Aquatic Master Plan Task Force Report

NOVEMBER 2017

City of Austin Aquatic Master Plan Task Force Report

Task Force Members:
Jane Rivera, PARB Chair
Rich DePalma, PARB Vice Chair
Dawn Lewis, Task Force Vice Chair
Rick Cofer, Task Force Chair

INTRODUCTION

As directed by Austin City Council Resolution No. 20170817-052, the City of Austin Aquatic Master Plan Task Force consists of four members of the Parks and Recreation Board selected by the Parks and Recreation Board membership. On August 22, 2017, Board Chair Jane Rivera, Board Vice Chair Rich DePalma, Board Member Rick Cofer, and Board Member Dawn Lewis were unanimously appointed by the Parks and Recreation Board to serve on the Task Force. On September 26, 2017, the Task Force unanimously voted Board Member Rick Cofer as Task Force Chair and Board Member Dawn Lewis as Task Force Vice Chair.

The City Council formed the Task Force to:

1. **Conduct public meetings and solicit additional public feedback on the draft planning tool known as the Draft Aquatic Master Plan (Plan).**

   Action Taken by Task Force:

   The Task Force held six public meetings at five different locations, which included citizen communication and input and one formal Community Public Input event. The Task Force held public meetings on September 10, 2017, September 19, 2017, September 26, 2017, October 16, 2017, November 14, 2017, and November 29, 2017. Additionally, the Parks and Recreation Department organized a community input event to collect information and feedback regarding the Aquatic Master Plan on October 23, 2017 at the Gus Garcia Recreation Center. All Task Force members attended this event.

   Information on meetings held and public feedback collected are attached in Appendix A.

2. **Review the Draft Aquatic Master Plan with consideration for the existing criteria related to:**
   - Geographic equity and access,
   - Environmental sustainability,
   - Fiscal sustainability,

- Historical and cultural importance,
- Popularity,
- Residential density and future population projections,
- Access to aquatics, and
- Creative funding sources and partnership opportunities.

Action Taken by Task Force:
Information was reviewed and considered.

Additional information reviewed outside of the Draft Aquatic Master Plan is attached in Appendix B.

3. **Provide policy guidance on:**
   A. How to prioritize investments,
   B. Possible pool closures,
   C. Building new aquatics facilities, and
   D. Recommendations for potential system funding level options for the 2018 Bond.

Action Taken by Task Force:
Policy guidance is provided in the subsequent pages.

The Task Force thanks the professional staff of the City of Austin Parks and Recreation Department, the Aquatic Advisory Board, and the Austin public for the breadth and depth of the work detailed in the Draft Aquatic Master Plan. We support the recommendations made with the modifications noted in our report. Our recommendations are presented to each of the elements in our charge from the City Council.

A. POLICY GUIDANCE ON HOW TO PRIORITIZE INVESTMENTS

Investment, Not Disinvestment, in City of Austin Aquatic System

The Task Force reviewed the proposed Master Plan and the concerns listed therein. The data is clear that decades of inadequate aquatic infrastructure funding and investment led not only to ongoing maintenance problems but also to an inability to carry out regular upgrades, thus leaving the aquatic system in the current crisis situation. At our engagement event focused solely on public input, we heard loud and clear that the public loves their neighborhood and community pools and the public strongly requests that the City of Austin keep those pools open. The public also prefers fewer large Regional Outdoor Aquatic Centers.

We believe that regional, neighborhood, and community pools are an important part of Austin's health and wellness and must be preserved. A robust aquatic system is aligned with the Imagine Austin plan to keep Austin healthy, compact, and connected. Swimming is a lifelong

leisure and wellness activity – one that can be promoted and maintained only through a healthy citywide aquatics system.

We do not consider it appropriate to maintain the status quo–taking pools out of service year after year until the city pool system has fewer, not more, facilities for an ever-growing population. Rather, we believe that every effort should be made to invest in our comprehensive aquatic system through end-of-life replacement for existing pools and adding new facilities to meet the needs of neglected areas of our city.

Why end-of-life replacement instead of continued repairs? A significant investment in a pool may extend the life of an existing pool for a few years, but a full replacement may be necessary to ensure long-term use of a pool. It is frequently more financially responsible to completely replace an existing pool rather than make only some repairs to maintain an existing pool in an inferior condition. Repairs exceeding a certain threshold are characterized as a renovation and require the pool and pool area to be brought up to current code. Meeting current code standards adds cost, but is necessary under Austin ordinance and State law.

Therefore, we recommend the following:

2018 Bond

1. On the November 2018 general election ballot, include a stand-alone bond proposition exclusively for aquatics facilities in the amount of $124,000,000.
2. The bond proposition should include all end-of-functional life pool replacements for pools listed in years 0 through 5 within the Draft Aquatic Master Plan.
3. The costs for the pool replacements should be the total cost detailed in the Draft Aquatic Master Plan to bring existing pools up to modern, environmentally sustainable, energy and water efficient, ADA, health, and safety standards.
4. Funding identified by staff to add four additional new pools that would provide public swimming opportunities to populations not currently adequately served by a city pool – Colony Park (NE Austin), NW Austin, SE Austin, and SW Austin.
5. Funding needs to be secured, either as M&O or bond, for capital costs associated with maintenance for pools listed in years 6 through 20 within the Aquatics Master Plan.

Table 1 reflects the pools, pool information, and funding recommended in the Draft Aquatic Master Plan and supported by the Task Force. Infrastructure costs are directly from the Draft Aquatic Master Plan and are not inflation-adjusted. Please note that the Parks and Recreation Department expects that the Colony Park pool will cost closer to $13,000,000 because of infrastructure challenges outside of the pool area.

Table 1. Aquatic Master Plan Projects Years 0-5 and System Expansion Projects

Facilities	Square Feet of Pool	Total Pool Capacity	3 Year Avg Attendance	Water Used per 1,000 Gallon Pool Volume	Amount
End-Of-Life Facility Replacement					
Balcones	4,853	324	14,858	3,873	$ 7,423,000
Big Stacy	4,000	217	20,861	11,046	$ 3,250,650
Brentwood	2,731	182	12,058	8,167	$ 3,653,650
Civitan	3,515	160	2,833	30,097	$ 3,705,650
Garrison	14,485	859	25,150	6,161	$ 9,802,000
Gillis	2,550	143	4,014	21,186	$ 3,575,650
Givens	11,920	745	14,009	22,913	$ 5,759,000
Little Stacy	1,590	100	3,708	8,834	$ 3,034,720
Mabel Davis (Natatorium)	11,717	604	11,155	6,832	$ 10,140,000
Martin	4,880	277	12,388	1,975	$ 3,985,150
Montopolis	4,880	277	7,705	5,933	$ 5,258,500
Northwest	15,642	975	36,643	3,555	$ 8,684,000
Walnut Creek	14,951	626	14,977	6,119	$ 5,440,500
					$ 73,712,470
System Expansion					
Central Aquatic Maintenance Facility					$ 2,600,000
Colony Park					$ 13,000,000
NW Austin to replace Canyon Vista					$ 5,000,000
Southeast Austin					$ 5,000,000
Southwest Austin					$ 5,000,000
Funding for Land Acquisition and Civil Engineering to Implement Expansion					$ 20,000,000
					$ 50,600,000
Grand Total					**$ 124,312,470**

Public Private Partnerships

6. A Request for Information (RFI) and subsequent Request for Proposals (RFP) to be released for a public-private partnership in the creation of a premier indoor aquatic center on city-owned property as identified by the City Manager's office.

Future Maintenance and Operations Funding

7. Additionally, in the event maintenance and operations savings resulting from the renovated pools do not entirely offset the expense of the additional new pools, we recommend that the Parks and Recreation Department annual operating budget be increased by the amount needed to maintain each new pool plus all the existing pools as

each pool is opened to the public. Further, expanded pool hours require new funds for additional staff and operating expenses.

Public Process on Any Future Decommissioning

8. Finally, we recommend that no individual pool ever be decommissioned without an affirmative vote of the Austin City Council. If in the future, if it is ever impossible to repair or renovate an existing facility and permanent closure appears to staff to be the only solution, then staff must present the City Council with a request to hear the pool conditions and public input. Council will then make a decision either to close the pool or will identify and allocate additional funds to keep the pool open.

Additional Rationale

- Modernizing the City of Austin Aquatics System will eliminate emergency closures and pool replacements that came up over the past decade.
- The modernization will reduce maintenance and operations costs while resolving the substantial facility condition issues resulting from long standing unmet maintenance and operational needs of our pools.
- The maintenance savings should be used for operating the new pools.
- A city natatorium is requested by staff to enable staff to train lifeguards year-round so that many pools can be kept open either for extended months of operation or year-round. In fact, Aquatics Division staff note that the natatorium is a pre-condition for any extension of pool hours within the system. Such a facility would be indoor, climate-controlled, include public access, and open year-round. The facility could include outdoor swimming as well.
- To serve the entire system of pools, a centrally located pool maintenance facility is needed to house standard frequently needed parts and supplies, and where maintenance staff has planning and workspace.
- It will take a comprehensive aquatics bond to win enough support from City of Austin voters and therefore new pools included in years 6-10 are brought forward to gain the support citywide.

B. POLICY GUIDANCE ON EXISTING CRITERIA FOR POOL RANKING

We, the Task Force, as well as members of the public who attended our public input session discussed possible new criteria. We support inclusion of existing criteria:

1. Demographics, including current use, residential density—including future population;
2. Site Conditions, including any local impediments to improving some part of the pool;
3. Location, including distance from any other aquatic facility;
4. Accessibility, including anything that prohibits improving accessibility;
5. Infrastructure, such as the type and age of the pump and the filtering device;
6. Environmental, particularly sustainability;

7. Regulatory, such as zoning and ADA requirements; and
8. Operations, the cost and difficulty of maintaining the pool.

These factors added together result in the Site Suitability Rating Score. This score has been applied to every aquatic facility in the city system, and those with the lowest overall score would be, all other things being equal, those expected to have the lowest chance of continued operation should the facility reach the end of operational life.

We also recommend adding historical and cultural factors as additional criteria for the site suitability score. Staff are adding a new chapter on historic and cultural significance to the Draft Aquatic Master Plan. Additional discussions were held regarding protecting pools originally built to segregate City of Austin residents. It was noted that these pools, although originally created under a discriminatory municipal plan and policies, also reinforced a sense of community and ownership.

Staff recommends the following pools be considered of unique historic and cultural importance:

- Barton Springs
- Deep Eddy
- Big Stacy
- Rosewood
- Parque Zaragosa

Every effort should be made to keep the above pools operational, based on historical and cultural importance and the Task Force concurs. The Site Suitability Index should include historic and cultural factors considered at a higher priority when a pool facility is at point of replacement or decommissioning.

The Task Force recommends that patterns of use and population projections should be reviewed biennially to ensure that planning maintains pace with Austin's rapidly expanding and moving population. Even when Parks and Recreation Department is not actively designing a pool facility, the City should gather data regularly so that that data is available when needed.

C. POLICY GUIDANCE ON ACCESS FOR RESIDENTS WHO DO NOT HAVE ACCESS

The Task Force agrees that current data indicate the most need for new regional pools exists in the following general areas.

- Colony Park (Northeast Austin)
- Northwest Austin
- Southeast Austin
- Southwest Austin

As Austin continues to grow and expand outwards, additional geographically underserved areas may arise, and at some time in the future, the plan may need to be amended to include additional new regional pools. A new maintenance facility in Far East, Southeast, or Northeast, may be required to increase efficiency as traffic grows with the city's population.

If any future consolidation or moving of a regional pool is being considered, accessibility must be considered. (As an example, children close to the St. Johns Pool were expected to transfer to the new Bartholomew Pool, but that would require them to cross 51st Street with no protected crossway, so the effect of the closing of St. Johns was that these children have no pool.)

D. POLICY GUIDANCE ON CREATIVE FUNDING SOURCES

Three items the Task Force discussed would increase pool funding and help offset costs.

1. *Since the public pools clearly serve a public interest (providing exercise and cooling during hot summer months), we recommend that Austin Energy & Austin Water grant "at cost" rates for water and electricity used to run the public pools. Parks and Recreation Department currently pays full rate for utilities at all facilities, and this reduction could result in positive savings for pool expenses that could be diverted to maintenance. New facilities should also include solar panels to reduce electricity use. This will be particularly helpful with the natatorium.*

2. *Rather than automatically turning over all fees for pool usage to the city's General Fund, return all fees for pool usage to the Park and Recreation Department Aquatics capital improvement fund or for use on pool maintenance or operations. Directing pool fees to the Park and Recreation Department should not be in lieu of any existing funding or future allocation to the Park and Recreation Department.*

3. *Austinites generally appear willing to pay individual fees for an expanded swim season and for early and late hours at existing pools.*

Through the Task Force's public engagement session, and those held during the planning and preparation of the Aquatics Master Plan, some members of the public often said they would prefer to pay a small fee to swim in a public pool than to lose the pools. Others want to keep public pool use free. We clearly heard that Austinites want public pools where their children can learn to swim, and all ages can swim together, rather than swim parks. And although most would prefer to pay a small fee than to lose pools altogether, we believe that the bond is a better idea, and we further believe there is support for a special aquatics bond to keep the neighborhood and community pools running, as well as to expand the number of regional pools.

E. POLICY GUIDANCE ON OPPORTUNTIES FOR PARTNERSHIPS

We the Task Force also support the development of an indoor natatorium to be jointly funded by and shared with some partner(s) such as Dell/Seton Hospital, the University of Texas, Austin Independent School District, or even some private partner(s). Additional City of Austin departments that may share a need for water safety instruction include Austin Police, Emergency Medical Services, and Fire, all of which might be partners. This pool would be open to the public those hours when it is not in use for lifeguard and water safety instruction or the public uses required by the public partner(s).

Finally, we also discussed such funding sources as working with companies or entities that may be interested in helping to build a new pool in an underserved area in exchange for naming rights. We hope this would not result in naming of facilities by brand names, but rather by names of foundations and/or key individuals in such organizations.

APPENDICES

Appendix A1

Public Feedback

Aquatic Master Plan Task Force Meetings

The Task Force held six (6) public meetings and one (1) formal public input event.

Meeting Dates:

- September 10, 2017
- September 19, 2017
- September 26, 2017
- October 16, 2017
- October 23, 2017 (Community Input Event)
- November 14, 2017
- November 29, 2017

Aquatic Master Plan Task Force

Community Meeting

Monday, October 23, 2017, 6:30-8:00 PM

Gus Garcia Recreation Center

1201 E Rundberg Ln, Austin, TX 78753

53 Attendees (signed-in)

Equity

- I am very opposed to creating pools with water slides and other fancy amenities at the expense of neighborhood pools
- I do not care what the national trends are. Austin needs to be livable by having pools in neighborhoods.
- Prioritizing pools on periphery of city will increase traffic and reduce accessibility of pools to all
- We can solve the tree limb problem at Little Stacy
- Please keep spaces for small children like Little Stacy
- Spend money on free pools in all areas than on weight rooms at some pools. Swimming to cool off and learning to swim and exercise are more important
- Provide safe swimming for
    - Swimming lessons
    - Exercise
    - Cooling off
- As long as we have free city pools, they provide a simple baseline of swimming opportunities. Let Schliterbahn, etc. provide the fancy slides etc.
- Little Stacy is perfect as is, please keep it for the children.
- Little Stacy is (?) to community in South and East Austin
- Little Stacy is where children from different schools make friends
- Northwest is my neighborhood pool and I support it.

Site Suitability

- Please review the raw data for Ramsey and Reed. I don't believe the #s can be exactly identical all the way down.
- Ramsey Pool- we're marked down for accessibility- but most people walk, there is not much parking needed
- I was told the demographics looks at the per household income of residences that might use the relevant pool. I don't think it's fair to penalize neighborhoods for having income. We pay taxes too.
- When counting attendance, making clear seasonal and shorter hours vs. year-round facilities.
- Identify year-round pools

Sustainability

- Why we love Stacy: outdoor, early morning (?) high sun, min. lap 33M ok, not heavily chlorinated air (not indoor), year-round
- Need outdoor shaded year-round pools, 1 per large areas with lap availability min 33 m, 50m better
- More pools open year round that offer decent lap swimming
- Stacy being cost free helps our artists and musicians
- Pools open only 10 weeks out of 52 don't count
- Stacy built by WPA in 1936, historic pool
- Stacy only free heated pool in Austin
- Why do we have PARD employees sitting around rec centers and no children are present
- Little Stacy is a historic pool- a little oasis for tiny people- unique! We are the 3rd generation in our family to swim in and love Little Stacy
- Please save little Stacy- not every pool needs to be a McMansion
- Historic, spring-fed pools like B. Springs, Big Stacy and Deep Eddy ought to be afforded a priority.
- Drive in from onion creek to swim at Stacy 5 days a week
- Honestly I think we have a lot of fun and we just love our austin pools
- We value the diversity of our local pool- Northwest Park and the accessibility. It brings our community together.
- FUN
- Concerned for long-term commitment to providing year round lap swimming options- early morning
- Lap pool= at least 25 meters not 25 feet
- Other factors to consider for ranking, length/use of pool (lap swimming harder to find over wading), accessible year round, accessible early morning hours (6 am), accessible by bus, spring fed, historic interest
- Why do we <u>need</u> an indoor facility? What percentage of population will it serve? What will have to be cut to make it?
- Stacy is thermal heated
- Please add to ranking system- 1. Historic 2. Ability to be open year round 3. Non-chlorinated 4. Length (at least 30m), bus route from downtown (cultural tourist attraction)
- I've been swimming for 40 years, hope to swim 40 more. Right now I can walk to Big Stacy/Deep Eddy. Do you want me behind the wheel at age 80 and drive further away?
- Premier Indoor Aquatic Center should be lowest priority or not even considered. We currently don't need this
- I agree

Funding

- Big Stacy and Deep Eddy
    - Historic- Big Stacy built by CCC, Deep Eddy oldest in State
    - Lap lanes for la swimmers
    - A large regular group of swimmer go there very often and for many years
- Keep older simmers healthy

- Gives kids in neighborhood a chance to learn to swim
- Draws swimmers from all socio-economic groups (no fee)
- Year round (Big Stacy is heated thermally, Deep Eddy constant temp.)
- Northwest Park- historic, diverse
- Serves variety of needs- swim teams, lessons, families, fitness, recreation
- Deep Eddy- fun, kid friendly, AWESOME!
- Mabel Davis Pool- High density of low income apartments with no other opportunities for recreation during hot summer months
- Thanks for not closing Stacy Pool. It is my therapy. The only suggestion I have is on fun pools such as tall waterslides/climbing wall, lazy river, etc is a small fee to ensure salary for lifeguards to protect the lives of our children
- Consider charging realtor fees for profits they make by advertising “near a pool and park” in areas already developed.
- Maybe a 501c3 for realtors can contribute to where they can deduct from federal taxes.
- Keep no fees for neighborhood pools
- Keep Big Stacy open
- Bond should be more substantial for aquatics (pools)
- Aquatic specific bond
- Keep Little Stacy open “think of the children.”

Appendix B1

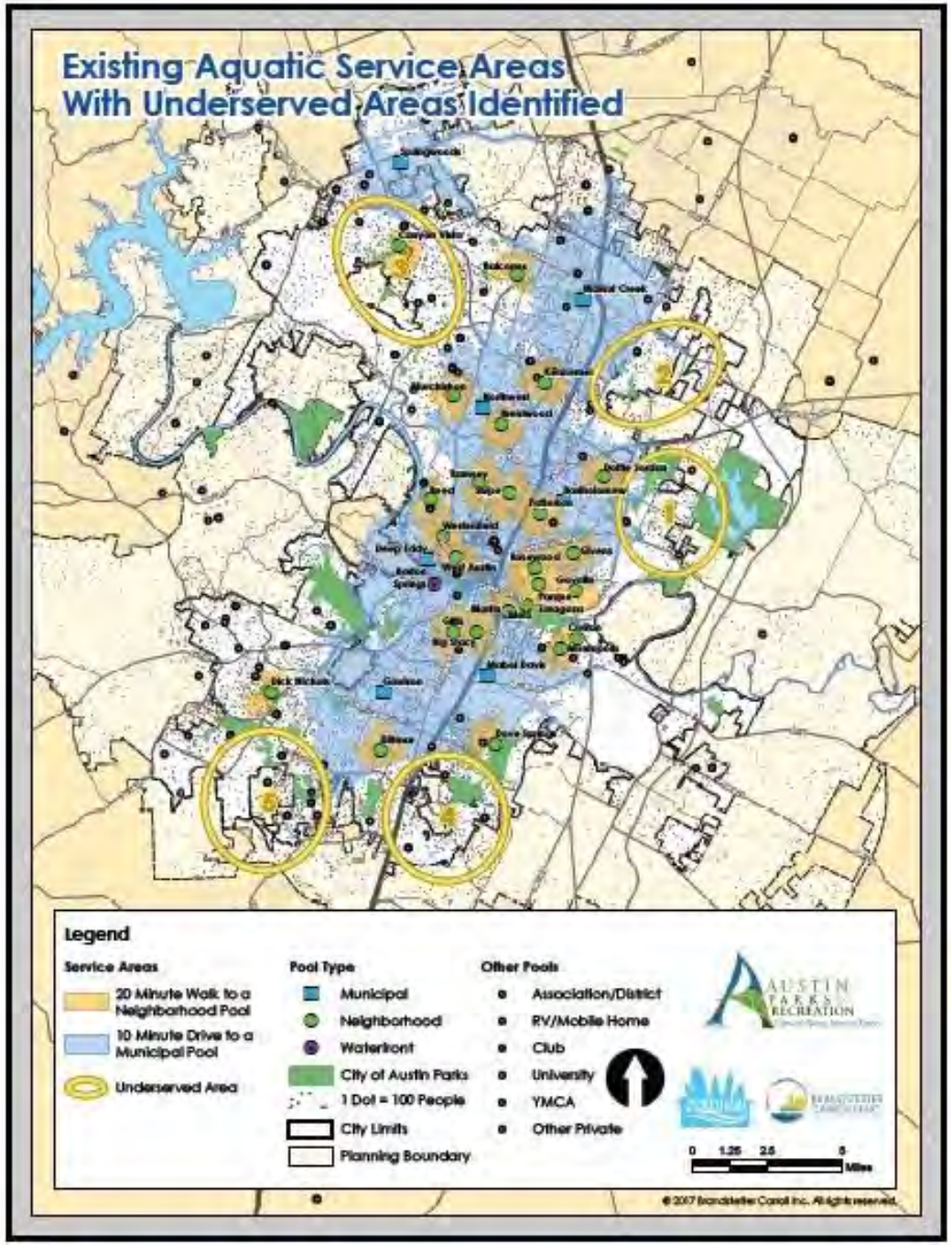
Aquatic Facilities Tour

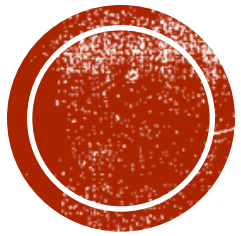
AQUATIC FACILITIES VIRTUAL TOUR

Aquatic Master Plan Task Force

September 19, 2017

Figure 2.13: Existing Aquatic Service Areas with Underserved Areas



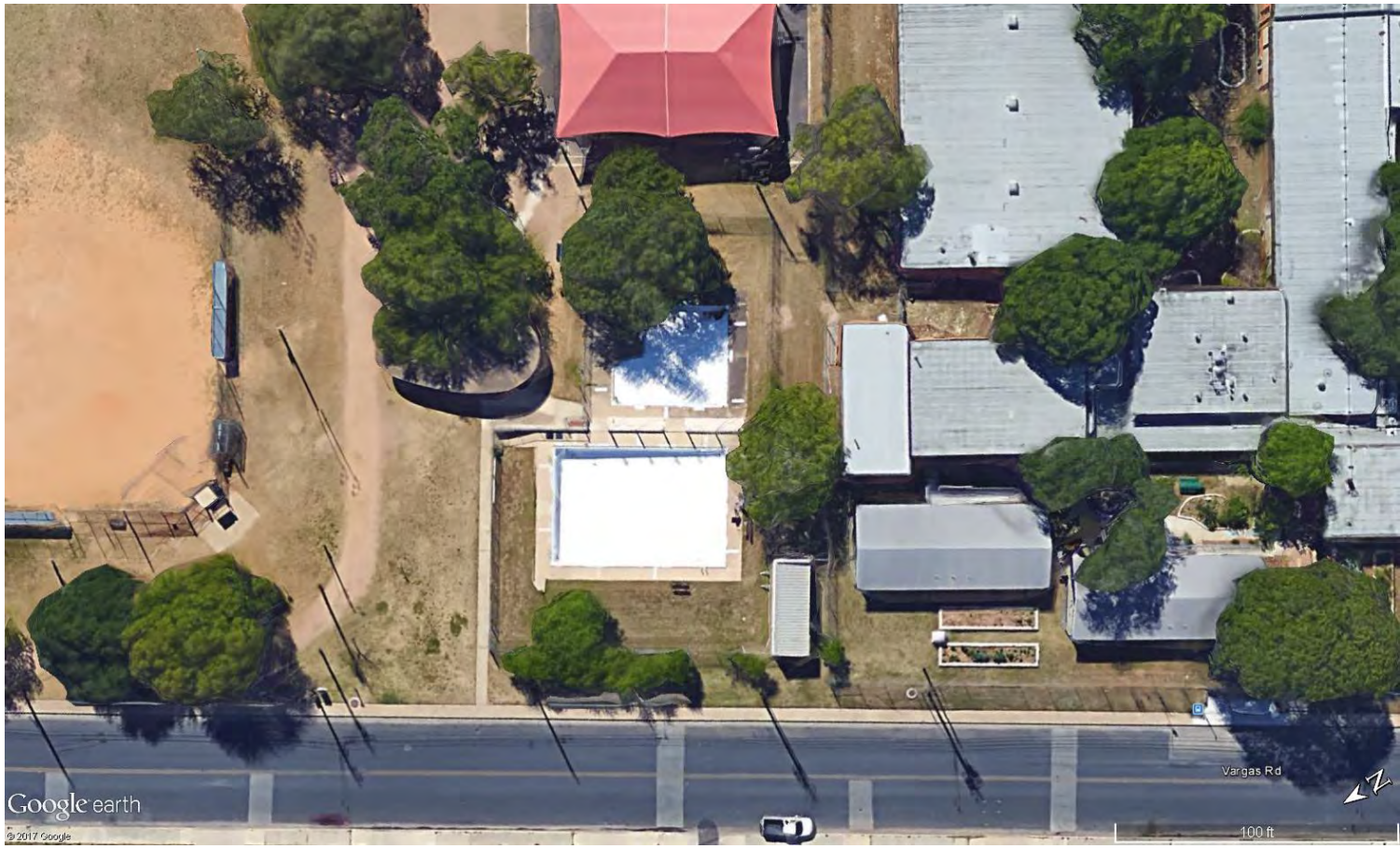


CRITICAL POOLS

CIVITAN POOL

- **Year Built/Renovated:** 1964
- **Volume:** 72,000 gal
- **Current Classification:** Neighborhood
- **City Council District:** District 3
- **Facility Address:** 513 Vargas Rd.
- **Recommendations:**

  Appendix E pg # E-58



SITE

POOL/DECK

RESTROOM

PUMP ROOM

GILLIS POOL

- **Year Built/Renovated:** 1954 / 1979
- **Volume:** 144,340 gal
- **Current Classification:** Neighborhood
- **City Council District:** District 3
- **Facility Address:** 2504 Durwood St.
- **Recommendations:**

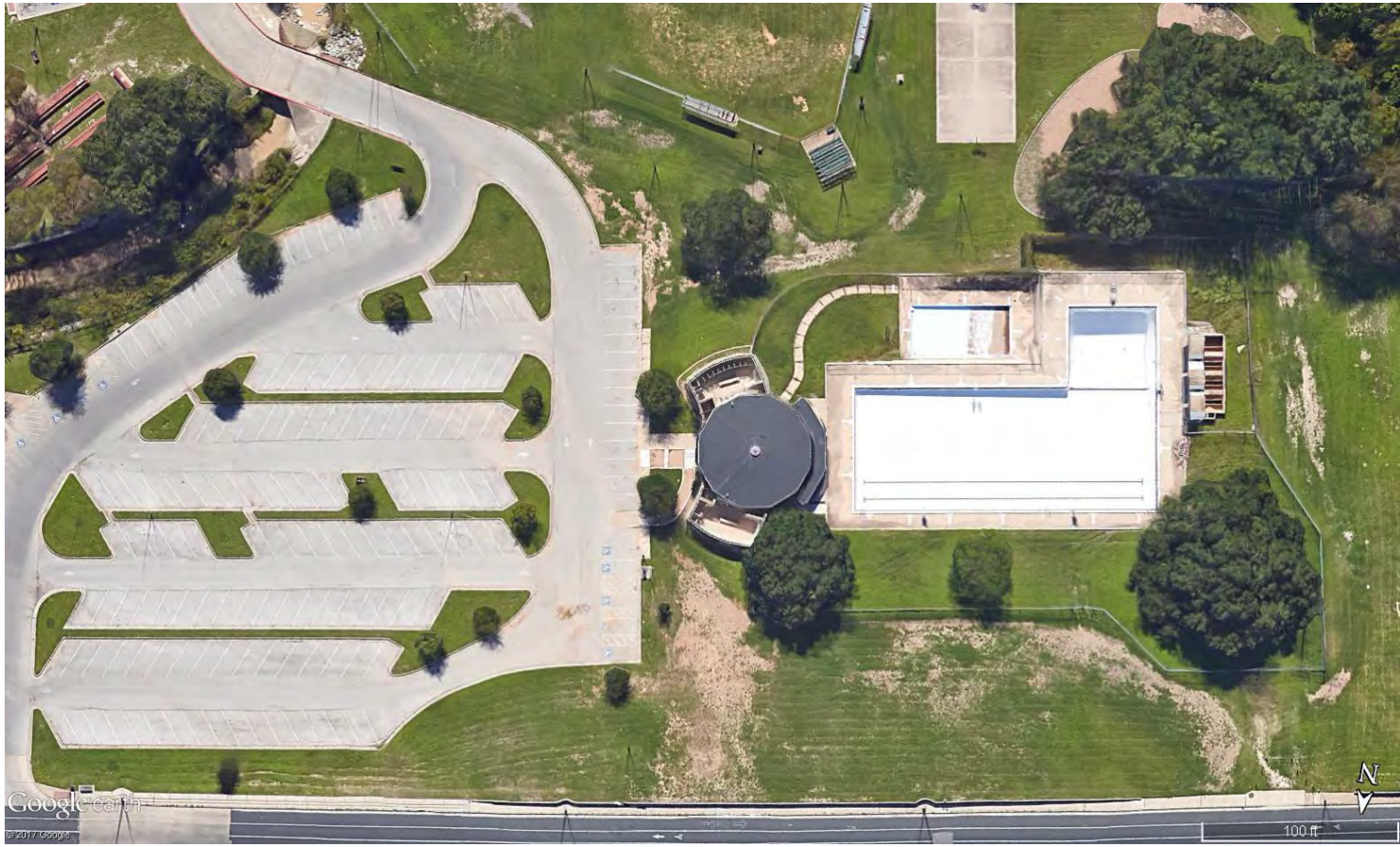
  Appendix E pg # E--64

TEXACO

GIVENS POOL

- **Year Built/Renovated:** 1958
- **Volume:** 464,450 gal
- **Current Classification:** Neighborhood
- **City Council District:** District 1
- **Facility Address:** 3811 E. 12th St.
- **Recommendations:**

  Appendix E pg # E-32



SITE

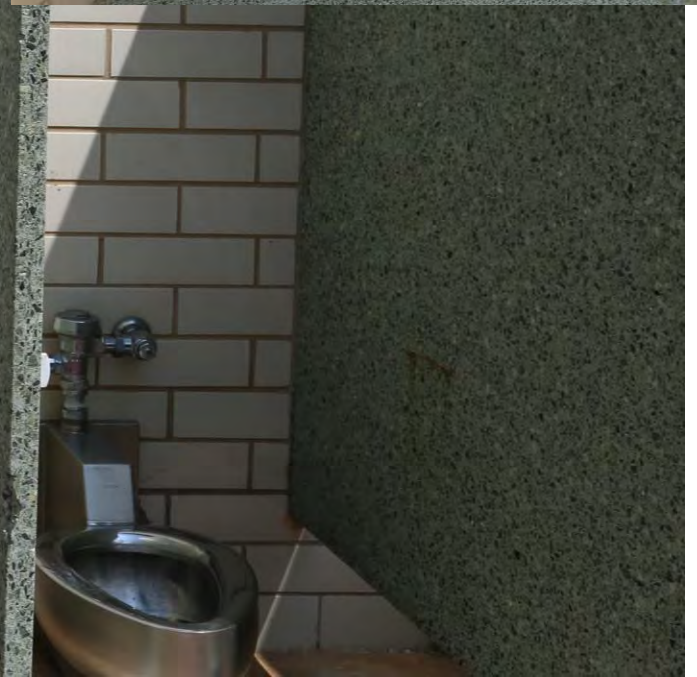
POOL/DECK

POOL SHELL LEAK

Northwest wall of the pool

INSIDE THE PUMP ROOM

PUMP ROOM



RESTROOM

GOVALLE POOL

- **Year Built/Renovated:**

  1954 / 1986 / In Progress
- **Volume:** 72,000 gal
- **Current Classification:** Neighborhood
- **City Council District:** District 3
- **Facility Address:** 5200 Bolm Rd.
- **Recommendations:**

  Appendix E pg # E-46

SITE

POOL/DECK

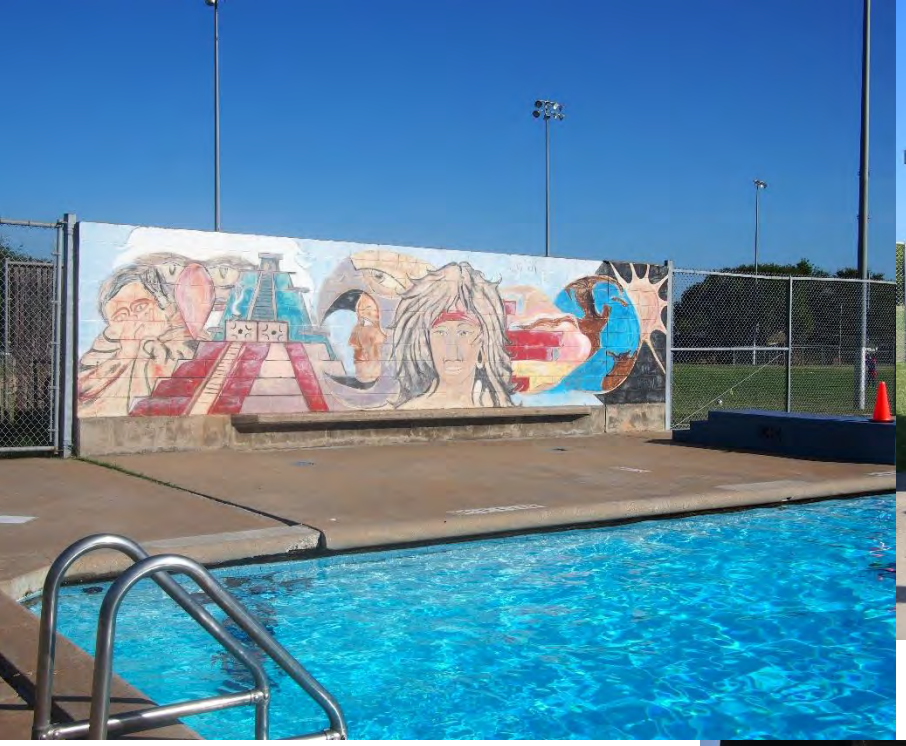
PUMP ROOM

MONTOPOLIS POOL

- **Year Built/Renovated:** 1978
- **Volume:** 203,000 gal
- **Current Classification:** Neighborhood
- **City Council District:** District 3
- **Facility Address:** 1200 Montopolis Dr.
- **Recommendations:**

  Appendix E pg # E-35

SITE



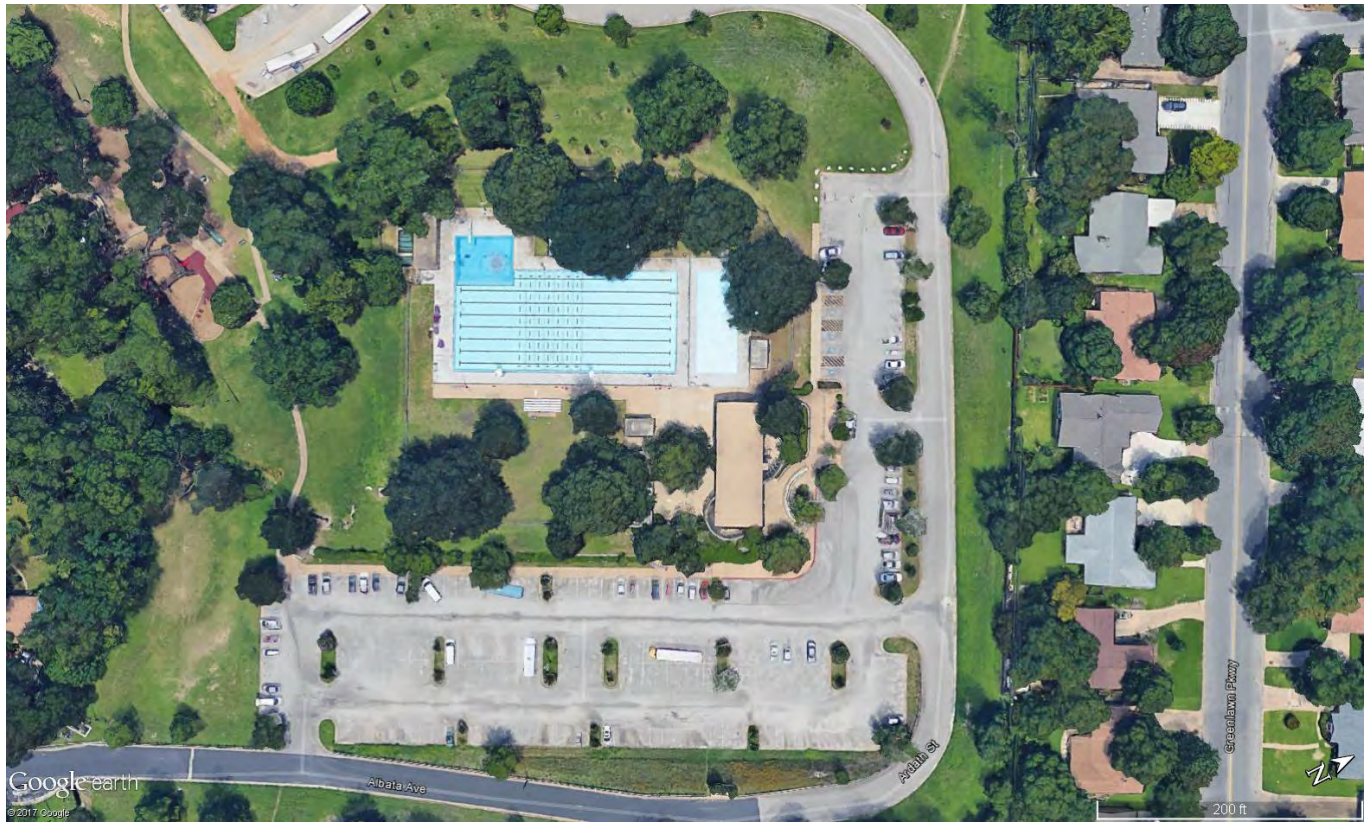
POOL/DECK

RESTROOM

Pump Room

NORTHWEST POOL

- **Year Built/Renovated:** 1956
- **Volume:** 578,945 gal
- **Current Classification:** Municipal
- **City Council District:** District 7
- **Facility Address:** 7000 Ardath St.
- **Recommendations:** Appendix E pg # E-13



SITE

POOL/DECK

RESTROOMS

PUMP ROOM

PUMP ROOM

SHIPE POOL

- **Year Built/Renovated:** 1934
- **Volume:** 159,025
- **Current Classification:** Neighborhood
- **City Council District:** District 9
- **Facility Address:** 4400 Avenue G.
- **Recommendations:**

  Appendix E pg # E-46

SHIPE WADING POOL

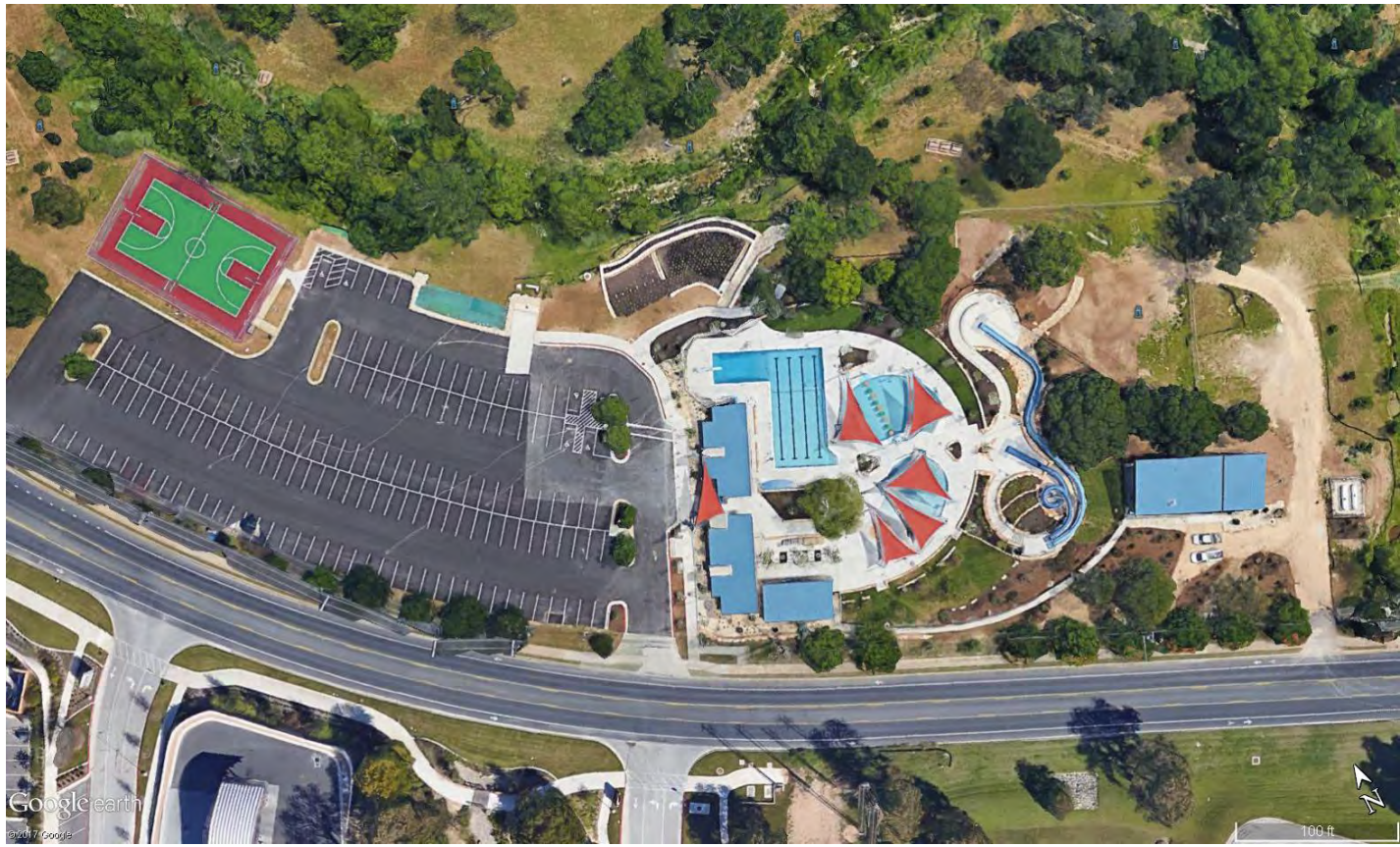
- **Year Built/Renovated:** 1934 / 1997
- **Volume:**
- **Current Classification:** Wading Pool
- **City Council District:** District 9
- **Facility Address:** 4400 Avenue G.
- **Recommendations:**

  Appendix E pg # E-46

RENOVATED POOLS

BARTHOLOMEW POOL

- **Year Built/Renovated:** 1961 / 2013
- **Volume:** 231,071 gal
- **Current Classification:** Municipal Pool
- **City Council District:** District 4
- **Facility Address:** 5200 Berkman Drive
- **Recommendations:** Appendix E pg # E-3



DEEP EDDY POOL

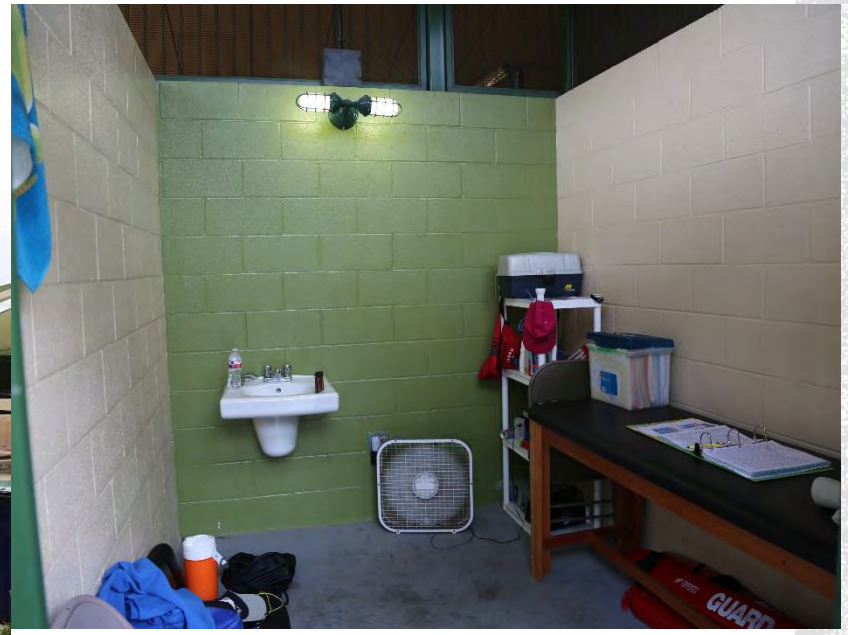
- **Year Built/Renovated:** 1916 / 2012
- **Volume:**
- **Current Classification:** Municipal
- **City Council District:** District 10
- **Facility Address:** 401 Deep Eddy Ave.
- **Recommendations:**

WESTENFIELD POOL

- **Year Built/Renovated:** 1931 / 2013
- **Volume:** 123,071 gal
- **Current Classification:** Neighborhood
- **City Council District:** District 10
- **Facility Address:** 2008 Enfield Rd.
- **Recommendations:**

  Appendix E pg # E-97

OLD WESTENFIELD



SITE

POOL/DECK

RESTROOM

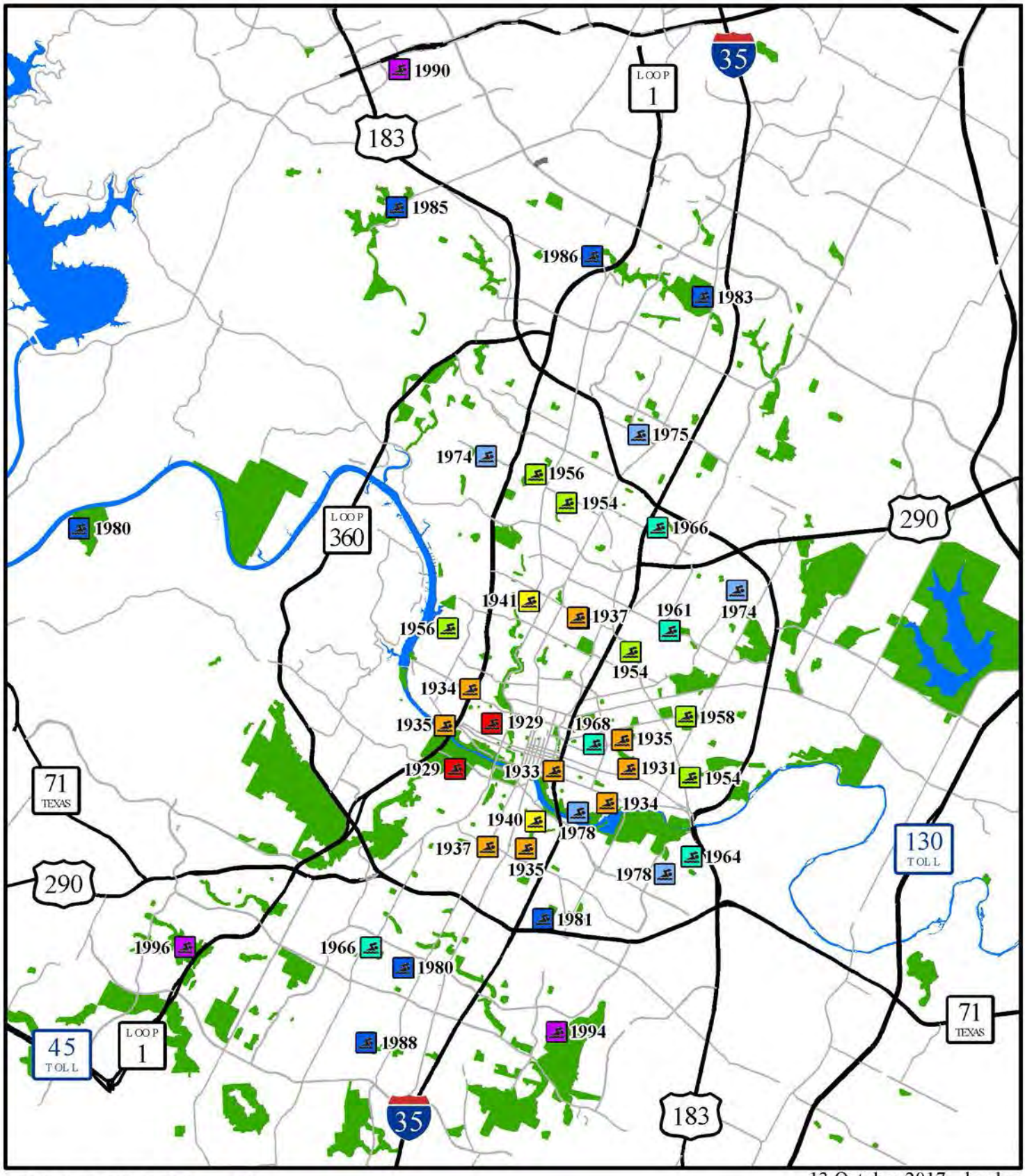
400 Gallons
0
3
1
CL

Harborlite
Harborlite
Harborlite
Harborlite
Harborlite

PUMP ROOM

Appendix B2

Geography and Population



PARD Pools:

Locations and Dates

Legend

- 1920'S
- 1930'S
- 1940'S
- 1950'S
- 1960'S
- 1970'S
- 1980's
- 1990's
- City of Austin Parks
- Lakes

13 October 2017 hardya

This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries. This product has been produced by the Parks and Recreation Department for the sole purpose of geographic reference. No warranty is made by the City of Austin regarding specific accuracy or completeness.

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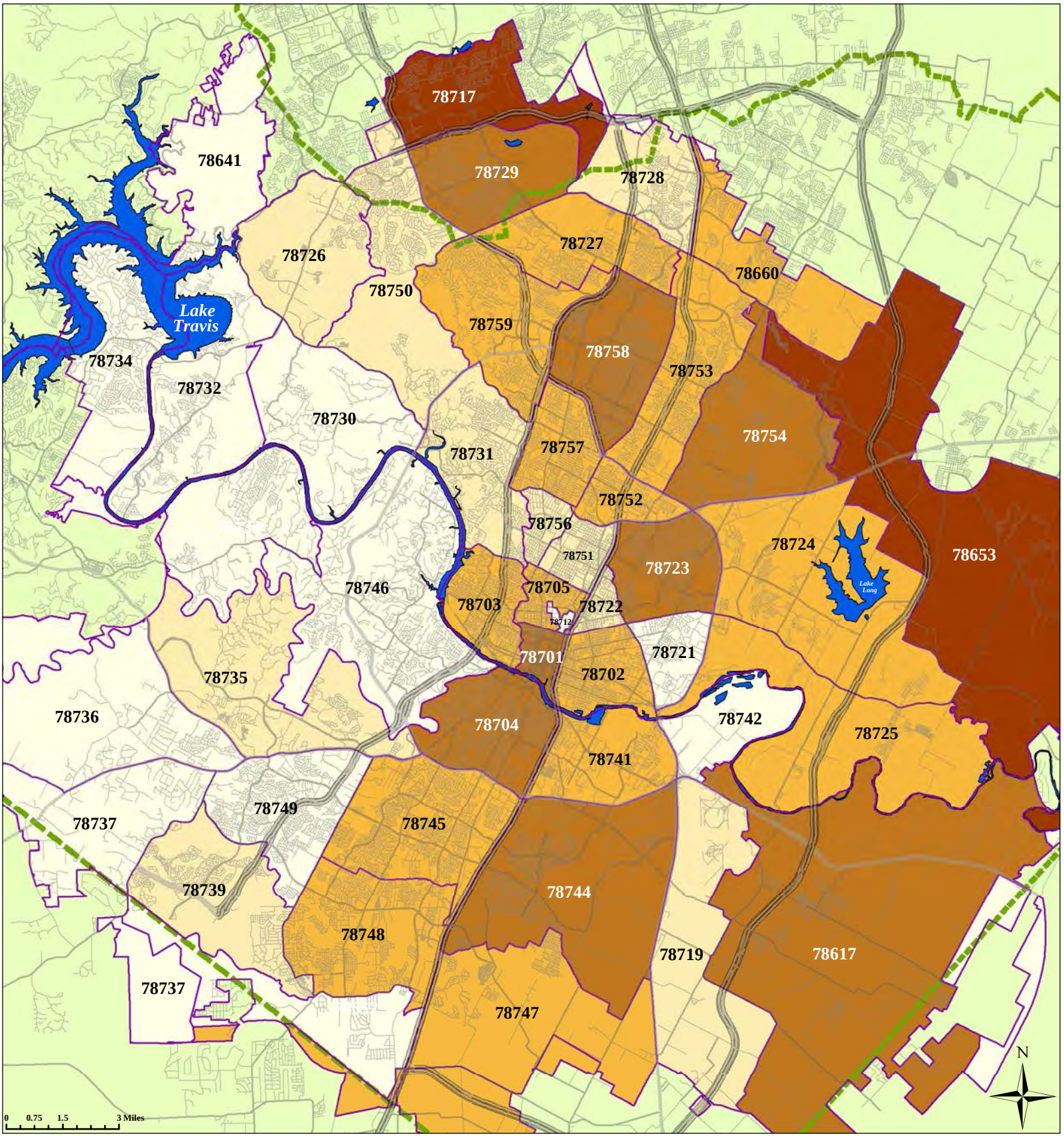
AUSTIN PARKS & RECREATION
Cultural Places, Natural Spaces



Total Population Change: 2010 to 2040 Forecast

ZIP Codes, Austin, Texas

counties

ZIP Codes

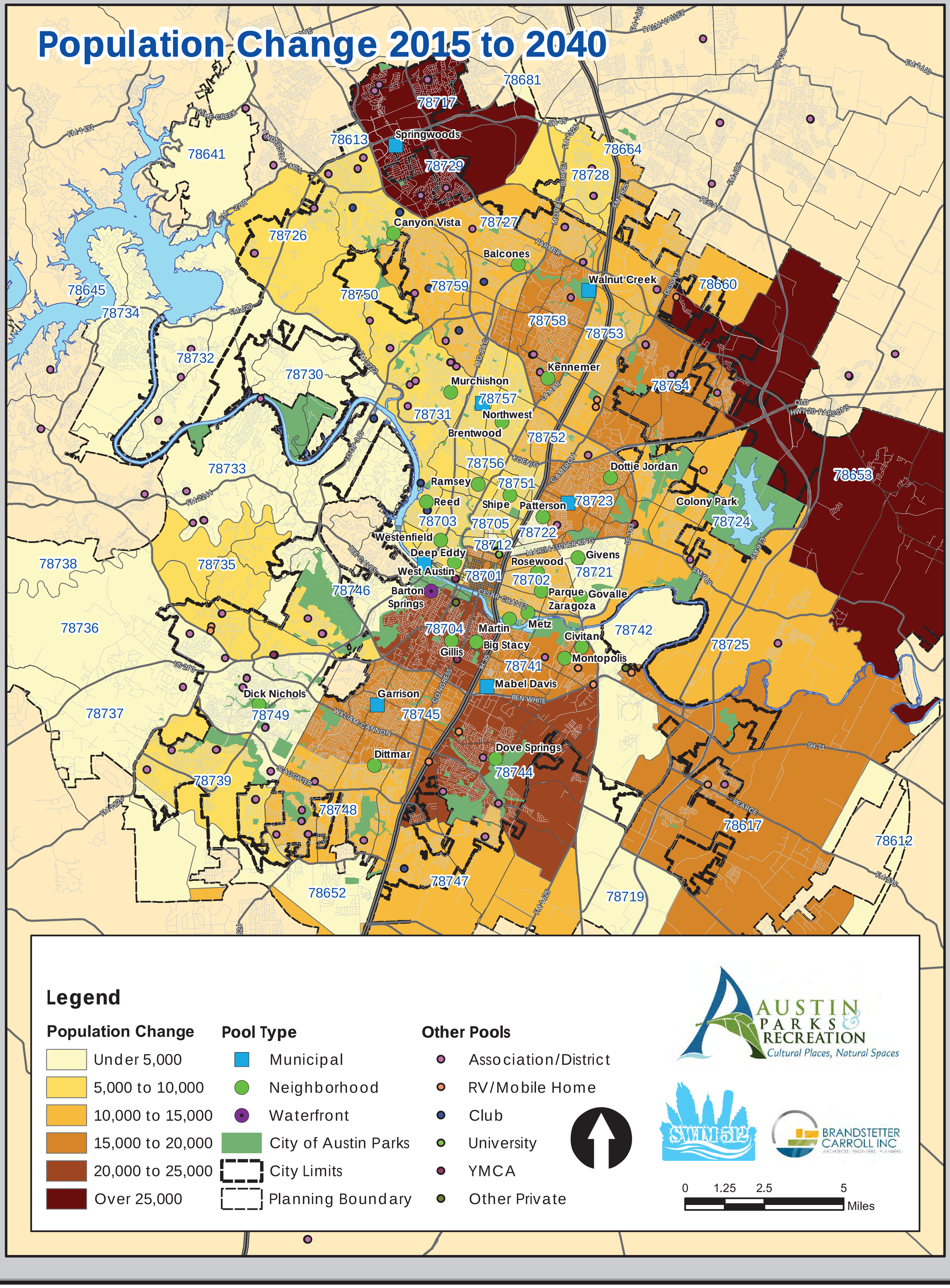
Population Change: 2010 to 2040

- Fewer than 5,000
- 5,000 to 10,000
- 10,000 to 20,000
- 20,000 to 30,000
- 30,000 to 40,000
- 40,000 Plus

a DTI2040 FORECAST⟹ Product

Map produced by: Ryan Robinson, City Demographer, Department of Planning, City of Austin. September 2014

Population Change 2015 to 2040



DTI 2040 Population and Employment Forecast
Introduction, Methodology, and Discussion

Introduction

The City of Austin's "**DTI 2040 Population and Employment Forecast**" is a long-range, small-polygon-based population and employment forecast produced by the City Demographer in conjunction with other City departments, most notably Austin Water. The close collaboration between the City's Planning Department and the City's Water Utility spans many decades and is responsible for the production of several accurate population and employment forecasts over the years.

DTI is an acronym, standing for **D**elphi, **T**rends and **I**magine Austin, and 2040 refers to the final year of the forecast, also known as the forecast horizon. The specific influences exerted on the overall forecast by the components of Delphi, Trends, and Imagine Austin are discussed in detail in the methodology sections of this document. DTI 2040 is the first long-range, small-polygon-based forecast to be collectively and collaboratively created by City departments for Austin following the release of Census 2010 data. The fundamental purpose of the forecast is to predict the future total population and employment within each polygon in the study area, for the year 2020 and the horizon year 2040.

Population Forecast Methodology

STEP ONE: Establish the Baseline
To establish a 2010 population baseline, Census 2010 block-level population data were aggregated into 227 proprietary polygons within the DTI 2040 study area (please see map) which is basically the City of Austin's Full and Limited Purpose jurisdictions plus the City's Extra-Territorial jurisdiction. In most cases, census blocks fit neatly within the study area's polygons, thereby creating a solid baseline.

STEP TWO: Determine future population totals for the study area as a whole
A population control total for the DTI 2040 study area for 2020 and 2040 was generated from the long-range population projection for the City of Austin, using an assumed ratio relationship between the study area and the City as a whole. The ratio relationship between the study area and the City has proven to be extremely stable over time. It is considered a viable method of determining what the total population within the study area will be in the future, assuming that the City's forecasted future total populations are closely aligned to the actual trajectory of growth that is realized over the forecast period.

STEP THREE: Disaggregating the 2040 population control total into polygons
Each polygon within the study area was assigned a portion of the projected increment of overall population growth for the entire study area. Estimating each polygon's portion of overall population growth was accomplished by initially assigning a "growth factor" to each polygon. Growth factors determine each polygon's potential population growth from 2010 to 2040. Essentially, the growth factor for each polygon is the result of accuracy calibrations originating from the City's Smart Growth forecast, a previously produced regional forecast. The calibrated growth factors were used only as initial starting points from which corrections and modifications were made.

STEP FOUR: Adjustments from the "Delphi Team"
The preliminary future populations for 2040 for each polygon—determined by applying the growth factor for each polygon—within the study area were reviewed by the "Delphi Team." This refers to the "Delphi Method," which is an interactive forecasting method that relies on a panel of experts. [1],[2] Each person on the Delphi Team requires a deep knowledge of the study area, knowledge of emerging developments, and the potential for future development within the study area.
The Delphi Team included demographers, engineers, geographers, and planners and represented decades of experience within the greater Austin area.

STEP FIVE: Input data influencing Delphi Team decisions

- Emerging residential and mixed-use developments;
- Position of the polygon within the overall study area, a factor which takes into account roadway accessibility and proximity to other developments;
- Momentum of population growth within the polygon from 2000 to 2010;
- Approved and applied for Water Utility Service Extension Agreements;
- Adjacency to Imagine Austin Activity Centers and Corridors, assessing the viability of growth ranges assigned to these centers and corridors;
- Construction activity and delivered product from 2010 to 2013; and
- Aerial photography and numerous Geographic Information Systems (GIS) land use and environmental constraint layers to determine future potential for development and redevelopment.

It is important not to underestimate the level of analysis and methodological rigor applied to each individual DTI 2040 polygon in terms of the intensity of examination delivered from the Delphi Team. This collaborative, comprehensive and in-depth analysis of each individual polygon on the part of the Delphi Team is what makes the Delphi Method so valuable, basically bringing the complexities and nuances of population and employment forecasting out from within an opaque black box and into the transparent open. Experts debating, persuading and compromising with an end result being superior to a result generated by the blind heavy-hand of an algorithm.

STEP SIX: Create "market timers" for each polygon to determine year 2020 population totals
A default value of 33% was set as a market timer for each polygon, meaning that each polygon will gain roughly 1/3 of the total population increment expected between 2010 and 2040 by 2020. The Delphi Team then reviewed each individual polygon's 2020 predicted total population and made adjustments based on the overall consensus of the team.

Employment Forecast Methodology

STEP ONE: Establish the Baseline
To establish a 2010 employment baseline, address-specific total employment data were aggregated into the DTI 2040 study area's 227 polygons. The 2010 base employment data were provided by CAMPO (metropolitan Austin's Municipal Planning Organization). Analysts at CAMPO spent an enormous amount of time and energy scrubbing and perfecting the employment data, working through issues such as all school district employees being assigned to the district central office rather being correctly assigned and distributed to the hundreds of various work sites and schools across the district. Without the valuable efforts from CAMPO staff, the City's DTI 2040 could not have been produced.

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[1] Woudenberg, Fred, "An Evaluation of Delphi," *Technological Forecasting and Social Change*, Sept. 1991.
[2] Gordon, Theodore J., "The Delphi Method," *The Millennium Project, Future Research Methodology—V3.0*, 1999.

STEP TWO: Generate an employment control total for the study area
A control total for the number of future jobs expected within the study area was generated by projecting into the future the current ratio between total population and the total number of jobs. This type of projection is standard and in this case assumes an increasing jobs-to-population ratio as the overall commuting shed of metropolitan Austin is assumed to continue to spatially expand. Put another way, in relative terms, the total number of jobs within the study area will begin to slowly approach the total population residing within the study area. In one extreme but illustrative example, the number of jobs within Manhattan greatly outnumbers the number of people living on the island.

STEP THREE: Create study area districts
To facilitate the disaggregation of the employment control total, polygon districts were created by grouping collections of contiguous study area polygons together yielding 20 larger districts, each containing 9 to 13 individual study area polygons.

STEP FOUR: Generate an initial employment growth increment for each district
Each district's share of the total number of study area jobs from the 2010 baseline was used to assume a future potential portion of total study area jobs for each district. For example, using the 2010 data, the study area district covering most of greater downtown Austin has the largest share of total jobs and was assumed to also have the largest share of total study area jobs in 2040. Some districts will experience large gains in overall share (districts in places like North Burnet-Gateway), and some districts will lose overall share (districts that currently include employment centers such as the IRS facility in southeast Austin). The resultant total number of jobs predicted by 2040 for each district was reviewed and adjusted by the Delphi Team.

STEP FIVE: Disaggregate district totals into individual polygons
The Delphi Team examined each district and disaggregated district employment totals into each individual polygon within that district using the current share and future share (relative to the district total) technique for each individual DTI 2040 polygon.

The Delphi Team used the same set of input data employed during the allocation process of population.

- Emerging commercial and mixed-use developments;
- Position of the polygon within the overall study area, a factor which takes into account roadway accessibility and proximity to other developments;
- Momentum of employment growth within the polygon from 2000 to 2010;
- Approved and applied for Water Utility Service Extension Agreements;
- Adjacency to Imagine Austin Activity Centers and Corridors, assessing the viability of growth ranges assigned to these centers and corridors;
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STEP SIX: Create "market timers" for each polygon to determine year 2020 population totals
A default value of 33% was set as a market timer for each polygon, meaning that each polygon will gain roughly 1/3 of the total employment increment expected between 2010 and 2040 by 2020. The Delphi Team then reviewed each individual polygon's 2020 predicted total employment and made adjustments based on the overall consensus of the team.

Discussion

All population and employment forecasts occupy a position along a continuum of modeling philosophy, with one end of the continuum representing purely policy-driven forecasts and the other end of the continuum representing purely market trends-driven forecasts. Austin's DTI 2040 forecast is positioned towards the end where purely market trends-driven forecasts reside. The DTI 2040 forecast is therefore more of a market trends forecast than a policy forecast. Elements of a policy forecast include potential population and employment growth expected to occur within Imagine Austin activity centers and along mixed-use corridors. These growth expectations were adjusted using knowledge of the trends within current development patterns and practices.

The DTI 2040 forecast incorporates an envisioned urban-centric future of growth and development for Austin and yet also accounts for widely distributed, low-density suburban development that will surely continue to occur. The DTI 2040 forecast explicitly assumes a significant amount of redevelopment within the central urban area along with continued greenfield development where possible across the study area. The DTI 2040 forecast also takes into account that Austin's future employment pattern will be one of increased "multi-nucleation," meaning that while downtown will continue to be the region's largest employment center, other significant clusters of employment will emerge regionally.

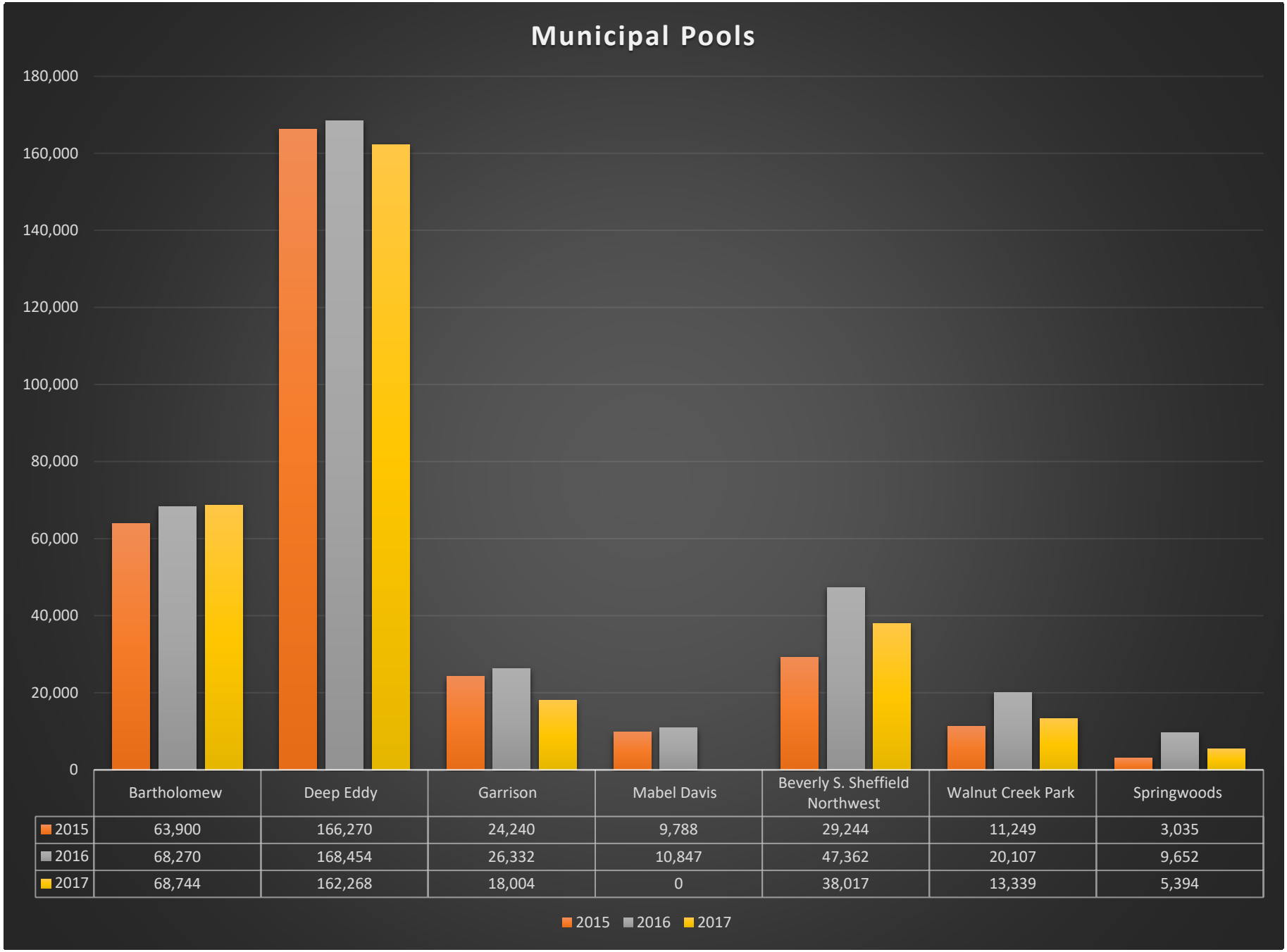
Worthy of mention is the fact that there are parallel yet inferior parcel-level forecast products currently available for the Austin area. Long-range forecasts based on parcel-level modelling notoriously suffer from what is known as aggregation bias.[3] Aggregation bias can create a forecasting situation in which the predicted land uses of individual parcels cumulatively result in a grossly over-estimated study area total. Whereas the DTI 2040 forecast utilizes a far more reliable technique of beginning with a total increment of growth for the study area, both population and employment, and then distributing these increments into all constituent study area polygons based on attributes that estimate an individual polygon's attractiveness to future growth.

And finally, the Delphi Team studied a wide variety of thematic, analytic maps generated using the newly created forecast data to show overall trends and the relationships between population growth and employment growth across the study area. Qualitative, visual assessments of mapped forecast results were a critical tool in determining the overall viability of the forecast.

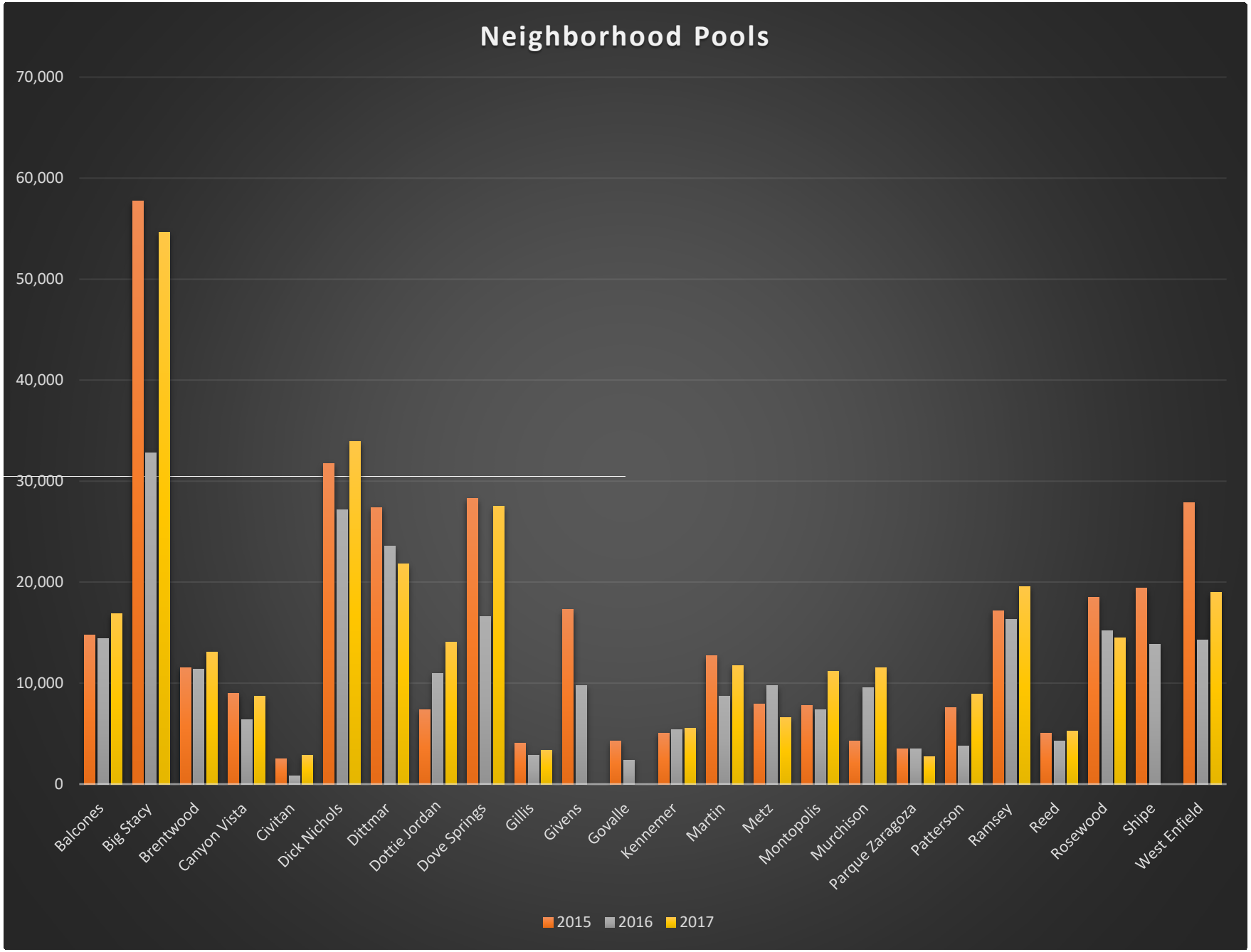
[3] Aggregation Bias in Small Area polygon-based Forecasting. Dr. Ronald Mitchelson, Professor of Geography, University of Georgia, paper presented to the Association of American Geographers Annual Conference, 1986.

Pool Name	Balcones	Bartholomew	Big Stacy	Brentwood	Canyon Vista	Civitan	Deep Eddy	Dick Nichols	Dittmar	Dottie Jordan	Dove Springs	Garrison	Gillis	Givens	Govalle	Kennemer	Little Stacy	Mabel Davis	Martin	Metz	Montopolis	Murchison	Northwest	Parque Zaragoza	Patterson	Ramsey	Reed	Rosewood	Shipe	Springwoods	Walnut Creek	Westenfield	West Austin
Balcones	0	10.2	14.5	6.8	4.6	16.1	10.9	19.3	20.3	21	19.5	16.6	14.1	13.1	15.2	4.8	11.9	16.2	14	12.9	16.4	6.2	5.3	14	10.4	8.5	9.7	13.4	9.5	7	3.6	10	11
Bartholomew	10	0	7.1	4	12.8	6.7	6.8	16.9	15.3	2.3	11.4	11.9	7.4	2.4	3.7	5.4	6.6	8	5.3	5.3	5.7	6.4	4.9	3.9	1.8	3.4	6.1	3.2	2.7	14	8.3	5.9	5.6
Big Stacy	12.3	6.9	0	9.5	20.7	4.7	4.1	10.8	6.6	9.3	4.5	4.8	1	6.2	4.9	10.6	0.6	1.7	2.7	3.3	4	10	9.8	4.2	6.1	7.5	6.3	4.4	6.3	20	8.3	4.6	3.7
Brentwood	6.4	4.1	9.5	0	9.9	8.5	6.5	15	16.7	5	14.1	12.3	9.8	6.3	6.9	3.2	8.9	14.4	7.8	8	8.9	3.5	1.3	7.6	4.1	2.3	5.1	7.1	3	14	6.1	5.6	5.7
Canyon Vista	5.1	13.2	17.4	9.9	0	17.9	13.2	20.9	21.7	13.1	22.5	18.3	17.1	15.6	16.2	8.6	16.9	19.2	17	17.3	18.2	6.7	9.1	16.9	13.4	11.3	11.8	16.4	12.5	5.5	8.7	12.3	13.2
Civitan	14.8	5.6	4.7	8.4	17.3	0	6.5	15	11.8	6.4	5.3	9.5	8.1	3	1.8	10.2	4.8	4.9	3.7	2.7	0.8	14.4	9.7	2.7	4.8	7.1	8.3	3.2	5.8	19.9	13.1	6.6	6.3
Deep Eddy	11.5	7.2	4.1	7.4	14	6.4	0	8.9	9.5	10	9.3	6.3	3.8	6	5.7	9.4	3.5	5.9	3.7	4	6.6	6.9	6.6	4.1	5.6	4.2	2.2	4.5	5.5	17	13.2	1.1	1.3
Dick Nichols	19.5	15.5	9.7	15.3	20.5	14.6	9.2	0	5.5	19	8.9	4.9	8.9	14.4	14	18.4	10	9.6	12	12.3	12.8	14.9	14.8	12.7	14.1	13	11.5	13	14	24.9	22	9.5	9.7
Dittmar	20.3	12.6	6.6	15.3	22.7	10.7	10	5.5	0	15.9	5.6	3.3	6	11.7	11.9	16.3	7	6.6	9.7	9.8	9.6	14.6	15.8	9.9	11.6	13.2	12.3	10.3	12.5	25.7	19.8	10.4	9.2
Dottie Jordan	9.1	2.3	9.3	5.5	12.5	6.4	8.6	19.8	15.7	0	11.5	13.7	10	3.3	4.5	5.4	9.2	9.8	7	6	7.1	7.9	6.4	5.1	3.4	5.5	8.4	4.8	5	15.6	7.9	7.7	7.5
Dove Springs	19	10.7	4.5	13.4	21.5	5.5	8.9	9.3	5.7	12.3	0	4.7	5.4	8.1	6.8	14.4	5.6	3.1	5.9	6.9	4.6	14.5	15.7	7.8	9.5	11.2	11	8.3	10	24.5	17.5	9.3	9.1
Garrison	16.7	11.8	4.8	12.6	17.7	10	6.5	4.9	3.3	14.6	4.7	0	4.1	12.4	9.8	15.5	5.5	4.8	7.2	8.3	7.9	12.1	12	9.1	10.8	8.7	8.8	9.4	11.2	22.2	18.6	6.9	6
Gillis	14.2	7.9	1	10	16.7	5.3	4	8.8	6	10	5.3	4.1	0	7	5.9	11.7	1.6	2.4	3.3	4.3	4.6	9.7	9.3	4.5	6.7	6.3	6.1	4.5	7	19.7	14.7	4.3	3.4
Givens	12.5	2.4	6.2	6.2	15	3	5.9	14.4	12.4	3.3	9.5	10.9	6.1	0	1.4	7.9	5.7	7.1	3.6	2.7	3.4	10	7.2	1.9	2.5	4.9	6.5	1.7	3.6	18	11	5	4.6
Govalle	13	3.7	4.9	6.8	15.6	1.8	5.7	15	12.9	4.5	6.7	9.8	5.9	5.9	0	8.5	4.6	5.1	3	2	2.2	9.1	7.8	1.4	3.1	5.5	7	1.8	4.2	18.6	11.6	5.6	5.2
Kennemer	4.8	5.4	10.3	3.2	8.6	10.2	9.4	18.5	18	5.5	15	15.4	11.6	7.6	8.2	0	10	11.6	9.4	9.7	10.6	4.6	2.9	8.8	5.8	4.8	7.3	7.7	4.8	11.1	3.6	7.3	7.8
Little Stacy	14.4	6.3	0.6	8.4	16.8	4.6	4	9.9	7.4	8.7	5.3	5.2	1.5	5.4	4.3	10	0	2.4	1.8	2.8	3.8	9.8	9.4	3.5	5.1	6.2	6.1	3.7	5.8	19.8	13.4	4.4	3.3
Mabel Davis	16.2	8	1.7	14.4	19.2	4.9	5.9	9.6	6.6	10.6	3.1	4.8	2.4	7.1	5.1	11.5	2.6	0	3.7	3.7	3.8	11.6	11.6	4.4	7	8.5	8	5.1	7.3	21.6	14.6	6.2	5.4
Martin	14	5.6	2.7	7.9	16.4	3.6	3.7	12.2	9.1	6.9	7.3	7.2	3.7	3.6	2.9	9.4	2.4	3.7	0	1	4	9.5	9.2	1.7	3.9	5.5	5.7	1.8	4.8	19.4	12.4	4.1	3.3
Metz	14.2	5	3.3	8.3	16.7	2.6	4	12.5	9.6	6	6.7	8.5	4.3	2.9	1.9	9.3	2.9	3.7	1	0	3	9.8	8.5	0.8	3.6	5.7	6.1	1.5	5	19.8	12.7	4.4	3.7
Montopolis	14.2	5.8	4	8.9	18.9	0.8	6.6	12.8	9.6	6.8	4.7	7.9	4.6	3.5	2.1	10.6	4.1	3.8	4	2.6	0	12.4	10.1	3.1	5.2	7.6	8.7	3.8	6.3	21.9	14.6	7.1	6.1
Murchison	6.1	6.4	10	3.9	6.8	14.2	6.4	14.8	15.1	7.7	15.1	12.1	9.7	9.1	9.1	4.3	9.4	11.6	9.6	9.8	14.6	0	2.9	9.7	6.3	3.9	4.5	9	4.7	11.5	8.4	5.1	6.5
Northwest	5.3	4.9	9.8	1.3	9.1	10	6.6	15.3	16.6	6.4	14.8	12.6	9.3	7.2	7.8	2.9	9.6	11.4	9.2	8.5	10.4	2.9	0	9.2	4.9	2.8	5.4	7.1	3.6	11.7	7.1	5.7	6.3
Parque Zaragoza	13.8	4.2	4.2	8.2	16.3	2.6	4	13	10.5	5.5	7.7	9.2	4.5	1.9	1.4	8.8	3.9	4.4	1.7	0.8	3	9.6	9.2	0	2.9	5.1	5.6	0.7	4.3	19.4	11.9	4.2	3.7
Patterson	10	1.6	6.1	3.9	12.7	4.6	5.8	14.3	12.3	4.3	9.8	10.8	6.9	2.4	2.9	5.3	5.6	7	4.8	3.9	5	6.1	4.9	3.2	0	2.6	4.9	1.9	1.3	15.8	8.2	4.9	4.5
Ramsey	8.5	3.4	7.5	2.3	10.9	7	4	13	13.7	5.3	11.9	8.7	6.3	4.9	5.5	4.8	7	8.5	5.5	6.1	7.6	3.9	2.8	5	2.6	0	2.8	4.8	1.3	14	7.5	3.3	3.3
Reed	8.2	5.7	6.6	5.7	8.7	9.8	2.2	11.4	11.8	8.1	11.5	8.5	6	6.3	6.9	7.7	6	7.9	5.9	6.2	8.6	4.4	4.9	5.9	4.9	2.6	0	5	3.6	15.2	11.4	1.7	2.5
Rosewood	13.3	3.7	4.2	6.4	15.8	3.3	4.3	13	11	4.8	9	9.5	5.4	1.8	1.8	7.6	4.3	5.1	2.1	1.7	3.7	8.2	8.4	1	1.9	4	5	0	3.5	18.9	11.8	3.7	3
Shipe	9.4	2.7	6.3	3	11.8	5.8	5.5	14	12.5	5	10	11.1	7	3.6	4.2	4.8	5.8	7.3	4.8	5	6.3	4.7	3.6	4.3	1.3	1.3	3.8	3.4	0	14.9	7.8	4.3	4
Springswood	7.6	15.6	20.7	13.2	5.5	21.4	16.3	24.7	26.1	15.6	25	22.1	21.6	18	18.6	11.1	20	21.6	19.5	19.7	22.1	11.6	11.8	19.3	15.8	16	15.1	18.9	16.3	0	9.1	15.4	16.4
Walnut Creek	3.6	8.3	8.3	6.1	8.7	13.2	13.4	22	19	8.6	18	18.1	14.2	10.7	11.2	3.6	13	14.6	12.5	12.7	13.6	8.4	6.3	12.3	8.2	7.5	12.3	11.9	9.3	9.1	0	12.5	10.8
Westenfield	10.1	5.9	4.6	5.6	12.5	6.6	1.1	9.5	9.7	7.7	9.8	6.9	4.3	5	5.6	7.3	3.9	6.2	4.1	4.4	7.1	5.1	5.7	4.2	4.9	3.3	1.7	3.4	4.1	15.6	12.6	0	1
West Austin	10.9	5.6	3.7	5.7	13.3	6.3	1.3	9.7	9.2	7.5	9.1	6	4.3	4.6	5.2	7.8	3.1	5.4	3.3	3.7	6.1	6.5	6.3	3.2	4.5	3.3	2.5	3.3	4.3	16.4	12.2	1	0

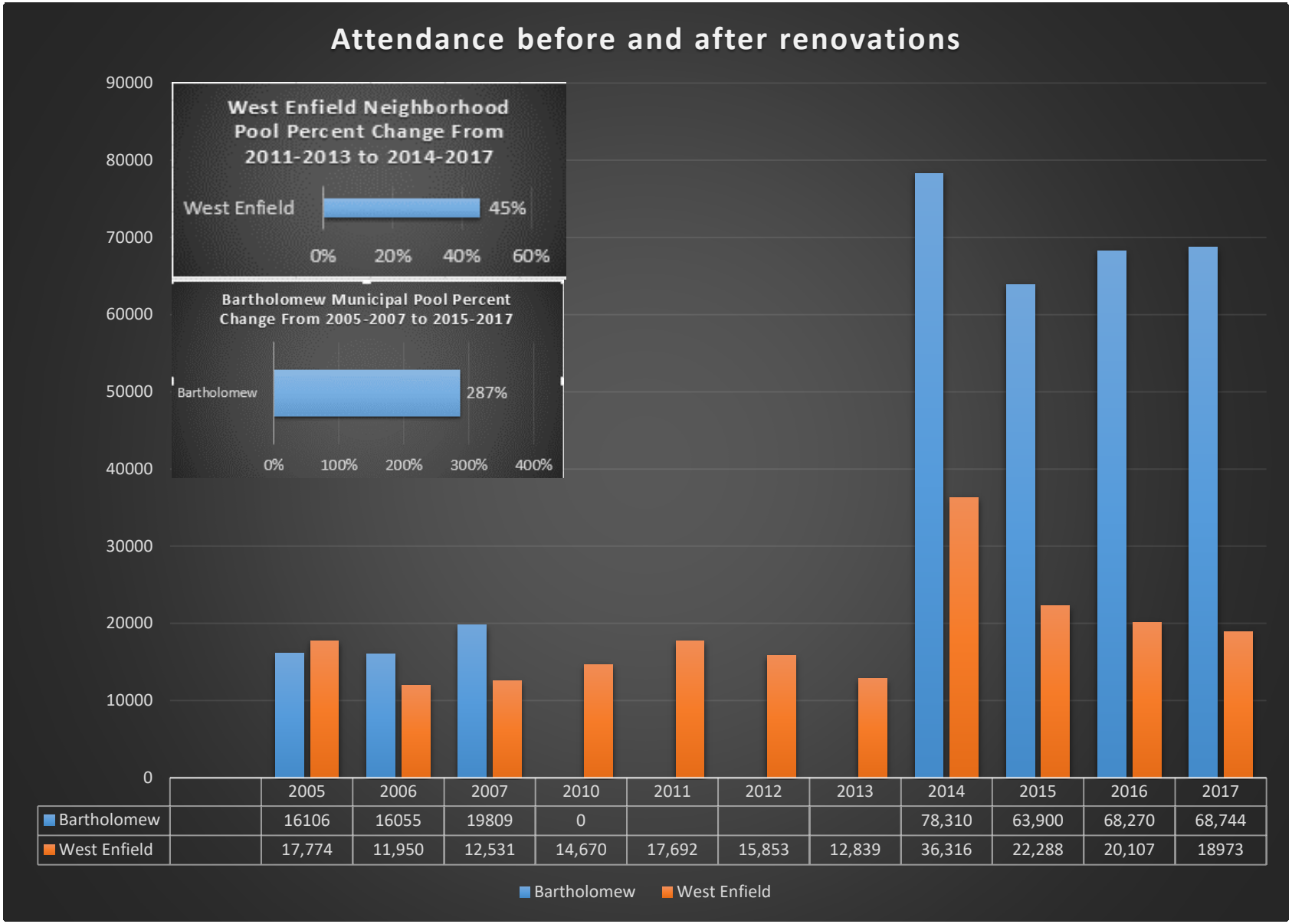
Pools that are less than or equal to 1	Pools 5 or less miles away	Pools 10 or less miles away	Greater than 10 miles



	Bartholomew	Deep Eddy	Garrison	Mabel Davis	Beverly S. Sheffield Northwest	Walnut Creek Park	Springwoods
2015	63,900	166,270	24,240	9,788	29,244	11,249	3,035
2016	68,270	168,454	26,332	10,847	47,362	20,107	9,652
2017	68,744	162,268	18,004	0	38,017	13,339	5,394


Neighborhood Pools
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
Balcones
Big Stacy
Brentwood
Canyon Vista
Civitan
Dick Nichols
Dittmar
Dottie Jordan
Dove Springs
Gillis
Givens
Govalle
Kennemer
Martin
Metz
Montopolis
Murchison
Parque Zaragoza
Patterson
Ramsey
Reed
Rosewood
Shipe
West Enfield
2015
2016
2017

POOL		2015	2016	2017
Neighborhood Pools				
Balcones Neighborhood Pool		14,774	14392	16863
Big Stacy Neighborhood Pool		57,737	32826	54660
Brentwood Neighborhood Pool		11,533	11405	13094
Canyon Vista Neighborhood Pool		8,960	6411	8704
Civitan Neighborhood Pool		2,508	782	2,832
Dick Nichols Neighborhood Pool		31,726	27142	33901
Dittmar Neighborhood Pool		27,401	23559	21777
Dottie Jordan Neighborhood Pool		7,391	10989	14036
Dove Springs Neighborhood Pool		28,278	16578	27495
Gillis Neighborhood Pool		4,051	2861	3326
Givens Neighborhood Pool		17,267	9770	Closed
Govalle Neighborhood Pool		4,243	2,396	Closed
Kennemer Neighborhood Pool		5,059	5404	5507
Martin Neighborhood Pool		12,703	8,672	11,731
Metz Neighborhood Pool		7,939	9,756	6,618
Montopolis Neighborhood Pool		7,756	7,340	11,142
Murchison Neighborhood Pool		4,262	9,523	11,502
Parque Zaragoza Neighborhood Pool		3,497	3,464	2,748
Patterson Neighborhood Pool		7,585	3,753	8,925
Ramsey Neighborhood Pool		17,178	16,326	19,565
Reed Neighborhood Pool		5,057	4,269	5,223
Rosewood Neighborhood Pool		18,505	15,182	14,446
Shipe Neighborhood Pool		19,429	13,866	Closed
West Enfield Neighborhood Pool		27,850	14,288	18,973



	2005	2006	2007	2010	2011	2012	2013	2014	2015	2016	2017
Bartholomew	16106	16055	19809	0				78,310	63,900	68,270	68,744
West Enfield	17,774	11,950	12,531	14,670	17,692	15,853	12,839	36,316	22,288	20,107	18973

Appendix B3

Pool Distances

Balcones - 12017 Amherst Dr. 78727

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
	Walnut Creek Municipal (3.6 miles)	Northwest Municipal Pool (5.3 miles) Springwoods Municipal Pool (7.6 miles)
	Neighborhood Pools Canyon Vista (4.5 miles) Kennemer Neighborhood Pool (4.8 miles)	**Neighborhood Pools** Murchison (6.2 miles) Brentwood Pool (6.8 miles) Ramsey (8.5 miles) Shipe (9.4 miles) Reed (9.7 miles) Westenfield (10 miles)

Bartholomew - 1800 E. 51st St. 78723

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
	Northwest Municipal (4.9 miles)	Deep Eddy Municipal (6.8 miles) Mabel Davis Municipal (8 miles) Walnut Creek Municipal (8.3 miles)
	Neighborhood Pools Dottie Jordan (2.3 miles) Givens (2.4 miles) Govalle (3.7 miles) Parque Zaragoza (3.9 miles) Patterson (1.8 miles) Ramsey (3.4 miles) Rosewood (3.2 miles) Shipe (2.7 miles) Brentwood (4 miles)	**Neighborhood Pools** Balcones (10 miles) Civitan (5.3 miles) Gillis (7.4 miles) Kennemer (5.4 miles) Martin (5.3 miles) Metz (5.3 miles) Montopolis (5.7 miles) Murchison (6.4 miles) Reed (6.1 miles) Big Stacy (7.1 miles) West Austin (5.6 miles) Westenfield (5.9 miles) Little Stacy (6.6 miles)

Big Stacy - E. Live Oak St. 78704

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
	Garrison (4.8 miles)	Deep Eddy (4.1 miles)
	Northwest (9.8 miles)	Mabel Davis (1.7 miles)
		Walnut Creek (8.3 miles)
Neighborhood Pools	**Neighborhood Pools**	**Neighborhood Pools**
Little Stacy (0.6 miles)	Martin (2.7 miles)	Givens (6.2 miles)
Gillis (1 mile)	Metz (3.3 miles)	Reed (6.3 miles)
	West Austin (3.7 miles)	Shipe (6.3 miles)
	Montopolis (4 miles)	Dittmar (6.6 miles)
	Parque Zaragoza (4.2 miles)	Ramsey (7.5 miles)
	Rosewood (4.4 miles)	Dottie Jordan (9.3 miles)
	Dove Springs (4.5 miles)	Brentwood (9.5 miles)
	Westenfield (4.6 miles)	Dick Nichols (9.7 miles)
	Civitan (4.7 miles)	Murchison (10 miles)
	Govalle (4.9 miles)	
	Patterson (6.1 miles)	

Brentwood - 6710 Arroyo Seca St. 78757

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away	
	Bartholomew Municipal (4.1 miles)	Deep Eddy Municipal (6.5 miles)	
	Northwest Municipal (1.3 miles)	Walnut Creek Municipal (6.1 miles)	
	Neighborhood Pools	**Neighborhood Pools**	**Neighborhood Pools**
	Dottie Jordan (5 miles)	Balcones (6.4 miles)	Montopolis (8.9 miles)
	Kennemer (3.2 miles)	Big Stacy (9.5 miles)	Parque Zaragoza (7.6 miles)
	Murchison (3.5 miles)	Canyon Vista (9.9 miles)	Reed (5.1 miles)
	Patterson (4.1 miles)	Civitan (8.5 miles)	Rosewood (7.1 miles)
	Ramsey (2.3 miles)	Gillis (9.8 miles)	West Austin (5.7 miles)
	Shipe (3 miles)	Givens (6.3 miles)	Westenfield (5.6 miles)
		Govalle (6.9 miles)	
		Little Stacy (8.9 miles)	
		Martin (7.8 miles)	
		Metz (8 miles)	

Canyon Vista - 8455 Spicewood Spings Rd. 78759

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
		Northwest Municipal (9.1 miles)
		Springwoods Municipal (5.5 miles)
		Walnut Creek Municipal (8.7 miles)
		Neighborhood Pools
		Balcones (5.1 miles)
		Brentwood Pool (9.9 miles)
		Kennemer (8.6 miles)
		Murchison (6.7 miles)

Civitan - 513 Vargas, 78741

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
	Mabel Davis Municipal (4.9 miles)	Bartholomew Municipal (5.6 miles)
		Deep Eddy Municipal (6.5 miles)
		Garrison Municipal (9.5 miles)
		Northwest Municipal (9.7)
Neighborhood Pools	**Neighborhood Pools**	**Neighborhood Pools**
Montopolis (0.8 mile)	Big Stacy (4.7)	Brentwood (8.4 miles)
	Givens (3 miles)	Dottie Jordan (6.4 miles)
	Govalle (1.8 miles)	Dove Springs (5.3 miles)
	Little Stacy (4. 8)	Gillis (8.1 miles)
	Martin (3.7 miles)	Ramsey (7.1 miles)
	Metz (2.7 miles)	Reed (8.3 miles)
	Parque Zaragoza (2.7 miles)	Shipe (5.8 miles)
	Patterson (4.8 miles)	West Austin (6.3 miles)
	Rosewood (3.2 miles)	Westenfield (6.6 miles)

Deep Eddy - 401 Deep Eddy Ave, 78703

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
		Bartholomew Municipal (7.2 miles)
		Garrison Municipal (6.3 miles)
		Mabel Davis Municipal (5.9 miles)
		Northwest Municipal (6.6 miles)
	Neighborhood Pools	**Neighborhood Pools**
	Big Stacy (4.1 miles)	Brentwood (7.4 miles)
	Gillis (3.8 miles)	Civitan (6.4 miles)
	Little Stacy (3.5)	Dick Nichols (8.9 miles)
	Martin (3.7 miles)	Dittmar (9.5 miles)
	Metz (4 miles)	Dottie Jordan (10 miles)
	Parque Zaragoza (4.1 miles)	Dove Springs (9.3 miles)
	Ramsey (4.2 miles)	Givens (6 miles)
	Reed (2.2 miles)	Govalle (5.7 miles)
	Rosewood (4.5 miles)	Kennemer (9.4 miles)
	West Austin (1.3 miles)	Montopolis (6.6 miles)
	Westenfield (1.1 miles)	Murchison (6.9 miles)
		Patterson (5.6 miles)
		Shipe (5.5 miles)

Dick Nichols - 8011 Beckett, 78749

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
	Garrison Municipal (4.9 miles)	Deep Eddy Municipal (9.2 miles)
		Mabel Davis Municipal (9.6 miles)
		Neighborhood Pools
		Big Stacy (9.7 miles)
		Dittmar (5.5 mile)
		Dove Springs (8.9 miles)
		Gillis (8.9 miles)
		Little Stacy (10 miles)
		West Austin (9.7 miles)
		Westenfield (9.5 miles)

Dittmar - 1009 W. Dittmar Rd. 78745

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
	Garrison Municipal (3.3 miles)	Mabel Davis Municipal (6.6 miles) Deep Eddy Municipal (10 miles)
		Neighborhood Pools Big Stacy (6.6 miles) Dick Nichols (5.5 miles) Dove Springs (5.6 miles) Gillis (6 miles) Little Stacy (7 miles) Martin (9.7 miles) Metz (9.8 miles) Montopolis (9.6 miles) Parque Zaragoza (9.9 miles) West Austin (9.2 miles)

Dottie Jordan - 2803 Loyola Dr. 78723

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away	
	Bartholomew Municipal (2.3 miles)	Deep Eddy Municipal (8.6 miles) Northwest Municipal (6.4 miles) Walnut Creek Municipal (7.9 miles) Mabel Davis (9.8 miles)	
	Neighborhood Pools Givens (3.3 miles) Govalle (4.5 miles) Patterson (3.4 miles) Rosewood (4.8 miles) Shipe (5 miles)	**Neighborhood Pools** Balcones (9.1 miles) Big Stacy (9.3 miles) Brentwood (5.5 miles) Civitan (6.4 miles) Gillis (10 miles) Kennemer (5.4 miles) Little Stacy (9.2 miles) Martin (7 miles) Metz (6 miles) Montopolis (7.1 miles)	**Neighborhood Pools** Murchison (7.9 miles) Parque Zaragoza (5.1 miles) Ramsey (5.5 miles) Reed (8.4 miles) West Austin (7.5 miles) Westenfield (7.7 miles)

Dove Springs - 5701 Ainez Dr. 78744

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
	Garrison Municipal (4.7 miles)	Deep Eddy Municipal (8.9 miles)
	Mabel Davis Municipal (3.1 miles)	
	Neighborhood Pool	**Neighborhood Pools**
	Big Stacy (4.5 miles)	Civitan (5.5 miles)
	Montopolis (4.6 miles)	Dittmar (5.7 miles)
		Gillis (5.4 miles)
		Givens (8.1 miles)
		Govalle (6.8 miles)
		Little Stacy (5.6 miles)
		Martin (5.9 miles)
		Metz (6.9 miles)
		Parque Zaragoza (7.8 miles)
		Patterson (9.5 miles)
		Rosewood (8.3 miles)
		Shipe (10 miles)
		West Austin (9.1 miles)
		West Enfield (9.3 miles)

Garrison - 6001 Manchaca Rd. 78745

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
	Mabel Davis Municipal (4.8 miles)	Deep Eddy Municipal (6.5 miles)
	Neighborhood Pools	**Neighborhood Pools**
	Big Stacy (4.8 miles)	Civitan (10 miles)
	Dick Nichols (4.9 miles)	Govalle (9.8 miles)
	Dittmar (3.3 miles)	Little Stacy (5.5 miles)
	Gillis (4.1 miles)	Martin (7.2 miles)
		Metz (8.3 miles)
		Montopolis (7.9 miles)
		Parque Zaragoza (9.1 miles)
		Ramsey (8.7 mile)
		Reed (8.8 miles)
		Rosewood (9.4 miles)
		West Austin (6 miles)
		Westenfield (6.9 miles)

Gillis - 2504 Durwood, 78704

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
	Deep Eddy Municipal (4 miles)	Bartholomew Municipal (7.9 miles)
	Garrison Municipal (4.1 miles)	Northwest Municipal (9.3 miles)
	Mabel Davis Municipal (2.4 miles)	
Neighborhood Pools	**Neighborhood Pools**	**Neighborhood Pools**
Big Stacy (1 mile)	Little Stacy (1.6 miles)	Brentwood (10 miles)
	Martin Pool (3.3 miles)	Civitan (5.3 miles)
	Metz (4.3 miles)	Dick Nichols (8.8 miles)
	Montopolis (4.6 miles)	Dittmar (6 miles)
	Parque Zaragoza (4.5 miles)	Dottie Jordan (10 miles)
	Rosewood (4.5 miles)	Dove Springs (5.3 miles)
	West Austin (3.4 miles)	Givens (7 miles)
	Westenfield (4.3 miles)	Govalle (5.9 miles)
		Murchison (9.7 miles)
		Patterson (6.7 miles)
		Ramsey (6.3 miles)
		Reed (6.1 miles)
		Shipe (7 miles)

Givens - 3811 E. 12th St. 78721

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away	
	Bartholomew Municipal (2.4 miles)	Deep Eddy Municipal (5.9 miles)	Mabel Davis Municipal (7.1 miles)
			Northwest Municipal (7.2 miles)
	Neighborhood Pools	**Neighborhood Pools**	
	Civitan (3 miles)	Big Stacy (6.2 miles)	
	Dottie Jordan (3.3 miles)	Brentwood (6.2 miles)	
	Govalle (1.4 miles)	Dove Springs (9.5 miles)	
	Martin (3.6 miles)	Gillis (6.1 miles)	
	Metz (2.7 miles)	Kennemer (7.9 miles)	
	Montopolis (3.4 miles)	Little Stacy (5.7 miles)	
	Parque Zaragoza (1.9 miles)	Murchison (10 miles)	
	Patterson (2.5 miles)	Reed (6.5 miles)	
	Ramsey (4.9 miles)		
	Rosewood (1.7 miles)		
	Shipe (3.6 miles)		
	West Austin (4.6 miles) Westenfield (5 miles)		

Govalle - 5200 Bolm Rd. 78721

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
	Bartholomew Municipal (3.7 miles)	Deep Eddy Municipal (5.7 miles)
		Garrison Municipal (9.8 miles)
		Mabel Davis Municipal (5.1 miles)
		Northwest Municipal (7.8 miles)
	Neighborhood Pools	**Neighborhood Pools**
	Big Stacy (4.9 miles)	Brentwood (6.8 miles)
	Civitan (1.8 miles)	Dove Springs (6.7 miles)
	Dottie Jordan (4.5 miles)	Gillis (5.9 miles)
	Givens (1.4 miles)	Kennemer (8.5 miles)
	Little Stacy (4.6 miles)	Murchison Pool (9.1 miles)
	Martin (3 miles)	Ramsey (5.5 miles)
	Metz (2 miles)	Reed (7 miles)
	Montopolis (2.2 miles)	West Austin (5.2 miles)
	Parque Zaragoza (1.4 miles)	Westenfield (5.6 miles)
	Patterson (3.1 miles)	
	Rosewood (1.8 miles)	
	Shipe (4.2 miles)	

Kennemer - 1032 Payton Gin, 78758

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away	
	Northwest Municipal (2.9 miles)	Bartholomew Municipal (5.4 miles)	
	Walnut Creek Municipal (3.6 miles)	Deep Eddy Municipal (9.4 miles)	
	Neighborhood Pools	**Neighborhood Pools**	**Neighborhood Pools**
	Balcones (4.8 miles)	Canyon Vista (8.6 miles)	Parque Zaragoza (8.8 miles)
	Brentwood (3.2 miles)	Dottie Jordan (5.5 miles)	Patterson (5.8 miles)
	Murchison (4.6 miles)	Givens (7.6 miles)	Reed (7.3 miles)
	Ramsey (4.8 miles)	Govalle (8.2 miles)	Rosewood (7.7 miles)
	Shipe (4.8 miles)	Little Stacy (10 miles)	West Austin (7.8 miles)
		Martin (9.4 miles)	West Enfield (7.3 miles)
	.	Metz (9.7 miles)	

Little Stacy - 1401 Sunset Ln, 78704

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
	Mabel Davis (2.4 miles)	Garrison (5.2 miles)
	Deep Eddy (4 miles)	Bartholomew (6.3 miles)
		Northwest (9.4 miles)
Neighborhood Pools	**Neighborhood Pools**	**Neighborhood Pools**
Big Stacy (0.6 miles)	Civitan (4.6 miles)	Brentwood (8.4 miles)
	Gillis (1.5 miles)	Dick Nichols (9.9 miles)
	Govalle (4.3 miles)	Dittmar (7.4 miles)
	Martin (1.8 miles)	Dottie Jordan (8.7 miles)
	Metz (2.8 miles)	Dove Springs (5.3 miles)
	Montopolis (3.8 miles)	Givens (5.4 miles
	Parque Zaragoza (3.5 miles)	Murchison (9.8 miles)
	Rosewood (3.7 miles)	Patterson (5.1 miles)
	West Austin (3.3 miles)	Ramsey (6.2 miles)
	Westenfield (4.4 miles)	Reed (6.1 miles)
		Shipe (5.8 miles)

Mabel Davis - 3427 Parker Ln. 78741

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
	Garrison Municipal (4.8 miles)	Deep Eddy Municipal (5.9 miles)
		Bartholomew Municipal (8 miles)
	Neighborhood Pools	**Neighborhood Pools**
	Big Stacy (1.7 miles)	Dick Nichols (9.6 miles)
	Civitan (4.9 miles)	Dittmar (6.6 miles)
	Dove Springs (3.1 miles)	Givens (7.1 miles)
	Gillis (2.4 miles)	Govalle (5.1 miles)
	Little Stacy (2.6 miles)	Patterson (7 miles)
	Martin (3.7 miles)	Ramsey (8.5 miles)
	Metz (3.7 miles)	Reed (8 miles)
	Montopolis (3.8 miles)	Rosewood (5.1 miles)
	Parque Zaragoza (4.4 miles)	Shipe (7.3 miles)
		West Austin (5.4 miles)
		West Enfield (6.2 miles)

Martin - 1626 Nash Hernandez Sr. Rd. 78702

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
	Deep Eddy Municipal (3.7 miles)	Bartholomew Municipal (5.6 miles)
	Mabel Davis Municipal (3.7 miles)	Garrison Municipal (7.2 miles)
		Northwest Municipal (9.2 miles)
Neighborhood Pools	**Neighborhood Pools**	**Neighborhood Pools**
Metz (1 mile)	Big Stacy (2.7 miles)	Brentwood (7.9 miles)
	Civitan (3.6 miles)	Dittmar (9.1 miles)
	Gillis (3.7 miles)	Dottie Jordan (6.9 miles)
	Givens (3.6 miles)	Dove Springs (7.3 miles)
	Govalle (2.9 miles)	Kennemer (9.4 miles)
	Little Stacy (2.4 miles)	Murchison (9.5 miles)
	Montopolis (4 miles)	Ramsey (5.5 miles)
	Parque Zaragoza (1.7 miles)	Reed (5.7 miles)
	Patterson (3.9 miles)	Shipe (4.8 miles)
	Rosewood (1.8 miles)	
	West Austin (3.3 miles)	
	Westenfield (4.1 miles)	

Metz - 2407 Canterbury, 78702

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
	Bartholomew Municipal (5 miles)	
	Deep Eddy Municipal (4 miles)	Garrison Municipal (8.5 miles)
	Mabel Davis Municipal (3.7 miles)	Northwest Municipal (8.5 miles)
Neighborhood Pools	**Neighborhood Pools**	**Neighborhood Pools**
Parque Zaragoza (0.8 mile)	Big Stacy (3.3 miles)	Brentwood (8.3 miles)
Martin (1 mile)	Civitan (2.6 miles)	Dittmar (9.6 miles)
	Gillis (4.3 miles)	Dottie Jordan (6 miles)
	Givens (2.9 miles)	Dove Springs (6.7 miles)
	Govalle (1.9 miles)	Kennemer (9.3 miles)
	Little Stacy (2.9 miles)	Murchison (9.8 miles)
	Montopolis (3 miles)	Ramsey (5.7 miles)
	Patterson (3.6 miles)	Reed (6.1 miles)
	Rosewood (1.5 miles)	
	Shipe (5 miles)	
	West Austin (3.7 miles)	
	Westenfield (4.4)	

Montopolis - 1200 Montopolis Dr. 78741

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
	Mabel Davis Municipal (3.8 miles)	Bartholomew Municipal (5.8 miles)
		Deep Eddy Municipal (6.6 miles)
		Garrison Municipal (7.9 miles)
Neighborhood Pools	**Neighborhood Pools**	**Neighborhood Pools**
Civitan (0.8 miles)	Big Stacy (4 miles)	Brentwood (8.9 miles)
	Dove Springs (4.7 miles)	Dittmar (9.6 miles)
	Gillis (4.6 miles)	Dottie Jordan (6.8 miles)
	Givens (3.5 miles)	Patterson (5.2 miles)
	Govalle (2.1 miles)	Ramsey (7.6 miles)
	Little Stacy (4.1 miles)	Reed (8.7 miles)
	Martin (4 miles)	Shipe (6.3 miles)
	Metz (2.6 miles)	West Austin (6.1 miles)
	Parque Zaragoza (3.1 miles)	Westenfield (7.1 miles)
	Rosewood (3.8 miles)	

Murchison - 3700 North Hills Dr. 78731

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away	
	Northwest Municipal (2.9 miles)	Bartholomew Municipal (6.4 miles)	
		Deep Eddy Municipal (6.4 miles)	
		Walnut Creek Municipal (8.4 miles)	
	Neighborhood Pools	**Neighborhood Pools**	**Neighborhood Pools**
	Brentwood (3.9 miles)	Balcones (6.1 miles)	Big Stacy (10 miles)
	Kennemer (4.3 miles)	Canyon Vista (6.8 miles)	Gillis (9.7 miles)
	Ramsey (3.9 miles)	Dottie Jordan (7.7 miles)	Givens (9.1 miles)
	Reed (4.5 miles)	Patterson (6.3 miles)	Govalle (9.1 miles)
	Shipe (4.7 miles)	Rosewood (9 miles)	Little Stacy (9.4 miles)
		West Austin (6.5 miles)	Martin (9.6 miles)
		Westenfield (5.1 miles)	Metz (9.8 miles)
			Parque Zaragoza (9.7 miles)

Northwest -7000 Ardath, 78757

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away	
	Bartholomew Municipal (4.9 miles)	Deep Eddy Municipal (6.6 miles)	
		Walnut Creek Pool (7.1 miles)	
	Neighborhood Pools	**Neighborhood Pools**	**Neighborhood Pools**
	Brentwood (1.3 miles)	Balcones (5.3 miles)	Big Stacy (9.8 miles)
	Kennemer (2.9 miles)	Civitan (10 miles)	Canyon Vista (9.1 miles)
	Murchison (2.9 miles)	Dottie Jordan (6.4 miles)	Gillis (9.3 miles)
	Patterson (4.9 miles)	Givens (7.2 miles)	Govalle (7.8 miles)
	Ramsey (2.8 miles)	Reed (5.4 miles)	Little Stacy (9.6 miles)
	Shipe (3.6 miles)	Rosewood (7.1 miles)	Martin (9.2 miles)
		West Austin (6.3 miles)	Metz (8.5 miles)
		Westenfield (5.7 miles)	Parque Zaragoza (9.2 miles)

Parque Zaragoza - 741 Pedernales St.78731

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
	Bartholomew Municipal (4.2 miles)	Garrison Municipal (9.2 miles)
	Deep Eddy Municipal (4 miles)	Northwest Municipal (9.2 miles)
	Mabel Davis Municipal (4.4 miles)	
Neighborhood Pools	**Neighborhood Pools**	**Neighborhood Pools**
Metz (0.8 mile)	Big Stacy (4.2 miles)	Brentwood (8.2 miles)
Rosewood (0.7 miles)	Civitan (2.6 miles)	Dottie Jordan (5.5)
	Gillis (4.5 miles)	Dove Springs (7.7 miles)
	Givens (1.9 miles)	Kennemer (8.8 miles)
	Govalle (1.4 miles)	Murchison (9.6 miles)
	Little Stacy (3.9 miles)	Ramsey (5.1 miles)
	Martin (1.7 miles)	Reed (5.6 miles)
	Montopolis (3 miles)	
	Patterson (2.9 miles)	
	West Austin (3.7 miles)	
	Westenfield (4.2 miles)	

Patterson - 4200 Brookview Rd. 78722

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away		Pools 10 or less miles away
	Bartholomew Municipal (1.6 miles)		
	Northwest Municipal (4.9 miles)		Deep Eddy Municipal (5.8 miles)
	Neighborhood Pools		Mabel Davis Municipal (7 miles)
	Shipe (1.3 miles)		Walnut Creek Municipal (8.2 miles)
	Rosewood (1.9 miles)		
	Givens (2.4 miles)		**Neighborhood Pools**
	Ramsey (2.6)		Balcones (10 miles)
	Govalle (2.9 miles)		Dove Springs (9.8 miles)
	Parque Zaragoza (3.2 miles)		Gillis (6.9 miles)
	Brentwood (3.9 miles)		Kennemer (5.3 miles)
	Metz (3.9 miles)		Murchison (6.1 miles)
	Dottie Jordan (4.3 miles)		
	West Austin (4.5 miles)		
	Civitan (4.6 miles)		
	Martin (4.8 miles)		
	Reed (4.9 miles)		
	Westenfield (4.9 miles)	Little Stacy (5.6 miles)	
	Montopolis (5 miles)	Big Stacy (6.1 miles)	

Ramsey - 4201 Burnet Rd. 78756

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
	Bartholomew Municipal (3.4 miles)	Garrison Municipal (8.7 miles)
	Deep Eddy Municipal (4 miles)	Mabel Davis Municipal (8.5 miles)
	Northwest Municipal (2.8 miles)	Walnut Creek Municipal (7.5 miles)
	Neighborhood Pools	**Neighborhood Pools**
	Brentwood (2.3 miles)	Balcones (8.5 miles)
	Givens (4.9 miles)	Big Stacy (7.5 miles)
	Kennemer (4.8 miles)	Civitan (7 miles)
	Murchison (3.9 miles)	Dottie Jordan (5.3 miles)
	Parque Zaragoza (5 miles)	Gillis (6.3 miles)
	Patterson (2.6 miles)	Govalle (5.5 miles)
	Reed (2.8 miles)	Little Stacy (7 miles)
	Rosewood (4.8 miles)	Martin (5.5 miles)
	Shipe (1.3 miles)	Metz (6.1 miles)
	West Austin (3.3 miles)	Montopolis (7.6 miles)
	Westenfield (3.3 miles)	

Reed - 2600 Pecos St. 78703

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away	
	Bartholomew Municipal (5.7 miles)	Garrison Municipal (8.5 miles)	
	Deep Eddy Municipal (2.2 miles)	Mabel Davis Municipal (7.9 miles)	
	Northwest Municipal (4.9 miles)		
	Neighborhood Pools	**Neighborhood Pools**	**Neighborhood Pools**
	Brentwood (3.6 miles)	Brentwood 5.7 miles)	Balcones (8.2 miles)
	Murchison (4.4 miles	Dottie Jordan (8.1 miles)	Balcones (9.7 miles)
	Patterson (4.9 miles)	Gillis (6 miles)	Big Stacy (6.6 miles)
	Ramsey (2.6 miles)	Givens (6.3 miles)	Canyon Vista (8.7 miles)
	Rosewood (5 miles)	Little Stacy (6 miles)	Civitan (9.8 miles)
	Shipe (3.6 miles)	Martin (5.9 miles)	Govalle (6.9 miles)
	West Austin (2.5 miles)	Metz (6.2 miles)	Kennemer (7.7 miles)
	Westenfield (1.7 miles)	Parque Zaragoza (5.9 miles)	Montopolis (8.6 miles)

Rosewood - 1182 Pleasant Valley, 78702

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
	Bartholomew (3.7 miles)	Garrison (9.5 miles)
	Deep Eddy (4.3 miles)	Mabel Davis (5.1 miles)
		Northwest (8.4 miles)
Neighborhood Pools	**Neighborhood Pools**	**Neighborhood Pools**
Parque Zaragoza (1 mile)	Big Stacy (4.2 miles)	Brentwood (6.4 miles)
	Civitan (3.3 miles)	Dove Springs (9 miles)
	Dottie Jordan (4.8 miles)	Gillis (5.4 miles)
	Givens (1.8 miles)	Kennemer (7.6 miles)
	Govalle (1.8 miles)	Murchison (8.2 miles)
	Little Stacy (4.3 miles)	
	Martin (2.1 miles)	
	Metz (1.7 miles)	
	Montopolis (3.7 miles)	
	Patterson (1.9 miles)	
	Ramsey (4 miles)	
	Reed (5 miles)	
	Shipe (3.5 miles)	
	West Austin (3 miles)	
	Westenfield (3.7 miles)	

Shipe - 4400 Avenue G, 78751

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
	Bartholomew (2.7 miles)	Deep Eddy Municipal (5.5 miles)
	Northwest Municipal (3.6 miles)	Mabel Davis Municipal (7.3 miles)
	Neighborhood Pools	Walnut Creek (7.8 miles)
	Big Stacy (6.3 miles)	**Neighborhood Pools**
	Brentwood (3 miles)	Balcones (9.4 miles)
	Dottie Jordan (5 miles)	Big Stacy (6.3 miles)
	Givens (3.6 miles)	Civitan (5.8 miles)
	Govalle (4.2 miles)	Dove Springs (10 miles)
	Kennemer (4.8 miles)	Gillis (7 miles)
	Little Stacy (5.8 miles	Montopolis (6.3 miles)
	Martin (4.8 miles)	
	Metz (5 miles)	
	Murchison (4.7 miles)	
	Parque Zaragoza (4.3 miles)	
	Patterson (1.3 miles)	
	Ramsey (1.3 miles)	
	Reed (3.8 miles) Rosewood (3.4 miles)	
	West Austin (4 miles)	
	Westenfield (4.3 miles)	

Springwoods - 13340 Lyndhurst St. 78729

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
		Walnut Creek (9.1 miles)
		Neighborhood Pools
		Canyon Vista (5.5 miles)
		Balcones (7.6 miles)

Walnut Creek - 12138 N. Lamar, 78758

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
		Northwest (6.3 miles)
		Bartholomew (8.3 miles)
		Springwoods Pool (9.1 miles)
	Neighborhood Pools	**Neighborhood Pools**
	Balcones (3.6 miles)	Brentwood (6.1 miles)
	Kennemer (3.6 miles)	Ramsey (7.5 miles)
		Patterson (8.2 miles)
		Big Stacy (8.3 miles)
		Murchison (8.4 miles)
		Canyon Vista (8.7 miles)
		Shipe (9.3 miles)

Westenfield - 2008 Enfield Rd. 78703

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
West Austin Pool (1 mile)	Deep Eddy Municipal (1.1 miles)	Bartholomew (5.9 miles)
		Garrison Municipal (6.9 miles)
		Mabel Davis Municipal (6.2 miles)
	Neighborhood Pools	Northwest Municipal (5.7 miles)
	Big Stacy (4.6 miles)	
	Gillis (4.3 miles)	**Neighborhood Pools**
	Givens (5 miles)	Brentwood (5.6 miles)
	Martin (4.1 miles)	Civitan (6.6 miles)
	Metz (4.4 miles)	Dich Nichols (9.5 miles)
	Parque Zaragoza (4.2 miles)	Dittmar (9.7 miles)
	Patterson (4.9 miles)	Dottie Jordan (7.7 miles)
	Ramsey (3.3 miles)	Dove Springs (9.8 miles)
	Reed (1.7 miles)	Govalle (5.6 miles)
	Rosewood (3.4 miles)	Kennermer (7.3 miles)
	Shipe (4.1 miles)	Montopolis (7.1 miles)
	Stacy Wading (3.9 miles)	Murchison (5.1 miles)

West Austin - 1317 W. 10th St. 78703

Pools that are less than or equal to 1 mile away	Pools 5 or less miles away	Pools 10 or less miles away
West Enfield (1 mile)	Deep Eddy Municipal (1.3 miles)	Mabel Davis Municipal (5.4 miles)
		Bartholomew (5.6 miles)
		Garrison Municipal (6 miles)
		Northwest Municipal (6.3 miles)
	Neighborhood Pools	**Neighborhood Pools**
	Big Stacy (3.7 miles)	Brentwood (5.7 miles)
	Gillis (4.3 miles)	Civitan (6.3 miles)
	Givens (4.6 miles)	Dick Nichols (9.7 miles)
	Martin (3.3 miles)	Dittmar (9.2 miles)
	Metz (3.7 miles)	Dottie Jordan (7.5 miles)
	Parque Zaragoza (3.2 miles)	Dove Springs (9.1 miles)
	Patterson (4.5 miles)	Govalle (5.2 miles)
	Ramsey (3.3 miles)	Kennemer (7.8 miles)
	Reed (2.5 miles)	Montopolis (6.1 miles)
	Rosewood Pool (3.3)	Murchison (6.5 miles)
	Shipe (4.3 miles)	
	Stacy Wading (3.1 miles)	

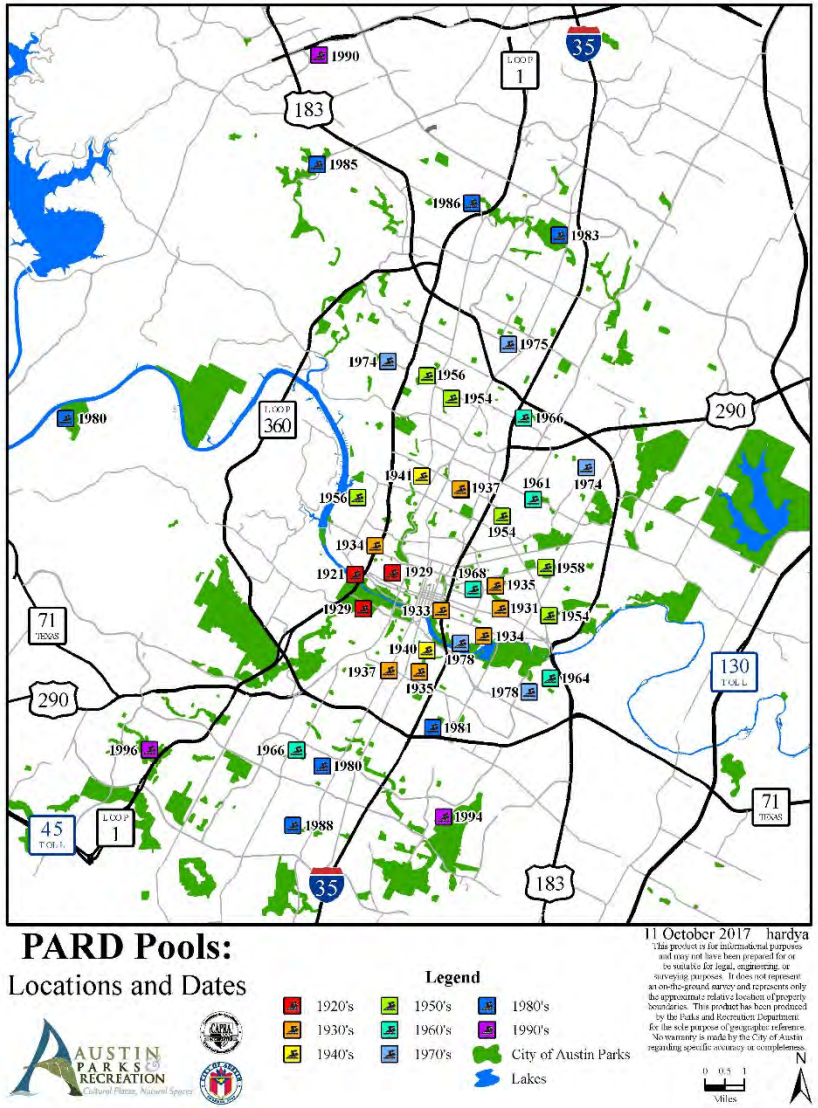
Appendix B4

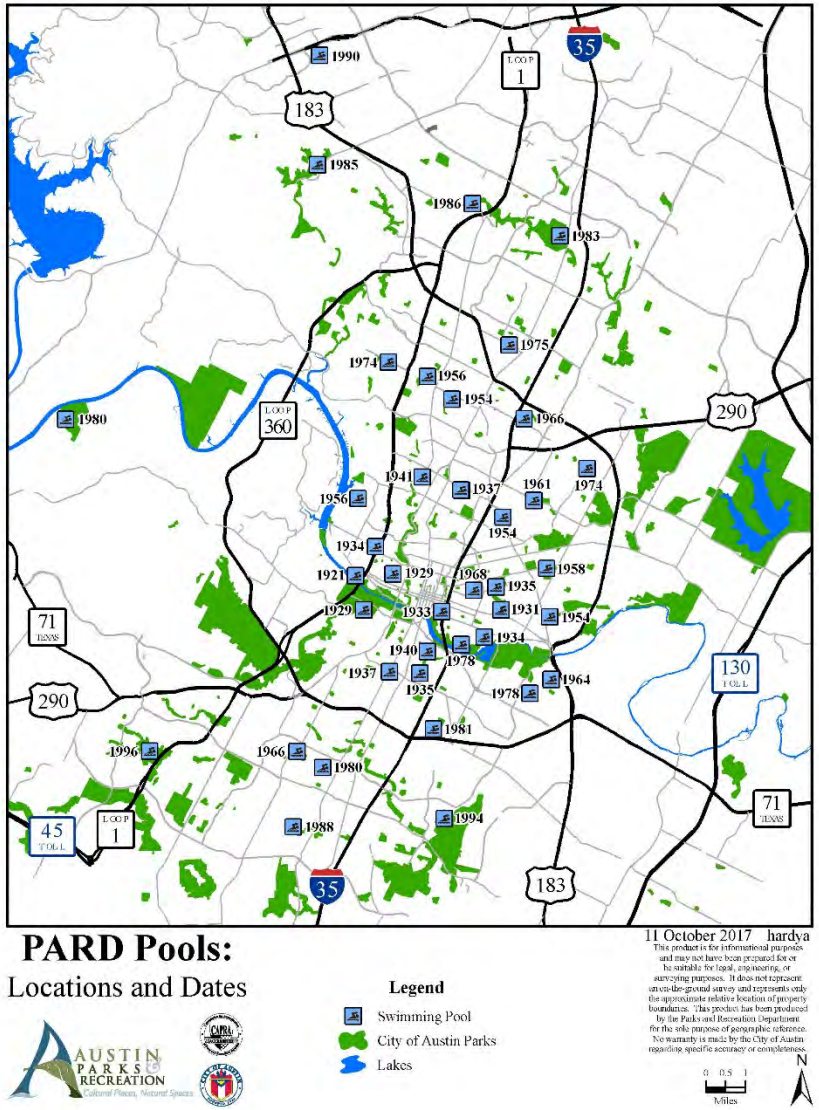
Presentation

City of Austin Aquatic Master Plan Task Force

October 16, 2017

Historical and Cultural Importance

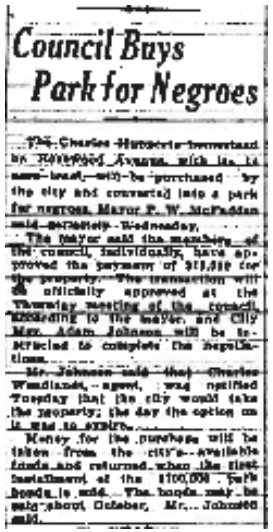




Historical and Cultural Importance

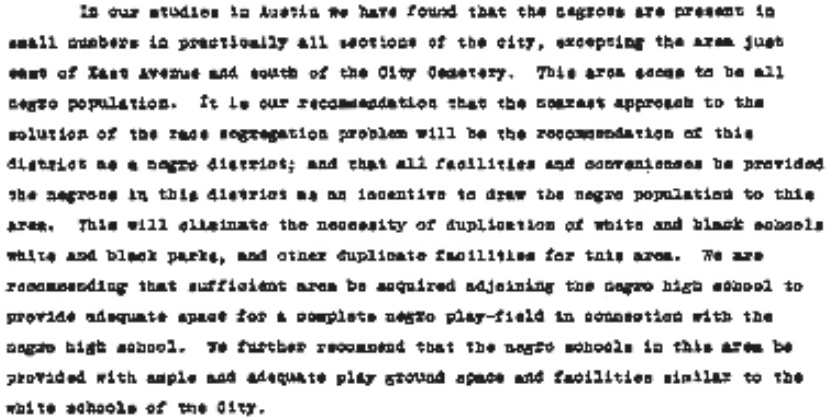
Negro Swimming Pool Site Chosen

Rosewood Park



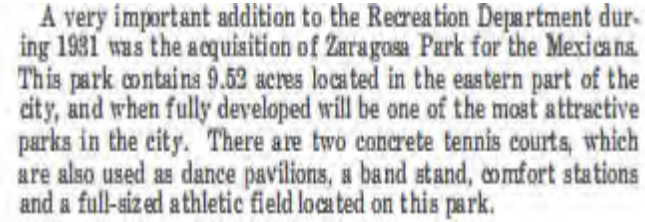
Council Buys Park for Negroes

Property purchase for Rosewood
American Statesman 19xx



In our studies in Austin we have found that the negroes are present in small numbers in practically all sections of the city, excepting the area just east of East Avenue and south of the City Cemetery. This area seems to be all negro population. It is our recommendation that the nearest approach to the solution of the race segregation problem will be the recommendation of this district as a negro district; and that all facilities and conveniences be provided the negroes in this district as an incentive to draw the negro population to this area. This will eliminate the necessity of duplication of white and black schools white and black parks, and other duplicate facilities for this area. We are recommending that sufficient area be acquired adjoining the negro high school to provide adequate space for a complete negro play-field in connection with the negro high school. We further recommend that the negro schools in this area be provided with ample and adequate play ground space and facilities similar to the white schools of the City.

Excerpt from 1928 Austin Master Plan



A very important addition to the Recreation Department during 1931 was the acquisition of Zaragosa Park for the Mexicans. This park contains 9.52 acres located in the eastern part of the city, and when fully developed will be one of the most attractive parks in the city. There are two concrete tennis courts, which are also used as dance pavilions, a band stand, comfort stations and a full-sized athletic field located on this park.

1931 Acquisition of Parque Zaragoza

Historical and Cultural Importance

Preservation Austin:

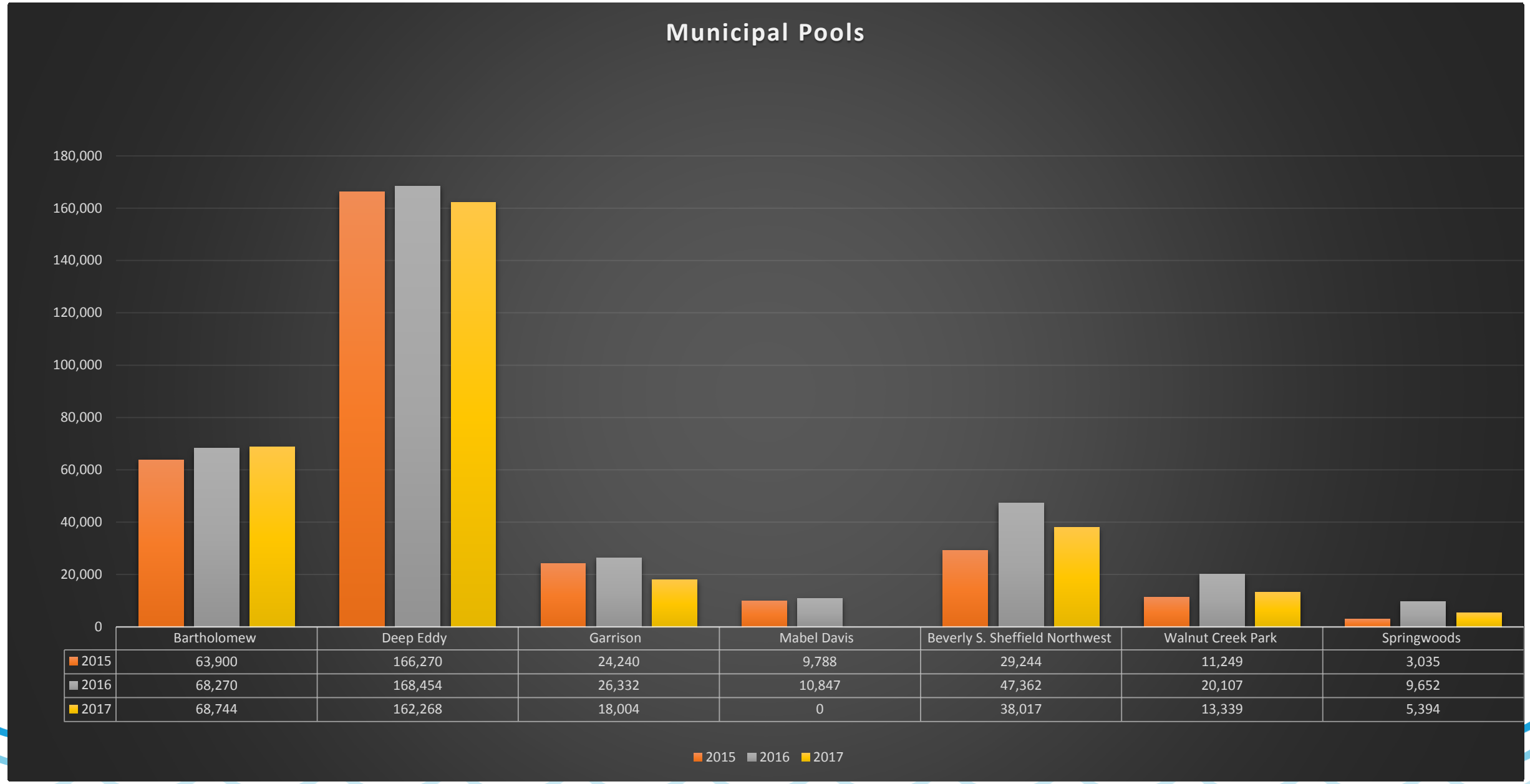
- Eligible designation – 50 year plus
- City of Austin Historic Districts
- Secretary of Interior's National Criteria for Evaluation
- Designated Historic resources
  - Barton Springs Pool
  - Deep Eddy
- Some pools are 'contributing resources' such as Shipe and West Austin
- Additional Criteria merits designation
- Historic Preservation: A Planning Tool
-

Geographic and Attendance Information

Pool Name	Balcones	Bartholomew	Big Stacy	Brentwood	Canyon Vista	Civitan	Deep Eddy	Dick Nichols	Dittmar	Dottie Jordan	Dove Springs	Garrison	Gillis	Givens	Govalle	Kennemer	Little Stacy	Mabel Davis	Martin	Metz	Montopolis	Murchison	Northwest	Parque Zaragoza	Patterson	Ramsey	Reed	Rosewood	Shipe
Balcones	0	10.2	14.5	6.8	4.6	16.1	10.9	19.3	20.3	21	19.5	16.6	14.1	13.1	15.2	4.8	11.9	16.2	14	12.9	16.4	6.2	5.3	14	10.4	8.5	9.7	13.4	9.5
Bartholomew	10	0	7.1	4	12.8	6.7	6.8	16.9	15.3	2.3	11.4	11.9	7.4	2.4	3.7	5.4	6.6	8	5.3	5.3	5.7	6.4	4.9	3.9	1.8	3.4	6.1	3.2	2.7
Big Stacy	12.3	6.9	0	9.5	20.7	4.7	4.1	10.8	6.6	9.3	4.5	4.8	1	6.2	4.9	10.6	0.6	1.7	2.7	3.3	4	10	9.8	4.2	6.1	7.5	6.3	4.4	6.3
Brentwood	6.4	4.1	9.5	0	9.9	8.5	6.5	15	16.7	5	14.1	12.3	9.8	6.3	6.9	3.2	8.9	14.4	7.8	8	8.9	3.5	1.3	7.6	4.1	2.3	5.1	7.1	3
Canyon Vista	5.1	13.2	17.4	9.9	0	17.9	13.2	20.9	21.7	13.1	22.5	18.3	17.1	15.6	16.2	8.6	16.9	19.2	17	17.3	18.2	6.7	9.1	16.9	13.4	11.3	11.8	16.4	12.5
Civitan	14.8	5.6	4.7	8.4	17.3	0	6.5	15	11.8	6.4	5.3	9.5	8.1	3	1.8	10.2	4.8	4.9	3.7	2.7	0.8	14.4	9.7	2.7	4.8	7.1	8.3	3.2	5.8
Deep Eddy	11.5	7.2	4.1	7.4	14	6.4	0	8.9	9.5	10	9.3	6.3	3.8	6	5.7	9.4	3.5	5.9	3.7	4	6.6	6.9	6.6	4.1	5.6	4.2	2.2	4.5	5.5
Dick Nichols	19.5	15.5	9.7	15.3	20.5	14.6	9.2	0	5.5	19	8.9	4.9	8.9	14.4	14	18.4	10	9.6	12	12.3	12.8	14.9	14.8	12.7	14.1	13	11.5	13	14
Dittmar	20.3	12.6	6.6	15.3	22.7	10.7	10	5.5	0	15.9	5.6	3.3	6	11.7	11.9	16.3	7	6.6	9.7	9.8	9.6	14.6	15.8	9.9	11.6	13.2	12.3	10.3	12.5
Dottie Jordan	9.1	2.3	9.3	5.5	12.5	6.4	8.6	19.8	15.7	0	11.5	13.7	10	3.3	4.5	5.4	9.2	9.8	7	6	7.1	7.9	6.4	5.1	3.4	5.5	8.4	4.8	5
Dove Springs	19	10.7	4.5	13.4	21.5	5.5	8.9	9.3	5.7	12.3	0	4.7	5.4	8.1	6.8	14.4	5.6	3.1	5.9	6.9	4.6	14.5	15.7	7.8	9.5	11.2	11	8.3	10
Garrison	16.7	11.8	4.8	12.6	17.7	10	6.5	4.9	3.3	14.6	4.7	0	4.1	12.4	9.8	15.5	5.5	4.8	7.2	8.3	7.9	12.1	12	9.1	10.8	8.7	8.8	9.4	11.2
Gillis	14.2	7.9	1	10	16.7	5.3	4	8.8	6	10	5.3	4.1	0	7	5.9	11.7	1.6	2.4	3.3	4.3	4.6	9.7	9.3	4.5	6.7	6.3	6.1	4.5	7
Givens	12.5	2.4	6.2	6.2	15	3	5.9	14.4	12.4	3.3	9.5	10.9	6.1	0	1.4	7.9	5.7	7.1	3.6	2.7	3.4	10	7.2	1.9	2.5	4.9	6.5	1.7	3.6
Govalle	13	3.7	4.9	6.8	15.6	1.8	5.7	15	12.9	4.5	6.7	9.8	5.9	5.9	0	8.5	4.6	5.1	3	2	2.2	9.1	7.8	1.4	3.1	5.5	7	1.8	4.2
Kennemer	4.8	5.4	10.3	3.2	8.6	10.2	9.4	18.5	18	5.5	15	15.4	11.6	7.6	8.2	0	10	11.6	9.4	9.7	10.6	4.6	2.9	8.8	5.8	4.8	7.3	7.7	4.8
Little Stacy	14.4	6.3	0.6	8.4	16.8	4.6	4	9.9	7.4	8.7	5.3	5.2	1.5	5.4	4.3	10	0	2.4	1.8	2.8	3.8	9.8	9.4	3.5	5.1	6.2	6.1	3.7	5.8
Mabel Davis	16.2	8	1.7	14.4	19.2	4.9	5.9	9.6	6.6	10.6	3.1	4.8	2.4	7.1	5.1	11.5	2.6	0	3.7	3.7	3.8	11.6	11.6	4.4	7	8.5	8	5.1	7.3
Martin	14	5.6	2.7	7.9	16.4	3.6	3.7	12.2	9.1	6.9	7.3	7.2	3.7	3.6	2.9	9.4	2.4	3.7	0	1	4	9.5	9.2	1.7	3.9	5.5	5.7	1.8	4.8
Metz	14.2	5	3.3	8.3	16.7	2.6	4	12.5	9.6	6	6.7	8.5	4.3	2.9	1.9	9.3	2.9	3.7	1	0	3	9.8	8.5	0.8	3.6	5.7	6.1	1.5	5
Montopolis	14.2	5.8	4	8.9	18.9	0.8	6.6	12.8	9.6	6.8	4.7	7.9	4.6	3.5	2.1	10.6	4.1	3.8	4	2.6	0	12.4	10.1	3.1	5.2	7.6	8.7	3.8	6.3
Murchison	6.1	6.4	10	3.9	6.8	14.2	6.4	14.8	15.1	7.7	15.1	12.1	9.7	9.1	9.1	4.3	9.4	11.6	9.6	9.8	14.6	0	2.9	9.7	6.3	3.9	4.5	9	4.7
Northwest	5.3	4.9	9.8	1.3	9.1	10	6.6	15.3	16.6	6.4	14.8	12.6	9.3	7.2	7.8	2.9	9.6	11.4	9.2	8.5	10.4	2.9	0	9.2	4.9	2.8	5.4	7.1	3.6
Parque Zaragoza	13.8	4.2	4.2	8.2	16.3	2.6	4	13	10.5	5.5	7.7	9.2	4.5	1.9	1.4	8.8	3.9	4.4	1.7	0.8	3	9.6	9.2	0	2.9	5.1	5.6	0.7	4.3
Patterson	10	1.6	6.1	3.9	12.7	4.6	5.8	14.3	12.3	4.3	9.8	10.8	6.9	2.4	2.9	5.3	5.6	7	4.8	3.9	5	6.1	4.9	3.2	0	2.6	4.9	1.9	1.3
Ramsey	8.5	3.4	7.5	2.3	10.9	7	4	13	13.7	5.3	11.9	8.7	6.3	4.9	5.5	4.8	7	8.5	5.5	6.1	7.6	3.9	2.8	5	2.6	0	2.8	4.8	1.3
Reed	8.2	5.7	6.6	5.7	8.7	9.8	2.2	11.4	11.8	8.1	11.5	8.5	6	6.3	6.9	7.7	6	7.9	5.9	6.2	8.6	4.4	4.9	5.9	4.9	2.6	0	5	3.6
Rosewood	13.3	3.7	4.2	6.4	15.8	3.3	4.3	13	11	4.8	9	9.5	5.4	1.8	1.8	7.6	4.3	5.1	2.1	1.7	3.7	8.2	8.4	1	1.9	4	5	0	3.5
Shipe	9.4	2.7	6.3	3	11.8	5.8	5.5	14	12.5	5	10	11.1	7	3.6	4.2	4.8	5.8	7.3	4.8	5	6.3	4.7	3.6	4.3	1.3	1.3	3.8	3.4	0
Springswood	7.6	15.6	20.7	13.2	5.5	21.4	16.3	24.7	26.1	15.6	25	22.1	21.6	18	18.6	11.1	20	21.6	19.5	19.7	22.1	11.6	11.8	19.3	15.8	16	15.1	18.9	16.3
Walnut Creek	3.6	8.3	8.3	6.1	8.7	13.2	13.4	22	19	8.6	18	18.1	14.2	10.7	11.2	3.6	13	14.6	12.5	12.7	13.6	8.4	6.3	12.3	8.2	7.5	12.3	11.9	9.3
Westenfield	10.1	5.9	4.6	5.6	12.5	6.6	1.1	9.5	9.7	7.7	9.8	6.9	4.3	5	5.6	7.3	3.9	6.2	4.1	4.4	7.1	5.1	5.7	4.2	4.9	3.3	1.7	3.4	4.1
West Austin	10.9	5.6	3.7	5.7	13.3	6.3	1.3	9.7	9.2	7.5	9.1	6	4.3	4.6	5.2	7.8	3.1	5.4	3.3	3.7	6.1	6.5	6.3	3.2	4.5	3.3	2.5	3.3	4.3

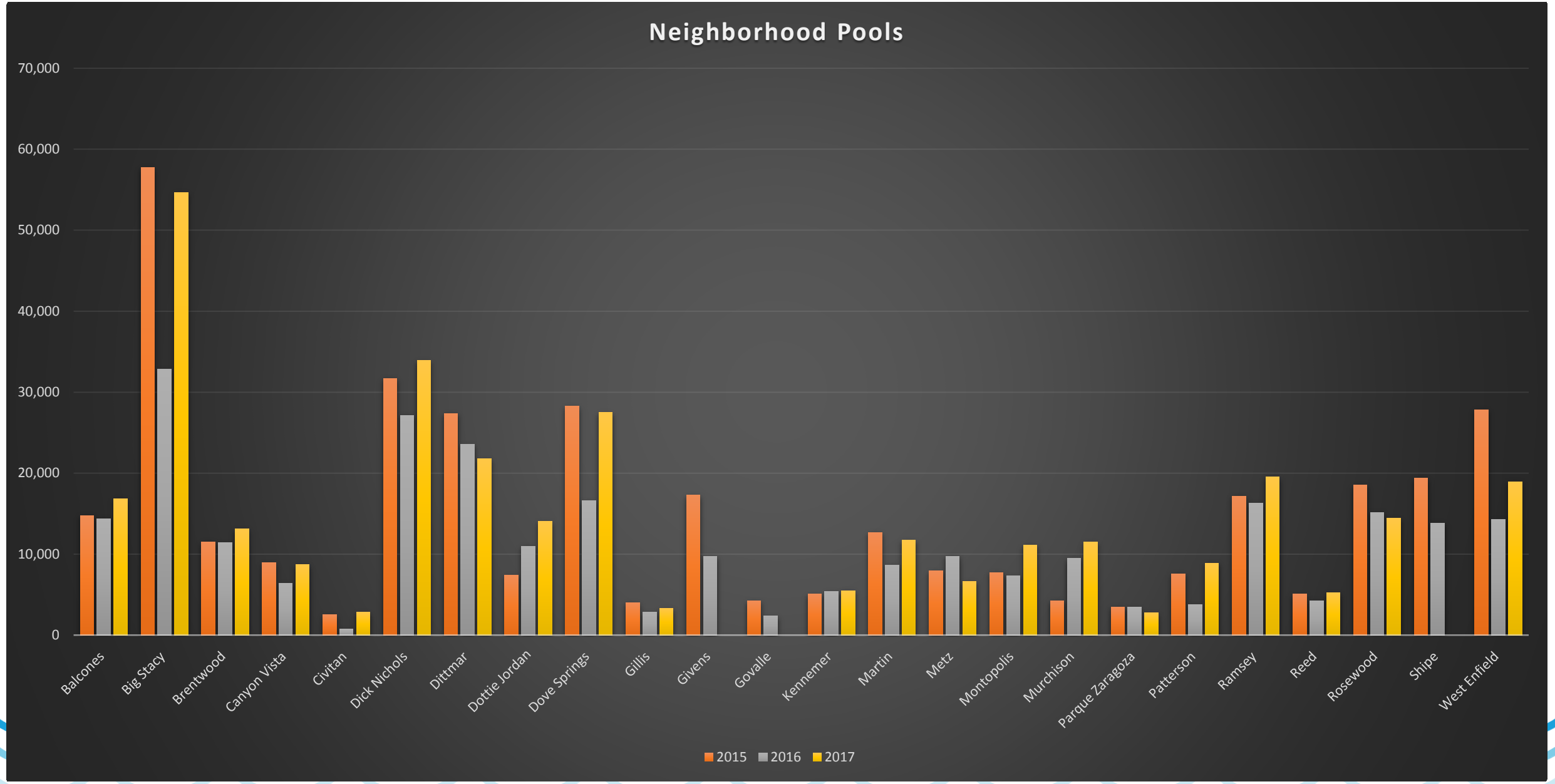
Pools that are less than or	Pools 5 or less miles away	Pools 10 or less miles away	Greater than 10 mile

Attendance Municipal Pools



	Bartholomew	Deep Eddy	Garrison	Mabel Davis	Beverly S. Sheffield Northwest	Walnut Creek Park	Springwoods
2015	63,900	166,270	24,240	9,788	29,244	11,249	3,035
2016	68,270	168,454	26,332	10,847	47,362	20,107	9,652
2017	68,744	162,268	18,004	0	38,017	13,339	5,394

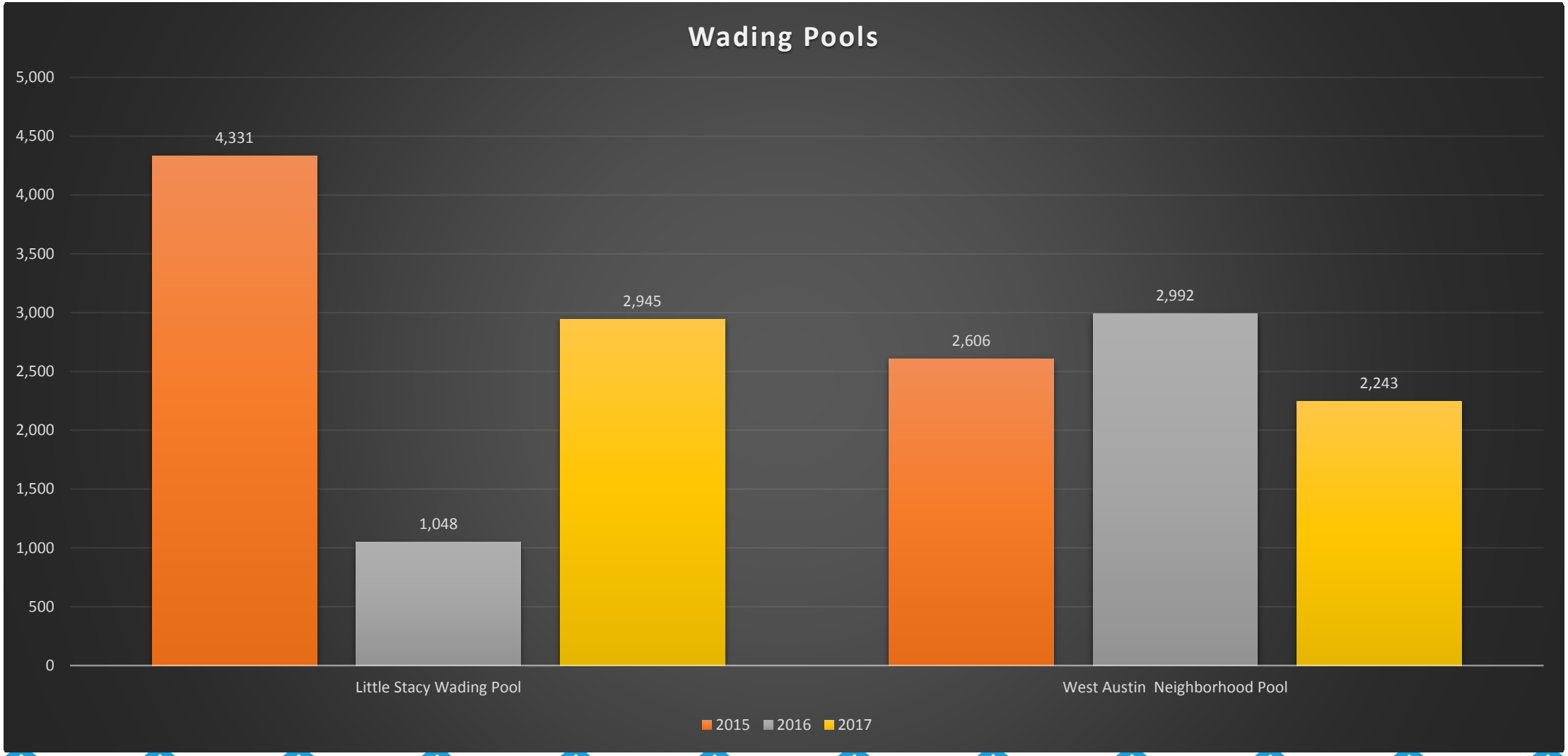
Attendance at Neighborhood Pools



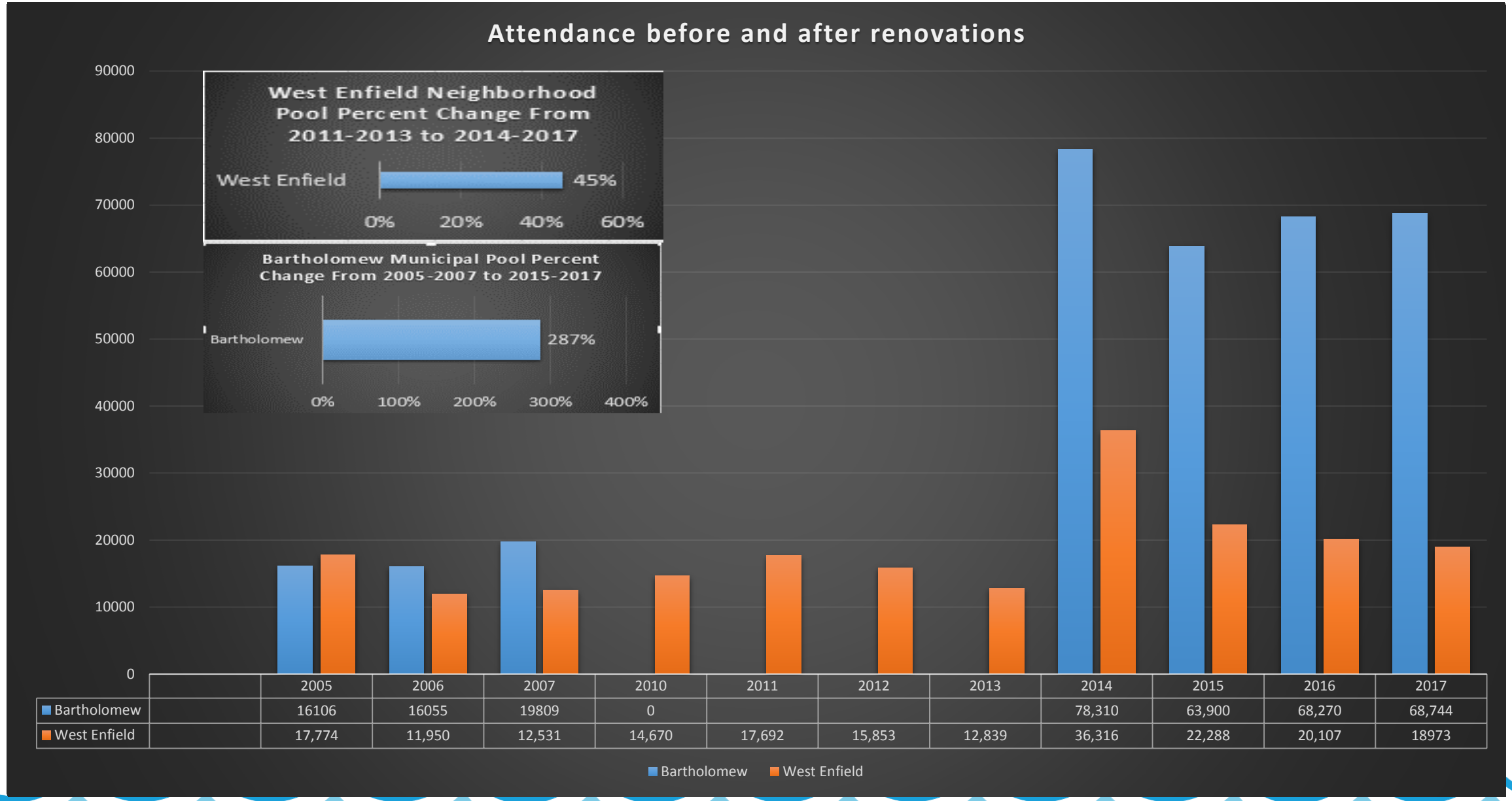
Attendance

POOL	2015	2016	2017
Neighborhood Pools			
Balcones Neighborhood Pool	14,774	14392	16863
Big Stacy Neighborhood Pool	57,737	32826	54660
Brentwood Neighborhood Pool	11,533	11405	13094
Canyon Vista Neighborhood Pool	8,960	6411	8704
Civitan Neighborhood Pool	2,508	782	2,832
Dick Nichols Neighborhood Pool	31,726	27142	33901
Dittmar Neighborhood Pool	27,401	23559	21777
Dottie Jordan Neighborhood Pool	7,391	10989	14036
Dove Springs Neighborhood Pool	28,278	16578	27495
Gillis Neighborhood Pool	4,051	2861	3326
Givens Neighborhood Pool	17,267	9770	Closed
Govalle Neighborhood Pool	4,243	2,396	Closed
Kennemer Neighborhood Pool	5,059	5404	5507
Martin Neighborhood Pool	12,703	8,672	11,731
Metz Neighborhood Pool	7,939	9,756	6,618
Montopolis Neighborhood Pool	7,756	7,340	11,142
Murchison Neighborhood Pool	4,262	9,523	11,502
Parque Zaragoza Neighborhood Pool	3,497	3,464	2,748
Patterson Neighborhood Pool	7,585	3,753	8,925
Ramsey Neighborhood Pool	17,178	16,326	19,565
Reed Neighborhood Pool	5,057	4,269	5,223
Rosewood Neighborhood Pool	18,505	15,182	14,446
Shipe Neighborhood Pool	19,429	13,866	Closed
West Enfield Neighborhood Pool	27,850	14,288	18,973

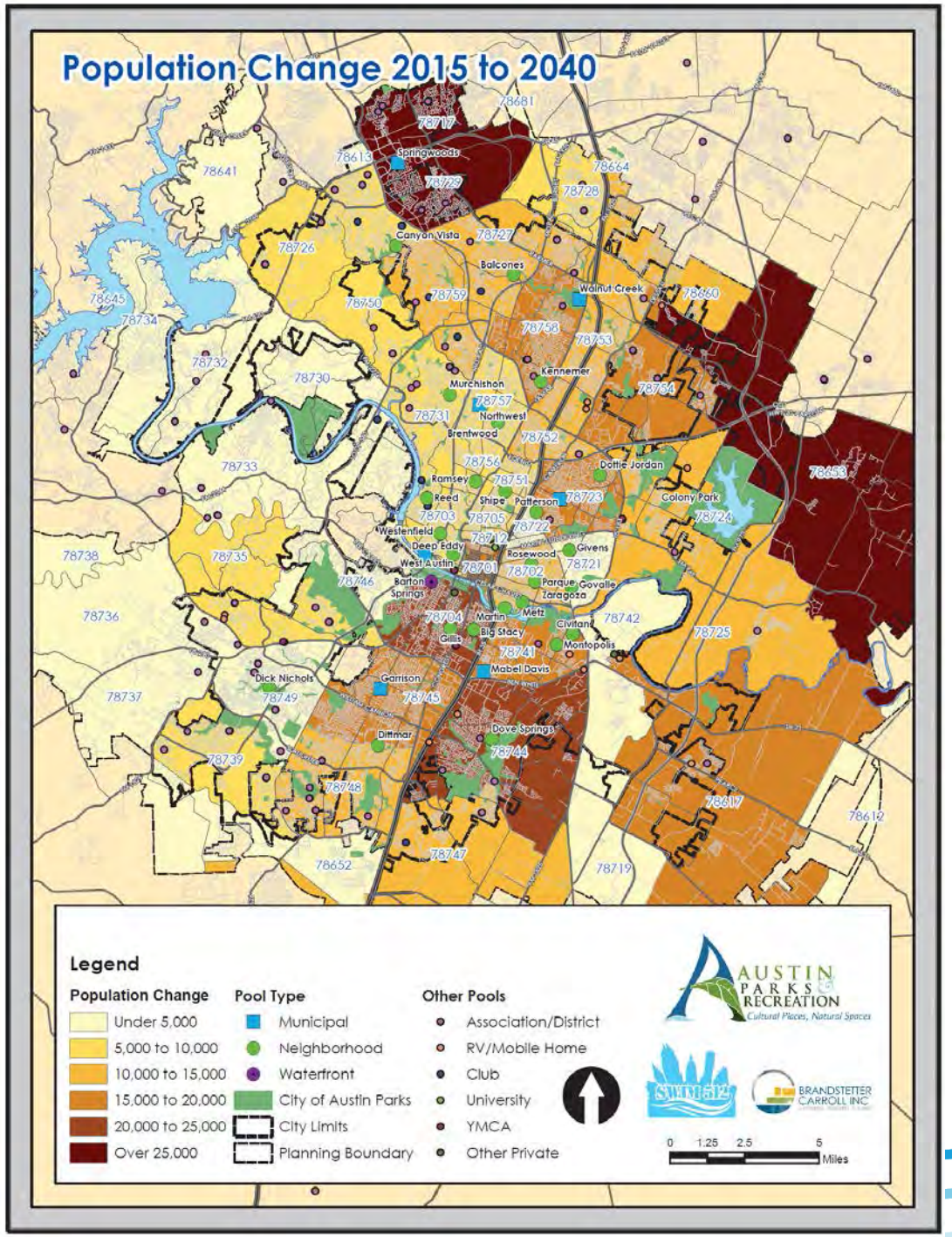
Attendance at Wading Pools

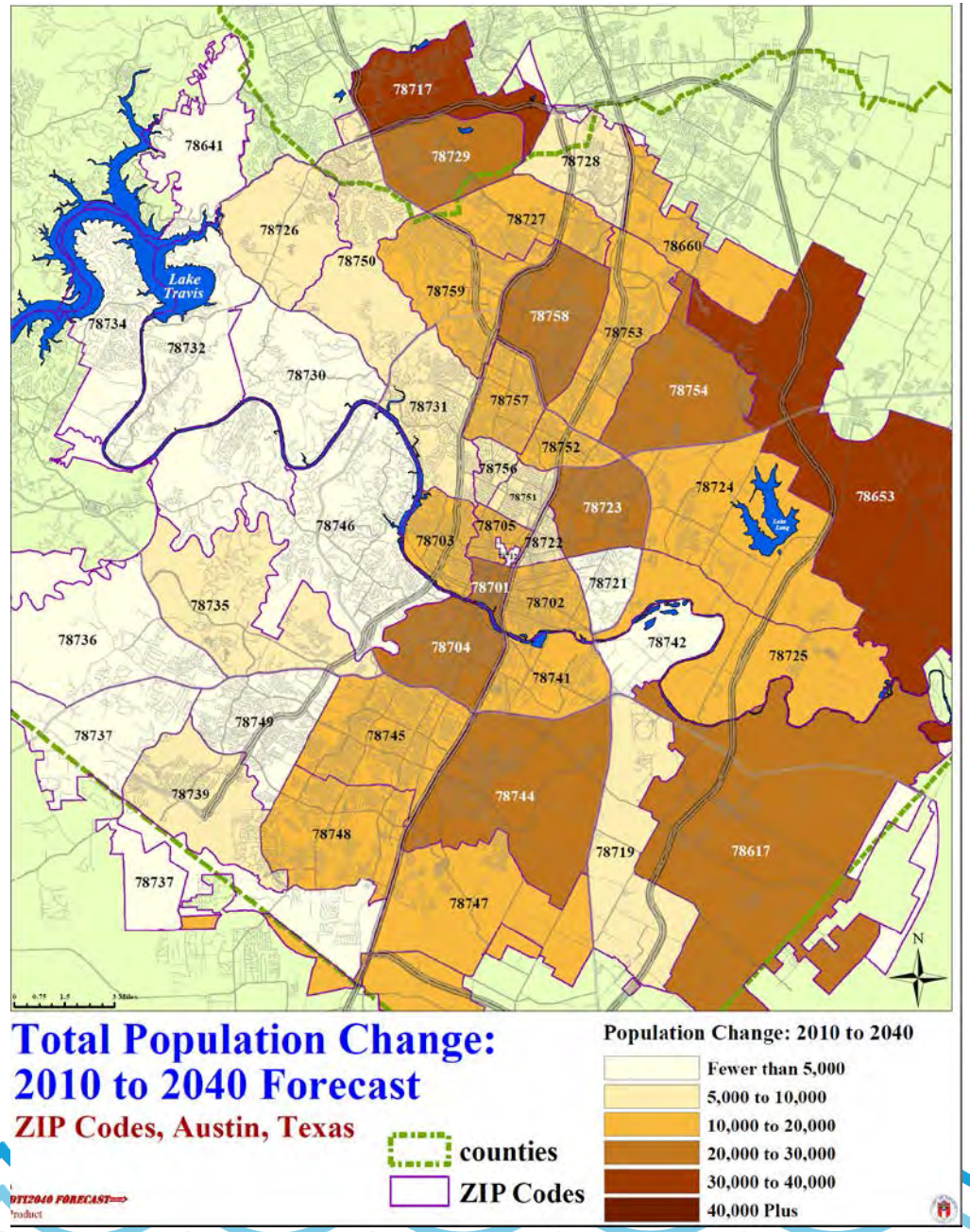


Attendance Before and After Renovations



	2005	2006	2007	2010	2011	2012	2013	2014	2015	2016	2017
Bartholomew	16106	16055	19809	0				78,310	63,900	68,270	68,744
West Enfield	17,774	11,950	12,531	14,670	17,692	15,853	12,839	36,316	22,288	20,107	18973


Population Change 2015 to 2040
Legend
Population Change
Under 5,000
5,000 to 10,000
10,000 to 15,000
15,000 to 20,000
20,000 to 25,000
Over 25,000
Pool Type
Municipal
Neighborhood
Waterfront
City of Austin Parks
City Limits
Planning Boundary
Other Pools
Association/District
RV/Mobile Home
Club
University
YMCA
Other Private
AUSTIN PARKS & RECREATION
Cultural Places, Natural Spaces
BRANDSTETTER CARROLL INC
0 1.25 2.5 5 Miles


78717
78641
78729
78728
78727
78726
78750
78660
Lake Travis
78759
78734
78758
78753
78732
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78747
N
Total Population Change:
2010 to 2040 Forecast
ZIP Codes, Austin, Texas
counties
ZIP Codes
Population Change: 2010 to 2040
Fewer than 5,000
5,000 to 10,000
10,000 to 20,000
20,000 to 30,000
30,000 to 40,000
40,000 Plus

Partnership Opportunities

Increased partnership opportunities would contribute to a more sustainable aquatic system

- Increased Availability of Learn to Swim Programs
- Collaboration with Private Businesses
- Search out Potential Partners and Sponsors for an Indoor an Aquatic Center
- Partnerships with Club Teams, High School Teams, Completive Divers and Synchronized Swimmers
- Seek Partnerships with Local School Districts
- Internal Partnerships with other PARD Divisions

Other Partnerships

Guest Speakers

- University of Texas
  Ann Nellis/Director
  Lee and Joe Jamail Texas Swimming Center
- YMCA
  Kathleen Schneeman/Human Resources Director
  YMCA of Austin

Bond Election Advisory Taskforce Reinvestment in Facilities and Assets Working Group

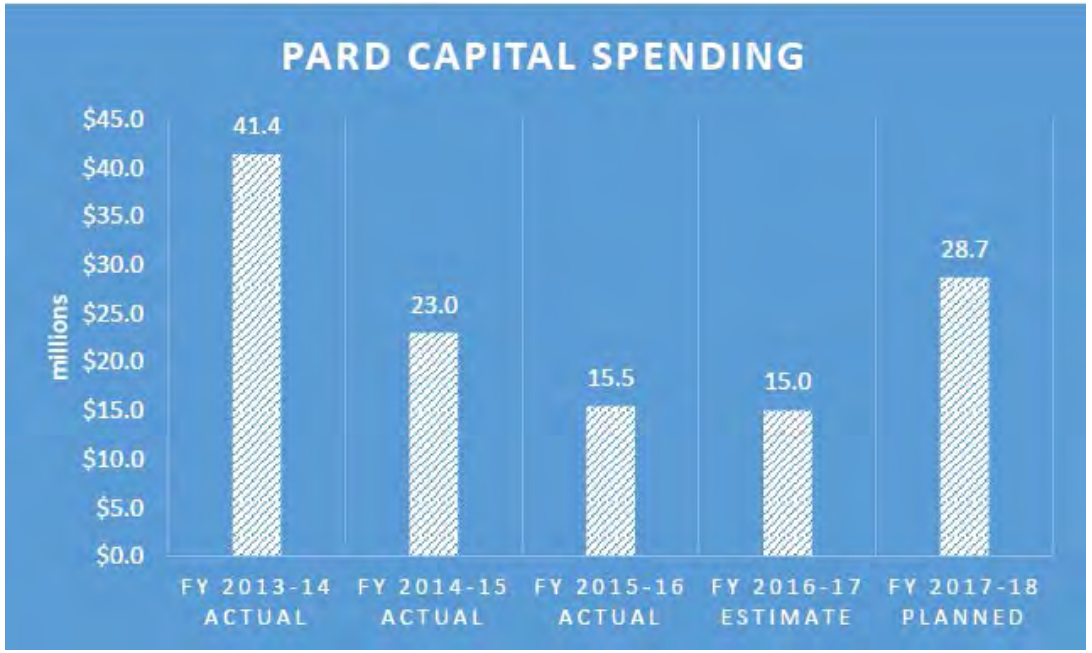
Terry Jungman
Asset Management Division Manager

Outline

- CIP Overview
- 2018 Bond Proposal
- Prioritization
- Program Detail

Parks and Recreation Department Capital Program Overview

- PARD Capital Funding Sources
- General Obligation Bonds
- 1998 G.O. Bonds
- 2006 G.O. Bonds
- 2012 G.O. Bonds
- Certificates of Obligation
- Parkland Dedication Fees
- Mitigation Fees
- Grants (TPWD, TXDoT, etc)
- Donations / PPP



2012 G.O. Bond –Project Highlights

Montopolis Community and Rec Center

- $15.5M project budget
- Scope: Demolition of existing rec center and development of joint-use facility for PARD and HHSD

Emma Long Metro Park

- $2.6M project budget
  - $1M Grant TPWD
- Scope: Phase 1 renovation of day-use and overnight camping amenities

Waller Creek District

- $13M project budget
  - Significant PPP with WCC
- Scope: Redevelopment of Waterloo and Palm Park and creek corridor trail connectivity

2012 G.O. Bond –Program Highlights

- **Program –Playscapes**
  - $2M program budget
  - Scope: Renovation and replacement of non-compliant playgrounds at 17+ parks city-wide
- **Program –Aquatics**
  - $5M program budget
  - Scope: Renovation and replacement of failing pool infrastructure at 25+ parks city-wide
  - Includes $3M for renovation to Westenfield Pool
- **Program –Building Renovations**
  - $1.5M program budget
  - Scope: Renovation and replacement of building systems (HVAC, roof, plumbing, electrical, etc) at 20+ sites city-wide

2018 G.O. Bond –Proposal

- Reinvestment in Facilities and Assets

Department	Amount
Parks & Recreation	$120 Million
Library	$20 Million
Austin Public Health	$10 Million
Public Safety	$90 Million
Total	***$240 Million***

- Parkland and Open Space

Category	Amount
Open Space- Parkland	$30 M
Open Space- Water Quality	$20 M
TOTAL	**$50 M**

2018 G.O. Bond –Reinvestment Plan

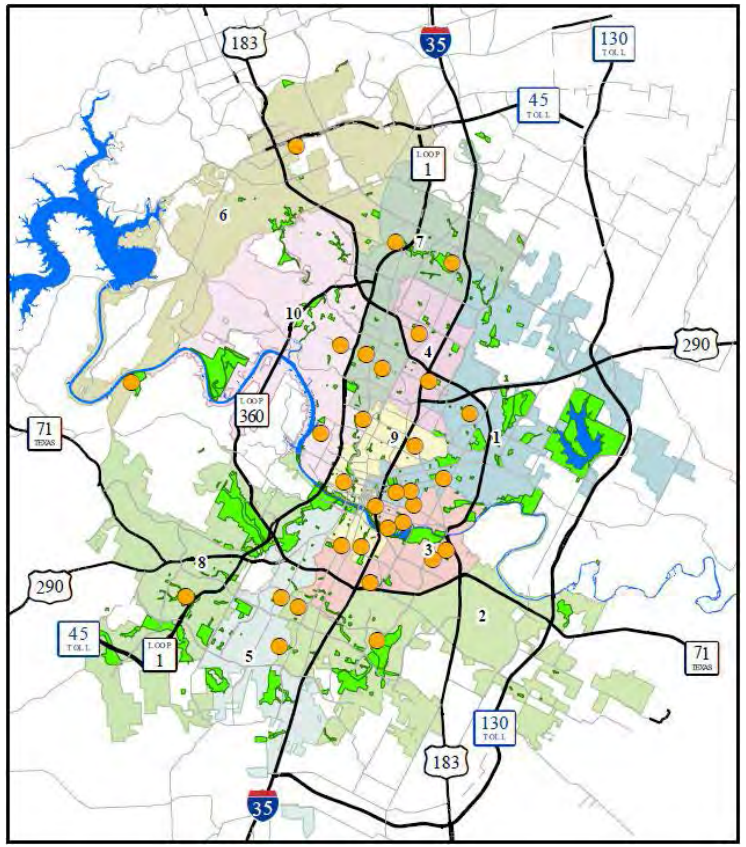
Category	Amount	Reinvestment Plan
Aquatics	**$15 M**	Renovation of 1 pool. Reinvestment into 46 existing aquatic facilities city-wide including plumbing and filtration systems, chemical controls, pool shell liners, and other non-compliant pool equipment.
Facility Improvements	**$40 M**	Renovation of existing building systems at over ~30 sites including roof, HVAC, mechanical, electrical, plumbing, elevators, ADA accessibility, and interior renovations. May also support expansion of existing facilities to meet growing demand.
Infrastructure	**$65 M**	
Playscapes	$4 M	Complete renovation of ~10 playscapes city-wide including change-out of equipment and safety surfacing. Replacement of non-compliant pea gravel safety surfacing city-wide.
Trails	$5 M	Development of ~5 miles of new trail as a continuation of on-going trail networks. Renovation of existing trails city-wide including ADA accessibility, trail stabilization, and trail amenities.
Parking Lots & Roadways	$2 M	Resurfacing of worn and obsolete surfaces over approximately 30 sites throughout the City.
Athletics	$8 M	Resurfacing of ~6 sport courts, replacement of failing light poles at ~3 sport fields, and upgrades to golf and tennis facilities. Renovation of existing tennis centers and greenways. Includes renovation of Pharr Tennis Center.
Parkland Improvements	$42 M	Holistic park improvements at all scales (metro, district, neighborhood, pocket, special) including ~4 destination-scale parks and ~8 neighborhood-scale parks. May include renovation of existing parks or development of new parks.
Cemeteries	$4 M	Preservation and restoration of cultural assets across the 5 city-owned cemeteries including landscape enhancements, facility upgrades, accessibility, and drainage improvements.
Total	**$120M**	

Prioritization Criteria

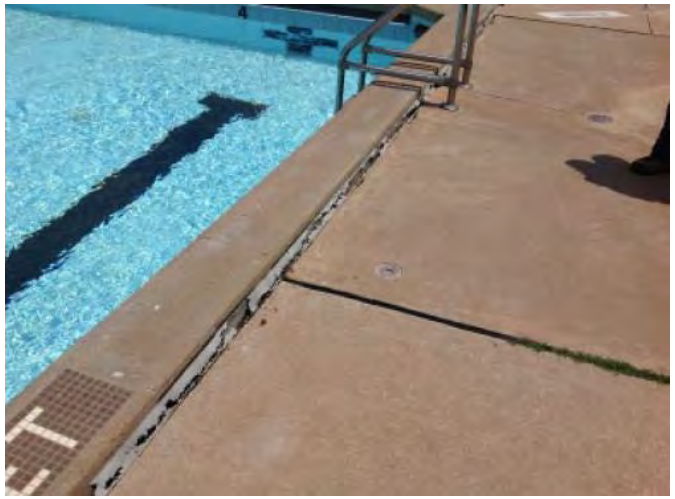
- Failing infrastructure system-wide
- Public safety/regulatory compliance
- Planning Documents
- PARD Long-Range Plan
- PARD CIP Strategic Plan
- Imagine Austin Comp Plan
- Completed master plan/preliminary design
- Community engagement
- Shovel readiness
- Geographic Equity
- Partnerships/leveraging opportunities
- 5-6 year implementation cycle
- Program flexibility vs project specific

Program Detail: Aquatics

- $15 million
- Replacement of obsolete aquatic facilities and equipment; to include at least 1 complete pool renovation
- Who will benefit:
- City-wide
- DRAFT Aquatic Strategic Plan
- Project Examples:
- Pool supply lines
- Chemical controls
- Pump and filtration systems
- Givens Neighborhood Pool



Program Detail: Aquatics



Revenue Generation Opportunities

Increased revenue generation would contribute to a more sustainable aquatic system

- Fees and Charges
- Concessions
- Naming Rights and Sponsorships
- Partnerships
- Increased Programming
- PARD Aquatic Revenues

Funding Options

- Bonds/Reserve Funding
- Land Sales
- Sweetened Beverage Tax
- Grants
- Sponsorships (Naming Rights)
- Public/Private Partnerships
- HOT Funding