



December 7, 2020

Texas Historical Commission  
P.O. Box 11276  
Austin, TX 78711

*Delivered via eTrac*

Attention: Ms. Tiffany Osburn, Archeologist and Reviewer

Reference: **Guadalupe Street Storm Drain Improvements**  
Austin, Texas  
**Baer Engineering Document No. 202001-8b.011**

Dear Ms. Osburn:

The City of Austin (CoA) intends to upgrade 20,000 linear feet (LF) (6,096 meters) of storm drain pipes and box culverts on Guadalupe Street and 35<sup>th</sup>-37<sup>th</sup> streets in Austin, Texas. In addition to the 20,000 LF of storm drains, the proposed project will also include improvements to the outlet structure of the Triangle Pond, the addition of two new ponds, culvert upsizing, potential underground detention, associated utility relocations, and roadway/minor channel improvements.

The project area (PA) is located within residential and commercial areas in the vicinity of Hyde Park in Austin, Texas. Within the northwest portion of the PA, the majority of these improvements overlap with existing storm drains which are located under paved roads and surfaces. Within the southwest portion of the PA, the majority of the proposed improvements do not overlap with existing storm drains, and the PA includes unpaved areas such as Adams Park and Hemphill Park. The following disturbances to the surrounding ground matrix are expected (**FIGURE 1**):

- Remove and replace existing storm drain pipeline in portions of the PA:
  - expected to cause a one to 30-foot (ft) (0.3 to 9-meters) depth of ground disturbance;
- Installation of two detention ponds at Adams Park and Baker Center:
  - expected to cause a five to 10-ft (1.5 to 3-meters) depth of ground disturbance; and
- Replacement of the existing culverts at 32<sup>nd</sup> Street and Wheeler Street:
  - expected to cause a one to five-ft (0.3 to 1.5-meters) depth of ground disturbance.

Baer Engineering and Environmental Consulting, Inc. (Baer Engineering) performed desktop research on the environmental and cultural backgrounds of the PA. The results of our research are presented below.

#### **GEOLOGY AND SOILS**

According to the Bureau of Economic Geology's (BEG) Geologic Atlas of Texas, the PA is underlain by three geologic units as follows: Quaternary high gravel deposits (Qhg), Eagle Ford Group and Buda Limestone (Keb), and Austin chalk (Kau) (BEG 1995). These geologic units are described below:

#### **QUATERNARY HIGH GRAVEL DEPOSITS (QHGD):**

High gravel deposits comprise an upper unit of silty clay with gravel commonly exposed on the surface, and a lower coarse unit yielding some water.

#### **EAGLE FORD GROUP AND BUDA LIMESTONE (KEB)**

Eagle Ford group comprises shale and limestone. In the upper part of the Eagle Ford Group shale is compact, silty, contains fossil fish teeth and bones, and is 10 feet thick or more. The middle part is silty limestone grading to calcareous siltstone, flaggy, medium gray, weathers pale yellowish brown, and is five feet thick. The lower part is shale, calcareous, dark gray, seven to fifty feet thick. The thickness of Eagle Ford Group is between 25 to 65 feet.

Buda Limestone is fine grained, bioclastic, commonly glauconitic, pyritiferous, hard, massive, poorly bedded to nodular, and thinner bedded and argillaceous near upper contact. It is light gray to pale orange, and weathers dark gray to brown. Burrows are filled with chalky marl, with abundant pelecypods. Thickness is up to 45 feet.

#### **AUSTIN CHALK (KAU).**

Austin Chalk is described as massive, with some interbeds and partings of calcareous clay. It is mostly thin-bedded marl with interbeds of massive chalk, hard lime mudstone to soft chalk which is light grey that weathers to white. Marine megafossils are scarce, and the chalk is mostly microgranular calcite with minor foraminifer tests and *Inoceramus* prisms.

According to the U.S. Department of Agriculture–Natural Resources Conservation Service (USDA-NRCS 2020), there are six soil units underlying the PA (**FIGURE 3**):

#### **HOUSTON BLACK CLAY AND URBAN LAND 0 TO 8 PERCENT SLOPES (HSD):**

Houston Black soils are very deep, moderately well drained, very slowly permeable soils that formed in clayey residuum derived from Cretaceous calcareous mudstone. These nearly level to moderately sloping soils occur on interfluvial and side slopes on upland ridges and plains on dissected plains. Slopes are mainly one to three percent but range from zero to eight percent.

Werchan et al. (1974:58) describe Urban land as areas covered (75 percent or more) with works and structures such as buildings, streets and parking lots. In these areas, the “installation of works and structures has so altered and obscured soil features that they do not resemble soils described in the various [USDA-NRCS soil] series.”

#### **LEWISVILLE SOILS AND URBAN LAND 0 TO 2 PERCENT SLOPES (LEB):**

Lewisville soils are very deep, well drained, moderately permeable soils that formed in ancient loamy and clayey calcareous sediments. These upland soils have slopes of zero to 10 percent.

For a description of urban land, please see the above description for HsD.

#### **TRAVIS SOILS AND URBAN LAND 1 TO 8 PERCENT SLOPES (TUD):**

Travis soils are very deep, well drained, slowly permeable soils that formed in clayey and loamy sediments of ancient terraces. These soils are on nearly level to sloping uplands. Travis soils occur in central and east-central Texas in small bodies along major streams.

For a description of urban land, see the above entry on HsD soils.

#### URBAN LAND 0 TO 6 PERCENT SLOPES (UR):

For a description of urban land, please see the above description for HsD.

#### URBAN LAND AND AUSTIN SOILS 0 TO 5 PERCENT SLOPES (USC):

For a description of urban land, please see the above description for HsD.

Austin soils are moderately deep, well drained, moderately slowly permeable soils that formed in residuum weathered from chalk. These soils are on nearly level to sloping erosional uplands. Slopes range from zero to eight percent.

#### URBAN LAND, AUSTIN, AND WHITEWRIGHT SOILS 1 TO 8 PERCENT SLOPES (UTD):

For a description of urban land, please see the above description for HsD.

For a description of Austin soils, please see the above description for UsC.

Whitewright soils comprise shallow to paralithic contact. These well drained soils formed in residuum derived from weakly cemented chalk and marl of Upper Cretaceous Age. These gently sloping to moderately steep soils are on convex ridges on dissected plains. Slopes are dominantly four to 10 percent, but range from one to 15 percent.

#### POTENTIAL ARCHEOLOGY LIABILITY MAPS (PALMs)

According to the Texas Department of Transportation (TxDOT) PALM for the area the PA has low potential for shallowly buried archeological deposits and portions of the northwest and southwest PA have moderate potential for deeply-buried deposits (**FIGURE 4**).

#### PREVIOUSLY-RECORDED ARCHEOLOGICAL SITES

According to the Texas Historical Commission's (THC) Archeological Sites Atlas (Atlas), there are three recorded archeological sites within the PA: 41TV474, 41TV7, 41TV2562. Descriptions of the sites located within the PA are bolded in the table below. Baer Engineering used an arbitrary one-kilometer buffer around the PA to collect a representative sample of local archeology within the same geologic units as the PA (**FIGURE 5**). These sites are listed in the table below:

TRINOMIAL	SITE TYPE	SITE DESCRIPTION	AREA AND DEPTH	NRHP* AND SAL** STATUS	REFERENCE
<b>41TV474</b>	<b>Not available (N/A)</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>Anon., n.d. A</b>
41TV548	Historical	Two, possibly three limestone buildings associated with the studio and residence of sculptor Elisabet Ney. Now a historical museum. Architectural materials, and domestic and culinary refuse were collected during survey.	N/A	Eligible	Briggs 1981; Fuszek 1991; Gillentine and Miller 2009

TRINOMIAL	SITE TYPE	SITE DESCRIPTION	AREA AND DEPTH	NRHP* AND SAL** STATUS	REFERENCE
41TV7	N/A	Site investigated by Glen Shipe and the associated collection was donated in 1929.	N/A	N/A	Anon. n.d. B
41TV2562	Historical	Austin State Hospital. Above-ground resources include over 20 structures and associated landscape currently in use as a mental healthcare facility. Main administrative building 501 listed on the National Register and was constructed in 1861. Below-ground resources include the foundations and other debris of structures demolished over the course of the history of the facility. Historical-period artifacts collected and observed during survey (ongoing).	136 acres	Building 501 NRHP Listed	Prociuk et al. 2019
41TV876	Prehistoric, Historical	Prehistoric midden and historical dump site with glass, concrete, clay pipe fragments, bone, pottery, and fractured chert flakes and possible cores recovered.	N/A	N/A	Christie and Davis 1972
41TV2454	Modern Historical, Prehistoric	Historical house site and prehistoric lithic procurement site. Abundant Pleistocene chert and quartzite cobbles, chert cores, debitage, thick and thin bifaces, unifaces, and utilized flakes collected and observed on surface.	45x30 meters	N/A	Anthony and Malof 2014
41TV137	Historical	Historical Lamar Street Dump Site with European and American ceramics and glass fragments from the late 19 <sup>th</sup> and early 20 <sup>th</sup> century observed.	N/A	N/A	Anon., n.d. C; Feit et al. 2013.
41TV2060	Historical	Historical trash dump with various colored bottle glass fragments, one button, dinnerware, crockery, whiteware sherds, earthenware, and seamed tin cans observed.	Site size: 250x150 meters; Depth: 30cm	NRHP Ineligible	Goodwin and Weaver 2003; Jones 2007



TRINOMIAL	SITE TYPE	SITE DESCRIPTION	AREA AND DEPTH	NRHP* AND SAL** STATUS	REFERENCE
41TV1293	N/A	N/A	N/A	N/A	N/A
41TV1285	Historical	Historical (early 1900s) clubhouse, stable, or workshop associated with the original Austin Country Clubhouse. Various colored glass fragments, ceramic sherds, Ginger beer bottlenecks, square nails, horseshoes and metal objects were collected during survey.	75x66 meters	NRHP Ineligible	McCollum 1986
41TV2412	Historical	Late 19 <sup>th</sup> to early 20 <sup>th</sup> century trash scatter with two features from early construction of Pease Park, a square nail, brick, glass, whiteware, enamel ware, coal clinker, and bone observed during survey.	6475 m <sup>2</sup>	NRHP Ineligible	Butler 2012

\*National Register of Historic Places

\*\*State Antiquities Landmarks

### PREVIOUS ARCHEOLOGICAL SURVEYS

According to the Atlas there is one previously-recorded archeological survey within the PA (**FIGURE 6**). A survey (TAC Permit 8985) was conducted by SWCA Environmental Consultants on behalf of the CoA in 2019. No archeological sites were identified that meet the criteria for designation as a SAL or NRHP 9 during the survey (Morton 2019) (**FIGURE 6**).

### PREVIOUSLY-IDENTIFIED HISTORICAL RESOURCES

According to the Atlas, there are 14 NRHP-listed properties or districts and Registered Texas Historical Landmarks (RTHLs) within the project area. Descriptions of the historical resources located within the PA are bolded in the table below. According to the Atlas, there are 61 NRHP-listed properties or districts and RTHLs within the one-kilometer buffer of the PA (**FIGURE 7**). These resources are listed in the table below:

MAP LABEL	NAME	RESOURCE TYPE	RESOURCE DESCRIPTION	NRHP, SAL, RTHL STATUS	REFERENCE/ MARKER NUMBER
1	Smith-Marcuse-Lowry House	Building	Queen Anne architectural style dated between 1875-1899. Architect John Greggie (n.d. D).	NRHP Listed	90001180
2	Oliphant-Walker House	Building	<b>Queen Anne (1875-1899) and other (1900-1924, 1925-1949) architectural styles. Architect E.A. Ellingson (n.d. E).</b>	<b>NRHP Listed</b>	<b>90001177</b>

MAP LABEL	NAME	RESOURCE TYPE	RESOURCE DESCRIPTION	NRHP, SAL, RTHL STATUS	REFERENCE/ MARKER NUMBER
3	Rev. Henry M. and Jennie Sears House	Building	Queen Anne and other architectural styles dated between 1900-1924 (n.d. F).	NRHP Listed	90001174
4	Hyde Park Presbyterian Church	Building	"Other" architectural style dated between 1900-1924 and 1875-1899 (n.d. D).	NRHP Listed	90001175
5	Moonlight Towers	Building	"Other" architectural style dated between 1875-1899. Architect Fort Wayne Electric Co (n.d. G).	NRHP Listed	76002071
6	Commercial Building at 4113 Guadalupe Street	Building	"Other" architectural style dated between 1900-1924. Architect L. Shaffer (n.d. H).	NRHP Listed	90001187
7	Alice H. Robbins House	Building	Bungalow/Craftsman, other architectural style dated between 1925-1949. Architect R.W. Herndon (n.d. I).	NRHP Listed	90001235
8	Bluebonnet Tourist Camp	Building	"Other" architectural style dated between 1925-1949. Architect Brydson Lumber Co (n.d. J).	NRHP Listed	90001188
9	Robert H. and Edith Ethel McCauley House	Building	Tudor Revival dated between 1925-1949. Architect Kenneth N. Sanders (n.d. K).	NRHP Listed	90001236
10	F.T. and Belle Ramsey House	Building	Queen Anne and other architectural styles dated between 1900-1924, 1875-1899, 1925-1949 (n.d. L).	NRHP Listed	90001176
11	Hyde Park Historic District	District	Tudor Revival (1900-1924), Bungalow/Craftsman (1925-1949), Queen Anne (1875-1899) architectural styles (n.d. M).	NRHP Listed	90001191

MAP LABEL	NAME	RESOURCE TYPE	RESOURCE DESCRIPTION	NRHP, SAL, RTHL STATUS	REFERENCE/ MARKER NUMBER
12	Williams-Weigl House	Building	Bungalow architectural style built in 1911 by Harvey Murdock Williams and his wife Euphemia (Sinclair). Also associated with F. Lee Weigl, a craftsman who moved to the home in 1947 and contributed elaborate ironwork to the home's detailing (n.d. N).	RTHL	12887
13	Elisabet Ney Studio and Museum	District and Women's history	Classical Revival dated between 1900-1924 and 1875-1899. Architect Elisabet Ney (n.d. O).	NRHP Listed	72001374
14	Elisabet Ney	Women's history	Elisabet Ney was a world-renowned sculptor who built this studio in 1892 to execute statues of Stephen F. Austin and Sam Houston for the Texas exhibit at the 1893 World Fair (n.d. P).	RTHL	13828
15	Elisabet Ney Home	Building	Historical medallion only (n.d. Q).	RTHL	13829
16	Wells-LaRue House	Building	Built around 1850 by famed pioneer architect Abner Cook, for Waymen Wells (n.d. D).	RTHL	14592
17	Kopperl House	Building	House built in 1896 by sportswoman Loula Dale Kopperl (n.d. R).	RTHL	13941
18	Hodnette House	Building	Craftsman architectural style home designed by prominent Austin architect Charles H. Page, Sr., built in 1909 (n.d. S).	RTHL	12242
19	Hyde Park	Neighborhood	Austin's first planned suburb. Promoted by Monroe M. Ships in the mid-1800s (n.d. T).	RTHL	14424
20	Elvira T. Manor Davis House	Building	House built in 1904 by Elvira T. Manor Davis (n.d. U).	RTHL	15042

MAP LABEL	NAME	RESOURCE TYPE	RESOURCE DESCRIPTION	NRHP, SAL, RTHL STATUS	REFERENCE/ MARKER NUMBER
21	Hancock Recreation Center	Building	The Austin Country Club and Clubhouse, later named Hancock Recreation Center, was constructed in 1934 from materials salvaged from University of Texas Old Main Building, influenced by the Colonial Revival style (n.d. V).	RTHL	17925
22	Hancock Golf Course	District	Golf course constructed in 1899, participated in Texas's first pay-for-play golf tournament established Austin as a premier golf city (n.d. W).	NRHP Listed	17925
23	Edgar H. Perry Jr. House	District	N/A (n.d. X)	RTHL	14000404
24	Perry Estate-St. Mary's Academy	District	Renaissance, Gothic Revival district dated between 1900-1924, 1925-1949, 1950-1974. Architect Henry Bowers Thompson (n.d. Y).	NRHP Listed	1000874
25	McFarland House	District	N/A (n.d. Z)	NRHP Listed	100005460
26	Addcox House	Building	Built in 1935 for Mary Susie Sheedy, the house became known as the "Red Rock House on the Corner" due to its eclectic structure and mixed stone and brick walls (n.d. AA).	RTHL	12238
27	Shadow Lawn Historic District	District	Bungalow/Craftsman (1925-1949) and Tudor Revival (1900-1924) architectural styles (n.d. BB).	NRHP Listed	90001192
28	The Shipe House	Building	Monroe Martin Shipe had this residence built in 1892 in Hyde Park, a suburb which he developed on the site of the old state fairgrounds (n.d. CC).	RTHL	14361
29	William T. and Valerie Mansbendel Williams House	Building	Historical home constructed in 1933-34 by William Kutalek and Peter Mansbendel for William T. Williams, Jr. and Clotilde Valerie (Mansbendel) Williams (n.d. DD).	RTHL	17589

MAP LABEL	NAME	RESOURCE TYPE	RESOURCE DESCRIPTION	NRHP, SAL, RTHL STATUS	REFERENCE/ MARKER NUMBER
30	Texas Confederate Woman's Home	Building	Opened in 1908, the Texas Confederate Woman's Home provided a home for over three thousand wives and widows of Confederate Veterans (n.d. EE).	RTHL	17561
31	Buddington-Benedict-Sheffield Compound	Building	Albert and Rebecca Buddington built the first part of this compound as their home in 1860. Delia Edwards later commissioned Arthur Fehr to alter original house and design adjacent rustic-style cottage with fireplace mantel carved by Peter Mansbendel. In the 1940s Wilhelmine Sheffield added another house and enclosing wall, as well as ironwork by Fortunat Weigl (n.d. FF).	RTHL	13232
32	Penn and Nellie Wooldridge House	Building	Georgian Revival house designed by architect Hugo F. Kuehne and built by Nellie Wylie Holden in 1913 (n.d. GG).	RTHL	14313
33	Arthur N. and Jane Y. McCallum House	Building	Queen Anne architectural style dated between 1900-1924 and 1925-1949. Architect John C. Adrian (n.d. HH).	NRHP Listed	96000963
34	Jane Yelvington McCallum	State official	One of the most prominent leaders of the Texas woman suffrage movement of the early 20 <sup>th</sup> century, Jane Y. McCallum lived in the home with her husband, and their five children. She was appointed Secretary of State in 1927 and reappointed in 1931 (n.d. II).	RTHL	15417
35	Page-Gilbert House	Building	Queen Anne architectural style dated between 1875-1899. Architects Christopher H. Page and William John Sutor (n.d. JJ).	NRHP Listed	90001186

MAP LABEL	NAME	RESOURCE TYPE	RESOURCE DESCRIPTION	NRHP, SAL, RTHL STATUS	REFERENCE/ MARKER NUMBER
36	Hildreth-Flanagan-Heierman House	Building	Colonial Revival (1900-1924) architectural style. Architect William Voss Sr (n.d. KK).	NRHP Listed	90001184
37	Col. Monroe M. Shipe House	Building	Stick/Eastlake (1900-1924), and other (1875-1899) architectural style (n.d. LL).	NRHP Listed	83003167
38	Peter and Clotilde Shipe Mansbendel House	Building	Tudor Revival (1925-1949) architectural style. Architect Peter Mansbendel (n.d. MM).	NRHP Listed	90001183
39	W.T. and Clotilde V. Williams House	Building	Tudor Revival (1925-1949) architectural style. Architect William Kutalek (n.d. NN).	NRHP Listed	90001182
40	Stanley and Emily Finch House	Building	Colonial Revival constructed in 1927-28. The house was designed by architect Raymond Everett (n.d. OO).	RTHL	12239
41	Jacob Leser House	Building	Built and added on to between 1859-1864, this house was originally built for Jacob Leser's soap and candle factory (n.d. PP).	RTHL	14254
42	James F. and Susie R. Parker House	Building	Bungalow/Craftsman (1925-1949) architectural style. Architect Kuntz-Sternenberg Lumber Co (n.d. QQ).	NRHP Listed	90001181
43	Missouri, Kansas and Texas Land Co. House	Building	"Other" architectural style dated between 1900-1924. Architect Missouri, Kansas & Texas Land Co (n.d. RR).	NRHP Listed	90001179
44	State Lunatic Asylum	Building	Classical Revival, Italianate style, with additions dated between 1850-1874; 1875-1899; 1900-1924; and 1925-1949. Architects Charles Payne and A.O. Watson (n.d. SS).	NRHP Listed	87002115
45	Scottish Rite Dormitory	Building	Colonial Revival style architecture dated between 1900-1924 and 1925-1949. Architect Herbert M. Greene (n.d. TT).	NRHP Listed	98000404
46	All Saints Chapel	Building	Late 19 <sup>th</sup> and early 20 <sup>th</sup> century Late Gothic Revival church (n.d. UU).	NRHP Listed	15000543

MAP LABEL	NAME	RESOURCE TYPE	RESOURCE DESCRIPTION	NRHP, SAL, RTHL STATUS	REFERENCE/ MARKER NUMBER
47	George H. Kinsolving Crypt	Graveyard	N/A (n.d. VV)	RTHL	18634
48	Rebecca Kilgore Stuart Red	Women's History and Education	Rebecca Kilgore Stuart became the principal of Live Oak Female Seminary in 1853, where she continued to teach until 1886 (n.d. WW).	RTHL	15556
49	Austin Presbyterian Theological Seminary Campus	Church	Constructed in 1907 with later additions, the campus was built in this location to facilitate educational opportunities between the seminary and the University of Texas (n.d. XX).	RTHL	12757
50	Austin Presbyterian Theological Seminary	Churches and Education	Started in 1884 by Rev. Dr. Richmond Kelly Smoot and the Rev. Dr. Robert Lewis Dabney (n.d. YY).	RTHL	12743
51	Brueggemann-Sandbo House	Building	House built by Julius Brueggemann and his two sons in 1907 (n.d. ZZ).	RTHL	15080
52	Buen Retiro	Building	Colonial Revival mansion built in 1902 by Louis Nicholas Goldbeck (n.d. AAA).	RTHL	15258
53	Zeta Tau Alpha House	Women's History and Building	Neoclassical architectural style-building designed by the architectural firm Page Southerland and built in 1939 (n.d. BBB).	RTHL	16954
54	DeWitt Clinton Baker Home Site	Educational, Writers and Poets	N/A (n.d. CCC)	RTHL	14392
55	Beriah Graham House	Building	N/A (n.d. DDD)	RTHL	13926
56	Edmund and Emily Miller House	Building	Mediterranean style home built in 1923, the house was designed by Emily Miller, her nephew Edward Sammons Maverick, and architecture professor Raymond Everett (n.d. EEE).	RTHL	12592
57	Worrell-Ettlenger House	Building	Bungalow/Craftsman style architecture dated between 1900-1924 and 1925-1949. Architects A.W. Johns and Samuel Gideon (n.d. FFF).	NRHP Listed	4001152



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58	Cox-Craddock House	Building	Colonial Revival style architecture dated between 1925-1949. Architect Hugo Franz Kuehne (n.d. GGG).	NRHP Listed	1000612
59	Rather House	Building	Mission/Spanish Revival style architecture dated between 1900-1924. Architects Brigham, Coveney & Bisbee (n.d. HHH).	NRHP Listed	79003013
60	John Elbridge Hines	Educational Topic	John E. Hines was the presiding Bishop of the Episcopal Church between 1969-1974. He founded many educational institutions and called for widespread change in church priorities (n.d. III).	RTHL	15862
61	J. Frank Dobie House	Building	House built in 1925 and occupied by J. Frank Dobie and his wife Bertha from 1926 until their deaths (n.d. JJJ).	RTHL	14242
62	J. Frank Dobie House	Building	House built in 1925 and occupied by J. Frank Dobie and his wife Bertha from 1926 until their deaths (n.d. KKK).	NRHP Listed	N/A
63	Battle Hall	Building	Late 19 <sup>th</sup> and early 20 <sup>th</sup> century Revivals and other architectural style dated between 1900-1924. Architect Cass Gilbert (n.d. LLL).	NRHP Listed	70000763
64	Philquist-Wood House	Building	Sven Axel Philquist hired Swedish builder F. Oscar Blomquist to build this family home in 1912 (n.d. MMM).	RTHL	15196
65	Frank M. and Annie G. Covert House	Building	Queen Anne architectural style home dated between 1875-1899 (n.d. NNN).	NRHP Listed	90001185

MAP LABEL	NAME	RESOURCE TYPE	RESOURCE DESCRIPTION	NRHP, SAL, RTHL STATUS	REFERENCE/ MARKER NUMBER
66	Old West Austin Historic District	District	Late 19 <sup>th</sup> and early 20 <sup>th</sup> century Revivals, Late 19 <sup>th</sup> and early 20 <sup>th</sup> century American movements dated between 1850-1874, 1875-1899, 1900-1924, 1925-1949, 1950-1974. Architects include Anderson, Adams, Dixon, Ayers, Cook, Everett, Jensen, and Thomas (n.d. OOO).	NRHP Listed	3000937
67	Site of Texas Wesleyan College	Educational	Founded by Swedish Methodists, Wesleyan College opened in 1912 (n.d. PPP).	RTHL	14343
68	University Baptist Church	Building	Mission/Spanish Revival architectural style dated between 1900-1924 and 1925-1949. Architects Albert Kelsey and Roy L. Thomas (n.d. D).	NRHP Listed	98000955
69	Littlefield House	Building	Second Empire architectural style dated between 1875-1899. Architect James Wahrenberger (n.d. QQQ).	NRHP Listed	70000767
70	Austin State Hospital Cemetery	Cemetery	Historical Texas cemetery established in 1882 (n.d. RRR).	RTHL	13278
71	Charles P. Ledbetter House	Building	Bungalow/Craftsman style architecture dated between 1900-1924. Architect Charles P. Ledbetter (n.d. SSS).	NRHP Listed	90001178
72	Aldridge Place Local Historic District (APLHD)	District	<b>Albert Buddington, a local settler, built the first home that would become Aldridge Place in 1860. The district retains a high degree of architectural integrity with styles dated to 1860 and 1912-1965 (COA 2020).</b>	NRHP Listed	N/A
73	APLHD Wheeler Street Bridge-Culvert	Bridge	<b>Historical bridge located at West 32<sup>nd</sup> Street, built in 1930.</b>	NRHP Listed	142270B00088001
74	West 30 <sup>th</sup> Street Bridge-Culvert	Bridge	Historical bridge located at West 30 <sup>th</sup> Street at Hemphill Branch, built in 1931.	NRHP Listed	142270B00082001

MAP LABEL	NAME	RESOURCE TYPE	RESOURCE DESCRIPTION	NRHP, SAL, RTHL STATUS	REFERENCE/ MARKER NUMBER
75	The Baker School	Building	Historical Baker Elementary School located within the Hyde Park Historical District.	NRHP Listed	N/A

### CEMETERIES

According to the Atlas, there are no cemeteries listed within the PA (**FIGURE 7**). However, according to the Atlas, there are two cemeteries located within the one-kilometer buffer. The George Herbert Kinsolving Crypt (TV-C199) is located on the northernmost edge of the University of Texas campus (n.d. WWW). Kinsolving was the second bishop of the Episcopal Diocese of Texas, serving from 1893-1928 (Battle 2020). Kinsolving was buried beneath the altar of the All Saints Chapel in Austin, Texas. The Austin State Hospital Cemetery (TV-C023) is located on 51<sup>st</sup> Street and covers 11 acres (0.04 square kilometers). There are 2,700 recorded burials dating from the mid-19<sup>th</sup> century to present.

### HISTORICAL MAPS AND AERIAL PHOTOGRAPHS

Baer Engineering reviewed historical topographic maps and aerial photographs for additional information about the historical development of the PA. Historical topographic maps were available for 1896, 1897, 1910, and 1954. The 1896 Austin 30-minute map shows the PA crossing several unnamed roads in the Sieder Springs neighborhood between Watter [sic] Creek and Shoal Creek (**FIGURE 8**). The map depicts several structures within the area. The 1897 Austin 30-minute map shows the same information as the 1896 map. The 1910 Austin 30-minute map shows the same information as the 1896 and 1897 maps. The 1954 Austin East 7.5-minute map depicts the same information as the previous maps; however, the map shows that the PA is located between Guadalupe Street and Duval Street and historical resources such as the Baker School, Shipe Playground Swimming Pool, the Light Tower, and several churches (**FIGURE 9**). The 1954 map also shows the southwest portion of the PA crossing over seminary property.

Baer Engineering reviewed aerial photographs from 1940, 1951, and 1966. All of the aerial photographs depict the PA as crossing through a developed, mostly residential neighborhood, southeast of the Austin State Hospital (**FIGURE 10**). The Baker School is visible in the middle portion of the PA, as well as the Aldridge Place Local Historic District. The layout of the roads depicted appear to be consistent throughout each photograph.

### SUMMARY

The records reviewed by Baer Engineering provide evidence indicating the PA may have potential to contain sites of prehistoric and historical interest. The TxDOT PALM data identifies the PA as having low potential for shallowly buried archeological deposits and moderate potential for deeply-buried deposits. According to these records, there are 13 NRHP-listed or RTHL properties or districts, four previously-recorded archeological sites, and one previously-recorded archeological survey within the PA. Our records also show numerous archeological sites and historical resources have been recorded within the one-kilometer buffer of the PA. Areas that are beneath paved surfaces or previously disturbed soils, particularly in the northwest PA, may not warrant a survey at this time. However, a survey may be warranted in the southwest portion of the PA, near Adams and Hemphill parks and/or in unpaved portions of the PA.

If you have questions about this letter, please call me at (512) 453-3733 or contact me by email at [emarigny@baereng.com](mailto:emarigny@baereng.com).

Respectfully submitted,  
**BAER ENGINEERING AND ENVIRONMENTAL CONSULTING, INC.**



Elizabeth de Marigny, PhD  
Project Archeologist

Attachments: Figure 1 – Project Area  
Figure 2 – Site Specific Geology  
Figure 3 – Site Specific Soils  
Figure 4 – PALM  
Figure 5 – Previously-Recorded Archeological Sites  
Figure 6 – Previously-Recorded Archeological Surveys  
Figure 7 – Historical Resources and Cemeteries  
Figure 8 – 1896 Topographic Map  
Figure 9 – 1954 Topographic Map  
Figure 10 – 1940 Aerial Photograph

#### REFERENCES CITED

Anon.

n.d. A Form for Site 41TV474. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

n.d. B Form for Site 41TV7. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on November 17, 2020.

n.d. C Form for Site 41TV137. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

n.d. D Form for Historical Marker 90001180. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

n.d.E Form for Historical Marker 90001177. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

n.d. F Form for Historical Marker 90001174. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

- n.d.G Form for Historical Marker 90001175. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d.H Form for Historical Marker 76002071. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. I Form for Historical Marker 90001187. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. J Form for Historical Marker 90001235. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. K Form for Historical Marker 90001188. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. L Form for Historical Marker 90001236. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. M Form for Historical Marker 90001176. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. N Form for Historical Marker 90001191. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. O Form for Historical Marker 12887. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. P Form for Historical Marker 72001374. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. Q Form for Historical Marker 13828. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. R Form for Historical Marker 13829. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. S Form for Historical Marker 14592. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. T Form for Historical Marker 13941. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. U Form for Historical Marker 12242. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. V Form for Historical Marker 14424. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. W Form for Historical Marker 15042. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

- n.d. X Form for Historical Marker 17925. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. Y Form for Historical Marker 17925. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. Z Form for Historical Marker 14000404. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. AA Form for Historical Marker 1000874. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. BB Form for Historical Marker 100005460. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. CC Form for Historical Marker 12238. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. DD Form for Historical Marker 90001192. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. EE Form for Historical Marker 14361. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. FF Form for Historical Marker 17589. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. GG Form for Historical Marker 17561. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. HH Form for Historical Marker 13232. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. II Form for Historical Marker 14313. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. JJ Form for Historical Marker 96000963. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. KK Form for Historical Marker 15417. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. LL Form for Historical Marker 90001186. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. MM Form for Historical Marker 90001184. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. NN Form for Historical Marker 83003167. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

- n.d. OO Form for Historical Marker 90001183. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. PP Form for Historical Marker 90001182. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. QQ Form for Historical Marker 12239. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. RR Form for Historical Marker 14254. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. SS Form for Historical Marker 90001181. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. TT Form for Historical Marker 90001179. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. UU Form for Historical Marker 87002115. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. VV Form for Historical Marker 98000404. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. WW Form for Historical Marker 15000543. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. XX Form for Historical Marker 18634. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. YY Form for Historical Marker 15556. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. ZZ Form for Historical Marker 12757. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. AAA Form for Historical Marker 12743. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. BBB Form for Historical Marker 15080. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. CCC Form for Historical Marker 15258. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. DDD Form for Historical Marker 16954. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.
- n.d. EEE Form for Historical Marker 14392. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.



n.d. FFF Form for Historical Marker 13926. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

n.d. GGG Form for Historical Marker 12592. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

n.d. HHH Form for Historical Marker 4001152. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

n.d. III Form for Historical Marker 1000612. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

n.d. JJJ Form for Historical Marker 79003013. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

n.d. KKK Form for Historical Marker 15862. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

n.d. LLL Form for Historical Marker 14242. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

n.d. MMM Form for Historical Marker N/A. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

n.d. NNN Form for Historical Marker 70000763. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

n.d. OOO Form for Historical Marker 15196. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

n.d. PPP Form for Historical Marker 90001185. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

n.d. QQQ Form for Historical Marker 3000937. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

n.d. RRR Form for Historical Marker 14343. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

n.d. SSS Form for Historical Marker 98000955. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

n.d. TTT Form for Historical Marker 70000767. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

n.d. UUU Form for Historical Marker 13278. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

n.d. VVV Form for Historical Marker 90001178. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

n.d. WWW Form for cemetery TV-C199. Available at the THC. . <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

Anthony, Dana and Andy Malof  
2014 Form for Site 41TV2454. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

Battle, William James  
2020 "Kinsolving, George Herbert (1849-1928)". *Handbook of Texas Online*.  
<https://www.tshaonline.org/handbook/entries/kinsolving-george-herbert>. Accessed on November 17, 2020.

Briggs, Alton K  
1981 Form for Site 41TV548. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

Butler, Joel  
2012 Form for Site 41TV2412. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

Bureau of Economic Geology (BEG)  
1995 Geologic Atlas of Texas: Austin Sheet. Bureau of Economic Geology, The University of Texas at Austin.

Christie, V. and G. Davis  
1972 Form for Site 41TV876. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

(COA) City of Austin  
2020 Electronic resource for APLHD historical resource.  
<http://www.austintexas.gov/departments/historic-districts#Aldridge%20Place>.  
Accessed on November 23, 2020.

Feit, Rachel, Joel Butler and Kurt Korfmacher  
2013 Form for Site 41TV137. Available at the THC. Available at the THC.  
<https://atlas.thc.state.tx.us/Map> accessed October 29, 2020.

Fuszek, Rick  
1991 Form for Site 41TV548. Available at the THC. Available at the THC.  
<https://atlas.thc.state.tx.us/Map> accessed October 29, 2020.

Gillentine, James and Theresa Miller  
2009 Form for Site 41TV548. Available at the THC. Available at the THC.  
<https://atlas.thc.state.tx.us/Map> accessed October 29, 2020.

Goodwin, Molly and William J. Weaver  
2003 Form for Site 41TV2060. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

Jones, Bradford

- 2007 “The Archeological Survey of the Proposed Reimers-Peacock Road Highway Improvement, Travis County, Texas”. Available at the THC.  
<https://atlas.thc.state.tx.us/Map> accessed on November 17, 2020.

McCollum, Melanie

- 1986 Form for Site 41TV1285. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed October 29, 2020.

Morton, Benjamin

- 2019 Form for TAC Permit 8985 Survey. Available at the THC. Available at the THC.  
<https://atlas.thc.state.tx.us/Map> accessed October 29, 2020.

Prociuk, Nadya, and Eric Schroeder, Danielle Blut, Steven Schooler, Will Crisp, Elizabeth de Marigny, Jordan Bowers, and Austin Schroeder

- 2019 Form for Site 41TV2562. Available at the THC. <https://atlas.thc.state.tx.us/Map> accessed on October 29, 2020.

United States Department of Agriculture–Natural Resources Conservation Service (USDA-NRCS)

- 2020 Soil Survey of Travis County, Texas. United States Department of Agriculture, Soil Conservation Service, Washington DC.

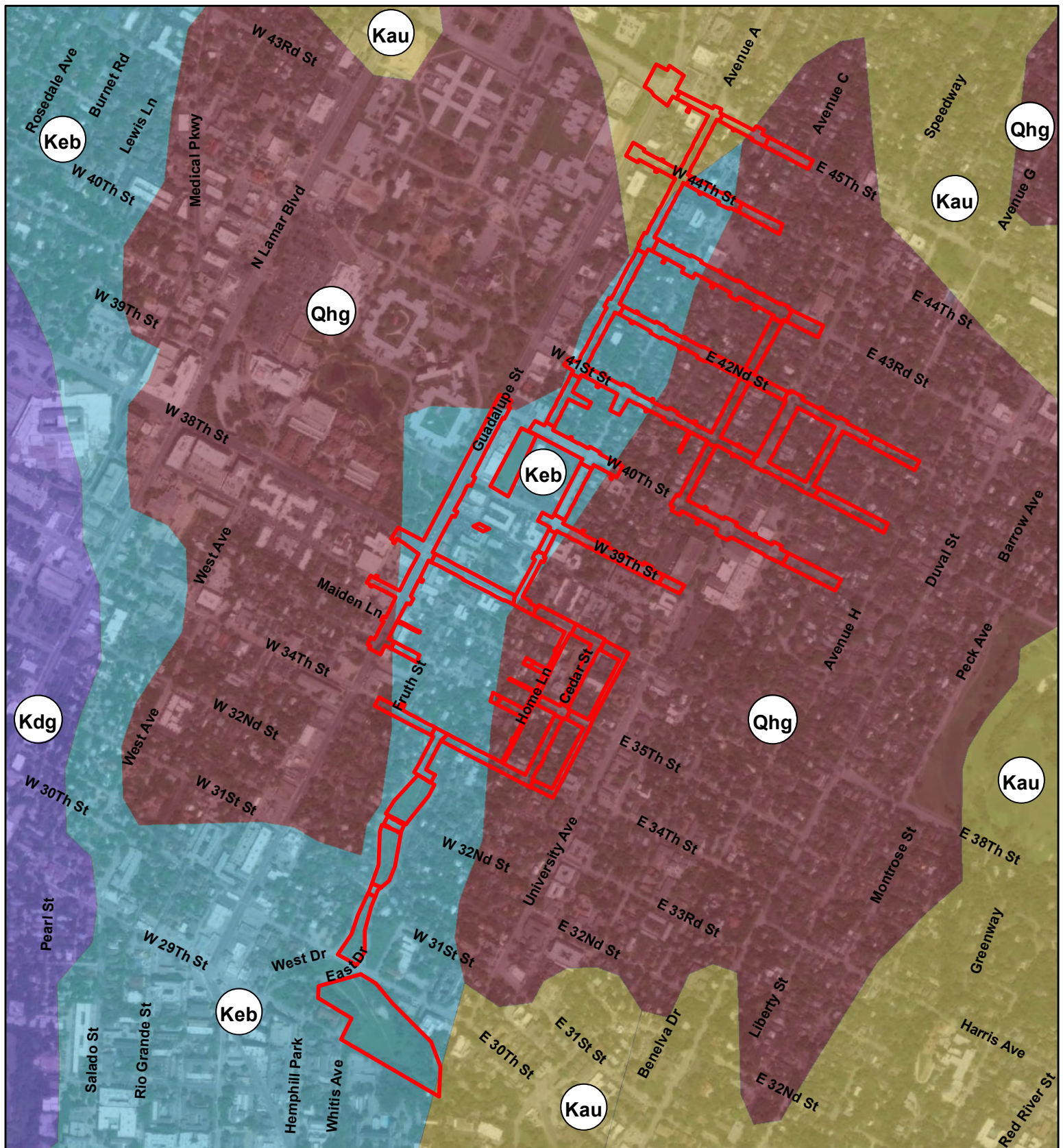
Werchan, L.E., A.C. Lowther, and R.N. Ramsey

- 1974 *Soil Survey of Travis County, Texas*. United States Department of Agriculture, Soil Conservation Service. Washington, D. C.









Project Area

#### Geologic Formations:

- Kau: Austin Chalk
- Kdg: Georgetown Formation
- Keb: Eagle Ford Group and Buda Limestone
- Qhg: Quaternary high gravel and terrace deposits



Feet  
0 400 800

Baer Project No. 202001.01  
Date: December 7, 2020

TBPE Firm No. F-3181 TBPG Firm No. 50030

Base Map: World Imagery

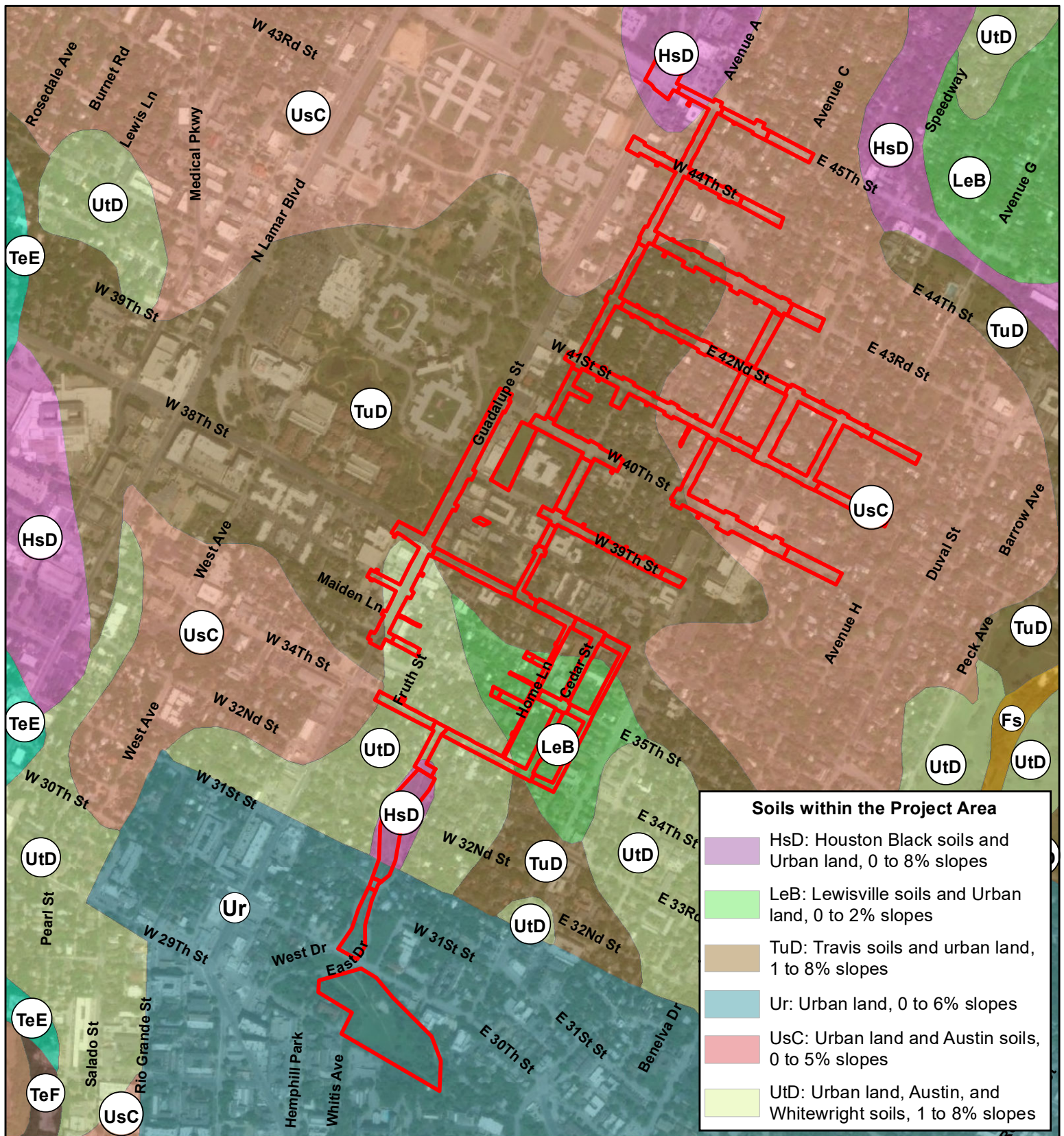
**Figure 2**  
**Site-Specific Geology**

Guadalupe Street  
Storm Drain Improvements



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**Figure 3**  
**Site-Specific Soils**

Guadalupe Street  
Storm Drain Improvements

 Project Area



Feet  
0 400 800

Baer Project No. 202001.01  
Date: December 7, 2020

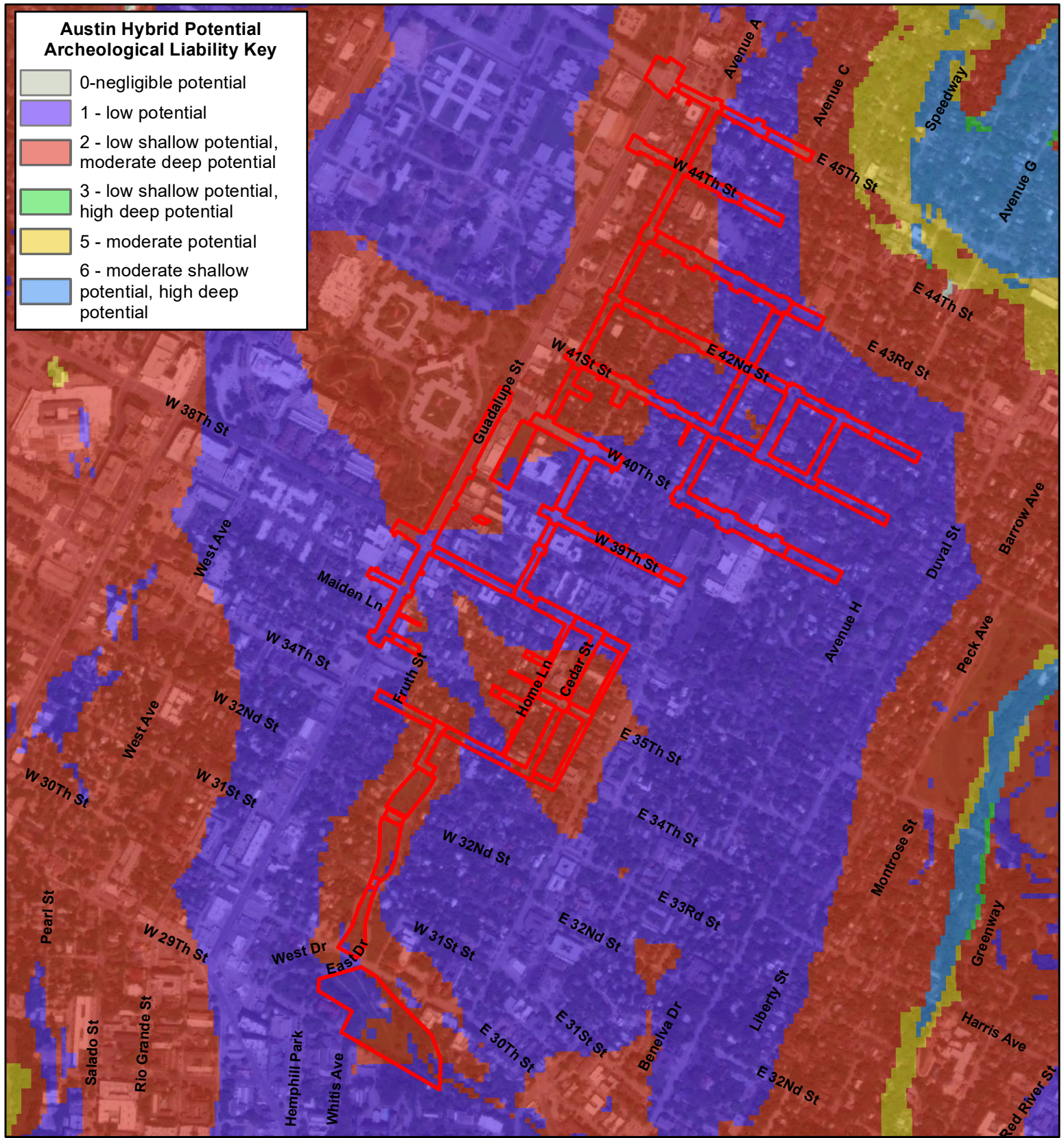
TBPE Firm No. F-3181 TBPG Firm No. 50030

Base Map: World Imagery



**Baer Engineering**  
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**Figure 4**  
**Potential Archeological Liability Map**

Guadalupe Street  
Storm Drain Improvements

 Project Area



Feet  
0 400 800

Baer Project No. 202001.01  
Date: December 7, 2020

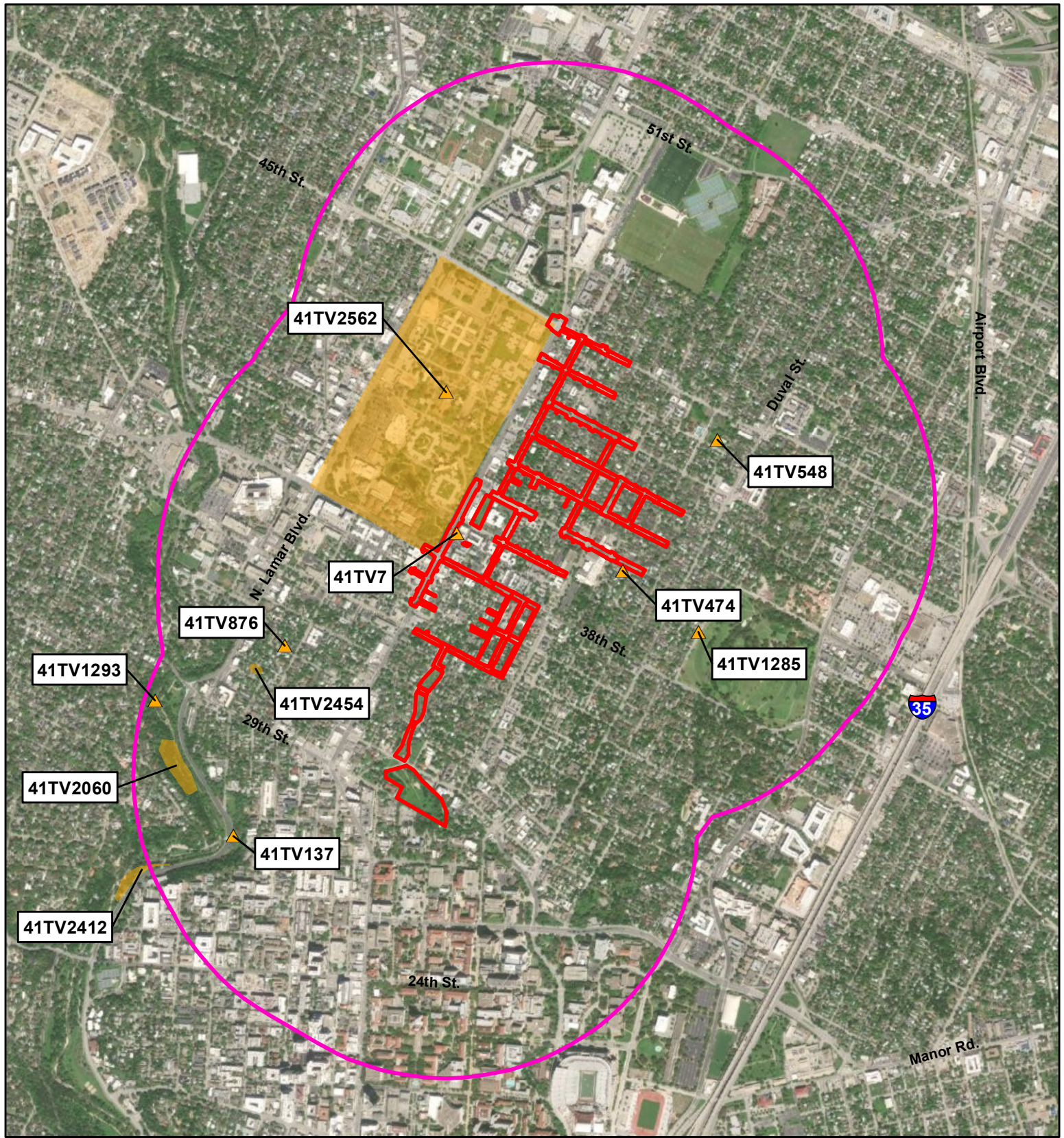
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Base Map: World Imagery



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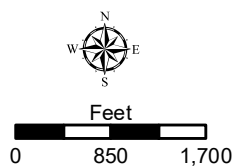




**Figure 5**  
**Previously-Recorded**  
**Archeological Sites**

Guadalupe Street  
Storm Drain Improvements

-  Previously-Recorded Archeological Site Centroid
-  Previously-Recorded Archeological Site Area
-  Project Area
-  Buffer (1-km)



Baer Project No. 202001.01  
Date: December 7, 2020

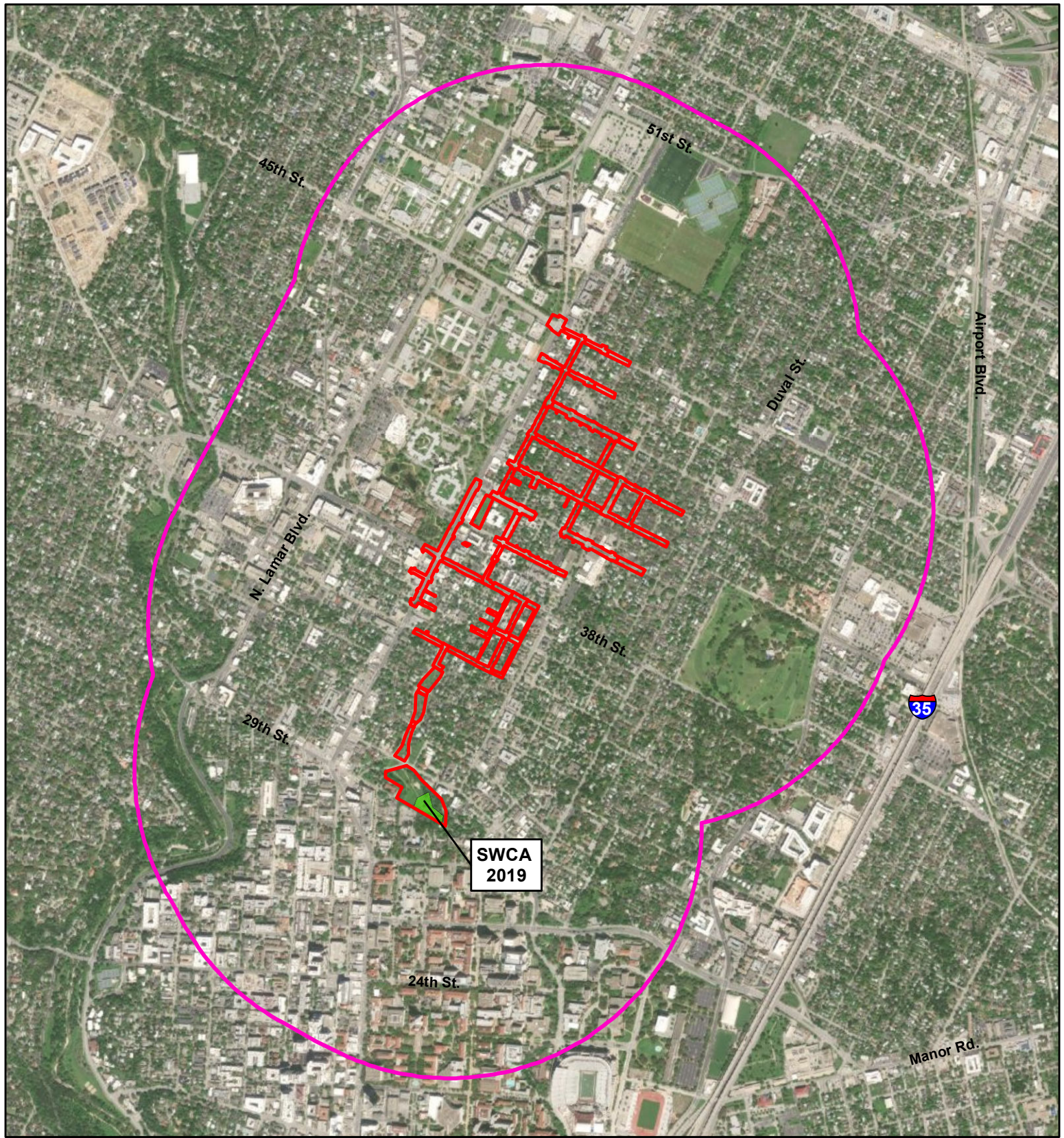
TBPE Firm No. F-3181 TBPG Firm No. 50030

Base Map: World Imagery



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**Figure 6**  
**Previous Archeological**  
**Investigations**

Guadalupe Street  
Storm Drain Improvements

- Previous Archeological Investigations
- Project Area
- Buffer (1-km)



Feet  
0 850 1,700

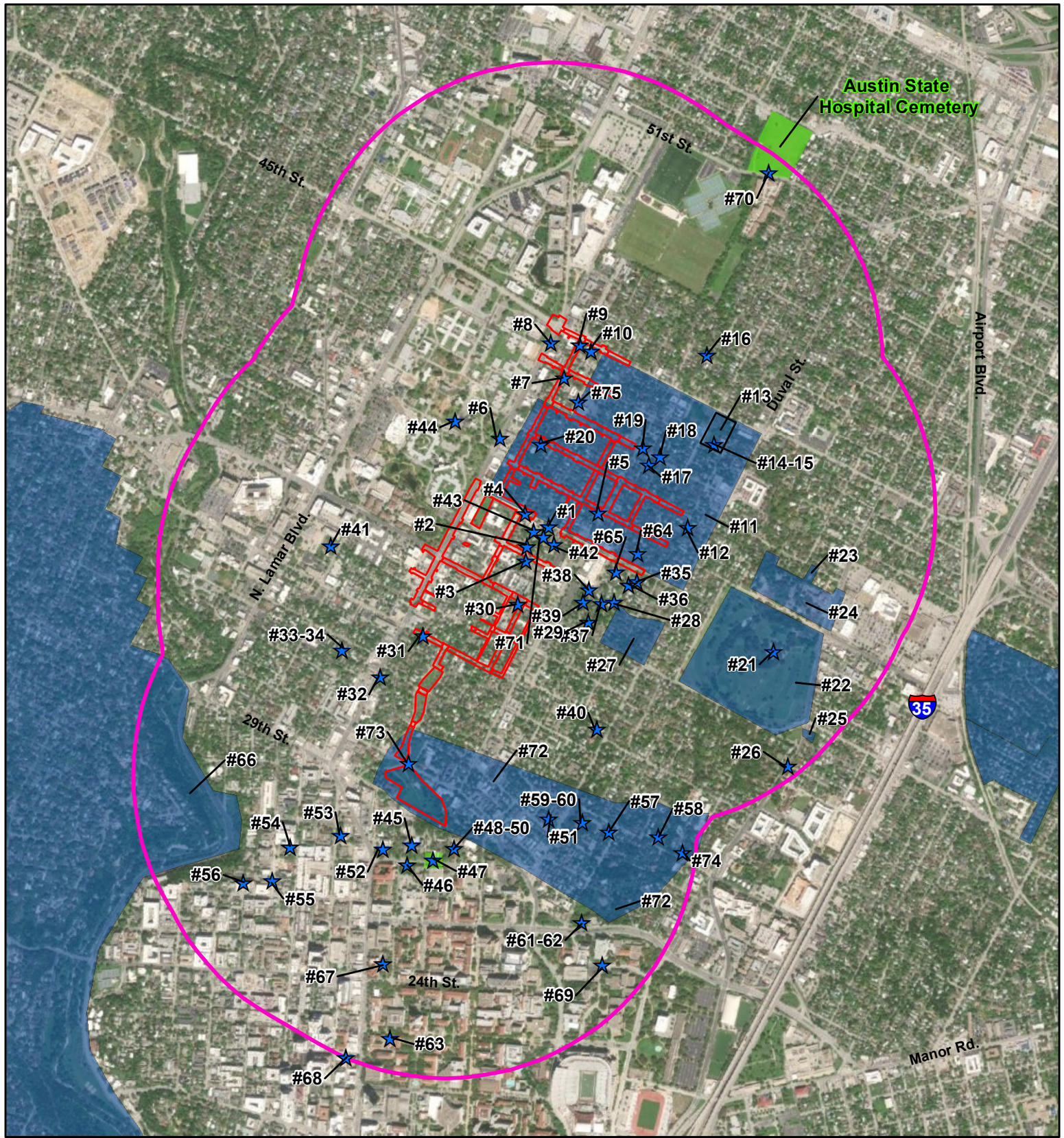
Baer Project No. 202001.01  
Date: December 7, 2020

TBPE Firm No. F-3181 TBPG Firm No. 50030  
Base Map: World Imagery



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**Figure 7**  
**Previously-Recorded Historical Resources and Cemeteries**

Guadalupe Street  
 Storm Drain Improvements



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★ Historic Marker

■ Cemetery

■ National Register Historic District

□ Project Area

□ Buffer (1-km)



Feet  
 0 850 1,700

Baer Project No. 202001.01  
 Date: December 7, 2020

TBPE Firm No. F-3181 TBPG Firm No. 50030

Base Map: World Imagery





**Figure 8**  
**1896 Topographic Map**

Guadalupe Street  
Storm Drain Improvements

 Project Area



Feet  
0 500 1,000

Baer Project No. 202001.01  
Date: December 7, 2020

TBPE Firm No. F-3181 TBPG Firm No. 50030



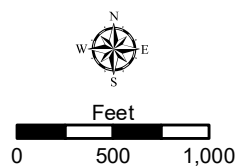
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**Figure 9**  
**1954 Topographic Map**

Guadalupe Street  
Storm Drain Improvements

 Project Area



Baer Project No. 202001.01  
Date: December 7, 2020

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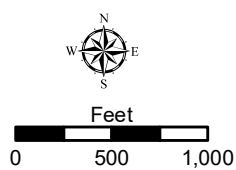




**Figure 10**  
**1940 Aerial Photographs**

Guadalupe Street  
Storm Drain Improvements

 Project Area



Baer Project No. 202001.01  
Date: December 7, 2020

TBPE Firm No. F-3181 TBPG Firm No. 50030



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