

DATE: APRIL 6, 2020
TO: ALL PLAN HOLDERS
PROJECT: CITY OF SAN AUGUSTINE
2018 – 2019 TxCDBG COLUMBIA STREET SIDEWALKS
TxCDBG No. 7218172

ADDENDUM NO. 1

The Contract Documents, Technical Specifications, Attachments, and Plans are hereby modified as follows:

- A. Bidding Documents:
 - a. Bid Opening Procedures: Due to the directives of local, State, and Federal governments and agencies regarding COVID-19 social distancing the public bid opening will be conducted as follows:
 - 1. Only the Engineer and a representative of the City will be allowed in the bid opening location.
 - 2. Those individuals from the public who wish to attend the bid opening may do so by teleconference. The phone number is 209.844.4600 (alternate phone numbers can be found at <https://8x8.vc/ksa/static/dialInInfo.html?room=danny.hays>). The meeting number is 11708920#.
- B. Technical Specifications:
 - a. Revised Section 01450 included with this addendum.
- C. Attachments: (None)
- D. Plans:
 - a. Revised Sheets 05, 07, and 09 included with this addendum.

ADDENDUM No. 1 ISSUED BY:

KSA ENGINEERS, INC.

C. Daniel "Danny" Hays, P.E.
Project Manager
TBPE Firm Registration No. F-1356

SECTION 01450

TESTING LABORATORY SERVICES

PART 1 GENERAL

1.01 DESCRIPTION

- A. This section specifies materials testing activities and inspection services required during project construction to be provided by a Testing Laboratory retained by the ~~Owner~~ Contractor and paid for by Contractor

1.02 RELATED SECTIONS

- A. Section 01330 – Shop Drawings and Submittals
- B. Section 01700 – Execution and Closeout Requirements

1.03 REFERENCES

- A. ASTM C802 - Practice for Conducting an Interlaboratory Test Program to Determine the Precision of Test Methods for Construction.
- B. ASTM D3740 - Practice for Evaluation of Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction.
- C. ASTM E329 - Practice for Use in the Evaluation of Inspection and Testing Agencies as Used in Construction.
- D. ASTM E543 - Practice for Determining the Qualification of Nondestructive Testing Agencies.
- E. ASTM E548 - Practice for Preparation of Criteria for Use in the Evaluation of Testing Laboratories and Inspection Bodies.
- F. ASTM E699 - Practice for Criteria for Evaluation of Agencies Involved in Testing, Quality Assurance, and Evaluating Building Components in Accordance with Test Methods Promulgated by ASTM Committee E6.

1.04 SELECTION AND PAYMENT

- A. ~~Contractor shall~~Owner may employ services of an independent testing agency or laboratory to perform specified testing. Contractor will pay for testing required.
- B. Employment of testing agency or laboratory in no way relieves Contractor of obligation to perform Work in accordance with requirements of Contract Documents.
- C. The Contractor shall furnish at his own expense, suitable evidence that all the material he proposes to incorporate into the work are in accordance with the Specifications. Manufacturer's or supplier's test results will be acceptable for such items as pipe and fittings, when it is definite that the materials being furnished are those to which the test results apply. Should the Contractor fail to provide the above information, the Engineer shall have the right to require tests to be made by the Contractor's laboratory to obtain the information and the cost shall be borne by the Contractor.
- D. Mix designs for asphaltic concrete and for Portland cement concrete shall be furnished by the Contractor at his own expense. Testing and mix design shall be performed by an independent certified testing laboratory approved by the Engineer.

- E. In any event, the Engineer may have further tests made by commercial laboratory or may make test himself, to insure that the Specifications are complied with by the Contractor. Cost of these tests will be borne by the Owner unless such tests indicate the material tested fail to meet the specifications. In this case the cost will be borne by the Contractor.
- F. Any testing laboratory utilized on the project shall meet "Recommended Requirements for Independent Laboratory Qualifications", latest edition, published by the American Council of Independent Laboratories, and shall be currently state certified.

1.05 QUALITY ASSURANCE

- A. Laboratory: Authorized to operate in State in which Project is located.
- B. Laboratory Staff: Maintain a full time registered Engineer on staff to review services.
- C. Testing Equipment: Calibrated at reasonable intervals with devices of an accuracy traceable to either National Bureau of Standards or accepted values of natural physical constants.

1.06 AGENCY/LABORATORY RESPONSIBILITIES

- A. Test samples of mixes submitted by Contractor.
- B. Provide qualified personnel at site. Cooperate with Engineer and Contractor in performance of services.
- C. Perform specified sampling and testing of Products in accordance with specified standards.
- D. Ascertain compliance of materials with requirements of Contract Documents.
- E. Promptly notify Engineer and Contractor of observed irregularities or non-conformance of Work or Products.
- F. Perform additional tests required by Engineer.

1.07 AGENCY/LABORATORY REPORTS

- A. After each test, promptly submit two copies of report to Engineer and to Contractor.
- B. Include:
 - 1. Date Issued
 - 2. Project Title and Number
 - 3. Name of Inspector
 - 4. Date and Time of Sampling or Inspection
 - 5. Identification of Product and Specifications Section
 - 6. Location in the Project
 - 7. Type of Inspection or Test
 - 8. Date of Test
 - 9. Results of Tests
 - 10. Conformance with Contract Documents
- C. When requested by Engineer, provide interpretation of test results.

1.08 LIMITS ON TESTING AUTHORITY

- A. Agency or laboratory may not release, revoke, alter, or enlarge on requirements of Contract Documents.
- B. Agency or laboratory may not approve or accept any portion of the Work.
- C. Agency or laboratory may not assume any duties of Contractor.
- D. Agency or laboratory has no authority to stop the Work.

1.09 CONTRACTOR RESPONSIBILITIES

- A. Deliver to agency or laboratory at designated location, adequate samples of materials proposed to be used which require testing.
- B. Cooperate with laboratory personnel, and provide access to the Work.
- C. Provide incidental labor and facilities:
 - 1. To provide access to Work to be tested.
 - 2. To obtain and handle samples at the site or at source of Products to be tested.
 - 3. To facilitate tests.
 - 4. To provide storage and curing of test samples.
- D. Notify Engineer and laboratory 24 hours prior to expected time for operations requiring testing services.

PART 2 PRODUCTS (NOT USED)

PART 3 EXECUTION

3.01 EARTHWORK

- A. General: The Testing Laboratory shall provide qualified personnel, materials, equipment, and transportation as required to perform the services identified/required herein, within the agreed to schedule and/or time frame. The work to be performed shall be as identified herein and shall include but not be limited to the following:
 - 1. Observe fill and subgrades during proof-rolling to evaluate suitability of surface material to receive fill or base course. Provide recommendations to the Resident Engineer regarding suitability or unsuitability of areas where proof-rolling was observed. Where unsuitable results are observed, witness excavation of unsuitable material and recommend to Resident Engineer extent of removal and replacement of unsuitable materials and observe proof-rolling of replaced areas until satisfactory results are obtained.
 - 2. Provide part time of fill placement and compaction and field density testing in building areas and provide part time observation of fill placement and compaction and field density testing in pavement areas to verify that earthwork compaction obtained is in accordance with contract documents.
 - 3. Provide supervised geotechnical technician to inspect excavation, subsurface preparation, and backfill for structural fill.

B. Testing Compaction

1. Determine maximum density and optimum moisture content for each type of fill, backfill and subgrade material used, in compliance with ASTM D698 and/or ASTM D1557.
2. Make field density tests in accordance with the primary testing method following ASTM D2922 wherever possible. Field density tests utilizing ASTM D1556 or ASTM D2167 shall be utilized on a case by case basis only if there are problems with the validity of the results from the primary method due to specific site field conditions. Should the testing laboratory propose these alternative methods, they should provide satisfactory explanation to the Resident Engineer before the tests are conducted.
 - a. Trenches: In open fields – two locations per 1,000 linear feet; along roads or in right-of-way – two locations per 500 linear feet; under pavement cuts or within two feet of pavement edge – one location per 400 linear feet.
 - b. Footing Subgrade: At least one test for each layer of soil on which footings will be placed. Subsequent verification and approval of each footing subgrade may be based on a visual comparison of each subgrade with related tested subgrade when acceptable to Resident Engineer. In each compacted fill layer below wall footings, perform one field density test for every 30 m (100 feet) of wall. Verify subgrade is level, all loose or disturbed soils have been removed, and correlate actual soil conditions observed with those indicated by test borings.
 - c. For Select Fill: On 30 foot intervals on all sides of the structure for every compacted lift, but not less than one per lift on each side of the structure for structures less than 60 feet long on a side.
 - d. For General Fill: One per 1,000 square feet on every compacted lift.
- C. Testing for Footing Bearing Capacity: Evaluate if suitable bearing capacity material is encountered in footing subgrade.
- D. Testing Materials: Test suitability of on-site and off-site borrow as directed by Engineer.

3.02 SUBGRADE (STABILIZED OR NON-STABILIZED) (NOT USED)

- ~~A. Field moisture density tests shall be taken at the rate of one test for each 1000 square yards of subgrade area or a minimum of three tests, whichever is greater. Thickness determination of the stabilized subgrade shall be made at random locations.~~
- ~~B. After the stabilized subgrade has been compacted and density tests performed; the subgrade shall be allowed to cure for a period of 72 hours. After 72 hours the entire subgrade shall be proof rolled with a heavily loaded vehicle. The vehicle shall have a loaded GVW of 50,000 pounds with a single axle weight of at least 18,000 pounds and a tire pressure of 90 psi. Subgrade that is pumping or deforming shall be reworked, replaced or otherwise modified to form a smooth, stable, non-yielding base for subsequent paving courses, at no additional cost to the Owner. The Engineer shall be notified at least 48 hours before final proof rolling.~~
- ~~C. The results of field density tests, thickness and proof rolling shall be submitted for approval by the Engineer. Provided all tests are acceptable, the subgrade will be approved and the next paving course can be placed.~~

3.03 ASPHALT CONCRETE PAVING (NOT USED)

A. ~~Density~~

- ~~1. Hot mix asphaltic concrete will be accepted for density and depth on a street by street basis. Each street will consist of one day's production and a minimum of four (8) tests shall be made for each street unless otherwise determined by the Engineer the amount of HMAC to be placed warrants fewer tests.~~
- ~~2. Each paved street will be accepted, with respect to density, when the average field density is equal to or greater than 94.0 percent of the average maximum theoretical density (94% to 95% is optimum) as determined in accordance with ASTM D2041, and when no individual determination is less than 90.0 % of the average maximum theoretical density. Cores or sawed samples taken from the pavement will be used to determine the field density. The density of the cored or sawed samples shall be determined in accordance with ASTM D2726.~~
- ~~3. When the average field density is less than 94.0 % or when one core is less than 90.0%, the Contractor's pay schedule for this item shall be adjusted in accordance with the following table. Deficient samples shall be averaged and used in determining the adjusted payment for HMAC. This collected average shall be applied to the entire street.~~

Average Percent Density ⁽¹⁾	Payment Adjustment
94.0 and above	100%
91.5—93.9	90%
90.0—91.4	75%
Below 90.0	Rejected ⁽²⁾

~~Notes:~~

~~(1) Average of 8 Samples~~

~~(2) If the Owner agrees to accept densities below 90%, the payment factor shall be 50%~~

- ~~4. Specimens used for field density determination shall be carefully crumbled, using heat if necessary, and maximum theoretical density determined in accordance with ASTM D2041. If heating is necessary, the specimen shall be heated to the lowest temperature required for proper preparation of the sample.~~
- ~~5. The use of nuclear field density determinations shall not be used as the basis for acceptance with respect to density~~

B. ~~Thickness~~

- ~~1. In-place compacted thickness shall not be less than thickness specified on the drawings. If tests results indicate two (2) or more samples are less than the plan specified depth, the Contractor's pay schedule for this item shall be adjusted in accordance with the following table. Deficient samples shall be averaged and used in determining the adjusted payment for HMAC. This collected average shall be applied to the entire street.~~

Core Thickness (inches)	Payment Adjustment
2 or Greater	100%
1.81—1.95	95%
1.66—1.80	80%
1.51—1.65	75%
1.5 or less	Rejected

- ~~2. Any one (1) sample that is 1.5" or less in thickness shall be cause for rejection. At the discretion of Owner, the entire street shall receive a tack coat and a minimum 1" overlay; or shall be removed and replaced to the proper thickness until specified thickness of the course is met or exceeded at no additional expense to the Owner.~~
- ~~3. Coring holes shall be immediately filled with full depth asphalt.~~
- ~~C. Copies of all haul tickets shall be provided to the Engineer. Should these tests indicate that the material does not meet specifications; the material shall be removed and replaced by the Contractor, at no additional cost to the Owner.~~

3.04 CONCRETE

- A. The Contractor shall engage an independent testing laboratory to conduct concrete tests on structural concrete and concrete pavement. Unless otherwise informed, the Contractor will be responsible for sampling concrete for test cylinders, recording, and delivering them to the laboratory, providing all materials required, and for making all slump tests in the field directed by the Engineer. All costs in connection with work performed by the laboratory will be paid by the Contractor. The Contractor shall be responsible for the costs of work performed by the laboratory required for redesign of concrete proportions and retesting of in place concrete when cylinders indicate low strength concrete has occurred.
- B. At least one test shall be made on fresh concrete for each seventy-five (75) cu. yd. of each strength of concrete (or fraction thereof) placed on any one day and in any event, not less than one test for each class of concrete each day it is used. Testing shall be done in accordance with the following ASTM Specifications, latest edition:
 1. C172 – Standard Method of Sampling Fresh Concrete
 2. C31 – Standard Method of Making and Curing Concrete Compression & Flexure Test Specimens in the Field
 3. C39 – Standard Method of Test of Compressive Strength of Molded Concrete Cylinders
 4. C143 – Standard Method of Slump Test for Consistency of Portland Cement Concrete
- C. Before any concrete is poured, the Contractor shall construct a storage box in accordance with ASTM Specification C31. Each set of tests shall consist of one slump test and four compression test cylinders. All cylinders shall be kept in the storage box for the first 24 hours.
- D. The four cylinders shall be laboratory cured and tested for adequacy of the design for strength of the concrete in accordance with ASTM Specification C31. Two cylinders shall be tested at 7 days and two at 28 days.
- E. Failure of Concrete to Meet Strength Requirements:
 1. The concrete shall be considered acceptable if, for any one class of concrete, the average of all tests or any five consecutive tests is equal to or greater than the specified strength, provided that no more than one test of the five falls between 90% and 100% of the specified strength. The only cylinders to be used for determination of concrete acceptability will be those laboratory cured and tested at 28 days. When it appears the tests of laboratory-cured cylinders will fail to meet these requirements, the Engineer may require changes in the proportions of

concrete for the remainder of the work in order to meet the strength requirements. In addition, the Engineer may also require additional curing not to exceed a total of 21 days on portions of the concrete already poured.

2. The Engineer may also require tests in accordance with Methods of Securing, Preparing and Testing Specimen from Hardened Concrete for Compressive and Flexural Strengths (ASTM Specifications C42) when the concrete cylinder tests fail to meet strength requirements. In the event there still is question as to the quality of the concrete in the structure, the Engineer may require load tests for that portion where the questionable concrete has been placed. Such load tests will be made as outlined in Chapter 20 of American Concrete Institute Building Code. (ACI 318-71), and shall be at the expense of the Contractor.

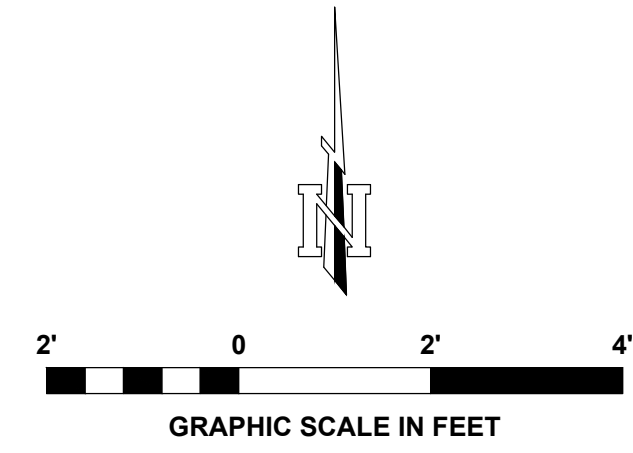
F. Removal of Under Strength Concrete:

1. If the above tests indicate that a particular batch of previously placed concrete is under strength, the Engineer may direct that the under strength batch be removed and replaced. The removal of the under strength concrete shall also include the removal of concrete that has obtained the required strength if the Engineer deems this necessary to obtain structural or visible continuity when the concrete is replaced.
2. The removal, and replacement of any under strength concrete, shall be made at no additional cost to the Owner. This shall include any new formwork required or any reinforcing steel that may be required. The Owner shall not be charged any additional costs for any extra work that is required because of the failure of any concrete to meet the minimum test requirements.

- G. Mix Designs for portland cement concrete shall be furnished by the Contractor at his own expense. Testing and mix design shall be performed by an independent certified testing laboratory approved by the Contractor.

END OF SECTION

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HARDWARE ON THE SQUARE

MIKE EVANS STATE FARM

PERRY KAWASAKI

APPROX 56 SY OF CONCRETE PAVEMENT

MATCH EXISTING SIDEWALK
45 LF OF TXDOT TYPE B HANDRAIL SEE SHEET 09 FOR STEPS AND HANDRAIL DETAILS

MATCH EXISTING SIDEWALK

CONTRACTOR TO TEMPORARILY SUPPORT AWNING AND REMOVE CONCRETE UNDER POST. BUILD BASE TO MAINTAIN ORIGINAL ELEVATION.

APPROX 48 LF OF CURB AND GUTTER (SEE NOTE 1 ON SHEET 04)

CONC SWALE

BRICK

COLUMBIA ST.
(ASPHALT)

DIMENSIONAL LAYOUT TABLE					
POINT NUMBER	POINT DESCRIPTION	EXISTING ELEVATION	PROPOSED ELEVATION	NORTHING	EASTING
101	BASE OF STEPS	97.90	97.90	10050.8524	9931.085
102	BASE OF STEPS	97.50	97.50	10046.7334	9931.0648
103	BASE OF RAMP	97.27	97.46	10042.3272	9931.0756
104	FIRST STEP	98.36	98.48	10050.8548	9932.0546
105	FIRST STEP	98.29	98.48	10046.7910	9932.0646
106	SECOND STEP	98.57	99.06	10050.8574	9933.1016
107	SECOND STEP	98.47	99.06	10046.7985	9933.0646
108	TOP STEP	99.54	99.54	10050.8597	9934.0546
109	TOP STEP	99.41	99.54	10046.8061	9934.0646
110	TOP OF CURB	99.27	97.42	10042.3272	9934.0786
111	TOP OF CURB	99.23	97.40	10041.1167	9934.0786
112	BUILDING	99.58	99.58	10050.9485	9935.7042
113	BUILDING	99.61	99.61	10051.5402	9935.9013
114	DOORWAY	99.66	99.66	10051.6555	9944.3283
115	TOP SIDEWALK	99.50	99.61	10046.8589	9941.0643
116	RAMP	99.50	97.96	10046.8202	9941.0647
117	TOP OF CURB	98.89	97.90	10041.2589	9941.1764
118	DOORWAY	99.69	99.69	10051.7894	9950.6605
119	TOP SIDEWALK	99.59	99.65	10046.9343	9951.0641
120	RAMP	99.59	98.41	10046.9069	9951.0643

DIMENSIONAL LAYOUT TABLE					
POINT NUMBER	POINT DESCRIPTION	EXISTING ELEVATION	PROPOSED ELEVATION	NORTHING	EASTING
121	TOP OF CURB	99.40	98.36	10041.4593	9951.1738
122	BUILDING	99.73	99.73	10051.8125	9958.8103
123	TOP SIDEWALK	99.60	99.66	10047.0097	9961.0637
124	RAMP	99.60	98.87	10046.9936	9961.0639
125	TOP OF CURB	99.43	98.82	10041.6597	9961.1711
126	BUILDING	99.60	99.60	10051.3246	9968.1032
127	TOP SIDEWALK	99.60	99.55	10047.0634	9968.1889
128	RAMP	99.60	99.19	10047.0554	9968.1889
129	TOP OF CURB	99.45	99.14	10041.8042	9968.2944
130	DOORWAY	99.54	99.54	10051.3195	9975.2514
131	TOP SIDEWALK	99.52	99.52	10047.1172	9975.3139
132	TOP OF CURB	99.47	99.47	10041.9433	9975.3221
133	TOP OF CURB	99.48	99.48	10042.0296	9979.5139
134	BUILDING	99.63	99.63	10051.4723	9981.2121
135	TOP OF CURB	99.48	99.48	10042.6399	9981.3467

10/4/19	ISSUED FOR REGULATORY REVIEW
12/17/19	ISSUED FOR TDLR REVIEW
4/5/20	REVISIONS PER ADDENDUM 1
0	MARK
	REVISION
	DATE

CLIENTS: PERRY KAWASAKI, SALUO WORKS INC, CDBG
SHEET'S: SALUO-CLO-PROJ-DWG | SITE | 1 | 4/5/2020 - 1:38 PM
DRAWING PATH NAME: LAYOUT | PLOT DATE: TIME
PROJECT TITLE: CITY OF SAN AUGUSTINE, TEXAS

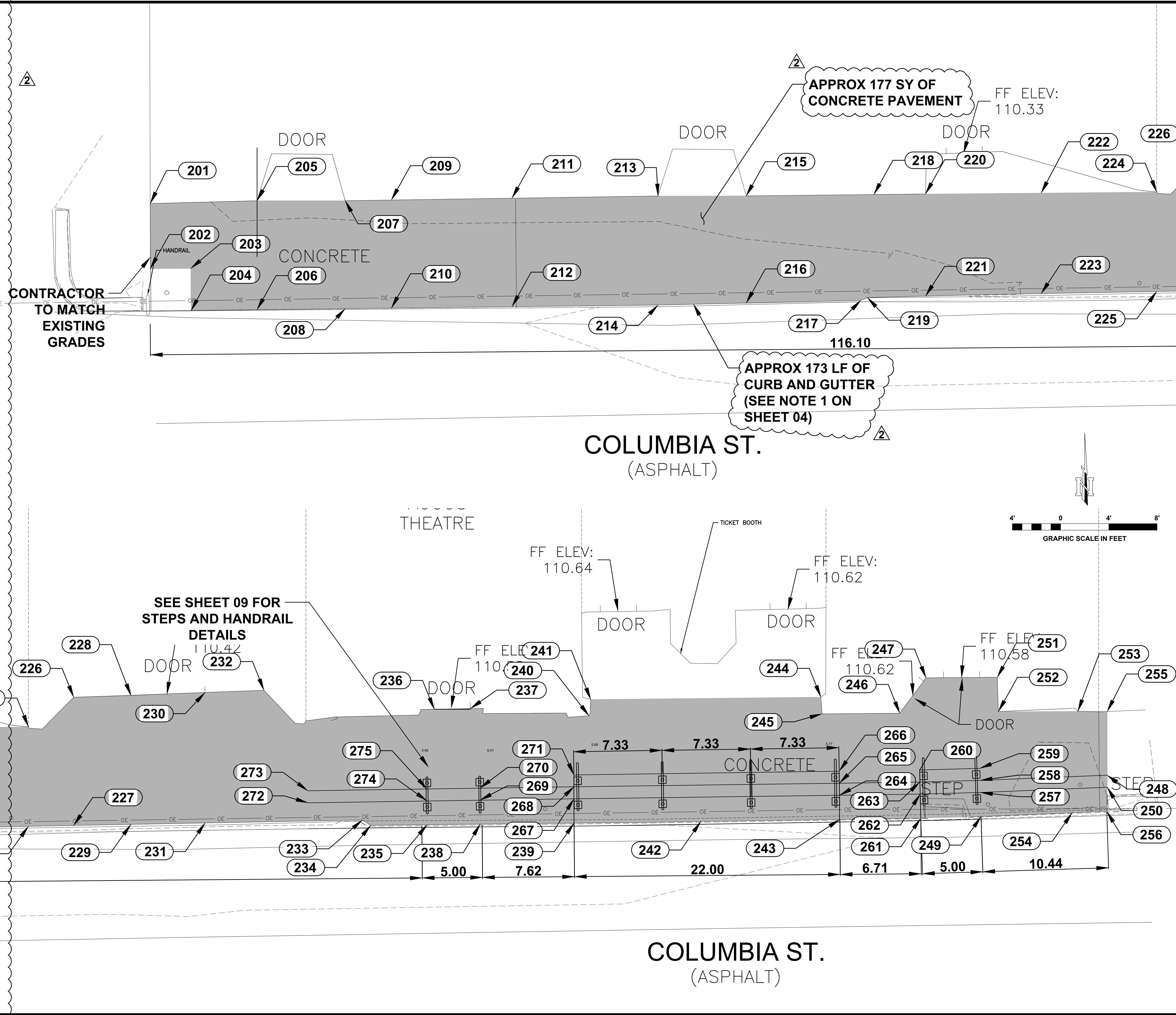
STATE FARM
INSURANCE OFFICE SITE
SIDEWALK PLAN



CITY OF SAN AUGUSTINE
2018-2019 TXCDBG
MAIN STREET SIDEWALKS
SAN AUGUSTINE, TEXAS

DRAWN BY:	ZPEAVY
DESIGNED BY:	ZPEAVY
LATEST REVISION:	
KSA JOB NO.:	SALU010

SEAL: TBPE Firm Registration No. F-1356
SHEET NO.

DIMENSIONAL LAYOUT TABLE					
POINT NUMBER	POINT DESCRIPTION	EXISTING ELEVATION	PROPOSED ELEVATION	NORTHING	EASTING
201	BUILDING	109.88	109.88	10054.52	10260.93
202	EXISTING	109.74	109.74	10049.11	10260.93
203	EXISTING	109.79	109.79	10049.13	10264.29
204	TOP OF CURB	109.00	109.00	10045.63	10264.31
205	DOORWAY	110.09	110.09	10054.76	10269.79
206	TOP OF CURB	109.66	109.91	10045.72	10269.79
207	DOORWAY	110.07	110.07	10054.76	10277.10
208	TOP OF CURB	109.68	109.91	10045.80	10277.10
209	BUILDING	110.07	110.07	10054.82	10280.93
210	TOP OF CURB	109.69	109.89	10045.85	10280.93
211	BUILDING	110.08	110.08	10054.97	10290.93
212	TOP OF CURB	109.72	109.90	10045.96	10290.93
213	DOORWAY	110.08	110.08	10055.15	10303.04
214	TOP OF CURB	109.74	109.90	10046.10	10303.04
215	DOORWAY	110.10	110.10	10055.16	10310.35
216	TOP OF CURB	109.81	109.92	10046.27	10310.35
217	TOP OF CURB	109.89	109.95	10046.49	10319.85
218	BUILDING	110.13	110.13	10055.27	10320.93
219	TOP OF CURB	109.88	109.95	10046.72	10320.40
220	DOORWAY	110.14	110.14	10055.31	10325.22
221	TOP OF CURB	109.92	109.96	10046.85	10325.22
222	DOORWAY	110.28	110.28	10055.40	10334.80
223	TOP OF CURB	110.02	110.10	10047.05	10334.80
224	DOORWAY	110.41	110.41	10055.48	10344.39
225	TOP OF CURB	110.14	110.23	10047.23	10344.39
226	BUILDING	110.44	109.88	10057.94	10348.14
227	TOP OF CURB	110.19	110.23	10047.30	10348.14
228	DOORWAY	110.45	110.45	10058.08	10352.87
229	TOP OF CURB	110.25	110.24	10047.39	10352.87
230	DOORWAY	110.43	110.43	10058.33	10359.03
231	TOP OF CURB	110.33	110.22	10047.51	10359.03
232	BUILDING	110.49	110.49	10058.51	10363.92
233	TOP OF CURB	110.49	109.87	10047.75	10372.08
234	TOP OF CURB	110.50	109.88	10047.31	10372.76
235	TOP OF CURB	110.48	109.90	10047.36	10377.45
236	DOORWAY	110.59	110.59	10056.94	10378.03
237	DOORWAY	110.58	110.58	10056.99	10381.03
238	TOP OF CURB	110.45	109.89	10047.41	10381.84
239	TOP OF CURB	110.40	109.61	10047.49	10389.63
240	BUILDING	110.58	110.58	10056.40	10390.87
241	DOORWAY	110.61	110.61	10057.75	10391.01
242	TOP OF CURB	110.36	108.46	10047.63	10400.14
243	TOP OF CURB	110.33	108.31	10047.81	10411.67
244	DOORWAY	110.60	110.60	10057.95	10410.09
245	BUILDING	110.54	110.54	10056.56	10410.17
246	BUILDING	110.60	110.60	10056.61	10416.64
247	DOORWAY	110.60	110.60	10059.54	10418.81
248	TOP STEP	110.51	110.48	10051.47	10433.82
249	TOP OF CURB	110.41	109.41	10048.04	10423.38
250	BASE STEP	110.50	109.07	10050.47	10433.84
251	BUILDING	110.57	110.57	10059.60	10424.72
252	BUILDING	110.55	110.55	10056.75	10424.81
253	BUILDING	110.58	110.58	10056.77	10431.40
254	TOP OF CURB	110.41	109.05	10048.35	10430.93
255	BUILDING	110.60	110.60	10056.75	10433.84
256	TOP OF CURB	110.41	109.01	10048.47	10433.80
257	BASE STEP	110.31	109.47	10050.03	10423.33
258	MIDDLE STEP	110.38	109.97	10051.04	10423.30
259	TOP STEP	110.44	110.47	10052.04	10423.27
260	TOP STEP	110.50	110.50	10051.91	10418.29
261	TOP OF CURB	110.30	109.44	10047.91	10418.38
262	BASE STEP	110.46	109.50	10049.91	10418.33
263	MIDDLE STEP	110.48	110.00	10050.91	10418.31
264	BASE STEP	110.37	109.69	10049.80	10411.64
265	MIDDLE STEP	110.40	110.07	10050.80	10411.63
266	TOP STEP	110.42	110.45	10051.80	10411.61
267	BASE STEP	110.43	109.90	10049.51	10389.62
268	MIDDLE STEP	110.45	110.19	10050.51	10389.62
269	BASE STEP	110.48	109.95	10049.39	10381.82
270	TOP STEP	110.50	110.45	10050.39	10381.81
271	TOP STEP	110.46	110.47	10051.49	10389.61
272	BASE STEP	110.44	110.01	10049.18	10367.55
273	TOP STEP	110.44	110.34	10050.18	10367.57
274	BASE STEP	110.51	109.96	10049.33	10377.45
275	TOP STEP	110.52	110.46	10050.33	10377.44



ISSUED FOR REGULATORY REVIEW	10/4/19
ISSUED FOR TDLR REVIEW	12/17/19
REVISIONS PER ADDENDUM 1	4/5/20
MARK	REVISION
DATE	DATE
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DRAWING PATH NAME: LAYOUT PLOT DATE: - TIME	
PROJECT TITLE: --- CITY OF SAN AUGUSTINE, TEXAS	
SHEET NAME:	
PROJECT NAME:	
CITY OF SAN AUGUSTINE 2018-2019 TXCDBG MAIN STREET SIDEWALKS SAN AUGUSTINE, TEXAS	
DRAWN BY:	ZPEAVY
DESIGNED BY:	ZPEAVY
LATEST REVISION:	
KSA JOB NO.:	SAL1010
 211 E. Shepherd Ave., Suite 205 Lufkin, Texas 75901 T. 936-637-6061 F. 888-224-9418 www.ksaeng.com	
 SEAL: TPBE Firm Registration No. F-1356 SHEET NO.	
<h1>07</h1>	

