



June 6, 2016

McClure & Browne Engineering/Surveying, Inc.
1008 Woodcreek Drive, Suite 103
College Station, Texas 77845

Attn: Mr. Dale Browne, Jr., P.E.

Re: Geotechnical Letter Report
Sam Houston Avenue & 11th Street Waterline Rehabilitation – Phase 1
Huntsville, Texas
Terracon Project No. A1165058

Dear Mr. Browne:

This letter report presents the results of our geotechnical field services for the pavement cores along 11th Street and Sam Houston Avenue in Huntsville, Texas. This project was authorized by Mr. Dale Browne, through signature of our “Agreement for Services” on October 28, 2015. The project scope was performed in general accordance with Terracon Proposal No. PA1150044.R1, dated April 6, 2015.

The purpose of this letter-report is to perform 25 pavement cores and report the findings from these pavement cores.

Pavement Cores

The cores were performed to the lesser of either the depth of the base material or the full depth of the core barrel.

Pavement Core Observations		
Core No.	Thickness of Asphalt [inches]	Thickness of Concrete [inches]
C-1	---	6
C-2	1½	---
C-3	2	---
C-4	11½	---
C-5	4 ¹ .	---
C-6	2	---
C-7	2½ ¹ .	---
C-8	2½	---
C-9	3 ¹ .	---
C-10	3 ¹ .	---
C-11	4	---

Geotechnical Field Services

Sam Houston Ave. & 11th St. Waterline Rehab ■ Huntsville, Texas

June 6, 2016 ■ Terracon Project No. A1165058

Page 2



Pavement Core Observations		
Core No.	Thickness of Asphalt [inches]	Thickness of Concrete [inches]
C-12	2¾	---
C-13	4	---
C-14	8 ^{1.}	---
C-15	12	---
C-16	3 ^{1.}	---
C-17	3 ^{1.}	---
C-18	10 ^{1.}	---
C-19	3 ^{1.}	---
C-20	10 ^{1.}	---
C-21	2½ ^{1.}	---
C-22	2½ ^{1.}	---
C-23	3 ^{1.}	---
C-24	2½ ^{1.}	---
C-25	2 ^{1.}	---

^{1.} Thickness of asphalt recovered, asphalt extended below the depth of our core barrel, approximately 14 inches.

We trust that the results of these field services contained herein meet your project needs at this time. If you have any questions regarding this letter, please do not hesitate to contact us. We appreciate the opportunity to work with you on this project.

Sincerely,

Terracon Consultants, Inc.

(Texas Firm Registration No.: F-3272)

Joseph D. Hill, P.E.
Senior Staff Geotechnical Engineer

Alton G. Rogers, P.E.
Senior Associate / Office Manager

Attachments:

Site Location Plan – Exhibit A-1

Core Location Plan – Exhibit A-2

APPENDIX A
FIELD EXPLORATION

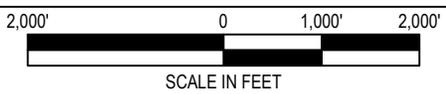
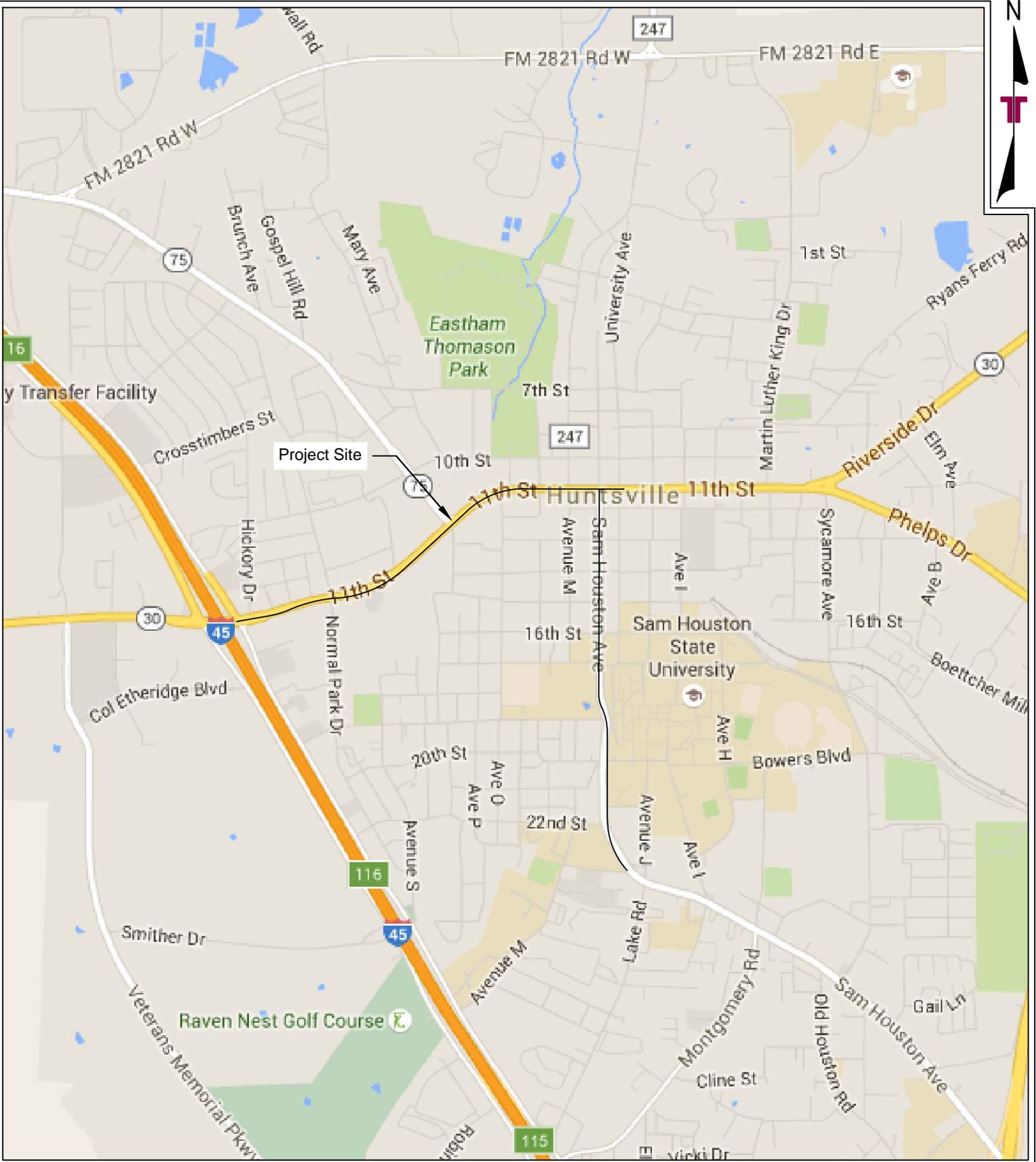


DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project Mng.	JDH	Project No.	A1165058
Drawn By:	JDH	Scale:	AS SHOWN
Checked By:	JDH	File No:	A1165058
Approved By:	AGR	Date:	05-05-2016

Terracon
 Consulting Engineers & Scientists

6198 Imperial Loop College Station, Texas 77845
 PH. (979) 846-3767 FAX. (979) 846-7604

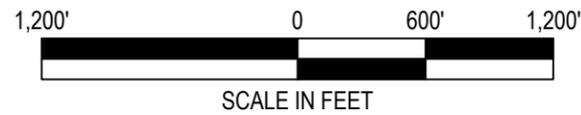
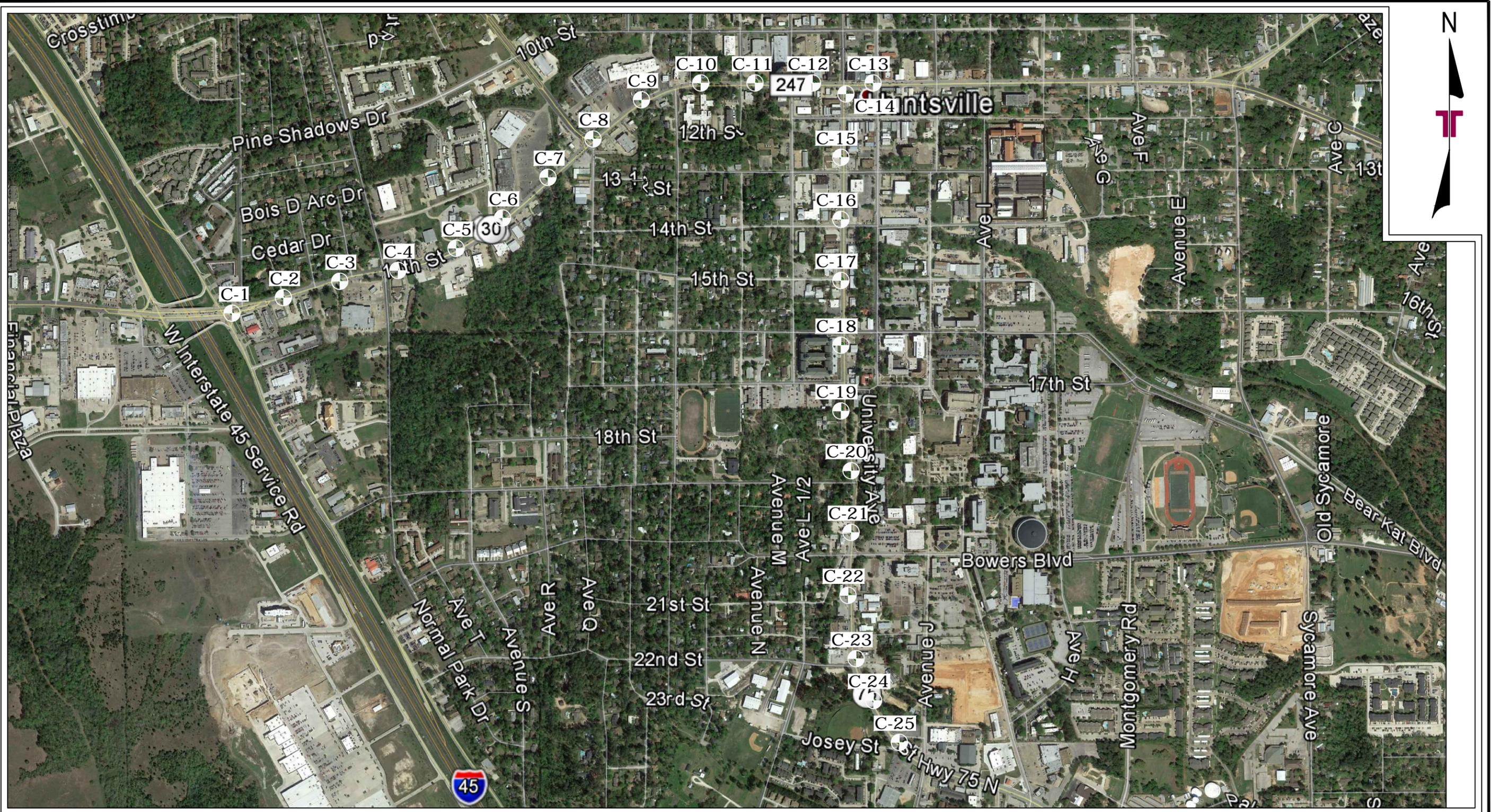
SITE LOCATION PLAN

Sam Houston Ave. & 11th St. Waterline Rehab
 Huntsville, Texas

Exhibit

A-1

N:\Projects\2016\A1165058\Working Files\Diagrams-Drawings-Figures\A1165058.dwg : A-1-SitelocationPlan



LEGEND	
	PAVEMENT CORE LOCATIONS

Project Mng.	JDH	Project No.	A1165058
Drawn By:	JDH	Scale:	AS SHOWN
Checked By:	JDH	File No.:	A1165058
Approved By:	AGR	Date:	05-05-2016

Terracon
 Consulting Engineers & Scientists
 6198 Imperial Loop College Station, Texas 77845
 PH. (979) 846-3767 FAX. (979) 846-7604

CORE LOCATION PLAN	
Sam Houston Ave. & 11th St. Waterline Rehab Huntsville, Texas	

Exhibit	A-2
---------	-----