



INVOICE

REMIT TO: Binkley & Barfield, Inc.
1710 Seamist Drive
Houston, TX 77008

Stacy Slawinski
Assistant County Engineer - Projects
Fort Bend County
301 Jackson Street
Richmond, TX 77469

November 9, 2021
Project No: 2000000118.000.1
Invoice No: 210820

Project Manager: Kevin Mineo
Contract Number: 17111

Authorization Number: WA#1
Client Project Number:
Total Contract Value: 5,452,250.00

**Project Description: FM 521 - SH 6 to Brazoria County Line
Professional Services from October 1, 2021 to October 31, 2021**

Phase 0002 Schematic
Fee

Billing Phase	Fee	Percent Complete	Earned	Previously Invoiced	Amount This Invoice
Schematic Engineering (BBI)	445,000.00	100.00	445,000.00	445,000.00	0.00
TCP (HJ)	45,000.00	90.00	40,500.00	40,500.00	0.00
Railroad/Utility Coordination (HJ)	70,000.00	95.00	66,500.00	66,500.00	0.00
Project Management (BBI)	120,000.00	98.00	117,600.00	117,600.00	0.00
Traffic Study (TEDSI)	183,000.00	78.6833	143,990.37	143,990.37	0.00
Geotechnical (Earth)	277,480.00	60.3604	167,488.00	167,488.00	0.00
Drainage Impact Study (Half)	401,000.00	95.1122	381,400.00	381,400.00	0.00
SUE (CPY)	260,000.00	91.2623	237,282.00	237,282.00	0.00
Total Fee	1,801,480.00		1,599,760.37	1,599,760.37	0.00
Total this Phase:					0.00

Phase 0400 PS&E Engineering
Fee

Billing Phase	Fee	Percent Complete	Earned	Previously Invoiced	Amount This Invoice
Roadway Design (BBI)	595,000.00	42.00	249,900.00	208,250.00	41,650.00
Drainage Design (BBI)	0.00	0.00	0.00	0.00	0.00
TCP	275,000.00	35.00	96,249.99	82,500.00	13,749.99
Miscellaneous Roadway	200,000.00	35.00	70,000.00	60,000.00	10,000.00
Structural Design (BBI)	200,000.00	40.00	80,000.00	70,000.00	10,000.00
Project Management	286,725.00	36.00	103,221.00	86,017.50	17,203.50
Utility Coordination	200,000.00	24.25	48,500.00	43,500.00	5,000.00
Extra Items	40,000.00	0.00	0.00	0.00	0.00
Drainage Design (Half)	269,500.00	55.00	148,225.00	121,275.00	26,950.00
Traffic - Signing & Pavement Marking	125,000.00	45.00	56,250.00	43,750.00	12,500.00

Traffic - Signals, Illumination, & CTMS	286,000.00	42.6712	122,039.49	0.00	122,039.49
SW3P	40,000.00	0.00	0.00	0.00	0.00
Structural Design (CP&Y)	190,000.00	35.8421	68,100.00	0.00	68,100.00
Drainage Design (HJ)	245,000.00	45.00	110,250.00	85,750.00	24,500.00
Total Fee	2,952,225.00		1,152,735.48	801,042.50	351,692.98

Total Fee 351,692.98

Total this Phase: \$351,692.98

Phase	0700	Construction Phase Services
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Fee

Total Fee 218,000.00

Percent Complete	0.00	Total Earned	0.00
		Previous Fee Billing	0.00
		Current Fee Billing	0.00

Total Fee 0.00

Total this Phase: 0.00

Phase	4000	Survey
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Fee

Billing Phase	Fee	Percent Complete	Earned	Previously Invoiced	Amount This Invoice
Segment 1 (Weiser)	59,000.00	93.00	54,870.00	54,870.00	0.00
Segment 2 (CFA)	73,381.00	88.00	64,575.28	64,575.28	0.00
Segment 3 (Landtech)	89,500.00	65.8743	58,957.48	58,957.48	0.00
Total Fee	221,881.00		178,402.76	178,402.76	0.00

Total Fee 0.00

Total this Phase: 0.00

Phase	5000	ROW Parcel Mapping
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Fee

Billing Phase	Fee	Percent Complete	Earned	Previously Invoiced	Amount This Invoice
Segment 1 (Weiser)	76,000.00	58.8816	44,750.00	44,750.00	0.00
Segment 2 (CFA)	93,714.00	46.9724	44,019.72	44,019.72	0.00
Segment 3 (Landtech)	88,950.00	20.6971	18,410.03	18,410.03	0.00
Total Fee	258,664.00		107,179.75	107,179.75	0.00

Total Fee 0.00

Total this Phase: 0.00

TOTAL DUE THIS INVOICE: \$351,692.98

Monthly Progress Report

October 2021

Project: FM 521 – Fort Bend County

Project No.: 2000000118.000

P.O. No.: 17111

I. Work Completed to Date

Task 1: Schematic Engineering; Task: Schematic

None at the time

Task 2: Schematic Engineering; Task: Project Management

Held biweekly status meeting for PS&E (10/13, 10/27)

Held 30% Comment Resolution Meeting with TxDOT (10/11)

Held Survey Coordination Meetings (10/13, 10/20)

Held Coordination Meeting with TxDOT, Fort Bend and Brazoria County (10/28)

Held Meetings with Sub Consultants regarding Drainage and Utility items (10/4, 10/6, 10/7, 10/11)

Task 3: Survey

None at the time

Task 4: ROW Mapping

None at the time

Task 4: PS&E Engineering

Roadway:

Continued working on Comments, Sheets, Driveways, Side path profile and the TCP

Drainage Design:

Revised proposed storm sewer plan and profile sheets.

Revised Detention Pond Layouts and Drainage are Maps

Address 30% comments and continued 60% design.

Design coordination

Drainage Analysis:

Model changes as a result of design changes.

Signing and Pavement Marking:

Updated drawings and summary sheets
Progressing to 60% design submittal.

Traffic

Collected traffic data at Masterson and two (2) adjacent driveways along FM 521.
Conducted traffic projection and redistribution and analyzed the traffic signal warrant for future roadway and traffic conditions for the intersection of FM 521 and Masterson.
Began the design for temporary traffic signal design.
Began the design for permanent traffic signal design.
Began the design for traffic management systems.
Coordinated with TxDOT and the consultant that is tasked to design the segment of FM 521 to the north of our project.

Bridge and Retaining Walls

Working towards 60% design submittal
Verify Bridge Vertical Clearance over BNSF Track
Develop 60% Retaining Wall plans
Provide BNSF Bridge Layout for RR Coordination
Begin PBLR and Bridge Design

II. Work Planned for Next Period

Task 1: Schematic Engineering; Task: Schematic

Implement changes that come from the Virtual Public Meeting
Finalize proposed conditions Drainage model.

Task 2: Schematic Engineering; Task: Project Management

Hold biweekly status meeting for schematic design team
Attend any other project meetings as needed

Task 3: Survey

Update Survey and ROW

Task 4: ROW Mapping

Continue working on preliminary ROW map

Task 5: PS&E Engineering

Continue to work towards 60% submittal
Incorporate 30% comments from Fort Bend County and TxDOT.
Coordinate with TxDOT, as necessary.
Work towards finalizing drainage report.
Complete the Traffic Feasibility Study
Complete a Level A SUE on utilities

III. Additional Services

A. None

BH - BH

Benjamin Hart
Project Manager

Date: _____ November 16, 2021

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