

APPLICATION AND CERTIFICATE FOR PAYMENT

AIA DOCUMENT G702

TO OWNER:
 Fort Bend County
 12550 Emily Court
 Sugar Land, Texas 77478

FROM GENERAL CONTRACTOR:
 SpawGlass Construction Corp.
 13800 West Road
 Houston, TX 77041

PROJECT:
 Fort Bend County
 Bus Maintenance
 Facility

APPLICATION NO.: 5
 PERIOD FROM: 17-Dec-18
 PERIOD TO: 17-Jan-19
 PROJECT #: RFP 18-055
 CONTRACT DATE: 14-Aug-18
 CONTRACT #

Distribution to:
 OWNER
 CONSTRUCTION MANAGER
 ARCHITECT
 GENERAL CONTRACTOR

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

- 1. ORIGINAL CONTRACT SUM \$ 21,084,067.00
- 2. Net change by Change Orders \$ -
- 3. CONTRACT SUM TO DATE \$ 21,084,067.00
- 4. TOTAL COMPLETED & STORED TO DATE ... \$ 8,138,608.18
 (Column G on G703)

- 5. RETAINAGE:
 - a. 5% \$ 399,739.56
 (Colum G - F on G703)
 - b. 15% of Stored Material Witheld \$ 21,572.55
 (Column F on G703)
 Total Retainage
 (Total in Column K of G703) \$ 421,312.11

- 6. TOTAL EARNED LESS RETAINAGE \$ 7,717,296.07
 (Line 4 less Line 5 Total)
- 7. LESS PREVIOUS CERTIFICATES FOR PAYMENT
 (Line 6 from Prior Certificates) \$ 6,395,500.87
- 8. CURRENT PAYMENT DUE \$ 1,321,795.20
- 9. BALANCE TO FINISH, INCLUDING RETAINAGE
 (Line 3 less Line 6) \$ 13,366,770.93

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total Changes approved in previous months by Owner	\$ -	\$ -
Total approved this Month (CO & WCD)	\$ -	\$ -
TOTALS	\$ -	\$ -
NET CHANGES by Change Order	\$ -	\$ -

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

By: Clare Wilmore Date: 1/21/2019
 Clare Wilmore, Project Manager

State of: Texas
 County of: Harris

Subscribed and sworn to before me this 21st day of January, 2019

Notary Public:

(Signature)



My Commission expires:

CERTIFICATE FOR PAYMENT (EOR - LAN and CM - HZ)

In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the GC certifies to the Owner that to the best of the their knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED

(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)

by: Alan S. ... LAN; E/A Date: 01/22/19

by: Claude Marshall Date: 1/22/19

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

Fort Bend County Public Transportation Bus Maintenance Facility												
Fort Bend County RFP No.: 18-055			Date: 01/17/2019		Fort Bend County RFP No: 18-055							
Project Name: Fort Bend County Public Transportation Center				Application For Payment Number: 5								
General Contractor: SpawGlass Construction Corp.				Application Period: From - 12/17/2018				To - 01/17/2019				
A	B		C	D	D'	E	E'	F	G	H	K	
Item Number	Description of Work / Subcontractor / Supplier / Vendor / Specification Section	Comp. Code	Scheduled Value	Work in Place from Previous Application & Percent		Current Application			Total Completed & Stored To Date & Percent		Retainage (5%)	
						This Period & Percent		Total Material Currently Stored				Current Payment Due this Period
Column Equations				Previous G	D / C	G - D	E / C	Not in D or E	D + E + F	G / C	G x 5%	
Construction Services												
1	Bond, Insurance, and Permit		\$ 400,194.00	\$ 400,194.00	100.00%	\$ -	0.00%	\$ -	\$ -	\$ 400,194.00	100.00%	\$ 20,009.70
2	Storm water pollution prevention plan		\$ 20,000.00	\$ 20,000.00	100.00%	\$ -	0.00%	\$ -	\$ -	\$ 20,000.00	100.00%	\$ 1,000.00
3	Storm water quality plan		\$ 5,000.00	\$ 1,334.00	26.68%	\$ 250.00	5.00%	\$ -	\$ 250.00	\$ 1,584.00	31.68%	\$ 79.20
4	Clearing and Grubbing		\$ 45,170.00	\$ 45,170.00	100.00%	\$ -	0.00%	\$ -	\$ -	\$ 45,170.00	100.00%	\$ 2,258.50
5	Administration Building Architectural		\$ 1,157,393.00	\$ 231,478.81	20.00%	\$ 115,739.00	10.00%	\$ -	\$ 115,739.00	\$ 347,217.81	30.00%	\$ 17,360.89
6	Administration Building Mechanical		\$ 852,000.00		0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	0.00%	\$ -
7	Administration Building Plumbing		\$ 595,000.00	\$ 297,500.00	50.00%		0.00%	\$ -	\$ -	\$ 297,500.00	50.00%	\$ 14,875.00
8	Administration Building Electrical		\$ 619,884.50	\$ 123,976.67	20.00%		0.00%	\$ -	\$ -	\$ 123,976.67	20.00%	\$ 6,198.83
9	Administration Mezzanine		\$ 93,475.00		0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	0.00%	\$ -
10	Maintenance Building Architectural		\$ 1,805,262.00	\$ 361,052.54	20.00%	\$ 90,263.00	5.00%	\$ -	\$ 90,263.00	\$ 451,315.54	25.00%	\$ 22,565.78
11	Maintenance Building Mechanical		\$ 903,451.00		0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	0.00%	\$ -
12	Maintenance Building Plumbing		\$ 625,000.00	\$ 250,003.00	40.00%	\$ 62,497.00	10.00%	\$ -	\$ 62,497.00	\$ 312,500.00	50.00%	\$ 15,625.00
13	Maintenance Building Electrical		\$ 675,758.50	\$ 135,150.76	20.00%		0.00%	\$ -	\$ -	\$ 135,150.76	20.00%	\$ 6,757.54
14	Maintenance Building Mezzanine		\$ 325,000.00	\$ 16,250.00	5.00%		0.00%	\$ 34,708.00	\$ 34,708.00	\$ 50,958.00	15.68%	\$ 6,018.70
15	Bus parking canopy		\$ 503,000.00	\$ 251,500.00	50.00%	\$ 156,904.00	31.19%	\$ -	\$ 156,904.00	\$ 408,404.00	81.19%	\$ 20,420.20
16	Shop equipment		\$ 1,781,764.00		0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	0.00%	\$ -
17	Fueling facility		\$ 250,000.00		0.00%	\$ 30,701.00	12.28%	\$ -	\$ 30,701.00	\$ 30,701.00	12.28%	\$ 1,535.05
18	Fueling canopy		\$ 75,000.00		0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	0.00%	\$ -
19	Vehicle wash facility		\$ 250,000.00		0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	0.00%	\$ -
20	Oil water seperator		\$ 25,000.00		0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	0.00%	\$ -
21	Excavation		\$ 687,942.00	\$ 687,942.00	100.00%		0.00%	\$ -	\$ -	\$ 687,942.00	100.00%	\$ 34,397.10
22	Engineered fill		\$ 687,942.00	\$ 687,942.00	100.00%		0.00%	\$ -	\$ -	\$ 687,942.00	100.00%	\$ 34,397.10
23	Paving, Curbs, sidewalk, and striping		\$ 4,193,810.00	\$ 1,006,514.40	24.00%	\$ 857,507.00	20.45%	\$ -	\$ 857,507.00	\$ 1,864,021.40	44.45%	\$ 93,201.07
24	Water system		\$ 302,905.00	\$ 287,759.75	95.00%		0.00%	\$ -	\$ -	\$ 287,759.75	95.00%	\$ 14,387.99
25	Sanitary Sewer system		\$ 605,819.00	\$ 605,819.00	100.00%		0.00%	\$ -	\$ -	\$ 605,819.00	100.00%	\$ 30,290.95
26	Storm Sewer system		\$ 665,800.00	\$ 599,220.00	90.00%	\$ -	0.00%	\$ -	\$ -	\$ 599,220.00	90.00%	\$ 29,961.00
27	Landscaping and irrigation		\$ 241,174.00	\$ 19,470.00	8.07%		0.00%	\$ -	\$ -	\$ 19,470.00	8.07%	\$ 973.50
28	Site electrical		\$ 911,749.00	\$ 683,812.25	75.00%		0.00%	\$ -	\$ -	\$ 683,812.25	75.00%	\$ 34,190.61
29	500 KW generator		\$ 250,000.00		0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	0.00%	\$ -
30	Fencing and gates		\$ 312,739.00		0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	0.00%	\$ -
31	Security (excluding Pelco's Hardware & Software)		\$ 190,226.00		0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	0.00%	\$ -
32	IT/Communications		\$ 70,683.00		0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	0.00%	\$ -
33	Gas line (from Meter to Buildings ONLY)		\$ 10,000.00	\$ 10,000.00	100.00%		0.00%	\$ -	\$ -	\$ 10,000.00	100.00%	\$ 500.00
34	Sound wall		\$ 135,000.00		0.00%	\$ -	0.00%	\$ 109,109.00	\$ 109,109.00	\$ 109,109.00	80.82%	\$ 16,366.35
35	Owner's Contingency		\$ 852,085.00		0.00%		0.00%	\$ -	\$ -	\$ -	0.00%	\$ -
36	CPR #01 - Additional General Building Permit Fee		\$ 5,653.00	\$ 5,653.00	100.00%		0.00%	\$ -	\$ -	\$ 5,653.00	100.00%	\$ 282.65
37	CPR #02 - RFI #31 Brick Blend Modification		\$ 5,123.00	\$ 5,123.00	100.00%		0.00%	\$ -	\$ -	\$ 5,123.00	100.00%	\$ 256.15
38	CPR #04 - Transit Down Guy Relocation		\$ 7,461.00	\$ 7,461.00	100.00%		0.00%	\$ -	\$ -	\$ 7,461.00	100.00%	\$ 373.05
39	CPR #05 - Gas Sleeve Credit		\$ (8,220.00)	\$ (8,220.00)	100.00%		0.00%	\$ -	\$ -	\$ (8,220.00)	100.00%	\$ (411.00)
40	CPR #07 - Trap Guard Credit		\$ (1,590.00)			\$ (1,590.00)	100.00%	\$ -	\$ (1,590.00)	\$ (1,590.00)	100.00%	\$ (79.50)
41	CPR #08 - Seismic Hangars Credit		\$ (40,125.00)			\$ (40,125.00)	100.00%	\$ -	\$ (40,125.00)	\$ (40,125.00)	100.00%	\$ (2,006.25)
42	CPR #10 - Aluminum Jacketing on Plumbing Piping Credit		\$ (6,011.00)			\$ (6,011.00)	100.00%	\$ -	\$ (6,011.00)	\$ (6,011.00)	100.00%	\$ (300.55)
43	CPR #11 - Cold Water Insulation Credit		\$ (3,450.00)			\$ (3,450.00)	100.00%	\$ -	\$ (3,450.00)	\$ (3,450.00)	100.00%	\$ (172.50)
Cost of Work Subtotal			\$ 21,084,067.00	\$ 6,732,106.18	31.93%	\$ 1,262,685.00	5.99%	\$ 143,817.00	\$ 1,406,502.00	\$ 8,138,608.18	38.60%	\$ 421,312.11

VENDOR PAYMENT REPORT

Fort Bend County Public Transportation Department

FBC Bus Maintenance Facility 3737 Bamore Road Rosenberg, TX 77471	Contract Number RFP 18--055 Date of Contract Award 8/13/2018 Original Contract Amount \$21,084,067.00 Contract Modifications \$0.00 Amended Contract Amount \$0.00 Work Authorization No 1 \$0.00 Date of Work Authorization 8/23/2018	Contractor's Name SpawGlass Construction Corp. Contact Person Clare Wilmore Address 13800 West Road City, State, Zip Houston, Texas 77041 Phone 210-305-1646 Billing Period 12/17/18 thru 1/17/2019
Total Invoiced to Date	\$7,717,296.07	Total Payments \$4,092,881.00 Balance \$3,624,415.07

Instructions: All prime contractors are required to complete and submit this report as specified in the contract, or as requested, until final payment of the contract. Failure to comply with Fort Bend County's DBE provisions may result in contract termination, or the suspension or debarment of the contractor from doing business with Fort Bend County Public Transportation in the future per the procedures set forth in Fort Bend County's DBE Program. This report must be submitted with each invoice to record the payments made to subcontractors/DBEs.

Name of DBE/Subcontractor	Description of Work	Subcontract		Total Payments	
		Dollars	% of Contract	to Date	Remaining Balance
Burnside Services Inc.	Earthwork and Site Utilities	\$1,171,809.00	5.56%	\$719,514.94	\$452,294.06
Consolidated Storage Companies	Equipto Equipment	\$72,106.70	0.34%	\$13,848.63	\$58,258.07
Drake Environmental	SWPPP	\$13,911.00	0.07%	\$6,635.03	\$7,275.97
IES Commercial, Inc.	Electrical	\$1,861,350.00	8.83%	\$101,175.00	\$1,760,175.00
Intex United, Inc.	Signage	\$24,010.00	0.11%	\$893.00	\$23,117.00
Joslin Construction Texas, LLC	Cast-in-Place Concrete	\$3,377,777.59	16.02%	\$394,130.69	\$2,983,646.90
JQ Engineering	PEMB Consulting	\$4,500.00	0.02%	\$4,500.00	\$0.00
Kilgore Industries, LP	Plumbing and HVAC/Mechanica	\$1,639,665.00	7.78%	\$176,995.45	\$1,462,669.55
LMI Painting	Painting	\$243,370.00	1.15%	\$4,436.50	\$238,933.50
Price Consulting	Waterproofing Consultant	\$17,800.00	0.08%	\$4,800.00	\$13,000.00
Southern Steel Fabricators	FOB of Structural & Misc. Steel	\$723,292.00	3.43%	\$26,280.80	\$697,011.20
Viking Fence Co	Temporary Fences and Gates	\$6,488.94	0.03%	\$6,488.94	\$0.00
Winco Masonry	Masonry	\$646,569.00	3.07%	\$11,400.00	\$635,169.00
TOTALS		\$9,802,649.23	46.49%	\$1,471,098.98	\$8,331,550.25

VENDOR PAYMENT REPORT
Fort Bend County Public Transportation Department

By completing this from, the Contractor acknowledges Fort Bend County's prompt payment policy which requires the Contractor to pay all subcontractors within 30 days of receiving payment from Fort Bend County.

Name/Title - Clare Wilmore, PM	Signature 	Date	1/21/2019
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SUMMARY OF MATERIALS STORED

In support of Periodical Estimate for Partial Payment No.

Project No. RFP 18-055 Period Ending: 01/17/2019

Contractor: SpawGlass

ITEM NO.	NAME (Contractor or Trade Contractor)	TYPE OF MATERIAL	QUANTITY	AMOUNT (Dollars)
001	Southern Steel	Maintenance Mezzanine	Reference attached drawing and invoices for quantity	\$34,708.00
002	Tricon Precast	Sound Wall	All sound wall components. Reference invoices.	\$109,109.00
Please reference all attached store material back up information.				
TOTALS				\$143,817.00

Prepared by Clare Wilmore for Fort Bend County
(Contractor)

Date 1/29/2019, and certified by him to be a true and accurate statement.

Checked and concurred in:

By: *Claude Marshall*
Resident Engineer Inspector

Date: 1/29/2019



Pour concrete Maintenance Bus lift



Bolt made in the USA



Poured inlet



Pouring concrete in Maintenance building bus lift



Cont- to poured in Maintenance building bus lift



Joslin setting rebar



Joslin grading in Maintenance building



Joslin setting water stop on Bus lift






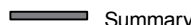








Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	2019			
						Q1	Q2	Q3	Q4
Fort Bend Public Transportation Bus Maintenance Facility		249d	213d	19-Nov-18 A	19-Nov-19	Fort			
Milestones		169d	169d	22-Jan-19	18-Sep-19	Milestones			
A1200	Permanent water required	0d	0d		22-Jan-19	Permanent water required			
A1400	Fire water required	0d	0d		22-Jan-19	Fire water required			
A1330	Site paving poured out	0d	0d		04-Mar-19	Site paving poured out			
A1420	Admin building dry in	0d	0d		18-Apr-19	Admin building dry in			
A1650	Permanent power required	0d	0d		18-Apr-19	Permanent power required			
A1710	Fueling and wash station dry in	0d	0d		22-May-19	Fueling and wash station dry in			
A1580	Maintenance building dry in	0d	0d		03-Jun-19	Maintenance building dry in			
A1460	Admin building substantially complete	0d	0d		13-Sep-19	Admin building			
A1590	Maintenance building substantially complete	0d	0d		18-Sep-19	Maintenance			
A1720	Fueling and wash stations substantially complete	0d	0d		18-Sep-19	Fueling and v			
Pre-Construction		81d	45d	19-Nov-18 A	25-Mar-19	Pre-Construction			
Submittals		56d	20d	03-Dec-18 A	18-Feb-19	Submittals			
A1070	Building envelope submittals and approval	30d	5d	03-Dec-18 A	28-Jan-19	Building envelope submittals and approval			
A1090	Finishes submittals and approval	20d	20d	22-Jan-19	18-Feb-19	Finishes submittals and approval			
Procurement		66d	45d	19-Nov-18 A	25-Mar-19	Procurement			
A1130	MEP	40d	12d	19-Nov-18 A	06-Feb-19	MEP			
A1120	Building envelope	40d	40d	29-Jan-19	25-Mar-19	Building envelope			
Construction		184d	171d	17-Dec-18 A	20-Sep-19	Construction			
Sitework		148d	135d	17-Dec-18 A	31-Jul-19	Sitework			
A1880	Lime stabilize admin parking paving area	10d	5d	17-Dec-18 A	28-Jan-19	Lime stabilize admin parking paving area			
A1320	FRP paving maintenance area	20d	10d	07-Jan-19 A	04-Feb-19	FRP paving maintenance area			
A1310	FRP paving admin parking area	20d	20d	05-Feb-19	04-Mar-19	FRP paving admin parking area			
A1890	Drill sound wall piers	5d	5d	05-Feb-19	11-Feb-19	Drill sound wall piers			
A1550	Install sound wall mow strip	20d	20d	12-Feb-19	11-Mar-19	Install sound wall mow strip			
A1810	Install sound wall	10d	10d	12-Mar-19	25-Mar-19	Install sound wall			
A1820	fine grade drainage ditch on north side of site	5d	5d	26-Mar-19	01-Apr-19	fine grade drainage ditch on north side			
A1830	Install 3'X10' box culvert on NE corner	5d	5d	02-Apr-19	08-Apr-19	Install 3'X10' box culvert on NE corner			
A1840	Install permanent fence around project	20d	20d	09-Apr-19	06-May-19	Install permanent fence around p			
A1850	Install irrigation	30d	30d	07-May-19	18-Jun-19	Install irrigation			
A1860	Install landscaping	30d	30d	19-Jun-19	31-Jul-19	Install landscaping			
Administration Building		182d	171d	17-Dec-18 A	20-Sep-19	Administratic			
Structure		20d	8d	17-Dec-18 A	31-Jan-19	Structure			

Start Date: 23-Aug-18
 Finish Date: 19-Nov-19
 Data Date: 22-Jan-19
 Run Date: 22-Jan-19







 Actual Work
  Milestone
 Remaining Work
  Summary
 Critical Remaining Work
  Level of Effort

Fort Bend Public Transportation Bus Maintenance Facility
 WBS Layout - All Activities



Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	2019			
						Q1	Q2	Q3	Q4
A1390	Receive and erect structural steel	20d	8d	17-Dec-18 A	31-Jan-19	Receive and erect structural steel			
Building Envelope		80d	80d	01-Feb-19	23-May-19	Building Envelope			
A1900	Frame exterior of admin building	15d	15d	01-Feb-19	21-Feb-19	Frame exterior of admin building			
A1910	Sheath admin building	20d	20d	15-Feb-19	14-Mar-19	Sheath admin building			
A1920	Waterproof exterior walls of admin building	20d	20d	01-Mar-19	28-Mar-19	Waterproof exterior walls of admin building			
A1930	Install TPO roof for admin	10d	10d	08-Mar-19	21-Mar-19	Install TPO roof for admin			
A1940	Install metal roofing for admin building	20d	20d	22-Mar-19	18-Apr-19	Install metal roofing for admin building			
A1950	Install masonry for admin building	20d	20d	29-Mar-19	25-Apr-19	Install masonry for admin building			
A1960	Install curtain wall for admin building	20d	20d	12-Apr-19	09-May-19	Install curtain wall for admin building			
A1970	Install metal panels admin building	20d	20d	26-Apr-19	23-May-19	Install metal panels admin building			
MEP		50d	50d	01-Feb-19	11-Apr-19	MEP			
A1980	Mechanical rough in	20d	20d	01-Feb-19	28-Feb-19	Mechanical rough in			
A1990	Plumbing rough in	20d	20d	15-Feb-19	14-Mar-19	Plumbing rough in			
A2000	Electrical rough in	40d	40d	15-Feb-19	11-Apr-19	Electrical rough in			
Finishes		143d	143d	01-Mar-19	20-Sep-19	Finishes			
A2010	Frame interior walls	20d	20d	01-Mar-19	28-Mar-19	Frame interior walls			
A2020	One side sheetrock	20d	20d	15-Mar-19	11-Apr-19	One side sheetrock			
A2030	Inwall inspection	5d	5d	12-Apr-19	18-Apr-19	Inwall inspection			
A2040	Insulate walls	10d	10d	19-Apr-19	02-May-19	Insulate walls			
A2050	Second side sheetrock walls	20d	20d	19-Apr-19	16-May-19	Second side sheetrock walls			
A2060	Tape float and finish walls	20d	20d	03-May-19	31-May-19	Tape float and finish walls			
A2070	First coat paint	10d	10d	03-Jun-19	14-Jun-19	First coat paint			
A2080	Install doors and hardware	10d	10d	17-Jun-19	28-Jun-19	Install doors and hardware			
A2090	Install ceiling in restrooms	5d	5d	01-Jul-19	08-Jul-19	Install ceiling in restrooms			
A2100	Install ceramic tile	20d	20d	09-Jul-19	05-Aug-19	Install ceramic tile			
A2120	Install ceiling grid	10d	10d	09-Jul-19	22-Jul-19	Install ceiling grid			
A2170	Overhead ceiling inspection	5d	5d	23-Jul-19	29-Jul-19	Overhead ceiling inspection			
A2160	Drop ceiling tile	10d	10d	30-Jul-19	12-Aug-19	Drop ceiling tile			
A2110	Install specialties	10d	10d	06-Aug-19	19-Aug-19	Install specialties			
A2130	Install flooring	20d	20d	20-Aug-19	17-Sep-19	Install flooring			
A2140	Second coat paint	10d	10d	20-Aug-19	03-Sep-19	Second coat paint			
A2150	Trim out MEP	10d	10d	09-Sep-19	20-Sep-19	Trim out MEP			
A2180	Final coat paint	5d	5d	09-Sep-19	13-Sep-19	Final coat paint			
Maintenance Building		177d	169d	03-Jan-19 A	18-Sep-19	Maintenance			
Foundations and Underground		12d	7d	03-Jan-19 A	30-Jan-19	Foundations and Underground			

Start Date: 23-Aug-18
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**Fort Bend Public Transportation Bus
 Maintenance Facility**
 WBS Layout - All Activities



Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	2019			
						Q1	Q2	Q3	Q4
A1500	Fine grade, form, reinforce, and pour SOG	12d	7d	03-Jan-19 A	30-Jan-19	■ Fine grade, form, reinforce, and pour SOG			
Structure		20d	20d	04-Feb-19	01-Mar-19	■ Structure			
A1520	Receive and erect metal building	20d	20d	04-Feb-19	01-Mar-19	■ Receive and erect metal building			
Building Envelope		65d	65d	04-Mar-19	03-Jun-19	■ Building Envelope			
A1530	Install metal building envelope	40d	40d	04-Mar-19	26-Apr-19	■ Install metal building envelope			
A2190	Install masonry facade	20d	20d	29-Apr-19	24-May-19	■ Install masonry facade			
A2200	Install curtainwall for maintenance building	5d	5d	28-May-19	03-Jun-19	■ Install curtainwall for maintenance building			
MEP		60d	60d	04-Mar-19	24-May-19	■ MEP			
A2210	Mechanical rough in	20d	20d	04-Mar-19	29-Mar-19	■ Mechanical rough in			
A2220	Plumbing rough in	20d	20d	01-Apr-19	26-Apr-19	■ Plumbing rough in			
A2230	Electrical rough in	40d	40d	01-Apr-19	24-May-19	■ Electrical rough in			
Finishes		80d	80d	28-May-19	18-Sep-19	■ Finishes			
A2240	Frame interior walls	10d	10d	28-May-19	10-Jun-19	■ Frame interior walls			
A2250	One side sheetrock	10d	10d	04-Jun-19	17-Jun-19	■ One side sheetrock			
A2260	Inwall inspection	5d	5d	18-Jun-19	24-Jun-19	■ Inwall inspection			
A2270	Insulate walls	5d	5d	25-Jun-19	01-Jul-19	■ Insulate walls			
A2280	Second side sheetrock walls	10d	10d	25-Jun-19	09-Jul-19	■ Second side sheetrock			
A2290	Tape float and finish walls	20d	20d	25-Jun-19	23-Jul-19	■ Tape float and finish walls			
A2300	First coat paint	10d	10d	10-Jul-19	23-Jul-19	■ First coat paint			
A2310	Install doors and hardware	10d	10d	24-Jul-19	06-Aug-19	■ Install doors and hardware			
A2320	Install ceiling in restrooms	5d	5d	07-Aug-19	13-Aug-19	■ Install ceiling in restrooms			
A2370	Install specialties	5d	5d	14-Aug-19	20-Aug-19	■ Install specialties			
A2340	Install ceiling grid	5d	5d	14-Aug-19	20-Aug-19	■ Install ceiling grid			
A2390	Second coat paint	10d	10d	21-Aug-19	04-Sep-19	■ Second coat paint			
A2350	Overhead ceiling inspection	5d	5d	21-Aug-19	27-Aug-19	■ Overhead ceiling inspection			
A2380	Install flooring	10d	10d	28-Aug-19	11-Sep-19	■ Install flooring			
A2360	Drop ceiling tile	5d	5d	28-Aug-19	04-Sep-19	■ Drop ceiling tile			
A2400	Trim out MEP	10d	10d	05-Sep-19	18-Sep-19	■ Trim out MEP			
A2410	Final coat paint	5d	5d	12-Sep-19	18-Sep-19	■ Final coat paint			
Fueling and Wash Station		182d	169d	17-Dec-18 A	18-Sep-19	■ Fueling and Wash Station			
Foundations and Underground		40d	27d	17-Dec-18 A	27-Feb-19	■ Foundations and Underground			
A1620	Install underground MEP	10d	5d	17-Dec-18 A	28-Jan-19	■ Install underground MEP			
A1610	Excavate, reinforce and pour foundations	10d	10d	29-Jan-19	11-Feb-19	■ Excavate, reinforce and pour foundations			
A1630	Fine grade SOG	2d	2d	12-Feb-19	13-Feb-19	■ Fine grade SOG			
A1640	Form reinforce and pour SOG	10d	10d	14-Feb-19	27-Feb-19	■ Form reinforce and pour SOG			

Start Date: 23-Aug-18
 Finish Date: 19-Nov-19
 Data Date: 22-Jan-19
 Run Date: 22-Jan-19

Actual Work ◆ Milestone
 Remaining Work Summary
 Critical Remaining Work Level of Effort

**Fort Bend Public Transportation Bus
 Maintenance Facility**
 WBS Layout - All Activities



Activity ID	Activity Name	Orig Dur	Rem Dur	Start	Finish	2019			
						Q1	Q2	Q3	Q4
Structure		40d	40d	28-Feb-19	24-Apr-19	Structure			
A2330	Install CMU for Fuel and Wash station	20d	20d	28-Feb-19	27-Mar-19	Install CMU for Fuel and Wash station			
A2420	Install joist and decking for fuel and wash station	10d	10d	28-Mar-19	10-Apr-19	Install joist and decking for fuel and wash station			
A2430	Install Fuel canopy	10d	10d	11-Apr-19	24-Apr-19	Install Fuel canopy			
Building Envelope		30d	30d	11-Apr-19	22-May-19	Building Envelope			
A2440	Install doors and hardware for fuel and wash	10d	10d	11-Apr-19	24-Apr-19	Install doors and hardware for fuel and wash			
A2450	Install roofing for fuel and wash station	20d	20d	25-Apr-19	22-May-19	Install roofing for fuel and wash station			
MEP		30d	30d	23-May-19	05-Jul-19	MEP			
A1680	Mechanical rough in	10d	10d	23-May-19	06-Jun-19	Mechanical rough in			
A2460	Plumbing rough in	10d	10d	07-Jun-19	20-Jun-19	Plumbing rough in			
A2470	Electrical rough in	20d	20d	07-Jun-19	05-Jul-19	Electrical rough in			
Finishes		52d	52d	08-Jul-19	18-Sep-19	Finishes			
A2500	First coat paint	5d	5d	08-Jul-19	12-Jul-19	First coat paint			
A2480	Install fueling station equipment	30d	30d	15-Jul-19	23-Aug-19	Install fueling station equipment			
A2490	Install wash station equipment	30d	30d	15-Jul-19	23-Aug-19	Install wash station equipment			
A2510	Second coat paint	5d	5d	26-Aug-19	30-Aug-19	Second coat paint			
A2520	Trim out MEP	5d	5d	03-Sep-19	09-Sep-19	Trim out MEP			
A2530	Test contractor furnished equipment	5d	5d	09-Sep-19	13-Sep-19	Test contractor furnished equipment			
A2540	City and firemarshal inspections	3d	3d	16-Sep-19	18-Sep-19	City and firemarshal inspections			
Equipment		40d	40d	24-Jul-19	18-Sep-19	Equipment			
A1730	Receive and install contractor furnished and installed equipment	40d	40d	24-Jul-19	18-Sep-19	Receive and install contractor furnished and installed equipment			
Close-Out		44d	44d	19-Sep-19	19-Nov-19	Close-Out			
A1740	Contractor to provide punchlist	10d	10d	19-Sep-19	02-Oct-19	Contractor to provide punchlist			
A1750	OAC walk punchlist	10d	10d	04-Oct-19	17-Oct-19	OAC walk punchlist			
A1760	Substantially complete	0d	0d		17-Oct-19*	Substantially complete			
A1770	Contractor to complete punchlist	20d	20d	18-Oct-19	14-Nov-19	Contractor to complete punchlist			
A1780	Final OAC walkthrough	3d	3d	15-Nov-19	19-Nov-19	Final OAC walkthrough			
A1790	Final completion	0d	0d		19-Nov-19	Final completion			

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- Actual Work
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- Summary
- Level of Effort

**Fort Bend Public Transportation Bus
Maintenance Facility**
WBS Layout - All Activities

