

PO # 134654  
ams

Rec 444493

Comcast Cable  
7033 Airport Blvd  
Houston, TX 77061  
ATTN: Denise Deleon  
(713) 637-5253

\*\*\*\*\* INVOICE \*\*\*\*\*

INVOICE NUMBER:  
INVOICE DATE:

COM-001-Westpark Toll - JT 41778  
9/25/2017

U-0006: Comcast

FORT BEND COUNTY, TEXAS  
COUNTY AUDITOR  
301 JACKSON  
RICHMOND, TX 77469

TERMS: UPON RECEIPT

FINAL INVOICE

DATES - From September 12, 2016 to August 25, 2017  
FM 1093/Westpark Toll Road  
Utility Agreement - U-0006: Comcast

TOTAL BILLING

\$ 1,303,776.02

Reimbursement 50% of total cost  
Total Reimbursement Request

\$ 651,888.01

de puzs  
4/11/18

**COST COMPARISON SHEET**  
**US 59/ IH 69 From West of F.M. 762 To .31 miles West of F.M. 2759**  
**U14414**

Estimated on approved Utility Agreement			Labor		Material		Combined Total of Agreement		Variance
Description	Quantity	Unit	Unit Cost	Subtotal	Unit Cost	Subtotal	Subtotal		
TRENCH EXCAVATION PROTECTION	4047	FT	2.00 \$	8,094.00	\$ -	\$ -	2.00 \$	8,094.00	\$ (8,094.00)
TRENCH (2) 4" 'C' PVC	1265	FT	50.00 \$	63,250.00	\$ 9.00	11,385.00	59.00 \$	74,635.00	\$ (74,635.00)
TRENCH (2) 5" 'C' PVC	2787	FT	55.00 \$	153,285.00	\$ 10.00	27,870.00	65.00 \$	181,155.00	\$ (181,155.00)
BORE 12" STEEL CASING EQUIPPED WITH(2) 4" HDPE	1155	FT	150.00 \$	173,250.00	\$ 100.00	115,500.00	250.00 \$	288,750.00	\$ (288,750.00)
BORE 16" STEEL CASING EQUIPPED WITH(2) 5" HDPE	441	FT	190.00 \$	83,790.00	\$ 100.00	44,100.00	290.00 \$	127,890.00	\$ (127,890.00)
PULL (3) 1.25" INNERDUCT	2420	FT	0.92 \$	13,358.40	\$ 0.90	4,356.00	1.82 \$	17,714.40	\$ (17,714.40)
PULL (4) 1.25" INNERDUCT	3228	FT	0.92 \$	23,758.08	\$ 0.90	5,810.40	1.82 \$	29,568.48	\$ (29,568.48)
PLACE 3' X 5' X 3' HANDHOLE	4	each	700.00	2,800.00	\$ 600.00	2,400.00	\$ 1,300.00	5,200.00	\$ (5,200.00)
PLACE 4' X 4' X 4' HANDHOLE	14	each	800.00	11,200.00	\$ 700.00	9,800.00	\$ 1,500.00	21,000.00	\$ (21,000.00)
PLACE UG 12 CT FIBER OPTIC CABLE	590	FT	1.00 \$	590.00	\$ 0.22	129.80	\$ 1.22	719.80	\$ (719.80)
PLACE UG 24 CT FIBER OPTIC CABLE	1246	FT	1.00 \$	1,246.00	\$ 0.28	348.88	\$ 1.28	1,594.88	\$ (1,594.88)
PLACE UG 48 CT FIBER OPTIC CABLE	9428	FT	1.00 \$	9,428.00	\$ 0.37	3,488.36	\$ 1.37	12,916.36	\$ (12,916.36)
PLACE UG 96 CT FIBER OPTIC CABLE	4048	FT	1.00 \$	4,048.00	\$ 0.65	2,631.20	\$ 1.65	6,679.20	\$ (6,679.20)
PLACE UG 144 CT FIBER OPTIC CABLE	590	FT	1.00 \$	590.00	\$ 0.85	501.50	\$ 1.85	1,091.50	\$ (1,091.50)
PLACE UG 240 CT FIBER OPTIC CABLE	4268	FT	1.00 \$	4,268.00	\$ 1.05	4,481.40	\$ 2.05	8,749.40	\$ (8,749.40)
PLACE AERIAL CABLES (2-48 FOC, 240 FOC)	3023	FT	1.50 \$	4,534.50	\$ 1.79	5,411.17	\$ 3.29	9,945.67	\$ (9,945.67)
PLACE AERIAL CABLES (24 FOC, 2-48 FOC, 240 FOC)	1285	FT	1.50 \$	1,927.50	\$ 2.07	2,659.95	\$ 3.57	4,587.45	\$ (4,587.45)
PLACE AERIAL CABLES (2-48 FOC, 72 FOC, 240 FOC)	611	FT	1.50 \$	916.50	\$ 2.29	1,399.19	\$ 3.79	2,315.69	\$ (2,315.69)
PLACE AERIAL CABLES (48 FOC, 72 FOC 240 FOC)	4120	FT	1.50 \$	6,180.00	\$ 1.92	7,910.40	\$ 3.42	14,090.40	\$ (14,090.40)
PLACE AERIAL CABLES (48 FOC, 2-72 FOC, 240 FOC)	220	FT	1.50 \$	330.00	\$ 2.50	550.00	\$ 4.00	880.00	\$ (880.00)
PLACE AERIAL CABLES (48 FOC, 2-96 FOC, 240 FOC)	643	FT	1.50 \$	964.50	\$ 2.72	1,748.96	\$ 4.22	2,713.46	\$ (2,713.46)
PLACE AERIAL CABLES (2-48 FOC, 96 FOC, 240 FOC)	6510	FT	1.50 \$	9,765.00	\$ 2.44	15,884.40	\$ 3.94	25,649.40	\$ (25,649.40)
PLACE AERIAL CABLES (12 FOC, 2-48 FOC, 96 FOC, 144 FOC, 240 FOC)	608	FT	1.50 \$	912.00	\$ 3.51	2,134.08	\$ 5.01	3,046.08	\$ (3,046.08)
REMOVE OH CABLE	17462	FT	2.00 \$	34,924.00	\$ -	\$ -	2.00 \$	34,924.00	\$ (34,924.00)
REMOVAL/ABANDONMENT UG CABLE	5328	FT	2.00 \$	10,656.00	\$ -	\$ -	2.00 \$	10,656.00	\$ (10,656.00)
SPLICE 12 FOC -1 CABLE (unit is based on splicing each end of cable, (times 2 per cable))	24	each	30.00 \$	720.00	\$ -	\$ -	2.00 \$	720.00	\$ (720.00)
SPLICE 24 FOC -1 CABLE (unit is based on splicing each end of cable, (times 2 per cable))	192	each	30.00 \$	5,760.00	\$ -	\$ -	2.00 \$	5,760.00	\$ (5,760.00)
SPLICE 48 FOC -1 CABLE (unit is based on splicing each end of cable, (times 2 per cable))	960	each	30.00 \$	28,800.00	\$ -	\$ -	2.00 \$	28,800.00	\$ (28,800.00)
SPLICE 72 FOC -1 CABLE (unit is based on splicing each end of cable, (times 2 per cable))	144	each	30.00 \$	4,320.00	\$ -	\$ -	2.00 \$	4,320.00	\$ (4,320.00)
SPLICE 96 FOC -1 CABLE (unit is based on splicing each end of cable, (times 2 per cable))	768	each	30.00 \$	23,040.00	\$ -	\$ -	2.00 \$	23,040.00	\$ (23,040.00)
SPLICE 144 FOC -1 CABLE (unit is based on splicing each end of cable, (times 2 per cable))	288	each	30.00 \$	8,640.00	\$ -	\$ -	2.00 \$	8,640.00	\$ (8,640.00)
SPLICE 240 FOC -1 CABLE (unit is based on splicing each end of cable, (times 2 per cable))	2400	each	30.00 \$	72,000.00	\$ -	\$ -	2.00 \$	72,000.00	\$ (72,000.00)
			\$	767,345.48	\$	270,500.69	\$	1,037,846.17	\$ (1,037,846.17)

Actual Material Issued

Construction Material			
FIBER 12 COUNT ARMORED	1198 FT	0.196 \$	234.81
FIBER 24 COUNT ARMORED	2531 FT	0.25 \$	632.75
FIBER 48 COUNT ARMORED	15000 FT	0.326 \$	4,890.00
FIBER 72 COUNT ARMORED	4951 FT	0.44 \$	2,178.44
FIBER 96 COUNT ARMORED	5000 FT	0.575 \$	2,875.00
FIBER 144 COUNT ARMORED	5000 FT	0.803 \$	4,015.00
FIBER 240 COUNT ARMORED	39144 FT	0.9883 \$	38,686.02
1.25" INNERDUCT	34206 FT	0.61 \$	20,865.66
STRAND	23020 FT	0.12 \$	2,762.40
LASHING WIRE	146 EACH	17.88 \$	2,610.48
BOLT, MACHINE 5/8 X 14"	53 EACH	1.31 \$	69.43
BOLT, MACHINE 5/8 X 16"	94 EACH	1.49 \$	140.06
BOLT, THIMBLE EYE STRAIGHT	46 EACH	3.22 \$	148.12
ATTACHMENT, GUY, DOWN STRAP	25 EACH	1.69 \$	42.25
GRIP, DEAD-END 1/4 PREFORMED	56 EACH	1.09 \$	61.04
CLAMP, D-LASHING WIRE	150 EACH	0.33 \$	49.50
CLAMP, SUSPENSION BOLT	70 EACH	2.59 \$	181.30
FIBER ENCLOSURE	19 EACH	366.55 \$	6,964.45
GUARD, 3-3/16" X 8' GALVANIZED	14 EACH	24.89 \$	348.46
GUARD, 8' YELLOW GUY	30 EACH	3.51 \$	105.30
HEAT SHRINK SLEEVE FOR FIBER	6564 EACH	0.69 \$	4,529.16
NUT, SQUARE 5/8"	130 EACH	0.14 \$	18.20
NUT, THIMBLEYE 5/8"	16 EACH	1.98 \$	31.68
ROD, GROUND 5/8" X 8'	4 EACH	10.31 \$	41.24
SCREW, 6" ANCHOR	30 EACH	15.84 \$	475.20
SCREW, LAG 1/4" X 2-1/2"	56 EACH	0.06 \$	3.36
SPLICE CLOSURE, MID PAK W/2 TRAYS (UP TO 96 COUNT)	5 EACH	287.03 \$	1,435.15
STRAP, U-GUARD 2-HOLE 3-3/16"	28 EACH	0.86 \$	24.08
TAPE, 3/4" X 60' VINYL	69 EACH	3.74 \$	258.06
TRAY FIBER SPLICE FOSC-ACC-D-36	62 EACH	23.58 \$	1,461.96
VAULT WITH LID, PLASTIC, 24X36X24, HDPE, GRADE LEVEL			
BOX, HEX BOLT (FOR FIBER STORAGE ONLY)	5 EACH	181.20 \$	906.00
WASHER, SQUARE 2" X 2"	28 EACH	0.18 \$	5.04
ARM, FIBERGLASS EXT. 1 1/2" X24"	32 EACH	26.07 \$	834.24
CLAMP, BONDING K-1 WEAVER	11 EACH	1.69 \$	18.59
MOULDING, GROUND 1/2" X 8' BLACK	4 EACH	1.90 \$	7.60
SPACER, 1/2" SADDLE BELL	178 EACH	0.04 \$	7.12
STAPLES, 1/16" X 3" POLE MOLDING	8 EACH	0.28 \$	2.24
STRAP, LASHED CABLE ZINC 10"	80 EACH	0.15 \$	12.00
STRAP, LASHED CABLE ZINC 16"	134 EACH	0.20 \$	26.80
STRAP, LASHED CABLE ZINC 22"	41 EACH	0.28 \$	11.48
TAG, AERIAL FIBER WITH LOGO	104 EACH	0.24 \$	24.96
WIRE, BARE COPPER, (315' ROLL) #6	60 FT	0.56 \$	33.60

\$ 98,028.22

TOTAL ESTIMATED MATERIAL  
\$ 270,500.69

TOTAL MATERIAL USED  
\$ 98,028.22 \$ (172,472.47)

Actual charges for work completed by Comcast Contractor				Labor			
C. Construction	Quantity	Unit	Price	Total		Total Invoiced	Variance
Subcontractor Labor							
DIRECTIONAL BORE & PLACE (2)2" SDR 11 @ 14'	5701	per foot	22.50	\$ 128,272.50		\$ 128,272.50	\$ 128,272.50
PLACE NEW STRAND	17492	per foot	0.30	\$ 5,247.60		\$ 5,247.60	\$ 5,247.60
LASH NEW COAX TO NEW OR EMPTY STRAND	17450	per foot	0.52	\$ 9,074.00		\$ 9,074.00	\$ 9,074.00
OVERLASH FIBER TO EXISTING STRAND	33886	per foot	0.60	\$ 20,331.60		\$ 20,331.60	\$ 20,331.60
COMPOSITE REWORK EXISTING STRAND	69377	per foot	0.60	\$ 41,626.20		\$ 41,626.20	\$ 41,626.20
LASH UP OR RELASH SPLICE CASE	95	each	100.00	\$ 9,500.00		\$ 9,500.00	\$ 9,500.00
TRANSFER, REFRAME OR MOVE STRAIGHT THROUGH ATTACHMENTS	13	each	35.00	\$ 455.00		\$ 455.00	\$ 455.00
PLACE HELOX OR EXPANDED PLATE ANCHOR	18	each	40.00	\$ 720.00		\$ 720.00	\$ 720.00
TREE TRIMMING	350	per foot	0.35	\$ 122.50		\$ 122.50	\$ 122.50
SPLICE FIBER OPTIC CABLE	4733	each	25.00	\$ 118,325.00		\$ 118,325.00	\$ 118,325.00
INSTALL NEW MID SHEATH SPLICE CASE	3	each	142.00	\$ 426.00		\$ 426.00	\$ 426.00
RE ENTER EXISTING SPLICE CASE	161	each	137.00	\$ 22,057.00		\$ 22,057.00	\$ 22,057.00
FIBER SPLICER W/TOOLS & TEST EQUIPMENT	40	each	65.00	\$ 2,600.00		\$ 2,600.00	\$ 2,600.00
PRE WIRE COAX OUTLET	6	each	15.50	\$ 93.00		\$ 93.00	\$ 93.00
TRIM, TERMINATE, OR REWORK OUTLET IN LOCK BOX	2	each	4.50	\$ 9.00		\$ 9.00	\$ 9.00
SPLICE AND ACTIVATION	6724	per foot	0.38	\$ 2,555.12		\$ 2,555.12	\$ 2,555.12
SPLICE PASSIVE DEVICE	2	each	36.00	\$ 72.00		\$ 72.00	\$ 72.00
COMPOSITE NEW UNDERGROUND CONSTRUCTION UP TO 4' COAX	1390	per foot	5.00	\$ 6,950.00		\$ 6,950.00	\$ 6,950.00
INSTALL NEW RISER	14	each	25.00	\$ 350.00		\$ 350.00	\$ 350.00
DIG UP AND REPAIR CONDUIT	41	each	165.00	\$ 6,765.00		\$ 6,765.00	\$ 6,765.00
PROOF EXISTING CONDUIT & PLACE PULL ROPE	48228	per foot	0.70	\$ 33,759.60		\$ 33,759.60	\$ 33,759.60
PLACE OR REPLACE UTILITY VAULT 30 X 30 X 30	5	each	150.00	\$ 750.00		\$ 750.00	\$ 750.00
PLACE OR REPLACE UTILITY VAULT 48 X 48 X 48	19	each	300.00	\$ 5,700.00		\$ 5,700.00	\$ 5,700.00
PLACE EACH COAX IN OCCUPIED DUCT	6100	per foot	0.55	\$ 3,355.00		\$ 3,355.00	\$ 3,355.00
PLACE EACH FIBER IN EMPTY DUCT	50058	per foot	0.75	\$ 37,543.50		\$ 37,543.50	\$ 37,543.50
COORDINATE ACCESS TO COMMERCIAL PRIVATE PROPERTY	48	each	70.00	\$ 3,360.00		\$ 3,360.00	\$ 3,360.00
PLACE (2) 2" HDPE CONDUITS	3938	per foot	22.50	\$ 88,605.00		\$ 88,605.00	\$ 88,605.00
PLACE (2) 4" BORE GUARD	4895	per foot	75.00	\$ 367,125.00		\$ 367,125.00	\$ 367,125.00
PLACE (3) 4" BORE GUARD	350	per foot	100.00	\$ 35,000.00		\$ 35,000.00	\$ 35,000.00
ITEMS IN CONNECTION WITH 12' BORE PITS (3) 12' BORE PITS - HYDRO VAC SERVICES - VACUUM TRUCK SERVICES - EXCAVATOR RENTAL TO REACH 12' DEEP & SET TRENCH BOX - TRENCH BOX RENTAL (COST PLUS 10%)							
	1	each	13035.00	\$ 13,035.00		\$ 13,035.00	\$ 13,035.00



MATERIAL	1 each	29219.62	\$	29,219.62	\$	29,219.62	\$	29,219.62
PLACE NEW STRAND	5746 per foot	0.30	\$	1,723.80	\$	1,723.80	\$	1,723.80
LASH NEW COAX OR FIBER ON EMPTY STRAND	5942 per foot	0.55	\$	3,268.10	\$	3,268.10	\$	3,268.10
OVERLASH COAX OR FIBER	12260 per foot	0.75	\$	9,195.00	\$	9,195.00	\$	9,195.00
DELASH COAX OR FIBER	27900 per foot	0.56	\$	15,624.00	\$	15,624.00	\$	15,624.00
RELASH COAX OR FIBER (RESAG)	34610 per foot	0.56	\$	19,381.60	\$	19,381.60	\$	19,381.60
VGR	3 each	76.80	\$	230.40	\$	230.40	\$	230.40
LASH UP OR RELASH SPLICE CASE OR STROAGE LOOP	44 each	82.61	\$	3,634.84	\$	3,634.84	\$	3,634.84
PLOE TRANSFER STRAIGHT	69 each	35.00	\$	2,415.00	\$	2,415.00	\$	2,415.00
ANCHOR AND GUY	12 each	40.00	\$	480.00	\$	480.00	\$	480.00
TRIM, TERMINATE, OR REWORK OUTLET IN LOCK BOX	1 each	3.59	\$	3.59	\$	3.59	\$	3.59
FIBER SPLICING 1-96	1831 each	25.00	\$	45,775.00	\$	45,775.00	\$	45,775.00
INSTALL SPLICE ENCLOSURE	3 each	142.00	\$	426.00	\$	426.00	\$	426.00
RE-ENTER SPLICE CASE	4 each	137.00	\$	548.00	\$	548.00	\$	548.00
PROJECT COORDINATOR	12 each	31.08	\$	372.96	\$	372.96	\$	372.96
GENERAL LABOR	24 each	22.03	\$	528.72	\$	528.72	\$	528.72
COMPOSIT NEW UNDERGROUND COAX	500 per foot	5.20	\$	2,600.00	\$	2,600.00	\$	2,600.00
DIG UP 48"	2 each	165.00	\$	330.00	\$	330.00	\$	330.00
PLACE FIBER IN EMPTY DUCT	1294 per foot	0.75	\$	970.50	\$	970.50	\$	970.50
INSTALL NEW RISER	2 each	25.00	\$	50.00	\$	50.00	\$	50.00
WRECK OUT ALL STRAND AND CABLE	67907 per foot	0.15	\$	10,186.05	\$	10,186.05	\$	10,186.05

\$ 1,110,747.80

TOTAL LABOR ESTIMATE

\$ 767,345.48

TOTAL LABOR INVOICED

\$ 1,110,747.80

VARIANCE

\$ 343,402.32

TOTALS

Explanation of variance - Additional underground was required at FM 723 requiring additional bore work, as well as due to contract changes some items were no longer applicatable or cost changed

**Total Invoiced by Contractor**

AMERICAN COMMUNICATIONS CONSTRUCTION Submitted 09/12/2016 Invoice # ACC25816	\$ 128,272.50
AMERICAN COMMUNICATIONS CONSTRUCTION Submitted 11/11/2016 Invoice # ACC41778	\$ 864,731.74
AMERICAN COMMUNICATIONS CONSTRUCTION Submitted 12/02/2016 Invoice # ACC47428	\$ 10,186.05
American Communications Construction Submitted 08/25/2017 Invoice # ACC50357	\$ 107,557.51
<b>Contractor Total Invoiced</b>	<b>\$ 1,110,747.80</b>

**D. Engineering**

CobbFendley Prepare design plan set, agreements & coordinate with TXDOT for FM 1093	1 each	95000.00	\$ 95,000.00
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**TOTAL INVOICED**  
**\$ 95,000.00**

**TOTAL BILLING**

**TOTAL ESTIMATED**  
**\$ 1,037,846.17**

<b>TOTAL ACTURAL COST</b>	<b>VARIANCE</b>
<b>\$ 1,303,776.02</b>	<b>\$ 265,929.85</b>

**Invoice**

13430 Northwest Freeway, Suite 1100  
Houston, Texas 77040  
713.462.3242

January 13, 2016

Invoice No: 251861

Margaret Blackwell  
Comcast  
7033 Airport Boulevard  
Houston, TX 77061

Project 1503-040-01 Comcast - FM 1093 Westpark, Katy, TX

PO 2112625

**Professional Services from November 9, 2015 to January 10, 2016**

**Fee**

Total Fee 95,000.00

Percent Complete

100.00 Total Earned

95,000.00

Previous Fee Billing

94,050.00

Current Fee Billing

950.00

**Total Fee**

**950.00**

**Total this Invoice**

**\$950.00**



July 21, 2015

Ms. Margie Blackwell  
Comcast  
7703 Airport Blvd.  
Houston, TX 77061

VIA EMAIL ONLY

Re: **FM 1093 Westpark Extension, Katy, Texas**  
Proposal for Professional Engineering Services:  
Agreement and Plans

Dear Ms. Blackwell:

Cobb, Fendley & Associates, Inc. ("CobbFendley") is pleased to submit this proposal for professional engineering services to assist Comcast ("Client") with the design and preparation of the TxDOT agreements for FM 1093 Westpark Extension from FM 1463 to SH 99/Grand Parkway in Katy, Texas. The proposed scope of services, basis of compensation and schedule are outlined below for your review.

CobbFendley's services are to be performed for the sole benefit of Client, who shall be responsible for payment of those services. When accepted by the signature of Client's authorized representative, the authorization and the documents referenced herein shall constitute the entire agreement between Client and CobbFendley with respect to this project.

### **SCOPE OF SERVICES**

The specific tasks to be performed by CobbFendley in conjunction with this project are limited to the following:

1. **Develop Plan and Profile Sheets:** To develop plan and profile sheets for underground Verizon facilities per TxDOT UAR requirements. The above mentioned facilities need to be relocated. We anticipate having 13 plan and profile sheets.
2. **Prepare agreements and coordinate with TxDOT:** CobbFendley to prepare the agreements which include the estimates and all the associated forms. Once the agreements are done, we will submit a preliminary copy to TxDOT for their review and address all the comments made by TxDOT and submit the final agreements for approval. CobbFendley will also submit permit through the TxDOT UIR system.

### **BASIS OF COMPENSATION**

CobbFendley proposes to perform the described Scope of Services for the following fees:

Prepare design plan set, agreements and coordinate with TxDOT for FM 1093..... \$93,218.00  
(Fee Budget - To Be Invoiced as a Lump Sum Amount)

**SCOPE OF SERVICES TO BE PROVIDED FOR A TOTAL FEE OF..... \$93,218.00**





#### ADDITIONAL SERVICES

Any services not included in the scope shall be considered to be Additional Services. Additional Services are provided on a negotiated lump sum basis, if requested, per the attached rate schedule and authorized by the Client with the execution of a Supplement to the Original Agreement (attached).

1. SUE.
2. Easement Acquisition.
3. Staking or any Additional Survey.
4. Construction Phase Services.
5. Relocation plans.

#### EXCLUSIONS FROM THE SCOPE OF SERVICES

Specific items excluded from this proposal are as follows, and CobbFendley shall have no responsibility to perform any of these services.

1. Geotechnical Services
2. Application Fees

#### SCHEDULE OF SERVICES

CobbFendley is authorized to begin work on this project immediately upon receipt of Client's authorization. It is anticipated that the agreements will be ready in 30 days after we receive 100% approved plans from Comcast.

#### PROPOSAL ACCEPTANCE

If this proposal is acceptable to you, please provide an authorization to begin work or indicate your acceptance by signing in the space provided below and return one original to us for our file. This proposal is void if not accepted within thirty days of the date hereon. The opportunity to propose professional engineering services to your firm is appreciated and we look forward to serving you on this project.

Sincerely,

**COBB, FENDLEY & ASSOCIATES, INC.**

A handwritten signature in blue ink, appearing to read "Beth Bowden", written over a horizontal line.

Beth Bowden

This Proposal Accepted By:

**Comcast**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date of Authorization

CC : Vineeta Jayaram

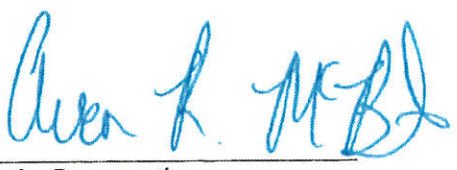
**American Communications Construction****Tomball, Texas 77377****Telephone 281-379-1449****Fax 281-379-2907****Invoice**

Date	Invoice #
9/12/2016	ACC25816

**Bill To**

Comcast Cable Communications, Inc.  
Accounting Manager  
8590 West Tidwell  
Houston, Texas 77040

Job Name		Job Tracker	Contract No.	Release No.
WESTPARK TOLL RD EXTENSION PH I		25816	MDU-2-04-0078-ON	25816
Vendor No.	P.O. No.	Terms	Construction Manager	Construction Division
272153	2130287	Net 45	SCOTT WESTERMAN	REROUTES

Description	Amount
This invoice includes charges for work performed at WESTPARK TOLL RD EXTENSION PH I, JT#25816.	128,272.50
FINAL INVOICE	
	
Contracting Representative	
All work is complete!	<b>Total</b> <b>\$128,272.50</b>

Job Name\_\_Westpark Toll Rd. Extension Relocate\_\_\_\_\_  
Job Number\_\_\_\_\_ JT \_\_CIN 25816\_\_\_\_\_

	<u>Qty</u>		Cost		Ext Cost
DIRECTIONAL BORE & PLACE (2) 2" SDR 11.0 INNERDUCT @ 14 FT. DEEP	5,701	\$	22.50	\$	128,272.50

GRAND TOTAL MAXIMUM PERMITTED RATE

\$ 128,272.50

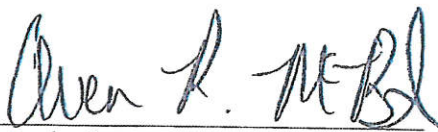
**Tomball, Texas 77377**

**Fax 281-379-2907**

Date	Invoice #
11/11/2016	ACC41778

Bill To  
Comcast Cable Communications, Inc.  
Accounting Manager  
8590 West Tidwell  
Houston, Texas 77040

Job Name		Job Tracker		Contract No.	Release No.
WESTPARK TOLL RD EXTENSION PH I SEG 2		41778		MDU-2-04-0078-ON	41778
Vendor No.	P.O. No.	Terms		Construction Manager	Construction Division
272153	2130287	Net 45		SCOTT WESTERMAN	REROUTES

Description	Amount
This invoice includes charges for work performed for WESTPARK TOLL RD EXTENTION PH 1 SEG 2, JT# 41778.	864,731.74
<p>FINAL INVOICE</p>    <p>Contracting Representative</p>	
All work is complete!	<b>Total</b> <b>\$864,731.74</b>



Job Name Westpark Toll Rd. Extension Ph. 1 segment 2 REROUTE  
 Job Number 41778 PO NUMBER 2130287

	Qty	Cost	Ext Cost
PLACE NEW STRAND	17,492	\$ 0.30	\$ 5,247.60
LASH NEW FIBER TO NEW OR EMPTY STRAND 2 INCLUDED	17,450	\$ 0.52	\$ 9,074.00
OVER LASH FIBER TO EXISTING STRAND 2 INCLUDED	33,886	\$ 0.60	\$ 20,331.60
COMPOSIT RE-WORK EXISTING STRAND	69,377	\$ 0.60	\$ 41,626.20
LASH UP OR RE LASH SPLICE CASE OR FIBER STORAGE	95	\$ 100.00	\$ 9,500.00
TRANSFER, RE FRAME OR MOVE STRAIGHT THROUGH ATTACHMENT	13	\$ 35.00	\$ 455.00
PLACE HELOX OR EXPANDED PLATE ANCHOR	18	\$ 40.00	\$ 720.00
TREE TRIMMING	350	\$ 0.35	\$ 122.50
SPLICE FIBER OPTIC CABLE, 13-48 FIBERS	4,733	\$ 25.00	\$ 118,325.00
INSTALL NEW MID SHEATH SPLICE CASE	3	\$ 142.00	\$ 426.00
RE ENTER EXISTING SPLICE CASE	161	\$ 137.00	\$ 22,057.00
FIBER SPLICER WITH TOOLS AND TEST EQUIPMENT	40	\$ 65.00	\$ 2,600.00
PRE WIRE COAX OUTLET	6	\$ 15.50	\$ 93.00
TRIM, TERMINATE, OR REWORK OUTLET IN LOCK/CENTRAL JUNCTION BOX	2	\$ 4.50	\$ 9.00
SPLICE AND ACTIVATION	6,724	\$ 0.38	\$ 2,555.12
SPLICE PASSIVE DEVICE	2	\$ 36.00	\$ 72.00
COMPOSITE NEW UNDERGROUND CONSTRUCTION UP TO 4" - COAX	1,390	\$ 5.00	\$ 6,950.00
INSTALL A NEW RISER	14	\$ 25.00	\$ 350.00
DIG UP AND REPAIR CONDUIT UP TO 48"	41	\$ 165.00	\$ 6,765.00
PROOF EXISTING CONDUIT AND PLACE PULL ROPE WITH CABLES	48,228	\$ 0.70	\$ 33,759.60
PLACE OR REPLACE UTILITY VAULT 30 X 30 X 30	5	\$ 150.00	\$ 750.00
PLACE OR REPLACE UTILITY VAULT UP TO 48 X 48 X 48	19	\$ 300.00	\$ 5,700.00
PLACE EACH COAX IN OCCUPIED DUCT	6,100	\$ 0.55	\$ 3,355.00
PLACE EACH FIBER CABLE IN EMPTY DUCT	50,058	\$ 0.75	\$ 37,543.50
COORDINATE ACCESS TO COMMERCIAL PRIVATE PROPERTY	48	\$ 70.00	\$ 3,360.00
PLACE (2) 2" HDPE CONDUITS	3,938	\$ 22.50	\$ 88,605.00
PLACE (2) 4" BORE GUARD	4,895	\$ 75.00	\$ 367,125.00
PLACE (3) 4" BORE GUARD	350	\$ 100.00	\$ 35,000.00
ITEMS IN CONNECTION WITH 12' DEEP BORE PITS:			
(3) 12' DEEP BORE PITS - HYDRO VAC SERVICES - VACUUM TRUCK SERVICES -			
EXCAVATOR RENTAL RENTAL TO REACH 12' DEEP & SET TRENCH BOX - TRENCH			
BOX RENTAL (COST PLUS 10%)	1	\$ 13,035.00	\$ 13,035.00
MATERIAL	1	\$ 29,219.62	\$ 29,219.62

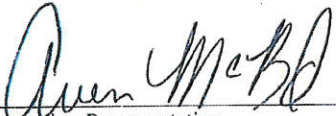
GRAND TOTAL MAXIMUM PERMITTED RATE

\$ 864,731.74

**American Communications Construction****Tomball, Texas 77377****Telephone 281-379-1449****Fax 281-379-2907****Invoice**

Date	Invoice #
12/2/2016	ACC47428

Bill To
Comcast Cable Communications, Inc. Accounting Manager 8590 West Tidwell Houston, Texas 77040

Vendor No.	Job Tracker #	P.O. No.	Terms	Project
272153	47428	FFO EXPENSE	Net 30	FFO EXPENSE
Description				Amount
This invoice includes charges for work performed for Ref# CIN41778 , JT# 47428				10,186.05
FINAL INVOICE				
 Contracting Representative				
All work is complete!			<b>Subtotal</b>	\$10,186.05
			<b>Sales Tax (8.25%)</b>	\$840.35
			<b>Total</b>	\$11,026.40
			E-mail	
			amcbride@americanacc.com	



## DAILY BILL SHEET

## FUNDING 1 OF 1

AMERICAN COMMUNICATIONS CONSTRUCTION

WRECKOUT

DATE: 11/25/2016

JOB TRACKER # 47428

REF# CIN 41778

FOOTAGE

TRIP CHARGE

NODE V29486 / CINCO

ADDRESS W PARK TOLL

PO# FFO EXPENSE

VENOR PART NO.	DESCRIPTION		PRICE	TOTAL AMOUNT
U001	HAND DIG 24"		2.85 \$	-
U002	HAND DIG 36"		3.17 \$	-
U003	TRENCH 24"		2.50 \$	-
U004	TRENCH 36"		2.60 \$	-
U008	4" DIRECTIONAL BORING		12.00 \$	-
U010	R & R CONCRETE		15.00 \$	-
U011	RODDING & ROPING		0.69 \$	-
U012	DIG UP		125.00 \$	-
1.C	PLACE NEW STAND		0.30 \$	-
1.S	PLACE HELIX OR EXPANDED PLATE ANCHOR		40.00 \$	-
7.G	WRECK OUT POLE MOUNTED POWER SUPPLY		125.00 \$	-
2.A	COMPOSITE NEW UNDERGROUND CONSTRUCTION UP TO FOUR INCH CAPACITY FOR COAX		5.00 \$	-
2.B	COMPOSITE NEW UNDERGROUND CONSTRUCTION UP TO FOUR INCH FIBER		5.00 \$	-
2.L	REMOVE AND RESTORE CONCRETE SURFACE		15.00 \$	-
2.Q	PLACE OR REPLACE SMALL PEDESTAL		7.75 \$	-
2.Z	PLACE EACH FIBER CABLE IN EMPTY DUCT		0.75 \$	-
1.C	PLACE NEW STRAND		0.30 \$	-
2.M	DIG UP AND REPAIR DAMAGED CONDUIT TO FORTY EIGHT INCH DEPTH		165.00 \$	-
1.E	LASH NEW FIBER TO NEW OR EMPTY STRAND FIRST TWO CABLES		0.52 \$	-
1.J	COMPOSITE RE WORK EXISTING CABLE BEARING STRAND INCLUDING ADDING OR REMOVE		0.60 \$	-
1.W	TREE TRIMMING		0.35 \$	-
1.M	WRECK OUT ALL STAND AND CABLE	67907	0.15 \$	10,186.05
8.B	SPLICE AND ACTIVATION		0.38 \$	-
1.P	TRANSFER, RE FRAME OR MOVE STRAIGHT THROUGH ATTACHMENT		35.00 \$	-
1.F	OVER LASH COAX CABLE TO EXISTING CABLE BEARING STRAND, FIRST TWO CABLES		0.50 \$	-
1.O	LASH UP OR RELASH UPL SPLICE CASE OR FIBER STORAGE		100.00 \$	-
3.E	WALL FISH POST WIRE OUTLET		45.00 \$	-
3.I	TRIM, TERMINATE, OR REWORK OUTLET IN LOCK BOX		4.50 \$	-
2.E	DIRECTIONAL DRILL OR BORE AND PLACE NEW UNDERGROUND CONDUIT		12.00 \$	-
1.V	PLACE UTILITY POLE		350.00 \$	-
2.FF	INSTALL NEW RISER		25.00 \$	-
4.C	PLACE COAX IN EXISTING CUSTOMER OCCUPIED CONDUIT		0.55 \$	-
4.F	PLACE NEW EMT / CABLE TRAY/ OR OTHER NEW COMPANY PROVIDED PATHWAY		6.10 \$	-
4.G	PLACE FIBER IN NEW OR EMPTY EMT/ CABLE TRAY/ OPEN RISER/ AIR PLENUM /CRAWL		4.40 \$	-
4.J	CORE DRILL CONCRETE TO ACCOMMODATE UP TO A FOUR INCH CONDUIT		95.00 \$	-
2.AA	PLACE EACH FIBER CABLE IN OCCUPIED DUCT		0.75 \$	-
2.O	PROOF EXISTING CONDUIT AND PLACE ROPE, WHEN ALSO PLACING CABLE		0.70 \$	-
F009	LASH STORAGE LOOPS AERIAL		75.00 \$	-
8.C	SPLICE PASSIVE DEVICE		36.00 \$	-
F012	PULL FIBER CABLE IN NEW CONDUIT		0.32 \$	-
F013	PULL FIBER CABLE IN EXISTING CONDUIT		0.75 \$	-
M001U	UNDERGROUND SET-UP FEE		78.00 \$	-
15.B	PERFORM A DETAILED SURVEY AND COST ESTIMATE FOR SMB		110.00 \$	-
4.U	COORDINATOR ACCESS		70.00 \$	-
20.C	AERIAL BUCKET TRUCK WITH CREW		65.00 \$	-
20.B	GROUOND OR GENERAL LABOR		35.00 \$	-
21.B	EMERGENCY CALL OUT DURING AFTER BUISNESS HOURS		320.00 \$	-
21.C	EMERGENCY CALL OUT DURING BUISNESS HOURS		100.00 \$	-
M008	ATTACH CONDUIT TO BRIDGE		23.50 \$	-
M010	INSTALL/REPLACE LOCK BOX(SET-UP FEES DO NOT APPLY)		36.24 \$	-
9.C	SPLICE FIBER OPTIC, 49-96 FIBERS		24.00 \$	-
9.H	RE ENTER EXISTING SPLICE CASE		137.00 \$	-
20.D	AERIAL LINE TRUCK WITH CREW		65.00 \$	-
ion Standar	POLICE OFFICERS ASSISTANCE COORDINATOR		352.00 \$	-
ion Standar	POLICE OFFICERS ASSISTANCE ( 9 OFFICERS @ 160.00 Plus 10% )		1,584.00 \$	-
				\$ 10,186.05

**American Communications Construction**

11602 Hufsmith Kuykendahl

Tomball, Texas 77375

Telephone 281-379-1449

Fax 281-379-2907


**Invoice**

Date	Invoice #
8/25/2017	ACC50357

**Bill To**

Comcast Cable Communications, Inc.  
Accounting Manager  
8590 West Tidwell  
Houston, Texas 77040

Job Name		Job Tracker	Contract No.	Hub Location
WESTPARK EXTENSION PHASE I SEC 3		50357	MDU-2-04-0078-ON	CIN
Vendor No.	P.O. No.	Terms	Construction Manager	Construction Division
272153	2293875	Net 45	SCOTT WESTERMAN	REROUTES

Description	Amount
This invoice includes charges for work performed for WESTPARK EXTENSION PHASE I SEC 3, JT# 50357.	107,557.51
FINAL INVOICE	
 Contracting Representative	
All work is complete!	
<b>Total</b>	<b>\$107,557.51</b>



Job Name Westpark Extension Phase 1 Sec 3  
Job Number CIN 50357

Job Type Relocate  
PO Number 2293875

	Qty	Cost	Ext Cost
BAUA1 Place New Strand	5,746	\$ 0.30	\$ 1,723.80
BAUA2 Lash New Coax OR FIBER on Empty Strand	5,942	\$ 0.55	\$ 3,268.10
BAUA3 Overlash Coax or Fiber	12,260	\$ 0.75	\$ 9,195.00
BAUA4 DELASH COAX OR FIBER	27,900	\$ 0.56	\$ 15,624.00
BAUA5 RELASH COAX OR FIBER (RESAG)	34,610	\$ 0.56	\$ 19,381.60
BAUA7 VGR	3	\$ 76.80	\$ 230.40
BAUA22 LASH UP OR RELASH SPLICE CASE OR STORAGE LOOP	44	\$ 82.61	\$ 3,634.84
BAUA23 Pole Transfer Straight	69	\$ 35.00	\$ 2,415.00
BAUA26 Anchor and Guy	12	\$ 40.00	\$ 480.00
TRIM, TERMINATE OR REWORK OUTLET IN LOCKBOX OR			
BAUM9 JUNCTION BOX	1	\$ 3.59	\$ 3.59
BAUS8 Fiber Splicing 1-96	1,831	\$ 25.00	\$ 45,775.00
BAUS14 INSTALL SPLICE ENCLOSURE	3	\$ 142.00	\$ 426.00
BAUS15 Re-Enter Splice Case	4	\$ 137.00	\$ 548.00
BAUH1 Project Coordinator	12	\$ 31.08	\$ 372.96
BAUH2 General labor	24	\$ 22.03	\$ 528.72
BAUU19 Composit New Undeerground COAX	500	\$ 5.20	\$ 2,600.00
BAUU8 Dig up 48"	2	\$ 165.00	\$ 330.00
BAUU14 Place fiber in Empty Duct	1,294	\$ 0.75	\$ 970.50
BAUU50 Install new Riser	2	\$ 25.00	\$ 50.00

GRAND TOTAL MAXIMUM PERMITTED RATE

\$ 107,557.51

## Harris, Britten

---

**From:** Michael Kaspar <Michael.Kaspar@dannenbaum.com>  
**Sent:** Saturday, February 10, 2018 7:48 AM  
**To:** Stolleis, Richard; Spencer, Marcus  
**Cc:** Harris, Britten  
**Subject:** FM 1093 Westpark Extension - Phase I Comcast Invoice (U-0006)  
**Attachments:** Comcast Invoice\_2017.09.25.pdf; Amend 1 - Markup for Comcast.pdf

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Richard,

Comcast's final invoice for Phase I relocations is higher than the amount approved in the reimbursable agreement (see below). The increase was due to additional underground cables that were planned to be overhead. Transformers were placed on new poles that prevented Comcast from attaching with proper clearances to CenterPoint's facilities and over commercial driveways. This forced cables underground in some locations, increasing the overall construction cost.

I reviewed the invoice and discussed it with Comcast, and I have no objection to the actual invoiced amount. With your concurrence, I will work with Comcast to complete an amendment to their agreement.

Amount in Agreement - \$566,423.09  
Additional Amount to cover actual cost - \$85,464.92  
Adjusted Total Amount - \$651,888.01

Let me know if you have any questions.

Thanks,

Michael Kaspar, P.E.  
Dannenbaum Engineering Corporation  
3100 W. Alabama  
Houston, TX 77098-2094  
Ph: 713-527-6374  
Cell Ph: 979-270-1115  
E-mail: [michael.kaspar@dannenbaum.com](mailto:michael.kaspar@dannenbaum.com)

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