

ORDINANCE 24-

AN ORDINANCE OF THE CITY OF DENTON AUTHORIZING THE CITY MANAGER TO EXECUTE AN INTERLOCAL AGREEMENT BETWEEN THE CITY OF DENTON AND THE UNIVERSITY OF NORTH TEXAS, A HIGHER EDUCATION AGENCY OF THE STATE OF TEXAS (UNT), REGARDING THE INSTALLATION OF AN EMPTY DUCT BANK WITHIN THE BONNIE BRAE PHASE 3 WIDENING AND RECONSTRUCTION PROJECT.

WHEREAS, The City of Denton (“CITY”) and University of North Texas (“UNT”) mutually desire to enter into an interlocal agreement as provided for in Chapter 791.032 of the Texas Government Code; and

WHEREAS, CITY is constructing the Bonnie Brae Phase 3 Widening and Reconstruction project, widening and reconstructing Bonnie Brae Street from FM 1515/IH35-E to Roselawn Drive from a 2-lane rural roadway to a 4-lane divided urban section (hereinafter the “**Project**”); and

WHEREAS, UNT, seeking to be best prepared for future development on their property on the west side of Bonnie Brae (hereinafter “Mean Green Village”), desires to include in the Project at their sole expense, an empty duct bank (hereinafter “Alternate 1 – Alignment 5), providing the appropriate infrastructure and route for both electrical and telecommunications from the existing facilities on the east side of Bonnie Brae Street to the west side of Bonnie Brae Street in anticipation of future growth at Mean Green Village; and

WHEREAS, CITY desires to include Alternate 1-Alignment 5 in the Project to prevent the need for future disturbance to the newly constructed Bonnie Brae Street, road base/sub-grade and drainage facilities by UNT and/or its subcontractors for the purpose of installing the electrical and telecommunications duct bank.; and

WHEREAS, CITY and UNT desire to pool their resources, avoid unnecessary or duplicative expenses, and take advantage of maximizing economies of scale, resulting in cost savings.; and

WHEREAS, the City Council having considered the importance of the project to the citizens of Denton and finding that it is in the public's health and safety interest, is of the opinion that it should approve the Agreement;

NOW, THEREFORE,

THE COUNCIL OF THE CITY OF DENTON HEREBY ORDAINS:

SECTION 1. The findings and recitations contained in the preamble of this ordinance are incorporated herein by reference as true and as if fully set forth in the body of this ordinance.

SECTION 2. The City Manager, or their designee is hereby authorized to execute on behalf of the City the Interlocal Cooperation Agreement for the installation of Alternate 1 – Alignment 5 within the Bonnie Brae Phase 3 Widening and Reconstruction Project

SECTION 3. The City Manager, or their designee, is further authorized to carry out all obligations and duties of the City as set forth in the Agreement, including but not limited to the expenditure of funds.

SECTION 4. The City Manager, or designee, is the City’s designated, authorized official, with the power to authorize, accept, reject, alter or terminate the Agreement(s) on behalf of the City and act on behalf of the City of Denton in all matters related to the Agreement(s) and any subsequent agreements that may result.

SECTION 5. This Ordinance shall become effective immediately upon its passage and approval.

The motion to approve this ordinance was made by _____ and seconded by _____. The ordinance was passed and approved by the following vote [____ - ____]:

	<u>Aye</u>	<u>Nay</u>	<u>Abstain</u>	<u>Absent</u>
Gerard Hudspeth, Mayor:	_____	_____	_____	_____
Vicki Byrd, District 1:	_____	_____	_____	_____
Brian Beck, District 2:	_____	_____	_____	_____
Paul Meltzer, District 3:	_____	_____	_____	_____
Joe Holland, District 4:	_____	_____	_____	_____
Brandon Chase McGee, At Large Place 5:	_____	_____	_____	_____
Chris Watts, At Large Place 6:	_____	_____	_____	_____

PASSED AND APPROVED this the _____ day of _____, 2024.

GERARD HUDSPETH, MAYOR

ATTEST:
JESUS SALAZAR, CITY SECRETARY

By: _____

APPROVED AS TO LEGAL FORM:
MACK REINWAND, CITY ATTORNEY

By: _____

Benjamin 92 Sample, v3.0
Digitally signed by Benjamin Samples
DN: cn=Benjamin Samples, o=Denton, ou=City of Denton, email=benjamin.samples@cityofdenton.com
Date: 2024.03.01 16:16:29 -0500

DENTON COUNTY §
 §
STATE OF TEXAS §

**INTERLOCAL COOPERATION AGREEMENT
BETWEEN THE UNIVERSITY OF NORTH TEXAS
AND THE CITY OF DENTON REGARDING THE INSTALLATION OF AN EMPTY
DUCT BANK WITHIN THE BONNIE BRAE PHASE 3 WIDENING AND
RECONSTRUCTION PROJECT**

THIS AGREEMENT is entered into by and between the **CITY OF DENTON**, a Texas municipal home-rule corporation (hereinafter “**City**”) and the **UNIVERSITY OF NORTH TEXAS**, a **higher education agency of the State of Texas** (hereinafter “**UNT**”), engaged in providing services to the citizens of Denton, Texas, each acting by, through, and under the authority of their respective governing bodies and officials and jointly referred to herein as “**parties**,” and is effective on the date last written hereinbelow (the “**Effective Date**”).

RECITAL

A. The Intergovernmental Cooperation Act, Chapter 791.035, V.T.C.A, Texas Government Code, provides authorization for any local government to contract with an institution of higher education or university, as defined by Section 61.003 Texas Education Code, to perform governmental functions and services in which the contracting parties are mutually interested under the terms of the Act.

B. CITY is constructing the Bonnie Brae Phase 3 Widening and Reconstruction project, widening and reconstructing Bonnie Brae Street from FM 1515/IH35-E to Roselawn Drive from a 2-lane rural roadway to a 4-lane divided urban section (hereinafter the “**Project**”)

C. UNT, seeking to be best prepared for future development on their property on the west side of Bonnie Brae (hereinafter “**Mean Green Village**”), desires to include in the Project at their sole expense, an empty duct bank (hereinafter “**Alternate 1 – Alignment 5**”), providing the appropriate infrastructure and route for both electrical and telecommunications from the existing facilities on the east side of Bonnie Brae Street to the west side of Bonnie Brae Street in anticipation of future growth at Mean Green Village.

D. CITY desires to include Alternate 1-Alignment 5 in the Project to prevent the need for future disturbance to the newly constructed Bonnie Brae Street, road base/sub-grade and drainage facilities by UNT and/or its subcontractors for the purpose of installing the electrical and telecommunications duct bank.

E. CITY and UNT desire to pool their resources, avoid unnecessary or duplicative expenses, and take advantage of maximizing economies of scale, resulting in cost savings.

F. Now, therefore, in consideration of the mutual covenants contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties, intending to be legally bound, do hereby agree as follows:

AGREEMENT

1. Adoption of Preamble

All of the matters stated in the preamble of this Agreement are true and correct and are hereby incorporated into the body of this Agreement as though fully set forth in their entirety herein.

2. Scope of the Agreement

- A. UNT provided to the City the design of Alternate 1 – Alignment 5, prepared by Halff Associates, Inc. that was included in the City’s Bonnie Brae Phase 3 Widening and Reconstruction Project, hereinafter the “Project” and who’s location has been selected by UNT and attached hereto as “Exhibit A.”
- B. UNT provided The Engineers Opinion of Probable Construction Cost (“OPCC”) prepared by UNT’s engineering firm Halff Associates, Inc. of \$180,000.00., attached hereto as “Exhibit B.”
- C. CITY included Alternate 1-Alignment 5 in its Project Plans and as a separate proposal item in the Projects Unit Price Proposal Sheet; Attached hereto as “Exhibit C”. and on August 15, 2023 the CITY awarded the project to Sundt Construction, Inc. A notice to proceed was issued on October 16, 2023.
- D. UNT agrees to provide to the CITY funds totaling \$174,227.28 (“Estimated Total Cost”) which includes the proposal amount of Alternate 1 - Alignment 5 (\$158,727.55) and the proportionate percentage of the general construction and excavation proposal items (\$4,101.68) as well as a 7% contingency (\$11,398.05) to cover the cost of city staffed project management and inspection services within 60 days of the request from the City.
- E. The Estimated Total Cost paid by UNT shall be available to the CITY to pay for the construction, inspection, project management and related costs of Alternate 1 – Alignment 5, and the CITY, in its sole discretion, is entitled to use, at any time, all or a portion of the funds in connection with the construction of Alternate 1 – Alignment 5. The CITY shall be entitled to any and all interest, if any, that may accrue on the funds and such interest shall be considered as funds provided by UNT.

3. Responsibilities of UNT

- A. Provide inspection staff of their own to ensure proper installment to meet the future needs of electrical and telecommunications materials and to verify quantities for pay applications and any other needs as they apply to Alternate 1 – Alignment 5.
- B. Review material submittals provided by Contractor through the City’s ProCore construction management software and respond accordingly within the time frame set forth within the City’s Contract with the Contractor.
- C. Communicate to CITY inspection and project management staff any issues related to Alternate 1 – Alignment 5 in a timely manner.

- D. Review and approve pay applications that include work performed by the contractor on Alternate 1 – Alignment 5 duct bank within 5 business days from receipt of the pay application from the CITY.
- E. Review change order requests submitted by the contractor through the City's ProCore construction management software with Engineer of Record and/or other appropriate staff and respond within 5 days. (some requests maybe time sensitive and require expedited response times to prevent work stoppage).
- F. Provide to the CITY payment in full for any approved change orders exceeding the contract bid amount of Alternate 1-Alignment 5 which may include a 7% contingency to cover city staff time within 60 days of the request from the CITY.
- G. Participate in walk-throughs and provide sign off by UNT and Engineer of Record of duct bank condition and acceptance prior to burial.

4. **Responsibilities of the City**

- A. Submit payment request in the amount of \$174,227.28 to UNT within 15 days of the full execution of this agreement.
- B. Setup a separate account for the UNT funds for proper tracking and payment use for Alternate 1 – Alignment 5.
- C. Provide city staff inspector and project manager to ensure proper installation as it is related to the City's Project.
- D. Consult UNT staff and/or representative(s) for review and approval of the following as they are specific to work performed for Alternate 1 – Alignment 5:
 - i. Contractor material submittals
 - ii. Contractor Pay Applications
 - iii. Contractor Change Requests
 - iv. Walkthroughs prior to burial
 - v. Acceptance of work
 - vi. Any other items that may require review and approval
- E. Coordinate city staff inspections with UNT assigned representative(s).
- F. Ensure all required UNT staff and/or assigned representatives and Halff Associates, Engineer of Record have access to the project management software ProCore and provide any needed training on said software.
- G. Provide monthly statements of UNT advanced funds balance to UNT upon completion of contractor monthly pay applications.
- H. Upon completion and acceptance of duct bank Alternate 1 – Alignment 5, provide any remaining funds to UNT within 60 days.

5. **Acknowledgements**

A. UNT acknowledges and agrees that the City has relied on UNT's Electrical Duct Bank Plans for Alternate 1 – Alignment 5; and acknowledges further that UNT has reviewed and is in agreement with said plans.

B. The City acknowledges and agrees that UNT has relied on the City's Bonnie Brae Phase 3 Widening and Reconstruction plans for placement of Alternate 1 – Alignment 5; and acknowledges further that UNT has reviewed and is in agreement with said plans.

C. It is further acknowledged that upon construction completion and installation of Alternate 1 – Alignment 5, the City shall not be responsible or liable for installation, maintenance and/or defects. UNT agrees that in the event of any such issues or defects, or other conditions affecting Alternate 1 – Alignment 5, UNT shall look solely to the Project's Contractor and/or Sub-Contractor responsible for installation during the Project warranty period until such warranty has expired, at which time UNT assumes full responsibility for Alternate 1 – Alignment 5 installed as part of the Project. Accordingly, the City will require that the warranties of such Contractor and/or Sub-Contractor(s) are assignable to UNT, and the City will assign such warranties to UNT.

6. **LIABILITY**

It is understood and agreed between the parties that each party hereto shall be responsible for its own acts of negligence. Where injury or property damage results from the joint or concurrent negligence of both parties, liability, if any, shall be shared by each party on the basis of comparative responsibility in accordance with the applicable laws of the State of Texas, subject to all defenses available to them, including governmental immunity. Neither party shall be responsible to the other for any negligent act or omission. These provisions are solely for the benefit of the parties hereto and not for the benefit of any person or entity not a party hereto; nor shall any provision hereof be deemed a waiver of any defense available by law.

7. **Miscellaneous**

The obligations of the parties to this Agreement shall be performable in Denton County, Texas, and if legal action is necessary in connection with or to enforce rights under this Agreement, exclusive venue shall lie in Denton County, Texas.

The term of this AGREEMENT will commence upon execution of both parties and conclude upon construction completion and acceptance by both parties as stated herein, Item 3: Responsibilities of UNT and Item 4: Responsibilities of the City.

8. This **AGREEMENT** embodies the entire agreement between the parties and cannot be varied except by the written agreement of the parties.

Any notice given by one party to the other in connection with this Agreement shall be in writing and shall be by personal delivery, sent by registered mail or certified mail, return receipt requested, postage prepaid to:

CITY: City of Denton
Attn: Trevor Crain, Director
Capital Improvement Projects
401 N. Elm Street
Denton, Texas 76201

Copy To:
City of Denton
Attn: Sara Hensley
City Manager's Office
215 East McKinney Street
Denton, Texas 76205

UNT: University of North Texas
Attn: Jeff Brown
1155 Union Circle #311040
Denton, TX 76203-5017

Copy To:
University of North Texas System
Attn: Teresa Rogers
1901 Main Street
Dallas, TX 75201

9. Modification

No waiver or modification of this Agreement or of any covenant, condition, limitation herein contained shall be valid unless in writing and duly executed by the party to be charged therewith. No evidence of any waiver or modification shall be offered or received in evidence in any proceeding arising between the parties hereto out of or affecting this Agreement, or the rights or obligations of the parties hereunder, unless such waiver or modification is in writing, duly executed. The parties further agree that the provisions of this section will not be waived unless as herein set forth.

10. Severability

The parties hereto specifically agree that in case any one or more of the sections, subsections, provisions, clauses or words of this Agreement or the application of such sections, subsections, provisions, clauses or words to any situation or circumstance should be, or should be held to be, for any reason, invalid or unconstitutional, under the laws or constitutions of the State or the United States of America or in contravention of any such laws or constitutions, such invalidity, unconstitutionality or contravention shall not affect any other sections, subsections, provisions, clauses or words of this Agreement or the application of such sections, subsections, provisions, clauses or words to any other situation or circumstance, and it is intended that this Agreement shall be severable and shall be construed and applied as if any such invalid or unconstitutional section, subsection, provision, clause or word has not been included herein, and the rights and obligations of the parties hereto shall be construed and remain in force accordingly.

11. Governing Law and Venue

This Agreement shall be construed under and governed by, and in accordance with the laws of the State of Texas, and all obligations of the parties hereto, created by this Agreement are performable in Denton County, Texas. Venue of any suit or cause of action under this Agreement shall lie exclusively in Denton County, Texas.

12. Entire Agreement

This Agreement and the exhibits attached thereto constitute the entire agreement among the parties hereto with respect to the subject matter hereof and supersede any prior understandings or written or oral agreements between the parties with respect to the subject matter of this Agreement. No amendment, modification, cancellation or alteration of the terms of this Agreement shall be binding on any party hereto unless the same is in writing, dated subsequent to the date hereof, and is duly executed by the parties hereto.

13. Waiver of Terms and Conditions

The failure of either party to enforce or insist upon compliance with any of the terms or conditions of this Agreement shall not constitute a general waiver or relinquishment of any such terms or conditions, but the same shall be and remain at all times in full force and effect.

14. Binding Authority

This Agreement is entered into by the duly authorized officials of each respective governmental entity.

15. Captions

The captions contained in this Agreement are for informational purposes only and shall not in any way affect the substantive terms or conditions of this Agreement.

[Remainder of this page intentionally left blank. Signatures to appear on following page.]

EXECUTED TO BE EFFECTIVE AS OF THE 22 DAY OF February, 2024.

UNIVERSITY OF NORTH TEXAS,
a higher education institution of the State of Texas



Clayton Gibson, Vice President for
Finance & Administration, CFO

EXECUTED on this, the ____ day of _____, 2024.

CITY OF DENTON

By: _____
CITY MANAGER, SARA HENSLEY

ATTEST:
JESUS SALAZAR, CITY SECRETARY

By: _____

APPROVED AS TO LEGAL FORM:
MACK REINWAND, CITY ATTORNEY

By: _____

THIS AGREEMENT HAS BEEN
BOTH REVIEWED AND APPROVED
as to financial and operational obligations
and business terms.



SIGNATURE

Trevor Crain

PRINTED NAME

Director

TITLE

Capital Projects

DEPARTMENT

02.26.2024

DATE

EXHIBIT A

Alternate 1 Alignment 5 Duct Bank Location

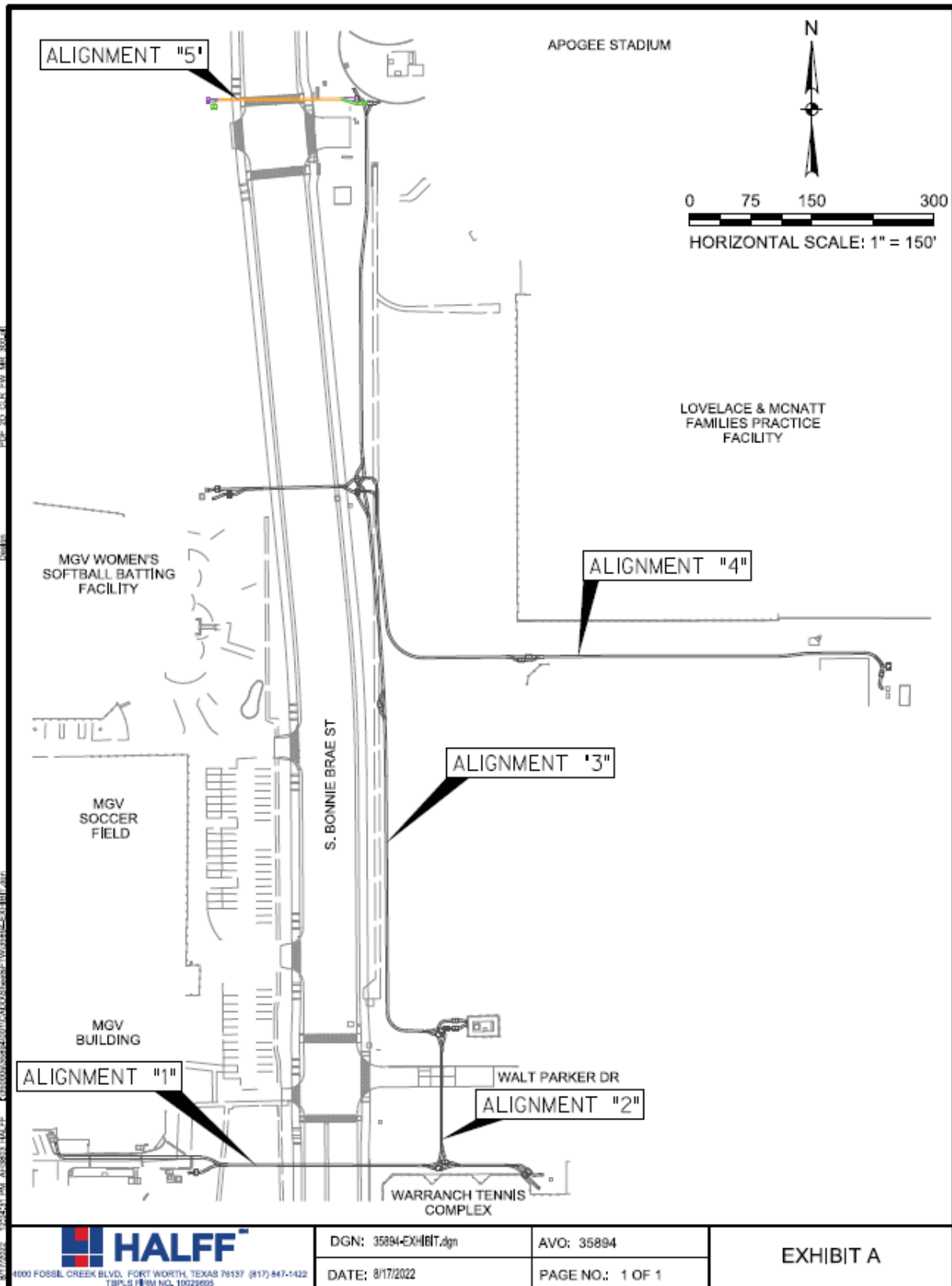


EXHIBIT B

Opinion of Probable Cost - OPCC

HALFF ASSOCIATES, Inc.
4000 Fossil Creek Boulevard
Fort Worth, Texas 76137
(817) 847-1422

CLIENT: City of Denton
PROJECT: Bonnie Brae Street
Underground Electrical and Communication Relocations
100% Final Design - Alternate 1 Alignment 5

FILE NAME: 100% Cost Estimate
DATE: 8/22/2022

PREPARED BY: DMS
AVO: 35894


ENGINEERS OPINION OF PROBABLE CONSTRUCTION COST

Item	Spec	Description	Unit	Quantity	Unit Cost	Total
Section I - General						
1	32 01 17	Asphalt Pavement Repair	SY	68.0	\$100.00	\$6,800.00
2	32 93 00	4" Topsoil	CY	33.0	\$25.00	\$825.00
3	32 93 00	Block sod	SY	289.0	\$10.00	\$2,890.00
4	33 05 05	Trench Safety Protection	LF	369.0	\$2.00	\$738.00
Section II - Electrical						
5	26 05 43	Electrical Manhole	EA	1.0	\$32,000.00	\$32,000.00
6	26 05 43	Electrical Ductbank - Primary 2 Cell	LF	191.0	\$146.00	\$27,886.00
Section III - Data						
7	26 05 43	Data Pullbox	EA	1.0	\$32,000.00	\$32,000.00
8	26 05 43	Data Ductbank - Telecom 4 Cell	LF	178.0	\$263.00	\$46,814.00
SUBTOTAL						\$149,953.00
CONTINGENCY (15%)						\$22,492.95
PROJECT TOTAL						\$172,445.95
SAY						\$180,000.00

This statement was prepared utilizing standard cost estimation practices, and is not based on actual costs or bids for this project. It is understood and agreed that this is an estimate only, and that Halff shall not be liable to the Owner or to a third party for any failure to accurately estimate the cost of the project, or any part thereof.

EXHIBIT C

City of Denton Bonnie Brae Phase 3 - Unit Price Proposal Form including Alternate 1- Duct Bank 5 Total Cost Breakdown

SECTION 00 42 44 - UNIT PRICE PROPOSAL FORM - CSP						
 CITY OF DENTON PROJ.: Bonnie Brae Phase 3 Widening & Reconstruction CSP: 8094-1		City of Denton Capital Projects 901-B Texas Street Denton, TX 76209 Attn: Cori Power/Purchasing Dept.		From: Sundt Construction, Inc. 8445 Freeport Pkwy Suite 240 Irving, TX 75063 Yunwei Tong 480.293.3263 jjwilliams@sundt.com		
		OFFEROR'S APPLICATION - UNIT PRICE PROPOSAL				
		Item No.	SPEC	Description of work	BID QTY	UOM
SECTION I - PAVING						
1	01 70 00	MOBILIZATION	1	LS	\$ 3,750,000.00	\$ 3,750,000.00
2	01 58 13	CAPITAL IMPROVEMENT SIGNS	5	EA	\$ 500.00	\$ 2,500.00
3	01 57 13	EROSION CONTROL SWPPP	1	LS	\$ 225,000.00	\$ 225,000.00
4	32 93 00	TOPSOIL IMPORTED	14,510	SY	\$ 4.00	\$ 58,040.00
5	32 93 00	TOPSOIL NATIVE	28,566	SY	\$ 3.25	\$ 92,839.50
6	32 93 00	BLOCK SODDING	17,718	SY	\$ 6.50	\$ 115,167.00
7	TxDOT 164	HYDROMULCH WITH SEEDS	31,315	SY	\$ 2.00	\$ 62,630.00
8	31 10 00	PREPARING ROW	1	LS	\$ 1,312,000.00	\$ 1,312,000.00
9	31 23 16	EXCAVATION	42,773	CY	\$ 20.00	\$ 855,460.00
10	02 41 15	REMOVE EXISTING CONCRETE PAVING	5,759	SY	\$ 20.00	\$ 115,180.00
11	02 41 15	REMOVE EXISTING ASPHALT PAVING	19,834	SY	\$ 6.00	\$ 119,004.00
12	31 24 00	EMBANKMENT	57,093	CY	\$ 15.00	\$ 856,395.00
13	TxDOT 134.6001	BACKFILL	99	STA	\$ 600.00	\$ 59,400.00
14	32 11 29	12" LIME SLURRY (54LBS/SY)	1,975.9	TON	\$ 325.00	\$ 642,167.50
15	32 11 29	12" LIME TREATED SUBGRADE	73,180	SY	\$ 5.00	\$ 365,900.00
16	32 11 23	ROADBED BASE	195	SY	\$ 40.00	\$ 7,800.00
17	32 13 13	CONCRETE PAVEMENT 6-INCH	890	SY	\$ 95.00	\$ 84,550.00
18	32 13 13	CONCRETE PAVEMENT 8-INCH	3,224	SY	\$ 105.00	\$ 338,520.00
19	32 13 13	CONCRETE PAVEMENT 10-INCH	2,825	SY	\$ 115.00	\$ 324,875.00
20	32 13 13	CONCRETE PAVEMENT 11-INCH	59,272	SY	\$ 130.00	\$ 7,705,360.00
21	32 12 16	ASPHALT PAVEMENT, TY C, SAC-A, PG64-22, 2"	3,548	SY	\$ 30.00	\$ 106,440.00
22	32 12 16	ASPHALT PAVEMENT, TY B, PG64-22, 4"	145	SY	\$ 40.00	\$ 5,800.00
23	32 12 16	ASPHALT PAVEMENT, TY B, PG64-22, 7"	1,704	SY	\$ 70.00	\$ 119,280.00
24	32 12 16	ASPHALT PAVEMENT, TY B, PG64-22, 10"	1,699	SY	\$ 85.00	\$ 144,415.00
25	32 16 00	CONCRETE CURB & GUTTER 30-INCH	1,492	LF	\$ 45.00	\$ 67,140.00
26	32 16 00	CONCRETE RIBBON CURB	662	LF	\$ 50.00	\$ 33,100.00
27	32 16 00	MONOLITHIC CURB	29,790	LF	\$ 7.50	\$ 223,425.00
28	32 16 00	5-FOOT SIDEWALK 4-INCH	3,119	SY	\$ 105.00	\$ 327,495.00
29	32 16 00	10-FOOT SHARED USE PATH 5-INCH	12,946	SY	\$ 85.00	\$ 1,100,410.00
30	32 16 00	CURB RAMPS TYPE I	4	EA	\$ 4,250.00	\$ 17,000.00
31	32 16 00	CURB RAMPS TYPE II	22	EA	\$ 2,775.00	\$ 61,050.00
32	32 16 00	CURB RAMPS TYPE III	6	EA	\$ 4,950.00	\$ 29,700.00
33	32 13 13	CONCRETE STREET HEADER	349	LF	\$ 60.00	\$ 20,940.00
34	34 71 13	TRAFFIC CONTROL	30	MO	\$ 25,000.00	\$ 750,000.00
35	32 12 16	TEMPORARY ASPHALT PAVEMENT, TY B, PG64-22, 6"	4,910	SY	\$ 58.50	\$ 287,235.00
36	34 71 13	PORTABLE MESSAGE SIGNS (2 Count)	90	WK	\$ 280.00	\$ 25,200.00
37		OMITTED				
38		OMITTED				
39	32 32 00	RETAINING WALL (SPREAD FOOTING) W/TRAFFIC RAIL TY SSTR	546	SF	\$ 160.00	\$ 87,360.00
40		OMITTED				
41	32 13 16	4-INCH STAMPED & STAINED CONCRETE	2,755	SY	\$ 170.00	\$ 468,350.00
42	32 32 00	SIDEWALK RETAINING WALL	337	LF	\$ 160.00	\$ 53,920.00
43	TxDOT S55112	REMOVABLE BOLLARD	2	EA	\$ 2,750.00	\$ 5,500.00
*44	TS-1	HAUL OFF UNSUITABLE MATERIAL	100	LOAD	\$ 105.00	\$ 10,500.00
*45	TS-2	HAUL OFF LANDFILL QUALITY MATERIAL	100	LOAD	\$ 520.00	\$ 52,000.00
**46	32 31 00	SMOOTH OR BARBED WIRE FENCE	1,427	LF	\$ 22.00	\$ 31,394.00
47	01 35 13	KCS RAILROAD COORDINATION & FLAGGING	1	LS	\$ 165,000.00	\$ 165,000.00
*UNSUITABLE MATERIALS ARE CLASSIFIED AS NON-TRASH MATERIALS - CANNOT BE COMPACTED TO PROPER DENSITIES.						
END SECTION I - PAVING ITEMS					SUBTOTAL	\$21,285,442.00

Item No.	SPEC	Description of work	BID QTY	UOM	Unit Price	Extended Price
SECTION II - DRAINAGE IMPROVEMENTS						
48	31 23 16	Channel Excavation	1,947	CY	\$ 15.00	\$ 29,205.00
49	32 01 29	Concrete Pavement Repair	327	SY	\$ 300.00	\$ 98,100.00
50	33 42 11	18" RCP (CL III)	3,025	LF	\$ 120.00	\$ 363,000.00
51		OMITTED				
52	33 42 11	24" RCP (CL III)	1,401	LF	\$ 111.00	\$ 155,511.00
53	33 42 11	24" RCP (CL V)	130	LF	\$ 150.00	\$ 19,500.00
54		OMITTED				
55	33 42 11	30" RCP (CL III)	784	LF	\$ 160.00	\$ 125,440.00
56	33 42 11	30" RCP (CL V)	148	LF	\$ 190.00	\$ 28,120.00
57	33 42 11	36" RCP (CL III)	526	LF	\$ 260.00	\$ 136,760.00
58	33 42 11	42" RCP (CL III)	93	LF	\$ 280.00	\$ 26,040.00
59	33 42 11	48" RCP (CL III)	1,145	LF	\$ 325.00	\$ 372,125.00
60		OMITTED				
61	33 42 11	60" RCP (CL III)	851	LF	\$ 500.00	\$ 425,500.00
62	33 01 30	Post CCTV Inspecton	9,775	LF	\$ 4.00	\$ 39,100.00
63	33 42 11	6' X 4' RCB	874	LF	\$ 650.00	\$ 568,100.00
64	33 42 11	8' X 5' RCB	690	LF	\$ 700.00	\$ 483,000.00
65	33 42 11	9' X 7' RCB	106	LF	\$ 1,200.00	\$ 127,200.00
66	33 42 11	6" HDPE Pipe	120	LF	\$ 120.00	\$ 14,400.00
67	33 42 33	10' Standard Curb Inlet	1	EA	\$ 8,500.00	\$ 8,500.00
68	33 42 33	10' Recessed Curb Inlet	39	EA	\$ 8,750.00	\$ 341,250.00
69	33 42 33	20' Channel Inlet	1	EA	\$ 25,000.00	\$ 25,000.00
70	33 42 33	3' x 3' "Y" Inlet	1	EA	\$ 7,000.00	\$ 7,000.00
71	33 42 33	4' x 4' "Y" Inlet	2	EA	\$ 8,500.00	\$ 17,000.00
72	33 42 33	Drop Inlet Type 1	1	EA	\$ 7,000.00	\$ 7,000.00
73	TxDOT 465	Type M Manhole	21	EA	\$ 13,000.00	\$ 273,000.00
74	33 42 30	Manhole Type 1-C	2	EA	\$ 9,000.00	\$ 18,000.00
75	33 42 30	Junction Box Type 1	2	EA	\$ 18,000.00	\$ 36,000.00
76	33 42 23	"PW" Wingwalls	4	EA	\$ 44,750.00	\$ 179,000.00
77		OMITTED				
78	33 05 05	Trench Safety	9,268	LF	\$ 3.00	\$ 27,804.00
79	33 05 05	Cement Stabilized Sand CSS)	77	CY	\$ 200.00	\$ 15,400.00
80	33 42 23	Connect RCP to Headwall	3	EA	\$ 2,500.00	\$ 7,500.00
81	31 37 00	5" Class "A" Concrete Rip-Rap	2,026	SY	\$ 86.00	\$ 174,236.00
82	31 37 00	12" Grouted Rock Rip-Rap	92	SY	\$ 275.00	\$ 25,300.00
83	31 37 00	18" Grouted Rock Rip-Rap	416	SY	\$ 300.00	\$ 124,800.00
84	33 42 23	18" Safety End Treatment Type II (4:1) (C)	1	EA	\$ 2,500.00	\$ 2,500.00
85	33 42 23	24" Safety End Treatment Type II (4:1) (C)	2	EA	\$ 3,000.00	\$ 6,000.00
86	33 42 23	30" Safety End Treatment Type II (4:1) (C)	1	EA	\$ 3,200.00	\$ 3,200.00
87		OMITTED				
88		OMITTED				
89	02 41 14	Remove Existing Inlet	1	EA	\$ 1,800.00	\$ 1,800.00
90	02 41 14	Remove Existing Headwall	5	EA	\$ 2,500.00	\$ 12,500.00
91	02 41 14	Remove Existing Storm Pipe	1,598	LF	\$ 45.00	\$ 71,910.00
92	02625	Flexamat	13,735	SF	\$ 8.75	\$ 120,181.25
93	02 41 14	Plug	1	LS	\$ 2,000.00	\$ 2,000.00
94	32 16 00	4" Concrete Flume	552	SY	\$ 150.00	\$ 82,800.00
95		OMITTED				
96	02 41 13	Remove Existing Traffic Rail from Headwall	66	LF	\$ 12.00	\$ 792.00
97	33 42 23	Reconstruct 3 foot Headwall on Exist. Box Culvert	66	LF	\$ 225.00	\$ 14,850.00
98	TxDOT 450	Type PR1 Handrail	342	LF	\$ 120.00	\$ 41,040.00
99	33 42 11	Box Culvert Transition	1	LS	\$ 55,000.00	\$ 55,000.00
END SECTION II - DRAINAGE ITEMS					SUBTOTAL	\$4,712,464.25
SECTION III - WATER IMPROVEMENTS						
100		OMITTED				
101	33 14 11	8" C-900 PVC DR-14, C-900 WATER LINE	47	LF	\$ 150.00	\$ 7,050.00
102	33 14 11	12" C-900 PVC DR-14,C-900 WATER LINE	4,664	LF	\$ 195.00	\$ 909,480.00
103		OMITTED				
104	33 14 40	STANDARD FIRE HYDRANT ASSEMBLY	13	EA	\$ 18,000.00	\$ 234,000.00
105	33 14 30	2" AIR RELEASE VALVE	4	EA	\$ 18,000.00	\$ 72,000.00
106	33 14 25	CONNECTION TO EXISTING WATER LINE WITH MAIN	8	EA	\$ 5,000.00	\$ 40,000.00
107		OMITTED				
108	33 14 20	8" GATE VALVE	1	EA	\$ 4,200.00	\$ 4,200.00
109	33 14 20	12" GATE VALVE	6	EA	\$ 6,600.00	\$ 39,600.00
110	33 14 17	WATER SERVICE	11	EA	\$ 5,400.00	\$ 59,400.00

Item No.	SPEC	Description of work	BID QTY	UOM	Unit Price	Extended Price
111		OMITTED				
112	33 14 20	8" X 8" TAPPING SLEEVE & VALVE (City Furn. & Instl)	1	EA	\$ 6,000.00	\$ 6,000.00
113	33 14 20	16" X 12" TAPPING SLEEVE & VALVE (City Furn. & Instl)	1	EA	\$ 9,600.00	\$ 9,600.00
114	33 14 17	RELOCATE WATER METER	20	EA	\$ 600.00	\$ 12,000.00
115	02 41 14	CUT AND PLUG EXISTING WATER LINE	1	LS	\$ 25,000.00	\$ 25,000.00
116	02 41 14	REMOVE & SALVAGE EXISTING GATE VALVE	4	EA	\$ 600.00	\$ 2,400.00
117	02 41 14	REMOVE & SALVAGE EXISTING FIRE HYDRANT	3	EA	\$ 1,200.00	\$ 3,600.00
118	33 05 07	18" STEEL CASING BY OPEN CUT 1/2" THICK	50	LF	\$ 575.00	\$ 28,750.00
119	33 05 05	TRENCH SAFETY	4,711	LF	\$ 6.00	\$ 28,266.00
120	32 01 17	TEMPORARY ASPHALT PAVEMENT REPAIR	503	SY	\$ 240.00	\$ 120,720.00
121	COG 504.5.2	ROCK CUSHION *	100	CY	\$ 50.00	\$ 5,000.00
122	33 14 17	RELOCATE WATER SERVICE AT KCS R.R.	1	EA	\$ 3,600.00	\$ 3,600.00
123	32 84 00	RELOCATE SPRINKLER SERVICE AT KCS R.R.	1	EA	\$ 4,200.00	\$ 4,200.00
*ROCK CUSHION IS FOR STABILITY UNDER CULVERT IF MATERIAL IS TOO SANDY FOR BEARING. NEEDS TO BE APPROVED BY CITY PRIOR TO PLACEMENT.						
END SECTION III - WATER ITEMS					SUBTOTAL	\$1,614,866.00
SECTION IV - WASTEWATER IMPROVEMENTS						
124	33 05 05	TRENCH SAFETY (DEPTH 0-10 FT)	3,131	LF	\$ 6.00	\$ 18,786.00
125	33 05 05	TRENCH SAFETY (DEPTH 10-20 FT)	3,976	LF	\$ 12.00	\$ 47,712.00
126	02 41 14	ABANDON EXIST. MANHOLE	3	EA	\$ 1,200.00	\$ 3,600.00
127	02 41 14	REMOVE EXIST. MANHOLE	13	EA	\$ 2,400.00	\$ 31,200.00
128	32 01 17	TEMPORARY ASPHALT PAVEMENT REPAIR	428	SY	\$ 240.00	\$ 102,720.00
129	33 31 14	8" SDR 26 SEWER LINE	835	LF	\$ 195.00	\$ 162,825.00
130	33 31 14	10" SDR 26 SEWER LINE	13	LF	\$ 225.00	\$ 2,925.00
131	33 31 14	12" SDR 26 SEWER LINE	98	LF	\$ 255.00	\$ 24,990.00
132	33 31 14	21" SDR 26 SEWER LINE	1,653	LF	\$ 345.00	\$ 570,285.00
133	33 31 14	24" SDR 26 SEWER LINE	4,200	LF	\$ 405.00	\$ 1,701,000.00
134	33 01 30	Post CCTV Inspecton	6,800	LF	\$ 2.50	\$ 17,000.00
135	33 31 16	4" SEWER SERVICE	9	EA	\$ 8,400.00	\$ 75,600.00
136	33 05 62	4' DIA. STANDARD MANHOLE (PRE-CAST)	3	EA	\$ 19,500.00	\$ 58,500.00
137	33 05 62	4' DIA. DROP MANHOLE (PRE-CAST)	3	EA	\$ 21,500.00	\$ 64,500.00
138	33 05 62	5' DIA. STANDARD MANHOLE (PRE-CAST)	19	EA	\$ 26,000.00	\$ 494,000.00
139	33 05 62	5' DIA. MANHOLE OVER EXIST. SEWER LINE (PRE-CAST)	2	EA	\$ 26,000.00	\$ 52,000.00
140	33 05 62	5' DIA. DROP MANHOLE (PRE-CAST)	2	EA	\$ 30,000.00	\$ 60,000.00
141		OMITTED				
142	33 05 07	36" STEEL CASING BY BORE (5/8" THICK)	110	LF	\$ 3,200.00	\$ 352,000.00
143	33 05 07	20" STEEL CASING BY OPEN CUT (1/2" THICK)	40	LF	\$ 630.00	\$ 25,200.00
144	33 05 62	4' EXTRA DEPTH MANHOLE	49	VF	\$ 420.00	\$ 20,580.00
145	33 05 62	5' EXTRA DEPTH MANHOLE	194	VF	\$ 660.00	\$ 128,040.00
146	02 41 14	PLUG	1	LS	\$ 36,000.00	\$ 36,000.00
END SECTION IV - WASTEWATER ITEMS					SUBTOTAL	\$4,049,463.00
SECTION V - SIGNALS (CITY)						
147	34 41 24	DRILL SHAFT 30 IN (TY A)	36	LF	\$ 462.00	\$ 16,632.00
148	34 41 24	DRILL SHAFT 36 IN (TY A OR TY B)	136	LF	\$ 600.00	\$ 81,600.00
149	34 41 24	DRILL SHAFT 48 IN (TY A)	88	LF	\$ 955.00	\$ 84,040.00
150	26 05 33	CONDUIT 2" PVC	689	LF	\$ 25.50	\$ 17,569.50
151	26 05 33	CONDUIT 3" PVC	2451	LF	\$ 28.50	\$ 69,853.50
152	26 05 33	CONDUIT 4" PVC	1126	LF	\$ 31.50	\$ 35,469.00
153	26 05 19	ELEC CONDR #4 POWER	1050	LF	\$ 3.60	\$ 3,780.00
154	26 05 19	ELEC CONDR #6 POWER	86	LF	\$ 2.55	\$ 219.30
155	26 05 35	GROUND BOXES TY CBX	18	EA	\$ 2,200.00	\$ 39,600.00
156	26 05 00	ELEC SERVICE	3	EA	\$ 9,000.00	\$ 27,000.00
157	34 41 50	ALUM SIGNS 18" X 18" LANE USE	14	EA	\$ 372.00	\$ 5,208.00
158	34 41 21	INST HWY TRAF SIG	3	EA	\$ 22,000.00	\$ 66,000.00
159	34 41 10	SIGNAL HEADS BK PLT - 3 SEC	26	EA	\$ 168.00	\$ 4,368.00
160	34 41 10	SIGNAL HEADS BK PLT - 4 SEC	8	EA	\$ 183.00	\$ 1,464.00
161	34 41 10	SIGNAL HEADS BK PLT - 5 SEC	1	EA	\$ 202.00	\$ 202.00
162	26 05 19	TRAF SIG CABLES 3C#12 ILLUM & ILSN	2818	LF	\$ 3.50	\$ 9,863.00
163	26 05 19	TRAF SIG CABLES 21C #14 AWG	7253	LF	\$ 7.50	\$ 54,397.50
164	26 05 19	TRAF SIG CABLES 7C #14 AWG	2338	LF	\$ 3.15	\$ 7,364.70
165	26 05 19	TRAF SIG CABLES 5C #14 AWG	2494	LF	\$ 2.50	\$ 6,235.00
166	26 05 19	TRAF SIG CABLES 3C #16 CCTV	246	LF	\$ 3.50	\$ 861.00
167	34 41 21	STEEL POLE STR ASSEMBLY 34' TY D	8	EA	\$ 14,000.00	\$ 112,000.00
168	34 41 21	STEEL POLE ASSEMBLY W/ 25' ARM, LUM & ILSN	3	EA	\$ 31,000.00	\$ 93,000.00
169	34 41 21	STEEL POLE ASSEMBLY W/ 40' ARM, LUM & ILSN	1	EA	\$ 34,000.00	\$ 34,000.00
170	34 41 21	STEEL POLE ASSEMBLY W/ 50' ARM, LUM & ILSN	2	EA	\$ 37,000.00	\$ 74,000.00

Item No.	SPEC	Description of work	BID QTY	UOM	Unit Price	Extended Price
171	34 41 21	STEEL POLE ASSEMBLY W/ 55' ARM, LUM & ILSN	1	EA	\$ 38,000.00	\$ 38,000.00
172	34 41 21	STEEL POLE ASSEMBLY W/ 60' ARM, LUM & ILSN	1	EA	\$ 40,000.00	\$ 40,000.00
173	34 41 10	12" LED TRAF SIG LAMPS YEL ARROW (FLASHING)	4	EA	\$ 366.00	\$ 1,464.00
174	34 41 11	PED PB POLE ASSEMBLY	15	EA	\$ 2,600.00	\$ 39,000.00
175	34 41 10	ACC PED SIG UNITS (APS PUSH BUT)	16	EA	\$ 920.00	\$ 14,720.00
176	34 41 26	ALUM SIGNS ILLUM STREET NAME (ILSN)	8	EA	\$ 4,300.00	\$ 34,400.00
177	34 41 27	CONTROLLER, CABINET, BASE, & FDN	3	EA	\$ 27,500.00	\$ 82,500.00
178		OMITTED				
179	34 41 10	12" LED TRAF SIG LAMPS GRN BALL	27	EA	\$ 370.00	\$ 9,990.00
180	34 41 10	12" LED TRAF SIG LAMPS YEL BALL	27	EA	\$ 370.00	\$ 9,990.00
181	34 41 10	12" LED TRAF SIG LAMPS RED BALL	37	EA	\$ 370.00	\$ 13,690.00
182	34 41 10	12" LED TRAF SIG LAMPS GRN ARROW	9	EA	\$ 370.00	\$ 3,330.00
183	34 41 10	12" LED TRAF SIG LAMPS YEL ARROW (STEDY)	9	EA	\$ 370.00	\$ 3,330.00
184	34 41 10	LED PED SIGNAL SIG SEC (COUNTDOWN)	16	EA	\$ 700.00	\$ 11,200.00
185	34 41 15	BI-DIR PREMPT (OPTICOM) UNIT	4	EA	\$ 4,200.00	\$ 16,800.00
186	34 41 15	EMER VEH DET (OPTICOM) CABLE	697	LF	\$ 3.10	\$ 2,160.70
187	34 41 29	COHYU 4260 SERIES IP CAMERA	2	EA	\$ 9,500.00	\$ 19,000.00
188	34 41 12	CCTV CABLE CAT 5E	190	LF	\$ 3.10	\$ 589.00
189	34 41 29	GRIDSMART CAMERA	2	EA	\$ 33,400.00	\$ 66,800.00
190	34 41 12	GRIDSMART CABLE CAT 5E	190	LF	\$ 3.10	\$ 589.00
191		OMITTED				
192	26 05 33	CONDUIT 2" RIGID METAL	40	LF	\$ 42.00	\$ 1,680.00
193	34 41 12	APS CABLE	1,907	LF	\$ 2.00	\$ 3,814.00
194	34 41 10	LANE USE SIGNAL 16" X 16" 2 IND	5	EA	\$ 6,500.00	\$ 32,500.00
195	34 41 10	LANE USE SIGNAL 16" X 16" 3 IND	17	EA	\$ 7,900.00	\$ 134,300.00
196	34 41 10	LANE USE SIGNAL 30" X 30" 1 IND	5	EA	\$ 6,700.00	\$ 33,500.00
197	34 41 10	LANE USE SIGNAL 30" X 30" 2 IND	4	EA	\$ 4,300.00	\$ 17,200.00
END SECTION V - SIGNALS (CITY) ITEMS					SUBTOTAL	\$1,475,273.20
SECTION VI - SIGNALS (TXDOT)						
198	416.6031	DRILL SHAFT (TRF SIG POLE) (30 IN)	11	LF	\$ 465.00	\$ 5,115.00
199	416.6032	DRILL SHAFT (TRF SIG POLE) (48 IN)	66	LF	\$ 955.00	\$ 63,030.00
200	618.6023	CONDUIT 2" PVC SCHD 40	174	LF	\$ 25.50	\$ 4,437.00
201	618.6029	CONDUIT 3" PVC SCHD 40	607	LF	\$ 28.50	\$ 17,299.50
202	618.6033	CONDUIT 4" PVC SCHD 40	601	LF	\$ 31.50	\$ 18,931.50
203		OMITTED				
204		OMITTED				
205		OMITTED				
206	620.6008	ELEC CONDR (#8) INSULATED	1,494	LF	\$ 2.15	\$ 3,212.10
207	620.6009	ELEC CONDR (#6) BARE	899	LF	\$ 2.55	\$ 2,292.45
208	620.6010	ELEC CONDR (#6) INSULATED	30	LF	\$ 2.55	\$ 76.50
209	621.6012	TRAY CABLE (3 CONDR)(14 AWG)	664	LF	\$ 3.35	\$ 2,224.40
210	624.6008	GROUND BOXES TY C (162911) W/ APRON	5	EA	\$ 2,200.00	\$ 11,000.00
211	628.6115	ELEC SERVICE TY D 120/240 060 (NS)AL(E)PS(U)	1	EA	\$ 9,000.00	\$ 9,000.00
212	680.6005	INST HWY TRAF SIG (DPT SUP CNT & CAB)(ISO)	1	EA	\$ 23,000.00	\$ 23,000.00
213	681.6001	TEMP TRAF SIGNALS	1	EA	\$ 120,000.00	\$ 120,000.00
214	682.6001	VEH SIG SEC (12") LED (GRN)	9	EA	\$ 370.00	\$ 3,330.00
215	682.6002	VEH SIG SEC (12") LED (GRN ARW)	2	EA	\$ 370.00	\$ 740.00
216	682.6003	VEH SIG SEC (12") LED (YEL)	9	EA	\$ 370.00	\$ 3,330.00
217	682.6004	VEH SIG SEC (12 ") LED (YEL ARW)	4	EA	\$ 370.00	\$ 1,480.00
218	682.6005	VEH SIG SEC (12") LED (RED)	9	EA	\$ 370.00	\$ 3,330.00
219	682.6006	VEH SIG SEC (12") LED (RED ARW)	4	EA	\$ 370.00	\$ 1,480.00
220	682.6018	PED SIG SEC (LED) (COUNTDOWN)	6	EA	\$ 700.00	\$ 4,200.00
221	682.6029	BACK PLATE (12 IN)(3 SEC) ALUM	9	EA	\$ 168.00	\$ 1,512.00
222	682.6031	BACK PLATE (12 IN)(5 SEC) ALUM	2	EA	\$ 202.00	\$ 404.00
223	684.6033	TRAF SIG CABLES (TY A) (14 AWG) (7 CONDR)	664	LF	\$ 3.15	\$ 2,091.60
224		OMITTED				
225	684.6046	TRAF SIG CABLES (TY A) (14 AWG) (20 CONDR)	681	LF	\$ 7.40	\$ 5,039.40
226	684.6079	TRAF SIG CABLES (TY C) (12 AWG) (2 CONDR)	952	LF	\$ 2.00	\$ 1,904.00
227	686.6006	INS TRF SIG PL AM(S) STR (TY A)	1	EA	\$ 13,500.00	\$ 13,500.00
228	686.6060	INS TRF SIG PL AM (S) 1 ARM (55') LUM & ILSN	1	EA	\$ 38,000.00	\$ 38,000.00
229	686.6064	INS TRF SIG PL AM (S) 1 ARM (60') LUM & ILSN	1	EA	\$ 40,000.00	\$ 40,000.00
230	686.6068	INS TRF SIG PL AM (S) 1 ARM (65') LUM & ILSN	1	EA	\$ 42,000.00	\$ 42,000.00
231	687.6002	PED PB POLE ASMBLY	6	EA	\$ 2,600.00	\$ 15,600.00
232	6186.6002	ITS GND BOX (PCAST) TY 1 (243636) W/APRON	1	EA	\$ 4,600.00	\$ 4,600.00
233	6058.6002	BBU SYSTEM (EXTERNAL BATT CABINET)	1	EA	\$ 9,300.00	\$ 9,300.00
234	6292.6003	RVDS (PRESENCE & ADVANCE DET)	6	EA	\$ 10,000.00	\$ 60,000.00
END SECTION VI - SIGNALS (TXDOT) ITEMS					SUBTOTAL	\$531,459.45

Item No.	SPEC	Description of work	BID QTY	UOM	Unit Price	Extended Price
SECTION VII - STRIPING						
235	32 17 23	TYPE IB DOUBLE LINE	3,126	LF	\$ 2.60	\$ 8,127.60
236	32 17 23	TYPE IB EDGELINE	493	LF	\$ 1.25	\$ 616.25
237	32 17 23	TYPE IIIA BARRIER LINE	2,627	LF	\$ 3.20	\$ 8,406.40
238	32 17 23	TYPE IA BROKEN LINE *	2,980	LF	\$ 1.35	\$ 4,023.00
239	32 17 23	TYPE VA STOP BAR	488	LF	\$ 12.00	\$ 5,856.00
240	32 17 23	TYPE IA BROKEN LINE C/R RPM	287	EA	\$ 5.00	\$ 1,435.00
241	32 17 23	TYPE IIIA BARRIER LINE C/R RPM	197	EA	\$ 5.00	\$ 985.00
242	32 17 23	TYPE IB DOUBLE LINE A/A RPM	164	EA	\$ 5.00	\$ 820.00
243	32 17 23	YIELD LINE	40	EA	\$ 50.00	\$ 2,000.00
244	32 17 23	TYPE IB DOUBLE BROKEN LINE *	1,760	LF	\$ 2.50	\$ 4,400.00
245	32 17 23	TYPE IA EDGELINE	663	LF	\$ 1.25	\$ 828.75
246	32 17 23	TYPE IB DOTTED LINE	10,303	LF	\$ 1.35	\$ 13,909.05
247	32 17 23	TYPE VB DIAGONAL MARKING	65	LF	\$ 12.00	\$ 780.00
248	32 17 23	WORD, WHITE, PER LETTER	16	EA	\$ 160.00	\$ 2,560.00
249	32 17 23	SYMBOL, WHITE, ARROW	2	EA	\$ 160.00	\$ 320.00
250	32 17 23	SYMBOL, WHITE, RR CROSSING	4	EA	\$ 800.00	\$ 3,200.00
251	666-2001	REFL PAV MRK TY I (W) 4" (BRK	804	LF	\$ 1.35	\$ 1,085.40
252	666-2005	REFL PAV MRK TY I (W) 4" (DOT)	959	LF	\$ 3.20	\$ 3,068.80
253	666-2010	REFL PAV MRK TY I (W) 4" (SLD)	1,154	LF	\$ 1.25	\$ 1,442.50
254	666-2034	REFL PAV MRK TY I (W) 8" (SLD)	877	LF	\$ 2.70	\$ 2,367.90
255	666-2046	REFL PAV MRK TY I (W) 24" (SLD)	105	LF	\$ 12.00	\$ 1,260.00
256	666-2052	REFL PAV MRK TY I (W) (ARROW)	5	EA	\$ 175.00	\$ 875.00
257	666-2067	REFL PAV MRK TY I (W) (DBL ARROW)	1	EA	\$ 200.00	\$ 200.00
258	666-2094	REFL PAV MRK TY I (W) (WORD)	5	EA	\$ 175.00	\$ 875.00
259	666-2109	REFL PAV MRK TY I (Y) (SLD)	1,336	LF	\$ 1.25	\$ 1,670.00
260	666-XXXX	REFL PAV MRK TY I (Y) (DBL SLD)	84	LF	\$ 2.50	\$ 210.00
261	672-6007	REFL PAV MRKR TY I-C	66	EA	\$ 5.00	\$ 330.00
262	672-6009	REFL PAV MRKR TY II-A-A	4	EA	\$ 5.00	\$ 20.00
263	672-6010	REFL PAV MRKR TY II-C-R	20	EA	\$ 5.00	\$ 100.00
264		OMITTED				
265	34 41 50	SMALL SIGN ASSEMBLY	96	EA	\$ 675.00	\$ 64,800.00
266	34 41 50	LARGE SIGN ASSEMBLY	4	EA	\$ 1,800.00	\$ 7,200.00
267	34 41 50	RELOCATE SMALL SIGN ASSEMBLY	6	EA	\$ 750.00	\$ 4,500.00
268		OMITTED				
*SUMMARY QUANTITY FOR LINES ARE ACTUAL LENGTHS AS LAID ON THE GROUND						
END SECTION VII - STRIPING ITEMS						SUBTOTAL \$148,271.65
SECTION VIII - STREET LIGHTS						
269	26 05 35	PULL BOX	29	EA.	\$ 1,100.00	\$ 31,900.00
270	26 56 00	35' WHITE CONCRETE STREET LIGHT POLE	54	EA	\$ 3,000.00	\$ 162,000.00
271	26 05 33	2" P.V.C. CONDUIT	10,554	LF	\$ 25.00	\$ 263,850.00
272	26 56 00	160W LED FIXTURE	54	EA	\$ 900.00	\$ 48,600.00
273	26 05 13	#2 DX WIRE	989	LF	\$ 5.25	\$ 5,192.25
274	26 05 13	#4 DX WIRE	1,091	LF	\$ 5.75	\$ 6,273.25
275	26 05 13	#6 DX WIRE	8,909	LF	\$ 4.50	\$ 40,090.50
276	26 05 00	ELECTRIC SERVICE	3	EA	\$ 10,000.00	\$ 30,000.00
277	26 05 35	12"X12" ELECTRIC BOX	54	EA	\$ 1,100.00	\$ 59,400.00
END SECTION VIII - STREET LIGHTS ITEMS						SUBTOTAL \$647,306.00
SECTION IX - CONDUIT						
278	26 05 35	GROUND BOX	64	EA	\$ 3,000.00	\$ 192,000.00
279	26 05 33	4" PVC 90° SWOOPING BEND, RISER & PLUG	208	EA	\$ 360.00	\$ 74,880.00
280	26 05 33	4" PVC 90° SWOOPING BEND	76	EA	\$ 340.00	\$ 25,840.00
281	26 05 33	4" PVC	7,659	LF	\$ 34.00	\$ 260,406.00
END SECTION IX - CONDUIT ITEMS						SUBTOTAL \$553,126.00
SECTION X - UNT DUCT BANK IMPROVEMENTS (SHEETS DB1 - DB29)						
282	02 41 15	SIDEWALK REMOVAL	189	SF	\$ 7.00	\$ 1,323.00
283	32 01 17	ASPHALT PAVEMENT REPAIR (TEMPORARY)	150	SY	\$ 203.00	\$ 30,450.00
284	32 01 29	CONCRETE PAVEMENT REPAIR (PERMANENT)	267	SY	\$ 375.00	\$ 100,125.00
285	33 01 29	CONCRETE PAVEMENT REPAIR (TEMPORARY)	51	SY	\$ 356.00	\$ 18,156.00
286	32 16 00	CONCRETE SIDEWALK	189	SF	\$ 22.25	\$ 4,205.25
287	32 01 29	CONCRETE SPEED BUMP REPAIR	3	EA	\$ 350.00	\$ 1,050.00
288	32 32 00	PAVE STONE RETAINING WALL REPAIR	8	LF	\$ 385.00	\$ 3,080.00
289	32 93 00	4" TOPSOIL	490	CY	\$ 43.00	\$ 21,070.00
290	32 93 00	BLOCK SODDING	4,407	SY	\$ 6.30	\$ 27,764.10
291	33 05 05	TRENCH SAFETY PROTECTION	5,877	LF	\$ 5.00	\$ 29,385.00
292	33 01 50	ADJUST SSC0 TO GRADE	1	EA	\$ 350.00	\$ 350.00
293	51 05 05	DEMO ELECTRIC SWITCHGEAR	2	EA	\$ 6,000.00	\$ 12,000.00
294	51 05 05	DEMO ELECTRIC PULL BOX	2	EA	\$ 1,000.00	\$ 2,000.00
295	51 05 05	DEMO DATA PULL BOX	2	EA	\$ 1,000.00	\$ 2,000.00

Item No.	SPEC	Description of work	BID QTY	UOM	Unit Price	Extended Price
296	51 05 05	DEMO ELECTRICAL DUCT BANK	2,800	LF	\$ 40.00	\$ 112,000.00
297	51 05 05	DEMO DATA DUCT BANK	2,900	LF	\$ 40.00	\$ 116,000.00
298	51 05 05	LOCATING AND EXCAVATING EXISTING DUCT BANK	10	EA	\$ 750.00	\$ 7,500.00
299	51 05 13	500 KCMIL MV-105, EPR, 15KV	8,352	LF	\$ 39.00	\$ 325,728.00
300	51 05 13	#2 MV-105, EPR, 15KV	2,440	LF	\$ 11.00	\$ 26,840.00
301	51 05 26	#2 BARE COPPER	100	LF	\$ 140.00	\$ 14,000.00
302	51 05 26	#4/0 BARE COPPER	100	LF	\$ 16.00	\$ 1,600.00
303	51 13 29	SWITCHGEAR PME-9	2	EA	\$ 70,000.00	\$ 140,000.00
304	51 05 13	TERMINATIONS AT TRANSFORMERS	18	EA	\$ 700.00	\$ 12,600.00
305	51 05 43	ELECTRICAL MANHOLE	7	EA	\$ 38,000.00	\$ 266,000.00
306	51 05 43	ELECTRICAL DUCT BANK - PRIMARY 4 CELL	167	LF	\$ 325.00	\$ 54,275.00
307	51 05 43	ELECTRICAL DUCT BANK - PRIMARY 2 CELL	2,450	LF	\$ 300.00	\$ 735,000.00
308	51 05 43	ELECTRICAL DUCT BANK (TO TRANSFORMERS)	185	LF	\$ 300.00	\$ 55,500.00
309	51 05 43	DATA PULLBOX	9	EA	\$ 20,000.00	\$ 180,000.00
310	51 05 43	DATA DUCTBANK - TELECOM 4 CELL	3,075	LF	\$ 300.00	\$ 922,500.00
END SECTION X - UNT DUCT BANK IMPROVEMENTS					SUBTOTAL	\$3,222,501.35
END BASE PROPOSAL ITEMS						
PROJECT BASE PROPOSAL AMOUNT (SECTIONS I through X):						\$38,240,172.90

311- ALTERNATE 1 - ALIGNMENT 5 (EMPTY UNT DUCT BANK - SHEETS DB13 & DB24)						
312	32 01 17	ASPHALT PAVEMENT REPAIR (TEMPORARY)	68	SY	\$ 203.00	\$ 13,804.00
313	32 93 00	4" TOPSOIL	33	CY	\$ 51.00	\$ 1,683.00
314	32 93 00	BLOCK SOD	293	SY	\$ 6.35	\$ 1,860.55
315	33 05 05	TRENCH SAFETY PROTECTION	380	LF	\$ 1.00	\$ 380.00
316	51 05 43	ELECTRICAL MANHOLE	1	EA	\$ 35,000.00	\$ 35,000.00
317	51 05 43	ELECTRICAL DUCTBANK - PRIMARY 2 CELL	200	LF	\$ 225.00	\$ 45,000.00
318	51 05 43	DATA PULLBOX	1	EA	\$ 16,000.00	\$ 16,000.00
319	51 05 43	DATA DUCTBANK - TELECOM 4 CELL	180	LF	\$ 250.00	\$ 45,000.00
END ALTERNATE 1 - UNT EMPTY DUCT BANK IMPROVEMENTS					SUBTOTAL	\$158,727.55
END ALTERNATE PROPOSAL ITEMS						
ALTERNATE 1-ALIGNMENT 5 PROPOSAL AMOUNT :						\$158,727.55
TOTAL PROJECT PROPOSAL AMOUNT (SECTIONS I through X + ALTERNATE 1):						\$38,398,900.45

Bonnie Brae Phase 3 Widening & Reconstruction
CSP 8094-1

Sundt Construction, Inc.

EXPLANATION OF ESTIMATED TOTAL COST OF UNT'S ALTERNATE 1 - ALIGNMENT 5 DUCTBANK	
General Items & Excavation Total (items highlighted in green) :	\$ 6,142,460.00
Proportionate Percentage to Alternate 1 - Alignment 5 Proposal:	0.025841039
Applicable General Items & Excavation Costs:	\$ 4,101.68
Subtotal:	\$ 162,829.23
7% City Staff (Project Manager & Inspections):	\$ 11,398.05
*Total Estimated Final Cost of Alternate 1 - Alignment 5 :	\$ 174,227.28
*Any UNT authorized change order may modify cost	