



NORTH TEXAS TOLLWAY AUTHORITY

May 22, 2013

ADDENDUM No. 1

TITLE: "CHANGE and QUESTIONS & RESPONSES"

RFB 03598-SWP-00-CN-IT - Chisholm Trail Parkway Installation of Fiber Optic Cable

Attention: All Potential Bidders

Addendum No. 1 "Change and Questions & Responses" is submitted for your information in preparing responses to the above mentioned RFB. It is hereby made a part of the contract for the aforementioned RFB. Bidders must acknowledge this addendum by signing and including the attached acknowledgement sheet when submitting their response.

No late bids will be accepted. If a conflict exists between the RFB and this addendum, the addendum prevails.

Change

There have been revisions made to the following quantity summary sheets. Please replace the sheets in your plans with the attached:

- Sheet 6 of 298
- Sheet 10 of 298
- Sheet 11 of 298
- Sheet 12 of 298

The "UNIT DESCRIPTION AND BID PRICE SCHEDULE" pages have also been updated. Please replace and utilize the following pages when submitting your bid with the attached:

- Page 43 of the SPECIFICATION book

Questions & Responses

1. What is the Engineer's Estimate for this project?

\$1.9 million

2. When does the NTTA anticipate work being able to be started?

The contract award is scheduled for the July 17, 2013 Board meeting. The contract will be sent to the awarded firm after Board approval. Once fully executed, the awarded firm will receive notice to proceed.

3. Are there a number of working days associated with this project?

Yes, however, the substantial completion date is April 25, 2014 regardless of those days.

4. Can you clarify the 6014 measurement item? I know you added the splicing and some of the other items per each but in the Special Specification it calls out from some of them to pay out as a plan quantity item.

Per the Item 6014 Special Provision, each of the items listed are plan quantity items meaning the quantity in the plans is the anticipated work to be performed. Revisions to the work, if required, will be by written change order modifying the quantity at the established unit prices bid in the contract.

5. If a firm is doing work on Maintenance Management Consultant contract or the Program Management Consultant contract are they excluded from doing work on this project?

Yes.

6. What percent of the infrastructure is complete?

Approximately 10% of the infrastructure is complete.

7. In what material will the fiber optic cables be cased?

It is a multi-duct conduit system.

8. Is there interest in connecting this portion of the network to the other parts of your fiber optic network?

Yes, however, that is being addressed under different avenues.

9. Will the NTTA retain ownership of the all fiber?

Yes, the NTTA will retain ownership of all fiber installed on our corridors.

10. Since this project is not yet complete, how is the NTTA going to facilitate a project not yet being sold and yet another contractor coming in there operating in those facilities?

That will have to be coordinated with each roadway contractor. As the IT infrastructure nears completion, the awarded firm will have to communicate with the construction manager, IT construction coordinator, and contractor to coordinate times for your personnel to be on site to conduct the conduit proofing, fiber optic installations, fiber optic splicing.

11. Do the sections of the project coordinate with the cable pulls?

There is some coordination; however there are roadway sections where one discrete fiber pull does overlap separate roadway sections.

12. Will the pre bid conference be held at your offices in Plano, and do you need any information from my office to attend the conference.

Yes. The pre-bid conference was held at the NTTA headquarters in Plano, Texas. There is no additional information needed from conference attendees.

13. Is the pre-bid meeting tomorrow mandatory? In the Table of Contents of the package, it list the pre-bid as mandatory but when you go to page 1, it lists it as non-mandatory.

The pre-bid conference was NOT mandatory. Firms are invited to submit a bid whether or not they attended the pre-bid conference.

14. Can you tell me where to go to view and/or purchase plans for this project? Can't find on the website.

Plans and specifications can be viewed or purchased from Thomas Reprographics. The website is www.thomasrepro.com/dfs/ntta.

15. Will the 8a program from the SBA be an acceptable certification for the DBE necessity of this project?

The following certifying agencies will be recognized by the NTTA:

- 1) Dallas/Fort Worth Minority Supplier Development Council**
- 2) North Central Texas Regional Certification Agency**
- 3) Approved entities of the Texas Unified Certification Program (DBE Program only)**
- 4) Women's Business Council – Southwest**
- 5) Small Business Administration – 8(a) Program**

16. Any time we are going to cross Chisholm Trail Parkway will we coordinate with the contractor to trench across before they place asphalt, or do we need to expect to directional bore at these points in time?

This contract is to install fiber optic cable through conduit system being constructed by the individual roadway section contractors. There is no conduit trenching, boring or conduit installation associated with this contract.

17. Will we need to provide a staging yard or will this be provided within the ROW?

The firm awarded the contract will need to make their own arrangements for staging. The contractor will need to provide their own staging area. NTTA is not providing a staging area within the ROW.

18. In the spirit of "Value Engineering Proposals" outlined on page 127, I would like to ask if NTTA would consider a bidder's response with reduced pricing in consideration of an option that would allow the bidder to retain ownership and access to some agreed number of fibers for future business.

The value to the bidder is reduced cost by minimizing or eliminating the requirement to install new Fiber assets adjacent to the Toll way to service customers who will for a variety of business reasons locate there for access convenience.

The value to NTTA in addition to the lower cost is that under a separate NTTA RFP process it could support future connectivity of the project to other NTTA Fiber Network assets and managed services of those assets using the Bidder's existing DFW fiber network footprint.

Would this type of response be acceptable to NTTA?

No.

19. Our company, would like to have the opportunity to bid on the North Texas Tollway Authority, Chisholm Trail Parkway, Sec. 1-6. Fiber cable project. Our company is certified WBE and HUB with the state of Texas on the CMBL bid list. We are a wholesale distributor of OFS fiber optic products, but we do not install the fiber. Our question is can we bid to furnish (only) the fiber optic cable since we do not install it?

No. If you are interested in furnishing the fiber optic cable for this project, you should seek to team with a PRIME contractor that will be submitting a bid for this project.

20. According to the specifications we are to install mule tape and mandrel the conduit, will we be required to mandrel and install mule tape in the conduits we will not be utilizing for fiber cable installation?

Yes, it is required to mandrel and install mule tape in all innerducts of the multiduct conduit not utilized for fiber cable installation.

For any further inquiries about this addendum, please email Brandy Adamson at badamson@ntta.org by May 24, 2013. Include RFB 03598-SWP-00-CN-IT Chisholm Trail Parkway Installation of Fiber Optic Cable in the subject line of your email.

This addendum does not change the due date for RFB 03598-SWP-00-CN-IT. Bids are due **June 4, 2013 at 3:00 p.m.**

Yours very truly,

A handwritten signature in black ink, appearing to read 'F. Alvarez', with a long horizontal flourish extending to the right.

Felix Alvarez, MPA, CPPO, CPP
Sr. Director of Procurement Services

cc: Elizabeth Mow, Project Delivery

RFB 03598-SWP-00-CN-IT
Chisholm Trail Parkway Installation of Fiber Optic Cable

Please submit this Addendum Acknowledgement Receipt with your Response.

“I acknowledge receipt of Addendum No. 1 to RFB 03598-SWP-00-CN-IT.”

Dated: Wednesday, May 22, 2013

Vendor's Name

Authorized Signatory - (Print)

Signature

Date

NORTH TEXAS TOLLWAY AUTHORITY
"UNIT DESCRIPTION AND BID PRICE SCHEDULE"

Contract: 03598-SWP-00-CN-IT

Highway: Chisholm Trail Parkway, Sections: 1-6

County: Tarrant and Johnson Counties

ITEM			UNIT BID PRICE ONLY - WRITTEN IN WORDS	UNIT	APPROX. QUANTITIES	AMOUNT	DEPT USE ONLY
ITEM NO.	ITEM CODE	S.P. NO.					
0500	2001	11	MOBILIZATION _____ Dollars and _____ Cents	LS	1	\$ _____	1
0502	2001	33	BARRICADES, SIGNS AND TRAFFIC HANDLING _____ Dollars and _____ Cents	MO	1	\$ _____	2
6014	2010	6014.0	FIBER OPTIC CBL (SNGLE MODE)(6 FIBER) _____ Dollars and _____ Cents	LF	52,656	\$ _____	3
6014	2011	6014.0	FIBER OPTIC CBL (SNGLE-MODE) (12 FIBER) _____ Dollars and _____ Cents	LF	16,184	\$ _____	4
6014	2020	6014.0	FIBER OPTIC SPLICE ENCLOSURE _____ Dollars and _____ Cents	EA	24	\$ _____	5
6014	2024	6014.0	FIBER OPTIC CABLE ROAD MARKER _____ Dollars and _____ Cents	EA	290	\$ _____	6
6014	2034	6014.0	FIBER OPTIC PATCH PANEL (12 POSITION) _____ Dollars and _____ Cents	EA	12	\$ _____	7
6014	2043	6014.0	FIBER OPTIC PATCH PANEL (6 POSITION) _____ Dollars and _____ Cents	EA	44	\$ _____	8
6014	7001	6014.0	FIBER OPTIC CBL(SNGLE-MODE)(288 FIBER) _____ Dollars and _____ Cents	LF	157,492	\$ _____	9
6014	7002	6014.0	FIBER OPTIC CABLE TEST STATION _____ Dollars and _____ Cents	EA	50	\$ _____	10
6014	7005	6014.0	FIBER OPTIC PATCH PANEL (24 POSITION) _____ Dollars and _____ Cents	EA	10	\$ _____	11
6014	7006	6014.0	FIBER OPTIC PATCH PANEL (36 POSITION) _____ Dollars and _____ Cents	EA	10	\$ _____	12
6014	7008	6014.0	FIBER OPTIC PATCH PANEL (288 POSITION) _____ Dollars and _____ Cents	EA	12	\$ _____	13
6014	7009	6014.0	FIBER OPTIC TERMINATION _____ Dollars and _____ Cents	EA	4,362	\$ _____	14

ESTIMATE OF QUANTITIES

ITEM NO.	DESC CODE	SP NO	DESCRIPTION	UNIT	PLAN QUANTITY	ACTUAL
500	2001	11	MOBILIZATION	LS	1	
502	2001	33	BARBICUTS, SIGNS AND TRAFFIC HANDLING	MO	1	
6014	2010	6014.0	FIBER OPTIC CBL (SINGLE-MODE) (6 FIBER)	LF	42,666	
6014	2010	6014.0	FIBER OPTIC CBL (SINGLE-MODE) (12 FIBER)	LF	157,492	
6014	2020	6014.0	FIBER OPTIC CBL (SINGLE-MODE) (288 FIBER)	LF	24	
6014	2024	6014.0	FIBER OPTIC SPICE ENCLOSURE	EA	290	
6014	2002	6014.0	FIBER OPTIC CABLE ROAD MARKER	EA	50	
6014	2043	6014.0	FIBER OPTIC CABLE TEST STATION	EA	44	
6014	2034	6014.0	FIBER OPTIC PATCH PANEL (6 POSITION)	EA	12	
6014	2035	6014.0	FIBER OPTIC PATCH PANEL (24 POSITION)	EA	10	
6014	2007	6014.0	FIBER OPTIC PATCH PANEL (48 POSITION)	EA	0	
6014	2008	6014.0	FIBER OPTIC PATCH PANEL (96 POSITION)	EA	2	
6014	2010	6014.0	FIBER OPTIC SPLICING	EA	2,184	

1. DUE TO THE SEGMENTED NATURE OF THE CONCURRENT CONSTRUCTION, CONTRACTOR SHALL BE REQUIRED TO MOBILIZE MULTIPLE TIMES TO FACILITATE FIBER OPTIC CABLE INSTALLATION AT THE PROPOSED SITE FACILITIES AND ETC GANTRY LOCATIONS.

2. WORK NECESSARY AFTER ROADWAY OPEN TO TRAFFIC DATE. USE OF BID ITEM SHALL BE SUBJECT TO PRIOR APPROVAL OF CONSTRUCTION MANAGERS.

3. REFER TO SPECIAL PROVISION TO ITEM 6014, "FIBER OPTIC CABLE, PATCH PANELS AND SPICE ENCLOSURES SHALL BE FURNISHED AS REQUIRED BY SPECIAL SPECIFICATION 6014, "FIBER OPTIC CABLE" AND SHALL BE DELIVERED TO NITA AT FUTURE TELECOM STORAGE YARD, 1800 WEST BRATTON ROAD, BALCH SPRINGS, TEXAS UPON COMPLETION OF PROJECT.

RELEASED FOR CONSTRUCTION
 Date: 04/10/2013

CHISHOLM TRAIL PARKWAY
 NORTH TEXAS TOLLWAY AUTHORITY

NTTA
 NORTH TEXAS TOLLWAY AUTHORITY

ESTIMATE SUMMARY

SECTION

Contract: JMS DATE: 5/20/2013 Revised: JMS DATE: 5/20/2013
 Drawn: JMS DATE: 5/20/2013 Scale: AS SHOWN
 CONTRACT NO. 03598-SWP-00-CN-IT SHEET 9 OF 288
 12:55:44 PM 5/20/2013

FIBER OPTIC CABLE PANEL/SPICE SUMMARY

ITEM CODE	DESC	EA	EA	EA	EA	EA	EA	EA	EA
6014	FIBER OPTIC PATCH PANEL (6 POSITION)	1	-	-	-	-	-	-	-
2034	FIBER OPTIC PATCH PANEL (12 POSITION)	1	-	-	-	-	-	-	-
6014.0	FIBER OPTIC PATCH PANEL (24 POSITION)	1	-	-	-	-	-	-	-
6014.0	FIBER OPTIC PATCH PANEL (36 POSITION)	1	-	-	-	-	-	-	-
6014.0	FIBER OPTIC PATCH PANEL (48 POSITION)	1	-	-	-	-	-	-	-
6014.0	FIBER OPTIC PATCH PANEL (288 POSITION)	1	-	-	-	-	-	-	-
6014	FIBER OPTIC TERMINATION	6	-	-	-	-	-	-	-
7010	FIBER OPTIC SPICE	6	-	-	-	-	-	-	-
7009		324	-	-	-	-	-	-	-
7008		6	-	-	-	-	-	-	-
7006		6	-	-	-	-	-	-	-
7005		6	-	-	-	-	-	-	-
7007		6	-	-	-	-	-	-	-
7008		6	-	-	-	-	-	-	-
7009		6	-	-	-	-	-	-	-
7010		6	-	-	-	-	-	-	-
7011		6	-	-	-	-	-	-	-
7012		6	-	-	-	-	-	-	-
7013		6	-	-	-	-	-	-	-
7014		6	-	-	-	-	-	-	-
7015		6	-	-	-	-	-	-	-
7016		6	-	-	-	-	-	-	-
7017		6	-	-	-	-	-	-	-
7018		6	-	-	-	-	-	-	-
7019		6	-	-	-	-	-	-	-
7020		6	-	-	-	-	-	-	-
7021		6	-	-	-	-	-	-	-
7022		6	-	-	-	-	-	-	-
7023		6	-	-	-	-	-	-	-
7024		6	-	-	-	-	-	-	-
7025		6	-	-	-	-	-	-	-
7026		6	-	-	-	-	-	-	-
7027		6	-	-	-	-	-	-	-
7028		6	-	-	-	-	-	-	-
7029		6	-	-	-	-	-	-	-
7030		6	-	-	-	-	-	-	-
7031		6	-	-	-	-	-	-	-
7032		6	-	-	-	-	-	-	-
7033		6	-	-	-	-	-	-	-
7034		6	-	-	-	-	-	-	-
7035		6	-	-	-	-	-	-	-
7036		6	-	-	-	-	-	-	-
7037		6	-	-	-	-	-	-	-
7038		6	-	-	-	-	-	-	-
7039		6	-	-	-	-	-	-	-
7040		6	-	-	-	-	-	-	-
7041		6	-	-	-	-	-	-	-
7042		6	-	-	-	-	-	-	-
7043		6	-	-	-	-	-	-	-
7044		6	-	-	-	-	-	-	-
7045		6	-	-	-	-	-	-	-
7046		6	-	-	-	-	-	-	-
7047		6	-	-	-	-	-	-	-
7048		6	-	-	-	-	-	-	-
7049		6	-	-	-	-	-	-	-
7050		6	-	-	-	-	-	-	-
7051		6	-	-	-	-	-	-	-
7052		6	-	-	-	-	-	-	-
7053		6	-	-	-	-	-	-	-
7054		6	-	-	-	-	-	-	-
7055		6	-	-	-	-	-	-	-
7056		6	-	-	-	-	-	-	-
7057		6	-	-	-	-	-	-	-
7058		6	-	-	-	-	-	-	-
7059		6	-	-	-	-	-	-	-
7060		6	-	-	-	-	-	-	-
7061		6	-	-	-	-	-	-	-
7062		6	-	-	-	-	-	-	-
7063		6	-	-	-	-	-	-	-
7064		6	-	-	-	-	-	-	-
7065		6	-	-	-	-	-	-	-
7066		6	-	-	-	-	-	-	-
7067		6	-	-	-	-	-	-	-
7068		6	-	-	-	-	-	-	-
7069		6	-	-	-	-	-	-	-
7070		6	-	-	-	-	-	-	-
7071		6	-	-	-	-	-	-	-
7072		6	-	-	-	-	-	-	-
7073		6	-	-	-	-	-	-	-
7074		6	-	-	-	-	-	-	-
7075		6	-	-	-	-	-	-	-
7076		6	-	-	-	-	-	-	-
7077		6	-	-	-	-	-	-	-
7078		6	-	-	-	-	-	-	-
7079		6	-	-	-	-	-	-	-
7080		6	-	-	-	-	-	-	-
7081		6	-	-	-	-	-	-	-
7082		6	-	-	-	-	-	-	-
7083		6	-	-	-	-	-	-	-
7084		6	-	-	-	-	-	-	-
7085		6	-	-	-	-	-	-	-
7086		6	-	-	-	-	-	-	-
7087		6	-	-	-	-	-	-	-
7088		6	-	-	-	-	-	-	-
7089		6	-	-	-	-	-	-	-
7090		6	-	-	-	-	-	-	-
7091		6	-	-	-	-	-	-	-
7092		6	-	-	-	-	-	-	-
7093		6	-	-	-	-	-	-	-
7094		6	-	-	-	-	-	-	-
7095		6	-	-	-	-	-	-	-
7096		6	-	-	-	-	-	-	-
7097		6	-	-	-	-	-	-	-
7098		6	-	-	-	-	-	-	-
7099		6	-	-	-	-	-	-	-
7100		6	-	-	-	-	-	-	-
7101		6	-	-	-	-	-	-	-
7102		6	-	-	-	-	-	-	-
7103		6	-	-	-	-	-	-	-
7104		6	-	-	-	-	-	-	-
7105		6	-	-	-	-	-	-	-
7106		6	-	-	-	-	-	-	-
7107		6	-	-	-	-	-	-	-
7108		6	-	-	-	-	-	-	-
7109		6	-	-	-	-	-	-	-
7110		6	-	-	-	-	-	-	-
7111		6	-	-	-	-	-	-	-
7112		6	-	-	-	-	-	-	-
7113		6	-	-	-	-	-	-	-
7114		6	-	-	-	-	-	-	-
7115		6	-	-	-	-	-	-	-
7116		6	-	-	-	-	-	-	-
7117		6	-	-	-	-	-	-	-
7118		6	-	-	-	-	-	-	-
7119		6	-	-	-	-	-	-	-
7120		6	-	-	-	-	-	-	-
7121		6	-	-	-	-	-	-	-
7122		6	-	-	-	-	-	-	-
7123		6	-	-	-	-	-	-	-
7124		6	-	-	-	-	-	-	-
7125		6	-	-	-	-	-	-	-
7126		6	-	-	-	-	-	-	-
7127		6	-	-	-	-	-	-	-
7128		6	-	-	-	-	-	-	-
7129		6	-	-	-	-	-	-	-
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7131		6	-	-	-	-	-	-	-
7132		6	-	-	-	-	-	-	-
7133		6	-	-	-	-	-	-	-
7134		6	-	-	-	-	-	-	-
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7136		6	-	-	-	-	-	-	-
7137		6	-	-	-	-	-	-	-
7138		6	-	-	-	-	-	-	-
7139		6	-	-	-	-	-	-	-
7140		6	-	-	-	-	-	-	-
7141		6	-	-	-	-	-	-	-
7142		6	-	-	-	-	-	-	-
7143		6	-	-	-	-	-	-	-
7144		6	-	-	-	-	-	-	-
7145		6	-	-	-	-	-	-	-
7146		6	-	-	-	-	-	-	-
7147		6	-	-	-	-	-	-	-
7148		6	-	-	-	-	-	-	-
7149		6	-	-	-	-	-	-	-
7150		6	-	-	-	-	-	-	-
7151		6	-	-	-	-	-	-	-
7152		6	-	-	-	-	-	-	-
7153		6	-	-	-	-	-	-	-
7154		6	-	-	-	-	-	-	-
7155		6	-	-	-	-	-	-	-
7156		6	-	-	-	-	-	-	-
7157		6	-	-	-	-	-	-	-
7158		6	-	-	-	-	-	-	-
7159		6	-	-	-	-	-	-	-
7160		6	-	-	-	-	-	-	-
7161		6	-	-	-	-	-	-	-
7162		6	-	-	-	-	-		

FIBER OPTIC CABLE PANEL/SPLICE SUMMARY

ITEM	6014	6014	6014	6014	6014	6014	6014	6014	6014	6014	6014	6014
CODE	2034	2034	7006	7006	7007	7008	7009	7010	7010	7010	7010	7010
SP	6014.0	6014.0	6014.0	6014.0	6014.0	6014.0	6014.0	6014.0	6014.0	6014.0	6014.0	6014.0
DESC	FIBER OPTIC PATCH PANEL (6 POSITION)	FIBER OPTIC PATCH PANEL (12 POSITION)	FIBER OPTIC PATCH PANEL (24 POSITION)	FIBER OPTIC PATCH PANEL (36 POSITION)	FIBER OPTIC PATCH PANEL (48 POSITION)	FIBER OPTIC PATCH PANEL (288 POSITION)	FIBER OPTIC TERMINATION	FIBER OPTIC SPLICE				
Fiber Optic Cable Plan - Sta 1497+00 to Sta 1509+00	-	-	-	-	-	-	-	-	-	-	-	-
Fiber Optic Cable Plan - Sta 1509+00 to Sta 1521+00	-	-	-	-	-	-	-	-	-	-	-	-
Fiber Optic Cable Plan - Sta 1521+00 to Sta 1533+00	-	-	-	-	-	-	-	-	-	-	-	-
Fiber Optic Cable Plan - Sta 1533+00 to Sta 1545+00	-	-	-	-	-	-	-	-	-	-	-	-
Fiber Optic Cable Plan - Sta 1545+00 to Sta 1557+00	-	-	-	-	-	-	-	-	-	-	-	-
Fiber Optic Cable Plan - Sta 1557+00 to Sta 1569+00	-	-	-	-	-	-	-	-	-	-	-	-
Fiber Optic Cable Plan - Sta 1569+00 to Sta 1581+00	-	-	-	-	-	-	-	-	-	-	-	-
Fiber Optic Cable Plan - Sta 1581+00 to Sta 1593+00	-	-	-	-	-	-	-	-	-	-	-	-
Fiber Optic Cable Plan - Sta 1593+00 to Sta 1605+00	-	-	-	-	-	-	-	-	-	-	-	-
Fiber Optic Cable Plan - Sta 1605+00 to Sta 1617+00	-	-	-	-	-	-	-	-	-	-	-	-
Fiber Optic Cable Plan - Sta 1617+00 to Sta 1629+00	-	-	-	-	-	-	-	-	-	-	-	-
Fiber Optic Cable Plan - Sta 1629+00 to Sta 1641+00	-	-	-	-	-	-	-	-	-	-	-	-
Fiber Optic Cable Plan - Sta 1641+00 to Sta 1653+00	-	-	-	-	-	-	-	-	-	-	-	-
Fiber Optic Cable Plan - Sta 1653+00 to Sta 1665+00	-	-	-	-	-	-	-	-	-	-	-	-
Fiber Optic Cable Plan - Sta 1665+00 to Sta 1677+00	-	-	-	-	-	-	-	-	-	-	-	-
Fiber Optic Cable Plan - Sta 1677+00 to Sta 1689+00	-	-	-	-	-	-	-	-	-	-	-	-
Fiber Optic Cable Plan - Sta 1689+00 to Sta 1701+00	-	-	-	-	-	-	-	-	-	-	-	-
Fiber Optic Cable Plan - Sta 1701+00 to Sta 1713+00	-	-	-	-	-	-	-	-	-	-	-	-
Fiber Optic Cable Plan - Sta 1713+00 to Sta 1725+00	-	-	-	-	-	-	-	-	-	-	-	-
Fiber Optic Cable Plan - Sta 1725+00 to Sta 1737+00	-	-	-	-	-	-	-	-	-	-	-	-
Fiber Optic Cable Plan - Sta 1737+00 to Sta 1749+00	-	-	-	-	-	-	-	-	-	-	-	-
Fiber Optic Cable Plan - Sta 1749+00 to Sta 1761+00	-	-	-	-	-	-	-	-	-	-	-	-
Fiber Optic Cable Plan - Sta 1761+00 to Sta 1773+00	-	-	-	-	-	-	-	-	-	-	-	-
Fiber Optic Cable Plan - Sta 1773+00 to End Project	-	-	-	-	-	-	-	-	-	-	-	-
TOTALS	44	12	10	10	0	1	12	4,362	2,184			

RELEASED FOR CONSTRUCTION

Date: 04/10/2013

CHISHOLM TRAIL PARKWAY

NTTA
 NORTH TEXAS TOLLWAY AUTHORITY

FIBER OPTIC CABLE
 PANEL/SPLICE SUMMARY

SHEET 3 OF 3

SECTION

Drawn: JMS Date: 5/20/2013
 Checked: JMS Date: 5/20/2013
 Contract No. 03598-SWP-00-CN-IT SHEET 12 OF 288
 12:56:50 PM 5/20/2013