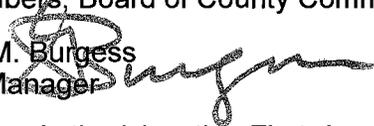


Date: November 17, 2009

To: Honorable Chairman Dennis C. Moss  
and Members, Board of County Commissioners

From: George M. Burgess  
County Manager 

Subject: Resolution Authorizing the First Amendment to the Florida Power & Light (FPL)-  
Metrorail Phase I Contribution Administration Agreement and Issuance of Work  
Order No. FPL-D-EHC-2 in an Amount Not to Exceed \$18,545,621 to Provide  
Dedicated Electrical Service Feeders to Three Proposed Traction Power  
Substations for the MIC-Earlington Heights Connector Project

Agenda Item No.8(J)(1)(A)

Resolution No. R-1305-09

**Recommendation**

The attached Amendment No. 1 to the Florida Power & Light - Metrorail Phase I Contribution Administration Agreement and Work Order No. FPL-D-EHC-2 has been prepared by Miami-Dade Transit (MDT) in accordance with the Phase I Contribution Administration Agreement and is recommended for approval.

**Scope**

PROJECT NAME: MIC-Earlington Heights Connector Project

PROJECT NO.: CIP004

PROJECT DESCRIPTION: The MIC-Earlington Heights Connector Project is an elevated 2.4 mile double-track, heavy-rail extension of the existing Miami-Dade Metrorail system. The project is located in central Miami-Dade County. This 2.4-mile heavy rail extension will connect the Miami Intermodal Center (MIC), located north of NW 21st Street and east of NW 42nd Avenue, to the existing elevated guideway just west of the Earlington Heights Metrorail station located at NW 41st Street and NW 22nd Avenue. The project includes one new Metrorail Station at the MIC and provides a direct link from the MIC to Downtown Miami. The corridor begins at the existing elevated Metrorail line to the west of the Earlington Heights station, and continues westerly along the north side of SR 112, crosses SR 112 and then makes a southerly turn and crosses over the Miami River Canal. It then crosses over the South Florida Rail Corridor (SFRC) and parallels the SFRC and enters into the MIC.

Two dedicated 13.2 KV electrical service feeders are required from Florida Power & Light Company (FPL) to support the operation of each of the three new Traction Power Substations (TPSS).

WORK ORDER DESCRIPTION: Engineering, design and construction of two new 13.2 KV dedicated feeders for each of the three Traction Power Substations and equipment needed to provide electrical service feeders to the proposed traction power substations.

PRIMARY COMMISSION DISTRICT: Miami-Dade Commission District 2, 3, 5 and 6.

MANAGING AGENCY: Miami-Dade Transit (MDT)

**Fiscal Impact / Funding Source**

FUNDING SOURCE: The project will be funded 100% through the Transit System Sales Surtax Revenue Bonds, Series 2009 which is already allocated and approved (R-1041-09). The cost of this work order is included as part of the MIC-Earlington Heights Connector Project, which is included among the Rapid Transit Improvement Projects listed in the People's Transportation Plan (PTP).

BASE WORK ORDER AMOUNT: The Work Order amount is \$18,545,621

FISCAL IMPACT: The fiscal impact of this Work Order amendment is \$18,545,621 and is included in the funding for the MIC-Earlington Heights Connector Project which will be funded 100% through the Transit System Sales Surtax Revenue Bonds, Series 2009 which is already allocated and approved (R-1041-09).

**Track Record / Monitor**

ORIGINAL AGREEMENT AMOUNT: The original agreement amount was \$1,500,000. This original Agreement executed on May 7, 1980 specified the procedures under which Miami-Dade County (County) and FPL would follow in identifying, planning, designing and constructing new electrical services. Pursuant to Phase I Contribution Administration Agreement, a Work Order is provided to FPL for each individual utility service project. The Board of County Commissioners (Board) authorizes FPL to perform work and invoice the County for reimbursable costs of FPL design and construction of two (2) new dedicated 13.2 KV dedicated electrical service feeder lines to the three proposed Traction Power Substations for the Orange Line Phase I, MIC-Earlington Heights Connector Project.

PREVIOUS AGREEMENTS WITH COUNTY: FPL has multiple agreements with several County departments including MDT.

**JUSTIFICATION:**

Two dedicated 13.2 KV electrical service feeders are required from Florida Power and Light (FPL) to support the operation of each of the three proposed Traction Power Substations for the MIC-Earlington Heights Connector Project. Each TPSS provides the required power that feeds the third rail which, in turn, supplies the necessary power for the rail vehicles to operate.

This estimate was reviewed by MDT and the engineering consultant to ensure that the estimate reflects the work necessary to accomplish the design and construction of the FPL distribution electrical service feeder lines.

This binding cost estimate has been provided by FPL and is good for 180 days.

**FIRM:**

Florida Power & Light Company

Note: The utility design may be performed by FPL or by their engineering consultant. The utility construction may be performed by either FPL or FPL contractors. Said contractors are under a contract award to the lowest qualified bidder who submitted a proposal in conformity with the requirements and specifications of the work. This is in accordance with Phase I Contribution Administration Agreement.

**LOCATION OF FIRM:**

Juno Beach, Florida

**COMPANY PRINCIPALS:**

Company's stockholders

**HOW LONG IN BUSINESS:**

83 Years

**PROJECT MANAGER:**

The person responsible for managing this work order is Froilan I. Baez, Utilities Manager of the Right of Way, Utilities & Property Management Division.

**Delegated Authority**

In accordance with Section 2-8.3 of the Miami-Dade County Code related to identifying delegation of Board authority, there are no authorities beyond that specified in the resolution which include authority for the Mayor, or Mayor's designee, to execute and terminate the agreement.

**Background**

This first amendment to the Phase I Contribution Administration Agreement (the original Agreement executed on May 7, 1980 between the County and FPL) is to change the formula for the Contribution in Aid of Construction (CIAC) as adopted by the Florida Administrative Code in April 2007. The CIAC is the formula by which the amount of this work order is arrived at and is a standard practice throughout the State of Florida. Changes to the MDT Design Criteria are also proposed as part of this item to make technical adjustments related to the scope of work under this agreement. Additional language updates have been made in the form attached hereby (Amendment No. 1).

This amendment also adds the new service requirements for the MIC-Earlington Heights Connector Project.

This work order is necessary to provide two new dedicated 13.2 KV electrical service feeder lines to the three proposed Traction Power Substations required for the MIC-Earlington Heights Connector. Construction is scheduled to begin January 15, 2010.

*For Start*

  
OSBM Director

28 October, 2009  
Date

  
Assistant County Manager



**MEMORANDUM**  
(Revised)

**TO:** Honorable Chairman Dennis C. Moss  
and Members, Board of County Commissioners

**DATE:** November 17, 2009

**FROM:** R. A. Cuevas, Jr.  
County Attorney

**SUBJECT:** Agenda Item No. 8(J)(1)(A)

Please note any items checked.

- "3-Day Rule" for committees applicable if raised
- 6 weeks required between first reading and public hearing
- 4 weeks notification to municipal officials required prior to public hearing
- Decreases revenues or increases expenditures without balancing budget
- Budget required
- Statement of fiscal impact required
- Ordinance creating a new board requires detailed County Manager's report for public hearing
- No committee review
- Applicable legislation requires more than a majority vote (i.e., 2/3's \_\_\_\_, 3/5's \_\_\_\_, unanimous \_\_\_\_ ) to approve
- Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved  Mayor  
Veto \_\_\_\_\_  
Override \_\_\_\_\_

Agenda Item No. 8(J)(1)(A)  
11-17-09

RESOLUTION NO. R-1305-09

RESOLUTION AUTHORIZING THE FIRST AMENDMENT TO THE FLORIDA POWER & LIGHT - METRORAIL PHASE I CONTRIBUTION ADMINISTRATION AGREEMENT AND ISSUANCE OF WORK ORDER NO. FPL-D-EHC-2 IN AN AMOUNT NOT TO EXCEED \$18,545,621 TO PROVIDE TWO (2) EACH 13.2 KV DEDICATED ELECTRICAL SERVICE FEEDERS TO THE THREE (3) PROPOSED TRACTION POWER SUBSTATIONS FOR THE MIC-EARLINGTON HEIGHTS CONNECTOR; AND AUTHORIZING THE USE OF CHARTER COUNTY TRANSIT SYSTEM SURTAX FUNDS

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board approves and authorizes the First Amendment to the Florida Power & Light - Metrorail Phase I Contribution Administration Agreement and issuance of Work Order No. FPL-D-EHC-2 in an amount not to exceed \$18,545,621 to provide two new 13.2 KV dedicated electrical service feeders to the three proposed Traction Power Substations in substantially the form attached hereto and made a part hereof; authorizes the use of Charter County Transit System Surtax funds; and authorizes the Mayor, or his designee, to execute same for and on behalf of Miami-Dade County.

The foregoing resolution was offered by Commissioner **Audrey M. Edmonson** who moved its adoption. The motion was seconded by Commissioner **Joe A. Martinez** and upon being put to a vote, the vote was as follows:

	Dennis C. Moss, Chairman	<b>aye</b>	
	Jose "Pepe" Diaz, Vice-Chairman	<b>absent</b>	
Bruno A. Barreiro	<b>absent</b>	Audrey M. Edmonson	<b>aye</b>
Carlos A. Gimenez	<b>absent</b>	Sally A. Heyman	<b>aye</b>
Barbara J. Jordan	<b>aye</b>	Joe A. Martinez	<b>aye</b>
Dorrin D. Rolle	<b>absent</b>	Natacha Seijas	<b>absent</b>
Katy Sorenson	<b>aye</b>	Rebeca Sosa	<b>aye</b>
Sen. Javier D. Souto	<b>absent</b>		

The Chairperson thereupon declared the resolution duly passed and adopted this 17<sup>th</sup> day of November, 2009. This resolution shall become effective as follows: (1) ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board, and (2) either i) the Citizens' Independent Transportation Trust (CITT) has approved same, or ii) in response to the CITT's disapproval, the County Commission re-affirms its award by two-thirds (2/3) vote of the Commission's membership and such reaffirmation becomes final.

MIAMI-DADE COUNTY, FLORIDA  
BY ITS BOARD OF  
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK



By: **DIANE COLLINS**  
Deputy Clerk

Approved by County Attorney as  
to form and legal sufficiency.

Bruce Libhaber



Appendix A

Right of Way and Utilities Division

**WORK ORDER for NEW SERVICE FEEDERS INSTALLATION**

WORK ORDER No.: FPL-D-EHC-2 Rev \_\_\_\_\_

<b>TO:</b>	<u>Florida Power &amp; Light Company</u>	<b>DATE:</b>	<u>10/26/2009</u>
<b>PROJECT:</b>	<u>MIC-EARLINGTON HEIGHTS CONNECTOR PROJECT</u>		
<b>CATEGORY OF WORK:</b>	<u>Installation of New Service</u>		
<b>AUTHORIZATION:</b>	<u>Phase I Contribution Administration Agreement (1980)</u>		

**Scope of Work:**

Design and construction of two new 13.8KV dedicated feeders for each of the three traction power substation.

**COMPLETION SCHEDULE:**

**Start Date:** 1/01/2010  
**Completion Date:** 3/01/2011

In the absence of a further written Work Order issued by the County, the County shall not be obligated to pay for the described work whenever performed in excess of the amount set forth in the Estimated Cost below, and the party to whom this order is issued shall not be obligated to perform the work in excess of the authorized amount

<b>ESTIMATED COST:</b>	<u>\$18,545,621.00</u>	<u><i>Frederick</i></u>	<u>10/26/09</u>
FUNDS AVAILABLE:	_____	Project Manager	DATE
INDEX CODE:	<u>MT03026PTB9B</u>	<u><i>[Signature]</i></u>	<u>10/27/09</u>
SUB-OBJECT:	<u>94212</u>	Assistant Director, MDT	DATE
PROJECT DETAIL:	_____	<u><i>[Signature]</i></u>	<u>10/27/09</u>
PROJECT:	_____	Director, MDT	DATE

<b>FINANCE CONCURRENCE:</b>	<b>APPROVED:</b>
<u><i>Calvin to True</i></u>	<u><i>[Signature]</i></u>
<u>10/27/09</u>	
MDT Budget	County Manager
	DATE



October 26, 2009

Froilan Baez, Utility Manager  
Miami Dade Transit  
701 NW 1<sup>st</sup> Court, 15<sup>th</sup> Floor  
Miami, FL 33136

Re: Contribution-In-Aid-of-Construction (CIAC) for Installation of FPL Facilities to Serve three Metrorail - Earlington Heights Corridor Traction Stations located in Miami, FL

Dear Mr. Baez:

We at FPL appreciate the opportunity to work with you on the aforementioned construction project. The cost estimates for the electric service you have requested have been completed and the total CIAC amount determined to be \$18,545,621. Please see attached supporting documentation that shows the Distribution related cost at \$15,029,621 and the Substation cost at \$3,516,000. This estimate is being provided in accordance with Florida Administrative Code (F.A.C.) rule 25-6.064 which governs the calculation of this type of CIAC to be charged by all investor owned electric utilities in the State of Florida.

F.A.C. rule 25-6.064 also provides that you may request FPL to review the CIAC amount within 12 months of the in-service date of the new FPL facilities. The in-service date is when the facilities have been installed and service is available to you. Should you request such a review in writing, FPL will recalculate the CIAC amount using the actual job costs and the actual incremental revenues that have been generated. If any difference is found between the recalculated CIAC and the amount that you originally paid, FPL will provide you with either a refund or an invoice for the additional amount. Please be mindful that the base revenue used in the CIAC calculation does not correspond to the total electric bill amount. Only the non-fuel energy and demand charge (if applicable) portions of the electric bill are base revenues, and these amounts will vary depending on consumption throughout the year.

A copy of the Florida Administrative Code rule is available upon request, or can be found at the following internet address: <http://fac.dos.state.fl.us/faconline/chapter25.pdf>.

The CIAC amount quoted above is valid for a period of 6 months from the date of this letter. Should you wish to proceed, please advise me of your intentions as soon as possible. Upon approval and acceptance of the total contribution amount along with the applicable and executed amendments to the previous Master Agreement (dated May 7<sup>th</sup>, 1980), the corresponding work orders will be released to construction with future billings to Miami Dade Transit up to amount quoted above.

Please contact me at (305) 954-2056 should you have any questions or concerns.

Sincerely,

Byron A Sample  
Sr Engineer

**METRORAIL CIAC NEW SERVICE**  
**Total Distribution WR Cost**

Financial Work Order	Type	Work Request Desc	CATS est 10-26-08
05454-007-0883	Duct	MDT - DB NW 27A fm 38S-41S, NW41S fm 27A-24A, NW24A fm 41S-42S	\$914,330
05455-007-0883	Cable	MDT - CBL NW 27A fm 38S-41S, NW41S fm 27A-24A, NW24A fm 41S-42S	\$128,192
05471-007-0883	Cable	MDT-Market CBL NW34 S/21A - 25A, 25A/34S-38S, 38S/25A-27A	\$148,952
05473-007-0883	Duct	MDT-Market DB NW34 S/21A - 25A, 25A/34S-38S, 38S/25A-27A	\$1,492,732
05474-007-0883	Cable	MDT - CBL NW34 S/21A - 25A, 25A/34S-38S, 38S/25A-27A	\$147,078
05481-007-0883	Duct	MDT - DB - NW 24AV fm NW 54ST to NW 68 ST (front of GLADEVIEW Sub)	\$1,656,018
05482-007-0883	Duct	MDT - DB NW 33 ST-14 to 18 Ave - 18 A from 33 to 34 st. & 34 st from 18 to 21A	\$1,437,764
05483-007-0883	Cable	MDT - CBL NW 33 ST-14 to 18 Ave - 18 A from 33 to 34 st. & 34 st from 18 to 21A	\$146,374
05503-007-0883	Duct	MDT - DB NW 24A fm NW 42ST to NW 54ST	\$1,256,385
05504-007-0883	Cable	MDT - CBL NW 24A fm NW 42ST to NW 54ST	\$122,672
05519-007-0883	Vault	MDT - EARLINGTON HEIGHTS TPS, VAULT for MDT Station#1 ( East)	\$60,472
05535-007-0883	Cable	MDT - EARLINGTON HEIGHTS TPS, Cable from MDT Station#1 to NW 41 ST	\$23,956
05536-007-0883	Duct	MDT - EARLINGTON HEIGHTS TPS, Duct from MDT Station#1 to NW 41 ST	\$55,640
05541-007-0883	Cable	MDT - CBL - NW 24AV fm NW 54ST to NW 68 ST (front of GLADEVIEW Sub)	\$147,297
05545-007-0883	Duct	MDT - EARLINGTON HEIGHTS TPS, DUCT BANK; Gladewiew Sub to 1st MH	\$42,142
05546-007-0883	Cable	MDT - EARLINGTON HEIGHTS TPS, CABLE; From Gladeview Sub to 1st MH	\$20,801
08526-007-0880	Duct	MDT-DB Airport/Wilcox STA 11 S River Dr/NW 28S, 28S-37A/25S to MIC/EH station #3	\$1,437,362
08528-007-0880	Duct	MDT-DB; Fronton NW 38S/35A-31A, 31A/38S-40 S, 40 S/31 A-29 A, 29 A/40S-38S/27A	\$1,670,493
08535-007-0880	Duct	MDT - DB; From Airport to S River Dr, STA11	\$1,348,751
08544-007-0880	Cable	MDT - CBL; From Airport to S River Dr, STA 11	\$124,395
08545-007-0880	Duct	MDT - EARLINGTON HEIGHTS TPS, DUCT BANK #1; From MH to MIC/TPS VAULT	\$33,089
08546-007-0880	Vault	MDT - EARLINGTON HEIGHTS MIC/TPS, VAULT NW 25 ST & 38 AV	\$60,364
08547-007-0880	Duct	MDT - EARLINGTON HEIGHTS TPS, DUCT BANK #1; From NW 36 St to sta 11 on S River Dr	\$577,290
08552-007-0880	Duct	MDT - DB; Fronton Sub/NW 38 A/36 S, 36 S from 38 A to 35 A, 35 A/ Station #2	\$1,229,847
08557-007-0880	Cable	MDT-CBL; Fronton Sub/NW 38 A/36 S, 36 S from 38 A to 35 A, 35 A/ Station#2	\$137,786
08560-007-0880	Cable	MDT-CBL Airport/Wilcox STA 11S River Dr/NW 28S, 28S-37A/25S to MIC/EH station #3	\$166,241
08562-007-0880	Duct	MDT - EARLINGTON HEIGHTS TPS, DUCT BANK; From Wilcox sub to 1st MH	\$41,826
08563-007-0880	Vault	MDT - EARLINGTON HEIGHTS TPS, VAULT for MDT Station #2 ( Middle)	\$60,472
08565-007-0880	Duct	MDT - DB; Fronton Sub/NW 38 A/36 S, to first MH outside the sub (Duct)	\$12,681
08566-007-0880	Cable	MDT-CBL; Fronton Sub/NW 38 A/36 S, to first MH outside the sub	\$12,233
08567-007-0880	Duct	MDT - EARLINGTON HEIGHTS TPS, DUCT BANK From MDT Station #2 to NW 35 Ave	\$18,312
08573-007-0880	Cable	MDT - EARLINGTON HEIGHTS TPS, CABLE ; From Wilcox sub to 1st MH	\$11,100
08575-007-0880	Cable	MDT - EARLINGTON HEIGHTS TPS, CABLE ; From MIC/EH Station #3 to NW 25 ST	\$33,540
08577-007-0880	Cable	MDT - EARLINGTON HEIGHTS TPS, CABLE ; From Airport Sub to 1st MH	\$12,616
08579-007-0880	Cable	MDT - EARLINGTON HEIGHTS TPS, CABLE from MDT Station #2 to NW 35 Ave	\$35,061
08581-007-0880	Duct	MDT - EARLINGTON HEIGHTS TPS, DUCT BANK: From Airport Sub to 1st MH	\$87,747
08582-007-0880	Cable	MDT-CBL; Fronton NW 38S/35A-31A, 31A/38S-40 S, 40 S/31 A-29 A, 29 A/40S-38S/27A	\$297,976
			\$15,209,987

<b>Normal Cost:</b>		
TPS#1	\$17,306	
TPS#2	\$65,496	
TPS#3	\$67,564	
Credit sub	-\$180,366	-\$180,366
<b>Total Substation Cost:</b>		
Airport	\$1,922,000	
Fronton	\$2,210,000	
Gladeview	\$39,000	
Wilcox	\$1,550,000	
Estimated	\$3,551,000	\$3,551,000

**CIAC Total** **\$18,545,621**



Appendix B

Right of Way And Utilities Division

# WORK ORDER REQUEST for NEW SERVICE FEEDERS INSTALLATION

REQUEST No.: FPL-D-EHC-2 Rev \_\_\_\_\_

- 1. Name of Firm: Florida Power & Light Company DATE: 10/26/2009
- 2. Project: MIC-EARLINGTON HEIGHTS CONNECTOR PROJECT
- 3. Request For:
  - New Work Order
  - Revision No. \_\_\_\_\_ to Work Order No. \_\_\_\_\_
- 4. Category of Work: Installation of New Service
- 5. Authorization: Phase I Contribution Administration Agreement (1980)
- 6. Specific Justification:
 

Two dedicated 13.8KV feeders are required at each Traction Power Substation

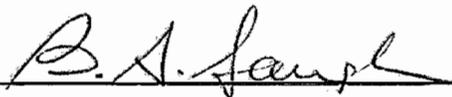
7. Scope of Work or Services to be Performed:

(SEE ATTACHMENT)

8. COMPLETION SCHEDULE:

<u>Estimated</u>	<u>Start Date: 1/01/2010</u>
<u>Estimated</u>	<u>Completion Date: 3/01/2011</u>

9. Estimated Cost: \$ 18,545,621.00

10. Signature:   
 NAME: BYRON A SAMPLE

TITLE: SR. ENGINEER

DATE: 10-27-09

**Project Description**

Earlington Heights new services to 3 MDT Traction Power Stations

**Summary Estimate of Cost**

Project Level

Work Order List (max 6)

08535-007-0880-000 08526-007-0880-000 08545-007-0880-000  
08547-007-0880-000 08561-007-0880-000 05454-007-0883-000

Project Name: MET Metrorail New Service

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10		\$1,108.00	Applied Engineering	\$3,171,620.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13		<u>\$1,108.00</u>	Sub-total	<u>\$3,171,620.00</u>	<u>\$3,172,728.00</u>
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25		\$269.06	Labor	\$690,657.74	
26			* Additives of Labor		
27		\$133.44	Transportation Expenses	\$842,549.66	
28			Material	\$1,626,676.71	
29			* Stores Handling	\$115,718.29	
30		\$3,622.60	Contractor & Misc. Expenses	\$9,288,865.70	
31			* Additives of Contractor & Misc. Expenses		
32		<u>\$4,025.00</u>	Sub-total	<u>\$11,972,467.00</u>	<u>\$11,972,492.00</u>
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor	\$3,542.29	
36			* Additives of Labor		
37			Transportation Expenses	\$1,766.91	
38			Material	\$6,297.35	
39			* Stores Handling	\$477.65	
40			Contractor & Misc. Expenses	\$47,692.80	
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total	<u>\$59,767.00</u>	<u>\$59,767.00</u>
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$5,133.00	<b>GRAND TOTAL</b>	<b>\$15,204,854.00</b>	<b>\$15,208,987.00</b>
49	<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>				<b>\$15,204,854.00</b>
50	<b>TOTAL REMOVAL COST</b>				<b>\$5,133.00</b>
51	<b>SALVAGE (LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED))</b>				<b>\$0.00</b>
52	<b>SUB-TOTAL</b>				<b>\$15,209,987.00</b>
53	<b>CREDIT @ 0.1% (FROM AGREEMENT)</b>				<b>\$0.00</b>
54	<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>				<b>\$15,209,987.00</b>

\*\* Handling, Tax & Insurance and Permit & Welfare at Approved Rates

Engineer: \_\_\_\_\_

Submitted By: Byron Sample

Byron Sample

(Dsbm only)  
Total

Work Order Description

Summary Estimate of Cost

mdt - earlington heights lps, duct bank #1; from  
a(Site;mdt - earlington heights ne)

Work Order Level

Project Name MET Metrorail New Servic  
Work Order 08535-007-0880-000

Line No.	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$286,146.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	\$286,146.00	\$286,146.00
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$65,190.01	
26			* Additives of Labor		
27			Transportation Expenses	\$32,798.89	
28			Material	\$68,147.22	
29			* Stores Loading	\$5,168.78	
30			Contractor & Misc. Expenses	\$890,360.10	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	\$1,062,605.00	\$1,062,605.00
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor		
36			* Additives of Labor		
37			Transportation Expenses		
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses		
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total		
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	\$1,348,751.00	\$1,348,751.00
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		\$1,348,751.00
50			<b>TOTAL REMOVAL COST</b>		\$0.00
51			<b>SALVAGE (0) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		\$0.00
52			<b>SUB-TOTAL</b>		\$1,348,751.00
53			<b>CREDIT FROM AGREEMENT (0%)</b>		\$0.00
54			<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>		\$1,348,751.00

\*Handling, Tack Insurance and Pension & Welfare at Approved Rates

Engineer \_\_\_\_\_

Submitted By \_\_\_\_\_

Byron Sample

Work Order Description

mdt-db airport/wilcox sta 11 s river dr/nw 28s,  
28(Site:mdt - earlington heights na)

Summary Estimate of Cost

Work Order Level

Project Name MET Metrorail New Service  
Work Order 08526-007-0880-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$303,642.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	<u>\$303,642.00</u>	<u>\$303,642.00</u>
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$69,447.65	
26			* Additives of Labor		
27			Transportation Expenses	\$34,444.35	
28			Material	\$87,636.69	
29			* Stores Loading	\$6,639.41	
30			Contractor & Misc. Expenses	\$935,028.00	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	<u>\$1,133,086.00</u>	<u>\$1,133,086.00</u>
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor	\$41.71	
36			* Additives of Labor		
37			Transportation Expenses	\$20.69	
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses	\$561.60	
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total	<u>\$624.00</u>	<u>\$624.00</u>
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	<u>\$1,437,362.00</u>	<u>\$1,437,362.00</u>
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		<u>\$1,437,362.00</u>
50			<b>TOTAL REMOVAL COST</b>		<u>\$0.00</u>
51			<b>SALVAGE (-) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		<u>\$0.00</u>
52			<b>SUB-TOTAL</b>		<u>\$1,437,362.00</u>
53			<b>CREDIT FROM AGREEMENT (0%)</b>		<u>\$0.00</u>
54			<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>		<u>\$1,437,362.00</u>

\* Handling, Tax & Insurance and Picking & Weigh at Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

14

Work Order Description

Summary Estimate of Cost

mdt - earlington heights tps, duct bank #1; from  
m(Site:mdt - earlington heights ne)

Work Order Level

Project Name MET Majoral New Service  
Work Order 08545-007-0880-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$6,993.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	<u>\$6,993.00</u>	<u>\$6,993.00</u>
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$1,629.97	
26			* Additives of Labor		
27			Transportation Expenses	\$808.43	
28			Material	\$1,691.30	
29			* Stores Loading	\$120.70	
30			Contractor & Misc. Expenses	\$21,945.60	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	<u>\$26,096.00</u>	<u>\$26,096.00</u>
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor		
36			* Additives of Labor		
37			Transportation Expenses		
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses		
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total		
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	<u>\$33,089.00</u>	<u>\$33,089.00</u>
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		<u>\$33,089.00</u>
50			<b>TOTAL REMOVAL COST</b>		<u>\$0.00</u>
51			<b>SALVAGE ( ) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		<u>\$0.00</u>
52			<b>SUB-TOTAL</b>		<u>\$33,089.00</u>
53			<b>CREDIT FROM AGREEMENT (0%)</b>		<u>\$0.00</u>
54			<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>		<u>\$33,089.00</u>

\* Handling, Taxes, Insurance and Pension & Welfare at Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

Work Order Description

Summary Estimate of Cost

mdl - earlington heights tps, duct bank #1; from  
nw(Site:mdl - earlington heights ne)

Work Order Level

Project Name MET Metrorail New Serv/c  
Work Order 08547-007-0880-000

Life No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$119,845.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
19			Sub-total	<u>\$119,845.00</u>	<u>\$119,845.00</u>
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$28,948.66	
26			* Additives of Labor		
27			Transportation Expenses	\$14,357.84	
28			Material	\$22,661.21	
29			* Stores Handling	\$1,718.79	
30			Contractor & Misc. Expenses	\$89,768.50	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	<u>\$457,445.00</u>	<u>\$457,445.00</u>
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor		
36			* Additives of Labor		
37			Transportation Expenses		
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses		
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total		
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	<u>\$577,290.00</u>	<u>\$577,290.00</u>
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		<u>\$577,290.00</u>
50			<b>TOTAL REMOVAL COST</b>		<u>\$0.00</u>
51			<b>SALVAGE ( ) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		<u>\$0.00</u>
52			<b>SUB-TOTAL</b>		<u>\$577,290.00</u>
53			<b>CREDIT FROM AGREEMENT (0%)</b>		<u>\$0.00</u>
54			<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>		<u>\$577,290.00</u>

\* Handling, Tax & Insurance and Pension & Welfare at Appointed Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

Work Order Description

Summary Estimate of Cost

mdt - earlington heights tps, duct bank: from  
airp(Site:mdt - earlington heights-ne)

Work Order Level

Project Name MET Metrorail New Servic  
Work Order 08581-007-0880-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$18,432.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	\$18,432.00	\$18,432.00
14			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
15			Labor		
16			* Additives of Labor		
17			Transportation Expenses		
18			Purchase and/or Easements		
19			Contractor & Misc. Expenses		
20			* Additives of Contractor & Misc. Expenses		
21			Sub-total		
22			<b>(C) CONSTRUCTION</b>		
23			Labor	\$4,439.98	
24			* Additives of Labor		
25			Transportation Expenses	\$2,202.12	
26			Material	\$2,689.47	
27			* Stores Loading	\$203.53	
28			Contractor & Misc. Expenses	\$59,778.90	
29			* Additives of Contractor & Misc. Expenses		
30			Sub-total	\$69,308.00	\$69,308.00
31			<b>(D) OTHER - MAINTENANCE</b>		
32			Labor	\$0.47	
33			* Additives of Labor		
34			Transportation Expenses	\$0.23	
35			Material		
36			* Stores Handling		
37			Contractor & Misc. Expenses	\$6.30	
38			* Additives of Contractor & Misc. Expenses		
39			Sub-total	\$7.00	\$7.00
40			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
41			Administrative & General Costs		
42			Sub-total		
43					
44					
45					
46					
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	\$87,747.00	\$87,747.00
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		\$87,747.00
50			<b>TOTAL REMOVAL COST</b>		\$0.00
51			<b>SALVAGE ( ) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		\$0.00
52			<b>SUB-TOTAL</b>		\$87,747.00
53			<b>CREDIT FROM AGREEMENT (0%)</b>		\$0.00
54			<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>		\$87,747.00

\* Handling, Tax & Insurance and Pension & Welfare at Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

17

Work Order Description

Summary Estimate of Cost

mdl - earlington heights tps, duct bank #2; nw  
27 (Site:mdl - earlington heights tp)

Work Order Level

Project Name MET Metrorail New Servc  
Work Order 05454-007-0883-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$189,884.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	<u>\$189,884.00</u>	<u>\$189,884.00</u>
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$44,345.17	
26			* Additives of Labor		
27			Transportation Expenses	\$21,994.13	
28			Material	\$66,748.76	
29			* Stores Loading	\$4,304.24	
30			Contractor & Misc. Expenses	\$597,653.70	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	<u>\$724,446.00</u>	<u>\$724,446.00</u>
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor		
36			* Additives of Labor		
37			Transportation Expenses		
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses		
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total		
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	<u>\$914,330.00</u>	<u>\$914,330.00</u>
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		<u>\$914,330.00</u>
50			<b>TOTAL REMOVAL COST</b>		<u>\$0.00</u>
51			<b>SALVAGE ( ) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		<u>\$0.00</u>
52			<b>SUB-TOTAL</b>		<u>\$914,330.00</u>
53			<b>CREDIT FROM AGREEMENT (0%)</b>		<u>\$0.00</u>
54			<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>		<u>\$914,330.00</u>

\* Handling, Tax & Insurance and Pension & Welfare at Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

Work Order Description

Summary Estimate of Cost

mdl-market db nw34 s/21a - 25a, 25a/34s-38s,  
38s/2(Site:mdl - earlington heights tp)

Work Order Level

Project Name MET Metrorail New Service  
Work-Order 05473-007-0883-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			(A) ENGINEERING		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10		\$1,108.00	Applied Engineering	\$306,690.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13		<u>\$1,108.00</u>	Sub-total	<u>\$306,690.00</u>	<u>\$307,798.00</u>
14					
15			(B) LAND & LAND RIGHTS (RIGHT OF WAY)		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			(C) CONSTRUCTION		
25		\$269.06	Labor	\$74,465.44	
26			* Additives of Labor		
27		\$133.44	Transportation Expenses	\$36,933.06	
28			Material	\$62,295.96	
29			* Stores Loading	\$4,718.14	
30		\$3,622.50	Contractor & Misc. Expenses	\$1,002,586.50	
31			* Additives of Contractor & Misc. Expenses		
32		<u>\$4,025.00</u>	Sub-total	<u>\$1,180,909.00</u>	<u>\$1,184,934.00</u>
33					
34			(D) OTHER - MAINTENANCE		
35			Labor		
36			* Additives of Labor		
37			Transportation Expenses		
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses		
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total		
43					
44			(E) ADMINISTRATIVE & GENERAL COSTS		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$5,133.00	<b>GRAND TOTAL</b>	<b>\$1,487,599.00</b>	<b>\$1,492,732.00</b>
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		<b>\$1,487,599.00</b>
50			<b>TOTAL REMOVAL COST</b>		<b>\$5,133.00</b>
51			<b>SALVAGE () LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		<b>\$0.00</b>
52			<b>SUB-TOTAL</b>		<b>\$1,492,732.00</b>
53			<b>CREDIT FROM AGREEMENT (0%)</b>		<b>\$0.00</b>
54			<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>		<b>\$1,492,732.00</b>

\* Handling, Tax, Insurance and Pension & Welfare at Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

19

Work Order Description

Summary Estimate of Cost

mdt - db nw 33 st-14 to 18 ave - 18 a from 33 to (Site:mdt - earlington heights tp)

Work Order Level

Project Name MET Metrorail New Service  
Work Order 05482-007-0883-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			(A) ENGINEERING		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$299,527.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	\$299,527.00	\$299,527.00
14					
15			(B) LAND & LAND RIGHTS (RIGHT OF WAY)		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			(C) CONSTRUCTION		
25			Labor	\$70,787.17	
26			* Additives of Labor		
27			Transportation Expenses	\$85,108.73	
28			Material	\$73,688.90	
29			* Stores Loading	\$5,589.10	
30			Contractor & Misc. Expenses	\$63,063.10	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	\$1,136,237.00	\$1,136,237.00
33					
34			(D) OTHER - MAINTENANCE		
35			Labor		
36			* Additives of Labor		
37			Transportation Expenses		
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses		
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total		
43					
44			(E) ADMINISTRATIVE & GENERAL COSTS		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	GRAND TOTAL	\$1,437,764.00	\$1,437,764.00
49			TOTAL INSTALLATION AND MAINTENANCE COST		\$1,437,764.00
50			TOTAL REMOVAL COST		\$0.00
51			SALVAGE ( ) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)		\$0.00
52			SUB-TOTAL		\$1,437,764.00
53			CREDIT FROM AGREEMENT (0%)		\$0.00
54			NET REPLACEMENT COST (Sum lines 52 and 53)		\$1,437,764.00

\* Handling, Tax & Insurance and Pension & Welfare of Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

Work Order Description

Summary Estimate of Cost

mdl - earlington heights tps, duct from mdl  
 statio(Site:mdl - earlington heights tp)

Work-Order Level

Project Name MET Metrorail New Servic  
 Work Order 05536-007-0883-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$11,721.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	<u>\$11,721.00</u>	<u>\$11,721.00</u>
14					
16			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$2,792.89	
26			* Additives of Labor		
27			Transportation Expenses	\$1,385.21	
28			Material	\$1,987.27	
29			* Stores Loading	\$150.73	
30			Contractor & Misc. Expenses	\$37,602.90	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	<u>\$43,919.00</u>	<u>\$43,919.00</u>
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor		
36			* Additives of Labor		
37			Transportation Expenses		
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses		
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total		
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	<u>\$55,640.00</u>	<u>\$55,640.00</u>
49	<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>				<u>\$55,640.00</u>
50	<b>TOTAL REMOVAL COST</b>				<u>\$0.00</u>
51	<b>SALVAGE (0) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>				<u>\$0.00</u>
52	<b>SUB-TOTAL</b>				<u>\$55,640.00</u>
53	<b>CREDIT FROM AGREEMENT (0%)</b>				<u>\$0.00</u>
54	<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>				<u>\$55,640.00</u>

\* Handling, Tax & Insurance and Pension & Welfare at Approved Rates.

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

21

Work Order Description

Summary Estimate of Cost

mid-db; fronton nw 38s/35a-31a, 31a/38s-40 s,  
40 s(Site:mid - earlington heights ne)

Work Order Level

Project Name MET Metrorail New Servic  
Work Order 08528-007-0880-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$350,686.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	<u>\$350,686.00</u>	<u>\$350,686.00</u>
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$81,575.78	
26			* Additives of Labor		
27			Transportation Expenses	\$40,459.62	
28			Material	\$91,646.84	
29			* Stores Loading	\$8,951.16	
30			Contractor & Misc. Expenses	\$1,098,318.60	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	<u>\$1,318,952.00</u>	<u>\$1,318,952.00</u>
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor	\$67.16	
36			* Additives of Labor		
37			Transportation Expenses	\$28.35	
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses	\$769.60	
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total	<u>\$855.00</u>	<u>\$855.00</u>
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	<u>\$1,670,493.00</u>	<u>\$1,670,493.00</u>
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		<u>\$1,670,493.00</u>
50			<b>TOTAL REMOVAL COST</b>		<u>\$0.00</u>
51			<b>SALVAGE ( ) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		<u>\$0.00</u>
52			<b>SUB-TOTAL</b>		<u>\$1,670,493.00</u>
53			<b>CREDIT FROM AGREEMENT (0%)</b>		<u>\$0.00</u>
54			<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>		<u>\$1,670,493.00</u>

\* Handling, Tax & Insurance and Pension & Welfare of Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

22

Work Order Description

Summary Estimate of Cost

mdt- db; fronton sub/nw 38 a/36 s, 36 s from  
38 a (Site:mdt - eastington heights ne)

Work Order Level

Project Name MET Metrorail New Servic  
Work Order 08552-007-0880-000

Line No.	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$252,825.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	\$252,825.00	\$252,825.00
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$60,650.04	
26			* Additives of Labor		
27			Transportation Expenses	\$30,081.66	
28			Material	\$62,296.95	
29			* Stores Loading	\$4,785.05	
30			Contractor & Misc. Expenses	\$815,232.00	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	\$972,836.00	\$972,836.00
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor	\$279.82	
36			* Additives of Labor		
37			Transportation Expenses	\$138.78	
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses	\$3,767.40	
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total	\$4,186.00	\$4,186.00
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	\$1,229,847.00	\$1,229,847.00
49	<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>				\$1,229,847.00
50	<b>TOTAL REMOVAL COST</b>				\$0.00
51	<b>SALVAGE ( ) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>				\$0.00
52	<b>SUB-TOTAL</b>				\$1,229,847.00
53	<b>CREDIT FROM AGREEMENT (0%)</b>				\$0.00
54	<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>				\$1,229,847.00

\* Handling, Tax & Insurance and Pension & Welfare at Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

Work Order Description

Summary Estimate of Cost

mdt - earlington heights tps, duct bank from  
mdt s(Site:mdt - earlington heights ne)

Work Order Level

Project Name MET Metrorail New Servic  
Work Order 08567-007-0880-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$3,893.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	\$3,893.00	\$3,893.00
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$914.39	
26			* Additives of Labor		
27			Transportation Expenses	\$453.51	
28			Material	\$687.83	
29			* Stores Loading	\$52.17	
30			Contractor & Misc. Expenses	\$12,311.10	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	\$14,419.00	\$14,419.00
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor		
36			* Additives of Labor		
37			Transportation Expenses		
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses		
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total		
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	\$18,312.00	\$18,312.00
49	<b>TOTAL INSTALLATION AND MAINTENANCE COST:</b>				\$18,312.00
50	<b>TOTAL REMOVAL COST</b>				\$0.00
51	<b>SALVAGE ( ) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>				\$0.00
52	<b>SUB-TOTAL</b>				\$18,312.00
53	<b>CREDIT FROM AGREEMENT (0%)</b>				\$0.00
54	<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>				\$18,312.00

\* Funding, Taxes, Insurance and Pension & Welfare at Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

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Work Order Description

Summary Estimate of Cost

mdt - db; Ironton sub/rw 38 a/36 s, to first mh  
ou(Site:mdt - earlington heights ne)

Work Order Level

Project Name MET Metrorail New Servic  
Work Order 08565-007-0880-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$2,686.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	<u>\$2,686.00</u>	<u>\$2,686.00</u>
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$813.68	
26			* Additives of Labor		
27			Transportation Expenses	\$304.32	
28			Material	\$758.47	
29			* Stores Loading	\$67.53	
30			Contractor & Misc. Expenses	\$8,261.10	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	<u>\$9,995.00</u>	<u>\$9,995.00</u>
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor		
36			* Additives of Labor		
37			Transportation Expenses		
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses		
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total		
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	<u>\$12,681.00</u>	<u>\$12,681.00</u>
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		<u>\$12,681.00</u>
50			<b>TOTAL REMOVAL COST</b>		<u>\$0.00</u>
51			<b>SALVAGE (J) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		<u>\$0.00</u>
52			<b>SUB-TOTAL</b>		<u>\$12,681.00</u>
53			<b>CREDIT FROM AGREEMENT (0%)</b>		<u>\$0.00</u>
54			<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>		<u>\$12,681.00</u>

\* Handling, Tax & Insurance and Pension & Welfare at Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

Work Order Description

Summary Estimate of Cost

mdt - db - nw 24av fm nw 54st to nw 68 st  
(front of Site: mdt - earlington heights tp)

Work Order Level

Project Name MET Melroral New Servc  
Work Order 05481-007-0883-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			(A) ENGINEERING		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$349,701.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	\$349,701.00	\$349,701.00
14					
15			(B) LAND & LAND RIGHTS (RIGHT OF WAY)		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			(C) CONSTRUCTION		
25			Labor	\$82,088.49	
26			* Additives of Labor		
27			Transportation Expenses	\$40,713.91	
28			Material	\$72,773.94	
29			* Stores Loading	\$5,519.66	
30			Contractor & Misc. Expenses	\$1,105,221.60	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	\$1,306,317.00	\$1,306,317.00
33					
34			(D) OTHER - MAINTENANCE		
35			Labor		
36			* Additives of Labor		
37			Transportation Expenses		
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses		
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total		
43					
44			(E) ADMINISTRATIVE & GENERAL COSTS		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	GRAND TOTAL	\$1,656,018.00	\$1,656,018.00
49			TOTAL INSTALLATION AND MAINTENANCE COST		\$1,656,018.00
50			TOTAL REMOVAL COST		\$0.00
51			SALVAGE ( ) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)		\$0.00
52			SUB-TOTAL		\$1,656,018.00
53			CREDIT FROM AGREEMENT (0%)		\$0.00
54			NET REPLACEMENT COST (Sum lines 52 and 53)		\$1,656,018.00

\* Handling, Tax & Insurance and Pension & Welfare at Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

Work Order Description

mdt - earlington heights tps, duct bank nw 24 av (Site:mdt - earlington heights tp)

Summary Estimate of Cost

Work Order Level

Project Name MET Metrorail New Service  
Work Order 05503-007-0883-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$265,298.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	<u>\$265,298.00</u>	<u>\$265,298.00</u>
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$61,702.74	
26			* Additives of Labor		
27			Transportation Expenses	\$30,603.06	
28			Material	\$63,232.96	
29			* Stores Loading	\$4,796.04	
30			Contractor & Misc. Expenses	\$60,752.20	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	<u>\$991,087.00</u>	<u>\$991,087.00</u>
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor		
36			* Additives of Labor		
37			Transportation Expenses		
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses		
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total		
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	<u>\$1,256,385.00</u>	<u>\$1,256,385.00</u>
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		<u>\$1,256,385.00</u>
50			<b>TOTAL REMOVAL COST</b>		<u>\$0.00</u>
51			<b>SALVAGE ( ) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		<u>\$0.00</u>
52			<b>SUB-TOTAL</b>		<u>\$1,256,385.00</u>
53			<b>CREDIT FROM AGREEMENT (0%)</b>		<u>\$0.00</u>
54			<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>		<u>\$1,256,385.00</u>

\* Handling, Tax & Insurance and Pension & Welfare at Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

Work Order Description

Summary Estimate of Cost

mdl - earlington heights tps, duct bank;  
gladewiew(Site:mdl - earlington heights tp)

Work Order Level

Project Name MET Metrorail New Servic  
Work Order 05545-007-0883-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$8,961.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	<u>\$8,961.00</u>	<u>\$8,961.00</u>
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$2,130.58	
26			* Additives of Labor		
27			Transportation Expenses	\$1,056.72	
28			Material	\$1,215.79	
29			* Stores Loading	\$92.21	
30			Contractor & Misc. Expenses	\$28,685.70	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	<u>\$33,181.00</u>	<u>\$33,181.00</u>
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor		
36			* Additives of Labor		
37			Transportation Expenses		
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses		
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total		
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	<u>\$42,142.00</u>	<u>\$42,142.00</u>
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		<u>\$42,142.00</u>
50			<b>TOTAL REMOVAL COST</b>		<u>\$0.00</u>
51			<b>SALVAGE (J) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		<u>\$0.00</u>
52			<b>SUB-TOTAL</b>		<u>\$42,142.00</u>
53			<b>CREDIT FROM AGREEMENT (0%)</b>		<u>\$0.00</u>
54			<b>NET REPLACEMENT COST (Sum Lines 52 and 53)</b>		<u>\$42,142.00</u>

\* Handling, Tax & Insurance and Pension & Welfare at Approved Rates.

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

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Work Order Description

Summary Estimate of Cost

mdt - earlington heights lps, cable; from mto/eh  
(Site:mdt - earlington heights ne)

Work Order Level

Project Name MET Metrorail New Servic

Work Order 08575-007-0880-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$6,756.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	\$6,756.00	\$6,756.00
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$541.52	
26			* Additives of Labor		
27			Transportation Expenses	\$268.58	
28			Material	\$16,261.60	
29			* Stores Handling	\$1,233.40	
30			Contractor & Misc. Expenses	\$7,290.90	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	\$25,596.00	\$25,596.00
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor	\$79.41	
36			* Additives of Labor		
37			Transportation Expenses	\$39.39	
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses	\$1,069.20	
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total	\$1,188.00	\$1,188.00
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	\$33,540.00	\$33,540.00
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		\$33,540.00
50			<b>TOTAL REMOVAL COST</b>		\$0.00
51			<b>SALVAGE ( ) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		\$0.00
52			<b>SUB-TOTAL</b>		\$33,540.00
53			<b>CREDIT FROM AGREEMENT (0%)</b>		\$0.00
54			<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>		\$33,540.00

\* Handling, Tax & Insurance and Pension & Welfare at Approved Rates.

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

Work Order Description

Summary Estimate of Cost

mdt - earlington heights tps, duct bank; from wilc(Site:mdt - earlington heights ne)

Work Order Level

Project Name MET Metrorail New Service  
Work Order 08562-007-0880-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			(A) ENGINEERING		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$8,854.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	\$8,854.00	\$8,854.00
14					
15			(B) LAND & LAND RIGHTS (RIGHT OF WAY)		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			(C) CONSTRUCTION		
25			Labor	\$2,143.85	
26			* Additives of Labor		
27			Transportation Expenses	\$1,063.05	
28			Material	\$843.89	
29			* Stores Loading	\$84.01	
30			Contractor & Misc. Expenses	\$28,857.60	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	\$32,972.00	\$32,972.00
33					
34			(D) OTHER - MAINTENANCE		
35			Labor		
36			* Additives of Labor		
37			Transportation Expenses		
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses		
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total		
43					
44			(E) ADMINISTRATIVE & GENERAL COSTS		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	GRAND TOTAL	\$41,826.00	\$41,826.00
49			TOTAL INSTALLATION AND MAINTENANCE COST		\$41,826.00
50			TOTAL REMOVAL COST		\$0.00
51			SALVAGE (-) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)		\$0.00
52			SUB-TOTAL		\$41,826.00
53			CREDIT FROM AGREEMENT (0%)		\$0.00
54			NET REPLACEMENT COST (Sum lines 52 and 53)		\$41,826.00

\* Handling, Tax & Insurance and Benefit & Welfare at Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

Work Order Description

Summary Estimate of Cost

mdt - cbl - nw 24av lm nw 54st to nw 66 st  
(front (Site:mdt - earlington heights tp)

Work Order Level

Project Name MET Metrorail New Servc  
Work Order 05541-007-0883-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$29,236.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	<u>\$29,236.00</u>	<u>\$29,236.00</u>
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$2,299.97	
26			* Additives of Labor		
27			Transportation Expenses	\$1,140.73	
28			Material	\$71,169.09	
29			* Stores Loading	\$5,997.97	
30			Contractor & Misc. Expenses	\$30,966.30	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	<u>\$110,974.00</u>	<u>\$110,974.00</u>
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor	\$473.74	
36			* Additives of Labor		
37			Transportation Expenses	\$284.96	
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses	\$6,375.30	
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total	<u>\$7,087.00</u>	<u>\$7,087.00</u>
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	<u>\$147,297.00</u>	<u>\$147,297.00</u>
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		<u>\$147,297.00</u>
50			<b>TOTAL REMOVAL COST</b>		<u>\$0.00</u>
51			<b>SALVAGE (J) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		<u>\$0.00</u>
52			<b>SUB-TOTAL</b>		<u>\$147,297.00</u>
53			<b>CREDIT FROM AGREEMENT (0%)</b>		<u>\$0.00</u>
54			<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>		<u>\$147,297.00</u>

\* Handling, Tax & Insurance and Pension & Welfare at Approved Rates.

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

Work Order Description

Summary Estimate of Cost

mdt - cbl; from airport to s river dr, sta 11  
(Site:mdt - earlington heights ne)

Work Order Level

Project Name MET Metrorail New Servic  
Work Order 08544-007-0880-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$25,699.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	\$25,699.00	\$25,699.00
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$2,601.24	
26			* Additives of Labor		
27			Transportation Expenses	\$1,240.66	
28			Material	\$55,470.70	
29			* Stores Loading	\$4,207.80	
30			Contractor & Misc. Expenses	\$33,676.20	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	\$97,096.00	\$97,096.00
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor	\$106.85	
36			* Additives of Labor		
37			Transportation Expenses	\$53.05	
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses	\$1,440.00	
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total	\$1,600.00	\$1,600.00
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	\$124,395.00	\$124,395.00
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		\$124,395.00
50			<b>TOTAL REMOVAL COST</b>		\$0.00
51			<b>SALVAGE ( ) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		\$0.00
52			<b>SUB-TOTAL</b>		\$124,395.00
53			<b>CREDIT FROM AGREEMENT (0%)</b>		\$0.00
54			<b>NET REPLACEMENT COST (Sum Lines 52 and 53)</b>		\$124,395.00

\* Handling, Tax & Insurance and Pension & Welfare at Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

Work Order Description

Summary Estimate of Cost

mdt-cbl airport/wilcox sta 11s river dr/nw 28s,  
28(Site:mdt - earlington heights ne)

Work Order Level

Project Name MET Metrorail New Service  
Work Order 08560-007-0880-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$33,663.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	\$33,663.00	\$33,663.00
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$2,541.48	
26			* Additives of Labor		
27			Transportation Expenses	\$1,260.52	
28			Material	\$83,335.25	
29			* Stores Handling	\$5,320.75	
30			Contractor & Misc. Expenses	\$34,218.00	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	\$127,676.00	\$127,676.00
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor	\$327.68	
36			* Additives of Labor		
37			Transportation Expenses	\$162.52	
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses	\$4,411.80	
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total	\$4,902.00	\$4,902.00
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	\$166,241.00	\$166,241.00
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		\$166,241.00
50			<b>TOTAL REMOVAL COST</b>		\$0.00
51			<b>SALVAGE ( ) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		\$0.00
52			<b>SUB-TOTAL</b>		\$166,241.00
53			<b>CREDIT FROM AGREEMENT (0%)</b>		\$0.00
54			<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>		\$166,241.00

\* Handling, Taxes, Insurance and Permit & Welfare at Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

Work Order Description

Summary Estimate of Cost

midt - earlington heights tps, cable ; from  
airport(Site:midt - earlington heights ne)

Work Order Level

Project Name MET Metrorail New Servic  
Work-Order 08577-007-0880-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$2,474.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	\$2,474.00	\$2,474.00
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$360.23	
26			* Additives of Labor		
27			Transportation Expenses	\$178.67	
28			Material	\$3,606.46	
29			* Stores Loading	\$273.54	
30			Contractor & Misc. Expenses	\$4,850.10	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	\$9,269.00	\$9,269.00
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor	\$55.96	
36			* Additives of Labor		
37			Transportation Expenses	\$27.76	
38			Material	\$33.46	
39			* Stores Handling	\$2.54	
40			Contractor & Misc. Expenses	\$753.50	
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total	\$873.00	\$873.00
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	<b>\$12,616.00</b>	<b>\$12,616.00</b>
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		<b>\$12,616.00</b>
50			<b>TOTAL REMOVAL COST</b>		<b>\$0.00</b>
51			<b>SALVAGE ( ) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		<b>\$0.00</b>
52			<b>SUB-TOTAL</b>		<b>\$12,616.00</b>
53			<b>CREDIT FROM AGREEMENT (0%)</b>		<b>\$0.00</b>
54			<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>		<b>\$12,616.00</b>

\* Handling, Tax & Insurance and Pension & Welfare at Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

Work Order Description

Summary Estimate of Cost

mdt - earlington heights tps, cable #2; nw 27 av  
 (Site:mdt - earlington heights.tp)

Work Order Level

Project Name MET Metrorail New Servic  
 Work Order 05455-007-0883-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			(A) ENGINEERING		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$26,371.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	\$26,371.00	\$26,371.00
14					
15			(B) LAND & LAND RIGHTS (RIGHT OF WAY)		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			(C) CONSTRUCTION		
25			Labor	\$3,343.44	
26			* Additives of Labor		
27			Transportation Expenses	\$1,658.26	
28			Material	\$45,304.76	
29			* Stores Loading	\$3,436.24	
30			Contractor & Misc. Expenses	\$45,015.30	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	\$98,758.00	\$98,758.00
33					
34			(D) OTHER - MAINTENANCE		
35			Labor	\$204.75	
36			* Additives of Labor		
37			Transportation Expenses	\$101.55	
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses	\$2,756.70	
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total	\$3,063.00	\$3,063.00
43					
44			(E) ADMINISTRATIVE & GENERAL COSTS		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	GRAND TOTAL	\$128,192.00	\$128,192.00
49			TOTAL INSTALLATION AND MAINTENANCE COST		\$128,192.00
50			TOTAL REMOVAL COST		\$0.00
51			SALVAGE (LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED))		\$0.00
52			SUB-TOTAL		\$128,192.00
53			CREDIT FROM AGREEMENT (0%)		\$0.00
54			NET REPLACEMENT COST (Sum lines 52 and 53)		\$128,192.00

\* Handling, Tax & Insurance and Pension & Welfare at Approp. Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

Work Order Description

Summary Estimate of Cost

mdt-market cbl nw34 s/21a - 25a, 25a/34s-38s, 38s(Site:mdt - earlington heights.tp)

Work Order Level

Project Name MET Metrorail New Servic  
Work Order 05471-007-0883-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$30,788.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	<u>\$30,788.00</u>	<u>\$30,788.00</u>
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$2,950.32	
26			* Additives of Labor		
27			Transportation Expenses	\$1,463.28	
28			Material	\$66,975.12	
29			* Stores Loading	\$5,079.88	
30			Contractor & Misc. Expenses	\$39,722.40	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	<u>\$116,191.00</u>	<u>\$116,191.00</u>
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor	\$131.89	
36			* Additives of Labor		
37			Transportation Expenses	\$65.41	
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses	\$1,775.70	
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total	<u>\$1,973.00</u>	<u>\$1,973.00</u>
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	<u>\$148,952.00</u>	<u>\$148,952.00</u>
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		<u>\$148,952.00</u>
50			<b>TOTAL REMOVAL COST</b>		<u>\$0.00</u>
51			<b>SALVAGE (LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED))</b>		<u>\$0.00</u>
52			<b>SUB-TOTAL</b>		<u>\$148,952.00</u>
53			<b>CREDIT FROM AGREEMENT (0%)</b>		<u>\$0.00</u>
54			<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>		<u>\$148,952.00</u>

\* Handling, Tax & Insurance and Pension & Welfare at Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

Work Order Description

Summary Estimate of Cost

mdl - cbl nw34 s/21a - 25a, 25a/34s-38s,  
38s/25a-2(Site:mdl - earlington heights tp)

Work Order Level

Project Name MET Metrorail New Servic  
Work Order 05474-007-0883-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$30,816.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	<u>\$30,816.00</u>	<u>\$30,816.00</u>
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$2,986.61	
26			* Additives of Labor		
27			Transportation Expenses	\$1,481.29	
28			Material	\$66,536.40	
29			* Stores Loading	\$5,016.60	
30			Contractor & Misc. Expenses	\$40,211.10	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	<u>\$116,262.00</u>	<u>\$116,262.00</u>
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor		
36			* Additives of Labor		
37			Transportation Expenses		
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses		
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total		
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	<b>\$147,078.00</b>	<b>\$147,078.00</b>
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		<b>\$147,078.00</b>
50			<b>TOTAL REMOVAL COST</b>		<b>\$0.00</b>
51			<b>SALVAGE ( ) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		<b>\$0.00</b>
52			<b>SUB-TOTAL</b>		<b>\$147,078.00</b>
53			<b>CREDIT FROM AGREEMENT (0%)</b>		<b>\$0.00</b>
54			<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>		<b>\$147,078.00</b>

\* Handling, Tax & Insurance and Pension & Welfare at Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

Work Order Description

Summary Estimate of Cost

mdt - cbl nvr 33 st-14 to 18 ave - 18 a from 33 to (Site:mdt - earlington heights tp)

Work Order Level

Project Name MET Metrorail New Service  
Work-Order 05483-007-0883-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$30,257.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	\$30,257.00	\$30,257.00
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$2,944.50	
26			* Additives of Labor		
27			Transportation Expenses	\$1,460.40	
28			Material	\$65,152.37	
29			* Stores Loading	\$4,941.63	
30			Contractor & Misc. Expenses	\$39,644.10	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	\$114,143.00	\$114,143.00
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor	\$181.95	
36			* Additives of Labor		
37			Transportation Expenses	\$65.45	
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses	\$1,776.60	
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total	\$1,974.00	\$1,974.00
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	\$146,374.00	\$146,374.00
49	<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>				\$146,374.00
50	<b>TOTAL REMOVAL COST</b>				\$0.00
51	<b>SALVAGE ( ) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>				\$0.00
52	<b>SUB-TOTAL</b>				\$146,374.00
53	<b>CREDIT FROM AGREEMENT (0%)</b>				\$0.00
54	<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>				\$146,374.00

\* Handling, Tax & Insurance and Pension & Welfare at Applicable Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

Work Order Description

Summary Estimate of Cost

mdt - earlington heights tps; cable from mdt  
stat(Site:mdt - earlington heights.tp)

Work Order Level

Project Name MET Metrorail New Servic  
Work Order 05535-007-0888-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$4,929.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	\$4,929.00	\$4,929.00
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$673.94	
26			* Additives of Labor		
27			Transportation Expenses	\$394.26	
28			Material	\$7,744.59	
29			* Stores Loading	\$597.41	
30			Contractor & Misc. Expenses	\$9,073.80	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	\$18,414.00	\$18,414.00
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor	\$40.98	
36			* Additives of Labor		
37			Transportation Expenses	\$20.32	
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses	\$561.70	
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total	\$613.00	\$613.00
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	\$23,956.00	\$23,956.00
49	<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>				\$23,956.00
50	<b>TOTAL REMOVAL COST</b>				\$0.00
51	<b>SALVAGE ( ) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>				\$0.00
52	<b>SUB-TOTAL</b>				\$23,956.00
53	<b>CREDIT FROM AGREEMENT (0%)</b>				\$0.00
54	<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>				\$23,956.00

\* Handling, Tax & Insurance and Pension & Welfare at Approved Rates.

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

Work Order Description

Summary Estimate of Cost

mdt-ob; fronton nw 38s/35a-31a, 31a/38s-40 s,  
40 (Site:mdt -earlington heights ne)

Work Order Level

Project Name MET Metrorail New Servic  
Work Order 08582-007-0880-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$61,879.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	<u>\$61,879.00</u>	<u>\$61,879.00</u>
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$4,993.86	
26			* Additives of Labor		
27			Transportation Expenses	\$2,476.84	
28			Material	\$148,522.95	
29			* Stores Loading	\$11,265.05	
30			Contractor & Misc. Expenses	\$67,236.30	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	<u>\$234,495.00</u>	<u>\$234,495.00</u>
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor	\$107.09	
36			* Additives of Labor		
37			Transportation Expenses	\$53.11	
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses	\$1,441.60	
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total	<u>\$1,602.00</u>	<u>\$1,602.00</u>
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	<b>\$297,976.00</b>	<b>\$297,976.00</b>
49	<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>				<b>\$297,976.00</b>
50	<b>TOTAL REMOVAL COST</b>				<b>\$0.00</b>
51	<b>SALVAGE (LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED))</b>				<b>\$0.00</b>
52	<b>SUB-TOTAL</b>				<b>\$297,976.00</b>
53	<b>CREDIT FROM AGREEMENT (0%)</b>				<b>\$0.00</b>
54	<b>NET REPLACEMENT COST (Sum Lines 52 and 53)</b>				<b>\$297,976.00</b>

\* Handling, Tax & Insurance and Pension & Welfare of Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

Work Order Description

Summary Estimate of Cost

rndt-cbl; fronton sub/nw 38 a/36 s, 36 s from 38 a (Site:rndt - earlington heights ne)

Work Order Level

Project Name MET Metrorail New Servc  
Work-Order 08557-007-0880-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$27,964.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	\$27,964.00	\$27,964.00
14			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23			<b>(C) CONSTRUCTION</b>		
25			Labor	\$2,850.45	
26			* Additives of Labor		
27			Transportation Expenses	\$1,413.75	
28			Material	\$58,807.63	
29			* Stores Loading	\$4,422.47	
30			Contractor & Misc. Expenses	\$38,877.80	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	\$105,372.00	\$105,372.00
33			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor	\$297.46	
36			* Additives of Labor		
37			Transportation Expenses	\$147.54	
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses	\$4,505.00	
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total	\$4,450.00	\$4,450.00
43			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	\$137,786.00	\$137,786.00
49	<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>				\$137,786.00
50	<b>TOTAL REMOVAL COST</b>				\$0.00
61	<b>SALVAGE (1) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>				\$0.00
62	<b>SUB-TOTAL</b>				\$137,786.00
63	<b>CREDIT FROM AGREEMENT (0%)</b>				\$0.00
64	<b>NET REPLACEMENT COST (Sum lines 62 and 63)</b>				\$137,786.00

\* Handling, Tax & Insurance and Pension & Welfare at Appointed Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

44

Work Order Description

Summary Estimate of Cost

mdt - earlington heights tps, cable from mdt  
stall(Site:mdt - earlington heights ne)

Work Order Level

Project Name MET Metrorail New Servic  
Work Order 08579-007-0890-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$7,138.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	<u>\$7,138.00</u>	<u>\$7,138.00</u>
14					
16			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$568.19	
26			* Additives of Labor		
27			Transportation Expenses	\$281.81	
28			Material	\$17,286.84	
29			* Stores Loading	\$1,911.16	
30			Contractor & Misc. Expenses	\$7,650.00	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	<u>\$27,098.00</u>	<u>\$27,098.00</u>
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor	\$55.15	
36			* Additives of Labor		
37			Transportation Expenses	\$27.95	
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses	\$742.50	
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total	<u>\$825.00</u>	<u>\$825.00</u>
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	<u>\$35,061.00</u>	<u>\$35,061.00</u>
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		<u>\$35,061.00</u>
50			<b>TOTAL REMOVAL COST</b>		<u>\$0.00</u>
51			<b>SALVAGE (1) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		<u>\$0.00</u>
52			<b>SUB-TOTAL</b>		<u>\$35,061.00</u>
53			<b>CREDIT FROM AGREEMENT (0%)</b>		<u>\$0.00</u>
54			<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>		<u>\$35,061.00</u>

\* Handling, Tax & Insurance and Pension & Welfare at Approped Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

Work Order Description

Summary Estimate of Cost

rndt-obl; fronton sub/nw 38 a/36 e, to first mh  
ou(Site:rndt - earlington helghls ne)

Work Order Level

Project Name MET Metrorail New Servic  
Work Order 08566-007-0880-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$2,403.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	\$2,403.00	\$2,403.00
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$401.34	
26			* Additives of Labor		
27			Transportation Expenses	\$199.06	
28			Material	\$2,744.81	
29			* Stores Loading	\$208.19	
30			Contractor & Misc. Expenses	\$5,493.60	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	\$8,957.00	\$8,957.00
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor	\$56.85	
36			* Additives of Labor		
37			Transportation Expenses	\$27.76	
38			Material	\$33.46	
39			* Stores Handling	\$2.54	
40			Contractor & Misc. Expenses	\$733.30	
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total	\$873.00	\$873.00
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	\$12,233.00	\$12,233.00
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		\$12,233.00
50			<b>TOTAL REMOVAL COST</b>		\$0.00
51			<b>SALVAGE (J) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		\$0.00
52			<b>SUB-TOTAL</b>		\$12,233.00
53			<b>CREDIT FROM AGREEMENT (0%)</b>		\$0.00
54			<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>		\$12,233.00

\* Handling, Tax & Insurance and Register & Warrants at Applicable Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

43

Work Order Description

Summary Estimate of Cost

mdl - earlington heights tps, cable - nw 24 av  
 fm(Site:mdl - earlington heights tp)

Work Order Level

Project Name MET Metrorail New Servic  
 Work Order 05504-007-0883-000

Line No.	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$24,841.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	\$24,841.00	\$24,841.00
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$1,943.08	
26			* Additives of Labor		
27			Transportation Expenses	\$963.72	
28			Material	\$60,497.44	
29			* Stores Loading	\$4,588.66	
30			Contractor & Misc. Expenses	\$26,161.20	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	\$94,154.00	\$94,154.00
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor	\$245.79	
36			* Additives of Labor		
37			Transportation Expenses	\$124.91	
38			Material		
39			* Stores Handling		
40			Contractor & Misc. Expenses	\$8,909.80	
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total	\$3,677.00	\$3,677.00
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	\$122,672.00	\$122,672.00
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		\$122,672.00
50			<b>TOTAL REMOVAL COST</b>		\$0.00
51			<b>SALVAGE 0 LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		\$0.00
52			<b>SUB-TOTAL</b>		\$122,672.00
53			<b>CREDIT FROM AGREEMENT (0%)</b>		\$0.00
54			<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>		\$122,672.00

\* Handling, Tax & Insurance and Pension & Welfare at Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

44

Work Order Description

Summary Estimate of Cost

mdt - earlington heights tps, cable; from gladevie (Site: mdt - earlington heights tp)

Work Order Level

Project Name MET Metrorail New Service  
Work Order 05546-007-0883-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$3,955.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	<u>\$3,955.00</u>	<u>\$3,955.00</u>
14					
16			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$691.72	
26			* Additives of Labor		
27			Transportation Expenses	\$283.48	
28			Material	\$5,505.43	
29			* Stores Loading	\$417.57	
30			Contractor & Misc. Expenses	\$7,966.80	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	<u>\$14,775.00</u>	<u>\$14,775.00</u>
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor	\$136.10	
36			* Additives of Labor		
37			Transportation Expenses	\$67.50	
38			Material	\$32.63	
39			* Stores Handling	\$2.47	
40			Contractor & Misc. Expenses	\$1,832.40	
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total	<u>\$2,071.00</u>	<u>\$2,071.00</u>
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	<u>\$20,801.00</u>	<u>\$20,801.00</u>
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		<u>\$20,801.00</u>
50			<b>TOTAL REMOVAL COST</b>		<u>\$0.00</u>
51			<b>SALVAGE (0) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		<u>\$0.00</u>
52			<b>SUB-TOTAL</b>		<u>\$20,801.00</u>
53			<b>CREDIT FROM AGREEMENT (0%)</b>		<u>\$0.00</u>
54			<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>		<u>\$20,801.00</u>

\* Handling, Tax & Insurance and Pension & Welfare At Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

45

Work Order Description

Summary Estimate of Cost

mdt - earlington heights tps, cable ; from wilcox  
(Site:mdf - earlington heights ne)

Work Order Level

Project Name MET Metrorail New Servic  
Work Order 08578-007-0860-000

Line No.	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$2,208.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	<u>\$2,208.00</u>	<u>\$2,208.00</u>
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$297.67	
26			* Additives of Labor		
27			Transportation Expenses	\$147.63	
28			Material	\$3,690.24	
29			* Stores Loading	\$267.76	
30			Contractor & Misc. Expenses	\$4,007.70	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	<u>\$8,251.00</u>	<u>\$8,251.00</u>
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor	\$40.44	
36			* Additives of Labor		
37			Transportation Expenses	\$20.06	
38			Material	\$93.46	
39			* Stores Handling	\$2.54	
40			Contractor & Misc. Expenses	\$544.50	
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total	<u>\$641.00</u>	<u>\$641.00</u>
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	<b>\$11,100.00</b>	<b>\$11,100.00</b>
49	<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>				<b>\$11,100.00</b>
50	<b>TOTAL REMOVAL COST</b>				<b>\$0.00</b>
51	<b>SALVAGE () LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>				<b>\$0.00</b>
52	<b>SUB-TOTAL</b>				<b>\$11,100.00</b>
53	<b>CREDIT FROM AGREEMENT (0%)</b>				<b>\$0.00</b>
54	<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>				<b>\$11,100.00</b>

\* Handling, Tax/Insurance and Pension & Welfare at Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

Work Order Description

Summary Estimate of Cost

mdt - earlington heights mto/tps, vault nw 25 st  
&(Site:mdt - earlington heights ne)

Work Order Level

Project Name MET Metroal New Servic  
Work Order 08546-007-0880-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$11,471.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	\$11,471.00	\$11,471.00
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$1,052.49	
26			* Additives of Labor		
27			Transportation Expenses	\$622.01	
28			Material	\$26,643.98	
29			* Stores Loading	\$1,945.02	
30			Contractor & Misc. Expenses	\$14,170.60	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	\$43,334.00	\$43,334.00
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor	\$224.00	
36			* Additives of Labor		
37			Transportation Expenses	\$111.10	
38			Material	\$2,052.84	
39			* Stores Handling	\$156.66	
40			Contractor & Misc. Expenses	\$3,015.90	
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total	\$5,559.00	\$5,559.00
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	\$60,364.00	\$60,364.00
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		\$60,364.00
50			<b>TOTAL REMOVAL COST</b>		\$0.00
51			<b>SALVAGE (I) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		\$0.00
52			<b>SUB-TOTAL</b>		\$60,364.00
53			<b>CREDIT FROM AGREEMENT (0%)</b>		\$0.00
54			<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>		\$60,364.00

\* Handling, Tax & Insurance and Permits & Waivers at Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

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Work Order Description

Summary Estimate of Cost

mdt - earlington heights tps, vault for mdt  
statio(Site:mdt - earlington heights tp)

Work Order Level

Project Name MET Metrorail New Servic  
Work Order 05519-007-0883-000

Line.No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$11,494.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	<u>\$11,494.00</u>	<u>\$11,494.00</u>
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$1,054.90	
26			* Additives of Labor		
27			Transportation Expenses	\$523.20	
28			Material	\$25,686.73	
29			* Stores Loading	\$1,948.27	
30			Contractor & Misc. Expenses	\$14,202.90	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	<u>\$43,416.00</u>	<u>\$43,416.00</u>
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor	\$223.93	
36			* Additives of Labor		
37			Transportation Expenses	\$111.07	
38			Material	\$2,056.05	
39			* Stores Handling	\$155.95	
40			Contractor & Misc. Expenses	\$3,015.00	
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total	<u>\$5,562.00</u>	<u>\$5,562.00</u>
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	<u>\$60,472.00</u>	<u>\$60,472.00</u>
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		<u>\$60,472.00</u>
50			<b>TOTAL REMOVAL COST</b>		\$0.00
51			<b>SALVAGE ( ) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		\$0.00
52			<b>SUB-TOTAL</b>		<u>\$60,472.00</u>
53			<b>CREDIT FROM AGREEMENT (0%)</b>		\$0.00
54			<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>		<u>\$60,472.00</u>

\* Handling, Tax & Insurance and Pension & Welfare at Approved Rates

Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

48

Work Order Description

Summary Estimate of Cost

mdt - earlington heights lps, vault for mdt  
station(Site:mdt - earlington heights ne)

Work Order Level

Project Name MET Metrorail New Servic  
Work Order 08563-007-0880-000

Line No	Salvage	Removal	Item	Item Cost	Total
6			<b>(A) ENGINEERING</b>		
7			Labor		
8			* Additives of Labor		
9			Transportation		
10			Applied Engineering	\$11,494.00	
11			Contractor & Misc. Expenses		
12			* Additives of Contractor/Misc. Expenses		
13			Sub-total	\$11,494.00	\$11,494.00
14					
15			<b>(B) LAND &amp; LAND RIGHTS (RIGHT OF WAY)</b>		
16			Labor		
17			* Additives of Labor		
18			Transportation Expenses		
19			Purchase and/or Easements		
20			Contractor & Misc. Expenses		
21			* Additives of Contractor & Misc. Expenses		
22			Sub-total		
23					
24			<b>(C) CONSTRUCTION</b>		
25			Labor	\$1,054.90	
26			* Additives of Labor		
27			Transportation Expenses	\$523.20	
28			Material	\$25,886.78	
29			* Stores Loading	\$1,848.27	
30			Contractor & Misc. Expenses	\$11,202.90	
31			* Additives of Contractor & Misc. Expenses		
32			Sub-total	\$43,416.00	\$43,416.00
33					
34			<b>(D) OTHER - MAINTENANCE</b>		
35			Labor	\$223.93	
36			* Additives of Labor		
37			Transportation Expenses	\$111.07	
38			Material	\$2,056.06	
39			* Stores Handling	\$155.95	
40			Contractor & Misc. Expenses	\$3,015.00	
41			* Additives of Contractor & Misc. Expenses		
42			Sub-total	\$5,562.00	\$5,562.00
43					
44			<b>(E) ADMINISTRATIVE &amp; GENERAL COSTS</b>		
45			Administrative & General Costs		
46			Sub-total		
47					
48	\$0.00	\$0.00	<b>GRAND TOTAL</b>	\$80,472.00	\$80,472.00
49			<b>TOTAL INSTALLATION AND MAINTENANCE COST</b>		\$80,472.00
50			<b>TOTAL REMOVAL COST</b>		\$0.00
51			<b>SALVAGE ( ) LESS SALVAGE ADJUSTMENT (FACILITIES NOT REPLACED)</b>		\$0.00
52			<b>SUB-TOTAL</b>		\$80,472.00
53			<b>CREDIT FROM AGREEMENT (0%)</b>		\$0.00
54			<b>NET REPLACEMENT COST (Sum lines 52 and 53)</b>		\$80,472.00

\* Handling, Tax & Insurance and Pension & Welfare at Approved Rates

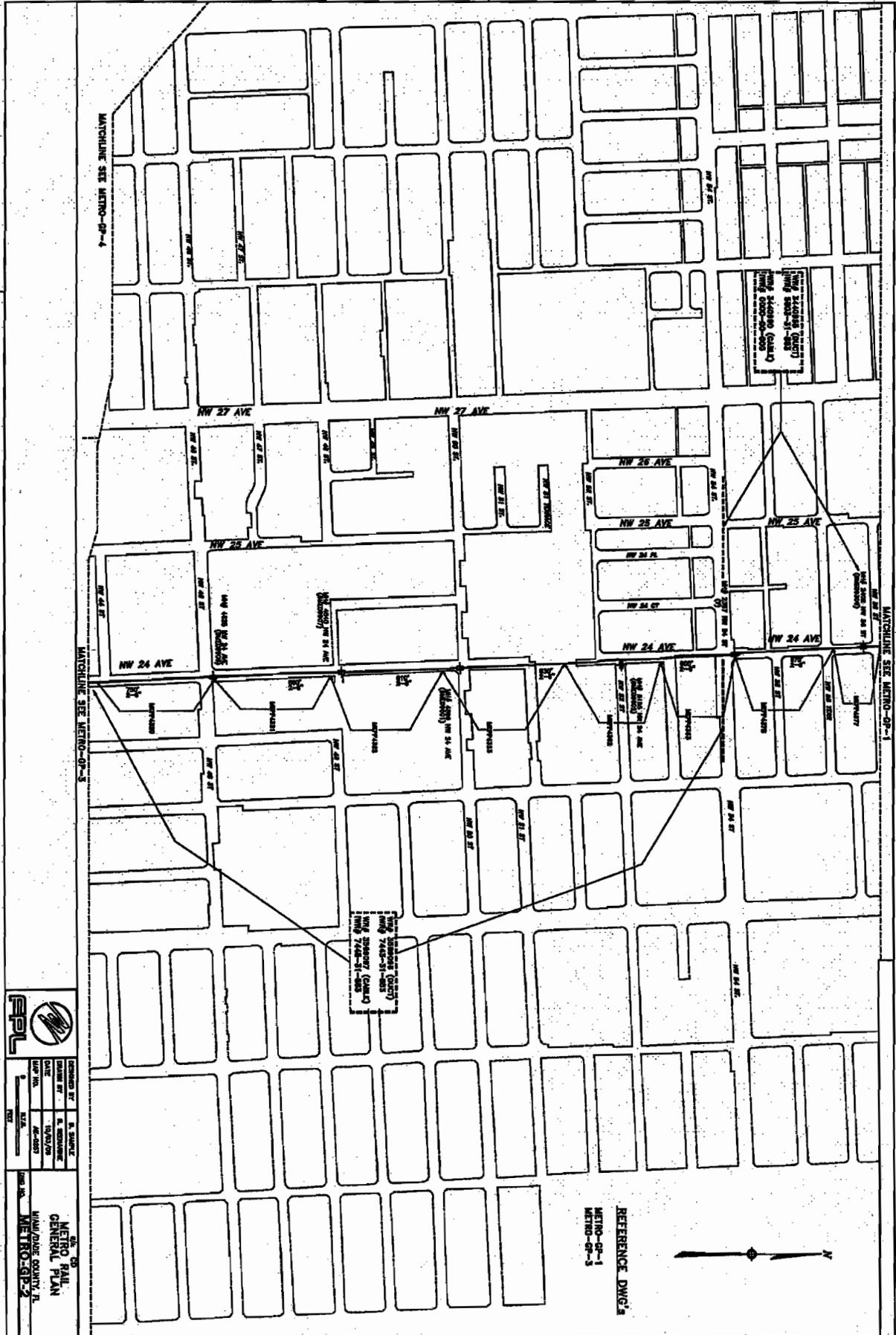
Engineer: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Byron Sample

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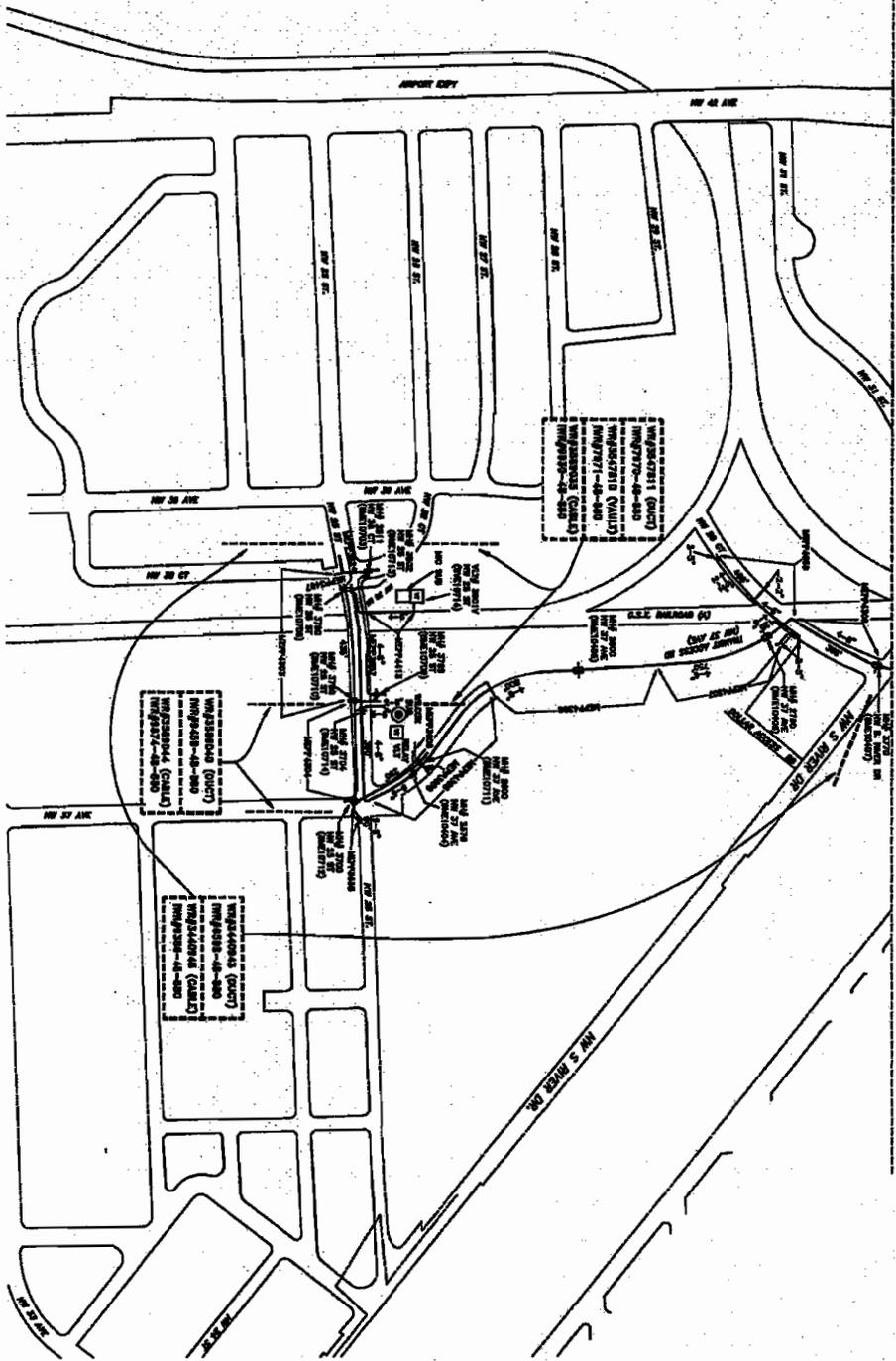
DESIGNED BY	S. SAUNDERS
DRAWN BY	S. SAUNDERS
CHECKED BY	T. GIBSON
DATE	8-9-79
SCALE	AS SHOWN

4th CD  
**METRO RAIL**  
 GENERAL PLAN  
 HIGHLAND COUNTY, FL  
**METRO-GP-2**

REFERENCE DWG'S  
 METRO-GP-1  
 METRO-GP-3







MANUALLY SEE METRO-02-5

REFERENCE DWG'S

METRO-02-5

		DESIGNED BY	S. SANCHEZ
		DRAWN BY	G. WILSON
		DATE	10/01/00
		APP. NO.	10-2000
		SCALE	AS SHOWN
		DATE	10/01/00
		METRO PAUL AIRPORT	
		GENERAL PLAN	
		MIAMI/DADE COUNTY, FL	
		METRO-02-5	

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**AMENDMENT NO. 1**  
**TO**  
**PHASE I – CONTRIBUTION ADMINISTRATION AGREEMENT**

This AMENDMENT NO. 1 TO PHASE I - CONTRIBUTION ADMINISTRATION AGREEMENT (the "*Amendment*"), is made and entered into as of the \_\_\_\_ day of \_\_\_\_\_, 2009, by and between Florida Power & Light Company, a Florida corporation ("*Utility*"), and Miami-Dade County, a political subdivision of the State of Florida, ("*County*"), referenced jointly herein as the "*Parties*," or singularly as the "*Party*."

**WITNESSETH:**

WHEREAS, the Parties entered into that certain PHASE I- CONTRIBUTION ADMINISTRATION AGREEMENT dated as of May 7, 1980 (the "*Agreement*"); and

WHEREAS, the Parties have agreed to amend the Agreement as set forth in this Amendment.

WHEREAS, the County wishes to amend the Original Agreement by adding the new service requirements for the MIC-Earlington Heights Connector Project.

NOW, THEREFORE, in consideration of the mutual promises and covenants contained herein and in the Agreement and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties do hereby agree as follows:

1. This Amendment is executed in connection with, and is deemed to be a part of, the Agreement. Upon the execution of this Amendment, this Amendment shall thereafter automatically become a part of the Agreement. Wherever the terms of this Amendment and the terms of the Supply Agreement are in conflict, the terms of this Amendment shall govern and control. The initial capitalized terms used herein, unless otherwise defined in this Amendment, shall have the meanings ascribed to them in the Agreement.

2. The Parties hereby amend "Article I - Definitions" as follows:

- A) Delete previous paragraph 2, and insert the following: Shall mean the amount of money or Facilities to be paid or contributed by County to Utility equal to at least the difference between the actual cost of providing Electrical Service to the County's System according to the County's specifications and the estimated cost of Normal Service and to be treated for accounting purposes by Utility according to the Uniform System of Accounts for Public Utilities and Licensees, Title 18, Code of Federal Regulations, Subchapter C, Part 101, for Major Utilities as revised April 1, 2002 "Electric Plant Instructions", Paragraph 2.D and Section 25-6.064 CIAC Formula (attached) of the Florida Administrative Code, or as otherwise may be directed by the regulatory agency having jurisdiction over Utility's rates.

- B) Paragraph 6 - Delivery Point: Deleting “a switching”, and replacing with “an electrical”.
- C) Paragraph 10(a): Deleting “Two non-dedicated feeders”, and replacing with “Single non-dedicated feeder”.
- D) Paragraph 10(c) is deleted in its entirety, and replaced with “Not Applicable.”
- E) Paragraph 10(d): Delete appendix C and insert new appendix C.
- F) Paragraph 10(f): Deleting “The two non-dedicated feeders have”, and replacing with “The single dedicated feeder has”.
- G) Paragraph 17: Delete appendix A and insert new appendix A.
- H) Paragraph 18: Delete appendix B and insert new appendix B.

3. The Parties hereby amend “Article II – General” as follows:

- A) Paragraph 11 - Notice Under this Agreement: Delete previous paragraph 11 and insert the following: All notices or other Communications to either party by the other shall be made in writing and addressed as follows: to the County: Director, Miami-Dade Transit, 701 NW 1<sup>st</sup> Court, Suite 1700, Miami, FL 33136; to the Utility: c/o FPL Senior Engineer, Florida Power & Light, 7200 NW 4<sup>th</sup> Street, Plantation, FL, 33317.
- B) Paragraph 12 - Delegation of Power and Duties: Delete previous paragraph 12 and insert the following: Concurrent with the execution of this Agreement, the following persons shall be designated as the authorized representatives of the parties for the purposes of this Agreement: for the County: Miami-Dade Transit, Chief Right of Way and Utilities Division; for the Utility: FPL Vice President Distribution. Any such designation may be amended upon the provision of notice pursuant to Article II.11.

4. The Parties hereby amend “Article IV – Installation by County” as follows: Paragraphs 1, 4, and 5 are deleted in their entirety, and replaced with “Not Applicable to the MIC-Earlington Heights Connector Project.”

5. The Parties hereby amend “Article VI – Cost Estimates” as follows: Paragraph 1(b): Deleting all instances of “two non-dedicated feeder” and replacing with “single non-dedicated feeder.”

6. The Parties hereby amend “Article VII – Work Orders & Billings” as follows: Paragraph 2(c) is deleted in its entirety.

7. The Parties hereby amend "Article IX – as follows: Paragraph 8(b), 8(c) and 8(d) are deleted in its entirety.

8. The Parties hereby amend "Article IX – as follows: Delete previous paragraph 15 and insert the following: Utility shall indemnify and hold harmless the County and its officers, employees, agents and instrumentalities from any and all liability, losses or damages, including attorney's fees and costs of defense, which the County or its officers, employees, agents or instrumentalities may incur as a result of claims, demands, suits, causes of actions or proceedings if and to the extent caused by the negligence or willful misconduct of FPL or its employees, agents, servants, partners, principals or subcontractors. FPL shall pay all claims and losses in connection therewith, and shall investigate and defend all claims, suits or actions of any kind or nature in the name of the County, where applicable, including appellate proceedings, and shall pay all costs, judgments, and attorney's fees which may issue thereon. FPL expressly understands and agrees that any insurance protection required by this Agreement or otherwise provided by contractor shall in no way limit the responsibility to indemnify, keep and save harmless and defend the County or its offices, employees, agents and instrumentalities as herein provided.

9. The execution, delivery, and performance of this Amendment have been duly authorized by all requisite company action and this Amendment constitutes the legal, valid and binding obligation of Utility, enforceable against Utility in accordance with its terms.

10. The execution, delivery, and performance of this Amendment has been duly authorized by all requisite governmental action and this Amendment constitutes the legal, valid and binding obligation of County, enforceable against County in accordance with its terms.

11. The Parties acknowledge and agree that this Amendment may be executed in multiple counterparts, and transmitted via facsimile or otherwise, each such counterpart (whether transmitted via facsimile or otherwise), when executed, shall constitute an integral part of one and the same agreement between the Parties.

12. Except as expressly modified by this Amendment, all of the terms, conditions, covenants, agreements and understandings contained in the Supply Agreement shall remain unchanged and in full force and effect, and the same are hereby expressly ratified and confirmed by the Parties.

[BALANCE OF PAGE INTENTIONALLY LEFT BLANK. SIGNATURES TO FOLLOW]

IN WITNESS WHEREOF, the Parties have caused this Amendment to be executed by their duly authorized representatives as of the date and year first above written.

**Florida Power & Light Company**

**Miami-Dade County, Florida**

By \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

By \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

ATTEST:

ATTEST:

\_\_\_\_\_

\_\_\_\_\_

Approved by County Attorney as  
to form and legal sufficiency. \_\_\_\_\_

## APPENDIX C

### SPECIFICATIONS FOR ELECTRICAL SERVICE

#### **1.0 Characteristics of Service:**

- a. The Utility shall provide, at time of construction, two (2) dedicated 13.2 KV, 3 phase, 60 Hertz power circuits as primary service to each Traction Power Substation, one for each rectifier unit. Each of these 13.2 KV circuits shall be furnished from two separate Utility substations or from separate 13.2 KV feeders from one Utility substation separated by at least two 13.2 KV bus-tie breakers. No adjacent passenger station or traction power substations will be allowed to be fed from the same 13.2 KV feeders.
- b. Each circuit of the Utility Company will have sufficient capacity to support the load of the combined capacity of all installed transformers including the Traction Power Substation NEMA standard RI-9 short time ratings as well as the passenger station auxiliary power requirements. Each utility circuit shall be made available to either transformer rectifier unit and / or either passenger station transformer unit by means of an automatic 13.2 KV bus-tie breaker(s). The traction power and passenger station transformers shall be designed to accommodate a Utility voltage variation of plus or minus 7-1/2 percent. The service provided shall be as indicated in the Schedule of Electric Service Requirements.
- c. The feeders and other facilities shall be designed for the MIC-EH Maximum demand as set forth in the Schedule for Electrical Service Requirements attached hereto. The maximum available short circuit duty of each feeder at any traction power substation or passenger station shall not exceed 500 MVA symmetrical. The minimum available short circuit duty of each feeder at any

traction power substation or passenger station shall not be less than values shown in the Schedule for Electrical Service Requirements attached hereto. The voltage regulation of each feeder at the point of delivery shall conform to Section 25-6.046, Florida Administrative Code.

- d. Estimated instantaneous peak demand at each traction power substation for two 6-car trains starting simultaneously MIC-EH = 10,700 KV at a power factor not less than .928 lagging plus passenger station demand. Estimated instantaneous peak demand at each traction power substation for two 8-car trains starting simultaneously MIC-EH = 14,260 at a power factor not less than .935 lagging plus passenger station demand. Each 13.2 KV service feeder shall have sufficient capacity to serve the foregoing instantaneous peak demands.

#### **2.0 Duct Banks:**

- a. Utility will provide four (4) six-inch diameter ducts, (two (2) ducts for feeders, and two (2) six-inch duct as spares) from Utility's substations up to a point five feet from the building line of the County's traction power substation or passenger station or as may be otherwise mutually agreed. County will provide Utility with a electrical vault located at or adjacent to each traction power substation or passenger station. County will provide Utility four (4) six-inch diameter ducts from the electrical vault for each traction power station or passenger station to the point where Utility terminates its ducts or as may be otherwise mutually agreed.

#### **4.0 Feeder Conductor:**

Unless otherwise mutually agreed in writing by Utility and County, underground feeder conductor will consist of 15KV, 1000 MCM aluminum cable. Except in cable runs to the electrical vaults and to Utility's substations, and unless other wise mutually agreed in writhing by Utility and County, all underground feeder conductors will be spiraled around the axis of symmetry in a three-conductor cable assembly.

**25-6.064 Contribution-in-Aid-of-Construction for Installation of New or Upgraded Facilities.**

(1) Application and scope. The purpose of this rule is to establish a uniform procedure by which investor-owned electric utilities calculate amounts due as contributions-in-aid-of-construction (CIAC) from customers who request new facilities or upgraded facilities in order to receive electric service, except as provided in Rule 25-6.078, F.A.C.

(2) Contributions-in-aid-of-construction for new or upgraded overhead facilities (CIAC<sub>OH</sub>) shall be calculated as follows:

CIAC <sub>OH</sub>	=	Total estimated work order job cost of installing the facilities	-	Four years expected incremental base energy revenue	-	Four years expected incremental base demand revenue, if applicable
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(a) The cost of the service drop and meter shall be excluded from the total estimated work order job cost for new overhead facilities.

(b) The net book value and cost of removal, net of the salvage value, for existing facilities shall be included in the total estimated work order job cost for upgrades to those existing facilities.

(c) The expected annual base energy and demand charge revenues shall be estimated for a period ending not more than 5 years after the new or upgraded facilities are placed in service.

(d) In no instance shall the CIAC<sub>OH</sub> be less than zero.

(3) Contributions-in-aid-of-construction for new or upgraded underground facilities (CIAC<sub>UG</sub>) shall be calculated as follows:

CIACUG	=	CIAC <sub>OH</sub>	+	Estimated difference between cost of providing the service underground and overhead
--------	---	--------------------	---	---

(4) Each utility shall apply the formula in subsections (2) and (3) of this rule uniformly to residential, commercial and industrial customers requesting new or upgraded facilities at any voltage level.

(5) The costs applied to the formula in subsections (2) and (3) shall be based on the requirements of Rule 25-6.0342, F.A.C., Electric Infrastructure Storm.

(6) All CIAC calculations under this rule shall be based on estimated work order job costs. In addition, each utility shall use its best judgment in estimating the total amount of annual revenues which the new or upgraded facilities are expected to produce.

(a) A customer may request a review of any CIAC charge within 12 months following the in-service date of the new or upgraded facilities. Upon request, the utility shall true-up the CIAC to reflect the actual costs of construction and actual base revenues received at the time the request is made.

(b) In cases where more customers than the initial applicant are expected to be served by the new or upgraded facilities, the utility shall prorate the total CIAC over the number of end-use customers expected to be served by the new or upgraded facilities within a period not to exceed 3 years, commencing with the in-service date of the new or upgraded facilities. The utility may require a payment equal to the full amount of the CIAC from the initial customer. For the 3-year period following the in-service date, the utility shall collect from those customers a prorated share of the original CIAC amount, and credit that to the initial customer who paid the CIAC. The utility shall file a tariff outlining its policy for the proration of CIAC.

(7) The utility may elect to waive all or any portion of the CIAC for customers, even when a CIAC is found to be applicable. If however, the utility waives a CIAC, the utility shall reduce net plant in service as though the CIAC had been collected, unless the Commission determines that there is a quantifiable benefit to the general body of ratepayers commensurate with the waived CIAC. Each utility shall maintain records of amounts waived and any subsequent changes that served to offset the CIAC.

(8) A detailed statement of its standard facilities extension and upgrade policies shall be filed by each utility as part of its tariffs. The tariffs shall have uniform application and shall be nondiscriminatory.

(9) If a utility and applicant are unable to agree on the CIAC amount, either party may appeal to the Commission for a review.

*Specific Authority 366.05(1), 350.127(2) FS. Law Implemented 366.03, 366.05(1), 366.06(1) FS. History—New 7-29-69, Amended 7-2-85, Formerly 25-6.64, Amended 2-1-07.*

**11.0 INSTALLATION OF NEW OR UPGRADED FACILITIES****SECTION 11.1 GENERAL**

In accordance with F.A.C. Rule 25-6.064 this tariff section applies to requests for new or upgraded facilities. Nothing herein shall alter the charges or provisions outlined in sections 10 and 13 of this tariff.

An Applicant can be any person, corporation, or entity capable of complying with the requirements of this tariff that has made a request for new or upgraded facilities in accordance with this tariff.

**11.1.1 CONTRIBUTION-IN-AID OF CONSTRUCTION (CIAC)**

A CIAC shall be required from Applicants requesting new or upgraded facilities prior to construction of the requested facilities based on the formulas presented below.

(a) The CIAC for new or upgraded overhead facilities ( $CIAC_{OH}$ ) shall be calculated as follows:

$$CIAC_{OH} = \begin{array}{l} \text{Total estimated work} \\ \text{order job cost of} \\ \text{installing the facilities} \end{array} - \begin{array}{l} \text{Four years expected} \\ \text{incremental base} \\ \text{energy revenue} \end{array} - \begin{array}{l} \text{Four years expected} \\ \text{incremental base} \\ \text{demand revenue, if} \\ \text{applicable} \end{array}$$

- (i) The cost of the service drop and meter shall be excluded from the total estimated work order job cost for new overhead facilities.
- (ii) The net book value and cost of removal, net of the salvage value, for existing facilities shall be included in the total estimated work order job cost for upgrades to those existing facilities.
- (iii) The expected annual base energy and demand charge revenues shall be estimated for a period ending not more than 5 years after the new or upgraded facilities are placed in service.
- (iv) In no instance shall the  $CIAC_{OH}$  be less than zero.

(b) The CIAC for new or upgraded underground facilities ( $CIAC_{UG}$ ) shall be calculated as follows:

$$CIAC_{UG} = CIAC_{OH} + \begin{array}{l} \text{Estimated difference between the cost of providing} \\ \text{the service underground and overhead} \end{array}$$

**11.1.2 CIAC True-Up**

An Applicant may request a one-time review of a paid CIAC amount within 12 months following the in-service date of the new or upgraded facilities. Upon receiving a request, which must be in writing, the Company shall true-up the CIAC to reflect the actual construction costs and a revised estimate of base revenues. The revised estimate of base revenues shall be developed from the actual base revenues received at the time the request is made. If the true-up calculation result is different from the paid CIAC amount, the Company will either issue a refund or an invoice for this difference. This CIAC review is available only to an initial Applicant who paid the original full CIAC amount, not to any other Applicants who may be required to pay a pro-rata share as described in section 11.1.3.

(Continued On Sheet No. 6.200)