

Date: January 24, 2014

To: Lester Sola, Director
Internal Services Department
Small Business Development Division

From: James Ferreira, P.E. 
Engineer 2
Public Works and Waste Management
Department

Subject: Notice of Construction Project:
Project No. 20140012
Roadway Improvements to NW 36th Ave from
N. River Dr. to NW 36th St. Phase I

RECOMMENDATION

Contracts and Specifications staff has evaluated the subject project and recommends 14% for Community Small Business Enterprise (CSBE) Subcontractor participation, based on the scopes of work required to perform construction work. The cost estimate is \$833,667.49. The Public Works and Waste Management Department (PWWM) staff has checked the availability of CSBE firms and has attached the PWD Project Measure Analysis and Recommendation findings along with other supporting documents for your consideration. PWWM staff met with the Small Business Development's (SBD) Construction Manager in an effort to seek out additional opportunities for CSBEs. The Community Workforce Program (CWP) is applicable to this project. PWD received a response from the Geocode System which determined that the work location is in a Designated Target Area (DTA).

BACKGROUND

Miami-Dade County and Florida Gaming Centers, Inc. (FGC) reached an agreement to close NW 37th Ave. from N. River Dr. to 170' south of NW 36th St. One of the conditions of the agreement was that FGC will have to improve NW 36th Ave. from N. River Dr. to NW 36th St.

If any additional information is needed, please call me at (305) 375-3267, or Frank Aira at (305) 375-2930.

Attachments (2)

JF/jf

cc:	Kelly Duncombe, ISD	Bassam Moubayed, PWWM	File
	Laurie Johnson, ISD	Raul Quintela, P.E., PWWM	
	Vivian Forhat-Diaz, ISD	Leandro Ona, P.E., PWWM	
	Coralee Taylor, ISD	Gaspar Miranda, P.E., PWWM	
	Lisset Cabrera, PWWM	Frank Aira, P.E., CFM, PWWM	

Miami-Dade County Public Works and Waste Management Department
Contract/Project Measure Analysis and Recommendation

To: Lester Sola, Director
Internal Services Department
Small Business Development Division

From: James Ferreira, P.E.
Engineer 2
Public Works and Waste
Management Department

Date: Friday January 24, 2014

Department: Public Works and Waste Management

Contract Type:

Single Trade - Roadway Improvements

Request for Price Quotation (RPQ) No.:

20140012

Re-submittal: Yes; Previous Review Committee (RC) Submittal Dates

No

Project Title:

Roadway Improvements to NW 36th Ave from N. River Dr. to NW 36th St. – Phase I

Standard Industrial Code (SIC):

16-Highway and Street Construction

Estimated Project Cost:

\$833,667.49

Funding Source:

Florida Gaming Centers, Inc. (FGC)

Bonding Requirements: Bid Bond– 5% of base bid amount
Performance Bond- 100% of Contract Award Amount

Method of Award: Apparent Lowest, Responsive, Responsible Bidder: Line Item

RPQ No.: 20140012

RPQ Title: Roadway Improvements to NW 36th Ave from N. River Dr. to NW 36th St. – Phase I

Scope of Work

- A. Work under this Contract includes furnishing of all supervision, labor, materials, tools, equipment and performing all operations required to construct the Work in accordance with the Contract Documents.
- B. Work includes but is not limited to the following: Work includes but is not limited to furnishing all supervision, labor, materials, equipment, and tools to provide roadway improvements including sidewalks, curb and gutter, drainage, signalization, pavement markings and signage, and roadway lighting.

Required Contractor's Certification:

At the time of Bid and pursuant to the requirements of Section 10-3 of the Code of Miami-Dade County, Florida and these Solicitation and Contract Documents, the Bidder must hold a valid, current, and active Certificate of Competency as a General Engineering Contractor or as a Specialty Engineering Contractor, commensurate to the requirements of the Project's Scope of Work, in one or more engineering crafts to include Paving Engineering. The Specialty Contractor shall subcontract with a qualified contractor any work which is incidental to the specialty but is specified in the aforementioned Code as being the work of other than that of the Engineering Specialty for which certified.

Pursuant to Section 255.20, Florida Statutes (F.S.) and in lieu of the above, the County may consider a bid from a Bidder that is a duly licensed Contractor in good standing that has been pre-qualified and considered eligible by the Florida Department of Transportation (FDOT) under Section 337.14, F.S. and Chapter 14-2, Florida Administrative Code, to perform the work described in the Contract Documents. Contractors seeking consideration under this paragraph shall submit along with the Bid Documents for review and consideration, current copy (ies) of their FDOT Certificate(s) of Qualification, Certification of Work Underway, and Status of Contract(s) On Hand. Acceptable FDOT prequalification(s) necessary to perform the work specified in the Project's Scope of Work shall include the Flexible Paving Work Class.

Additional Information – Permits, Licenses, Certifications, and General Regulations

Permits that are issued by the Public Works Department, Miami-Dade County for construction within the public right-of-way, as well as additional permits, which may be required by other municipalities or agencies, including those required for tree removal, **will be the responsibility of the Contractor.**

County Road Construction Projects – NO PERMITS issued to sub-contractors. Except work related to Traffic Signalization, School Flashing Signals, Internally Illuminated Street Name Sign (IISNS), Street lighting, and Traffic Signal Loops which will require a separate permit issued to an Electrical Contractor to perform such work.

RPQ No.: 20140012

RPQ Title: Roadway Improvements to NW 36th Ave from N. River Dr. to NW 36th St. – Phase I

Traffic Stripes and Markings

The work under pavement markings and signage (Thermoplastic traffic stripes and Markings) consists of placing traffic stripes and markings using a material of the type that is extruded onto the pavement surface in a molten state by mechanical means, with surface application of glass spheres. Upon cooling to normal pavement temperature these materials shall produce an adherent reflectorized pavement marking of specified thickness and width and be capable of resisting deformation by traffic.

PWWM Areas for possible measures:

Lighting
Pavement Marking and Signage
Signalization

PWWM Areas recommended for CSBE participation:

Lighting

Contract Measure Recommendation:

- No Measure
- Set-Aside:
 - Level I
 - Level II
 - Level III
- Trade Set-Aside(s):
- Aggregate Set-Aside
- CSBE Subcontractor Goal: 14%
 - 14% Lighting
- CWP: Applicable: Please see attached.
- DBE Subcontractor Goal

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Miami-Dade County Public Works and Waste Management Department
Contract/Project Measure Analysis and Recommendation

RPQ No.: 20140012

RPQ Title: Roadway Improvements to NW 36th Ave from N. River Dr. to NW 36th St. – Phase I

Reason for Recommendation:

This is a single trade project; none of the primary trade related work (Resurfacing) can be subcontracted as per the Miscellaneous Construction Contract (MCC) specifications. Additionally, staff has met with the design engineer, construction project manager, and members of the industry and concluded that there is ancillary work required to complete this project which may be subcontracted. Ancillary work includes all categories listed under "Areas for possible measures." All areas to be subcontracted require special licenses and/or certifications. Also, some categories of work are highly specialized and require special, heavy machinery and/or equipment that are typically owned and/or leased by the contractor.

Comments:

In accordance with the Miami-Dade County Code (The Code), PWWM attached its Project Measure Analysis and Recommendation findings along with other supporting documents for consideration of small business participation. PWWM staff met with the Small Business Development Division's (SBD) Construction Manager in an effort to seek out additional opportunities for CSBEs. The Community Workforce Program (CWP) is applicable to this project. PWWM received a response from the Geocode System which determined that the work location is located in a Designated Target Area (DTA).

Contracts and Specifications staff completed its review of the scope of work for the subject RPQ. Based on the analysis of factors contained in Section VI D of Implementing Order 3-22, Public Works and Waste Management (PWWM) suggests a 14% contract measure recommendation.

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Miami-Dade County Public Works and Waste Management Department
Contract/Project Measure Analysis and Recommendation

RPQ No.: 20140012

RPQ Title: Roadway Improvements to NW 36th Ave from N. River Dr. to NW 36th St. – Phase I

CSBE Prime History of similar Contracts/Projects for previous three years:

None

Scope of Work History Summary – Subcontracting Opportunities:

Areas recommended for CSBE Goal (PWWM/SBD):

Lighting

Similar Projects previously submitted for Project Review and Analysis Process:

None

CSBE Goal / Project No. / Amount achieved:

PWWM would have to confirm with the Compliance Monitor

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DEPARTMENT INPUT
CONSTRUCTION CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

Check applicable Ordinance(s): 90-143 Responsible Wage and Benefits 03-237 (formerly 03-1) Community Workforce Program

PROJECT INFORMATION See attachment

Contract/Project/*Work Order No.: 20140012

*Reference corresponding project number when submitting a work order

Contract/Project Title: Roadway Improvements to NW 36th Ave. from N. River Dr. to NW 36th St. - Phase I

Description/Scope of Work: See Attached

Estimated Cost: 833667 **Funding Source:** Other (specify)

Location of Project (street address or beginning and ending points) i.e. 12345 NE 23rd Ct or Starts at 135 St. ends at 145 St.
Please see attached

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP) See attachment

Engineer/Department or Agency's estimated required workforce for Project Work Order :

Trade/Skills Required	Est. # of workforce required per trade	Est. # of total days to complete job
Supervisor	1	200
Foremen	1	200
Operator	1	200

Comments: Please note the estimated number of days to complete the job may not be equal to actual amount of days indicated above. In addition, respective employees utilized for various scopes of work throughout the duration of the contract. The Contract also afford the ability to add and/or delete sites.

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability
	\$	%	
	\$	%	
	\$	%	

RECOMMENDATION

Set-Aside: Level 1 Level 2 Level 3 Trade Set-Aside Sub-Contractor Goal Workforce Goal No Measure

Basis for Recommendation: Identifiable areas for subcontracting; types of opportunities provided are appropriate for applying a subcontractor goal and effective competition appears to exist for setting a CSBE Subcontractor Goal within SIC 17. In addition, Geocode suggest the Work Order location is located within a Designated Target Area (DTA). Therefore, the Community Workforce Program (CWP) is applicable.

Date submitted to DBD: 1-24-14

Contact Person: James Ferreira or Frank Aira

Telephone No.: 305-375-3267

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Trade/Skills Required	Est. # of workforce required per trade	Est. # of total days to complete job
Laborers	6	200
Clearing and Grubbing	4	200
Earthwork	4	200

Comments: Please note the estimated number of days to complete the job may not be equal to actual amount of days indicated above. In addition, respective employees utilized for various scopes of work throughout the duration of the contract. The Contract also afford the ability to add and/or delete sites.

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Engineer/Department or Agency's estimated required workforce for Project Work Order :

Trade/Skills Required	Est. # of workforce required per trade	Est. # of total days to complete job
Drainage and Structures	5	200
Concrete	4	200
Sodding & Tree Relocation	4	200

Comments: Please note the estimated number of days to complete the job may not be equal to actual amount of days indicated above. In addition, respective employees utilized for various scopes of work throughout the duration of the contract. The Contract also afford the ability to add and/or delete sites.

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Engineer/Department or Agency's estimated required workforce for Project Work Order :

Trade/Skills Required	Est. # of workforce required per trade	Est. # of total days to complete job
Lighting	4	200
Signalization	4	200
Pavement Marking and Signage	4	200

Comments: Please note the estimated number of days to complete the job may not be equal to actual amount of days indicated above. In addition, respective employees utilized for various scopes of work throughout the duration of the contract. The Contract also afford the ability to add and/or delete sites.

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MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT HIGHWAY DIVISION		
ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS		
Project Description NW 36 Ave from N. River Dr. to NW 36 St PWD PROJECT No. 20110158		
DATE:		
ITEM	COST	TOTAL
	ESTIMATE	JOB (%)
GENERAL CONSTRUCTION OPERATIONS	34,434	4%
MAINTENANCE OF TRAFFIC (MOT)(2%)	14,626	2%
User Access Program (2%)	14,626	2%
CONTROL OF EROSION & WATER POLLUTION	116	0%
CLEARING & GRUBBING	73,129	8%
EARTHWORK	41,417	4%
REMOVAL OF SOLID WASTE MATERIAL	0	0%
BITUMINOUS SURFACE COURSES AND CONCRETE PAVEMENT	155,156	16%
DRAINAGE STRUCTURES & PIPES	72,303	8%
CONCRETE	32,411	3%
GUARDRAIL & FENCE	-	0%
SODDING & TREE RELOCATION	381	0%
IRRIGATION	-	0%
SIGNALIZATION	225,637	24%
PAVEMENT MARKING & SIGNAGE	37,538	4%
LIGHTING	131,895	14%
BRIDGE	-	0
BASE ESTIMATED COST	833,667	
CONTINGENCY FUND (10%)	83,367	9%
SUBTOTAL	917,034	
OFF DUTY LAW ENFORCEMENT OFFICER	30,000	3%
BITUMINOUS MATERIAL ADJUSTMENT	2,000	0%
PWD PERMIT ALLOWANCES	2,000	0%
FPL CONNECTION ALLOWANCE	1,000	0%
GRAND TOTAL	\$ 952,034	100%

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

ITEM NO.	ITEM	UNIT	QUANT.	OVERALL AVERAGE	CURRENT SET PRICE	AMOUNT
GENERAL CONSTRUCTION OPERATIONS						
1WS1A-1	ASPHALT SURFACE PAVEMENT REPAIR - Saw cut, and remove asphalt from marked area and trench			4.00	4.00	0.00
2W-S	REPLACEMENT OF BASE AND COLD PATCH	SF		6.50	6.50	0.00
102-1A	MAINTENANCE OF TRAFFIC (INCLUDING TEMPORARY REFLECTIVE PAVEMENT MARKERS, MARKINGS, TRAFFIC CONES, TEMPORARY SIGNS, FLAG MEN, ETC.) (ASSUME 2% OF BASE ESTIMATE)	LS	1			14,625.75
	User Access Program (ASSUME 2% OF BASE ESTIMATE)	LS	1			14,625.75
102-3	COMMERCIAL MATERIAL FOR DRIVEWAY MAINTENANCE	CF			5.00	0.00
102-3-1	CSXT FLAGGER (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED OR DECREASED BY THE ENGINEER)	LS				0.00
102-61	BUSINESS SIGNS (TEMPORARY, POST MOUNTED)	EA	12	56.50	56.50	678.00
102-71-12	TEMPORARY BARRIER WALL (F&I) (WATER FILLED)	LF		30.00	30.00	0.00
102-71-14 or 102-71-11A or 102-71-11	BARRIER WALL (F&I)	LF	600	20.46	20.46	12,276.00
102-71-24 or 102-71-22 or 102-71-21	BARRIER WALL (RELOCATION)	LF	600	8.80	8.80	5,280.00
102-72 or 102-72A or 102-72PH2	CONCRETE BARRIER - CLASS E (TEMPORARY, INCLUDING RELOCATION)	LF		28.58	28.58	0.00
102-74-1 OR 102-74-1A	BARRICADES (TEMPORARY- TYPE I, II, VP & DRUM).	EA/DAY	1,638	0.27	0.27	442.26
102-74-2	BARRICADES (TEMPORARY, TYPE III, 6')	EA/DAY	546	0.49	0.49	267.54
102-60A or 102-75 or 102-75A or 102-75-PH2	CONSTRUCTION SIGNS (TEMPORARY, POST MOUNTED)	EA/DAY	1,560	0.39	0.39	608.40
102-76 or 102-76A	FLASHING ARROW BOARD (TEMPORARY, MULTIMODE) / ADVANCE WARNING ARROW PANEL	EA/DAY	156	9.15	9.15	1,427.40
102-77	HIGH INTENSITY FLASHING LIGHTS (TEMPORARY, TYPE "B")	EA/DAY	7,800	0.49	0.49	3,822.00
102-78	REFLECTIVE PAVEMENT MARKER (TEMPORARY)	EA		4.00	4.00	0.00
102-79	LIGHT BARRIER WALL MOUNT (TEMPORARY)	EA		1.80	1.80	0.00
102-81	VEHICULAR IMPACT ATTENUATOR (INCLUDING RELOCATION & RESET) (TO BE USED WHEN REQUIRED FOR MAINTENANCE OF TRAFFIC AND APPROVED BY THE ENGINEER)	EA	4	1,149.35	1,149.35	4,597.40
102-86	BARRICADES (TEMPORARY, TYPE III, CLASS H, 12')	EA/DAY			1.00	0.00
102-89 or 102-89-17	TEMPORARY IMPACT ATTENUATOR	EA		911.83	911.83	0.00
102-91-4	TEMPORARY MESSAGES (ONLY/MERGE/SCHOOL/RR)	EA		62.00	62.00	0.00
102-99	VARIABLE MESSAGE SIGN (TEMPORARY)	EA/DAY	20	18.99	18.99	379.80
102-911-1 or 102-91A	PAVEMENT MARKING REMOVABLE (WHITE) (SKIP)	LF	3500	0.53	0.45	1,575.00
102-911-2 or 102-91-1A	PAVEMENT MARKING REMOVABLE (WHITE) (SOLID)	LF	7,000	0.44	0.44	3,080.00
102-912-1 or 102-91A	PAVEMENT MARKING REMOVABLES (YELLOW) (SKIP)	LF		0.44	0.44	0.00
102-912-2 or 102-91-1A	PAVEMENT MARKING REMOVABLE (YELLOW) (SOLID)	LF		0.47	0.47	0.00
EROSION CONTROL						
104-4	ROADSIDE SAFETY MOWING, PER CYCLE (CATEGORY 1)	AC			1200.00	0.00
104-5	SANDBAGGING	CY			12.00	0.00
104-10-1	BALED HAY	EA		7.33	7.33	0.00
104-10-2	SYNTHETIC BALES	LF		14.10	14.10	0.00
104-10-3	SEDIMENT BARRIER	LF	100	1.16	1.16	116.00
104-11 or 104-11A or 104-11B or 104-12-1	FLOATING SILT BARRIER (INCLUDES MAINTENANCE, RELOCATION AND REMOVAL) (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	LF		15.95	15.95	0.00
104-13	CLEANOUT EXISTING DRAINAGE SYSTEM	LS			800.00	0.00
104-15 or 104-13-1	STAKED SILT FENCE	LF		1.51	1.51	0.00
104-16 or 104-16A	ROCK BAGS FOR CONTROLLING SILTATION @ CURB & GUTTER INLETS. BAGS ARE TO BE 12" X 12" X 4".	EA		7.07	7.07	0.00
104-18	INLET PROTECTION SYSTEM	EA	8	55.27	55.27	
FIELD OFFICE						
109-71-6	FIELD OFFICE (BRIDGE WORK IN EXCESS OF 5 MILLION DOLLARS)	DAY				0.00
CLEARING AND GRUBBING						
110-1 OR 110-1-1B	CLEARING AND GRUBBING (INCLUDES REMOVAL OF EXISTING SIDEWALK, FLEXIBLE PAVEMENT, CURB AND GUTTER, DRAINAGE STRUCTURES, VEGETATION, TREES AND ANY DEBRIS TO BE DISPOSED OF IN LEGAL AREAS PROVIDED BY THE CONTRACTOR (ASSUME 10% OF BASE ESTIMATE)	LS	1		73128.73	73,128.73
110-2	CLEAN EXISTING STRUCTURES	EA		217.50	217.50	0.00
110-2-00 OR 110-2-1-0	CLEAN EXISTING PIPES INCLUDES REMOVAL AND DISPOSAL OF TRASH	LF		12.25	12.25	0.00
110-3	REMOVE EXISTING STRUCTURE	LS		24,000.00		0.00
110-4	REMOVAL OF EXISTING PAVEMENT	SY		2.40	2.40	0.00
110-4-1-1 OR 110-4-4	REMOVE AND DISPOSE OF EXISTING CURB AND GUTTER	LF		10.67	10.67	0.00
110-4-10	REMOVE AND DISPOSE OF EXISTING CURB AND GUTTER, SIDEWALKS INCLUDING RAMPS AND MISCELLANEOUS CONCRETE IN AREAS NOT INCLUDED IN THE CLEARING AND GRUBBING ITEM	SF		8.67	8.67	0.00
110-4-10B	REMOVE AND DISPOSE OF EXISTING SIDEWALKS INCLUDING RAMPS AND MISCELLANEOUS CONCRETE IN AREAS NOT INCLUDED IN THE CLEARING AND GRUBBING ITEM	SY		10.00	10.00	0.00
110-4-10C	REMOVE AND DISPOSE OF EXISTING CURB & GUTTER IN AREAS NOT INCLUDED IN THE CLEARING AND GRUBBING ITEM	LF		20.00	20.00	0.00
110-6 OR 110-6A	PLUGGING WATER WELLS (NON-ARTESIAN)	EA			900.00	0.00
110-7-1	RELOCATION OF EXISTING MAIL BOXES	EA		133.33	133.33	0.00
110-7-1A	INSTALL NEW MAILBOX	EA			400.00	0.00
110-7-2	INTERCOM/GATE OPENER KEY PAD	EA		1,000.00	1,000.00	0.00
110-86	Monument Relocation	LS		6,000.00	6,000.00	0.00
EARTHWORK						
120-1 OR 120-2-2	REGULAR EXCAVATION	CY	650	7.45	6.80	4,420.00
120-2	BORROW EXCAVATION -[(CONTRACTOR SUPPLIED, TRUCK MEASUREMENT) (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED, OR ELIMINATED BY THE ENGINEER)]	CY			4.00	0.00
120-4	SUBSOIL EXCAVATION (THIS ITEM IS CONTINGENT UPON THE ACTUAL FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	CY		15.14	7.65	0.00
120-5	CHANNEL EXCAVATION	CY		18.50	18.50	0.00
120-6 OR 120-6-1	EMBANKMENT (INCLUDES BORROW) (THIS ITEM IS CONTINGENT UPON EXISTING FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	CY	110	14.18	14.63	1,609.30
120-8 OR 120-8A	RE-GRADE EXISTING SWALE (Where shown specifically on plans, or as directed by Engineer, contingent items may be increase or decrease by Engineer.)	SY		5.50	5.50	0.00
119-01 or 119-01A or 119-01B	DRIVEWAY RESTORATION (SPECIALY PAVERS, TILE, STAMP CONCRETE, ETC., INCLUDES RESTORATION OF BASE AS NEEDED AND/OR CONC. HEADERS)	SY		56.59	56.59	0.00
119-01D	DRIVEWAY RESTORATION (Concrete), includes restoration of base as needed and/or headers and removal, disposal and replacement)	SY		50.00	50.00	0.00
121-70-1 or 121-70-1A or 121-70-2	FLOWABLE FILL - THIS ITEM MAY BE USED AT THE DISCRETION OF THE ENGINEER, IN LIEU OF GRANULAR FILL MATERIAL. SEE SECTION 121 OF THE SPECIAL PROVISIONS.	CY		144.67	144.67	0.00
125-1	EXCAVATION FOR STRUCTURE	CY		9.00	9.00	0.00
125-8A	STRUCTURE BACKFILL	CY		18.00	18.00	0.00
145-1-1	GEOSYNTHETIC REINFORCED SOIL SLOPE	SF		0.59	0.59	0.00
145-2	GEOTEXTILE FABRIC	SY		11.28	11.28	0.00
145-71	REINFORCEMENT GRID	SY			4.00	0.00

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

ITEM NO.	ITEM	UNIT	QUANT.	OVERALL AVERAGE	CURRENT SET PRICE	AMOUNT
160-4	TYPE "B" STABILIZATION (12" THICK) (MIN. C.B.R. 30)	SY	2500	3.34	3.34	8,350.00
200-1-1 or 230-1	LIMEROCK BASE (6" THICK, SINGLE COURSE)(DRIVEWAY RESTORATION)	SY		13.11	13.11	0.00
200-1-2 OR 210-1-2	LIMEROCK BASE (8" THICK) (DOUBLE COURSE) (PRIMED)] / LIMEROCK BASE (8" THICK, PRIMED)	SY	2345			27,037.85
200-1-2A	LIMEROCK BASE (18" DOUBLE COURSE PRIMED)			17.00	17.00	0.00
200-1-2-S	LIMEROCK BASE (8" SINGLE COURSE PRIMED) OR (6" SAHM)	SY		18.25	18.25	0.00
200-1-3	LIMEROCK BASE (4" THICK, PRIMED)	SY		8.63	8.63	0.00
210-1	REWORK EXISTING LIMEROCK BASE			6.60	6.60	0.00
285-701	BASE OPTIONAL (BASE GROUP 1)	SY		15.50	15.50	0.00
285-706	BASE OPTIONAL (BASE GROUP 6)	SY		15.59	15.59	0.00
285-709	BASE OPTIONAL (BASE GROUP 9)	SY		16.00	16.00	0.00
285-711	BASE OPTIONAL (BASE GROUP 11)	SY		22.00	22.00	0.00
285-715	ASPHALTBASE (9" THICKNESS)	SY			30.00	0.00
REMOVAL OF SOLID WASTE MATERIAL						
125-4-2	SOLID WASTE REMOVAL AND DISPOSAL	SY				0.00
455-133-2	SHEET PILING STEEL (TEMP)	SY				0.00
BITUMINOUS SURFACE COURSES AND CONCRETE PAVEMENT						
300-1-3	BITUMINOUS MATERIAL (TACK COAT)	GAL			2.70	0.00
327-70-01	MILLING, 1" AVERAGE DEPTH	SY		3.43	3.12	0.00
327-70-1A	MILLING EXISTING ASPHALT PAVEMENT (1" AVERAGE DEPTH)	SY	10527	2.82	2.82	29,686.14
327-70-15	MILLING EXISTING ASPHALT PAVEMENT (2.75" AVERAGE DEPTH)	SY		1.35	1.35	0.00
327-70-19	MILLING EXISTING ASPHALT PAVEMENT (0.75" AVERAGE DEPTH)	SY		1.73	1.73	0.00
327-70-5	MILLING EXISTING ASPHALT PAVEMENT (2" AVERAGE DEPTH)	SY		3.01	3.01	0.00
327-70-6	MILLING (1 1/2" THICK)	SY		2.60	2.60	0.00
327-70-5A	MILLING 3" AVERAGE DEPTH	SY			5.00	0.00
331-2	TYPE S-1 ASPHALTIC CONCRETE (1" THICK WEARING COURSE)	TON		105.25	105.25	0.00
331-2B	ASPHALT CONCRETE (TYPE S)(ANY THICKNESS)	TON			67.00	0.00
331-2-1 OR 337-3-2	TYPE S-1 ASPHALTIC CONCRETE (2" THICK)	TON		101.04	101.04	0.00
331-3-34 OR 331-3-20	TYPE S-3 ASPHALTIC CONCRETE	TON		125.17	125.17	0.00
331-3-1	TYPE S-1 ASPHALTIC CONCRETE (1" THICK WEARING COURSE)	TON			80.00	0.00
331-3-1-1	TYPE S-1 ASPHALTIC CONCRETE (1 5/8" THICK)	TON		95.00	95.00	0.00
331-72-10F	ASPHALT DRIVEWAY RESTORATION (Include base and 1" thick Type Asphaltic concreted)	SY		20.43	20.43	0.00
331-72-10G	ROADWAY PAVEMENT RESTORATION (Replace and match existing base thickness with 8" minimum prime Limerock Base and 1" thick Type S Asphaltic Concrete) (In cludes replacement of existing pavement marking))	SY			29.08	0.00
331-72-10H	INLET PAVEMENT (Includes 6" limerock base and 1" thick Type S)	SY		18.25	18.25	0.00
334-1-14	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC "D")	TON		91.84	91.84	0.00
334-1-23	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC "C")	TON		116.33	116.33	0.00
334-1-24	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC D, PG76-22)	TON		98.47	98.47	0.00
334-2-11	HOT MIX ASPHALT SP-9.5 TRAFFIC A (1" THICK)	TON		110.00	110.00	0.00
334-2-13-1	HOT MIX ASPHALT SP-9.5 TRAFFIC A (1" THICK)	TON				0.00
334-2-13-2	HOT MIX ASPHALT SP-12.5 TRAFFIC C	TON	235	100.00	100.00	25,835.90
337-2 or 337-2-1 or 337-71-1 or 337-3 or 337-5-3 or 337-7-3 or 331-1-3	ASPHALTIC CONCRETE FRICTION COURSE (FC-3) (1" THICK - 110 #/SY AVG.)	TON		109.94	109.94	0.00
337-7-21A or 337-8-32	HOT MIX ASPHALT FC-9.5 TRAFFIC C (1") Rubber	TON	710	117.31	117.31	83,290.10
337-8 or 337-7-22	ASPHALTIC CONCRETE FRICTION COURSE (FC-5)	TON		127.50	127.50	0.00
339-1	MISCELLANEOUS ASPHALT PAVEMENT	TON		165.63	165.63	0.00
339-2	TEMPORARY ASPHALT	SY	740	17.88	17.88	13,231.20
350-2-4	CEMENT CONCRETE PAVEMENT, REINFORCED (9")	SY		52.00	52.00	0.00
351-1	COLORING OF CONCRETE -(SEE SPECIAL PROVISIONS)	SY			22.00	0.00
351-1A	COLORING CONCRETE CURB AND GUTTER	SY		27.00	27.00	0.00
351-1B or 351-1F	COLORING CONCRETE SIDEWALK 4" (INCLUDING PEDESTRIAN RAMPS)	SY		43.33	43.33	0.00
351-1C	COLORING CONCRETE SIDEWALK 6"	SY		58.03	50.70	0.00
351-1G	COLORING CONCRETE SIDEWALK 10"	SY		106.60	106.60	0.00
351-2 or 351-2A or 527-2	CURB RAMP DETECTABLE WARNING SURFACE	SF	78	39.90	39.90	3,112.20
370-1	BRIDGE APPROACH EXPANSION JOINT FOR CONC. PAVEMENT	LF		202.50	202.50	0.00
DRAINAGE STRUCTURES AND PIPES						
400-0-11	CONCRETE CLASS NS, GRAVITY WALLS	CY		272.50	272.50	0.00
400-1-1	1:10 CONCRETE MIX	CY		271.33	174.17	0.00
400-1-2	CLASS I CONCRETE (ENDWALLS) INCLUDES STEEL REINFORCEMENT.	CY		2,001.84	502.76	0.00
400-1-03	PERFORATION AND CONNECTION TO EXISTING SEAWALL (SEE PLANS FOR DETAILS)	EA		7,500.00	7500.00	0.00
400-1-11	CLASS I CONCRETE (GRAVITY WALLS INCLUDING STEEL)	CY		680.23	680.23	0.00
400-1-15	CLASS I CONCRETE ((MISCELLANEOUS) (TRENCH BUILD-UP, COLLARS, PIPE PLUGS,STRUCTURE PLUGS ETC.) (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED DECREASED OR ELIMINATED BY THE ENGINEER))	CY		270.55	231.66	0.00
400-1-15AB	CLASS I CONCRETE (WELCOME WALL)	CY			500.00	0.00
400-2-4	CLASS II CONCRETE (SUPERSTRUCTURE)	CY		881.13	881.13	0.00
400-2-10	CLASS II CONCRETE (APPROACH SLABS)	CY		457.00	457.00	0.00
400-2-15	CLASS II CONCRETE (MISCELLANEOUS) (CONTINGENCY AMOUNT)	CY			700.00	0.00
400-11-1	SEAWALL CAP (INCLUDES REINFORCEMENT)	LF		215.00	215.00	0.00
400-11-2	SEAWALL (INCLUDES REINFORCEMENT)	LF		250.00	250.00	0.00
400-11-3	REPAIRS (TO EXISTING SEAWALLS)	SF		300.00	300.00	0.00
400-40-4A	GATEWAY SIGN (SEE PLANS FOR DETAILS)	EA		4,400.00	4400.00	0.00
422-6 or 422-6-1F	ADJUST/RELOCATE WATER VALVE BOXES (MIAMI-DADECOUNTY ONLY)	EA		208.50	208.50	0.00
425-01	CORE AND TIE-IN TO EXIST. DRAINAGE STRUCTURES	EA		699.17	699.17	0.00
425-1-89	BARRIER WALL INLET	EA			3000.00	0.00
425-1-90	SPECIAL DRAIN (WALKWAY)	EA			1800.00	0.00
425-1-201	INLET (CURB) (TYPE P-9 <10')	EA		2,475.00	2475.00	0.00
425-1-202	INLET (CURB) (TYPE P-9 >10')	EA		2,740.00	2740.00	0.00
425-1-211	INLET (CURB) (TYPE P-10 < 10')	EA			3000.00	0.00
425-1-215	INLETS (CURB) (TYPE P-10)(PARTIAL)	EA			2500.00	0.00
425-1-219	INLETS (CURB) (TYPE P-10)WITH BAFFLE	EA			3000.00	0.00
425-1-311	INLETS (CURB)(TYPE P-1) < 10'	EA		4,860.60	4860.60	0.00
425-1-311(1)	CURB INLET TOP ONLY TYPE P-1 (CAST IN PLACE) (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAYBE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	EA		4,300.00	3000.00	0.00
425-1-112 or 425-1-312	INLETS (CURB)(TYPE P-1) > 10'	EA		6,482.96	6482.96	0.00
425-1-319	INLETS (CURB) (TYPE P-1) (W/BAFFLE)	EA			4000.00	0.00
425-1-321	INLETS (CURB)(TYPE P-2) < 10'	EA		4,694.83	4694.83	0.00
425-1-322 or 425-1-322A	INLETS (CURB)(TYPE P-2) > 10'	EA		5,336.63	5336.63	0.00
425-1-329	INLETS (CURB) TYPE P-2(W/BAFFLE)	EA			4000.00	0.00
425-1-331 or 425-1-331C	CURB INLET TYPE P-3	EA		3,785.28	3785.28	0.00
425-1-331(1)	CURB INLET TOP ONLY TYPE P-3 (CAST IN PLACE) (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAYBE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	EA		2,964.80	2964.80	0.00

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

ITEM NO.	ITEM	UNIT	QUANT.	OVERALL AVERAGE	CURRENT SET PRICE	AMOUNT
425-1-331D or 425-1-331	CURB INLET TYPE P-3 (>10')	EA		3,825.00	3825.00	0.00
425-1-341 or 425-1-341A	INLETS (CURB) TYPE P-4	EA		3,358.26	3358.26	0.00
425-1-343	INLETS (CURB) TYPE P-4 (>10')	EA		3,581.95	3581.95	0.00
425-1-351	INLET CURB (TYPE P-5) < 10'	EA		3,690.68	3690.68	0.00
425-1-353 or 425-1-352	INLET (CURB)(TYPE P-5)(>10')	EA		3,929.01	3929.01	0.00
425-1-353A	INLET (CURB)(TYPE P-5)(>10') (W/BAFFLE)	EA		5,241.02	5241.02	0.00
425-1-355	INLET TOP, CURB [(TYPE 5) (INCLUDES ADJUSTMENT TO BOX, IF NECESSARY)] (PARTIAL)	EA		2,348.08	2348.08	0.00
425-1-355(1)	INLET TOP, P-5	EA		2,441.90	2441.90	0.00
425-1-355(2)	CURB INLET TOP ONLY TYPE P-5 (CAST IN PLACE) (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAYBE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	EA		2,300.00	2300.00	0.00
425-1-357	INLETS (CURB) (TYPE P-5) SPECIAL	EA			2500.00	0.00
425-1-359	INLETS (CURB) (TYPE P-5)(W/BAFFLE)	EA		4,674.83	4674.83	0.00
425-1-361	INLET, CURB (TYPE P-6) < 10'	EA	2	3,936.13	3936.13	7,872.26
425-1-361A	INLET (CURB) TYPE P-6 (WITH BAFFLE)	EA		4,777.33	4777.33	0.00
425-1-363 or 425-1-362A	INLET (CURB)(TYPE P-6)(>10')	EA		3,935.07	3935.07	0.00
425-1-363A	INLET (CURB)(TYPE P-6)(>10') (W/BAFFLE)	EA		5,123.10	5123.10	0.00
425-1-365	INLET TOP (CURB)(TYPE 6)	EA		2,706.98	2706.98	0.00
425-1-367	INLETS (CURB) (TYPE P-6)SPECIAL	EA			5000.00	0.00
425-1-391 or 425-1-369	INLETS CURB (TYPE P-9)	EA		2,167.38	2167.38	0.00
425-1-419 or 425-1-412	INLETS (CURB) TYPE J-1(W/BAFFLE)	EA		6,783.85	6783.85	0.00
425-1-431 or 425-1-431A or 425-1-432	INLET (CURB)(TYPE J-3)(>10')	EA			4000.00	0.00
425-1-441 or 425-1-441A or 425-1-442	INLET (CURB)(TYPE J-4)(>10')	EA			4000.00	0.00
425-1-451 or 425-1-451A or 425-1-451B	INLETS [(CURB) (TYPE J-5)	EA		5,446.23	5446.23	0.00
425-1-452	INLETS [(CURB) (TYPE J-5) (>10)	EA		5,780.29	5780.29	0.00
425-453A	INLETS [(CURB) (TYPE J-5) (>10) w/ baffle	EA		5,581.00	5581.00	0.00
425-1-455	INLETS (CURB)TYPE J-5 (PARTIAL)	EA			5000.00	0.00
425-1-461	INLET CURB (TYPE J-6)	EA		7,102.35	7102.35	0.00
425-1-461B	INLET CURB (TYPE J-6) >10' (W/BAFFLE)	EA		7,749.23	7749.23	0.00
425-1-461C	INLET CURB (TYPE J-6) (W/BAFFLE)	EA		8,194.90	8194.90	0.00
425-1-462	INLET CURB (TYPE J-6) >10'	EA		5,961.06	5961.06	0.00
425-1-463	INLET CURB (TYPE J-6) , 10'	EA		6,264.01	6264.01	0.00
425-1-521	INLET TYPE C	EA		2,974.79	2974.79	0.00
425-1-541	INLET TYPE D	EA		2,626.00	2626.00	0.00
425-1-549	INLET (DITCH BOTTOM) TYPE D (MODIFY)	EA		3,350.00	3350.00	0.00
425-1-551	INLET TYPE E	EA			3000.00	0.00
425-1-561A	INLET TYPE F <10'	EA		2,950.00	2950.00	0.00
425-1-610 or 425-1-610B	SWALE INLET TYPE P-10 - (ANY INSIDE DIMENSION, MAXIMUM DEPTH OF 15')	EA			3500.00	0.00
425-901B or 425-1-901C	INLET DITCH BOTTOM SPECIAL TYPE P-10 <10'	EA		3,545.50	3545.50	0.00
425-902A	INLET DITCH BOTTOM SPECIAL TYPE P-10 >10'	EA		5,076.00	5076.00	0.00
425-1-671 or 425-1-901	INLET, TYPE P-11	EA		5,381.32	5381.32	0.00
425-1-711	INLET TYPE V (<10)	EA		2,196.26	2196.26	0.00
425-1-721 or 425-1-903A	INLET, TYPE P-11 <10'	EA	2	3,633.33	3633.33	7,266.66
425-1-728	INLET CURB (TYPE J-11) (>10')	EA		5,500.00	5500.00	0.00
425-1-903B or 425-1-722	INLET, TYPE P-11 >10'	EA		4,550.00	4550.00	0.00
425-1-907A	POLLUTION RETARDANT BAFFLE (ANY TYPE) (ANY DIMENSION)	EA	3	393.75	393.75	1,181.25
425-1-908	SPECIAL STRUCTURE W/WEIR AND BAFFLE (>10')	EA		13,500.00	13500.00	0.00
425-1-909	INLETS (CURB) TYPE J-11	EA		8,333.33	8333.33	0.00
425-02	DRAINAGE FLUME	EA		1,335.00	1335.00	0.00
425-2-7	MANHOLE (TYPE J-7)	EA		9,500.00	9500.00	0.00
425-2-10	MANHOLE (SPECIAL)(WITH BAFFLE WALL AND WEIR)	EA			8500.00	0.00
425-2-10C	CONFLICT MANHOLE J-7T (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAYBE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	EA		4,936.19	4936.19	0.00
425-2-101A	MANHOLE (SPECIAL) (<10')	EA		11,207.31	11207.31	0.00
425-2-102 or 425-42-42C	MANHOLE P-7 (>10')	EA		2,734.61	2734.61	0.00
425-2-102A	MANHOLE (SPECIAL) (>10') (OUTFALL STRUCTURE)	EA		11,000.00	11000.00	0.00
425-2-103	MANHOLE Type 7 (Partial)	EA		812.60	812.60	0.00
425-2-103A	MANHOLE (SPECIAL, RAISER FOR 96" PIPE)	EA		11,500.00	11500.00	0.00
425-2-42D or 425-2-041A or 425-1-471A	MANHOLE (P-7T)(<10')	EA	4	3,467.83	2898.40	11,593.60
425-2-41	MANHOLE (TYPE P-7T, ANY DIMENSION, MAXIMUM 15' DEEP)	EA		2,993.23	2993.23	0.00
425-2-412	MANHOLE (P-7T) CAST IN PLACE	EA			3250.00	0.00
425-2-42 or 425-2-41B	MANHOLE P-7 (<10')	EA		2,342.45	2342.45	0.00
425-2-42A or 425-2-43	MANHOLES TYPE P-7T (PARTIAL)	EA		2,035.97	2035.97	0.00
425-2-42E	MANHOLE (TYPE P-7T) (>10')	EA		2,600.00	2600.00	0.00
425-2-44	MANHOLES TYPE P-7NT	EA			3000.00	0.00
425-2-45	MANHOLES INCLUDING CONICAL MANHOLE SECTION (TYPE P-10)	EA			3000.00	0.00
425-2-61	MANHOLE P-8 <10'	EA				0.00
425-2-71A	MANHOLES TYPE J-7T<10'	EA		4,017.82	4017.82	0.00
425-2-71B	MANHOLES TYPE J-7>10'	EA		4,219.50	4219.50	0.00
425-2-71C	MANHOLES TYPE J-7<10'	EA		3,206.23	3206.23	0.00
425-2-72	MANHOLE TYPE J-7T-, (ANY DIMENSION, MAXIMUM 15' DEEP)	EA		5,685.94	5685.94	0.00
425-2-72D or 425-2-72C	MANHOLE TYPE J-7T (> 10')	EA		4,186.22	4186.22	0.00
425-2-73	MANHOLE (SPECIAL) (>10') (OUTFALL STRUCTURE)	EA		10,000.00	10000.00	0.00
425-2-721A	MANHOLE (J-7T) WITH BAFFLE)	EA		8,876.55	8876.55	0.00
425-2-75	MANHOLE (J-7NT) POLLUTION CONTROL STRUCTURE)	EA			6000.00	0.00
425-31	POLLUTION CONTROL STRUCTURE (TWO CHAMBERS W/ WEIR OR BAFFLE) (ANY DIMENSION)	EA		9,700.00	9700.00	0.00
425-3-82B	JUNCTION BOX SPECIAL <10'	EA		5,500.00	5500.00	0.00
425-3-82C	JUNCTION BOX SPECIAL >10'	EA		6,500.00	6500.00	0.00
425-4(2)	ADJUST INLET	EA		795.00	795.00	0.00
425-5	ADJUST MANHOLE (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	EA		380.47	380.47	0.00
425-5B	ADJUST MANHOLE - MIAMI-DADE COUNTY ONLY - (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	EA		438.33	438.33	0.00
425-5-1	ADJUST MANHOLE (UTILITIES) (MIAMI-DADE WATER & SWERE ONLY)	EA		290.99	290.99	0.00
425-6 or 425-6-1 or 425-6A	ADJUST EXISTING VALVE BOXES (MIAMI-DADE COUNTY ONLY) (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	EA		213.23	213.23	0.00
425-72	ADJUST GRATE AND FRAME (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	EA		440.00	440.00	0.00
425-73	ADJUST AND/OR RELOCATE EXISTING FIRE HYDRANTS (DADE COUNTY-OWNED ONLY)	EA		2,126.67	2126.67	0.00
425-74	ADJUST AND/OR RELOCATED EXISTING FIRE HYDRANTS VALVE AND VALVE BOXES (MIAMI-DADE COUNTY ONLY)				2300.00	0.00
425-74-1	MANHOLE AND INLET CLEANING AND SEALING <10'	EA		55.00	55.00	0.00

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

ITEM NO.	ITEM	UNIT	QUANT.	OVERALL AVERAGE	CURRENT SET PRICE	AMOUNT
425-74-2	MANHOLE AND INLET CLEANING AND SEALING >10'	EA		300.00	300.00	
425-76	YARD DRAINS	EA			1000.00	0.00
425-79	CORE AND TIE-IN TO EXIST. DRAINAGE STRUCTURES	EA		570.28	570.28	0.00
425-82B or 425-82C	GRATE, SOLID COVER REPLACE, ADJUST TO PROP. ELEVATION	EA		840.00	840.00	0.00
425-99E	ENERGY DISSIPATING OUTFALLS	EA		9,523.00		0.00
425-720	MODIFY EXISTING DRAINAGE STRUCTURE	EA		1,992.77	585.53	0.00
430-12	STORM SEWER PIPE - 12" DIAMETER RCP	LF			40.00	0.00
430-171-101	PIPE CULVERT - UP TO 24" DIA (ROUND)	LF		35.50	35.50	0.00
430-15 or 430-23 or 430-171-123 or 430-175-115	PIPE CULVERT- 15" DIAMETER / PIPE CULVERT (15" SS)	LF	66			3,113.22
430-18 or 430-171-125 or 430-175-118	PIPE CULVERT- 18" DIAMETER	LF		47.17	47.17	
430-18-15A	PVC PIPE CULVERT- 15" DIAMETER	LF		48.90	48.90	0.00
430-18-18	PIPE CULVERT- 18" DIAMETER HDPE	LF		43.00	43.00	0.00
430-18-24 or 430-175-124	PIPE CULVERT- 24" DIAMETER HDPE	LF		44.00	44.00	0.00
430-18-30	PIPE CULVERT- 30" DIAMETER HDPE	LF		49.00	49.00	0.00
430-18-36 or 430-175-136	PIPE CULVERT- 36" DIAMETER HDPE	LF		59.00	59.00	0.00
430-19-16	DUCTILE IRON PIPE AND FITINGS, 16" DIAMETER	LF		72.50	72.50	0.00
430-19-24	DUCTILE IRON PIPE AND FITINGS, 24" DIAMETER	LF		130.00	130.00	0.00
430-19-36	DUCTILE IRON PIPE AND FITINGS, 36" DIAMETER	LF		210.00	210.00	0.00
430-24 OR 430-171-129	PIPE CULVERT- 24" DIAMETER	LF		450.00	450.00	0.00
430-28	PIPE CULVERT (36" SS)(NON-PERFORATED)	LF		54.37	54.37	0.00
430-30 OR 430-171-133	PIPE CULVERT- 30" DIAMETER	LF		75.00	75.00	0.00
430-36 OR 430-171-138	PIPE CULVERT- 36" DIAMETER	LF		48.16	48.16	0.00
430-48	PIPE CULVERT- 48" DIAMETER	LF		72.84	72.84	0.00
430-90	PIPE CULVERT (STORM SEWER) (90" DIAMETER)	LF		168.00	168.00	0.00
430-94-1	DESILT PIPE (0 TO 24")	LF			300.00	0.00
430-94-2	DESILT PIPE (25" TO 36")	LF		4.18	4.18	0.00
430-94-3	DESILT PIPE (37" TO 48")	LF		7.34	7.34	0.00
430-123A	15" DIAMETER STORM SEWER CLASS II REINFORCED CONCRETE PIPE CULVERT	LF		9.73	9.73	0.00
430-125A	18" DIAMETER CLASS II REINFORCED CONCRETE PIPE CULVERT	LF			35.00	0.00
430-171-202	PIPE CULVERT OPTIONAL MATERIAL (Storm Sewer) (Ellip/Arch) (25" to 36")	LF			40.00	0.00
430-172-125	PIPE CULVERT (ELLIPTICAL) 18"	LF		127.00	127.00	0.00
430-171-129	PIPE CULVERT (ELLIPTICAL) 24"	LF	12	41.94	41.94	0.00
430-171-223	PIPE CULVERT (ELLIPTICAL) 15"	LF		73.00	73.00	876.00
430-171-238	PIPE CULVERT (ELLIPTICAL) 36"	LF			70.00	0.00
430-171-243	PIPE CULVERT 71"x47" ELLIPTICAL (60" ELLIPTICAL EQUIVALENT)	LF		112.19	112.19	0.00
430-172-240	PIPE CULVERT OPTIONAL MATERIAL (42") CROSS DRAIN	LF		441.34	441.34	0.00
430-175-148	84" PIPE CULVERT- (STORM SEWER)	LF			120.00	0.00
430-175-215	PIPE CULVERT (12" X 18" ELLIPTICAL) (15" EQUIVALENT)	LF		487.00	487.00	0.00
430-175-218	PIPE CULVERT (14" X 23" ELLIPTICAL) (18" EQUIVALENT)	LF		42.34	42.34	0.00
430-200-29	FLARE DEND SECTION (CONCRETE 24")	EA		50.40	50.40	0.00
430-610-25	U-ENDWALL WITH GRATE (18")	EA			1200.00	0.00
430-880-1830	FLAP GATE - (PIPE DIAMETER 18" TO 30" OR EQUIVALENT)	EA		2,000.00	2000.00	0.00
430-941-38	PIPE DESILTING (36")	LF		8.00	8.00	0.00
430-982-22	MITERED END SECTION	EA			1300.00	0.00
430-999	RAILROAD CROSSING STEEL CASING PIPE (30") (JACK & CORE + 50LF)	LF		1,100.00	1100.00	0.00
430-1-1208	13"x17" PIPE ARCH CULVERT	LF			60.00	0.00
430-	PIPE CULVERT 71"x47" ELLIPTICAL	LF			150.00	0.00
443-70 OR 443-70-36 OR 443-70-6E OR 443-70-6-3 OR 443-70-6	EXFILTRATION DRAIN- 36" DIAMETER (INCLUDES THE COST OF PERFORATED PIPE, BALLAST ROCK, PLASTIC FILTER FABRIC, EXCAVATION AND BACKFILLING WITH SELECTED FILL MATERIAL)	LF		135.93	135.93	0.00
443-70-4F OR 443-70-5	EXFILTRATION DRAIN (24" DIAMETER) (ALUMINIZED CORRUGATED STEEL PIPE CULVERT) (2 2/3" X 1/2", 16 GAUGE) (INCLUDES THE COST OF PERFORATED PIPE, BALLAST ROCK, EXCAVATION AND BACKFILLING WITH SELECT FILL MATERIAL)	LF	301			40,400.22
443-70-4H OR 443-70-24A OR 443-70-4-2	EXFILTRATION DRAIN (24" DIAMETER) (INCLUDES THE COST OF PERFORATED PIPE, BALLAST ROCK, EXCAVATION AND BACKFILLING WITH SELECT FILL MATERIAL)	LF		89.56	89.56	0.00
443-70-18 OR 443-70-3-2 OR 443-70-3	EXFILTRATION DRAIN- 18" DIAMETER (INCLUDES THE COST OF PERFORATED PIPE, BALLAST ROCK, EXCAVATION AND BACKFILLING WITH SELECTED FILL MATERIAL)	LF		85.58	85.58	0.00
460-5-1830	MANATEE GATE (PIPE DIA. 18" TO 36")	EA		1,340.00	1340.00	0.00
460-5-3648	MANATEE GRATE (PIPE DIA. 36" TO 48")	EA		1,560.00	1560.00	0.00
509-2A	ASPHALT DRIVEWAY RESTORATION (Include base and 1" thick Type Asphaltic concreted)	SY		45.29	45.29	0.00
514-70	PLASTIC FILTER FABRIC (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	SY			2.00	0.00
1100-111-908	8" DIP	LF			50.00	0.00
1100-111-910	10" DIP	LF			50.00	0.00
515-1-2	HANDRAIL (INCLUDES PAINTING)	LF		43.50	43.50	0.00
515-2-301	PEDESTRIAN/BICYCLE RAILING (Steel Only) (42" Picket Railing)	LF		63.00	63.00	0.00
515-2-302	BICYCLE RAILING (ALUMINUM)	LF		89.00	89.00	0.00
515-2-303	PEDESTRIAN/BICYCLE RAILING	LF		111.67	111.67	0.00
515-3 or 515-1-2A	HANDRAIL PIPE (ALUMINUM)	LF		55.28	55.28	0.00
CONCRETE						
520-1-1 OR 520-1-10 or 520-1-10B	CONCRETE CURB AND GUTTER , TYPE "F" (6" CURB, 18" GUTTER) (INCLUDES COST OF LIMEROCK)	LF	803			12,623.16
520-1-15A OR 520-3D	CONCRETE VALLEY GUTTER (VARIABLE WIDTH) (INCLUDING BASE PREPARATION)	LF		17.02	15.72	
520-1-7 or 520-1-7A	CONCRETE CURB & GUTTER [(TYPE "E") (9" CURB, 18" GUTTER)]	LF		15.09	15.09	0.00
520-1-16	CONCRETE VALLEYGUTTER [(2" WIDE)(INCLUDES BASE PREPARATION)]	LF		18.21	18.21	0.00
520-2-10	1' STANDARD GRAY CONCRETE HEADER	LF		12.63	12.63	0.00
520-2-1	CONCRETE CURB (TYPE "A")	LF		20.50	20.50	0.00
520-2-2	CONCRETE CURB (TYPE "B")	LF		21.00	21.00	0.00
520-2-12 or 520-2-12B or 520-2-4A	CONCRETE CURB (TYPE "D")	LF		12.48	12.48	0.00
520-5-3	CONCRETE TRAFFIC SEPARATOR (TYPE IV) 3' WIDE	LF		14.44	14.44	0.00
520-5-4 or 520-5-41B or 520-5-11	CONCRETE TRAFFIC SEPARATOR (TYPE IV / TYPE I) 4' WIDE	LF		27.00	27.00	0.00
520-5-4	CONCRETE TRAFFIC SEPARATOR (TYPE IV) 8.5' WIDE	LF		40.86	40.86	0.00
520-5-42	CONCRETE SEPARATOR (TYPE IV) 6' WIDE	LF		31.00	31.00	0.00
520-70-9	CONCRETE TRAFFIC SEPARATOR (TYPE IV) (V.W. & 4.5')	SY		44.33	44.33	0.00
521-1	CONCRETE BARRIER WALL (INCLUDING STEEL, BRIDGE, AND APPROACH)	LF		36.54	36.54	0.00
521-5-1	CONCRETE TRAFFIC RAILING BARRIER (BRIDGE)(32" F SHAPE)	LF			100.00	0.00
521-6-1	CONCRETE PARAPET (PEDESTRIAN/BICYCLE)	LF		137.50	137.50	0.00
521-70-44A	ROOT BARRIER	LF		95.00	95.00	0.00
521-72-3-1	CONCRETE BARRIER WALL (1.25')	LF		20.00	20.00	0.00
521-72-3-2	CONCRETE BARRIER WALL (1.5')	LF			60.00	0.00
521-72-3-3	CONCRETE BARRIER WALL (2')	LF			100.00	0.00
521-72-5	CONCRETE BARRIER WALL (RIGID SHOULDER)	LF		225.00	225.00	0.00

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

ITEM NO.	ITEM	UNIT	QUANT.	OVERALL AVERAGE	CURRENT SET PRICE	AMOUNT
521-73	REMOVAL OF CONCRETE BARRIER WALK	LF		55.00	55.00	0.00
522-1 OR 522-1(1)	CONCRETE SIDEWALK (4" THICK RESTORATION AND NEW ,CLASS I CONCRETE, 3000 P.S.I) (INCLUDING PEDESTRIAN RAMPS)	SY	355	31.98	30.33	10,767.15
522-2 OR 522-2(1)	CONCRETE SIDEWALK (6" THICK, 3000 P.S.I. CONCRETE AT 28 DAYS) (INCLUDES DRIVEWAYS)	SY	247	40.77	36.52	9,020.44
522-3E	CONCRETE SLAB for BUS BAYS (9" thick)	SY		56.00	56.00	0.00
522-4E	BUS SHELTER PAD(CONCRETE) (8" THICK INCL MESH REINFORCEMENT)	SY		82.50	82.50	0.00
522-8	CONCRETE PAD (10" THICK)	SY		200.00	200.00	0.00
526-1-1	CONCRETE PAVERS (CROSSWALK)	SY		59.50	59.50	0.00
526-1-1A	CONCRETE PAVERS (ROADWAY)	SY		57.37	57.37	0.00
526-1-2	CONCRETE PAVERS (TREE PITS)	SY		60.00	60.00	0.00
526-1-2C	CONCRETE PAVERS (SIDEWALK)	SY		54.00	54.00	0.00
526-1-2F	RESET SALVAGED PAVERS INCL. PAVERS RESTRAINT	SY		137.18	137.18	0.00
526-1-2G	PERMEABLE PAVERS, VEHICULAR RATED	SY		110.00	110.00	0.00
527-3	SAFETY BUFFER ZONE (CONC. W/ MEXICAN PEBBLES)	SF		20.00	20.00	0.00
530-1	RIP RAP (SAND CEMENT)	CY			600.00	0.00
530-1-1	RIP RAP SAND-CEMENT END WALL	CY		254.00	254.00	0.00
530-78	RIP RAP- ARTICULATING BLOCK	SY		65.00	65.00	0.00
BARRIERS GUARDRAIL AND FENCE						
534-72-101	SOUND BARRIERS (INCLUDING FOUNDATION/PERMANNMENT) COST INCLUDES FOUNDATION AND COST OF ANTI-GRAFFITI COATING.	SF		70.00	70.00	0.00
536-1 or 536-1-01	GUARDRAIL (ROADWAY) (INCLUDES THE COST OF SHOP PANELS)	LF		40.86	40.86	0.00
536-1-1B	GUARDRAIL [(ROADWAY) (INCLUDES THE COST OF SHOP BENT PANELS,END ANCHORAGE ASSEMBLY AND 2" X 3' ASPHALT PAD IF REQUIRED)]	LF		42.40	42.40	0.00
536-1-1C	GUARDRAIL (ROADWAY) (INCLUDES THE COST OF SHOP BENT PANELS AND HANDRAIL)	LF			20.00	0.00
536-1-1D	GUARDRAIL (Roadway)	LF		40.00	40.00	0.00
536-1-5	Guardrail Thrie Beam	LF		37.70	37.70	0.00
536-1-9	Guardrail Thrie Beam Double Face	LF		52.40	52.40	0.00
536-2A	GUARDRAIL - SHOP BENT PANELS	LF		60.00	60.00	0.00
536-6 or 536-85-25	END ANCHORAGE ASSEM. TYPE II	EA		1,178.40	1298.00	0.00
536-7	SPECIAL GUARDRAIL POST	EA		283.00	283.00	0.00
536-9	END ANCHORAGE (TYPE IV)	EA		2,228.00	2304.00	0.00
536-73 or 536-73B	GUARDRAIL REMOVAL (INCLUDES DELIVERY AND UNLOADING AT M-DPW 58TH STREET YARD)	LF		10.06	10.06	0.00
536-82	GUARDRAIL ANCHORAGE - CONCRETE BARRIER WALL	EA		2,282.61	2282.61	0.00
536-85-22	END ANCHORAGE ASSEMBLY FLARED	EA		1,726.11	1726.11	0.00
536-84-24A or 536-85-24 or 536-85-24B	END ANCHORAGE ASSEMBLY PARALLEL	EA				0.00
536-85-25	END ANCHORAGE ASSEMBLY TYPE II	EA		2,117.00	2117.00	0.00
536-90	END ANCHORAGE ASSEMBLY TYPE MELT/SRT 350	EA		763.05	763.05	0.00
538-1	GUARDRAIL RESET	EA		5,000.00	5000.00	0.00
544-75-7	QUADGUARD ATTENUATOR (1)	EA			15000.00	0.00
544-75-8	QUADGUARD ATTENUATOR (2)	EA			19000.00	0.00
544-75-40	CRASH CUSION-VEHICULAR IMPACT ATTENUATOR (OPTIONAL)	EA		15,055.56	15055.56	0.00
547-10-1	FABRIC FORMED CONCRETE RIPRAP	SY		157.80	157.80	0.00
548-10-2	FURNISH AND INSTALL RETAINING WALL	SF			28.00	0.00
549-0A	DEMOLITION AND REMOVAL OF CH. LINK FENCE	LF			6.00	0.00
550-10-110	NEW CHAIN LINK FENCE TYPE "A: (TO 5' HIGH) WITH BARBED WIRE	LF		12.22	12.22	0.00
550-2 or 550-2-6 or 550-10-241	FENCING, TYPE "B"	LF		35.60	35.60	0.00
550-2-6A or 550-10-221 or 550-10-220 or 550-10-222	NEW CHAIN LINK FENCE TYPE "B: (6' HIGH) WITH BARBWIRE / FENCING, TYPE "B", 5.1 - 6.0' W/VINYL COATING	LF		22.10	20.96	0.00
550-2-6C	NEW WOOD FENCE (6' HIGH)	LF		21.00	21.00	0.00
550-3-2	CORNER POST ASSEMBLIES	EA			100.00	0.00
550-2-4	NEW CHAIN LINE FENCE TYPE "B: (4' HIGH)	LF			20.00	0.00
550-5	RELOCATE EXISTING FENCE	LF		25.27	25.27	0.00
550-6	END POSTASSEMBLY (TYPE B FENCING)	EA			90.00	0.00
550-10-228	FENCING (TYPE B)(5.1' TO 6' HEIGHT)(RESET EXISTING)	LF		40.54	40.54	0.00
550-10-2210	6' TEMPORARY CHAIN LINK FENCE WITH FABRIC	LF		11.35	11.35	0.00
550-60-135	TYPE "A" SLIDING GATE (20.1' TO 24')	EA		2,222.22	2222.22	0.00
550-60-211	CHAINLINK GATE (0' TO 6' OPENING)	EA		800.00	800.00	0.00
550-60-235	TYPE "B" SLIDING GATE (24.1' TO 30')	EA		3,333.33	3333.33	0.00
550-74	RESETTING EXISTING FENCE	LF		11.00	11.00	0.00
550-74-3	CHAIN LINK FENCE RELOCATION (INCLUDES NEW POST AND MISC. HARDWARE)	LF		30.50	30.50	0.00
550-74-3C	WOOD FENCE RELOCATION	LF		24.00	24.00	0.00
550-74-3G	REMOVAL OF CHAIN LINK FENCE TYPE "B" (6'HIGH) WITH BARBED WIRE	LF		4.38	4.38	0.00
550-74-3J	REMOVAL OF EXISTING FENCE	LF			16.00	0.00
550-74-3L	CHAIN LINK FENCE RELOCATION	LF			18.00	0.00
550-74-4	REMOVAL OF CHAIN LINK FENCE TYPE "B" (4'HIGH) WITH BARBED WIRE	LF			4.00	0.00
550-74-6	REMOVAL OF WOOD FENCE (6' HIGH)	LF			5.00	0.00
550-102-111	RELOCATE EXISTING FENCE TYPE "A" (BARBED WIRED)	LF		11.11	11.11	0.00
550-602-131	RELOCATE EXISTING FENCE TYPE "A" (BARBED WIRED GATE) (OPENING 20.1' TO 24.0')	EA		888.89	888.89	0.00
555-1-1	DIRECTIONAL BORE (< 6")	LF		25.78	25.78	0.00
555-1-2	DIRECTIONAL BORE (< 12")	LF		15.50	15.50	0.00
SODDING AND TREE RELOCATION						
570-1-2	PERFORMCE TURF (SODDING)	SY		2.50	2.50	0.00
575-1-1	SODDING (PENSACOLA BAHIA OR MATCH EXISTING) (INCLUDES WATERING)	SY	107	3.56	3.56	380.92
575-1-1A	SODDING (PENSACOLA BAHIA OR MATCH EXISTING)(INCLUDES WTERING AND MAINTENANCE). (THIS ITEM IS CONTINGENT UPON FIELD CONDITION AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER).	SY			4.00	0.00
575-1-3	SODDING (INCLUDING WATERING) (ARGENTINE BAHIA)	SY		3.00	3.00	0.00
575-1-4	SODDING (SEASHORE PASPALUMS OR MATCH EXISTING) (INCLUDES WATERING)	SY		5.30	5.30	0.00
575-2A	SODDING-St Augustine, or match existing, includes watering and maintenance. Contingent item based on field conditions, may be increased, or decreased by the engineer.	SY		4.00	4.00	0.00
580-02	LANDSCAPING MATERIL (INCLUDES SHRUBS GROUND COVER AND ROOT BARRIER)	LS		65,892.50	65892.50	0.00
580-02A	TREE ROOT BARRIER (COST IS PER PANEL, PANEL IS 1' DEEP BY 2' LONG)	LF		6.28	6.28	0.00
580-3-1	DWARF BOUGAINVILLEA (LANDSCAPING MATERIAL)	EA		9.47	9.47	0.00
580-3-2	FICUS "GREEN ISLAND" (LANDSCAPING MATERIAL)	EA		10.50	10.50	0.00
580-4 OR 580-4-4	TREE PLANTING (LIVE OAKS, 14' TO 16' OVERALL HEIGHT) (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	EA				0.00
				444.00	444.00	
580-4-5	TREE PLANTING (ROYAL PALM, 18' TO 20' OVERAL HEIGHT)(THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	EA			650.00	0.00
580-4-6 OR 580-4-6A	TREE PLANTING (SABAL PLAM, 14' TO 16' OVERALL HEIGHT) (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	EA				0.00
				295.00	295.00	

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

ITEM NO.	ITEM	UNIT	QUANT.	OVERALL AVERAGE	CURRENT SET PRICE	AMOUNT
580-4-7	TREE PLANTING (SABICU, 10' TO 12' OVERALL HEIGHT) (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	EA			250.00	0.00
580-4-8	TREE PLANTING (YELLOW POINCIANA, 12' TO 14' OVERALL HEIGHT)(THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	EA			280.00	0.00
580-4-9	TREE PLANTING (FLORIDA SLASH PINE, 4' TO 6' OVERALL HEIGHT)(THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	EA			15.00	0.00
580-4-31	SHRUB PLANTING 1 GALLON, 12" HT MINIMUM	EA		10.00	10.00	0.00
580-4-33	SHRUB PLANTING 1 GALLON, 12" HT MINIMUM	EA		20.00	20.00	0.00
580-301-2	STAKING AND GUYING PALMS	EA			15.00	0.00
580-322-1A	TREE REMOVAL AND DISPOSAL (0" to 6" Dia.)	EA		100.00	100.00	0.00
580-322-2A or 580-32-01	TREE REMOVAL AND DISPOSAL (6" to 12" Dia.)	EA		271.15	271.15	0.00
580-322-4A	TREE REMOVAL AND DISPOSAL (12" to 24" Dia.)	EA		255.14	255.14	0.00
580-322-5A	TREE REMOVAL AND DISPOSAL (24" to 36" Dia.)	EA		378.38	378.38	0.00
580-322-6	TREE REMOVAL AND DISPOSAL (36" to 55" Dia.)	EA		648.65	648.65	0.00
580-327-1	TREE RELOCATION	EA		817.19	817.19	0.00
580-327B	TREE PLANTING(UP TO 20' O.H.) (PROVIDE LABOR, PLANTING MATERIAL, GUY STAKE WIRES, WATER, ETC). CONTINGENT ITEM, MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	EA		396.00	396.00	0.00
580-327C	TREE PLANTING(UP TO 14' O.H.) (PROVIDE LABOR, PLANTING MATERIAL, GUY STAKE WIRES, WATER, ETC). CONTINGENT ITEM, MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	EA		179.00	179.00	0.00
580-327-4C	TREE REMOVAL (GREATER THAN 55" Dia.)	EA		648.65	648.65	0.00
580-327-6	ROYAL PALM (RELOCATION) QUANTITY MAY BE INCREASED OR DECREASED BY THE ENGINEER. TO BE RELOCATED WITHIN THE LIMITS OF THE PROJECT.	EA		495.00	495.00	0.00
580-327-10 or 580-327-12 or 580-327-12A	TREE REMOVAL (UNDER 12" TO 6") (AS DIRECTED BY THE ENGINEER)	EA		348.57	348.57	0.00
580-327-11	TREE REMOVAL (12" DIA. AND OVER)	EA		506.67	506.67	0.00
580-327-21R	RELOCATION OF TREES (GREATER THAN 6" DIA UP TO 12" DIA)	EA		559.67	474.59	0.00
580-327-22R	RELOCATION OF TREES (UP TO 12" DIAMETER, MEASURED 18" ABOVE GRADE	EA		125.40	125.40	0.00
580-327-23 or 580-327-23R or 580-327-23A	RELOCATION OF TREES (GREATER THAN 12" DIA UP TO 24" DIA)	EA		615.20	615.20	0.00
580-327-24 or 580-327-24R	RELOCATION OF TREES (GREATER THAN 24" DIA UP TO 36" DIA)	EA		1,288.19	1288.19	0.00
580-327-25R	RELOCATION OF TREES (GREATER THAN 36" DIA UP TO 54" DIA)	EA		1,297.30	1297.30	0.00
580-327-31	TREE RELOCATION (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	EA			1500.00	0.00
580-327-32	TREE RELOCATION (GREATER THAN 12" TO 18" DIAMETER)	EA		2,000.00	2000.00	0.00
580-327-32B	REMOVAL OF EXISTING CANOPY TREE	EA		470.00	470.00	0.00
580-327-32C	RELOCATION OF EXISTING ROYAL PALMS	EA		1,700.00	1700.00	0.00
580-332-2	TREE RELOCATION OR REPLACEMENT [(GREATER THAN 6" TO 12" DIA. INCLUDES WATERING AND MAINTENANCE)]	EA		900.00	900.00	0.00
580-332-5	TREE PLANTING (COCONUT PALMS)(THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	EA		476.00	476.00	0.00
580-336	TREE TRIMMING	EA		565.00		0.00
581-01A	METAL TREE GRATE (FURNISH AND INSTALL)(INCLUDE INSTALATION OF CONC. COLLAR,ROOT GUARD,TREE GRATE,AND EXCAVATION OF THE TREE PITS, ACCORDING TO SPECIFICATION AND..)	EA		1,350.00	1350.00	0.00
581-2-12	ORANGE GEIGER TREE (CORDIA SEBESTANA)	EA		200.00	200.00	0.00
581-2-13	TEXAS GEIGER TREE (CORDIA VIRGINIANA)	EA		200.00	200.00	0.00
582-19-61 OR 582-19-61A	GLAUCOUS CASSIA (SENNA SURATTENISS) (10' HT, 3'SPD, 2.5 CAL)	EA		295.00	295.00	0.00
582-52B	TREE PLANTING SPANISH STOPPER (EUGENIA FOETIDA)	EA		450.00	450.00	0.00
583-7-0	WHITE CRAPE MYRTLE[(LAGERSTROEMIA INDICA) (8' TO 10' OVERALL HT.) (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)]	EA			230.00	0.00
583-7-1	QUEEN'S CRAPE MYRTLE[(LAGERSTROEMIA SPECIOSA) (12' TO 14' OVERALL HT.) (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)]	EA			350.00	0.00
583-8	YELLOW POINCIANA[(PELTOPHORUM PTEROCARPUM) (18' TO 20' OVERALL HT.) (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)]	EA			700.00	0.00
583-12-12(M)	TREE PLANTING MAHOGNY (SWITENIA MAHOGANI)	EA		550.00	550.00	0.00
583-19-33A	QUERCUS VIRGINIANA (LIVE OAK)	EA		450.00	450.00	0.00
583-52-5(M)	TREE PLANTING GUMBO LIMBO (BURSERA SIMARUBA)	EA		550.00	550.00	0.00
590-32	2" PVC SCH. 40 (IRRIGATION SLEEVE)	LF			11.00	0.00
590-34	4" PVC SCH. 40 (IRRIGATION SLEEVE)	LF			13.00	0.00
590-36	6" PVC SCH. 40 (IRRIGATION SLEEVE)	LF			15.00	0.00
IRRIGATION						
590-70	IRRIGATION SYSTEM	LS		58,875.00		0.00
SIGNALIZATION						
600-1	MAINTENANCE OF EXISTING, NEW OR TEMPORARY SIGNALIZATION SYSTEM (INCLUDES TEMPORARY SERVICE IF NECESSARY)	LS		29,538.00		0.00
620-1-1	GROUNDING ELECTRODE	LF	350	12.14	12.14	4,249.00
630-1-12	CONDUIT 2" PVC, UNDERGROUND	LF	430	13.14	13.14	5,650.20
630-1-12A	CONDUIT 1 1/2" RIGID UNDERGROUND/UNDERCLASSIFIED SERVICE	LF		18.00	18.00	0.00
630-1-12B	CONDUIT 2-2" PVC INTERCONNECT	LF		22.50	22.50	0.00
630-1-13 OR 630-1-13D	CONDUIT 2" PVC UNDER PAVEMENT (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASE OR ELIMINATED BY THE ENGINEER)	LF	720	25.15	23.72	17,078.40
630-1-13B	INTERCONNECT CONDUIT (2-2" PVC UNDERPAVEMENT)	LF		20.00	20.00	0.00
630-1-14	CONDUIT 2" PVC (UNDER GROUND DIRECTIONAL BORE)	LF			45.00	0.00
630-1-14A	CONDUIT 2" PVC CODUIT IN SAME DIRECTIONAL BORE HOLE)	LF		4.75	4.75	0.00
630-1-16 or 630-1-16B	CONDUIT 2" PVC INSTALLED IN OPEN TRENCH (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	LF	1540	7.31	7.31	11,257.40
630-1-16A or 630-1-16B	CONDUIT 2-2" PVC INTERCONNECT INSTALLED IN OPEN TRENCH (CONDUITS FOR SIGNAL INTERCONNECT AND LIGHTING PLACED IN THE SAME TRENCH WILL BE PAID UNDER THIS ITEM)	LF		4.40	4.40	0.00
632-7-1	TRAFFIC CONTROL CABLE	PI		3,884.67	3884.67	0.00
632-7-1A	TRAFFIC CONTROL CABLE (11-21 CONDUTOR)	LF	930	4.41	4.41	4,101.30
632-7-1B	TRAFFIC CONTROL CABLE (4-7 CONDUTOR)	LF	1240	4.02	4.02	4,984.80
632-8-212	INTERCONNECT CABLE	LF		3.66	3.66	0.00
632-8-412	INTERCONNECT CABLE 92 PAIR, 4 CONDUCTOR 14 GAUGE	LF		7.00	7.00	0.00
635-1-11	PULL BOX, METER TYPE (POLYMER)	AS		545.37	472.15	0.00
635-1-11A	PULL BOX ES [(METER TYPE) INSTALLED AT 2500' INTERVALS]	EA			600.00	0.00

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

ITEM NO.	ITEM	UNIT	QUANT.	OVERALL AVERAGE	CURRENT SET PRICE	AMOUNT
635-1-11 I or 635-1-11D or 635-1-11G	PULL AND JUNCTION BOXES (INCLUDING GROUNDING ELECTRODE)	AS	28	529.40	529.40	14,823.20
635-1-11(1)	INTERCONNECT PULL BOX SPECIAL (24"X35",30" DEEP) (INCLUDES 5/8"X10' GROUND ROD COPPER CLAD INTERCONNECT AND SPECIAL PULLING DEVICE)	EA		1,297.75	1297.75	0.00
635-1-111	INTERCONNECT PULL BOX ((24" X 36", 30 DEEP)(INCLUDES 5/8" X 10'. GROUND ROD, COPPER CLAD INTERCONNECT AND SPECIAL PULLING DEVICE))	EA			600.00	0.00
635-1-111A	PULL BOX, SPECIAL (INTERCONNECT)(INCLUDES GROUND ROD)	AS		1,547.50	1547.50	0.00
635-1-111B	PULL BOX, SPECIAL (INTERCONNECT)(INCLUDES GROUND ROD)	EA			600.00	0.00
635-1-11A	ELECTRICAL POWER SERVICES	AS		1,548.41	1548.41	0.00
635-1-112	EXPLORATORY	EA		175.00	175.00	0.00
639-1-12A	SIGNALS- ELECTRICAL POWER SERVICE (OVERHEAD) (PURCHASED BY CONTRACTOR FROM POWER COMPANY)	AS		953.00	953.00	0.00
639-1-13	ELECTRICAL POWER SERVICES (INCLUDES NEMA-3R RAIN-TIGHT INCLOSURE, DISCONNECT SWITCH, POLE CONDUIT)	EA	2	2,367.98	2367.98	4,735.96
639-1-13A	ELECTRICAL SERVICE (INCLUDE NEMA-3R DISCONNECT SWITCH, POLE CONDUIT)	AS		2,174.33	2174.33	0.00
639-1-13C	ELECTRICAL POWER SERVICES	AS		2,150.00	2150.00	0.00
639-1-23	ELECTRICAL POWER SERVICES (UNDERGROUND)	AS		2,363.00	2363.00	0.00
639-2-1 or 639-2-1G or 639-2-1-1	SERVICE WIRE(#6 AWG WITH THW INSULATION)(THREE CONDUCTOR SET)(BLACK,WHITE AND GREEN)]	LF	280	4.02	4.02	1,125.60
639-2-1A	SERVICE WIRE [#6 AWG WITH THW INSULATION] (THREE CONDUCTOR SET) (BLACK, WHITE AND GREEN)]	PI			250.00	0.00
639-3-11	ELECTRICAL SERVICE (Includes Nema-3R Disconnect Switch) POLE CONDUIT	AS		2,140.00	2140.00	0.00
639-3-12	ELECTRICAL SERVICE DISCONNECT	EA		1,100.00	1100.00	0.00
641-2-12	Prestressed Concrete Poles (F & I) (Type P II Service Pole)	EA	2	2,000.00	2000.00	4,000.00
646-1-11	ALUMINUM SIGNALS POLE, (Furnish & Install) (Pedestal)	EA	2	1,500.00	1500.00	3,000.00
647-11-00	CUT MAST ARM AND INSTALL END CAP	EA			560.00	0.00
647-11-20	MAST ARM COMBINATIONS, STANDARD DADE CO. 20' ARM DS-6	AS			14100.00	0.00
647-11-22	MAST ARM COMBINATION, (STD. TYPE DS-7) (22' ARM)	AS		8,638.00	8638.00	0.00
647-11-24	MAST ARM COMBINATIONS, STANDARD DADE CO. CLASS (DS-8) (24' ARM)	AS			9427.00	0.00
647-11-26	MAST ARM COMBINATIONS, STANDARD DADE CO. CLASS (DS-9) (26' ARM)	AS		10,048.07	10048.07	0.00
647-11-28 or 647-11-28A	MAST ARM COMBINATION, STANDARD [(28' ARM) (DS-10)]	AS		11,497.00	11497.00	0.00
647-11-30	MAST ARM COMBINATION STANDARD DADE CO. CLASS DS-11	AS		11,282.00	11282.00	0.00
647-11-32	MAST ARM COMBINATION STANDARD, DADE CO. CLASS DS-12	AS	1	12,045.32	12045.32	12,045.32
647-11-34 or 647-11-34A	MAST ARM STANDARD [(34' ARM) (DS-13)]	AS		12,918.32	12918.32	0.00
647-11-36	MAST ARM STANDARD [(36' ARM) (DS-20)]	AS		12,580.75	12580.75	0.00
647-11-36A	MAST ARM STANDARD [(DS-14)]	AS		13,783.18	13783.18	0.00
647-11-38	MAST ARM COMBINATION STANDARD (38' ARM) (DS-15)	AS		13,152.86	13152.86	0.00
647-11-40	MAST ARM STANDARD [(40' ARM) (DS-16)]	AS		14,739.00	14739.00	0.00
647-11-42	MAST ARM STANDARD [(42' ARM) (DS-17)]	AS		15,038.29	15038.29	0.00
647-11-44	MAST ARM STANDARD (44' ARM) (DS-18)	AS		17,385.00	17385.00	0.00
647-11-46A	MAST ARM STANDARD (46' ARM) (DS-19)	AS		15,103.70	15103.70	0.00
647-11-48 or 647-11-48A	MAST ARM STANDARD (48' ARM) (DS-20)	AS		16,609.73	16609.73	0.00
647-11-50A	MAST ARM STANDARD (50' ARM) (DS-21)	AS		18,619.48	18619.48	0.00
647-11-51	MAST ARM COMBINATIONS, STANDARD DS-22	AS		22,193.00	22193.00	0.00
647-11-52	MAST ARM STANDARD (52' ARM) (DS-22)	AS		19,863.00	19863.00	0.00
647-11-53	MAST ARM COMBINATIONS, STANDARD DS-23	AS		22,890.00	22890.00	0.00
647-11-54	MAST ARM COMBINATION (STANDARD TYPE) (DS-23) (54' ARM).	AS		20,342.22	20342.22	0.00
647-11-56	MAST ARM STANDARD [(56' ARM) (DS-30)]	AS		20,280.00	20280.00	0.00
647-11-56A	MAST ARM STANDARD [(56' ARM) (DS-24) SPECIAL DESIGN]	AS	1	22,545.75	22545.75	22,545.75
647-11-58	MAST ARM STANDARD [(58' ARM)(DS-25)]	AS		20,650.25	20650.25	0.00
647-11-60	MAST ARM STANDARD (60' ARM) (DS-26)	AS		21,472.08	21472.08	0.00
647-11-62A	MAST ARM STANDARD (62' ARM) (DS-27)	AS		21,000.00	21000.00	0.00
647-11-64	MAST ARM STANDARD [(64' ARM) (DS-28)]	AS		18,509.64	18509.64	0.00
647-11-66	MAST ARM STANDARD [(66' ARM) (DS-31)]	AS		21,000.00	21000.00	0.00
647-13-68	MAST ARM COMBINATION STANDARD (STEEL DOUBLE ARM, 68') (DS-30)	AS		24,000.00	24000.00	0.00
647-11-70	MAST ARM STANDARD [(70' ARM) (DS-31)]	AS		28,560.00	28560.00	0.00
647-13-74 or 647-11-74A	MAST ARM ASSEMBLY (74')	AS		27,005.67	27005.67	0.00
647-11-72	MAST ARM STANDARD (DS 32)	AS		32,291.00	32291.00	0.00
647-11-78	MAST ARM STANDARD (DS 35)	AS		30,000.00	30000.00	0.00
647-11-80	MAST ARM COMBINATION STANDARD [(80' ARM) (DS-36)]	AS			17000.00	0.00
649-31-101	Steel Mast Arm Assembly, (F&I), Wind Speed 150 MPH, Single Arm, (36)	EA	1	20,000.00	20000.00	20,000.00
649-31-102	Steel Mast Arm Assembly, (F&I), Wind Speed 150 MPH, Single Arm, (46)	EA	3	20,500.00	20500.00	61,500.00
649-31-104	STEEL MAST ARM ASSEMBLY (F&I), WIND SPEED 150MPH,SINGLE ARM,W/OLUMINAIRE-70.5	AS		22,654.00	22654.00	0.00
649-31-105	STEEL MAST ARM ASSEMBLY (F&I), WIND SPEED 150MPH,SINGLE ARM,W/OLUMINAIRE-78	AS		23,130.00	23130.00	0.00
649-440	MAST ARM ASSEMBLY (SPECIAL DESIGN)	AS			30000.00	0.00
650-1-111	TRAFFIC SIGNAL, 1 WAY, 1 SECTION, 12" STANDARD ALUMINUM AND LAMPS	AS		685.60	685.60	0.00
650-1-131 or 650-51-313 or 650-51-311A	TRAFFIC SIGNAL (1 WAY, 3 SECTIONS, 12" STANDARD ALUMINUM) (COMPLETE WITH HORIZONTAL MOUNTING BRACKET & LAMPS)	AS	15	1,022.67	1022.67	15,340.05
650-1-141	TRAFFIC SIGNAL, 12" STANDARD ALUMINUM (4 SECTION, 1WAY)	AS		1,382.50	1382.50	0.00
650-1-151 or 650-51-511 or 650-51-513	TRAFFIC SIGNAL, (1 WAY, 5 SECTION, 12" STANDARD ALUMINUM) (COMPLETE WITH HORIZONTAL MOUNTING BRACKET AND LAMPS)	AS	1	1,544.10	1544.10	1,544.10
650-51-323	TRAFFIC SIGNAL (2 WAY, 3 SECTIONS, 12" STANDARD ALUMINUM) (COMPLETE WITH HORIZONTAL MOUNTING BRACKET & LAMPS)	AS		1,877.00	1877.00	0.00
650-51-413 or 650-51-411	TRAFFIC SIGNAL 1 WAY 4 SECTIONS	AS		1,664.00	1664.00	0.00
650-2-111	TRAFFIC SIGNAL 1-WAY, 1-SECTION 12" OPTICALLY PROGRAMMED LENS	AS			600.00	0.00
650-9-151	TRAFFIC SIGNAL, 12" STD, 5 SECTION CLUSTER - (FURNISH AND INSTALL, ALUMINUM, 1-WAY, COMPLETE, INCLUDING SINGLE DOOR, QUICK DISCONNECT HANGER AND TUNNEL VISORS, REGULAR OR LOUVERED)	AS		1,800.00	1800.00	0.00
650-54-511 or 650-54	RELOCATION OF TRAFFIC SIGNAL	AS			800.00	0.00
653-171	PEDESTRIAN SIGNAL, NEON INT'L SYMBOL, LOW WATTAGE	AS		1,041.00	1041.00	0.00
653-191	PEDESTRIAN SIGNAL, LED COUNTDOWN (1 DIRECTION)	AS	8	957.85	957.85	7,662.80
653-192	PEDESTRIAN SIGNAL, LED COUNTDOWN (2 DIRECTION)	EA		1,800.00	1800.00	0.00
659-107	ALUMINUM PEDESTAL 4" I.D. (UP TO 20')	EA	1	1,491.27	1491.27	1,491.27
659-106	SIGNAL HEAD AUXILIARIES (tunnel visors)	EA		89.50	89.50	0.00
659-107A	SIGNAL HEAD AUXILIARIES	EA		1,121.00	1121.00	0.00
659-112	SIGNAL HEAD AUXILIARIES (mounting brackets)	EA		198.66	198.66	0.00
659-101-1	SIGNAL HEAD AUXILIARIES (back plates)	EA		235.00	235.00	0.00
660-1-109	LOOP VEHICLE DETECTOR AMPLIFIER (RELAY OUTPUT- RACK MOUNTED TYPE 170 CABINET)	EA	3	221.45	221.45	664.35
660-1-109-1	INDUCTIVE LOOP DETECTOR (TYPE 1, 1 CHANNEL, R, S)	EA			300.00	0.00
660-2-109 or 660-1-109B	INDUCTIVE LOOP DETECTOR (TYPE 9)	EA		235.56	207.58	0.00
660-2-101	LOOP ASSEMBLY	AS	5	920.12	920.12	4,600.60
660-2-101M	LOOP ASSEMBLY (TYPE A MODIFIED FOR BICYCLE DETECTION)	AS		985.00	985.00	0.00
660-2-106	LOOP ASSEMBLY (TYPE F MODIFIED FOR BICYCLE DETECTION)	AS		1,000.00	1000.00	0.00
660-2-199	LOOP ASSEMBLY (TYPE A MODIFIED, 5' X 30' TURN LANES, 6' X 30' THROUGH LANES)	AS		1,094.67	1094.67	0.00
660-4-4	LOOP LEAD- IN CABLE (NO. 14 A.W.G.)	PI		767.75	1023.00	0.00
660-4-4A	LOOP LEAD IN CABLE (NO. 14 A.W.G.)	LF	450	2.01	2.01	904.50

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

ITEM NO.	ITEM	UNIT	QUANT.	OVERALL AVERAGE	CURRENT SET PRICE	AMOUNT
663-74-11	VEHICLE DETECTOR ASSEMBLY (OPTICAL TYPE)	EA		5,216.00	5216.00	0.00
663-74-15	VEHICLE DETECTOR ASSEMBLY, (F & I) (VIDEO)	EA		3,718.00	3718.00	0.00
665-11	PEDESTRIAN DETECTOR (INCLUDES PUSH BUTTON SIGN)	EA	4	333.20	333.20	1,332.80
665-12 or 665-12A	PEDESTRIAN DETECTOR WITH POST (INCLUDES 3" ID PEDESTAL)	EA		1,395.73	1395.73	0.00
670-5-420 or 671-2-42 or 672-1-3	TRAFFIC CONTROLLER ASSEMBLY (Modify) (170)	AS	2	2,750.00	500.00	1,000.00
671-2-12	TRAFFIC CONTROLLER (F & i) (MODEL 170)	EA		17,262.78	17262.78	0.00
672-1-1 or 670-5-120 or 670-5-12	MODEL 170 TRAFFIC CONTROLLER ASSEMBLY (WIRED, COMPLETE WITH DC-552A CABINET AND CONTROLLER BASE)	AS		19,967.81	19967.81	0.00
672-2-1	MODEL 170 TRAFFIC CONTROLLER ASSEMBLY (EXTENDED)	EA			20000.00	0.00
676-110-110 or 676-110-110A	CONTROLLER CABINET POLE MOUNTED - [(INCLUDES CIRCUIT BREAKER, RELAYS & LIGHTNING SUPPRESSOR, AND FLASHER TYPE 3)]	EA		1,610.00	1610.00	0.00
676-14-610	CONTROLLER CABINET (MODEL 170) (MODIFY)	AS			1000.00	0.00
678-1-106	FLASHER TYPE 3	EA		80.00	80.00	0.00
678-1-113 or 678-1-116C	PROGRAMMABLE TIME SWITCH - (SOLID STATE, 4 CIRCUIT, SEE SPECIAL PROVISIONS)	EA		966.67	966.67	0.00
678-1-113C	SOLAR PAGER PROGRAMMABLE TIME SWITCH	EA		935.00	935.00	0.00
685-120	SYSTEM AUXILIARIES (TELEMETRY TRANSCIEVER)	EA		1,230.38	1525.50	0.00
685-124	SYSTEM AUXILIARIES (UNIVERSAL ADAPTER)	EA		1,226.88	1520.83	0.00
685-165	SOLAR ENGINE (INCLUDES ELECTRONICS, BATTERIES & SOLAR PANELS), DUAL LED SIGNAL INCLUDING HOUSING AND MOUNTING HARDWARE	AS		6,233.34	6233.34	0.00
690-10	REMOVE TRAFFIC SIGNAL HEAD ASSEMBLY	EA		72.36	72.36	0.00
690-20	REMOVE PEDESTRIAN SIGNAL HEAD ASSEMBLY	EA		75.02	75.02	0.00
690-30	REMOVE TRAFFIC POLES	EA		1,025.00	1025.00	0.00
690-31	REMOVE SIGNAL PEDESTAL	EA		67.00	67.00	0.00
690-33-1	POLE REMOVAL (DEEP) DIRECTIONAL BURIAL	EA		1,009.56	798.25	0.00
690-40	REMOVE MAST ARM ASSEMBLY	EA		877.33	877.33	0.00
690-50	REMOVE CONTROLLER ASSEMBLY	EA		577.92	577.92	0.00
690-60	REMOVE VEHICLE DETECTOR ASSEMBLY	EA		91.25	91.25	0.00
690-70	REMOVE PEDESTRIAN DETECTOR ASSEMBLY	EA		133.37	133.37	0.00
690-80	REMOVE SPAN WIRE ASSEMBLY	EA		512.74	512.74	0.00
690-90	REMOVE CABLING AND CONDUIT	PI		873.93	873.93	0.00
690-100	REMOVE MISCELLANEOUS SIGNAL EQUIPMENT (PULL BOXES)	PI		1,177.95	1177.95	0.00
PAVEMENT MARKING AND SIGNAGE						
699-1-01 OR 699-1-1A	INTERNALLY ILLUMINATED SIGN	AS	7	2,693.33	2693.33	18,853.31
700-1-13	ROADSIDE SIGN [(SPEED LIMIT 40 MPH (R2-1)	AS			150.00	0.00
700-1-13I	ROADSIDE SIGN(SPEED ZONE AHEAD - R2 - 5C)(W3-2A)	AS			250.00	0.00
700-1-13H	ROADSIDE SIGN(SPEED ZONE AHEAD -R2-5C)(S1-1)	AS			200.00	0.00
700-1-13D	ROADSIDE SIGN [(KEEP RIGHT SYMBOL)(R4-7) (24" X 30")(WITH POST)].	AS			150.00	0.00
700-1-14	ROADSIDE SIGN (STOP) (R1-1)	AS			150.00	0.00
700-1-14D	ROADSIDE SIGN (ADVANCE SCHOOL CROSSING SYMBOL) (S1-1)	AS			150.00	0.00
700-1-15	ROADSIDE SIGN [(YIELD) (R1-2) (36"X36" X36") (WITH POST)]	AS			175.00	0.00
700-1-15E	ROADSIDE SIGN (NO STOPPING OR STANDING-TOW AWAY ZONE) (R7-4C) (SIGN TO BE STRAPPED TO STREET LIGHT POLE)	EA			100.00	0.00
700-1-16	ROADSIDE SIGN [(STOP/STREET NAME) (R1-1/ D3-1)	AS		230.00	230.00	0.00
700-1-25	ROADSIDE SIGN(ONE WAY RIGHT - R6-1R)	AS			150.00	0.00
700-20-4 or 700-20-40	RELOCATE EXISTING SIGNS, SINGLE POST	AS		111.86	111.86	0.00
700-40-1/700-20-11 or 700-40-1-S	ROADSIDE SIGN INCLUDING POST AND STRAPS (SEE PLAN SHEET FOR SIGN DESCRIPTION)	AS	11	247.43	247.43	2,721.73
700-21-11 or 700-21-40	MULTI-POST SIGN	AS		3,089.00	3089.00	0.00
700-40-1A	OM - 3L (SEE DRAWINGS)	EA			150.00	0.00
700-40-1B	OM - 3R (SEE DRAWINGS)	EA			150.00	0.00
700-40-1L	LARGE DOUBLE ARROW SIGN (W1-7)	EA			45.00	0.00
700-40-2 or 700-20-12	ROADSIDE SIGN INCLUDING POST AND STRAPS 12 TO 25 SF	EA		451.75	451.75	0.00
700-40-4	GATEWAY SIGN	EA			1900.00	0.00
700-41-10	SIGN, MULTI-POST (LESS THAN 50 SF)	EA		489.28	489.28	0.00
700-46-1 or 700-20-6 or 700-20-60	REMOVE EXISTING SIGN	EA		74.15	38.67	0.00
700-46-11	REMOVE EXISTING ROADSIDE SIGNS <12 S.F.	EA	4	50.00	50.00	200.00
700-46-12A	REMOVE EXISTING MULTI-POST SIGN	EA		553.00	553.00	0.00
700-46-21	RELOCATE EXISTING STOP SIGN, SINGLE POST	AS	5	104.50	104.50	522.50
700-48-60	REMOVE EXISTING SIGN (OVERHEAD MOUNT)	EA		189.14	189.14	0.00
700-48-60B	REMOVAL OF SIGN PANEL	EA		39.91	39.91	0.00
700-48-11-1	SIGN PANEL (F&I < 100 S.F.)	EA		339.00	339.00	0.00
700-48-18,700-48-58	SIGN PANEL (LESS THAN 15 SF.)	EA	1	397.92	333.48	333.48
700-72,700-48-48	RELOCATE EXISTING SIGNS	EA		115.33	115.33	0.00
700-82 or 700-82A	STREET NAME SIGN (D3-1S)	EA		446.00	446.00	0.00
700-84-1B	ROADSIDE SIGN (STREET NAME - D3 - 1) (D11-1)	AS		193.00	193.00	0.00
700-84-011	ROADSIDE SIGN(NO TURN ON RED) (R10 -11A) (WITH POST)]	AS			150.00	0.00
705-10-11 or 705-10-1A	OBJECT MARKER	EA		144.00	144.00	0.00
705-2	DELINEATOR, SINGLE UNIT	EA		81.00	81.00	0.00
706-1-12 or 706-3	REFLECTIVE PAVEMENT MARKERS (CLASS B, MONO OR BI-DIRECTIONAL, ALL COLORS)	EA		4.46	4.46	0.00
706-1-12A or 706-71-2-4	REFLECTIVE PAVEMENT MARKERS PERMANENT (BI-DIRECTIONAL) AMBER/AMBER	EA	211	4.54	4.54	957.94
706-1-12B or 706-71-2-3	REFLECTIVE PAVEMENT MARKERS PERMANENT (CLEAR AND RED)	EA	114	4.47	4.47	509.58
706-1-12D	REFLECTIVE PAVEMENT MARKERS PERMANENT (BI-DIRECTIONAL AMBER/AMBER)	EA		4.73	4.73	0.00
706-1-12G	REFLECTIVE PAVEMENT MARKER (BI-DIRECTIONAL RED/COLORLESS)	EA		5.00	5.00	0.00
706-1-13B	REFLECTIVE PAVEMENT MARKER PERMANENT (CLASS B) (BI-DIRECTIONAL)(CLEAR/RED)]	EA			5.00	0.00
706-2	REMOVAL OF EXISTING PAVEMENT MARKERS	EA			10.00	0.00
706-48	RELOCATED EXIST. SIGN AND TWO POSTS INCLUDING BASE AND FOOTING	AS			800.00	0.00
710-11-111	PAINTED PAVEMENT MARKINGS (STANDARD) (WHITE) (SOLID) (6")	NM		850.00	850.00	0.00
710-11-124	PAINTED PAVEMENT MARKINGS (STANDARD, WHITE, SOLID, 18")	LF		1.00	1.00	0.00
710-11-125	PAINTED PAVEMENT MARKINGS (STANDARD, WHITE, SOLID, 24")	LF		1.00	1.00	0.00
710-11-160	PAINTED PAVEMENT MARKINGS (STANDARD, WHITE, MESSAGE)	EA		92.45	92.45	0.00
710-11-170	PAINTED PAVEMENT MARKINGS (STANDARD, WHITE, ARROWS)	EA		20.00	20.00	0.00
710-11-211	PAINTED PAVEMENT MARKINGS (STANDARD) (YELLOW) (SOLID) (6")	NM		850.00	850.00	0.00
710-11-222	PAINTED PAVEMENT MARKINGS (STANDARD, YELLOW, SOLID, 18")	LF		1.00	1.00	0.00
710-11-241	PAINTED PAVEMENT MARKINGS (STANDARD) (YELLOW) (SKIP) (6")	LF		0.30	0.30	0.00
710-11-290	PAINTED ISLAND NOSE	SF		11.34	2.68	0.00
710-25-81	SOLID TRAFFIC STRIPE (8" WHITE)	LF		0.54	0.54	0.00
710-25-121	SOLID TRAFFIC STRIPE (12" WHITE)	LF		0.65	0.65	0.00
710-26-125A	SOLID TEMPORARY MARKING 12" TO 24"(YELLOW OR WHITE) (INCLUDING DIRECTIONAL ARROWS)	LF			0.85	0.00
710-26-126	SOLID TEMPORARY PAVEMENT MARKING 6" STRIPE	LF		0.35	0.35	0.00
710-27	SKIP TRAFFIC STRIPE(10' - 30') (6" WHITE)	LF		0.20	0.20	0.00
710-27-61	SKIP TRAFFIC STRIPE(6' - 10') (6" WHITE)	LF		0.25	0.25	0.00
710-28	SKIP TRAFFIC STRIPE(10' - 30') (6" YELLOW)	LF		0.20	0.20	0.00
710-30	REFLECTIVE PAINT (ISLAND NOSE)(6" YELLOW)	SY		15.67	15.67	0.00
711-1711-11-141B	SKIP TRAFFIC STRIPE(10' STRIPE, 30' SPACE) (6" WIDE) (WHITE, THERMOPLASTIC)	LF	1780	0.86	0.86	1,530.80

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

ITEM NO.	ITEM	UNIT	QUANT.	OVERALL AVERAGE	CURRENT SET PRICE	AMOUNT
711-1A/711-11-241	SKIP TRAFFIC STRIPE((10' STRIPE, 30' SPACE) (6" WIDE)(YELLOW, THERMOPLASTIC)	LF		0.89	0.89	0.00
711-2 / 711-11 / 711-11-141 / 711-11-156	SKIP TRAFFIC STRIPE (6' STRIPE, 10' SPACE) (WHITE THERMOPLASTIC) (6" WIDE)	LF	102			78.54
711-3/ 711-3A/ 711-3(2)/711-11-160/711-3E	PAVEMENT MESSAGES [(ONLY/MERGE/SCHOOL/RR) (THERMOPLASTIC)]	EA		0.77	0.77	0.00
711-11-260	MESSAGES YELLOW THERMOPLASTIC	EA		109.86	109.86	0.00
711-11-270	DIRECTIONAL ARROWS YELLOW THERMOPLASTIC	EA		110.00	110.00	0.00
711-4 / 711-11-170	DIRECTIONAL ARROWS (THERMOPLASTIC)	EA	10	56.50	56.50	0.00
711-4A	DIRECTIONAL ARROWS (THERMOPLASTIC)(12 SF)	EA		58.12	58.12	581.20
711-4B	DIRECTIONAL ARROWS (THERMOPLASTIC)(16 SF)	EA		47.00	47.00	0.00
711-4D	DIRECTIONAL ARROWS THERMOPLASTIC (27SF)	EA		53.00	53.00	0.00
711-4E	DIRECTIONAL ARROWS THERMOPLASTIC(SPECIAL)	EA		70.00	70.00	0.00
711-5/711-11-151	GUIDELINES [(6" DOTTED) (2'-4' WHITE) (THERMOPLASTIC)]	LF		106.00	106.00	0.00
711-5A or 711-11-251	GUIDELINES [(6" DOTTED) 2'-4' YELLOW (THERMOPLASTIC, LEAD FREE)].	LF		1.24	1.24	0.00
711-5-1 or 711-33	SKIP TRAFFIC, 2' OF 6" WHITE THERMOPLASTIC 4' SKIP	LF		1.12	1.12	0.00
711-6-61	SOLID TRAFFIC STRIPE (6" WHITE)	LF		1.20	1.20	0.00
711-6-61A	SOLID TRAFFIC STRIPE (6" YELLOW)	LF		0.74	0.74	0.00
711-6-81 OR 711-35-81	SOLID TRAFFIC STRIPE (8" WHITE) (THERMOPLASTIC)	LF		0.69	0.69	0.00
711-6-121	SOLID TRAFFIC STRIPE (12" WHITE THERMOPLASTIC)	LF		1.13	1.13	0.00
711-6-241A OR 711-11-180	YIELD TRAFFIC STRIPE (24" WHITE)	LF		1.83	1.83	0.00
711-7 OR 711-7-1	REMOVE EXISTING PAVEMENT MARKINGS	SF		2.76	2.76	0.00
711-11	SKIP TRAFFIC STRIPE, 6' 6" WHITE THERMOPLASTIC -10' SKIP	LF		3.77	3.77	0.00
711-17	REMOVAL (THERMOPLASTIC)	SF		0.90	0.90	0.00
711-23-61	SOLID TRAFFIC STRIPE (6" WHITE)	NM		2.94	2.94	0.00
711-24-61	SOLID TRAFFIC STRIPE (6" YELLOW)	NM		1,584.15	1584.15	0.00
711-33C OR 711-11-141 OR 711-11-141B	SKIP TRAFFIC STRIPE (10'-30', 6" WHITE)	LF		1,283.00	1283.00	0.00
711-34 / 711-11-241	SKIP TRAFFIC STRIPE (6'-10') 6" YELLOW THERMOPLASTIC	LF	86	0.83	0.83	0.00
711-11-131	SKIP TRAFFIC STRIPE (6" WHITE) THERMOPLASTIC	GM		0.79	0.79	67.94
711-34-61	SOLID TRAFFIC STRIPE, 6" WIDE - (YELLOW, THERMOPLASTIC)	LF		1,197.62	1197.62	0.00
711-35-61 or 711-11-121	SOLID TRAFFIC STRIPE (6" WHITE) (THERMOPLASTIC)	LF		0.85	0.85	0.00
711-35-81 or 711-11-122	SOLID TRAFFIC STRIPE (8" WHITE) (THERMOPLASTIC)	LF	5399	0.78	0.78	4,211.22
711-35-121/711-11-123	SOLID TRAFFIC STRIPE (12" WHITE) (THERMOPLASTIC)	LF		1.09	1.09	0.00
711-35-181/711-6-181/711-11-124	SOLID TRAFFIC STRIPE (18" WHITE) (THERMOPLASTIC)	LF	594	1.77	1.77	1,051.38
711-35-241/ 711-6-241/711-11-125	SOLID TRAFFIC STRIPE (24" WHITE) (THERMOPLASTIC)	LF	44			104.28
711-36-61 or 711-36-61A or 711-11-221	SOLID TRAFFIC STRIPE (6" YELLOW) (THERMOPLASTIC)	LF	224	2.37	2.37	795.20
711-36-81 or 711-11-222	SOLID TRAFFIC STRIPE (8" YELLOW) THERMOPLASTIC	LF	5542	3.55	3.55	4,433.60
711-36-181 or 711-6-181A or 711-11-224	SOLID TRAFFIC STRIPE (18" YELLOW) (THERMOPLASTIC)	LF		0.80	0.80	0.00
711-11-111	SOLID TRAFFIC STRIPE (6" WHITE) THERMOPLASTIC	LF		0.92	0.92	0.00
711-11-112	SOLID TRAFFIC STRIPE (8" WHITE) THERMOPLASTIC	LF		2.34	2.34	585.00
711-11-211	SOLID TRAFFIC STRIPE (6" YELLOW) THERMOPLASTIC	NM		3,027.50	3027.50	0.00
711-11-231	SKIP TRAFFIC STRIPE (6" YELLOW) THERMOPLASTIC	NM		5,300.00	5300.00	0.00
711-37-121	SOLID TRAFFIC STRIPE, THERMOPLASTIC (12"WHITE)	NM		3,030.00	3030.00	0.00
711-37-241	SOLID TRAFFIC STRIPE, THERMOPLASTIC (24"WHITE)	NM		892.86	892.86	0.00
					8000.00	0.00
					17000.00	0.00
LIGHTING						
715-10-5	CONCRETE POLE BASE (45' MOUNTING HEIGHT) SPECIAL				1000.00	0.00
715-0-69 OR 715-69	MAINTENANCE OF EXISTING LIGHTING OR TEMPORARY LIGHTING SYSTEM	LS		8,688.89	8688.89	0.00
715-1-1	GROUNDING ELECTRODE	LF		8.78	8.78	0.00
715-1-110	CONDUCTOR, (FURNISH & INSTALL) (INSULATED NO. 12)	LF			0.60	0.00
715-1-11	LIGHTING CONDUCTORS (F&I) (No. 10 OR SMALLER)	LF		1.50	1.50	0.00
715-1-113A or 715-1-12	CONDUCTOR, F&I, INSULATED NO. 6 (G)	LF		2.56	2.56	0.00
715-1-12A	CONDUCTOR (F&I, INSULATED NO. 6) (INCLUDING TWIN GROUND ROD)	LF		1.85	1.85	0.00
715-1-60	LIGHTING CONDUCTORS (REMOVE & DISPOSE) (BY CONTRACTOR)	LF		1.08	1.08	0.00
715-2-12B or 715-2-215	LIGHTING CONDUIT (F&I) UNDER PAVEMENT	LF	203	21.20	21.20	4,303.60
715-1-113D or 715-1-113C	CONDUCTOR-FURNISHED AND INSTALLED THREE CONDUTORS SET OF 2-#6 RHW-XLT STRANDED BLACK AND WHITE WITH 1- #6 THW GREEN	LF	1623	6.38	6.38	10,354.74
715-1-14	LIGHTING CONDUCTORS (No. 1 TO No. 0) (FURNISHED & INSTALLED)	LF		3.89	3.89	0.00
715-1-114 or 715-1-13	CONDUCTOR, (FURNISH & INSTALL) (INSULATED NO. 4)	LF		2.72	2.72	0.00
715-1-114E	CONDUCTOR-FURNISHED AND INSTALLED THREE CONDUTORS SET OF 2-#4 RHW-XLT STRANDED BLACK AND WHITE WITH 1- #4 THW GREEN	LF		7.00	7.00	0.00
715-1-123	CONDUCTOR, (FURNISH & INSTALL) (BARE NO.6)	LF		2.00	2.00	0.00
715-2-111	CONDUIT - 3/4" PVC SCHEDULE 40	LF		11.00	11.00	0.00
715-2-115 or 715-2-115B or 715-2-11A	CONDUIT PVC SCHEDULE 40, 2"	LF	1420			15,662.60
715-2-115C	CONDUIT, 2" PVC [(ADDITIONAL CONDUIT INSTALLED IN EXIST. OPEN TRENCH) (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)]	LF		11.03	11.03	0.00
715-2-133	CONDUIT RIGID GALVANIZED STEEL, 1 "	LF		2.39	2.39	0.00
715-2-134	CONDUIT RIGID GALVANIZED STEEL, 1 1/2"	LF		15.00	15.00	0.00
715-2-235	CONDUIT RIGID GALVANIZED STEEL, 2"	LF		5.00	5.00	0.00
715-4-400	LIGHT POLE COMPLETE (RELOCATE)	EA		47.18	47.18	0.00
715-7-11 or 715-7-11A or 715-7-11B or 715-7-12	LOAD CENTER (INCLUDES SWITCH, WEATHERHEAD & WIRE AT SERVICE POINT)	EA		2,118.67	2118.67	0.00
715-7-71A	COMBINATION LIGHTING SWITCH AND CONTROLER ASSEMBLY LISTED FOR SERVICE USE (SERVICE DISCONNECT) IN A NEMA 3R ENCLOSURE	EA		5,807.13	5807.13	0.00
715-10-2B	SPECIAL DESIGN SPREAD FOOTER (CONCRETE BASE POURED IN PLACE)	EA	3	6,700.00	6700.00	12,000.00
715-10-21	CONCRETE SERVICE POLE 20 (F&I)	EA		4,000.00	4000.00	0.00
715-11-111A	200 WATT (480V) HIGH PRESSURE SODIUM VAPOR LUMINARIES WITH LAMP	EA		1,480.00	1480.00	0.00
715-11-1110	200 WATT (240V) METAL HALIDE LUMINAIRE WITH LAMP	EA		420.00	420.00	0.00
715-11-119	LUMINARIES, F&I,ROADWAY (SPECIAL -DECORATIVE)	EA		900.00	900.00	0.00
715-11-125	WALL MOUNTED LUMINAIRE (UNDERDECK)	EA		1,378.20	1378.20	0.00
715-11-149A	ROUND BOLLARD LIGHT	EA			300.00	0.00
715-11-149B	IN-GROUND UP LIGHT	EA		2,000.00	2000.00	0.00
715-11-149C	LANDSCAPE UP LIGHT	EA		1,400.00	1400.00	0.00
715-11-149D	WALL LIGHT	EA		1,200.00	1200.00	0.00
715-14-10	PULL AND JUNCTION BOXES (INCLUDING GROUNDING ELECTRODE) (INTERCONNECT)	EA		900.00	900.00	0.00
715-14-11	PULLBOX, ROADSIDE	EA		600.00	600.00	0.00
715-14-12	PULL BOX (INCLUDING GROUND ROD , GROUND WIRE, ROCKS AND CLAMPS)	EA		572.17	572.17	0.00
715-14-12A	PULLBOX, SIDEWALK	EA	15	612.80	612.80	9,192.00
715-14-13A	PULL BOX (F&I) EMBEDDED (BRIDGE)	LF		526.78	526.78	7,901.70
715-14-52	LIGHTING- PULL BOX, REMOVE, SIDEWALK	EA		245.00	245.00	0.00
715-31	MAINTENANCE OF EXISTING LIGHTING OR TEMPORARY LIGHTING	LS		154.00	154.00	0.00

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

ITEM NO.	ITEM	UNIT	QUANT.	OVERALL AVERAGE	CURRENT SET PRICE	AMOUNT
715-4-019	LIGHT POLE COMPLETE (F & I) WIND SPEED 150 MPH (SEE PLANS FOR DETAILS)	EA		4,590.00	4590.00	0.00
715-80-15	CONCRETE POLE BASE (15 FT MOUNTING HEIGHT)	EA			250.00	0.00
715-80-21	CONCRETE POLE BASE (FOR 45' POLE)	EA		957.75	957.75	0.00
715-80-22	CONCRETE POLE BASE (45 FT. MOUNTING HEIGHT) (TO BE FURNISHED AND DELIVERED ONLY)(FOR DELIVERY LOCATION "SEE SPECIAL PROVISIONS")	EA		2,600.00	2600.00	0.00
715-80-22-1	CONCRETE POLE BASE	EA		965.50	965.50	0.00
715-80-215	SPECIAL CONCRETE BASE POLE	EA		1,786.19	1786.19	0.00
715-81	RELOCATE EXIST. POLE, ARM, LUMINAIRE & BASE	EA		1,313.56	1313.56	0.00
715-86-114-1	LIGHTING POLE COMPLETE (ALUMINUM) (15 FT MOUNTING HEIGHT) (POST TOP)	EA		3,077.00	3077.00	0.00
715-86-114-3	LIGHTING POLE COMPLETE (ALUMINUM) (15 FT MOUNTING HEIGHT) (POST TOP) (TO BE FURNISHED AND DELIVERED ONLY) (FOR DELIVERY LOCATION "SEE SPECIAL PROVISION")	EA			4000.00	0.00
715-86-145-1	LIGHTING POLE COMPLETE (ALUMINUM) (45' MOUNTING HEIGHT) (8' BRACKET ARM) (SINGLE ARM)	EA		4,248.50	4248.50	0.00
715-86-145-2	LIGHTING POLE COMPLETE [(45' MOUNTING HEIGHT) (ALUMINUM) (TO BE FURNISHED AND DELIVERED ONLY) (FOR DELIVERY LOCATION "SEE SPECIAL PROVISIONS")]	EA		2,851.00	2851.00	0.00
715-86-145-3	LIGHTING POLE COMPLETE (ALUMINUM, 45 FT MOUNTING HEIGHT) (BRIDGE MOUNTED)	EA			1700.00	0.00
715-88	CONDUIT 2" PVC (INCLUDING CONDUCTORS)	LF		30.33	30.33	0.00
715-88D	CONDUCTOR INSULATED #6 AWG	LF			1.70	0.00
715-88-1	CONDUIT AND CONDUCTORS	LS				0.00
715-88-13	CONDUIT 2" PVC (UNDER PAVEMENT)	LF		39.00	39.00	0.00
715-91	REMOVAL OF EXISTING POLE, ARM, LUMINAIRE AND BASE	EA		572.00	572.00	0.00
715-95-1 or 715-7-11A	LOAD CENTER (INCLUDES SWITCH, WEATHERHEAD AND WIRE AT SERVICE POINT)	EA	1	6,386.40	6386.40	6,386.40
715-95-2	ELECTRIC SERVICE & COORDINATION	AS	1	1,760.83	1077.17	1,077.17
715-99-1	PULL BOX (INCLUDING GROUND ROD COMPLETE WITH CLAMP)	EA		874.33	874.33	0.00
715-100-11	400 WATT. (480 V.) HIGH PRESSURE SODIUM VAPOR LUMINAIRE WITH LAMP	EA		664.56	664.56	0.00
715-100-12	400 WATT. (480 V.) HIGH PRESSURE SODIUM VAPOR LUMINAIRE WITH LAMP (TO BE FURNISHED AND DELIVERED ONLY)(FOR DELIVERY LOCATION "SEE SPECIAL PROVISIONS")	EA			835.00	0.00
715-100-51	150 WATT. (480 V.) HIGH PRESSURE SODIUM VAPOR LUMINAIRE WITH LAMP (POST TOP)	EA		1,250.00	1250.00	0.00
715-100-52	150 WATT. (480V.) HIGH PRESSURE SODIUM VAPOR LUMINAIRE WITH LAMP	EA			600.00	0.00
715-191-100	HIGH MAST LIGHTING POLE COMPLETE WITH FIXTURES & CONCRETE BASE	EA			16500.00	0.00
715-195-100	REMOVAL OF HIGH MAST LIGHTING POLE COMPLETE	EA			400.00	0.00
715-41-235	Aluminum Light Pole Complete (35' Mounting Height)	EA		4,767.50	4767.50	0.00
715-41-340 or 715-4-111(B)	Aluminum Light Pole Complete (40' mounting height)	EA		4,201.32	4201.32	0.00
715-411-125 or 715-4-112	LIGHTING POLE COMPLETE	EA		2,340.00	2340.00	0.00
715-4-112B	LIGHT POLE COMPLETE (F & I) WIND SPEED 150 MPH (POLE HIGHT 45')	EA	6	4,205.00	4205.00	25230.00
715-411-145 or 715-511-130A	DECORATIVE LIGHT POLE	EA		6,798.22	6798.22	0.00
715-450 or 715-4-600 or 715-550-000	REMOVE LIGHTING POLE	EA			446.10	0.00
715-500-1	POLE CABLE DISTRIBUTION SYSTEM [(CONVENTIONAL)(INSTALLATION ONLY MIAMI-DADE WILL SUPPLY KIT)]	EA		1,440.26	1440.26	0.00
715-500-1A or 715-500-1C	POLE CABLE DISTRIBUTION SYSTEM [(CONVENTIONAL KIT) (FURNISH AND INSTALL)]	EA	11	1,361.69	1361.69	14,978.59
715-500-1B	POLE CABLE DISTRIBUTION SYSTEM [(CONVENTIONAL KIT) (FURNISH ONLY)]	EA			900.00	0.00
715-511-115	DECORATIVE LIGHT POLE AND FIXTURE, 15'	EA		6,000.00	6000.00	0.00
715-511-125	LIGHT POLE COMPLETE (F&I) (SPECIAL DESIGN) (25')	EA	5	6,800.00	6800.00	34,000.00
715-511-140	LIGHT POLE COMPLETE (F&I) (DECORATIVE) (39')	EA		6,928.10	6928.10	0.00
715-511-145	LIGHTING POLE COMPLETE (SINGLE ARM, SHOULDER MOUNT, ALUMINUM, 45' MOUNTING HEIGHT) 10'	EA		4,109.33	4109.33	0.00
715-511-150	LIGHTING POLE COMPLETE (SINGLE ARM, SHOULDER MOUNT, ALUMINUM, 50' MONTING HEIGHT) 10'	EA		3,680.00	3680.00	0.00
715-512-140	LIGHTING POLE COMPLETE (SPECIAL DESIGN, DOUBLE ARMS, SHOULDER MOUNT, 39')	EA		11,200.00	11200.00	0.00
715-512-145	LIGHTING POLE COMPLETE (SINGLE ARM, SHOULDER MOUNT, ALUMINUM, 45' MOUNTING HEIGHT) 6'	EA			3000.00	0.00
715-513-125	LIGHTING POLE COMPLETE (SINGLE ARM, WALL MOUNT, ALUMINUM, 25' MOUNTING HEIGHT)	EA			1400.00	0.00
715-516-115	LIGHT POLE COMPLETE, SPECIAL DESIGN (Furnish & Install, Pole top mount, Aluminum and 15 feet mounting height)	EA		5,322.50		0.00
715-516-120	LIGHT POLE COMPLETE, SPECIAL DESIGN, F & I, Pole Top Mount, Aluminum, 20'	EA		6,000.00		0.00
715-518-120	LIGHTING POLE COMPLETE (18' DECORATIVE) (F&I) (SEE PLANS FOR DETAILS)	EA		5,700.00		
715-528-120	LIGHTING POLE COMPLETE (18' DECORATIVE)(FURNISHED ONLY) (SEE PLANS FOR DETAILS)	EA		5,200.00		
715-MISC	GIF OUTLET SYSTEM	EA			922.00	0.00
721-74-1	PREFABRICATED METAL TRASH RECEPTACLE	EA		1,450.00	1450.00	0.00
721-75-1	PREFABRICATED METAL BENCH -SURFACE MOUNT	EA		2,652.72	2652.72	0.00
721-75-2	CAST IN PLACE BENCHES	EA		4,000.00	4000.00	0.00
721-77	BICYCLE PARKING RACK	EA		950.00	950.00	0.00
721-78	PET SERVICE STATION	EA		1,388.49	1388.49	0.00
BRIDGE						
B-101-2	MOBILIZATION (AS PER FDOT SCHEDULE)	LS				0.00
B-110-3	REMOVAL OF EXISTING BRIDGE	LS		106,555.00		0.00
B-110-3(1)	REMOVAL OF EXISTING STRUCTURE	LS				0.00
B-110-73	REMOVAL OF EXISTING BULKHEAD	LF		385.00	385.00	0.00
B-360-1 OR 360-1	CONCRETE APPROACH SLABS	EA		8,946.50	8946.50	0.00
B-400-1-150	COLORLED CONCRETE 6" BRIDGE DECK	SY		140.00		0.00
B-400-2-4 OR 400-2-4	CONCRETE CLASS II (SUPERSTRUCTURE)	CY			1160.00	0.00
B-400-2-5 OR 400-2-5B	CONCRETE CLASS II (SUBSTRUCTURE)	CY			2500.00	0.00
B-400-2-10 OR 400-2-10	CLASS II CONCRETE(APPROACH SLABS)	CY		625.00	625.00	0.00
B-400-4-1	9' X 12' CONCRETE CLASS IV PIPE CULVERT	CY			2000.00	0.00
B-400-4-5 OR 400-4-5	CLASS IV CONCRETE (SUBSTRUCTURE)	CY		1,146.86	1146.86	0.00
B-400-8-5 OR 400-4-4	CLASS IV CONCRETE (SUPER STRUCTURE)	CY		945.00	945.00	0.00
B-400-7 OR 400-7	BRIDGE FLOOR GROOVING	SY		8.68	8.68	0.00
B-400-72	PERCAST BULKHEAD PANELS	SF		89.00	89.00	0.00
B-400-143	CLEANING AND COATING	SF			4.00	0.00
B-400-147	COMPOSITE NEOPRENE PADS	CF			800.00	0.00
B-400-147A	COMPOSITE NEOPRENE PADS	CY			425.00	0.00
B-400-147(5) OR 400-147(5)	COMPOSITE NEOPRENE PAD TYPE V	CF			700.00	0.00
B-400-148-1 OR 400-148-1	TRAFFIC RAILING BARRIER (F & I)	LF		145.38	145.38	0.00
B-400-148-2	TRAFFIC RAILINGBARRIER (SIDEWALK TYPE)	LF		110.50	110.50	0.00
B-400-150-1	CLEANING AND PAINTING EXISTING CONC. SURFACE	SF		2.06	2.06	0.00
B-400-150-2	ANTI-GRAFFITY OR COATING CONCRETE SURFACE	SF		1.70	1.70	0.00
B-400-154	CLEANING AND SEALING CONCRETE SURFACES	SF			3.15	0.00
B-400-157	REPAIRS (TO EXISTING BRIDGE)	LS				0.00
B-415-1-4 OR 415-1-4	REINFORCING STEEL (SUPERSTRUCTURE)	LBS		1.16	1.16	0.00
B-415-1-5 OR 415-1-5	REINFORCING STEEL (SUBSTRUCTURE)	LBS		1.33	1.33	0.00
B-415-1-6	REINFORCING STEEL (MISCELLANEOUS)	LBS		1.18	1.18	0.00
B-415-1-9 OR 415-1-9	REINFORCING STEEL(APPROACH SLABS)	LBS		1.00	1.00	0.00
B-450-1-5 OR 450-1-5	PRESTRESSED BEAMS (TYPE VI)	LF			155.00	0.00
B-451-70	PRESTRESSED SOIL ANCHORS	EA		7,000.00	7000.00	0.00
B-455-3-1	PRESTRESSED CONCRETE PILING(FURNISHED (14' SQ.)	LF			45.00	0.00

