

**BID SOLICITATION NOTICE – Turnpike
FLORIDA DEPARTMENT OF TRANSPORTATION
CONSTRUCTION AND MAINTENANCE PROGRAMS**

Florida Turnpike Headquarters
FL Turnpike MP 263, Building 5315
Ocoee, FL 34761

Ocoee, FL
July 12, 2019
Advertisement No. 1

All bids must be completed using **Project Bids** software available on the Bid Express website at <https://bidx.com/fl/main>.

Unless otherwise stipulated in the proposal description, bids for all projects listed in this Bid Solicitation Notice must be submitted using Bid Express only. No other means of submission of bids will be accepted. Please visit the Contracts Administration Website at: <http://www.fdot.gov/contracts/> for more information on Bid Express. Submitting bids through Bid Express requires a Digital ID. To obtain a Digital ID, please contact Bid Express at <http://www.bidx.com>. Allow up to 6 days to complete the Digital ID registration.

Bids for the projects in this Bid Solicitation Notice will be accepted by Bid Express until 2:30 PM Local Time on **Tuesday, September 10, 2019**.

Bid totals for each bid submitted will be read aloud for those present and will be available at 2:30 PM **September 10, 2019** in the Turnpike Headquarters, Building 5315, Ocoee, Florida.. Agenda: a) Opening Remarks; b) 15 minutes of public input; c) Reading of bids; d) Closing. Anyone needing special accommodations under the Americans with Disabilities Act of 1990 should send an e-mail to: contracts.admin@dot.state.fl.us or call telephone number (407)264-3885. Special accommodation requests under the Americans with Disabilities Act should be made at least seven days prior to the public meeting. Bidders may obtain preliminary bid results at: <https://fdotwp1.dot.state.fl.us/wTBidLetting/LettingMain>, select district then click on appropriate date.

DEADLINE FOR PROPOSALS AND PROPOSAL HOLDERS LIST

The deadline for obtaining bid packages shall be 24 hours prior to the scheduled letting date and time. A list of plan holders may be obtained by visiting the District Contracts Administration website at: www.fdot.gov/contracts/tp, click “**Letting and Project Information**” and select letting date from the Lettings Menu. For compliance with Florida Statute 337.168(2), additional bidders and plan and specifications holders are not published beginning three working days prior to the letting.

-----NOTE-----

Proposals will not be issued after 2:30 PM Local Time on Monday, September 09, 2019 .

Document Ordering Information

Orders for documents are placed using the Contract Proposal Processing Online Ordering System at <https://fdotwp1.dot.state.fl.us/contractproposalprocessingonlineordering/>. There is no charge for ordering/downloading documents. Online Ordering is available Monday through Friday from 6 AM. to 9 PM. and Saturday from 6 AM. to 7 PM.

To Place An Order

- A current State of Florida Vendor Number is required prior to first-time registration; please visit http://dms.myflorida.com/egovernment_tools/myflorida_marketplace for more information. Please allow 24 to 48 hours for receipt of a new vendor number.
- Prior to placing orders, an individual shall register and establish an Internet Subscriber Account with the Department of Transportation at <https://fdotwp1.dot.state.fl.us/contractproposalprocessingonlineordering/>. Please allow 48 to 72 hours (excluding weekends and holidays) for the registration and approval.

PREQUALIFICATION

Contractors must have a current certificate of qualification in accordance with Florida Statute 337.14(1) and Rule Chapter 14-22, Florida Administrative Code, on the date of the letting to bid on construction projects over \$250,000.00 as established by the Department’s budget. Maintenance contracts do not require a contractor to have a certificate of

qualification, unless stipulated in the project description and specifications. If deemed necessary by the Department, certain maintenance contracts will contain specific requirements for maintenance contractor eligibility.

PREQUALIFIED CONTRACTORS CURRENT CAPACITY

In order for the Department to have the information required to determine a prequalified bidder's Current Capacity, it is necessary that the prequalified contractor certify the total dollar amount of all work the contractor has underway. This certification shall be accomplished electronically by submitting the Certification of Work Underway (Online Web Application) http://www.fdot.gov/contracts/PreQual_Info/prequalified.shtm to the Department every 30 calendar days.

CONFLICT OF INTEREST

A contractor who performs a constructability review on a design contract or who participates in a value engineering study workshop or cost risk analysis workshop, is prohibited from bidding on the construction of that contract.

SCRUTINIZED COMPANIES

A company that is on the Scrutinized Companies with Activities in Sudan List, is on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or is engaged in business operations in Syria, may not bid on, submit a proposal for, or enter into a contract with an agency or local government entity for goods or services of \$1 million or more.

A company that is on the Scrutinized Companies that Boycott Israel List or is engaged in a boycott of Israel may not bid on, submit a proposal for, or enter into a contract with an agency or local government entity for goods or services.

BID REJECTION

Bidders are hereby notified that all bids on any of the following projects are likely to be rejected if the lowest responsive bid received exceeds the engineer's estimate by more than ten percent (10%). In the event any of the bids are rejected for this reason, the project may be deferred for re-advertising. In addition, award of all federally funded projects will be subject to Federal Highway Administration concurrence.

PROTEST RIGHTS

Pursuant to Section 120.57, Florida Statutes, any person adversely affected by a **bid solicitation** shall file both a notice of protest and bond within 72 hours after posting of the Bid Solicitation Notice, and shall file a formal written protest within ten days after filing the notice of protest. Any person who files a notice of protest as to a bid solicitation pursuant to this rule shall post with the Department, at the time of filing the notice of protest, a bond payable to the Department in the following amounts: For an action protesting a bid solicitation that requires qualification of bidders, the bond shall be \$5,000. For an action protesting a bid solicitation for which bidders are not required to be prequalified by the Department to be eligible to bid, the bond shall be \$2,500. The required notice of protest, bond and formal protest must each be timely filed with the Clerk of Agency Proceedings, Florida Department of Transportation, Mail Station 58, Room 550, 605 Suwannee Street, Tallahassee, Florida 32399-0458, FAX (850) 414-5264. Failure to file a protest within the time prescribed in Section 120.57(3), F.S., or failure to post the bond or other security required by law within the time allowed for the filing a bond shall constitute a waiver of proceedings under Chapter 120, Florida Statutes.

Pursuant to Section 120.57, Florida Statutes, any person adversely affected by a **bid rejection or contract award** shall file both a notice of protest and bond within 72 hours after the posting of the Summary of Bids. If notice of intended decision is given by certified mail or express delivery, the adversely affected person must file both the notice of protest and bond within 72 hours after receipt of the notice of intent. A formal written protest must be filed within ten days after filing the notice of protest. Any person who files a notice of protest as to a bid rejection or contract award pursuant to this rule shall post with the Department, at the time of filing the notice of protest, a bond payable to the Department in the following amounts: For an action protesting a bid rejection or contract award that requires qualification of bidders, the Bond shall be equal to one percent of the lowest bid submitted or \$5,000, whichever is greater. For an action protesting a bid rejection or contract award for which bidders are not required to be prequalified by the Department to be eligible to bid, the bond shall be \$2,500. The required notice of protest, bond, and formal protest must each be timely filed with the Clerk of Agency Proceedings, Florida Department of Transportation, Mail Station 58, Room 550, 605 Suwannee Street,

Tallahassee, Florida 32399-0458, FAX (850) 414-5264. Failure to file a protest within the time prescribed in Section 120.57(3), Florida Statutes, shall constitute a waiver of proceedings under Chapter 120, Florida Statutes.

A protest is not timely filed unless the notice of protest, bond, and the formal protest are each received by the Clerk of Agency Proceedings within the required time limits. A protest which is filed prematurely will be deemed abandoned unless timely renewed.

Interested parties can visit our Internet web site at <http://www.fdot.gov/contracts/>. Information regarding projects posted with the Clerk of Agency Proceedings, Proposal holders, Plan and Special Provisions holders, preliminary letting results, and other noteworthy information is provided on this website. Please note that, for compliance with Florida Statute 337.168(2), the Proposal holder and the Plan and Special Provision holder listings are not published beginning three working days prior to the letting until after the letting.

In the event multiple responsive bidders submit identical proposals (bids), the Department will determine the order in which proposals are to be considered for Contract award in accordance with Florida Laws, and any applicable Rules.

INSURANCE

The successful bidder shall submit current general liability insurance and workman's compensation insurance certificates for the duration of the contract in the dollar amounts and manner specified in the most current edition of the Department's Standard Specifications for Road and Bridge Construction. Insurance companies must be authorized to do business in the State of Florida. Proof of such insurance shall be filed with the District Contracts and Procurement Office before the contract can be executed. BE SURE THAT THE CONTRACT NUMBER IS ON EACH INSURANCE CERTIFICATE.

ADDENDA

No negotiations, decisions, or actions will be initiated or executed by a potential bidder as a result of any oral discussion with a State employee. Only those communications which are in writing from the Department will be considered as a duly authorized expression on behalf of the Department. Notices of changes (addenda) will be posted on the Districts Contracts Administration website at: www.fdot.gov/contracts/tp, click "[Letting and Project Information](#)" and select letting date from the Lettings Menu. It is the responsibility of all potential bidders to monitor this site for any changing information prior to submitting their bid. **All addenda shall be acknowledged when submitting bids.**

BID QUESTIONS

All work is to be done in accordance with the Plans, Specifications, and Special Provisions of State of Florida Department of Transportation. Direct questions regarding the advertised projects by posting them to the Department website at the following URL address: <https://fdotwp1.dot.state.fl.us/BidQuestionsAndAnswers/Proposal.aspx/SearchProposal>.

PROPOSAL GUARANTY

For bids over \$150,000.00, the standard proposal guaranty of 5% of the bid will be required, unless otherwise stipulated in the proposal advertisement. A Proposal Guaranty of not less than five percent (5%) of the total actual bid in the form of either a certified check, cashier's check, trust company treasurer's check, bank draft of any national or state bank, or a Surety Proposal Guaranty made payable to the Florida Department of Transportation must be received for each bid in excess of **\$150,000.00**. A check or draft in an amount less than five percent (5%) of the actual bid will invalidate the bid. The guaranty amount shall include all bid items except construction days for A+B bidding and lane closure for Lane Rental Bidding. Proposal Guaranty shall substantially conform to DOT Form 375-020-09 furnished with the Proposal. Surety2000 or SurePath electronic Proposal Guaranty submittal may be used in conjunction with Bid Express internet bid submittal. For more information please visit <http://www.surety2000.com> for Surety2000 or <http://www.insurevision.com> for SurePath. Paper Proposal Guaranty will also be accepted for bids submitted through Bid Express provided they are received prior to the deadline for receiving bids, by the location(s) identified in this Bid Solicitation Notice. If an electronic proposal guaranty is not being submitted, the bidder must submit an original proposal guaranty. (A fax or a copy sent as an attachment will not be accepted.)

EXECUTION OF CONTRACT

Pursuant to Subsections 3-6 and 3-7 of the Standard Specifications, the successful bidder shall execute the necessary contract documents and return the agreement along with a satisfactory Performance and Payment Bond within ten (10) Calendar days of award, excluding Saturdays, Sundays, and state holidays, unless noted otherwise in the project specifications. A 100% Payment and Performance Bond will be required for all projects unless noted otherwise in the

project specifications. All work is to be done in accordance with the Plans, special Provisions of the State of Florida Department of Transportation.

Prior to execution of the contract with the Department, **a corporation must show proof that it is authorized to do business in the State of Florida.** Florida corporations should provide a copy of the certificate of Incorporation and foreign corporations should provide a copy of Certificate of Authority from the Florida Department of State.

Important Note: Actual commitment and final execution of the contract is contingent upon an approved legislative budget and funds availability.

DBE PARTICIPATION

Disadvantaged Business Enterprise (DBE) Availability Goal Information is contained in the Bid Solicitation Package. DBE Participation and Bidder Opportunity List for Prime Contractors shall be reported in the **Equal Opportunity Compliance (EOC)** system no later than 3 business days of submission of the bid. The EOC system is a web based application for Prime Contractors, statewide, to report their Bidder Opportunity List, DBE Commitments, and DBE/MBE Subpayments. Complete and submit the DBE Participation (i.e. DBE Commitments) and Bid Opportunity List in the EOC.

More information regarding EOC can be referenced at: <http://www.fdot.gov/equalopportunity/eoc.shtml>

DEBARMENT/SUSPENSION

All bids submitted to the Department shall include a statement that by signing and submitting this proposal, the bidder certifies that no principal (which includes officers, directors or executives) is presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in this transaction by any federal department or agency.

MANDATORY PRE-BID CONFERENCE

For projects with mandatory Pre-Bid Meeting, proposals (BIDDING DOCUMENTS) will be issued only to the attendees of the meeting. Prospective bidders ordering bidding documents prior to the Pre-Bid Meeting will be given access to download the bidding documents within 24 hours after the Pre-Bid Meeting. Those prospective bidders ordering the documents after the Pre-Bid Meeting will need to contact the office advertising the project to confirm attendance and receive access to download the bidding documents. Please contact the office at least two working days prior to the deadline for obtaining bidding documents to allow time for processing.

LATE ARRIVALS TO MANDATORY PRE-BID MEETINGS

All bidders must be present and signed in prior to the start of the mandatory pre-bid meeting. Anyone not signed in at the commencement of the meeting will be considered late and will not be allowed to bid on the project.

FIRST TIME BIDDERS

Bidders bidding for the first time with the Department can access the New Bidder's Orientation document at: https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/contracts/new-bidders-orientation.pdf?sfvrsn=aef131ae_2

POSTING NOTICE

The bid tabulation and intent to award will be posted on **September 24, 2019** or **October 01, 2019** at www.fdot.gov/contracts/tp, click the "Letting and Project Information" and select letting date from the Listings Menu. The posting provides notice of the Department's intent to award a contract or reject all bids. The Department's Notice of Intent regarding a project will be posted on only one of the alternate posting dates. Bidders are solely responsible for timely monitoring or otherwise verifying on which of the specified alternate posting dates the posting of award or rejection of all bids actually occurs.

If the posting dates are revised, all bidders for the subject project will be notified.

AFFIRMATIVE ACTION (EQUAL EMPLOYMENT OPPORTUNITY)

The Florida Department of Transportation (hereinafter referred to as the "Department"), in accordance with **Title VI of the Civil Rights Act of 1964, 42 USC 2000d to 2000d-4 and related authorities, Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, Part 21**, Nondiscrimination in Federally-assisted programs of the U.S. Department of Transportation issued pursuant to such Act, hereby notifies all bidders that the Department will affirmatively insure that in any contract entered into pursuant to this advertisement, minority and disadvantaged business enterprises will be afforded the full opportunity to submit bids in response to this invitation and will not be discriminated against on the basis of race, color, national origin, or sex in consideration for an award. Further, it is the policy of the Department to not discriminate against bidders on the grounds of race, color, national origin, religion, sex, age, or disability/handicap in consideration for an award. A bidder must have an approved DBE Affirmative Action (DBE/AA) Plan prior to contract award. Please use the following link <https://www.fdot.gov/contracts/cpp-online-ordering/bidder-assist.shtm>, Standard Specifications for Road and Bridge Construction and the Special Provisions for instructions for submission of a DBE/AA Plan. The DBE/AA Plan should be submitted for approval prior to the bidding.

MINIMUM WAGE

The minimum wage for all hours worked in Florida is available at <http://www.floridajobs.org>.

EMAIL SUBSCRIPTION LIST

To get on the e-mail subscription list, go to <http://fdotwp1.dot.state.fl.us/reportsubscriptions/> and fill out the necessary information to "Subscribe". To obtain information concerning other districts, go to <http://www.fdot.gov/contracts/distco.shtm>.

NOTICE TO ALL BIDDERS

To report bid rigging activities call: 1-800-424-9071

The U.S. Department of Transportation (DOT) operates the above toll-free "hotline" Monday through Friday, 8:00 A.M. to 5:00 P.M. Local Time. Anyone with knowledge of possible bid rigging, bidder collusion, or other fraudulent activities should use the "hotline" to report such activities. The "hotline" is part of the DOT's continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the DOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.

By submitting a bid, the contractor/consultant/vendor agrees to comply with section 20.055(5) Florida Statute, and to incorporate in all subcontracts the obligation to comply with section 20.055(5) Florida Statute.

**Florida Department of Transportation
Notice to Contractors Index**

Published: July 12, 2019

Letting ID: 08190910

Please use the following proposal ID and the letting ID when ordering plans/proposal or specifications for the September 10, 2019 letting.

Page Number	Proposal Id	Proposal Notes	Fin Proj Numbers	County
7	E8R97		43730045201(*)	POLK

Proposal Note Codes:

Note: () indicates lead project*

**Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities**

Letting: 08190910 Call Order: 001 Proposal: E8R97 District:08

Counties: POLK

Road Name: SUNTRAX CONNECTED/AUTOMATED VEHICLE TEST FACILITY

Limits: 16470000

Project(s): 43730045201(*) Federal Aid No: N/A

Total Roadway Length:	2.760 Miles	Contract Days:	939
Total Bridge Length:	0.000 Miles	Letting Date:	09/10/19
Total Proposal Length:	2.760 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	30

Proposal Budget Estimate: \$118,623,943.00

Please read the full advertisement

Description:

Work consists of providing all labor, materials, equipment and incidentals necessary for the construction of the SunTrax Connected/Automated Vehicle Test Facility within 190-acre site in Auburndale Florida, Polk County. The site is located within a new Tolls Testing Facility. Improvements include a combination of over eleven miles of roadway infrastructure with reconfigurable testing environments, twenty buildings to support the operation and maintenance of the infield features, and storm water management facilities to accommodate the infield improvements. No Pre-Bid Conference.

A General Contractors License is required for this project.

For buildings three (3) stories or less in height, a Builders License or General Contractors License is acceptable. Buildings more than 3 stories in height require a General Contractors License. This project has a building more than 3 stories in height.

A copy of the General Contractors License must be received prior to Award.

The General Contractor who is awarded this project shall sub-contract the roadway portion of the contract to contractors who are pre-qualified by the Department for Major Bridges, Grading, Portland Cement Concrete, Hot Plant-Mixed Bituminous Courses and Drainage.

The summary of pay items for this project is listed in the Plans.

Call Order: 001 Proposal: E8R97

ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (43730045201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43730045201)	LS	1.000
	0104- 10- 3	SEDIMENT BARRIER	LF	145.000
	0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	4.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	67.000
	0110- 1- 1	CLEARING & GRUBBING (43730045201)	LS	1.000
	0120- 1-	REGULAR EXCAVATION	CY	364,457.000
	0120- 4-	SUBSOIL EXCAVATION	CY	3,274.000
	0120- 6-	EMBANKMENT	CY	658,766.000
	0160- 4-	TYPE B STABILIZATION	SY	457,399.000
	0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	27,098.000
	0285-706-	OPTIONAL BASE, BASE GROUP 06	SY	664.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	366,021.000
	0327- 70- 5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	SY	18,910.000

Call Order: 001 Proposal: E8R97

ALT	Item	Description	Unit	Quantity
	0334- 1- 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	42,417.000
	0334- 1- 52	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, PG76-22	TN	41,611.500
	0334- 1- 56	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, HIGH POLYMER	TN	367.000
	0334- 1-100	SUPERPAVE ASPHALTIC CONCRETE, ROAD DAMAGE PAVEMENT TREATMENT, PROJECT 437300-4-52-01)	EA	1.000
	0334- 1-101	SUPERPAVE ASPHALTIC CONCRETE, ISO 10844, PROJECT 437300-4-52-01	TN	129.000
	0334- 1-102	SUPERPAVE ASPHALTIC CONCRETE, LOW-FRICTION, PROJECT 437300-4-52-01	TN	69.000
	0334- 1-103	SUPERPAVE ASPHALTIC CONCRETE, ROUGH ASPHALT NVH PAVEMENT TREATMENT, PROJECT 437300-4-52-01	EA	1.000
	0334- 1-104	SUPERPAVE ASPHALTIC CONCRETE, DAMAGED ASPHALT NVH PAVEMENT TREATMENT, PROJECT 437300-4-52-01	EA	1.000
	0334- 1-105	SUPERPAVE ASPHALTIC CONCRETE, MANHOLE COVER NVH PAVEMENT, PROJECT 437300-4-52-01	EA	1.000
	0334- 1-106	SUPERPAVE ASPHALTIC CONCRETE, SPEED BUMP NVH PAVEMENT, PROJECT 437300-4-52-01	EA	1.000
	0334- 1-107	SUPERPAVE ASPHALTIC CONCRETE, TECHNOLOGY PAD SURFACE, PROJECT 437300-4-52-01	TN	8,118.000
	0337- 7- 81	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, FC-12.5, PG 76-22	TN	2,150.400
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	2,226.700
	0350- 3- 5	PLAIN CEMENT CONCRETE PAVEMENT, 8"	SY	22,043.000
	0350- 3-100	PLAIN CEMENT CONCRETE PAVEMENT, LOW FRICTION TILE, PROJECT 437300-4	EA	1.000
	0350- 3-101	PLAIN CEMENT CONCRETE PAVEMENT, BASALT TILE, PROJECT 437300-4	EA	1.000
	0350- 3-102	PLAIN CEMENT CONCRETE PAVEMENT, STEEL PLATE SURFACE, PROJECT 437300-4	EA	1.000
	0350- 3-103	PLAIN CEMENT CONCRETE PAVEMENT, BELGIAN BLOCK NVH, PROJECT 437300-4	EA	1.000
	0350- 3-104	PLAIN CEMENT CONCRETE PAVEMENT, STEP-UP/STEP-DOWN NVH, PROJECT 437300-4	EA	1.000
	0350- 3-105	PLAIN CEMENT CONCRETE PAVEMENT, SINE WAVE NVH, PROJECT 437300-4	EA	1.000
	0350- 3-106	PLAIN CEMENT CONCRETE PAVEMENT, CONCRETE FREEWAY NVH, PROJECT 437300-4	EA	1.000
	0350- 5-	CLEANING & SEALING JOINTS- CONCRETE PAVEMENT:	LF	37,596.000
	0352- 70-	GRINDING CONCRETE PAVEMENT	SY	22,043.000
	0400- 1- 11	CONCRETE CLASS I, RETAINING WALLS	CY	939.000
	0400- 4- 11	CONC CLASS IV, RETAINING WALLS	CY	10.000
	0400- 4- 25	CONCRETE CLASS IV, MASS, SUBSTRUCTURE	CY	1,558.000
	0415- 1- 3	REINFORCING STEEL- RETAINING WALL	LB	1,377.000
	0415- 1- 6	REINFORCING STEEL- MISCELLANEOUS	LB	178,209.000
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	27.000
	0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	75.000
	0425- 1-451	INLETS, CURB, TYPE J-5, <10'	EA	3.000
	0425- 1-461	INLETS, CURB, TYPE J-6, <10'	EA	19.000
	0425- 1-521	INLETS, DT BOT, TYPE C, <10'	EA	24.000
	0425- 1-523	INLETS, DT BOT, TYPE C, JBOT, <10'	EA	1.000

Call Order: 001 Proposal: E8R97

ALT	Item	Description	Unit	Quantity
	0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	30.000
	0425- 1-543	INLETS, DITCH BOTTOM, TYPE D, J BOT, <10'	EA	4.000
	0425- 1-549	INLETS, DT BOT, TYPE D, MODIFY	EA	4.000
	0425- 1-551	INLETS, DT BOT, TYPE E, <10'	EA	9.000
	0425- 1-553	INLETS, DT BOT, TYPE E, J BOT, <10'	EA	1.000
	0425- 1-554	INLETS, DT BOT, TYPE E, J BOT, >10'	EA	2.000
	0425- 1-561	INLETS, DT BOT, TYPE F, <10'	EA	7.000
	0425- 1-571	INLETS, DITCH BOTTOM, TYPE G, <10'	EA	6.000
	0425- 1-581	INLETS, DT BOT, TYPE H, <10'	EA	2.000
	0425- 1-589	INLETS, DT BOT, TYPE H, MODIFY	EA	1.000
	0425- 1-701	INLETS, GUTTER, TYPE S, <10'	EA	30.000
	0425- 1-702	INLETS, GUTTER, TYPE S, >10'	EA	5.000
	0425- 1-703	INLETS, GUTTER, TYPE S, J BOTTOM <10'	EA	3.000
	0425- 1-713	INLETS, GUTTER, TYPE V, J BOT, <10'	EA	3.000
	0425- 1-910	INLETS, CLOSED FLUME	EA	2.000
	0425- 2- 41	MANHOLES, P-7, <10'	EA	1.000
	0425- 2- 61	MANHOLES, P-8, <10'	EA	27.000
	0425- 2- 62	MANHOLES, P-8, >10'	EA	2.000
	0425- 2- 71	MANHOLES, J-7, <10'	EA	2.000
	0425- 2- 72	MANHOLES, J-7, >10'	EA	1.000
	0425- 2- 91	MANHOLES, J-8, <10'	EA	4.000
	0425- 10-	YARD DRAIN	EA	17.000
	0425- 10- 12	YARD DRAIN, 12" DECORATIVE, PROJECT 437300-4-52-01	EA	4.000
	0425- 11-	MODIFY EXISTING DRAINAGE STRUCTURE	EA	3.000
	0430-175-112	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 12"S/CD	LF	201.000
	0430-175-115	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 15"S/CD	LF	1,531.000
	0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	15,094.000
	0430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	7,046.000
	0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	2,547.000
	0430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	2,841.000
	0430-175-142	PIPE CULVERT, OPT MATERIAL, ROUND, 42"S/CD	LF	227.000
	0430-175-148	PIPE CULVERT, OPT MATERIAL, ROUND, 48"S/CD	LF	260.000
	0430-175-154	PIPE CULVERT, OPT MATERIAL, ROUND, 54"S/CD	LF	95.000
	0430-175-160	PIPE CULVERT, OPT MATERIAL, ROUND, 60"S/CD	LF	288.000
	0430-175-218	PIPE CULVERT,OPTIONAL MATERIAL,OTHER-ELIP/ARCH, 18"S/CD	LF	612.000
	0430-175-224	PIPE CULVERT,OPTIONAL MATERIAL,OTHER SHAPE-ELIP/ARCH, 24"S/CD	LF	1,416.000
	0430-175-230	PIPE CULVERT, OPT MATERIAL, OTHER SHAPE - ELIP/ARCH, 30"S/CD	LF	321.000
	0430-830-	PIPE FILLING AND PLUGGING- PLACE OUT OF SERVICE	CY	44.000
	0430-982-123	MITERED END SECTION, OPTIONAL ROUND, 15" CD	EA	6.000
	0430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	48.000
	0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	15.000
	0430-982-133	MITERED END SECTION, OPTIONAL ROUND, 30" CD	EA	5.000
	0430-982-138	MITERED END SECTION, OPTIONAL ROUND, 36" CD	EA	12.000
	0430-982-140	MITERED END SECTION, OPTIONAL ROUND, 42" CD	EA	2.000

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ALT	Item	Description	Unit	Quantity
	0430-982-625	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 18" CD	EA	4.000
	0430-982-629	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 24" CD	EA	4.000
	0436- 1- 1	TRENCH DRAIN, STANDARD	LF	123.000
	0436- 1- 10	TRENCH DRAIN, DECORATIVE GRATE, PROJECT 437300-4-52-01	LF	75.000
	0515- 1- 2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF	18.000
	0515- 2-311	PEDESTRIAN/ BICYCLE RAILING, ALUMINUM ONLY,42" TYPE 1	LF	1,276.000
	0519- 78-	BOLLARDS	EA	67.000
	0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	179.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	27,829.000
	0520- 2- 4	CONCRETE CURB, TYPE D	LF	5,754.000
	0520- 3-	VALLEY GUTTER- CONCRETE	LF	215.000
	0520- 5- 12	TRAFFIC SEPARATOR CONCRETE-TYPE I, 6' WIDE	LF	117.000
	0520- 6-	SHOULDER GUTTER- CONCRETE	LF	8,257.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	10,460.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	1,112.000
	0524- 1- 1	CONCRETE DITCH PAVT, NON REINFORCED, 3"	SY	177.000
	0524- 2- 49	CONCRETE SLOPE PAVEMENT, 6", REINFORCED	SY	35.000
	0527- 2-	DETECTABLE WARNINGS	SF	936.000
	0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	50.500
	0530- 74-	BEDDING STONE	TN	8,436.700
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	9,550.000
	0536- 1- 3	GUARDRAIL- ROADWAY, DOUBLE FACE	LF	3,988.000
	0536- 1- 21	GUARDRAIL, ROADWAY, SUPERRAIL, PROJECT 437300-4-52-01	LF	31,300.000
	0536- 5- 1	RUB RAIL FOR GUARDRAIL, SINGLE SIDED RUB RAIL	LF	3,988.000
	0536- 7- 2	SPECIAL GUARDRAIL POST- SPECIAL STEEL POST FOR CONCRETE STRUCTURE MOUNT	EA	12.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	36.000
	0536- 85- 27	GUARDRAIL END TREATMENT- DOUBLE FACE APPROACH TERMINAL	EA	14.000
	0542- 70-	BUMPER GUARDS, CONCRETE	EA	305.000
	0550- 10-110	FENCING, TYPE A, 0.0-5.0', STANDARD	LF	3,848.000
	0550- 10-222	FENCING, TYPE B, 5.1-6.0, W/ VINYL COATING	LF	2,264.000
	0550- 10-242	FENCING, TYPE B, 7.1-8.0', VINYL COATING	LF	5,873.000
	0550- 60-125	FENCE GATE, TYPE A, DOUBLE, 20.1-24.0' OPENING	EA	1.000
	0550- 60-211	FENCE GATE, TYPE B, SINGLE, 0- 6.0' OPENING	EA	25.000
	0550- 60-215	FENCE GATE, TYPE B, SINGLE, 20.1-24.0' OPENING	EA	1.000
	0550- 60-222	FENCE GATE, TYPE B, DOUBLE, 6.1-12.0' OPENING	EA	2.000
	0550- 60-232	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 6.1-12' OPENING	EA	20.000
	0550- 60-233	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 12.1-18' OPENING	EA	1.000
	0550- 60-235	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 20.1-24' OPENING	EA	1.000
	0550- 60-236	FENCE GATE, TYPE B, SLIDING/CANTILEVER, 24.1-30' OPENING	EA	2.000
	0550- 60-237	FENCE GATE, TYPE B, SLIDING/CANTILEVER, GREATER THAN 30' OPENING	EA	1.000
	0570- 1- 1	PERFORMANCE TURF	SY	41,862.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	363,503.000
	0751- 11- 19	ARCHITECTURAL- SHIPPING CONTAINER, 40', PROJECT 437300-4-52-01	EA	60.000

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ALT	Item	Description	Unit	Quantity
	0751- 11- 20	ARCHITECTURAL- SHIPPING CONTAINER, 50', PROJECT 437300-4-52-01	EA	60.000
	0751- 40- 3	ARCHITECTURAL/DECORATIVE WALL, F&I, FACADE PANEL, GLASS, PROJECT 437300-4 (43730045201)	AS	50.000
	0751- 40- 4	ARCHITECTURAL/DECORATIVE WALL, F&I, FACADE PANEL, MASONARY, PROJECT 437300-4 (43730045201)	AS	50.000
	0751- 40- 6	ARCHITECTURAL/DECORATIVE WALL, F&I, FACADE PANEL, FLAT METAL, PROJECT 437300-4 (43730045201)	AS	50.000
	0999- 16-	PARTNERING, DO NOT BID (43730045201)	LS	1.000
	0999- 20- 1	DISPUTES REVIEW BOARD, MEETING- DO NOT BID	DA	12.000
	0999- 20- 2	DISPUTES REVIEW BOARD, HEARING- DO NOT BID	EA	2.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43730045201)	LS	1.000
Section 0002 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	146.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	92.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	2.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	6.000
	0700- 1- 74	SINGLE POST SIGN, F&I CUSTOM, 31+ SF	AS	1.000
	0700- 2- 12	MULTI- POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	25.000
	0700- 2- 15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	AS	1.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	116.000
	0700- 13- 12	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 2'	EA	2.000
	0700- 25- 1	SIGNS - WAY-FINDING, GROUND MOUNT, 12-20 ft2, F&I, PROJECT 437300-4-52-01	AS	6.000
	0700- 25- 2	SIGNS - WAY-FINDING, GROUND MOUNT, 21-30 ft2, F&I, PROJECT 437300-4-52-01	AS	13.000
	0705- 10- 4	OBJECT MARKER, TYPE 4	EA	7.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43730045201)	LS	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	1,176.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	81.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	557.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.209
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	27.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	2.000
	0711- 11-180	THERMOPLASTIC, STANDARD, WHITE, YIELD LINE	LF	139.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	40.000
	0711- 11-421	THERMOPLASTIC, STANDARD, BLUE, SOLID, 6"	LF	286.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	7.445
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	4.262
Section 0003 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	10,050.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	91.000

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ALT	Item	Description	Unit	Quantity
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	2.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	2.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	40,309.000
	0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	176.000
	0715- 4- 13	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 40' MOUNTING HEIGHT	EA	57.000
	0715- 7- 11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	2.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	57.000
Section 0004 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	1,677.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	6.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	57.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	6.000
	0639- 1-121	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER FURNISHED BY POWER COMPANY	AS	2.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	495.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	2.000
	0639- 3- 12	ELECTRICAL SERVICE DISCONNECT, F&I, CABINET	EA	9.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	2.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	24.000
	0649- 21- 1	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 30'	EA	1.000
	0649- 21- 3	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 40'	EA	3.000
	0649- 21- 6	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 50'	EA	5.000
	0649- 21- 10	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 60'	EA	1.000
	0649- 21- 15	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 70'	EA	1.000
	0649- 21- 16	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70'-30'	EA	1.000
	0650- 1- 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	38.000
	0650- 1- 16	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	8.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	24.000
	0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	13.000
	0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	13.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	24.000
	0670- 5-110	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA	AS	3.000
	0670- 5-140	TRAFFIC CONTROLLER ASSEMBLY, FURNISH & INSTALL MODEL 207C	AS	3.000
	0676- 1-115	TRAFFIC SIGNAL CONTROLLER CABINET, FURNISH & INSTALL W/OUT CONTROLLER, NEMA SIZE 5, 30" W X 48" H X 16" D	EA	3.000

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ALT	Item	Description	Unit	Quantity
	0700- 5- 21	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	4.000
	0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	9.000
Section 0005 Landscape / Peripheral				
	0400- 4- 11	CONC CLASS IV, RETAINING WALLS	CY	30.000
	0415- 1- 3	REINFORCING STEEL- RETAINING WALL	LB	3,550.000
	0415- 1- 6	REINFORCING STEEL- MISCELLANEOUS	LB	11,145.000
	0515- 2-456	PEDESTRIAN / BICYCLE RAILING, STEEL CABLE SYSTEM, 42", PROJECT 437300-4-52-01	LF	153.000
	0519- 78-	BOLLARDS	EA	26.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	124.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	2,527.000
	0531- 1- 7	IMPERMEABLE POND LINER, PROJECT NUMBER 437300-4-52-01	SY	200.000
	0590- 70-	IRRIGATION SYSTEM (43730045201)	LS	1.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	1,675.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	23.000
	0715- 1- 11	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 10 OR <	LF	1,671.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	7,414.000
	0715- 7- 11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	1.000
	0715- 52- 6	LIGHTING, SPECIAL LIGHTING, PALM RING LIGHTING, PROJECT 437300-4-52-01	LS	1.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	6.000
	0715-516-120	LIGHT POLE COMPLETE-SPECIAL DESIGN, F&I, POLE TOP MOUNT, ALUMINUM, 20'	EA	12.000
	0751- 11- 18	ARCHITECTURAL- DECK, PROJECT 437300-4-52-01	LS	1.000
	0751- 11- 22	ARCHITECTURAL- SPECIAL, F&I, SCUPPER OUTFALL, PROJECT 437300-4-52-01	EA	3.000
	0751- 11- 23	ARCHITECTURAL- SPECIAL, F&I, WATER FEATURE, RECIRCULATING, PROJECT 437300-4-52-01	EA	1.000
	0751- 33-100	ARCHITECTURAL, SPECIAL, TABLE WITH SEATING - PROJECT 437300-4-52-01	EA	7.000
	0751- 36- 13	BICYCLE RACK, FURNISH & INSTALL, 7-10 BICYCLES	EA	6.000
	0751- 37-	TRASH RECEPTACLE	EA	4.000
	0751- 37- 1	TRASH RECEPTACLE- ASH URN	EA	1.000
	0751- 38- 14	BENCH, F&I, STEEL	EA	2.000
Section 0006 Utilities				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	56,192.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,884.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	4.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	69.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	5.000
	0639- 1-121	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER FURNISHED BY POWER COMPANY	AS	1.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	67,386.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	4.000
	0639- 6- 1	ELECTRICAL POWER SERVICE- TRANSFORMER FURNISH & INSTALL	EA	23.000

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ALT	Item	Description	Unit	Quantity
	0639- 7-110	ELECTRICAL POWER SERVICE, F&I, MEDIUM VOLTAGE PULL BOX (4'X4'), PROJECT 437300-4-52-01	EA	15.000
	0639- 7-111	ELECTRICAL POWER SERVICE, F&I, MEDIUM VOLTAGE PULL BOX (5' X 9'), PROJECT 437300-4-52-01	EA	8.000
	0639- 7-112	ELECTRICAL POWER SERVICE, F&I, PAD-MOUNT SWITCHGEAR VACUUM FAULT INTERRUPTER, PROJECT 437300-4-52-01	EA	3.000
	0639- 8- 15	ELECTRICAL POWER SERVICE- CONTRIBUTION IN AID OF CONSTRUCTION (CIAC), PROJECT 437300-4-52-01 (DO NOT BID) (43730045201)	LS	1.000
	0639- 12-100	VEHICLE CHARGING STATION, LEVEL 2, PROJECT 437300-4-52-01	AS	5.000
	0639- 12-101	VEHICLE CHARGING STATION, LEVEL 3, PROJECT 437300-4-52-01	AS	2.000
	0641- 2- 11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	EA	3.000
	0715- 1- 11	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 10 OR <	LF	921.000
	0715- 4- 11	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 30' MOUNTING HEIGHT	EA	41.000
	0715-511-120	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SINGLE ARM SHOULDER MOUNT, ALUMINUM, 20'	EA	10.000
	1050- 31-202	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 2"	LF	4,172.000
	1050- 31-203	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 3"	LF	102.000
	1050- 31-204	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 4"	LF	4,014.000
	1050- 31-206	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 6"	LF	6,793.000
	1050- 31-208	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 8"	LF	8,543.000
	1050- 31-210	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 10"	LF	5,742.000
	1050- 31-211	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 1"	LF	146.000
	1050- 31-212	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 12"	LF	2,300.000
	1050- 42-203	UTILITY PIPE- HIGH DENSITY POLYETHYLENE, FURNISH & INSTALL, WATER/SEWER, 3"	LF	482.000
	1050- 42-204	UTILITY PIPE- HIGH DENSITY POLYETHYLENE, FURNISH & INSTALL, WATER/SEWER, 4"	LF	2,200.000
	1050- 42-206	UTILITY PIPE- HIGH DENSITY POLYETHYLENE, FURNISH & INSTALL, WATER/SEWER, 6"	LF	1,392.000
	1050- 42-208	UTILITY PIPE- HIGH DENSITY POLYETHYLENE, FURNISH & INSTALL, WATER/SEWER, 8"	LF	3,282.000
	1050- 42-210	UTILITY PIPE- HIGH DENSITY POLYETHYLENE, FURNISH & INSTALL, WATER/SEWER, 10"	LF	148.000
	1050- 42-212	UTILITY PIPE- HIGH DENSITY POLYETHYLENE, FURNISH & INSTALL, WATER/SEWER, 12"	LF	140.000
	1050- 61-112	UTILITY PIPE- STEEL, FURNISH & INSTALL, CASING, 12"	LF	120.000
	1050- 61-116	UTILITY PIPE- STEEL, FURNISH & INSTALL, CASING, 16"	LF	200.000
	1050- 61-124	UTILITY PIPE- STEEL, FURNISH & INSTALL, CASING, 24"	LF	60.000
	1055- 31-108	UTILITY FITTINGS FOR PVC PIPE, FURNISH AND INSTALL, ELBOW, 8"	EA	14.000
	1055- 31-110	UTILITY FITTINGS FOR PVC PIPE, FURNISH AND INSTALL, ELBOW, 10"	EA	13.000

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ALT	Item	Description	Unit	Quantity
	1055- 31-112	UTILITY FITTINGS FOR PVC PIPE, FURNISH AND INSTALL, ELBOW, 12"	EA	9.000
	1055- 31-208	UTILITY FITTINGS FOR PVC PIPE, FURNISH AND INSTALL, TEE, 8"	EA	7.000
	1055- 31-210	UTILITY FITTINGS FOR PVC PIPE, FURNISH AND INSTALL, TEE, 10"	EA	6.000
	1055- 31-212	UTILITY FITTINGS FOR PVC PIPE, FURNISH AND INSTALL, TEE, 12"	EA	16.000
	1055- 31-308	UTILITY FITTINGS FOR PVC PIPE, FURNISH AND INSTALL, REDUCER, 8"	EA	6.000
	1055- 31-310	UTILITY FITTINGS FOR PVC PIPE, FURNISH AND INSTALL, REDUCER, 10"	EA	3.000
	1055- 31-312	UTILITY FITTINGS FOR PVC PIPE, FURNISH AND INSTALL, REDUCER, 12"	EA	3.000
	1055- 31-610	UTILITY FITTINGS FOR PVC PIPE, FURNISH AND INSTALL, 10" WYE	EA	1.000
	1055- 31-708	UTILITY FITTINGS FOR PVC PIPE, FURNISH AND INSTALL, CLEANOUT 8"	EA	34.000
	1060- 11-211	UTILITY STRUCTURE, BELOW GROUND, F&I, WATER/SEWER, 0 - 80 FT3, 0 - 6'	EA	7.000
	1060- 11-212	UTILITY STRUCTURE, BELOW GROUND, F&I, WATER/SEWER, 0 - 80 FT3, 6.1 - 12'	EA	20.000
	1060- 11-213	UTILITY STRUCTURE, BELOW GROUND, F&I, WATER/SEWER, 0 - 80 FT3, >12'	EA	4.000
	1080- 21-104	UTILITY FIXTURE, VALVE/METER BOX, FURNISH & INSTALL, 4"	EA	4.000
	1080- 21-106	UTILITY FIXTURE, VALVE/METER BOX, FURNISH & INSTALL, 6"	EA	4.000
	1080- 21-108	UTILITY FIXTURE, VALVE/METER BOX, FURNISH & INSTALL, 8"	EA	2.000
	1080- 22-106	UTILITY FIXTURE- BACKFLOW ASSEMBLY, FURNISH & INSTALL,6"	EA	1.000
	1080- 22-112	UTILITY FIXTURE- BACKFLOW ASSEMBLY, FURNISH & INSTALL,12"	EA	1.000
	1080- 24-100	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 1"	EA	10.000
	1080- 24-102	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 2"	EA	11.000
	1080- 24-103	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 3"	EA	4.000
	1080- 24-104	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 4"	EA	9.000
	1080- 24-106	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 6"	EA	39.000
	1080- 24-108	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 8"	EA	8.000
	1080- 24-110	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 10"	EA	7.000
	1080- 24-112	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 12"	EA	3.000
	1080- 26-102	UTILITY FIXTURE, VAC/AIR ASSEMBLY, FURNISH & INSTALL 2"	EA	1.000
	1080- 26-104	UTILITY FIXTURE, VAC/AIR ASSEMBLY, FURNISH & INSTALL 4"	EA	2.000
	1080- 26-106	UTILITY FIXTURE, VAC/AIR ASSEMBLY, FURNISH & INSTALL 6"	EA	3.000
	1080- 26-108	UTILITY FIXTURE, VAC/AIR ASSEMBLY, FURNISH & INSTALL 8"	EA	1.000
	1080- 26-110	UTILITY FIXTURE, VAC/AIR ASSEMBLY, FURNISH & INSTALL 10"	EA	3.000
	1080- 26-112	UTILITY FIXTURE, VAC/AIR ASSEMBLY, FURNISH AND INSTALL12"	EA	2.000
	1080- 32-101	UTILITY FIXTURE- SAMPLE POINT, FURNISH & INSTALL, 1"	EA	17.000
	1501- 1-	LIFT STATION, SANITARY SEWER	EA	2.000
	1644-113- 08	FIRE HYDRANT, F&I, STANDARD, 2 HOSE, 1PUMPER, 6"	EA	16.000
Section 0007 Architectural				
	0750- 1-101	ARCHITECTURAL- BUILDING, SUNTRAX PROJECT 437300-4-52-01, BUILDING 1 (43730045201)	LS	1.000
	0750- 1-102	ARCHITECTURAL- BUILDING, SUNTRAX PROJECT 437300-4-52-01, BUILDING 2 (43730045201)	LS	1.000

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ALT	Item	Description	Unit	Quantity
	0750- 1-103	ARCHITECTURAL- BUILDING, SUNTRAX PROJECT 437300-4-52-01, BUILDING 3 (43730045201)	LS	1.000
	0750- 1-104	ARCHITECTURAL- BUILDING, SUNTRAX PROJECT 437300-4-52-01, BUILDING 4 (43730045201)	LS	1.000
	0750- 1-105	ARCHITECTURAL- BUILDING, SUNTRAX PROJECT 437300-4-52-01, BUILDING 5 (43730045201)	LS	1.000
	0750- 1-107	ARCHITECTURAL- BUILDING, SUNTRAX PROJECT 437300-4-52-01, BUILDING 7 (43730045201)	LS	1.000
	0750- 1-108	ARCHITECTURAL- BUILDING, SUNTRAX PROJECT 437300-4-52-01, BUILDING 8 (43730045201)	LS	1.000
	0750- 1-109	ARCHITECTURAL- BUILDING, SUNTRAX PROJECT 437300-4-52-01, BUILDING 9 (43730045201)	LS	1.000
	0750- 1-110	ARCHITECTURAL- BUILDING, SUNTRAX PROJECT 437300-4-52-01, BUILDING 10 (43730045201)	LS	1.000
	0750- 1-111	ARCHITECTURAL- BUILDING, SUNTRAX PROJECT 437300-4-52-01, BUILDING 11 (43730045201)	LS	1.000
	0750- 1-112	ARCHITECTURAL- BUILDING, SUNTRAX PROJECT 437300-4-52-01, BUILDING 12 (43730045201)	LS	1.000
	0750- 1-113	ARCHITECTURAL- BUILDING, SUNTRAX PROJECT 437300-4-52-01, BUILDING 13 (43730045201)	LS	1.000
Section 0008 Intelligent Transportation System				
	0508- 2- 1	MOVABLE BRIDGE GATE, F&I	AS	36.000
	0508- 2- 5	MOVABLE BRIDGE GATE, ADJUST/MODIFY/REHAB	AS	5.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	25,054.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	4,432.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	28,201.000
	0633- 1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	7,245.000
	0633- 1-123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	LF	793.000
	0633- 1-124	FIBER OPTIC CABLE, F&I, UNDERGROUND, 97 - 144 FIBERS	LF	34,191.000
	0633- 1-620	FIBER OPTIC CABLE, REMOVE, UNDERGROUND	LF	9,149.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	816.000
	0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	1,728.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	34.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	59.000
	0633- 3- 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	1,972.000
	0633- 3- 15	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED PATCH PANEL	EA	61.000
	0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF	3,250.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	129.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	138.000
	0635- 2- 30	PULL & SPLICE BOX, INSTALL	EA	4.000
	0635- 2-103	PULL & SPLICE BOX, F&I, HS-20 REINFORCED CONCRETE FIBER OPTIC MANHOLE, PROJECT 437300-4-52-01	EA	36.000
	0639- 1-123	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER NOT REQUIRED	AS	23.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	19,447.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	60.000
	0639- 6- 1	ELECTRICAL POWER SERVICE- TRANSFORMER FURNISH & INSTALL	EA	53.000

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ALT	Item	Description	Unit	Quantity
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	40.000
	0641- 3-175	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 75'	EA	32.000
	0646- 2-120	ALUMINUM POLE- INDEX 17900/695-001, FURNISH & INSTALL, 20'	EA	41.000
	0676- 2-122	ITS CABINET, FURNISH & INSTALL, POLE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	EA	31.000
	0676- 3- 10	SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS THAN 10"W X 13"H X 11" D	EA	21.000
	0682- 1-133	ITS CCTV CAMERA, F&I, DOME ENCLOSURE - NON-PRESSURIZED, IP, HIGH DEFINITION	EA	65.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	59.000
	0684- 6- 30	WIRELESS COMMUNICATION DEVICE, INSTALL	EA	41.000
	0684- 90- 11	NETWORK DEVICE, MASTER HUB ETHERNET SWITCH, LAYER 3, PROJECT 437300-4-52-01	EA	2.000
	0685- 1- 11	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE	EA	31.000
	0715- 7- 11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	29.000