

August 2, 2013

To: Plan Holders for Improvements to the
Springfield-Branson National Airport
Springfield, Missouri
MoDOT Project No. AIR 126-092A1
West Kearney Terminal Parking Lot and GA Redevelopment

Transmitted herewith is **Addendum No. 3** to the Contract Documents, Plans and Specifications dated July 8, 2013 for Improvements to the Springfield-Branson National Airport, Springfield, Missouri, MoDOT Project No. AIR 126-092A1.

SCHEDULE I:

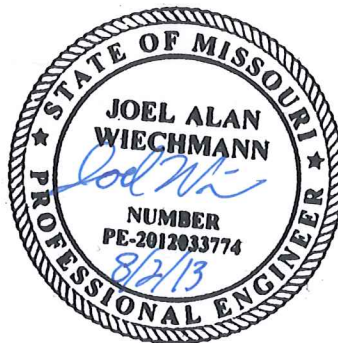
General Aviation Apron Redevelopment

SCHEDULE II:

West Kearney Terminal Parking Lot

Sincerely,

Jviation, Inc.



Joel Wiechmann, P.E.
Project Manager

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**ADDENDUM NO. 3
TO
CONTRACT DOCUMENTS, PLANS AND SPECIFICATIONS
FOR IMPROVEMENTS TO THE
SPRINGFIELD-BRANSON NATIONAL AIRPORT
SPRINGFIELD, MISSOURI
MoDOT PROJECT NO. AIR 126-092A1**

To All Bidders: You are requested to make all changes and/or additions contained in this addendum to the Bidding Documents. Failure to acknowledge this Addendum in Proposal shall result in rejection of bid. Bidders are informed that the above referenced Contract Documents, Plans and Specifications are modified as follows as of August 2, 2013:

1. Questions

1. What size is required for the signs on sheets C850-852?
 - a) The size of the signs shall be in accordance with the Conventional Road size in the current Manual of Uniform Traffic Control Devices (MUTCD). See Table 2B-1 for Regulatory Sign and Plaque Sizes and Table 2D-1 for Conventional Road Guide Sign Sizes. Reflectivity shall also meet the MUTCD minimum requirements.
2. Detail 1/C602 Butt Joint Detail on page 86 of 130. I only find it on the plans in one place shown in section G-G; G/C302 C305 on Page 85 of 130. Is this the only place to construct this joint on the project?
 - a) Detail 1 on sheet C602 is a typical butt joint detail. It shall be used where new asphalt is being tied into existing asphalt. At minimum, it shall be used on the tie in to N. General Aviation Ave. on sheet C305, and the new roundabout tie-ins on sheets C304 & C306.

No further questions will be taken as of Thursday August 1, 2013 5:00 p.m. (CST).

2. Contract Documents

Section: B (Volume 1)
Page: B 2.1 to 2.18
Revision: The Bid Proposal has been revised to reflect a quantity adjustment for Item MoDOT-608d. The Bid Proposal has been re-issued in its entirety and is attached at the back of this document.

3. Technical Specifications

Section: F-165 Vertical Pivot Gate
Page: F-165-4
Revision: Sheet F-165-4 is being revised to match the 16' vertical pivot gate called out in the plans.

4. PLANS

Sheet Name: G003
Sheet No.: 3 of 130
Revision: See attached revised sheet dated 08/1/2013.

Sheet Name: City Utilities Gas & Water Main Ext.
Sheets: 2 of 2
Revision: The following changes are required on the City Utilities Gas and Water Plan sheet. See attached revised sheet dated 08/1/2013.

- At work location 7, we call for an 8" x 6" HDPE Branch Saddle; this will need to be a 12" X 6" HDPE Branch Saddle.
- We have called for (5) 5-1/2' Fire Hydrants, we would like to change these to read (4) 5' Fire Hydrants and (1) 5-1/2' Fire Hydrant. The one and only 5-1/2' Fire Hydrant will be located at work location 16.

**** END OF ADDENDUM NO. 3 ****

BID PROPOSAL SUMMARY

Bidder Name:

SCHEDULE I TOTAL

\$

SCHEDULE II TOTAL

\$

TOTAL ALL SCHEDULES

\$

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Item No.	Description		Units	Estimated Quantity	Unit Price	Total
BASE BID ITEMS						
MO-100a	Mobilization	at the unit price of:_____dollars and _____cents.	LS	1	\$	\$
MO-110a	1" PVC Conduit, Installed in Trench (DEB)	at the unit price of:_____dollars and _____cents.	LF	1,000	\$	\$
MO-110d	2" PVC Conduit, Installed in Trench (DEB)	at the unit price of:_____dollars and _____cents.	LF	150	\$	\$
MO-110e	2-4" PVC Conduit, Installed in Trench (DEB)	at the unit price of:_____dollars and _____cents.	LF	1,600	\$	\$
MO-110f	4-3" PVC Conduit, Installed in Trench (DEB)	at the unit price of:_____dollars and _____cents.	LF	70	\$	\$
MO-110g	3-2" PVC Duct Bank per City Utilities Standards (DEB)	at the unit price of:_____dollars and _____cents.	LF	1,700	\$	\$
MO-152a	Class A Excavation	at the unit price of:_____dollars and _____cents.	CY	71,000	\$	\$
MO-152b	Class C Excavation	at the unit price of:_____dollars and _____cents.	CY	14,200	\$	\$
MO-152c	Igneous Rock Excavation	at the unit price of:_____dollars and _____cents.	CY	7,100	\$	\$
MO-152d	Subgrade Preparation	at the unit price of:_____dollars and _____cents.	SY	24,200	\$	\$
MO-155a	Fly Ash Treated Subgrade - 12 Inches	at the unit price of:_____dollars and _____cents.	SY	20,700	\$	\$
MO-155b	Fly Ash - Type C	at the unit price of:_____dollars and _____cents.	TON	2,100	\$	\$
MO-156a	Temporary Erosion Control	at the unit price of:_____dollars and _____cents.	LS	1	\$	\$
MO-209a	Crushed Aggregate Base Course (6 inch)	at the unit price of:_____dollars and _____cents.	SY	3,600	\$	\$
MO-401Sa	Mineral Aggregate (BP-1)	at the unit price of:_____dollars and _____cents.	TON	1,150	\$	\$

Item No.	Description	at the unit price of:_____cents. and _____dollars	Units	Estimated Quantity	Unit Price	Total
MO-401Sb	Bituminous Asphalt Cement (BP-1)	at the unit price of:_____cents. and _____dollars	TON	75	\$	\$
MO-603a	Bituminous Tack Coat	at the unit price of:_____cents. and _____dollars	GAL	1,000	\$	\$
MO-620a	Temporary Pavement Markings	at the unit price of:_____cents. and _____dollars	SF	420	\$	\$
MO-620b	Permanent Pavement Markings	at the unit price of:_____cents. and _____dollars	SF	1,300	\$	\$
MO-701a	15 Inch Reinforced Concrete Pipe - Class V	at the unit price of:_____cents. and _____dollars	LF	330	\$	\$
MO-701b	18 Inch Reinforced Concrete Pipe - Class V	at the unit price of:_____cents. and _____dollars	LF	810	\$	\$
MO-701c	24 Inch Reinforced Concrete Pipe - Class V	at the unit price of:_____cents. and _____dollars	LF	185	\$	\$
MO-701d	30 Inch Reinforced Concrete Pipe - Class V	at the unit price of:_____cents. and _____dollars	LF	375	\$	\$
MO-701e	36 Inch Reinforced Concrete Pipe - Class V (Complete Replacement)	at the unit price of:_____cents. and _____dollars	LF	90	\$	\$
MO-901a	Seeding with Hydromulch	at the unit price of:_____cents. and _____dollars	AC	7	\$	\$
MoDOT-608a	Concrete Sidewalk	at the unit price of:_____cents. and _____dollars	SY	260	\$	\$
MoDOT-720a	Mechanically Stabilized Earth Wall Systems (Complete In Place)	at the unit price of:_____cents. and _____dollars	SF	1,750	\$	\$
MoDOT-731a	Install MoDOT Drop Inlet Type T	at the unit price of:_____cents. and _____dollars	EA	2	\$	\$
MoDOT-731b	Install MoDOT Drop Inlet Type S-1	at the unit price of:_____cents. and _____dollars	EA	4	\$	\$
MoDOT-903a	Traffic Signs (R1-4)	at the unit price of:_____cents. and _____dollars	EA	1	\$	\$
MoDOT-903d	Traffic Signs (R7-8)	at the unit price of:_____cents. and _____dollars	EA	2	\$	\$

Item No.	Description	at the unit price of: _____ cents. and _____ dollars.	Units	Estimated Quantity	Unit Price	Total
MoDOT-903e	Traffic Signs (R7-8a)		EA	2	\$	\$
P-140a	Asphalt Pavement Removal (Full Depth)	at the unit price of: _____ cents. and _____ dollars.	SY	24,110	\$	\$
P-140b	Asphalt Pavement Removal (Partial Depth)	at the unit price of: _____ cents. and _____ dollars.	SY	20	\$	\$
P-140c	Apron Concrete Pavement Removal (Full Depth)	at the unit price of: _____ cents. and _____ dollars.	SY	8,740	\$	\$
P-140d	Road Concrete Pavement Removal (Full Depth)	at the unit price of: _____ cents. and _____ dollars.	SY	5,100	\$	\$
P-140e	Remove Curb and Gutter	at the unit price of: _____ cents. and _____ dollars.	LF	6,335	\$	\$
P-140f	Remove Sidewalk	at the unit price of: _____ cents. and _____ dollars.	SY	235	\$	\$
P-150a	Remove Existing ARFF Building	at the unit price of: _____ cents. and _____ dollars.	LS	1	\$	\$
P-150c	Remove Existing Miscellaneous Building	at the unit price of: _____ cents. and _____ dollars.	EA	2	\$	\$
P-150d	Remove Existing Covered Walkway	at the unit price of: _____ cents. and _____ dollars.	LS	1	\$	\$
P-150e	Remove Existing Hangar Foundation	at the unit price of: _____ cents. and _____ dollars.	LS	1	\$	\$
P-150f	Remove Oil/Water Separator (Complete)	at the unit price of: _____ cents. and _____ dollars.	LS	1	\$	\$
P-150g	Remove Retaining Wall	at the unit price of: _____ cents. and _____ dollars.	LF	170	\$	\$
P-150h	Remove Brick Wall (Complete)	at the unit price of: _____ cents. and _____ dollars.	LF	130	\$	\$
P-150i	Remove Existing Signs	at the unit price of: _____ cents. and _____ dollars.	EA	17	\$	\$
P-150k	Remove Fence	at the unit price of: _____ cents. and _____ dollars.	LF	1,520	\$	\$

Item No.	Description	at the unit price of:_____cents. and _____dollars	Units	Estimated Quantity	Unit Price	Total
P-150l	Remove Fuel Tank and Lines(Complete)	at the unit price of:_____cents. and _____dollars	EA	1	\$	\$
P-150m	Remove Existing Water Line (Complete)	at the unit price of:_____cents. and _____dollars	LF	800	\$	\$
P-150n	Remove Existing Water Manhole	at the unit price of:_____cents. and _____dollars	EA	1	\$	\$
P-150o	Remove Existing Water Meter	at the unit price of:_____cents. and _____dollars	EA	4	\$	\$
P-150p	Remove Water Valves	at the unit price of:_____cents. and _____dollars	EA	8	\$	\$
P-150q	Remove Existing Fire Hydrant	at the unit price of:_____cents. and _____dollars	EA	2	\$	\$
P-150r	Remove Irrigation Valve	at the unit price of:_____cents. and _____dollars	EA	1	\$	\$
P-150s	Remove Existing Storm Line (12" , 18" , 24" , 36")	at the unit price of:_____cents. and _____dollars	LF	2,400	\$	\$
P-150t	Remove Existing Storm Inlet	at the unit price of:_____cents. and _____dollars	EA	21	\$	\$
P-150u	Remove Existing Storm Manhole	at the unit price of:_____cents. and _____dollars	EA	2	\$	\$
P-150w	Remove Existing Sanitary Pipe	at the unit price of:_____cents. and _____dollars	LF	180	\$	\$
P-150x	Remove Existing Sanitary Manhole	at the unit price of:_____cents. and _____dollars	EA	5	\$	\$
P-150y	Remove Existing Sanitary Cleanout	at the unit price of:_____cents. and _____dollars	EA	1	\$	\$
P-150z	Remove Existing Manhole	at the unit price of:_____cents. and _____dollars	EA	2	\$	\$
P-150aa	Remove City Utilities Transformer	at the unit price of:_____cents. and _____dollars	EA	3	\$	\$
P-150bb	Remove Existing Natural Gas Pipe	at the unit price of:_____cents. and _____dollars	LF	900	\$	\$

Item No.	Description	at the unit price of: _____ cents. and _____ dollars.	Units	Estimated Quantity	Unit Price	Total
P-150cc	Remove Existing Natural Gas Meter	at the unit price of: _____ cents. and _____ dollars.	EA	1	\$	\$
P-150dd	Remove Existing Natural Gas Valve	at the unit price of: _____ cents. and _____ dollars.	EA	1	\$	\$
P-150ce	Remove Existing Underdrain	at the unit price of: _____ cents. and _____ dollars.	LF	210	\$	\$
P-150ff	Remove Overhead Power Cable	at the unit price of: _____ cents. and _____ dollars.	LF	520	\$	\$
P-150gg	Remove Light Pole and Foundation (Complete)	at the unit price of: _____ cents. and _____ dollars.	EA	18	\$	\$
P-150hh	Remove City Utilities Junction Cabinet	at the unit price of: _____ cents. and _____ dollars.	EA	5	\$	\$
P-150ii	Remove Telephone Pedestal	at the unit price of: _____ cents. and _____ dollars.	EA	5	\$	\$
P-150jj	Remove Bollards	at the unit price of: _____ cents. and _____ dollars.	EA	16	\$	\$
P-150ll	Remove Electrical Equipment Rack	at the unit price of: _____ cents. and _____ dollars.	EA	1	\$	\$
P-150mm	Remove Handhole	at the unit price of: _____ cents. and _____ dollars.	EA	8	\$	\$
P-150nn	Remove Junction Box	at the unit price of: _____ cents. and _____ dollars.	EA	4	\$	\$
P-150oo	Remove City Utilities Power Pole	at the unit price of: _____ cents. and _____ dollars.	EA	6	\$	\$
P-150pp	Remove Trees	at the unit price of: _____ cents. and _____ dollars.	EA	28	\$	\$
P-150rr	Adjust Existing Electrical Manhole	at the unit price of: _____ cents. and _____ dollars.	EA	1	\$	\$
P-150ss	Adjust Existing Manhole	at the unit price of: _____ cents. and _____ dollars.	EA	2	\$	\$
P-150tt	Adjust Electrical Handhole	at the unit price of: _____ cents. and _____ dollars.	EA	1	\$	\$

Item No.	Description	at the unit price of: _____ cents. and _____ dollars.	Units	Estimated Quantity	Unit Price	Total
P-150uu	Adjust Existing Sanitary Cleanout	at the unit price of: _____ cents. and _____ dollars.	EA	5	\$	\$
P-150vv	Adjust Monitoring Well	at the unit price of: _____ cents. and _____ dollars.	EA	2	\$	\$
P-150xx	Adjust Miscellaneous Well	at the unit price of: _____ cents. and _____ dollars.	EA	2	\$	\$
P-150yy	Phase 1 Berm Removal	at the unit price of: _____ cents. and _____ dollars.	LS	1	\$	\$
P-151a	Cleaning and Grubbing	at the unit price of: _____ cents. and _____ dollars.	LS	1	\$	\$
P-203a	Bituminous Drainable Layer (4-inch)	at the unit price of: _____ cents. and _____ dollars.	SY	4,300	\$	\$
P-203b	Bituminous Drainable Layer (6-inch)	at the unit price of: _____ cents. and _____ dollars.	SY	16,400	\$	\$
P-222a	Soil Sterilization	at the unit price of: _____ cents. and _____ dollars.	SY	24,200	\$	\$
P-312a	Install Stabilization Fabric	at the unit price of: _____ cents. and _____ dollars.	SY	20,620	\$	\$
P-501a	Portland Cement Concrete Pavement (6-inch)	at the unit price of: _____ cents. and _____ dollars.	SY	2,900	\$	\$
P-501b	Portland Cement Concrete Pavement (11-inch)	at the unit price of: _____ cents. and _____ dollars.	SY	14,550	\$	\$
P-501c	Portland Cement Concrete Pavement (6-inch Reinforced)	at the unit price of: _____ cents. and _____ dollars.	SY	1,400	\$	\$
P-501d	Portland Cement Concrete Pavement (11-inch Reinforced)	at the unit price of: _____ cents. and _____ dollars.	SY	1,800	\$	\$
F-162a	Install 8-Foot Chain-Link Fence	at the unit price of: _____ cents. and _____ dollars.	LF	2,850	\$	\$
F-162b	Install Temporary Chain-Link Fence	at the unit price of: _____ cents. and _____ dollars.	LF	1,725	\$	\$
F-165a	Install Vertical Pivot Gate (Complete)	at the unit price of: _____ cents. and _____ dollars.	EA	1	\$	\$

Item No.	Description	at the unit price of:_____cents. and _____dollars	Units	Estimated Quantity	Unit Price	Total
F-165b	Remove Existing Vertical Pivot Gate	at the unit price of:_____cents. and _____dollars	EA	1	\$	\$
D-705a	Install 6 Inch Perforated Underdrain	at the unit price of:_____cents. and _____dollars	LF	950	\$	\$
D-705b	Install 6 Inch Non-Perforated Underdrain	at the unit price of:_____cents. and _____dollars	LF	100	\$	\$
D-751a	Install Aircraft Rated Double Inlet Type I	at the unit price of:_____cents. and _____dollars	EA	9	\$	\$
D-751b	Install Aircraft Rated 5' Manhole	at the unit price of:_____cents. and _____dollars	EA	5	\$	\$
D-751c	Install Underdrain Inspection Pit	at the unit price of:_____cents. and _____dollars	EA	1	\$	\$
D-751d	Install Underdrain Clean out	at the unit price of:_____cents. and _____dollars	EA	4	\$	\$
D-751e	Connect to Existing Storm Structure	at the unit price of:_____cents. and _____dollars	EA	1	\$	\$
D-751f	Connect to Existing Sanitary Structure	at the unit price of:_____cents. and _____dollars	EA	3	\$	\$
D-754a	Concrete Curb and Gutter (6" curb with 2' pan)	at the unit price of:_____cents. and _____dollars	LF	2,205	\$	\$
D-754b	Concrete Curb and Gutter (6" curb with 1' pan)	at the unit price of:_____cents. and _____dollars	LF	165	\$	\$
D-754c	Concrete Curb and Gutter (8" curb with 2' pan)	at the unit price of:_____cents. and _____dollars	LF	285	\$	\$
L-139a	Temporary Construction Traffic Control (All Phases)	at the unit price of:_____cents. and _____dollars	LS	1	\$	\$
U-02510a	Install Water Line System Per City Utilities (Complete)	at the unit price of:_____cents. and _____dollars	LS	1	\$	\$
U-02550a	Install Gas Line System Per City Utilities (Complete)	at the unit price of:_____cents. and _____dollars	LS	1	\$	\$
U-02550b	Install Sanitary Line (Complete)	at the unit price of:_____cents. and _____dollars	LF	1,265	\$	\$

Item No.	Description	at the unit price of:_____cents. and _____cents.	Units	Estimated Quantity	Unit Price	Total
U-02550c	Install Sanitary Line Service (Service shall include connection to main)		EA	17	\$	\$
Div-26a	#6 AWG 600V Insulated Conductor	at the unit price of:_____dollars and _____cents.	LF	130	\$	\$
Div-26b	#8 AWG 600V Insulated Conductor	at the unit price of:_____dollars and _____cents.	LF	690	\$	\$
Div-26c	#10 AWG 600V Insulated Conductor	at the unit price of:_____dollars and _____cents.	LF	2,870	\$	\$
Div-26d	#12 AWG 600V Insulated Conductor	at the unit price of:_____dollars and _____cents.	LF	60	\$	\$
Div-26e	3/0 AWG 600V Insulated Conductor	at the unit price of:_____dollars and _____cents.	LF	350	\$	\$
Div-26f	Install Handhole	at the unit price of:_____dollars and _____cents.	EA	4	\$	\$
Div-26g	Junction Box	at the unit price of:_____dollars and _____cents.	EA	1	\$	\$
Div-26i	Install City Utilities Provided Junction Cabinet	at the unit price of:_____dollars and _____cents.	EA	3	\$	\$
Div-26j	Install City Utilities Provided Single-Phase Transformer	at the unit price of:_____dollars and _____cents.	EA	2	\$	\$
Div-26k	Install City Utilities Provided 3-Phase Transformer	at the unit price of:_____dollars and _____cents.	EA	1	\$	\$
Div-26l	Install Roadway Lighting Power Frame	at the unit price of:_____dollars and _____cents.	EA	1	\$	\$
Div-26m	Electrical for Vertical Pivot Gate	at the unit price of:_____dollars and _____cents.	EA	1	\$	\$
Div-26n	Type "A" Luminaire	at the unit price of:_____dollars and _____cents.	EA	1	\$	\$
Div-26q	Type "D" Luminaire	at the unit price of:_____dollars and _____cents.	EA	7	\$	\$
Div-26r	Type "E" Luminaire	at the unit price of:_____dollars and _____cents.	EA	2	\$	\$

SCHEDULE I

Item No.	Description	Units	Estimated Quantity	Unit Price	Total
Div-26t	12 Strand Multi Mode Fiber Optic Cable	LF	770	\$	\$
Div-26u	36 Strand Combo Fiber Optic Cable	LF	3,680	\$	\$
Div-26v	Aircraft Rated Handhole	EA	1	\$	\$

SCHEDULE I TOTAL \$ _____

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SCHEDULE II

Item No.	Description	Units	Estimated Quantity	Unit Price	Total
BASE BID ITEMS					
MO-100a	Mobilization	LS	1	\$	\$
MO-110a	1" PVC Conduit, Installed in Trench (DEB)	LF	1,100	\$	\$
MO-110b	1" HDPE Conduit, Installed by Directional Boring	LF	600	\$	\$
MO-110c	3/4" PVC Conduit, Installed in Trench (DEB)	LF	150	\$	\$
MO-110g	3-2" PVC Duct Bank per City Utilities Standards (DEB)	LF	600	\$	\$
MO-152a	Class A Excavation	CY	2,700	\$	\$
MO-152b	Class C Excavation	CY	600	\$	\$
MO-152c	Igneous Rock Excavation	CY	300	\$	\$
MO-152d	Subgrade Preparation	SY	10,600	\$	\$
MO-156a	Temporary Erosion Control	LS	1	\$	\$
MO-209a	Crushed Aggregate Base Course (6 inch)	SY	10,600	\$	\$
MO-401Sa	Mineral Aggregate (BP-1)	TON	3,150	\$	\$
MO-401Sb	Bituminous Asphalt Cement (BP-1)	TON	205	\$	\$
MO-603a	Bituminous Tack Coat	GAL	2,600	\$	\$
MO-620a	Temporary Pavement Markings	SF	11,500	\$	\$

SCHEDULE II

Item No.	Description	Units	Estimated Quantity	Unit Price	Total
MO-620b	Permanent Pavement Markings	SF	11,500	\$	\$
MO-701a	15 Inch Reinforced Concrete Pipe - Class V	LF	280	\$	\$
MO-701b	18 Inch Reinforced Concrete Pipe - Class V	LF	385	\$	\$
MO-701f	18" F.E.S.	EA	2	\$	\$
MO-901a	Seeding with Hydromulch	AC	1	\$	\$
MoDOT-608a	Concrete Sidewalk	SY	300	\$	\$
MoDOT-608b	Concrete Median Strip	SY	460	\$	\$
MoDOT-608c	Roundabout Mountable Curb	LF	400	\$	\$
MoDOT-608d	Roundabout Red Stamped Concrete Truck Apron	SY	417	\$	\$
MoDOT-731a	Install MoDOT Drop Inlet Type T	EA	7	\$	\$
MoDOT-731b	Install MoDOT Drop Inlet Type S-1	EA	1	\$	\$
MoDOT-903a	Traffic Signs (R1-1)	EA	3	\$	\$
MoDOT-903b	Traffic Signs (R1-2)	EA	4	\$	\$
MoDOT-903c	Traffic Signs (R3-7R)	EA	1	\$	\$
MoDOT-903d	Traffic Signs (R7-8)	EA	8	\$	\$
MoDOT-903e	Traffic Signs (R7-8a)	EA	2	\$	\$

SCHEDULE II

Item No.	Description	Units	Estimated Quantity	Unit Price	Total
MoDOT-903f	Traffic Signs (R5-1)	EA	5	\$	\$
MoDOT-903g	Traffic Signs (R3-5R)	EA	1	\$	\$
MoDOT-903h	Traffic Signs (D1-5 #1)	EA	1	\$	\$
MoDOT-903i	Traffic Signs (D1-5 #2)	EA	1	\$	\$
MoDOT-903j	Traffic Signs (D1-5 #3)	EA	1	\$	\$
MoDOT-903k	Traffic Signs (R4-7c)	EA	3	\$	\$
MoDOT-903l	Traffic Signs (R6-4)	EA	4	\$	\$
MoDOT-903m	Traffic Signs (D1-1 #1)	EA	1	\$	\$
MoDOT-903n	Traffic Signs (D1-1 #2)	EA	1	\$	\$
MoDOT-903o	Traffic Signs (D1-1 #3)	EA	1	\$	\$
MoDOT-903p	Traffic Signs (D1-1 #4)	EA	1	\$	\$
P-140a	Asphalt Pavement Removal (Full Depth)	SY	4,550	\$	\$
P-140b	Asphalt Pavement Removal (Partial Depth)	SY	30	\$	\$
P-140d	Road Concrete Pavement Removal (Full Depth)	SY	3,400	\$	\$
P-140e	Remove Curb and Gutter	LF	5,270	\$	\$
P-140f	Remove Sidewalk	SY	475	\$	\$

Item No.	Description	at the unit price of: _____ cents. and _____ dollars.	Units	Estimated Quantity	Unit Price	Total
P-150b	Remove Existing Toll Booths and Canopy	at the unit price of: _____ cents. and _____ dollars.	LS	1	\$	\$
P-150i	Remove Existing Signs	at the unit price of: _____ cents. and _____ dollars.	EA	21	\$	\$
P-150j	Remove Airport Entrance Sign and Lights	at the unit price of: _____ cents. and _____ dollars.	LS	1	\$	\$
P-150m	Remove Existing Water Line (Complete)	at the unit price of: _____ cents. and _____ dollars.	LF	710	\$	\$
P-150o	Remove Existing Water Meter	at the unit price of: _____ cents. and _____ dollars.	EA	1	\$	\$
P-150r	Remove Irrigation Valve	at the unit price of: _____ cents. and _____ dollars.	EA	2	\$	\$
P-150s	Remove Existing Storm Line (12", 18", 24", 36")	at the unit price of: _____ cents. and _____ dollars.	LF	730	\$	\$
P-150t	Remove Existing Storm Inlet	at the unit price of: _____ cents. and _____ dollars.	EA	5	\$	\$
P-150v	Remove FES	at the unit price of: _____ cents. and _____ dollars.	EA	1	\$	\$
P-150w	Remove Existing Sanitary Pipe	at the unit price of: _____ cents. and _____ dollars.	LF	690	\$	\$
P-150z	Remove Existing Manhole	at the unit price of: _____ cents. and _____ dollars.	EA	1	\$	\$
P-150ee	Remove Existing Underdrain	at the unit price of: _____ cents. and _____ dollars.	LF	570	\$	\$
P-150gg	Remove Light Pole and Foundation (Complete)	at the unit price of: _____ cents. and _____ dollars.	EA	6	\$	\$
P-150jj	Remove Bollards	at the unit price of: _____ cents. and _____ dollars.	EA	6	\$	\$
P-150kk	Remove Lighted Bollard	at the unit price of: _____ cents. and _____ dollars.	EA	1	\$	\$
P-150mm	Remove Handhole	at the unit price of: _____ cents. and _____ dollars.	EA	1	\$	\$

SCHEDULE II

Item No.	Description	at the unit price of: _____ cents, and _____ dollars	Units	Estimated Quantity	Unit Price	Total
P-150nn	Remove Junction Box	at the unit price of: _____ cents, and _____ dollars	EA	2	\$	\$
P-150pp	Remove Trees	at the unit price of: _____ cents, and _____ dollars	EA	18	\$	\$
P-150qq	Relocate Irrigation Control Box	at the unit price of: _____ cents, and _____ dollars	EA	5	\$	\$
P-150tt	Adjust Electrical Handhole	at the unit price of: _____ cents, and _____ dollars	EA	2	\$	\$
P-150ww	Adjust Water Valve	at the unit price of: _____ cents, and _____ dollars	EA	3	\$	\$
P-151a	Cleaning and Grubbing	at the unit price of: _____ cents, and _____ dollars	LS	1	\$	\$
P-222a	Soil Sterilization	at the unit price of: _____ cents, and _____ dollars	SY	10,600	\$	\$
P-609a	Seal Coat Existing Parking Lot	at the unit price of: _____ cents, and _____ dollars	SY	45,000	\$	\$
D-705a	Type M Riprap	at the unit price of: _____ cents, and _____ dollars	SY	25	\$	\$
D-751b	Install Aircraft Rated 5' Manhole	at the unit price of: _____ cents, and _____ dollars	EA	2	\$	\$
D-751e	Connect to Existing Storm Structure	at the unit price of: _____ cents, and _____ dollars	EA	5	\$	\$
D-754a	Concrete Curb and Gutter (6" curb with 2' pan)	at the unit price of: _____ cents, and _____ dollars	LF	1,470	\$	\$
D-754b	Concrete Curb and Gutter (6" curb with 1' pan)	at the unit price of: _____ cents, and _____ dollars	LF	585	\$	\$
D-754d	Concrete Drain Pan (4 ft)	at the unit price of: _____ cents, and _____ dollars	LF	55	\$	\$
L-139a	Temporary Construction Traffic Control (All Phases)	at the unit price of: _____ cents, and _____ dollars	LS	1	\$	\$
Div-26b	#8 AWG 600V Insulated Conductor	at the unit price of: _____ cents, and _____ dollars	LF	690	\$	\$

SCHEDULE II

Item No.	Description	at the unit price of: _____ cents. and _____ dollars.	Units	Estimated Quantity	Unit Price	Total
Div-26c	#10 AWG 600V Insulated Conductor	at the unit price of: _____ cents. and _____ dollars.	LF	5,330	\$	\$
Div-26d	#12 AWG 600V Insulated Conductor	at the unit price of: _____ cents. and _____ dollars.	LF	450	\$	\$
Div-26f	Install Handhole	at the unit price of: _____ cents. and _____ dollars.	EA	1	\$	\$
Div-26g	Junction Box	at the unit price of: _____ cents. and _____ dollars.	EA	1	\$	\$
Div-26h	Adjust Handhole	at the unit price of: _____ cents. and _____ dollars.	EA	1	\$	\$
Div-26i	Install City Utilities Provided Junction Cabinet	at the unit price of: _____ cents. and _____ dollars.	EA	1	\$	\$
Div-26o	Type "B" Luminaire	at the unit price of: _____ cents. and _____ dollars.	EA	3	\$	\$
Div-26p	Type "C" Luminaire	at the unit price of: _____ cents. and _____ dollars.	EA	1	\$	\$
Div-26q	Type "D" Luminaire	at the unit price of: _____ cents. and _____ dollars.	EA	6	\$	\$
Div-26s	Type "F" Luminaire	at the unit price of: _____ cents. and _____ dollars.	EA	3	\$	\$

SCHEDULE II TOTAL \$ _____

c. Balance System: System designed to allow barrier to be hand raised and to be hand lowered with 12 to 15 pounds of pressure, consisting of manufacturer's standard cables, sheaves, sealed cam yoke roller bearings, and tension springs pulled in a straight line.

Safety Control Switch: Provide built-in safety control switch capable of stopping barrier in any position should balance system fail.

Testing: Factory test and adjusted balance system to ensure gate may be manually raised and lowered with specified pressure.

Signage: Signage to be added to the gate barrier must be declared at the time of order so the manufacturer can add the signs on the barrier.

d. Electrical System: Oversized rain tight enclosure housing electrical components except limit switches, safety switches, and motor.

- 1) Wire: Oil and gasoline resistant.
- 2) Overload Protection: Overload protection relay to protect motor.
- 3) Reversing Controller: Provide as required to operate motor and solenoid valves.
- 4) Overrun Delay Timers: Integral to board capable of shutting down system in case motor runs longer than 30 seconds.
- 5) Proximity Switches: Adjustable tubular style limit switches capable of stopping barrier at each end of travel.
- 6) Logic Board: Programmable logic board with manufacturer's full range of available functions.
- 7) All gates are equipped with a dry contactor to accommodate all types of access equipment.

e. Additional items to provide and install on the new 16' vertical pivot gate. These items shall be considered incidental to the gate installation:

- 1) Cold weather package: Including full box insulation and heater and weather guard to keep rain and snow out of operator.
- 2) Weather shroud for keeping precipitation and debris from falling in the top of the gate equipment housing.
- 3) Ice scrapers for cable sheaves.
- 4) Loop detectors: Provide detector system to allow free exit/safety, safety or close gate operation; system to be factory wired inside electrical box and tested.
- 5) Radio controls: Provide wireless remote control receiver mounted inside gate operator cabinet. Provide 15 single button remote transmitters.
- 6) Sway braces to protect against high wind.

165-2.3 FINISHES. Factory prime with Powder coated to 80 micron thickness – Black.

\\Projects\Corp\CD\GA Development\G003

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Aug 01, 2013 - 11:14am
lcaraveo

JVIATION®



DES: D.W.C.
DR: B.A.V.
CH: C.L.G.
APP: M.J.L.

ISSUE RECORD				
NO.	BY	DATE	DESCRIPTION	
1	M.J.L.	07/08/13	ISSUE FOR BID	
2	M.J.L.	07/19/13	ADDENDUM #1	
3	M.J.L.	07/25/13	ADDENDUM #2	
4	M.J.L.	08/01/13	ADDENDUM #3	

W. KEARNEY TERMINAL
PARKING LOT AND GA
REDEVELOPMENT

SUMMARY OF APPROXIMATE QUANTITIES

JVIATION PROJ. NO.
AIR 126-092A1

DATE:
07/08/13

SHEET NAME
G003
SHEET NO.
3 of 130

SUMMARY OF APPROXIMATE QUANTITIES

ITEM	DESCRIPTION	UNIT	SCHEDULE I		SCHEDULE II	
			ESTIMATE	AS-BUILT	ESTIMATE	AS-BUILT
MO-100a	MOBILIZATION	LS	1		1	
MO-110a	1" PVC CONDUIT, INSTALLED IN TRENCH (DEB)	LF	1,000		1,100	
MO-110b	1" HDPE CONDUIT, INSTALLED BY DIRECTIONAL BORING	LF	-		600	
MO-110c	3/4" PVC CONDUIT, INSTALLED IN TRENCH (DEB)	LF	-		150	
MO-110d	2" PVC CONDUIT, INSTALLED IN TRENCH (DEB)	LF	150		-	
MO-110e	2-4" PVC CONDUIT, INSTALLED IN TRENCH (DEB)	LF	1,600		-	
MO-110f	4-3" PVC CONDUIT, INSTALLED IN TRENCH (DEB)	LF	70		-	
MO-110g	3-2" PVC DUCT BANK PER CITY UTILITIES STANDARDS (DEB)	LF	1,700		600	
MO-152a	CLASS A EXCAVATION	CY	71,000		2,700	
MO-152b	CLASS C EXCAVATION	CY	14,200		600	
MO-152c	IGNEOUS ROCK EXCAVATION	CY	7,100		300	
MO-152d	SUBGRADE PREPARATION	SY	24,200		10,600	
MO-155a	FLY ASH TREATED SUBGRADE - 12 INCHES	SY	20,700		-	
MO-155b	FLY ASH - TYPE C	TON	2,100		-	
MO-156a	TEMPORARY EROSION CONTROL	LS	1		1	
MO-209a	CRUSHED AGGREGATE BASE COURSE (6 INCH)	SY	3,600		10,600	
MO-401Sa	MINERAL AGGREGATE (BP-1)	TON	1,150		3,150	
MO-401Sb	BITUMINOUS ASPHALT CEMENT (BP-1)	TON	75		205	
MO-603a	BITUMINOUS TACK COAT	GAL	1,000		2,600	
MO-620a	TEMPORARY PAVEMENT MARKINGS	SF	420		11,500	
MO-620b	PERMANENT PAVEMENT MARKINGS	SF	1,300		11,500	
MO-701a	15 INCH REINFORCED CONCRETE PIPE - CLASS V	LF	330		280	
MO-701b	18 INCH REINFORCED CONCRETE PIPE - CLASS V	LF	810		385	
MO-701c	24 INCH REINFORCED CONCRETE PIPE - CLASS V	LF	185		-	
MO-701d	30 INCH REINFORCED CONCRETE PIPE - CLASS V	LF	375		-	
MO-701e	36 INCH REINFORCED CONCRETE PIPE - CLASS V (COMPLETE REPLACEMENT)	LF	90		-	
MO-701f	18" F.E.S.	EA	-		2	
MO-901a	SEEDING WITH HYDROMULCH	AC	7		1	
MoDOT-608a	CONCRETE SIDEWALK	SY	260		300	
MoDOT-608b	CONCRETE MEDIAN STRIP	SY	-		460	
MoDOT-608c	ROUNDBOUT MOUNTABLE CURB	LF	-		400	
MoDOT-608d	ROUNDBOUT RED STAMPED CONCRETE TRUCK APRON	SY	-		417	
MoDOT-720a	MECHANICALLY STABILIZED EARTH WALL SYSTEMS (COMPLETE IN PLACE)	SF	1,750		-	
MoDOT-731a	INSTALL MODOT DROP INLET TYPE T	EA	2		7	
MoDOT-731b	INSTALL MODOT DROP INLET TYPE S-1	EA	4		1	
MoDOT-903a	TRAFFIC SIGNS (R1-1)	EA	1		3	
MoDOT-903b	TRAFFIC SIGNS (R1-2)	EA	-		4	
MoDOT-903c	TRAFFIC SIGNS (R3-7R)	EA	-		1	
MoDOT-903d	TRAFFIC SIGNS (R7-8)	EA	2		8	
MoDOT-903e	TRAFFIC SIGNS (R7-8A)	EA	2		2	
MoDOT-903f	TRAFFIC SIGNS (R5-1)	EA	-		5	
MoDOT-903g	TRAFFIC SIGNS (R3-5R)	EA	-		1	
MoDOT-903h	TRAFFIC SIGNS (D1-5 #1)	EA	-		1	
MoDOT-903i	TRAFFIC SIGNS (D1-5 #2)	EA	-		1	
MoDOT-903j	TRAFFIC SIGNS (D1-5 #3)	EA	-		1	
MoDOT-903k	TRAFFIC SIGNS (R4-7C)	EA	-		3	
MoDOT-903l	TRAFFIC SIGNS (R6-4)	EA	-		4	
MoDOT-903m	TRAFFIC SIGNS (D1-1 #1)	EA	-		1	
MoDOT-903n	TRAFFIC SIGNS (D1-1 #2)	EA	-		1	
MoDOT-903o	TRAFFIC SIGNS (D1-1 #3)	EA	-		1	
MoDOT-903p	TRAFFIC SIGNS (D1-1 #4)	EA	-		1	
P-140a	ASPHALT PAVEMENT REMOVAL (FULL DEPTH)	SY	24,110		4,550	
P-140b	ASPHALT PAVEMENT REMOVAL (PARTIAL DEPTH)	SY	20		30	
P-140c	APRON CONCRETE PAVEMENT REMOVAL (FULL DEPTH)	SY	8,740		-	
P-140d	ROAD CONCRETE PAVEMENT REMOVAL (FULL DEPTH)	SY	5,100		3,400	
P-140e	REMOVE CURB AND GUTTER	LF	6,335		5,270	
P-140f	REMOVE SIDEWALK	SY	235		475	
P-150a	REMOVE EXISTING ARFF BUILDING	LS	1		-	
P-150b	REMOVE EXISTING TOLL BOOTHS AND CANOPY	LS	-		1	
P-150c	REMOVE EXISTING MISCELLANEOUS BUILDING	EA	2		-	
P-150d	REMOVE EXISTING COVERED WALKWAY	LS	1		-	
P-150e	REMOVE EXISTING HANGAR FOUNDATION	LS	1		-	
P-150f	REMOVE OIL/WATER SEPERATOR (COMPLETE)	LS	1		-	
P-150g	REMOVE RETAINING WALL	LF	170		-	
P-150h	REMOVE BRICK WALL (COMPLETE)	LF	130		-	
P-150i	REMOVE EXISTING SIGNS	EA	17		21	
P-150j	REMOVE AIRPORT ENTERANCE SIGN AND LIGHTS	LS	-		1	
P-150k	REMOVE FENCE	LF	1,520		-	
P-150l	REMOVE FUEL TANK AND LINES(COMPLETE)	EA	1		-	
P-150m	REMOVE EXISTING WATER LINE (COMPLETE)	LF	800		710	
P-150n	REMOVE EXISTING WATER MANHOLE	EA	1		-	
P-150o	REMOVE EXISTING WATER METER	EA	4		1	
P-150p	REMOVE WATER VALVES	EA	8		-	
P-150q	REMOVE EXISTING FIRE HYDRANT	EA	2		-	
P-150r	REMOVE IRRIGATION VALVE	EA	1		2	
P-150s	REMOVE EXISTING STORM LINE (12", 18", 24", 36")	LF	2,400		730	
P-150t	REMOVE EXISTING STORM INLET	EA	21		5	
P-150u	REMOVE EXISTING STORM MANHOLE	EA	2		-	
P-150v	REMOVE FES	EA	-		1	
P-150w	REMOVE EXISTING SANITARY PIPE	LF	180		690	
P-150x	REMOVE EXISTING SANITARY MANHOLE	EA	5		-	
P-150y	REMOVE EXISTING SANITARY CLEANOUT	EA	1		-	
P-150z	REMOVE EXISTING MANHOLE	EA	2		1	

SUMMARY OF APPROXIMATE QUANTITIES

ITEM	DESCRIPTION	UNIT	SCHEDULE I		SCHEDULE II	
			ESTIMATE	AS-BUILT	ESTIMATE	AS-BUILT
P-150aa	REMOVE CITY UTILITES TRANSFORMER	EA	3		-	
P-150bb	REMOVE EXISTING NATURAL GAS PIPE	LF	900		-	
P-150cc	REMOVE EXISTING NATURAL GAS METER	EA	1		-	
P-150dd	REMOVE EXISTING NATURAL GAS VALVE	EA	1		-	
P-150ee	REMOVE EXISTING UNDERDRAIN	LF	210		570	
P-150ff	REMOVE OVERHEAD POWER CABLE	LF	520		-	
P-150gg	REMOVE LIGHT POLE AND FOUNDATION (COMPLETE)	EA	18		6	
P-150hh	REMOVE CITY UTILITES JUNCTION CABINET	EA	5		-	
P-150ii	REMOVE TELEPHONE PEDESTAL	EA	5		-	
P-150jj	REMOVE BOLLARDS	EA	16		6	
P-150kk	REMOVE LIGHTED BOLLARD	EA	-		1	
P-150ll	REMOVE ELECTRICAL EQUIPMENT RACK	EA	1		-	
P-150mm	REMOVE HANDHOLE	EA	8		1	
P-150nn	REMOVE JUNCTION BOX	EA	4		2	
P-150oo	REMOVE CITY UTILITES POWER POLE	EA	6		-	
P-150pp	REMOVE TREES	EA	28		18	
P-150qq	RELOCATE IRRIGATION CONTROL BOX	EA	-		5	
P-150rr	ADJUST EXISTING ELECTRICAL MANHOLE	EA	1		-	
P-150ss	ADJUST EXISTING MANHOLE	EA	2		-	
P-150tt	ADJUST ELECTRICAL HANDHOLE	EA	1		2	
P-150uu	ADJUST EXISTING SANITARY CLEANOUT	EA	5		-	
P-150vv	ADJUST MONITORING WELL	EA	2		-	
P-150ww	ADJUST WATER VALVE	EA	-		3	
P-150xx	ADJUST MISCELLANEOUS WELL	EA	2		-	
P-150yy	PHASE 1 BERM REMOVAL	LS	1		-	
P-151a	CLEARING AND GRUBBING	LS	1		1	
P-203a	BITUMINOUS DRAINABLE LAYER (4-INCH)	SY	4,300		-	
P-203b	BITUMINOUS DRAINABLE LAYER (6-INCH)	SY	16,400		-	
P-222a	SOIL STERILIZATION	SY	24,200		10,600	
P-312a	INSTALL STABILIZATION FABRIC	SY	20,620		-	
P-501a	PORTLAND CEMENT CONCRETE PAVEMENT (6-INCH)	SY	2,900		-	
P-501b	PORTLAND CEMENT CONCRETE PAVEMENT (11-INCH)	SY	14,550		-	
P-501c	PORTLAND CEMENT CONCRETE PAVEMENT (6-INCH REINFORCED)	SY	1,400		-	
P-501d	PORTLAND CEMENT CONCRETE PAVEMENT (11-INCH REINFORCED)	SY	1,800		-	
P-609a	SEAL COAT EXISTING PARKING LOT	SY	-		45,000	
F-162a	INSTALL 8-FOOT CHAIN-LINK FENCE	LF	2,850		-	
F-162b	INSTALL TEMPORARY CHAIN-LINK FENCE	LF	1,725		-	
F-165a	INSTALL VERTICAL PIVOT GATE (COMPLETE)	EA	1		-	
F-165b	REMOVE EXISTING VERTICAL PIVOT GATE	EA	1		-	
D-705a	INSTALL 6 INCH PERFORATED UNDERDRAIN	LF	950		-	
D-705b	INSTALL 6 INCH NON-PERFORATED UNDERDRAIN	LF	100		-	
D-705a	TYPE M RIPRAP	SY	-		25	
D-751a	INSTALL AIRCRAFT RATED DOUBLE INLET TYPE I	EA	9		-	
D-751b	INSTALL AIRCRAFT RATED 5' MANHOLE	EA	5		2	
D-751c	INSTALL UNDERDRAIN INSPECTION PIT	EA	1		-	
D-751d	INSTALL UNDERDRAIN CLEAN OUT	EA	4		-	
D-751e	CONNECT TO EXISTING STORM STRUCTURE	EA	1		5	
D-751f	CONNECT TO EXISTING SANITARY STRUCTURE	EA	3		-	
D-754a	CONCRETE CURB AND GUTTER (6" CURB WITH 2' PAN)	LF	2,205		1,470	
D-754b	CONCRETE CURB AND GUTTER (6" CURB WITH 1' PAN)	LF	165		585	
D-754c	CONCRETE CURB AND GUTTER (8" CURB WITH 2' PAN)	LF	285		-	
D-754d	CONCRETE DRAIN PAN (4 FT)	LF	-		55	
L-139a	TEMPORARY CONSTRUCTION TRAFFIC CONTROL (ALL PHASES)	LS	1		1	
U-02510a	INSTALL WATER LINE PER CITY UTILITIES (COMPLETE)	LS	1		-	
U-02550a	INSTALL GAS LINE PER CITY UTILITIES (COMPLETE)	LS	1		-	
U-02510e	INSTALL WATER LINE (INCLUDING ALL VALVES, THRUST BLOCKS & BENDS)	LF	1,750		-	
U-02510b	INSTALL WATER LINE SERVICE (SERVICE SHALL INCLUDE CONNECTION TO MAIN)	EA	17		-	
U-02510c	INSTALL FIRE HYDRANT (COMPLETE)	EA	3		-	
U-02550e	INSTALL GAS LINE (COMPLETE)	LF	1,055		-	
U-02550b	INSTALL GAS LINE SERVICE (SERVICE SHALL INCLUDE CONNECTION TO MAIN)	EA	17		-	
U-02550eb	INSTALL SANITARY LINE (COMPLETE)	LF	1,265		-	
U-02550dc	INSTALL SANITARY LINE SERVICE (SERVICE SHALL INCLUDE CONNECTION TO MAIN)	EA	17		-	
Div-26a	#6 AWG 600V INSULATED CONDUCTOR	LF	130		-	
Div-26b	#8 AWG 600V INSULATED CONDUCTOR	LF	690		690	
Div-26c	#10 AWG 600V INSULATED CONDUCTOR	LF	2,870		5,330	
Div-26d	#12 AWG 600V INSULATED CONDUCTOR	LF	60		450	
Div-26e	3/0 AWG 600V INSULATED CONDUCTOR	LF	350		-	
Div-26f	INSTALL HANDHOLE	EA	4		1	
Div-26g	JUNCTION BOX	EA	1		1	
Div-26h	ADJUST HANDHOLE	EA	-		1	
Div-26i	INSTALL CITY UTILITES PROVIDED JUNCTION CABINET	EA	3		1	
Div-26j	INSTALL CITY UTILITIES PROVIDED SINGLE-PHASE TRANSFORMER	EA	2		-	
Div-26k	INSTALL CITY UTILITES PROVIDED 3-PHASE TRANSFORMER	EA	1		-	
Div-26l	INSTALL ROADWAY LIGHTING POWER FRAME	EA	1		-	
Div-26m	ELECTRICAL FOR VERTICAL PIVOT GRATE	EA	1		-	
Div-26n	TYPE "A" LUMINAIRE	EA	1		-	
Div-26o	TYPE "B" LUMINAIRE	EA	-		3	
Div-26p	TYPE "c" LUMINAIRE	EA	-		1	
Div-26q	TYPE "D" LUMINAIRE	EA	7		6	
Div-26r	TYPE "E" LUMINAIRE	EA	2		-	
Div-26s	TYPE "F" LUMINAIRE	EA	-		3	
Div-26t	12 STRAND MULTI MODE FIBER OPTIC CABLE	LF	770		-	
Div-26u	36 STRAND COMBO FIBER OPTIC CABLE	LF	3,680		-	
Div-26v	AIRCRAFT RATED HANDHOLE	EA	1		-	

PREVIOUS ITEM P-150pp REMOVE UNDERGROUND TANK WAS ELIMINATED

ISSUE FOR BID
NOT FOR CONSTRUCTION

THESE DRAWINGS ARE FOR BIDDING
AND CONSTRUCTION USE AND ARE NOT
A RECORD SET AS DEFINED BY LAW.
THE RECORD SETS ARE SIGNED AND
SEALED BY:

MARK J. LOVATO PE-2009002094 07/08/13

NAME REG. NO. DATE
FOR AND ON BEHALF OF JVIATION, INC.