

January 17, 2014

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. 2** to the Contract Documents, Plans and Specifications dated December 9, 2013 for Improvements to the Springfield-Branson National Airport, Springfield, Missouri, MoDOT Project No. AIR 126-092A1.

SCHEDULE I:

General Aviation Apron Redevelopment – Grading and Utilities Only

SCHEDULE II:

West Kearney Terminal Parking Lot

SCHEDULE III:

General Aviation Apron Redevelopment – Concrete Apron

SCHEDULE IV:

General Aviation Apron Redevelopment – Asphalt Access Road and Parking

SCHEDULE V:

General Aviation Apron Redevelopment – Concrete Apron

SCHEDULE VI:

General Aviation Apron Redevelopment – Concrete Apron

SCHEDULE VII:

Airport Lighted Beacon

Sincerely,

Jviation, Inc.



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Project Manager



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**ADDENDUM NO. 2
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 January 17, 2014:

1. Contract Documents (Volume 1)

Section: B (Volume 1)
Page: Section 3-43
Revision: Section 80-08 FAILURE TO COMPLETE ON TIME was revised. Specifically the liquidated damages associated to Schedule II. Also, the last sentence of the second paragraph on line 2242 and 2243 was removed in its entirety. See attached pages.

Section: B (Volume 1)
Page: B-2.3a to 2.12a
Revision: Bid Item MO-155a for Schedule I was updated and MO-905a was added. See attached pages for Schedule I.

Section: B (Volume 1)
Page: B-2.17a
Revision: Bid Item MO-155a for Schedule III has been revised. See attached pages.

Section: B (Volume 1)
Page: B-2.21a
Revision: Bid Item MO-155a for Schedule V has been revised. See attached pages.

Section: B (Volume 1)
Page: B-2.23a
Revision: Bid Item MO-155a for Schedule VI has been revised. See attached pages.

2. Technical Specifications (Volume 2)

Specification: MO-905 TOPSOILING
Page: Remove and replace entire specification.
Revision: Replace existing MO-905 technical specification with attached specification.

Specification: APPENDIX P
Page: Appendix P-1 to Appendix P-4
Revision: Replace existing Appendix P in its entirety. See attached pages.

3. Plans

Sheet: G014
Sheet No.: 14 of 125
Revision: See attached revised sheet dated 01/17/2014.

Sheet: C460, C461, C462, C463 and C464
Sheet No.: 58-62 of 125
Revision: See attached revised sheets dated 01/17/2014.

Sheet: E201 and E205
Sheet No.: 111 and 115 of 125
Revision: See attached revised sheets dated 01/17/2014.

Sheet: E403
Sheet No.: 122 of 125
Revision: See attached revised sheet dated 01/17/2014.

4. Questions

- a) The dimension on Sheet E403, Detail 2 shows a 75 foot pole however the note states the Contractor is to provide a Millerbernd 16-90HRIHI-BEACON-GV/OW- Winch System which indicates a 90 foot pole?
 - a. See revised sheet E403, for updated note.
- b) Will the fly ash be paid by the ton or will it be a fixed amount?
 - a. The MO-155b Fly Ash- Type C will be paid by the ton and is associated to the MO-155a Fly Ash Treated Subgrade – 12 Inches. Please see updated proposal sheets for revised quantities of MO-155b.
- c) Where is the transition between the 6-inch concrete and the 11-inch concrete?
 - a. All PCCP south and west of OzAir Hangar shall be 11- inch PCCP. The ten panels north of the OzAir Hangar, near the existing hangar will be 11-inch PCCP. PCCP east of the OzAir Hangar pertaining to Schedule V will be 6-inch PCCP.
- d) Is an electrical permit required, was a review of the plans performed by City of Springfield, and will one permit be required for the entire project?
 - a. Yes, an electrical permit will be required for the project and the cost thereof shall be borne by the Contractor. The plans are under review by the City of Springfield.
- e) Will the Contractor be liable to fix state, county and city roadways if they are hauling legal loads?
 - a. If the Contractor is hauling legal loads and can provide documentation that they are legal loads, they will not be responsible for repairs. It is in the best interest of the Contractor to document existing roadway condition prior to construction. The Airport will not be responsible for damage caused to the roadways.
- f) Is there a Topsoiling Specification?
 - a. Topsoil (MO-905) shall be placed on all non paved areas and shall be paid as required in MO-152.

- g) Are millings to be stockpiled at the stockpile location?
 - a. Stockpiling of MO-152 bid items shall be in the designated areas as shown on the plans. Stockpiles shall not be greater than 20 feet in height. All other materials including millings shall be hauled off site at no additional cost to the Owner.
- h) Does the existing beacon foundation need to be removed full depth?
 - a. The existing beacon can be removed four feet below exiting grade and backfilled per the requirements of MO-152 and seeded per the requirements of MO-901. The cost of seeding and backfilling shall be incidental to removal of the foundation.
- i) Will utilities be measured by plan quantity or measured in the field?
 - a. The utilities will be measured in the field of the actual material installed. See additional note added for sanitary sewer requirements on Sheet C460 to C464.
- j) What happens if a Schedule is not awarded and this impacts the Prime Contractor's ability to perform 50% of the work, to meet the DBE Goal, the minority participation, and female participation?
 - a. To clarify, the Prime's requirement is to complete 50% of the work, the DBE Goal is 8.3%, the minority participation for each trade is 2.0% and female participation for each trade is 6.9% as outlined in Section 1-3 of the Contract Documents. The Contractor shall associate all goals and requirements to Schedule I, the percentage shall be based on total dollar value of all Schedules. The priority for awarding each schedule is as follows:
 - Schedule I
 - Schedule III
 - Schedule IV
 - Schedule II
 - Schedule V
 - Schedule VI
 - Schedule VII
- k) Are the Liquidated Damages correct in Section 80-08?
 - a. Please see attached Section 3-43, 80-08 for updated changes to Liquidated Damages.
- l) If all Schedules are not awarded, does the project duration remain 125 calendar days?
 - a. No, project schedule will be based on calendar days for each specific schedule awarded.
- m) Is the funding for the project 5 million dollars?
 - a. The anticipated funding level for the project will be approximately 4.5 to 5 million dollars.
- n) Is there a detail for the temporary fence?
 - a. The temporary fence shall be constructed the same as the permanent fence with the exception that it can be plate anchored.
- o) Is there a specification for the fiber optic patch panels?
 - a. For additional information see attached Sheets E201 and E205.
- p) Based on the boring logs and limited amount of existing vegetation in the Schedule I work area, it appears that topsoil will be required for this project – will a new contract item be added for this work?

- a. A new bid item has been added to Schedule I for topsoil. See the revised attached specification MO-905 TOPSOILING and updated attached proposal sheets for Schedule I.
- q) With respect to the limestone noted in the coring data shown on Sheet G011, is it the intent of the project to pay for this excavation under item MO-150c?
 - a. Correct.
- r) Sheet G014 notes that Schedule II includes “paint obliteration” of the markings on the existing parking lot, but there does not appear to be an item included in the contract documents for pavement marking removal – will a new contract item be added for this work ?
 - a. No, paint obliteration will not be required for Schedule II. See attached sheet G014.
- s) With a 4 calendar day window to complete each sub-phase of Schedule II, pavement markings will likely need to be placed the day after application of the pavement sealer - will this be an issue during construction? Should the durations of the sub-phases of Schedule II be increased to allow additional curing time of the pavement sealer?
 - a. In our experience with the proposed rejuvenator it will break within twenty four hours.

Questions will only be taken via written format to Jviation, Inc. until Monday January 20, 2014 3:00 p.m. (CST).

Attachments:

- Pre-Bid Agenda
- Pre-Bid Sign In Sheet
- Plan Holder's List

**** END OF ADDENDUM NO. 2 ****

effective dates of the Owner's orders to suspend and resume all work, due to causes not the fault of the Contractor, shall be excluded.

At the time of final payment, the contract time shall be increased in the same proportion as the cost of the actually completed quantities bears to the cost of the originally estimated quantities in the proposal. Such increase in the contract time shall not consider either cost of work or the extension of contract time that has been covered by a change order or supplemental agreement. Charges against the contract time will cease as of the date of final acceptance.

- c. When the contract time is a specified completion date, it shall be the date on which all contract work shall be substantially completed.

If the Contractor finds it impossible for reasons beyond his/her control to complete the work within the contract time as specified, or as extended in accordance with the provisions of this subsection, he may, at any time prior to the expiration of the contract time as extended, make a written request to the Engineer for an extension of time setting forth the reasons which he believes will justify the granting of his/her request. Requests for extension of time on calendar day projects, caused by inclement weather, shall be supported with National Weather Bureau data showing the actual amount of inclement weather exceeded which could normally be expected during the contract period. The Contractor's plea that insufficient time was specified is not a valid reason for extension of time. If the Engineer finds that the work was delayed because of conditions beyond the control and without the fault of the Contractor, he may extend the time for completion in such amount as the conditions justify. The extended time for completion shall then be in full force and effect, the same as though it were the original time for completion.

80-08 FAILURE TO COMPLETE ON TIME. For each calendar day or working day, as specified in the contract, that any work remains uncompleted after the contract time (including all extensions and adjustments as provided in the subsection titled DETERMINATION AND EXTENSION OF CONTRACT TIME of this Section), the sum specified in the contract and proposal as liquidated damages will be deducted from any money due or to become due the Contractor or his/her surety. Such deducted sums shall not be deducted as a penalty but shall be considered as liquidation of a reasonable portion of damages including but not limited to additional engineering services that will be incurred by the Owner should the Contractor fail to complete the work in the time provided in his/her contract.

SCHEDULE	LIQUIDATED DAMAGES COST	ALLOWED CONSTRUCTION TIME
Schedule I	\$750 per calendar day(s)	40 calendar day(s)
Schedule II	\$1,500 per calendar day(s)	20 calendar day(s)
Schedule III	\$750 per calendar day(s)	35 calendar day(s)
Schedule IV	\$750 per calendar day(s)	20 calendar day(s)
Schedule V	\$750 per calendar day(s)	30 calendar day(s)
Schedule VI	\$750 per calendar day(s)	25 calendar day(s)
Schedule VII	\$1,500 per calendar day(s)	15 calendar day(s)

The maximum construction time for the overall project is 125 calendar day(s). See Local Provisions Part C, Item 18 for additional Liquidated Damages.

Please see Sheets G012 to G019 of the Construction Drawings for more information on the scheduling/sequencing of work on all Schedule(s).

SCHEDULE I

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	715	\$	\$
MO-110c	2" PVC Conduit, Installed in Trench (DEB)	LF	145	\$	\$
MO-110d	2-4" PVC Conduit, Installed in Trench (DEB)	LF	1,600	\$	\$
MO-110e	4-3" PVC Conduit, Installed in Trench (DEB)	LF	65	\$	\$
MO-110f	3-2" PVC Duct Bank per City Utilities Standards (DEB)	LF	1,875	\$	\$
MO-152a	Class A Excavation	CY	58,000	\$	\$
MO-152b	Class C Excavation	CY	5,000	\$	\$
MO-152c	Igneous Rock Excavation	CY	2,000	\$	\$
MO-155a	Fly Ash Treated Subgrade - 12 Inches	SY	790	\$	\$
MO-155b	Fly Ash - Type C	TON	70	\$	\$

SCHEDULE I

Item No.	Description	Units	Estimated Quantity	Unit Price	Total
MO-156a	Temporary Erosion Control	LS	1	\$	\$
MO-701a	15 Inch Reinforced Concrete Pipe - Class V	LF	265	\$	\$
MO-701b	18 Inch Reinforced Concrete Pipe - Class V	LF	1,020	\$	\$
MO-701c	24 Inch Reinforced Concrete Pipe - Class V	LF	180	\$	\$
MO-701d	30 Inch Reinforced Concrete Pipe - Class V	LF	370	\$	\$
MO-701e	36 Inch Reinforced Concrete Pipe - Class V (Complete Replacement)	LF	90	\$	\$
MO-701f	Pipe Installation Rock Excavation	CY	1,000	\$	\$
MO-901a	Seeding with Hydromulch	AC	7	\$	\$
MO-905a	Topsailing (Owner Supplied Import)	CY	3,000	\$	\$
MoDOT-608a	Concrete Sidewalk	SY	300	\$	\$
MoDOT-720a	Mechanically Stabilized Earth Wall Systems (Complete In Place)	FF	1,500	\$	\$
MoDOT-731a	Install MoDOT Drop Inlet Type T	EA	2	\$	\$

SCHEDULE I

Item No.	Description	Units	Estimated Quantity	Unit Price	Total
MoDOT-731b	Install MoDOT Drop Inlet Type S-1	EA	4	\$	\$
P-140a	Asphalt Pavement Removal (Full Depth)	SY	23,000	\$	\$
P-140b	Asphalt Pavement Removal (Partial Depth)	SY	20	\$	\$
P-140c	Apron Concrete Pavement Removal (Full Depth)	SY	2,650	\$	\$
P-140d	Road Concrete Pavement Removal (Full Depth)	SY	4,900	\$	\$
P-140e	Remove Curb and Gutter	LF	6,350	\$	\$
P-140f	Remove Sidewalk	SY	240	\$	\$
P-150a	Remove Existing ARFF Building	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 Separator (Complete)	LS	1	\$	\$

Item No.	Description	Units	Estimated Quantity	Unit Price	Total
P-150g	Remove Retaining Wall	LF	170	\$	\$
P-150h	Remove Brick Wall (Complete)	LF	130	\$	\$
P-150i	Remove Existing Signs	EA	15	\$	\$
P-150j	Remove Fence	LF	1,520	\$	\$
P-150k	Remove Fuel Tank and Lines(Complete)	EA	1	\$	\$
P-150l	Remove Existing Water Line (Complete)	LF	1,050	\$	\$
P-150m	Remove Existing Water Manhole	EA	1	\$	\$
P-150n	Remove Existing Water Meter	EA	4	\$	\$
P-150o	Remove Water Valves	EA	11	\$	\$
P-150p	Remove Existing Fire Hydrant	EA	3	\$	\$
P-150q	Remove Irrigation Valve	EA	1	\$	\$
P-150r	Remove Existing Storm Line (12", 18", 24", 36")	LF	2,400	\$	\$

Item No.	Description	Units	Estimated Quantity	Unit Price	Total
P-150s	Remove Existing Storm Inlet	EA	22	\$	\$
P-150t	Remove Existing Storm Manhole	EA	2	\$	\$
P-150u	Remove Existing Sanitary Pipe	LF	870	\$	\$
P-150v	Remove Existing Sanitary Manhole	EA	5	\$	\$
P-150w	Remove Existing Sanitary Cleanout	EA	1	\$	\$
P-150x	Remove Existing Manhole	EA	2	\$	\$
P-150y	Remove City Utilities Transformer	EA	3	\$	\$
P-150z	Remove Existing Natural Gas Pipe	LF	900	\$	\$
P-150aa	Remove Existing Natural Gas Meter	EA	1	\$	\$
P-150bb	Remove Existing Natural Gas Valve	EA	1	\$	\$
P-150cc	Remove Existing Underdrain	LF	210	\$	\$
P-150dd	Remove Overhead Power Cable	LF	520	\$	\$

Item No.	Description	Units	Estimated Quantity	Unit Price	Total
P-150ce	Remove Light Pole and Foundation (Complete)	EA	17	\$	\$
P-150ff	Remove City Utilities Junction Cabinet	EA	4	\$	\$
P-150gg	Remove Telephone Pedestal	EA	5	\$	\$
P-150hh	Remove Bollards	EA	16	\$	\$
P-150jj	Remove Electrical Equipment Rack	EA	2	\$	\$
P-150kk	Remove Handhole	EA	8	\$	\$
P-150ll	Remove Junction Box	EA	4	\$	\$
P-150mm	Remove City Utilities Power Pole	EA	3	\$	\$
P-150nn	Remove Underground Tank	EA	1	\$	\$
P-150oo	Remove Trees	EA	28	\$	\$
P-150qq	Adjust Existing Electrical Manhole	EA	1	\$	\$
P-150rr	Adjust Existing Manhole	EA	2	\$	\$

SCHEDULE I

Item No.	Description	Units	Estimated Quantity	Unit Price	Total
P-150ss	Adjust Electrical Handhole	EA	1	\$	\$
P-150tt	Adjust Existing Sanitary Cleanout	EA	5	\$	\$
P-150uu	Adjust Monitoring Well	EA	2	\$	\$
P-150vv	Adjust Miscellaneous Well	EA	2	\$	\$
P-150ww	Remove Concrete Islands	EA	4	\$	\$
P-151a	Clearing and Grubbing	LS	1	\$	\$
P-203b	Bituminous Drainable Layer (6-inch)	SY	790	\$	\$
P-312a	Install Stabilization Fabric	SY	790	\$	\$
P-501b	Portland Cement Concrete Pavement (11-inch)	SY	520	\$	\$
P-501d	Portland Cement Concrete Pavement (11-inch Reinforced)	SY	230	\$	\$
F-162a	Install 8-Foot Chain-Link Fence	LF	2,850	\$	\$
F-162b	Install Temporary Chain-Link Fence	LF	1,725	\$	\$

SCHEDULE I

Item No.	Description	Units	Estimated Quantity	Unit Price	Total
F-165a	Install Vertical Pivot Gate (Complete)	EA	1	\$	\$
F-165b	Remove Existing Vertical Pivot Gate	EA	1	\$	\$
D-751a	Install Aircraft Rated Double Inlet Type I	EA	12	\$	\$
D-751b	Install Aircraft Rated 5' Manhole	EA	7	\$	\$
D-751e	Connect to Existing Storm Structure	EA	2	\$	\$
D-751f	Connect to Existing Sanitary Structure	EA	2	\$	\$
D-754a	Concrete Curb and Gutter (6" curb with 2' pan)	LF	805	\$	\$
U-02510a	Install Water Line System Per City Utilities (Complete)	LS	1	\$	\$
U-02550a	Install Gas Line System Per City Utilities (Complete)	LS	1	\$	\$
U-02550b	Install Sanitary Line (Complete)	LF	1,850	\$	\$
U-02550c	Install Sanitary Line Service (Service shall include connection to main)	EA	14	\$	\$
U-02550d	Install Sanitary Manhole	EA	9	\$	\$

Item No.	Description	Units	Estimated Quantity	Unit Price	Total
U-02550e	Adjust Existing Sanitary Manhole	EA	1	\$	\$
Div-26a	#6 AWG 600V Insulated Conductor	LF	190	\$	\$
Div-26b	#8 AWG 600V Insulated Conductor	LF	675	\$	\$
Div-26c	#10 AWG 600V Insulated Conductor	LF	2,995	\$	\$
Div-26d	3/0 AWG 600V Insulated Conductor	LF	405	\$	\$
Div-26e	Install Handhole	EA	4	\$	\$
Div-26f	Junction Box	EA	1	\$	\$
Div-26g	Install City Utilities Provided Junction Cabinet	EA	4	\$	\$
Div-26h	Install City Utilities Provided Single-Phase Transformer	EA	2	\$	\$
Div-26i	Install City Utilities Provided 3-Phase Transformer	EA	1	\$	\$
Div-26j	Install Roadway Lighting Power Frame	EA	1	\$	\$
Div-26k	Electrical for Vertical Pivot Gate	EA	1	\$	\$

SCHEDULE I

Item No.	Description	Units	Estimated Quantity	Unit Price	Total
Div-26l	Type "A" Luminaire	EA	1	\$	\$
Div-26o	Type "D" Luminaire	EA	3	\$	\$
Div-26p	Type "E" Luminaire	EA	2	\$	\$
Div-26q	12 Strand Multi Mode Fiber Optic Cable	LF	715	\$	\$
Div-26r	36 Strand Combo Fiber Optic Cable	LF	3,665	\$	\$
Div-26s	Aircraft Rated Handhole	EA	2	\$	\$

SCHEDULE I TOTAL \$

Item No.	Description	Units	Estimated Quantity	Unit Price	Total
BASE BID ITEMS					
MO-100a	Mobilization	LS	1	\$	\$
MO-155a	Fly Ash Treated Subgrade - 12 Inches	SY	9,620	\$	\$
MO-155b	Fly Ash - Type C	TON	820	\$	\$
MO-620b	Permanent Pavement Markings	SF	415	\$	\$
P-203b	Bituminous Drainable Layer (6-inch)	SY	9,620	\$	\$
P-312a	Install Stabilization Fabric	SY	9,620	\$	\$
P-501b	Portland Cement Concrete Pavement (11-inch)	SY	8,240	\$	\$
P-501d	Portland Cement Concrete Pavement (11-inch Reinforced)	SY	1,260	\$	\$
D-705a	Install 6 Inch Perforated Underdrain	LF	250	\$	\$
D-751d	Install Underdrain Clean Out	EA	1	\$	\$
SCHEDULE III TOTAL				\$	

SCHEDULE V

Item No.	Description	Units	Estimated Quantity	Unit Price	Total
BASE BID ITEMS					
MO-100a	Mobilization	LS	1	\$	\$
MO-155a	Fly Ash Treated Subgrade - 12 Inches	SY	3,950	\$	\$
MO-155b	Fly Ash - Type C	TON	340	\$	\$
MO-620b	Permanent Pavement Markings	SF	225	\$	\$
P-203b	Bituminous Drainable Layer (6-inch)	SY	3,950	\$	\$
P-312a	Install Stabilization Fabric	SY	3,950	\$	\$
P-501a	Portland Cement Concrete Pavement (6-inch)	SY	3,500	\$	\$
P-501c	Portland Cement Concrete Pavement (6-inch Reinforced)	SY	300	\$	\$

SCHEDULE V TOTAL \$ _____

Item No.	Description	Units	Estimated Quantity	Unit Price	Total
BASE BID ITEMS					
MO-100a	Mobilization	LS	1	\$	\$
MO-155a	Fly Ash Treated Subgrade - 12 Inches	SY	3,670	\$	\$
MO-155b	Fly Ash - Type C	TON	315	\$	\$
MO-620b	Permanent Pavement Markings	SF	855	\$	\$
P-140c	Apron Concrete Pavement Removal (Full Depth)	SY	6,150	\$	\$
P-203a	Bituminous Drainable Layer (4-inch)	SY	3,670	\$	\$
P-312a	Install Stabilization Fabric	SY	3,670	\$	\$
P-501b	Portland Cement Concrete Pavement (11-inch)	SY	3,360	\$	\$
P-501d	Portland Cement Concrete Pavement (11-inch Reinforced)	SY	240	\$	\$
D-705a	Install 6 Inch Perforated Underdrain	LF	475	\$	\$
D-705b	Install 6 Inch Non-Perforated Underdrain	LF	80	\$	\$

ITEM MO-905 TOPSOILING

DESCRIPTION

905-1.1 This item shall consist of removing topsoil from areas to be stripped on the project site, preparing the ground surface for topsoil application, and placing and spreading the topsoil on prepared areas in accordance with this specification at the locations shown on the plans or as directed by the Engineer.

MATERIALS

905-2.1 TOPSOIL. Topsoil shall be a fertile, friable and loamy soil of uniform quality, without admixture of subsoil material, and shall be free from material such as hard clods, stiff clay, hardpan, partially disintegrated stone, pebbles larger than 2 inches in diameter and any other similar impurities. Topsoil shall be relatively free from grass, roots, weeds and other objectionable plant material or vegetative debris undesirable or harmful to plant life or which will prevent the formation of a suitable seedbed.

CONSTRUCTION METHODS

905-3.1 GENERAL. The areas to be stripped of topsoil and the stripping depths shall be shown on the plans. Suitable equipment necessary for proper preparation and treatment of the ground surface, stripping of topsoil, and for handling and placing of all required materials shall be on hand, in good condition, and approved by the Engineer before the various operations are started.

905-3.2 OBTAINING TOPSOIL. Prior to the stripping of topsoil from designated areas, any vegetation, briars, stumps and large roots, rubbish or stones found on such areas, which may interfere with subsequent operations, shall be removed using methods approved by the Engineer. Heavy sod or other cover, which cannot be incorporated into the topsoil by discing or other means, shall be removed.

The contractor shall remove all suitable topsoil from the designated areas on the project site and to the depth as directed by the Engineer. The topsoil shall be spread on areas already tilled and smooth-graded or stockpiled in areas approved by the Engineer. The quantity removed and placed directly or stockpiled shall be paid for at the contract unit price per cubic yard for "Class A Excavation" as specified in MO-152, Excavation and Embankment. When stockpiling of topsoil and later rehandling of such material is required, the material so rehandled shall not be paid for separately and will only be paid for in its final location.

905-3.3 PREPARING THE GROUND SURFACE. Immediately prior to placing and spreading the topsoil on any area, the surface shall be loosened by discs or spike-tooth harrows, or by other means approved by the Engineer, to a minimum depth of 2 inches to facilitate bonding of the topsoil to the covered subgrade soil. The surface of the area to be topsoiled shall be cleared of all stones larger than 2 inches in any diameter and all litter or other material which may be detrimental to proper bonding, the rise of capillary moisture, or the proper growth of the desired planting.

Limited areas, as shown on the plans, which are too compact to respond to these operations shall receive special scarification.

Grades on the area to be topsoiled, which have been established by others as shown on the plans, shall be maintained in a true and even condition. Where grades have not been established, the areas shall be smooth graded and the surface left at the prescribed grades in an even and properly compacted condition to prevent, insofar as practical, the formation of low places or pockets where water will stand.

905-3.4 PLACING TOPSOIL The topsoil shall be evenly spread on the prepared areas to a uniform depth of 3 inches after compaction, unless otherwise shown on the plans or stated in the Special Provisions. Spreading shall not be done when the ground or topsoil is frozen, excessively wet, or otherwise in a condition detrimental to the work. Spreading shall be carried on so that turfing operations can proceed with a minimum of soil preparation or tilling.

After spreading, any large, stiff clods and hard lumps shall be broken with a pulverizer or by other effective means, and all stones or rocks (2 inches or more in diameter), roots, litter, or any foreign matter shall be raked up and disposed of by the Contractor. After spreading is completed, the topsoil shall be satisfactorily compacted by rolling with a cultipacker or by other means approved by the Engineer. The compacted topsoil surface shall conform to the required lines, grades, and cross sections. Any topsoil or other dirt falling upon pavements as a result of hauling or handling of topsoil shall be promptly removed.

905-3.5 IMPORT TOPSOIL (ON-SITE). Before importing topsoil owned by the Owner, which is located adjacent to the weather station, the Contractor shall exhaust all topsoil on the construction site and have approval from the Resident Engineer that all topsoil has been used. Placing the Owner supplied topsoil shall meet the requirements of Section 905-3.4.

The Contractor after removing topsoil from the Owner supplied stockpile shall grade the stockpile to the satisfaction of the Resident Engineer, so that the Airport will be able to mow and maintain.

METHOD OF MEASUREMENT

905-4.1. Topsoil shall be measured by the number of cubic yards of topsoil measured in its final location.

BASIS OF PAYMENT

905-5.1. Payment will be paid under MO-152 Class A Excavation per cubic yard (Non-Import). This price shall be full compensation for furnishing all materials and for all preparation, placing, and spreading the materials, and for all labor, equipment, tools, and incidentals necessary to complete the item.

905-5.1. Payment for Owner supplied import material will be made at the contract unit price per cubic yard for topsoiling. This price shall be full compensation for furnishing all materials and for all

preparation, hauling, placing, and spreading the materials, and for all labor, equipment, tools, and for all labor, equipment, tools and incidentals necessary to complete the item.

Payment will be made under:

REFER TO APPENDIX P FOR ITEM DESCRIPTIONS.

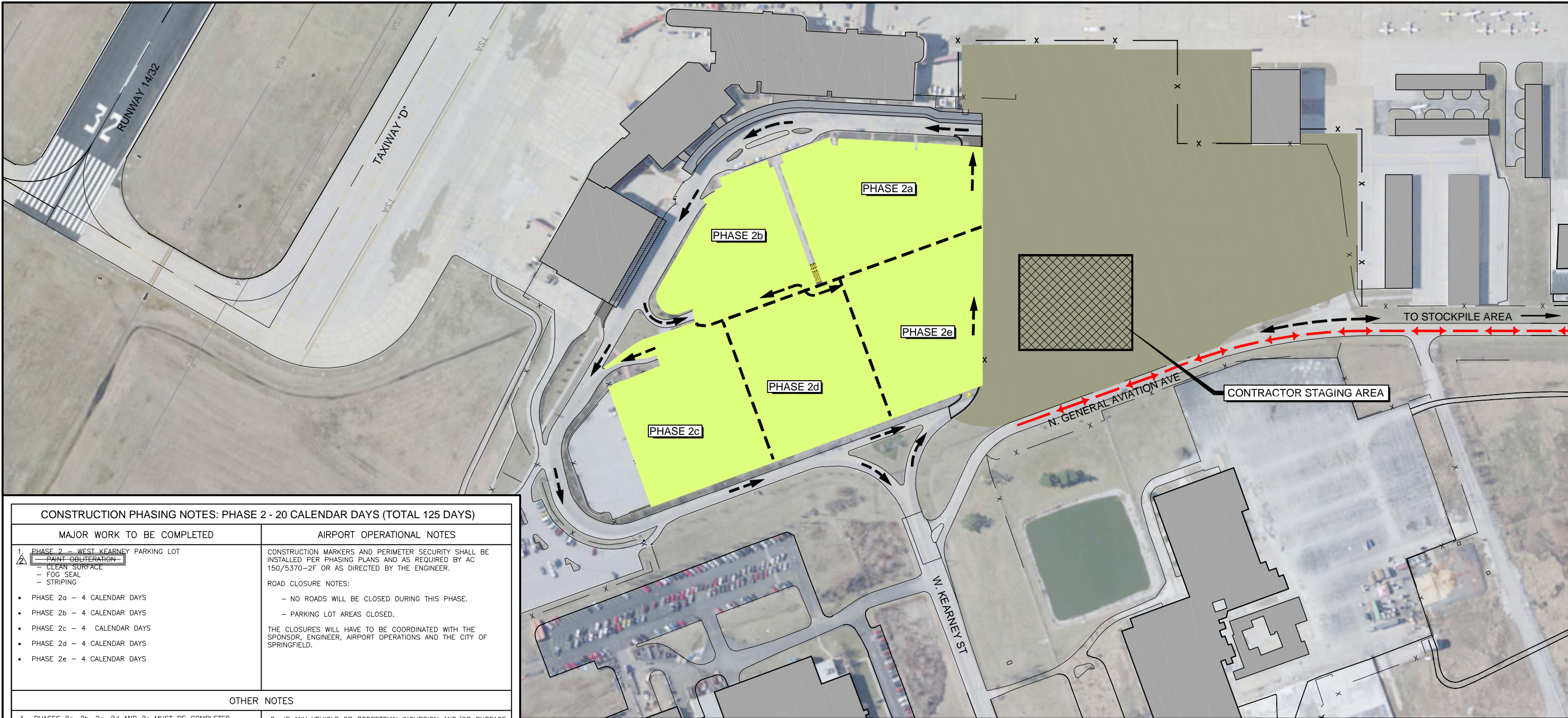
****END OF ITEM MO-905****

<u>ITEM</u>	<u>ITEM DESCRIPTION</u>	<u>UNIT</u>
<u>BASE BID ITEMS</u>		
<u>MO-100</u>	<u>Mobilization</u>	
MO-100a	Mobilization	LS
<u>MO-110</u>	<u>Airport Underground Electrical Duct Banks and Conduits</u>	
MO-110a	1" PVC Conduit, Installed in Trench (DEB)	LF
MO-110b	1" HDPE Conduit, Installed by Directional Boring	LF
MO-110c	2" PVC Conduit, Installed in Trench (DEB)	LF
MO-110d	2-4" PVC Conduit, Installed in Trench (DEB)	LF
MO-110e	4-3" PVC Conduit, Installed in Trench (DEB)	LF
MO-110f	3-2" PVC Duct Bank per City Utilities Standards (DEB)	LF
<u>MO-152</u>	<u>Excavation and Embankment</u>	
MO-152a	Class A Excavation	CY
MO-152b	Class C Excavation	CY
MO-152c	Igneous Rock Excavation	CY
MO-152d	Subgrade Preparation	SY
<u>MO-155</u>	<u>Fly Ash Treated Subgrade</u>	
MO-155a	Fly Ash Treated Subgrade - 12 Inches	SY
MO-155b	Fly Ash - Type C	TON
<u>MO-156</u>	<u>Erosion and Sediment Control</u>	
MO-156a	Temporary Erosion Control	LS
<u>MO-209</u>	<u>Crushed Aggregate Base Course</u>	
MO-209a	Crushed Aggregate Base Course (6 inch)	SY
<u>MO-401S</u>	<u>Plant Mix Bituminous Pavements</u>	
MO-401Sa	Mineral Aggregate (BP-1)	TON
MO-401Sb	Bituminous Asphalt Cement (BP-1)	TON
<u>MO-603</u>	<u>Bituminous Tack Coat</u>	
MO-603a	Bituminous Tack Coat	GAL
<u>MO-620</u>	<u>Pavement Striping</u>	
MO-620a	Temporary Pavement Markings	SF
MO-620b	Permanent Pavement Markings	SF
<u>MO-701</u>	<u>Pipe for Storm Drains and Culverts</u>	
MO-701a	15 Inch Reinforced Concrete Pipe - Class V	LF
MO-701b	18 Inch Reinforced Concrete Pipe - Class V	LF
MO-701c	24 Inch Reinforced Concrete Pipe - Class V	LF
MO-701d	30 Inch Reinforced Concrete Pipe - Class V	LF
MO-701e	36 Inch Reinforced Concrete Pipe - Class V (Complete Replacement)	LF
MO-701f	Pipe Installation Rock Excavation	CY
<u>MO-901</u>	<u>Seeding</u>	
MO-901a	Seeding with Hydromulch	AC
<u>MO-905</u>	<u>Topsoiling</u>	
MO-905a	Topsoiling (Owner Supplied Import)	CY
<u>MoDOT-608</u>	<u>Concrete Median, Median Strip, Sidewalk, and Curb Ramps</u>	
MoDOT-608a	Concrete Sidewalk	SY

<u>ITEM</u>	<u>ITEM DESCRIPTION</u>	<u>UNIT</u>
<u>MoDOT-720</u>	<u>Mechanically Stabilized Earth Wall Systems</u>	
MoDOT-720a	Mechanically Stabilized Earth Wall Systems (Complete In Place)	FF
<u>MoDOT-731</u>	<u>Precast Reinforced Concrete Manholes and Drop Inlets</u>	
MoDOT-731a	Install MoDOT Drop Inlet Type T	EA
MoDOT-731b	Install MoDOT Drop Inlet Type S-1	EA
<u>MoDOT-903</u>	<u>Traffic Control</u>	
MoDOT-903a	Traffic Signs (R1-1)	EA
MoDOT-903b	Traffic Signs (R2-1)	EA
MoDOT-903c	Traffic Signs (R5-1)	EA
MoDOT-903d	Traffic Signs (R6-1)	EA
MoDOT-903e	Traffic Signs (R7-8)	EA
MoDOT-903f	Traffic Signs (R7-8a)	EA
<u>P-140</u>	<u>Pavement Removal</u>	
P-140a	Asphalt Pavement Removal (Full Depth)	SY
P-140b	Asphalt Pavement Removal (Partial Depth)	SY
P-140c	Apron Concrete Pavement Removal (Full Depth)	SY
P-140d	Road Concrete Pavement Removal (Full Depth)	SY
P-140e	Remove Curb and Gutter	LF
P-140f	Remove Sidewalk	SY
<u>P-150</u>	<u>Demolition and Removal</u>	
P-150a	Remove Existing ARFF Building	LS
P-150b	Remove Existing Toll Booths and Canopy	LS
P-150c	Remove Existing Miscellaneous Building	EA
P-150d	Remove Existing Covered Walkway	LS
P-150e	Remove Existing Hangar Foundation	LS
P-150f	Remove Oil/Water Separator (Complete)	LS
P-150g	Remove Retaining Wall	LF
P-150h	Remove Brick Wall (Complete)	LF
P-150i	Remove Existing Signs	EA
P-150j	Remove Fence	LF
P-150k	Remove Fuel Tank and Lines(Complete)	EA
P-150l	Remove Existing Water Line (Complete)	LF
P-150m	Remove Existing Water Manhole	EA
P-150n	Remove Existing Water Meter	EA
P-150o	Remove Water Valves	EA
P-150p	Remove Existing Fire Hydrant	EA
P-150q	Remove Irrigation Valve	EA
P-150r	Remove Existing Storm Line (12", 18", 24", 36")	LF
P-150s	Remove Existing Storm Inlet	EA
P-150t	Remove Existing Storm Manhole	EA
P-150u	Remove Existing Sanitary Pipe	LF
P-150v	Remove Existing Sanitary Manhole	EA
P-150w	Remove Existing Sanitary Cleanout	EA
P-150x	Remove Existing Manhole	EA
P-150y	Remove City Utilities Transformer	EA
P-150z	Remove Existing Natural Gas Pipe	LF
P-150aa	Remove Existing Natural Gas Meter	EA
P-150bb	Remove Existing Natural Gas Valve	EA
P-150cc	Remove Existing Underdrain	LF
P-150dd	Remove Overhead Power Cable	LF
P-150ee	Remove Light Pole and Foundation (Complete)	EA
P-150ff	Remove City Utilities Junction Cabinet	EA
P-150gg	Remove Telephone Pedestal	EA
P-150hh	Remove Bollards	EA

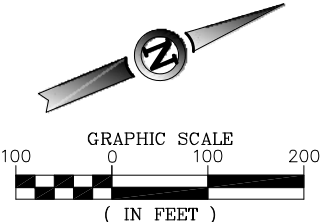
<u>ITEM</u>	<u>ITEM DESCRIPTION</u>	<u>UNIT</u>
P-150ii	Remove Lighted Bollard	EA
P-150jj	Remove Electrical Equipment Rack	EA
P-150kk	Remove Handhole	EA
P-150ll	Remove Junction Box	EA
P-150mm	Remove City Utilities Power Pole	EA
P-150nn	Remove Underground Tank	EA
P-150oo	Remove Trees	EA
P-150pp	Relocate Irrigation Control Box	EA
P-150qq	Adjust Existing Electrical Manhole	EA
P-150rr	Adjust Existing Manhole	EA
P-150ss	Adjust Electrical Handhole	EA
P-150tt	Adjust Existing Sanitary Cleanout	EA
P-150uu	Adjust Monitoring Well	EA
P-150vv	Adjust Miscellaneous Well	EA
P-150ww	Remove Concrete Islands	EA
<u>P-151</u>	<u>Clearing and Grubbing</u>	
P-151a	Clearing and Grubbing	LS
<u>P-203</u>	<u>Bituminous Drainable Layer</u>	
P-203a	Bituminous Drainable Layer (4-inch)	SY
P-203b	Bituminous Drainable Layer (6-inch)	SY
<u>P-312</u>	<u>Non-Woven Geotextile Fabrics</u>	
P-312a	Install Stabilization Fabric	SY
<u>P-501</u>	<u>Portland Cement Concrete Pavements</u>	
P-501a	Portland Cement Concrete Pavement (6-inch)	SY
P-501b	Portland Cement Concrete Pavement (11-inch)	SY
P-501c	Portland Cement Concrete Pavement (6-inch Reinforced)	SY
P-501d	Portland Cement Concrete Pavement (11-inch Reinforced)	SY
<u>P-609</u>	<u>Emulsified Pavement Sealer and Rejuvenator</u>	
P-609a	Seal Coat Existing Parking Lot	SY
<u>F-162</u>	<u>Chain-Link Fences</u>	
F-162a	Install 8-Foot Chain-Link Fence	LF
F-162b	Install Temporary Chain-Link Fence	LF
<u>F-165</u>	<u>Vertical Pivot Gates</u>	
F-165a	Install Vertical Pivot Gate (Complete)	EA
F-165b	Remove Existing Vertical Pivot Gate	EA
<u>D-705</u>	<u>Pipe Underdrains for Airports</u>	
D-705a	Install 6 Inch Perforated Underdrain	LF
D-705b	Install 6 Inch Non-Perforated Underdrain	LF
<u>D-751</u>	<u>Manholes, Catch Basins, Inlets and Inspection Holes</u>	
D-751a	Install Aircraft Rated Double Inlet Type I	EA
D-751b	Install Aircraft Rated 5' Manhole	EA
D-751c	Install Underdrain Inspection Pit	EA
D-751d	Install Underdrain Clean Out	EA
D-751e	Connect to Existing Storm Structure	EA
D-751f	Connect to Existing Sanitary Structure	EA

<u>ITEM</u>	<u>ITEM DESCRIPTION</u>	<u>UNIT</u>
<u>D-754</u>	<u>Concrete Gutters, Ditches, and Flumes</u>	
D-754a	Concrete Curb and Gutter (6" curb with 2' pan)	LF
<u>L-101</u>	<u>Airport Rotating Beacon</u>	
L-101a	Provide New Beacon	LS
<u>L-103</u>	<u>Airport Beacon Towers</u>	
L-103a	Remove Existing Beacon Tower, Including Foundation (Complete)	LS
L-103b	Install New Beacon Tower-Basket Pole with Existing Beacon	LS
L-103c	Drilled Pier (Complete)	LF
L-103d	Rock Excavation	LF
L-103e	Install New Beacon Tower - Lowering Winch System Pole	LS
<u>L-108</u>	<u>Underground Power Cables For Airports</u>	
L-108a	#8 AWG, Type L-824C 5,000 Volt Wire	LF
L-108b	#8 AWG, Type THWN 600 Volt Wire	LF
<u>L-139</u>	<u>Temporary Construction Marking and Lighting</u>	
L-139a	Temporary Construction Traffic Control (All Phases)	LS
<u>UTILITY</u>	<u>Underground Utilities</u>	
U-02510a	Install Water Line System Per City Utilities (Complete)	LS
U-02550a	Install Gas Line System Per City Utilities (Complete)	LS
U-02550b	Install Sanitary Line (Complete)	LF
U-02550c	Install Sanitary Line Service (Service shall include connection to main)	EA
U-02550d	Install Sanitary Manhole	EA
U-02550e	Adjust Existing Sanitary Manhole	EA
<u>Division 26</u>	<u>Electrical</u>	
Div-26a	#6 AWG 600V Insulated Conductor	LF
Div-26b	#8 AWG 600V Insulated Conductor	LF
Div-26c	#10 AWG 600V Insulated Conductor	LF
Div-26d	3/0 AWG 600V Insulated Conductor	LF
Div-26e	Install Handhole	EA
Div-26f	Junction Box	EA
Div-26g	Install City Utilities Provided Junction Cabinet	EA
Div-26h	Install City Utilities Provided Single-Phase Transformer	EA
Div-26i	Install City Utilities Provided 3-Phase Transformer	EA
Div-26j	Install Roadway Lighting Power Frame	EA
Div-26k	Electrical for Vertical Pivot Gate	EA
Div-26l	Type "A" Luminaire	EA
Div-26m	Type "B" Luminaire	EA
Div-26n	Type "C" Luminaire	EA
Div-26o	Type "D" Luminaire	EA
Div-26p	Type "E" Luminaire	EA
Div-26q	12 Strand Multi Mode Fiber Optic Cable	LF
Div-26r	36 Strand Combo Fiber Optic Cable	LF
Div-26s	Aircraft Rated Handhole	EA



CONSTRUCTION PHASING NOTES: PHASE 2 - 20 CALENDAR DAYS (TOTAL 125 DAYS)	
MAJOR WORK TO BE COMPLETED	AIRPORT OPERATIONAL NOTES
<div>1. PHASE 2 - WEST KEARNEY PARKING LOT</div> <div><div>PAINT OBLITERATION</div><div>CLEAN SURFACE</div><div>FOG SEAL</div><div>STRIPING</div></div> <div><div>• PHASE 2a - 4 CALENDAR DAYS</div><div>• PHASE 2b - 4 CALENDAR DAYS</div><div>• PHASE 2c - 4 CALENDAR DAYS</div><div>• PHASE 2d - 4 CALENDAR DAYS</div><div>• PHASE 2e - 4 CALENDAR DAYS</div></div>	<div>CONSTRUCTION MARKERS AND PERIMETER SECURITY SHALL BE INSTALLED PER PHASING PLANS AND AS REQUIRED BY AC 150/5370-2F OR AS DIRECTED BY THE ENGINEER.</div> <div>ROAD CLOSURE NOTES:<div><div>- NO ROADS WILL BE CLOSED DURING THIS PHASE.</div><div>- PARKING LOT AREAS CLOSED.</div></div></div> <div>THE CLOSURES WILL HAVE TO BE COORDINATED WITH THE SPONSOR, ENGINEER, AIRPORT OPERATIONS AND THE CITY OF SPRINGFIELD.</div>
OTHER NOTES	
<div>1. PHASES 2a, 2b, 2c, 2d AND 2e MUST BE COMPLETED SEPARATELY OF EACH OTHER. PHASES 2a, 2b, 2c, 2d AND 2e CAN BE COMPLETED CONCURRENTLY WITH ALL OTHER PHASES.</div> <div>2. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO THE EXISTING ROADWAYS BY CONSTRUCTION TRAFFIC AND WILL MAINTAIN THEM AT NO COST TO THE SPONSOR, INCLUDING STATE AND LOCAL ROADWAYS.</div> <div>3. VACUUM AND SWEEPER TRUCKS SHALL BE AVAILABLE AT ALL TIMES TO CLEAN ALL CONSTRUCTION DEBRIS INCLUDING DEBRIS FROM HAUL ROUTE OR AREAS ADJACENT TO CONSTRUCTION.</div> <div>4. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO EXISTING AIRCRAFT PAVEMENT OR AREAS ADJACENT TO CONSTRUCTION.</div> <div>5. WHEN TOWER IS OPEN MONITOR 121.9 MHZ.</div> <div>6. STOCKPILES SHALL BE LESS THAN 20 FEET ABOVE EXISTING GROUND.</div> <div>7. CONTRACTOR SHALL MAINTAIN AIRPORT SECURITY AT ALL TIMES.</div>	<div>8. IF ANY VEHICLE OR PEDESTRIAN INCURSION AND/OR SURFACE INCIDENTS OCCUR BY THE CONTRACTOR, THE EMPLOYEE WILL BE REMOVED FROM THE WORK SITE IMMEDIATELY AND SUBJECT TO AIRPORT PROVISIONS.</div> <div>9. PARKING SPACES REMAINING DURING PHASES:<div><div>• DURING PHASE 2a - 805 SPACES REMAINING</div><div>• DURING PHASE 2b - 869 SPACES REMAINING</div><div>• DURING PHASE 2c - 810 SPACES REMAINING</div><div>• DURING PHASE 2d - 796 SPACES REMAINING</div><div>• DURING PHASE 2e - 828 SPACES REMAINING</div></div></div> <div>10. CONTRACTOR TO PROVIDE PHASED TRAFFIC DELINEATION TO ENSURE CARS DO NOT PARK IN CURRENT PHASE.</div> <div>11. AIRPORT TO RELOCATE PARKED CARS THAT ARE LEFT OVERNIGHT.</div> <div>12. THIRTY (30) DAYS NOTICE SHALL BE GIVEN TO THE AIRPORT PRIOR TO THE START OF PHASE 2.</div> <div>13. CONTRACTOR TO PROVIDE NOTICE TO THE PARKING LOT PUBLIC TWO WEEKS IN ADVANCE OF ANTICIPATED CONSTRUCTION. ANY VEHICLES LEFT IN THE VICINITY OF THE CONSTRUCTION PHASE SHALL BE RELOCATED AT THE CONTRACTORS EXPENSE.</div>

PHASING LEGEND			
<div></div>	PHASE 1 CONSTRUCTION	<div></div>	CONTRACTOR STAGING AREA
<div></div>	PHASE 2 CONSTRUCTION	<div></div>	CONTRACTOR HAUL ROUTE/ CONSTRUCTION ACCESS ROUTE
<div></div>	PHASE 3 CONSTRUCTION	<div></div>	TRAFFIC ACCESS ROUTE
<div></div>	PHASE 4 CONSTRUCTION	<div></div>	LOW PROFILE BARRICADES (SEE SHEET C603)
<div></div>	PHASE 5 CONSTRUCTION	<div></div>	ROAD BARRICADES (SEE SHEET C603)
<div></div>	PHASE 6 CONSTRUCTION	<div></div>	FLAGGER
<div></div>	PHASE 7 CONSTRUCTION	<div></div>	



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	12/09/13
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF JVIATION, INC.		

DES: D.W.C.

DR: B.A.V.

CH: C.L.G.

APP: M.J.L.

NO.

1

M.J.L.

12/09/13

ISSUED FOR BID

BY

M.J.L.

01/17/14

ADDENDUM NO. 2

DATE

DESCRIPTION

W. KEARNEY TERMINAL
PARKING LOT AND GA
REDEVELOPMENT

CONSTRUCTION SAFETY DRAWING
PHASE 2

JVIATION PROJ. NO.
AIR 126-092A1

DATE:
12/09/13

SHEET NAME
G014

SHEET NO.
14 of 125

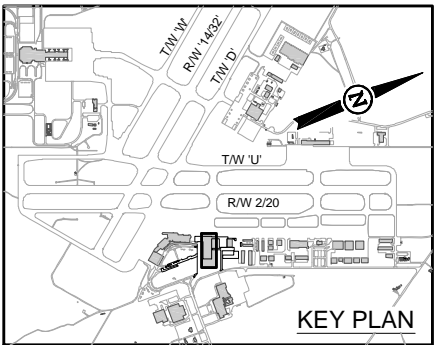
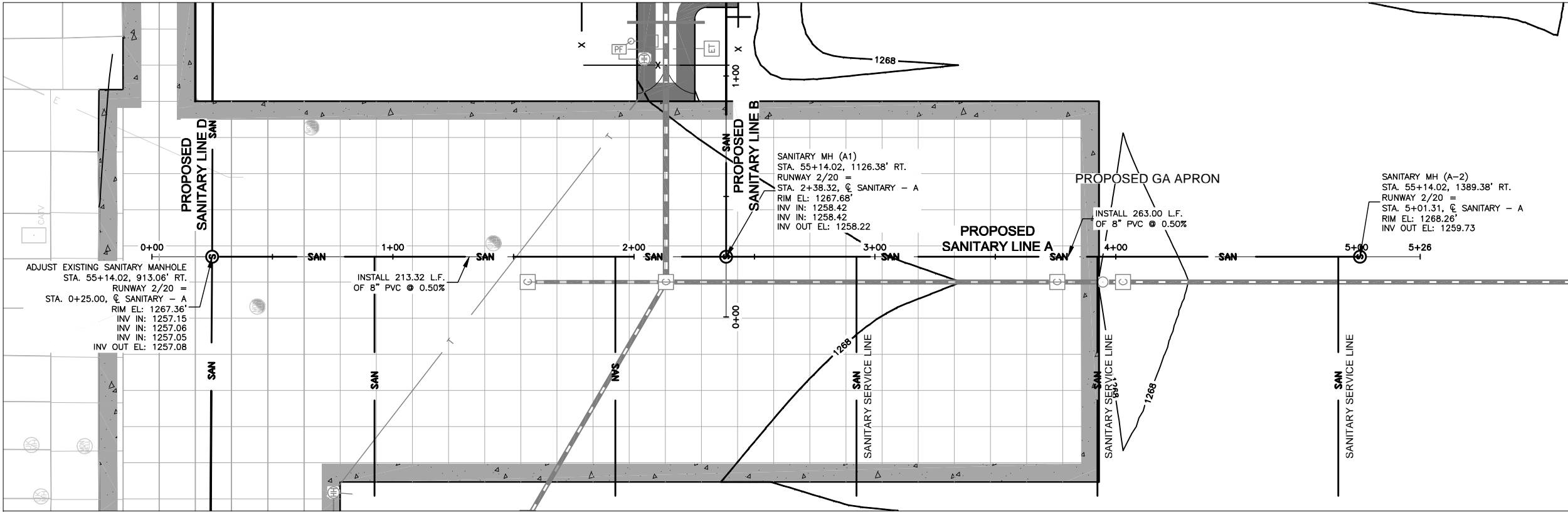
JVIATION®

Springfield-Branson
NATIONAL AIRPORT

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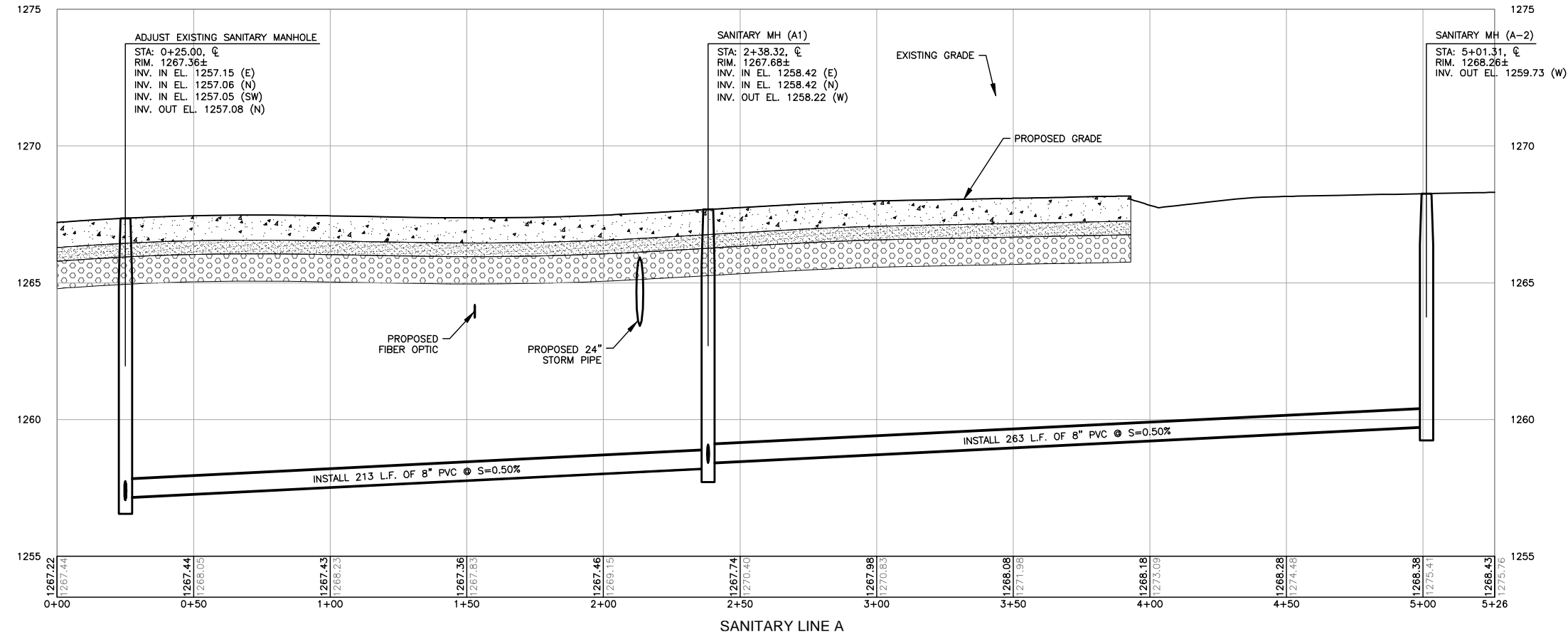
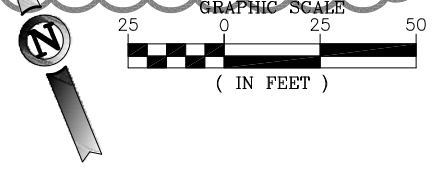
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12/09/13



PROFILE LEGEND	
	EXISTING INDEX CONTOUR
	EXISTING INTERMEDIATE CONTOUR
	PROPOSED INDEX CONTOUR
	PROPOSED INTERMEDIATE CONTOUR
	PROPOSED SANITARY MANHOLE
	PROPOSED SANITARY LINE
	PROFILE ELEVATIONS

- NOTES**
- REFER TO SHEETS C501 THRU C506 FOR SPOT ELEVATIONS. REFER TO SHEETS C600 THRU C603 FOR TYPICAL SECTIONS.
 - PROFILE SCALES ARE:
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'
 - THE DEPTH OF EXISTING UTILITIES WAS DETERMINED ASSUMING A BURIAL DEPTH OF 2'-0". ACTUAL DEPTHS MAY VARY AND SHOULD BE FIELD VERIFIED.
 - IN THE EVENT OF ANY CONFLICT WITHIN THESE PLANS, THE INFORMATION IN THE PROFILES SHALL GOVERN OVER THE SPOT ELEVATIONS.
 - CONTRACTOR TO VERIFY EXISTING TIE IN POINTS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
 - STATION AND OFFSETS FOR SANITARY STRUCTURES ARE TO THE CENTER OF THE STRUCTURE.
 - SANITARY SEWER SHALL BE INSTALLED PER THE REQUIREMENTS OF THE CITY OF SPRINGFIELD AND PAID AS OUTLINED PER THE ASSOCIATED BID ITEM. BACKFILL FOR SANITARY SEWER AND SERVICES SHALL MEET REQUIREMENTS OF MO-152.



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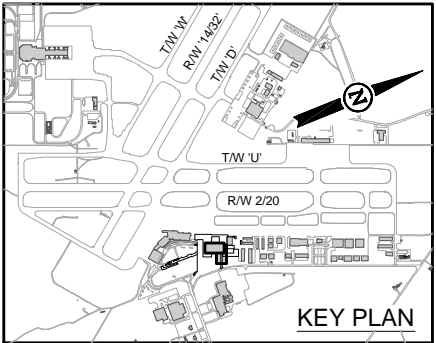
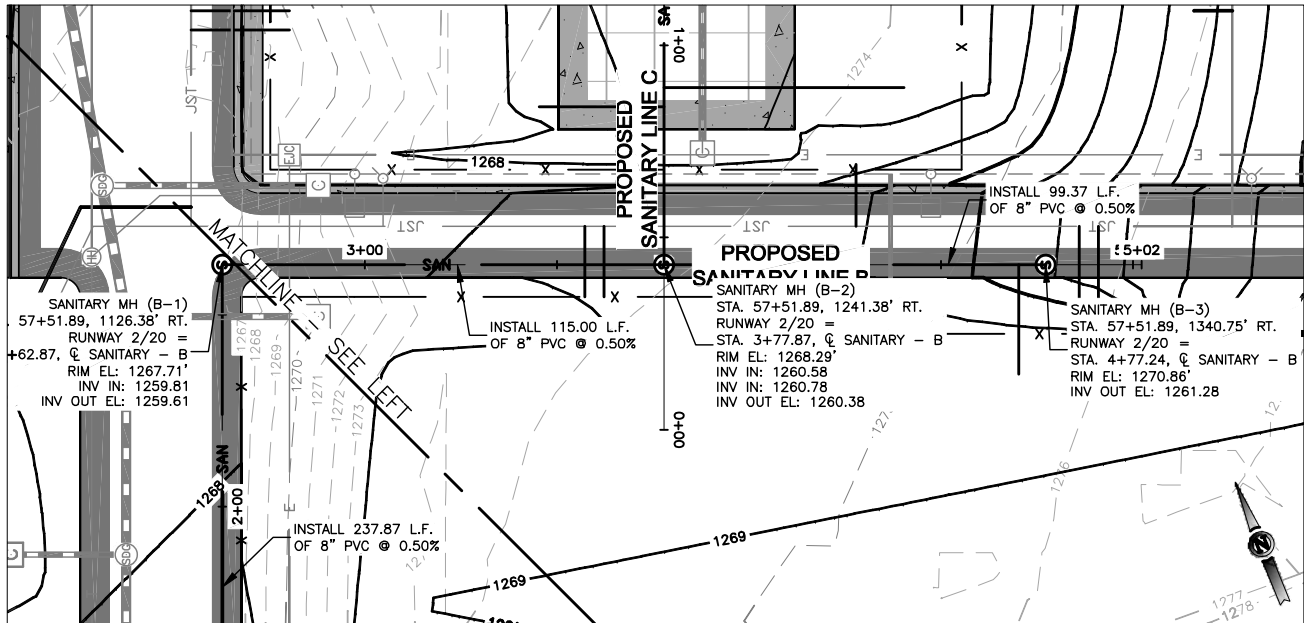
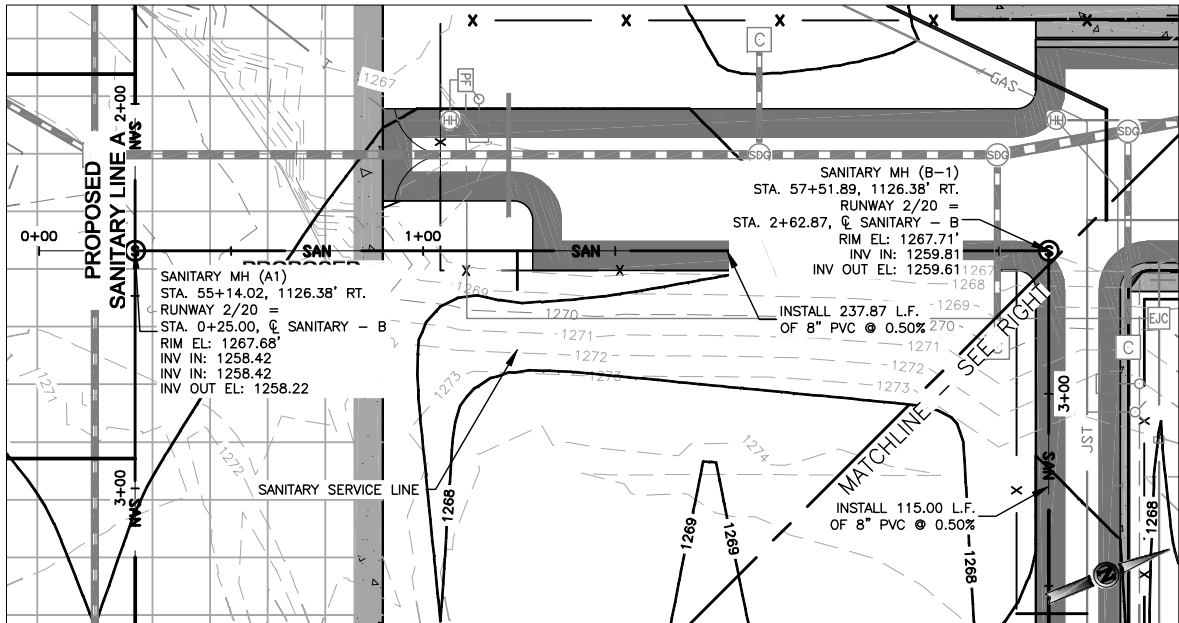
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Jan 17 2014 10:21 am
JVIATION



DES: D.W.C.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
DR: B.A.V.	1	M.J.L.	12/09/13	ISSUED FOR BID
CH: C.L.G.	2	M.J.L.	01/17/14	ADDENDUM NO. 2
APP: M.J.L.				

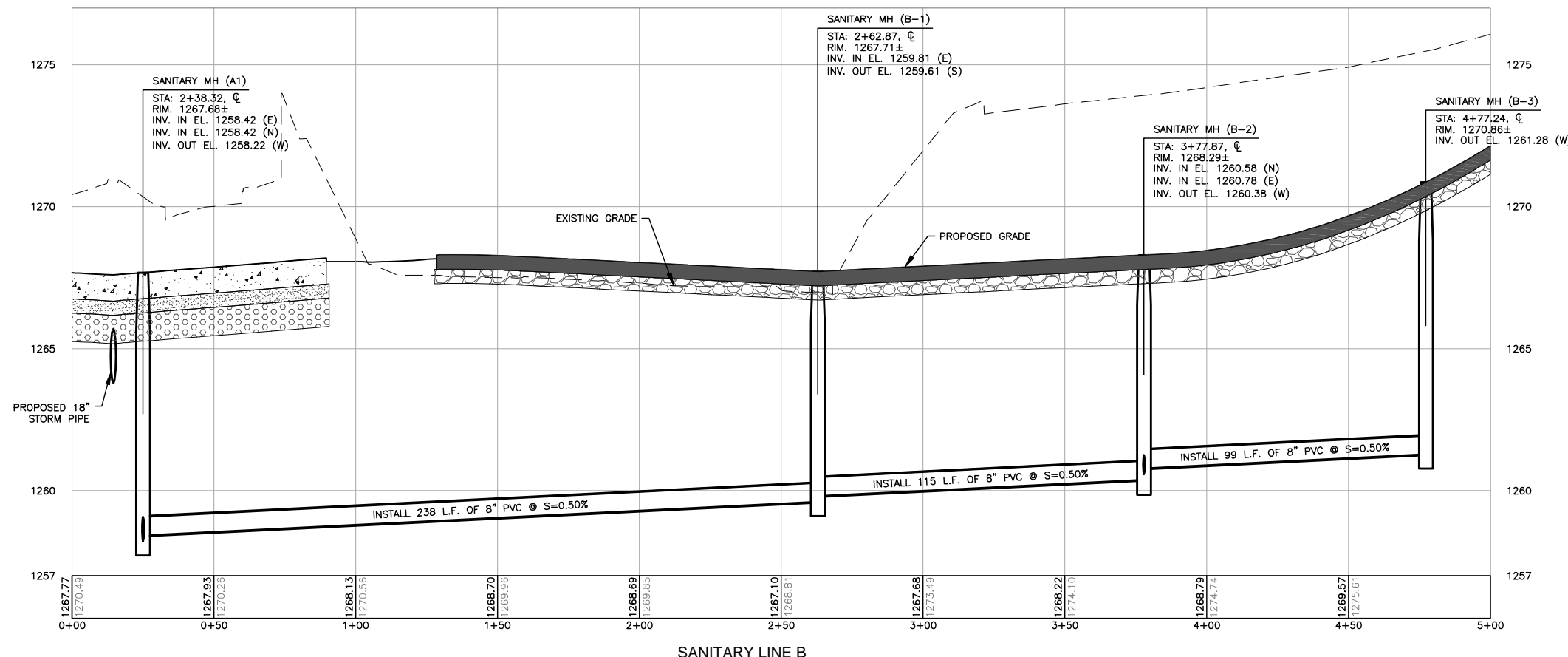
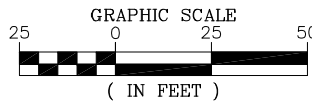
W. KEARNEY TERMINAL
PARKING LOT AND GA
REDEVELOPMENT

PLAN AND PROFILE SANITARY LINE A		SHEET NAME C460
JVIATION PROJ. NO. AIR 126-092A1	DATE: 12/09/13	
		SHEET NO. 58 of 125



PROFILE LEGEND	
	EXISTING INDEX CONTOUR
	EXISTING INTERMEDIATE CONTOUR
	PROPOSED INDEX CONTOUR
	PROPOSED INTERMEDIATE CONTOUR
	PROPOSED SANITARY MANHOLE
	PROPOSED SANITARY LINE
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APP: M.J.L.				

W. KEARNEY TERMINAL
PARKING LOT AND GA
REDEVELOPMENT

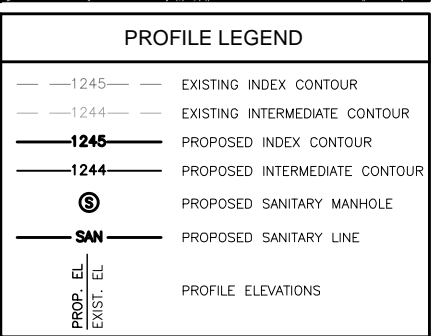
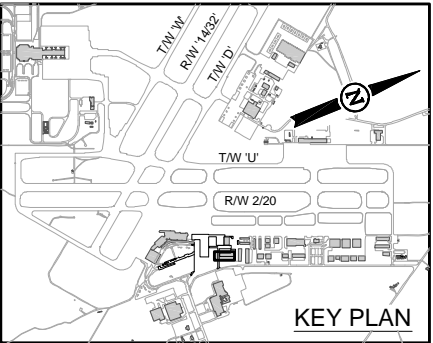
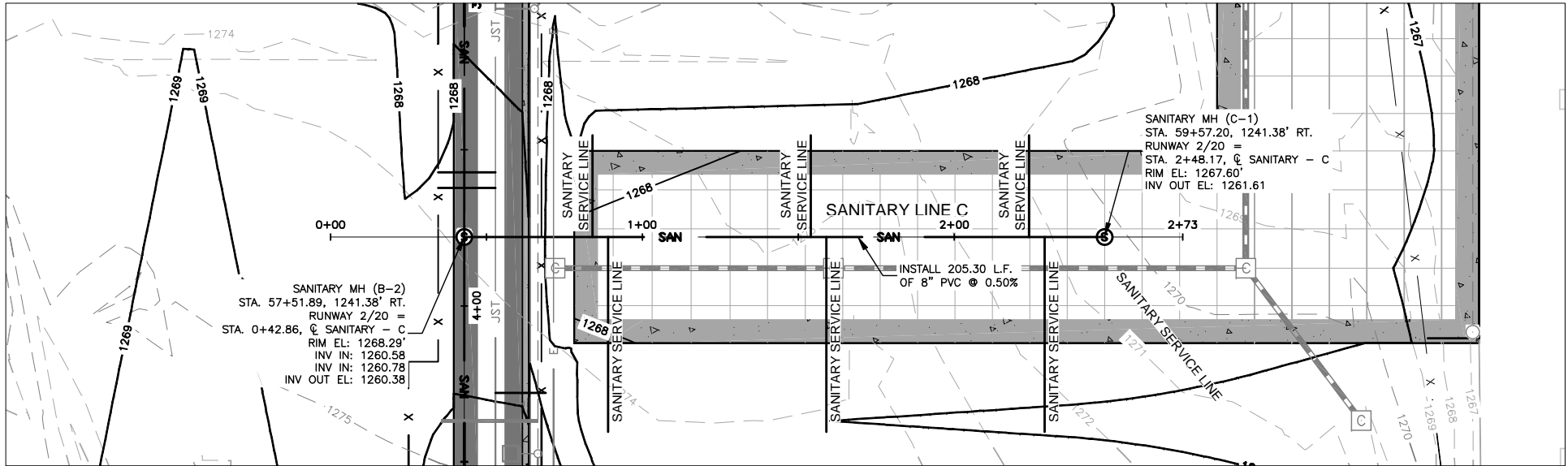
PLAN AND PROFILE
SANITARY LINE B

JVIATION PROJ. NO.
AIR 126-092A1

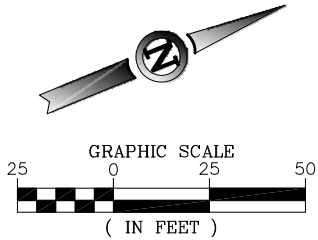
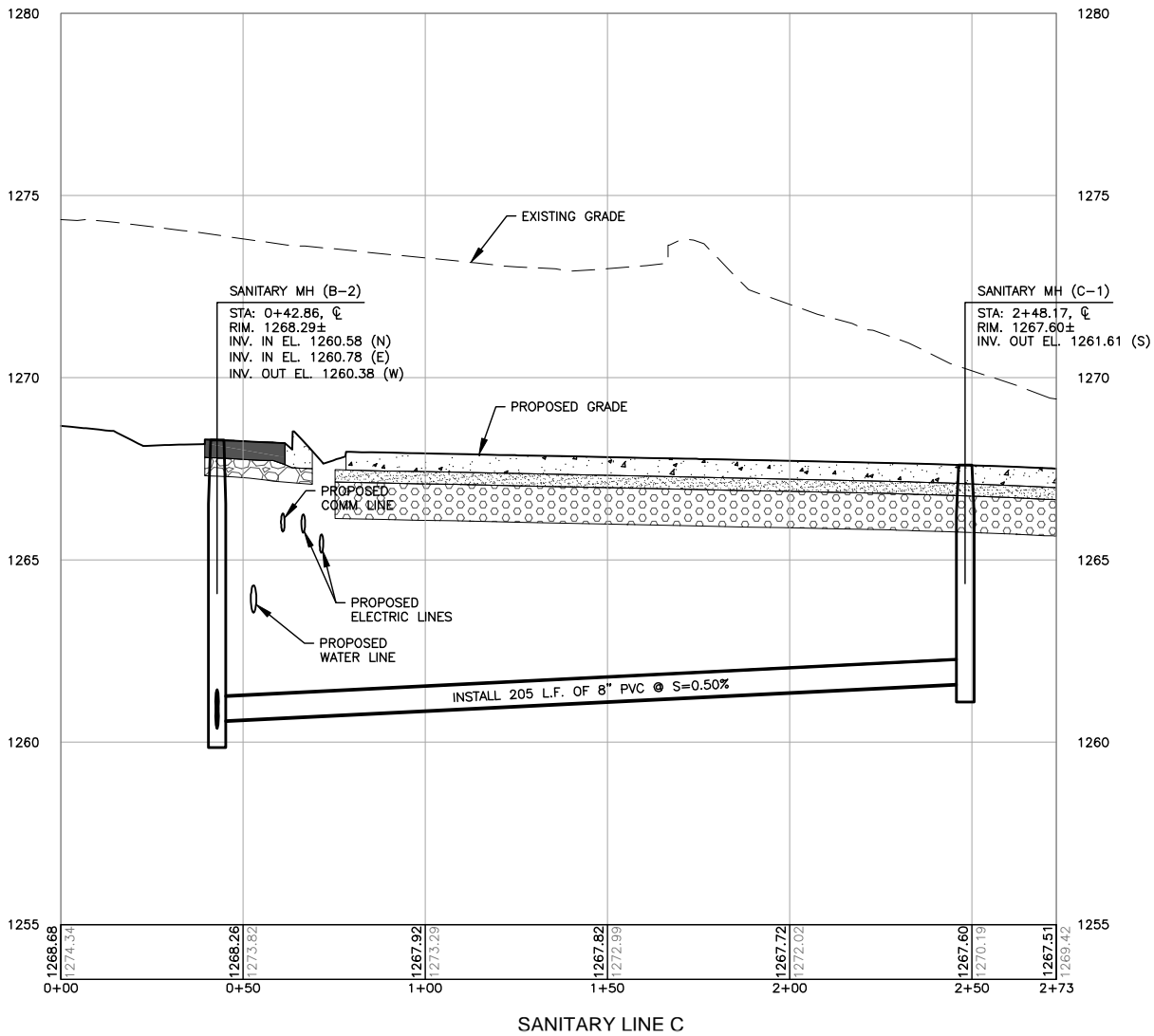
DATE:
12/09/13

SHEET NAME
C461

SHEET NO.
59 of 125



- NOTES**
- REFER TO SHEETS C501 THRU C506 FOR SPOT ELEVATIONS. REFER TO SHEETS C600 THRU C603 FOR TYPICAL SECTIONS.
 - PROFILE SCALES ARE:
HORIZONTAL: 1" = 50'
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 - STATION AND OFFSETS FOR SANITARY STRUCTURES ARE TO THE CENTER OF THE STRUCTURE.
 - SANITARY SEWER SHALL BE INSTALLED PER THE REQUIREMENTS OF THE CITY OF SPRINGFIELD AND PAID AS OUTLINED PER THE ASSOCIATED BID ITEM. BACKFILL FOR SANITARY SEWER AND SERVICES SHALL MEET REQUIREMENTS OF MO-152.



**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 12/09/13
NAME REG. NO. DATE
FOR AND ON BEHALF OF JVIATION, INC.

045-SOF-CA-0462-SAN-17
Jan 17 2014 10:23am
JVIATION



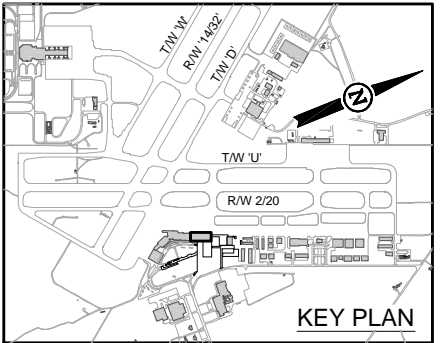
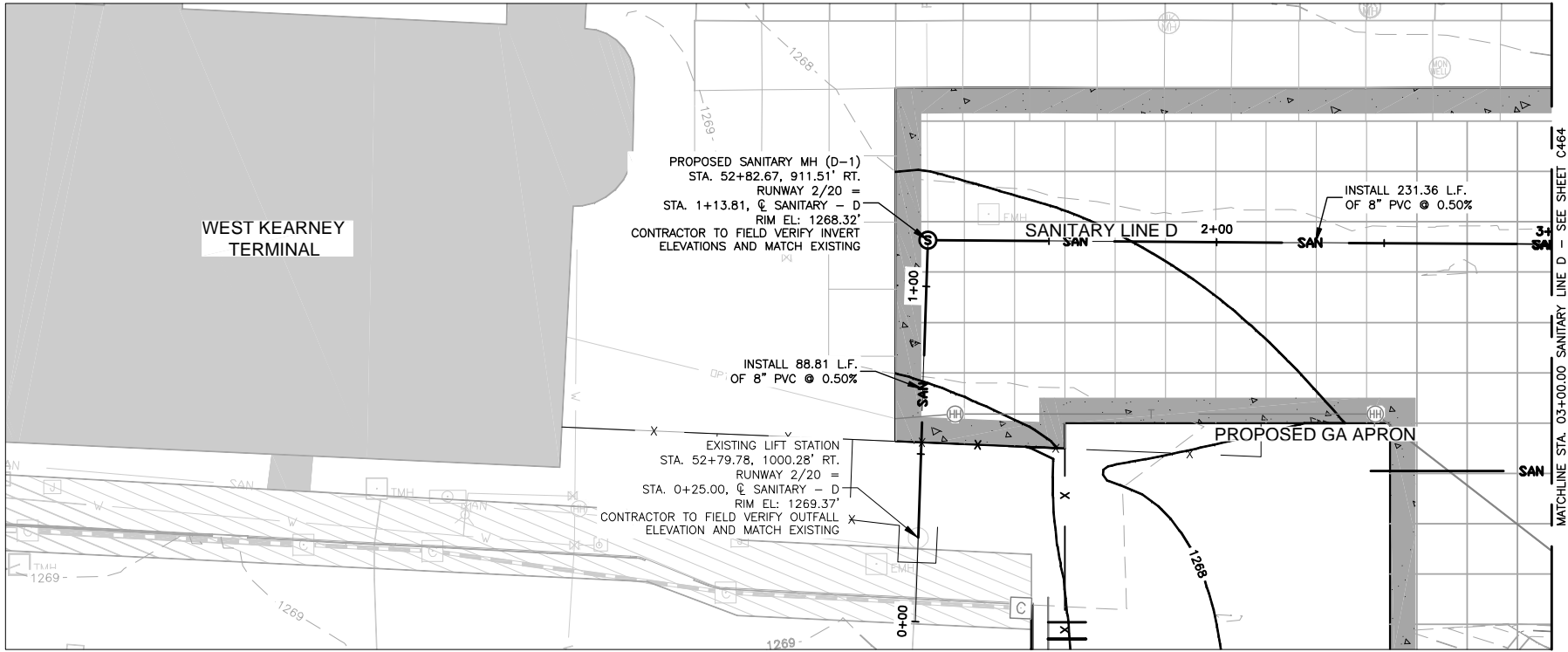
DES: D.W.C.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
DR: B.A.V.	1	M.J.L.	12/09/13	ISSUED FOR BID
CH: C.L.G.	2	M.J.L.	01/17/14	ADDENDUM NO. 2
APP: M.J.L.				

W. KEARNEY TERMINAL
PARKING LOT AND GA
REDEVELOPMENT

PLAN AND PROFILE
SANITARY LINE C

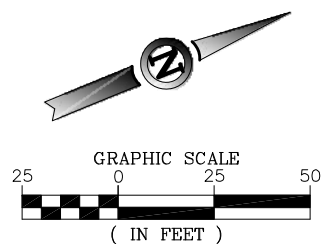
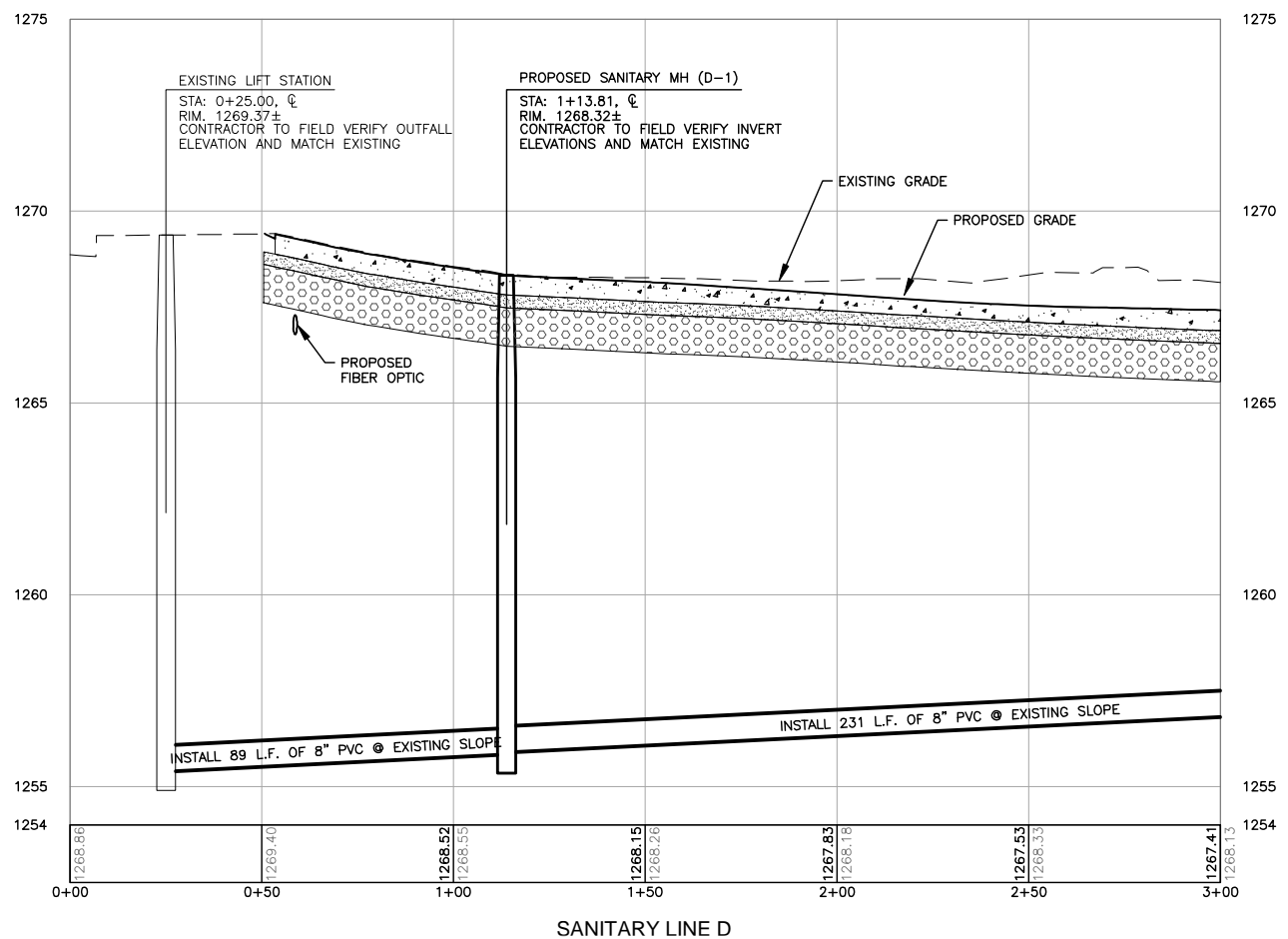
JVIATION PROJ. NO.
AIR 126-092A1
DATE:
12/09/13

SHEET NAME
C462
SHEET NO.
60 of 125



PROFILE LEGEND	
— 1245 —	EXISTING INDEX CONTOUR
— 1244 —	EXISTING INTERMEDIATE CONTOUR
— 1245 —	PROPOSED INDEX CONTOUR
— 1244 —	PROPOSED INTERMEDIATE CONTOUR
Ⓢ	PROPOSED SANITARY MANHOLE
— SAN —	PROPOSED SANITARY LINE
PROP. EL. EXIST. EL.	PROFILE ELEVATIONS

- NOTES**
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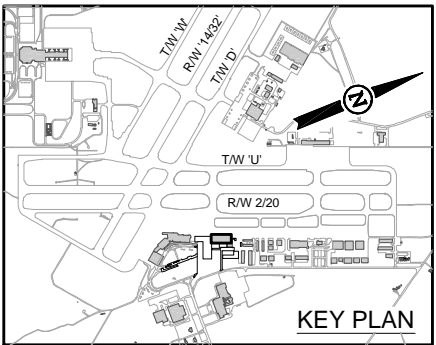
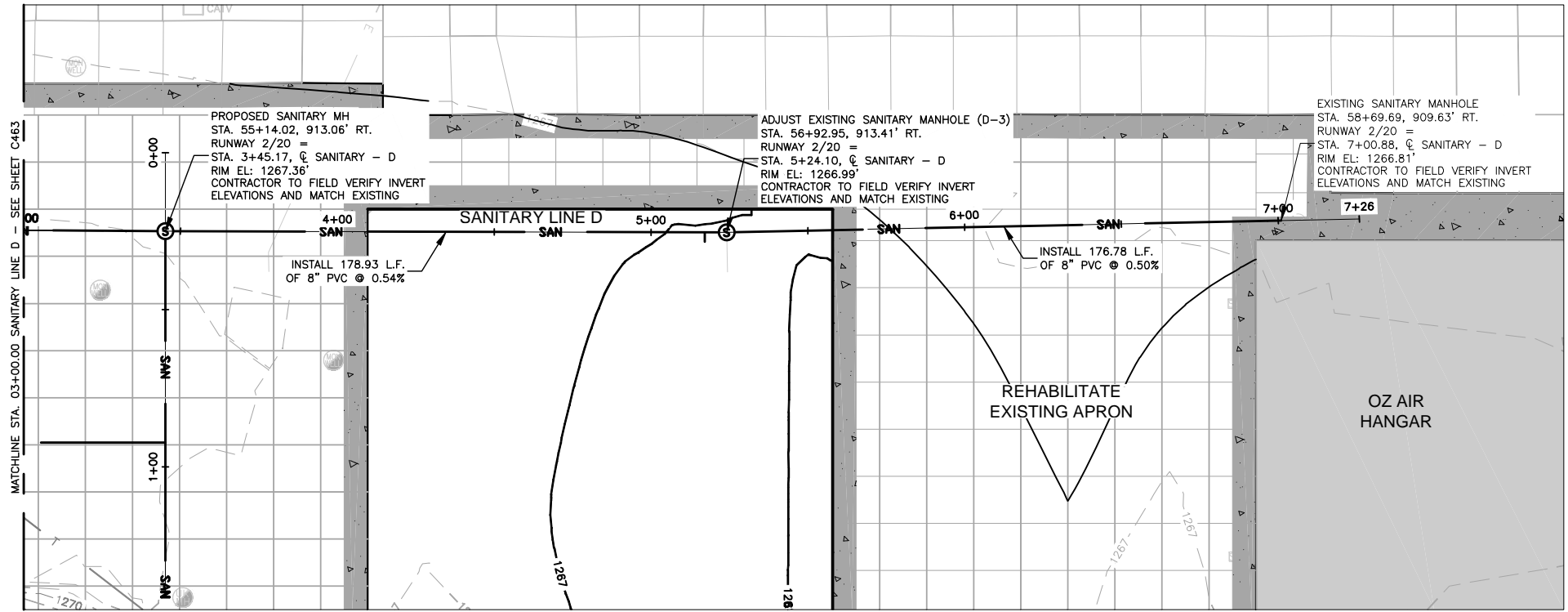


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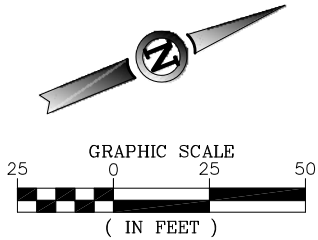
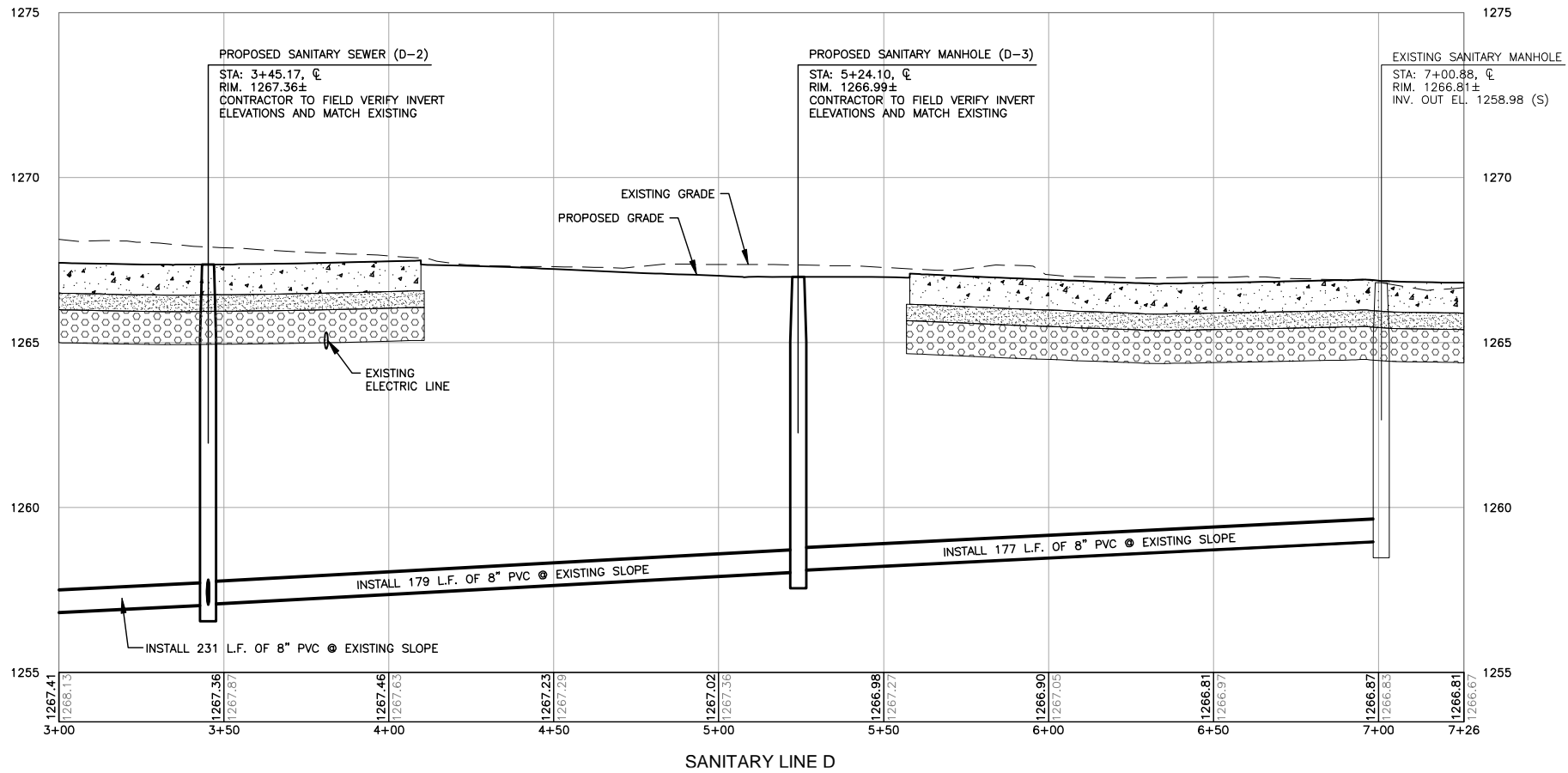
MARK J. LOVATO	PE-2009002094	12/09/13
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF JVIATION, INC.		

		DES: D.W.C.	ISSUE RECORD				W. KEARNEY TERMINAL PARKING LOT AND GA REDEVELOPMENT	PLAN AND PROFILE SANITARY LINE D	JVIATION PROJ. NO. AIR 126-092A1	DATE: 12/09/13	SHEET NAME C463
		DR: B.A.V.	NO.	BY	DATE	DESCRIPTION					
		CH: C.L.G.	1	M.J.L.	12/09/13	ISSUED FOR BID					
		APP: M.J.L.			01/17/14	ADDENDUM NO. 2					



PROFILE LEGEND	
	EXISTING INDEX CONTOUR
	EXISTING INTERMEDIATE CONTOUR
	PROPOSED INDEX CONTOUR
	PROPOSED INTERMEDIATE CONTOUR
	PROPOSED SANITARY MANHOLE
	PROPOSED SANITARY LINE
	PROFILE ELEVATIONS

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MARK J. LOVATO	PE-2009002094	12/09/13
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF JVIATION, INC.		

JVIATION®



DES: D.W.C.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
DR: B.A.V.	1	M.J.L.	12/09/13	ISSUED FOR BID
CH: C.L.G.	2	M.J.L.	01/17/14	ADDENDUM NO. 2
APP: M.J.L.				

W. KEARNEY TERMINAL
PARKING LOT AND GA
REDEVELOPMENT

PLAN AND PROFILE
SANITARY LINE D

JVIATION PROJ. NO.
AIR 126-092A1

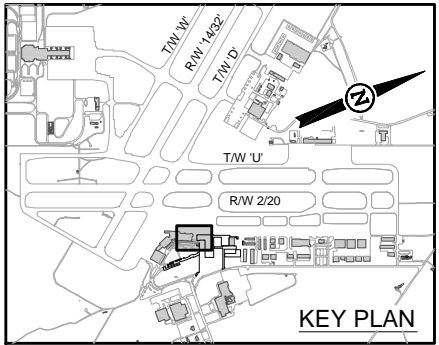
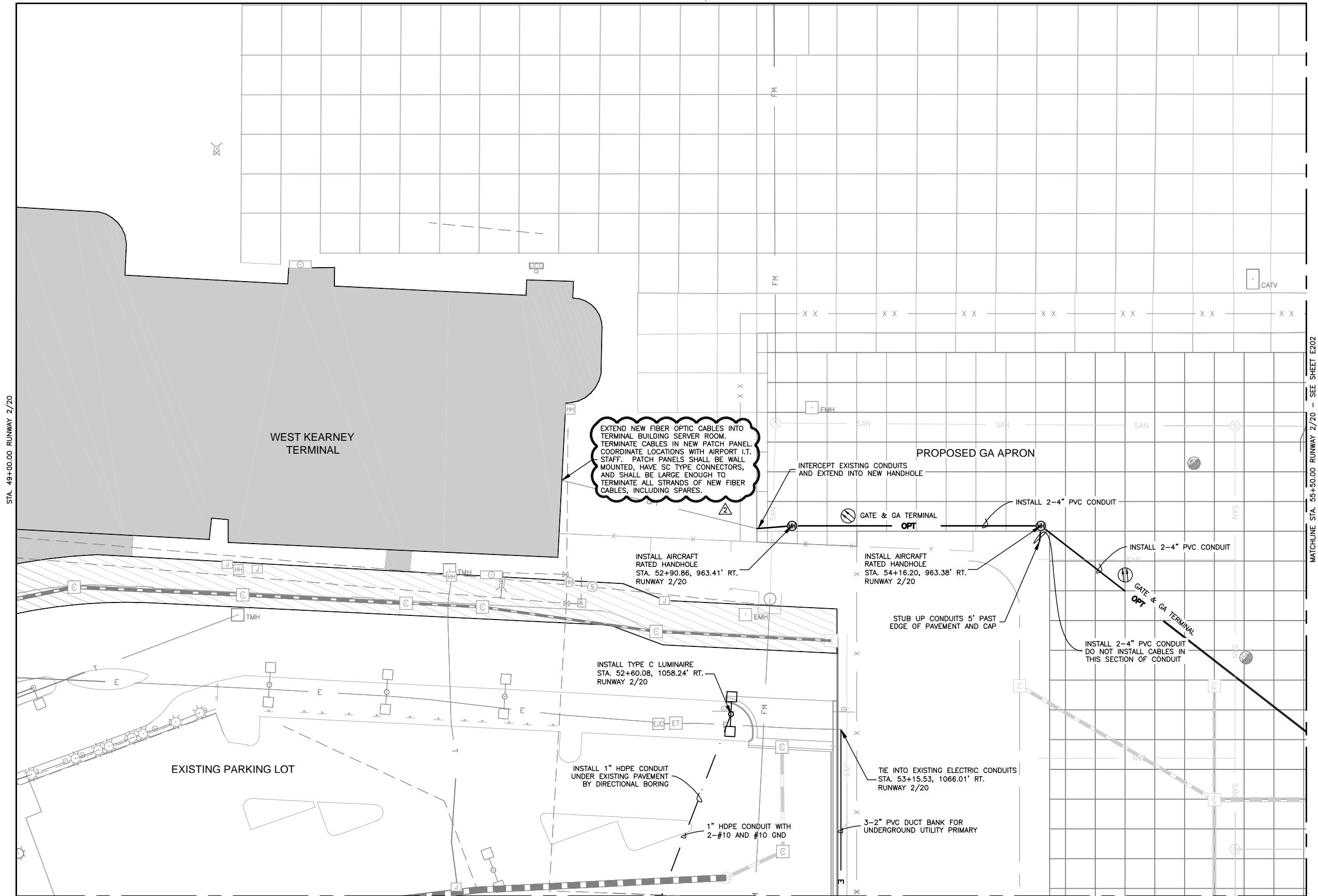
DATE:
12/09/13

SHEET NAME
C464

SHEET NO.
62 of 125

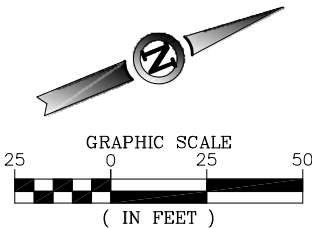
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Jan 17 2014 10:24am
JVIATION

OFFSET 700' RT. RUNWAY 2/20



ELECTRICAL LEGEND

- EXISTING ELECTRICAL DUCT (DEB)
- EXISTING ELECTRICAL DUCT (CE)
- EXISTING ELECTRICAL LINE
- EXISTING TELEPHONE LINE
- EXISTING ELECTRICAL MANHOLE
- EXISTING ELECTRICAL TRANSFORMER
- EXISTING ELECTRICAL VAULT
- EXISTING PARKING LIGHTS (DUAL)
- EXISTING PARKING LIGHTS (SINGLE)
- EXISTING POWER POLE
- EXISTING LIGHT POLE (SHORT)
- EXISTING TELEPHONE MANHOLE
- EXISTING TELEPHONE JUNCTION BOX
- EXISTING TELEPHONE PEDESTAL
- EXISTING CATV RISER



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

JVIATION®



DES: J.A.W.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
DR: B.A.V.	1	M.J.L.	12/09/13	ISSUED FOR BID
	2	M.J.L.	01/17/14	ADDENDUM #2
CH: C.L.G.				
APP: J.A.W.				

W. KEARNEY TERMINAL
PARKING LOT AND GA
REDEVELOPMENT

ELECTRICAL LAYOUT PLAN
STA. 49+00.00 TO 55+50.00 RUNWAY 2/20
OFFSET 700' RT. TO 1,150' RT. RUNWAY 2/20

JVIATION PROJ. NO.
AIR 126-092A1

DATE:
12/09/13

SHEET NAME
E201
SHEET NO.
111 of 125

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Jan 17, 2014 - 2:06pm
JVIATION

JVIATION



DES: J.A.W.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
DR: B.A.V.	1	M.J.L.	12/09/13	ISSUED FOR BID
	2	M.J.L.	01/17/14	ADDENDUM #2
CH: C.L.G.				
APP: J.A.W.				

W. KEARNEY TERMINAL
PARKING LOT AND GA
REDEVELOPMENT

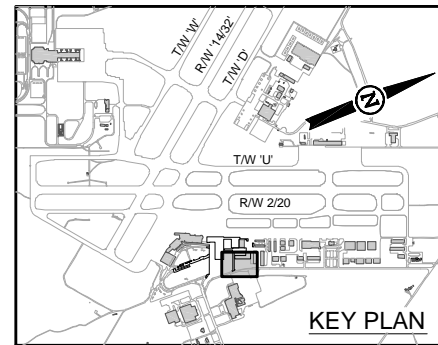
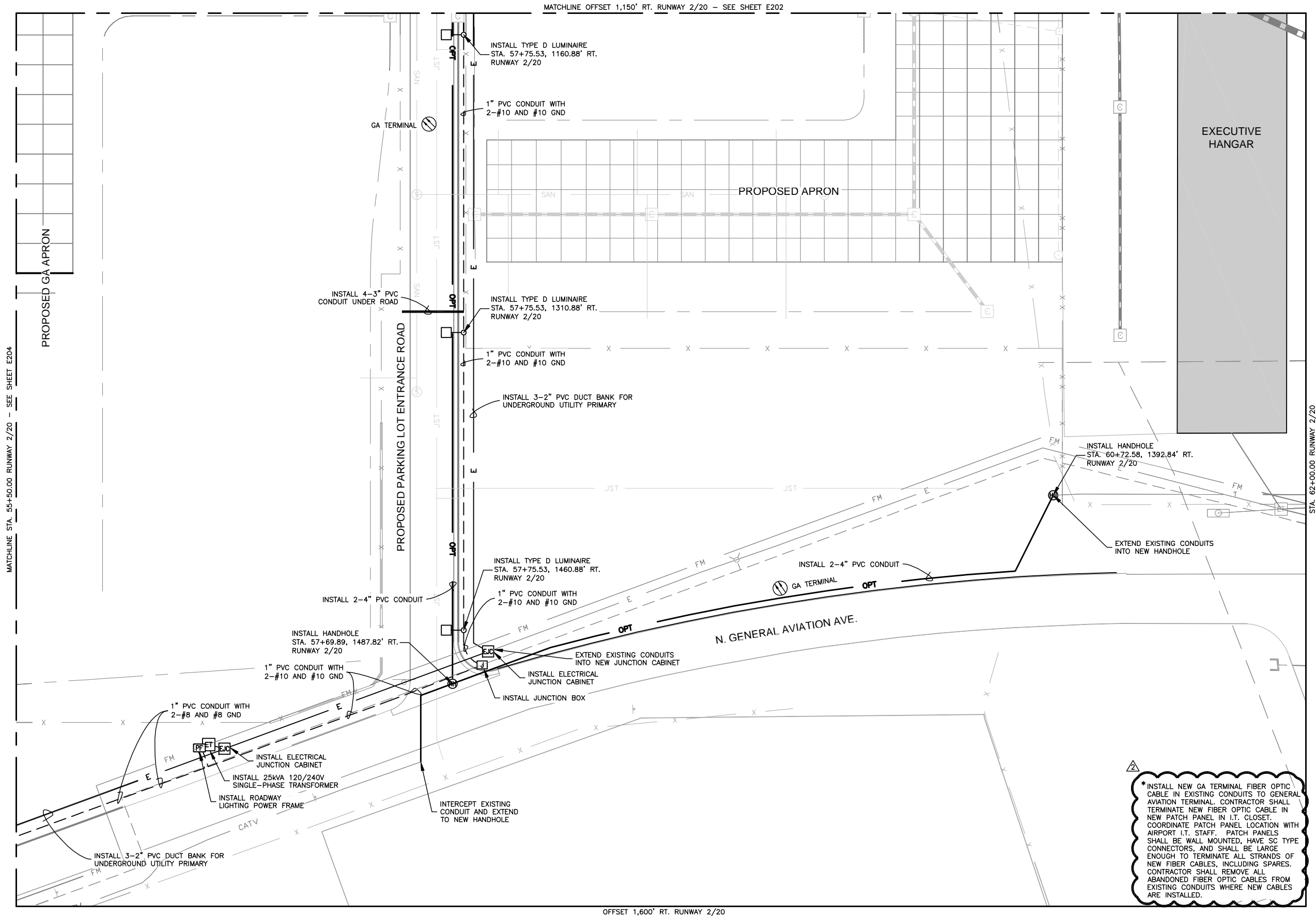
ELECTRICAL LAYOUT PLAN
STA. 55+50.00 TO 62+00.00 RUNWAY 2/20
OFFSET 1,150' RT. TO 1,600' RT. RUNWAY 2/20

JVIATION PROJ. NO.
AIR 126-092A1

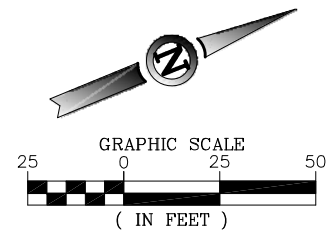
DATE:
12/09/13

SHEET NAME
E205

SHEET NO.
115 of 125



ELECTRICAL LEGEND	
---	EXISTING ELECTRICAL DUCT (DEB)
---	EXISTING ELECTRICAL DUCT (CE)
---	EXISTING ELECTRICAL LINE
T	EXISTING TELEPHONE LINE
EMH	EXISTING ELECTRICAL MANHOLE
ET	EXISTING ELECTRICAL TRANSFORMER
EV	EXISTING ELECTRICAL VAULT
DL	EXISTING PARKING LIGHTS (DUAL)
SL	EXISTING PARKING LIGHTS (SINGLE)
PP	EXISTING POWER POLE
LP	EXISTING LIGHT POLE (SHORT)
TMH	EXISTING TELEPHONE MANHOLE
TJ	EXISTING TELEPHONE JUNCTION BOX
TP	EXISTING TELEPHONE PEDESTAL
CATV	EXISTING CATV RISER

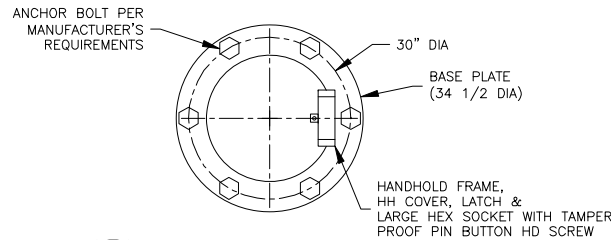
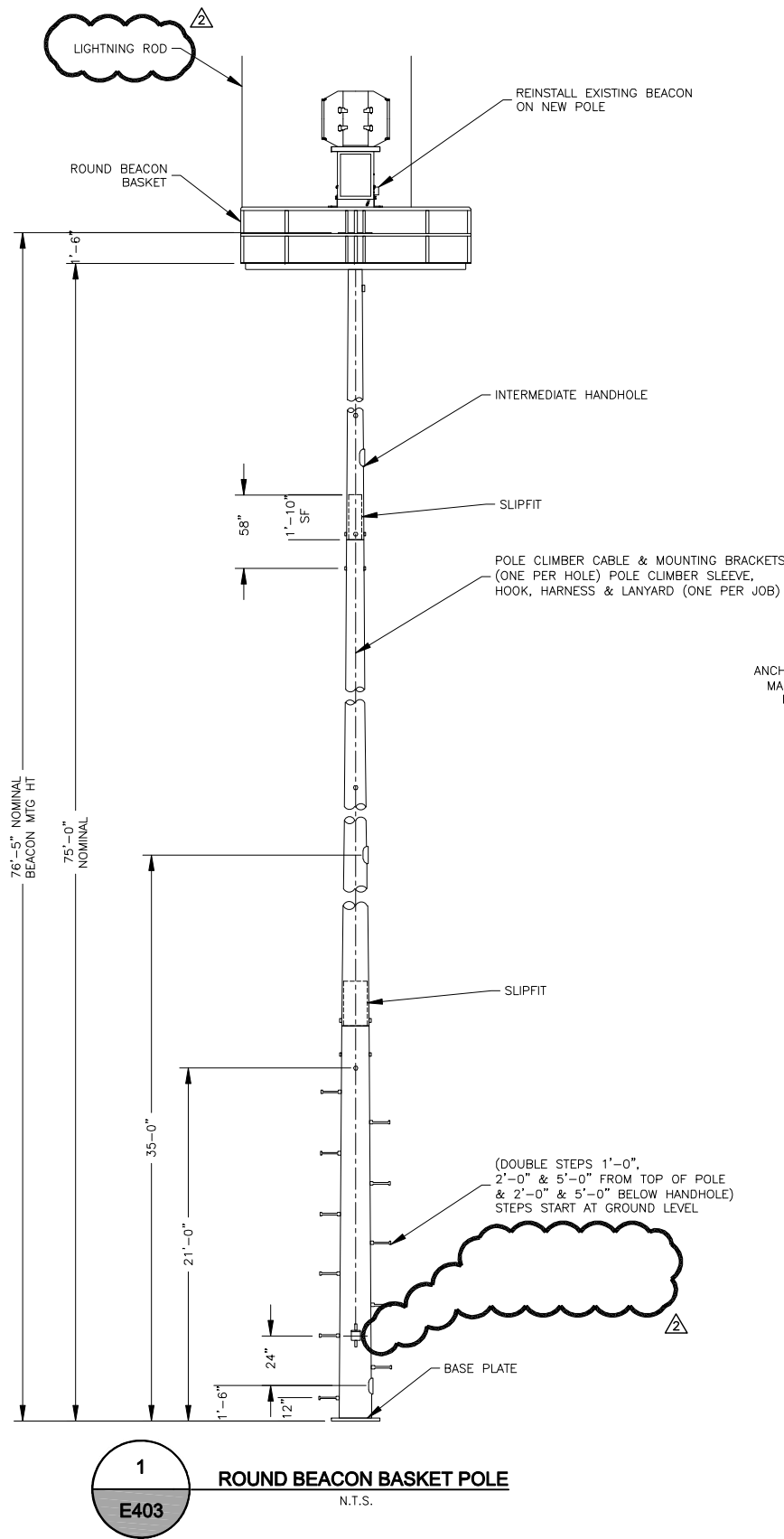


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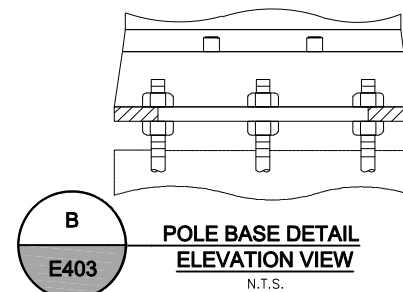
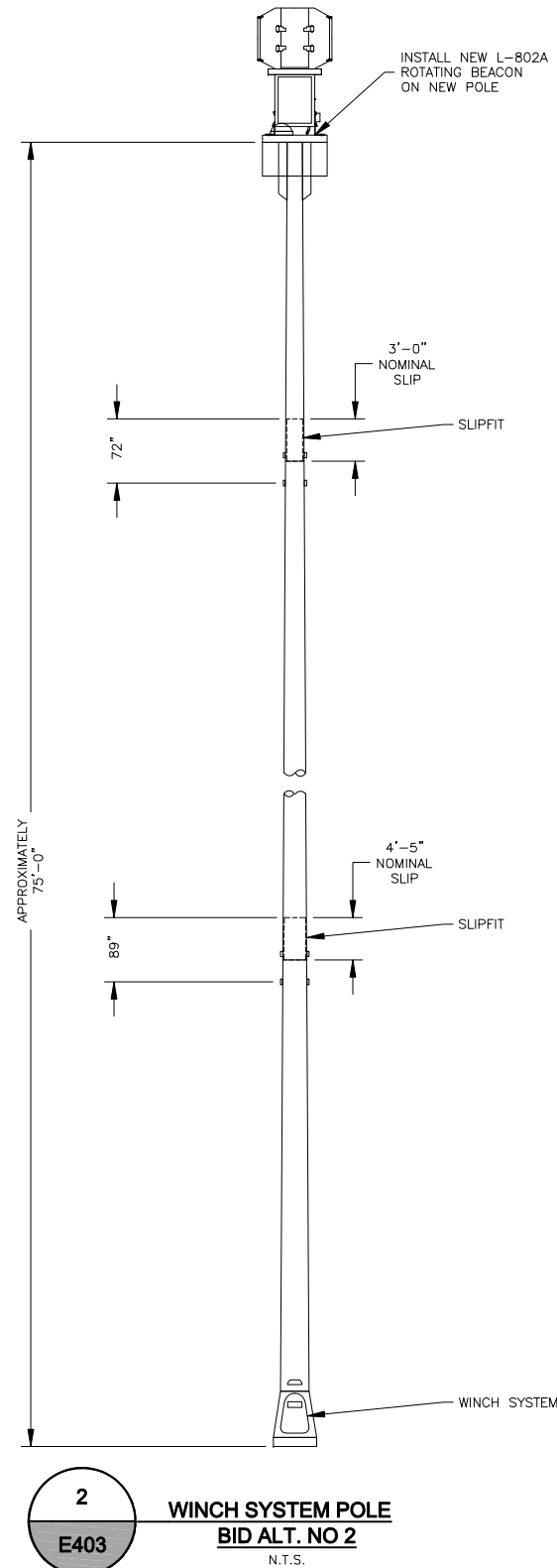
NAME REG. NO. DATE
FOR AND ON BEHALF OF JVIATION, INC.

*INSTALL NEW GA TERMINAL FIBER OPTIC
CABLE IN EXISTING CONDUITS TO GENERAL
AVIATION TERMINAL. CONTRACTOR SHALL
TERMINATE NEW FIBER OPTIC CABLE IN
NEW PATCH PANEL IN I.T. CLOSET.
COORDINATE PATCH PANEL LOCATION WITH
AIRPORT I.T. STAFF. PATCH PANELS
SHALL BE WALL MOUNTED, HAVE SC TYPE
CONNECTORS, AND SHALL BE LARGE
ENOUGH TO TERMINATE ALL STRANDS OF
NEW FIBER CABLES, INCLUDING SPARES.
CONTRACTOR SHALL REMOVE ALL
ABANDONED FIBER OPTIC CABLES FROM
EXISTING CONDUITS WHERE NEW CABLES
ARE INSTALLED.

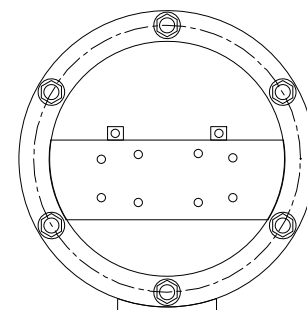


- NOTES**
- MATERIAL — HIGH STRENGTH LOW ALLOY STEEL 60,000 PSI MIN YIELD PER ASTM A572 OR A607
 - FINISH — HOT DIP GALVANIZED W/ EXTERIOR FINISH PAINTED ORANGE & WHITE STARTING WITH ORANGE & ALTERNATING 8'-0" APART

DETAILS FROM MILLERBERND
CONTRACTOR TO PROVIDE MILLERBERND
16-75FP-RBB/86 BEACON POLE WITH
ROUND BEACON BASKET OR APPROVED EQUAL



* NOTE:
TOTAL PIER DEPTH SHALL BE 13'. 8'6" TO TOP OF ROCK PLUS 4'6" OF CONTINUOUS ROCK SOCKET.
(REFER TO SHEET G011)



DETAILS FROM MILLERBERND
CONTRACTOR TO PROVIDE MILLERBERND
16-75HRHI-BEACON-GV/OW-H WINCH SYSTEM
POLE OR APPROVED EQUAL

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JVIATION®

Springfield-Branson
NATIONAL AIRPORT

DES: D.W.C.	ISSUE RECORD			
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DR: B.A.V.	1	M.J.L.	12/09/13	ISSUED FOR BID
	2	M.J.L.	01/17/14	ADDENDUM #2
CH: C.L.G.				
APP: M.J.L.				

W. KEARNEY TERMINAL
PARKING LOT AND GA
REDEVELOPMENT

SCHEDULE VII
BEACON POLE
DETAIL SHEET

JVIATION PROJ. NO.
AIR 126-092A1

DATE:
12/09/13

SHEET NAME
E403
SHEET NO.
122 of 125

SPRINGFIELD-BRANSON NATIONAL AIRPORT
MoDOT Project No: AIR 126-092A1
Pre-Bid Conference
January 15, 2014, 3:00 P.M.

1. RECORDING OF ATTENDEES

- A. Recording of attendees, firm represented, phone number and email.
- B. Attendance & Plan holder's List will be sent to all attendees.

2. INTRODUCTIONS & PROJECT DESCRIPTION

- A. Airport Representatives
 - 1. Brian Weiler, Director of Aviation
 - 2. Shawn Schroeder, Assistant Director of Aviation
 - 3. Steve Eggers, Supervisor of Airfield Operations
 - 4. ~~Rhonda Lewsader~~, Tom Rykowski, Airport Legal Counsel
- B. Airport Engineering – Jviation, Inc.
 - 1. Joe Pestka, Project Director
 - 2. Mark Lovato, Project Manager
 - 3. Ryan Lorton, Deputy Project Manager
- C. City Utilities of Springfield
 - 1. Casey Haynes, Project Manager

D. Major Work Items:

Summary of Approximate Quantities									
Item	Description	Unit	Sch I	Sch II	Sch III	Sch IV	Sch V	Sch VI	Sch VII
MO-152a	Class A Excavation	CY	58,000	-	-	-	-	-	-
MO-155a	Fly Ash Treated Subgrade – 12 Inches	SY	790	-	9,620	-	3,950	3,670	-
MO-209a	Crushed Aggregate Base Course (6 inch)	SY	-	4,500	-	3,400	-	-	-
MO-401Sa	Mineral Aggregate (BP-1)	TON	-	1,450	-	1,100	-	-	-
MO-401Sb	Bituminous Asphalt Cement (BP-1)	TON	-	95	-	75	-	-	-
P-203a	Bituminous Drainable Layer (4-inch)	SY	-	-	-	-	-	3,670	-
P-203b	Bituminous Drainable Layer (6-inch)	SY	790	-	9,620	-	3,950	-	-
P-501b	Portland Cement Concrete Pavement (11-inch)	SY	520	-	8,240	-	-	3,360	-
P-501d	Portland Cement Concrete Pavement (11-inch)	SY	230	-	1,260	-	-	240	-
L-103a	Remove Existing Beacon Tower, Including Foundation (complete)	LS	-	-	-	-	-	-	1

3. BID OPENING DATE & TIME

- A. Date: January 23, 2014 at 4:00 P.M. (CST)
- B. Location: Springfield-Branson National Airport
2300 North Airport Boulevard, Suite 100
Springfield, Missouri, 65802
- C. Bid security: 5% of bid amount – Section 1-2 Bid Security and Section 3-11, 20-10 Bid Guaranty
- D. Contract proposal: Proposal Form starts on page B-1. Submit entire section with bid.

4. DBE GOALS

The requirements of 49 CFR Part 26, Regulations of the U.S. Department of Transportation, apply to this contract. It is the policy of MoDOT and the city to practice nondiscrimination based on race, color, sex or national origin in the award or performance of this contract. All firms qualifying under this solicitation are encouraged to submit bids/proposals. Awards of this contract will be conditioned upon satisfying the requirements of this section. These requirements apply to all bidders, including those who qualify as a DBE. A DBE contract goal of 8.3% percent has been established for this contract. The non-DBE bidder shall subcontract 8.3% percent of the dollar value of the base bid(s), excluding any additive alternates, to disadvantaged business enterprises (DBE) or make good faith efforts to meet the DBE contract goal. The bidder and any subcontractor, who qualifies as a DBE who subcontracts work to another non-DBE firm, must subtract the amount of the non-DBE contract from the total DBE work counted toward the goal, as defined in 49 CFR Part 26.55.

5. Basis of Award – Section 1-2 Award of Contract

Award of Contract. All proposals submitted in accordance with the instructions presented herein will be subject to evaluation. Bids may be held by the City of Springfield for a period not to exceed 60 calendar days from the date of the bid opening for the purpose of conducting the bid evaluation.

The Owner intends to award a contract resulting from this solicitation to the lowest, responsive, responsible bidder, whose offer, conforming to the solicitation, will be most advantageous to, and in the best interest of, the Owner, cost or price and other factors considered.

- a. In addition to other factors, bid offers will be evaluated on the basis of advantages and disadvantages to the Owner that might result from offers received.
- b. The Owner reserves the right to reject any or all proposals and to waive informalities and/or irregularities in the bid offer.
- c. Total bid will be evaluated and awarded as follows: It is the Owner's intent to award this bid based on the TOTAL BASE BID FOR ALL ITEMS, split awards will not be made.

- d. The Owner will determine which Schedules will be awarded based on the received bid prices and available funding. The project award will be based on the low bid sum of the Schedules awarded by the Owner. Not all schedules may be awarded. A combination of Schedules may be awarded, including only a single Schedule. The numbering of the Schedules does not necessarily indicate the order of award. The project award is contingent on the availability of funding.

Award of contract is contingent upon the owner receiving Federal-funding assistance under the State Block Grant Program.

A. Notice to Proceed:

Work may not start under any awarded contract until a written notice to proceed is issued by the Owner. The Owner may issue the Notice to Proceed anytime after the contract is signed and, if required, insurance and bonds have been provided.

Although the acceptance period allows for the project to be awarded within sixty (60) calendar days from the date specified in the solicitation for receipt of bids, construction for this project is expected to take place during the 2014 Construction Season.

B. Project Time: 125 Calendar Days. Refer to 80-08 for more information.

- Calendar day is defined as “Every day shown on the calendar”.

6. BONDING

A. Payment Bond: 100% of Bid Amount, Refer to 30-6 Performance and Payment Bonds

B. Performance Bond: 100% of Bid Amount, Refer to 30-6 Performance and Payment Bonds

7. FEDERAL AND STATE WAGE RATES (DAVIS BACON ACT and MISSOURI DIVISION of LABOR)

Davis-Bacon Act, as amended – 29 CFR Part 5: The Contractor is required to comply with wage and labor provisions and to pay minimum wages in accordance with the current schedule of wage rates established by the United States Department of Labor included in the supplementary provisions.

In addition, the contractor will also be required to comply with the wage and labor requirements and pay minimum wages in accordance with the schedule of wage rates established by the Missouri Division of Labor Standards included in the Supplementary Provisions.

The highest rate between the two (Federal and State) for each job classification shall be considered the prevailing wage.

8. ENGINEER'S FIELD OFFICE

A. Required. Refer to Section 3-29, 60-05 Engineer's Field Office for more information.

9. LIQUIDATED DAMAGES –Section 3-43, 80-08 Failure to Complete on Time

For each calendar day or working day, as specified in the contract, that any work remains uncompleted after the contract time (including all extensions and adjustments as provided in the subsection titled DETERMINATION AND EXTENSION OF CONTRACT TIME of this Section), the sum specified in the contract and proposal as liquidated damages will be deducted from any money due or to become due the Contractor or his/her surety. Such deducted sums shall not be deducted as a penalty but shall be considered as liquidation of a reasonable portion of damages including but not limited to additional engineering services that will be incurred by the Owner should the Contractor fail to complete the work in the time provided in his/her contract.

SCHEDULE	LIQUIDATED DAMAGES COST	ALLOWED CONSTRUCTION TIME
Schedule I	\$750 per calendar day(s)	40 calendar day(s)
Schedule II	\$750 \$1,500 per calendar day(s)	20 calendar day(s)
Schedule III	\$750 per calendar day(s)	35 calendar day(s)
Schedule IV	\$750 per calendar day(s)	20 calendar day(s)
Schedule V	\$750 per calendar day(s)	30 calendar day(s)
Schedule VI	\$750 per calendar day(s)	25 calendar day(s)
Schedule VII	\$1,500 per calendar day(s)	15 calendar day(s)

The maximum construction time for the overall project is 125 calendar day(s). See Local Provisions Part C, Item 18 for additional Liquidated Damages. ~~Liquidated Damages shall be incurred for Schedule II, Schedule VI, Schedule VII and if the project time exceeds 125 calendar days.~~

10. MISCELLANEOUS

- A. Staging Area & Airport Access.
- B. Review Phasing Plans – Sheets G-012 through G-019.
- C. Airport Security- Badging is required for this project. All Superintendents, Project Foreman, Subcontractors & Surveyors will need to be badged / and have radios. Contact Karen Jones with the Springfield-Branson National Airport; 1-417-868-0500 ext 2003, to schedule a badging appointment. Please note that it could take up to 11 days for an individual to receive their badge, from when the process begins.
- D. Stay within project boundaries.
- E. Radios for the project to be provided by Contractor. See Section 4-34, Item 3 Radio Communication.
- F. State Sales & Use Tax are Exempt – See Section 4-36, Item 13 for clarification for local cities and counties requirements.

- G. Quality Assurance by **Engineer**, shall not be same firm as Quality Control.
- H. Quality Control by **Contractor** - Section 100 (Section 3-55) & Section 4-34, Item 5.
- I. Construction Management Plan submitted by Contractor. See Section 4-39, Item 21.
- J. Survey requirements (Section 3-20 50-06 Construction Layout and Stakes) & Section 4-39, Item 20.
- K. P-501a Concrete aggregate is required to be tested for reactivity.
- L. Haul routes, Contractor needs to verify road weight limits as they have changed and plan accordingly.
- M. MO-401S Plant Mix Bituminous Pavements – Method of Payment – Payment for binder and aggregates shall be paid for separately. Percentage of oil will be mathematically deducted from the tonnage of aggregates. Oil price indexing is not part of this project.
- N. Water Line and Gas Line to be installed by an approved City Utilities of Springfield Utility Contractor.
- O. Questions will only be taken via written format to Jviation, Inc. until Monday, January 20, 2014 3:00 p.m. (CST).
- P. Insurance requirement, refer to Section 3-14 Certificates of Insurance and Section B-28, Item 7.
- Q. Buy American Requirements -

Buy American Certificate – Aviation Safety and Capacity Act of 1990: This contract is subject to the “Buy American Preferences” of the Aviation Safety and Capacity Act of 1990. Prospective Bidders are required to certify that steel and manufactured products have been produced in the United States and to clearly identify those items produced or manufactured outside of the United States.
- R. Engineer’s Estimate - 4.75 million to 5 million

11. QUESTIONS

12. PROJECT SITE TOUR



931 Wildwood Drive, Suite 101
Jefferson City, MO 65109
Phone: 573.636.3200
Fax: 573.636.3201

Meeting Sign In

Meeting Date / Location:

January 15, 2014 / Springfield-Branson National Airport

Time:

3:00 PM

Project Name:

General Aviation Apron Redevelopment

Project #:

MoDOT Project #: AIR 126-092A1

Name	Company	Telephone No.	E-mail
Michael Wilson	Ideker Inc.	816-364-3970	michaelwilson33@gmail.com
Eric Chamberlain	Hartman	417-353-1997	ericchamberlain@hartmancomo.com
Mark Lovato	Jviation	303-947-5724	mark.lovato@jviation.com
Dave Ewing	Ewing Signal	417-724-9405	daveewing@ewingsignals.com
Scott Crabtree	Blevins Asphalt	417-466-3758	scrabtree@blevinsasphalt.com
Ethen Gwinn	Concrete Strategies	314-595-6346	
Steve Eoff	D&E Plumbing	417-725-5300	
David Foreman	APAC	417-968-6700	david.foreman@apac.com
Doug Fronick	APAC	417-968-6700	doug.fronick@apac.com
Justin Wallace	Hartman & Co	417-830-8309	justinwallace@hartmancomo.com
Ben Bills	AC Electrical Systems	417-838-0019	bbills@acelectricalsystems.com
Scott Crabtree	Springfield Underground	417-874-1406	scrabtree@springfieldunderground.com
Ryan Lorton	Jviation	573-636-3200	ryan.lorton@jviation.com
Brad Emory	Emery Sapp & Sons, Inc.	417-833-9915	brad.emory@emerysapp.com

Dan Ream	AFM Airport	417-777-0998	dream@flyspringfieldbranson.com
Grant Thompson	A-1 Electric	417-831-7770	grant.a-1@mindspring.com
Randy Riley	Airport IT	417-868-0500	rriley@flyspringfield.com
Karen Jones	Airport IT	417-868-0500	kjones@flyspringfield.com
Shawn Schroeder	SGF	417-868-0500	
Darrell Goth	MoDOT Aviation	573-526-7913	

City of Springfield
Springfield-Branson National Airport
State Block Grant Project No. AIR 126-092A1

Plan Holder's List

ROLE	COMPANY NAME	CONTACT	STREET ADDRESS	CITY	STATE	ZIP	TELEPHONE NO.	EMAIL ADDRESS	FAX NUMBER
1	Airport Manager	Shawn Schroeder						SSchroeder@springfield.com	
2	Jivation	Mark Levato	900 S. Broadway, Ste. 350	Denver	CO	80209		mark.levato@jivation.com	
3	Jivation	Joe Pestka	931 Wildwood Dr., Suite 101	Jefferson City	MO	65109		joe.pestka@jivation.com	
4	Jivation	Jeffery Hogan	155 N. 400 West, Suite 580	Salt Lake City	UT	84103		jeffery.hogan@jivation.com	
5	MoDOT	Darrell Goth	105 W. Capitol Avenue	Jefferson City	MO	65102	573-528-7913	darrell.goth@mo.gov	573-528-4708
6	Prime	Billy Wallis	5350 E. State Hwy AA	Springfield	MO	65803	417-833-5915	Billy.Wallis@newpages.com	417-833-8981
7	Prime	DAVID FOREMAN	4580 W. CALHOUN / P.O. BOX 1187	SPRINGFIELD	MO	65802/65801	417-868-4700	david.foreman@upac.com	417-868-6790
8	Plan Room	Molly Arnold	4115 S. Providence Road Ste 105	Columbia	MO	65203	573-447-7130	mollyarnold@hiding.com	573-355-5404
9	Prime	Bob Stubbs	601 Fountain Lakes Boulevard	St. Charles	MO	63301	636-949-0038 ext. 118	bob@mpb.com	636-949-3129
10	Sub	Steve Eoff	1112 N. Falcon Crest Court	Nixa	MO	65714	417-725-5300	seoff01@yahoo.com	417-725-5610
11	Plan Room	Miller Boyer	521 S. Ingram Mill Road	Springfield	MO	65802	417-889-8044	mboyer@hullmansconstruction.com	417-889-9403
12	Sub	Meri Aber	5201 Brighton Avenue	Kansas City	MO	64130	816-923-4325	maaber@vintobrothers.com	816-923-6472
13	Plan Room	Samantha Russell	4500 Lake Forest Drive, Suite 502	Cincinnati	OH	45242	800-364-2059	mrsrussell@cent.com	868-570-8187
14	Prime	Alan Wolfe	3001 East 83rd Street	Kansas City	MO	64132	816-523-5081	alanw@kcccontractors.com	816-523-0183
15	Prime	Cindy Allison	3001 East 83rd Street	Kansas City	MO	64132	816-523-5081	cindyal@kcccontractors.com	816-523-0183
16	Sub	Adam King	13900 East 350 highway	Kansas City	MO	64138	816-525-3640	adam@constructobrothers.com	816-525-4533
17	Sub	David Haney	1730 N. Gregory Drive	Nixa	MO	65714	417-724-9405	dhaney66@att.net	417-724-9828
18	Sub	Peter W. Stevens, PL	1831 W. Ellendale	Springfield	MO	65807	417-796-6251	petestevens@centex.com	417-889-8129
19	Prime	Steve Bubanovich	73039 Hwy 21	Van Buren	MO	63965	573-945-2224	sbubanov@mcmo.net	573-945-2226
20	Prime	Mark Haines	5830 SW Drury Lane	Topeka	KS	66604	785-228-2928	markh@kcsconstruction.com	785-228-2927
21	Prime	Allen Wilson	3003 East Chestnut Expressway Suite 1200	Springfield	MO	65802	417-569-7222	awilson@huyngan.com	417-889-7421
22	Prime	Ryan Rambusch	4139 Gardner Ave	Kansas City	MO	64120	816-483-8800	rambusch@clinksonconstruction.com	
23	Sub	Clayton Hines	PO Box 493	Nixa	MO	65714	417-725-4663	clhines@huffhines.com	417-725-5230
24	Sub	John Thompson	158 Joel Ave	Union	MO	63084	636-583-9485	johnthompson@live.com	636-583-2987
25	Prime	Jim Othin	2198 Innerbelt Business Center Drive	St. Louis	MO	63114	314-595-6372	erbin@springmetstrategies.com	314-592-2135
27	Sub	Alex Abraham	2390 Legacy Drive	Aurora	CO	80502	630-851-5352	alexabraham@reintercofirm.com	630-898-3336
28	Prime	The Reinforced Earth Company		Springfield	MO	65804	417-882-2062	larry@redmex.com	417-882-2702
29	Prime	Hartman & Co., Inc.	1200 East Woodhurst Suite J200	Poplar Bluff	MO	63901	573-696-1323	scrook@harpsons.com	573-696-1397
30	Prime	R. L. Pestona Construction, Inc.	3025 Cravens Road	Neosho	MO	64850	417-451-5250	estimating@harpsons.com	417-451-2851
	Prime	Jeremy Pant	12103 E. Hwy 86						

City of Springfield
Springfield-Branson National Airport
State Block Grant Project No. AIR 128-092A1

Plan Holder's List

ROLE	COMPANY NAME	CONTACT	STREET ADDRESS	CITY	STATE	ZIP	TELEPHONE NO.	EMAIL ADDRESS	FAX NUMBER
31 Sub	Lumacurve Airfield Signs	Liz Humpage	9115 Freeway Drive	Macedonia	OH	44056	330-487-2030	ljb@lumacurve.com	330-487-2078
32 Prime	Whitman Contractors LLC	Scott Whitman	P.O. Box 3487	Springfield	MO	65808	417-838-2050	msietlic.b.d@gmail.com	417-368-1904
33 Prime	PV Consulting, Inc.	Peter A. Viglia II	PO Box 3700	Evergreen	CO	80437	303-874-1230	info@pvcnslng.com	303-512-7440
34 Sub	Anchor Fence Corp	Michael Ashelm	5775 S. Campbell Ave.	Springfield	MO	65810	417-882-5270	maschem@anchorfencecorp.com	417-882-2818
35 Plan Room	Reed Construction Data	Rob Canetta	30 S. Technology Parkway, Suite 100	Necross	GA	30092	630-288-7873	robert.canetta@reedbusiness.com	878-880-1604
36 Sub	A-1 ELECTRIC SERVICE	Grant Thompson	2525 B E. Livingston St.	Springfield	MO	65803	417-831-7770	Grant.a-1@mindsping.com	417-831-2988
37 Sub	Vee-Jay Cement Contracting Co., Inc.	Denver Seay	8053 Chivvis Drive	Saint Louis	MO	63123	314-351-3366	seayvcs@veejaycement.com	314-351-5468
38 Prime	BRS Construction	Mike Schrage	Rt 1 Box 159	Edina	MO	63537	660-341-4665	schragem@hohmail.com	660-387-3668
39 Prime	Chester Bross Construction Co.	Jack Hamilton	P.O. Box 430	Hannibal	MO	63401	573-221-5868	jharrison@chebrossgroup.com	573-221-1882
40 Sub	Springfield Striping & Sealing	Terry Martin	3809 E. Energy Place	Springfield	MO	65803	417-831-5114	tmartin@springfieldstriping.com	417-831-6240
41 Sub	Gee Asphalt Systems, Inc.	Dan Gae	4715 8th Street SW	Cedar Rapids	IA	52404	319-386-8567	dgaee@geegasphalt.com	319-386-5592
42 Prime	Ideler, Inc.	Cody Phillips	4614 South 40th Street / PO BOX 7140	St. Joseph	MO	64503	816-364-3970	cody@ideler.net	816-364-4783
43 Sub	Time Striping, Inc.	Julie Becker	PO Box 1238	Van Buren	AR	74957	479-474-0452	julie@timestriping.com	479-474-0498
44 Plan Room	BidClerk	Dan Jackson	28 N. Clark Street, Suite 450	Chicago	IL	60612	312-380-3943	danbates@bidclerk.com	312-275-7197