

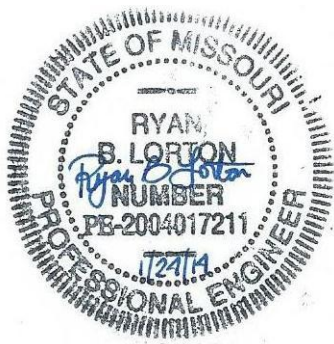
January 24, 2014

To: Plan Holders for Improvements to the  
Eldon Model Airpark  
Eldon, Missouri  
Project No. 13-046A-1  
Pavement Maintenance

Transmitted herewith is Addendum **No. 1** to the Contract Documents, Plans and Specifications dated January 16, 2014 for Improvements to the Eldon Model Airpark, Eldon, Missouri, Project No. 13-046A-1.

**SCHEDULE I:**  
Rehabilitate T-Hangar Taxilanes

**SCHEDULE II:**  
Rehabilitate Entrance Road, Construct New Parking Lot and Entrance Road  
Extension



Sincerely,

Jviation, Inc.

Ryan Lorton, P.E.  
Project Manager

**ADDENDUM NO. 1  
TO  
CONTRACT DOCUMENTS, PLANS AND SPECIFICATIONS  
FOR IMPROVEMENTS TO THE  
ELDON MODEL AIRPARK  
ELDON, MISSOURI  
PROJECT NO. 13-046A-1**

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 24, 2014:

**1. CONTRACT DOCUMENTS**

Section 1: Notice to Bidders  
Page: 2-1 to 2-2  
Revision: The Summary of Approximate Quantities has been revised.

**2. TECHNICAL SPECIFICATIONS**

Tech Spec: MO-601 Surface Preparation  
Page: All  
Revision: Section 601-4.1, paragraph a. Pavement Removal, a sentence has been added to the end of this paragraph to clarify the full depth removal item. In addition, Section 601-5.1 Payment, has been revised by adding two additional pay items: MO-601b Asphalt Profile Rotomill and MO-601c Full Depth Asphalt Removal. This specification has been re-issued in its entirety and is attached at the back of this document.

**3. BID PROPOSAL**

Page: Schedule I and Schedule II Bid Proposals  
Revision: Two additional pay items have been added: MO-601b Asphalt Profile Rotomill and MO-601c Full Depth Asphalt Removal. In addition, the quantities for certain Pay Items have been revised. Schedule I and Schedule II

Bid Proposals have been re-issued in their entirety and are attached at the back of this document.

#### **4. PLANS**

Sheet: G002  
Sheet Number: 2 of 33  
Revision: See attached revised sheet dated January 24, 2014.

Sheet: C300  
Sheet Number: 13 of 33  
Revision: See attached revised sheet dated January 24, 2014.

Sheet: C301  
Sheet Number: 14 of 33  
Revision: See attached revised sheet dated January 24, 2014.

Sheet: C350  
Sheet Number: 18 of 33  
Revision: See attached revised sheet dated January 24, 2014.

Sheet: C901  
Sheet Number: 31 of 33  
Revision: See attached revised sheet dated January 24, 2014.

#### **5. QUESTIONS**

Questions will only be taken via written format to Jviation, Inc. until Friday February 7, 2014 5:00 P.M. CST, no other correspondence will be received prior to bid.

**\*\* END OF ADDENDUM NO. 1 \*\***

# SECTION 1

## NOTICE TO BIDDERS

City of Eldon  
Eldon Model Airpark  
State Block Grant Project No. 13-046A-1

Sealed bids subject to the conditions and provisions presented herein will be received until 2:00 p.m., Thursday, 2/13/2014, and then publicly opened and read by the City of Eldon, 101 South Oak St., Eldon, MO 65026, for furnishing all labor, materials, equipment and performing all work necessary to Schedule I - Rehabilitate T-Hangar Taxilanes  
Schedule II - Rehabilitate Entrance Road, Construct New Parking Lot and Entrance Road Extension.

A complete set of Specifications and Contract Documents can be downloaded from Jviation, Inc.'s bid site (<http://bid.jviation.com>), beginning on 1/16/2014. In order to submit a responsive bid as a Prime Contractor and to receive all necessary addendum(s) for this project, you must be on the Planholder's List. To view all planholder documents (contract documents, plans and addendums) you must fill out the online form located at (<http://www.jviation.com/bidrequest>). By filling out and submitting this form, you agree to be publicly listed on the bid site with your contact information as a planholder for all projects requested. It is the planholder's responsibility to review the site for addendums and changes before submitting their proposal. For additional information, please contact us via email at [bidinfo@jviation.com](mailto:bidinfo@jviation.com).

\*Note that contractors will NOT be automatically added to new projects. You will need to re-submit the online form for access to new projects. Once granted access, additional projects will use your same login credentials. Note: Plan ahead when submitting the online request form and allow up to 2 business days for approval and access to projects.

A prebid conference will be held on Thursday, 1/30/2014 at City Hall, 101 South Oak St., Eldon, MO 65026, at 10:00 a.m.

**Contract Work Items.** This project will involve the following work items and estimated quantities. Prospective bidders are hereby advised that the quantities indicated herein are approximate and are subject to change.

SUMMARY OF APPROXIMATE QUANTITIES				
Item No.	Item Description	Unit	Schedule I	Schedule II
MO-100a	Mobilization	LS	1	1
MO-152a	Unclassified Excavation	CY	-	385
MO-152b	Subgrade Preparation	SY	-	1,100
MO-152c	Shoulder Grading	SY	-	850
MO-156a	Silt Fence	LF	-	150
MO-156b	Ditch Check	EA	-	4
MO-156c	Inlet Protection	EA	-	2
MO-162a	24' Double Swing Gate	EA	-	1
MO-209a	Aggregate Base Course (8-inches)	CY	-	250
MO-401Fa	Bituminous Asphalt Pavement (BP-1)	TON	500	565
MO-601a	2" Asphalt Rotomill	SY	3700	40
MO-601b	Asphalt Profile Rotomill	SY	170	280
MO-601c	Full Depth Asphalt Removal	SY	-	275
MO-603a	Bituminous Tack Coat	GAL	610	460
MO-620a	Permanent Pavement Markings	SF	200	60
MO-701a	18" RCP Storm Pipe – Class III	LF	-	175
MO-701b	18" RCP FES – Class III	EA	-	1
MO-701c	Remove Existing Storm Drain	LF	-	25

MO-901a	Seeding	AC	-	1
MO-908a	Mulching	AC	-	1
MoDOT-609a	Type 2 Rock Lining	CY	-	17
MoDOT-731a	MoDot Type S-1 Inlet (3'-2')	EA	-	2
P-602a	Crack Repair	LF	350	-
D-750a	Extend Existing Trench Drain	LF	18	-

**Contract Time.** The owner has established a contract performance time of 28 calendar days from the date of the Notice-to-Proceed. All project work shall be substantially completed within the stated timeframe. This project is subject to liquidated damages as prescribed in the project manual.

**Bid Security.** No bid will be considered unless accompanied by a bid bond secured by an approved surety or sureties, payable to the owner, for not less than five (5) percent of the total amount of the bid.

**Bonding Requirements.** The successful bidder will be required to furnish separate performance and payment bonds each in an amount equal to 100% of the contract price at the time of contract execution.

**Award of Contract.** 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. Bids may be held by the owner for a period not to exceed 90 calendar days from the date of the bid opening for the purpose of conducting the bid evaluation.
- c. Total bid will be evaluated and awarded as follows: It is the City of Eldon'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 and/or Bid Alternates 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 and Bid Alternates awarded by the Owner. Not all Schedules and/or Bid Alternates may be awarded. A combination of Schedules and Bid Alternates may be awarded, including only a single Schedule. The numbering of the Schedules or Bid Alternates does not necessarily indicate the order of award. The project award is contingent on the availability of funding.

**Federal Provisions.** This project is subject to the following Federal provisions, statutes and regulations;

**Equal Employment Opportunity - Executive Order 11246 and 41 CFR Part 60:** The Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Opportunity Construction Contract Specifications" set forth within the supplementary provisions. The successful Bidder shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, or national origin.

**Goals for Minority and Female Participation – Executive Order 11246 and 41 CFR Part 60:**

1. The Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Opportunity Construction Contract Specifications" set forth within the supplementary provisions.
2. The goals and timetables for minority and female participation, expressed in percentage terms for the contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:

**Timetables**

Goals for minority participation for each trade: 4.00 %

Goals for female participation in each trade: 6.9%.

These goals are applicable to all of the contractor's construction work (whether or not it is Federal or federally- assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the geographical area where the work is actually performed, the contractor also is subject to the goals for both its federally involved and non-federally involved construction in this secondary area.

**Certification of Nonsegregated Facilities – 41 CFR Part 60:** A certification of Nonsegregated Facilities must be submitted prior to the award of a federally-assisted construction contract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity Clause.

Contractors receiving federally assisted construction contract awards exceeding \$10,000, which are not exempt from the provisions of the Equal Opportunity Clause will be required to provide for the forwarding of the notice to prospective subcontractors for supplies and construction contracts where the subcontracts exceed \$10,000 and are not exempt from the provisions of the Equal Opportunity Clause. The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.

**Disadvantaged Business Enterprise – 49 CFR Part 26:** 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 6 percent has been established for this contract. The non-DBE bidder shall subcontract 6 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.

The apparent successful competitor will be required to submit the following information: (1) the names and addresses of DBE firms that will participate in the contract; (2) a description of the work that each DBE firm will perform; (3) the dollar amount of the participation of each DBE firm participating; (4) written documentation (signed contract proposal) of the bidders commitment to use a DBE subcontractor whose participation it submits to meet the contract goal; and (5) if the contract goal is not met, evidence of good faith efforts, as described in 49 CFR Part 26.

**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.

**Debarment, Suspension, Ineligibility and Voluntary Exclusion – 49 CFR Part 29:** The bidder certifies, by submission of a proposal or acceptance of a contract, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency. Individuals or companies listed in the General Services Administration’s “Excluded Parties Listing System” will not be considered for award of contract.

**Foreign Trade Restriction – 49 CFR Part 30:** The Bidder and Bidder’s subcontractors, by submission of an offer and/or execution of a contract, is required to certify that it:

- a. is not owned or controlled by one or more citizens of a foreign country included in the list of countries that discriminate against U.S. firms published by the Office of the United States Trade Representative (USTR);
- b. has not knowingly entered into any contract or subcontract for this project with a person that is a citizen or national of a foreign country on said list, or is owned or controlled directly or indirectly by one or more citizens or nationals of a foreign country on said list;
- c. has not procured any product nor subcontracted for the supply of any product for use on the project that is produced in a foreign country on said list.

**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.

**Airport Job Special Provision:** “Notice to all potential bidders on federally funded airport construction projects: As mandated by Executive Order 12818, issued by President George Bush on October 23, 1992, a Job Special Provision will be inserted into and made part of every contract for federally funded airport construction projects, awarded from this or future notices of lettings.”

**Additional Provisions:**

Modification to the project documents may only be made by written addendum by the Owner or Owner’s authorized Representative.

The proposal must be made on the forms provided within the bound project manual. Bidders must supply all required information prior to the time of bid opening.

## ITEM MO-601 SURFACE PREPARATION

### DESCRIPTION

**601-1.1** This item shall consist of preparation of existing pavement surfaces for overlay, removal of existing pavement, and other miscellaneous items. The work shall be accomplished in accordance with these specifications and the applicable drawings.

### EQUIPMENT

**601-2.1** All equipment shall be specified hereinafter or as approved by the Engineer. The equipment shall not cause damage to the pavement to remain in place.

### CONSTRUCTION

#### **601-3.1 REMOVAL OF EXISTING PAVEMENT.**

**a. Asphaltic Concrete.** Asphaltic concrete pavement to be removed shall be cut to the full depth of the bituminous material around the perimeter of the area to be removed. The pavement shall be removed in such a manner that the joint for each layer of pavement replacement is offset one foot from the joint in the preceding layer. This does not apply if the removed pavement is to be replaced with concrete or soil. If the material is to be wasted on the airport site, it shall be broken to a maximum size as designated by the airport owner.

**601-3.2 PREPARATION OF JOINTS AND CRACKS.** All joints and cracks in bituminous and concrete pavements to be overlaid with asphaltic concrete pavement shall be cleaned of joint and crack sealer, debris, and vegetation. Any excess joint or crack sealer on the surface of the pavement shall also be removed from the pavement surface. If vegetation is a problem a soil sterilant shall be applied. Cracks and joints wider than 3/8 inch shall be filled with a mixture of emulsified asphalt and aggregate. The aggregate shall consist of limestone, volcanic ash, sand, or other material that will cure to form a hard substance. The combined gradation shall be as shown in TABLE 1.

TABLE 1	
Sieve Size	Percent Passing
No. 4	100
No. 8	90-100
No. 16	65-90
No. 30	40-60
No. 50	25-42
No. 100	15-30
No. 200	10-20



Up to 3% cement can be added to accelerate the set time. The mixture shall not contain more than 20% natural sand without approval in writing from the Engineer.

The proportions of asphalt emulsion and aggregate shall be determined in the field and may be varied to facilitate construction requirements. Normally, these proportions will be approximately one part asphalt emulsion to five parts aggregate by volume. The material shall be poured into the joints or cracks or shall be placed in the joint or crack and compacted to form a voidless mass. The joint or crack shall be filled within 0 to 1/8 inch of the surface. Any material spilled outside the width of the joint shall be removed from the surface prior to constructing the overlay. Where concrete overlays are to be constructed, only the excess joint material on the surface and vegetation in the joints need to be removed.

### **601-3.3 COLD MILLING.**

**a. Patching.** The machine shall be capable of cutting a vertical edge without chipping or spalling the edges of the pavement to remain. The machine shall have a positive method of controlling the depth of cut. The Engineer shall layout the area to be milled. The area shall be laid out with straightedges in increments of 1-foot widths. The area to be milled shall cover only the failed area. Any excessive area that is milled because the Contractor doesn't have the appropriate machine, or areas that are damaged because of his negligence, shall not be included in the measurement for payment.

**b. Profiling, Grade Correction, or Surface Correction.** The machine shall have a minimum width of 10 feet. It shall be equipped with electronic grade control devices on both sides that will cut the surface to the grade and tolerances specified. The machine shall cut vertical edges. A positive method of dust control shall be provided. The machine shall be capable of discharging the millings in a truck or leaving them in a defined windrow.

## **METHOD OF MEASUREMENT**

**601-4.1 GENERAL.** If there is no quantity shown in the bidding schedule, the work covered by this section shall be considered as a subsidiary obligation of the Contractor covered under the other contract items. Only accepted work will be measured.

**a. Pavement Removal.** The unit of measurement for pavement removal shall be the number of square yards removed by the Contractor. Any pavement removed outside the limits of removal because the pavement was damaged by negligence on the part of the Contractor shall not be included in the measurement for payment. Full depth asphalt removal shall include the removal of the existing bituminous pavement and aggregate base beneath the bituminous pavement.

**b. Joint and Crack Repair.** The unit of measurement for joint and crack repair shall be the linear foot of joint or crack repair cleaned and filled as approved by the Engineer. This work will not be paid for separately and shall be considered incidental to MO-601a and MO-601b.

84           **c. Cold Milling.** The unit of measure for cold milling shall be the number square yards.  
85 The average depth of the cold milling shall be determined by the Engineer and the Contractor prior  
86 to accomplishment of the work. When surface correction is required, if the initial cut doesn't correct  
87 the condition, the Contractor shall re-plane the area and will be paid only once for the total depth of  
88 cold milling. The quantity shall be divided into the following categories:

89  
90           (1) Variable Depth Profile Asphalt Rotomilling

91           (2) 2" Asphalt Rotomilling  
92  
93

#### 94 **BASIS OF PAYMENT**

95  
96 **601-5.1 PAYMENT.** Payment shall be made at contract unit price for the unit of measurement as  
97 specified hereinbefore. This price shall be full compensation for furnishing all materials and for all  
98 preparation, hauling, and placing of the material and for all labor, equipment, tools, and incidentals  
99 necessary to complete this item.  
100

101 Payment will be made under:  
102

103	Item MO-601a	2" Asphalt Rotomill – per square yard
104	Item MO-601b	Asphalt Profile Rotomill – per square yard
105	Item MO-601c	Full Depth Asphalt Removal – per square yard

106  
**\*\*END OF ITEM MO-601\*\***



## SCHEDULE I

Item No.	Description	Units	Estimated Quantity	Unit Price	Total
MO-100a	Mobilization	LS	1	\$	\$
MO-401Fa	Bituminous Asphalt Pavement (BP-1)	TON	500	\$	\$
MO-601a	2" Asphalt Rotomill	SY	3,700	\$	\$
MO-601b	2" Asphalt Profile Rotomill	SY	170	\$	\$
MO-603a	Bituminous Tack Coat	GAL	610	\$	\$
MO-620a	Permanent Pavement Markings	SF	200	\$	\$
P-602a	Crack Repair	LF	350	\$	\$
D-750a	Extend Existing Trench Drain	LF	18	\$	\$

SCHEDULE I TOTAL \$

## SCHEDULE II

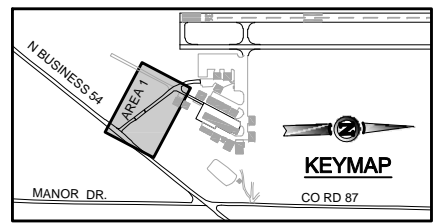
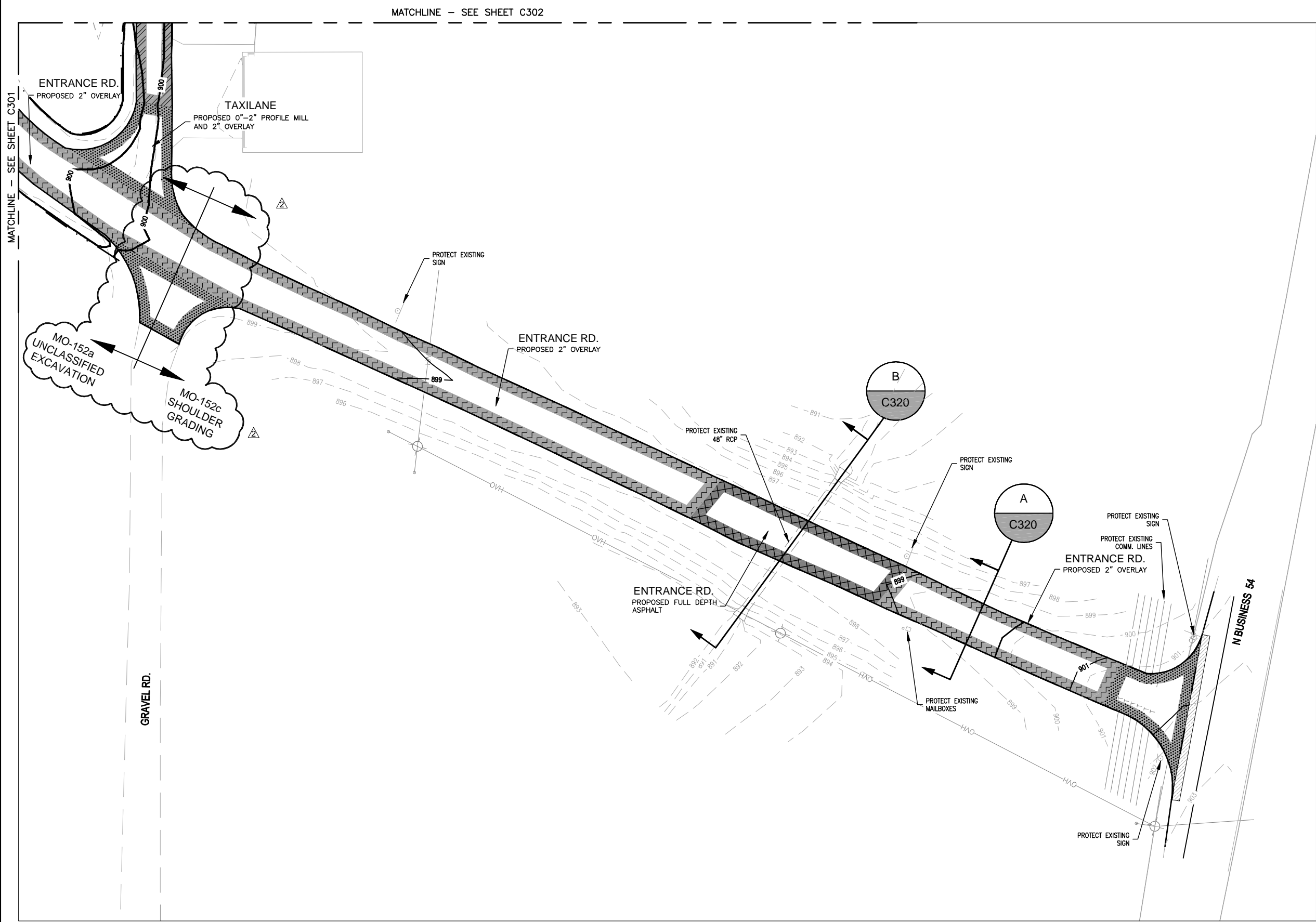
Item No.	Description	Units	Estimated Quantity	Unit Price	Total
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MO-152a	Unclassified Excavation	CY	385	\$	\$
MO-152b	Subgrade Preparation	SY	1,100	\$	\$
MO-152c	Shoulder Grading	SY	850	\$	\$
MO-156a	Silt Fence	LF	150	\$	\$
MO-156b	Ditch Check	EA	4	\$	\$
MO-156c	Inlet Protection	EA	2	\$	\$
MO-162a	24' Double Swing Gate	EA	1	\$	\$
MO-209a	Aggregate Base Course (8-inches)	CY	250	\$	\$
MO-401Fa	Bituminous Asphalt Pavement (BP-1)	TON	565	\$	\$
MO-601a	2" Asphalt Rotomill	SY	40	\$	\$
MO-601b	2" Asphalt Profile Rotomill	SY	280	\$	\$
MO-601c	Full Depth Asphalt Removal	SY	275	\$	\$
MO-603a	Bituminous Tack Coat	GAL	460	\$	\$
MO-620a	Permanent Pavement Markings	SF	60	\$	\$
MO-701a	18" RCP Storm Pipe - Class III	LF	175	\$	\$

## SCHEDULE II

Item No.	Description	Units	Estimated Quantity	Unit Price	Total
MO-701b	18" RCP FES - Class III	EA	1	\$	\$
MO-701c	Remove Existing Storm Drain	LF	25	\$	\$
MO-901a	Seeding	AC	1	\$	\$
MO-908a	Mulching	AC	1	\$	\$
MoDOT-609a	Type 2 Rock Lining	CY	17	\$	\$
MoDOT-731a	MoDot Type S-1 Inlet (3'-2')	EA	2	\$	\$

**SCHEDULE II TOTAL \$** \_\_\_\_\_

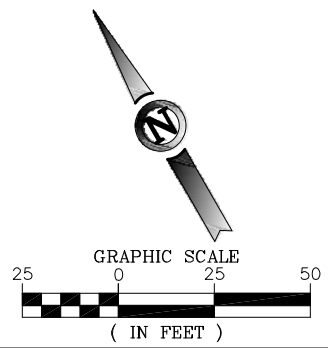




GRADING LEGEND	
---	EXISTING INDEX CONTOUR
- - -	EXISTING INTERMEDIATE CONTOUR
---	PROPOSED INDEX CONTOUR
- - -	PROPOSED INTERMEDIATE CONTOUR
---	EXISTING STORM PIPE
---	GRADING LIMITS
[Pattern]	PROPOSED FULL DEPTH ASPHALT PAVEMENT
[Pattern]	PROPOSED 2" MILL AND 2" OVERLAY
[Pattern]	PROPOSED 2" OVERLAY
[Pattern]	PROPOSED 0" - 2" PROFILE MILL AND 2" OVERLAY
[Pattern]	FULL DEPTH ASPHALT REMOVAL LIMITS
[Pattern]	BUTT JOINT - DEPTH VARIES

**NOTES**

1. THE CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED BY THEIR OPERATIONS OUTSIDE OF THE GRADING LIMITS AT THEIR OWN EXPENSE.



ISSUED FOR BID  
NOT FOR CONSTRUCTION

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

RYAN B. LORTON PE-2004017211 1/16/2014  
NAME REG. NO. DATE  
FOR AND ON BEHALF OF JVIATION, INC.

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Jan 23, 2014 - 2:34pm  
JVIATION

ELDON MODEL AIRPARK  
ELDON, MO.

DES: D.W.C.  
DR: A.P.A.  
CH: C.L.G.  
APP: R.B.L.

ISSUE RECORD				
NO.	BY	DATE	DESCRIPTION	
1	R.B.L.	1/16/2014	ISSUED FOR BID	
2	R.B.L.	1/24/2014	ADDENDUM #1	

REHABILITATE T-HANGAR  
TAXILANES, REHABILITATE  
ENTRANCE ROAD, CONSTRUCT  
NEW PARKING LOT AND  
ENTRANCE ROAD EXTENSION

MoDOT PROJ. NO.  
13-046A-1

JVIATION PROJ. NO.  
2013-H79-01

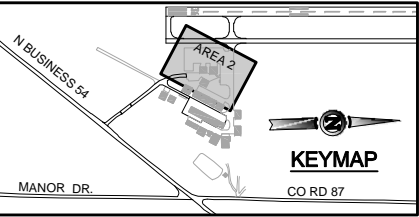
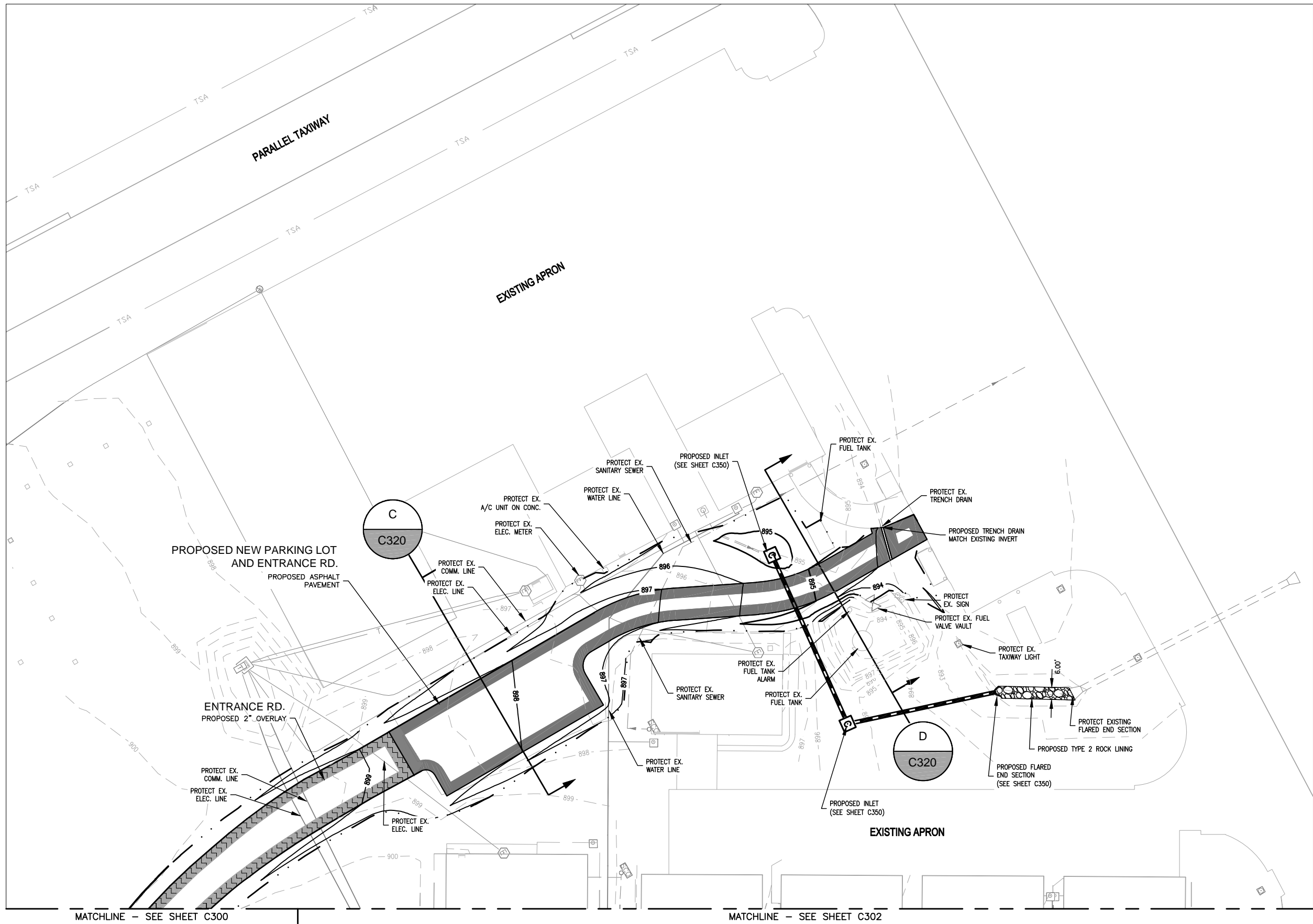
DATE:  
1/16/2014

GRADING PLAN  
AREA 1

SHEET NAME  
C300

SHEET NO.  
13 of 33





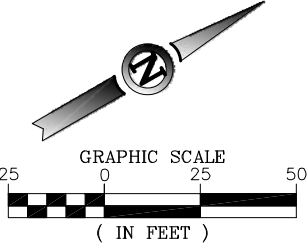
GRADING LEGEND

- 1110 — EXISTING INDEX CONTOUR
- 1111 — EXISTING INTERMEDIATE CONTOUR
- 1110 — PROPOSED INDEX CONTOUR
- 1111 — PROPOSED INTERMEDIATE CONTOUR
- — EXISTING STORM PIPE
- — GRADING LIMITS
- PROPOSED FULL DEPTH ASPHALT PAVEMENT
- PROPOSED 2" MILL AND 2" OVERLAY
- PROPOSED 2" OVERLAY
- PROPOSED 0" - 2" PROFILE MILL AND 2" OVERLAY
- FULL DEPTH ASPHALT REMOVAL LIMITS
- BUTT JOINT - DEPTH VARIES

NOTES

- THE CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED BY THEIR OPERATIONS OUTSIDE OF THE GRADING LIMITS AT THEIR OWN EXPENSE.

REISSUE ENTIRE SHEET



ISSUED FOR BID  
NOT FOR CONSTRUCTION

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

RYAN B. LORTON PE-2004017211 1/16/2014  
NAME REG. NO. DATE  
FOR AND ON BEHALF OF JVIATION, INC.

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Jan 23, 2014 - 2:34pm  
JVIATION

JVIATION®

ELDON MODEL AIRPARK  
ELDON, MO.

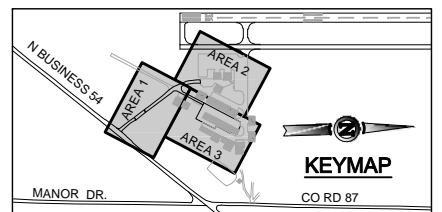
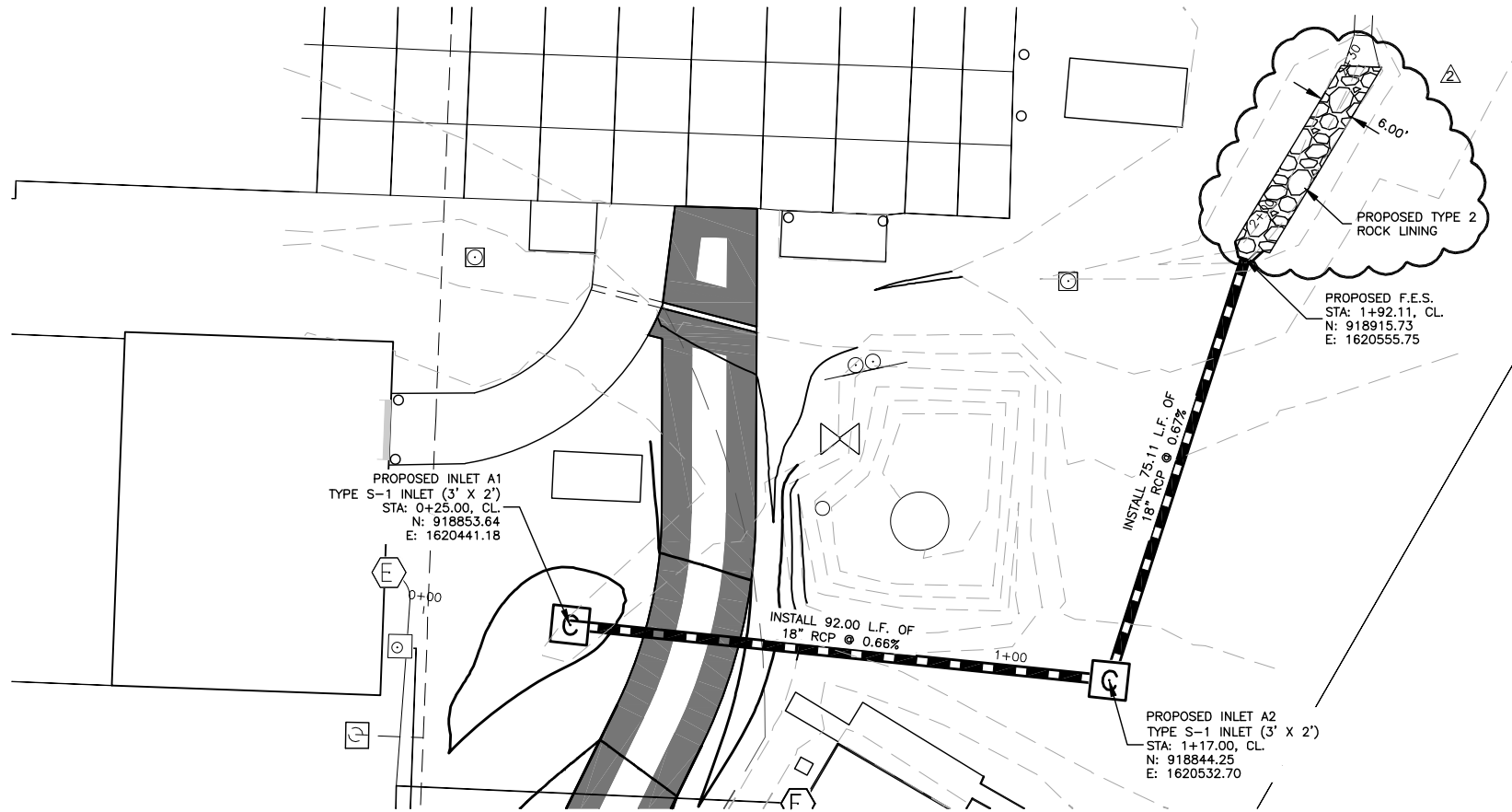
ISSUE RECORD				
NO.	BY	DATE	DESCRIPTION	
1	R.B.L.	1/16/2014	ISSUED FOR BID	
2	R.B.L.	1/24/2014	ADDENDUM #1	

REHABILITATE T-HANGAR  
TAXILANES, REHABILITATE  
ENTRANCE ROAD, CONSTRUCT  
NEW PARKING LOT AND  
ENTRANCE ROAD EXTENSION

GRADING PLAN  
AREA 2

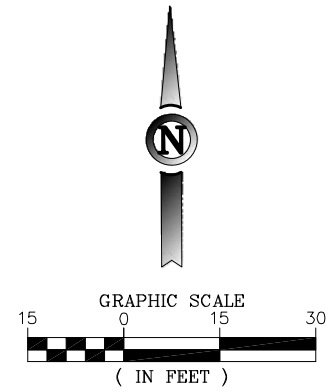
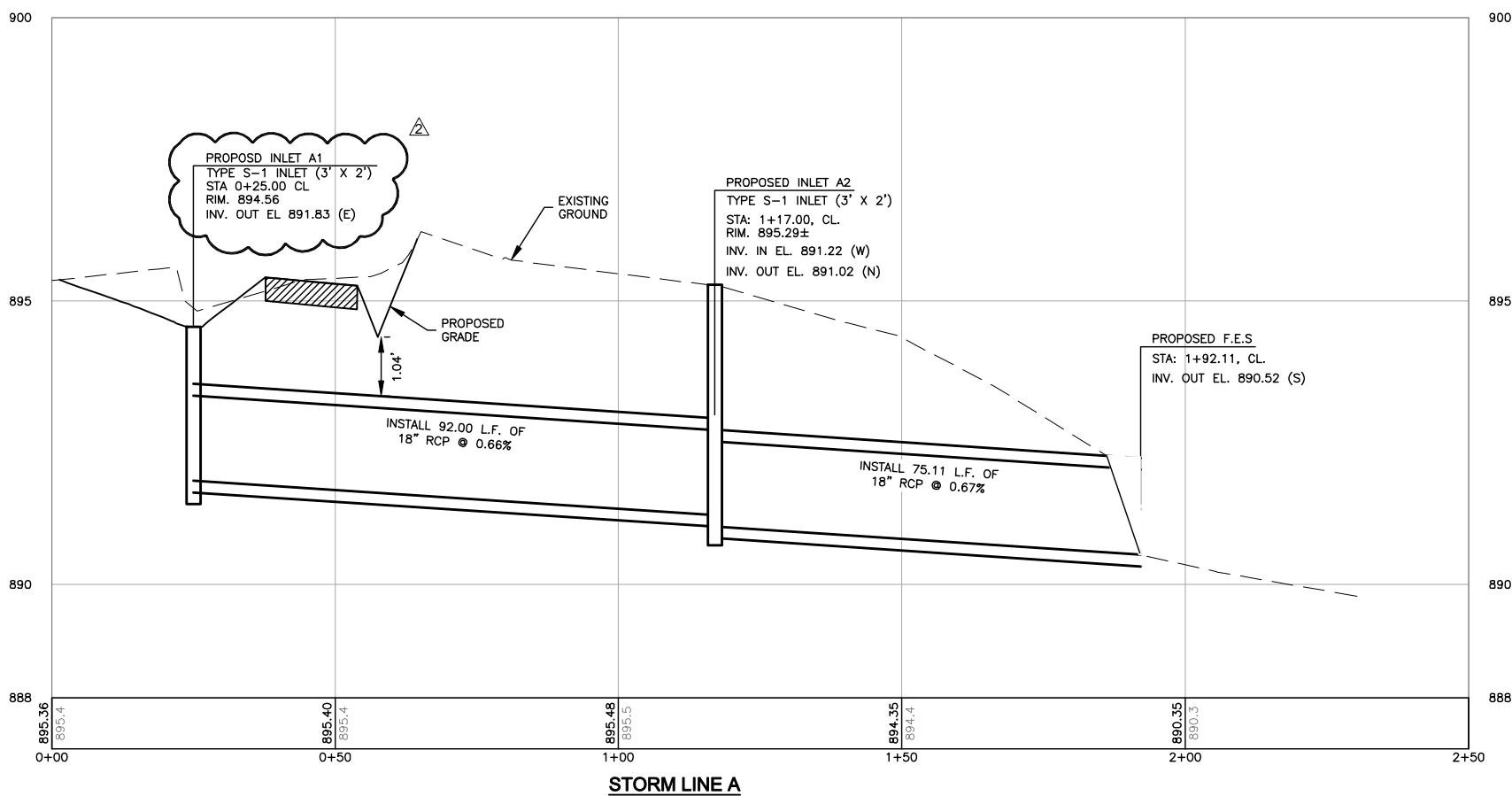
MoDOT PROJ. NO. 13-046A-1  
JVIATION PROJ. NO. 2013-H79-01  
DATE: 1/16/2014

SHEET NAME  
C301  
SHEET NO.  
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STORM LEGEND	
— 1245 —	EXISTING INDEX CONTOUR
— 1244 —	EXISTING INTERMEDIATE CONTOUR
<b>— 1245 —</b>	PROPOSED INDEX CONTOUR
<b>— 1244 —</b>	PROPOSED INTERMEDIATE CONTOUR
	PROPOSED STORM INLET
	PROPOSED F.E.S.
	PROPOSED STORM DRAINPIPE
	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" = 30'  
VERTICAL: 1" = 3'
  - IN THE EVENT OF ANY CONFLICT WITHIN THESE PLANS, THE INFORMATION IN THE PROFILES SHALL GOVERN OVER THE SPOT ELEVATIONS.
  - STATION AND OFFSETS FOR DRAINAGE STRUCTURES ARE TO THE CENTER OF THE STRUCTURE.



**ISSUED FOR BID  
NOT FOR CONSTRUCTION**

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

RYAN B. LORTON	PE-2004017211	1/16/2014
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF JVIATION, INC.		

0.30-H79-Road-C350-STW-R&P.dwg  
Jan 23, 2014 - 2:35pm  
JVIATION



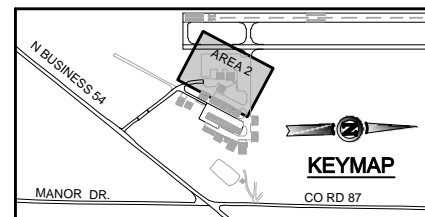
ELDON MODEL AIRPARK  
ELDON, MO.

ISSUE RECORD				
DES: D.W.C.	NO.	BY	DATE	DESCRIPTION
DR: A.P.A.	1	R.B.L.	1/16/2014	ISSUED FOR BID
	2	R.B.L.	1/24/2014	ADDENDUM #1
CH: C.L.G.				
APP: R.B.L.				

REHABILITATE T-HANGAR  
TAXILANES, REHABILITATE  
ENTRANCE ROAD, CONSTRUCT  
NEW PARKING LOT AND  
ENTRANCE ROAD EXTENSION

STORM LINE A PLAN AND PROFILE		
MoDOT PROJ. NO. 13-046A-1	JVIATION PROJ. NO. 2013-H79-01	DATE: 1/16/2014

SHEET NAME
C350
SHEET NO.
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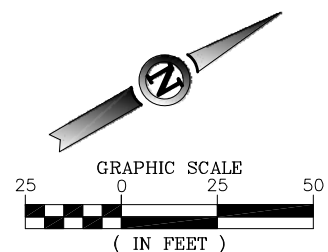
**EROSION CONTROL LEGEND**

- 1125 — EXISTING INDEX CONTOUR
- 1124 — EXISTING INTERMEDIATE CONTOUR
- 1125** PROPOSED INDEX CONTOUR
- 1124 — PROPOSED INTERMEDIATE CONTOUR
- GRADING LIMITS
- SURFACE ROUGHENING
- SEED AREA WITH HYDRO MULCH
- INLET PROTECTION
- DITCH CHECKS

The legend also includes symbols for:

- SR (Sedimentation Runoff)
- SM (Sedimentation Management)
- A rectangular box with four arrows pointing outwards (likely for a specific erosion control measure).
- IP (Inlet Protection)
- DC (Ditch Check)
- A square symbol with a cross inside.
- A solid black rectangle.

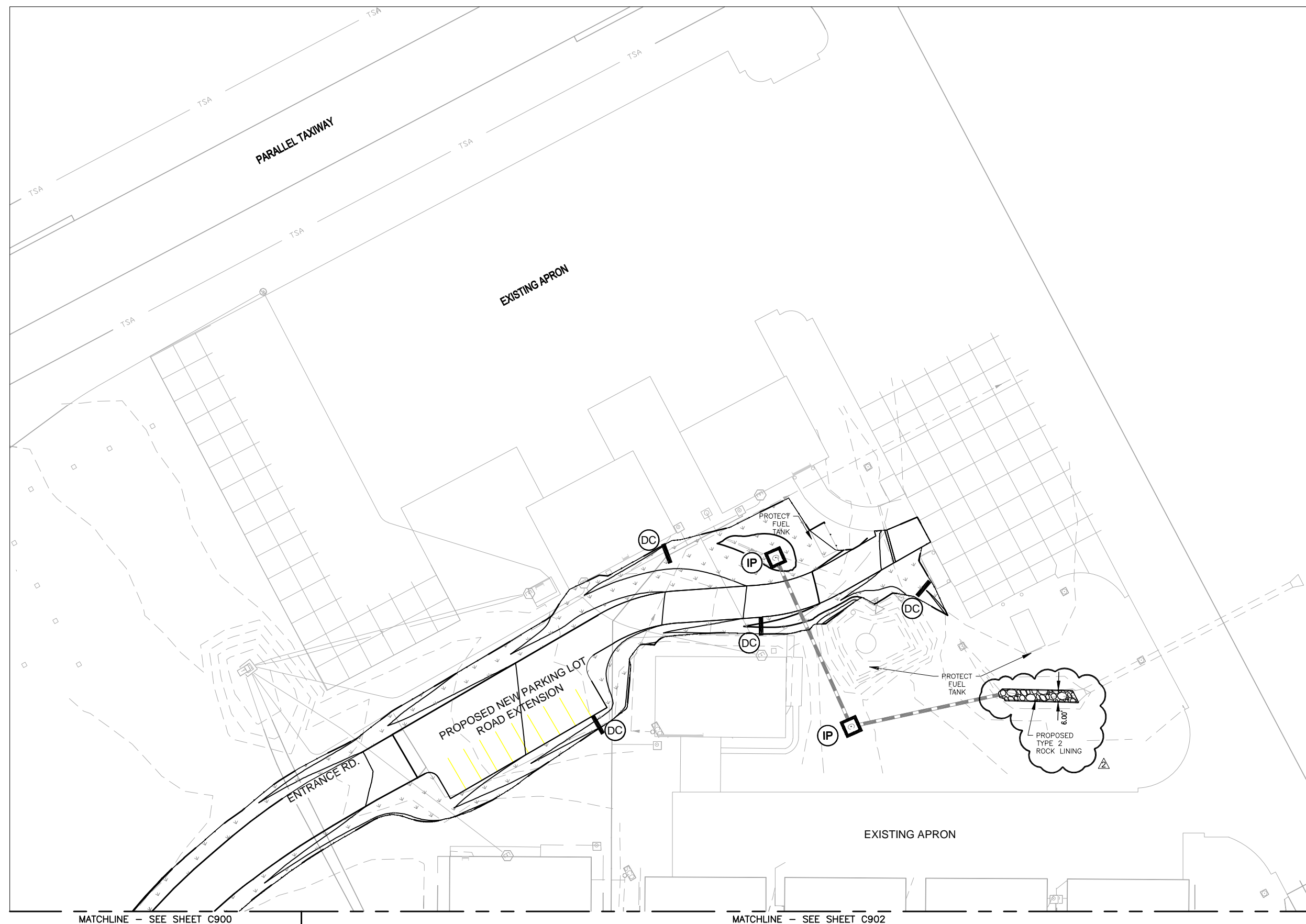
- ## NOTES:
1. CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED BY THEIR OPERATIONS OUTSIDE OF THE GRADING LIMITS AT THEIR OWN EXPENSE. THIS INCLUDES, BUT IS NOT LIMITED TO, MINOR GRADING, TOPSIDING, TEMPORARY AND PERMANENT EROSION CONTROL MEASURES.
  2. ENGINEER IDENTIFIED STAGING AREA, STOCKPILE AREAS, AND HAUL ROUTES SHALL BE RESTORED AS DESCRIBED ABOVE, AND AT THE DISCRETION OF THE ENGINEER. NO ADDITIONAL COST TO THE SPONSOR SHALL BE INCURRED FOR THESE WORK ITEMS.
  3. EROSION CONTROL SHALL BE INCIDENTAL TO OTHER BIOTEC WORK ITEMS.
  4. SEEDING SHALL BE PERFORMED IN ALL DISTURBED AREAS.
  5. EROSION CONTROL IS INCIDENTAL TO ALL PROJECT PAINT WORK ITEMS.



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NOT FOR CONSTRUCTION

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USE AND ARE NOT A RECORD SET AS  
DEFINED BY LAW. THE RECORD SETS  
ARE SIGNED AND SEALED BY:

RYAN B. LORTON	PE-2004017211	1/16/2014
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF JVIATION, INC.		



\\Projects\1919\G00\Rhab Est Rd-T-Hwy-2\1919\090-H79-Rhab-C900-EROS.dwg  
Jan 23, 2014 - 2:35pm  
downway

# AVIATION®

ELDON MODEL AIRPARK  
ELDON, MO.

DES: D.W.C.
DR: A.P.A.
CH: C.L.G.
APP: R.B.L.

ISSUE RECORD			
NO.	BY	DATE	DESCRIPTION
1	R.B.L.	1/16/2014	ISSUED FOR BID
2	R.B.L.	1/24/2014	ADDENDUM #1

REHABILITATE T-HANGAR  
TAXILANES, REHABILITATE  
ENTRANCE ROAD, CONSTRUCT  
NEW PARKING LOT AND  
ENTRANCE ROAD EXTENSION

EROSION CONTROL PLAN  
AREA 2

MoDOT PROJ. NO. 13-046A-1	JVIATION PROJ. NO. 2013-H79-01	DATE: 1/16/2014
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SHEET NAME
C901
SHEET NO.
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