

**ADDENDUM NO. 3**

DATE: June 14, 2013

TO: ALL BIDDERS

IFB # **9582**

OWNER: UNIVERSITY OF CENTRAL MISSOURI (UCM)  
PROCUREMENT OFFICE  
102 W. SOUTH STREET  
WARRENSBURG, MO 64093

SUBJECT: Skyhaven Airport Runways, Taxiways, Apron Crack Repair and Seal Coat

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THIS ADDENDUM IS ISSUED AS PART OF THE BID DOCUMENTS FOR THIS BID AND AMENDS ONLY THOSE ITEMS SPECIFICALLY DEFINED HEREIN. PLEASE ACKNOWLEDGE THE RECEIPT OF THIS ADDENDUM ON THE PRICING PAGE.

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This addendum forms a part of the Bid Documents and modifies the Bidding Documents dated May 31, 2013 with clarification noted below.

In preparing bids, the Bidder shall take into consideration the following items. Information shown herein supersedes requirements issued under previous date.

**All Documents:**

**Change from:** MO-620c – Temporary Airport Pavement Markings (Black)

**Change to:** MO-620c – Permanent Airport Pavement Markings (Black)

**Bid Proposal:**

**Replace Schedule I Bid Proposal with attached Schedule I Bid Proposal**

**Plan Sheets:**

**Replace Sheet 2 of 17 (G002) with attached Sheet 2 of 17 (G002)**

**Replace Sheet 6 of 17 (G006) with attached Sheet 6 of 17 (G006)**

**By the order of:**

**Roderick M. Woolen  
Buyer of Record**

**BASE BID: SCHEDULE I BID PROPOSAL**

Item No.	Description		Units	Estimated Quantity	Unit Price	Total
MO-100a	MOBILIZATION	at the unit price of: dollars and _____cents.	LS	1	\$	\$
MO-620a	TEMPORARY AIRPORT RUNWAY PAVEMENT MARKING (WHITE)	at the unit price of: dollars and _____cents.	SF	30,861	\$	\$
MO-620b	TEMPORARY AIRPORT TAXIWAY PAVEMENT MARKING (YELLOW)	at the unit price of: dollars and _____cents.	SF	6,593	\$	\$
MO-620c	PERMANENT AIRPORT PAVEMENT MARKING (BLACK)	at the unit price of: dollars and _____cents.	SF	1,700	\$	\$
MO-620d	PERMANENT AIRPORT RUNWAY PAVEMENT MARKING (WHITE)	at the unit price of: dollars and _____cents.	SF	30,861	\$	\$
MO-620e	PERMANENT AIRPORT TAXIWAY PAVEMENT MARKING (YELLOW)	at the unit price of: dollars and _____cents.	SF	6,593	\$	\$
MO-620f	PAVEMENT MARKING REMOVAL	at the unit price of: dollars and _____cents.	SF	39,154	\$	\$
MO-622a	CRACK AND JOINT SEALING	at the unit price of: dollars and _____cents.	LF	35,000	\$	\$
MO-623a	PAVEMENT FRICTION SEALCOAT SURFACE TREATMENT	at the unit price of: dollars and _____cents.	SY	100,213	\$	\$
P-601a	MAJOR CRACK REPAIR	at the unit price of: dollars and _____cents.	LF	7,200	\$	\$
P-601b	PARTIAL DEPTH REPAIR	at the unit price of: dollars and _____cents.	SY	581	\$	\$

**SCHEDULE I TOTAL \$** \_\_\_\_\_

## GENERAL NOTES

1. ALL QUANTITIES ARE CONSIDERED APPROXIMATE ONLY. ACTUAL QUANTITIES WILL BE DETERMINED BY THE ENGINEER FROM WORK IN PLACE.
2. CONSTRUCTION WILL BE IN COMPLIANCE WITH FAA ADVISORY CIRCULAR (AC) 150/5370-2F, OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION.
3. CONTRACTOR SHALL HAVE A COPY OF THE CURRENT FAA ADVISORY CIRCULAR AC 150/5340-1K ON SITE AT ALL TIMES. ANY DISCREPANCY BETWEEN INFORMATION SHOWN ON THE PLAN SHEETS AND THE ADVISORY CIRCULAR SHALL BE COORDINATED WITH THE ENGINEER FOR DIRECTION.
4. ALL VEHICLES AND EQUIPMENT WORKING REGULARLY ON THE PROJECT SITE SHALL BE REQUIRED TO BE EQUIPPED WITH STANDARD FAA MARKINGS PER FAA ADVISORY CIRCULAR 150/5210-5 OR BE ESCORTED BY A PROPERLY MARKED VEHICLE. AN ORANGE AND WHITE 3 FOOT BY 3 FOOT FAA STANDARD VEHICLE FLAG MAY BE USED DURING DAYTIME OPERATIONS OR A FLASHING BEACON MAY BE USED AT ANY TIME. FAILURE TO PROVIDE SUCH MARKINGS OR ESCORT FOR ANY EQUIPMENT INSIDE THE AIRPORT PERIMETER FENCE WILL PRECLUDE THAT EQUIPMENT FROM OPERATING ON THE PROJECT. DELAYS CAUSED DUE TO LACK OF CONFORMANCE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. BACKUP ALARMS SHALL BE ADJUSTED FOR SURROUNDING NOISE LEVELS TRITON-HARK ALARM OR APPROVED EQUAL.
5. FOURTEEN DAYS PRIOR TO THE BEGINNING OF WORK, THE CONTRACTOR SHALL SUBMIT A QUALITY CONTROL PLAN WHICH INCLUDES A WORK SCHEDULE AND PROPOSED CONSTRUCTION METHOD CONSISTENT WITH THE PLANS AND SPECIFICATIONS.
6. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS.
7. THE CONTRACTOR SHALL PROVIDE MATERIAL SUBMITTALS FOR THE ENGINEER'S APPROVAL PRIOR TO ORDERING.
8. CONTRACTOR SHALL MINIMIZE DISTURBANCE INCLUDING RUFS PRODUCED BY VEHICLES AND EQUIPMENT WITHIN ALL CONSTRUCTION AREAS. CONTRACTOR SHALL RESTORE TO THERE ORIGINAL CONDITION AND APPROVED BY THE ENGINEER, ALL HAUL ROUTES, STAGING AREAS, AND ANY OTHER AREA DISTURBED BY CONTRACTOR OPERATIONS. ALL COSTS SHALL BE BORNE BY THE CONTRACTOR.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES OR ROADS. REPAIR SHALL BE MADE AT NO ADDITIONAL COST TO THE SPONSOR.
10. THE PROJECT PAY ITEMS PROVIDED ARE TO BE INCLUSIVE OF ALL WORK TO BE PERFORMED AS SHOWN IN THE CONTRACT DOCUMENTS. ALL WORK NOT IDENTIFIED WITH A SPECIFIC PAY ITEM IS TO BE CONSIDERED REQUIRED WORK TO COMPLETE THE PROJECT, AND IS TO BE INCIDENTAL TO THE COST OF PROJECT PAY ITEMS PROVIDED.
11. ALL WASTE MATERIALS SHALL BE REMOVED FROM THE AIRPORT PROPERTY AT NO COST TO THE PROJECT.
12. THE EXISTING FEATURES SHOWN ON THESE PLANS ARE THOSE NOTED IN THE FIELD AND THOSE TAKEN FROM RECORD DRAWINGS. THIS DOES NOT GUARANTEE THAT ALL FEATURES ARE SHOWN ON THE PLANS. THERE WILL BE NO ADDITIONAL PAYMENT TO THE CONTRACTOR DUE TO VARIATIONS IN SIZE, QUANTITY, OR LOCATION OF EXISTING FEATURES.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR MAY UTILIZE THE FOLLOWING TOLL FREE TELEPHONE NUMBER PROVIDED BY "MISSOURI ONE CALL SYSTEM, INC.": 1-800-DIG-RITE. THIS NUMBER IS APPLICABLE ANYWHERE WITHIN THE STATE OF MISSOURI.
14. ALL EXISTING PAVEMENTS, ENTRANCE ROADS, OR ANY OTHER AREAS UTILIZED BY THE CONTRACTOR FOR HAUL ROADS OR STORAGE AREAS SHALL BE MAINTAINED, OR REPAIRED TO A CONDITION EQUAL TO OR BETTER THAN THE CONDITION PRIOR TO DAMAGE, BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AND THE SPONSOR. ALL REPAIR WORK SHALL BE AT THE CONTRACTOR'S EXPENSE. CRAWLER TYPE EQUIPMENT WILL NOT BE ALLOWED ON ANY PAVED SURFACE ON THE AIRPORT. ONLY RUBBER-TIRED VEHICLES, WHICH WILL NOT CAUSE DAMAGE TO THE PAVEMENTS, WILL BE ALLOWED. CONTRACTOR SHALL PROTECT ALL EDGES REGARDLESS OF THE VEHICLE TYPE.
15. THE CONTRACTOR HAUL ROUTES AND STAGING AREAS, AS SHOWN ON THE GENERAL AIRPORT PLAN, ARE SHOWN FOR GENERAL INFORMATION. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
16. THE CONTRACTOR SHALL EXERCISE BEST MANAGEMENT PRACTICES, IN ACCORDANCE WITH THE SPONSOR'S STORM WATER POLLUTION PREVENTION PLAN (SWPPP) THROUGHOUT THE LIFE OF THE PROJECT TO CONTROL WATER POLLUTION.
17. EXTREME CAUTION SHALL BE USED WHEN WORKING NEAR EXISTING LIGHT FIXTURES, UNDERGROUND ELECTRICAL CABLE OR DUCTS, AND ANY OTHER EXISTING AIRPORT FIXTURE. SHOULD DAMAGE OCCUR TO ANY OF THESE ITEMS, THEY WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER. ALL SEAL COAT MATERIAL SHALL BE CLEANED FROM EXISTING FIXTURES, SIGNS, AND ALL OTHER STRUCTURES THAT ARE SPRAYED AT THE CONTRACTOR'S EXPENSE.
18. THE CONTRACTOR SHALL PROVIDE THE NAME AND TELEPHONE NUMBER OF A PERSON TO ACT AS THE CONTRACTOR'S REPRESENTATIVE, AVAILABLE 24 HOURS A DAY, SHOULD PROBLEMS PERTAINING TO THE CONSTRUCTION WORK ARISE, WHICH WOULD REQUIRE THE CONTRACTOR'S IMMEDIATE ATTENTION.
19. HORIZONTAL CONTROL USED FOR THIS PLAN SET IS NOT BASED ON SKYHAVEN AIRPORT CONTROL. ALL STATION OFFSET CALLOUTS ARE BASED ON THE ESTIMATED LOCATION OF THE END OF RUNWAY POINTS.

INDEX TO DRAWINGS		
SHEET NO.	SHEET ID	TITLE
1	G001	COVER SHEET
2	G002	INDEX OF DRAWINGS, GENERAL NOTES AND SUMMARY OF APPROXIMATE QUANTITIES
3	G003	CONSTRUCTION LAYOUT AND SAFETY DRAWING PLAN
4	G004	OVERALL PHASING PLAN
5	G005	CONSTRUCTION PHASING PLAN PHASE 1
6	G006	CONSTRUCTION PHASING PLAN PHASE 2
7	G007	CONSTRUCTION PHASING PLAN PHASE 3
8	C800	SEAL COAT AND PAVEMENT MARKING PLAN AREA 1
9	C801	SEAL COAT AND PAVEMENT MARKING PLAN AREA 2
10	C802	SEAL COAT AND PAVEMENT MARKING PLAN AREA 3
11	C803	SEAL COAT AND PAVEMENT MARKING PLAN AREA 4
12	C804	SEAL COAT AND PAVEMENT MARKING PLAN AREA 5
13	C805	SEAL COAT AND PAVEMENT MARKING PLAN AREA 6
14	C806	SEAL COAT AND PAVEMENT MARKING PLAN AREA 7
15	C807	SEAL COAT AND PAVEMENT MARKING PLAN AREA 8
16	C808	SEAL COAT AND PAVEMENT MARKING PLAN AREA 9
17	C850	PAVEMENT MARKING AND MAJOR CRACK REPAIR DETAILS

SUMMARY OF APPROXIMATE QUANTITIES			
ITEM	DESCRIPTION	UNIT	SCHEDULE I
MO-100	MOBILIZATION	LS	1
MO-620a	TEMPORARY AIRPORT RUNWAY PAVEMENT MARKING (WHITE)	SF	30,861
MO-620b	TEMPORARY AIRPORT TAXIWAY PAVEMENT MARKING (YELLOW)	SF	6,593
MO-620c	PERMANENT AIRPORT PAVEMENT MARKING (BLACK)	SF	1,700
MO-620d	PERMANENT AIRPORT RUNWAY PAVEMENT MARKING (WHITE)	SF	30,861
MO-620e	PERMANENT AIRPORT TAXIWAY PAVEMENT MARKING (YELLOW)	SF	6,593
MO-620f	PAVEMENT MARKING REMOVAL	SF	39,154
MO-622a	CRACK AND JOINT SEALING	LF	35,000
MO-623a	PAVEMENT FRICTION SEALCOAT SURFACE TREATMENT	SY	100,213
P-601a	MAJOR CRACK REPAIR	LF	7,200
P-601b	PARTIAL DEPTH REPAIR	SY	581

ISSUE FOR BID		
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	6/14/13
NAME	REG. NO.	DATE
FOR AND ON BEHALF OF JVIATION, INC.		

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INDEX OF DRAWINGS  
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RUNWAY 18/36, RUNWAY 13/31  
AND ASSOCIATED TAXIWAYS  
AND APRON CRACK SEAL AND  
SEAL COAT

DES: A.P.A.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
DR: A.P.A.	1	R.B.L.	05/31/13	ISSUED FOR BID
	2	R.B.L.	06/14/13	ADDENDUM NO. 3
CH: C.L.G.				
APP: R.B.L.				

APP: R.B.L.

APP: R.B.L.

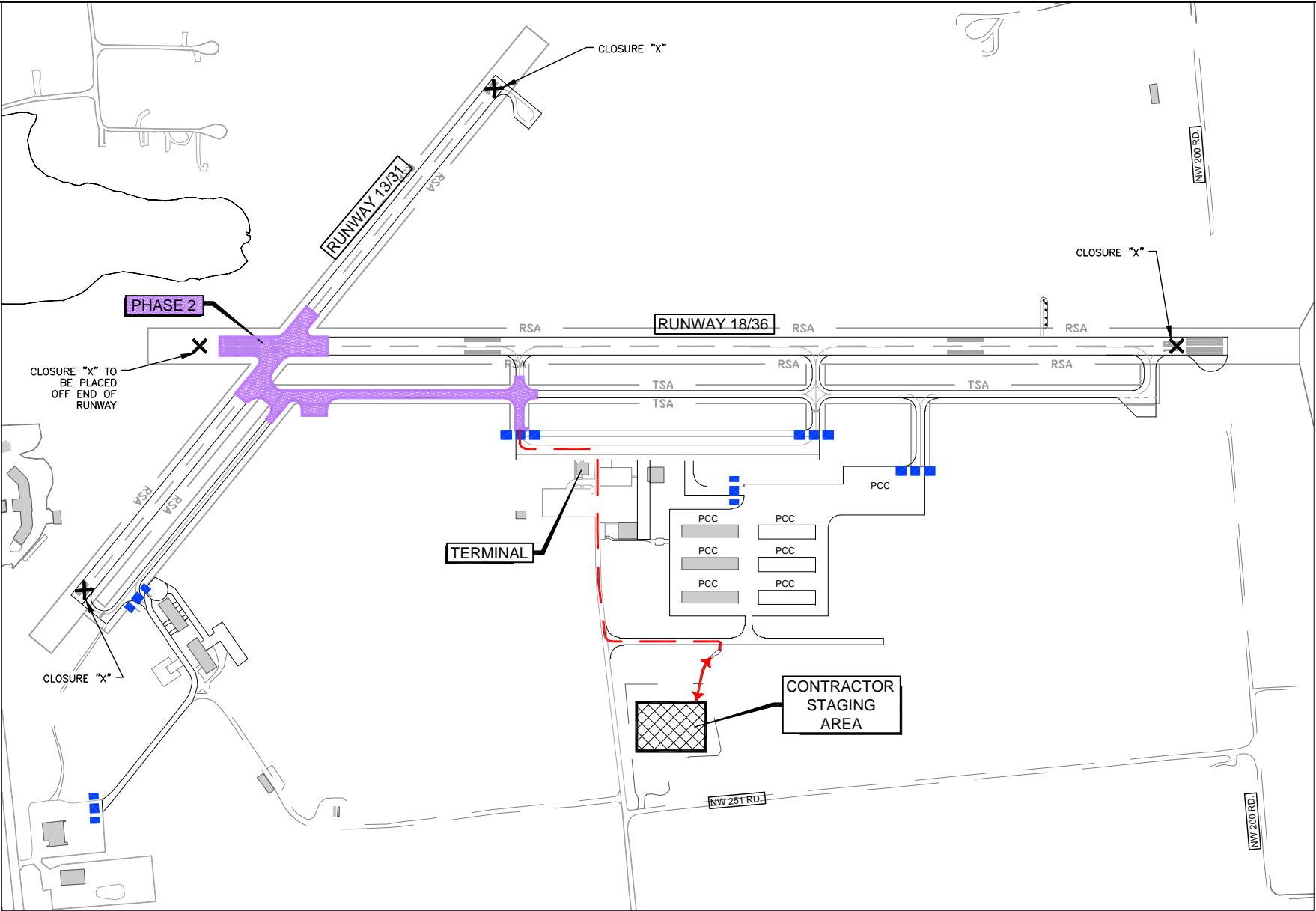
APP: R.B.L.

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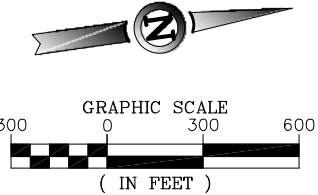
SKYHAVEN AIRPORT  
WARRENSBURG, MISSOURI

# AVIATION®

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Jun 13, 2013 - 2:33pm



PHASES 2 AND 4	MAJOR WORK TO BE COMPLETED	AIRPORT OPERATIONAL NOTES	OTHER NOTES	CONSTRUCTION PHASING LEGEND
<div><div><div></div><div>ALL WORK IN PHASE 2 SHALL BE COMPLETED IN 3 CALENDAR DAYS FROM THE START OF PHASE 2 AND SHALL BE PERFORMED CONCURRENTLY WITH WORK IN PHASE 1.</div></div><div><div>PHASE 2</div><div>ESTIMATED START DATE: SUMMER 2013 3 CALENDAR DAYS</div></div><div><div>PHASE 4 (2 CALENDAR DAYS)</div><div>PERMANENT PAVEMENT MARKINGS IN PHASE 1 AND 2 WORK AREAS SHALL BE COMPLETED IN 1 CALENDAR DAY. PHASE 4 PERMANENT MARKINGS SHALL BE COMPLETED 30 DAYS AFTER THE SEAL COAT APPLICATION.</div></div></div>	<div><div>PHASE 2</div><div>1. OBLITERATE EXISTING MARKINGS AND CLEAN ALL PAVEMENT SURFACES</div><div>2. MAJOR CRACK REPAIRS</div><div>3. CRACK SEAL AND SEAL COAT RUNWAY 18/36, AND RUNWAY 18/ 31 INTERSECTION</div><div>4. INSTALL TEMPORARY PAVEMENT MARKINGS.</div><div>5. PARTIAL DEPTH REPAIRS</div></div> <div><div>PHASE 4 (2 CALENDAR DAYS TOTAL)</div><div>1. INSTALL PERMANENT PAVEMENT MARKINGS.</div></div>	<div><div>1. THE CONTRACTOR SHALL HAVE 24 HOURS PER DAY ACCESS TO RUNWAYS 18/36 AND 13/31 DURING PHASE 2.</div><div>2. IN ADDITION TO BARRICADE PLACEMENTS SHOWN ON PHASING SHEETS G005-G007, CONSTRUCTION BARRICADES SHALL BE INSTALLED AS DIRECTED BY ENGINEER FOR AREAS THAT ARE TEMPORARILY CLOSED TO TRAFFIC DURING PAVEMENT MARKING APPLICATION AND DRY TIME.</div><div>3. THE CONTRACTOR SHALL COORDINATE WITH ANY OTHER CONSTRUCTION ACTIVITY TO APPLY THE PAVEMENT MARKINGS IN AREAS WHERE CONSTRUCTION HAS BEEN OR IS BEING PERFORMED.</div><div>4. ALL OF THE CONTRACTOR'S EQUIPMENT AND ANY FOREIGN OBJECT DEBRIS (FOD) MUST BE REMOVED FROM ALL PAVEMENT SURFACES AND RUNWAY AND TAXIWAY SAFETY AREAS PRIOR TO OPENING.</div><div>5. PHASE 2 SHALL BE PERFORMED CONCURRENTLY WITH PHASE 1</div><div>6. THE CONTRACTOR SHALL HAVE FLAGGERS AVAILABLE WHEN NEEDED TO DIRECT TRAFFIC.</div></div> <div><div>CLOSURES FOR PHASE 2:</div><div>RUNWAY 18/36 - 3 CALENDAR DAYS (CONCURRENT WITH PHASE 1)</div><div>RUNWAY 13/31 - 3 CALENDAR DAYS (CONCURRENT WITH PHASE 1)</div></div>	<div><div>1. A MINIMUM OF 72 HOUR NOTICE SHOULD BE GIVEN TO THE AIRPORT FOR CONSTRUCTION ACCESS ON THE RUNWAY AND ALL TAXIWAYS IN ORDER FOR THE AIRPORT TO ISSUE A NOTAM. IF CLOSURES ARE NOT SCHEDULED PROPERLY AND IN WRITING, THE CONTRACTOR MAY NOT HAVE ACCESS TO THE DESIRED WORK AREA AND IN NO WAY IS THIS A VALIDATION FOR ADDITIONAL CALENDAR DAYS.</div><div>2. UNICOM 123.0 MHZ.</div><div>3. A SWEEPER OR OTHER APPROVED EQUIPMENT SHALL BE AVAILABLE AT ALL TIMES TO CLEAN DEBRIS FROM HAUL ROUTE OR AREAS ADJACENT TO CONSTRUCTION.</div><div>4. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO EXISTING AIRFIELD PAVEMENT, LIGHTS OR AREAS ALONG THE HAUL ROUTE.</div><div>5. THE CONTRACTOR SHALL ONLY PARK EQUIPMENT IN THE DESIGNATED STAGING AREA.</div><div>6. THE CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE.</div><div>7. CONTRACTOR SHALL PROVIDE TEMPORARY SIGNAGE TO DIRECT AIRPORT TRAFFIC TO THE TEMPORARY AIRPORT ACCESS ROUTE.</div><div>8. THE CONTRACTOR SHALL NOT PAINT THE TEMPORARY RUNWAY 18/36 MARKINGS DURING PHASE 2 BUT SHALL WAIT UNTIL THE PAINTING ON RUNWAY 18/36 IS COMPLETED AT THE END OF PHASE 3 WORK.</div></div>	<div><div><div></div><div>PHASE 2 / PHASE 4</div></div><div><div></div><div>PHASE 4</div></div><div><div></div><div>PERMANENT PAVEMENT MARKINGS</div></div><div><div></div><div>CONTRACTOR STAGING AREA</div></div><div><div></div><div>TRUCK/HAUL ROUTE</div></div><div><div></div><div>FLASHER BARRICADES SEE DETAIL 1 ON SHEET G004</div></div><div><div></div><div>FLAGGER</div></div><div><div></div><div>CLOSED RUNWAY "X" SEE DETAIL 2 ON SHEET G004</div></div></div>



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Jun 13, 2013 - 2:33pm  
ecloosen

JVIATION®

SKYHAVEN AIRPORT  
WARRENSBURG, MISSOURI

DES: A.P.A.	ISSUE RECORD			
	NO.	BY	DATE	DESCRIPTION
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RUNWAY 18/36, RUNWAY 13/31,  
AND ASSOCIATED TAXIWAYS  
AND APRON CRACK SEAL AND  
SEAL COAT

CONSTRUCTION PHASING PLAN  
PHASE 2

JVIATION PROJ. NO. RCM-LOC-13-01  
DATE: 05/31/13

SHEET NAME  
G006  
SHEET NO.  
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