

PROJECT DESCRIPTION:
243RD STREET RELOCATION

GENERAL CONSTRUCTION SAFETY:

1. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS SET FORTH IN FAA AC 150/5370-2G "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION", WHICH IS INCLUDED IN THE PROJECT MANUAL APPENDIX. CONSTRUCTION SAFETY SHALL BE DISCUSSED DURING THE PRE CONSTRUCTION MEETING AND AT WEEKLY PROJECT MEETINGS.
2. CONTRACTOR IS RESPONSIBLE FOR ALL PUBLIC AND PRIVATE UTILITY LOCATIONS DURING CONSTRUCTION.

CONSTRUCTION EQUIPMENT:

3. ALL CONSTRUCTION EQUIPMENT SHALL BE PARKED IN DESIGNATED STAGING/STORAGE AREAS WHEN NOT IN USE OR OVERNIGHT. ALL BOOMS SHALL BE LOWERED WHEN NOT IN USE.
4. THE EXPECTED MAXIMUM HEIGHT OF CONSTRUCTION EQUIPMENT IS 20 FEET AT ANY LOCATION. THE CONTRACTOR SHALL VERIFY ANY EQUIPMENT HEIGHT MORE THAN 20 FEET AND NOTIFY THE ENGINEER AND OWNER A MINIMUM OF 72 HOURS IN ADVANCE OF ANY CONSTRUCTION THAT REQUIRES EQUIPMENT WITH HEIGHTS OF MORE THAN 20 FEET SO THAT THE APPROPRIATE NOTICE TO AIRMEN (NOTAM) MAY BE ISSUED.
5. ALL EQUIPMENT WORKING ON THE CONSTRUCTION SITE MUST HAVE A ROTATING BEACON AND/OR WARNING FLAG. THE VEHICLE WARNING FLAGS SHALL BE AS PER DETAIL ON SHEET. THE FLAG SHALL BE SECURELY ATTACHED TO THE HIGHEST POINT ON THE CONSTRUCTION EQUIPMENT OR VEHICLE AND BE VISIBLE AT ALL TIMES. AMBER FLASHING BEACONS MOUNTED ON THE HIGHEST POINT OF THE CONSTRUCTION EQUIPMENT OR VEHICLE ARE ALSO REQUIRED TO BE INSTALLED AND OPERATIONAL.
6. VEHICULAR TRAFFIC LOCATED INSIDE OF RUNWAY 32 RPZ MUST HAVE A WORKING TWO-WAY RADIO CONTACT WITH AIRPORT OPERATIONS OR BE ESCORTED BY A PERSON IN RADIO CONTACT. THE DRIVER, THROUGH PERSONAL OBSERVATION, SHOULD CONFIRM THAT NO AIRCRAFT ARE APPROACHING THE VEHICLES POSITION. CONSTRUCTION PERSONNEL MAY OPERATE IN A MOVEMENT AREA WITHOUT TWO-WAY RADIO COMMUNICATION PROVIDED A NOTAM IS ISSUED.

HAUL ROUTES, TRAFFIC CONTROL & ACCESS CONTROL

7. SEE SHEET J.01 FOR ROADWAY TRAFFIC CONTROL PLAN
8. ALL TEMPORARY ACCESS, STORAGE/STAGING AREAS AND ROADS SHALL BE RESTORED TO ORIGINAL CONDITION, INCLUDING TOPSOILING, RESEEDING, IF NECESSARY, AFTER USE BY THE CONTRACTOR.
9. THE CONTRACTOR SHALL PROVIDE, INSTALL, AND MAINTAIN ALL TRAFFIC CONTROL DEVICES AS NECESSARY.
10. THIS LAYOUT IS A MINIMUM REQUIREMENT NECESSARY TO ASSIST THE CONTRACTOR IN DETERMINING THE COST FOR PROVIDING NECESSARY TRAFFIC CONTROL. THE CONTRACTOR MAY ADD ADDITIONAL WARNING DEVICES UPON APPROVAL OF THE ENGINEER.
11. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE OWNER A MINIMUM OF 72 HOURS IN ADVANCE OF ANY PROPOSED CONSTRUCTION WITHIN THE APRON OR TAXIWAY SAFETY AREAS, RUNWAY PROTECTION ZONES, APPROACH AREAS OR REQUIRED CLOSURE AREAS SO THAT THE APPROPRIATE NOTICE TO AIRMEN (NOTAM) MAY BE ISSUED. THE OWNER WILL ALSO ISSUE TIMELY NOTAMS WHICH SPECIFICALLY DETAIL THE CURRENT STATUS OF THE AIRPORT DURING CONSTRUCTION, INCLUDING CLOSURE STATUS. THE NOTAM SHALL INCLUDE THE PROPOSED LOCATION, TIME AND DATE OF COMMENCEMENT OF CONSTRUCTION.
12. AT ALL TIMES, WHILE CONSTRUCTION IS IN PROGRESS, THE CONTRACTOR SHALL HAVE A DESIGNATED PERSON MONITORING THE UNICOM OR CTAF.
13. LIGHTED BARRIERS (FLASHERS) SHALL BE INSPECTED AT DUSK EACH DAY TO ENSURE ALL FLASHERS ARE PROPERLY WORKING.
14. PROMINENTLY MARK OPEN TRENCHES, EXCAVATIONS AND STOCKPILED MATERIALS AND LIGHT THESE OBSTACLES DURING HOURS OF RESTRICTED VISIBILITY AND DARKNESS. CONSTRAIN STOCKPILED MATERIAL TO PREVENT ITS MOVEMENT AS A RESULT OF THE MAXIMUM ANTICIPATED AIRCRAFT BLAST AND FORECAST WIND CONDITIONS.
15. THE CONTRACTOR SHALL NOTIFY AIRCRAFT RESCUE AND FIRE FIGHTING (ARFF) PERSONNEL, MUTUAL AID PROVIDERS AND OTHER EMERGENCY SERVICES IF CONSTRUCTION REQUIRES SHUTTING OFF OR OTHERWISE DISTURBING ANY WATER LINE OR FIRE HYDRANT ON THE AIRPORT OR ADJOINING AREAS AND IF CONTRACTORS WORK WITH HAZARDOUS MATERIAL ON THE AIRFIELD. NOTIFICATION MUST ALSO BE MADE WHEN THE WORK PERFORMED WILL CLOSE OR AFFECT ANY EMERGENCY ROUTES. ALSO MAKE NOTIFICATION WHEN SERVICES ARE RESTORED.

PROJECT DURATION

- COMPLETION OF ALL PHASES OF THE PROJECT SHALL BE COMPLETED NO LATER THAN **JULY 1, 2020**.

PROJECT PHASING

PHASE 1 NOTES:

PHASE 1 WORK ELEMENTS:

- ROAD RELOCATION AND PIPE INSTALLATION FOR ALL AREAS OUTSIDE OF EXISTING ROADWAY RIGHT-OF-WAY

ACTIVE AREAS AFFECTED

- 243RD STREET AND P AVENUE SHALL REMAIN OPEN DURING THIS PHASE.
- IF CONSTRUCTION IS HALTED DURING OR AT COMPLETION OF THIS PHASE FOR WINTER WEATHER, TEMPORARY SEEDING AND MULCH SHALL BE PLACED AS DIRECTED BY THE ENGINEER.

PHASE 2 NOTES:

PHASE 2 WORK ELEMENTS:

- ROAD RELOCATION AND PIPE INSTALLATION INSIDE OF EXISTING ROADWAY RIGHT-OF-WAY AS NECESSARY TO TIE INTO EXISTING ROADWAY AND ALLOW TRAFFIC ON NEW ROADWAY.

ACTIVE AREAS AFFECTED

- 243RD STREET AND P AVENUE SHALL BE CLOSED FOR THE DURATION OF THIS PHASE.

PHASE 2 DURATION

- 243RD STREET AND P AVENUE CLOSURE SHALL BE LIMITED TO 45 CALENDAR DAYS.

PHASE 3 NOTES:

PHASE 3 WORK ELEMENTS:

- REMOVAL OF EXISTING 243RD STREET AND P AVENUE.

ACTIVE AREAS AFFECTED

- RELOCATED 243RD STREET AND P AVENUE SHALL BE OPEN DURING THIS PHASE, UNLESS PHASE IS COMPLETED CONCURRENTLY WITH PHASE 2.

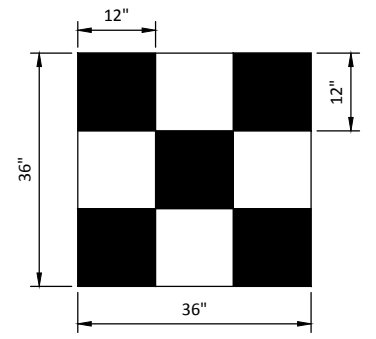
PHASE 3 DURATION

- THIS PHASE MAY BE COMPLETED AT THE SAME TIME AS PHASE 2, BUT 243RD STREET AND P AVENUE CLOSURE SHALL BE LIMITED TO 45 CALENDAR DAYS TOTAL.

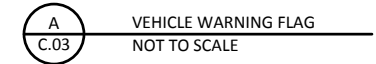
POINT LAT/LONG DATA				
POINT NUMBER	LATITUDE	LONGITUDE	ELEVATION	DESCRIPTION
1	N42°00'15.798"	W94°20'35.192"	1058.4	PROJECT LIMIT
2	N42°00'15.956"	W94°20'15.355"	1045.3	PROJECT LIMIT
3	N42°00'15.423"	W94°19'51.618"	1032.6	PROJECT LIMIT
4	N42°00'08.487"	W94°20'05.853"	1040.2	PROJECT LIMIT
5	N42°00'04.575"	W94°20'19.262"	1050.4	PROJECT LIMIT
6	N42°00'15.157"	W94°20'22.250"	1052.4	STAGING AREA
7	N42°00'15.165"	W94°20'20.265"	1048.9	STAGING AREA
8	N42°00'14.038"	W94°20'20.250"	1047.9	STAGING AREA
9	N42°00'14.023"	W94°20'22.235"	1050.0	STAGING AREA

LEGEND

- CONTRACTORS ACCESS ROUTE
- CONSTRUCTION STAGING/STORAGE
- PHASE 1 CONSTRUCTION
- PHASE 2 CONSTRUCTION
- PHASE 3 CONSTRUCTION



NOTE: FLAG SHALL HAVE A CHECKERED PATTERN OF INTERNATIONAL ORANGE AND WHITE SQUARES



VEHICLE WARNING FLAG
NOT TO SCALE

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DESIGNED	NO.	REVISION	DATE
DJM			
DJM			
CHEKED	CLB		
CLIENT PROJ. NO.			

JEFFERSON MUNICIPAL AIRPORT
RELOCATE GREEN COUNTY ROAD, 243RD STREET
CONSTRUCTION SAFETY & PHASING PLAN

SHEET
C.03