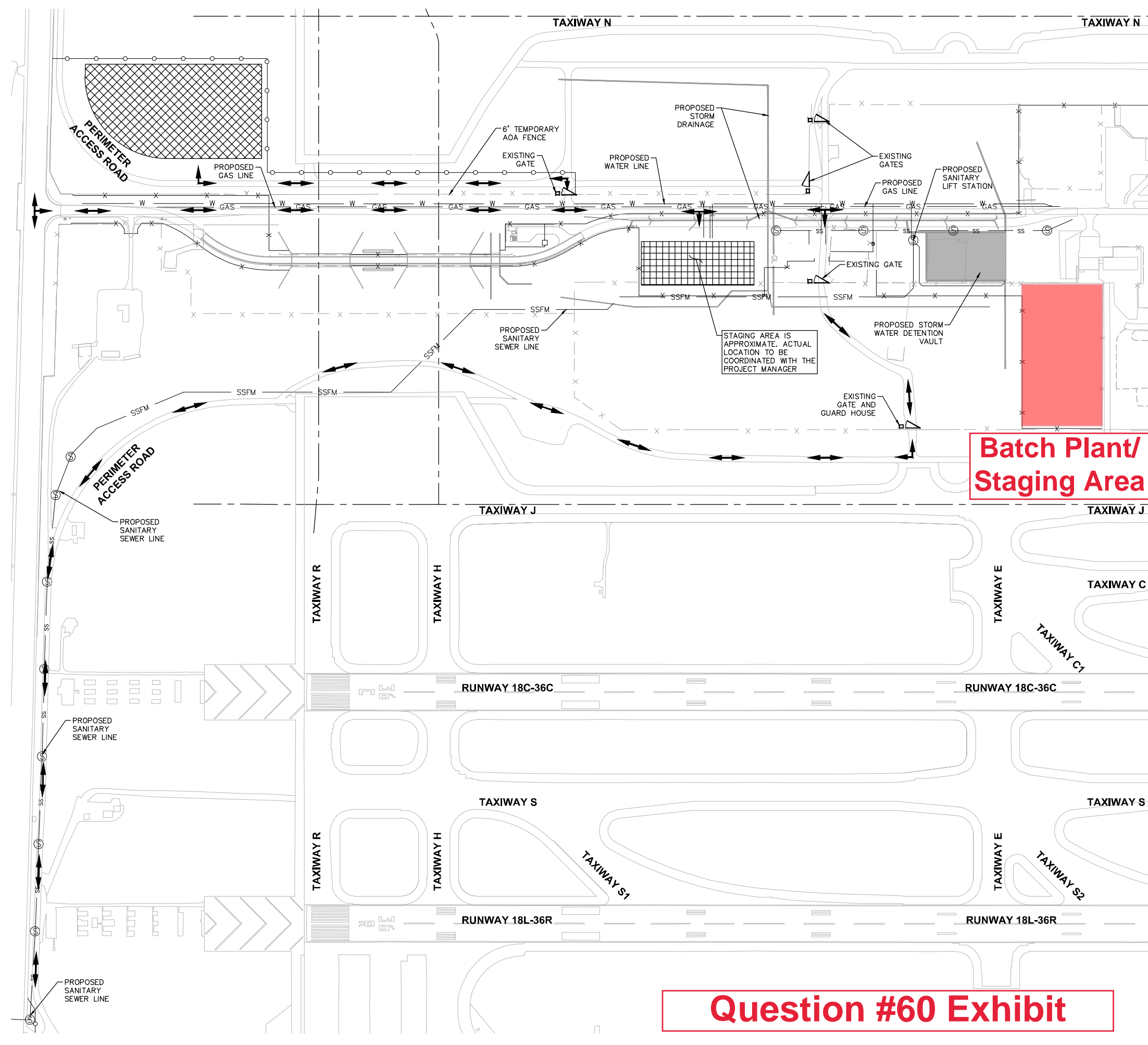


Plotted By: Stella, John Sheet Set: Memphis Glycol Management BP2 Layout: 08-1260-01 G-OP-02 April 06, 2019 02:00:10pm K:\MEM\_Aviation\115010010-MEM\_Glycol\_Mgmt\_Design\Cadd\Plans\08-1260-03\_A\_G-OP-02.dwg



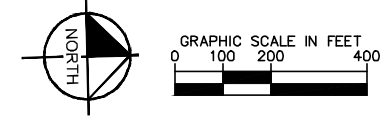
**LEGEND**

- PHASE 1A WORK AREA [Solid Grey Box]
- STAGING AREA [Cross-hatched Box]
- CONTRACTOR STAGING AND BATCH PLANT AREA [Grid-hatched Box]
- CONTRACTOR ACCESS [Double Arrow]
- TYPE 1 BARRICADES [Dashed Line]
- 6' TEMPORARY AOA FENCE [Line with 'x' markers]
- TEMPORARY GATE WITH GUARD HOUSE [Triangle with 'x' marker]

- PHASE 1 NOTES:**
- PHASE 1 GENERALLY CONSIST OF AN ENABLING PHASE WHICH INCLUDES INSTALLATION OF SURFACE RUN-OFF COLLECTION INFRASTRUCTURE, UTILITIES AND SITE PREP WORK FOR SUBSEQUENT PHASED PAVING OPERATIONS.
  - PHASE 1 CONTRACT REQUIRED ITEMS GENERALLY CONSIST OF PRE-CONSTRUCTION CONFERENCES, SECURING NECESSARY PERMITS, ACQUISITION OF ELECTRICAL EQUIPMENT, MOBILIZATION TO SITE AND STAGING AREA SET-UP, CONSTRUCTION OF TEMPORARY AND PERMANENT FENCING AND STAGING AREA ACCESS, AND DEVELOPMENT FOR REVIEW BY THE ENGINEER OF THE FOLLOWING: ASPHALT CONCRETE MIX DESIGNS, QC PLAN, WORK PLANS, PAVING PLAN, SCHEDULE, CONSTRUCTION SAFETY PLAN, MATERIAL SUBMITTALS, AND ELECTRICAL EQUIPMENT SUBMITTALS. REQUIREMENTS FOR THESE ITEMS ARE IDENTIFIED IN MORE DETAIL IN THE PROJECT SPECIFICATIONS AND PLANS.
  - PHASE 1A CONSTRUCTION WORK ITEMS GENERALLY INCLUDE TEMPORARY EROSION AND SEDIMENT CONTROL INSTALLATION, INSTALLATION AND STUB OUT OF UTILITIES (GAS, ELECTRIC, SANITARY, COMMUNICATION, WATER), INSTALLATION OF UNDERGROUND SYSTEM UTILITIES CROSSING LOUIS CARRUTHERS DRIVE, INSTALLATION OF THE GLYCOL/STORMWATER RUNOFF DUAL PURPOSED DETENTION VAULT, AND INSTALLATION OF THE TIE TO THE DUAL 7'X5' BOX CULVERT STORMWATER OUTFLOW FOR THE DEICE APRONS.
  - CONTRACTOR WORK IN RUNWAY, TAXIWAY J, AND TAXIWAY N OBJECT FREE AND SAFETY AREAS ARE TO BE LIMITED TO SURVEY AND OTHER PREPARATORY WORK ITEMS ONLY AND SUBJECT TO APPROVAL BY THE PROGRAM MANAGER. SANITARY SEWER WORK SOUTH OF RUNWAY 18C-36C AND RUNWAY 18L-36R WILL REQUIRE THE USE OF EQUIPMENT THAT WILL NOT RESTRICT AIRCRAFT OPERATIONS ON THE RUNWAY.
  - CONTRACTOR SHALL PROVIDE AT LEAST A 72-HOUR NOTICE FOR REQUEST OF WORK IN THE RUNWAY OR TAXIWAY SAFETY AREAS OR OBJECT FREE AREAS.
  - EXISTING HOLD PADS ALONG TAXIWAY J AND TAXIWAY N WILL BE CLOSED FOR LIMITED PERIODS FOR WORK WITHIN TAXIWAY OBJECT FREE AREAS.
  - PHASE 1B CONSTRUCTION WORK ITEMS GENERALLY INCLUDE THE CONSTRUCTION AND REALIGNMENT OF LOUIS CARRUTHERS DR., TIE OF PROPOSED LOUIS CARRUTHERS DR. WITH THE EXISTING ROADWAY, PRELIMINARY SITE GRADING, INSTALLATION OF PERMANENT A.O.A FENCE AND TRAFFIC CONTROL. CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION WORK INVOLVING LOUIS CARRUTHERS DR. WITH THE PROGRAM MANAGER IN ADVANCE. LOUIS CARRUTHERS DR. MUST REMAIN OPEN TO THROUGH TRAFFIC AT ALL TIMES.
  - ALL WORK WITHIN THE AOA FENCE SHALL BE COORDINATED WITH AND SHALL NOT COMMENCE UNTIL APPROVED BY THE PROGRAM MANAGER. ACCESS TO LOCATIONS INSIDE THE AOA FENCE WILL BE UNDER ESCORT OR AS APPROVED BY THE PROGRAM MANAGER. THE CONTRACTOR, THEIR EMPLOYEES, THEIR SUBCONTRACTORS, AND ALL SUBCONTRACTOR EMPLOYEES ACCESSING THE AOA SHALL FOLLOW ALL AIRPORT RULES AND REGULATIONS REGARDING ACCESS TO THE SECURE AREAS OF THE AIRFIELD.
  - RUNWAY 18L-36R, RUNWAY 18R-36L, RUNWAY 18C-36C, AND ALL TAXIWAYS SHALL REMAIN OPEN FOR AIRCRAFT OPERATIONS FOR THE DURATION OF PHASE 1.
  - CONTRACTOR SHALL PRESERVE ROUTES FOR EMERGENCY ARFF ACCESS TO RUNWAY 36L AND 36C. THESE ROUTES ARE IDENTIFIED AS TAXIWAYS J, M, N, AND S AND ARE IN THE VICINITY OF THE PROJECT WORK SITE.
  - HAUL ROUTES FROM THE CONTRACTOR STAGING AREA TO THE CONSTRUCTION AREA WILL BE VIA EXISTING AOA GATES, EXISTING LOUIS CARRUTHERS DRIVE, AND SERVICE ROADS OFF OF LOUIS CARRUTHERS DR., AS SHOWN ON THE OPERATIONAL PLANS - SEE SHEET SERIES G-OP.
  - REFER TO THE CONTRACT DOCUMENTS FOR APPLICABLE LIQUIDATED DAMAGES.
  - CONTRACTOR SHALL PROTECT ALL ITEMS NOT DESIGNATED FOR REMOVAL.

**Batch Plant/  
Staging Area**

**Question #60 Exhibit**



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**ISSUED FOR BID**

NO.	DESCRIPTION	DATE	BY

PROJECT:  
**GLYCOL MANAGEMENT PROGRAM DEICE FACILITY AIRSIDE CONSTRUCTION**

SHEET TITLE:  
**OPERATIONAL PLAN PHASE 1A**

MSCAA NO.	08-1260-03
DWG. FILE NAME	08-1260-03_A_G-OP-02.DWG
DATE	03/15/2019
SCALE	AS SHOWN
FACILITY NO.	XXXXX
DWG NO.	G-OP-02
SHEET NO.	020 OF 488