16A

# WHITESIDE COUNTY AIRPORT BOARD WHITESIDE COUNTY, ILLINOIS

WH011 **TOTAL SHEETS:** 21



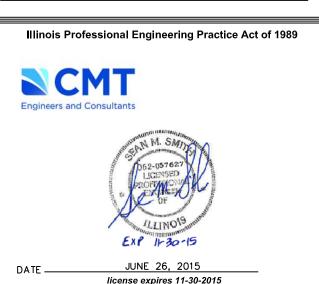
### **DESIGN INFORMATION**

RANGE: 7 EAST

COUNTY: WHITESIDE

AIRPLANE DESIGN GROUP C3 (7/25) AIRPLANE DESIGN GROUP B2 (18/36) (MAXIMUM EQUIPMENT HEIGHT = 25')





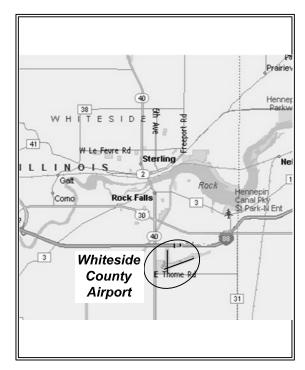
**CONSTRUCTION PLANS FOR** WHITESIDE COUNTY AIRPORT

### **REHABILITATE TAXIWAY A**

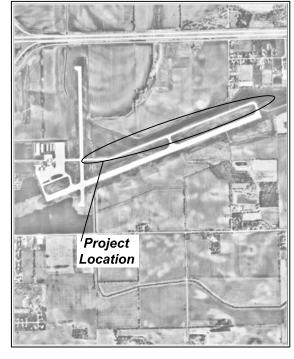
**FINAL SUBMITTAL** 

**ILLINOIS PROJECT: SQI-4110 SBG PROJECT: 3-17-SBGP-XX** 

> **JUNE 26, 2015** (JULY 31, 2015 LETTING)



**LOCATION MAP** 

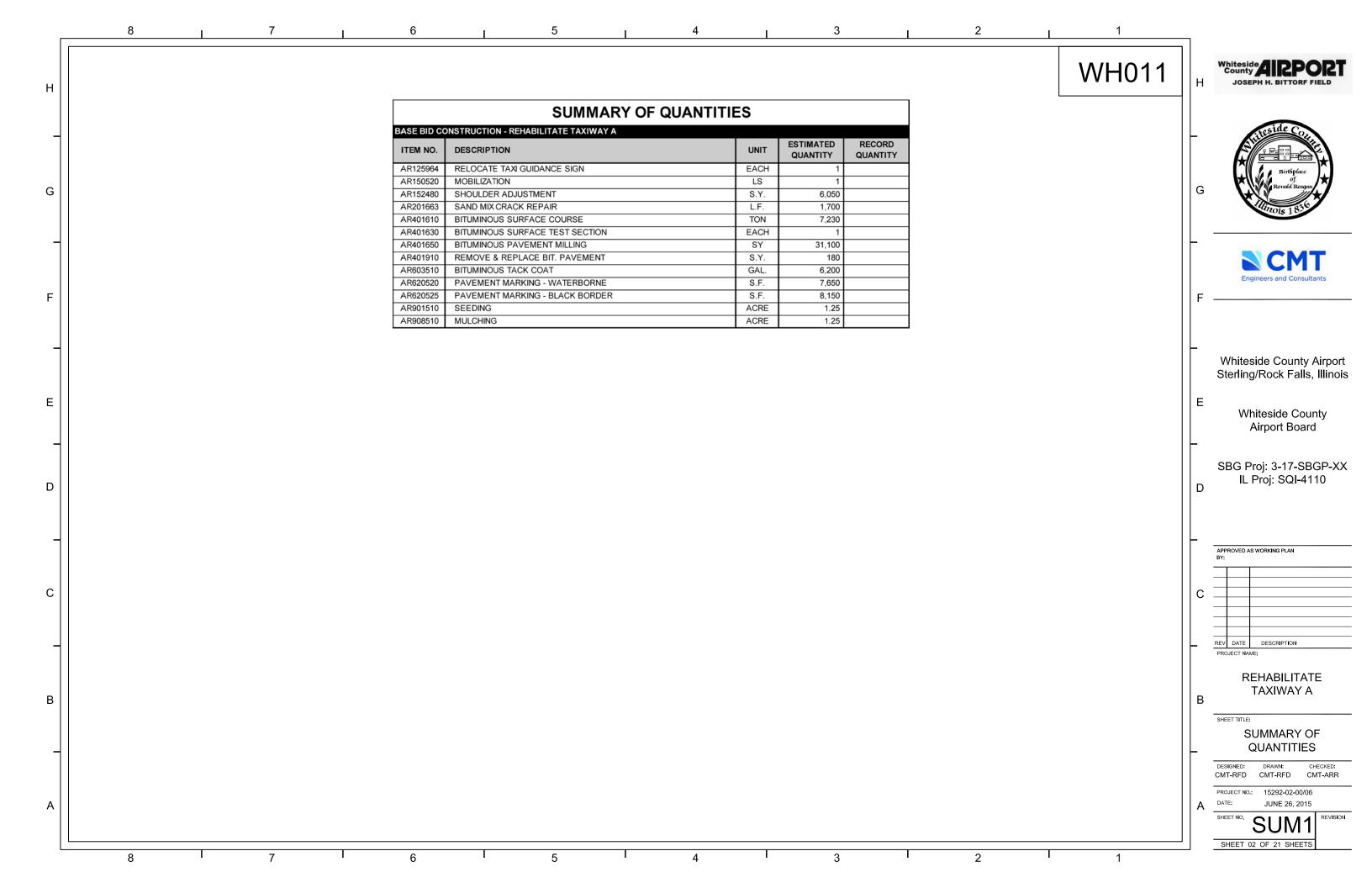


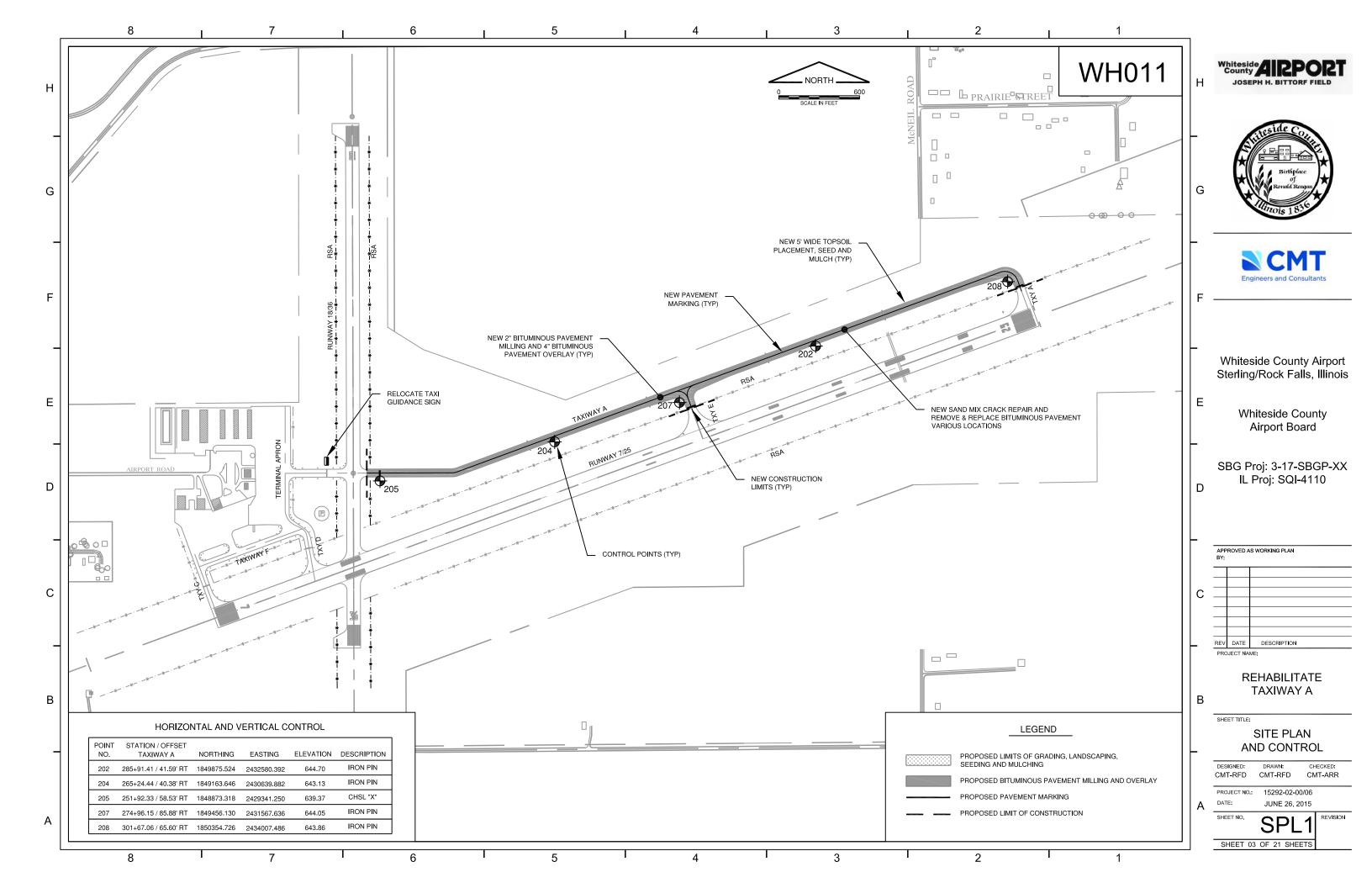
#### **INDEX TO SHEETS**

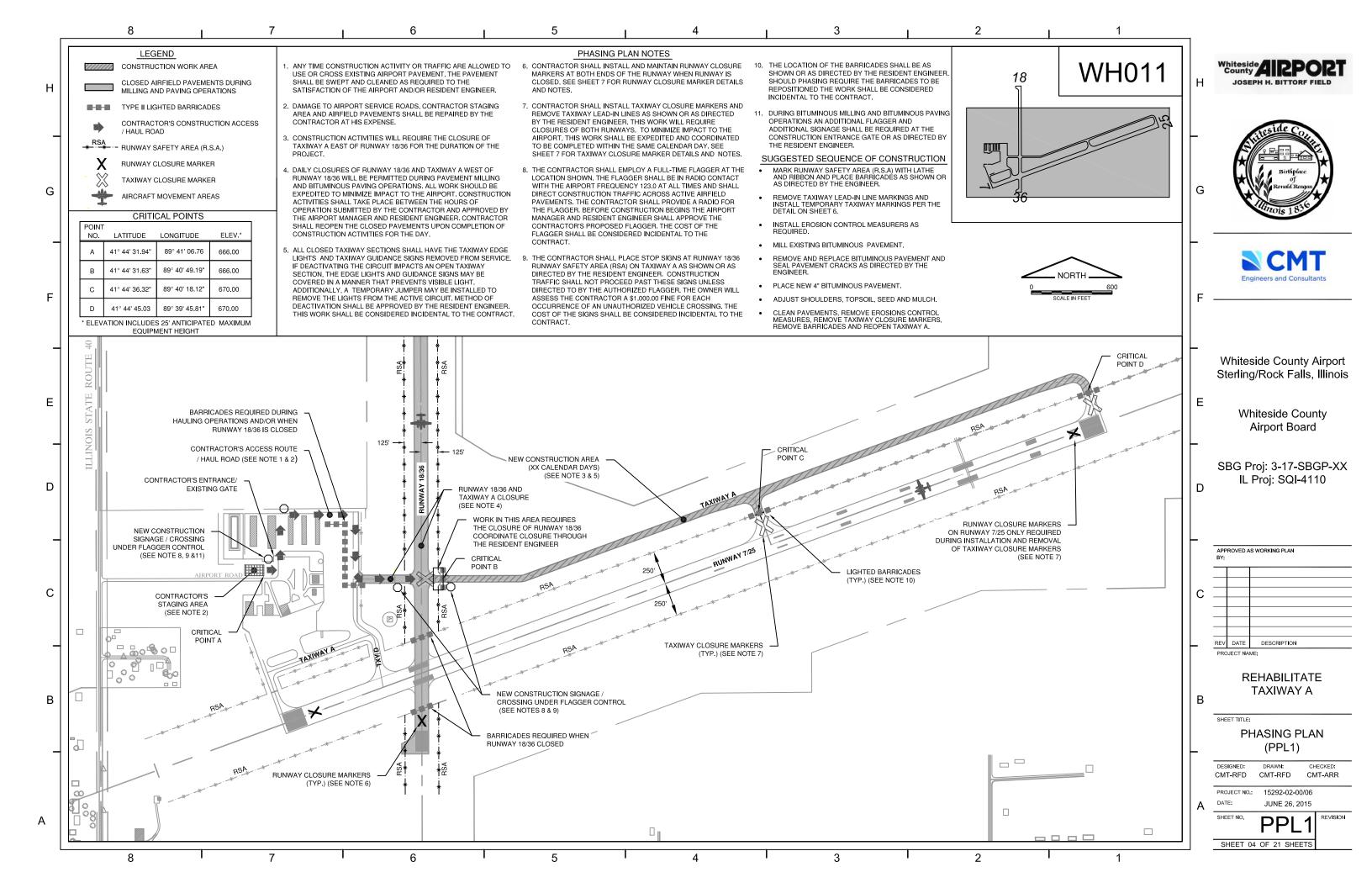
- **COVER SHEET (CVR1)** 1.
- SUMMARY OF QUANTITIES (SUMI)
- SITE PLAN AND CONTROL (SPL1)
- PHASING PLAN SUMMARY (CPS1)
- PHASING PLAN NOTES (CPN1)
- PHASING PLAN DETAILS (CPD1)
- 7. STORMWATER POLLUTION PREVENTION PLAN (SWP1)
- STORMWATER POLLUTION PREVENTION PLAN NOTES (SWN1)
- TYPICAL SECTION (TYPI)
- EXISTING CONDITIONS/PROPOSED **REMOVALS (EXC1)**
- TXY A PLAN AND PROFILE (APP1-5)
- TXY E PLAN AND PROFILE (EPP1)
- TXY A GRADING PLAN (TGP1-2)
- 19-20. MISCELLANEOUS DETAILS (MSC1-2)
- **ENGINEERING INFORMATION (ENG1)**

15292-02-00/06

SITE PLAN







#### 3. AREAS AND OPERATIONS AFFECTED BY THE CONSTRUCTION ACTIVITY

- ALL BUNWAYS TAXIWAYS AND APRONS SHALL BE KEPT OPEN TO AIRCRAFT TRAFFIC DURING CONSTRUCTION EXCEPT AS NOTED ON THE CONSTRUCTION SAFETY AND PHASING PLAN SHEET.
- WHEN CONFLICTS ARISE BETWEEN CONSTRUCTION ACTIVITIES AND AIRCRAFT OPERATIONS AND SAFFTY AIRCRAFT OPERATIONS AND SAFETY SHALL TAKE PRECEDENCE AND SHALL GOVERN. FINAL AUTHORITY IN THE APPROVAL OF CONSTRUCTION SEQUENCING LIES WITH THE AIRPORT
- AIRCRAFT OPERATIONS HAVE THE RIGHT-OF-WAY ON THE AIRFIELD ALL CONSTRUCTION TRAFFIC SHALL IMMEDIATELY YIELD TO ONCOMING AIRCRAFT AT ALL TIMES.
- SHOULD IT BE NECESSARY FOR THE CONTRACTOR TO TEMPORARY RELOCATE EQUIPMENT AT ANY TIME TO ALLOW AN AIRCRAFT TO PASS. THE CONTRACTOR SHALL DO SO IMMEDIATELY AT NO EXTRA COST TO

#### 4. PROTECTION OF NAVIGATION AIDS (NAVAIDS)

THE CONTRACTOR SHALL REMAIN CLEAR OF THE ILS CRITICAL AREAS AND OTHER NAVAIDS FACILITIES AT ALL TIMES.

#### 5. CONTRACTOR ACCESS

- CONTRACTOR ACCESS SHALL BE AS NOTED BELOW AND AS SHOWN ON THE SITE PLAN AND CONSTRUCTION SAFETY AND PHASING PLAN
- THE CONTRACTOR IS TO ACCESS THE SITE LISING THE EXISTING GATE SHOWN. THE ENTRANCE SHALL BE SIGNED ACCORDINGLY AS TO ALLOW ONLY CONSTRUCTION VEHICLES ACCESS AND WILL ONLY BE ACCESSIBLE DURING THE CONTRACTOR'S SCHEDULED WORK DAY. ALL SIGNAGE SHALL CONFORM TO IDOT CONSTRUCTION STANDARDS FOR VEHICLES ENTERING AND LEAVING THE SITE.
- SUPERVISORY PERSONNEL SHALL DEMONSTRATE IN THE PRESENCE OF THE AIRPORT MANAGER THAT THEY ARE FAMILIAR WITH AIRPORT BADIO AND AIRPORT DRIVING PROCEDURES IN ORDER TO PERFORM WORK. OTHER CONSTRUCTION PERSONNEL CAN BE WITHIN THE AIRFIELD LIMITS PROVIDED THAT THEY ARE UNDER ESCORT AND IN THE PRESENCE OF AN AUTHORIZED SUPERVISOR. KNOWLEDGE OF THE AIRPORTS PROCEDURE'S BY THE SUPERVISORY PERSONNEL MUST BE DEMONSTRATED PRIOR TO THE START OF CONSTRUCTION.
- DRIVERS OF TRUCKS CONTAINING MATERIAL DELIVERIES (AGGREGATE, CONCRETE, ETC.) NEED NOT OBTAIN AN AIRPORT ID BADGE BUT SHALL BE REQUIRED TO SUBMIT THEIR NAME, DRIVER'S LICENSE NUMBER. TRUCK LICENSE PLATE NUMBER AND NAME OF TRUCKING COMPANY TO THE PRIME CONTRACTOR PRIOR TO ENTERING THE JOBSITE
- THE CONTRACTOR'S STORAGE AND STAGING AREA WILL BE AS SHOWN IN THE SITE PLAN AND CONSTRUCTION PHASING PLAN.
- THE CONTRACTOR SHALL KEEP A RECORD OF THE NAMES OF ALL EMPLOYEES ENTERING THE JOB SITE ON A DAILY BASIS. A RECORD OF EACH SUBCONTRACTOR ENTERING THE JOB SITE SHALL ALSO BE KEPT BY THE CONTRACTOR
- THE CONTRACTOR'S MATERIAL AND EQUIPMENT, WHEN NOT IN USE, SHALL BE STORED IN THE CONTRACTOR'S STAGING AREA. ALL DELIVERIES, EQUIPMENT REFUELING, EQUIPMENT MAINTENANCE AND EQUIPMENT TRANSFER SHALL TAKE PLACE WITHIN THE CONTRACTOR'S STAGING AREA
- THE CONTRACTOR WILL BE PERMITTED TO STORE EQUIPMENT AND MATERIALS ONLY AT THE LOCATIONS SHOWN. PARKED EQUIPMENT AND MATERIAL STOCKPILES SHALL NOT PENETRATE SUBFACES DEFINED BY F.A.R. TITLE 14 PART 77 - OBJECTS AFFECTING NAVIGABLE AIRSPACE.
- ALL CONSTRUCTION TRAFFIC OPERATING ON OR CROSSING BUNWAYS TAXIWAYS AND APRONS OPEN TO AIRCRAFT TRAFFIC SHALL BE UNDER CONTROL BY A FLAGMAN OR ESCORT IN RADIO CONTACT WITH THE ATCT THE CONTRACTOR SHALL PROVIDE HIS OWN FLAGMEN
- ALL PAVEMENTS DRIVES OR ANY OTHER AREAS LITTLIZED BY THE CONTRACTOR FOR HAUL ROADS, STORAGE AREAS AND/OR STAGING AREAS SHALL BE MAINTAINED AND REPAIRED TO THE SAME CONDITION OR BETTER THAN THEY WERE PRIOR TO BEGINNING CONSTRUCTION NO ADDITIONAL COMPENSATION WILL BE MADE TO THE CONTRACTOR FOR
- ALL VEHICLE AND EQUIPMENT OPERATORS USED BY THE CONTRACTOR SHALL BE PROPERLY TRAINED BY THE CONTRACTOR.

- THE CONTRACTOR SHALL NOTIFY AIRPORT OPERATIONS OR THE RESIDENT ENGINEER IF ANY WILDLIFE IS SEEN ENTERING THE AIRPORT.
- CONTRACTOR ACCESS GATES SHALL REMAIN CLOSED WHEN THE
- THE CONTRACTOR SHALL DISPOSE OF ALL TRASH INCLUDING FOOD SCRAPS IN APPROVED CONTRACTOR PROVIDED CONTAINERS.

#### 7. FOREIGN OBJECT DEBRIS (FOD) MANAGEMENT

- THE CONTRACTOR SHALL PICK UP ANY FOREIGN OBJECT DEBRIS (FOD) SEEN ON THE AIRFIELD PAVEMENTS.
- THE CONTRACTOR SHALL SECURE ALL LOOSE ITEMS FROM VEHICLES PRIOR TO DRIVING ON AIRFIELD PAVEMENTS.

#### 8. HAZARDOUS MATERIALS (HAZMAT) MANAGEMENT

THE CONTRACTOR SHALL DEVELOP A HAZMAT MANAGEMENT PLAN AND KEEP COPIES ON THE JOBSITE OF MATERIAL SAFETY DATA SHEETS (MSDS) FOR ALL MATERIALS HANDLED ON THE JOBSITE

#### 9. NOTIFICATION OF CONSTRUCTION ACTIVITIES

- THE CONTRACTOR SHALL PROVIDE A 24 HOUR EMERGENCY CONTACT PERSON AND PHONE NUMBER
- THE CONTRACTOR SHALL GIVE A MINIMUM OF 72 HOURS NOTICE TO AIRPORT OPERATIONS PRIOR TO CLOSING ANY PAVEMENTS SO THAT PROPER NOTAMS MAY BE ISSUED BY THE AIRPORT
- FOR ANY EQUIPMENT USED BY THE CONTRACTOR WITH A HEIGHT GREATER THAN 25', THE CONTRACTOR SHALL PROVIDE TO THE AIRPORT THE TYPE OF EQUIPMENT, TOTAL HEIGHT, AND LOCATION WHERE THE EQUIPMENT WILL BE USED. THE AIRPORT WILL SUBMIT FAA FORM 7460-1 TO THE FAA FOR AN AIRSPACE STUDY. NO EQUIPMENT WITH A HEIGHT GREATER THAN 25' SHALL BE USED UNTIL A DETERMINATION FROM FAA IS RECEIVED.
- IN THE EVENT OF AN EMERGENCY, THE CONTRACTOR SHALL CALL 911.
- CONTACTS FOR THIS PROJECT ARE AS LISTED BELOW.

(309) 757-1732

ENGINEER
DAN PAPE, P.E. - PROJECT MANAGER

CMT - RESIDENT ENGINEER

(XXX) XXX-XXX (217) 787-8050

#### 10. INSPECTION REQUIREMENTS

- THE CONTRACTOR SHALL INSPECT THE JOBSITE DAILY TO ENSURE COMPLIANCE WITH THE CSPP. THE CHECKLIST FOUND IN APPENDIX 3 OF FAA AC 150/5370-2F MAY BE USED TO AID IN THE INSPECTIONS.
- THE CONTRACTOR SHALL ATTEND AN INSPECTION OF EACH PHASE WORK AREA PRIOR TO OPENING THE AREA TO AIRPORT OPERATIONS.

#### 11. UNDERGROUND UTILITIES

- IT WILL BE NECESSARY FOR THE CONTRACTOR TO MAKE HIS OWN FIELD INVESTIGATION TO DETERMINE THE EXACT LOCATION OF THE UNDERGROURD UTILITIES AT CRITICAL POINTS, SEE SECTION 70-17 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS FOR SPECIFIC REQUIREMENTS. THE LOCATION OF LINDERGROUND LITH ITIES AS INDICATED. ON THE PLANS HAS BEEN OBTAINED FROM EXISTING RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY IN RESPECT TO THE ACCURACY COMPLETENESS OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS SIZE AND TYPE OF MATERIAL OF EXISTING LINDERGROUND UTILITIES AS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED DURING CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY/OWNER OF HIS OPERATIONAL PLANS. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR DETAILED INFORMATION AND ASSISTANCE IN LOCATING UTILITIES. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY. THE OWNER AND THE ENGINEER. ANY SUCH MAINS AND/OR SERVICES DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED IMMEDIATELY AT HIS EXPENSE TO THE SATISFACTION OF THE OWNER AND
- BEFORE INITIATING ANY DIGGING, DRILLING OR EXCAVATING ON THE AIRPORT PROPERTY, THE CONTRACTOR SHALL CALL J.U.L.I.E. AND CONTACT THE LOCAL EAA OFFICE TO ARRANGE FOR LITH ITY LOCATES. SEE SECTION 70-17 OF THE SPECIAL PROVISIONS FOR UTILITY CONTACT INFORMATION.
- SHOULD A UTILITY COMPANY OR GOVEMENT AGENCY BE UNABLE TO LOCATE FACILITIES, THE CONTRACTOR SHALL LOCATE THESE FACILITIES. PAYMENT FOR THIS LOCATION SHALL BE INCIDENTAL TO THE IMPROVEMENTS REQUIRING THE LOCATE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL AIRPORT OWNED UTILITIES AND SHALL BE CONSIDERED INCIDENTAL TO THE

#### 12. PENALTIES

NONCOMPLIANCE BY THE CONTRACTOR WITH AIRPORT RULES AND REGULATIONS OR FAILURE TO COMPLY WITH THE AIRPORT'S APPROVED CSPP AND THE CONTRACTOR'S APPROVED SPCD MAY RESULT IN FINES AS

## WH011

#### 13. SPECIAL CONDITIONS

ADJACENT CONSTRUCTION MAY IMPACT THE OPERATIONS OF THE CONTRACTOR.

#### 14. RUNWAY AND TAXIWAY VISUAL AIDS

RUNWAY OR TAXIWAY CLOSURES ARE AS DETAILED IN THE CONSTRUCTION SAFETY AND PHASING PLAN FOR THIS PROJECT, IF ANY RUNWAY OR TAXIWAY CLOSURES ARE REQUESTED BY THE CONTRACTOR AND APPROVED BY THE AIRPORT, THE CONTRACTOR SHALL USE MARKING, LIGHTING AND SIGNS THAT FOLLOW THE REQUIREMENTS OF FAA AC 150/5370-2F

#### 15. MARKING AND SIGNS FOR ACCESS ROUTES

MARKING AND SIGNAGE FOR THE ACCESS ROUTE SHALL BE AS SHOWN ON THE CONSTRUCTION SAFETY AND PHASING PLAN OR AS DIRECTED BY THE RESIDENT ENGINEER.

#### 16. HAZARD MARKING AND LIGHTING

- THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN MARKINGS AND ASSOCIATED LIGHTING OF OPEN TRENCHES, EXCAVATIONS TEMPORARY STOCKPILES. AND HIS/HER CONSTRUCTION EQUIPMENT
- ALL CONSTRUCTION FOLIPMENT SHALL BE FLAGGED AND/OR LIGHTED IN ACCORDANCE WITH FAA ADVISORY CIRCULAR 150/5370-2F AND 150/5210-5C AT ALL TIMES WHILE OPERATING ON AIRPORT PROPERTY THE MAXIMUM FOUIPMENT HEIGHT IS 25'
- BARRICADES SHALL BE PLACED AT THE LOCATIONS SHOWN ON THE CONSTRUCTION SAFETY AND PHASING PLAN SHEET OR AS DIRECTED BY THE RESIDENT ENGINEER. THE CONTRACTOR SHALL PLACE ALL BARRICADES AND CONSTRUCTION SETBACK LINES ITEMS AS SHOWN PRIOR TO INITIATING WORK IN EACH PHASE. ALL COSTS TO FURNISH, INSTALL, REPOSITION, AND MAINTAIN THESE ITEMS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT
- THE CONTRACTOR SHALL INSPECT THE BARBICADES ONCE DUBING EACH WORK DAY TO INSURE PROPER PLACEMENT AND PROPER OPERATION OF THE RED LIGHTS AND FLAG PLACEMENT.
- ACCESS TO ACTIVE RUNWAY AND TAXIWAY PAVEMENTS SHALL BE SIGNED WITH STOP SIGNS MOUNTED ON TYPE II BARRICADES (2 EACH RIGHT AND LEFT). IN ADDITION TO THE STOP SIGNS, WARNING SIGNS (2 EACH, RIGHT AND LEFT) SHALL BE MOUNTED. WARNING SIGNS SHALL STATE "UNAUTHORIZED ACCESS NOT ALLOWED".

#### 17, PROTECTION

CONTRACTOR PERSONNEL, VEHICLES, EQUIPMENT AND BARRICADES SHALL NOT BE ALLOWED WITHIN THE TAXIWAY OBJECT FREE AREA (TOFA) OF ACTIVE TAXIWAYS AND THE RUNWAY SAFETY AREA (RSA) OF ACTIVE BLINWAYS

#### 18. OTHER LIMITATIONS ON CONSTRUCTION

- IF, DURING CONSTRUCTION, AN EMERGENCY IS DECLARED BY THE AIRPORT THE CONTRACTOR SHALL IMMEDIATELY CLEAR THE PAVEMENT OF ALL VEHICLES, PERSONNEL AND EQUIPMENT.
- THE CONTRACTOR SHALL KEEP ALL TRUCKS, EQUIPMENT AND MATERIALS OFF OF THE EXISTING RUNWAYS AND TAXIWAYS OUTSIDE OF THE PROJECT LIMITS EXCEPT AS SHOWN OR WITH THE PRIOR PERMISSION OF THE RESIDENT ENGINEER. SHOULD THE CONTRACTOR TRACK ANY DEBRIS ONTO EXISTING PAVEMENTS, THIS DEBRIS SHALL BE REMOVED IMMEDIATELY WITH A PICK UP SWEEPER A PICK UP SWEEPER SHALL BE REQUIRED TO BE ON SITE AND OPERATE DURING ALL CONSTRUCTION OPERATION WORKING HOURS
- THE CONTRACTOR SHALL PROVIDE WASTE RECEPTACLES THROUGHOUT THE WORK ZONE AND MAINTAIN SANITARY FACILITIES FOR EMPLOYEES TO USE. FACILITIES WITHIN THE HANGARS/AIRPORT BUILDINGS SHALL NOT BE USED.
- WORK PERFORMED BY THE CONTRACTOR OUTSIDE OF DAYLIGHT HOURS SHALL BE DONE UNDER SUFFICIENT ARTIFICAL AREA LIGHTING TO ALLOW FOR PROPER CONSTRUCTION METHODS AND INSPECTIONS. LIGHT SHALL CONSIST OF MOVEABLE POLE MOUNTED FLOODLIGHTS AND/OR SPOTLIGHTS OF SUFFICIENT NUMBER TO ILLUMINATE WORK AREA. VEHICLE HEADLIGHTS WILL BE ALLOWED ONLY IN ADDITION TO OTHER LIGHTS MENTIONED ABOVE, LIGHTING SHALL BE APPROVED BY THE ENGINEER AND SHALL NOT BE USED IF THEY AFFECT FLIGHT SAFETY.
- THE CONTRACTOR SHALL SUPPLY AND HAVE IN THEIR POSSESSION AT ALL TIMES AT LEAST ONE AIRPORT RADIO. IN THE EVENT THAT THE AIRPORT MANAGER NEEDS TO CONTRACT THE CONTRACTOR DIRECTLY, THE OPERATOR OF SAID RADIO SHALL BE FAMILIAR WITH AIRPORT RADIO PROCEDURES AND TUNED INTO THE GROUND CONTROL EREQUENCY
- BROKEN CONCRETE, BROKEN ASPHALT, AND OTHER MISCELLANEOUS DEBRIS SHALL BE DISPOSED OF OFF AIRPORT PROPERTY, UNLESS OTHERWISE SPECIFIED





G

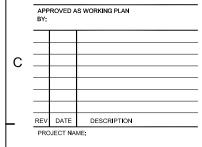
D



Whiteside County Airport Sterling/Rock Falls, Illinois

> Whiteside County Airport Board

SBG Proj: 3-17-SBGP-XX IL Proj: SQI-4110



REHABILITATE TAXIWAY A

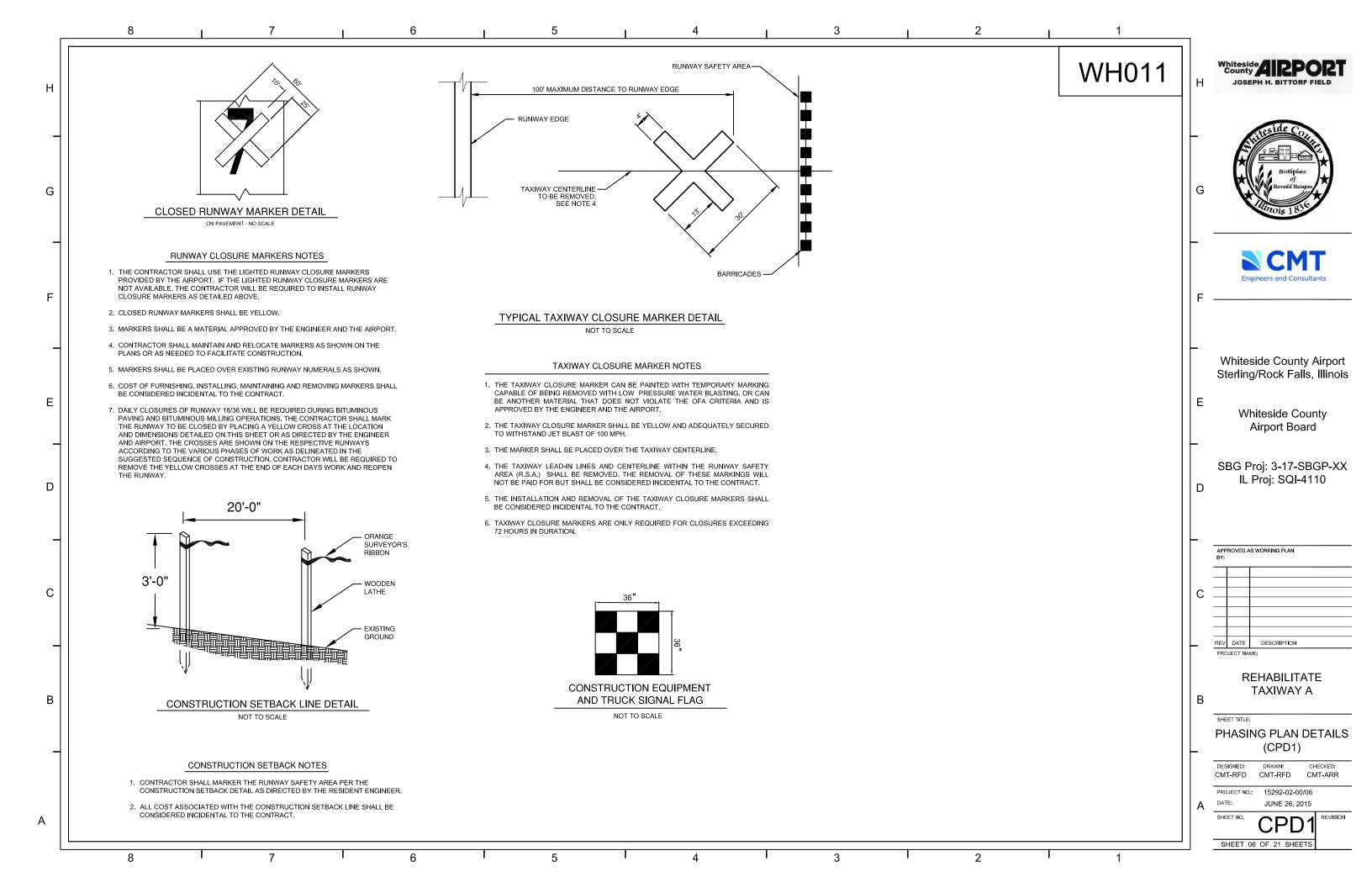
SHEET TITLE:

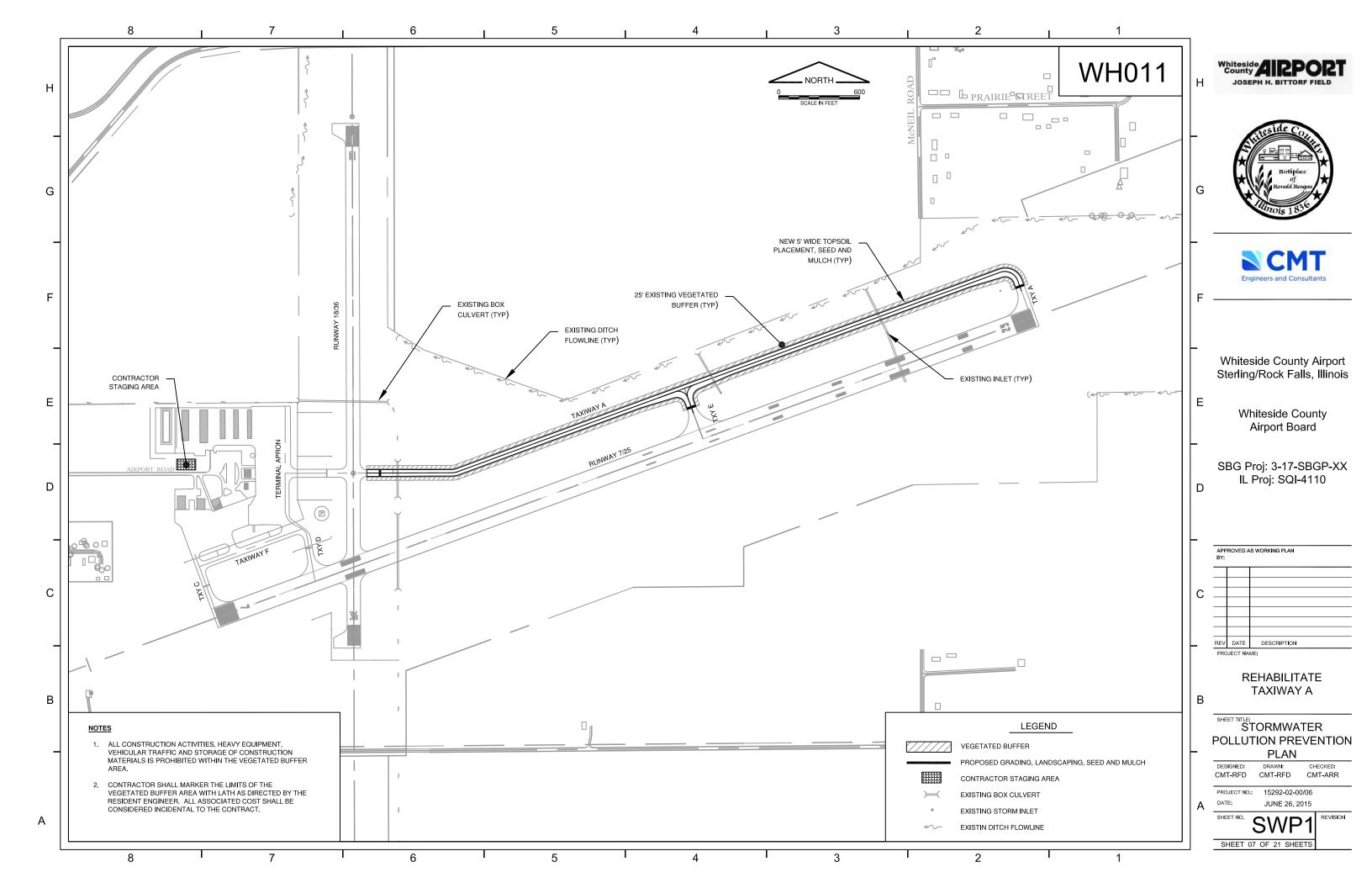
PHASING PLAN NOTES (CPN1)

DRAWN: CHECKED: CMT-RFD CMT-RFD CMT-ARR PROJECT NO.: 15292-02-00/06

DATE: JUNE 26, 2015

REVISION CPN SHEET 05 OF 21 SHEETS





#### STORM WATER POLLUTION PREVENTION PLAN

THE FOLLOWING PLAN IS ESTABLISHED AND INCORPORATED IN THE PROJECT TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE WITH NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE EROSION WITHIN THE CONSTRUCTION SITE AND TO LIMIT SEDIMENTS FROM LEAVING THE SITE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN EROSION CONTROL FACILITIES SHALL BE INSTALLED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION DEPENDING ON THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL INSTALL PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A TIMEFRAME SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER, THEREFORE MINIMIZING THE AMOUNT OF AREA SUSCEPTIBLE TO EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING, WHICH WILL BE THE CONTRACTOR'S COST. THE ENGINEER WILL DETERMINE IF ANY TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT INCLUDED IN THIS PLAN, SHALL BE ADDED. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN ON THE PLANS.

#### SITE DESCRIPTION

Н

G

F

Е

D

C

В

THE FOLLOWING IS A DESCRIPTION OF THE CONSTRUCTION ACTIVITY WHICH IS THE SUBJECT OF THIS PLAN:

THIS PROJECT CONSISTS OF REHABILITATION OF TAXIWAY A AT THE WHITESIDE COUNTY AIRPORT. THE PROJECT INCLUDES PAVEMENT MILLING, PAVEMENT PATCHING, PAVEMENT CONSTRUCTION, TOPSOIL PLACEMENT. LANDSCAPING AND OTHER MISCELLANEOUS CONSTRUCTION WORK.

THE FOLLOWING IS A DESCRIPTION OF THE INTENDED SEQUENCE OF MAJOR ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE, SUCH AS EXCAVATION AND GRADING:

- 1. PLACEMENT, MAINTENANCE, REMOVAL AND PROPER CLEAN-UP OF TEMPORARY EROSION
- CONTROL, SUCH AS PERIMETER SILT FENCE AND INLET PROTECTION.
- 2. TOPSOIL PLACEMENT / FINAL GRADING AND OTHER MISCELLANEOUS ITEMS.
- 3. PLACEMENT OF PERMANENT EROSION CONTROL, SUCH AS SEEDING AND MULCHING.
- 4. REMOVAL OF TEMPORARY EROSION CONTROL / PROTECTION FACILITIES.

#### AREA OF CONSTRUCTION SITE

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 7.70 ACRES OF WHICH 1.21 ACRES WILL BE DISTURBED BY EXCAVATION, GRADING AND OTHER ACTIVITIES.

### OTHER REPORTS, STUDIES AND PLANS WHICH AID IN THE DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN AS REFERENCED DOCUMENTS:

1. INFORMATION OF THE SOILS AND TERRAIN WITHIN THE SITE WAS OBTAINED FROM TOPOGRAPHIC SURVEYS AND SOIL BORINGS THAT WERE UTILIZED FOR THE DEVELOPMENT OF THE PROPOSED TEMPORARY EROSION CONTROL SYSTEMS.

2. PROJECT PLAN DOCUMENTS, SPECIFICATION AND SPECIAL PROVISIONS, AND PLAN DRAWINGS INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER GRADING ACTIVITIES WERE UTILIZED FOR THE PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

#### DRAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF FROM THIS CONSTRUCTION SITE:

THE CONSTRUCTION SITE DRAINS INTO THE ROCK RIVER VIA STORM SEWER SYSTEM, UNION DRAINAGE DISTRICT NO.2 OF MONTMORENCY AND COLOMA AND OVERLAND FLOW.

#### CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROL

DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION

- 1. THE DRAWINGS, SPECIFICATIONS AND SPECIAL PROVISIONS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE SEEDING AND MULCHING AS DIRECTED BY THE ENGINEER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS POSSIBLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
- AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, INLET PROTECTION AND PERIMETER SILT FENCE SHALL BE INSTALLED AS CALLED OUT IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
- 3. THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

#### **DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:**

DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESCRIBED ON THE PLANS AND DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.

- WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.
- EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED, AT THE CONTRACTORS EXPENSE, IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.
- 3. AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEER:
  - A. PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE
  - B. CONSTRUCT DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
  - C. BUILD NECESSARY EMBANKMENT AT CULVERT/STORM SEWER LOCATIONS AND THEN EXCAVATE AND PLACE PIPE.
  - D. EXCAVATED AREAS AND EMBANKMENT AREAS SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEEDED, AT THE CONTRACTOR'S COST, IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR SEVEN DAYS.
- 4. CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
- 5. THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT DAILY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF 1/2 INCH OR GREATER OR EQUIVALENT SNOWFALL AND DURING WINTER SHUTDOWN PERIOD.
- 6. SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR UNCLASSIFIED EXCAVATION AND EROSION CONTROL ITEMS.
- 7. THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR VARIOUS TEMPORARY EROSION CONTROL PAY ITEMS.

#### ALLOWABLE NON-STORM WATER DISCHARGES:

- 1. DISCHARGES FROM FIRE-FIGHTING ACTIVITIES;
- 2. FIRE HYDRANT FLUSHINGS;
- 3. WATER USED TO CONTROL DUST
- 4. POTABLE WATER INCLUDING UNCONTAMINATED WATER LINE FLUSHINGS;
- 5. UNCONTAMINATED GROUND WATER OR SPRING WATER;
- 6. UNCONTAMINATED EXCAVATION DEWATERING;
- LANDSCAPE IRRIGATION;

#### RUNOFF COEFFICIENT AFTER CONSTRUCTION = 0.90

#### MAINTENANCE

WHEN REQUESTED BY THE CONTRACTOR, THE RESIDENT ENGINEER WILL PROVIDE GENERAL MAINTENANCE GUIDES TO THE CONTRACTOR FOR THE PRACTICES ASSOCIATED WITH THIS PROJECT. THE FOLLOWING ADDITIONAL PROCEDURES WILL BE USED TO MAINTAIN, IN GOOD AND EFFECTIVE OPERATING CONDITIONS, THE VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO ATTAIN MAINTENANCE GUIDELINES OF ANY MANUFACTURED BMPS WHICH ARE TO BE INSTALLED AND MAINTAINED PER MANUFACTURE'S SPECIFICATIONS.

- 1. SEEDING WHERE TEMPORARY CESSATION OF THE EARTH DISTURBING ACTIVITIES OCCURS, STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN 1 WORKING DAY IF WORK WILL NOT RESUME FOR A PERIOD EXCEEDING 14 DAYS.
- 2. PERIMETER EROSION BARRIER SEDIMENT WILL BE REMOVED IF THE INTEGRITY OF THE FENCING IS IN JEOPARDY AND ANY FENCE KNOCKED DOWN WILL BE REPAIRED IMMEDIATELY.
- 3. DITCH CHECK SEDIMENT WILL BE REMOVED IF THE INTEGRITY OF THE DITCH CHECK IS IN JEOPARDY. ANY DITCH CHECKS WHICH FAILS WILL BE REPAIRED OR REPLACED IMMEDIATELY.
- 4. INLET PROTECTION/FILTERS SEDIMENT WILL BE REMOVED IF THE INTEGRITY OF THE INLET PROTECTION IS IN JEOPARDY. ANY INLET PROTECTION FILTERS WHICH FAILS WILL BE REPLACED IMMEDIATELY.

### WH01<sup>2</sup>

#### NSPECTIONS:

QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT YET BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES AND EQUIPMENT ENTER AND EXIT THE SITE USING IDOT STORM WATER POLLUTION PREVENTION PLAN EROSION CONTROL INSPECTION REPORT (BC 2259). SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN TWENTY-FOUR (24) HOURS OF THE END OF A STORM OR BY THE END OF THE FOLLOWING BUSINESS OR WORK DAY THAT IS 0.5 INCH OR GREATER OR EQUIVALENT SNOWFALL.

INSPECTIONS MAY BE REDUCED TO ONCE PER MONTH WHEN CONSTRUCTION ACTIVITIES HAVE CEASED DUE TO EROZEN CONDITIONS. WEEKLY INSPECTIONS WILL BECOMMENCE WHEN CONSTRUCTION ACTIVITIES ARE CONDUCTED, OR IF THERE IS 0.5" OR GREATER RAIN EVENT, OR A DISCHARGE DUE TO SNOWMELT OCCURS IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE RESIDENT ENGINEER SHALL NOTICY THE APPROPRIATE IEPA FIELD OPERATIONS SECTION OFFICE BY EMAIL AT: EPA.SWNONCOMP@ILLINOIS.GOV, TELEPHONE OR FAX WITHIN TWENTY-FOUR (24) HOURS OF THE INCIDENT. THE RESIDENT ENGINEER SHALL THEN COMPLETE AND SUBMIT AN "INCIDENCE OF NON-COMPLIANCE" (ION) REPORT FOR THE IDENTIFIED VIOLATION WITHIN FIVE (5) DAYS OF THE INCIDENT. THE RESIDENT ENGINEER SHALL LISE FORMS PROVIDED BY IEPA AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE, ALL REPORTS OF NON-COMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI. G OF THE PERMIT ILR10. THE INCIDENCE OF NON-COMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
ATTN: COMPLIANCE ASSURANCE SECTION
1021 NORTH GRAND EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276ADDITIONAL INSPECTIONS REQUIRED:

#### DESCRIPTION OF STRUCTURAL PRACTICES AFTER FINAL GRADING:

TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS ARE SEEDED AND ESTABLISHED.

ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP, AND DISTURBED TURF RESEEDED.

### MAINTENANCE AFTER CONSTRUCTION CONSTRUCTION IS COMPLETE AFTER FINAL ACCEPTANCE BY THE WHITESIDE COUNTY

AIRPORT. MAINTENANCE UP TO THIS DATE WILL BE REQUIRED BY THE CONTRACTOR.



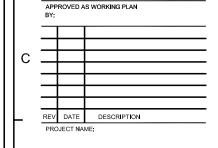




Whiteside County Airport Sterling/Rock Falls, Illinois

Whiteside County Airport Board

SBG Proj: 3-17-SBGP-XX IL Proj: SQI-4110



#### REHABILITATE TAXIWAY A

STORMWATER
POLLUTION PREVENTION

PLAN NOTES

DESIGNED: DRAWN: CHECKED:

CMT-RFD CMT-RFD CMT-ARR

PROJECT NO.: 15292-02-00/06

DATE: JUNE 26, 2015

SWN1

SHEET 8 OF 21 SHEETS

7 6 5 4 3 2

