

ST. CLAIR COUNTY, ILLINOIS
CONSTRUCTION PLANS
FOR



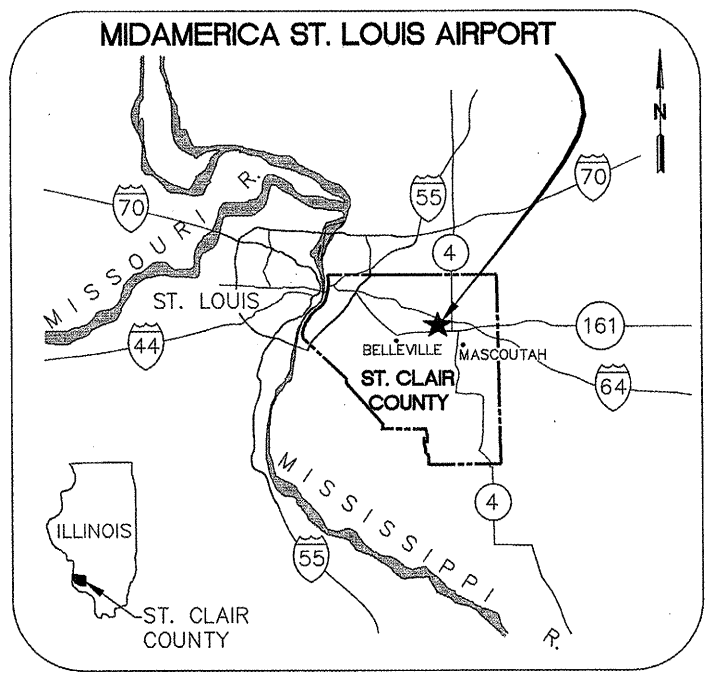
ILLINOIS PROJECT BLV - 3886
A. I. P. PROJECT 3-17-0146-XX

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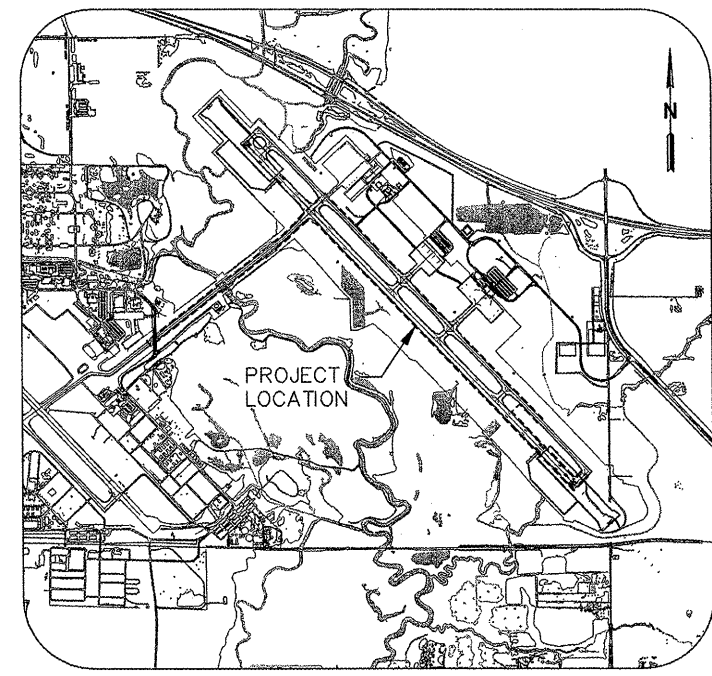
1. COVER SHEET
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9. SHOULDER REPAIR DETAILS

RUNWAY AND TAXIWAY JOINT REPAIR

APRIL 17, 2009



LOCATION MAP



SITE PLAN

811 Know what's below. Call before you dig.
J.U.L.I.E. JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS
www.illinois1call.com

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ACTUAL LOCATIONS OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES OF HIS OPERATIONAL PLANS, OBTAIN FROM RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION AND THE ONE-CALL NOTICE SYSTEM. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH UTILITY OR SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 811.

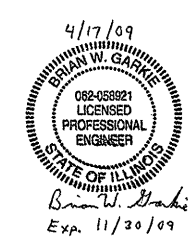
CALL J.U.L.I.E.
BEFORE EXCAVATING
1-800-892-0123

ST. CLAIR COUNTY
MASCOUTAH TOWNSHIP
TOWNSHIP: 1 NORTH
RANGE: 7 WEST
SECTION(S): 1, 12

ST. CLAIR COUNTY
PUBLIC BUILDING COMMISSION
AIRPORT SPONSOR

APPROVED *[Signature]*
CHAIRMAN, PUBLIC BUILDING COMMISSION

DATE 4/16/2009



ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102
(314) 436-5500

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SUBMITTED BY *Brian W. Gaski*

DATE April 17, 2009

CMT JOB NUMBER 09098-01

FILE: \\CA\MidAmerica\CP\0909801...Joint's Urban\Sheets\01_cover.dwg
CREATED: 4/16/09
MODIFIED: 4/16/09
PLOT: 4/16/09
LAST UPDATE:

REVISIONS

NUMBER	BY	DATE

0 1 2
 THIS BAR IS EQUAL TO 2"
 AT FULL SCALE (34X22).
 PLOT 1

SUMMARY OF QUANTITIES

ITEM	DESCRIPTION	UNIT	QUANTITY
AR401900	REMOVE BITUMINOUS PAVEMENT	SY	90
AR501505	5" PCC PAVEMENT	SY	90
AR605540	CLEAN AND SEAL JOINTS	LF	71,100
AR605541	CLEAN AND SEAL CRACKS	LF	330
AR801954	L-893 LIGHTED RUNWAY CLOSURE MARKER	EA	2
AR801964	PCC SPALL REPAIR	SF	500
AR801970	LOW PROFILE LIGHTED BARRICADE	EA	50

**MIDAMERICA ST. LOUIS AIRPORT
 ST. CLAIR COUNTY, ILLINOIS**

RUNWAY AND TAXIWAY JOINT REPAIR

ONE MEMORIAL DRIVE, SUITE 500
 ST. LOUIS, MO 63102
 (314) 438-5500



**IL PROJECT: BLV-3886
 AIP PROJ: 3-17-0146-XX**

FILE: 02_QUANTITIES.dwg

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DRAWN BY: ASA

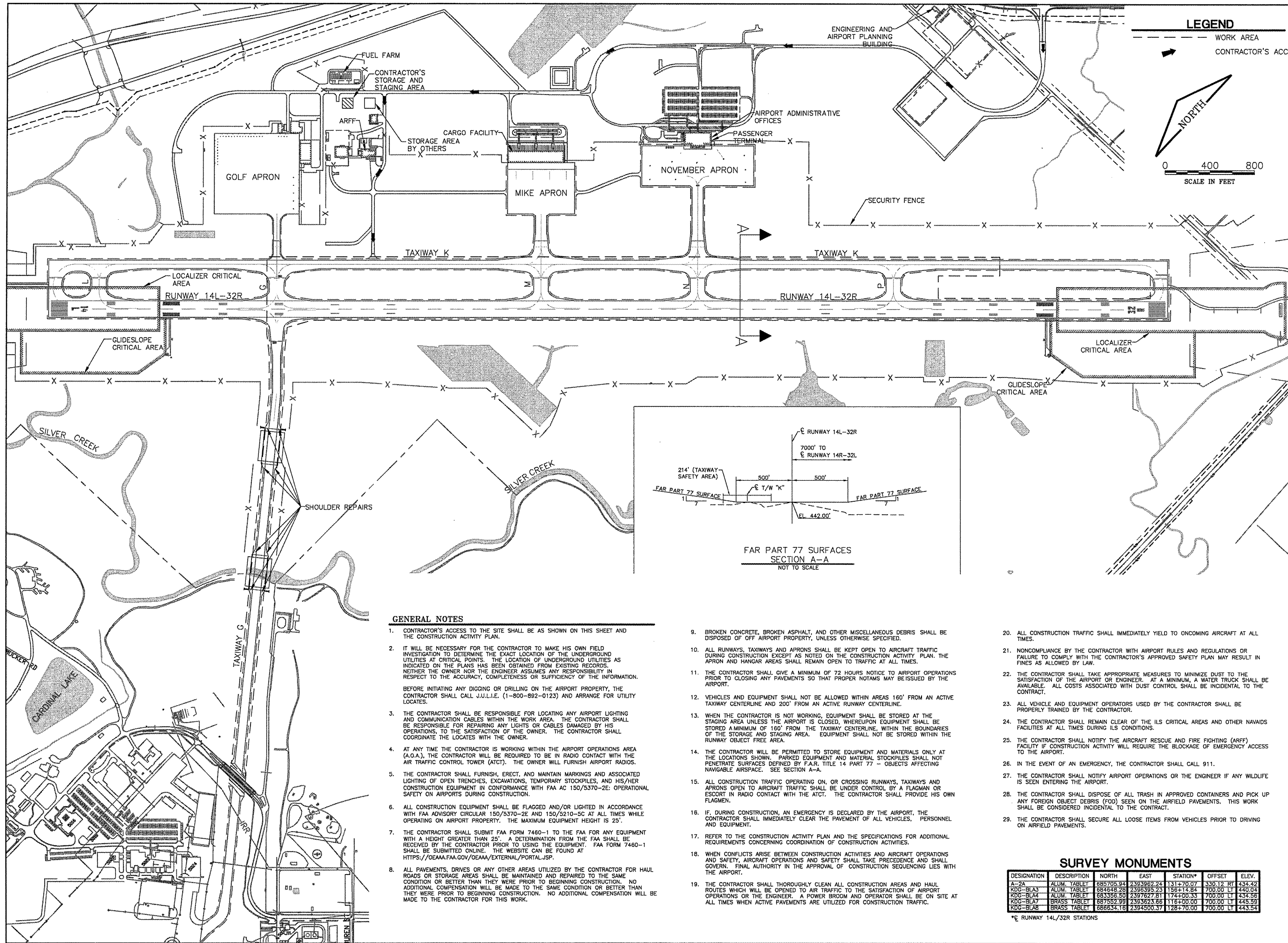
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JOB No: 09098-01

**SUMMARY OF
 QUANTITIES**



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NUMBER	BY	DATE

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**IL PROJECT, BLV-3886
AIP PROJ. 3-17-0146-XX**

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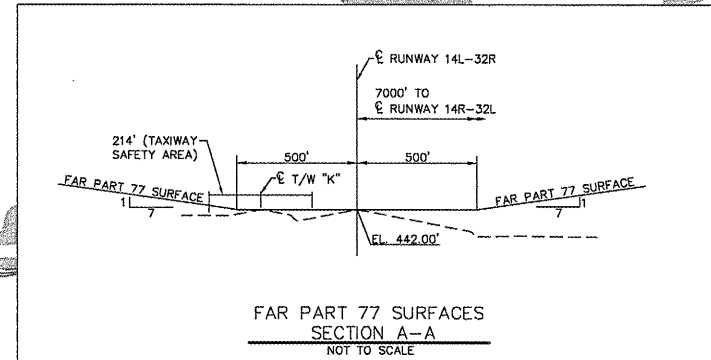
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SITE PLAN

SHEET 3 OF 9 SHEETS

GENERAL NOTES

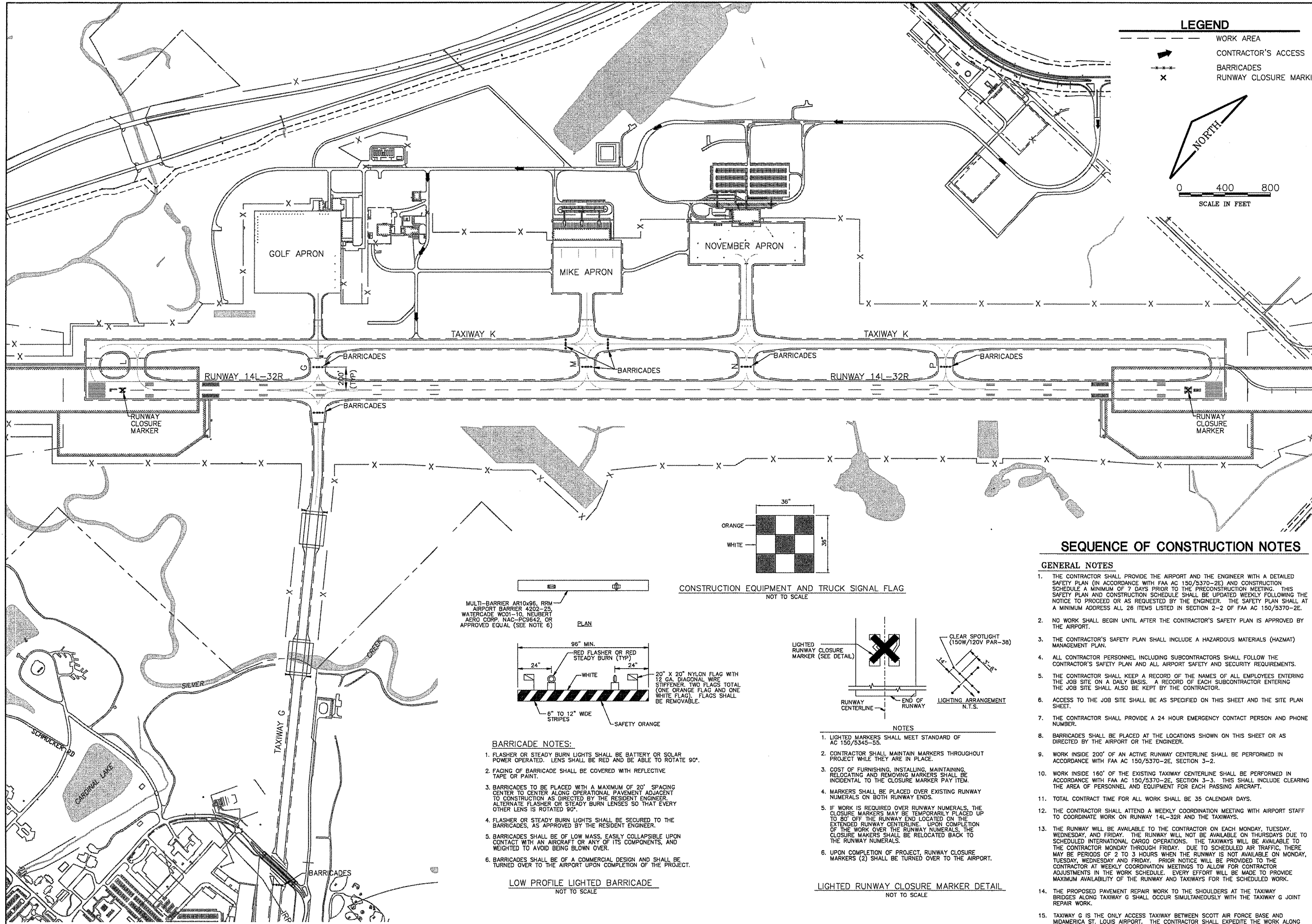
- CONTRACTOR'S ACCESS TO THE SITE SHALL BE AS SHOWN ON THIS SHEET AND THE CONSTRUCTION ACTIVITY PLAN.
- IT WILL BE NECESSARY FOR THE CONTRACTOR TO MAKE HIS OWN FIELD INVESTIGATION TO DETERMINE THE EXACT LOCATION OF THE UNDERGROUND UTILITIES AT CRITICAL POINTS. THE LOCATION OF UNDERGROUND UTILITIES AS 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. BEFORE INITIATING ANY DIGGING OR DRILLING ON THE AIRPORT PROPERTY, THE CONTRACTOR SHALL CALL J.U.L.I.E. (1-800-892-0123) AND ARRANGE FOR UTILITY LOCATES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ANY AIRPORT LIGHTING AND COMMUNICATION CABLES WITHIN THE WORK AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY LIGHTS OR CABLES DAMAGED BY HIS OPERATIONS, TO THE SATISFACTION OF THE OWNER. THE CONTRACTOR SHALL COORDINATE THE LOCATES WITH THE OWNER.
- AT ANY TIME THE CONTRACTOR IS WORKING WITHIN THE AIRPORT OPERATIONS AREA (A.O.A.), THE CONTRACTOR WILL BE REQUIRED TO BE IN RADIO CONTACT WITH THE AIR TRAFFIC CONTROL TOWER (ATCT). THE OWNER WILL FURNISH AIRPORT RADIOS.
- THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN MARKINGS AND ASSOCIATED LIGHTING OF OPEN TRENCHES, EXCAVATIONS, TEMPORARY STOCKPILES, AND HIS/HER CONSTRUCTION EQUIPMENT IN CONFORMANCE WITH FAA AC 150/5370-2E: OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION.
- ALL CONSTRUCTION EQUIPMENT SHALL BE FLAGGED AND/OR LIGHTED IN ACCORDANCE WITH FAA ADVISORY CIRCULAR 150/5370-2E AND 150/5210-5C AT ALL TIMES WHILE OPERATING ON AIRPORT PROPERTY. THE MAXIMUM EQUIPMENT HEIGHT IS 25'.
- THE CONTRACTOR SHALL SUBMIT FAA FORM 7460-1 TO THE FAA FOR ANY EQUIPMENT WITH A HEIGHT GREATER THAN 25'. A DETERMINATION FROM THE FAA SHALL BE RECEIVED BY THE CONTRACTOR PRIOR TO USING THE EQUIPMENT. FAA FORM 7460-1 SHALL BE SUBMITTED ONLINE. THE WEBSITE CAN BE FOUND AT [HTTPS://CEAAA.FAA.GOV/CEAAA/EXTERNAL/PORTAL.JSP](https://ceaaa.faa.gov/ceaaa/EXTERNAL/PORTAL.JSP).
- ALL PAVEMENTS, DRIVES OR ANY OTHER AREAS UTILIZED BY THE CONTRACTOR FOR HAUL ROADS OR STORAGE 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 SAME CONDITION OR BETTER THAN THEY WERE PRIOR TO BEGINNING CONSTRUCTION. NO ADDITIONAL COMPENSATION WILL BE MADE TO THE CONTRACTOR FOR THIS WORK.
- BROKEN CONCRETE, BROKEN ASPHALT, AND OTHER MISCELLANEOUS DEBRIS SHALL BE DISPOSED OF OFF AIRPORT PROPERTY, UNLESS OTHERWISE SPECIFIED.
- ALL RUNWAYS, TAXIWAYS AND APRONS SHALL BE KEPT OPEN TO AIRCRAFT TRAFFIC DURING CONSTRUCTION EXCEPT AS NOTED ON THE CONSTRUCTION ACTIVITY PLAN. THE APRON AND HANGAR AREAS SHALL REMAIN OPEN TO TRAFFIC AT ALL TIMES.
- 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.
- VEHICLES AND EQUIPMENT SHALL NOT BE ALLOWED WITHIN AREAS 160' FROM AN ACTIVE TAXIWAY CENTERLINE AND 200' FROM AN ACTIVE RUNWAY CENTERLINE.
- WHEN THE CONTRACTOR IS NOT WORKING, EQUIPMENT SHALL BE STORED AT THE STAGING AREA UNLESS THE AIRPORT IS CLOSED, WHEREUPON EQUIPMENT SHALL BE STORED A MINIMUM OF 160' FROM THE TAXIWAY CENTERLINE, WITHIN THE BOUNDARIES OF THE STORAGE AND STAGING AREA. EQUIPMENT SHALL NOT BE STORED WITHIN THE RUNWAY OBJECT FREE AREA.
- THE CONTRACTOR WILL BE PERMITTED TO STORE EQUIPMENT AND MATERIALS ONLY AT THE LOCATIONS SHOWN. PARKED EQUIPMENT AND MATERIAL STOCKPILES SHALL NOT PENETRATE SURFACES DEFINED BY F.A.R. TITLE 14 PART 77 - OBJECTS AFFECTING NAVIGABLE AIRSPACE. SEE SECTION A-A.
- ALL CONSTRUCTION TRAFFIC OPERATING ON, OR CROSSING RUNWAYS, 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.
- IF, DURING CONSTRUCTION, AN EMERGENCY IS DECLARED BY THE AIRPORT, THE CONTRACTOR SHALL IMMEDIATELY CLEAR THE PAVEMENT OF ALL VEHICLES, PERSONNEL AND EQUIPMENT.
- REFER TO THE CONSTRUCTION ACTIVITY PLAN AND THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS CONCERNING COORDINATION OF CONSTRUCTION ACTIVITIES.
- WHEN CONFLICTS ARISE BETWEEN CONSTRUCTION ACTIVITIES AND AIRCRAFT OPERATIONS AND SAFETY, AIRCRAFT OPERATIONS AND SAFETY SHALL TAKE PRECEDENCE AND SHALL GOVERN. FINAL AUTHORITY IN THE APPROVAL OF CONSTRUCTION SEQUENCING LIES WITH THE AIRPORT.
- THE CONTRACTOR SHALL THOROUGHLY CLEAN ALL CONSTRUCTION AREAS AND HAUL ROUTES WHICH WILL BE OPENED TO AIR TRAFFIC TO THE SATISFACTION OF AIRPORT OPERATIONS OR THE ENGINEER. A POWER BROOM AND OPERATOR SHALL BE ON SITE AT ALL TIMES WHEN ACTIVE PAVEMENTS ARE UTILIZED FOR CONSTRUCTION TRAFFIC.
- ALL CONSTRUCTION TRAFFIC SHALL IMMEDIATELY YIELD TO ONCOMING AIRCRAFT AT ALL TIMES.
- NONCOMPLIANCE BY THE CONTRACTOR WITH AIRPORT RULES AND REGULATIONS OR FAILURE TO COMPLY WITH THE CONTRACTOR'S APPROVED SAFETY PLAN MAY RESULT IN FINES AS ALLOWED BY LAW.
- THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO MINIMIZE DUST TO THE SATISFACTION OF THE AIRPORT OR ENGINEER. AT A MINIMUM, A WATER TRUCK SHALL BE AVAILABLE. ALL COSTS ASSOCIATED WITH DUST CONTROL SHALL BE INCIDENTAL TO THE CONTRACT.
- ALL VEHICLE AND EQUIPMENT OPERATORS USED BY THE CONTRACTOR SHALL BE PROPERLY TRAINED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL REMAIN CLEAR OF THE ILS CRITICAL AREAS AND OTHER NAVAIDS FACILITIES AT ALL TIMES DURING ILS CONDITIONS.
- THE CONTRACTOR SHALL NOTIFY THE AIRCRAFT RESCUE AND FIRE FIGHTING (ARFF) FACILITY IF CONSTRUCTION ACTIVITY WILL REQUIRE THE BLOCKAGE OF EMERGENCY ACCESS TO THE AIRPORT.
- IN THE EVENT OF AN EMERGENCY, THE CONTRACTOR SHALL CALL 911.
- THE CONTRACTOR SHALL NOTIFY AIRPORT OPERATIONS OR THE ENGINEER IF ANY WILDLIFE IS SEEN ENTERING THE AIRPORT.
- THE CONTRACTOR SHALL DISPOSE OF ALL TRASH IN APPROVED CONTAINERS AND PICK UP ANY FOREIGN OBJECT DEBRIS (FOD) SEEN ON THE AIRFIELD PAVEMENTS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- THE CONTRACTOR SHALL SECURE ALL LOOSE ITEMS FROM VEHICLES PRIOR TO DRIVING ON AIRFIELD PAVEMENTS.



SURVEY MONUMENTS

DESIGNATION	DESCRIPTION	NORTH	EAST	STATION*	OFFSET	ELEV.
LA-2A	ALUM. TABLET	685705.94	2393962.24	131+70.07	330.12 RT	434.42
KDG-BLA3	ALUM. TABLET	684548.28	2393335.23	136+14.84	700.00 LT	440.04
KDG-BLA4	ALUM. TABLET	683358.50	2397627.81	174+00.33	700.00 LT	434.56
KDG-BLA7	BRASS TABLET	687552.99	2393623.66	116+00.00	700.00 LT	445.59
KDG-BLA8	BRASS TABLET	686634.16	2394500.37	128+70.00	700.00 LT	443.54

*C RUNWAY 14L/32R STATIONS



REVISIONS		
NUMBER	BY	DATE

0 1 2
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 ST. CLAIR COUNTY, ILLINOIS**

RUNWAY AND TAXIWAY JOINT REPAIR

ONE MEMORIAL DRIVE, SUITE 500
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 (314) 436-5500

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**IL PROJECT: BLY-3886
 AIP PROJ: 3-17-0146-XX**

FILE: 04_CAP.dwg

DESIGN BY: LEW

DRAWN BY: ASA

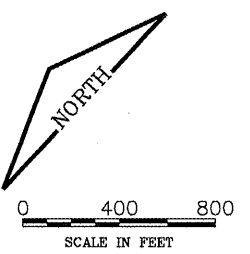
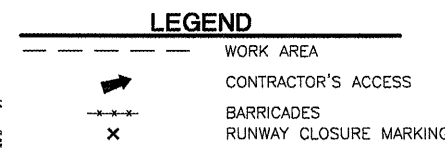
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DATE: APRIL 17, 2009

JOB No: 09098-01

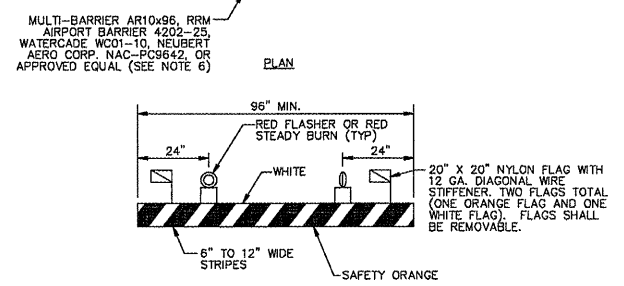
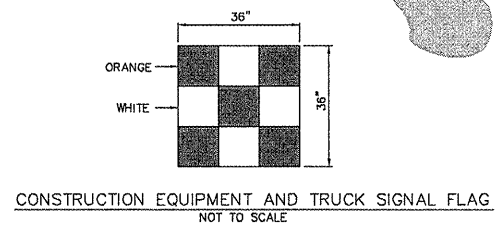
**CONSTRUCTION
 ACTIVITY PLAN**



SEQUENCE OF CONSTRUCTION NOTES

GENERAL NOTES

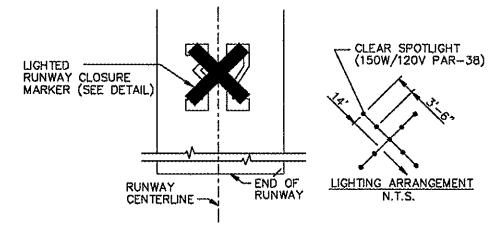
1. THE CONTRACTOR SHALL PROVIDE THE AIRPORT AND THE ENGINEER WITH A DETAILED SAFETY PLAN (IN ACCORDANCE WITH FAA AC 150/5370-2E) AND CONSTRUCTION SCHEDULE A MINIMUM OF 7 DAYS PRIOR TO THE PRECONSTRUCTION MEETING. THIS SAFETY PLAN AND CONSTRUCTION SCHEDULE SHALL BE UPDATED WEEKLY FOLLOWING THE NOTICE TO PROCEED OR AS REQUESTED BY THE ENGINEER. THE SAFETY PLAN SHALL AT A MINIMUM ADDRESS ALL 26 ITEMS LISTED IN SECTION 2-2 OF FAA AC 150/5370-2E.
2. NO WORK SHALL BEGIN UNTIL AFTER THE CONTRACTOR'S SAFETY PLAN IS APPROVED BY THE AIRPORT.
3. THE CONTRACTOR'S SAFETY PLAN SHALL INCLUDE A HAZARDOUS MATERIALS (HAZMAT) MANAGEMENT PLAN.
4. ALL CONTRACTOR PERSONNEL INCLUDING SUBCONTRACTORS SHALL FOLLOW THE CONTRACTOR'S SAFETY PLAN AND ALL AIRPORT SAFETY AND SECURITY REQUIREMENTS.
5. 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.
6. ACCESS TO THE JOB SITE SHALL BE AS SPECIFIED ON THIS SHEET AND THE SITE PLAN SHEET.
7. THE CONTRACTOR SHALL PROVIDE A 24 HOUR EMERGENCY CONTACT PERSON AND PHONE NUMBER.
8. BARRICADES SHALL BE PLACED AT THE LOCATIONS SHOWN ON THIS SHEET OR AS DIRECTED BY THE AIRPORT OR THE ENGINEER.
9. WORK INSIDE 200' OF AN ACTIVE RUNWAY CENTERLINE SHALL BE PERFORMED IN ACCORDANCE WITH FAA AC 150/5370-2E, SECTION 3-2.
10. WORK INSIDE 160' OF THE EXISTING TAXIWAY CENTERLINE SHALL BE PERFORMED IN ACCORDANCE WITH FAA AC 150/5370-2E, SECTION 3-3. THIS SHALL INCLUDE CLEARING THE AREA OF PERSONNEL AND EQUIPMENT FOR EACH PASSING AIRCRAFT.
11. TOTAL CONTRACT TIME FOR ALL WORK SHALL BE 35 CALENDAR DAYS.
12. THE CONTRACTOR SHALL ATTEND A WEEKLY COORDINATION MEETING WITH AIRPORT STAFF TO COORDINATE WORK ON RUNWAY 14L-32R AND THE TAXIWAYS.
13. THE RUNWAY WILL BE AVAILABLE TO THE CONTRACTOR ON EACH MONDAY, TUESDAY, WEDNESDAY, AND FRIDAY. THE RUNWAY WILL NOT BE AVAILABLE ON THURSDAYS DUE TO SCHEDULED INTERNATIONAL CARGO OPERATIONS. THE TAXIWAYS WILL BE AVAILABLE TO THE CONTRACTOR MONDAY THROUGH FRIDAY. DUE TO SCHEDULED AIR TRAFFIC, THERE MAY BE PERIODS OF 2 TO 3 HOURS WHEN THE RUNWAY IS NOT AVAILABLE ON MONDAY, TUESDAY, WEDNESDAY AND FRIDAY. PRIOR NOTICE WILL BE PROVIDED TO THE CONTRACTOR AT WEEKLY COORDINATION MEETINGS TO ALLOW FOR CONTRACTOR ADJUSTMENTS IN THE WORK SCHEDULE. EVERY EFFORT WILL BE MADE TO PROVIDE MAXIMUM AVAILABILITY OF THE RUNWAY AND TAXIWAYS FOR THE SCHEDULED WORK.
14. THE PROPOSED PAVEMENT REPAIR WORK TO THE SHOULDERS AT THE TAXIWAY BRIDGES ALONG TAXIWAY G SHALL OCCUR SIMULTANEOUSLY WITH THE TAXIWAY G JOINT REPAIR WORK.
15. TAXIWAY G IS THE ONLY ACCESS TAXIWAY BETWEEN SCOTT AIR FORCE BASE AND MIDAMERICA ST. LOUIS AIRPORT. THE CONTRACTOR SHALL EXPEDITE THE WORK ALONG TAXIWAY G SO AS TO MINIMIZE THE IMPACT TO AIRPORT OPERATIONS.
16. WHEN RUNWAY 14R-32L IS CLOSED, THE CONTRACTOR SHALL NOT SCHEDULE WORK INSIDE 200' OF THE CENTERLINE OF RUNWAY 14L-32R WITHOUT PRIOR AUTHORIZATION FROM AIRPORT OPERATIONS.



BARRICADE NOTES:

1. FLASHER OR STEADY BURN LIGHTS SHALL BE BATTERY OR SOLAR POWER OPERATED. LENS SHALL BE RED AND BE ABLE TO ROTATE 90°.
2. FACING OF BARRICADE SHALL BE COVERED WITH REFLECTIVE TAPE OR PAINT.
3. BARRICADES TO BE PLACED WITH A MAXIMUM OF 20' SPACING CENTER TO CENTER ALONG OPERATIONAL PAVEMENT ADJACENT TO CONSTRUCTION AS DIRECTED BY THE RESIDENT ENGINEER. ALTERNATE FLASHER OR STEADY BURN LENSES SO THAT EVERY OTHER LENS IS ROTATED 90°.
4. FLASHER OR STEADY BURN LIGHTS SHALL BE SECURED TO THE BARRICADES, AS APPROVED BY THE RESIDENT ENGINEER.
5. BARRICADES SHALL BE OF LOW MASS, EASILY COLLAPSIBLE UPON CONTACT WITH AN AIRCRAFT OR ANY OF ITS COMPONENTS, AND WEIGHTED TO AVOID BEING BLOWN OVER.
6. BARRICADES SHALL BE OF A COMMERCIAL DESIGN AND SHALL BE TURNED OVER TO THE AIRPORT UPON COMPLETION OF THE PROJECT.

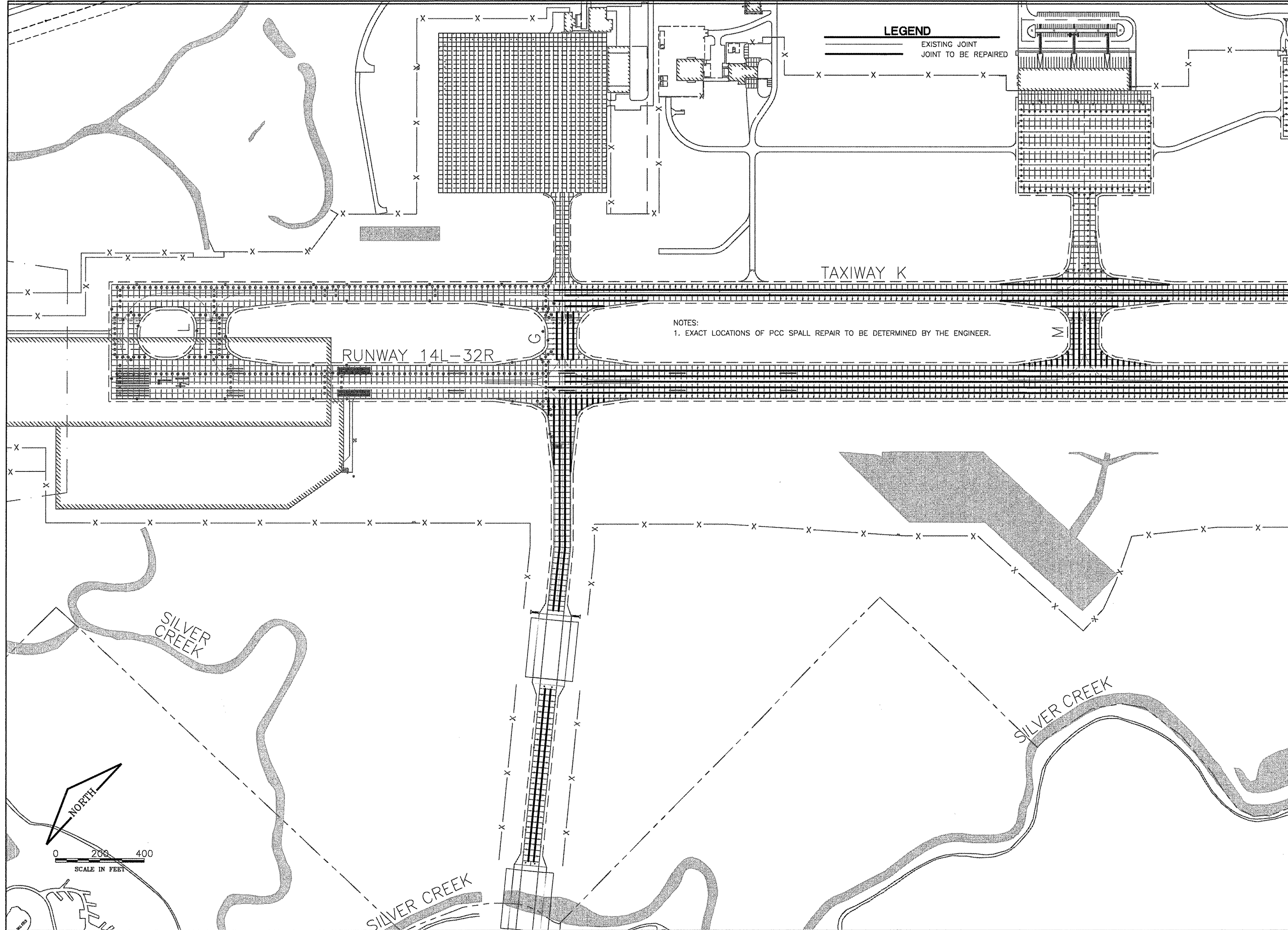
LOW PROFILE LIGHTED BARRICADE
 NOT TO SCALE



NOTES

1. LIGHTED MARKERS SHALL MEET STANDARD OF AC 150/5345-55.
2. CONTRACTOR SHALL MAINTAIN MARKERS THROUGHOUT PROJECT WHILE THEY ARE IN PLACE.
3. COST OF FURNISHING, INSTALLING, MAINTAINING, RELOCATING AND REMOVING MARKERS SHALL BE INCIDENTAL TO THE CLOSURE MARKER PAY ITEM.
4. MARKERS SHALL BE PLACED OVER EXISTING RUNWAY NUMERALS ON BOTH RUNWAY ENDS.
5. IF WORK IS REQUIRED OVER RUNWAY NUMERALS, THE CLOSURE MARKERS MAY BE TEMPORARILY PLACED UP TO 80' OFF THE RUNWAY END LOCATED ON THE EXTENDED RUNWAY CENTERLINE. UPON COMPLETION OF THE WORK OVER THE RUNWAY NUMERALS, THE CLOSURE MARKERS SHALL BE RELOCATED BACK TO THE RUNWAY NUMERALS.
6. UPON COMPLETION OF PROJECT, RUNWAY CLOSURE MARKERS (2) SHALL BE TURNED OVER TO THE AIRPORT.

LIGHTED RUNWAY CLOSURE MARKER DETAIL
 NOT TO SCALE



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0 1 2
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 ST. CLAIR COUNTY, ILLINOIS**

RUNWAY AND TAXIWAY JOINT REPAIR

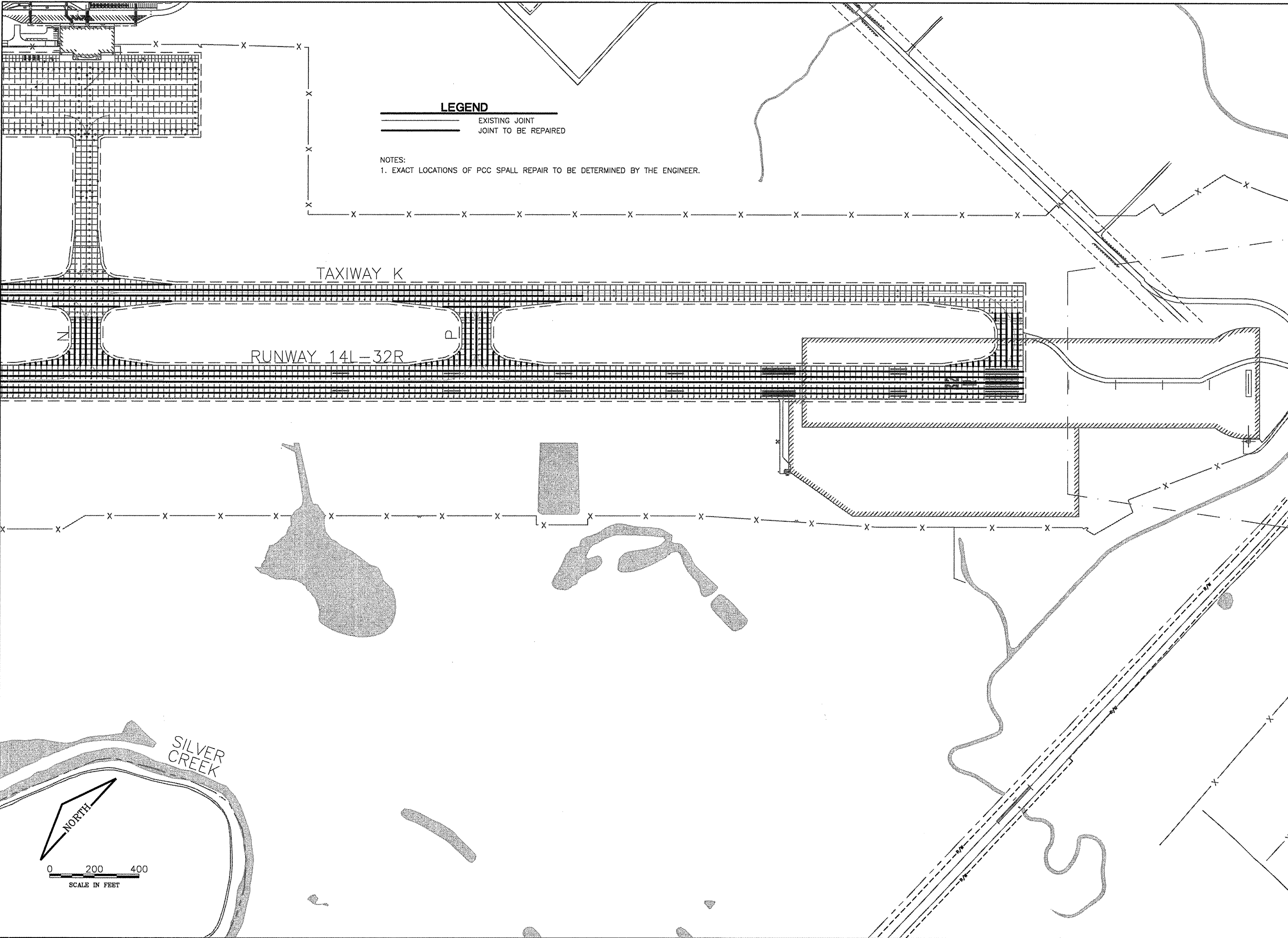
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**IL PROJECT: BLV-3886
 AIP PROJ: 3-17-0146-XX**

FILE: 05-07_JOINT_REPAIR.dwg
DESIGN BY: LEW
DRAWN BY: ASA
CHECKED BY: BWG
APPROVED BY: BWG
DATE: APRIL 17, 2009
JOB No: 09098-01
JOINT REPAIR PLAN 01
SHEET 5 OF 9 SHEETS



LEGEND
 ——— EXISTING JOINT
 ——— JOINT TO BE REPAIRED

NOTES:
 1. EXACT LOCATIONS OF PCC SPALL REPAIR TO BE DETERMINED BY THE ENGINEER.

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CHECKED BY: BWG

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**JOINT REPAIR
 PLAN 02**

SHEET 6 OF 9 SHEETS

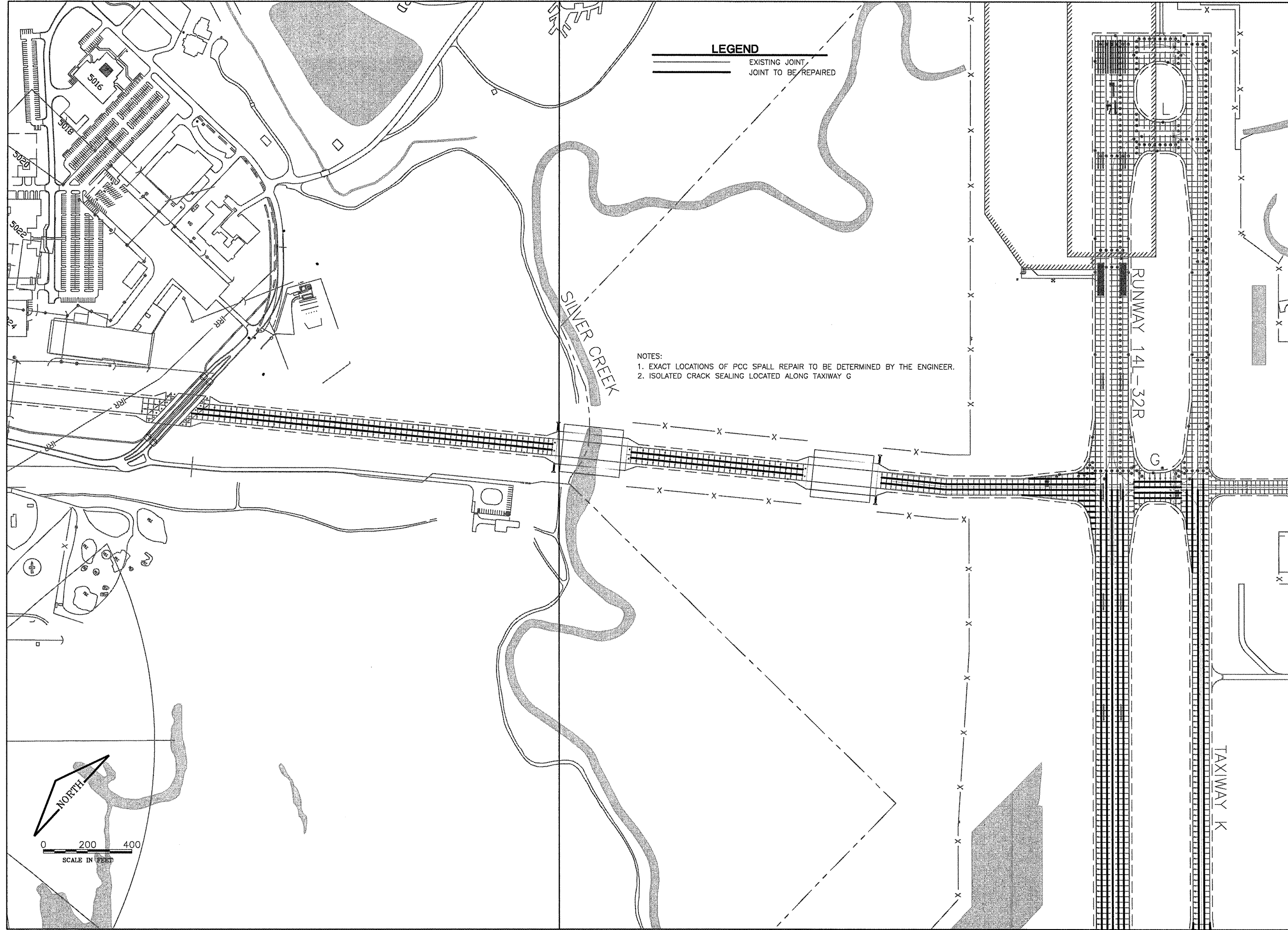
0 200 400
 SCALE IN FEET

NORTH

SILVER CREEK

TAXIWAY K

RUNWAY 14L-32R



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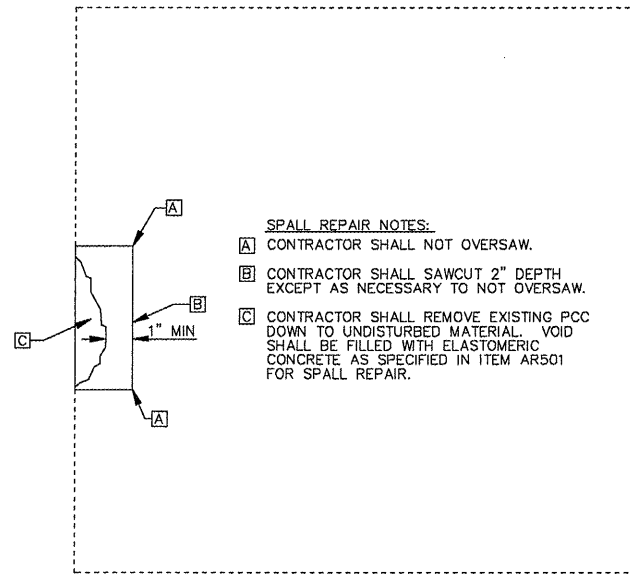
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**JOINT REPAIR
 PLAN 03**

SHEET 7 OF 9 SHEETS

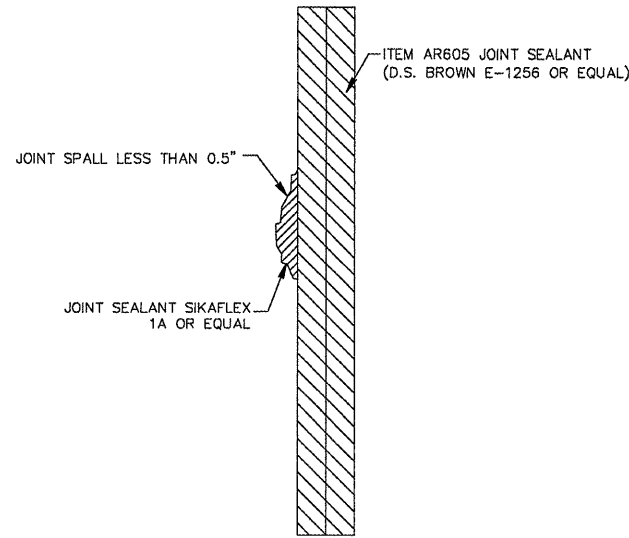


- SPALL REPAIR NOTES:**
- A CONTRACTOR SHALL NOT OVERSAW.
 - B CONTRACTOR SHALL SAWCUT 2" DEPTH EXCEPT AS NECESSARY TO NOT OVERSAW.
 - C CONTRACTOR SHALL REMOVE EXISTING PCC DOWN TO UNDISTURBED MATERIAL. VOID SHALL BE FILLED WITH ELASTOMERIC CONCRETE AS SPECIFIED IN ITEM AR501 FOR SPALL REPAIR.

SPALL REPAIR DETAIL

NOT TO SCALE

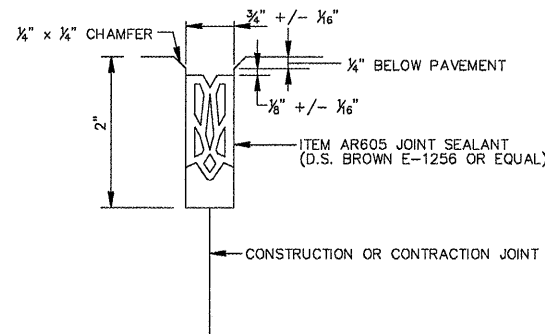
NOTE: FOR USE WITH SPALL WIDTHS GREATER THAN 0.5".



MINOR SPALL REPAIR DETAIL

NOT TO SCALE

NOTE: FOR USE WITH SPALL WIDTHS LESS THAN 0.5".



JOINT SEALANT DETAIL

NOT TO SCALE

NOTE: RECORDS INDICATE THAT THE EXISTING JOINT WIDTH IS 0.5" FOR TAXIWAY G AND 0.375" FOR ALL OTHER PAVEMENTS.

REVISIONS		
NUMBER	BY	DATE

0 1 2
THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22). PLOT 1

**MIDAMERICA ST. LOUIS AIRPORT
ST. CLAIR COUNTY, ILLINOIS**

RUNWAY AND TAXIWAY JOINT REPAIR

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102
(314) 438-5500

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CONSULTING ENGINEERS
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**IL PROJECT: BLV-3886
AIP PROJ: 3-17-0146-XX**

FILE: 08_DETAILS.dwg

DESIGN BY: LEW

DRAWN BY: ASA

CHECKED BY: BWG

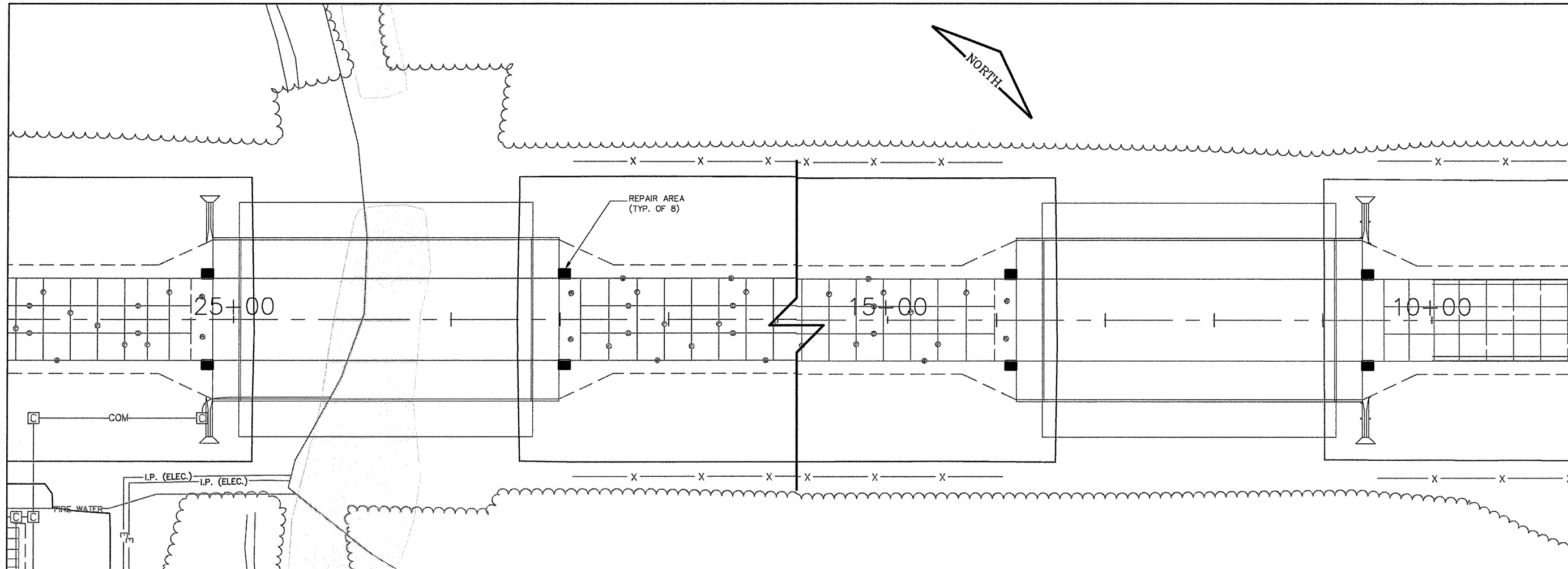
APPROVED BY: BWG

DATE: APRIL 17, 2009

JOB No: 09098-01

**JOINT REPAIR
DETAILS**

SHEET 8 OF 9 SHEETS

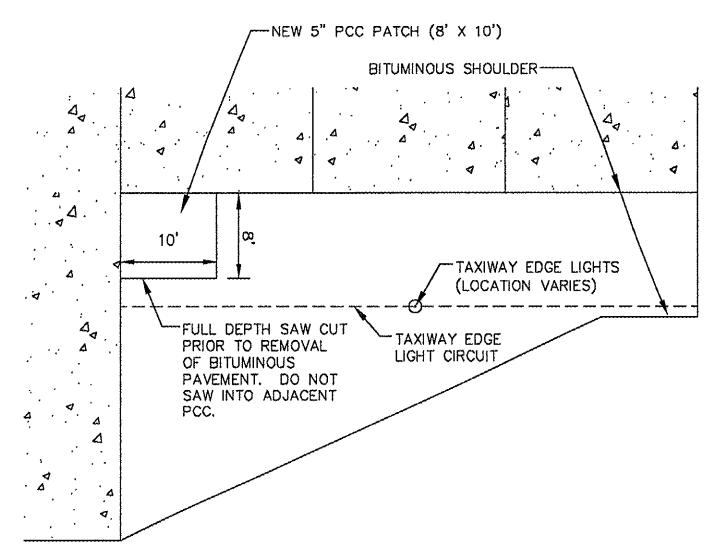


REVISIONS		
NUMBER	BY	DATE

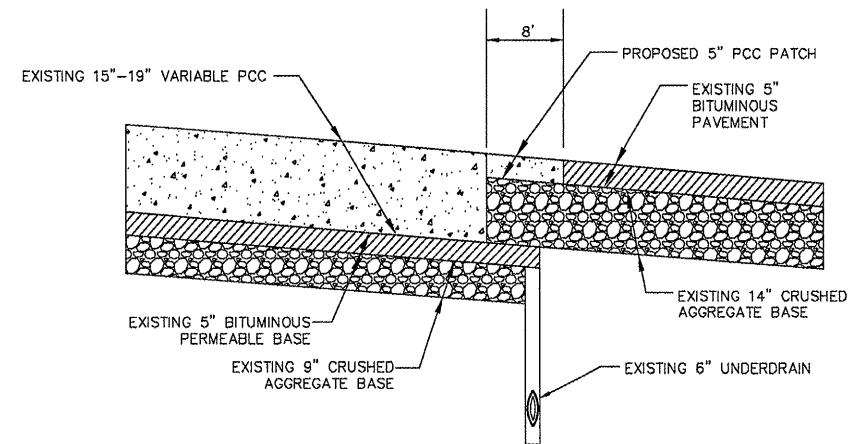
0 1 2
THIS BAR IS EQUAL TO 2'
AT FULL SCALE (34X22).
PLOT 1

**MIDAMERICA ST. LOUIS AIRPORT
ST. CLAIR COUNTY, ILLINOIS**

RUNWAY AND TAXIWAY JOINT REPAIR



SHOULDER REPAIR — PLAN VIEW
NOT TO SCALE



TYPICAL SECTION — SHOULDER REPAIR
NOT TO SCALE

ONE MEMORIAL DRIVE, SUITE 500
ST. LOUIS, MO 63102
(314) 436-5500

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**IL PROJECT: BLV-3886
AIP PROJ: 3-17-0146-XX**

FILE: 09_SHOULDER_REPAIR.dwg
DESIGN BY: LEW
DRAWN BY: ASA
CHECKED BY: BWG
APPROVED BY: BWG
DATE: APRIL 17, 2009
JOB No: 09098-01

**SHOULDER
REPAIR DETAILS**

SHEET 9 OF 9 SHEETS