

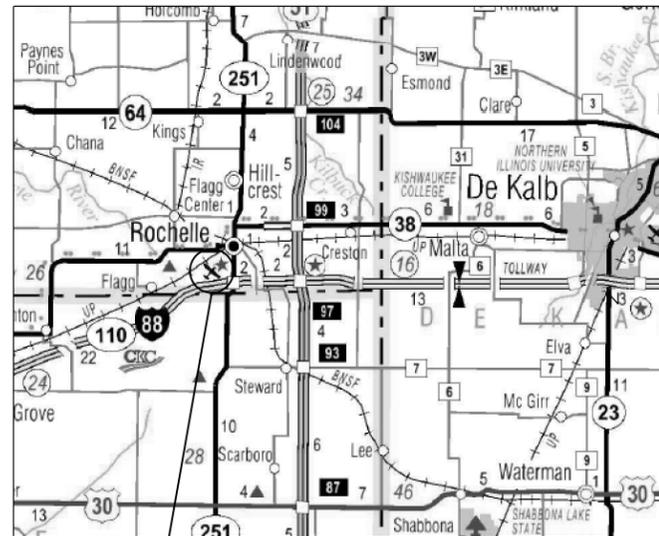
LETTING ITEM NO. 03A  
 JUNE 14, 2019

# CONSTRUCTION PLANS FOR ROCHELLE MUNICIPAL AIRPORT MAJOR THOMAS F. KORITZ FIELD

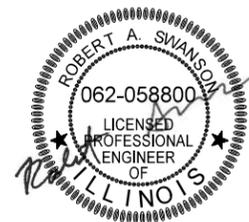
ROCHELLE, OGLE COUNTY, ILLINOIS  
 REHABILITATE RUNWAY 7/25 AND RUNWAY LIGHTING

RC009  
 TOTAL SHEETS-55

ILL. PROJ.: RPJ-4580  
 AIP. PROJ.: 3-17-SBGP-144154  
 DATE: MAY 3, 2019



ROCHELLE  
 MUNICIPAL AIRPORT  
**LOCATION MAP**  
 (NOT TO SCALE)



PLANS PREPARED BY:  
 2351 SOUTH DIRKSEN PARKWAY  
 SPRINGFIELD, ILLINOIS 62703  
 217-670-0563 (P) / 217-679-2204 (F)  
 www.quiggengineering.com  
**CIVIL ENGINEER**  
 SHEETS 1 - 34  
 Submitted by: TODD A. WELZ ENG'R  
 Date Submitted MAY 03, 2019  
 Lic. Exp Date NOVEMBER 30, 2019

PLANS PREPARED BY:  
 SINGH + ASSOCIATES, INC. | CONSULTING ENGINEERS  
**ELECTRICAL ENGINEER**  
 SHEETS 35 - 55  
 Submitted by: ROBERT A. SWANSON ENG'R  
 Date Submitted MAY 03, 2019  
 Lic. Exp Date NOVEMBER 30, 2019

**J.U.L.I.E. INFORMATION**

COUNTY OGLE/LEE  
 CITY ROCHELLE  
 TOWNSHIP FLAG/REYNOLDS  
 SECTION NO. 35/2  
 ADDRESS MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE MUNICIPAL AIRPORT  
 ROUTE 251, SOUTH  
 ROCHELLE, ILLINOIS 61068  
 CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 811.

**DESIGN INFORMATION**  
 DESIGN AIRCRAFT APPROACH CATEGORY: B  
 DESIGN AIRCRAFT GROUP: II

**NOTICE TO CONTRACTORS AND BIDDERS**

THESE CONSTRUCTION PLANS RELY UPON THE SPECIAL PROVISIONS AND THE SPECIFICATIONS TO PROVIDE FOR A COMPLETE DESCRIPTION OF THE WORK AND CONSTRUCTION REQUIREMENTS. THE PLANS SHALL ONLY BE USED IN COMBINATION WITH ALL CONTRACT DOCUMENTS.

**ROCHELLE MUNICIPAL AIRPORT**

Approved AIRPORT MANGER  
 Date MAY 03, 2019

SUMMARY OF QUANTITIES - BASE BID

| BASE BID |                                      |      |          |                   |
|----------|--------------------------------------|------|----------|-------------------|
| ITEM NO. | DESCRIPTION                          | UNIT | QUANTITY | AS-BUILT QUANTITY |
| AR108158 | 1/C #8 5 KV UG CABLE IN UD           | LF   | 5162     |                   |
| AR108706 | 1/C #6 COUNTERPOISE                  | LF   | 3644     |                   |
| AR108960 | REMOVE CABLE                         | LF   | 3860     |                   |
| AR110502 | 2-WAY CONCRETE ENCASED DUCT          | LF   | 108      |                   |
| AR110610 | ELECTRICAL HANDHOLE                  | EA   | 2        |                   |
| AR125410 | MITL - STAKE MOUNTED                 | EA   | 46       |                   |
| AR125415 | MITL - BASE MOUNTED                  | EA   | 2        |                   |
| AR125901 | REMOVE STAKE MOUNTED LIGHT           | EA   | 21       |                   |
| AR125902 | REMOVE BASE MOUNTED LIGHT            | EA   | 4        |                   |
| AR125964 | RELOCATE TAXI GUIDANCE SIGN          | EA   | 1        |                   |
| AR150510 | ENGINEER'S FIELD OFFICE              | LSUM | 1        |                   |
| AR150520 | MOBILIZATION                         | LSUM | 1        |                   |
| AR150540 | HAUL ROUTE                           | LSUM | 1        |                   |
| AR152410 | UNCLASSIFIED EXCAVATION              | CY   | 2745     |                   |
| AR152441 | ON-SITE BORROW                       | CY   | 1528     |                   |
| AR156510 | SILT FENCE                           | LF   | 1990     |                   |
| AR156511 | DITCH CHECK                          | EA   | 2        |                   |
| AR156513 | SEPARATION FABRIC                    | SY   | 2539     |                   |
| AR156520 | INLET PROTECTION                     | EA   | 2        |                   |
| AR156530 | TEMPORARY SEEDING                    | ACRE | 1        |                   |
| AR201663 | SAND MIX CRACK REPAIR                | LF   | 21125    |                   |
| AR209622 | CRUSHED AGG. BASE COURSE - 22"       | SY   | 2773     |                   |
| AR401614 | BIT. SURF. CSE.-METHOD II, SUPERPAVE | TON  | 4166     |                   |
| AR401630 | BITUMINOUS SURFACE TEST SECTION      | EA   | 1        |                   |
| AR401640 | BITUMINOUS PAVEMENT GROOVING         | SY   | 25880    |                   |
| AR401650 | BITUMINOUS PAVEMENT MILLING          | SY   | 35290    |                   |
| AR401900 | REMOVE BITUMINOUS PAVEMENT           | SY   | 1245     |                   |
| AR403613 | BIT. BASE CSE.-METHOD I, SUPERPAVE   | TON  | 356      |                   |
| AR602510 | BITUMINOUS PRIME COAT                | GAL  | 838      |                   |
| AR603510 | BITUMINOUS TACK COAT                 | GAL  | 5675     |                   |
| AR620520 | PAVEMENT MARKING - WATERBORNE        | SF   | 24473    |                   |
| AR620525 | PAVEMENT MARKING - BLACK BORDER      | SF   | 6060     |                   |
| AR620900 | PAVEMENT MARKING REMOVAL             | SF   | 310      |                   |
| AR701713 | RCEP SPAN 30 RISE 19                 | LF   | 352      |                   |
| AR705506 | 6" PERFORATED UNDERDRAIN             | LF   | 1000     |                   |
| AR705546 | 6" NON-PERFORATED UNDERDRAIN         | LF   | 170      |                   |
| AR705635 | UNDERDRAIN COLLECTION STRUCTURE      | EA   | 3        |                   |
| AR705640 | UNDERDRAIN CLEANOUT                  | EA   | 3        |                   |
| AR752724 | P R CONC. FES EQ. ROUND SIZE 24"     | EA   | 4        |                   |
| AR901510 | SEEDING                              | ACRE | 6        |                   |
| AR908510 | MULCHING                             | ACRE | 6        |                   |

| ITEM NO. | DESCRIPTION                   | UNIT | QUANTITY | AS-BUILT QUANTITY |
|----------|-------------------------------|------|----------|-------------------|
| AS108158 | 1/C #8 5 KV UG CABLE IN UD    | LF   | 11110    |                   |
| AS108706 | 1/C #6 COUNTERPOISE           | LF   | 11848    |                   |
| AS108960 | REMOVE CABLE                  | LF   | 124      |                   |
| AS125400 | REPLACE ISOLATION TRANSFORMER | EA   | 105      |                   |

INDEX OF SHEETS

| SHEET NO. | DESCRIPTION   |
|-----------|---|
| 1         | COVER SHEET   |
| 2         | SUMMARY OF QUANTITIES AND INDEX OF SHEETS                 |
| 3         | PROPOSED SCOPE OF WORK PLAN & GENERAL NOTES               |
| 4         | CONSTRUCTION SAFETY PHASING PLAN PHASE 1                  |
| 5         | CONSTRUCTION SAFETY PHASING PLAN PHASE 2                  |
| 6         | CONSTRUCTION SAFETY PHASING DETAILS                       |
| 7         | TYPICAL SECTIONS AND DETAILS                              |
| 8         | RUNWAY SURFACE ELEVATIONS                                 |
| 9         | MILLING AND OVERLAY PLAN STA. 107+65.00 TO STA. 112+75.00 |
| 10        | MILLING AND OVERLAY PLAN STA. 112+75.00 TO STA. 127+50.00 |
| 11        | MILLING AND OVERLAY PLAN STA. 127+50.00 TO STA. 142+25.00 |
| 12        | MILLING AND OVERLAY PLAN STA. 142+25.00 TO STA. 150+00.00 |
| 13        | EXISTING CIVIL SITE DEMOLITION PLAN                       |
| 14        | PLAN AND PROFILE TAXIWAY "A"                              |
| 15        | GRADING PLAN  |
| 16        | GROOVING PLAN AND DETAIL                                  |
| 17        | PAVEMENT MARKING PLAN STA. 107+09.16 TO STA. 112+75.00    |
| 18        | PAVEMENT MARKING PLAN STA. 112+75.00 TO STA. 127+50.00    |
| 19        | PAVEMENT MARKING PLAN STA. 127+50.00 TO STA. 142+25.00    |
| 20        | PAVEMENT MARKING PLAN STA. 142+25.00 TO STA. 150+00.00    |
| 21        | STORMWATER POLLUTION PREVENTION PLAN                      |
| 22        | STORMWATER POLLUTION PREVENTION PLAN DETAILS              |
| 23        | DRAINAGE DETAILS  |
| 24        | CROSS SECTIONS RELOCATED TAXIWAY "A"                      |
| 25        | CROSS SECTIONS RELOCATED TAXIWAY "A"                      |
| 26        | CROSS SECTIONS RUNWAY 7-25                                |
| 27        | CROSS SECTIONS RUNWAY 7-25                                |
| 28        | CROSS SECTIONS RUNWAY 7-25                                |

INDEX OF SHEETS

| SHEET NO. | DESCRIPTION  |
|-----------|--|
| 29        | CROSS SECTIONS RUNWAY 7-25   |
| 30        | CROSS SECTIONS RUNWAY 7-25   |
| 31        | CUT AND FILL TABLES  |
| 32        | CROSS SECTIONS BORROW AREA   |
| 33        | CROSS SECTIONS BORROW AREA   |
| 34        | CROSS SECTIONS BORROW AREA   |
| 35        | AIRFIELD LIGHTING LEGEND, GENERAL NOTES, AND ABBREVIATIONS                         |
| 36        | AIRFIELD LIGHTING REMOVAL PLAN BASE BID STA. 112+75.00 TO STA. 127+50.00           |
| 37        | AIRFIELD LIGHTING REMOVAL PLAN BASE BID STA. 127+50.00 TO STA. 142+25.00           |
| 38        | AIRFIELD LIGHTING PLAN BASE BID STA. 98+00.00 TO STA. 112+75.00                    |
| 39        | AIRFIELD LIGHTING PLAN BASE BID STA. 112+75.00 TO STA. 127+50.00                   |
| 40        | AIRFIELD LIGHTING PLAN BASE BID STA. 127+50.00 TO STA. 142+25.00                   |
| 41        | AIRFIELD LIGHTING PLAN BASE BID STA. 142+25.00 TO STA. 150+00.00                   |
| 42        | AIRFIELD LIGHTING REMOVAL PLAN ADDITIVE ALTERNATE STA. 98+00.00 TO STA. 112+75.00  |
| 43        | AIRFIELD LIGHTING REMOVAL PLAN ADDITIVE ALTERNATE STA. 112+75.00 TO STA. 127+50.00 |
| 44        | AIRFIELD LIGHTING REMOVAL PLAN ADDITIVE ALTERNATE STA. 127+50.00 TO STA. 142+25.00 |
| 45        | AIRFIELD LIGHTING REMOVAL PLAN ADDITIVE ALTERNATE STA. 142+25.00 TO STA. 150+00.00 |
| 46        | AIRFIELD LIGHTING PLAN ADDITIVE ALTERNATE STA. 98+00.00 TO STA. 112+75.00          |
| 47        | AIRFIELD LIGHTING PLAN ADDITIVE ALTERNATE STA. 112+75.00 TO STA. 127+50.00         |
| 48        | AIRFIELD LIGHTING PLAN ADDITIVE ALTERNATE STA. 127+50.00 TO STA. 142+25.00         |
| 49        | AIRFIELD LIGHTING PLAN ADDITIVE ALTERNATE STA. 142+25.00 TO STA. 150+00.00         |
| 50-52     | AIRFIELD LIGHTING DETAILS  |
| 53        | AIRFIELD LIGHTING VAULT WIRING DETAILS   |
| 54        | AIRFIELD LIGHTING DETAILS  |
| 55        | AIRFIELD LIGHTING DETAILS ADDITIVE ALTERNATE                                       |

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USER NAME = tneffsmith  
 PLOT SCALE = 2,0000' / in.  
 PLOT DATE = 5/7/2019

DESIGNED - GSN  
 DRAWN - TNS  
 CHECKED - TAW  
 DATE - 5/03/19

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

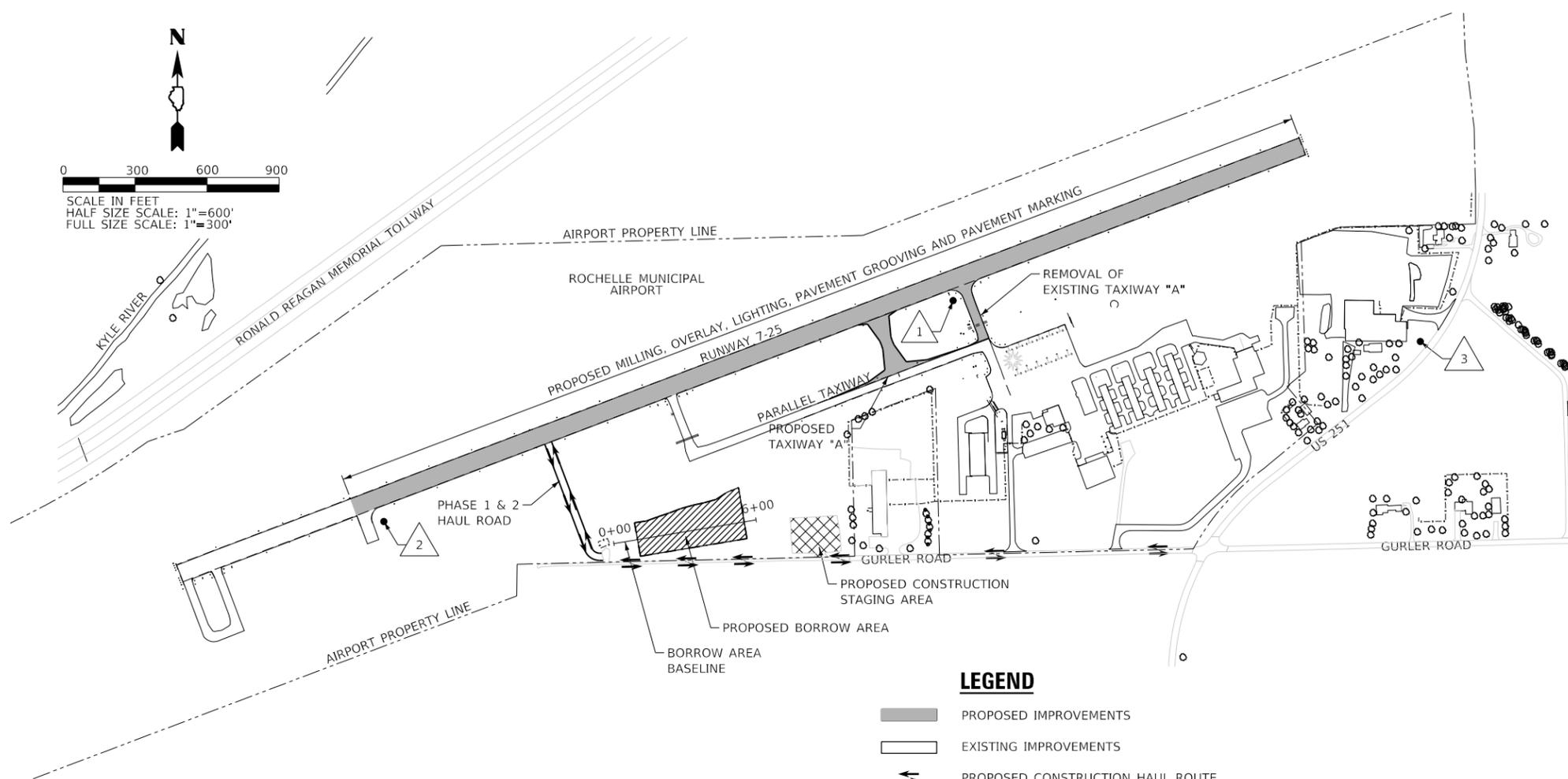
SUMMARY OF QUANTITIES AND INDEX OF SHEETS

SCALE: 1"=1' SHEET 1 OF 1 SHEETS STA. TO STA.

| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------|--------------|-----------|
|                           | OGLE   | 55           | 2         |
| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |

**GENERAL NOTES**

1. THE SCOPE OF WORK SHEET IS INTENDED ONLY AS A GENERAL DESCRIPTION OF WORK ITEMS AND THEIR APPROXIMATE LOCATIONS AND LIMITS, FOR THE PURPOSE OF UNDERSTANDING THE SCOPE OF THE PROJECT. THIS SHEET SHALL NOT BE USED AS A CONSTRUCTION PLAN. REFER TO THE FOLLOWING PLAN SHEET FOR DETAILED CONSTRUCTION REQUIREMENTS, LOCATIONS, AND ITEMS OF WORK.
2. WORK FOR THIS PROJECT SHALL CONSIST OF, BUT IS NOT LIMITED TO, UNCLASSIFIED AND ONSITE BORROW EXCAVATION, INSTALLATION OF DRAINAGE PIPE AND STRUCTURES, PLACEMENT OF CRUSHED AGGREGATE BASE COURSE, PLACEMENT OF BITUMINOUS PAVEMENT, MILLING, PAVEMENT GROOVING, PAVEMENT MARKING, INSTALLATION OF TAXIWAY LIGHTING, EROSION CONTROL, SEEDING AND ALL OTHER ASSOCIATED ITEMS.
3. THE PROJECT PAY ITEMS ARE INTENDED TO BE INCLUSIVE OF ALL WORK TO BE PERFORMED AS SHOWN IN THESE PLANS. ALL INCIDENTAL WORK REQUIRED TO COMPLETE THE PROJECT TO THE SATISFACTION OF THE RESIDENT ENGINEER IS TO BE INCLUDED IN THE COSTS OF PERFORMING THESE ITEMS. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, EQUIPMENT, AND TRANSPORTATION NECESSARY TO CONSTRUCT ALL ELEMENTS OF THE PROJECT AS DESCRIBED IN THE CONSTRUCTION PLANS AND SPECIFICATIONS.
4. THE RULES, REGULATIONS AND SPECIFICATIONS ENUMERATED HEREIN SHALL BE CONSIDERED AS MINIMUM REQUIREMENT. THEY SHALL NOT PROHIBIT THE CONTRACTOR FROM FURNISHING AND INSTALLING HIGHER GRADES OF MATERIAL THAN ARE SPECIFIED HEREIN, IF APPROVED BY THE ENGINEER.
5. ACCESS TO THE SITE SHALL BE RESTRICTED EXCLUSIVELY TO THE DESIGNATED CONSTRUCTION ENTRANCE, STAGING AREA, AND HAUL ROUTE. NO EQUIPMENT OR PERSONNEL SHALL BE PERMITTED OUTSIDE THE GENERAL PROJECT AREA.
6. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT AND KEEP CLEAN OF DEBRIS ALL EXISTING AIRFIELD AND ROADWAY PAVEMENTS AT ALL TIMES. ANY DAMAGE TO EXISTING ELECTRICAL, DRAINAGE, AND PAVEMENT STRUCTURES SHALL BE IMMEDIATELY REPAIRED AT NO ADDITIONAL COST TO THE CONTRACT.
7. CONTRACTOR IS REQUIRED TO PROVIDE THEIR OWN RESTROOM FACILITIES.
8. THE OWNER SHALL HAVE THE RIGHT OF FIRST REFUSAL FOR ALL SALVAGEABLE MATERIAL REMOVED ON THE PROJECT. THE AIRPORT HAS EXPRESSED INTEREST IN RETAINING THE PIPE CULVERTS AND END SECTIONS UNDER EXISTING TAXIWAY "A" AND A PORTION OF THE RUNWAY MILLINGS. THE LOCATION OF DISPOSAL OF THE ITEMS SHALL BE COORDINATED WITH THE ENGINEER OR AIRPORT MANAGER. ALL OTHER WASTE MATERIAL SHALL BE HAULED FROM THE AIRPORT AND PROPERLY DISPOSED OF UNLESS SPECIFIED HEREIN.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING PERMITS FOR HAULING ON PUBLIC ROADS, AS APPLICABLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY DAMAGES TO ANY PAVEMENTS (PUBLIC OR PRIVATE) CAUSED BY THEIR CONSTRUCTION EQUIPMENT OR PERSONNEL.
10. THE CONTRACTOR SHALL PROVIDE ONE SET OF REDLINED RECORD DRAWINGS TO THE RESIDENT ENGINEER AT THE COMPLETION OF THE PROJECT.
11. CONTRACTOR SHALL NOTE THAT ALL AREAS WITHIN THE AIRPORT PROPERTY LINE AND OUTSIDE THE CONSTRUCTION LIMITS MAY BE USED FOR AGRICULTURE PURPOSES. THE CONSTRUCTION LIMITS SHALL BE RESTRICTED TO AREAS THAT ARE ABSOLUTELY NECESSARY TO DISTURB TO COMPLETE THE REQUIRED WORK ITEMS. LIMITS SHALL BE COORDINATED WITH THE RESIDENT ENGINEER PRIOR TO BEGINNING ANY WORK. ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITY WHICH HAVE BEEN PREVIOUSLY FARMED OR ARE DESIGNATED TO BE FARMED AFTER THE PROJECT COMPLETION SHALL BE CHISEL PLOWED OR OTHERWISE SCARIFIED TO RETURN THE AREA TO A REASONABLE TILLABLE CONDITION (IF SO PERMITTED BY THE AIRPORT MANAGER) AT THE CONTRACTOR'S EXPENSE.
12. APPROXIMATE LOCATIONS OF UNDERGROUND UTILITIES ARE SHOWN THROUGHOUT THESE PLANS. THE CONTRACTOR SHALL DETERMINE EXACT LOCATIONS AND PROTECT THESE UTILITIES DURING CONSTRUCTION. ANY UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL COORDINATE WITH THE PROPER AUTHORITIES FOR THE PURPOSE OF LOCATING AND PROTECTING EXISTING UNDERGROUND UTILITIES.
13. THE CONTRACTOR MUST AT ALL TIMES MAINTAIN PROPER DRAINAGE AND EROSION CONTROL FOR ALL AREAS AFFECTED BY HIS WORK.
14. THIS PROJECT WILL DISTURB MORE THAN 1 ACRE, THEREFORE A NPDES PERMIT IS REQUIRED. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING THE EROSION CONTROL MEASURES AS SHOWN IN THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, CURRENT ISSUE.
15. MATERIAL CERTIFICATIONS - COMPLETED WORK ITEMS CANNOT BE PLACED ON A CONSTRUCTION REPORT FOR PAYMENT UNTIL ALL THE MATERIAL CERTIFICATIONS FOR THAT ITEM HAVE BEEN RECEIVED, REVIEWED AND ACCEPTED BY THE RESIDENT ENGINEER.
16. CERTIFIED PAYROLLS - THE RESIDENT ENGINEER CANNOT FORWARD A CONSTRUCTION REPORT FOR PAYMENT TO THE IDOT - DIVISION OF AERONAUTICS FOR PROCESSING UNTIL ALL CERTIFIED PAYROLLS FOR THAT PERIOD HAVE BEEN RECEIVED.



**LEGEND**

- PROPOSED IMPROVEMENTS
- EXISTING IMPROVEMENTS
- PROPOSED CONSTRUCTION HAUL ROUTE
- AIRPORT PROPERTY LINE
- CP1 CRITICAL POINT
- 1 SURVEY POINT

**CONTROL POINT DATA**

| NO. | DESCRIPTION  | NORTHING     | EASTING      | ELEV.  |
|-----|--|--------------|--------------|--------|
| 1   | NGS STAINLESS STEEL ROD IN SLEEVE-"ROCHPORT"       | 1,905,524.80 | 2,593,429.93 | 774.18 |
| 2   | NGS STAINLESS STEEL ROD IN SLEEVE-"ROCHPORT AZ MK" | 1,904,607.07 | 2,591,059.02 | 769.60 |
| 3   | NGS V223-DISK IN CONCRETE ON WEST SIDE OF RT. 251  | 1,905,355    | 2,595,375    | 782.95 |

**SURVEY NOTES**

1. ALL COORDINATE VALUES SHOWN IN TABLE ARE BASED ON ILLINOIS STATE PLANE COORDINATES SYSTEM, WEST ZONE, NAD-83 (2007). ALL ELEVATIONS ARE REFERENCED TO NAVD 88.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND ANY EXTENSION OF THE CONTROL NETWORK NEEDED TO PROPERLY COMPLETE THE WORK.
3. THE CONTRACTOR SHALL VERIFY ELEVATION AND DIMENSIONS SHOWN IN THE CONTRACT DOCUMENTS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. WHERE NEW WORK IS TO BE FITTED TO EXISTING, THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO THE START OF THE NEW WORK. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE RESIDENT ENGINEER OR THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR THE NEW WORK.

**ALIGNMENT DATA**

| ALIGNMENT        | LIMITS                | NORTHING   | EASTING    |
|------------------|-----------------------|------------|------------|
| RUNWAY 7-25      | BEGIN AT STA. 100+00  | 1904392.52 | 2590209.50 |
|                  | END AT STA. 150+00    | 1906166.49 | 2594884.22 |
| PARALLEL TAXIWAY | BEGIN AT STA. 121+00  | 1904856.63 | 2592279.44 |
|                  | END AT STA. 134+77.34 | 1905345.11 | 2593567.26 |
| TAXIWAY "A"      | BEGIN AT STA. 0+00    | 1905208.57 | 2593207.28 |
|                  | END AT STA. 3+00.64   | 1905489.65 | 2593100.62 |
| BORROW AREA      | BEGIN AT STA. 0+00    | 1904515.59 | 2592017.14 |
|                  | END AT STA. 6+00      | 1904614.13 | 2592608.99 |

**UTILITY NOTE**

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVE GROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATEVER 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 UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE 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 COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE 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. THE OWNER'S REPRESENTATIVE AND/ OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT. ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT J.U.I.E. (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATIONS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/ OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/ OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

MODEL: 1400BELNAMES  
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|                              |                |           |
|------------------------------|----------------|-----------|
| USER NAME = tneffsmith       | DESIGNED - GSN | REVISED - |
| PLOT SCALE = 600,0000' / in. | DRAWN - TNS    | REVISED - |
| PLOT DATE = 5/7/2019         | CHECKED - TAW  | REVISED - |
|                              | DATE - 5/03/19 | REVISED - |

**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

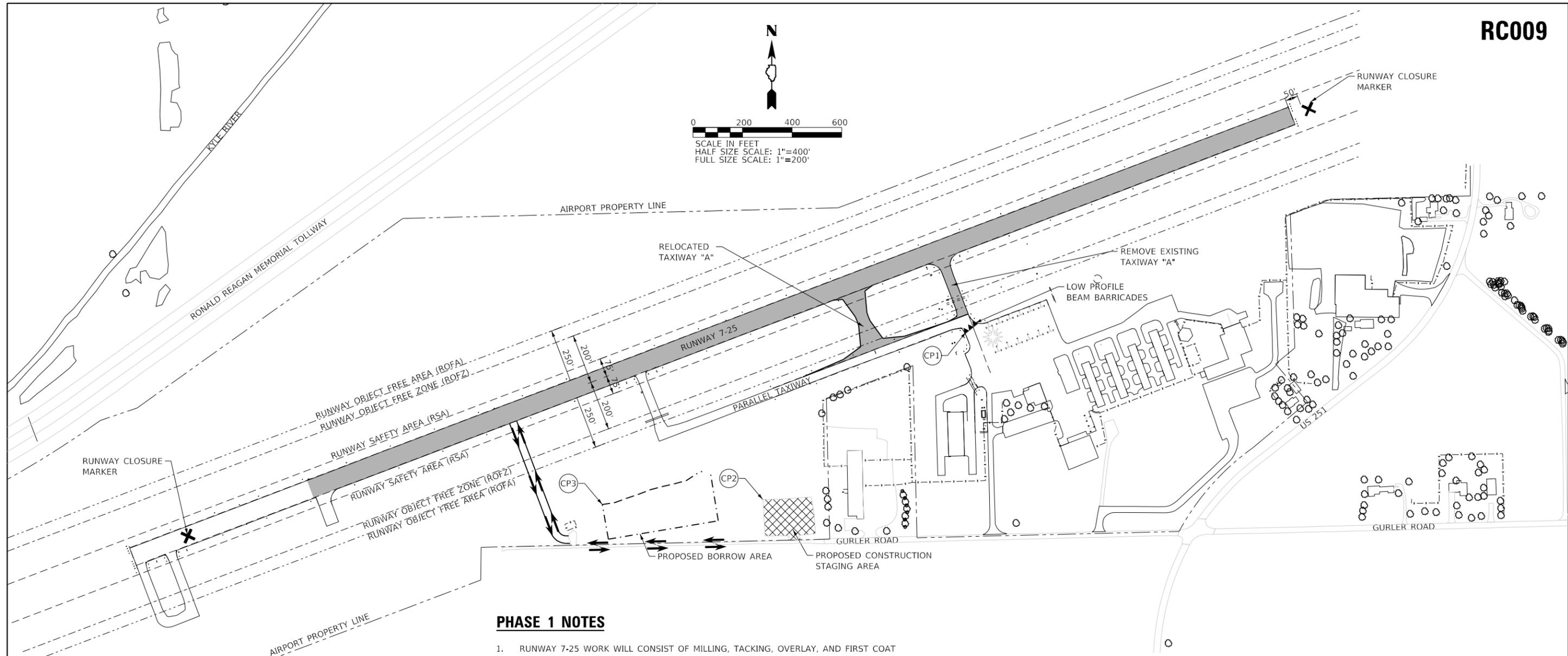
**PROPOSED SCOPE OF WORK PLAN  
 & GENERAL NOTES**

SCALE: 1"=300' SHEET 1 OF 1 SHEETS STA. TO STA.

| SECTION            | COUNTY | TOTAL SHEETS     | SHEET NO. |
|--------------------|--------|------------------|-----------|
|                    | OGLE   | 55               | 3         |
| CONTRACT NO. RC009 |        |                  |           |
| ILLINOIS           |        | FED. AID PROJECT |           |



0 200 400 600  
 SCALE IN FEET  
 HALF SIZE SCALE: 1"=400'  
 FULL SIZE SCALE: 1"=200'



**PHASE 1 NOTES**

1. RUNWAY 7-25 WORK WILL CONSIST OF MILLING, TACKING, OVERLAY, AND FIRST COAT OF PAVEMENT MARKING. BLACK MARKING BORDERS SHALL BE PLACED IN PHASE 2 OF PAVEMENT MARKING OF RUNWAY 7-25. WHILE WORK IS BEING PERFORMED ON RUNWAY 7-25, WORK WILL BEGIN SIMULTANEOUSLY ON THE RELOCATED TAXIWAY "A". ADDITIVE ALTERNATE 1, RUNWAY LIGHTING IMPROVEMENTS, IF AWARDED, WILL ALSO BE DONE IN THIS PHASE. ALL PROPOSED WORK SHALL BE COMPLETED EXCEPT RUNWAY GROOVING, SECOND COAT OF PAVEMENT MARKINGS AND BLACK MARKING BORDERS.
2. RELOCATED TAXIWAY "A" WORK WILL CONSIST OF REMOVAL OF EXISTING TAXIWAY "A" AND SAWCUTTING OF PAVEMENT EDGE ALONG RUNWAY 7-25 AND EXISTING PARALLEL TAXIWAY, GRADING OF SITE, PLACEMENT OF AGGREGATE BASE, ASPHALT PAVEMENT, NEW DRAINAGE CULVERTS, UNDERDRAIN SYSTEM, RELOCATION OF TAXIWAY SIGN BASE AND LIGHTING FOUNDATIONS, AND PAVEMENT MARKING REMOVAL.
3. RUNWAY MAY NOT BE CLOSED UNTIL SEPTEMBER 3, 2019.
4. CONTRACTOR SHALL NOTIFY THE AIRPORT MANAGER THROUGH RESIDENT ENGINEER 72 HOURS PRIOR TO THE INITIATION OF ANY WORK WITHIN PHASE 1.
5. RUNWAY 7-25 SHALL BE NOTAMED "CLOSED". THE PAVIS AND REILS SHALL BE NOTAMED "SHUTDOWN". WHENEVER THE RUNWAY IS CLOSED, ALL ASSOCIATED LIGHTING SHALL BE TURNED OFF OR COMPLETELY COVERED, INCLUDING THE RUNWAY EDGE LIGHTS, PAVIS AND REILS. CONTRACTOR SHALL COORDINATE WITH THE AIRPORT AT LEAST 72 HOURS BEFORE WORKING WITHIN THE RUNWAY SAFETY AREAS SO THAT NOTAMS MAY BE COORDINATED.
6. WORK IN THIS PHASE WILL REQUIRE THE COMPLETE CLOSURE OF THE RUNWAY.
7. ONCE ALL BARRICADES, RUNWAY CLOSED MARKERS, SIGNS ARE COVERED AND LIGHTS ARE DE-ENERGIZED, MAY THE CONTRACTOR BE ALLOWED TO MOVE ONTO RUNWAY 7-25.
8. ONCE ALL WORK IS COMPLETED IN PHASE 1, REMOVE BARRICADES, RUNWAY CLOSED MARKERS, COVERED SIGNS AND RE-ENERGIZE LIGHTS.

**CRITICAL POINT ID TABLE**

| POINT | LATITUDE     | LONGITUDE      | ELEVATION | ABOVE GROUND HEIGHT |
|-------|--------------|----------------|-----------|---------------------|
| CP1   | 41°53'33.55" | -089°04'33.07" | 775.39    | 23                  |
| CP2   | 41°53'27.00" | -089°04'44.02" | 771.09    | 23                  |
| CP3   | 41°53'26.88" | -089°04'52.58" | 770.00    | 23                  |

**LEGEND**

- PROPOSED IMPROVEMENTS
- PROPOSED CONSTRUCTION STAGING AREA
- PROPOSED CONSTRUCTION HAUL ROUTE
- RUNWAY SAFETY AREA (RSA)
- RUNWAY OBJECT FREE AREA (ROFA)
- RUNWAY OBJECT FREE ZONE (ROFZ)
- AIRPORT PROPERTY LINE
- TEMPORARY RUNWAY/TAXIWAY CLOSURE CROSS
- LOW PROFILE BARRICADES RUNWAY/TAXIWAY CLOSURE
- CRITICAL POINT

MODEL: 140901E1.MXD  
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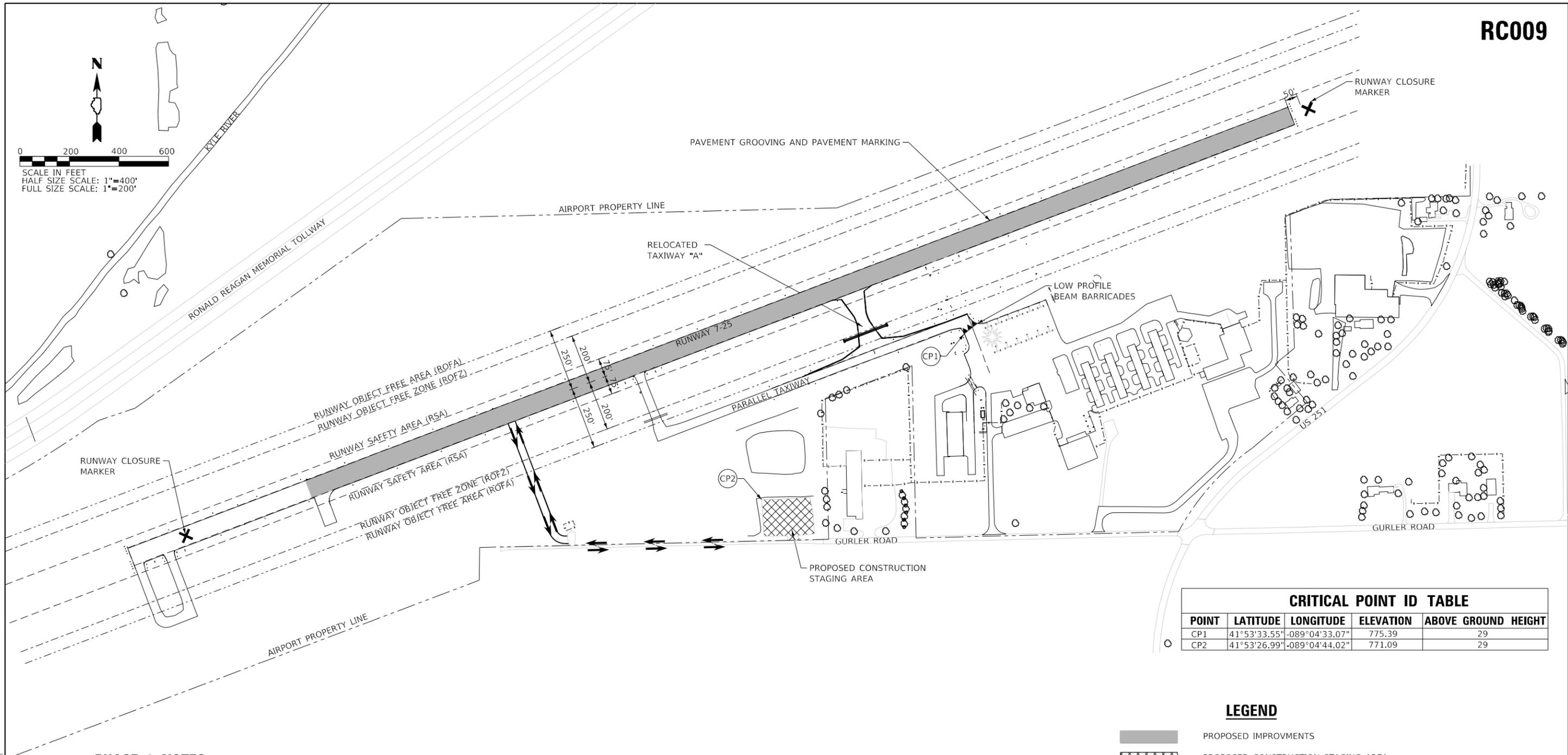
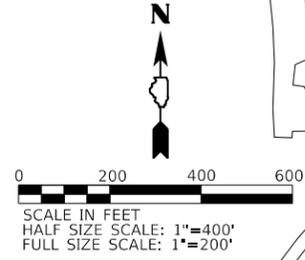
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| PLOT SCALE = 400.0000' / in. | DRAWN - TNS    | REVISED - |
| PLOT DATE = 5/7/2019         | CHECKED - TAW  | REVISED - |
|                              | DATE - 5/03/19 | REVISED - |

**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

**CONSTRUCTION SAFETY PHASING PLAN  
 PHASE 1**

SCALE: 1"=200' SHEET 1 OF 2 SHEETS STA. TO STA.

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | OGLE   | 55           | 4         |
| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



| POINT | LATITUDE     | LONGITUDE      | ELEVATION | ABOVE GROUND HEIGHT |
|-------|--------------|----------------|-----------|---------------------|
| CP1   | 41°53'33.55" | -089°04'33.07" | 775.39    | 29                  |
| CP2   | 41°53'26.99" | -089°04'44.02" | 771.09    | 29                  |

**PHASE 2 NOTES**

1. CONTRACTOR SHALL NOTIFY THE AIRPORT MANAGER THROUGH RESIDENT ENGINEER 72 HOURS PRIOR TO THE INITIATION OF ANY WORK WITHIN PHASE 2.
2. RUNWAY 7-25 SHALL BE NOTAMED "CLOSED". THE PAPIS AND REILS SHALL BE NOTAMED "SHUTDOWN". WHENEVER THE RUNWAY IS CLOSED, ALL ASSOCIATED LIGHTING SHALL BE TURNED OFF OR COMPLETELY COVERED, INCLUDING THE RUNWAY EDGE LIGHTS, PAPIS AND REILS. CONTRACTOR SHALL COORDINATE WITH THE AIRPORT AT LEAST 72 HOURS BEFORE WORKING WITHIN THE RUNWAY SAFETY AREAS SO THAT NOTAMS MAY BE COORDINATED.
3. WORK IN THIS PHASE WILL REQUIRE THE COMPLETE CLOSURE OF RUNWAY AND CAN BEGIN 30 DAYS FOLLOWING THE COMPLETION OF THE RUNWAY PAVEMENT OVERLAY FOR PROPER CURING PRIOR TO BEGINNING GROOVING OPERATIONS.
4. ONCE ALL BARRICADES, TAXIWAY CLOSED MARKERS, SIGNS ARE COVERED AND LIGHTS ARE DE-ENERGIZE MAY THE CONTRACTOR BE ALLOWED TO MOVE ONTO TAXIWAY "A".
5. WORK WILL CONSIST OF GROOVING THE RUNWAY AND THE SECOND COAT OF MARKING PAINT AND BOTH COATS OF BLACK BORDER.

**LEGEND**

|  |   |
|--|---|
|  | PROPOSED IMPROVEMENTS                         |
|  | PROPOSED CONSTRUCTION STAGING AREA            |
|  | PROPOSED CONSTRUCTION HAUL ROUTE              |
|  | RUNWAY SAFETY AREA (RSA)                      |
|  | RUNWAY OBJECT FREE AREA (ROFA)                |
|  | RUNWAY OBJECT FREE ZONE (ROFZ)                |
|  | AIRPORT PROPERTY LINE                         |
|  | TEMPORARY RUNWAY/TAXIWAY CLOSURE CROSS        |
|  | LOW PROFILE BARRICADES RUNWAY/TAXIWAY CLOSURE |
|  | CRITICAL POINT                                |

MODEL: 140901E1.MXD  
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 DATE: 5/7/2019



|                              |                |           |
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| USER NAME = tneffsmith       | DESIGNED - GSN | REVISED - |
| PLOT SCALE = 400.0000' / in. | DRAWN - TNS    | REVISED - |
| PLOT DATE = 5/7/2019         | CHECKED - TAW  | REVISED - |
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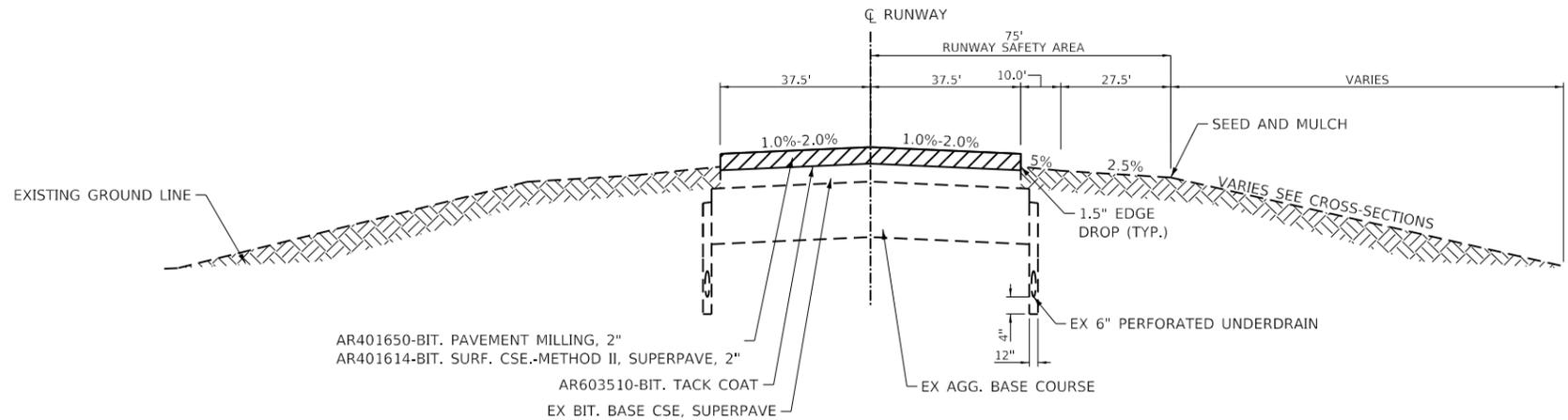
**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

**CONSTRUCTION SAFETY PHASING PLAN  
 PHASE 2**

SCALE: 1"=200' SHEET 2 OF 2 SHEETS STA. TO STA.

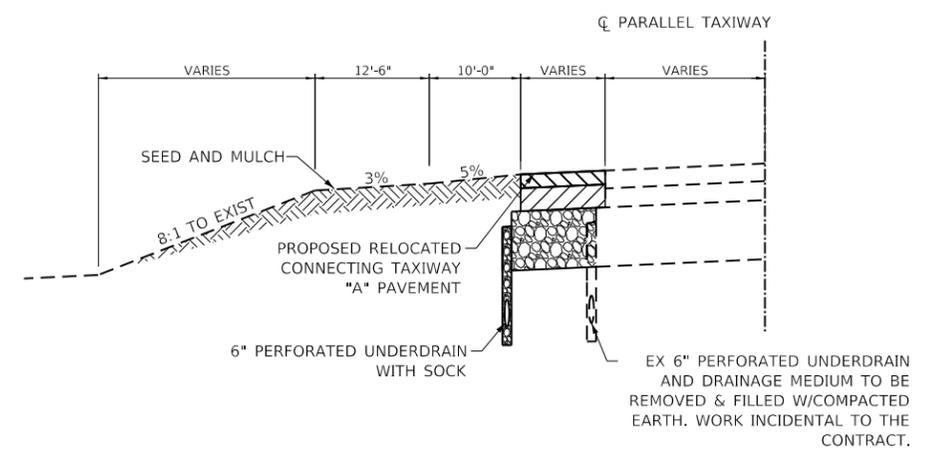
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|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | OGLE   | 55           | 5         |
| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |





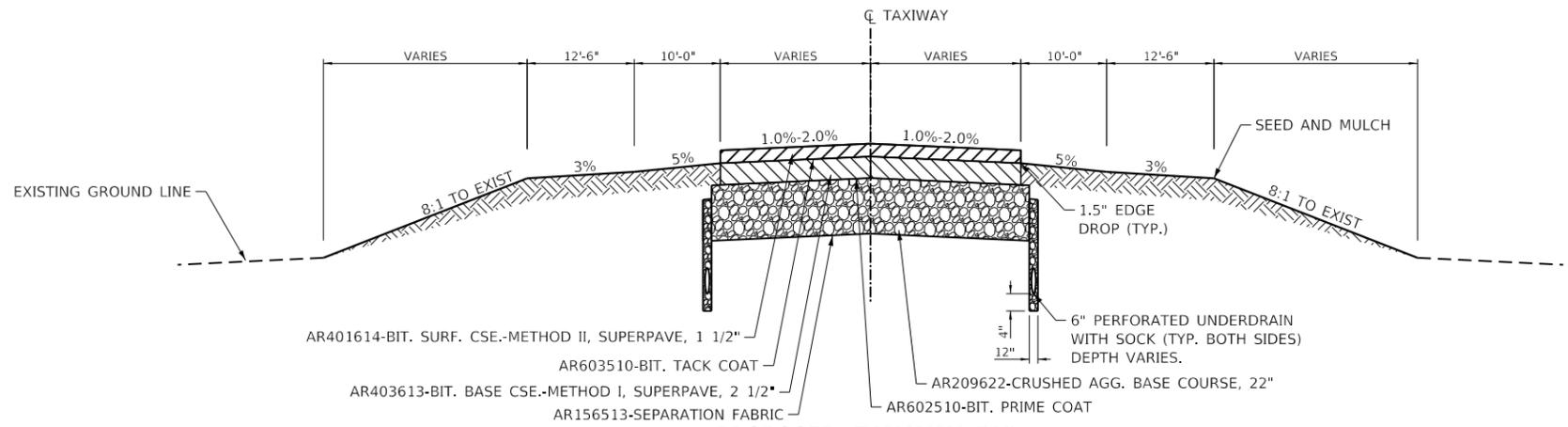
**PROPOSED RUNWAY OVERLAY 7-25**  
NOT TO SCALE

**GRADING NORTH EDGE OF RUNWAY**  
STA 134+50 TO STA 135+50

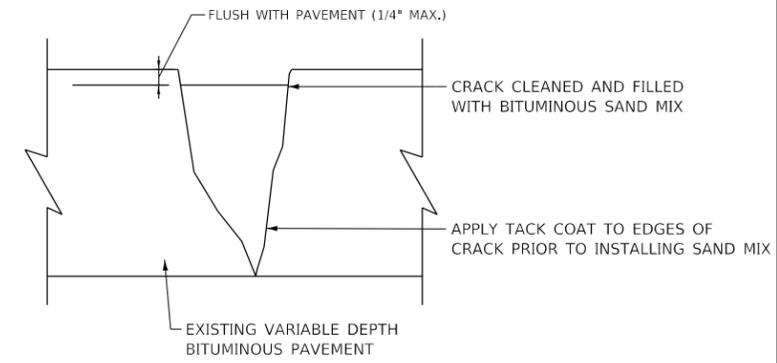


**REMOVAL OF EXISTING UNDERDRAIN  
NORTH EDGE OF PARALLEL TAXIWAY**

STA 127+84.00 TO STA 134+96.85  
NOT TO SCALE



**PROPOSED TAXIWAY "A"**  
NOT TO SCALE

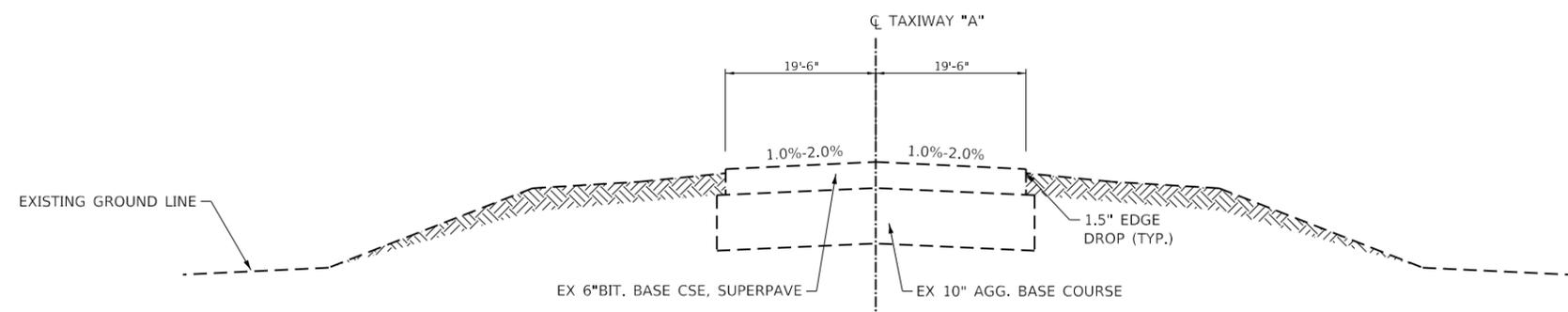


**HMA SAND MIX CRACK REPAIR DETAIL**

NOT TO SCALE

**CRACK REPAIR NOTES**

1. CRACKS TO BE FILLED WITH SAND MIX SHALL BE DESIGNATED BY THE RESIDENT ENGINEER.
2. SAND MIX CRACK REPAIR SHALL BE USED ON ALL CRACKS GREATER THAN 1" WIDE AS DESIGNATED BY THE RESIDENT ENGINEER.
3. CONTRACTOR SHALL ROUTE, CRACK PLOW AND REMOVE LOOSE FILLER, LOOSE AGGREGATE AND LAITANCE WITH COMPRESSED AIR AS SPECIFIED PRIOR TO SEALING.



**EXISTING TAXIWAY "A"**  
NOT TO SCALE

MODEL: 44081EN.MXD FILE NAME: S:\2019\1811007\_Rochelle Airport\CADD\CADD Sheets\007\_021811007-51c-hypk.dgn



|                            |                |           |
|----------------------------|----------------|-----------|
| USER NAME = tneffsmith     | DESIGNED - GSN | REVISED - |
| PLOT SCALE = 2,0000' / in. | DRAWN - TNS    | REVISED - |
| PLOT DATE = 5/7/2019       | CHECKED - TAW  | REVISED - |
|                            | DATE - 5/03/19 | REVISED - |

**ROCHELLE MUNICIPAL AIRPORT  
MAJOR THOMAS F. KORITZ FIELD  
ROCHELLE, OGLE COUNTY, ILLINOIS**

|                                       |                     |
|---------------------------------------|---------------------|
| <b>TYPICAL SECTIONS &amp; DETAILS</b> |                     |
| SCALE: 1"=1'                          | SHEET 1 OF 1 SHEETS |
| STA. _____                            | TO STA. _____       |

| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------|--------------|-----------|
|                           | OGLE   | 55           | 7         |
| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |

| RUNWAY SURFACE ELEVATIONS      |           |            |            |
|--------------------------------|-----------|------------|------------|
| EXISTING & PROPOSED ELEVATIONS |           |            |            |
| STATION                        | LEFT EDGE | CENTERLINE | RIGHT EDGE |
| 107+65                         | 771.50    | 772.13     | 771.60     |
| 108+00                         | 771.45    | 772.08     | 771.62     |
| 108+50                         | 771.30    | 772.03     | 771.52     |
| 109+00                         | 771.18    | 771.89     | 771.36     |
| 109+50                         | 771.14    | 771.83     | 771.28     |
| 110+00                         | 771.06    | 771.78     | 771.16     |
| 110+50                         | 770.98    | 771.66     | 771.02     |
| 111+00                         | 770.91    | 771.62     | 770.92     |
| 111+50                         | 770.84    | 771.57     | 770.89     |
| 112+00                         | 770.76    | 771.48     | 770.83     |
| 112+50                         | 770.72    | 771.40     | 770.77     |
| 113+00                         | 770.65    | 771.32     | 770.72     |
| 113+50                         | 770.57    | 771.29     | 770.71     |
| 114+00                         | 770.47    | 771.17     | 770.61     |
| 114+50                         | 770.41    | 771.09     | 770.52     |
| 115+00                         | 770.36    | 771.07     | 770.45     |
| 115+50                         | 770.28    | 771.02     | 770.36     |
| 116+00                         | 770.21    | 770.93     | 770.31     |
| 116+50                         | 770.18    | 770.86     | 770.28     |
| 117+00                         | 770.18    | 770.83     | 770.27     |
| 117+50                         | 770.18    | 770.80     | 770.29     |
| 118+00                         | 770.20    | 770.81     | 770.26     |
| 118+50                         | 770.25    | 770.85     | 770.37     |
| 119+00                         | 770.37    | 770.97     | 770.44     |
| 119+50                         | 770.52    | 771.18     | 770.59     |
| 120+00                         | 770.66    | 771.34     | 770.73     |
| 120+50                         | 770.78    | 771.46     | 770.86     |
| 121+00                         | 770.90    | 771.57     | 770.96     |
| 121+50                         | 771.03    | 771.68     | 771.04     |
| 122+00                         | 771.19    | 771.82     | 771.15     |
| 122+50                         | 771.40    | 771.99     | 771.33     |
| 123+00                         | 771.61    | 772.15     | 771.56     |
| 123+50                         | 771.77    | 772.31     | 771.86     |
| 124+00                         | 771.90    | 772.51     | 772.08     |
| 124+50                         | 772.10    | 772.73     | 772.30     |
| 125+00                         | 772.33    | 773.01     | 772.49     |
| 125+50                         | 772.51    | 773.20     | 772.70     |
| 126+00                         | 772.70    | 773.37     | 772.88     |
| 126+50                         | 772.88    | 773.57     | 772.95     |
| 127+00                         | 773.05    | 773.76     | 773.16     |
| 127+50                         | 773.23    | 773.94     | 773.32     |
| 128+00                         | 773.45    | 774.14     | 773.54     |
| 128+50                         | 773.70    | 774.36     | 773.70     |

| RUNWAY SURFACE ELEVATIONS      |           |            |            |
|--------------------------------|-----------|------------|------------|
| EXISTING & PROPOSED ELEVATIONS |           |            |            |
| STATION                        | LEFT EDGE | CENTERLINE | RIGHT EDGE |
| 129+00                         | 773.93    | 774.61     | 773.92     |
| 129+50                         | 774.19    | 774.82     | 774.11     |
| 130+00                         | 774.32    | 774.95     | 774.30     |
| 130+50                         | 774.49    | 775.14     | 774.55     |
| 131+00                         | 774.72    | 775.33     | 774.75     |
| 131+50                         | 774.93    | 775.50     | 774.95     |
| 132+00                         | 775.06    | 775.64     | 774.97     |
| 132+50                         | 775.22    | 775.81     | 775.23     |
| 133+00                         | 775.35    | 775.96     | 775.29     |
| 133+50                         | 775.41    | 776.02     | 775.32     |
| 134+00                         | 775.38    | 776.03     | 775.48     |
| 134+50                         | 775.38    | 776.07     | 775.69     |
| 135+00                         | 775.44    | 776.07     | 775.72     |
| 135+50                         | 775.46    | 776.04     | 775.58     |
| 136+00                         | 775.40    | 776.03     | 775.47     |
| 136+50                         | 775.36    | 776.04     | 775.39     |
| 137+00                         | 775.35    | 776.03     | 775.41     |
| 137+50                         | 775.34    | 776.01     | 775.47     |
| 138+00                         | 775.37    | 776.01     | 775.48     |
| 138+50                         | 775.41    | 776.02     | 775.50     |
| 139+00                         | 775.40    | 776.03     | 775.50     |
| 139+50                         | 775.44    | 776.07     | 775.58     |
| 140+00                         | 775.55    | 776.18     | 775.74     |
| 140+50                         | 775.64    | 776.30     | 775.80     |
| 141+00                         | 775.78    | 776.44     | 775.87     |
| 141+50                         | 775.99    | 776.61     | 776.00     |
| 142+00                         | 776.22    | 776.81     | 776.21     |
| 142+50                         | 776.42    | 777.07     | 776.47     |
| 143+00                         | 776.68    | 777.31     | 776.73     |
| 143+50                         | 777.00    | 777.63     | 777.05     |
| 144+00                         | 777.30    | 777.94     | 777.34     |
| 144+50                         | 777.64    | 778.25     | 777.65     |
| 145+00                         | 777.91    | 778.55     | 777.97     |
| 145+50                         | 778.25    | 778.87     | 778.30     |
| 146+00                         | 778.55    | 779.19     | 778.64     |
| 146+50                         | 778.84    | 779.46     | 778.90     |
| 147+00                         | 779.14    | 779.72     | 779.21     |
| 147+50                         | 779.49    | 779.98     | 779.53     |
| 148+00                         | 779.71    | 780.20     | 779.73     |
| 148+50                         | 779.83    | 780.36     | 779.90     |
| 149+00                         | 779.93    | 780.53     | 780.07     |
| 149+50                         | 780.08    | 780.80     | 780.27     |
| 150+00                         | 780.29    | 780.98     | 780.39     |

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 PLOT DATE = 5/7/2019

DESIGNED - GSN  
 DRAWN - TNS  
 CHECKED - TAW  
 DATE - 5/03/19

REVISED -  
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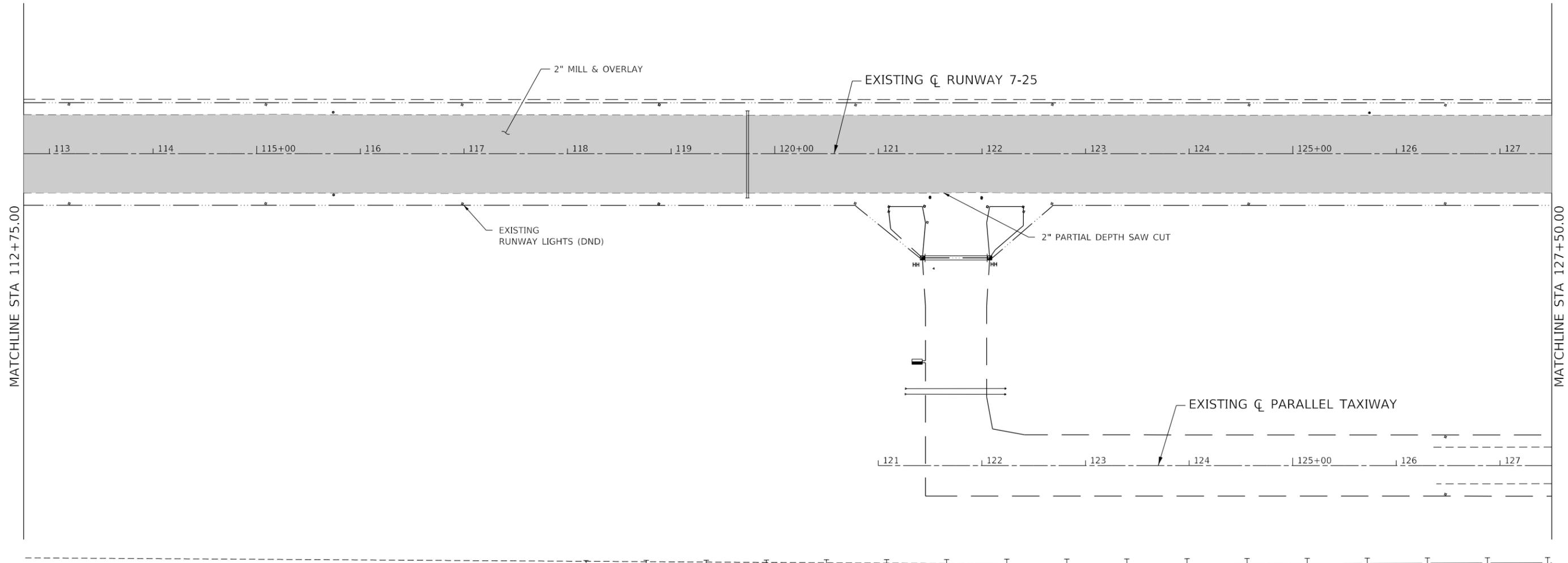
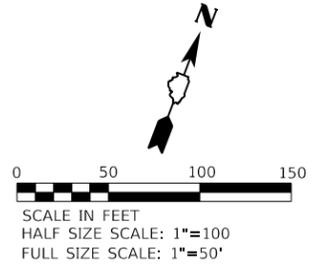
**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

**RUNWAY SURFACE ELEVATIONS**

SCALE: 1"=1'      SHEET 1 OF 1 SHEETS      STA.      TO STA.

|                    |        |                  |           |
|--------------------|--------|------------------|-----------|
| SECTION            | COUNTY | TOTAL SHEETS     | SHEET NO. |
|                    | OGLE   | 55               | 8         |
| CONTRACT NO. RC009 |        |                  |           |
| ILLINOIS           |        | FED. AID PROJECT |           |



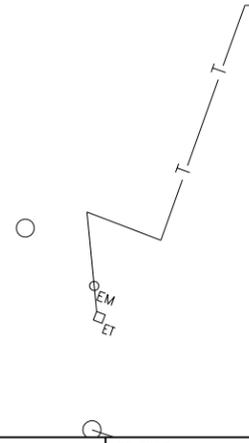


**NOTES**

1. SEE RUNWAY SURFACE ELEVATION PLAN SHEET FOR FINAL ELEVATIONS.
2. ALL ELECTRICAL WORK TO BE DEFINED IN THE ELECTRICAL SHEETS.
3. PARTIAL DEPTH SAW CUT IS CONSIDERED INCIDENTAL TO THE OVERLAY WORK. NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR.

**LEGEND**

- AR401614 BIT. SURF. CSE-METHOD II, SUPERPAVE, 2"
- AR401650 BIT. PAVEMENT MILLING, 2"



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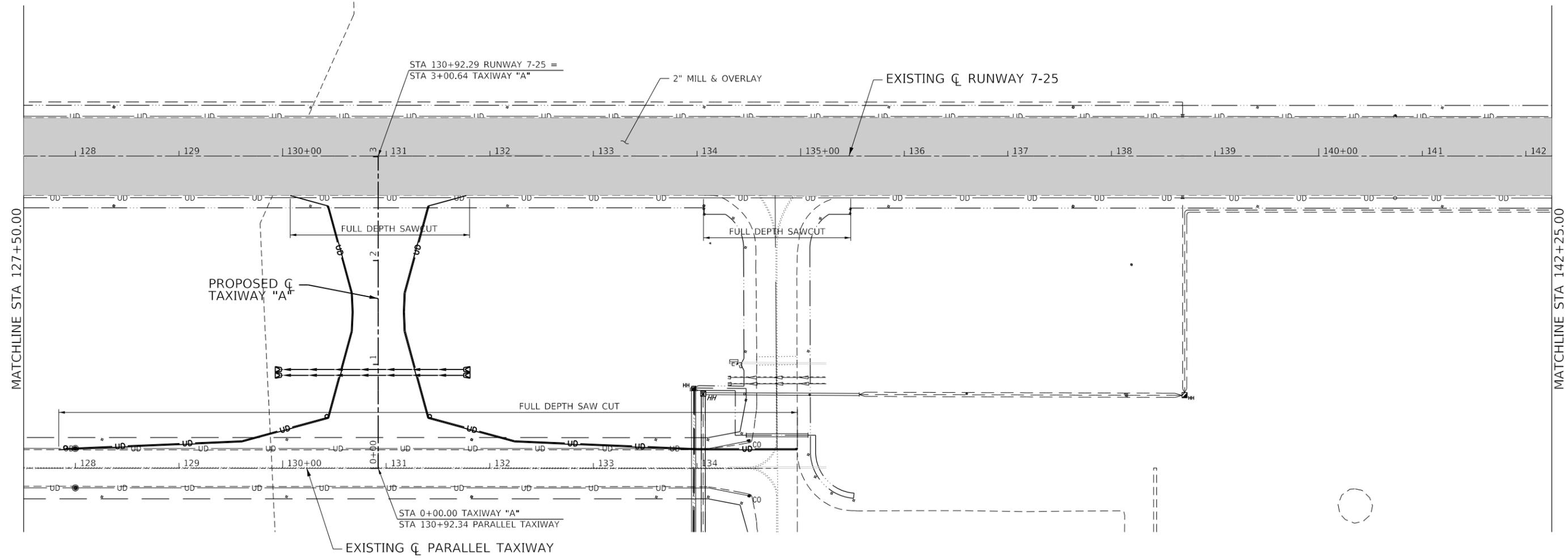
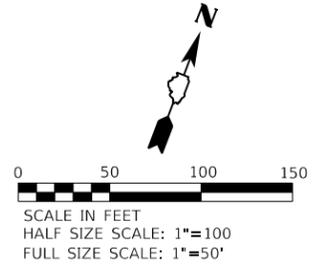
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| PLOT DATE = 5/7/2019         | CHECKED - TAW  | REVISED - |
|                              | DATE - 5/03/19 | REVISED - |

**ROCHELLE MUNICIPAL AIRPORT**  
**MAJOR THOMAS F. KORITZ FIELD**  
**ROCHELLE, OGLE COUNTY, ILLINOIS**

**MILLING AND OVERLAY PLAN**  
**STA. 112+75.00 TO STA. 127+50.00**

SCALE: 1"=50'    SHEET 2 OF 4 SHEETS    STA. 112+75.00 TO STA. 127+50.00

|                    |        |                  |           |
|--------------------|--------|------------------|-----------|
| SECTION            | COUNTY | TOTAL SHEETS     | SHEET NO. |
|                    | OGLE   | 55               | 10        |
| CONTRACT NO. RC009 |        |                  |           |
| ILLINOIS           |        | FED. AID PROJECT |           |



**NOTES**

1. SEE RUNWAY SURFACE ELEVATION PLAN SHEET FOR FINAL ELEVATIONS.
2. ALL ELECTRICAL WORK TO BE DEFINED IN THE ELECTRICAL SHEETS.
3. FULL DEPTH SAW CUT IS CONSIDERED INCIDENTAL TO THE OVERLAY AND REMOVAL WORK. NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR.

**LEGEND**

- AR401614 BIT. SURF. CSE.-METHOD II, SUPERPAVE, 2"
- AR401650 BIT. PAVEMENT MILLING, 2"

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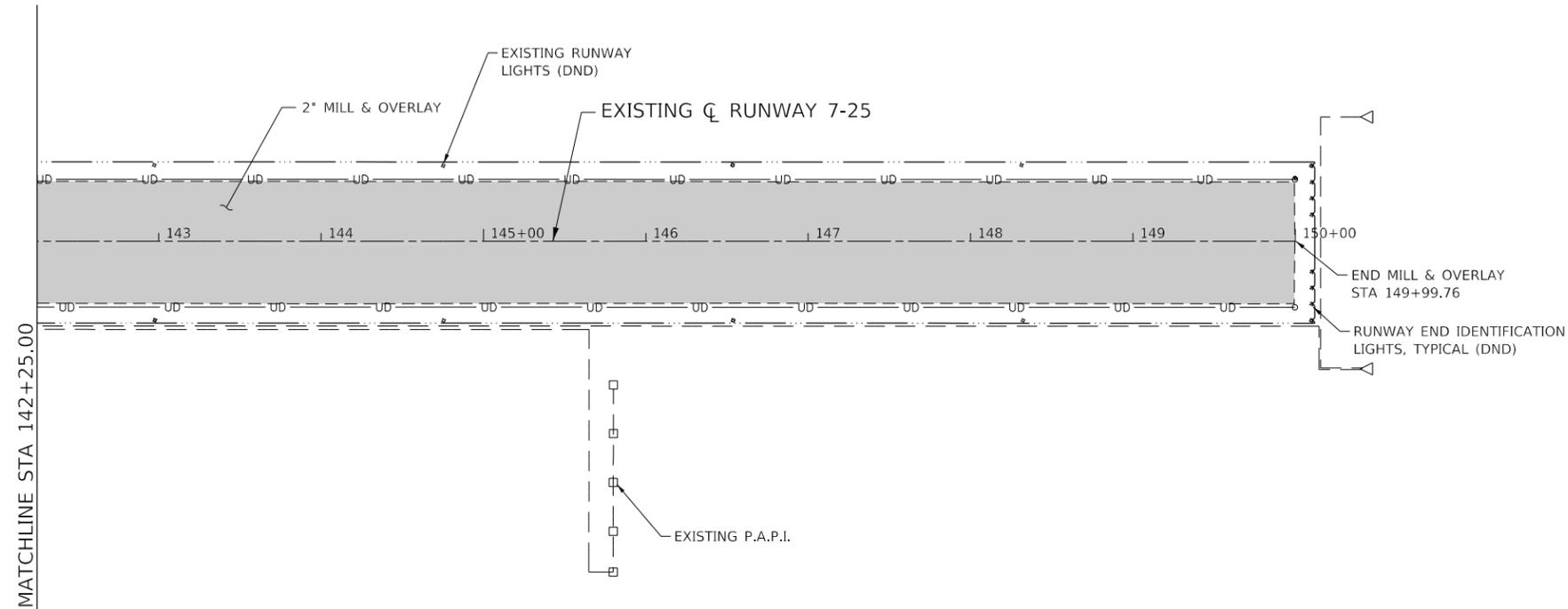
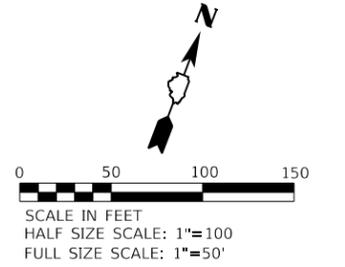


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|------------------------------|----------------|-----------|
| USER NAME = tneffsmith       | DESIGNED - GSN | REVISED - |
| PLOT SCALE = 100.0000' / in. | DRAWN - TNS    | REVISED - |
| PLOT DATE = 5/7/2019         | CHECKED - TAW  | REVISED - |
|                              | DATE - 5/03/19 | REVISED - |

**ROCHELLE MUNICIPAL AIRPORT**  
**MAJOR THOMAS F. KORITZ FIELD**  
**ROCHELLE, OGLE COUNTY, ILLINOIS**

|  |         |             |                                  |
|--|---------|-------------|----------------------------------|
| <b>MILLING AND OVERLAY PLAN</b><br><b>STA. 127+50.00 TO STA. 142+25.00</b> |         |             |                                  |
| SCALE: 1"=50'  | SHEET 3 | OF 4 SHEETS | STA. 127+50.00 TO STA. 142+25.00 |

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | OGLE   | 55           | 11        |
| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



**NOTES**

1. SEE RUNWAY SURFACE ELEVATION PLAN SHEET FOR FINAL ELEVATIONS.
2. ALL ELECTRICAL WORK TO BE DEFINED IN THE ELECTRICAL SHEETS.

**LEGEND**

- AR401614 BIT. SURF. CSE.-METHOD II, SUPERPAVE, 2"
- AR401650 BIT. PAVEMENT MILLING, 2"

MODEL: 41409E1.MXD  
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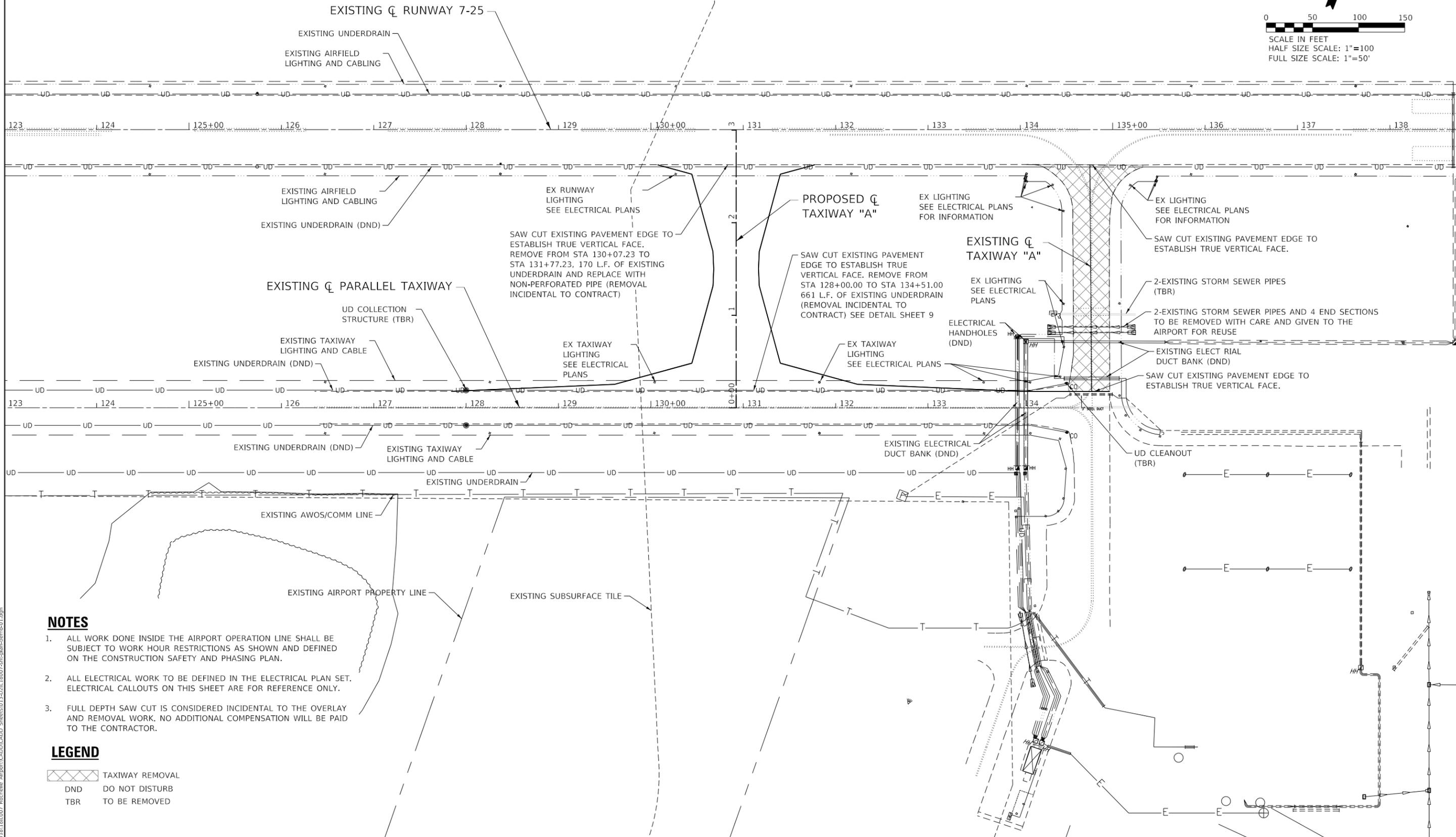
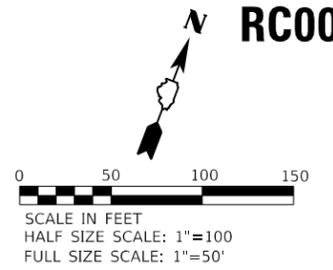
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| DRAWN - TNS                  | CHECKED - TAW  | REVISED - |
| PLOT SCALE = 100.0000' / in. | DATE - 5/03/19 | REVISED - |
| PLOT DATE = 5/7/2019         |                |           |

**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

**MILLING AND OVERLAY PLAN  
 STA. 142+25.00 TO STA. 150+00.00**

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 142+25.00 TO STA. 150+00.00

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | OGLE   | 55           | 12        |
| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



**NOTES**

1. ALL WORK DONE INSIDE THE AIRPORT OPERATION LINE SHALL BE SUBJECT TO WORK HOUR RESTRICTIONS AS SHOWN AND DEFINED ON THE CONSTRUCTION SAFETY AND PHASING PLAN.
2. ALL ELECTRICAL WORK TO BE DEFINED IN THE ELECTRICAL PLAN SET. ELECTRICAL CALLOUTS ON THIS SHEET ARE FOR REFERENCE ONLY.
3. FULL DEPTH SAW CUT IS CONSIDERED INCIDENTAL TO THE OVERLAY AND REMOVAL WORK. NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR.

**LEGEND**

- TAXIWAY REMOVAL
- DND DO NOT DISTURB
- TBR TO BE REMOVED

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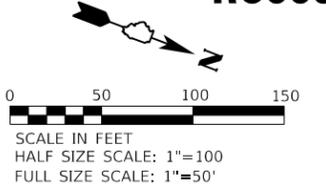
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| PLOT DATE = 5/7/2019         | CHECKED - TAW  | REVISED - |
|                              | DATE - 5/03/19 | REVISED - |

**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

**EXISTING CIVIL SITE  
 DEMOLITION PLAN**

SCALE: 1"=50'    SHEET 1 OF 1 SHEETS    STA. 127+50.00 TO STA. 142+25.00

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | OGLE   | 55           | 13        |
| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



**NOTES**

- ALL WORK DONE INSIDE THE AIRPORT OPERATION LINE SHALL BE SUBJECT TO WORK HOUR RESTRICTIONS AS SHOWN AND DEFINED ON THE CONSTRUCTION SAFETY AND PHASING PLAN.
- ALL ELECTRICAL WORK TO BE DEFINED IN THE ELECTRICAL PLAN SET. ELECTRICAL CALLOUTS ON THIS SHEET ARE FOR REFERENCE ONLY.

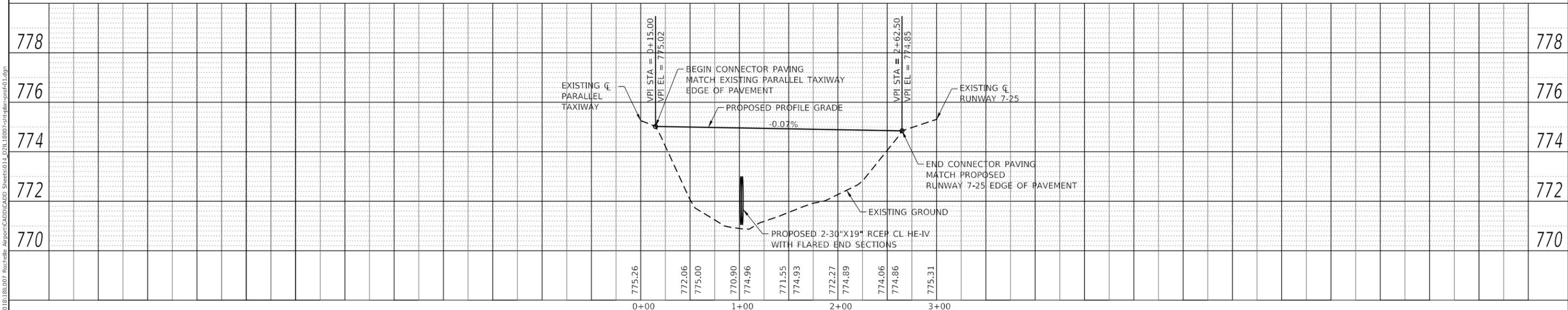
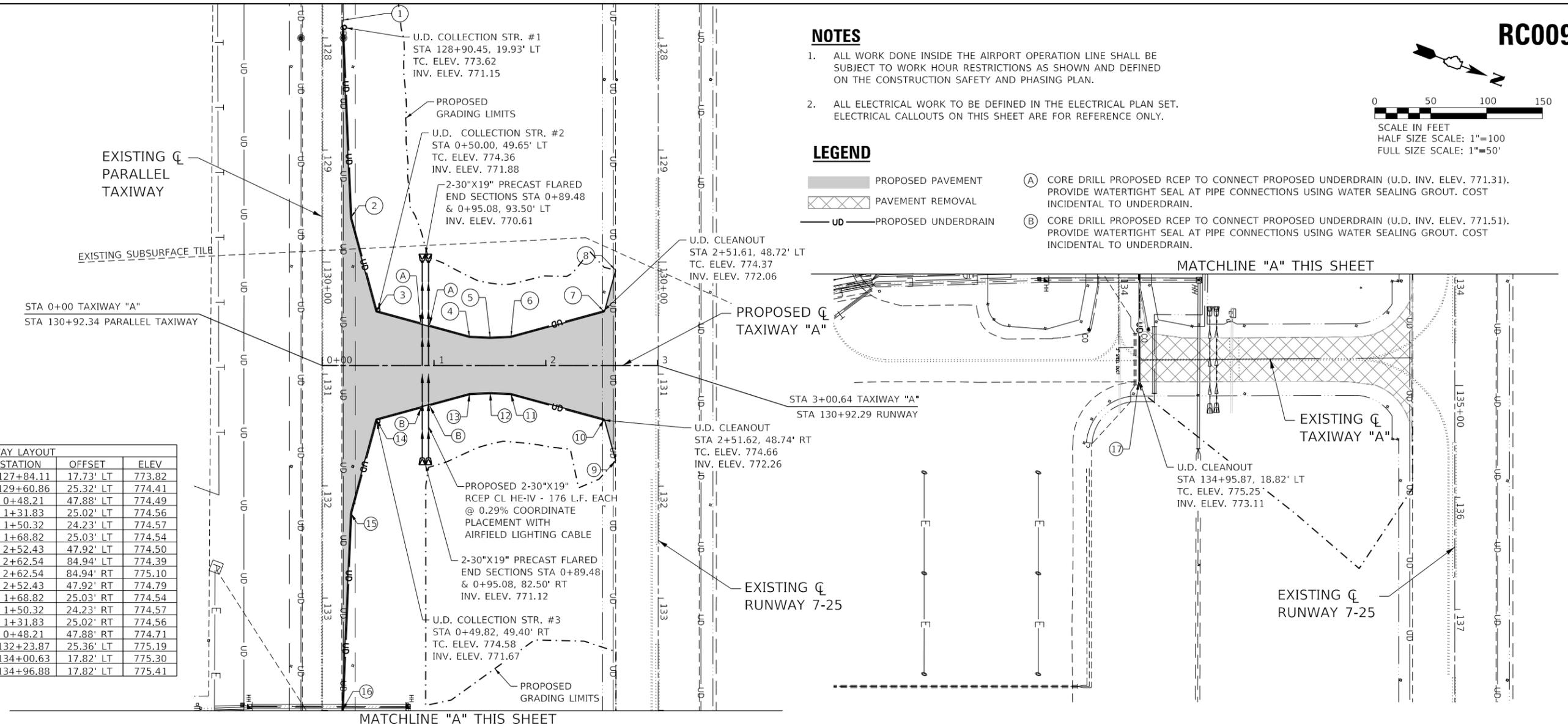
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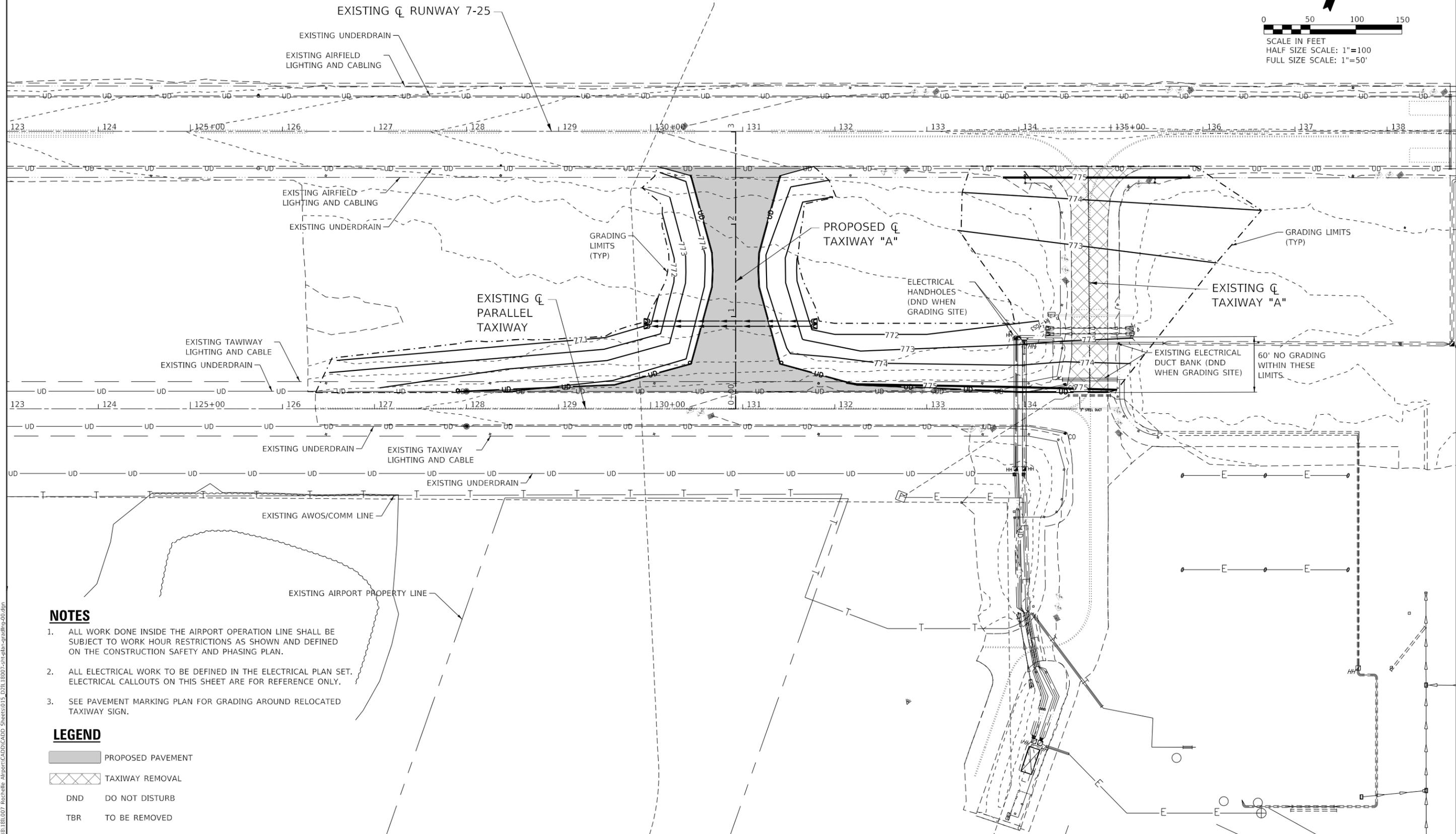
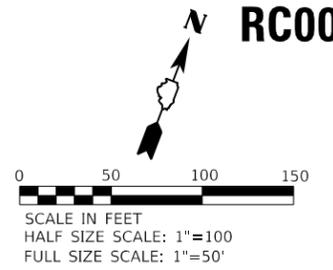
- PROPOSED PAVEMENT
- PAVEMENT REMOVAL
- PROPOSED UNDERDRAIN
- CORE DRILL PROPOSED RCEP TO CONNECT PROPOSED UNDERDRAIN (U.D. INV. ELEV. 771.31). PROVIDE WATERTIGHT SEAL AT PIPE CONNECTIONS USING WATER SEALING GROUT. COST INCIDENTAL TO UNDERDRAIN.
- CORE DRILL PROPOSED RCEP TO CONNECT PROPOSED UNDERDRAIN (U.D. INV. ELEV. 771.51). PROVIDE WATERTIGHT SEAL AT PIPE CONNECTIONS USING WATER SEALING GROUT. COST INCIDENTAL TO UNDERDRAIN.

|                           |  |
|---------------------------|--|
| DATE                      |  |
| BY                        |  |
| PLAN                      |  |
| SURVEYED                  |  |
| PLOTTED                   |  |
| ALIGNMENT CHECKED         |  |
| GRADES CHECKED            |  |
| STRUCTURE NOTATION CURVED |  |
| NOTE BOOK NO.             |  |
| CADD FILE NAME            |  |

|                           |  |
|---------------------------|--|
| DATE                      |  |
| BY                        |  |
| PROFILE                   |  |
| SURVEYED                  |  |
| PLOTTED                   |  |
| GRADES CHECKED            |  |
| STRUCTURE NOTATION CURVED |  |
| NOTE BOOK NO.             |  |
| CADD FILE NAME            |  |

| TAXIWAY LAYOUT |               |           |           |        |
|----------------|---------------|-----------|-----------|--------|
| POINT #        | ALIGNMENT     | STATION   | OFFSET    | ELEV   |
| 1              | PARELLEL TXWY | 127+84.11 | 17.73' LT | 773.82 |
| 2              | PARELLEL TXWY | 129+60.86 | 25.32' LT | 774.41 |
| 3              | TAXIWAY "A"   | 0+48.21   | 47.88' LT | 774.49 |
| 4              | TAXIWAY "A"   | 1+31.83   | 25.02' LT | 774.56 |
| 5              | TAXIWAY "A"   | 1+50.32   | 24.23' LT | 774.57 |
| 6              | TAXIWAY "A"   | 1+68.82   | 25.03' LT | 774.54 |
| 7              | TAXIWAY "A"   | 2+52.43   | 47.92' LT | 774.50 |
| 8              | TAXIWAY "A"   | 2+62.54   | 84.94' LT | 774.39 |
| 9              | TAXIWAY "A"   | 2+62.54   | 84.94' RT | 775.10 |
| 10             | TAXIWAY "A"   | 2+52.43   | 47.92' RT | 774.79 |
| 11             | TAXIWAY "A"   | 1+68.82   | 25.03' RT | 774.54 |
| 12             | TAXIWAY "A"   | 1+50.32   | 24.23' RT | 774.57 |
| 13             | TAXIWAY "A"   | 1+31.83   | 25.02' RT | 774.56 |
| 14             | TAXIWAY "A"   | 0+48.21   | 47.88' RT | 774.71 |
| 15             | PARELLEL TXWY | 132+23.87 | 25.36' LT | 775.19 |
| 16             | PARELLEL TXWY | 134+00.63 | 17.82' LT | 775.30 |
| 17             | PARELLEL TXWY | 134+96.88 | 17.82' LT | 775.41 |





**NOTES**

1. ALL WORK DONE INSIDE THE AIRPORT OPERATION LINE SHALL BE SUBJECT TO WORK HOUR RESTRICTIONS AS SHOWN AND DEFINED ON THE CONSTRUCTION SAFETY AND PHASING PLAN.
2. ALL ELECTRICAL WORK TO BE DEFINED IN THE ELECTRICAL PLAN SET. ELECTRICAL CALLOUTS ON THIS SHEET ARE FOR REFERENCE ONLY.
3. SEE PAVEMENT MARKING PLAN FOR GRADING AROUND RELOCATED TAXIWAY SIGN.

**LEGEND**

- PROPOSED PAVEMENT
- TAXIWAY REMOVAL
- DND DO NOT DISTURB
- TBR TO BE REMOVED

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PLOT DATE = 5/7/2019

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DATE - 5/03/19

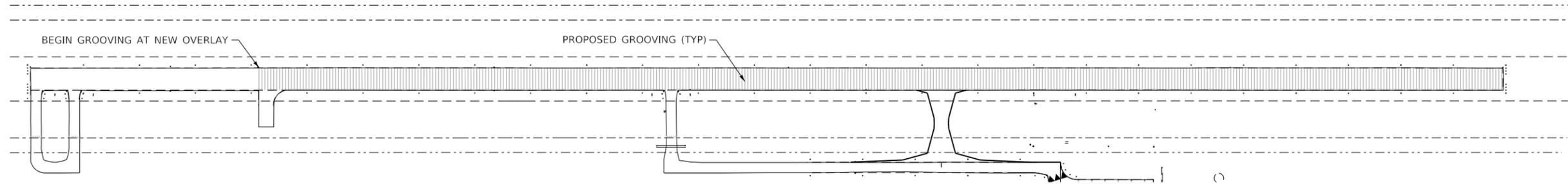
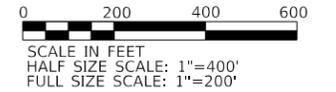
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**ROCHELLE MUNICIPAL AIRPORT  
MAJOR THOMAS F. KORITZ FIELD  
ROCHELLE, OGLE COUNTY, ILLINOIS**

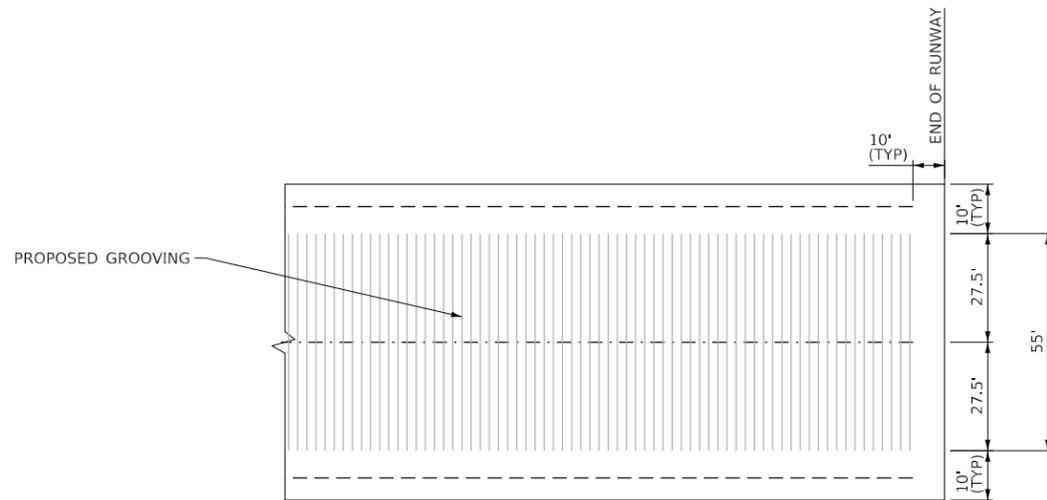
**GRADING PLAN**

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. TO STA.

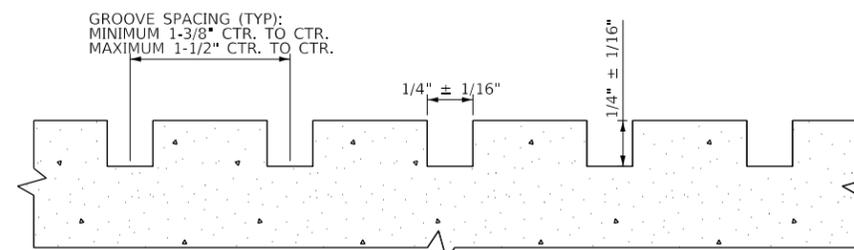
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|--------------------|--------|------------------|-----------|
|                    | OGLE   | 55               | 15        |
| CONTRACT NO. RC009 |        |                  |           |
| ILLINOIS           |        | FED. AID PROJECT |           |



**RUNWAY PLAN**



**RUNWAY 7/25  
PLAN VIEW  
NO SCALE**



**GROOVE DIMENSIONS  
NO SCALE**

**SLURRY WASHOUT**  
NOT TO SCALE

**PLAN**

**SECTION**

**STAPLE DETAIL**

**ABOVE GROUND TEMPORARY WASHOUT – AT CONTRACTOR'S OPTION**

**NOTES**

- CONTRACTOR SHALL DETERMINE LOCATION AND SIZE OF WASHOUT, TO BE APPROVED BY THE RESIDENT ENGINEER.
- A WASHOUT SIGN SHALL BE INSTALLED WITHIN 20 FEET OF THE TEMPORARY WASHOUT FACILITY. AT A MINIMUM, THE SIGN SHALL READ "SLURRY WASHOUT" IN 6" TALL LETTERS.
- INSPECTION SHALL OCCUR DAILY DURING GROOVING OPERATIONS. REPAIR/REPLACEMENT OF THE FACILITY SHALL BE MADE SUCH THAT SLURRY WASTE IS CONTAINED.
- MEDIA SHALL BE REMOVED AND DISPOSED OF AT A LEGAL OFF-SITE LOCATION WHEN THE FACILITY HAS REACHED 50% CAPACITY.
- WITHIN TWO DAYS OF COMPLETION OF SLURRY OPERATIONS, THE WASHOUT AND ALL MATERIALS CONTAINED WITHIN SHALL BE DISPOSED OF AT A LEGAL OFF-SITE LOCATION.

**GROOVING NOTES**

- GROOVING SHALL EXTEND OUTWARD 27.5' FROM CENTERLINE OF RUNWAY 7/25.
- SUCCESSIVE PASSES OF GROOVING MACHINE SHALL NOT OVERLAP.
- EXTREME CARE SHALL BE TAKEN WHEN GROOVING NEAR IN-PAVEMENT LIGHT FIXURES AND SUBSURFACE WIRING. GROOVES SHALL BE SAWED NO CLOSER THAN 6" AND NO MORE THAN 18" TO SUCH FACILITIES.
- CLEANUP OF WASTE MATERIAL SHALL BE CONTINUOUS AND TIMELY DURING THE GROOVING OPERATION. WASTE MATERIAL SHALL BE DISPOSED OF OFF AIRPORT PROPERTY.
- AT THE CONTRACTOR'S OPTION, SLURRY MAY BE STORED ON SITE AT A LOCATION WITHIN THE CONTRACTOR STAGING AND STORAGE AREA(S). THE CONTRACTOR SHALL BE ALLOWED TO CONSTRUCT A TEMPORARY WASHOUT PIT IN ACCORDANCE WITH STANDARD PRACTICES. A WASHOUT PIT SHALL BE ALLOWED TO BE CONSTRUCTED AT EACH STAGING AREA. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE THE SLURRY FOR PROPER FINAL DISPOSAL OFF AIRPORT PROPERTY WITHIN TWO BUSINESS DAYS TO PREVENT WATERFOWL FROM BEING ATTRACTED TO THE AREA. NO ADDITIONAL COMPENSATION FOR THE EXCAVATION AND RESTORATION OF THE WASHOUT PIT(S) SHALL BE ALLOWED.

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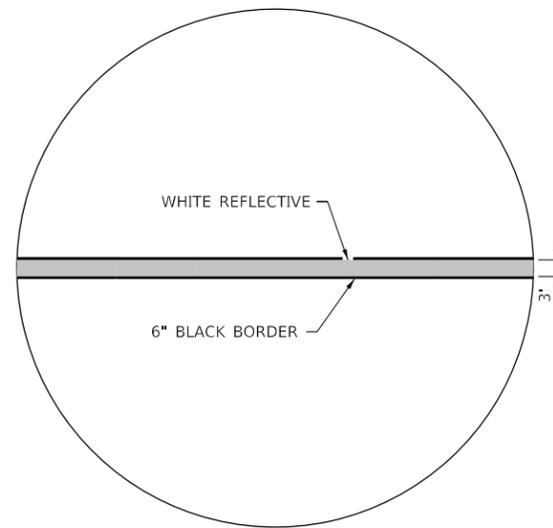
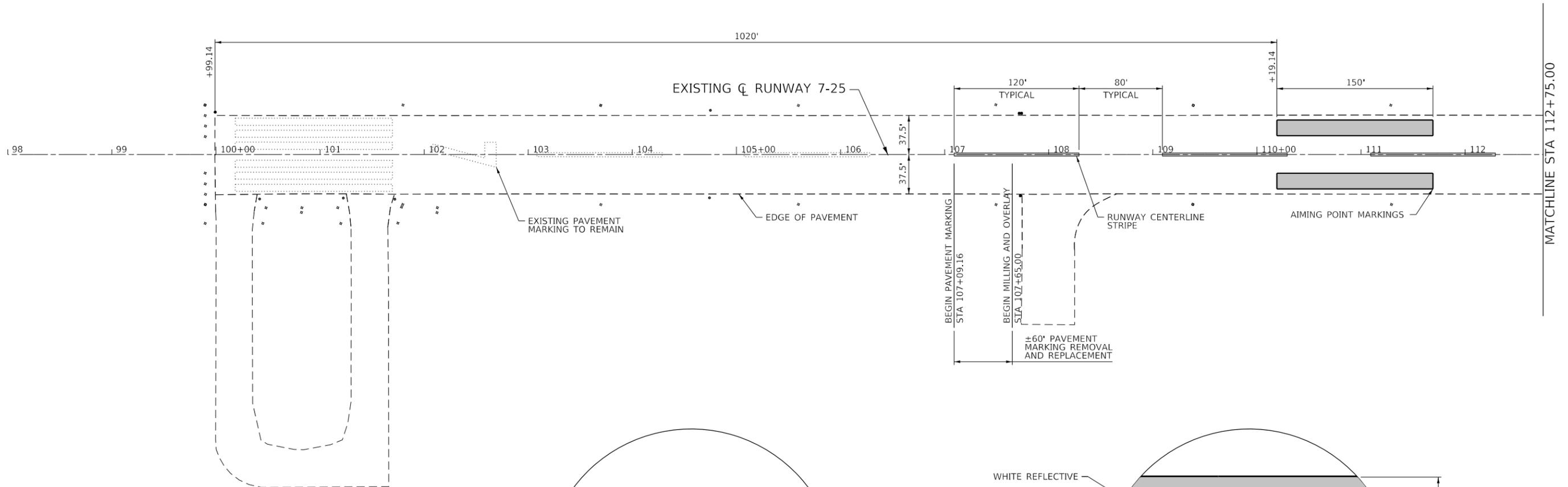
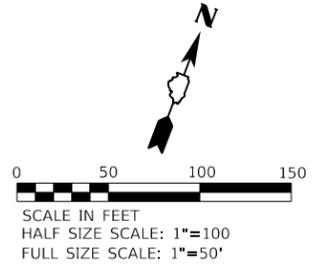
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| PLOT DATE = 5/7/2019          | CHECKED - TAW  | REVISED - |
|                               | DATE - 5/03/19 | REVISED - |

**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

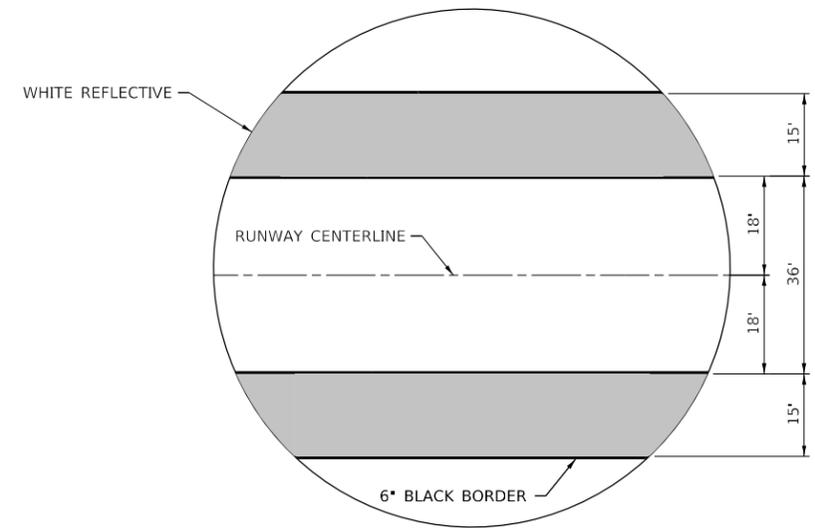
**GROOVING PLAN AND DETAILS**

SCALE: 1"=200' SHEET 1 OF 1 SHEETS STA. TO STA.

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | OGLE   | 55           | 16        |
| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



RUNWAY CENTERLINE STRIPE DETAIL



AIMING MARKER DETAIL

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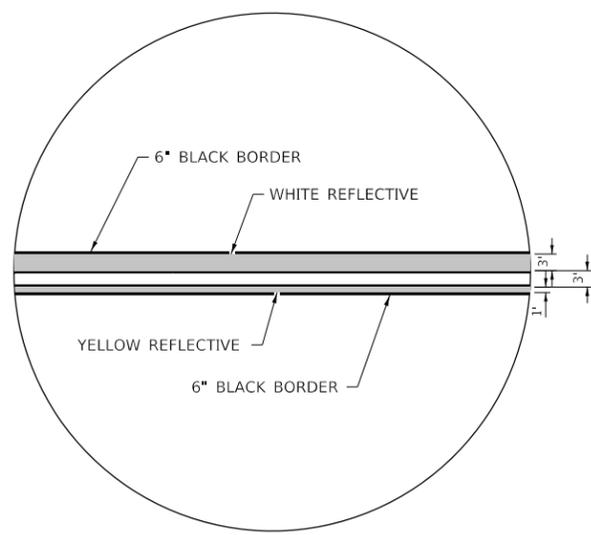
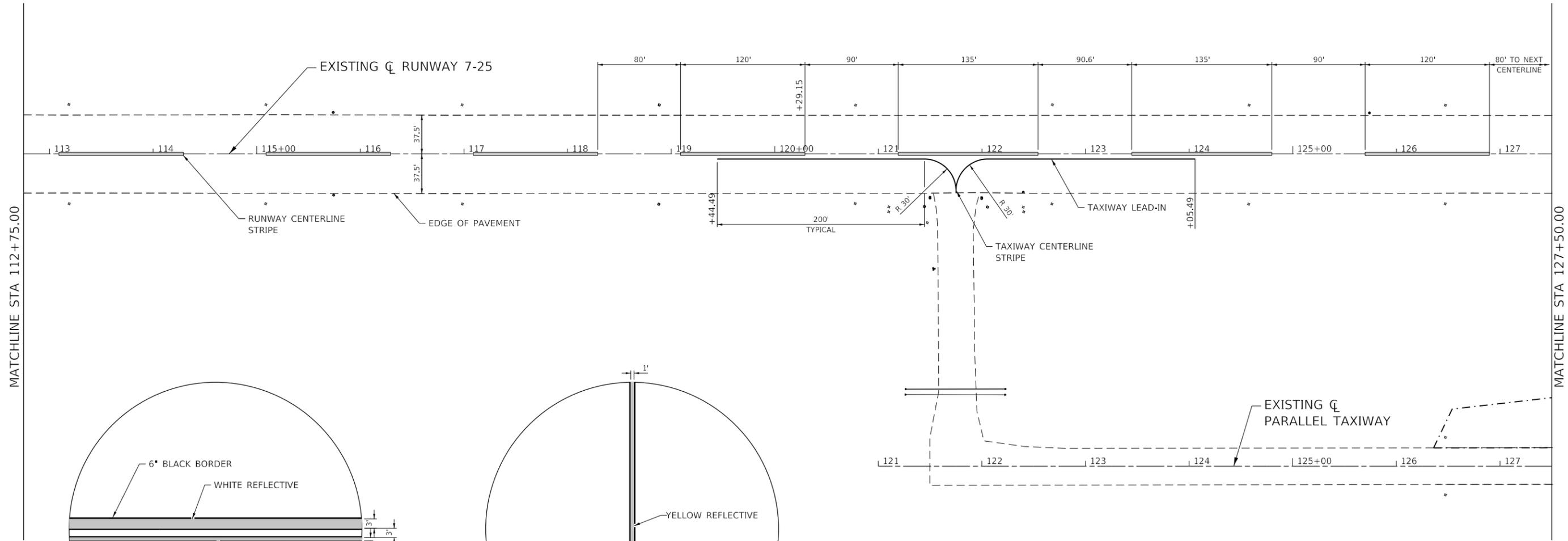
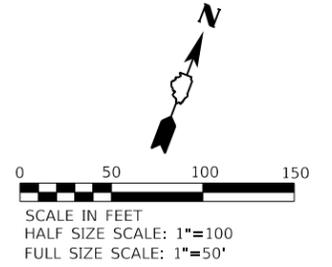
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**ROCHELLE MUNICIPAL AIRPORT  
MAJOR THOMAS F. KORITZ FIELD  
ROCHELLE, OGLE COUNTY, ILLINOIS**

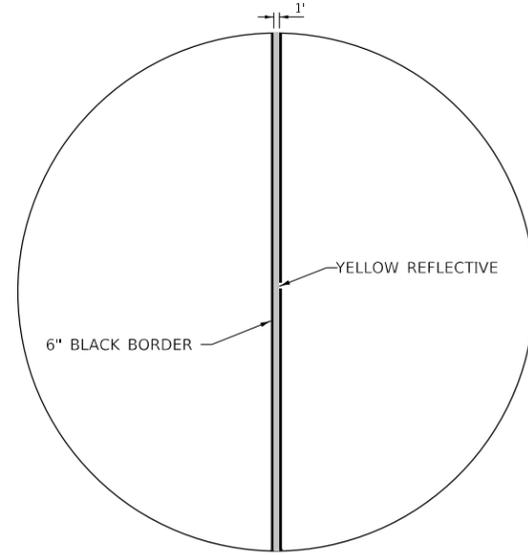
**PAVEMENT MARKING PLAN  
STA. 107+09.16 TO STA. 112+75.00**

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 107+09.16 TO STA. 112+75.00

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | OGLE   | 55           | 17        |
| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



TAXIWAY LEAD-IN TANGENT DETAIL



TAXIWAY CENTERLINE DETAIL

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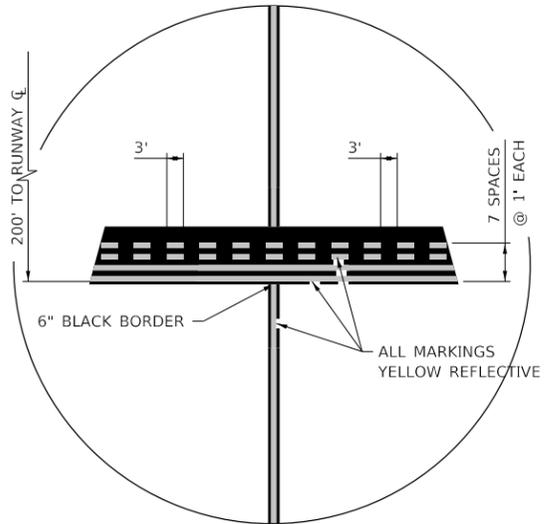
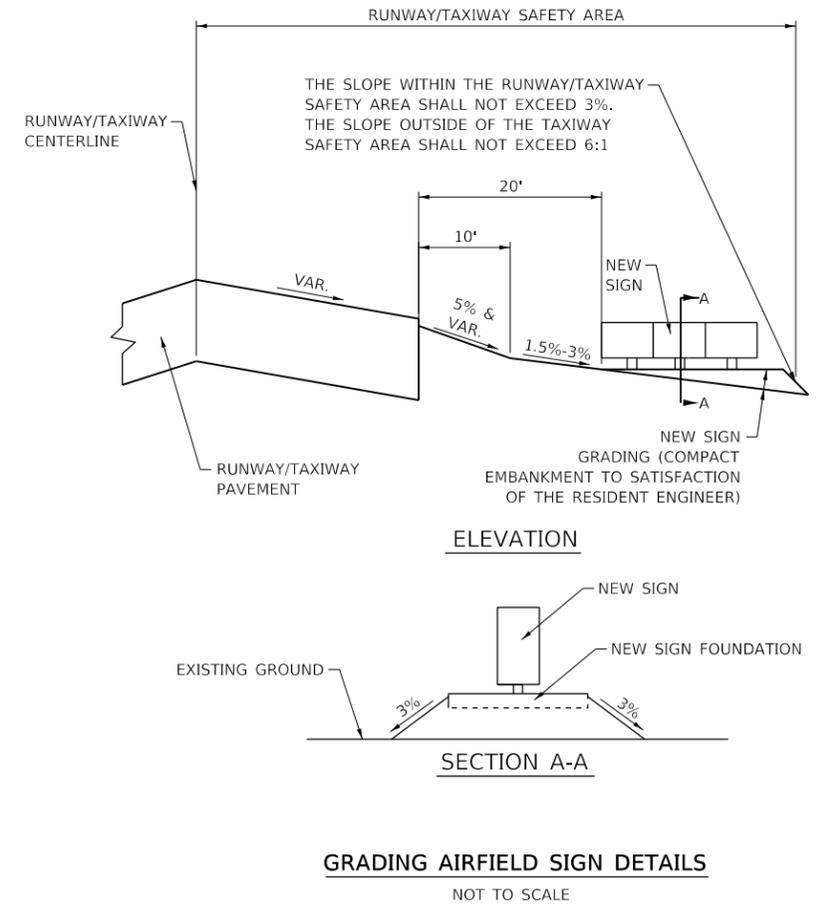
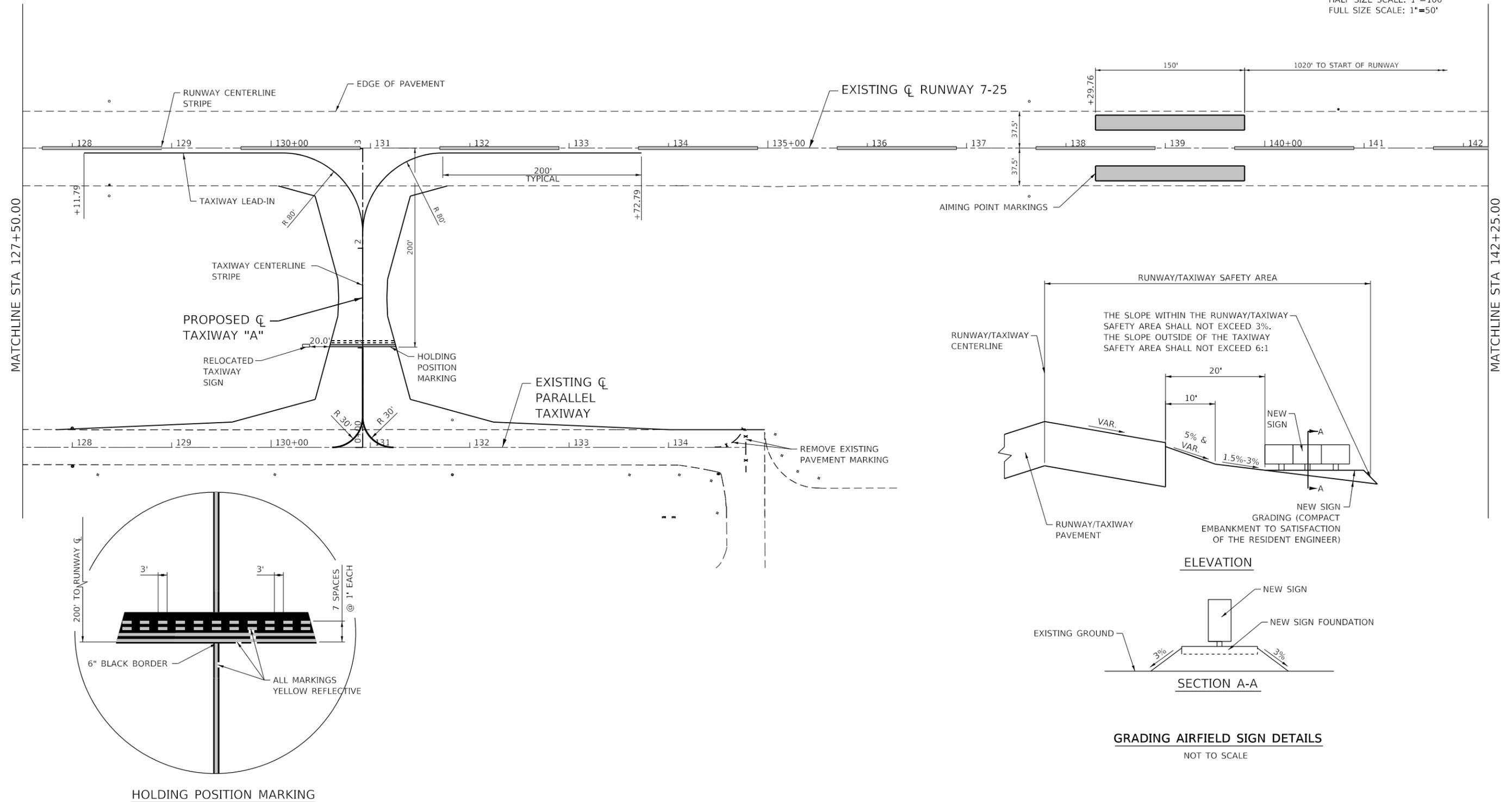
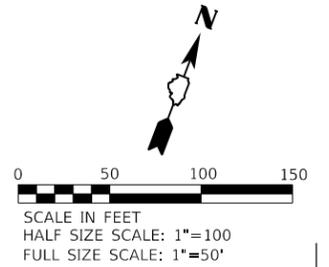
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| PLOT DATE = 5/7/2019         | CHECKED - TAW  | REVISED - |
|                              | DATE - 5/03/19 | REVISED - |

**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

**PAVEMENT MARKING PLAN  
 STA. 112+75.00 TO STA. 127+50.00**

SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 112+75.00 TO STA. 127+50.00

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | OGLE   | 55           | 18        |
| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



GRADING AIRFIELD SIGN DETAILS  
NOT TO SCALE

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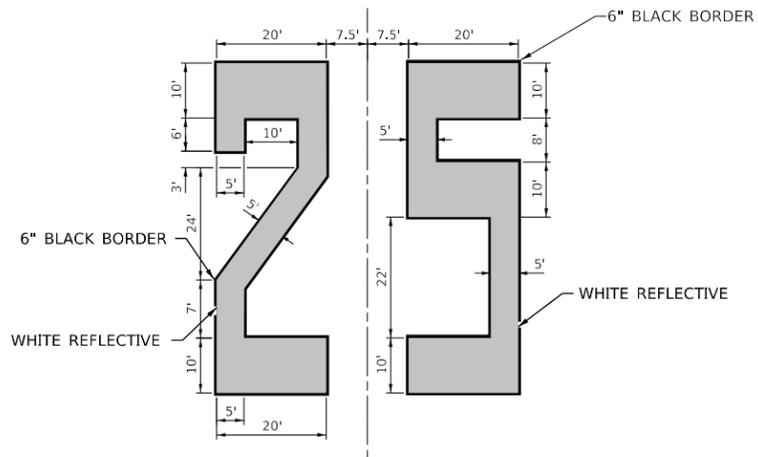
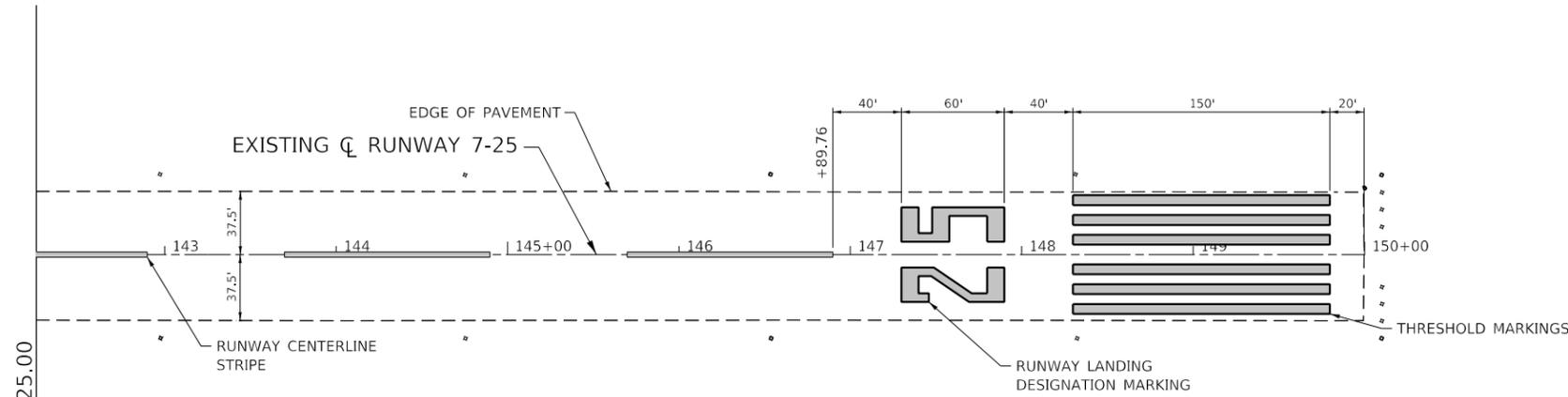
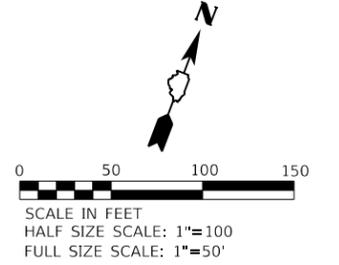


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**ROCHELLE MUNICIPAL AIRPORT  
MAJOR THOMAS F. KORITZ FIELD  
ROCHELLE, OGLE COUNTY, ILLINOIS**

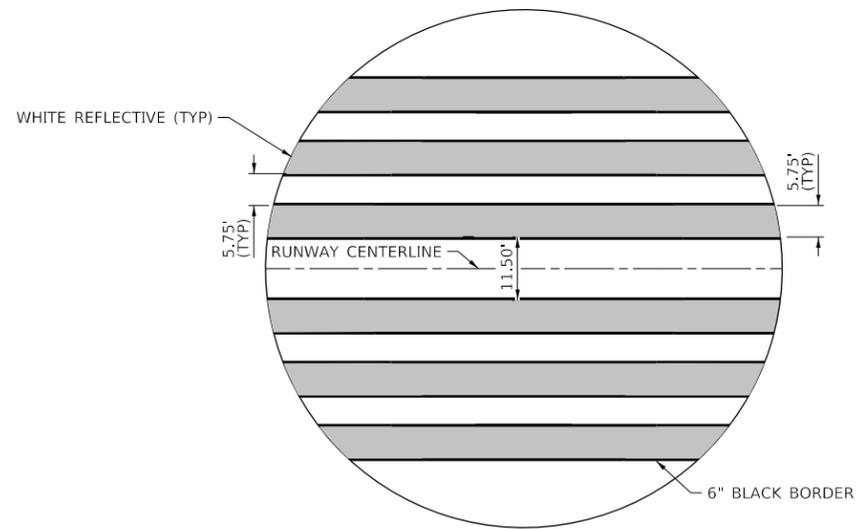
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| <b>PAVEMENT MARKING PLAN</b>            |                     |
| <b>STA. 127+50.00 TO STA. 142+25.00</b> |                     |
| SCALE: 1"=50'                           | SHEET 3 OF 4 SHEETS |
| STA. 127+50.00                          | TO STA. 142+25.00   |

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | OGLE   | 55           | 19        |
| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



NUMERAL "2" DETAIL

NUMERAL "5" DETAIL



THRESHOLD MARKING DETAIL

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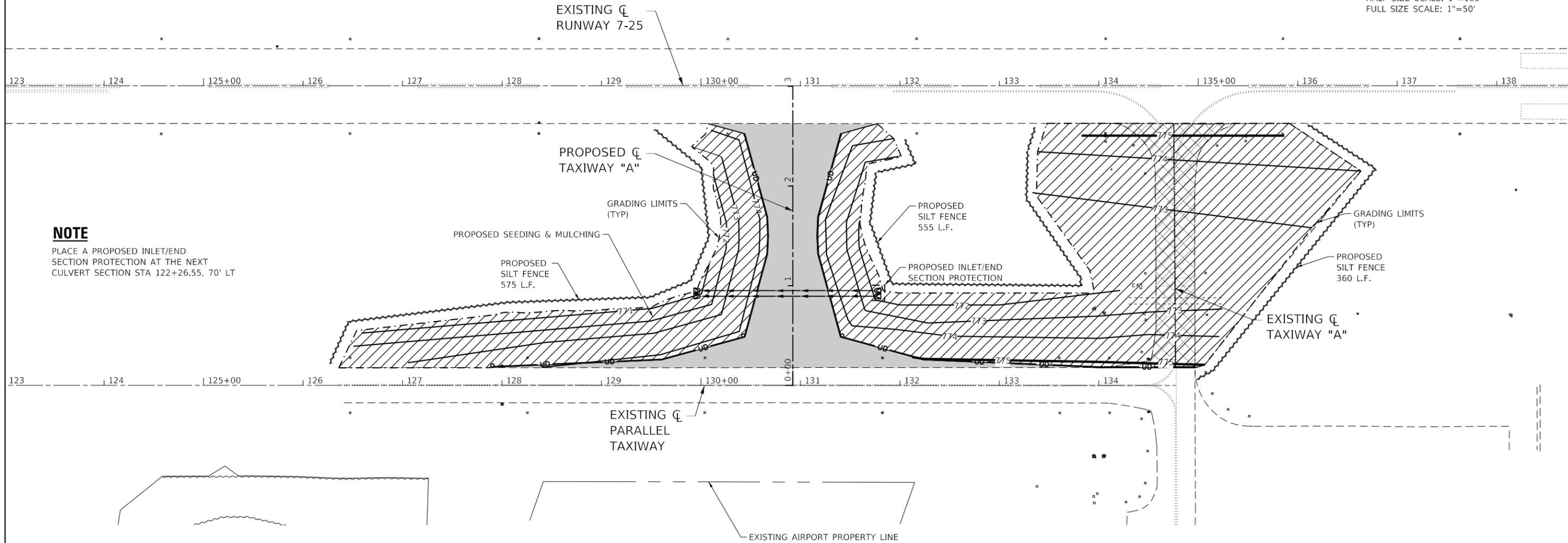
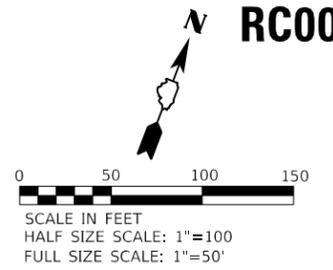
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**ROCHELLE MUNICIPAL AIRPORT**  
**MAJOR THOMAS F. KORITZ FIELD**  
**ROCHELLE, OGLE COUNTY, ILLINOIS**

**PAVEMENT MARKING PLAN**  
**STA. 142+25.00 TO STA. 150+00.00**

SCALE: 1"=50'    SHEET 4 OF 4 SHEETS    STA. 142+25.00 TO STA. 150+00.00

| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------|--------------|-----------|
|                           | OGLE   | 55           | 20        |
| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



**NOTE**

PLACE A PROPOSED INLET/END SECTION PROTECTION AT THE NEXT CULVERT SECTION STA 122+26.55, 70' LT

**STORM WATER POLLUTION PREVENTION NOTES**

1. THE CONTRACTOR SHALL IMPLEMENT ALL PROVISIONS OF THE CONTRACT DOCUMENTS TO ASSURE THAT STORM WATER POLLUTION PREVENTION ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY MANNER. SEDIMENTATION MUST NOT BE TRANSPORTED OFF THE CONSTRUCTION SITE. PERMANENT DRAINAGE FEATURES AND VEGETATIVE MEASURES SHALL BE PROVIDED AS SOON AS POSSIBLE.
2. THE CONTRACTOR SHALL BE REQUIRED TO IMPLEMENT AND MAINTAIN STORM WATER POLLUTION PRACTICES AND MEASURE PRIOR TO THE STRIPPING OF EXISTING VEGETATION WHERE EVER POSSIBLE AND AS SOON AS CONSTRUCTION PERMITS IN OTHER AREAS. POLLUTION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, INCLUDING THESE CONSTRUCTION PLANS, AND WITH STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, CURRENT ISSUE. THE CONTRACTOR SHALL ADJUST HIS OPERATIONS AND IMPLEMENT POLLUTION CONTROL MEASURES SO THAT NO RUNOFF FROM STRIPPED AREAS WILL LEAVE THE CONSTRUCTION SITE OTHER THAN THROUGH SEDIMENT TRAPS OR OTHER SUITABLE CONTROL MEASURES.
3. THE CONTRACTOR IS TO MAINTAIN AND ADJUST, REPAIR OR REPLACE ALL STORM WATER POLLUTION PREVENTION MEASURES AS REQUIRED OR AS DIRECTED BY THE ENGINEER UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. MAINTENANCE OF POLLUTION CONTROL MEASURES IS TO BE PROVIDED AT NO ADDITIONAL COST TO THE CONTRACT.
4. AN ADDITIONAL 500 L.F. OF SILT FENCE HAS BEEN ALLOTTED TO BE PLACED AS DIRECTED BY THE RESIDENT ENGINEER AROUND STOCKPILES OR OTHER AREAS IN NEED OF EROSION CONTROL BASED ON ACTUAL SITE CONDITIONS. AN ADDITIONAL 1 ACRE OF SEEDING AND MULCHING HAVE BEEN PROVIDED IN THE PROJECT QUANTITIES.
5. POLLUTION CONTROL ITEMS SHALL BE PROVIDED AS NOTED ON THE STORM WATER POLLUTION PREVENTION PLAN AND IN THE STORM WATER POLLUTION PREVENTION DETAILS AND AS DIRECTED BY THE ENGINEER. THE LIMITS OF SUCH MEASURES SHALL BE STAKED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. SUCH LIMITS MAY BE ADJUSTED BY THE ENGINEER TO ACCOUNT FOR ACTUAL SITE CONDITIONS EXPERIENCED DURING CONSTRUCTION. ADDITIONAL COMPENSATION FOR MEASURES EXCEEDING THE PLAN QUANTITIES WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR EACH ITEM.
6. 2 DITCH CHECKS HAVE BEEN ADDED TO THE PLAN QUANTITIES FOR THE ENGINEER TO FIELD LOCATE.

**LEGEND**

- PROPOSED PAVEMENT
- GRADING LIMITS
- PROPOSED AR901510 SEEDING/AR908510 MULCHING
- PROPOSED AR156510 SILT FENCE
- PROPOSED AR156520 INLET PROTECTION

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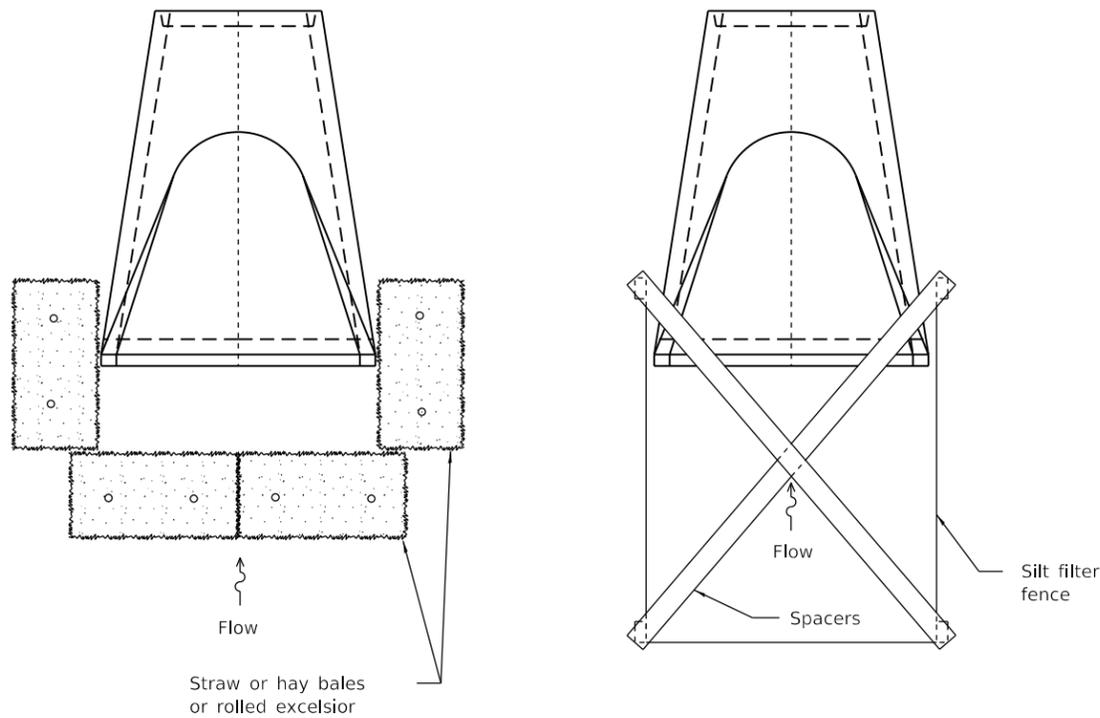
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|                              | DRAWN - TNS    | REVISED - |
| PLOT SCALE = 100.0000' / in. | CHECKED - TAW  | REVISED - |
| PLOT DATE = 5/7/2019         | DATE - 5/03/19 | REVISED - |

**ROCHELLE MUNICIPAL AIRPORT  
MAJOR THOMAS F. KORITZ FIELD  
ROCHELLE, OGLE COUNTY, ILLINOIS**

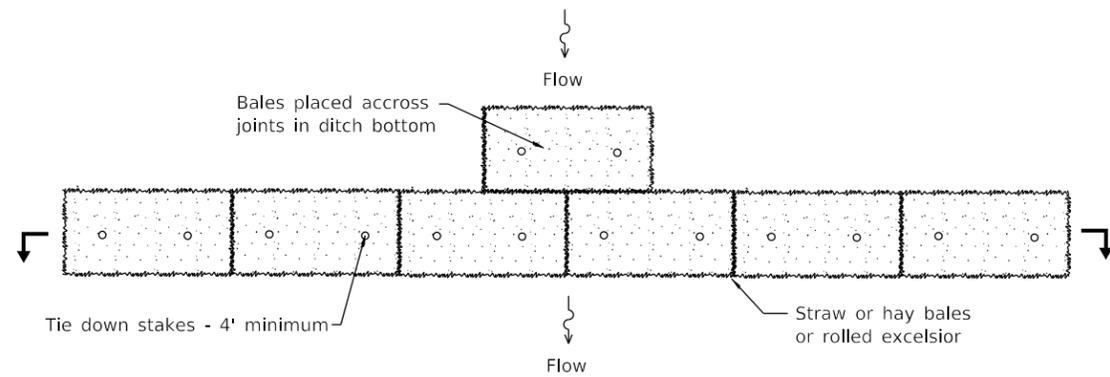
**STORMWATER POLLUTION  
PREVENTION PLAN**

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 127+50.00 TO STA. 142+25.00

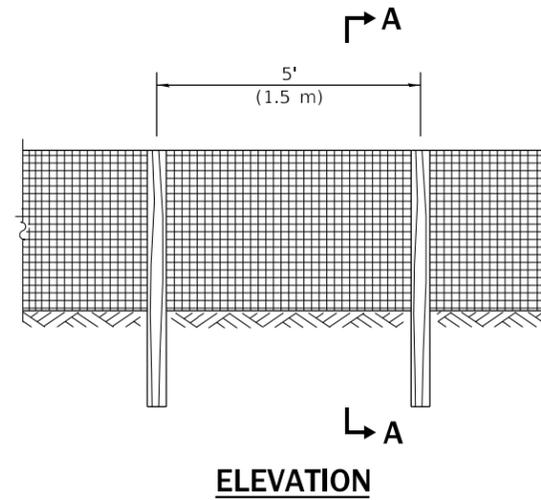
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|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | OGLE   | 55           | 21        |
| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



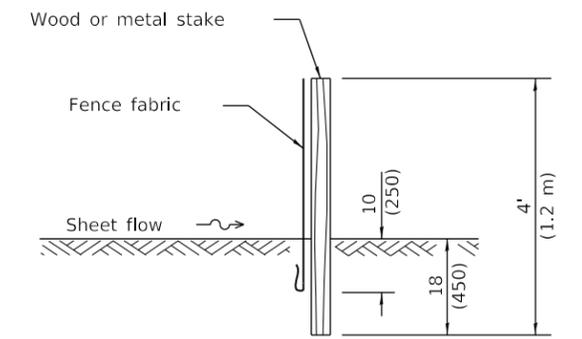
**END SECTION PROTECTION**



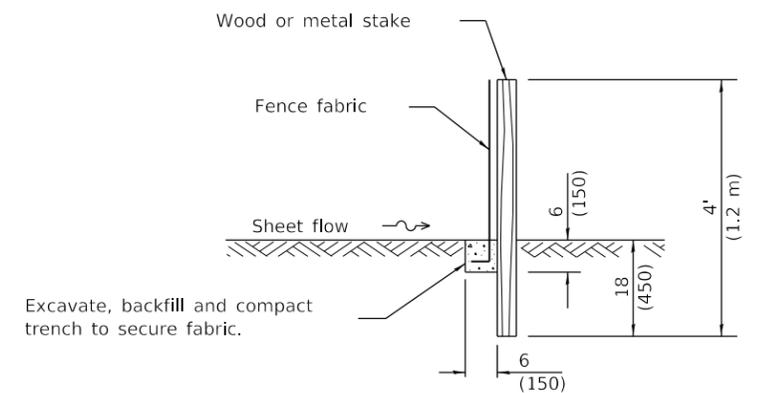
**DITCH CHECK DETAIL**



**SILT FILTER FENCE AS A PERIMETER EROSION BARRIER**

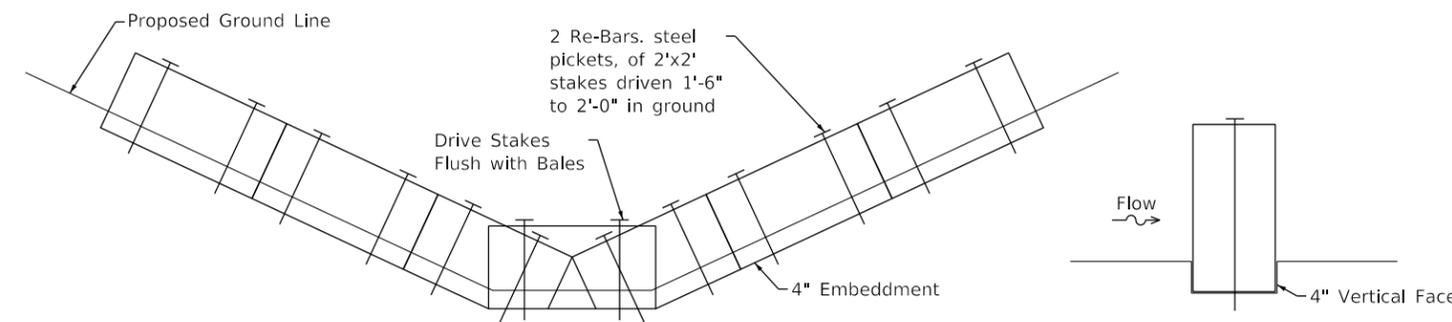


**SLICE METHOD**



**TRENCH METHOD**

**SECTION A-A**



**GENERAL NOTES**

The installation details and dimensions shown for perimeter erosion barriers shall also apply for inlet and pipe protection.

All dimensions are in inches (millimeters) unless otherwise shown.

MODEL: 4400E1.NMFE  
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 QUIGG ENGINEERING INC



|                            |                |           |
|----------------------------|----------------|-----------|
| USER NAME = tneffsmith     | DESIGNED - GSN | REVISED - |
| PLOT SCALE = 2,0000' / in. | DRAWN - TNS    | REVISED - |
| PLOT DATE = 5/7/2019       | CHECKED - TAW  | REVISED - |
|                            | DATE - 5/03/19 | REVISED - |

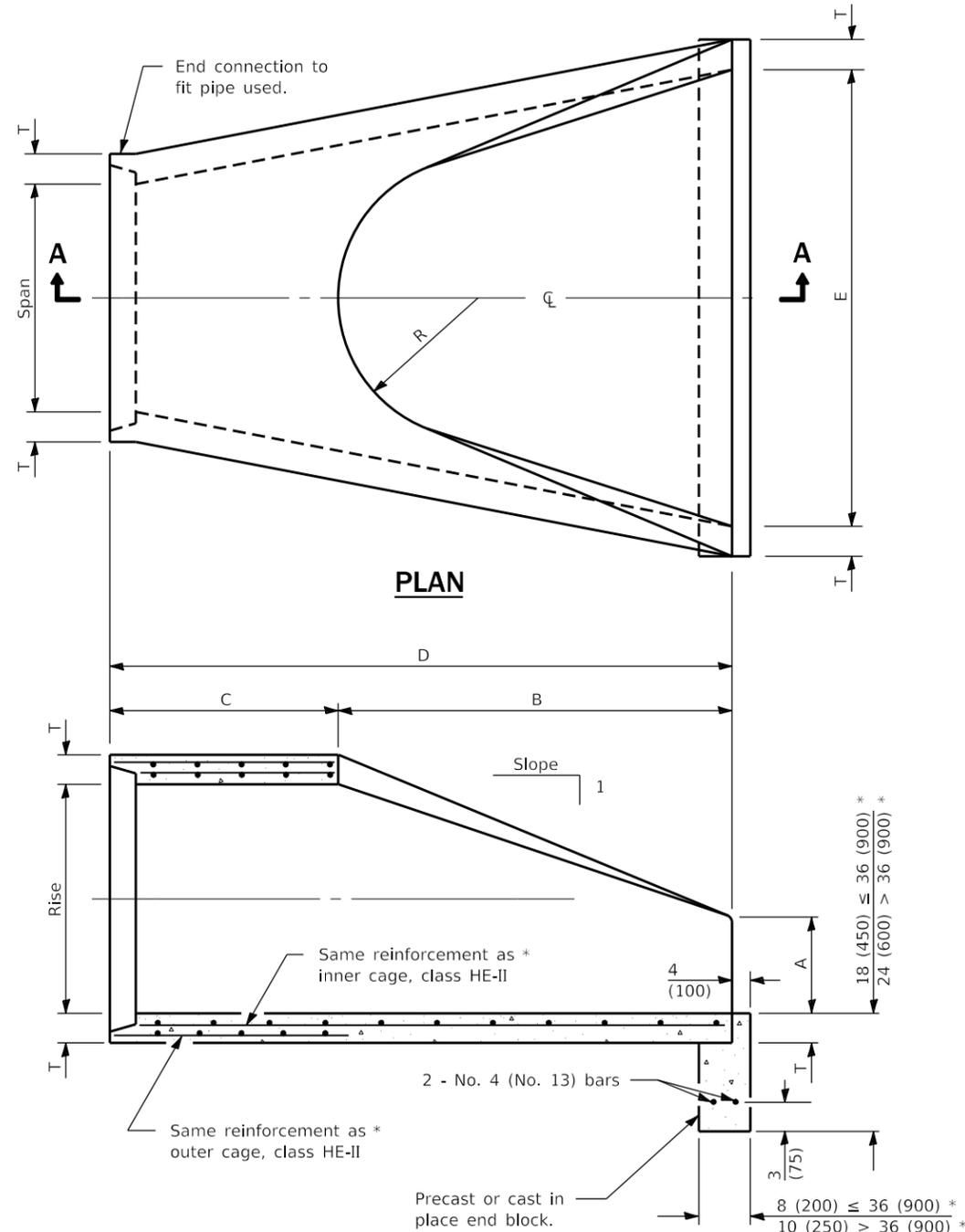
**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

**STORMWATER POLLUTION  
 PREVENTION PLAN DETAILS**

SCALE: 1"=1' SHEET 1 OF 1 SHEETS STA. TO STA.

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | OGLE   | 55           | 22        |
| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |

| SPAN        | RISE        | EQUIV. DIA. | WALL T        | A              | B           | C           | D                  | E                  | H              | R          | R <sub>1</sub> | R <sub>2</sub>  | APPROX. SLOPE |
|-------------|-------------|-------------|---------------|----------------|-------------|-------------|--------------------|--------------------|----------------|------------|----------------|-----------------|---------------|
| 30<br>(762) | 19<br>(483) | 24<br>(600) | 3 3/4<br>(83) | 8 1/2<br>(216) | 39<br>(991) | 33<br>(838) | 6'-0"<br>(1.829 m) | 4'-0"<br>(1.219 m) | 6 5/8<br>(175) | 7<br>(178) | 8 1/4<br>(210) | 26 1/4<br>(667) | 1:2.8         |

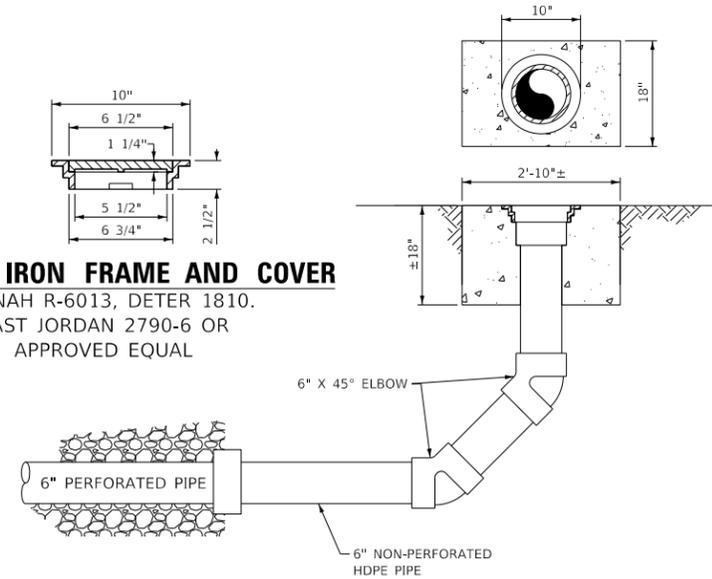


SECTION A-A

\* Refers to the equivalent pipe diameter.

**CAST IRON FRAME AND COVER**

NEENAH R-6013, DETER 1810.  
EAST JORDAN 2790-6 OR  
APPROVED EQUAL

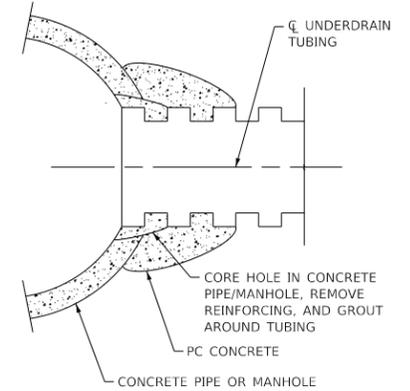


**CLEANOUT AT ONE-WAY OUTFALL (SIDE VIEW)**

N.T.S.

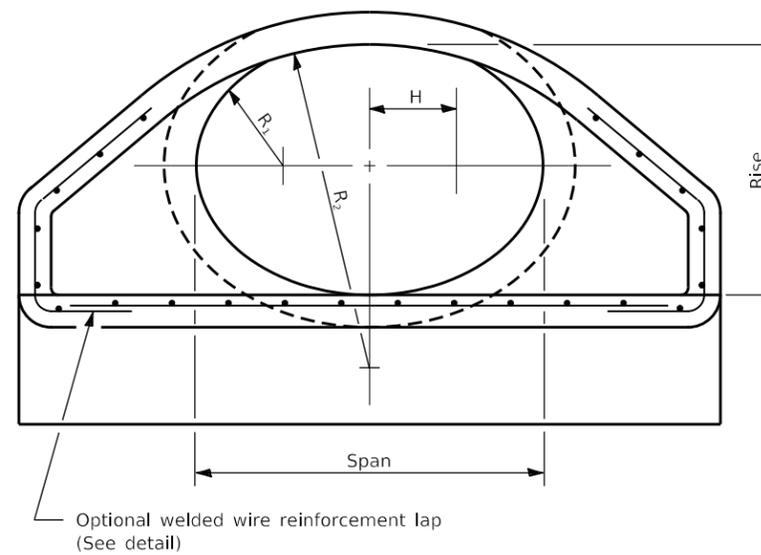
**CLEANOUT NOTES**

1. DIAMETER OF PIPE SPECIFIED.
2. TOP OF CLEANOUTS SHALL BE 2" ABOVE FINISH GRADE LINE AT LOCATION SHOWN ON PLANS.
3. 1/2" CHAMFER TO BE USED ON ALL EXPOSED EDGES OF CLEANOUTS.
4. THE CONCRETE SHALL BE STRUCTURAL PORTLAND CEMENT CONCRETE (NON -REINFORCED).

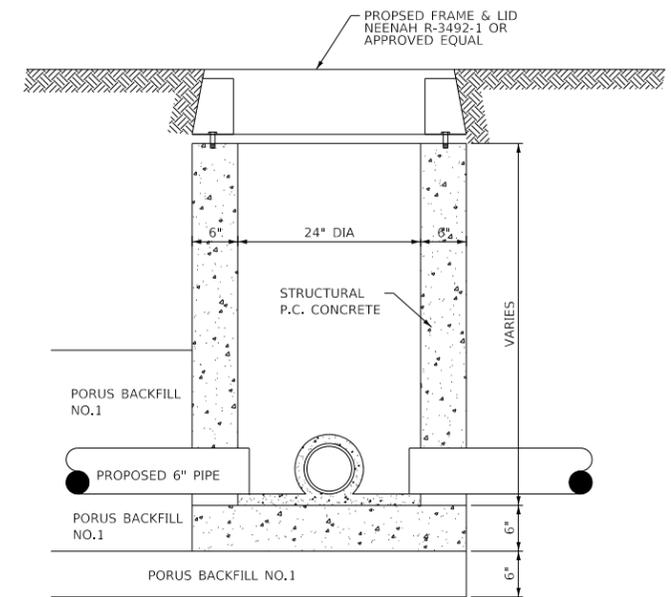


**STORM SEWER CONCRETE COLLAR AND GROUT CONNECTION**

N.T.S.



END VIEW



**UNDERDRAIN COLLECTION STRUCTURE DETAIL**

N.T.S.

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|                            |                |           |
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| PLOT SCALE = 2,0000' / in. | DRAWN - TNS    | REVISED - |
| PLOT DATE = 5/7/2019       | CHECKED - TAW  | REVISED - |
|                            | DATE - 5/03/19 | REVISED - |

**ROCHELLE MUNICIPAL AIRPORT  
MAJOR THOMAS F. KORITZ FIELD  
ROCHELLE, OGLE COUNTY, ILLINOIS**

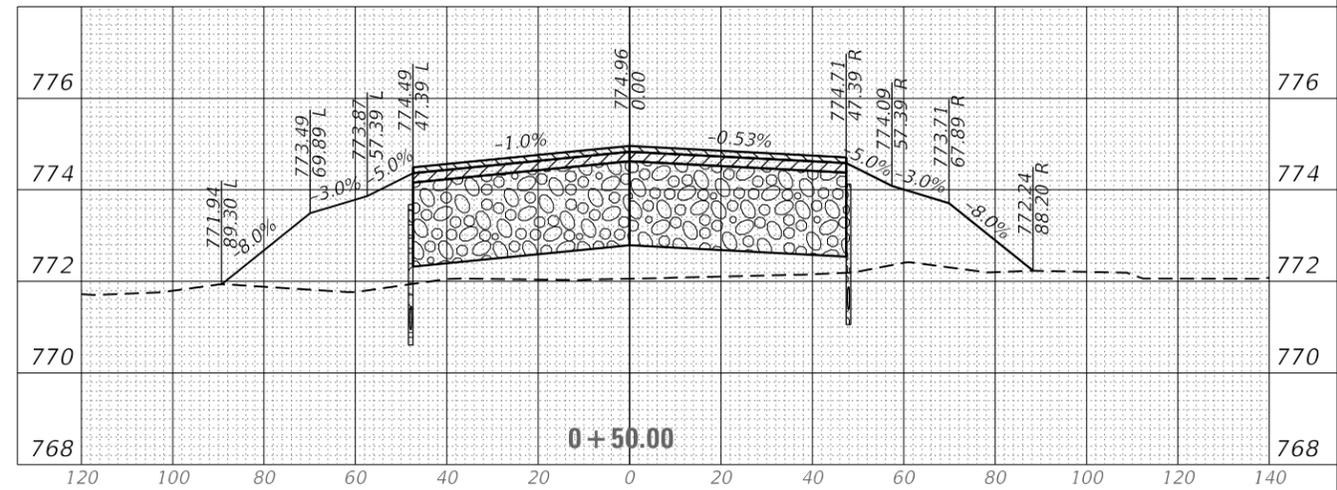
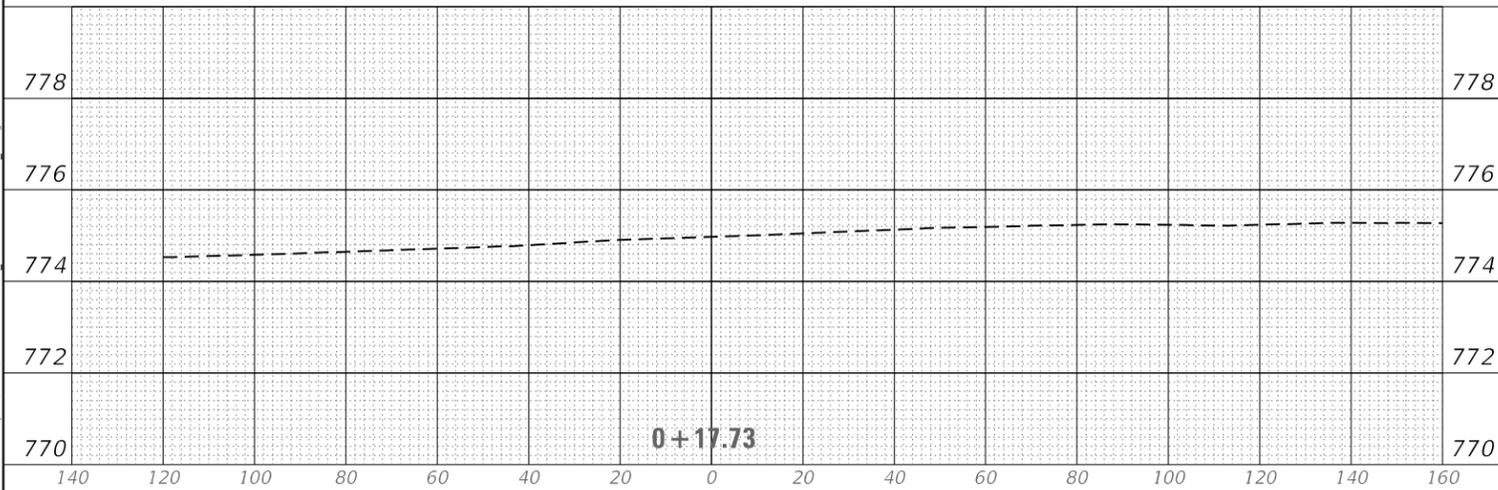
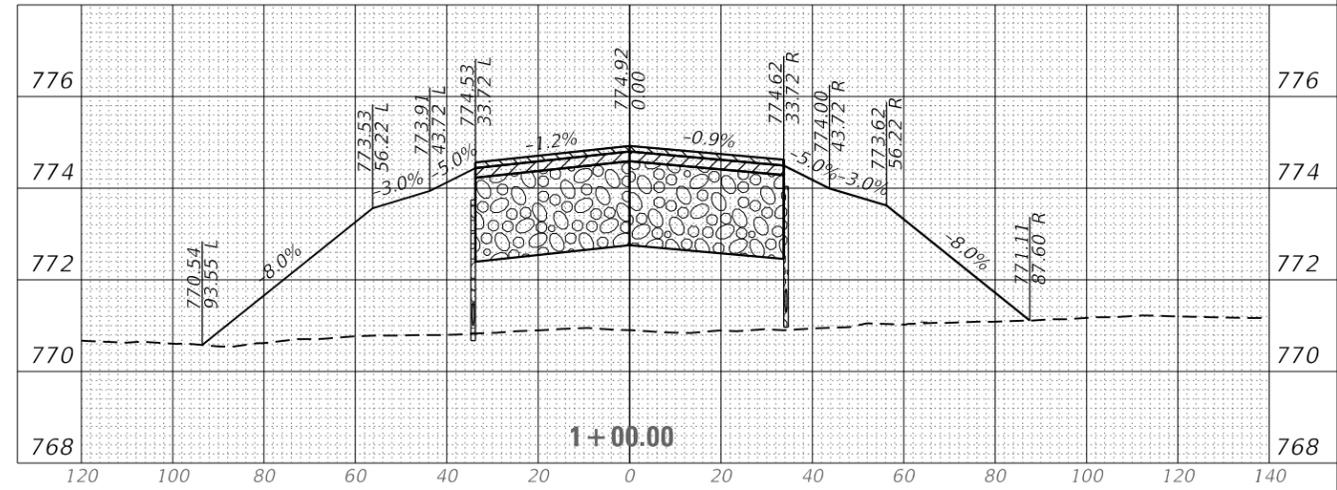
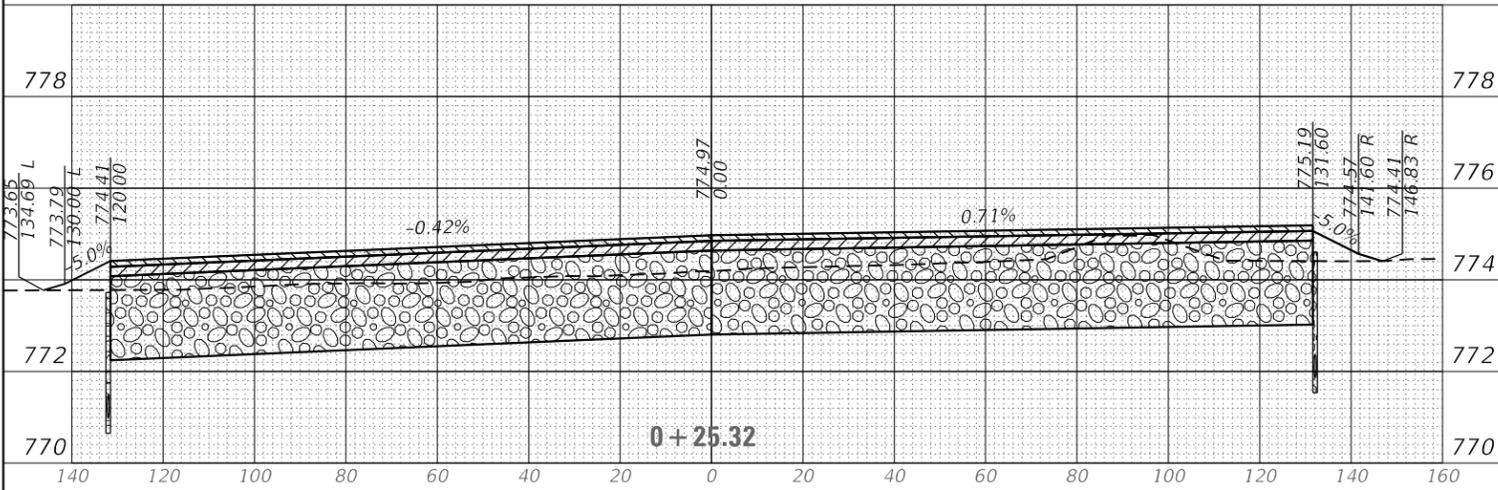
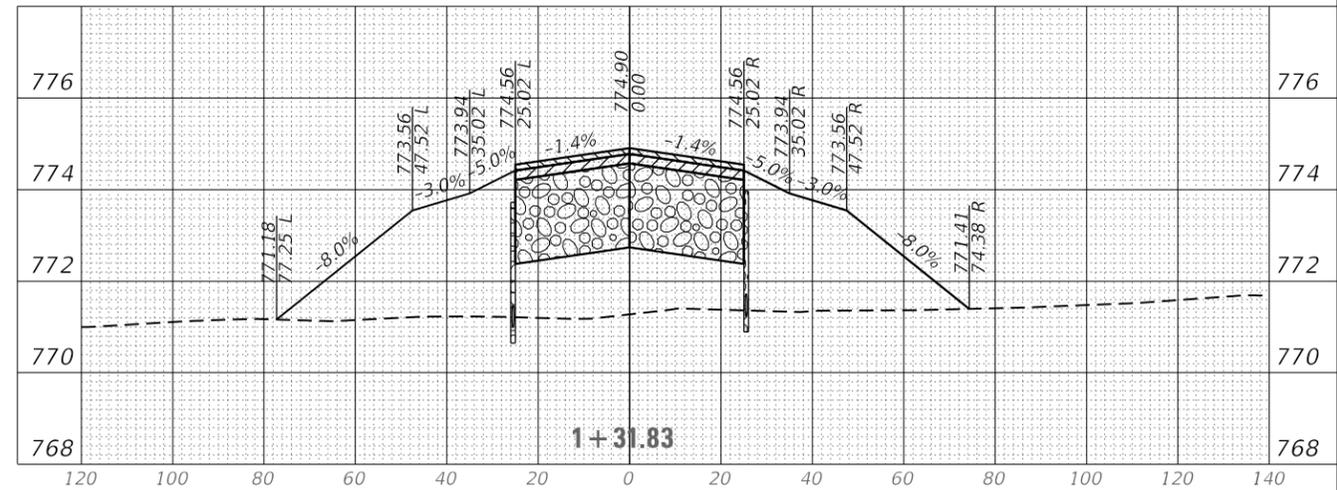
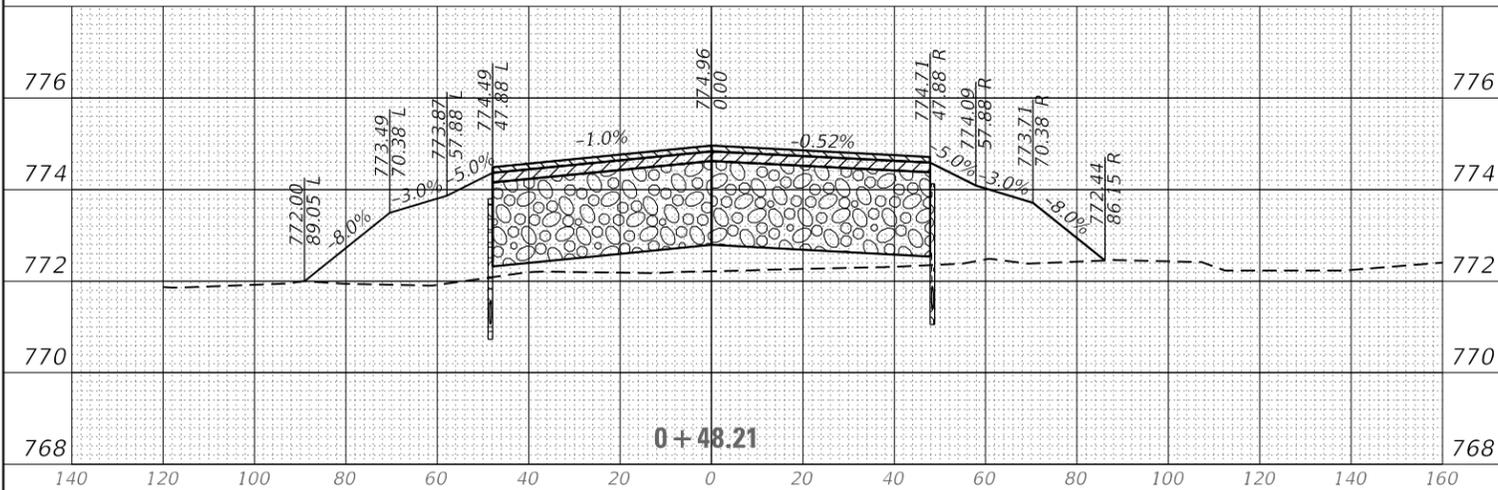
**DRAINAGE DETAILS**

SCALE: 1"=1' SHEET 1 OF 1 SHEETS STA. TO STA.

| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------|--------------|-----------|
|                           | OGLE   | 55           | 23        |
| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |

**NOTES**

1. END AREA NOT SHOWN FOR RELOCATED TAXIWAY, BUT ARE INCLUDED IN END AREAS FOR RUNWAY 7-25.
2. SEE RUNWAY 7-25 SECTIONS AND/OR GRADING PLAN SHEETS FOR GRADES BEYOND THOSE SHOWN FOR RELOCATED TAXIWAY.



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 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 5/7/2019

DESIGNED - GSN  
 DRAWN - TNS  
 CHECKED - TAW  
 DATE - 5/03/19

REVISED -  
 REVISED -  
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 REVISED -

**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

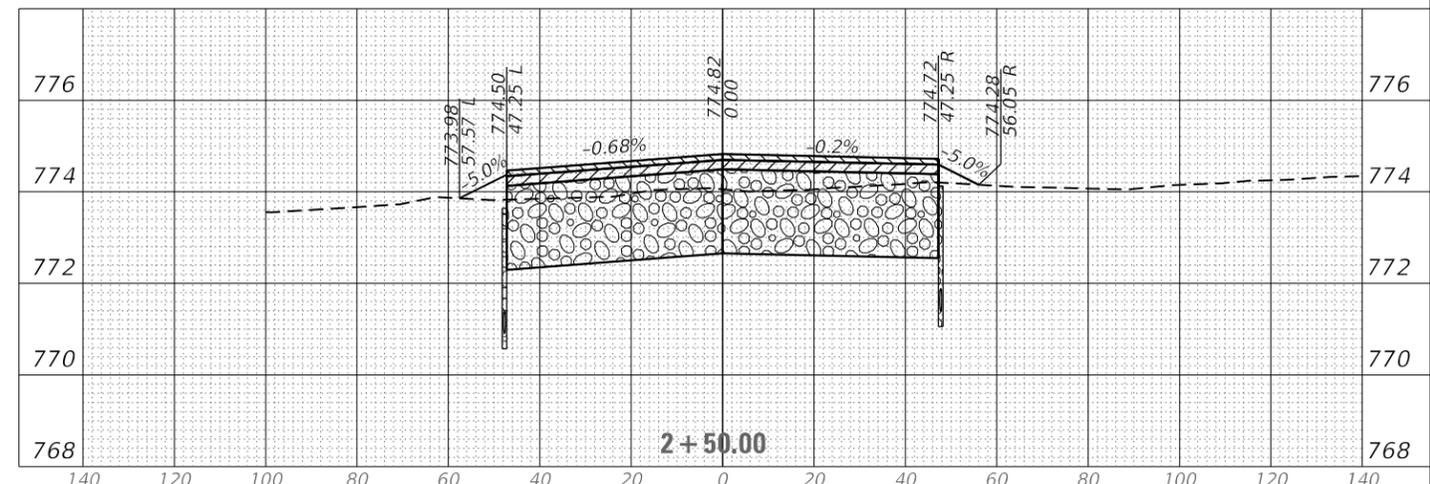
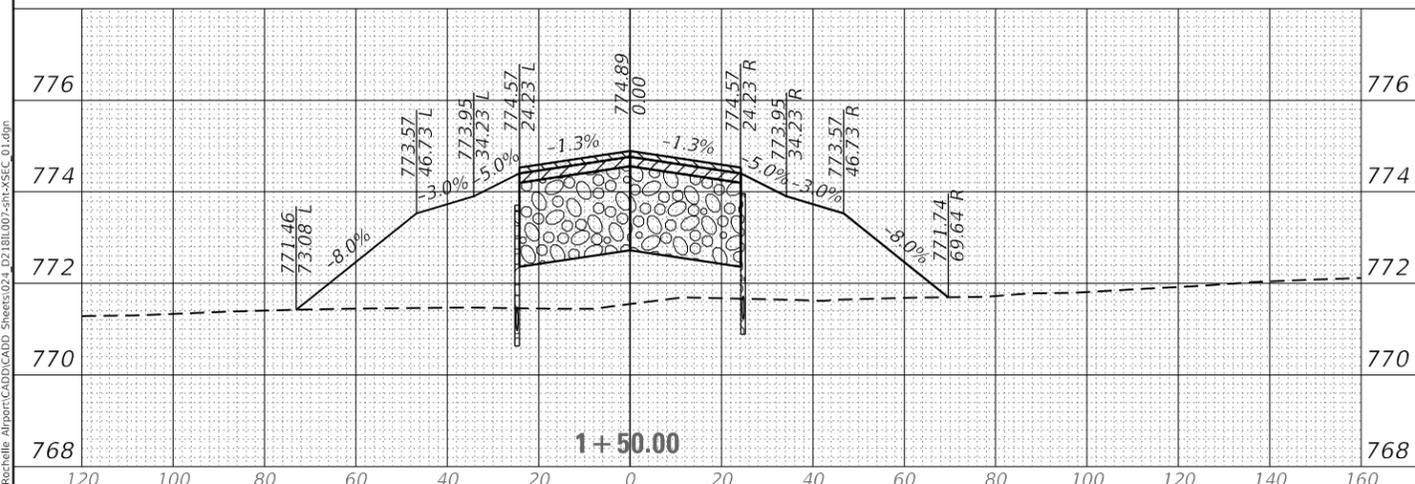
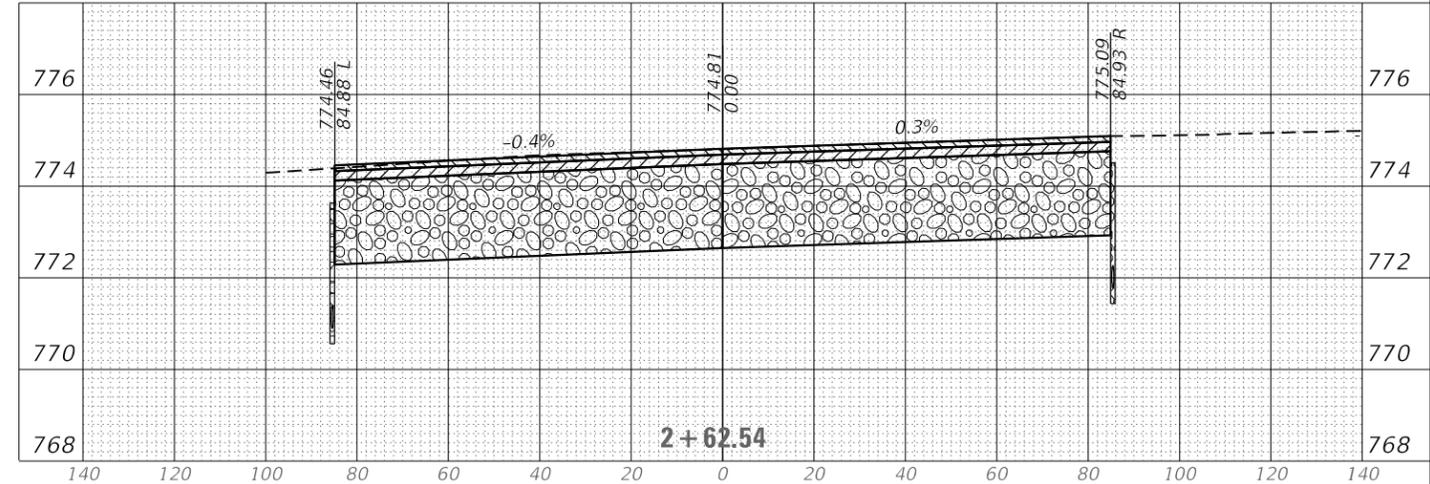
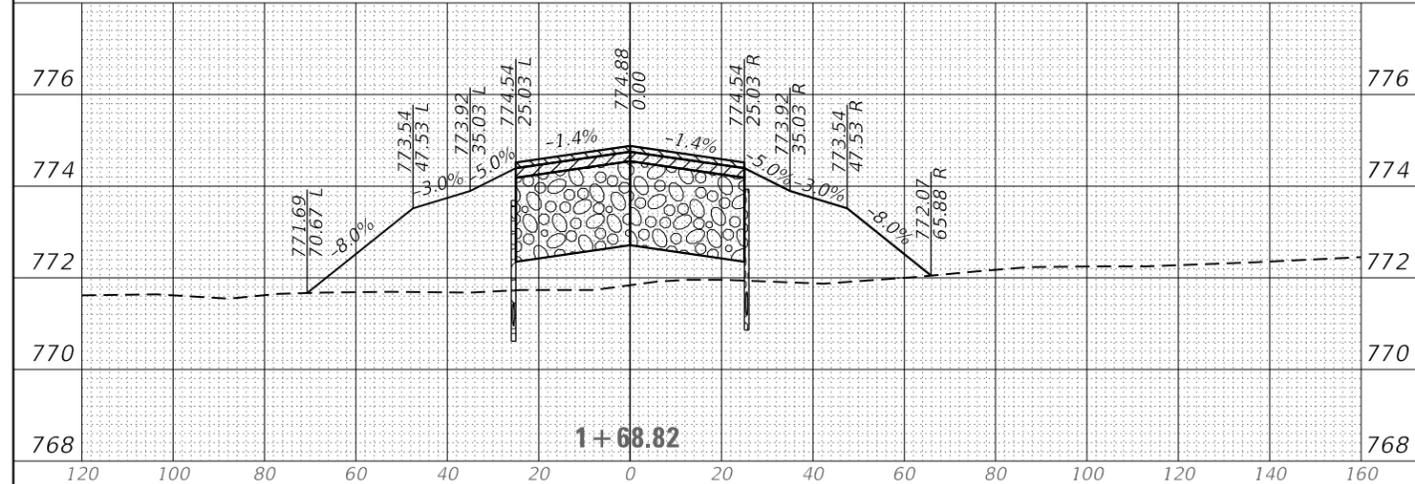
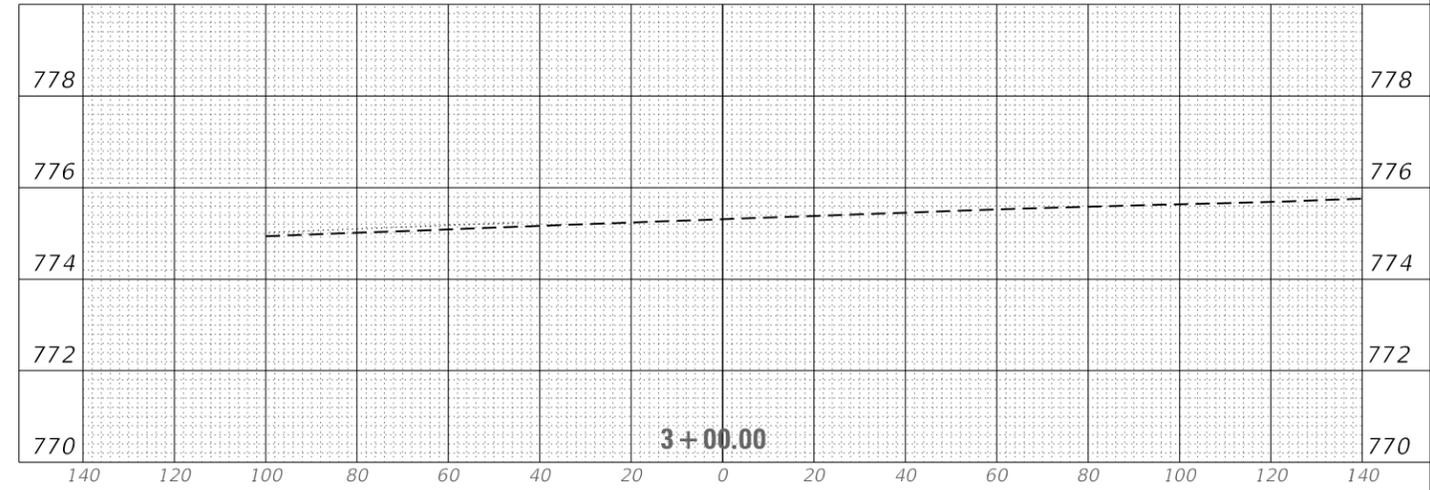
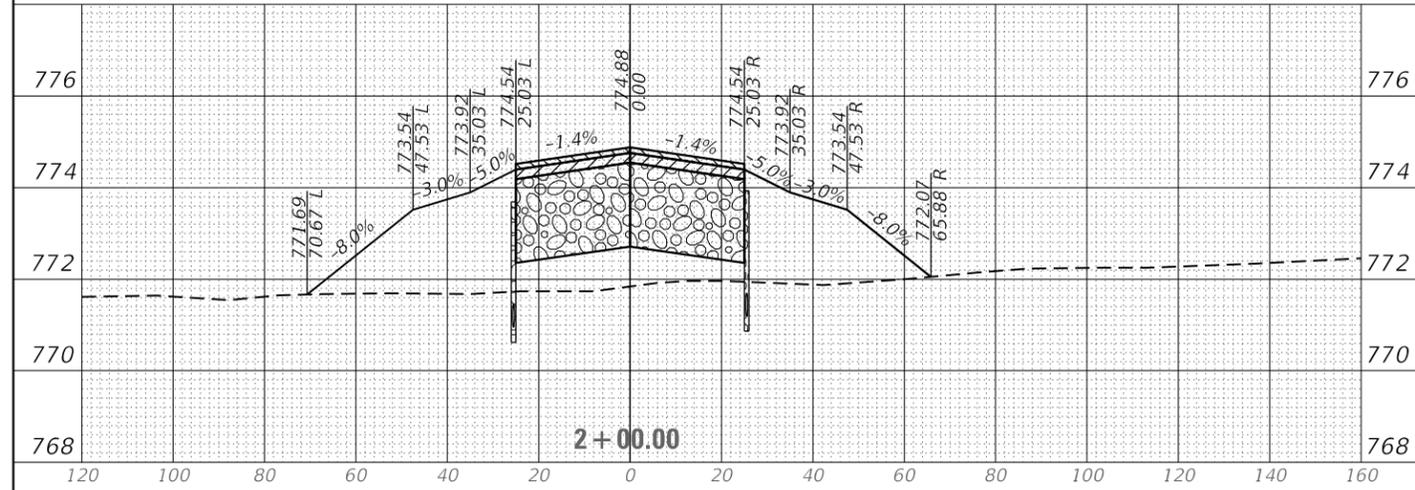
**CROSS SECTIONS  
 RELOCATED TAXIWAY "A"**

SCALE: 1"=20'    SHEET 1 OF 2 SHEETS    STA.    TO STA.

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | OGLE   | 55           | 24        |
| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |

**NOTES**

1. END AREA NOT SHOWN FOR RELOCATED TAXIWAY, BUT ARE INCLUDED IN END AREAS FOR RUNWAY 7-25.
2. SEE RUNWAY 7-25 SECTIONS AND/OR GRADING PLAN SHEETS FOR GRADES BEYOND THOSE SHOWN FOR RELOCATED TAXIWAY.



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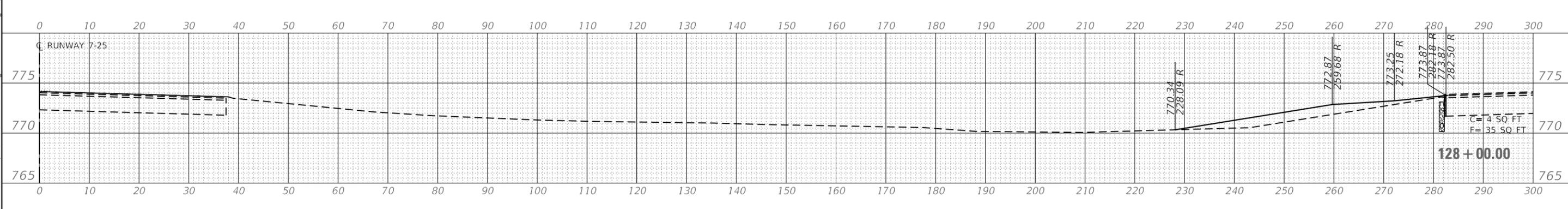
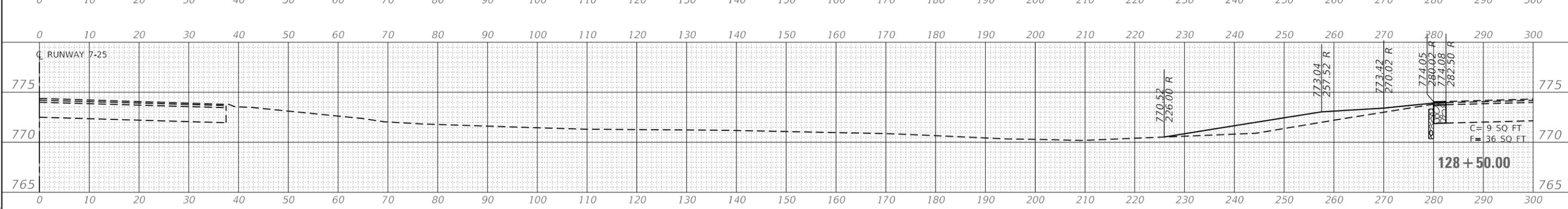
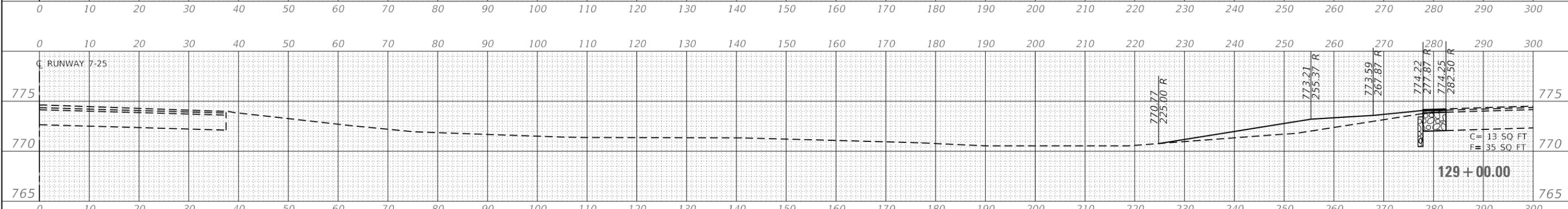
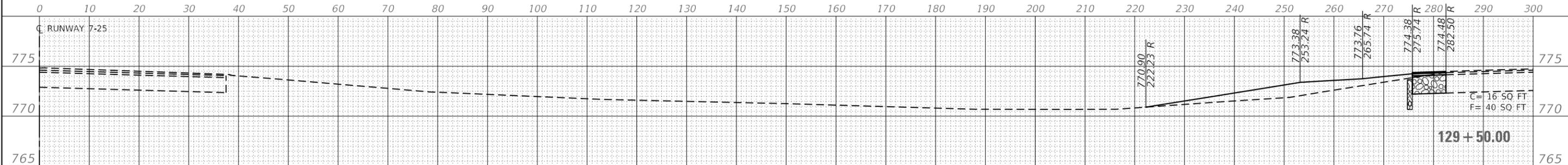
DESIGNED - GSN  
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 CHECKED - TAW  
 DATE - 5/03/19

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 REVISED -

**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

**CROSS SECTIONS  
 RELOCATED TAXIWAY "A"**  
 SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. TO STA.

| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------|--------------|-----------|
|                           | OGLE   | 55           | 25        |
| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



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 DATE: 5/7/2019



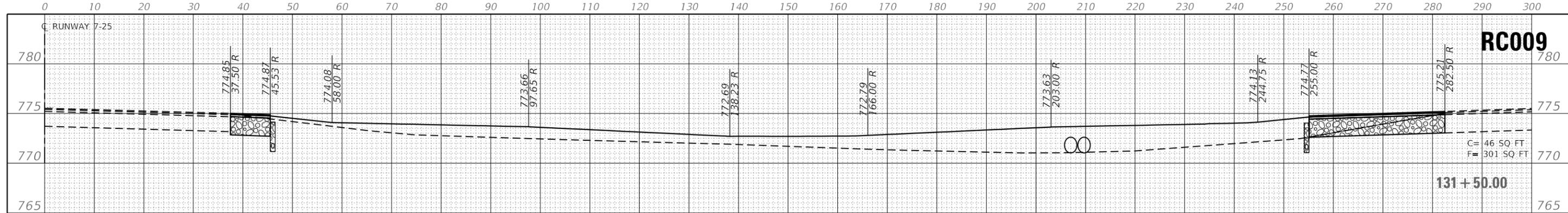
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|                             | DATE - 5/03/19 | REVISED - |

**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

**CROSS SECTIONS  
 RUNWAY 7-25**

SCALE: 1"=10'    SHEET 1    OF 5 SHEETS    STA.    TO STA.

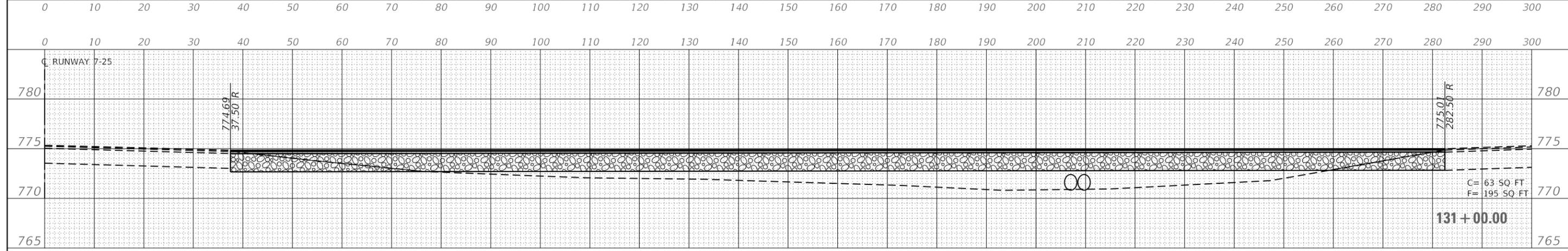
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|---------------------------|--------|--------------|-----------|
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| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



**RC009**

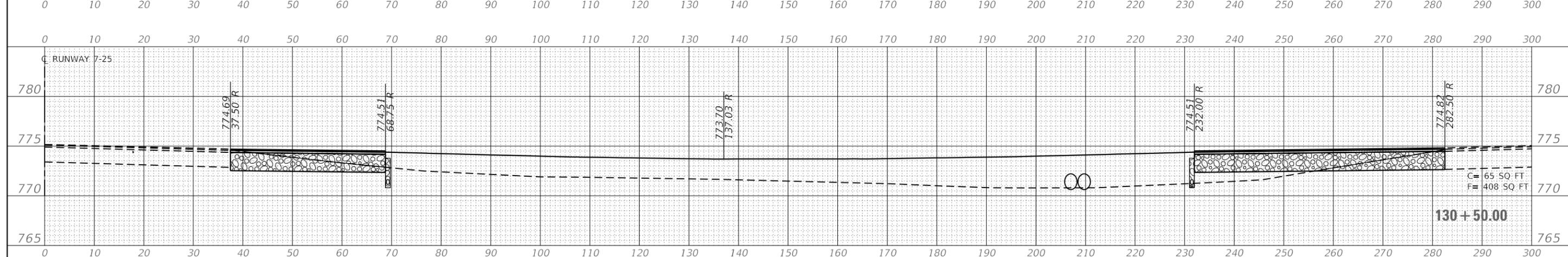
**131 + 50.00**

C = 46 SQ FT  
F = 301 SQ FT



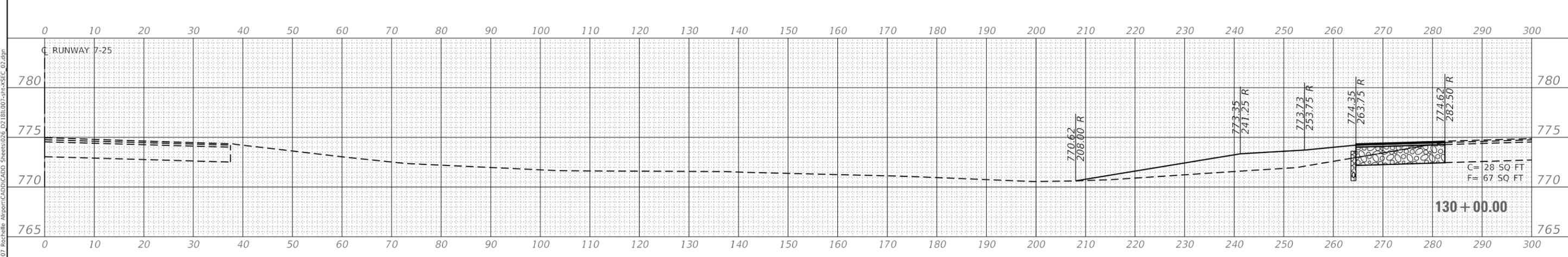
**131 + 00.00**

C = 63 SQ FT  
F = 195 SQ FT



**130 + 50.00**

C = 65 SQ FT  
F = 408 SQ FT



**130 + 00.00**

C = 28 SQ FT  
F = 67 SQ FT

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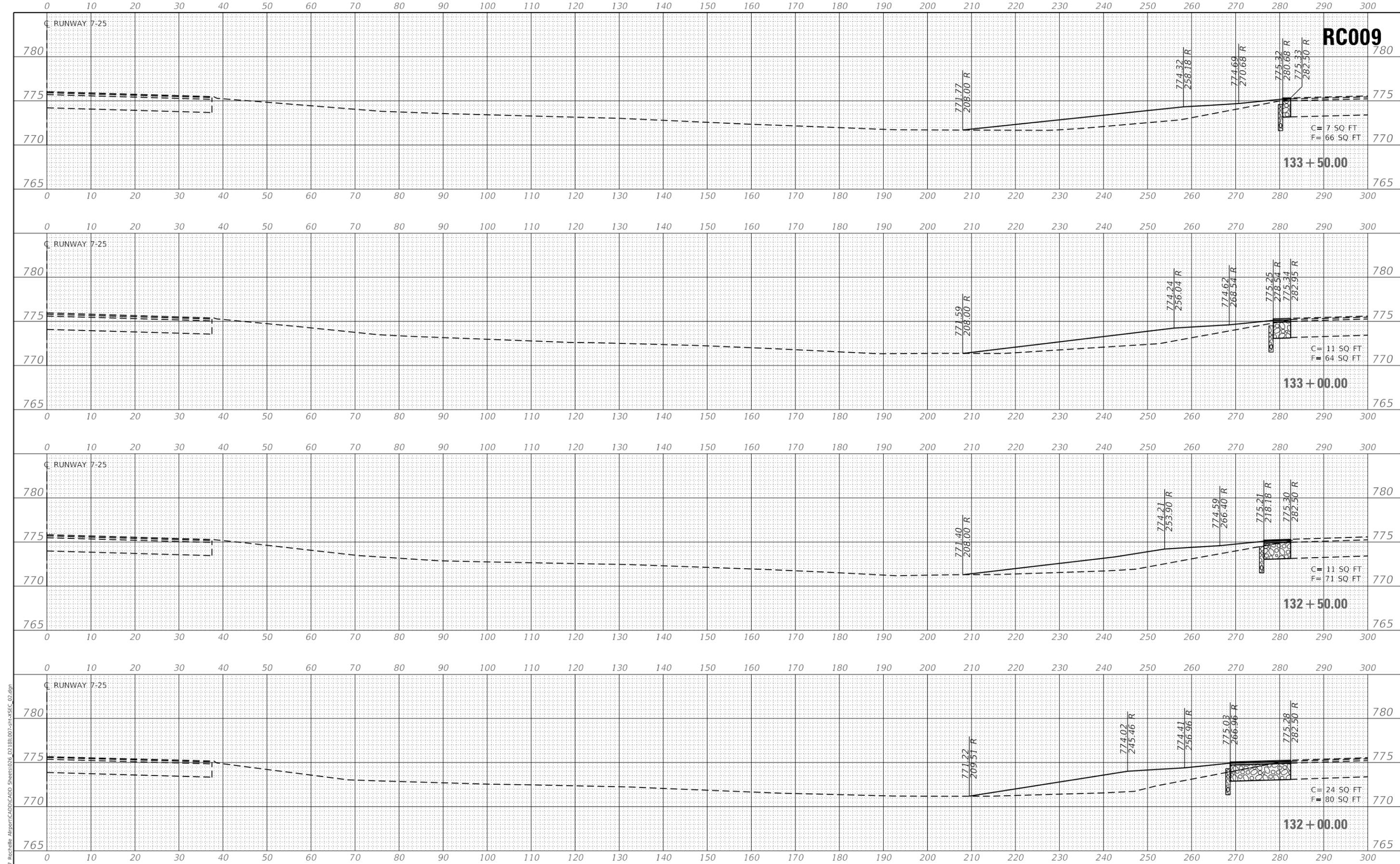
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**ROCHELLE MUNICIPAL AIRPORT  
MAJOR THOMAS F. KORITZ FIELD  
ROCHELLE, OGLE COUNTY, ILLINOIS**

**CROSS SECTIONS  
RUNWAY 7-25**

SCALE: 1"=10' SHEET 2 OF 5 SHEETS STA. TO STA.

| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------|--------------|-----------|
|                           | OGLE   | 55           | 27        |
| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



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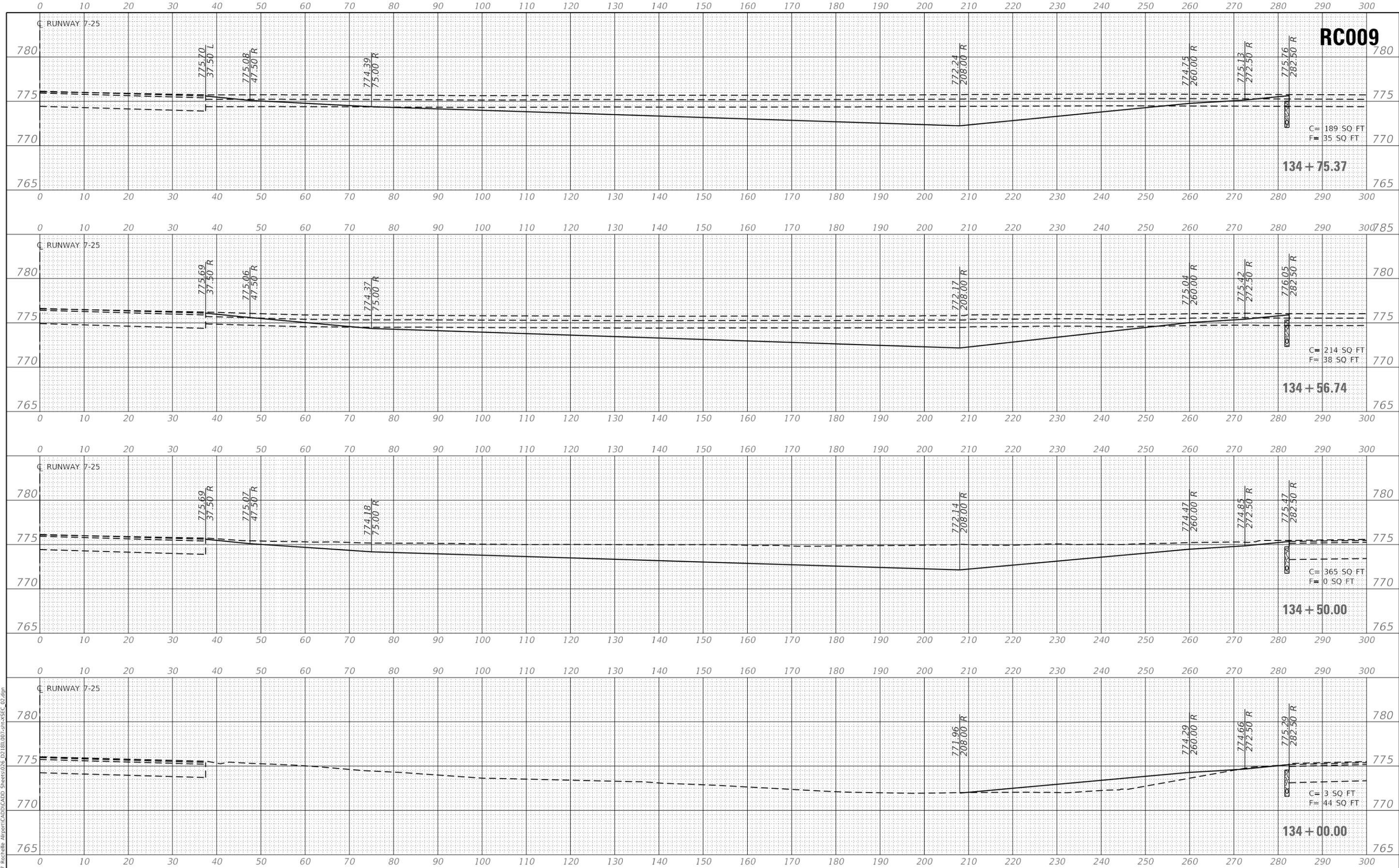
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**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

**CROSS SECTIONS  
 RUNWAY 7-25**

SCALE: 1"=10' SHEET 3 OF 5 SHEETS STA. TO STA.

| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------|--------------|-----------|
|                           | OGLE   | 55           | 28        |
| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



**RC009**

C = 189 SQ FT  
F = 35 SQ FT

**134 + 75.37**

C = 214 SQ FT  
F = 38 SQ FT

**134 + 56.74**

C = 365 SQ FT  
F = 0 SQ FT

**134 + 50.00**

C = 3 SQ FT  
F = 44 SQ FT

**134 + 00.00**

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 DATE - 5/03/19

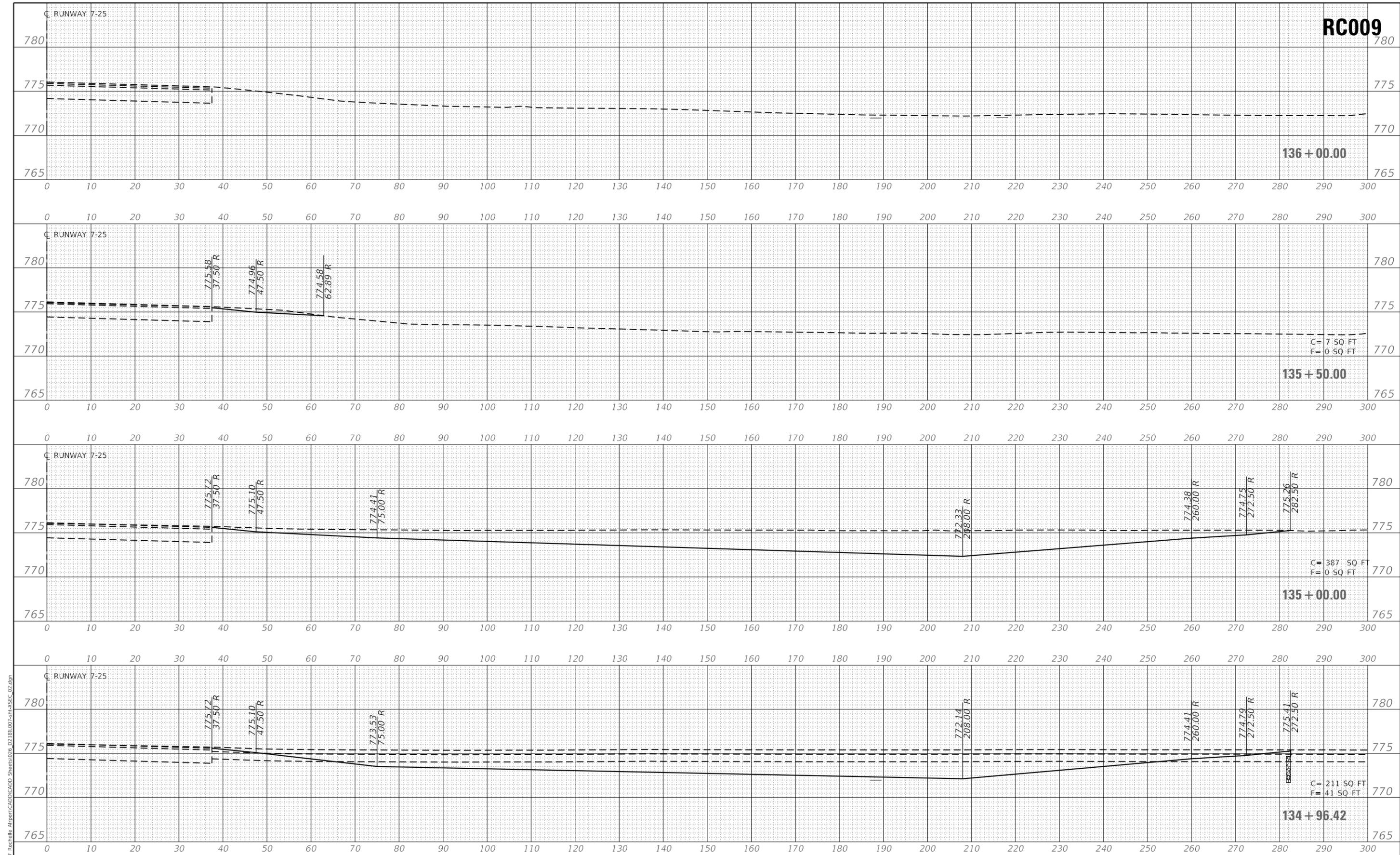
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**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

**CROSS SECTIONS  
 RUNWAY 7-25**

SCALE: 1"=10'    SHEET 4    OF 5    SHEETS    STA.    TO STA.

| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------|--------------|-----------|
|                           | OGLE   | 55           | 29        |
| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



**RC009**

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 CHECKED - TAW  
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**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

**CROSS SECTIONS  
 RUNWAY 7-25**

SCALE: 1"=10'    SHEET 5    OF 5 SHEETS    STA.    TO STA.

| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------|--------------|-----------|
|                           | OGLE   | 55           | 30        |
| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |

| TAXIWAY "A" EARTHWORK SUMMARY |               |                |              |               |                  |                                  |                   |
|-------------------------------|---------------|----------------|--------------|---------------|------------------|----------------------------------|-------------------|
| STATION                       | CUT AREA (SF) | FILL AREA (SF) | CUT VOL (CY) | FILL VOL (CY) | CUM CUT VOL (CY) | CUM REUSEABLE VOL -15% S.F. (CY) | CUM FILL VOL (CY) |
| 127+50                        | 0.00          | 0.00           | 3.70         | 32.41         | 3.70             | 3.15                             | 3.70              |
| 128+00                        | 4.00          | 35.00          | 12.04        | 65.74         | 15.74            | 13.38                            | 69.44             |
| 128+50                        | 9.00          | 36.00          | 20.37        | 65.74         | 36.11            | 30.69                            | 135.19            |
| 129+00                        | 13.00         | 35.00          | 26.85        | 69.44         | 62.96            | 53.52                            | 204.63            |
| 129+50                        | 16.00         | 40.00          | 40.74        | 99.07         | 103.70           | 88.15                            | 303.70            |
| 130+00                        | 28.00         | 67.00          | 86.11        | 439.81        | 189.81           | 161.34                           | 743.52            |
| 130+50                        | 65.00         | 408.00         | 118.52       | 558.33        | 308.33           | 262.08                           | 1301.85           |
| 131+00                        | 63.00         | 195.00         | 100.93       | 459.26        | 409.26           | 347.87                           | 1761.11           |
| 131+50                        | 46.00         | 301.00         | 64.81        | 352.78        | 474.07           | 402.96                           | 2113.89           |
| 132+00                        | 24.00         | 80.00          | 32.41        | 139.81        | 506.48           | 430.51                           | 2253.70           |
| 132+50                        | 11.00         | 71.00          | 20.37        | 125.00        | 526.85           | 447.82                           | 2378.70           |
| 133+00                        | 11.00         | 64.00          | 16.67        | 120.37        | 543.52           | 461.99                           | 2499.07           |
| 133+50                        | 7.00          | 66.00          | 9.26         | 101.85        | 552.78           | 469.86                           | 2600.93           |
| 134+00                        | 3.00          | 44.00          | 340.74       | 40.74         | 893.52           | 759.49                           | 2641.67           |
| 134+50                        | 365.00        | 0.00           | 72.27        | 4.74          | 965.79           | 820.92                           | 2646.41           |
| 134+57                        | 214.00        | 38.00          | 139.04       | 25.19         | 1104.82          | 939.10                           | 2671.59           |
| 134+75                        | 189.00        | 35.00          | 155.93       | 29.63         | 1260.75          | 1071.64                          | 2701.22           |
| 134+96                        | 211.00        | 41.00          | 39.65        | 2.72          | 1300.39          | 1105.33                          | 2703.94           |
| 135+00                        | 387.00        | 0.00           | 364.81       | 0.00          | 1665.21          | 1415.43                          | 2703.94           |
| 135+50                        | 7.00          | 0.00           | 6.48         | 0.00          | 1671.69          | 1420.94                          | 2703.94           |
| 136+00                        | 0.00          | 0.00           | 0.00         | 0.00          | 1671.69          | 1420.94                          | 2703.94           |

UNCLASSIFIED EXCAVATION 1671.69  
 GRAVEL VOLUME UNDER EXISTING TAXIWAY 1073  
**TOTAL 2745**

NOTE:  
 THE AMOUNT OF BORROW WAS CALCULATED ASSUMING THE AGGREGATE IS NOT SUITABLE FOR CONSTRUCTION OF THE NEW TAXIWAY "A". THE MATERIAL MAY BE SUBSTITUTED FOR THE BORROW MATERIAL IF ACCEPTABLE BY THE ENGINEER.

| BORROW EARTHWORK SUMMARY |               |              |                  |                                  |
|--------------------------|---------------|--------------|------------------|----------------------------------|
| STATION                  | CUT AREA (SF) | CUT VOL (CY) | CUM CUT VOL (CY) | CUM REUSEABLE VOL -15% S.F. (CY) |
| +50                      | 0.00          | 29.63        | 29.63            | 25.19                            |
| 1+00                     | 32.00         | 77.78        | 107.41           | 91.30                            |
| 1+50                     | 52.00         | 111.11       | 218.52           | 185.74                           |
| 2+00                     | 68.00         | 137.04       | 355.56           | 302.22                           |
| 2+50                     | 80.00         | 159.26       | 514.81           | 437.59                           |
| 3+00                     | 92.00         | 177.78       | 692.59           | 588.70                           |
| 3+50                     | 100.00        | 212.04       | 904.63           | 768.94                           |
| 4+00                     | 129.00        | 232.41       | 1137.04          | 966.48                           |
| 4+50                     | 122.00        | 205.56       | 1342.59          | 1141.20                          |
| 5+00                     | 100.00        | 185.19       | 1527.78          | 1298.61                          |
| 5+50                     | 44.00         | 40.74        | 1568.52          | 1333.24                          |
| 6+00                     | 0.00          | 0.00         | 1527.78          | 1298.61                          |

TOTAL BORROW 1528

NOTE:  
 THE FIRST 6" OF TOP SOIL WAS NOT CALCULATED AS BORROW. AFTER THE COMPLETION OF THE PROJECT THE TOP SOIL CAN BE PLACED BACK IN THE BORROW AREA. THIS WORK WILL BE INCIDENTAL TO THE PROJECT.

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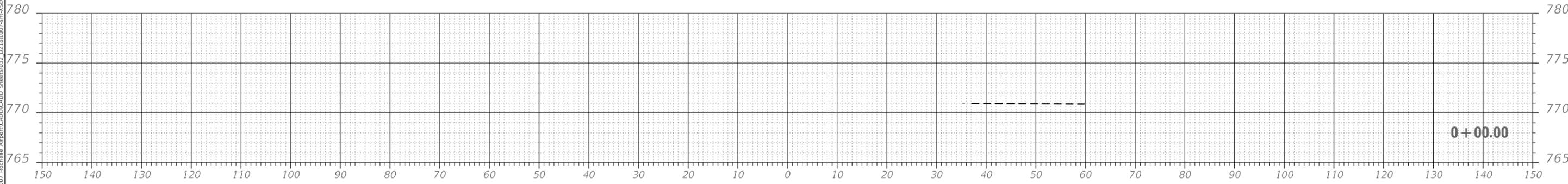
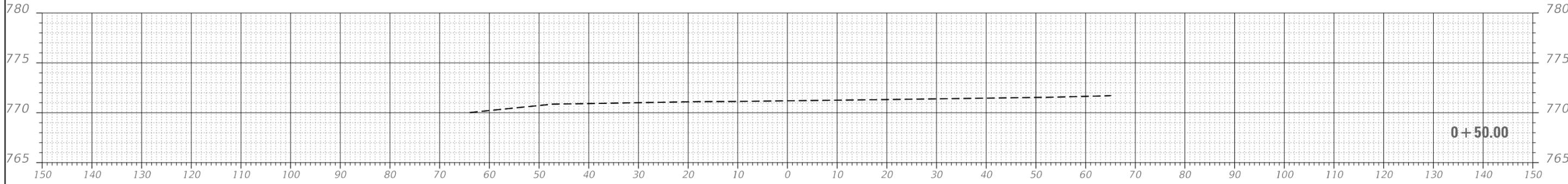
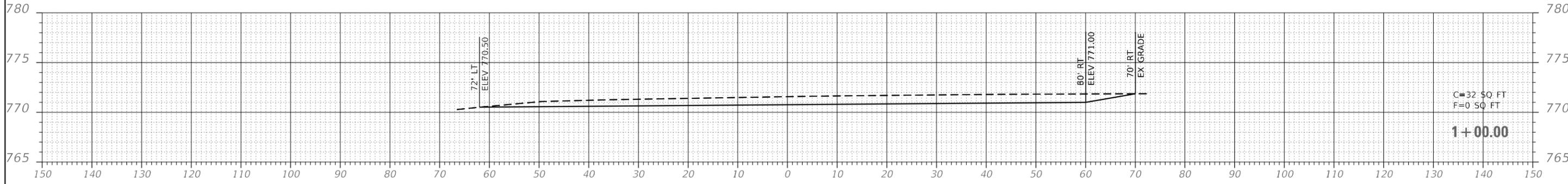
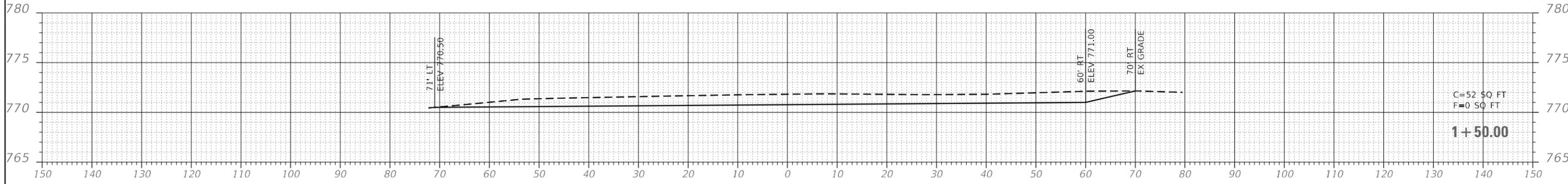
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| PLOT DATE = 5/7/2019      | CHECKED - TAW  | REVISED - |
|                           | DATE - 5/03/19 | REVISED - |

**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

**CUT AND FILL TABLES**

SCALE: 1"=1' SHEET 1 OF 1 SHEETS STA. TO STA.

|                    |        |                  |           |
|--------------------|--------|------------------|-----------|
| SECTION            | COUNTY | TOTAL SHEETS     | SHEET NO. |
|                    | OGLE   | 55               | 31        |
| CONTRACT NO. RC009 |        |                  |           |
| ILLINOIS           |        | FED. AID PROJECT |           |



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DESIGNED - GSN  
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 CHECKED - TAW  
 DATE - 5/03/19

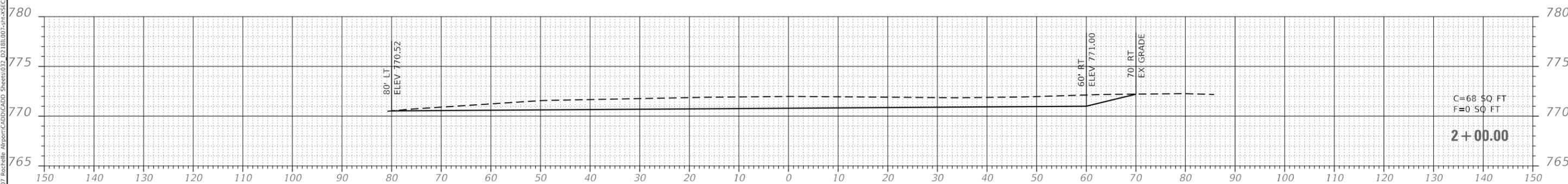
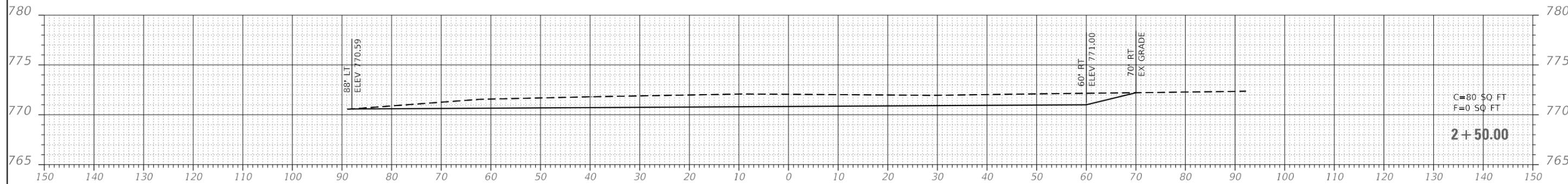
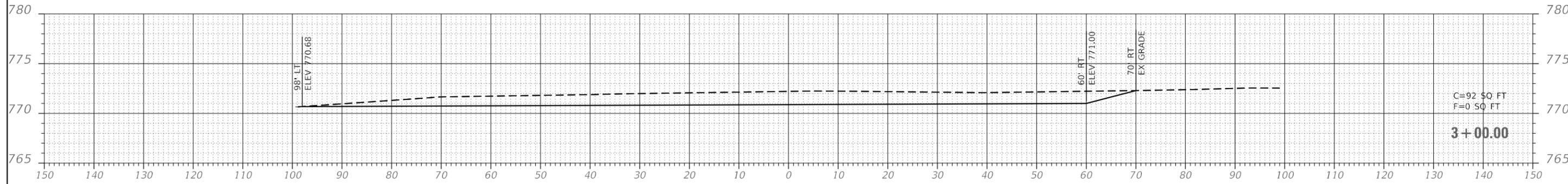
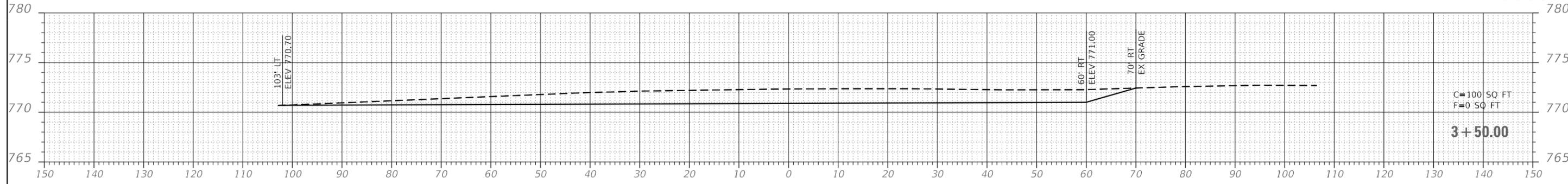
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**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

**CROSS SECTIONS  
 BORROW AREA**

SCALE: 1"=10'    SHEET 1    OF 3    SHEETS    STA.    TO STA.

| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------|--------------|-----------|
|                           | OGLE   | 55           | 32        |
| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



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 PLOT DATE = 5/7/2019

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 DRAWN - TNS  
 CHECKED - TAW  
 DATE - 5/03/19

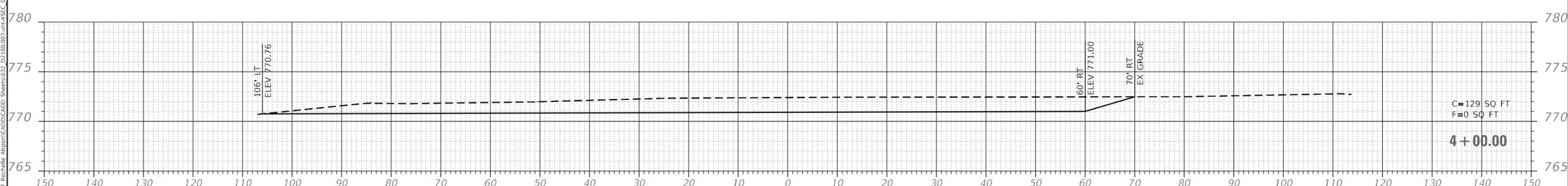
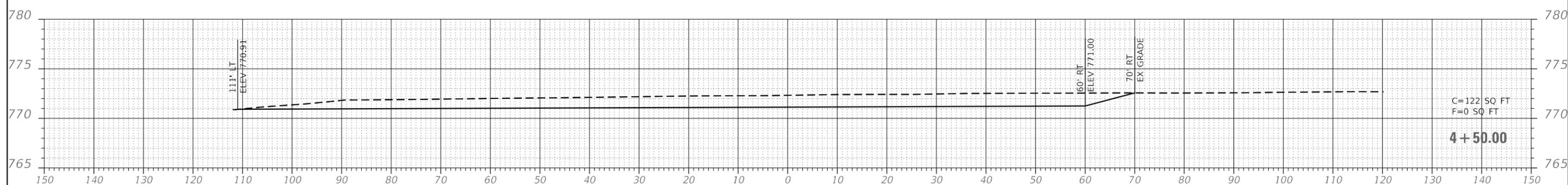
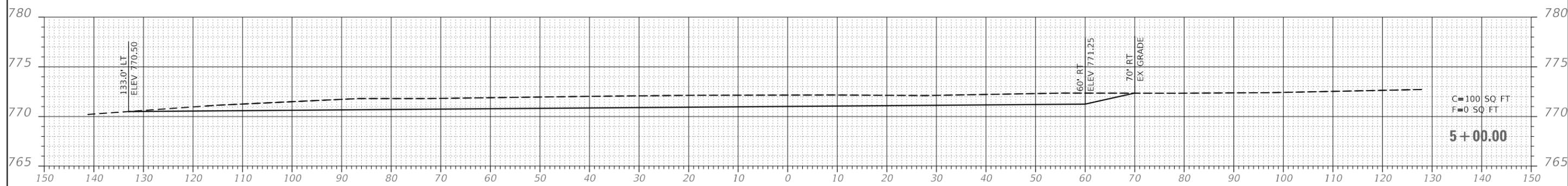
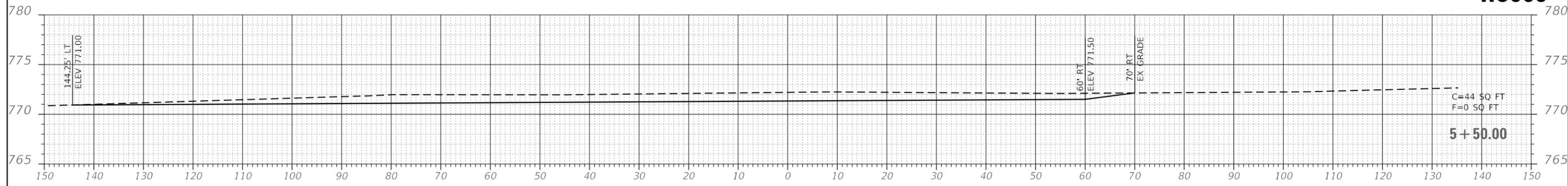
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**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

**CROSS SECTIONS  
 BORROW AREA**

SCALE: 1"=10'    SHEET 2    OF 3    SHEETS    STA.    TO STA.

| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|--------|--------------|-----------|
|                           | OGLE   | 55           | 33        |
| CONTRACT NO. RC009        |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



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 PLOT DATE = 5/7/2019

DESIGNED - GSN  
 DRAWN - TNS  
 CHECKED - TAW  
 DATE - 5/03/19

REVISED -  
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**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

**CROSS SECTIONS  
 BORROW AREA**

SCALE: 1"=10'    SHEET 3    OF 3    SHEETS    STA.    TO STA.

| SECTION            | COUNTY | TOTAL SHEETS     | SHEET NO. |
|--------------------|--------|------------------|-----------|
|                    | OGLE   | 55               | 34        |
| CONTRACT NO. RC009 |        |                  |           |
| ILLINOIS           |        | FED. AID PROJECT |           |

**AIRFIELD LIGHTING LEGEND**

- EXISTING STAKE MOUNTED TAXIWAY EDGE LIGHT
- ◻ EXISTING BASE MOUNTED TAXIWAY EDGE LIGHT
- ▭ EXISTING STAKE MOUNTED RUNWAY EDGE LIGHT
- ▭ EXISTING BASE MOUNTED RUNWAY EDGE LIGHT
- ⊙ EXISTING STAKE MOUNTED RUNWAY THRESHOLD LIGHT
- ⊙ EXISTING BASE MOUNTED RUNWAY THRESHOLD LIGHT
- ◻ EXISTING ELECTRICAL HANDHOLE
- ◻<sub>SC</sub> EXISTING SPLICE CAN
- ▷ EXISTING REIL UNIT
- ▭ EXISTING ILLUMINATED SIGN
- — — EXISTING ELECTRIC CABLE
- ==== EXISTING UNDERGROUND DUCTBANK
- ##### EXISTING ELECTRIC CABLE TO BE ABANDONED
- x-x-x-x-x- EXISTING ELECTRIC CABLE TO BE REMOVED
- ⊗ EXISTING STAKE MOUNTED TAXIWAY EDGE LIGHT TO BE REMOVED
- ⊗ EXISTING BASE MOUNTED TAXIWAY EDGE LIGHT TO BE REMOVED
- ⊗ EXISTING STAKE MOUNTED RUNWAY EDGE LIGHT TO BE REMOVED
- ⊗ EXISTING ILLUMINATED SIGN TO BE REMOVED
- RR DENOTES REMOVAL AND REPLACEMENT OF EXISTING ISOLATION TRANSFORMER FOR ASSOCIATED LIGHT FIXTURE
- PROPOSED L-861T(L) STAKE MOUNTED TAXIWAY EDGE LIGHT
- ◻ PROPOSED L-861T(L) BASE MOUNTED TAXIWAY EDGE LIGHT
- ◻ PROPOSED ELECTRICAL HANDHOLE
- — — PROPOSED ELECTRIC CABLE (AS NOTED ON THE PLANS)
- ==== PROPOSED UNDERGROUND DUCTBANK
- - - - - PROPOSED COUNTERPOISE WIRE FOR EXISTING ELECTRIC CABLE TO REMAIN

**AIRFIELD LIGHTING ABBREVIATIONS**

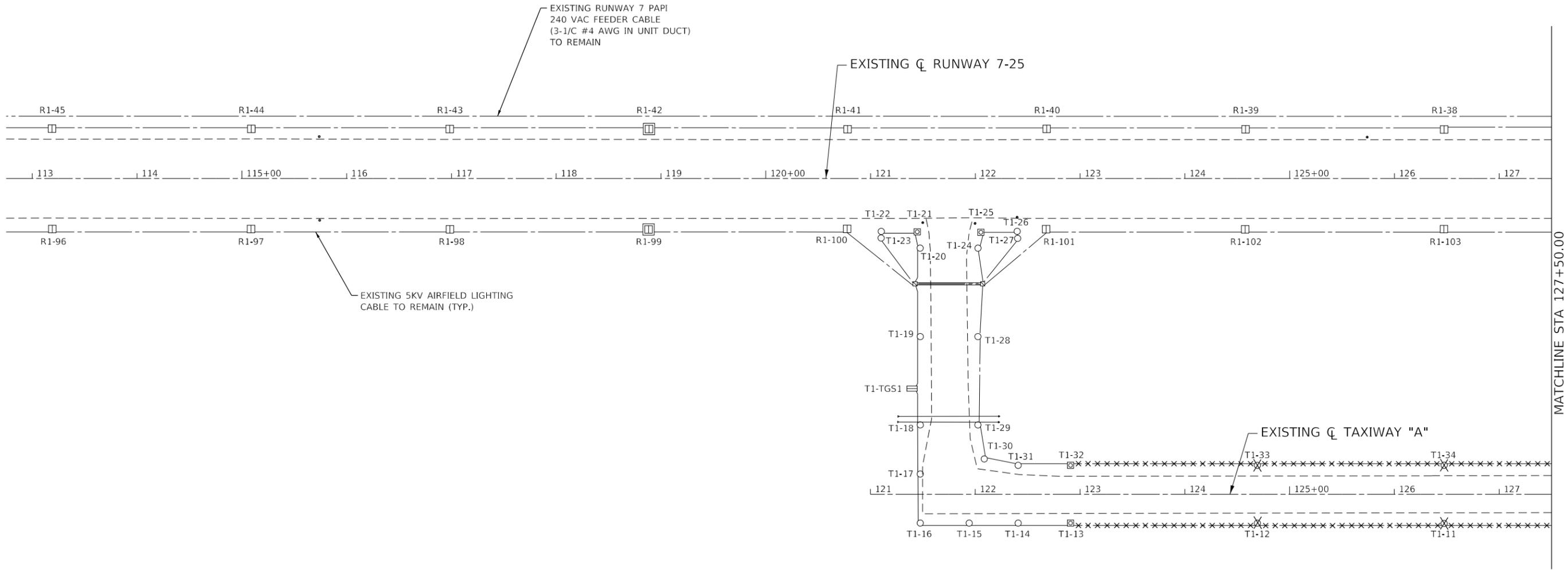
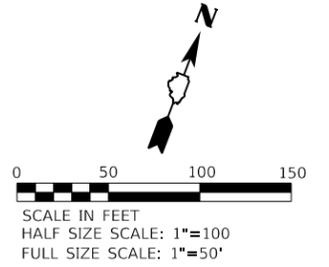
- AWG AMERICAN WIRE GAUGE
- CCR CONSTANT CURRENT REGULATOR
- CKT CIRCUIT
- CU COPPER
- FAA FEDERAL AVIATION ADMINISTRATION
- GND GROUND
- GRSC GALVANIZED RIGID STEEL CONDUIT
- HDPE HIGH DENSITY POLYETHYLENE
- HV HIGH VOLTAGE
- KV KILOVOLT
- LED LIGHT EMITTING DIODE
- LV LOW VOLTAGE
- NEC NATIONAL ELECTRICAL CODE
- NPT NATIONAL PIPE THREAD
- OSHA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
- PAPI PRECISION APPROACH PATH INDICATOR
- PCU POWER AND CONTROL UNIT
- PVC POLYVINYL CHLORIDE
- SCH SCHEDULE
- REIL RUNWAY END IDENTIFIER LIGHT
- UL UNDERWRITERS LABORATORIES
- V VOLTS
- VAC VOLTS ALTERNATING CURRENT

**AIRFIELD LIGHTING GENERAL NOTES**

1. THE CONTRACTOR SHALL FIELD VERIFY EXISTING SITE CONDITIONS. THE CONTRACTOR SHALL FIELD VERIFY RESPECTIVE CIRCUITS AND POWER SOURCES PRIOR TO REMOVING OR DISCONNECTING THE RESPECTIVE AIRFIELD LIGHTING, NAVAID, OR OTHER DEVICE.
2. ALL WORK, POWER OUTAGES, AND/OR SHUTDOWN OF EXISTING SYSTEMS SHALL BE COORDINATED WITH THE AIRPORT MANAGER. ONCE SHUT DOWN, CIRCUITS SHALL BE LABELED AS SUCH TO PREVENT ACCIDENTAL ENERGIZATION OF THE RESPECTIVE CIRCUITS. THE CONTRACTOR SHALL COMPLY WITH ALL OSHA LOCKOUT/TAGOUT PROCEDURES.
3. IN AREAS WHERE THERE IS A CONGESTION OF CABLE OR PROPOSED CABLE CROSSES AN EXISTING CABLE, THE CONTRACTOR SHALL HAND DIG THE TRENCH REQUIRED FOR THE PROPOSED CABLE. AT OTHER LOCATIONS, THE PROPOSED CABLE MAY BE TRENCHED OR PLOWED INTO PLACE. HAND DIGGING, TRENCHING, AND/OR PLOWING WILL BE CONSIDERED INCIDENTAL TO THE PROPOSED CABLES, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
4. LIGHT FIXTURES, LIGHT BASES, AND ISOLATION TRANSFORMERS DESIGNATED FOR REMOVAL SHALL BE RETURNED TO THE AIRPORT MANAGER.
5. THE CONTRACTOR MAY ELECT TO REMOVE AND SALVAGE EXISTING ELECTRIC CABLE DENOTED FOR ABANDONMENT ON THE PLANS, BUT NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CABLE REMOVAL.
6. ALL SHEETS DESIGNATED AS "ADDITIVE ALTERNATE" IN THE TITLE BLOCK SHALL BE DISREGARDED IF THE ADDITIVE ALTERNATE IS NOT ACCEPTED.
7. EXISTING LIGHT FIXTURES TO REMAIN IN PLACE WILL REQUIRE NEW NUMBERING TAGS DUE TO NEW WORK WHERE SHOWN ON THE PLANS. FIXTURE NUMBERING SHOWN ON REMOVAL PLAN SHEETS REFLECTS EXISTING CONDITIONS, AND FIXTURE NUMBERING ON PROPOSED PLAN SHEETS REPRESENTS FINAL CONDITIONS. REPLACEMENT OF LIGHT FIXTURE NUMBERING TAGS FOR EXISTING FIXTURES TO REMAIN IN PLACE IS INCIDENTAL TO THE CONTRACT.
8. THE CONTRACTOR SHALL IDENTIFY ALL EXISTING UNDERGROUND UTILITIES LOCATED WITHIN AREAS WHERE PROPOSED CABLES ARE BEING INSTALLED, AND SHALL TAKE PRECAUTIONS TO PROTECT THESE UTILITIES FROM DAMAGE. ANY UNDERGROUND UTILITY DAMAGED SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
9. ALL GROUND RODS ASSOCIATED WITH THE COUNTERPOISE SYSTEM ARE INCLUDED IN THE PRICE OF THE COUNTERPOISE WIRE. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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|  | USER NAME = rswanson       | DESIGNED - RAS    | REVISED - | <b>ROCHELLE MUNICIPAL AIRPORT<br/>MAJOR THOMAS F. KORITZ FIELD<br/>ROCHELLE, OGLE COUNTY, ILLINOIS</b> | <b>AIRFIELD LIGHTING LEGEND,<br/>GENERAL NOTES, AND ABBREVIATIONS</b> |        |              |                      |      |    |      |          |                  |  |
|  | PLOT SCALE = 2.00' = 1 in. | CHECKED - RAS     | REVISED - |  | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO.            |      |    |      |          |                  |  |
|  | PLOT DATE = 5/3/2019       | DATE - 05/03/2019 | REVISED - |  | OGLE  | 55     | 35           | CONTRACT NO. 18IL007 |      |    |      |          |                  |  |
|  |                            |                   |           |  | SCALE: NTS  | SHEET  | OF           | SHEETS               | STA. | TO | STA. | ILLINOIS | FED. AID PROJECT |  |



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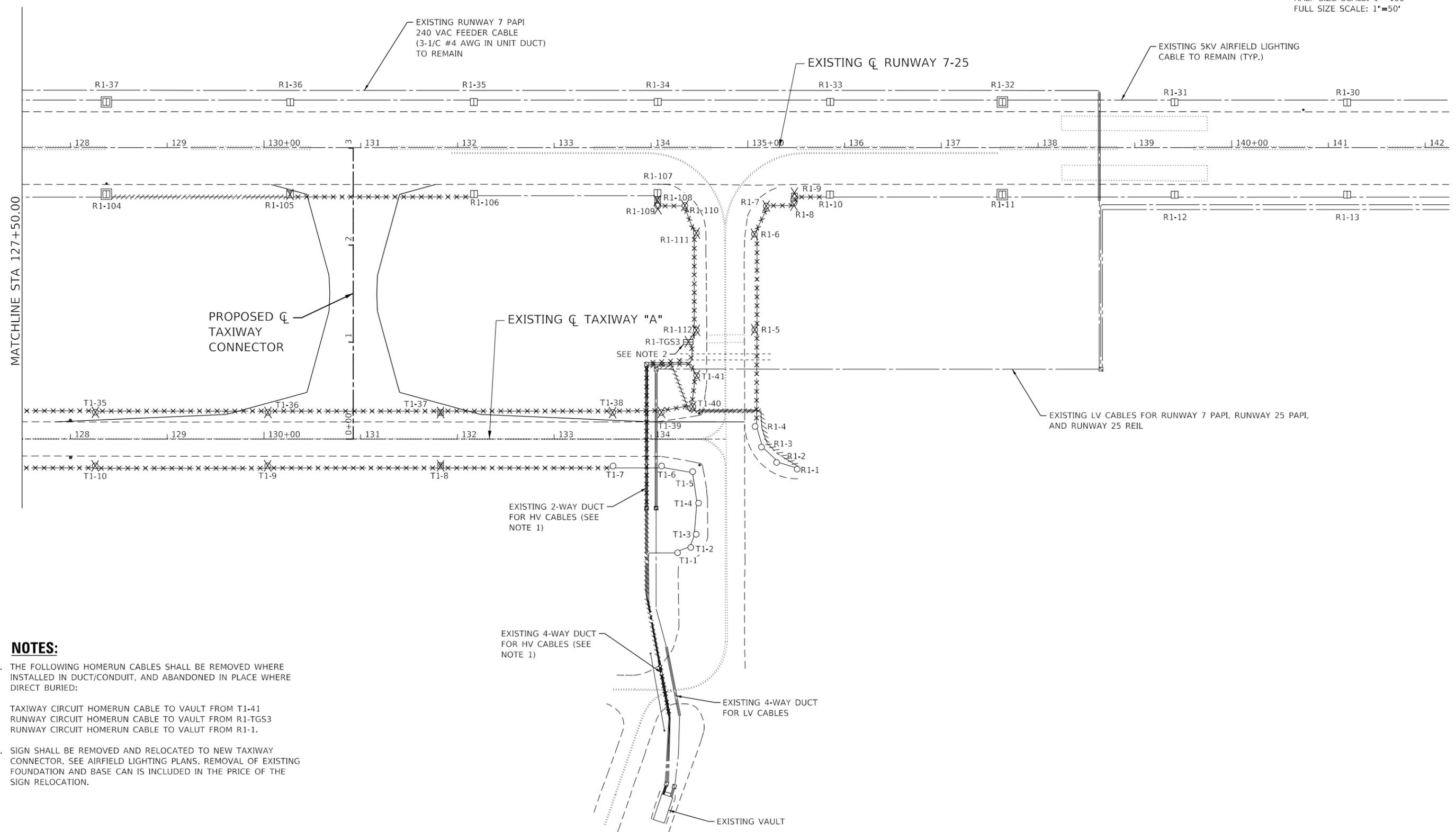
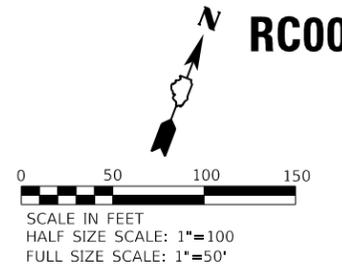
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|                            | DRAWN - SG        | REVISED - |
| PLOT SCALE = 100.00' / in. | CHECKED - RAS     | REVISED - |
| PLOT DATE = 5/3/2019       | DATE - 05/03/2019 | REVISED - |

**ROCHELLE MUNICIPAL AIRPORT**  
**MAJOR THOMAS F. KORITZ FIELD**  
**ROCHELLE, OGLE COUNTY, ILLINOIS**

**AIRFIELD LIGHTING REMOVAL PLAN**  
**BASE BID**

SCALE: 1"=50'    SHEET 1 OF 2 SHEETS    STA. 112+75.00 TO STA. 127+50.00

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | OGLE   | 55           | 36        |
| CONTRACT NO. 18IL007      |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



**NOTES:**

1. THE FOLLOWING HOMERUN CABLES SHALL BE REMOVED WHERE INSTALLED IN DUCT/CONDUIT, AND ABANDONED IN PLACE WHERE DIRECT BURIED:  
 TAXIWAY CIRCUIT HOMERUN CABLE TO VAULT FROM T1-41  
 RUNWAY CIRCUIT HOMERUN CABLE TO VAULT FROM R1-TGS3  
 RUNWAY CIRCUIT HOMERUN CABLE TO VALUT FROM R1-1.
2. SIGN SHALL BE REMOVED AND RELOCATED TO NEW TAXIWAY CONNECTOR, SEE AIRFIELD LIGHTING PLANS, REMOVAL OF EXISTING FOUNDATION AND BASE CAN IS INCLUDED IN THE PRICE OF THE SIGN RELOCATION.

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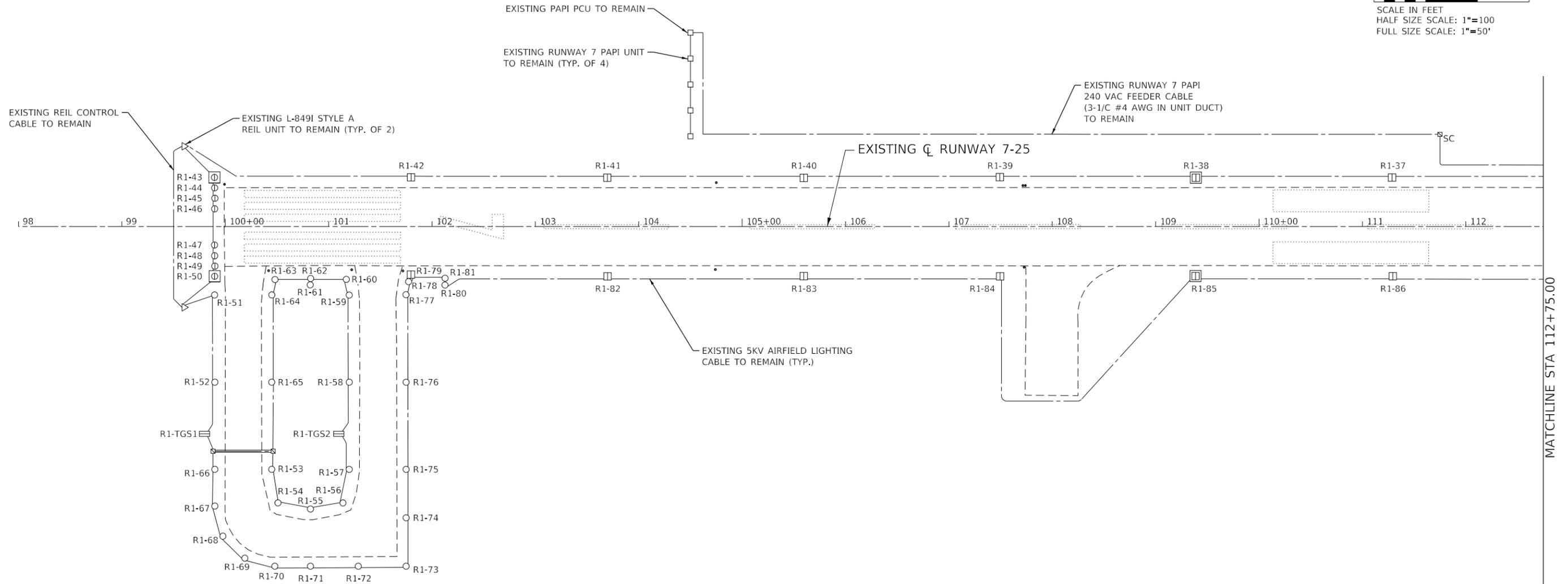
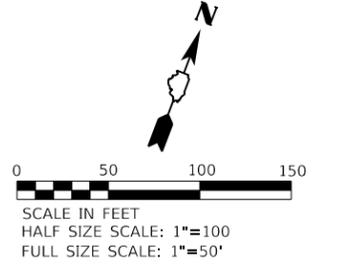


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|                            | DRAWN - SG        | REVISED - |
| PLOT SCALE = 100.00' / in. | CHECKED - RAS     | REVISED - |
| PLOT DATE = 5/3/2019       | DATE - 05/03/2019 | REVISED - |

**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

|  |         |             |                                  |
|--|---------|-------------|----------------------------------|
| <b>AIRFIELD LIGHTING REMOVAL PLAN<br/>BASE BID</b> |         |             |                                  |
| SCALE: 1"=50'                                      | SHEET 2 | OF 2 SHEETS | STA. 127+50.00 TO STA. 142+25.00 |

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | OGLE   | 55           | 37        |
| CONTRACT NO. 18IL007      |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



**NOTES:**

- 1. THE ONLY WORK ON THIS SHEET IS REPLACEMENT OF LIGHT FIXTURE NUMBERING TAGS.

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|                            | DATE - 05/03/2019 | REVISED - |

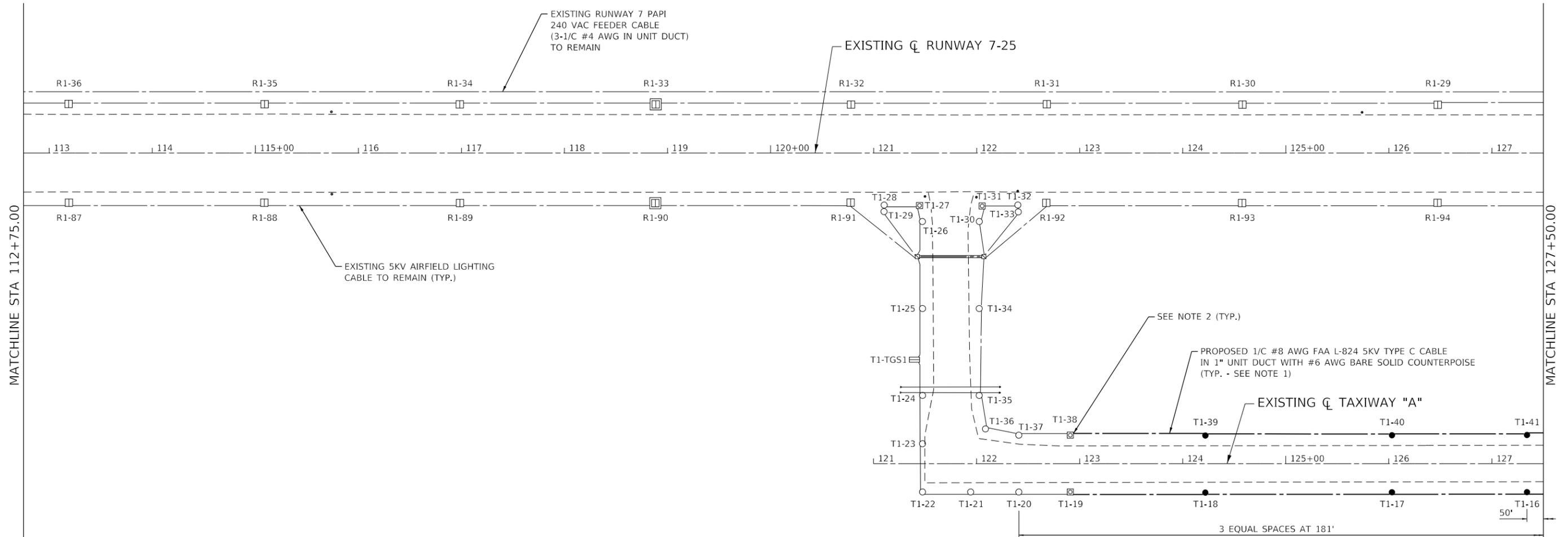
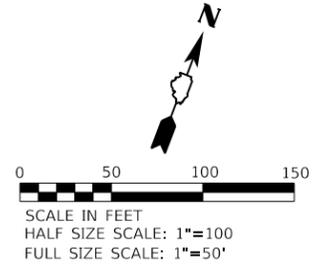
**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

**AIRFIELD LIGHTING PLAN  
 BASE BID**

|               |                     |                                 |
|---------------|---------------------|---------------------------------|
| SCALE: 1"=50' | SHEET 1 OF 4 SHEETS | STA. 98+00.00 TO STA. 112+75.00 |
|---------------|---------------------|---------------------------------|

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | OGLE   | 55           | 38        |
| CONTRACT NO. 18IL007      |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |

MATCHLINE STA 112+75.00

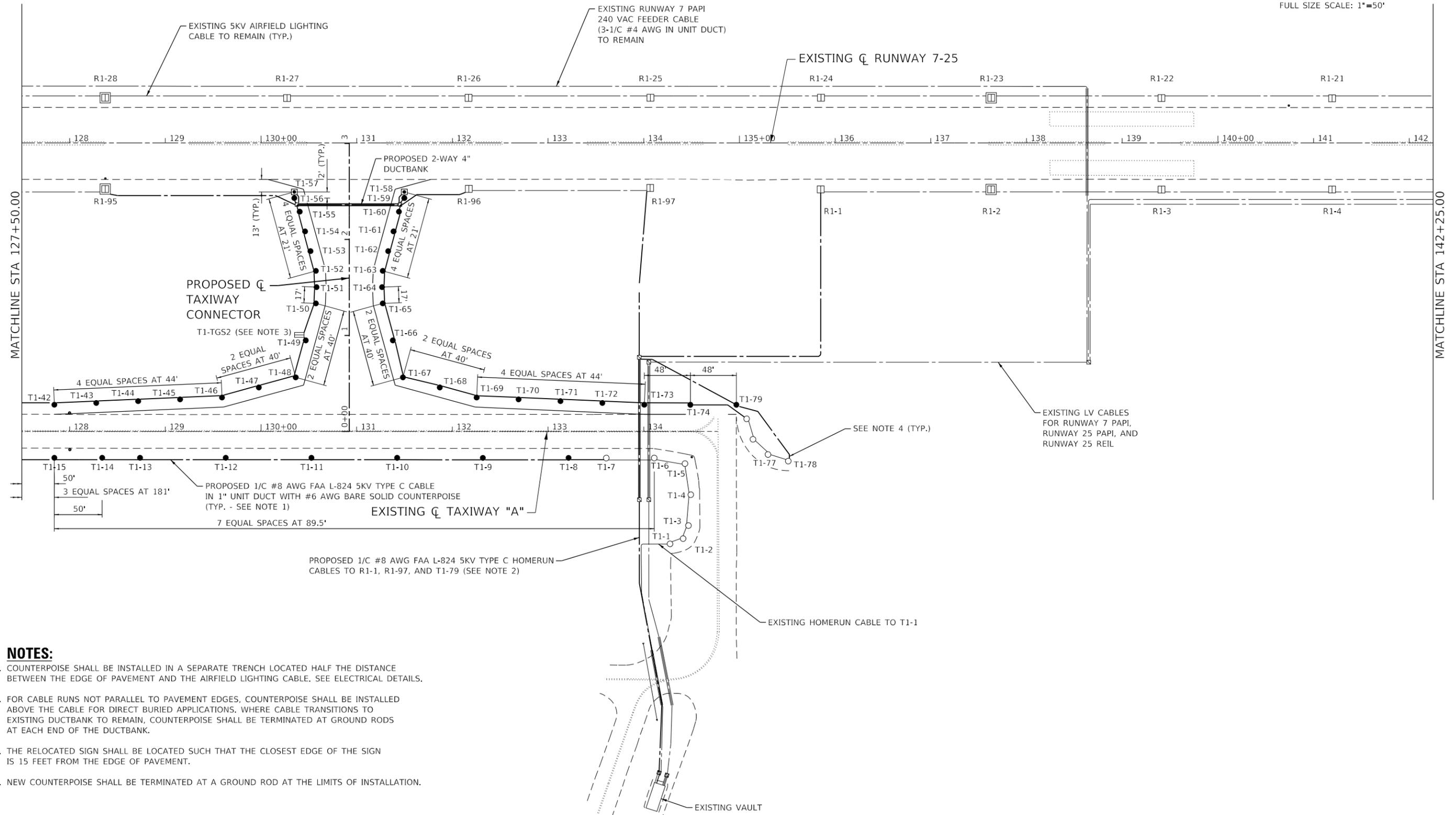
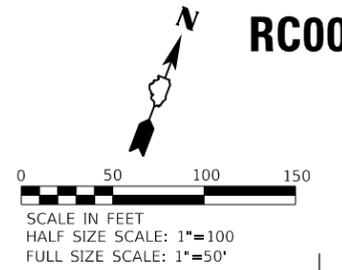


**NOTES:**

1. COUNTERPOISE SHALL BE INSTALLED IN A SEPARATE TRENCH LOCATED HALF THE DISTANCE BETWEEN THE EDGE OF PAVEMENT AND THE AIRFIELD LIGHTING CABLE. SEE ELECTRICAL DETAILS.
2. NEW COUNTERPOISE SHALL BE TERMINATED AT A GROUND ROD AT THE LIMITS OF INSTALLATION.

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|                      | USER NAME = rswanson       | DESIGNED - RAS | REVISED -  | <b>ROCHELLE MUNICIPAL AIRPORT<br/>MAJOR THOMAS F. KORITZ FIELD<br/>ROCHELLE, OGLE COUNTY, ILLINOIS</b> | <b>AIRFIELD LIGHTING PLAN<br/>BASE BID</b> |         |             | SECTION                   | COUNTY            | TOTAL SHEETS | SHEET NO. |
|                      | PLOT SCALE = 100.00' / in. | CHECKED - RAS  | REVISIED - |  | SCALE: 1"=50'                              | SHEET 2 | OF 4 SHEETS | STA. 112+75.00            | TO STA. 127+50.00 | OGLE         | 55        |
| PLOT DATE = 5/3/2019 | DATE - 05/03/2019          | REVISIED -     |            |  |  |         |             | CONTRACT NO. 18IL007      |                   |              |           |
|                      |                            |                |            |  |  |         |             | ILLINOIS FED. AID PROJECT |                   |              |           |



**NOTES:**

1. COUNTERPOISE SHALL BE INSTALLED IN A SEPARATE TRENCH LOCATED HALF THE DISTANCE BETWEEN THE EDGE OF PAVEMENT AND THE AIRFIELD LIGHTING CABLE. SEE ELECTRICAL DETAILS.
2. FOR CABLE RUNS NOT PARALLEL TO PAVEMENT EDGES, COUNTERPOISE SHALL BE INSTALLED ABOVE THE CABLE FOR DIRECT BURIED APPLICATIONS. WHERE CABLE TRANSITIONS TO EXISTING DUCTBANK TO REMAIN, COUNTERPOISE SHALL BE TERMINATED AT GROUND RODS AT EACH END OF THE DUCTBANK.
3. THE RELOCATED SIGN SHALL BE LOCATED SUCH THAT THE CLOSEST EDGE OF THE SIGN IS 15 FEET FROM THE EDGE OF PAVEMENT.
4. NEW COUNTERPOISE SHALL BE TERMINATED AT A GROUND ROD AT THE LIMITS OF INSTALLATION.

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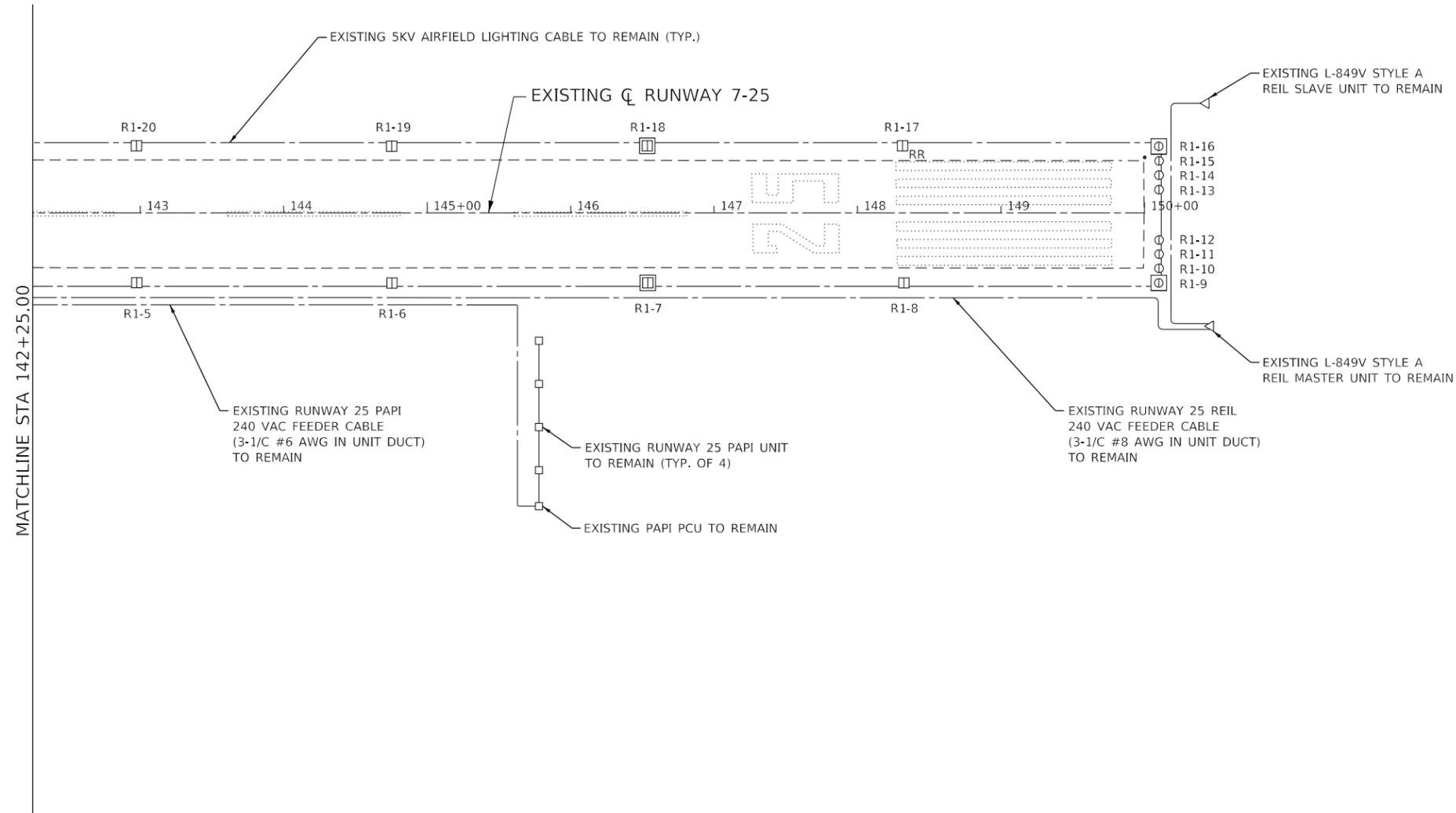
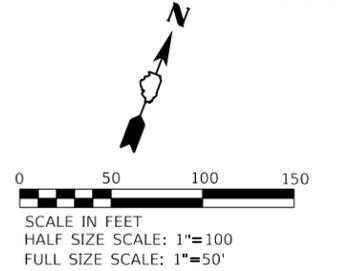


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|----------------------------|-------------------|-----------|
| USER NAME = rswanson       | DESIGNED - RAS    | REVISED - |
| PLOT SCALE = 100.00' / in. | DRAWN - SG        | REVISED - |
| PLOT DATE = 5/3/2019       | CHECKED - RAS     | REVISED - |
|                            | DATE - 05/03/2019 | REVISED - |

**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

|   |         |             |                                  |
|---|---------|-------------|----------------------------------|
| <b>AIRFIELD LIGHTING PLAN<br/>                 BASE BID</b> |         |             |                                  |
| SCALE: 1"=50'   | SHEET 3 | OF 4 SHEETS | STA. 127+50.00 TO STA. 142+25.00 |

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | OGLE   | 55           | 40        |
| CONTRACT NO. 181L007      |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |

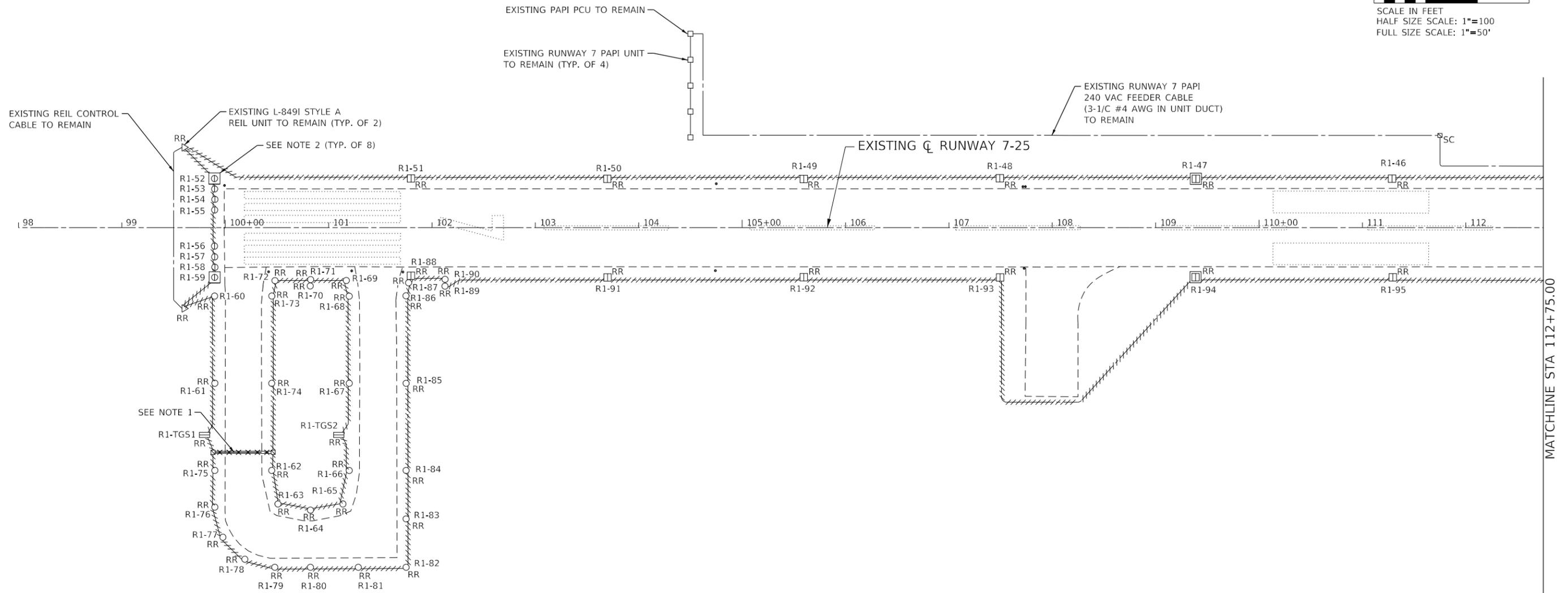
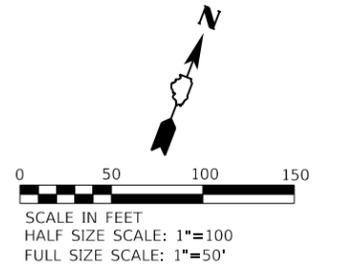


**NOTES:**

1. THE ONLY WORK SHOWN ON THIS SHEET IS REPLACEMENT OF LIGHT FIXTURE NUMBERING TAGS.

MODEL: D:\1118007\1118007.dwg  
 FILE NAME: 1118007\_1118007.dwg  
 SHEET: 04

|                      |                            |                |                   |  |   |         |                      |         |                |                           |           |
|----------------------|----------------------------|----------------|-------------------|--|---|---------|----------------------|---------|----------------|---------------------------|-----------|
|                      | USER NAME = rswanson       | DESIGNED - RAS | REVISED -         | <b>ROCHELLE MUNICIPAL AIRPORT<br/>                 MAJOR THOMAS F. KORITZ FIELD<br/>                 ROCHELLE, OGLE COUNTY, ILLINOIS</b> | <b>AIRFIELD LIGHTING PLAN<br/>                 BASE BID</b> |         |                      | SECTION | COUNTY         | TOTAL SHEETS              | SHEET NO. |
|                      | PLOT SCALE = 100.00' / in. | DRAWN - SG     | REVISED -         |  | SCALE: 1"=50'   | SHEET 4 | OF 4                 | SHEETS  | STA. 142+25.00 | TO STA. 150+00.00         | OGLE      |
| PLOT DATE = 5/3/2019 | CHECKED - RAS              | REVISED -      | DATE - 05/03/2019 |  |   |         | CONTRACT NO. 18IL007 |         |                | ILLINOIS FED. AID PROJECT |           |



**NOTES:**

1. REMOVE EXISTING RUNWAY CIRCUIT CABLING FROM EXISTING 2-WAY 4" DUCTBANK TO REMAIN IN PLACE.
2. REMOVE EXISTING ISOLATION TRANSFORMERS FOR (8) RUNWAY 7 THRESHOLD LIGHTS.

MODEL: D:\118007\118007.dwg  
 FILE NAME: 118007\_118007.dwg  
 SHEETS: 118007\_118007.dwg  
 SHEET: 118007\_118007.dwg



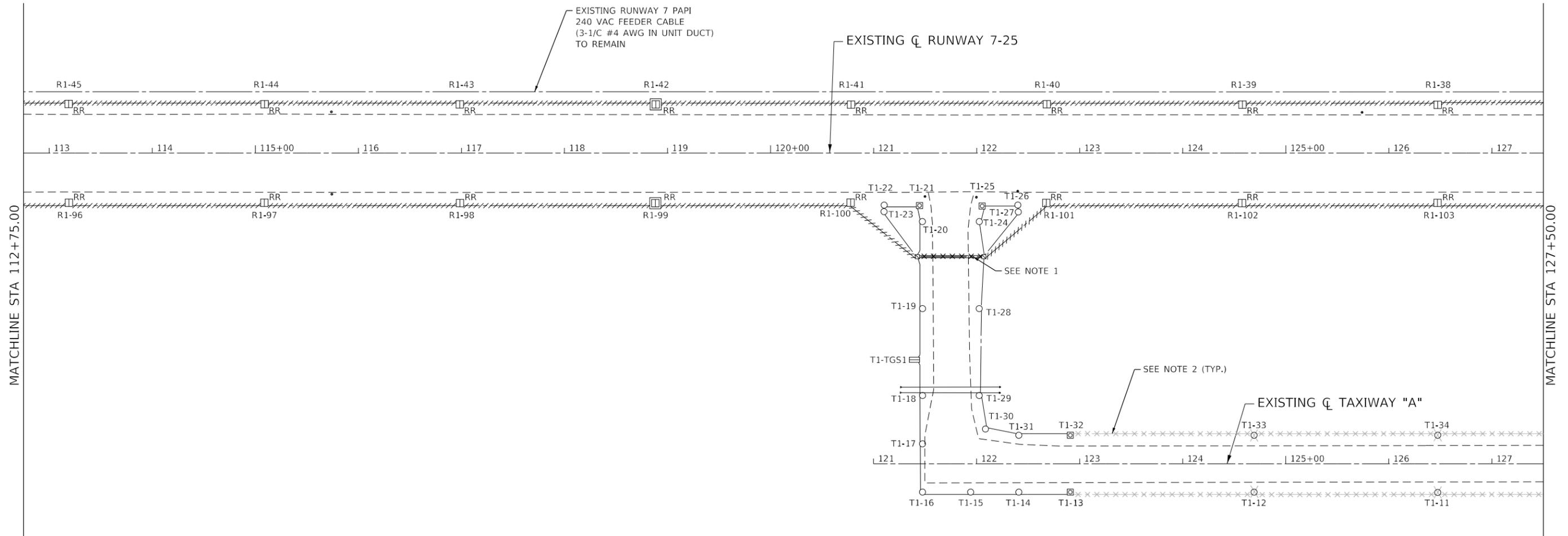
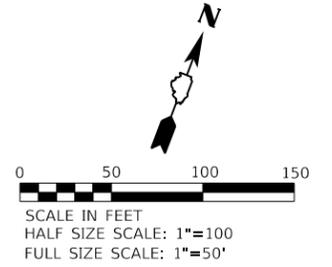
|                            |                   |           |
|----------------------------|-------------------|-----------|
| USER NAME = rswanson       | DESIGNED - RAS    | REVISED - |
| PLOT SCALE = 100.00' / in. | DRAWN - SG        | REVISED - |
| PLOT DATE = 5/3/2019       | CHECKED - RAS     | REVISED - |
|                            | DATE - 05/03/2019 | REVISED - |

**ROCHELLE MUNICIPAL AIRPORT**  
**MAJOR THOMAS F. KORITZ FIELD**  
**ROCHELLE, OGLE COUNTY, ILLINOIS**

**AIRFIELD LIGHTING REMOVAL PLAN**  
**ADDITIVE ALTERNATE**

SCALE: 1"=50'    SHEET 1 OF 4 SHEETS    STA. 98+00.00 TO STA. 112+75.00

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | OGLE   | 55           | 42        |
| CONTRACT NO. 18IL007      |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |

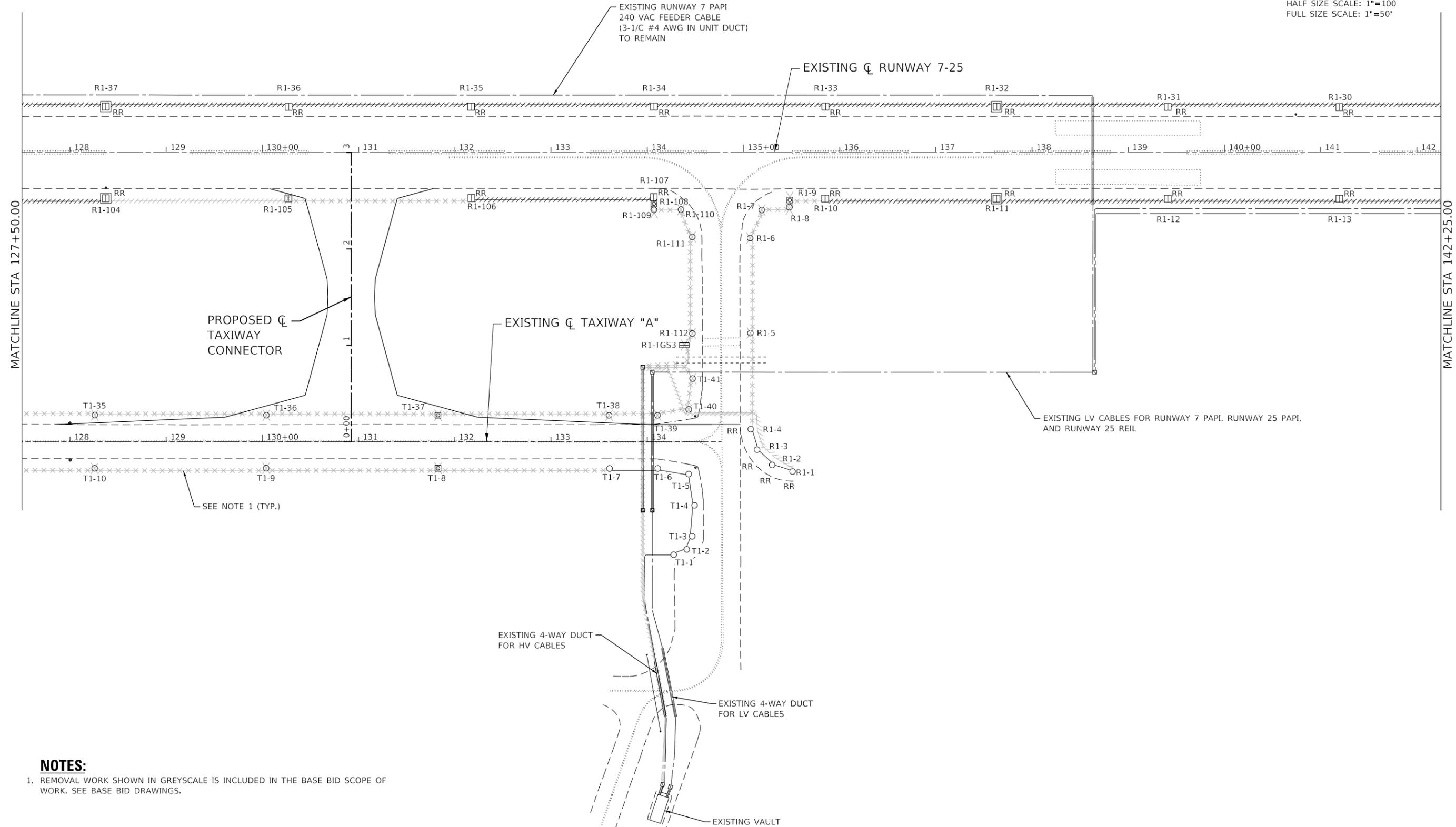
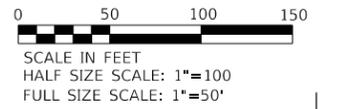


**NOTES:**

1. REMOVE EXISTING RUNWAY CIRCUIT CABLING FROM EXISTING 2-WAY 4" DUCTBANK. TO REMAIN IN PLACE. EXISTING TAXIWAY CIRCUIT CABLING SHALL REMAIN IN PLACE.
2. REMOVAL WORK SHOWN IN GREYSCALE IS INCLUDED IN THE BASE BID SCOPE OF WORK. SEE BASE BID DRAWINGS.

MODEL: D:\18007\18007.dwg  
 FILE NAME: 11329204\_CADD\CADD\_Sheets\18007-2ht\lightrem-additl1-02.dgn

|                      |                            |                   |           |  |  |                           |        |              |                      |
|----------------------|----------------------------|-------------------|-----------|--|--|---------------------------|--------|--------------|----------------------|
|                      | USER NAME = rswanson       | DESIGNED - RAS    | REVISED - | <b>ROCHELLE MUNICIPAL AIRPORT<br/>MAJOR THOMAS F. KORITZ FIELD<br/>ROCHELLE, OGLE COUNTY, ILLINOIS</b> | <b>AIRFIELD LIGHTING REMOVAL PLAN<br/>ADDITIVE ALTERNATE</b> | SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO.            |
|                      | PLOT SCALE = 100.00' / in. | CHECKED - RAS     | REVISED - |  |  | OGLE                      | 55     | 43           | CONTRACT NO. 18IL007 |
| PLOT DATE = 5/3/2019 |                            | DATE - 05/03/2019 | REVISED - | SCALE: 1"=50'    SHEET 2 OF 4 SHEETS    STA. 112+75.00 TO STA. 127+50.00                               |  | ILLINOIS FED. AID PROJECT |        |              |                      |



**NOTES:**

- 1. REMOVAL WORK SHOWN IN GREYSCALE IS INCLUDED IN THE BASE BID SCOPE OF WORK. SEE BASE BID DRAWINGS.

MODEL: D:\1118007\1118007.dwg  
 FILE NAME: 1118007\_01\_CADD\CADD\_Sheets\1118007\_01.dwg  
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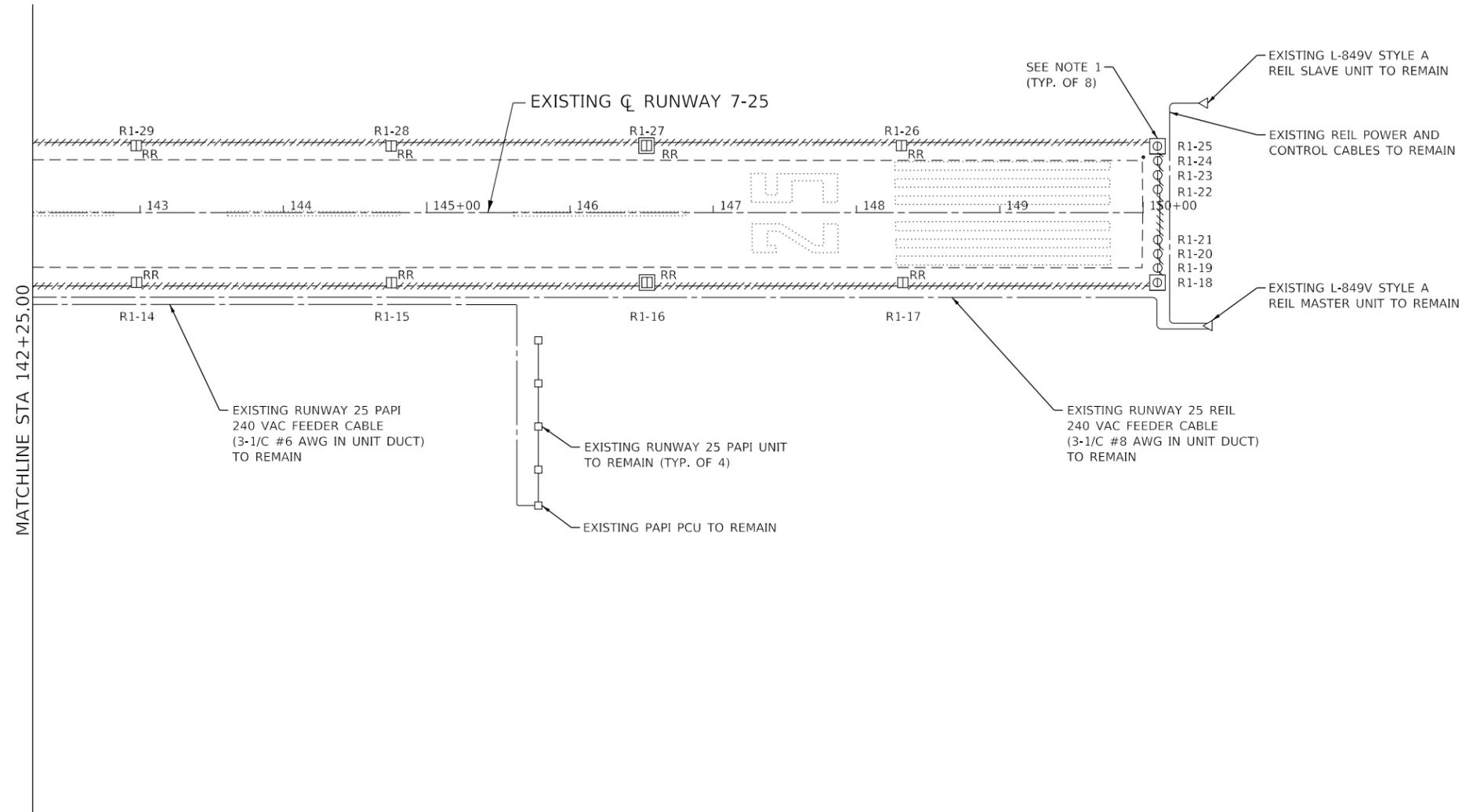
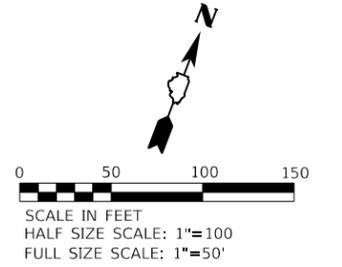


|                            |                   |           |
|----------------------------|-------------------|-----------|
| USER NAME = rswanson       | DESIGNED - RAS    | REVISED - |
| PLOT SCALE = 100.00' / in. | DRAWN - SG        | REVISED - |
| PLOT DATE = 5/3/2019       | CHECKED - RAS     | REVISED - |
|                            | DATE - 05/03/2019 | REVISED - |

**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

|  |         |             |                                  |
|--|---------|-------------|----------------------------------|
| <b>AIRFIELD LIGHTING REMOVAL PLAN<br/>ADDITIVE ALTERNATE</b> |         |             |                                  |
| SCALE: 1"=50'  | SHEET 3 | OF 4 SHEETS | STA. 127+50.00 TO STA. 142+25.00 |

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | OGLE   | 55           | 44        |
| CONTRACT NO. 181L007      |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



**NOTES:**

- REMOVE EXISTING ISOLATION TRANSFORMERS FOR (8) RUNWAY 25 THRESHOLD LIGHTS.

MODEL: D:\1118007\1118007.dwg  
 FILE NAME: 1118007\_1118007\_CADD\CADD\_Sheets\1118007.dwg  
 USER: rs  
 DATE: 5/3/2019



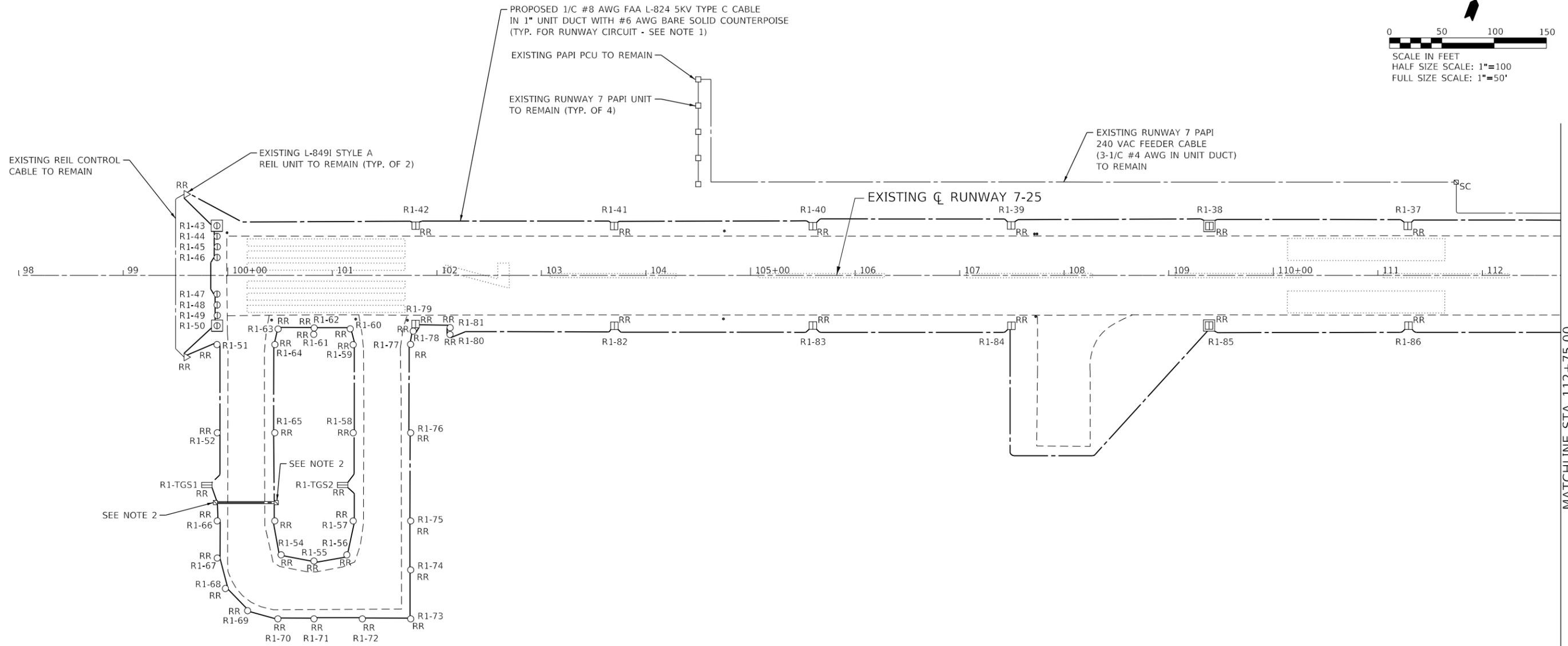
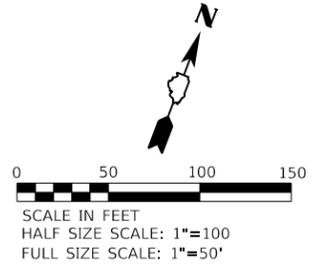
|                            |                   |           |
|----------------------------|-------------------|-----------|
| USER NAME = rs             | DESIGNED - RAS    | REVISED - |
| PLOT SCALE = 100.00' / in. | DRAWN - SG        | REVISED - |
| PLOT DATE = 5/3/2019       | CHECKED - RAS     | REVISED - |
|                            | DATE - 05/03/2019 | REVISED - |

**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

**AIRFIELD LIGHTING REMOVAL PLAN  
 ADDITIVE ALTERNATE**

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 142+25.00 TO STA. 150+00.00

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | OGLE   | 55           | 45        |
| CONTRACT NO. 18IL007      |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



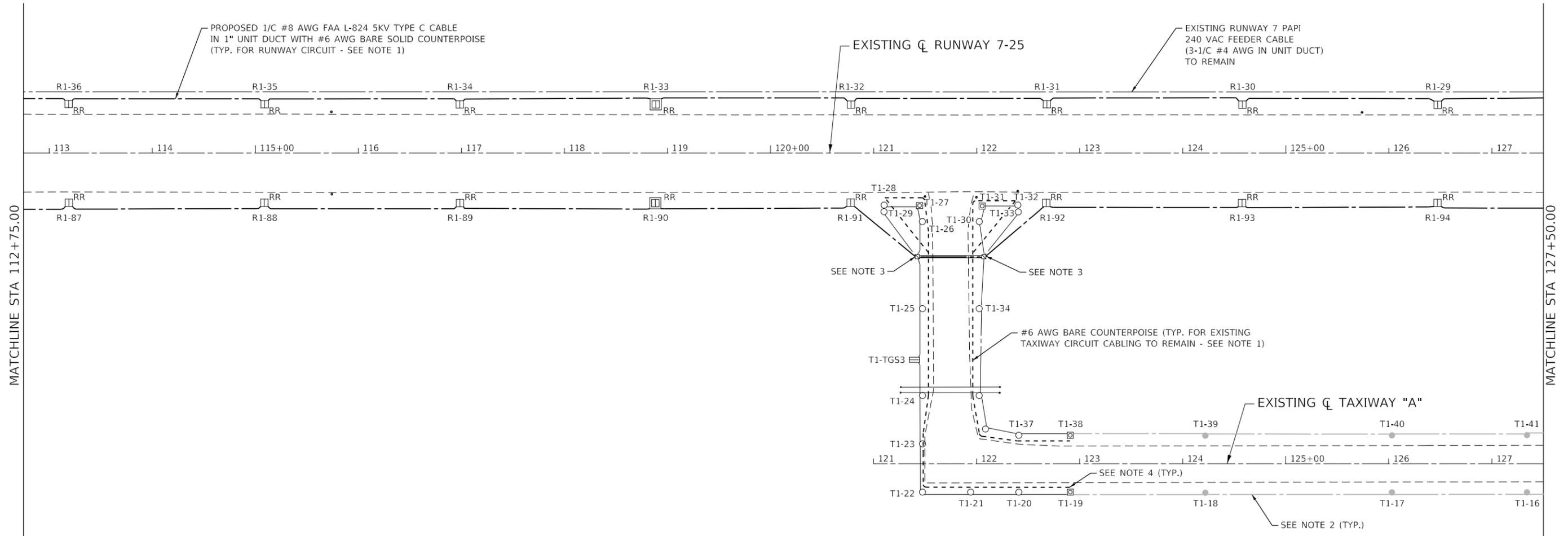
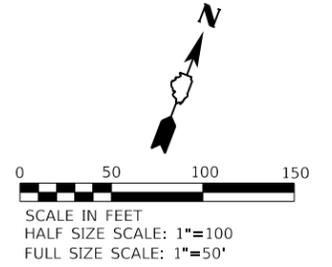
MATCHLINE STA 112+75.00

**NOTES:**

1. COUNTERPOISE SHALL BE INSTALLED IN A SEPARATE TRENCH LOCATED HALF THE DISTANCE BETWEEN THE EDGE OF PAVEMENT AND THE AIRFIELD LIGHTING CABLE. SEE ELECTRICAL DETAILS.
2. BARE COUNTERPOISE SHALL BE TERMINATED AT GROUND RODS AT EACH END OF EXISTING DUCTBANK. COUNTERPOISE SHALL NOT BE INSTALLED IN DUCTBANK.

MODEL: D:\118007\118007.dwg  
FILE NAME: 118007\_01\_CADD\CADD\_Sheets\118007-airfield-light-addit-01.dwg

|                      |                            |                |           |  |  |                                 |        |                           |                      |
|----------------------|----------------------------|----------------|-----------|--|--|---------------------------------|--------|---------------------------|----------------------|
|                      | USER NAME = rswanson       | DESIGNED - RAS | REVISED - | <b>ROCHELLE MUNICIPAL AIRPORT<br/>MAJOR THOMAS F. KORITZ FIELD<br/>ROCHELLE, OGLE COUNTY, ILLINOIS</b> | <b>AIRFIELD LIGHTING PLAN<br/>ADDITIVE ALTERNATE</b> | SECTION                         | COUNTY | TOTAL SHEETS              | SHEET NO.            |
|                      | PLOT SCALE = 100.00' / in. | CHECKED - RAS  | REVISED - |  |  | OGLE                            | 55     | 46                        | CONTRACT NO. 18IL007 |
| PLOT DATE = 5/3/2019 | DATE - 05/03/2019          | REVISED -      |           | SCALE: 1"=50'  | SHEET 1 OF 4 SHEETS                                  | STA. 98+00.00 TO STA. 112+75.00 |        | ILLINOIS FED. AID PROJECT |                      |



**NOTES:**

1. COUNTERPOISE SHALL BE INSTALLED IN A SEPARATE TRENCH LOCATED HALF THE DISTANCE BETWEEN THE EDGE OF PAVEMENT AND THE AIRFIELD LIGHTING CABLE. SEE ELECTRICAL DETAILS.
2. PROPOSED WORK SHOWN IN GREYSCALE IS INCLUDED IN THE BASE BID SCOPE OF WORK. SEE BASE BID DRAWINGS.
3. BARE COUNTERPOISE SHALL BE TERMINATED AT GROUND RODS AT EACH END OF EXISTING DUCTBANK. COUNTERPOISE SHALL NOT BE INSTALLED IN DUCTBANK.
4. CONNECT COUNTERPOISE TO GROUND ROD INSTALLED UNDER BASE BID AT LIMITS OF INSTALLATION.

MODEL: D:\118007\118007.dwg  
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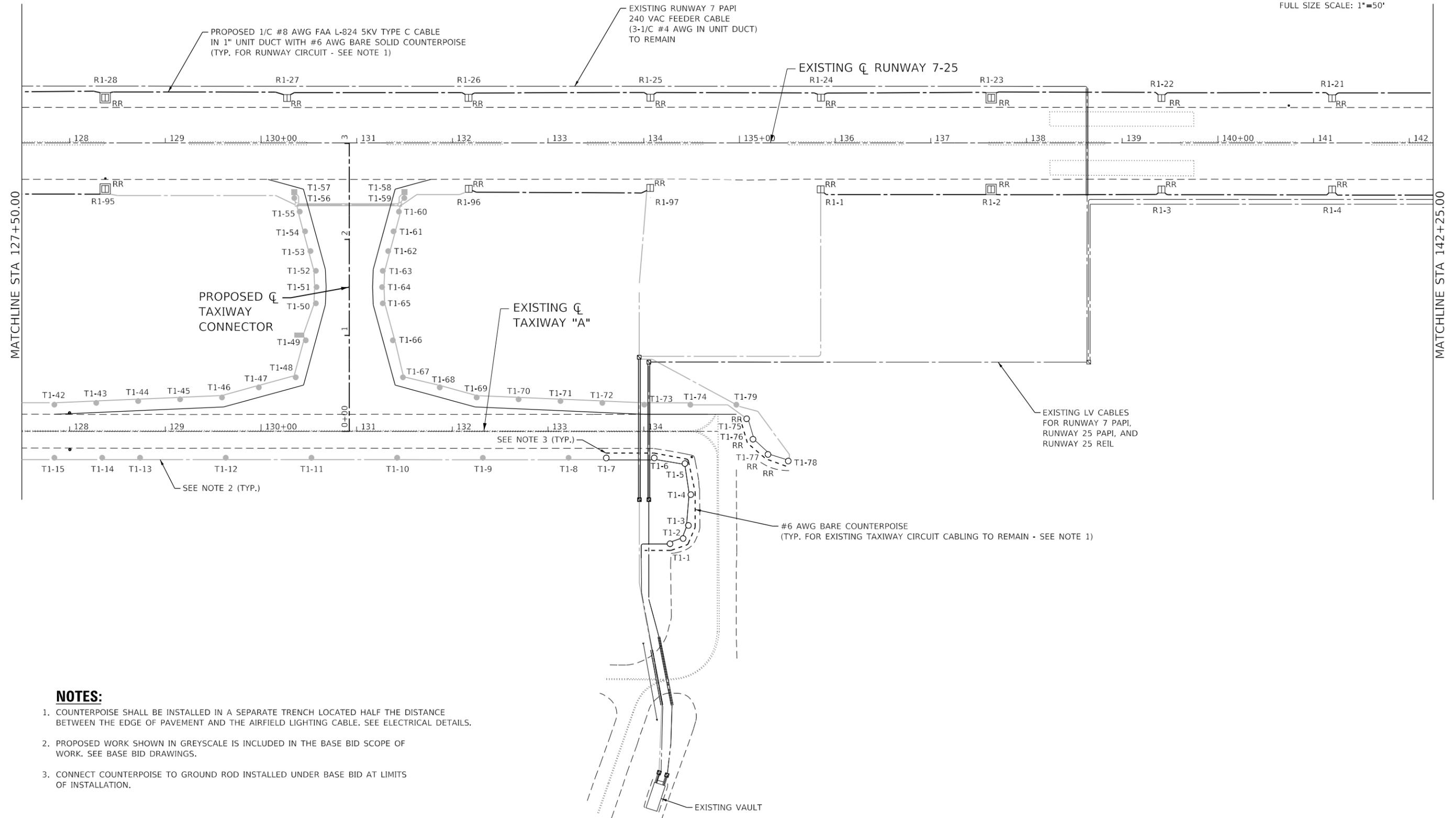
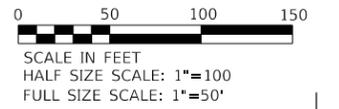
|                            |                   |           |
|----------------------------|-------------------|-----------|
| USER NAME = rswanson       | DESIGNED - RAS    | REVISED - |
|                            | DRAWN - SG        | REVISED - |
| PLOT SCALE = 100.00' / in. | CHECKED - RAS     | REVISED - |
| PLOT DATE = 5/3/2019       | DATE - 05/03/2019 | REVISED - |

**ROCHELLE MUNICIPAL AIRPORT  
 MAJOR THOMAS F. KORITZ FIELD  
 ROCHELLE, OGLE COUNTY, ILLINOIS**

**AIRFIELD LIGHTING PLAN  
 ADDITIVE ALTERNATE**

SCALE: 1"=50'    SHEET 2 OF 4 SHEETS    STA. 112+75.00 TO STA. 127+50.00

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | OGLE   | 55           | 47        |
| CONTRACT NO. 18IL007      |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



**NOTES:**

1. COUNTERPOISE SHALL BE INSTALLED IN A SEPARATE TRENCH LOCATED HALF THE DISTANCE BETWEEN THE EDGE OF PAVEMENT AND THE AIRFIELD LIGHTING CABLE. SEE ELECTRICAL DETAILS.
2. PROPOSED WORK SHOWN IN GREYSKALE IS INCLUDED IN THE BASE BID SCOPE OF WORK. SEE BASE BID DRAWINGS.
3. CONNECT COUNTERPOISE TO GROUND ROD INSTALLED UNDER BASE BID AT LIMITS OF INSTALLATION.

MODEL: D:\118007\118007.dwg  
 FILE NAME: 118007\_118007.dwg  
 SHEET: 03 OF 03  
 DATE: 5/3/2019



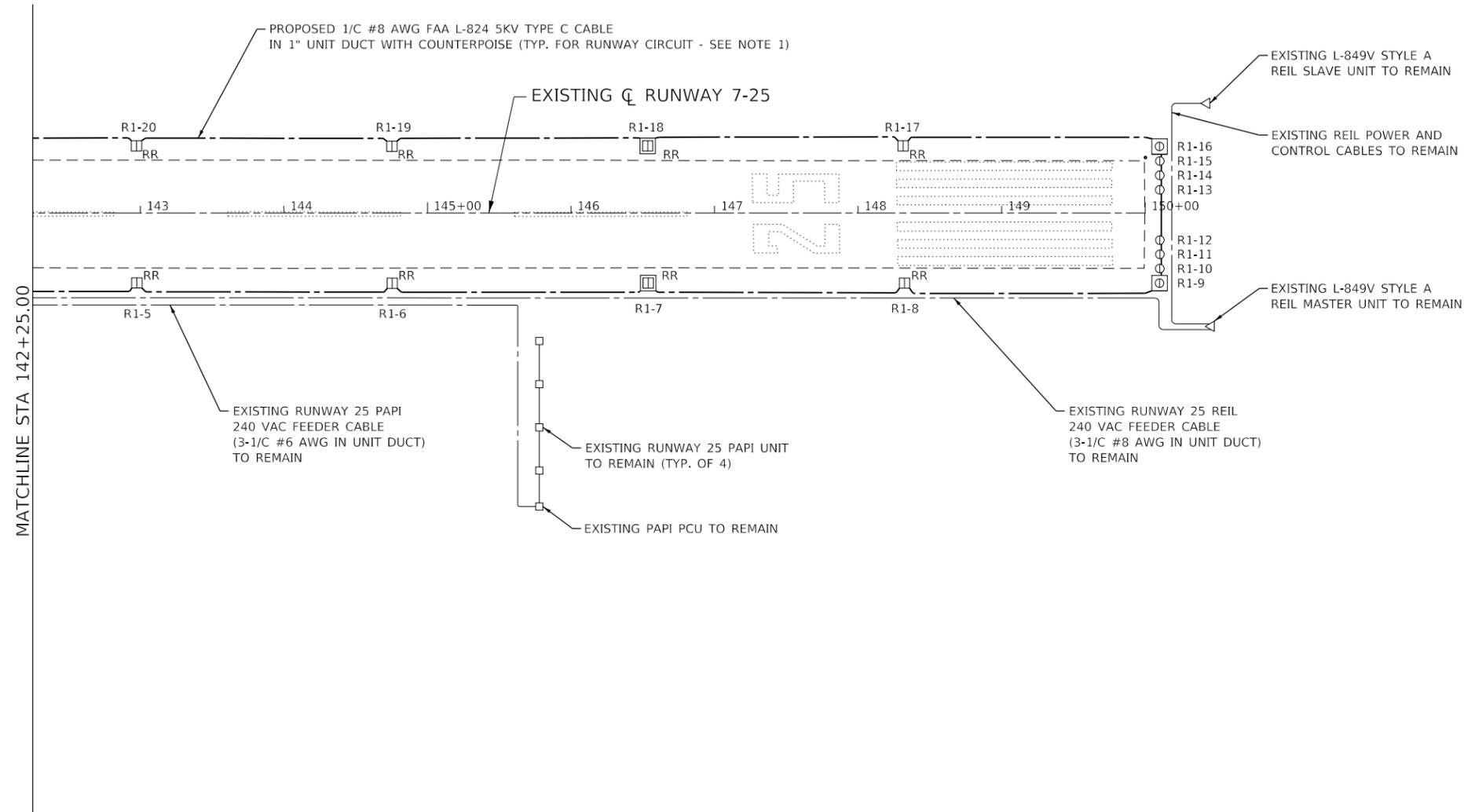
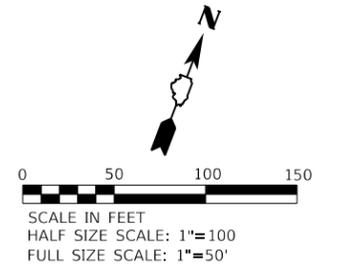
|                            |                   |           |
|----------------------------|-------------------|-----------|
| USER NAME = rswanson       | DESIGNED - RAS    | REVISED - |
| PLOT SCALE = 100.00' / in. | DRAWN - SG        | REVISED - |
| PLOT DATE = 5/3/2019       | CHECKED - RAS     | REVISED - |
|                            | DATE - 05/03/2019 | REVISED - |

**ROCHELLE MUNICIPAL AIRPORT**  
**MAJOR THOMAS F. KORITZ FIELD**  
**ROCHELLE, OGLE COUNTY, ILLINOIS**

**AIRFIELD LIGHTING PLAN**  
**ADDITIVE ALTERNATE**

SCALE: 1"=50'    SHEET 3 OF 4 SHEETS    STA. 127+50.00 TO STA. 142+25.00

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | OGLE   | 55           | 48        |
| CONTRACT NO. 18IL007      |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |

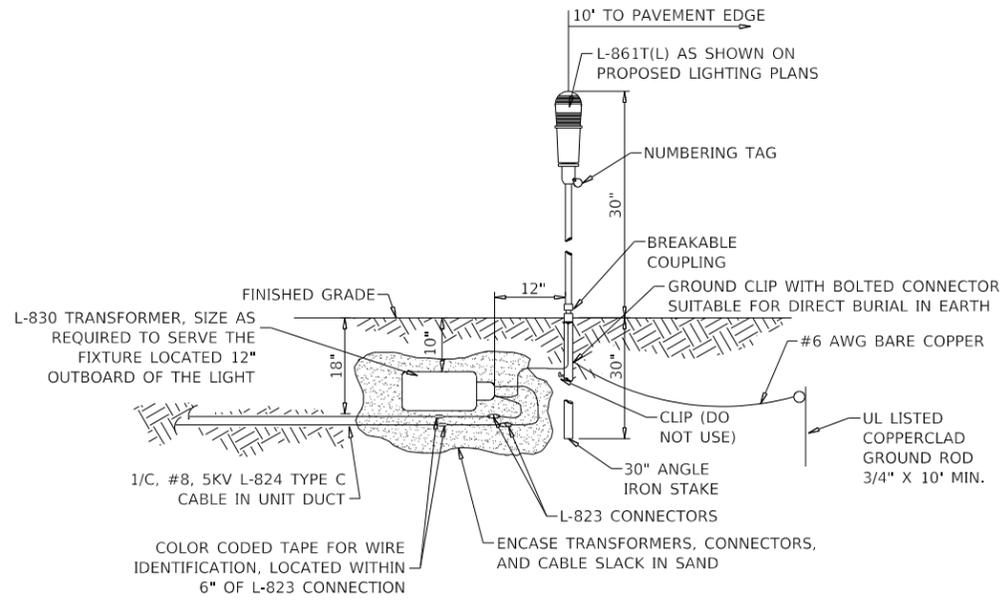


**NOTES:**

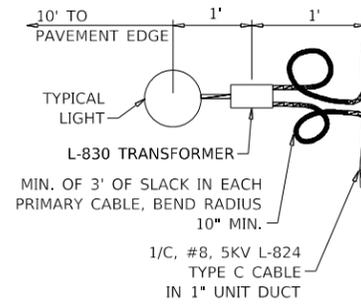
- COUNTERPOISE SHALL BE INSTALLED IN A SEPARATE TRENCH LOCATED HALF THE DISTANCE BETWEEN THE EDGE OF PAVEMENT AND THE AIRFIELD LIGHTING CABLE. SEE ELECTRICAL DETAILS.

MODEL: D:\1118007\1118007.dgn  
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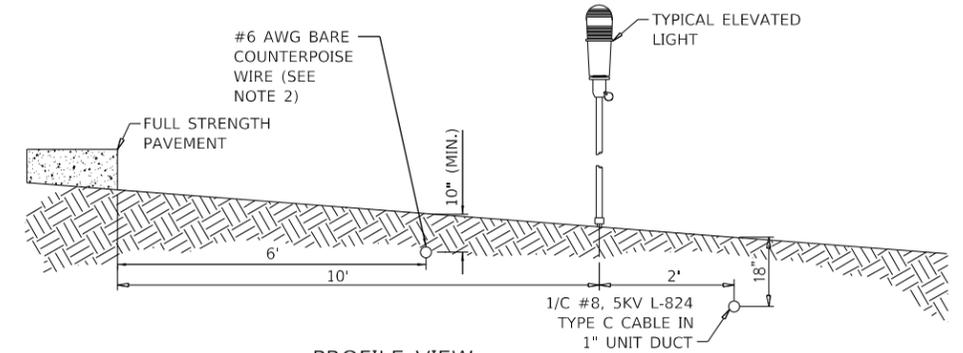
|  |                            |                   |           |  |  |         |      |                           |                |                   |           |
|--|----------------------------|-------------------|-----------|--|--|---------|------|---------------------------|----------------|-------------------|-----------|
|  | USER NAME = rswanson       | DESIGNED - RAS    | REVISED - | <b>ROCHELLE MUNICIPAL AIRPORT<br/>MAJOR THOMAS F. KORITZ FIELD<br/>ROCHELLE, OGLE COUNTY, ILLINOIS</b> | <b>AIRFIELD LIGHTING PLAN<br/>ADDITIVE ALTERNATE</b> |         |      | SECTION                   | COUNTY         | TOTAL SHEETS      | SHEET NO. |
|  | PLOT SCALE = 100.00' / in. | CHECKED - RAS     | REVISED - |  | SCALE: 1"=50'  | SHEET 4 | OF 4 | SHEETS                    | STA. 142+25.00 | TO STA. 150+00.00 | OGLE      |
|  | PLOT DATE = 5/3/2019       | DATE - 05/03/2019 | REVISED - |  |  |         |      | CONTRACT NO. 18IL007      |                |                   |           |
|  |                            |                   |           |  |  |         |      | ILLINOIS FED. AID PROJECT |                |                   |           |



MEDIUM INTENSITY TAXIWAY EDGE LIGHT - STAKE MOUNTED  
(NOT TO SCALE)



PLAN VIEW

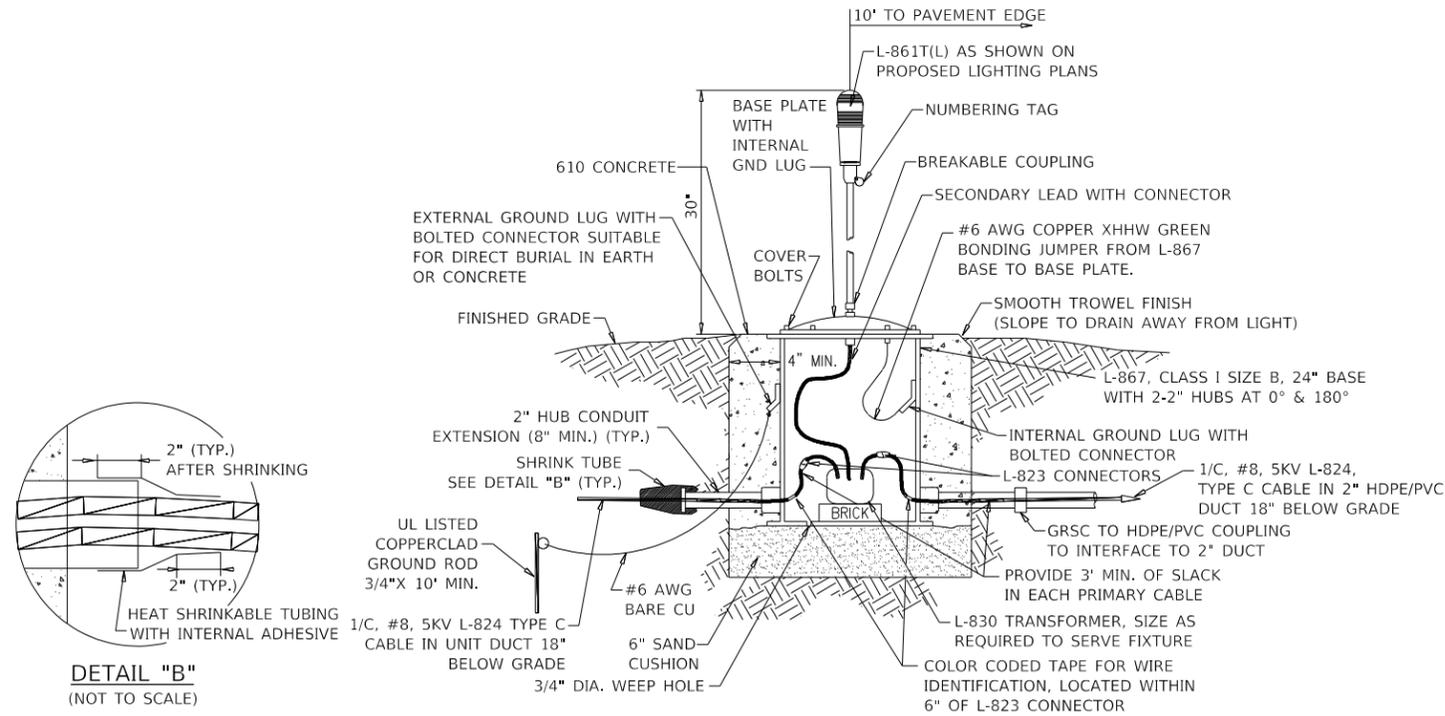


PROFILE VIEW

LIGHT AND CABLE INSTALLATION DETAIL  
(NOT TO SCALE)

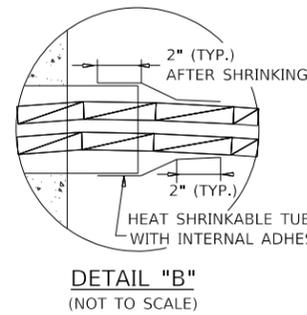
NOTES:

1. THIS DETAIL APPLIES TO LOCATIONS WITH NEW LIGHT FIXTURES AND NEW WIRING. SEE PROPOSED AIRFIELD LIGHTING PLANS FOR LIGHT FIXTURE LOCATIONS.
2. COUNTERPOISE WIRE SHALL BE EXOTHERMICALLY WELDED TO 3/4" X 10' GROUND RODS AT A MAXIMUM SPACING OF 500 FEET.

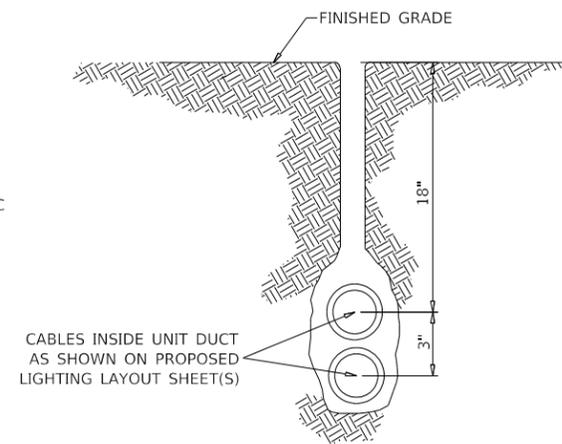


MEDIUM INTENSITY TAXIWAY EDGE LIGHT - BASE MOUNTED  
(NOT TO SCALE)

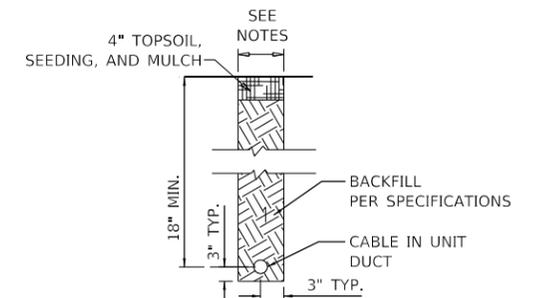
NOTE: SEE PROPOSED ELECTRICAL PLANS FOR LOCATIONS OF BASE MOUNTED LIGHTS WITH 2" DUCT INTERFACE AND LOCATIONS WITH CABLE IN UNIT DUCT INTERFACE.



DETAIL "B"  
(NOT TO SCALE)



PLOWED CABLE  
(NOT TO SCALE)

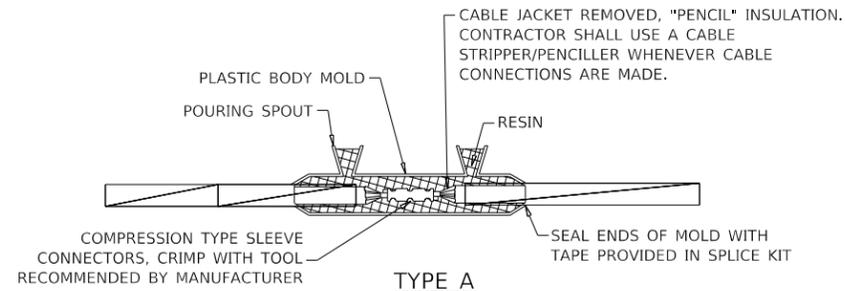


TRENCHED CABLE  
(NOT TO SCALE)

NOTES:

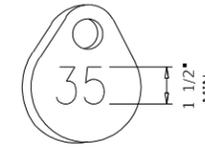
1. FOR TRENCHES WITH MULTIPLE CABLES, ADJUST TRENCH WIDTH AS REQUIRED TO PROVIDE 3" HORIZONTAL SEPARATION BETWEEN CABLES.
2. ALL DISTURBED SURFACES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION. THE COST OF THIS WORK IS INCIDENTAL TO THE PRICE OF THE CABLE.

MODEL: D21118007-Rev-13  
FILE NAME: 111329230\_CADD\CADD\_Sheets\D2118007-ah-efrc\_detail\_1.dgn



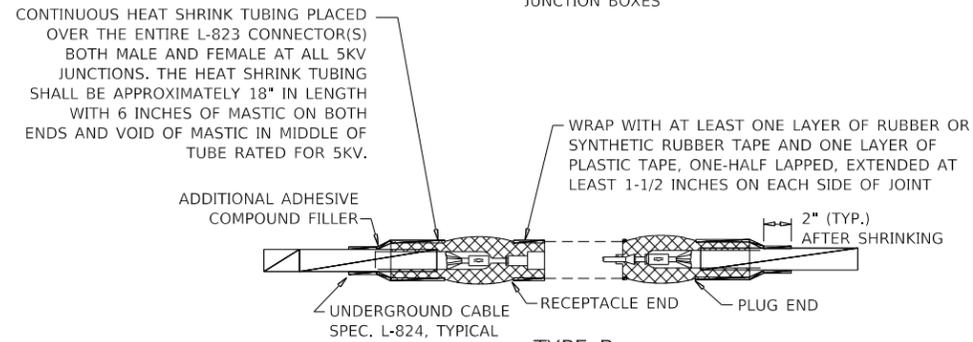
**TYPE A**

FOR SPLICES IN LOW VOLTAGE CABLE (600V) HOMERUNS FOR EXTENSIONS TO EXISTING LOW VOLTAGE CABLES ONLY. TYPE A SPLICES SHALL BE MADE IN SPLICE CANS, HANDHOLES, MANHOLES, OR JUNCTION BOXES



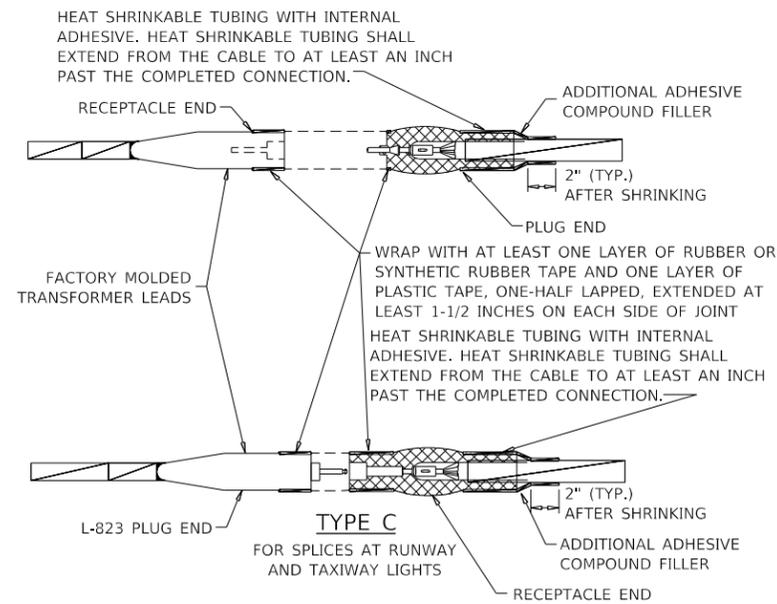
**NOTE:**  
AFFIX NON-CORROSIVE TAG TO FIXTURE FACING RUNWAY/TAXIWAY WITH SET SCREW, WIRE TIE, OR METAL BAND. NUMERALS SHALL BE ENGRAVED FOR PERMANENT READABILITY.

**LIGHT FIXTURE NUMBERING TAG DETAIL**  
(NOT TO SCALE)



**TYPE B**

FOR SPLICES AT JUNCTION OF HOMERUN WITH LOOP CIRCUIT AND FOR SPLICES IN HOMERUNS TO EXISTING CABLES



**TYPE C**

FOR SPLICES AT RUNWAY AND TAXIWAY LIGHTS

**CABLE SPLICES**  
(NOT TO SCALE)

MODEL: D21118007.rvt  
FILE NAME: 11322920\_CADD\CADD\_Sheets\D21118007-eh-efc\_detail\_2.dgn

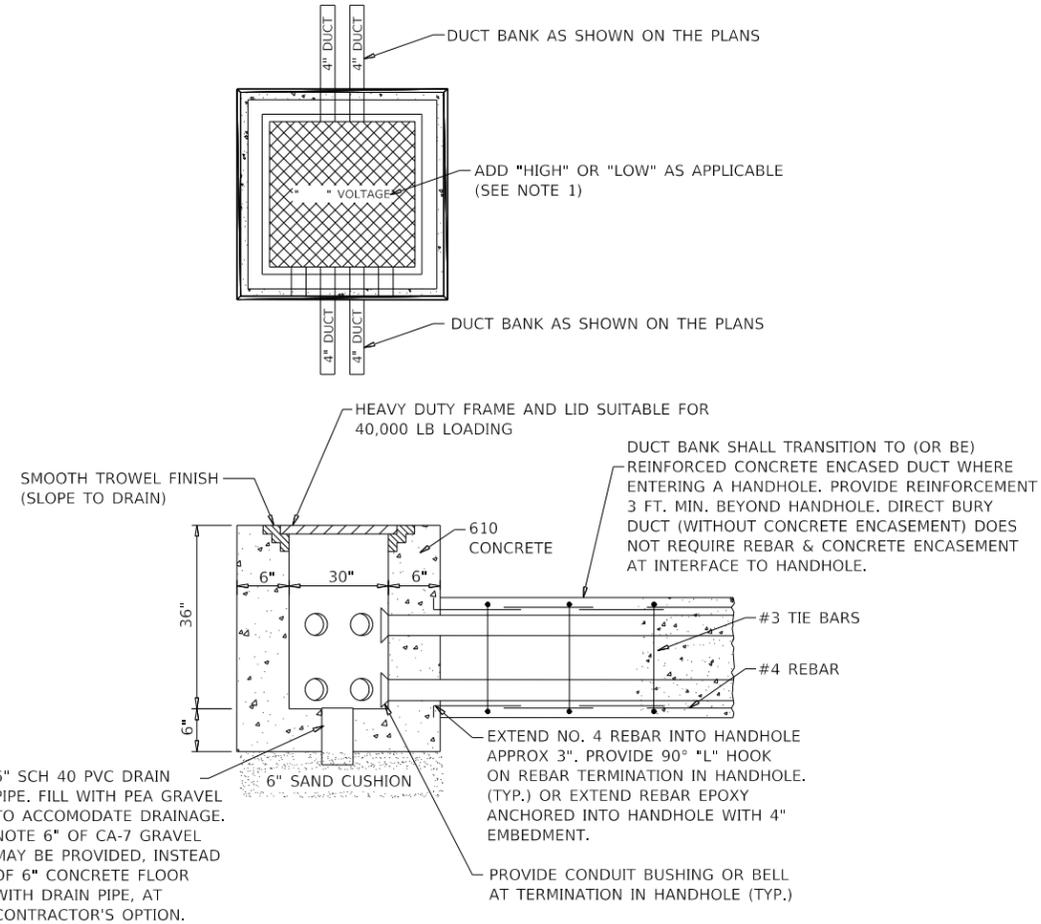


|                          |                   |           |
|--------------------------|-------------------|-----------|
| USER NAME = rswanson     | DESIGNED - RAS    | REVISED - |
| PLOT SCALE = 2.00' / in. | DRAWN - SG        | REVISED - |
| PLOT DATE = 5/3/2019     | CHECKED - RAS     | REVISED - |
|                          | DATE - 05/03/2019 | REVISED - |

**ROCHELLE MUNICIPAL AIRPORT  
MAJOR THOMAS F. KORITZ FIELD  
ROCHELLE, OGLE COUNTY, ILLINOIS**

|                                  |       |           |              |
|----------------------------------|-------|-----------|--------------|
| <b>AIRFIELD LIGHTING DETAILS</b> |       |           |              |
| SCALE: NTS                       | SHEET | OF SHEETS | STA. TO STA. |

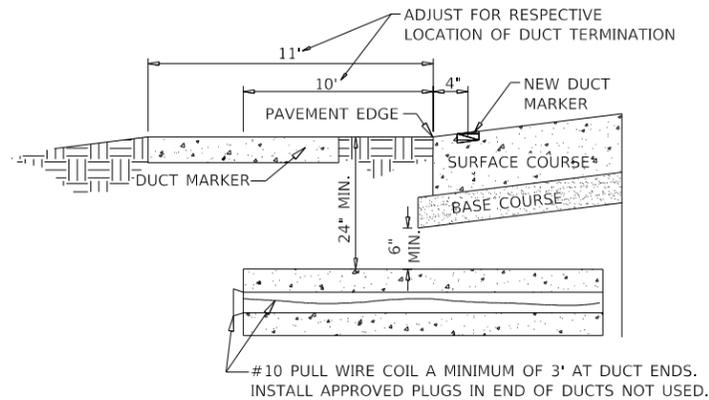
|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | OGLE   | 55           | 51        |
| CONTRACT NO. 18IL007      |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



**NOTES:**

- LIDS FOR LOW VOLTAGE HANDHOLES SHALL BE LABELED "LOW VOLTAGE". LIDS FOR HIGH VOLTAGE HANDHOLES SHALL BE LABELED "HIGH VOLTAGE".
- HANDHOLES SHALL BE CAST IN PLACE OR PRECAST. PRECAST MANUFACTURERS MUST BE ON THE IDOT (ILLINOIS DEPARTMENT OF TRANSPORTATION) APPROVED LIST OF CERTIFIED PRECAST CONCRETE PRODUCERS.
- ALL CORING, INTERFACE, AND LABOR ASSOCIATED WITH CONDUIT, DUCT, CABLE IN UNIT DUCT, AND/OR CABLE ENTRIES WILL BE CONSIDERED INCIDENTAL TO THE INSTALLATION OF THE HANDHOLE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

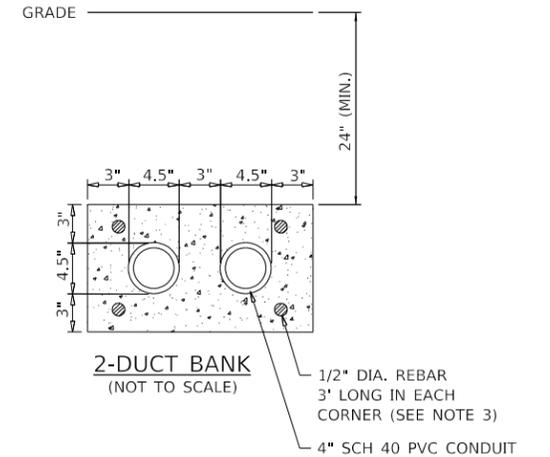
**ELECTRICAL HANDHOLE**  
(NOT TO SCALE)



**UNDERGROUND ELECTRICAL DUCT**  
(NOT TO SCALE)

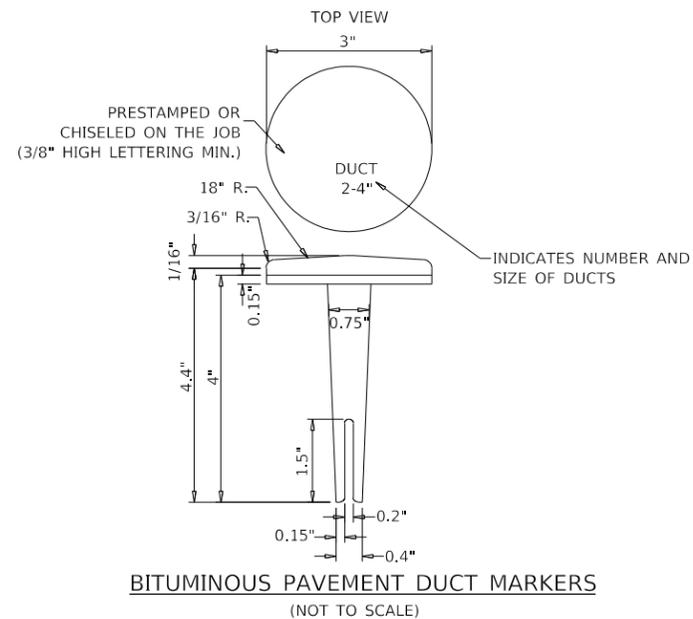
**CABLE & DUCT MARKER NOTES:**

- THE COST OF ALL TURF AND PAVEMENT DUCT MARKERS SHALL BE INCIDENTAL TO THE DUCT. THE COST OF ALL CABLE MARKERS SHALL BE INCIDENTAL TO THE CABLE.
- BITUMINOUS PAVEMENT DUCT MARKER AND CONCRETE DUCT MARKER TO BE PROVIDED AT EACH END OF EACH DUCT AS SHOWN ON THE LOCATION PLAN. FOR CONCRETE PAVEMENT, THE LETTER "D" SHALL BE IMPRESSED IN THE PAVEMENT INSTEAD OF THE MARKER. THE LETTER SHALL BE FORMED AS DESCRIBED IN NOTE 4.
- CABLE MARKERS SHALL BE PLACED AT CHANGES OF DIRECTION AND APPROXIMATELY EVERY 200' ALONG CABLE RUNS.
- CONCRETE CABLE MARKERS AND DUCT MARKERS SHALL HAVE LETTERS 4" HIGH, 3" WIDE WITH WIDTH OF STROKE 1/2" AND 1/4" DEEP. ALL LETTERS, NUMBERS AND ARROWS TO BE IMPRESSED.
- EMPLOY THE FOLLOWING METHODS WHERE ADDITIONAL SPACE TO FIT THE LEGEND IS REQUIRED:
  - REDUCE LETTER SIZE TO 3" HIGH, 2" WIDE.
  - INCREASE THE MARKER SIZE TO 30" X 30".
  - PROVIDE ADDITIONAL MARKERS PLACED SIDE BY SIDE.



**DUCT BANK NOTES:**

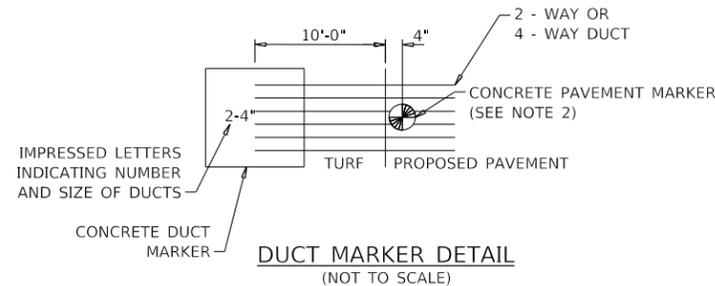
- DIMENSIONS SHOWN FOR CONCRETE COVERAGE AND SEPARATION BETWEEN DUCTS ARE MINIMUM.
- PROVIDE POLYSTYRENE DUCT SPACERS TO MAINTAIN PROPER SEPARATION OF CONDUITS. SPACER PLACEMENT INTERVAL SHALL BE AS RECOMMENDED BY THE MANUFACTURER.
- REBAR IS REQUIRED TO ACCOMMODATE FUTURE DUCT EXTENSIONS AND INTERFACE AT DUCT BANK TERMINATIONS. CONCRETE ENCASED DUCT BANKS TERMINATING IN HANDHOLES REQUIRE REBAR AT TERMINATIONS.
- HIGH VOLTAGE AND LOW VOLTAGE CIRCUITS SHALL NOT BE INSTALLED IN THE SAME RACEWAY, CONDUIT, DUCT, HANDHOLE, OR MANHOLE.
- HOMERUN CABLES FOR A RESPECTIVE CIRCUIT SHALL BE INSTALLED IN THE SAME RACEWAY OR DUCT.
- DUCT INTERFACE TO HANDHOLES OR MANHOLES WILL BE CONSIDERED INCIDENTAL TO THE RESPECTIVE DUCT PAY ITEM.



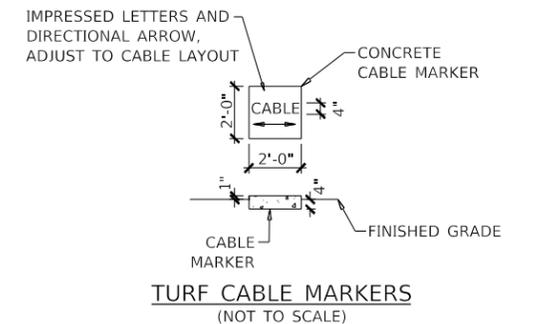
**BITUMINOUS PAVEMENT DUCT MARKERS**  
(NOT TO SCALE)

**NOTES:**

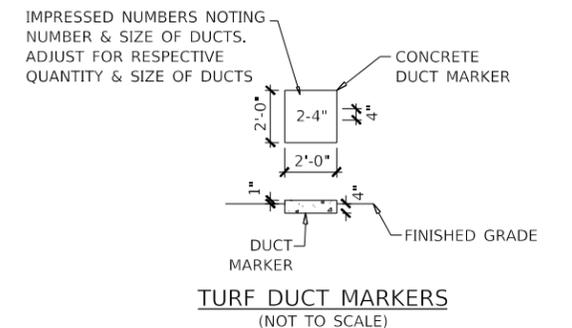
- TOP OF MARKER SHALL BE FLUSH WITH FINISHED PAVEMENT SURFACE. MARKER MAY BE INSTALLED IN A DRILLED HOLE AND SECURED WITH EPOXY GLUE.



**DUCT MARKER DETAIL**  
(NOT TO SCALE)



**TURF CABLE MARKERS**  
(NOT TO SCALE)



**TURF DUCT MARKERS**  
(NOT TO SCALE)

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FILE NAME: 11332920\_CADD\CADD\_Sheets\D21L18007-ah-elec\_detail\_3.dgn



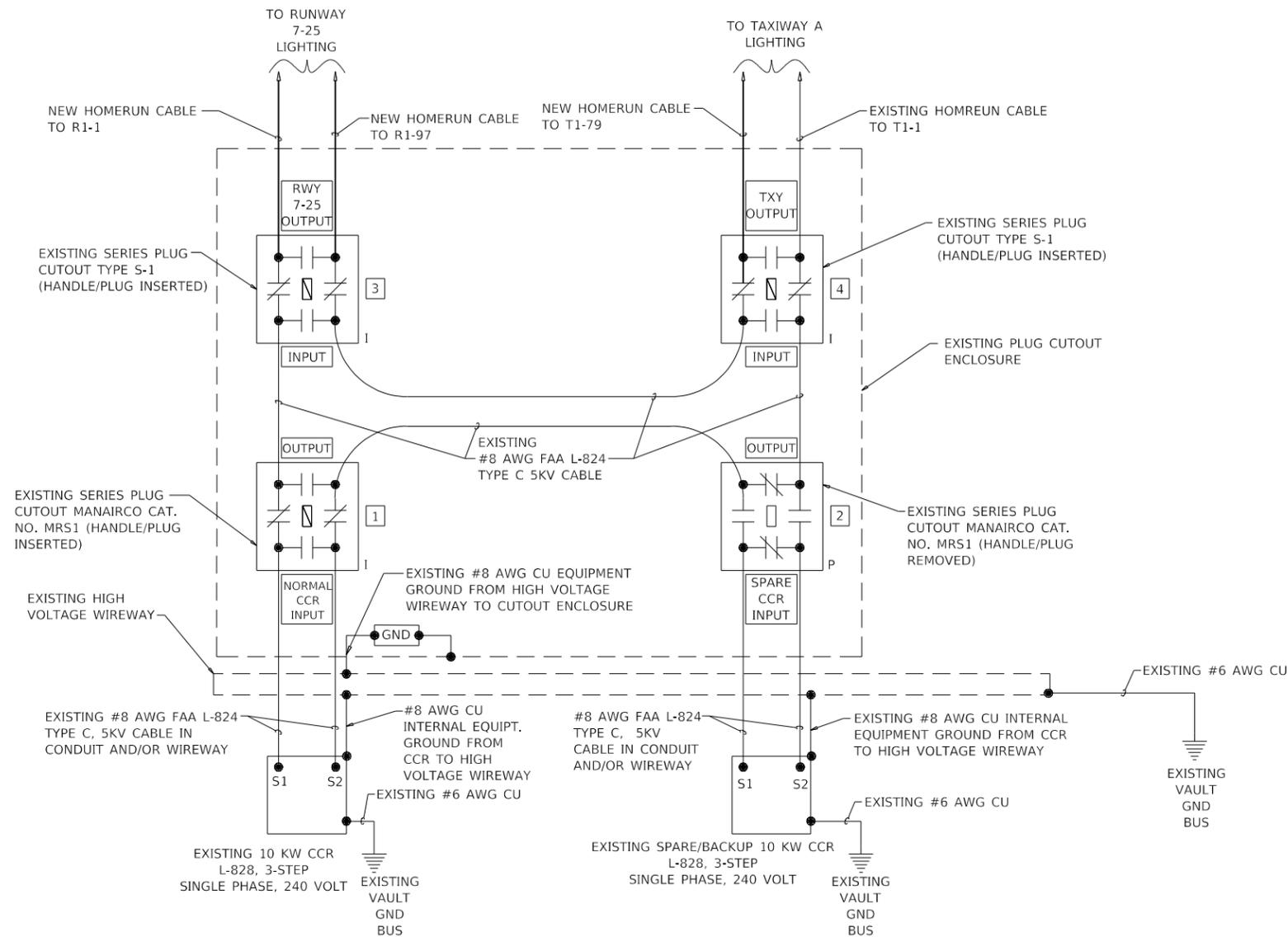
|                          |                   |           |
|--------------------------|-------------------|-----------|
| USER NAME = rswanson     | DESIGNED - RAS    | REVISED - |
| PLOT SCALE = 2.00' / in. | DRAWN - SG        | REVISED - |
| PLOT DATE = 5/3/2019     | CHECKED - RAS     | REVISED - |
|                          | DATE - 05/03/2019 | REVISED - |

**ROCHELLE MUNICIPAL AIRPORT  
MAJOR THOMAS F. KORITZ FIELD  
ROCHELLE, OGLE COUNTY, ILLINOIS**

**AIRFIELD LIGHTING DETAILS**

SCALE: NTS SHEET OF SHEETS STA. TO STA.

|                           |        |              |           |
|---------------------------|--------|--------------|-----------|
| SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
|                           | OGLE   | 55           | 52        |
| CONTRACT NO. 181L007      |        |              |           |
| ILLINOIS FED. AID PROJECT |        |              |           |



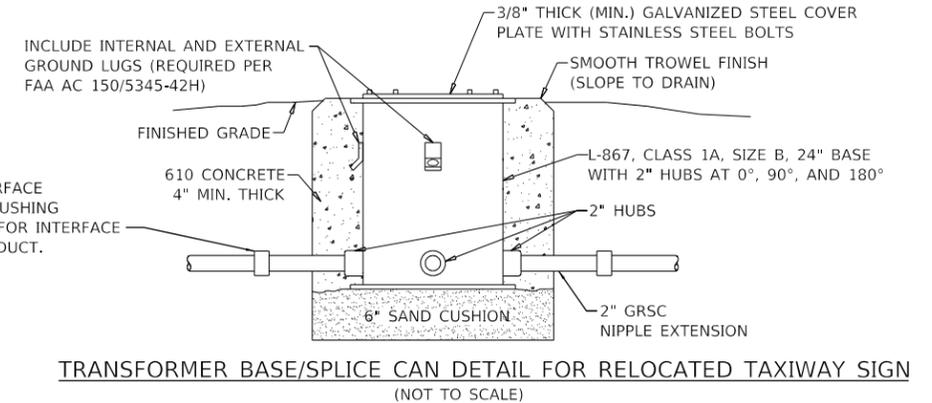
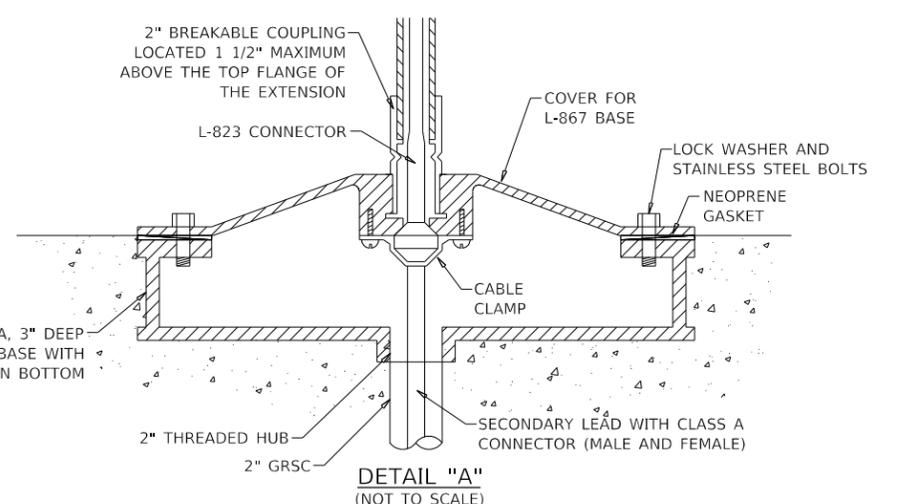
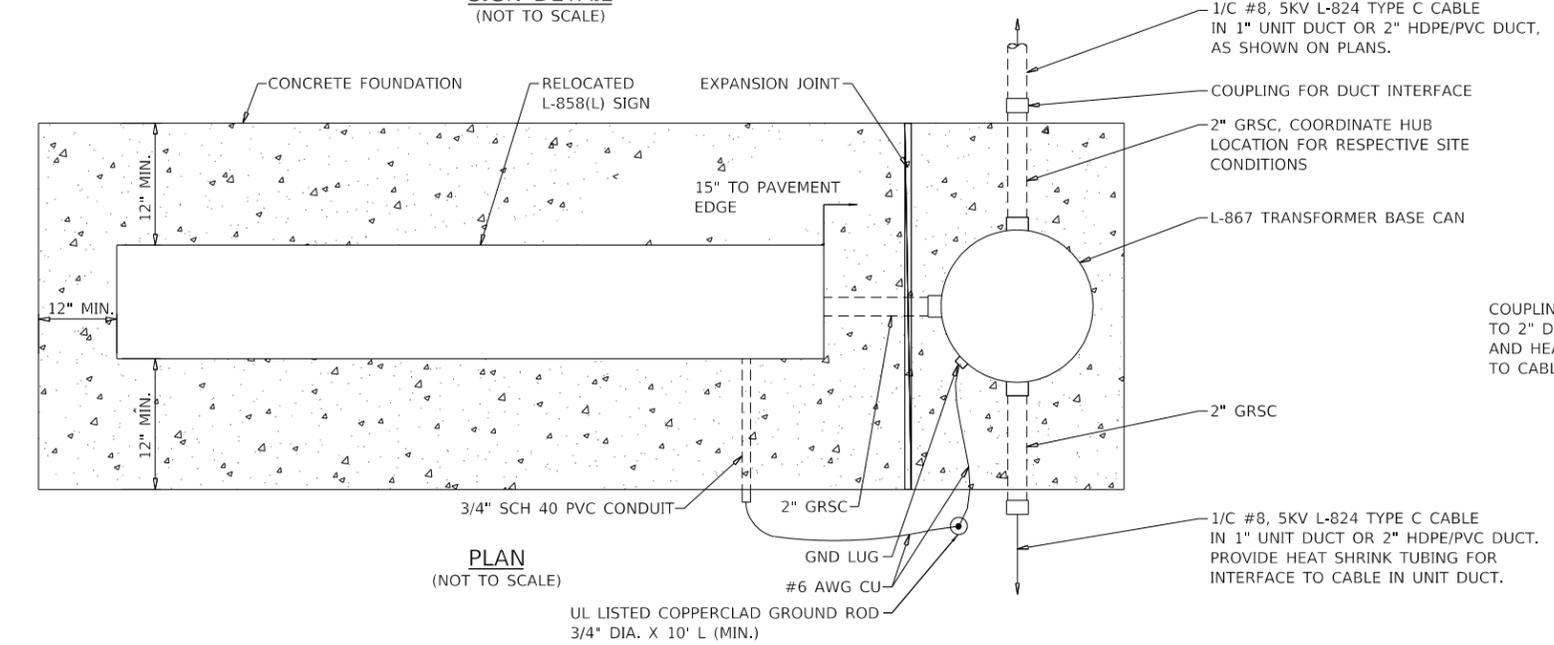
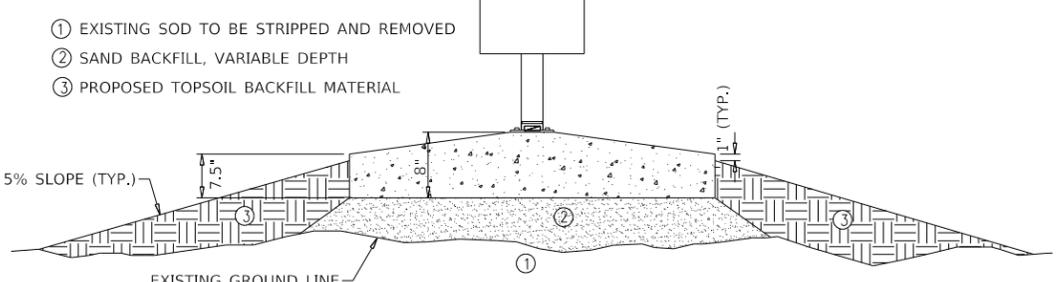
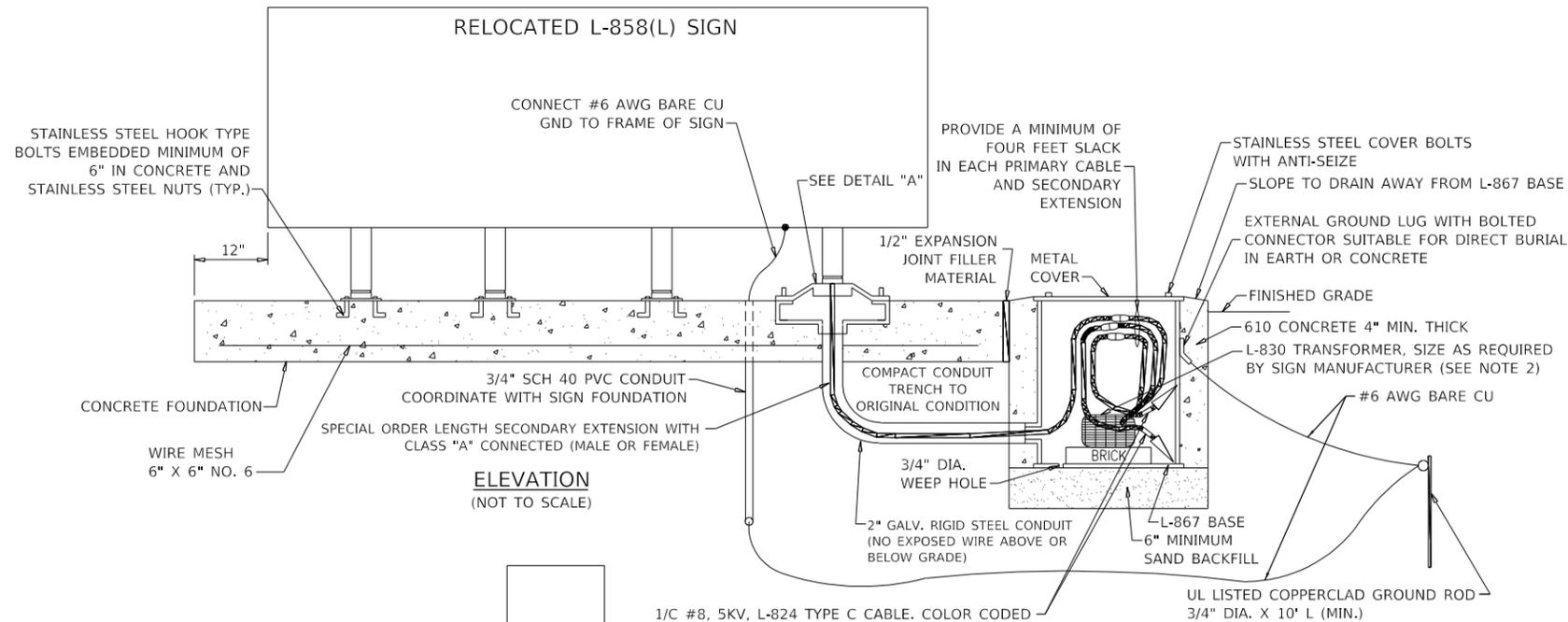
**HIGH VOLTAGE WIRING SCHEMATIC FOR RUNWAY 7-25 & TAXIWAY A**  
NOT TO SCALE

**NOTES:**  
1. ALL CABLING AND EQUIPMENT IS EXISTING UNLESS NOTED OTHERWISE.

**LEGEND**  
"I" DENOTES PLUG CUTOUT WITH PLUG INSERTED  
"P" DENOTES PLUG CUTOUT WITH PLUG PULLED

MODEL: D:\1118007\1118007.dwg  
 FILE NAME: 1118007\_1118007\_CADD\CADD\_Sheets\1118007\_elec.dwg  
 DATE: 5/3/2019 4:40pm

|  |                           |                   |           |  |   |       |    |                           |        |              |           |      |
|--|---------------------------|-------------------|-----------|--|---|-------|----|---------------------------|--------|--------------|-----------|------|
|  | USER NAME = rswanson      | DESIGNED - RAS    | REVISED - | <b>ROCHELLE MUNICIPAL AIRPORT<br/>MAJOR THOMAS F. KORITZ FIELD<br/>ROCHELLE, OGLE COUNTY, ILLINOIS</b> | <b>AIRFIELD LIGHTING VAULT WIRING DETAILS</b> |       |    | SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |      |
|  | PLOT SCALE = 2.00' / 1in. | CHECKED - RAS     | REVISED - |  | SCALE: NTS                                    | SHEET | OF | SHEETS                    | STA.   | TO           | STA.      | OGLE |
|  | PLOT DATE = 5/3/2019      | DATE - 05/03/2019 | REVISED - |  |   |       |    | CONTRACT NO. 18IL007      |        |              |           |      |
|  |                           |                   |           |  |   |       |    | ILLINOIS FED. AID PROJECT |        |              |           |      |



- NOTES**
1. THE NEW FOUNDATION, ANCHOR BOLTS, BASE CAN, GROUND ROD/CABLES, ISOLATION TRANSFORMER, AND CONDUIT/CABLE BETWEEN THE BASE CAN AND RELOCATED SIGN ARE INCLUDED IN THE PRICE OF THE SIGN RELOCATION.
  2. THE EXISTING SIGN IS ADB SIGNATURE SERIES L-858(L).

MODEL: D:\118007\118007.dwg  
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 CADD/CADD: Sheets\118007.dwg  
 SHEETS: 118007.dwg  
 SHEET: 5 of 13

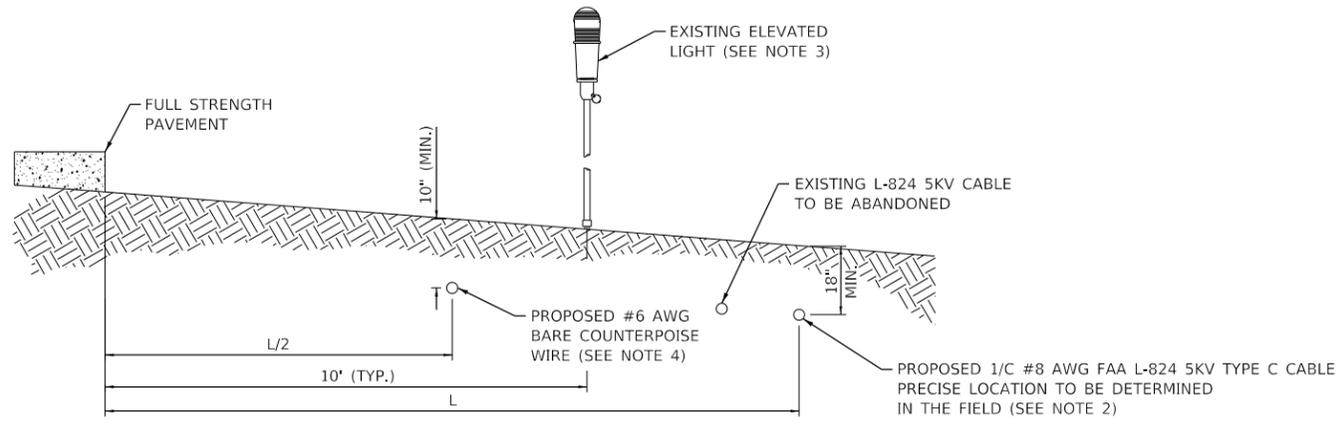


|                          |                   |           |
|--------------------------|-------------------|-----------|
| USER NAME = rswanson     | DESIGNED - RAS    | REVISED - |
| PLOT SCALE = 2.00' / in. | DRAWN - SG        | REVISED - |
| PLOT DATE = 5/3/2019     | CHECKED - RAS     | REVISED - |
|                          | DATE - 05/03/2019 | REVISED - |

**ROCHELLE MUNICIPAL AIRPORT  
MAJOR THOMAS F. KORITZ FIELD  
ROCHELLE, OGLE COUNTY, ILLINOIS**

|  |       |           |              |
|--|-------|-----------|--------------|
| <b>AIRFIELD LIGHTING SIGN RELOCATION DETAILS</b> |       |           |              |
| SCALE: NTS                                       | SHEET | OF SHEETS | STA. TO STA. |

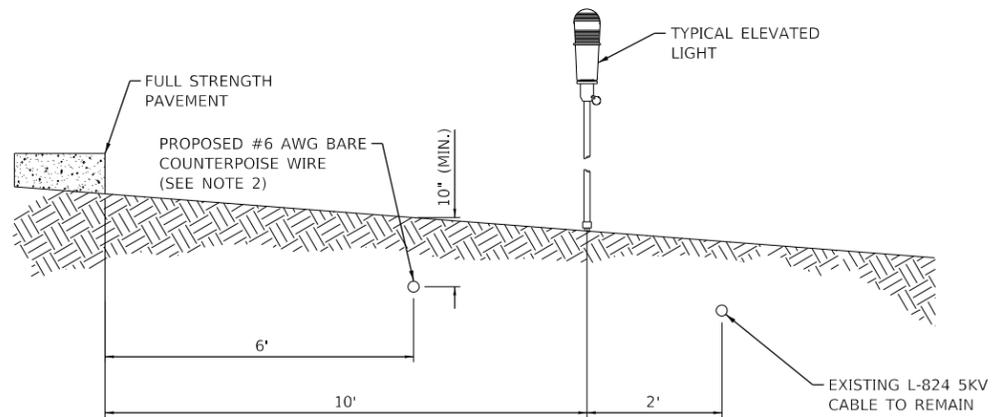
|                      |        |                  |           |
|----------------------|--------|------------------|-----------|
| SECTION              | COUNTY | TOTAL SHEETS     | SHEET NO. |
|                      | OGLE   | 55               | 54        |
| CONTRACT NO. 181L007 |        |                  |           |
| ILLINOIS             |        | FED. AID PROJECT |           |



**RUNWAY LIGHTING CIRCUIT – PROFILE VIEW**

**NOTES:**

1. THIS DETAIL APPLIES TO EXISTING FIXTURES IN THE RUNWAY CIRCUIT "R1."
2. PRECISE LOCATION OF NEW CABLE SHALL BE DETERMINED BY THE CONTRACTOR AS REQUIRED TO AVOID IMPACTS TO EXISTING CABLING.
3. REMOVAL AND REPLACEMENT OF EXISTING ISOLATION TRANSFORMER IS NOT SHOWN.
4. COUNTERPOISE WIRE SHALL BE EXOTHERMICALLY WELDED TO 3/4" X 10' GROUND RODS AT A MAXIMUM SPACING OF 500 FEET.



**EXISTING TAXIWAY CIRCUIT – PROFILE VIEW**

**NOTE:**

1. THIS DETAIL APPLIES TO EXISTING FIXTURES IN THE TAXIWAY CIRCUIT "T1."
2. COUNTERPOISE WIRE SHALL BE EXOTHERMICALLY WELDED TO 3/4" X 10' GROUND RODS AT A MAXIMUM SPACING OF 500 FEET.

MODEL: D:\118007\118007.dwg  
 FILE NAME: 118007\_118007\_CADD\CADD\_Sheets\118007-2ht-4lec\_detail.dwg  
 6.dgn

|  |                          |                   |           |  |  |                  |        |                      |         |        |              |           |
|--|--------------------------|-------------------|-----------|--|--|------------------|--------|----------------------|---------|--------|--------------|-----------|
|  | USER NAME = rswanson     | DESIGNED - RAS    | REVISED - | <b>ROCHELLE MUNICIPAL AIRPORT<br/>                 MAJOR THOMAS F. KORITZ FIELD<br/>                 ROCHELLE, OGLE COUNTY, ILLINOIS</b> | <b>AIRFIELD LIGHTING DETAILS<br/>                 ADDITIVE ALTERNATE</b> |                  |        |                      | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|  | PLOT SCALE = 2.00' / in. | CHECKED - RAS     | REVISED - |  | OGLE   | 55               | 55     | CONTRACT NO. 18IL007 |         |        |              |           |
|  | PLOT DATE = 5/3/2019     | DATE - 05/03/2019 | REVISED - |  | ILLINOIS   | FED. AID PROJECT |        |                      |         |        |              |           |
|  |                          |                   |           | SCALE: NTS   | SHEET  | OF               | SHEETS | STA.                 | TO      | STA.   |              |           |