

# CONSTRUCTION PLANS

## FOR

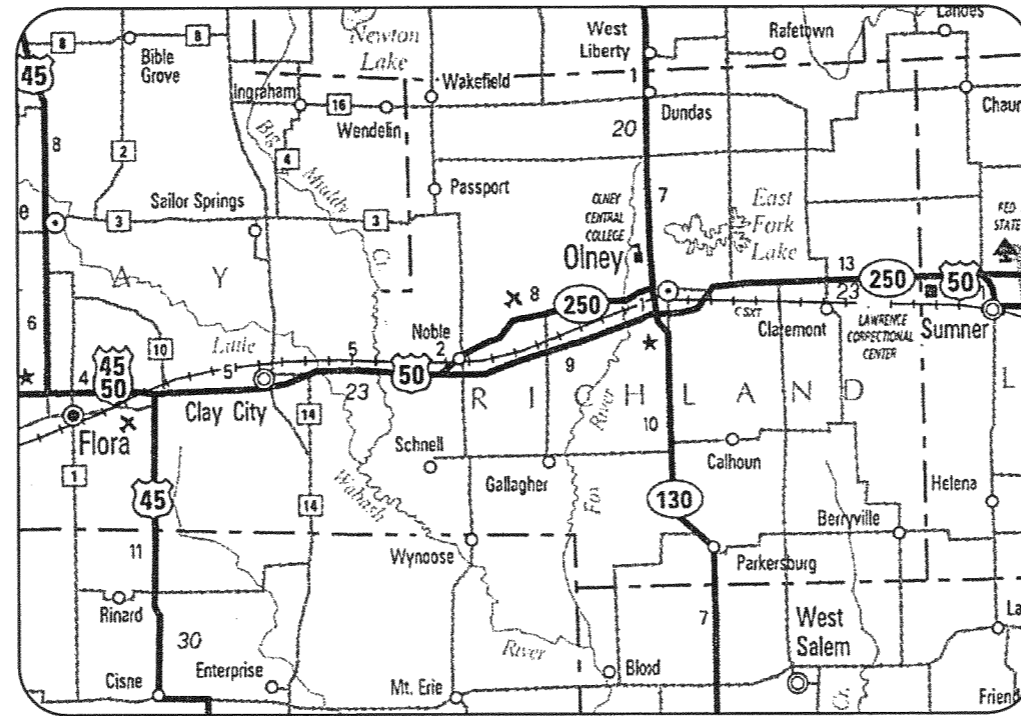
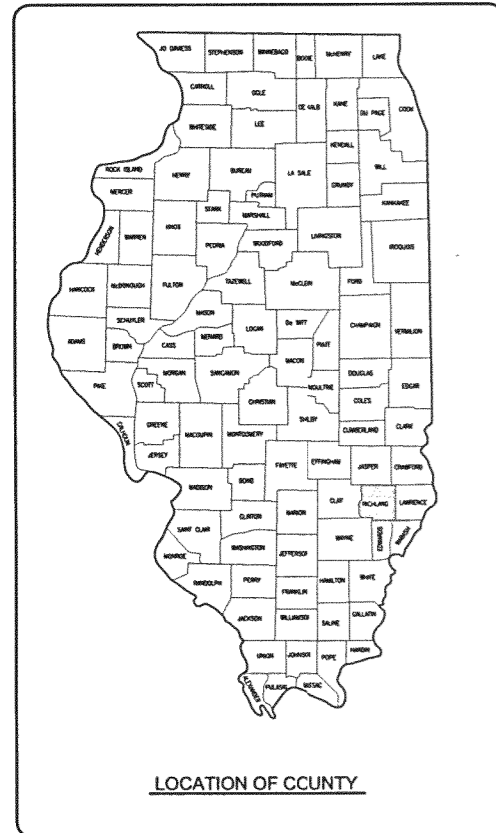
# OLNEY-NOBLE AIRPORT

### OLNEY, RICHLAND COUNTY, ILLINOIS

### REHABILITATE AUTO PARKING LOT; CONSTRUCT T-HANGAR ACCESS ROAD

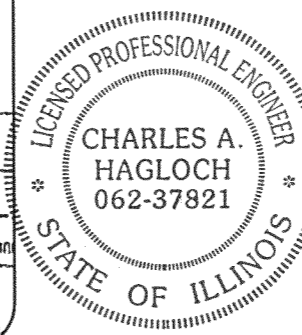
#### SCOPE OF WORK

THIS PROJECT CONSISTS OF THE REHABILITATION OF THE AIRPORT AUTO PARKING LOT WITH A BITUMINOUS OVERLAY. ALSO INCLUDED IS THE CONSTRUCTION OF A T-HANGAR AREA ACCESS ROAD AND REPAIRING A 20' X 20' AREA ON RUNWAY 3-21. ASSOCIATED WORK ITEMS CONSIST OF CRACK CLEANING AND SEALING, PAVEMENT MILLING, FENCING, DRAINAGE, PAVEMENT MARKING, SEEDING AND MULCHING.



### LOCATION

ILL. PROJ.: OLY-3926  
A.I.P. PROJ.: 3-17-0076-B9  
LATITUDE: 38° 44' 00"  
LONGITUDE: 88° 10' 33"  
ELEVATION: 481.0' M.S.L.  
DATE: DEC. 3, 2010



Revised 01/20/11



Hanson Professional Services Inc.

CIVIL ENGINEER

Submitted by: *Charles A. Hagloch* ENGR

Date Submitted: January 21, 2011

Lics. Exp. Date: November 30, 2011

#### OLNEY-NOBLE AIRPORT AUTHORITY

Approved: *[Signature]* CHAIRMAN

Date: 4/5/2010

Approved: *[Signature]* SECRETARY

Date: 4-05-10

| DATE     | REVISION                 | BY  |
|----------|--------------------------|-----|
| 01/20/11 | Revised as per DA review | CAH |
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OLNEY-NOBLE AIRPORT  
OLNEY, ILLINOIS

|                           |          |     |          |
|---------------------------|----------|-----|----------|
| Project No. 09A0146D.0800 | LAYOUT   | JED | 11/05/09 |
| File Name: R-001CVR.DWG   | DRAWN    | JED | 11/05/09 |
| Scale: NOT TO SCALE       | REVIEWED | CAH | 11/15/09 |
| Date: 11/05/09            |          |     |          |



Hanson Professional Services Inc.  
1225 South Sixth Street  
Springfield, Illinois 62703-2886  
Offices Nationwide

REHABILITATE  
AUTO PARKING LOT

COVER SHEET

OL009

| DATE     | REVISION                  | BY  |
|----------|---------------------------|-----|
| 01/20/11 | Revised as per IDA review | CAH |
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SUMMARY OF QUANTITIES

| ITEM NO. | DESCRIPTION                         | UNIT | TOTAL QUANTITIES | AS BUILT QUANTITIES |
|----------|-------------------------------------|------|------------------|---------------------|
| AR110204 | 4" PVC DUCT, DIRECT BURY            | L.F. | 26               |                     |
| AR150510 | ENGINEER'S FIELD OFFICE             | L.S. | 1                |                     |
| AR152410 | UNCLASSIFIED EXCAVATION             | C.Y. | 83               |                     |
| AR152442 | OFFSITE BORROW EXCAVATION           | C.Y. | 152              |                     |
| AR152480 | SHOULDER ADJUSTMENT                 | S.Y. | 116              |                     |
| AR162624 | CLASS E GATE - 24'                  | EACH | 1                |                     |
| AR162905 | REMOVE GATE                         | EACH | 2                |                     |
| AR162960 | RELOCATE CLASS E FENCE              | L.F. | 80               |                     |
| AR162964 | RELOCATE GATE                       | EACH | 1                |                     |
| AR201661 | CLEAN & SEAL BITUMINOUS CRACKS      | L.F. | 983              |                     |
| AR209510 | CRUSHED AGGREGATE BASE COURSE       | TON  | 134              |                     |
| AR401613 | BIT. SURF. CSE.-METHOD I, SUPERPAVE | TON  | 370              |                     |
| AR401650 | BITUMINOUS PAVEMENT MILLING         | S.Y. | 45               |                     |
| AR401655 | BUTT JOINT CONSTRUCTION             | S.Y. | 119              |                     |
| AR501600 | PCC SIDEWALK                        | S.F. | 88               |                     |
| AR501900 | REMOVE PCC PAVEMENT                 | S.Y. | 2.25             |                     |
| AR602510 | BITUMINOUS PRIME COAT               | GAL. | 96               |                     |
| AR603510 | BITUMINOUS TACK COAT                | GAL. | 782              |                     |
| AR620520 | PAVEMENT MARKING-WATERBORNE         | S.F. | 271              |                     |
| AR701518 | 18" RCP, CLASS IV                   | L.F. | 40               |                     |
| AR752418 | PRECAST REINFORCED CONC. FES 18"    | EACH | 2                |                     |
| AR800524 | CLASS E MANUAL SLIDE GATE           | EACH | 1                |                     |
| AR901510 | SEEDING                             | ACRE | 0.35             |                     |
| AR908510 | MULCHING                            | ACRE | 0.35             |                     |
| AR910230 | HANDICAP SIGN                       | EACH | 2                |                     |
| AR910410 | PARKING BLOCK                       | EACH | 11               |                     |

INDEX TO SHEETS

| SHEET NO. | DESCRIPTION   |
|-----------|---|
| 1         | COVER SHEET   |
| 2         | SUMMARY OF QUANTITIES AND INDEX TO SHEETS                               |
| 3         | PROPOSED SAFETY PLAN  |
| 4         | SUMMARY OF QUANTITIES FOR REHABILITATE AUTO PARKING LOT                 |
| 5         | PROPOSED CONSTRUCTION PLAN  |
| 6         | PROPOSED TYPICAL SECTION AND NOTES                                      |
| 7         | PROPOSED PAVEMENT PREPARATION PLAN                                      |
| 8         | PROPOSED MARKING PLAN   |
| 9         | PROPOSED PARKING LOT CROSS-SECTIONS STA. 27+00 TO STA. 28+75            |
| 10        | SUMMARY OF QUANTITIES FOR T-HANGAR ACCESS ROAD                          |
| 11        | PROPOSED SITE PLAN  |
| 12        | PROPOSED TYPICAL SECTION AND NOTES                                      |
| 13        | PROPOSED PLAN AND PROFILE   |
| 14        | PROPOSED GRADING PLAN   |
| 15        | PROPOSED MARKING PLAN   |
| 16        | EXISTING FENCING PLAN   |
| 17        | PROPOSED T-HANGAR ACCESS ROAD CROSS-SECTIONS STA. 1+75 TO STA. 2+50     |
| 18        | PROPOSED T-HANGAR ACCESS ROAD CROSS-SECTIONS STA. 2+65.5 TO STA. 2+89.5 |

OLNEY-NOBLE AIRPORT  
OLNEY, ILLINOIS

IL. PROJ.: 01Y-3926 A.I.P. PROJ.: 3-17-0076-B9

|                                  |          |     |          |
|----------------------------------|----------|-----|----------|
| Hanson Project No. 09A0146D_0800 | LAYOUT   | JEO | 11/05/09 |
| Filename R-002FLP.DWG            | DRAWN    | JEO | 11/05/09 |
| Scale NOT TO SCALE               | REVIEWED | CAH | 11/05/09 |
| Date 11/05/09                    |          |     |          |



REHABILITATE  
AUTO PARKING LOT  
SUMMARY OF QUANTITIES  
AND  
INDEX TO SHEETS

**UTILITY NOTE**

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER 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 JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) 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.

**HAUL ROUTE AND VEHICLE PARKING**

THE CONTRACTOR WILL USE THE DESIGNATED PARKING AREA AS SHOWN ON THIS SHEET. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE PROPOSED PARKING AREA THROUGHOUT THE COURSE OF THE PROJECT. ANY AREAS DAMAGED OUTSIDE OF THESE AREAS WILL BE REPAIRED BY THE CONTRACTOR AND AT THE CONTRACTOR'S OWN EXPENSE. AT THE CONCLUSION OF THE PROJECT THE CONTRACTOR WILL GRADE, FERTILIZE, SEED AND MULCH THE PARKING AREA AS NEEDED TO RESTORE IT TO ITS ORIGINAL STATE. RESTORATION OF THE PARKING AREA WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE CONTRACTOR WILL BE ALLOWED TO USE THE EXISTING AIRPORT ENTRANCE ROAD AS HIS PROPOSED HAUL ROUTE.

**CONTRACTOR RESPONSIBILITIES**

THE CONTRACTOR'S EQUIPMENT PARKING AND STORAGE AREA WILL BE AS SHOWN ON THIS SHEET. THE CONTRACTOR'S EMPLOYEES WILL PARK THEIR VEHICLES IN THIS AREA. ONLY CONTRACTOR VEHICLES WILL BE ALLOWED OUTSIDE THIS AREA.

THE CONTRACTOR AND HIS EMPLOYEES WILL BE RESTRICTED TO THE WORK AREA AND ALL OTHER AREAS OF THE AIRPORT ARE "OFF LIMITS" TO THEM.

**BARRICADES AND TRAFFIC CONES**

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES AND TRAFFIC CONES AS SHOWN ON THIS SHEET OR AS DIRECTED BY THE AIRPORT MANAGER. THE BARRICADES WILL BE EQUIPPED WITH RED STEADY-BURN OR RED FLASHING LIGHTS AND 20" SQUARE ORANGE FLAGS. THE BARRICADES, THEIR MAINTENANCE, PLACEMENT AND REMOVAL WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

**LEGEND**

- EXISTING IMPROVEMENTS
- EXISTING BUILDINGS
- PROPOSED IMPROVEMENTS
- PROPOSED HAUL ROUTE
- PROPOSED CONSTRUCTION EQUIPMENT PARKING AREA
- PROPOSED BENCHMARK
- PROPOSED BARRICADES (NON-AIRFIELD CONSTRUCTION)
- PROPOSED BARRICADES (AIRFIELD CONSTRUCTION)

**SCOPE OF WORK**

THIS PROJECT CONSISTS OF THE REHABILITATION OF THE AIRPORT AUTO PARKING LOT WITH A BITUMINOUS OVERLAY. ALSO INCLUDED IS THE CONSTRUCTION OF A T-HANGAR AREA ACCESS ROAD. ASSOCIATED WORK ITEMS CONSIST OF CRACK CLEANING AND SEALING, PAVEMENT MILLING, FENCING, DRAINAGE, PAVEMENT MARKING, SEEDING AND MULCHING.

**AIRPORT SECURITY NOTE**

AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES.

**HEIGHT OF CONSTRUCTION EQUIPMENT**

THE MAXIMUM ANTICIPATED HEIGHT OF THE CONSTRUCTION EQUIPMENT WILL BE 20 FEET. THE TALLEST EQUIPMENT IS EXPECTED TO BE A SEMI-TRUCK AND TRAILER.

**CERTIFIED PAYROLLS**

THE RESIDENT ENGINEER CANNOT FORWARD CONSTRUCTION REPORTS TO THE ILLINOIS DIVISION OF AERONAUTICS FOR PROCESSING UNTIL ALL CERTIFIED PAYROLLS FOR THE PERIOD HAVE BEEN RECEIVED.

**MATERIAL CERTIFICATION**

COMPLETED WORK CANNOT BE PLACED ON A CONSTRUCTION REPORT UNTIL ALL MATERIAL CERTIFICATIONS FOR THAT PAY ITEM HAVE BEEN RECEIVED, REVIEWED AND ACCEPTED BY THE RESIDENT ENGINEER.

| BENCHMARK DATA |  |        |
|----------------|--|--------|
| NO.            | DESCRIPTION  | ELEV.  |
| 1              | WEST BOLT ON AIRPORT BEACON BASE   | 467.79 |
| 2              | CHISELED SQUARE ON NORTH CORNER OF 4'x4' CONCRETE ENTRANCE PAN OF BLUE METAL HANGAR                      | 467.19 |
| 3              | SET R.R. SPIKE IN POWER POLE APPROX. 35'± WEST OF ENTRANCE ROAD, AND 35'± S.E. OF 60" FLARED END SECTION | 463.61 |

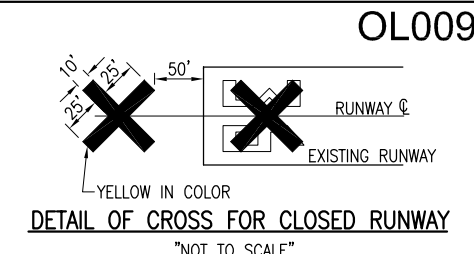
**CRITICAL POINT DATA**

CRITICAL POINT NO. 1  
 LATITUDE: 38° 43' 10.56"  
 LONGITUDE: 88° 10' 25.53"  
 ELEVATION: 467.77

CRITICAL POINT NO. 2  
 LATITUDE: 38° 43' 17.05"  
 LONGITUDE: 88° 10' 27.43"  
 ELEVATION: 471.00

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

COUNTY \_\_\_\_\_ RICHLAND  
 CITY \_\_\_\_\_ OLNEY  
 TOWNSHIP \_\_\_\_\_ NOBLE  
 SECTION NO. \_\_\_\_\_ 2  
 ADDRESS \_\_\_\_\_ OLNEY-NOBLE AIRPORT  
 P.O. BOX 717  
 OLNEY, ILLINOIS 62450



**NOTE:**

COST OF CONSTRUCTING, PLACING, MAINTAINING AND REMOVING CROSSES WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THE CROSSES WILL BE YELLOW IN COLOR AND SHALL BE MADE OF A SUITABLE MATERIAL AS APPROVED BY THE AIRPORT MANAGER. THE CROSSES WILL BE PLACED OFF THE END OF THE RUNWAY AS SHOWN AND SECURED IN A MANNER APPROVED BY THE MANAGER. THE PROPOSED CROSSES WILL BE PLACED EACH DAY THE RUNWAY IS CLOSED AND REMOVED WHEN THE RUNWAY IS RE-OPENED. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PLACEMENT AND REMOVAL OF THE CROSSES. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

**PROPOSED SAFETY PLAN**

GENERAL - THE OLNEY-NOBLE AIRPORT IS COMPRISED OF TWO RUNWAYS. THE PROPOSED CONSTRUCTION WILL NECESSITATE CLOSING RUNWAY 3-21 IN ORDER TO COMPLETE THE 20' X 20' PAVEMENT REPAIR. THE CONTRACTOR WILL PLACE CROSSES OVER THE NUMERALS AND BARRICADES AS SHOWN ON THIS SHEET. UPON COMPLETION OF THE PAVEMENT REPAIRS THE CONTRACTOR WILL REMOVE THE CROSSES AND BARRICADES. ALL WORK INCLUDED IN OPENING AND CLOSING THE RUNWAY WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

WHEN THE RUNWAY IS CLOSED THE CONTRACTOR WILL DE-ACTIVATE THE RUNWAY LIGHTS, TAXIWAY LIGHTS AND NAVAIDS. WHEN THE RUNWAY IS RE-OPENED THESE CIRCUITS WILL BE RE-ACTIVATED.

IDENTIFICATION - WHEN THE CONTRACTORS VEHICLES AND EQUIPMENT ARE ON THE AIRPORT THEY SHALL BE PROPERLY MARKED WITH THREE (3') FOOT SQUARE CHECKERED FLAGS (INTERNATIONAL ORANGE AND WHITE). THE CONTRACTOR WILL ALSO PROVIDE WORKERS WITH SOME TYPE OF TAG OR GARMENT TO IDENTIFY THE PERSON AS BEING PART OF THE CONSTRUCTION CREW.

RADIO CONTROL - THE CONTRACTOR WILL BE REQUIRED TO BE IN TWO-WAY RADIO CONTACT (123.00 MHZ.) WITH THE AIRPORT UNICOM. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE OLNEY-NOBLE AIRPORT AND ENABLE THE AIRPORT TO IMMEDIATELY CONTACT THE CONTRACTOR IN CASE OF AN AERONAUTIC EMERGENCY THAT WOULD REQUIRE ACTION BY THE CONTRACTOR AND/OR HIS PERSONNEL.

AIRCRAFT - ALL TAXIING AIRCRAFT SHALL HAVE THE RIGHT-OF-WAY AND ALL CONTRACTOR VEHICLES WILL GIVE WAY TO THEM. THE CONTRACTOR WILL MAINTAIN FULL ACCESS TO THE APRON AND HANGARS THROUGHOUT THE CONSTRUCTION ACTIVITIES ON RUNWAY 3-21.

**150-ENGINEER'S FIELD OFFICE NOTES**

THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE FURNISHED, MAINTAINED, AND REMOVED IN ACCORDANCE WITH ITEM AR150510 "ENGINEER'S FIELD OFFICE" AS STATED ON PAGE 49 OF THE ILLINOIS STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED NOVEMBER 2, 2009.

THE LOCATION OF THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE DETERMINED AT THE PRE-CONSTRUCTION MEETING.

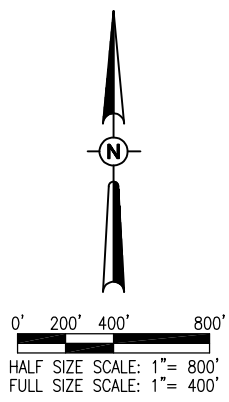
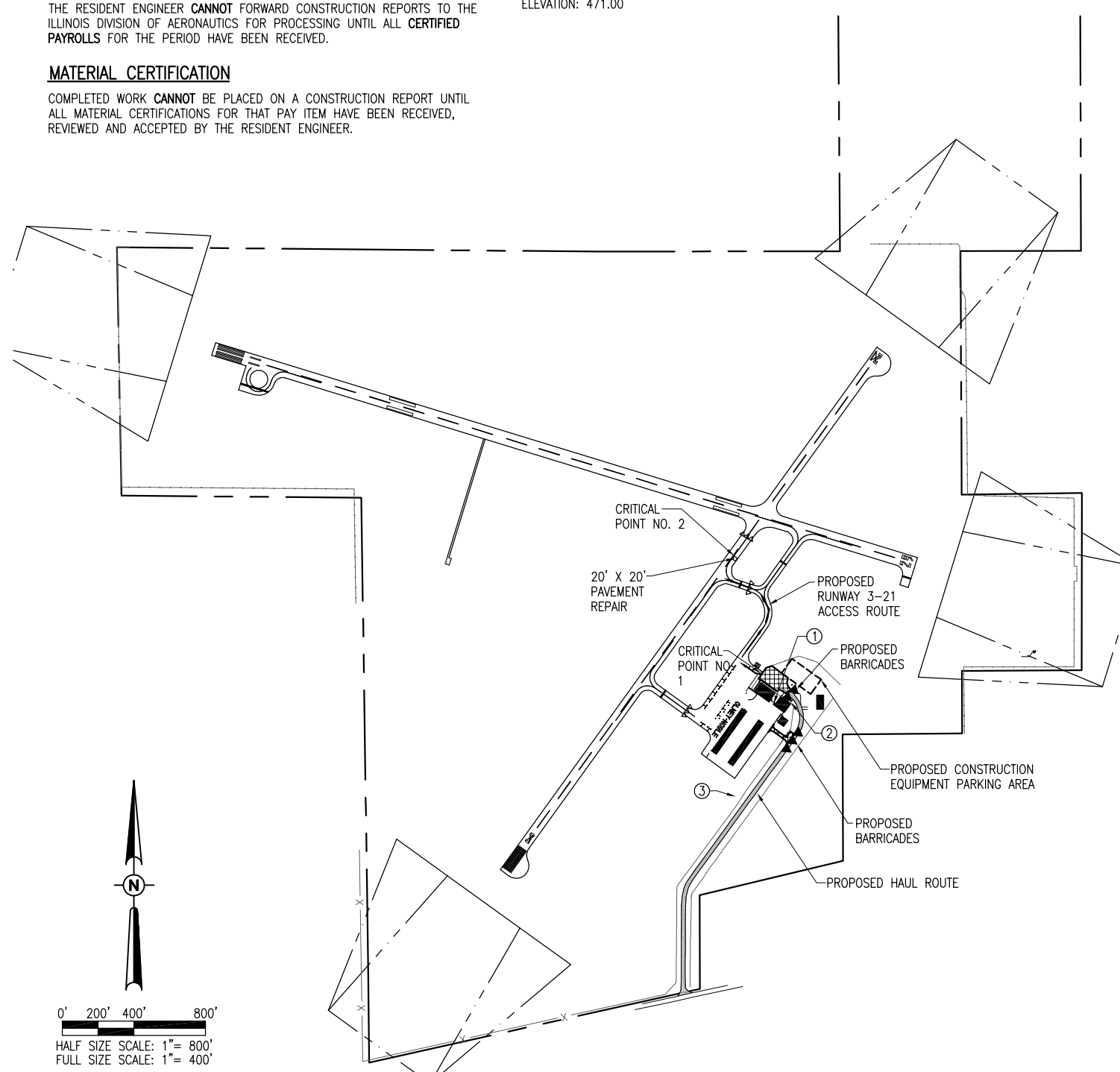
THE ENGINEERING FIRM WILL MAKE PAYMENT FOR ALL LONG DISTANCE TELEPHONE CALLS IN EXCESS OF ONE HUNDRED DOLLARS (\$100.00) PER MONTH.

THE CONTRACTOR WILL FURNISH A CELL PHONE TO THE RESIDENT ENGINEER FOR HIS EXCLUSIVE USE FOR THE DURATION OF THIS PROJECT. THE RESIDENT ENGINEER WILL USE THIS PHONE FOR PROJECT BUSINESS ONLY. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL CHARGES ASSOCIATED WITH THIS CELL PHONE.

THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE PAID FOR UNDER ITEMS: AR150510 ENGINEER'S FIELD OFFICE \_\_\_\_ 1 L.S.

**EROSION CONTROL**

THIS PROJECT WILL DISTURB LESS THAN 1 ACRE OF LAND, THEREFORE NO N.P.D.E.S. PERMIT WILL BE REQUIRED.

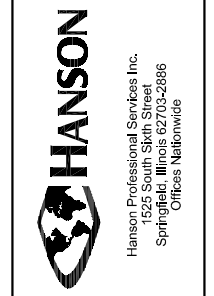


OL009

| DATE     | REVISION                  | BY  |
|----------|---------------------------|-----|
| 01/20/11 | Revised as per IDA review | CAH |

OLNEY-NOBLE AIRPORT  
 OLNEY, ILLINOIS  
 A.I.P. PROJ.: 3-17-0076-B9  
 I.L. PROJ.: 01Y-3926

|                                  |     |          |
|----------------------------------|-----|----------|
| Hanson Project No. 09A0146D_0800 | JEO | 11/05/09 |
| Filename R-003SEY.DWG            | JEO | 11/05/09 |
| Scale 1" = 400'                  | CAH | 11/05/09 |
| Date 11/05/09                    |     |          |
| LAYOUT                           |     |          |
| DRAWN                            |     |          |
| REVIEWED                         |     |          |




REHABILITATE AUTO PARKING LOT  
 PROPOSED SAFETY PLAN

JAN 20, 2011 2:32 PM HAGL000382 I:\AIRPORTS\OLNEY\09A0146\CADD\AIRPORT\SHEET\R-003SEY.DWG - Layout1

# REHABILITATE AUTO PARKING LOT

| SUMMARY OF QUANTITIES |                                     |      |                  |                     |
|-----------------------|-------------------------------------|------|------------------|---------------------|
| ITEM NO.              | DESCRIPTION                         | UNIT | TOTAL QUANTITIES | AS BUILT QUANTITIES |
| AR152410              | UNCLASSIFIED EXCAVATION             | C.Y. | 11               |                     |
| AR152480              | SHOULDER ADJUSTMENT                 | S.Y. | 116              |                     |
| AR162624              | CLASS E GATE-24'                    | EA.  | 1                |                     |
| AR162905              | REMOVE GATE                         | EA.  | 1                |                     |
| AR201661              | CLEAN & SEAL BITUMINOUS CRACKS      | L.F. | 983              |                     |
| AR401613              | BIT. SURF. CSE.-METHOD I, SUPERPAVE | TON  | 303              |                     |
| AR401650              | BITUMINOUS PAVEMENT MILLING         | S.Y. | 45               |                     |
| AR401655              | BUTT JOINT CONSTRUCTION             | S.Y. | 119              |                     |
| AR501911              | REMOVE AND REPLACE PCC PAVEMENT     | S.F. | 20               |                     |
| AR603510              | BITUMINOUS TACK COAT                | GAL. | 726              |                     |
| AR620520              | PAVEMENT MARKING-WATERBORNE         | S.F. | 192              |                     |
| AR901510              | SEEDING                             | ACRE | 0.10             |                     |
| AR908510              | MULCHING                            | ACRE | 0.10             |                     |
| AR910230              | HANDICAP SIGN                       | EACH | 1                |                     |
| AR910410              | PARKING BLOCK                       | EACH | 11               |                     |

|  |  |          |   |
|--|--|----------|---|
| <b>REHABILITATE<br/>AUTO PARKING LOT</b>   | <b>SUMMARY OF QUANTITIES<br/>FOR REHABILITATE<br/>AUTO PARKING LOT</b> | <b>4</b> | <b>4</b><br><small>4 of 18 sheets</small> |
|  <p style="font-size: 8px;">Hanson Professional Services Inc.<br/>1525 South Sixth Street<br/>Springfield, Illinois 62703-2886<br/>Offices Nationwide</p> |  |          |   |
| Hanson Project No. 09A0146D_0800<br>Filename R-003FLP.DWG<br>Scale NOT TO SCALE<br>Date 02/02/10   |  |          |   |
| LAYOUT   | CAH  | 02/02/10 |   |
| DRAWN  | BAK  | 02/04/10 |   |
| REVIEWED   | CAH  | 02/04/10 |   |
| OLNEY-NOBLE AIRPORT<br>OLNEY, ILLINOIS   |  |          |   |
| IL. PROJ.: 01Y-3926      A.I.P. PROJ.: 3-17-0076-B9  |  |          |   |
| DATE   | REVISION   | BY       |   |
| 01/20/11   | Revised as per IDA review  | CAH      |   |

| DATE     | REVISION                  | BY  |
|----------|---------------------------|-----|
| 01/20/11 | Revised as per IDA review | CAH |
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**OLNEY-NOBLE AIRPORT  
OLNEY, ILLINOIS**

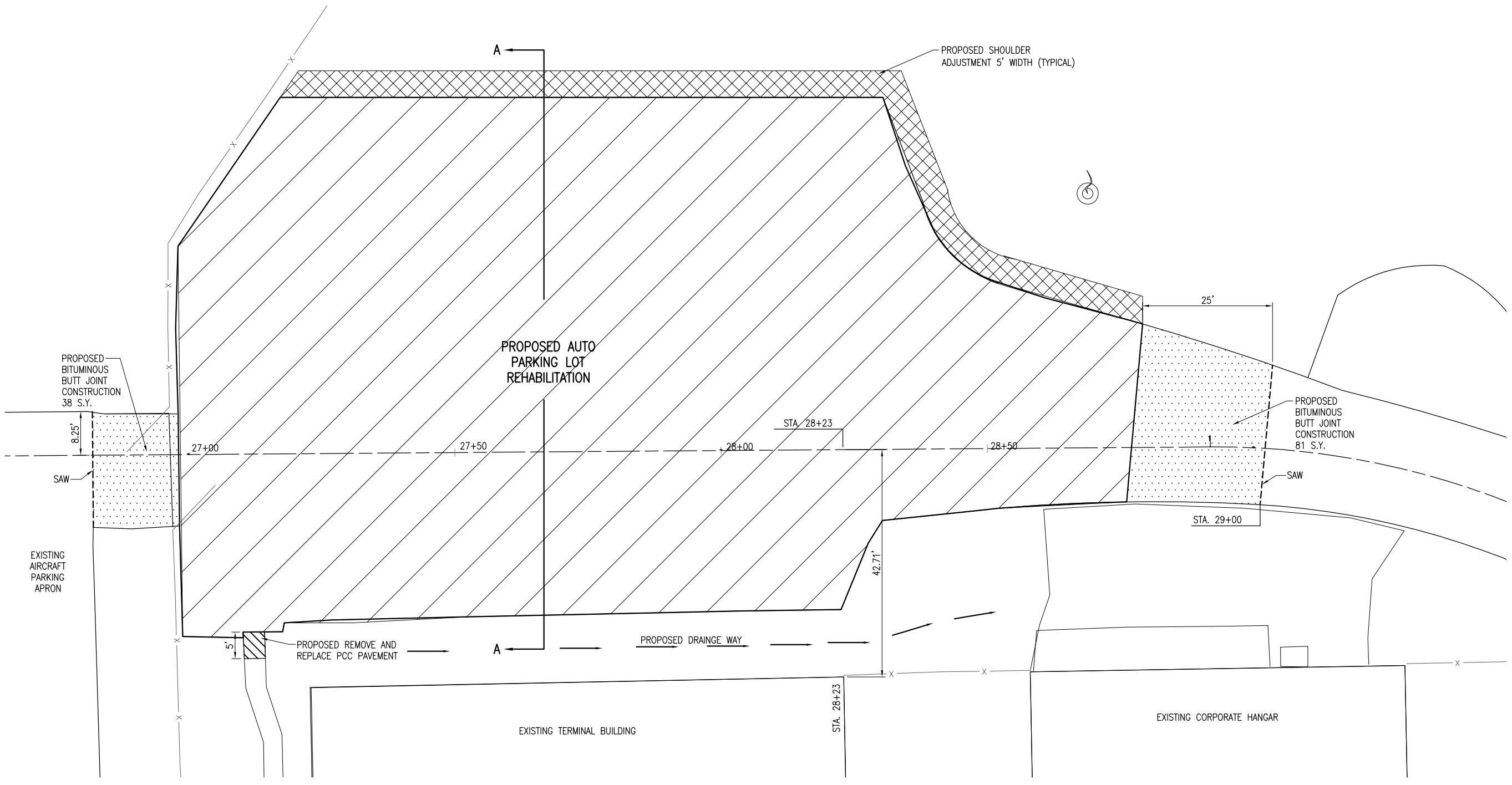
IL PROJ.: 01Y-3926 A.I.P. PROJ.: 3-17-0076-B9

|                                  |              |
|----------------------------------|--------------|
| Hanson Project No. 09A01460_0800 |              |
| Filename: R=121CON.DWG           |              |
| Scale: 1" = 10'                  |              |
| Date: 11/05/09                   |              |
| LAYOUT                           | JEO 11/05/09 |
| DRAWN                            | JEO 11/05/09 |
| REVIEWED                         | CAH 11/05/09 |



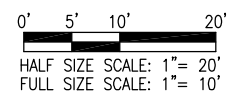
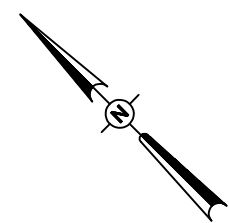
Hanson Professional Services Inc.  
1525 South Sixth Street  
Springfield, Illinois 62703-2886  
Offices Nationwide

**REHABILITATE  
AUTO PARKING LOT  
PROPOSED  
CONSTRUCTION  
PLAN**




**LEGEND**

|  |   |
|--|---|
|  | EXISTING IMPROVEMENTS                       |
|  | EXISTING BUILDINGS                          |
|  | PROPOSED IMPROVEMENTS                       |
|  | PROPOSED BITUMINOUS BUTT JOINT CONSTRUCTION |
|  | PROPOSED REMOVE AND REPLACE PCC PAVEMENT    |
|  | PROPOSED SHOULDER ADJUSTMENT                |



JAN 20, 2011 2:34 PM HAGL000382  
I:\AIRPORTS\OLNEY\09A0146\CADD\AIRPORT\SHEET\R=121CON.DWG - Layout1

**P.C.C. PAVEMENT REMOVAL AND REPLACEMENT**

THE AREA DESIGNATED AS  ON THE PARKING LOT CONSTRUCTION PLAN SHEET WILL HAVE THE EXISTING P.C.C. PAVEMENT ADJUSTED TO MATCH THE PROPOSED PAVEMENT. ALL REMOVED MATERIAL WILL BE DISPOSED OFF THE AIRPORT SITE.

THE EXISTING P.C.C. PAVEMENT WILL BE REMOVED TO THE JOINT THAT IS NEAREST TO THE DIMENSIONS SHOWN ON SHEET NO 5.

THE REMOVAL OF THE P.C.C. PAVEMENT WILL BE PAID FOR UNDER ITEM: AR501900 "REMOVE PCC PAVEMENT" - PER SQ.YD.

THE PROPOSED CONCRETE WILL BE IN ACCORDANCE WITH ITEM 610.

THE PROPOSED CONCRETE PAVEMENT WILL BE PAID FOR UNDER ITEM: AR501600 "P.C.C. SIDEWALK" - PER S.F.

**501 CONCRETE SIDEWALK**

THE CONTRACTOR WILL CONSTRUCT A PROPOSED CONCRETE SIDEWALK (4" THICK) AT THE LOCATION SHOWN ON SHEET 5.

THE CONCRETE SHALL BE IN ACCORDANCE WITH ITEM 610 STRUCTURAL PORTLAND CEMENT CONCRETE.

NO REINFORCEMENT WILL BE REQUIRED IN THE CONCRETE.

JOINTING OF THE CONCRETE WILL BE EVERY 4 FOOT.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM: AR501600 PCC SIDEWALK - PER S.F.

**SHOULDER ADJUSTMENT NOTE**

THE GRADING WILL HAVE A 1-1/2" DROP FROM THE PAVEMENT EDGE AND TAPERING TO THE EXISTING GROUND IN FIVE FEET. THIS WILL BE THE FINAL GRADE UPON COMPLETION OF THE SEEDING & MULCHING. THE EARTH FILLETS WILL NOT REQUIRE COMPACTING OR GRADING, OTHER THAN LIGHT ROLLING AND SHAPING. THE MATERIAL FOR THE PROPOSED EARTH FILLETS WILL BE TOPSOIL OBTAINED FROM OFF-SITE. THE OFF-SITE MATERIAL WILL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO HAULING TO THE PROJECT SITE. THE REQUIREMENTS FOR PH, ORGANIC MATTER AND GRADATION WILL BE WAIVED PROVIDED THE TOPSOIL MATERIAL WILL SUSTAIN THE GROWTH OF GRASS.

THE EXISTING SHOULDER AREA WILL BE MOWED AND DISKED/TILLED PRIOR TO PLACING THE EARTH MATERIAL. THE AREA WILL BE DISKED/TILLED UNTIL THE SOD HAS BEEN COMPLETELY CUT UP. ANY CHUNKS OF SOD WILL BE REMOVED PRIOR TO THE PLACEMENT OF THIS EARTH MATERIAL.

THE CONTRACTOR SHALL TAKE SPECIAL PRECAUTIONS WHEN HAULING BORROW MATERIAL SO AS NOT TO CREATE RUTS IN ADJACENT EARTH AREAS. ALL EXISTING GRADED OR TURFED AREAS OUTSIDE THE GRADING LIMITS WHICH ARE DISTURBED OR RUTTED BY THE CONTRACTOR DURING THE HAULING OPERATION SHALL BE REGRADED AND RETURFED AT HIS OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER.

THE MATERIAL FOR THE PROPOSED EARTH FILLETS WILL BE PAID FOR UNDER ITEM: AR152480 "SHOULDER ADJUSTMENT" PER SQUARE YARDS.

QUANTITY OF SHOULDER ADJUSTMENT \_\_\_\_\_ 116 S.Y.

**603-BITUMINOUS TACK COAT NOTES:**

THE BITUMINOUS TACK COAT (603) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR603 "BITUMINOUS TACK COAT" AS STATED ON PAGE 254 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED NOVEMBER 2, 2009.

THE PROPOSED BITUMINOUS TACK COAT SHALL BE PLACED ON THE EXISTING AND PROPOSED BITUMINOUS PAVEMENT PRIOR TO THE PLACEMENT OF THE NEXT LIFT OF PROPOSED BITUMINOUS MATERIAL.

THE PROPOSED BITUMINOUS TACK COAT WILL BE PAID FOR UNDER ITEM: AR603510 BITUMINOUS TACK COAT \_\_\_\_\_ PER GAL.

**AR401611 BITUMINOUS SURFACE COURSE-METHOD 1, SUPERPAVE**

THE BITUMINOUS SURFACE COURSE (401) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR401003 "BITUMINOUS SURFACE COURSE-METHOD 1, SUPERPAVE" AS STATED ON PAGE 129 OF THE OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED NOV. 2, 2009.

THIS ITEM OF WORK SHALL CONSIST OF CONSTRUCTING 2 LIFTS OF BITUMINOUS SURFACE COURSE-METHOD 1, SUPERPAVE (1-1/4 INCH DEPTH AND 1-1/2 INCH DEPTH).

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE QUALITY CONTROL IN THE PRODUCTION AND CONSTRUCTION OF THE BITUMINOUS SURFACE COURSE METHOD 1, SUPERPAVE.

PRIOR TO STARTING THE BITUMINOUS SURFACE COURSE-METHOD 1, SUPERPAVE OPERATION, THE CONTRACTOR SHALL SUBMIT TO THE RESIDENT ENGINEER A DETAILED OUTLINE SHOWING AREAS AND ORDER OF PAVING WIDTHS OF PAVING LANES.

NO STRING LINE WILL BE REQUIRED DURING THE PLACEMENT OF THE BITUMINOUS SURFACE COURSE.

THE PROPOSED BITUMINOUS SURFACE COURSE METHOD 1, SUPERPAVE WILL BE DESIGNED TO A SUPERPAVE DESIGN OF LESS THAN 60,000 POUNDS.

401-4.9 ADD THE FOLLOWING TO THIS SECTION:

WHEN HAND SPREADING IS PERMITTED, THE MIXTURE WILL BE DISTRIBUTED AND SPREAD USING HAND TOOLS. WHEN THE WORK IS COMPLETED, THE LAYER WILL HAVE THE REQUIRED THICKNESS AND CONFORM TO THE GRADE AND SURFACE CONTOUR SHOWN ON THE PLANS.

401-4.12 ADD THE FOLLOWING TO THIS PARAGRAPH:

ALL PAVEMENT EDGES (LONGITUDINAL, RADIUS, AND PAVEMENT ENDS) MUST BE LEFT IN PROPER ALIGNMENT AS SHOWN ON THE PLANS. THIS MAY BE ACCOMPLISHED BY THE TRIMMING METHOD OUTLINED ABOVE OR AT THE CONTRACTOR'S OPTION BY SAWING AFTER THE PAVING HAS BEEN COMPLETED. NO ADDITIONAL COMPENSATION WILL BE MADE IF THE SAWING METHOD IS USED.

**RUNWAY 3-21 PAVEMENT REPAIR NOTES**

THERE IS AN EXISTING LOW AREA ON RUNWAY 3-21 (20' X 20') THAT THE CONTRACTOR WILL REPAIR. TO REACH THIS AREA THE CONTRACTOR WILL CLOSE RUNWAY 3-21 AND THE CONNECTING TAXIWAYS.

THE REPAIR SHALL CONSIST OF MILLING THE AREA AT A DEPTH OF 1-1/2 INCHES. AFTER CLEANING THE MILLED AREA THE CONTRACTOR WILL PLACE BITUMINOUS TACK COAT ON THE AREA. AFTER THE TACK COAT HAS CURED THE CONTRACTOR WILL PAVE THIS AREA WITH BITUMINOUS SURFACE COURSE, SUPERPAVE MATERIAL.

ONCE THE PROPOSED PAVEMENT HAS BEEN ROLLED AND ACCEPTED THE CONTRACTOR WILL RE-OPEN RUNWAY 3-21.

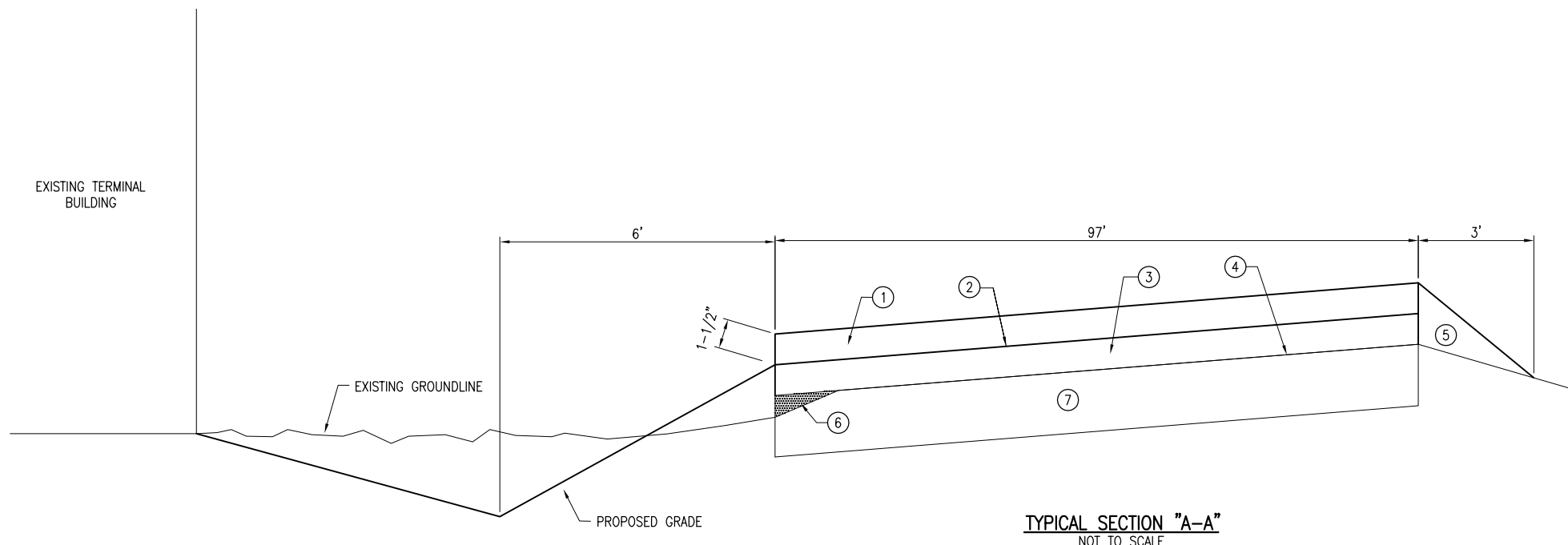
THE PROPOSED PAVEMENT MILLING WILL BE PAID FOR UNDER ITEM AR401650 "BITUMINOUS PAVEMENT MILLING" PER SQUARE YARD.

THE PROPOSED BITUMINOUS TACK COAT WILL BE PAID FOR UNDER ITEM AR603510 "BITUMINOUS TACK COAT" PER GALLON.

THE PROPOSED BITUMINOUS SURFACE COURSE, SUPERPAVE WILL BE PAID FOR UNDER ITEM 401613 "BITUMINOUS SURFACE COURSE-METHOD 1, SUPERPAVE" PER TON.

**LEGEND FOR TYPICAL SECTION "A-A"**

- ① PROPOSED 401 - BITUMINOUS SURFACE COURSE (1-1/2" DEPTH)
- ② PROPOSED 603 - BITUMINOUS TACK COAT (0.15 GAL./S.Y.)
- ③ PROPOSED 401 - BITUMINOUS SURFACE COURSE (1-1/4" DEPTH)
- ④ PROPOSED 603 - BITUMINOUS TACK COAT (0.15 GAL./S.Y.)
- ⑤ PROPOSED 152 - SHOULDER ADJUSTMENT
- ⑥ PROPOSED 401- BITUMINOUS SURFACE COURSE (WEDGE)
- ⑦ EXISTING GRADE



**TYPICAL SECTION "A-A"**  
NOT TO SCALE

|          |                 |
|----------|-----------------|
| BY       | CAH             |
| REVISION | REVISOR         |
| 5/5/10   | REVISOR PER IDA |

**OLNEY-NOBLE AIRPORT  
OLNEY, ILLINOIS**

IL. PROJ.: 01Y-3926 A.I.P. PROJ.: 3-17-0076-B9

|                                  |     |          |
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| Hanson Project No. 09A0146D_0800 | CAH | 01/28/10 |
| Filename R-302TYP.DWG            | BAK | 01/28/10 |
| Scale NOT TO SCALE               | CAH | 02/02/10 |
| Date 01/28/10                    |     |          |
| LAYOUT                           |     |          |
| DRAWN                            |     |          |
| REVIEWED                         |     |          |



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Springfield, Illinois 62703-2886  
Offices Nationwide

REHABILITATE  
AUTO PARKING LOT

PROPOSED  
TYPICAL SECTION  
AND NOTES

**CLEANING AND SEALING BITUMINOUS CRACKS**

THE PAVEMENT CONDITIONS AND CRACKS WERE IDENTIFIED DURING A SURVEY OF THE EXISTING APRON AREA PERFORMED ON 12/22/09. THE EXACT AMOUNT OF CRACKS TO BE CLEANED AND SEALED WILL BE THE NUMBER OF LINEAR FEET OF CRACKS MARKED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

ALL CRACKS DESIGNATED BY THE RESIDENT ENGINEER FOR CLEANING AND SEALING WILL BE DONE SO AS STATED IN THE SPECIAL PROVISIONS.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:  
AR201661 "CLEAN & SEAL BITUMINOUS CRACKS" - PER L.F.

**BITUMINOUS PAVEMENT MILLING**

THERE IS AN EXISTING LOW SPOT (20' X 20') ON RUNWAY 3-21 THAT CURRENTLY RETAINS WATER. THIS SPOT WILL BE LOCATED AND MARKED BY THE RESIDENT ENGINEER.

THE CONTRACTOR WILL MILL THIS AREA AT A DEPTH OF 1-1/2". HE WILL THEN CLEAN THE PAVEMENT, THEN TACK IT AT THE RATE OF 0.15 GALLONS PER SQUARE YARD.

AFTER THE TACK HAS CURED THE CONTRACTOR WILL PAVE THE AREA WITH 401 BITUMINOUS SURFACE COURSE - METHOD I, SUPERPAVE.

THE PAVEMENT WILL BE COMPACTED IN ACCORDANCE WITH THE SPECIFICATION AND APPROVED BY THE RESIDENT ENGINEER.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:  
AR401650 "BITUMINOUS PAVEMENT MILLING" -- 45 S.Y

**BUTT JOINT CONSTRUCTION**

THE AREA(S) DESIGNATED AS [stippled pattern] ON THIS SHEET WILL BE CUT OR TRIMMED. THE CUTTING OR TRIMMING WILL BE DONE BY ROTO- MILLING. THE TOLERANCE OF THE MILLING WILL BE AS STATED IN THE STANDARD SPECIFICATIONS.

IF A SQUARE STRAIGHT EDGE IS NOT OBTAINED FROM THE MILLING OPERATIONS, THE EXISTING PAVEMENT WILL BE SAWED AS SHOWN ON THIS SHEET. SAWING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED PAVEMENT MILLING AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL MILLED MATERIAL WILL BE DISPOSED OF OFF THE AIRPORT SITE.

PRIOR TO APPLYING THE BITUMINOUS OVERLAY ALL MILLED MATERIAL WILL BE BROOMED AND BLOWN CLEAN AND A BITUMINOUS TACK COAT APPLIED. THE VERTICAL FACE OF ALL SAW CUTS WILL BE PAINTED WITH A LIQUID ASPHALT.

ANY ADJACENT PAVEMENT DAMAGED BY THE MILLING OPERATIONS WILL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE.

ALL BITUMINOUS PAVEMENT MILLING AREAS WILL BE LOCATED AND MARKED BY THE RESIDENT ENGINEER.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:  
AR401655 "BUTT JOINT CONSTRUCTION" -- 119 S.Y

**EXISTING PIPE REMOVAL NOTES**

THERE IS AN EXISTING METAL PIPE THAT IS LOCATED BETWEEN THE PARKING LOT AND THE TERMINAL BUILDING. THIS METAL PIPE HAS BEEN USED AS A WHEEL STOP FOR CARS PARKING ALONG THAT EDGE OF THE PARKING LOT. SINCE PARKING BLOCKS WILL BE INSTALLED ALONG THIS EDGE AFTER THE PARKING LOT HAS BEEN OVERLAID, THE METAL PIPE WILL BE REMOVED AND DISPOSED OF OFF THE AIRPORT SITE.

THE REMOVAL AND DISPOSAL OF THE METAL PIPE WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

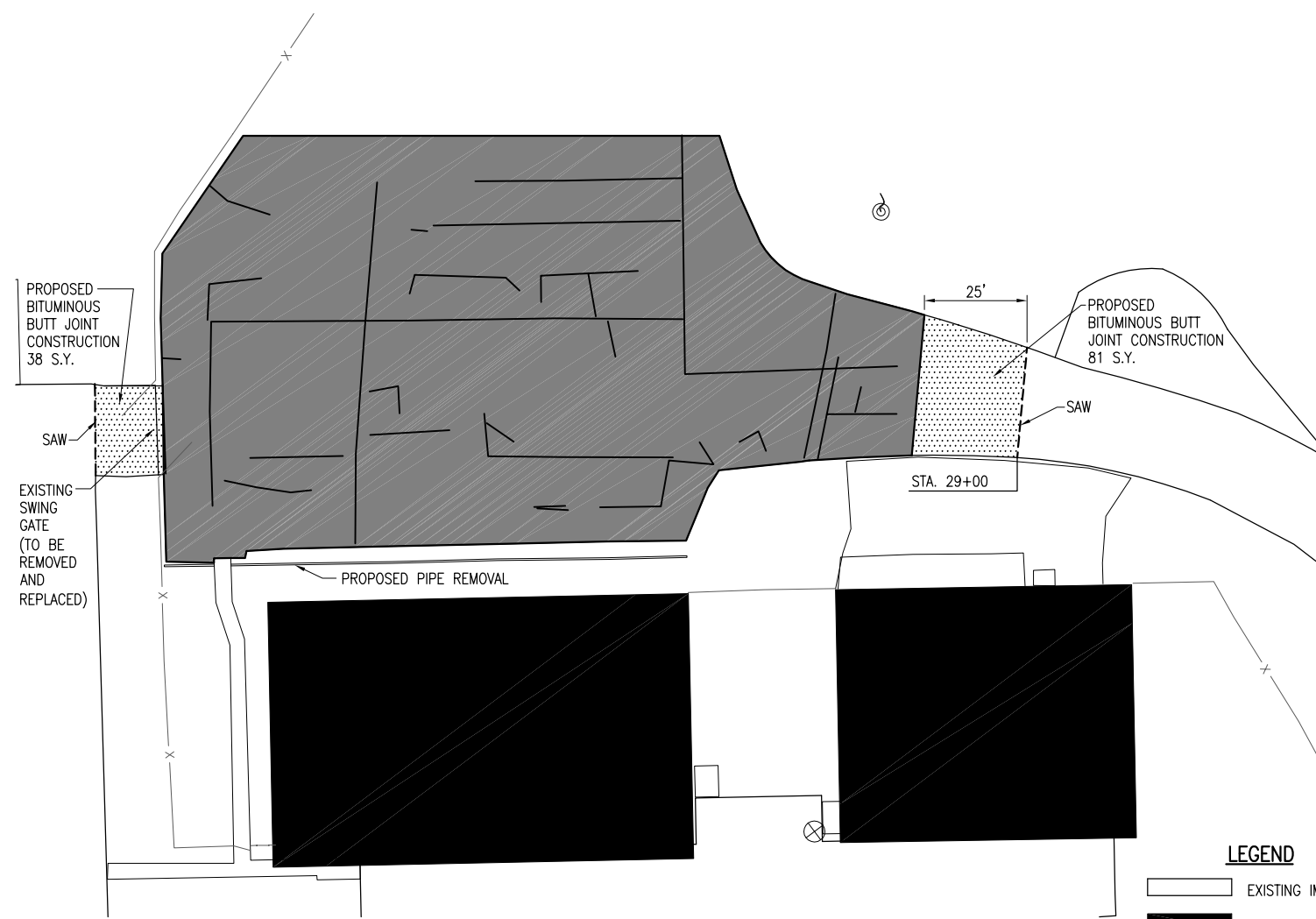
**REMOVE AND REPLACE CLASS E GATE**

THE EXISTING CLASS E GATE (4' HIGH) THAT EXTENDS ACROSS THE APRON ACCESS ROAD WILL BE REMOVED AND DISPOSED OF OFF THE AIRPORT SITE.

THE CONTRACTOR WILL INSTALL A NEW CLASS E 24' SWING GATE (4' HIGH) AT THIS LOCATION. THE CONTRACTOR WILL INSTALL NEW GATE POSTS AND GATE KEEPERS.

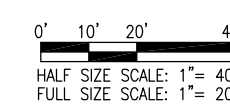
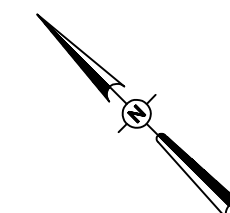
THE REMOVAL OF THE EXISTING CLASS E GATE WILL BE PAID FOR UNDER ITEM:  
AR163905 REMOVE GATE - PER EACH.

THE INSTALLATION OF THE PROPOSED CLASS E GATE WILL BE PAID FOR UNDER ITEM:  
AR162624 CLASS E GATE-24' - PER EACH.



**LEGEND**

- EXISTING IMPROVEMENTS
- EXISTING BUILDINGS
- PROPOSED IMPROVEMENTS
- PROPOSED BITUMINOUS BUTT JOINT CONSTRUCTION
- PROPOSED CRACK CLEANING AND SEALING BITUMINOUS CRACKS



| DATE     | REVISION                  | BY  |
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| 01/20/11 | Revised as per IDA review | CAH |
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**OLNEY-NOBLE AIRPORT  
OLNEY, ILLINOIS**

|                                  |     |          |
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| Hanson Project No. 09A0146D_0800 | JEO | 11/05/09 |
| Filename: R=111PRP.DWG           | BAK | 11/05/09 |
| Scale: 1" = 20'                  | CAH | 11/05/09 |
| Date: 11/05/09                   |     |          |
| LAYOUT                           |     |          |
| DRAWN                            |     |          |
| REVIEWED                         |     |          |

**HANSON**  
 Hanson Professional Services Inc.  
 1525 South Sixth Street  
 Springfield, Illinois 62703-2886  
 Offices Nationwide

**REHABILITATE  
AUTO PARKING LOT**  
**PROPOSED  
PAVEMENT PREPARATION  
PLAN**

JAN 20, 2011 2:36 PM HAGL000382 I:\AIRPORTS\OLNEY\09A0146\CADD\AIRPORT\ SHEET\R-111PRP.DWG - Layout1

**620-PAVEMENT MARKING-WATERBORNE NOTES**

THE PAVEMENT MARKING-WATERBORNE (620) SHALL BE PLACED IN ACCORDANCE WITH ITEM 620 "PAVEMENT MARKING" AS STATED ON PAGE 277 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED NOV. 2, 2009.

THIS ITEM SHALL CONSIST OF PARKING STALL MARKING IN ACCORDANCE WITH THESE SPECIFICATIONS AND AT THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS. ALL MARKING WILL BE YELLOW IN COLOR. THE PROPOSED PAVEMENT MARKING WILL BE APPLIED IN TWO APPLICATIONS.

ANY MATERIAL DELIVERED THAT FAILS TO MEET THE SPECIFICATIONS SHALL BE DISPOSED OF BY THE VENDOR AND IMMEDIATELY REPLACED WITH ACCEPTABLE MATERIAL ENTIRELY AT THE VENDOR'S EXPENSE, INCLUDING HANDLING AND TRANSPORTATION CHARGES.

ALL PROPOSED MARKING WILL BE COMPLETED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE CONSTRUCTION PLANS.

GLASS BEADS SHALL BE REQUIRED ONLY ON THE SECOND APPLICATION OF YELLOW MARKING.

CUT-OFF SHEETS WILL BE REQUIRED TO INSURE STRAIGHT EDGES.

THE PROPOSED MARKING WILL BE PAID FOR UNDER ITEM:  
AR620520 PAVEMENT MARKING-WATERBORNE \_\_\_\_ 192 S.F.

**PARKING BLOCK(S)**

ALL PARKING BLOCK(S) SHALL BE STANDARD MANUFACTURED FORMED CONCRETE PARKING BLOCKS WITH A MINIMUM OF TWO ANCHOR HOLES PROVIDED.

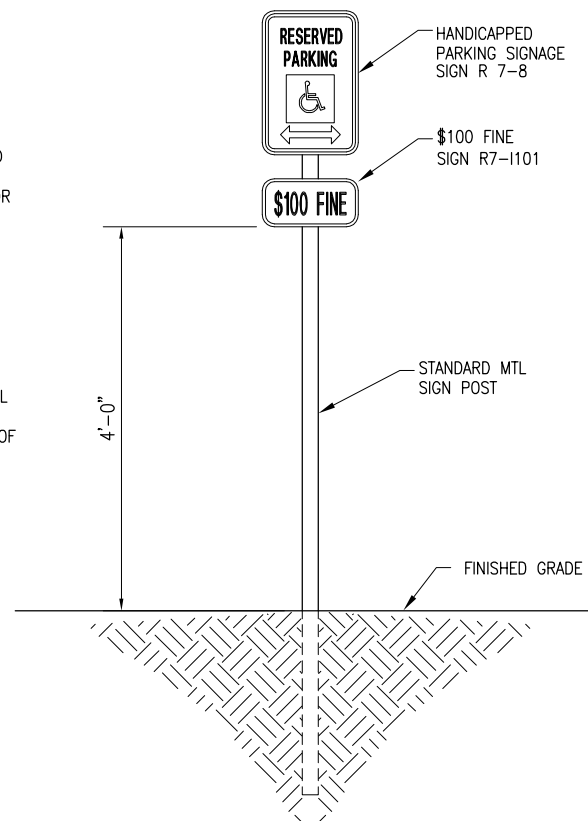
POINTED SMOOTH STEEL BARS SHALL BE DRIVEN THROUGH HOLES DRILLED IN THE PROPOSED PAVEMENT TO ANCHOR THE BLOCKS. BARS SHALL BE DRIVEN FLUSH WITH THE TOP OF THE CONCRETE BLOCK. NO DAMAGED OR CRACKED PARKING BLOCKS WILL BE ACCEPTED.

THE PARKING BLOCKS WILL BE PAINTED YELLOW IN COLOR.

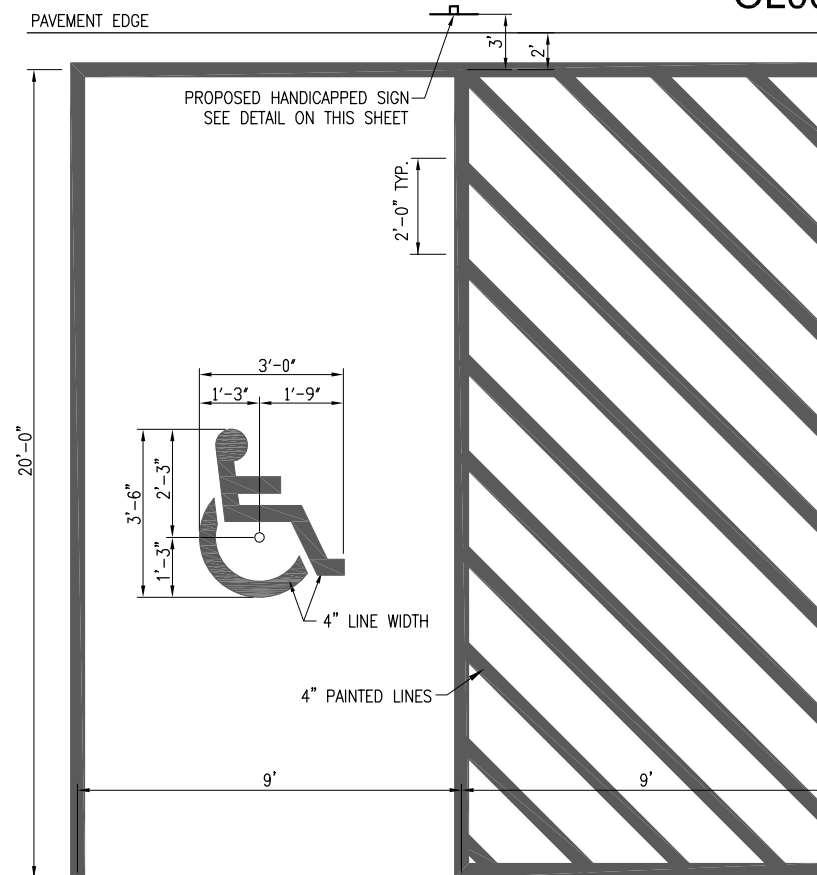
ALL PARKING BLOCKS TO BE PAID FOR SHALL BE NUMBER OF EACH FURNISHED, INSTALLED, ANCHORED AND ACCEPTED BY THE RESIDENT ENGINEER.

PAYMENT WILL BE MADE AT THE CONTRACT UNIT PRICE BID FOR PARKING BLOCKS. THIS PRICE SHALL BE FULL COMPENSATION FOR FURNISHING ALL LABOR, EQUIPMENT AND TOOLS NECESSARY TO INSTALL AND ANCHOR THE BLOCKS, AND FOR ALL INCIDENTALS NECESSARY TO COMPLETE THIS ITEM OF WORK.

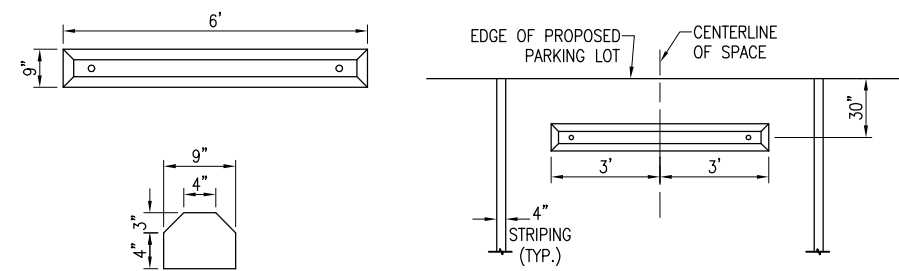
THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:  
AR910410 "PARKING BLOCK" - 11 EACH.



**HANDICAPPED SIGNAGE**  
"NOT TO SCALE"

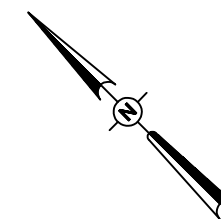


**TYPICAL HANDICAP PARKING SPACE PAINT STRIPING**  
"NOT TO SCALE"  
NOTE: CENTER SYMBOL IN STALL.

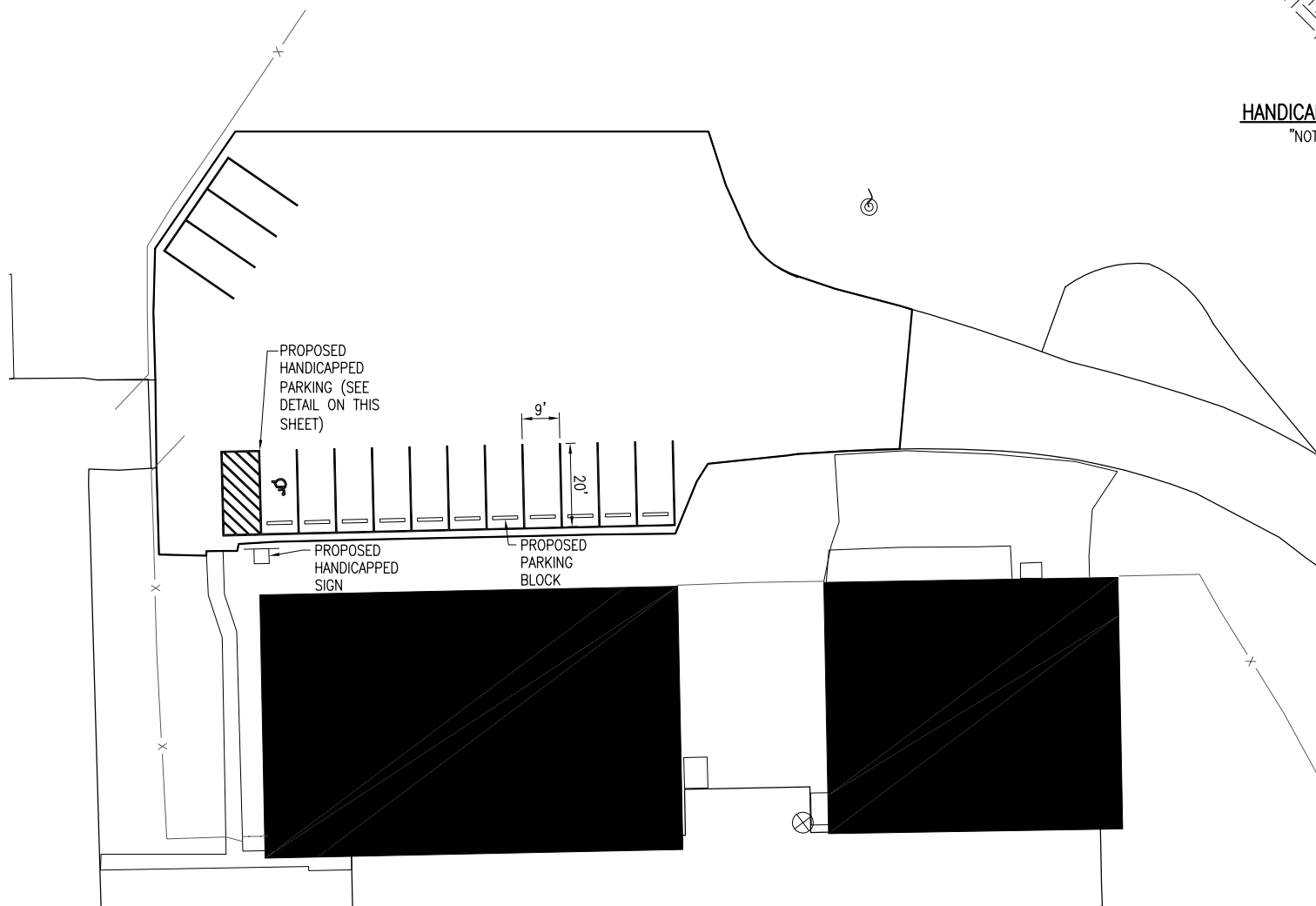


**PARKING BLOCK LAYOUT**  
"NOT TO SCALE"

- LEGEND**
- EXISTING IMPROVEMENTS
  - EXISTING BUILDINGS
  - EXISTING FENCE
  - PROPOSED IMPROVEMENTS
  - PROPOSED MARKING



0' 10' 20' 40'  
HALF SIZE SCALE: 1" = 40'  
FULL SIZE SCALE: 1" = 20'



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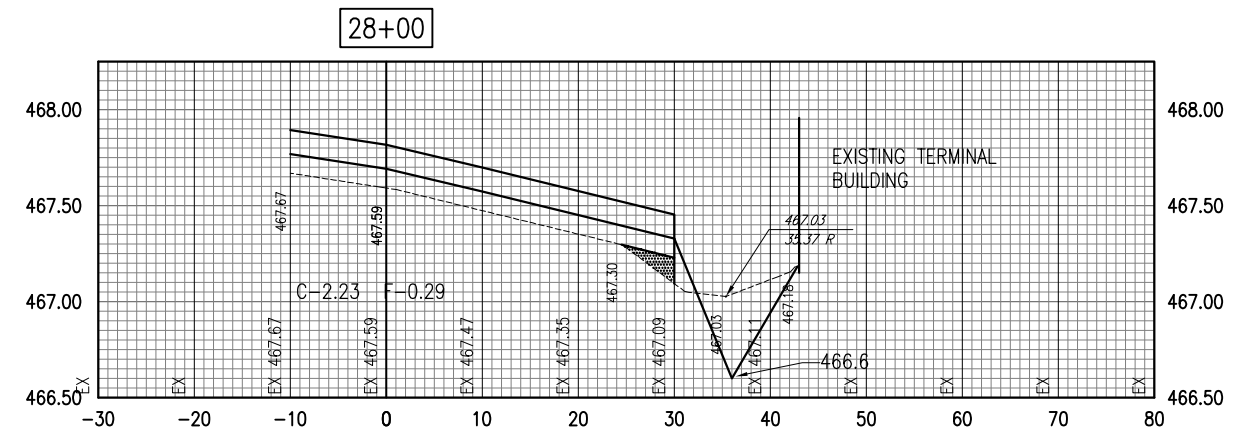
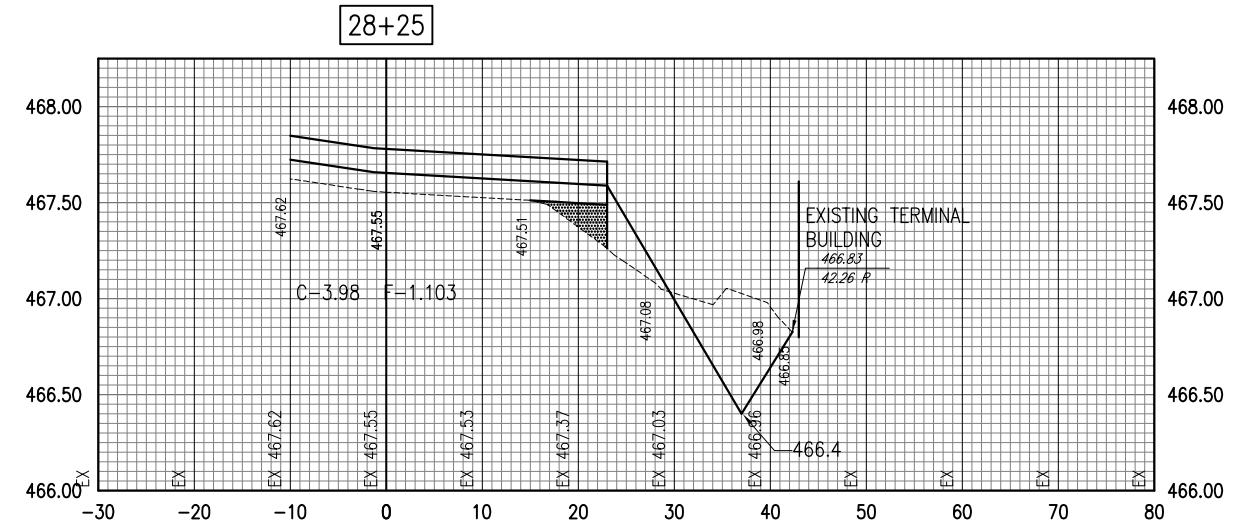
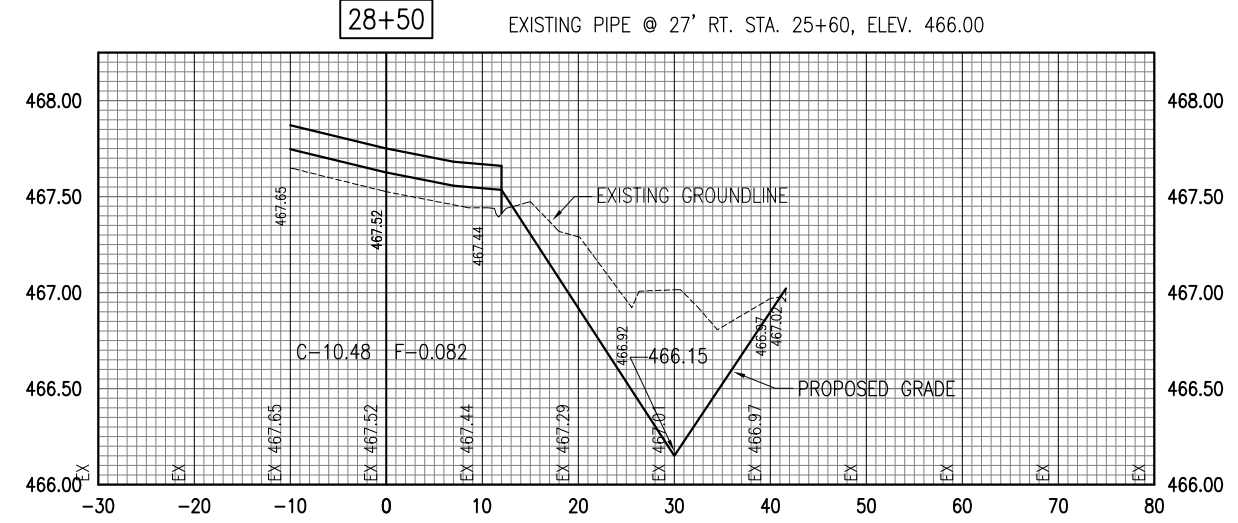
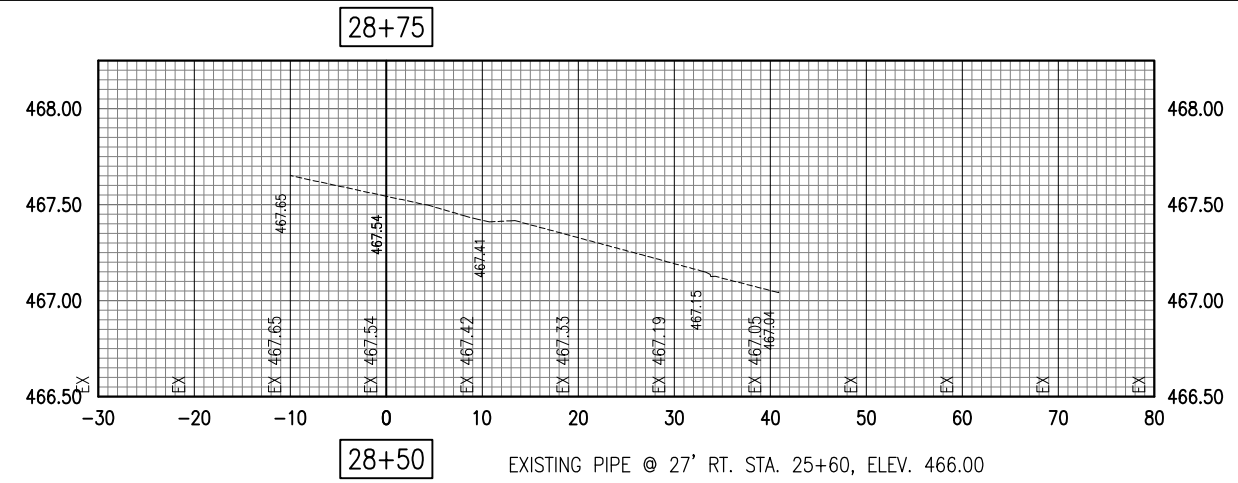
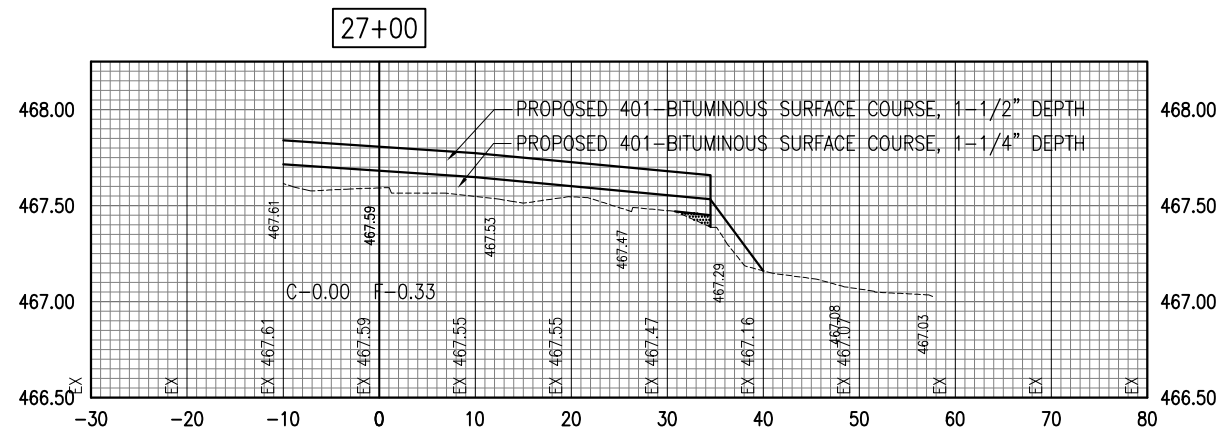
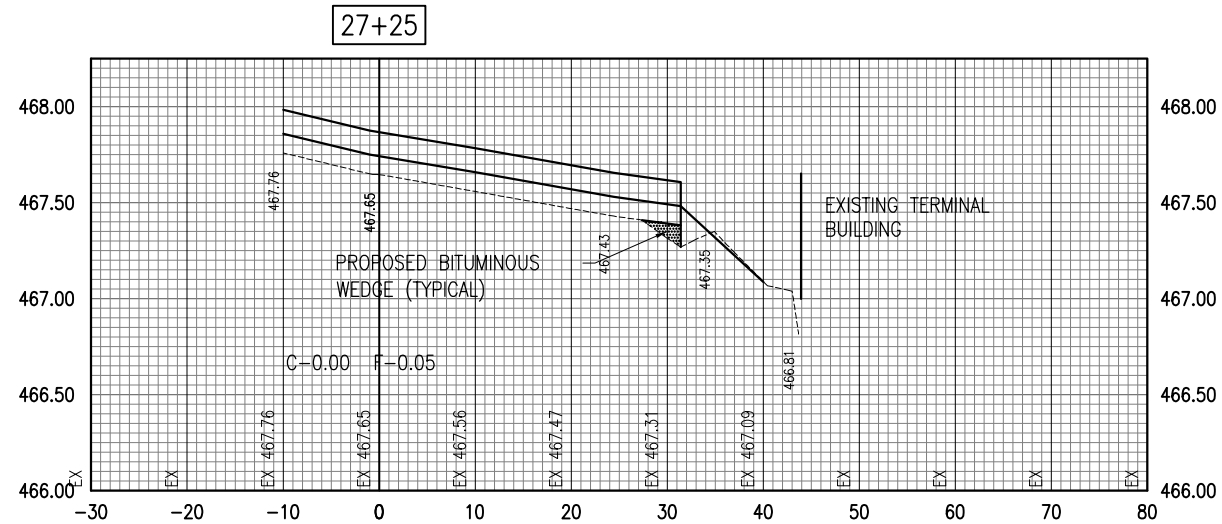
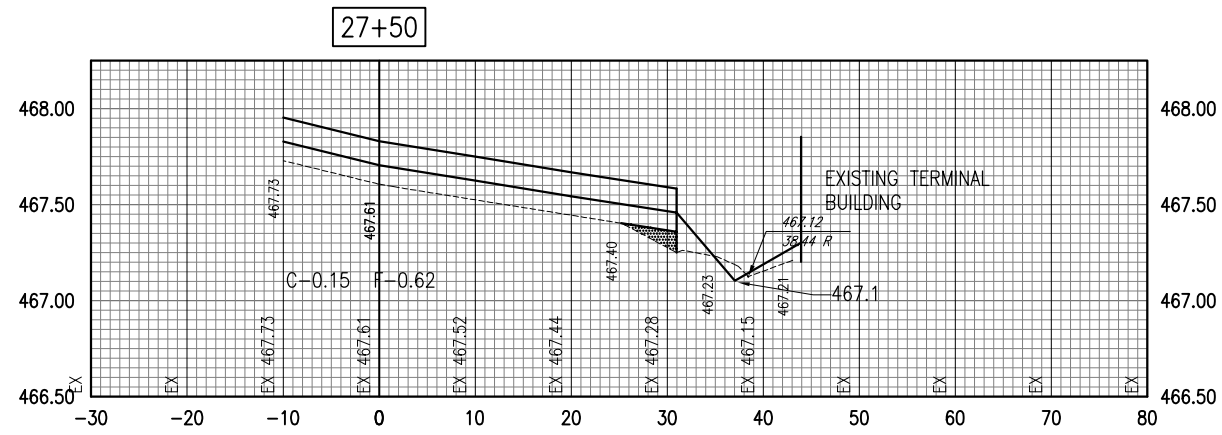
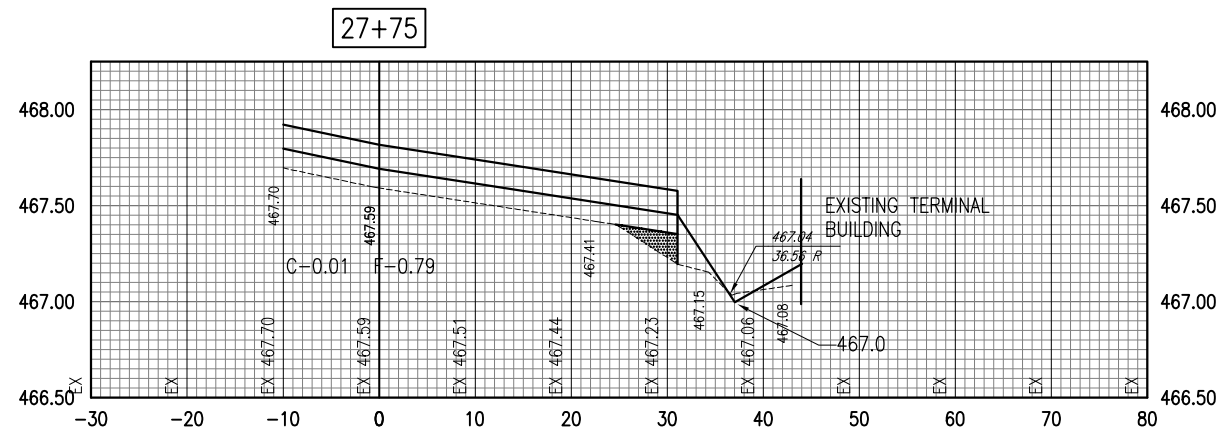
**OLNEY-NOBLE AIRPORT  
OLNEY, ILLINOIS**

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|----------------------------------|-----------------------|---------------|
| Hanson Project No. 09A0146D_0800 | FILENAME R=152MRK.DWG | DATE 11/05/09 |
| SCALE 1" = 20'                   | LAYOUT JEO            | 11/05/09      |
| DATE 11/05/09                    | DRAWN JEO             | 11/05/09      |
| REVIEWED CAH                     | xx/xx/xx              |               |



**REHABILITATE  
AUTO PARKING LOT**  
PROPOSED  
MARKING  
PLAN





OL009

| DATE | REVISION | BY |
|------|----------|----|
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Hanson Project No. 09A0146D\_0800  
 Filename: R-XSEC.DWG  
 Scale: 1" = 10'  
 Date: 11/05/09

LAYOUT JEO 11/05/09  
 DRAWN JEO 11/05/09  
 REVIEWED CAH xx/xx/xx

OLNEY-NOBLE AIRPORT  
 OLNEY, ILLINOIS


IL PROJ.: 01Y-3926 A.I.P. PROJ.: 3-17-0076-B9

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|---|--|
| <p>Hanson Professional Services Inc.<br/>         1525 South Sixth Street<br/>         Springfield, Illinois 62703-2866<br/>         Offices Nationwide</p> |  |
| REHABILITATE<br>AUTO PARKING LOT  | PROPOSED PARKING LOT<br>CROSS-SECTIONS<br>STA. 27+00 TO STA. 28+75 |

9  
 9 of 18 sheets

# CONSTRUCT T-HANGAR ACCESS ROAD

| SUMMARY OF QUANTITIES |                                  |      |                  |                     |
|-----------------------|----------------------------------|------|------------------|---------------------|
| ITEM NO.              | DESCRIPTION                      | UNIT | TOTAL QUANTITIES | AS BUILT QUANTITIES |
| AR110204              | 4" PVC DUCT, DIRECT BURY         | L.F. | 26               |                     |
| AR152410              | UNCLASSIFIED EXCAVATION          | C.Y. | 72               |                     |
| AR152442              | OFFSITE BORROW EXCAVATION        | C.Y. | 152              |                     |
| AR162905              | REMOVE GATE                      | EACH | 1                |                     |
| AR162960              | RELOCATE CLASS E FENCE           | L.F. | 80               |                     |
| AR162964              | RELOCATED GATE                   | EACH | 1                |                     |
| AR209510              | CRUSHED AGGREGATE BASE COURSE    | TON  | 134              |                     |
| AR401610              | BITUMINOUS SURFACE COURSE        | TON  | 67               |                     |
| AR501600              | PCC SIDEWALK                     | S.F. | 88               |                     |
| AR602510              | BITUMINOUS PRIME COAT            | GAL. | 96               |                     |
| AR603510              | BITUMINOUS TACK COAT             | GAL. | 56               |                     |
| AR620520              | PAVEMENT MARKING-WATERBORNE      | S.F. | 79               |                     |
| AR701518              | 18" RCP, CLASS IV                | L.F. | 50               |                     |
| AR752418              | PRECAST REINFORCED CONC. FES 18" | EACH | 2                |                     |
| AR800524              | CLASS E MANUAL SLIDE GATE        | EACH | 1                |                     |
| AR901510              | SEEDING                          | ACRE | 0.25             |                     |
| AR908510              | MULCHING                         | ACRE | 0.25             |                     |
| AR910230              | HANDICAP SIGN                    | EACH | 1                |                     |

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| Hanson Project No. 09A0146D_0800<br>Filename R-004FLP.DWG<br>Scale NOT TO SCALE<br>Date 02/02/10 |  | LAYOUT CAH 02/02/10<br>DRAWN BAK 02/04/10<br>REVIEWED CAH 02/03/10   | OLNEY-NOBLE AIRPORT<br>OLNEY, ILLINOIS<br>A.I.P. PROJ.: 3-17-0076-B9<br>I.L. PROJ.: 01Y-3926 | REVISION<br>Revised as per IDA review<br>DATE 01/20/11<br>BY CAH |
| <b>T-HANGAR ACCESS ROAD</b><br>SUMMARY OF QUANTITIES FOR T-HANGAR ACCESS ROAD                    |  |  Hanson Professional Services Inc.<br>1525 South Sixth Street<br>Springfield, Illinois 62703-2886<br>Offices Nationwide |  |  |
| <b>10</b><br>10 of 18 sheets   |  |  |  |  |

| DATE     | REVISION                  | BY  |
|----------|---------------------------|-----|
| 01/20/11 | Revised as per IDA review | CAH |
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**OLNEY-NOBLE AIRPORT**  
**OLNEY, ILLINOIS**

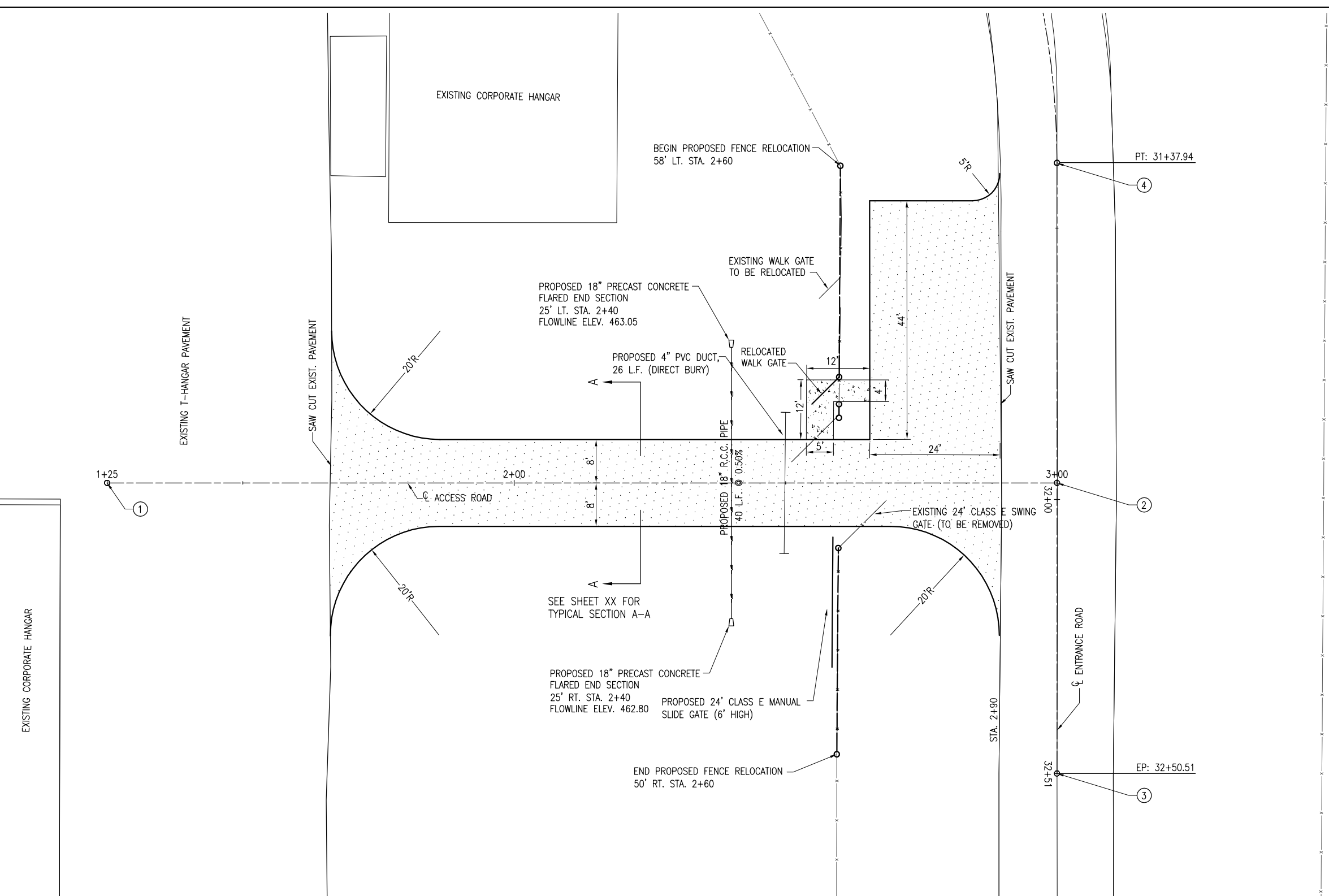
IL PROJ.: 01Y-3926 A.I.P. PROJ.: 3-17-0076-B9

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| Hanson Project No. 09A0146D_0800 | FILENAME R-SITE2.DWG |
| Scale 1" = 10'                   | Date 11/05/09        |
| LAYOUT JEO 11/05/09              | DRAWN JEO 11/05/09   |
| REVIEWED CAH 11/05/09            |                      |



**T-HANGAR ACCESS ROAD**

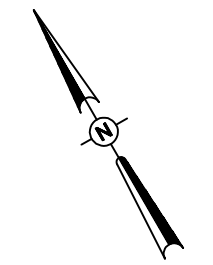
**PROPOSED SITE PLAN**



**PROPOSED SITE PLAN**

**LEGEND**

- EXISTING BUILDINGS
- PROPOSED IMPROVEMENTS
- PROPOSED CONCRETE SIDEWALK
- EXISTING FENCE
- RELOCATED FENCE



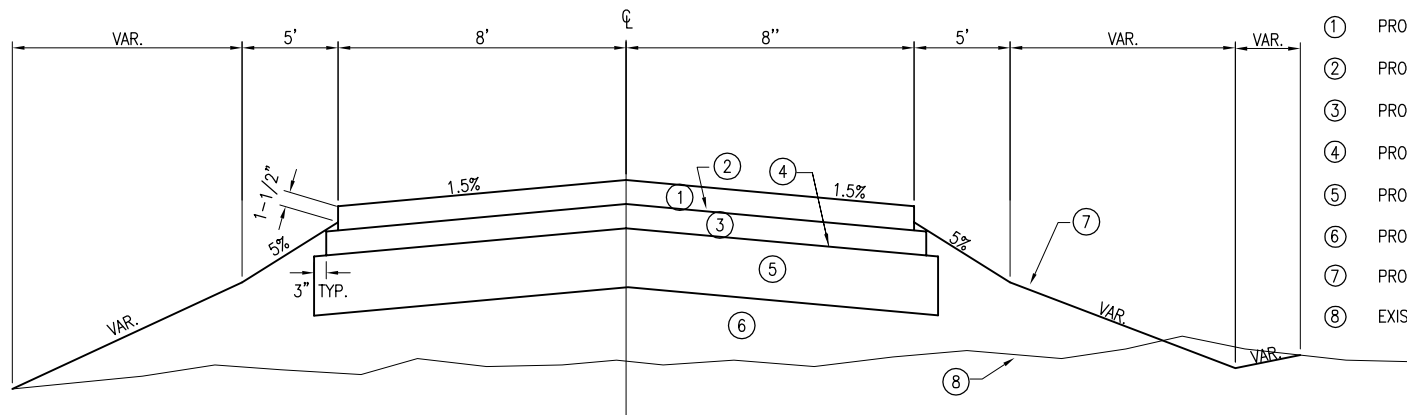
0' 5' 10' 20'

HALF SIZE SCALE: 1" = 20'

FULL SIZE SCALE: 1" = 10'

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| NO.             | STATION  | OFFSET | NORTHING    | EASTING      |
| 1               | 1+25.00  | ℄      | 747299.8203 | 1029797.8880 |
| 2               | 3+00.00  | ℄      | 747197.8211 | 1029940.0892 |
| 3               | 32+50.51 | ℄      | 747154.3150 | 1029908.8827 |
| 4               | 31+37.94 | ℄      | 747245.7008 | 1029974.4235 |

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| DATE        | 5/5/10     |



**LEGEND**

- ① PROPOSED 401 - BITUMINOUS SURFACE COURSE (1-1/2" DEPTH)
- ② PROPOSED 603 - BITUMINOUS TACK COAT (0.15 GAL./S.Y.)
- ③ PROPOSED 401 - BITUMINOUS SURFACE COURSE (1-1/2" DEPTH)
- ④ PROPOSED 602 - BITUMINOUS PRIME COAT (0.25 GAL./S.Y.)
- ⑤ PROPOSED 209 - CRUSHED AGGREGATE BASE COURSE (6" DEPTH)
- ⑥ PROPOSED 152 - UNCLASSIFIED EXCAVATION
- ⑦ PROPOSED GRADE
- ⑧ EXISTING GRADE

**TYPICAL SECTION "A-A"**  
NOT TO SCALE

**401 BITUMINOUS SURFACE COURSE - METHOD 1**

THE BITUMINOUS SURFACE COURSE (401) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR401003 "BITUMINOUS SURFACE COURSE-METHOD 1, SUPERPAVE" AS STATED ON PAGE 129 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED NOVEMBER 2, 2009.

THIS ITEM OF WORK SHALL CONSIST OF CONSTRUCTING TWO LIFTS OF BITUMINOUS SURFACE COURSE (1-1/2 INCH DEPTH) ON THE PROPOSED CRUSHED AGGREGATE BASE COURSE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE QUALITY CONTROL IN THE PRODUCTION AND CONSTRUCTION OF THE BITUMINOUS SURFACE COURSE.

PRIOR TO STARTING THE BITUMINOUS SURFACE COURSE OPERATION, THE CONTRACTOR SHALL SUBMIT TO THE RESIDENT ENGINEER A DETAILED OUTLINE SHOWING AREAS AND ORDER OF PAVING WIDTHS OF PAVING LANES, AND REQUIRED OFFSETS FOR ELECTRONIC GRADE.

A STRING LINE WILL NOT BE REQUIRED.

THE PROPOSED BITUMINOUS SURFACE COURSE WILL BE DESIGNED TO A MARSHALL DESIGN OF LESS THAN 60,000 POUNDS.

401-4.9 ADD THE FOLLOWING TO THIS SECTION:

WHEN HAND SPREADING IS PERMITTED, THE MIXTURE WILL BE DISTRIBUTED AND SPREAD USING HAND TOOLS. WHEN THE WORK IS COMPLETED, THE LAYER WILL HAVE THE REQUIRED THICKNESS AND CONFORM TO THE GRADE AND SURFACE CONTOUR SHOWN ON THE PLANS.

401-4.12 ADD THE FOLLOWING TO THIS PARAGRAPH:

ALL PAVEMENT EDGES (LONGITUDINAL, RADIUS, AND PAVEMENT ENDS) MUST BE LEFT IN PROPER ALIGNMENT AS SHOWN ON THE PLANS. THIS MAY BE ACCOMPLISHED BY THE TRIMMING METHOD OUTLINED ABOVE OR AT THE CONTRACTOR'S OPTION BY SAWING AFTER THE PAVING HAS BEEN COMPLETED. NO ADDITIONAL COMPENSATION WILL BE MADE IF THE SAWING METHOD IS USED.

**908 MULCHING NOTES**

THE PROPOSED MULCHING SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ITEM 908 "MULCHING" AS STATED ON PAGE 334 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED NOVEMBER 2, 2009.

THIS ITEM SHALL CONSIST OF THE FURNISHING, TRANSPORTING, AND PLACING MULCH OVER THE SEEDED AREA. DISTURBED AREAS OUTSIDE THE GRADING LIMITS SHALL ALSO BE MULCHED AND PARTICIPATION WILL BE THE SAME AS FOR SEEDED AREAS.

908-2.1 MULCH MATERIAL: THE CONTRACTOR MAY EITHER FURNISH STRAW OR HYDROMULCH AS THE TYPE OF MULCH MATERIAL TO BE USED ON THIS PROJECT.

908-3.1 MULCHING: THE HYDRAULIC MULCH SHALL BE APPLIED AS A SLURRY OF 2,500 POUNDS OF MULCH AND NOT LESS THAN 2,500 GALLONS OF WATER PER ACRE.

908-3.4 STRUCTURE CLEANING: AFTER THE PROPOSED MULCH HAS BEEN APPLIED, THE CONTRACTOR WILL CLEAN THE MULCH OFF ALL STRUCTURES (DRAINAGE, ELECTRICAL, LIGHTS, ETC.).

DATE MULCHING COMPLETED\_\_\_\_\_

THE PROPOSED MULCHING WILL BE PAID FOR UNDER ITEMS:  
AR908510 MULCHING \_\_\_\_\_ PER ACRES

**603-BITUMINOUS TACK COAT NOTES:**

THE BITUMINOUS TACK COAT (603) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR603 "BITUMINOUS TACK COAT" AS STATED ON PAGE 254 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED NOVEMBER 2, 2009.

THE PROPOSED BITUMINOUS TACK COAT SHALL BE PLACED ON THE PROPOSED BITUMINOUS PAVEMENT PRIOR TO THE PLACEMENT OF THE NEXT LIFT OF PROPOSED BITUMINOUS MATERIAL.

THE PROPOSED BITUMINOUS TACK COAT WILL BE PAID FOR UNDER ITEM:  
AR603510 BITUMINOUS TACK COAT \_\_\_\_\_ PER GAL.

**620 PAVEMENT MARKING**

THE PROPOSED MARKING SHALL BE COMPLETED IN ACCORDANCE WITH ITEM 620 PAVEMENT MARKING AS STATED ON PAGE 277 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED NOVEMBER 2, 2009.

THE PROPOSED MARKING SHALL BE YELLOW IN COLOR AND SOLID.

NONE OF THE PROPOSED MARKING WILL BE OUTLINED WITH BLACK PAINT.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:  
AR620520 PAVEMENT MARKING-WATERBORNE - PER S.F.

**701-PIPE FOR STORM SEWERS AND CULVERTS**

THE PROPOSED 18" RCC PIPE WILL BE INSTALLED IN ACCORDANCE WITH ITEM 701 AS STATED ON PAGE 302 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED NOVEMBER 2, 2009.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:  
AR701518 18" RCP, CLASS IV - PER L.F.

**752 PRECAST REINFORCED CONCRETE FES**

THIS ITEM OF WORK SHALL CONSIST OF FURNISHING AND INSTALLING TWO PRECAST CONCRETE FLARED END SECTIONS ON THE PROPOSED 18" RCC PIPE. THE END SECTIONS WILL BE INSTALLED IN ACCORDANCE WITH ITEM 752 AS STATED ON PAGE 320 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED NOVEMBER 2, 2009.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:  
AR752418 PRECAST REINFORCED CONC. FES 18" - PER L.F.

**901 SEEDING NOTES**

THE PROPOSED SEEDING SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ITEM 901 "SEEDING" AS STATED ON PAGE 324 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED NOVEMBER 2, 2009.

ALL DISTURBED AREAS LOCATED WITHIN THE PROPOSED GRADING AND SEEDING LIMITS WILL BE SEEDING IN ACCORDANCE WITH THE ABOVE NOTED SPECIFICATION. ALL AREAS OUTSIDE THE DESIGNATED GRADING AND SEEDING LIMITS WILL ALSO BE SEEDING BUT AT THE CONTRACTOR'S OWN EXPENSE.

ALL MATERIALS AND/OR DEBRIS RESULTING FROM THE SEEDING OPERATIONS WILL BE REMOVED FROM THE PAVEMENTS AND MISCELLANEOUS STRUCTURES PRIOR TO OPENING THE RUNWAY.

DATE SEEDING COMPLETED\_\_\_\_\_

THE PROPOSED SEEDING WILL BE PAID FOR UNDER ITEMS:  
AR901510 SEEDING \_\_\_\_\_ PER ACRES

**GENERAL PAVEMENT PREPARATION**

THE EDGES OF THE ENTRANCE ROAD AND THE T-HANGAR PAVEMENT WILL BE SAWED (FULL DEPTH) TO PROVIDE A STRAIGHT EDGE TO ABUT AGAINST AND ELIMINATE AN EDGE ROLL DOWN.

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT LOCATION WHERE THE PAVEMENT EDGE WILL BE SAWED.

THE SAWED MATERIAL WILL BE REMOVED AND DISPOSED OF OFF THE AIRPORT SITE AT THE CONTRACTOR'S OWN EXPENSE.

THE SAWING OF THE PAVEMENT EDGE AND THE REMOVAL OF THE SAWED MATERIAL WILL BE CONSIDERED AS AN INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

**152 UNCLASSIFIED EXCAVATION**

THE PROPOSED UNCLASSIFIED AND BORROW EXCAVATION SHALL BE PLACED IN ACCORDANCE WITH ITEM 152 "EXCAVATION AND EMBANKMENT" AS STATED ON PAGE 58 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED NOVEMBER 2, 2009.

THERE IS INSUFFICIENT UNCLASSIFIED EXCAVATED MATERIAL ON THE AIRPORT SITE FOR THIS PROJECT. THE CONTRACTOR WILL FURNISH BORROW EXCAVATION MATERIAL FROM AN APPROVED OFF SITE BORROW AREA. THE CONTRACTOR WILL FURNISH A PROCTOR FOR THE BORROW MATERIAL USED.

MATERIAL TO BE USED FOR SHOULDERING WILL BE STORED OUTSIDE OF THE PROPOSED PAVEMENT AREA AND WITHIN THE GRADING LIMITS.

THE MATERIAL TO BE USED FOR THE SHOULDERING WILL BE TOPSOIL.

The COMPACTION CONTROL TEST TO BE USED FOR ALL EMBANKMENTS AND EXCAVATION SHALL BE FAA COMPACTION CONTROL TEST T-611 FOR AIRCRAFT WEIGHING LESS THAN 60,000 POUNDS.

THE PROPOSED SHOULDER MATERIAL WILL ONLY REQUIRE "LIGHT COMPACTION" TO THE SATISFACTION OF THE RESIDENT ENGINEER.

ALL EARTHWORK WILL BE CLASSIFIED AS EITHER "UNCLASSIFIED EXCAVATION" OFFSITE BORROW EXCAVATION".

THE PROPOSED UNCLASSIFIED EXCAVATION WILL BE PAID FOR UNDER ITEM:

AR152410 UNCLASSIFIED EXCAVATION \_\_\_\_\_ PER C.Y.

AR153442 OFFSITE BORROW EXCAVATION \_\_\_\_\_ PER C.Y.

**209 CRUSHED AGGREGATE BASE COURSE NOTES**

THE PROPOSED CRUSHED AGGREGATE BASE COURSE MATERIAL WILL BE ACCOMPLISHED IN ACCORDANCE WITH ITEM 209 "CRUSHED AGGREGATE BASE COURSE" AS STATED ON PAGE 93 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED NOVEMBER 2, 2009.

THIS ITEM SHALL CONSIST OF THE PLACEMENT, COMPACTION AND GRADING OF A 6" THICK CRUSHED AGGREGATE BASE COURSE.

THE CONTRACTOR WILL FURNISH A PROCTOR FOR THE CRUSHED AGGREGATE BASE COURSE MATERIAL TO BE USED ON THIS PROJECT.

THE CRUSHED AGGREGATE BASE COURSE WILL BE DESIGNED TO A MARSHALL DESIGN OF LESS THAT 60,000 POUNDS.

THE FINAL COMPACTED CRUSHED AGGREGATE BASE COURSE WILL BE CHECKED WITH A 16-FOOT STRAIGHTEDGE THAT WILL BE RUN LONGITUDINALLY DOWN THE CENTER OTH THE PAVING LANE.

THE PROPOSED CRUSHED AGGREGATE BASE COURSE WILL BE PAID FOR UNDER ITEM:

AR209510 CRUSHED AGGREGATE BASE COURSE \_ \_ \_ PER TON.

**501 CONCRETE SIDEWALK**

THE CONTRACTOR WILL CONSTRUCT A PROPOSED CONCRETE SIDEWALK (4" THICK) AT THE LOCATION SHOWN ON SHEET 11.

THE CONCRETE SHALL BE IN ACCORDANCE WITH ITEM 610 STRUCTURAL PORTLAND CEMENT CONCRETE.

NO REINFORCEMENT WILL BE REQUIRED IN THE CONCRETE.

JOINTING OF THE CONCRETE WILL BE EVERY 4 FOOT.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:  
AR501600 PCC SIDEWALK - PER S.F.

**602-BITUMINOUS PRIME COAT NOTES:**

THE BITUMINOUS PRIME COAT (602) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR602 "BITUMINOUS PRIME COAT" AS STATED ON PAGE 251 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED NOVEMBER 2, 2009.

THE PROPOSED BITUMINOUS PRIME COAT SHALL BE PLACED ON THE PROPOSED CRUSHED AGGREGATE BASE COURSE PRIOR TO THE PLACEMENT OF THE FIRST LIFT OF PROPOSED BITUMINOUS SURFACE COURSE MATERIAL.

THE PROPOSED BITUMINOUS PRIME COAT WILL BE PAID FOR UNDER ITEM:  
AR602510 BITUMINOUS PRIME COAT \_\_\_\_\_ PER GAL.

OLNEY-NOBLE AIRPORT  
OLNEY, ILLINOIS

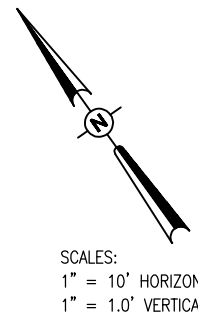
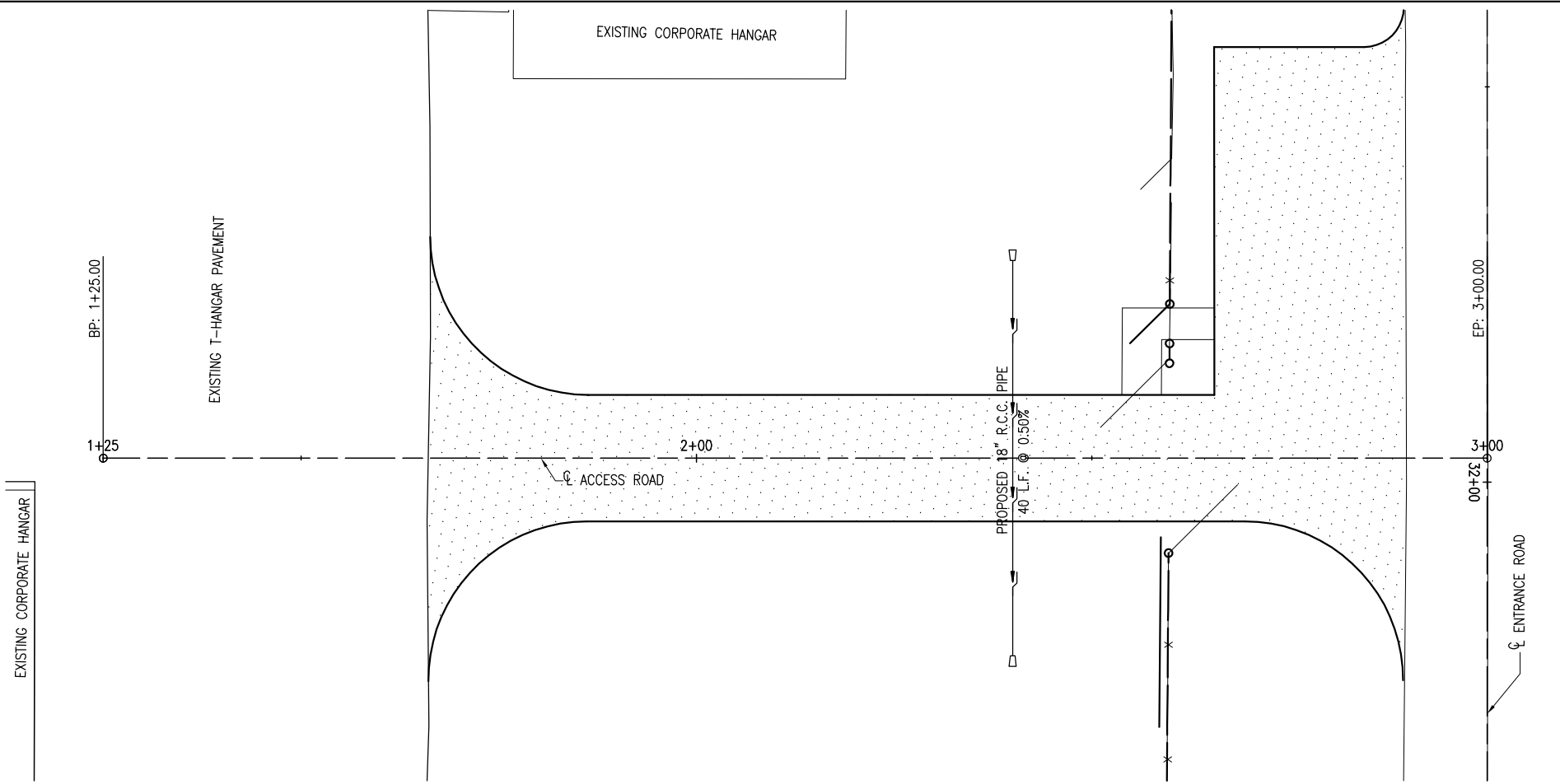
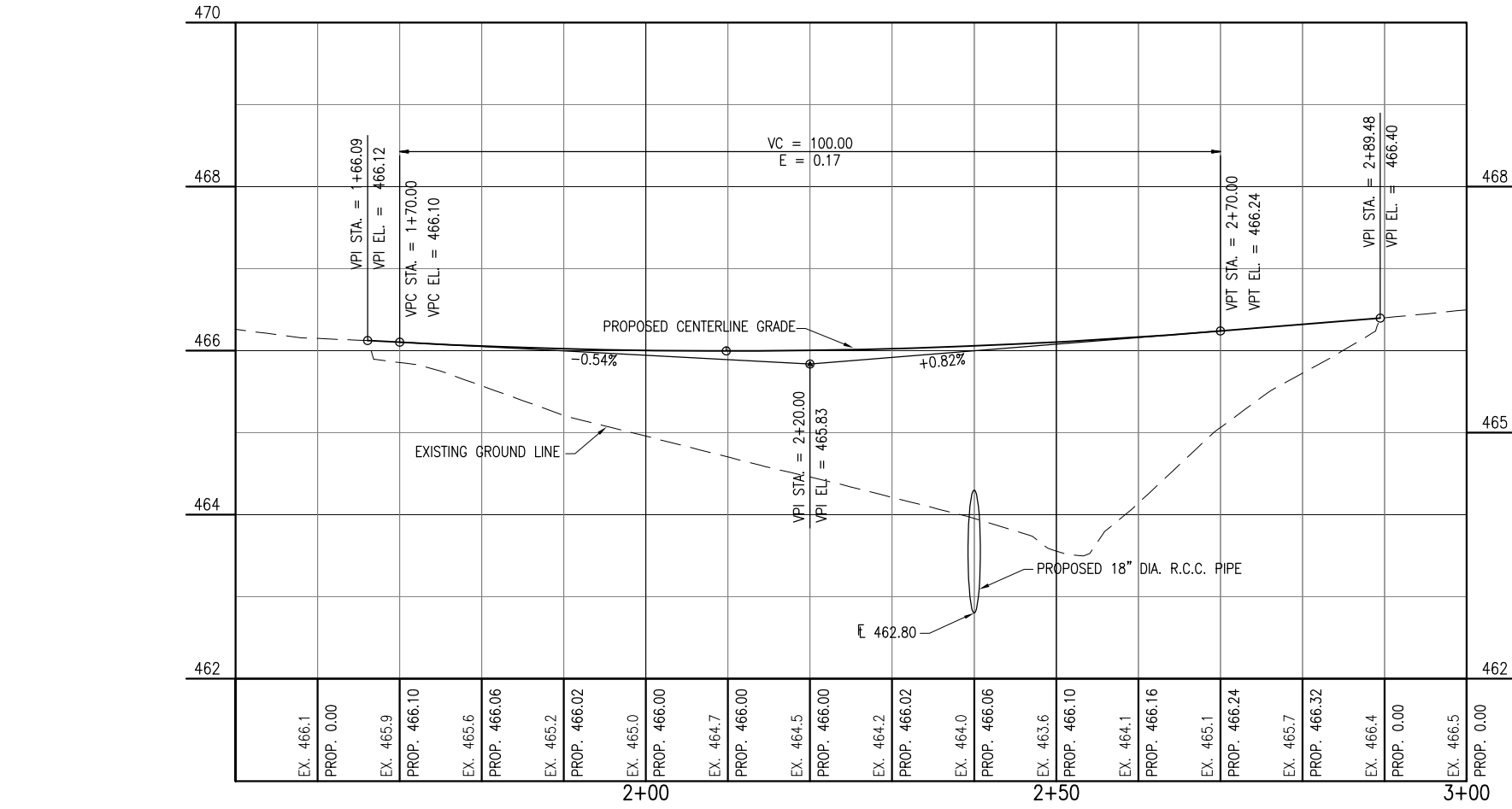
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| DRAWN              | JOO 01/28/10  |
| REVIEWED           | CAH 02/02/10  |



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T-HANGAR ACCESS ROAD  
PROPOSED TYPICAL SECTION AND NOTES

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SCALES:  
 1" = 10' HORIZONTAL  
 1" = 1.0' VERTICAL

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**OLNEY-NOBLE AIRPORT**  
**OLNEY, ILLINOIS**

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**T-HANGAR ACCESS ROAD**  
 PROPOSED  
 PLAN AND PROFILE



**PROPOSED GRADING PLAN**

ACCESS ROAD  
 CUT - 72 C.Y. FILL - 185 C.Y.

PARKING LOT  
 CUT - 7.0 C.Y.

TOTAL CUT - 79 C.Y.

TOTAL FILL - 185 C.Y.  
 SHRINKAGE/LOSS - 46 C.Y.  
 TOTAL FILL - 231 C.Y.

BORROW EXCAVATION  
 FILL - 231 C.Y.  
 CUT - 79 C.Y.  
 TOTAL - 152 C.Y.

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**OLNEY-NOBLE AIRPORT  
 OLNEY, ILLINOIS**

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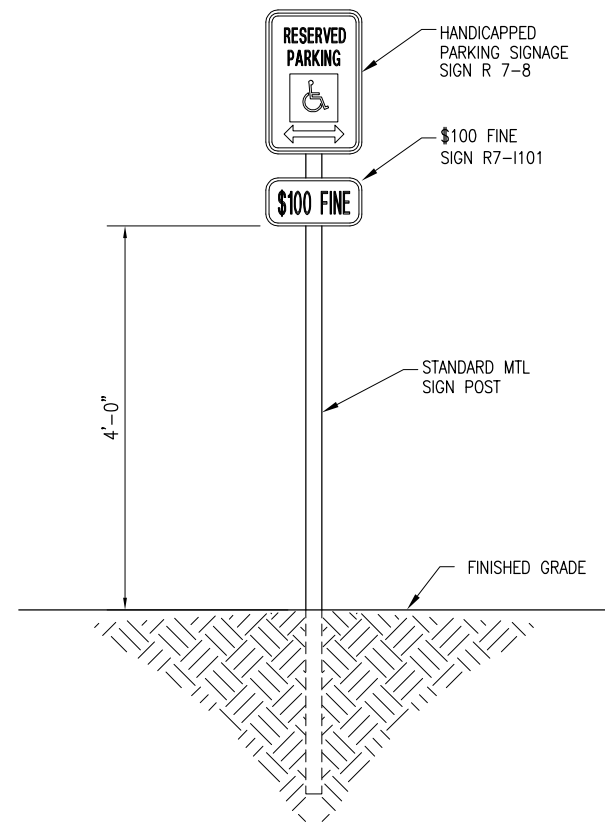
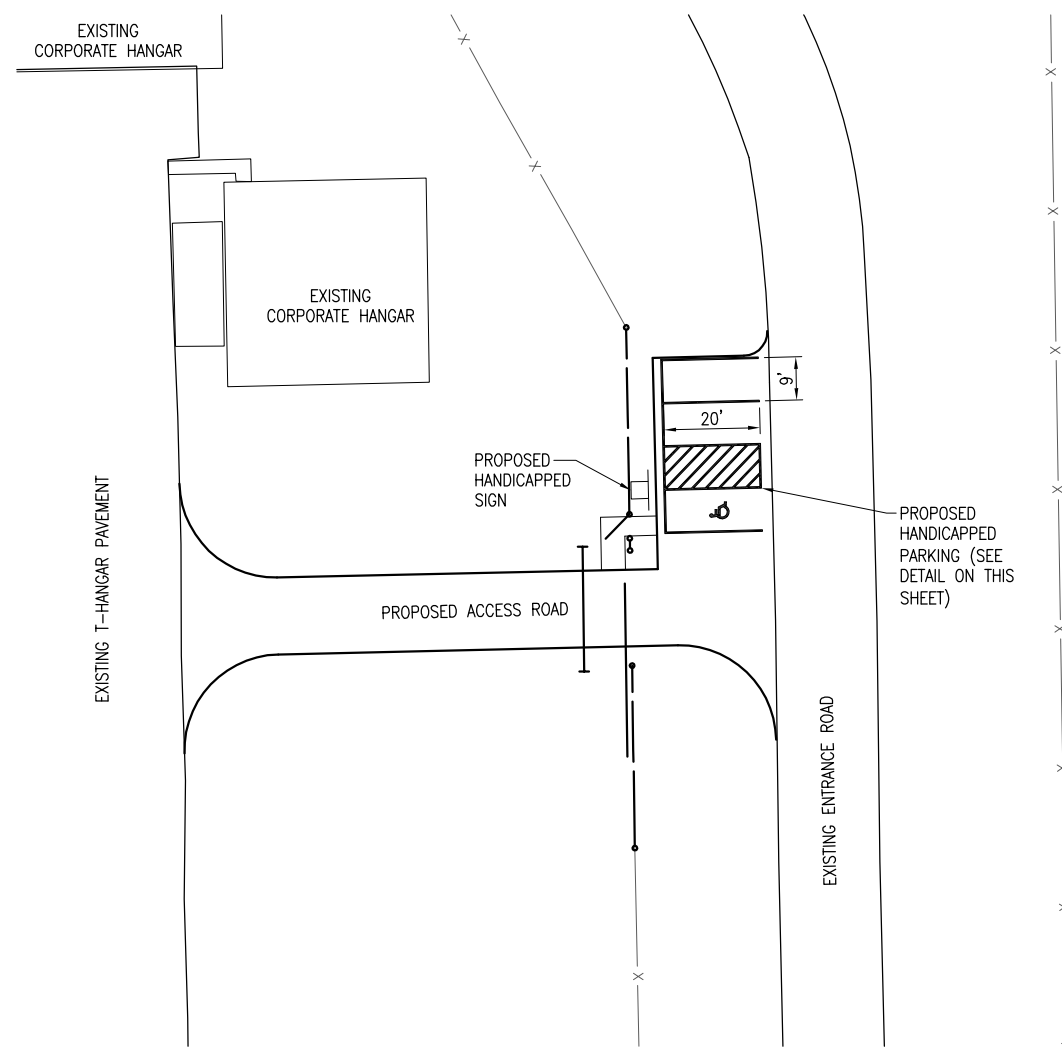
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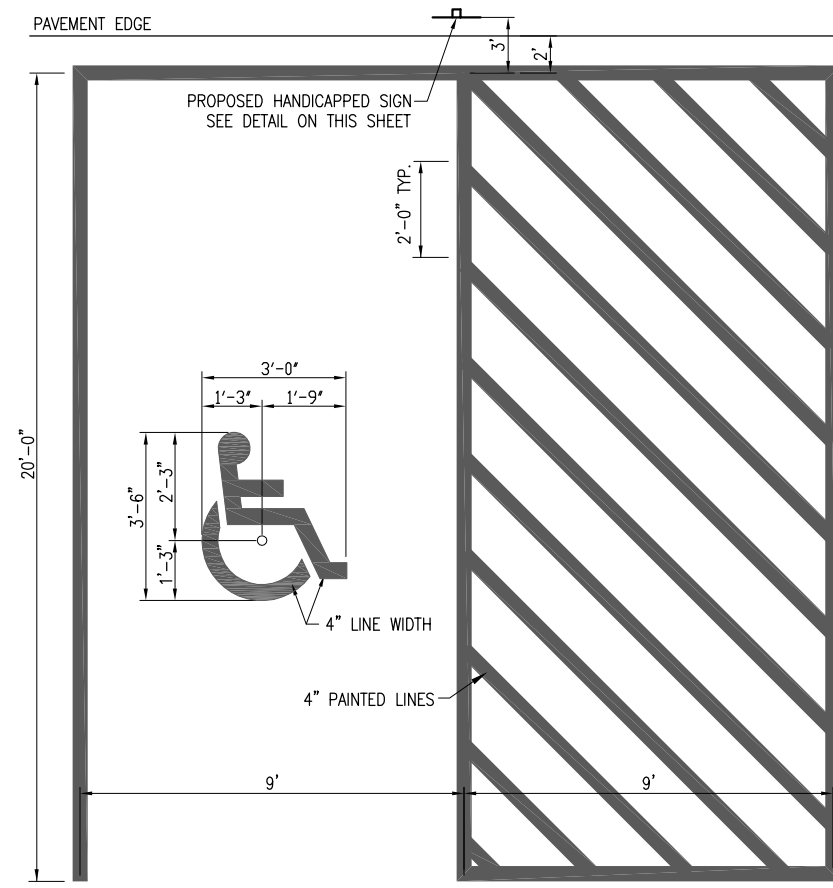
**T-HANGAR  
 ACCESS ROAD**

**PROPOSED  
 GRADING  
 PLAN**

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**HANDICAPPED SIGNAGE**  
"NOT TO SCALE"



**TYPICAL HANDICAP PARKING SPACE PAINT STRIPING**  
"NOT TO SCALE"

NOTE: CENTER SYMBOL IN STALL.

**620-PAVEMENT MARKING-WATERBORNE NOTES**

THE PAVEMENT MARKING-WATERBORNE (620) SHALL BE PLACED IN ACCORDANCE WITH ITEM 620 "PAVEMENT MARKING" AS STATED ON PAGE 277 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED NOV. 2, 2009.

THIS ITEM SHALL CONSIST OF PARKING STALL MARKING IN ACCORDANCE WITH THESE SPECIFICATIONS AND AT THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS. ALL MARKING WILL BE YELLOW IN COLOR. THE PROPOSED PAVEMENT MARKING WILL BE APPLIED IN TWO APPLICATIONS.

ANY MATERIAL DELIVERED THAT FAILS TO MEET THE SPECIFICATIONS SHALL BE DISPOSED OF BY THE VENDOR AND IMMEDIATELY REPLACED WITH ACCEPTABLE MATERIAL ENTIRELY AT THE VENDOR'S EXPENSE, INCLUDING HANDLING AND TRANSPORTATION CHARGES.

ALL PROPOSED MARKING WILL BE COMPLETED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE CONSTRUCTION PLANS.

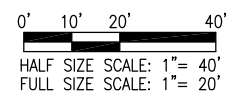
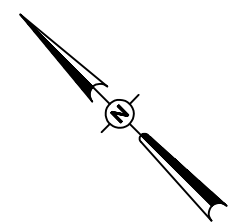
GLASS BEADS SHALL BE REQUIRED ONLY ON THE SECOND APPLICATION OF YELLOW MARKING.

CUT-OFF SHEETS WILL BE REQUIRED TO INSURE STRAIGHT EDGES.

THE PROPOSED MARKING WILL BE PAID FOR UNDER ITEM:  
AR620520 PAVEMENT MARKING-WATERBORNE \_\_\_\_ 79 S.F.

**LEGEND**

- EXISTING IMPROVEMENTS
- EXISTING BUILDINGS
- PROPOSED IMPROVEMENTS
- EXISTING FENCE
- PROPOSED FENCE
- PROPOSED MARKING

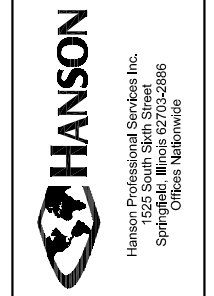


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OLNEY-NOBLE AIRPORT  
OLNEY, ILLINOIS

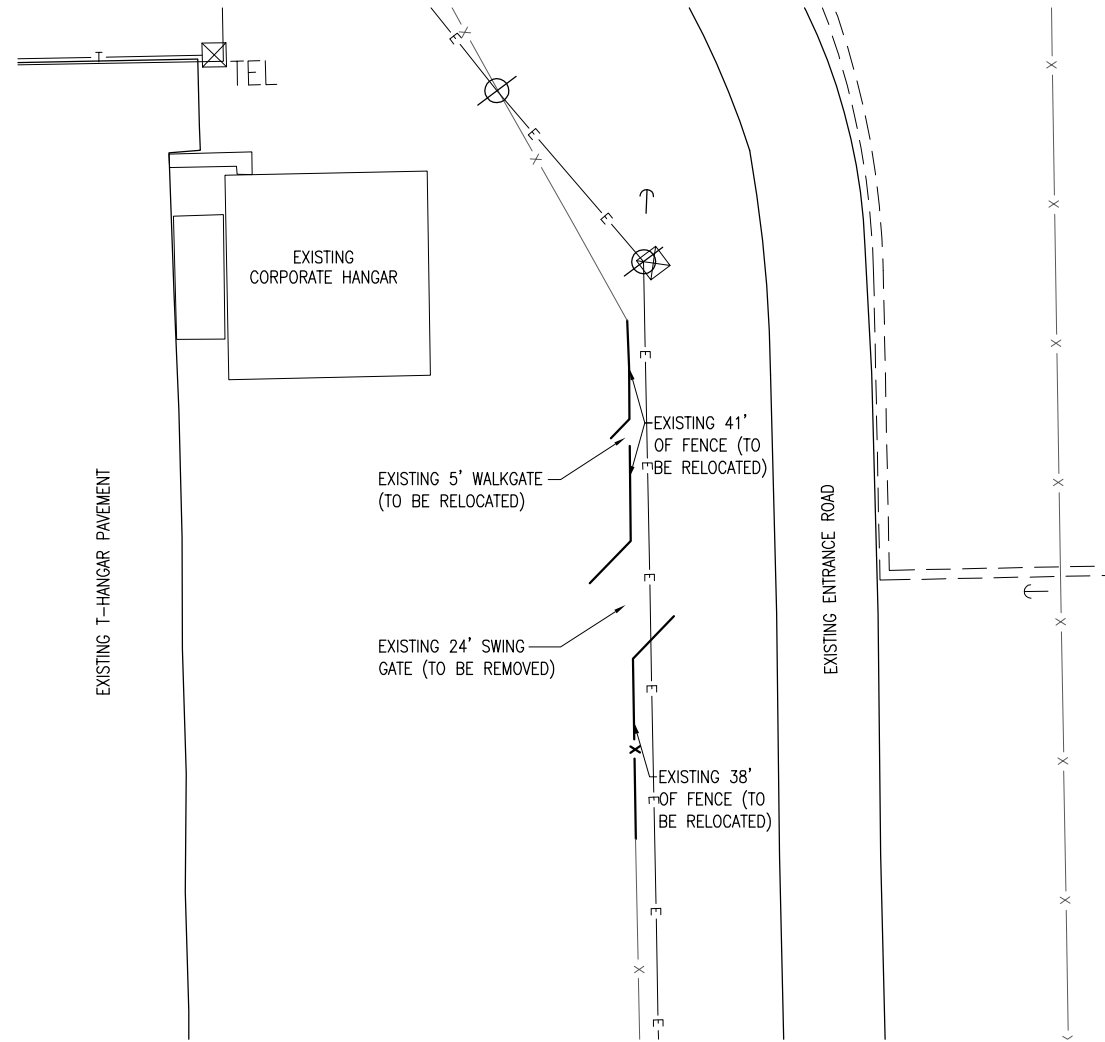
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T-HANGAR  
ACCESS ROAD

PROPOSED  
MARKING  
PLAN



**EXISTING FENCING**

**162 RELOCATE CLASS E FENCE**

THIS ITEM OF WORK SHALL CONSIST OF RELOCATING THE DESIGNATED SECTION OF CLASS E FENCE AND WALKGATE IN ACCORDANCE WITH ITEM 162 AS STATED ON PAGE 294 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED NOVEMBER 2, 2009.

THE CONTRACTOR WILL REMOVE THE DESIGNATED SECTIONS OF 6' TALL CLASS E FENCE AND WALKGATE. HE WILL STORE EVERYTHING EXCEPT THE POSTS WHICH WILL BE DISPOSED OF OFF THE AIRPORT SITE AT THE CONTRACTOR'S OWN EXPENSE.

ONCE THE GRADING HAS BEEN COMPLETED THE CONTRACTOR WILL RE-INSTALL THE EXISTING CLASS E FENCE AND WALKGATE USING NEW POSTS.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:  
AR162960 RELOCATE CLASS E FENCE - PER L.F.  
AR162964 RELOCATE GATE - PER L.F.

**162 REMOVE GATE**

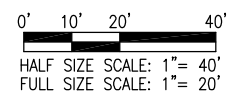
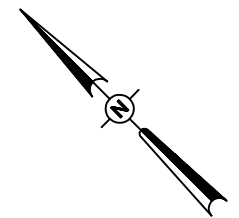
THIS ITEM OF WORK SHALL CONSIST OF REMOVING THE EXISTING CLASS E GATE - 24" IN ACCORDANCE WITH ITEM 162 AS STATED ON PAGE 294 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED NOVEMBER 2, 2009.

THE CONTRACTOR WILL REMOVE THE EXISTING 24' CLASS E GATE. HE WILL TURN OVER THE GATE TO THE AIRPORT MANAGER AND DISPOSED OF THE GATE POSTS OFF THE AIRPORT SITE AT HIS OWN EXPENSE.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:  
AR162905 REMOVE GATE - PER EACH.

**LEGEND**

- EXISTING IMPROVEMENTS
- EXISTING BUILDINGS
- PROPOSED IMPROVEMENTS
- EXISTING FENCE
- EXISTING FENCE (TO BE RELOCATED)



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**OLNEY-NOBLE AIRPORT  
OLNEY, ILLINOIS**

IL. PROJ.: 01Y-3926      A.I.P. PROJ.: 3-17-0076-B9

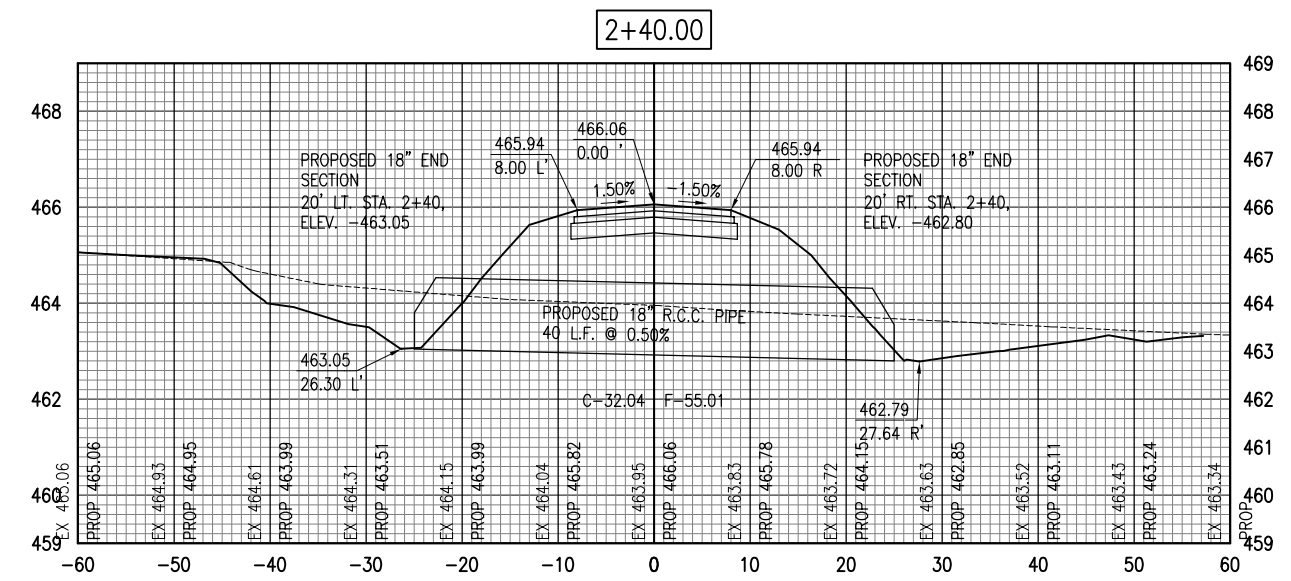
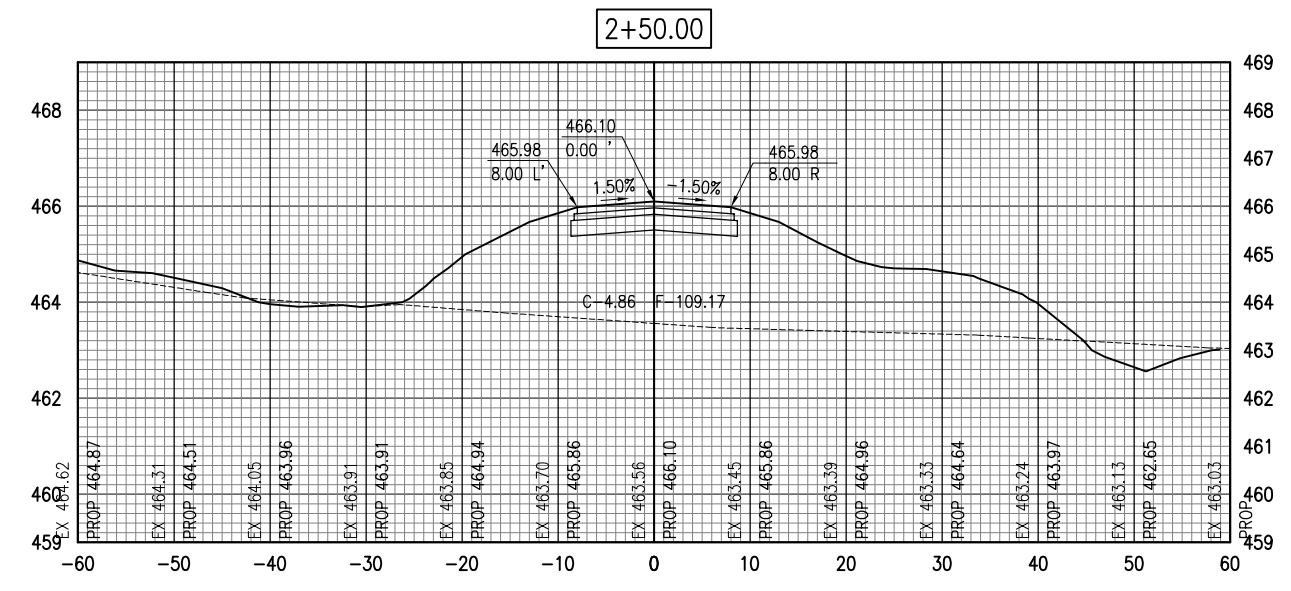
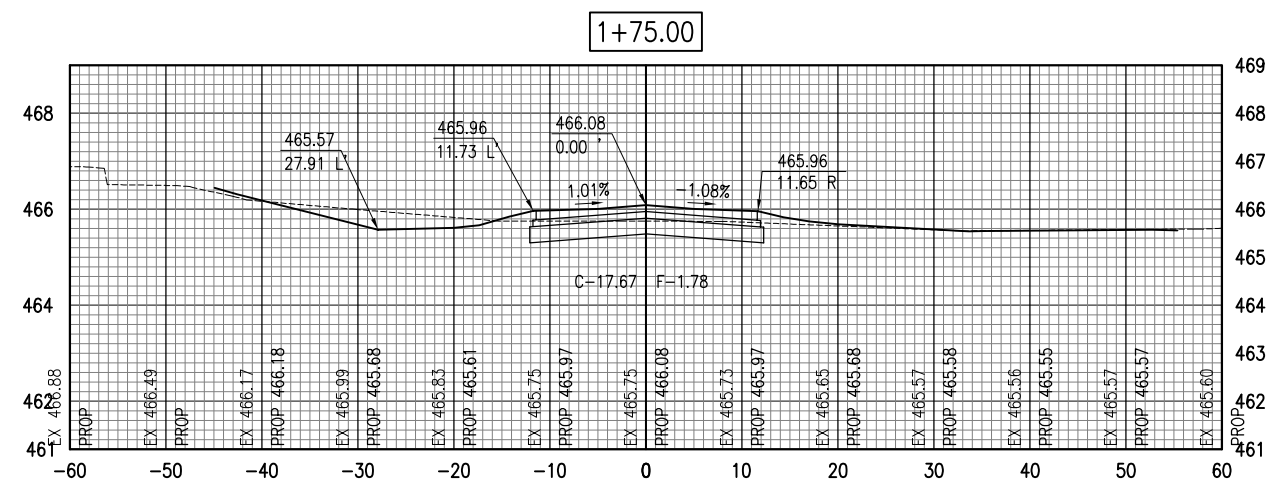
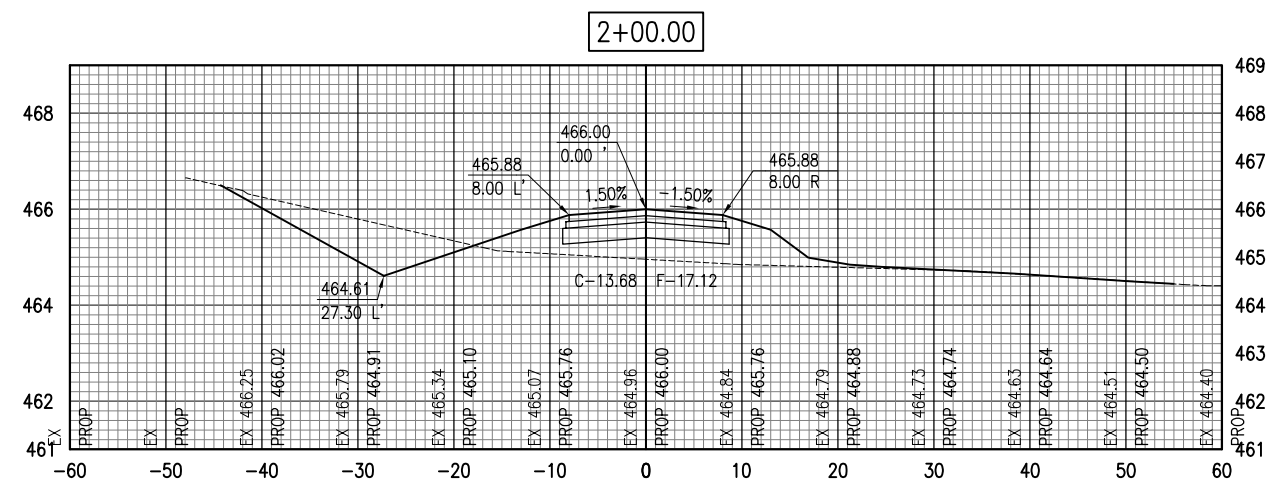
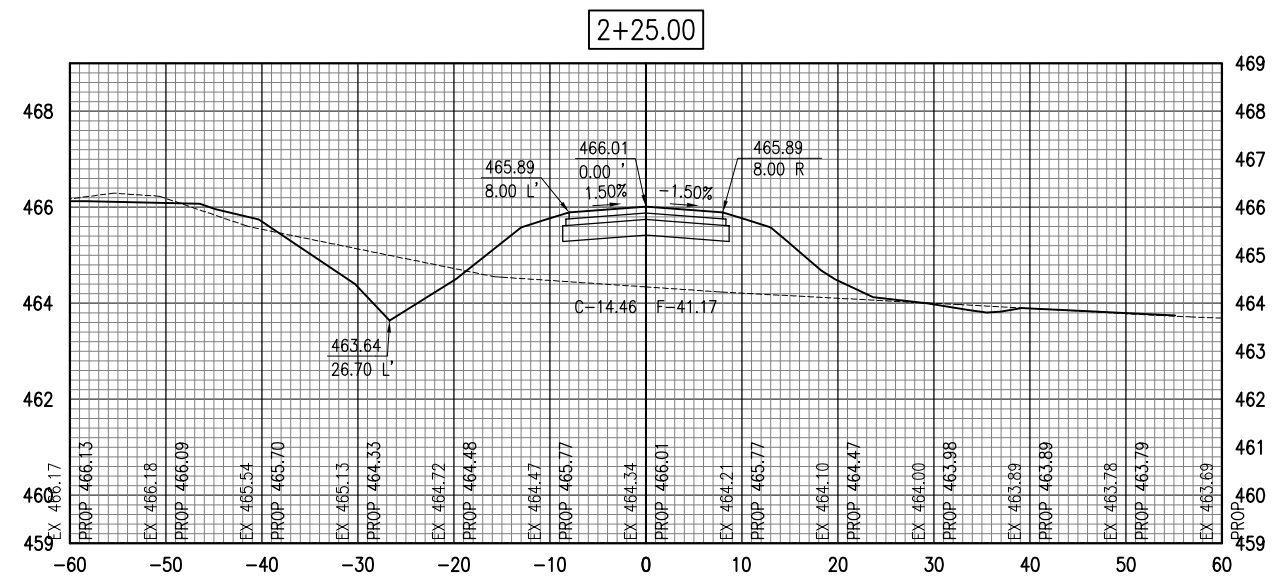
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**T-HANGAR  
ACCESS ROAD  
EXISTING  
FENCING  
PLAN**



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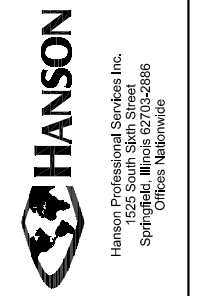


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**OLNEY-NOBLE AIRPORT  
 OLNEY, ILLINOIS**

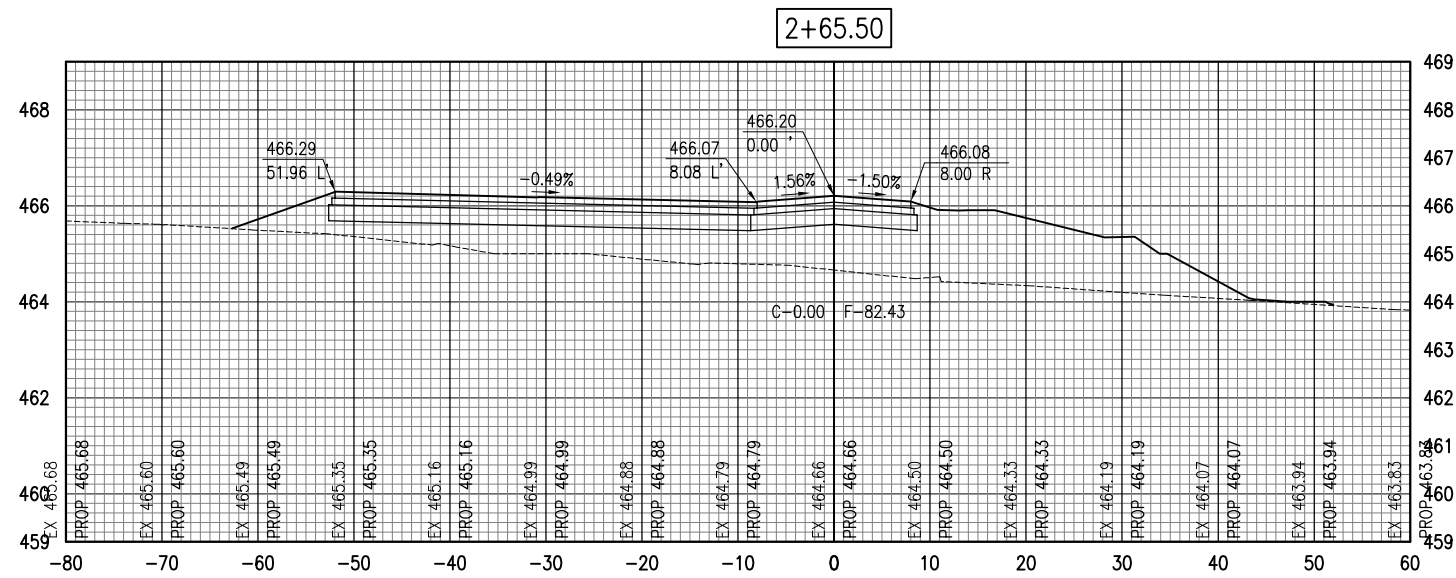
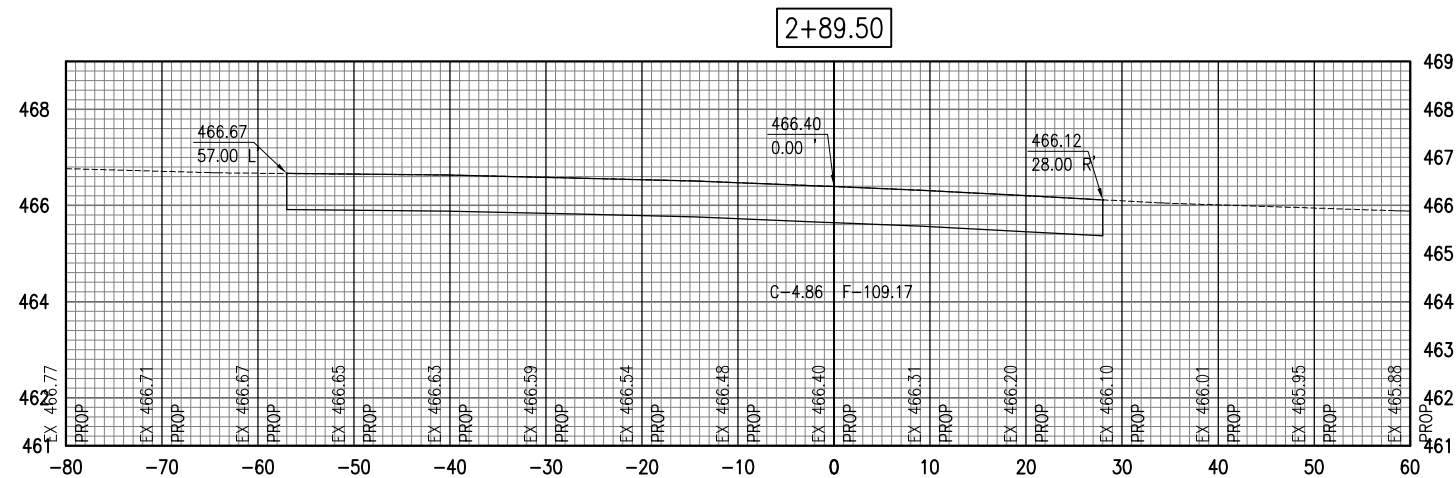
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| Hanson Project No. 09A0146D_0800 | FILENAME R-XSEC2.DWG | SCALE 1" = 10' | DATE 11/05/09 |
| LAYOUT                           | JEO                  | 11/05/09       |               |
| DRAWN                            | JEO                  | 11/05/09       |               |
| REVIEWED                         | CAH                  | xx/xx/xx       |               |



**T-HANGAR  
 ACCESS ROAD**

PROPOSED-T-HANGAR ACCESS  
 ROAD CROSS-SECTIONS  
 STA. 1+75 TO STA. 2+50



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**OLNEY-NOBLE AIRPORT  
 OLNEY, ILLINOIS**

|                                  |              |
|----------------------------------|--------------|
| Hanson Project No. 09A0146D_0800 |              |
| Filename                         | R-XSEC2.DWG  |
| Scale                            | 1" = 10'     |
| Date                             | 11/05/09     |
| LAYOUT                           | JEO 11/05/09 |
| DRAWN                            | JEO 11/05/09 |
| REVIEWED                         | CAH xx/xx/xx |



**T-HANGAR  
 ACCESS ROAD**  
 PROPOSED T-HANGAR ACCESS  
 ROAD CROSS-SECTIONS  
 STA. 2+65.5 TO STA. 2+89.5