

CONSTRUCTION PLANS FOR COLES COUNTY MEMORIAL AIRPORT MATTOON-CHARLESTON, COLES COUNTY, ILLINOIS

RECONSTRUCT ARFF ROAD; PAVEMENT REPAIRS IN FRONT OF HANGARS "B" & "C"

SCOPE OF WORK

THIS PROJECT CONSISTS OF RECONSTRUCTING THE BITUMINOUS PAVEMENT ASSOCIATED WITH THE AIRCRAFT RESCUE AND FIRE FIGHTING (ARFF) BUILDING. PROJECT ALSO INCLUDES SOME CONCRETE PAVEMENT REPAIRS IN FRONT OF HANGARS "B" & "C".



LOCATION

ILL. PROJ.: MTO-4127
A.I.P. PROJ.: 3-17-0066-B28
LATITUDE: 39° 28' 40"
LONGITUDE: 88° 16' 45"
ELEVATION: 721.0' M.S.L.
DATE: APRIL 17, 2012



REVISED: 04/24/2012



Submitted by: *Charles A. Hagloch* ENG'R
Date Submitted: APRIL 24, 2012
Lic. Exp. Date: NOVEMBER 30, 2013

COLES COUNTY AIRPORT AUTHORITY

Approved: *Roger A. Altro* CHAIRMAN
Date: *4-13-12*
Approved: *Chris J. F...* AIRPORT DIRECTOR
Date: *4-13-2012*



LOCATION OF COUNTY

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Hanson Proj. No. 11A00770	
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OVERLAY ARFF ROAD
AND APRON REPAIRS
COVER SHEET

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	F-S-L QUANTITIES	F-L QUANTITIES	AS BUILT QUANTITIES
AR150510	ENGINEER'S FIELD OFFICE	L.S.	1		
AR150520	MOBILIZATION	L.S.	1		
AR152480	SHOULDER ADJUSTMENT	S.Y.	861		
AR162960	RELOCATE CLASS E FENCE	L.F.	40		
AR162962	RELOCATE GATE - 24'	EA.	1		
AR201661	CLEAN & SEAL BITUMINOUS CRACKS	L.F.	547		
AR401613	BIT. SURF. CSE.-METHOD I, SUPERPAVE	TON	390		
AR401650	BITUMINOUS PAVEMENT MILLING	S.Y.	1,649		
AR401655	BUTT JOINT CONSTRUCTION	S.Y.	347		
AR401910	REMOVE & REPLACE BIT. PAVEMENT	S.Y.	124		
AR501910	REMOVE & REPLACE PCC PAVEMENT	S.Y.		42	
AR603510	BITUMINOUS TACK COAT	GAL	488		
AR605540	CLEAN & SEAL JOINTS	L.F.		900	
AR605541	CLEAN & SEAL CRACKS	L.F.		393	
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	96		
AR901510	SEEDING	ACRE	0.2		
AR908510	MULCHING	ACRE	0.2		

INDEX TO SHEETS

SHEET NUMBER	SHEET TITLE
1	COVER SHEET
2	SUMMARY OF QUANTITIES AND INDEX TO SHEETS
3	PROPOSED SAFETY PLAN
4	SUMMARY OF QUANTITIES FOR ARFF ROAD
5	PROPOSED ARFF ROAD CONSTRUCTION PLAN
6	PROPOSED ARFF ROAD PAVEMENT PREPARATION PLAN
7	PROPOSED ARFF ROAD GRADING AND MARKING PLAN
8	PROPOSED CROSS-SECTIONS FOR ARFF ROAD STA. 0+28 TO STA. 1+00
9	PROPOSED CROSS-SECTIONS FOR ARFF ROAD STA. 1+25 TO STA. 2+00
10	PROPOSED CROSS-SECTIONS FOR ARFF ROAD STA. 2+25 TO STA. 3+00
11	PROPOSED CROSS-SECTIONS FOR ARFF ROAD STA. 3+25 TO STA. 4+00
12	PROPOSED CROSS-SECTIONS FOR ARFF ROAD STA. 4+25 TO STA. 5+00
13	PROPOSED CROSS-SECTIONS FOR ARFF ROAD STA. 5+25 TO STA. 6+00
14	PROPOSED CROSS-SECTIONS FOR ARFF ROAD STA. 6+25 TO STA. 7+00
15	PROPOSED CROSS-SECTIONS FOR ARFF ROAD STA. 7+25 TO STA. 8+00
16	PROPOSED CROSS-SECTIONS FOR ARFF ROAD STA. 8+25 TO STA. 8+89
17	PROPOSED CROSS-SECTIONS FOR ARFF ROAD STA. 9+08 TO STA. 9+75
18	PROPOSED CROSS-SECTIONS FOR ARFF ROAD STA. 10+00 TO STA. 10+15
19	SUMMARY OF QUANTITIES FOR PVMNT. REPAIRS IN FRONT OF HGRS. B & C
20	PROPOSED PAVEMENT PREPARATION PLAN FOR APRON

DATE	REVISION
04/18/12	REVISED AS PER IDA REVIEW



ILL. PROJ.: MTO-4127 A.I.P. PROJ.: 3-17-0066-B28

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OVERLAY ARFF ROAD AND APRON REPAIRS

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 HAUL ROUTE, VEHICLE PARKING, AND EQUIPMENT & MATERIAL STORAGE AREAS AS SHOWN ON THIS SHEET. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE PROPOSED HAUL ROUTE, AND EQUIPMENT & MATERIAL STORAGE 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 HAUL ROUTE, AND EQUIPMENT & MATERIAL STORAGE AREA AS NEEDED TO RESTORE IT TO ITS' ORIGINAL STATE. RESTORATION OF THE HAUL ROUTE, AND EQUIPMENT & MATERIAL STORAGE AREA WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

CONTRACTOR RESPONSIBILITIES

THE CONTRACTOR'S EQUIPMENT PARKING AND STORAGE AREA WILL BE 200' X 200' AND WILL BE AS SHOWN ON THIS SHEET. THE CONTRACTOR'S EMPLOYEES WILL PARK THEIR VEHICLES IN THE EMPLOYEE PARKING AREA SHOWN. 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.

ALL RUNWAYS WILL REMAIN OPEN AT ALL TIMES AND THE CONTRACTOR WILL MAINTAIN CONTINUOUS TAXIWAY ACCESS TO ALL HANGARS AND ADMINISTRATIVE AREAS (OTHER THAN THOSE BEING WORKED ON).

ALL WORK PERFORMED SHALL BE DONE IN A ORDERLY AND EFFECTIVE MANNER TO MINIMIZE TAXIWAY D CLOSURE AND MAXIMIZE ACCESS TO HANGARS B & C.

NO TRENCHES OR HOLES WILL REMAIN OPEN OVERNIGHT.







NO RUNWAY SHALL BE CLOSED OVERNIGHT.

BARRICADES

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES AS SHOWN AND AS DIRECTED BY THE AIRPORT MANAGER. THE BARRICADES WILL BE EQUIPPED WITH RED FLASHING OR RED STEADY-BURN 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.

WHILE PERFORMING PAVEMENT REPAIRS IN FRONT OF HANGARS B 7 C, NO CONTRACTOR'S PERSONNEL AND EQUIPMENT OR BARRICADES WILL BE ALLOWED WITHIN 40 FEET OF A DESIGNATED ACTIVE TAXILANE CENTERLINE.

LEGEND

-  EXISTING IMPROVEMENTS
-  PROPOSED IMPROVEMENTS
-  EXISTING BUILDINGS
-  PROPOSED HAUL ROUTE AND EQUIPMENT PARKING AREA
-  PROPOSED BENCHMARK
-  PROPOSED BARRICADES

SCOPE OF WORK

THIS PROJECT CONSISTS OF RECONSTRUCTING THE BITUMINOUS PAVEMENT ASSOCIATED WITH THE AIRCRAFT RESCUE AND FIRE FIGHTING (ARFF) BUILDING. PROJECT ALSO INCLUDES SOME CONCRETE PAVEMENT REPAIRS IN FRONT OF HANGARS "B" & "C".

AIRPORT SECURITY NOTE

AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR WILL CLOSE AND LOCK THE EXISTING GATE IN THE HAUL ROUTE AT THE END OF EACH WORKING DAY.

HEIGHT OF CONSTRUCTION EQUIPMENT

THE MAXIMUM ANTICIPATED HEIGHT OF THE CONSTRUCTION EQUIPMENT WILL BE 25 FEET. THE TALLEST EQUIPMENT IS EXPECTED TO BE A DUMP TRUCK.

NOTE

ALL CONSTRUCTION/OPERATIONS ARE TO BE PERFORMED IN ACCORDANCE WITH FAA ADVISORY CIRCULAR (AC) 150/5370-2F "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION" AND AC 150/5300-13 "AIRPORT DESIGN".

BENCHMARK DATA		
NO.	DESCRIPTION	ELEV.
1	CHISELED "□" ON CONCRETE HEADWALL AT THE NORTHWEST QUADRANT OF INTERSECTION OF TAXIWAY "D" & ARFF ACCESS ROAD	704.64
2	CHISELED "X" ON NORTH FLANGE BOLT ON FIRE HYDRANT APPROXIMATELY 50'± SOUTH OF ARFF BUILDING	703.67

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.

CO058

CRITICAL POINT DATA

CRITICAL POINT #1
LATITUDE: 39° 28' 52.12"
LONGITUDE: 88° 16' 31.77"
ELEVATION: 710.47 M.S.L.

CRITICAL POINT #2
LATITUDE: 39° 28' 51.30"
LONGITUDE: 88° 16' 39.05"
ELEVATION: 703.32 M.S.L.

CRITICAL POINT #3
LATITUDE: 39° 28' 54.41"
LONGITUDE: 88° 16' 52.92"
ELEVATION: 709.63 M.S.L.

J.U.L.I.E. INFORMATION

COUNTY _____ COLES
CITY _____ MATTOON
TOWNSHIP _____ LAFAYETTE
SECTION NO. _____ 14, 15, 22 & 23
ADDRESS _____ COLES COUNTY MEMORIAL AIRPORT
432 AIRPORT ROAD
MATTOON, ILLINOIS 61938

PROPOSED SAFETY PLAN

GENERAL - THE COLES COUNTY MEMORIAL AIRPORT IS COMPRISED OF TWO RUNWAYS. THE PROPOSED CONSTRUCTION WILL NOT NECESSITATE CLOSING ANY RUNWAYS. TAXIWAY "D" WILL BE CLOSED WHENEVER THE CONTRACTOR IS WORKING WITHIN 93' OF TAXIWAY "D" CENTERLINE. THE TAXIWAY WILL BE CLOSED ONLY DURING THE CONSTRUCTION DAY. AT THE END OF EACH CONSTRUCTION DAY THE CONTRACTOR WILL SMOOTH GRADE ALL AREAS BETWEEN THE AIRCRAFT OPERATION LINE AND TAXIWAY D TO THE SATISFACTION OF THE RESIDENT ENGINEER AND RE-OPEN THE TAXIWAY. ALL WORK INCLUDED IN OPENING AND CLOSING THE TAXIWAY WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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 (122.70 MHz.) WITH THE AIRPORT UNICOM. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE COLES COUNTY MEMORIAL 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.

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 STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS NOV. 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 WIRELESS 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.

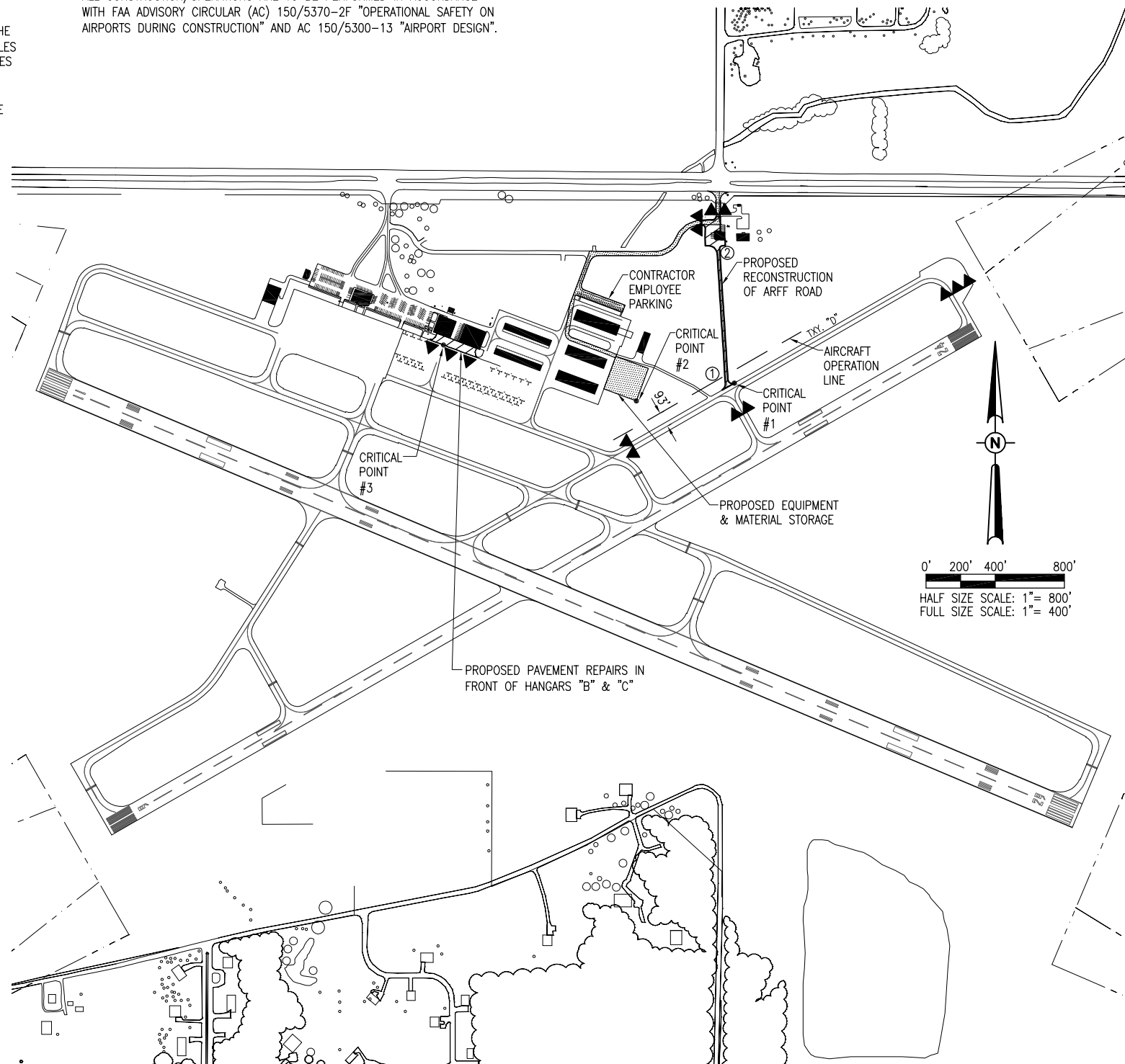
THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE PAID FOR UNDER ITEMS: AR150510 ENGINEER'S FIELD OFFICE _____ 1 L.S.


EROSION CONTROL

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

AIRCRAFT OPERATION LINE

THE CONTRACTOR WILL LOCATE THIS LINE AT THE START OF CONSTRUCTION AND WILL PLACE FLAGGED LATHE EVERY 150' ALONG IT. THIS LINE WILL BE THE LIMITS THAT ALL CONTRACTOR PERSONNEL MAY VENTURE WHEN A TAXIWAY IS NOT CLOSED. THE CONTRACTOR WILL MAINTAIN THE LATHE LINE.



	REVISION 04/18/12 REVISED AS PER IDA REVIEW
	DATE 04/18/12
A.I.P. PROJ.: 3-17-0066-B28 I.L. PROJ.: MTO-4127	
HANSON Professional Services Inc. 2012 1525 South Sixth Street Springfield, Illinois 62703-2986 Ph: (217) 788-2450 Fax: (217) 788-2503 www.hanson-inc.com Offices Nationwide	HANSON PROJ. NO. 11A0077D Filename: G-BG-BRDR010WVG Scale: 1" = 400' Date: XX/XX/11
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OVERLAY ARFF ROAD AND APRON REPAIRS	PROPOSED SAFETY PLAN
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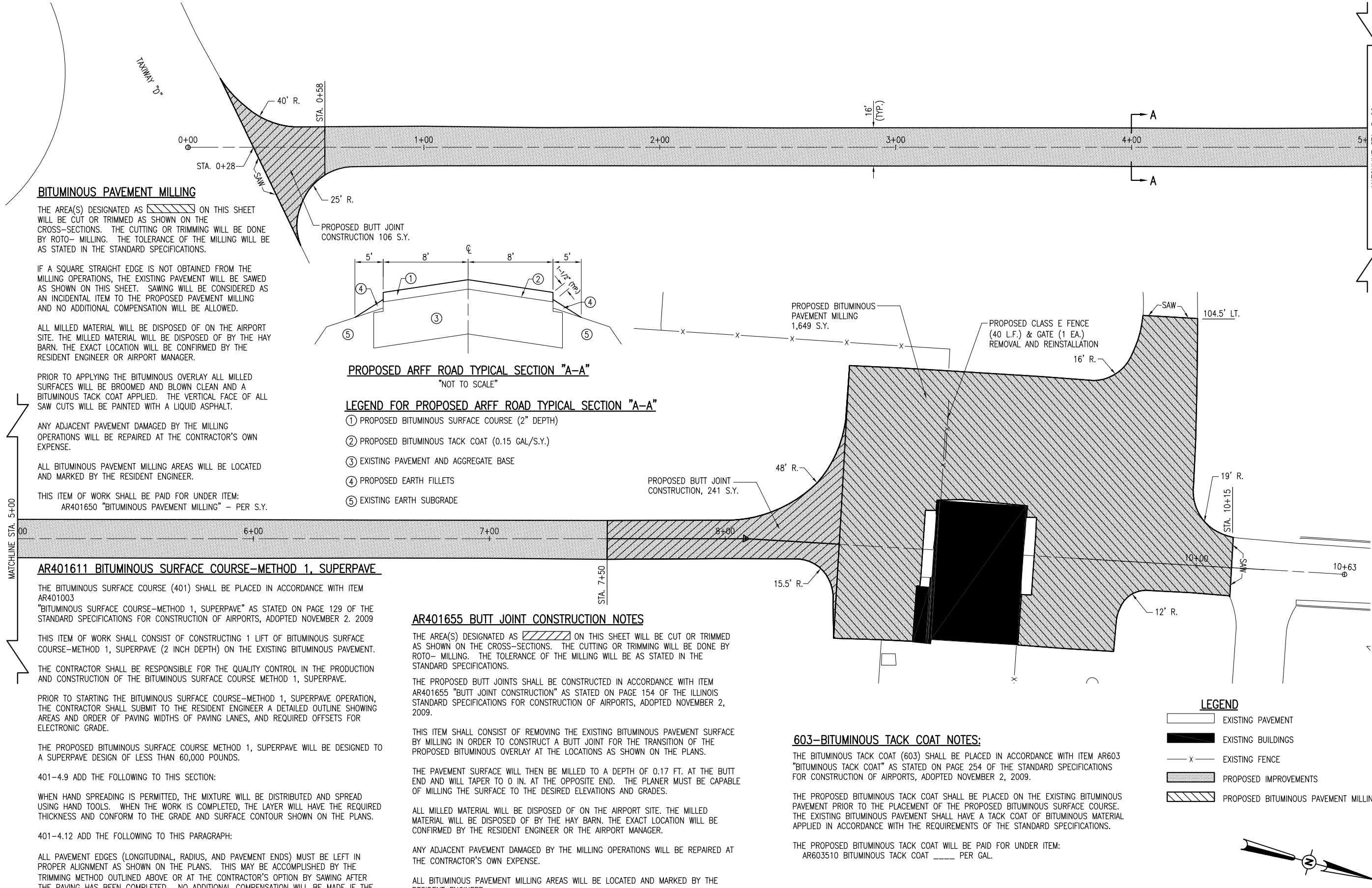
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OVERLAY ARFF ROAD AND APRON REPAIRS

PROPOSED ARFF ROAD CONSTRUCTION PLAN



BITUMINOUS PAVEMENT MILLING

THE AREA(S) DESIGNATED AS [Hatched Pattern] ON THIS SHEET WILL BE CUT OR TRIMMED AS SHOWN ON THE CROSS-SECTIONS. 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 SAWS 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 ON THE AIRPORT SITE. THE MILLED MATERIAL WILL BE DISPOSED OF BY THE HAY BARN. THE EXACT LOCATION WILL BE CONFIRMED BY THE RESIDENT ENGINEER OR AIRPORT MANAGER.

PRIOR TO APPLYING THE BITUMINOUS OVERLAY ALL MILLED SURFACES 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: AR401650 "BITUMINOUS PAVEMENT MILLING" - PER S.Y.

PROPOSED ARFF ROAD TYPICAL SECTION "A-A"
 "NOT TO SCALE"

LEGEND FOR PROPOSED ARFF ROAD TYPICAL SECTION "A-A"

- ① PROPOSED BITUMINOUS SURFACE COURSE (2" DEPTH)
- ② PROPOSED BITUMINOUS TACK COAT (0.15 GAL/S.Y.)
- ③ EXISTING PAVEMENT AND AGGREGATE BASE
- ④ PROPOSED EARTH FILLETS
- ⑤ EXISTING EARTH SUBGRADE

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 STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED NOVEMBER 2, 2009

THIS ITEM OF WORK SHALL CONSIST OF CONSTRUCTING 1 LIFT OF BITUMINOUS SURFACE COURSE-METHOD 1, SUPERPAVE (2 INCH DEPTH) ON THE EXISTING BITUMINOUS PAVEMENT.

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, AND REQUIRED OFFSETS FOR ELECTRONIC GRADE.

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.

AR401655 BUTT JOINT CONSTRUCTION NOTES

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

THE PROPOSED BUTT JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ITEM AR401655 "BUTT JOINT CONSTRUCTION" AS STATED ON PAGE 154 OF THE ILLINOIS STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED NOVEMBER 2, 2009.

THIS ITEM SHALL CONSIST OF REMOVING THE EXISTING BITUMINOUS PAVEMENT SURFACE BY MILLING IN ORDER TO CONSTRUCT A BUTT JOINT FOR THE TRANSITION OF THE PROPOSED BITUMINOUS OVERLAY AT THE LOCATIONS AS SHOWN ON THE PLANS.

THE PAVEMENT SURFACE WILL THEN BE MILLED TO A DEPTH OF 0.17 FT. AT THE BUTT END AND WILL TAPER TO 0 IN. AT THE OPPOSITE END. THE PLANER MUST BE CAPABLE OF MILLING THE SURFACE TO THE DESIRED ELEVATIONS AND GRADES.

ALL MILLED MATERIAL WILL BE DISPOSED OF ON THE AIRPORT SITE. THE MILLED MATERIAL WILL BE DISPOSED OF BY THE HAY BARN. THE EXACT LOCATION WILL BE CONFIRMED BY THE RESIDENT ENGINEER OR THE AIRPORT MANAGER.

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.

THE PAVEMENT MILLING WILL BE PAID FOR UNDER ITEM: AR401655 "BUTT JOINT CONSTRUCTION" ____ PER S.Y.

603-BITUMINOUS TACK COAT NOTES:

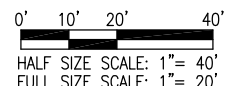
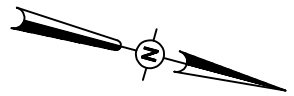
THE BITUMINOUS TACK COAT (603) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR603 "BITUMINOUS TACK COAT" AS STATED ON PAGE 254 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED NOVEMBER 2, 2009.

THE PROPOSED BITUMINOUS TACK COAT SHALL BE PLACED ON THE EXISTING BITUMINOUS PAVEMENT PRIOR TO THE PLACEMENT OF THE PROPOSED BITUMINOUS SURFACE COURSE. THE EXISTING BITUMINOUS PAVEMENT SHALL HAVE A TACK COAT OF BITUMINOUS MATERIAL APPLIED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS.

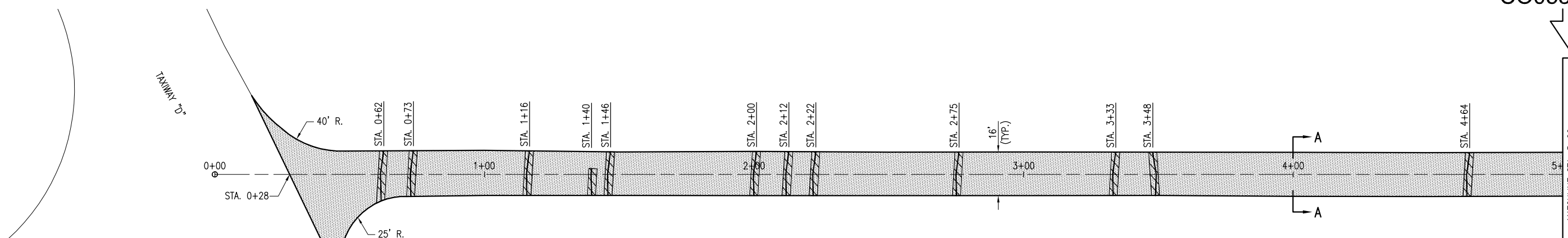
THE PROPOSED BITUMINOUS TACK COAT WILL BE PAID FOR UNDER ITEM: AR603510 BITUMINOUS TACK COAT ____ PER GAL.

LEGEND

- [White Box] EXISTING PAVEMENT
- [Black Box] EXISTING BUILDINGS
- [Line with 'x'] EXISTING FENCE
- [Dotted Pattern] PROPOSED IMPROVEMENTS
- [Hatched Pattern] PROPOSED BITUMINOUS PAVEMENT MILLING



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REMOVE & REPLACE QUANTITIES

LOCATION	CALCULATED LENGTH	SQUARE YARDS
STA. 0+62	18.6 L.F.	4.13 S.Y.
STA. 0+73	17.0 L.F.	3.78 S.Y.
STA. 1+16	16.0 L.F.	3.56 S.Y.
STA. 1+40	10.0 L.F.	2.22 S.Y.
STA. 1+46	16.0 L.F.	3.56 S.Y.
STA. 2+00	16.0 L.F.	3.56 S.Y.
STA. 2+12	16.0 L.F.	3.56 S.Y.
STA. 2+22	16.0 L.F.	3.56 S.Y.
STA. 2+75	16.0 L.F.	3.56 S.Y.
STA. 3+33	16.0 L.F.	3.56 S.Y.
STA. 3+48	16.0 L.F.	3.56 S.Y.
STA. 4+64	16.0 L.F.	3.56 S.Y.
STA. 5+35	16.0 L.F.	3.56 S.Y.
STA. 5+83	16.0 L.F.	3.56 S.Y.
STA. 6+07	16.0 L.F.	3.56 S.Y.
STA. 6+56	16.0 L.F.	3.56 S.Y.

REMOVE & REPLACE QUANTITIES

LOCATION	CALCULATED LENGTH	SQUARE YARDS
STA. 7+12	16.0 L.F.	3.56 S.Y.
STA. 7+50	16.0 L.F.	3.56 S.Y.
STA. 7+76	16.0 L.F.	3.56 S.Y.
STA. 8+12	18.0 L.F.	4.00 S.Y.
STA. 9+42	27.25 L.F.	6.06 S.Y.
STA. 9+62	68.98 L.F.	15.33 S.Y.
STA. 9+71	59.54 L.F.	13.23 S.Y.
STA. 9+93	34.79 L.F.	7.73 S.Y.
15' LT.	23.56 L.F.	5.24 S.Y.
103' LT.	23.37 L.F.	5.19 S.Y.
SUB TOTAL	557.09 L.F.	124 S.Y.

CLEAN & SEAL BITUMINOUS CRACKS NOTES

ALL CRACKS DESIGNATED BY THE RESIDENT ENGINEER FOR REPAIR WILL BE COMPLETED AS STATED IN THE SPECIAL PROVISIONS.

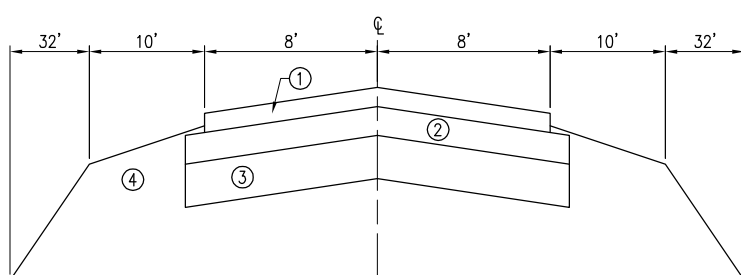
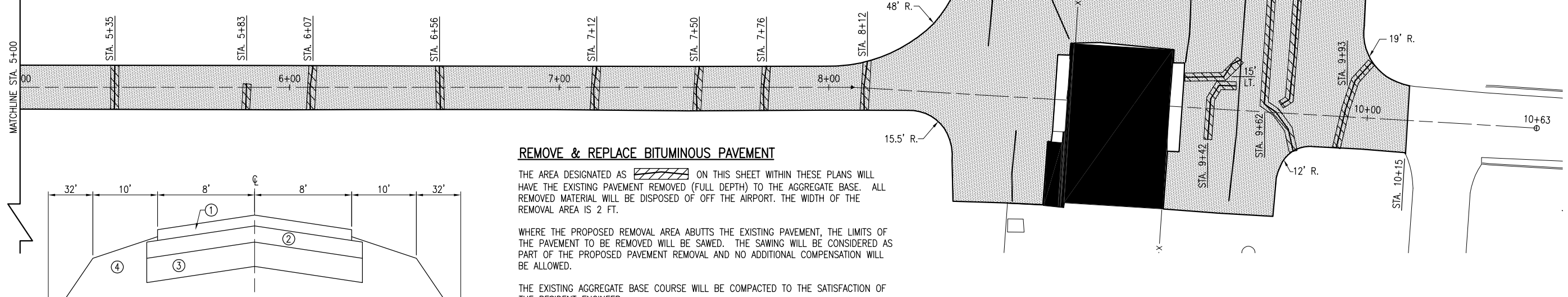
THE EXACT AMOUNT OF CRACKS TO BE CLEANED & SEALED WILL BE THE NUMBER OF LINEAR FEET OF CRACKS MARKED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

THE PAVEMENT CONDITIONS AND CRACKS WERE IDENTIFIED AND LOCATED AS SHOWN DURING A SURVEY IN THE SUMMER 2011 OF THE EXISTING ARFF ROAD.

THE PROPOSED PAVEMENT MILLING WILL BE ACCOMPLISHED BEFORE THE CRACKS ARE CLEANED & SEALED. THE RESIDENT ENGINEER WILL DETERMINE IF THE CRACKS LOCATED IN A MILLED AREA ARE LARGE ENOUGH TO WARRANT REPAIR.

THE CRACKS ON THE ARFF ROAD HAVE NOT BEEN SHOWN ON THIS DRAWING.

THE BITUMINOUS CRACK CLEANING & SEALING WILL BE PAID FOR UNDER ITEM:
AR201661 - CLEAN & SEAL BITUMINOUS CRACKS = 547 L.F.



EXISTING ARFF ROAD TYPICAL SECTION "A-A"
"NOT TO SCALE"

LEGEND FOR EXISTING ARFF ROAD TYPICAL SECTION "A-A"

- ① EXISTING BITUMINOUS SURFACE COURSE (2" DEPTH)
- ② EXISTING BITUMINOUS BASE COURSE (4" DEPTH)
- ③ EXISTING CRUSHED AGGREGATE BASE COURSE (6" DEPTH)
- ④ EXISTING EARTH SUBGRADE

REMOVE & REPLACE BITUMINOUS PAVEMENT

THE AREA DESIGNATED AS [Hatched Pattern] ON THIS SHEET WITHIN THESE PLANS WILL HAVE THE EXISTING PAVEMENT REMOVED (FULL DEPTH) TO THE AGGREGATE BASE. ALL REMOVED MATERIAL WILL BE DISPOSED OF OFF THE AIRPORT. THE WIDTH OF THE REMOVAL AREA IS 2 FT.

WHERE THE PROPOSED REMOVAL AREA ABUTTS THE EXISTING PAVEMENT, THE LIMITS OF THE PAVEMENT TO BE REMOVED WILL BE SAWED. THE SAWING WILL BE CONSIDERED AS PART OF THE PROPOSED PAVEMENT REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE EXISTING AGGREGATE BASE COURSE WILL BE COMPACTED TO THE SATISFACTION OF THE RESIDENT ENGINEER.

THE BITUMINOUS SURFACE COURSE SHALL BE AN 401 MIX, APPROVED BY THE DIVISION OF AERONAUTICS (IDA) AND SUITABLE AS PATCHING MATERIAL. AN AVERAGE OF TWO (2) NUCLEAR DENSITY TESTS PER 100 S.Y. PER LIFT WILL BE REQUIRED FOR ACCEPTANCE TESTING. THE AVERAGE OF THESE TWO (2) TESTS MUST BE ABOVE 90% FOR ACCEPTANCE. THE FINAL LIFT OF SURFACE COURSE SHALL BE INSTALLED FLUSH WITH THE EXISTING ADJACENT PAVEMENT OR TRIMMED/FILLED PRIOR TO PLACING THE PROPOSED SURFACE COURSE.

THE BITUMINOUS SURFACE COURSE WILL BE INSTALLED AS PER THE STANDARD SPECIFICATIONS EXCEPT AS STATED IN THESE PLANS. THE REMOVAL AND DISPOSAL OF THE EXISTING PAVEMENT; PROVIDING AND INSTALLING THESE MATERIALS TO GRADE IS CONSIDERED PART OF THIS PAY ITEM AND NO OTHER COMPENSATION WILL BE ALLOWED.

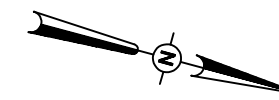
THE PAVEMENT CONDITIONS AND CRACKS WERE IDENTIFIED DURING A SURVEY IN THE SUMMER 2011 OF THE EXISTING ARFF ROAD.

THE REMOVAL AND REPLACEMENT OF BITUMINOUS PAVEMENT WILL BE PAID FOR UNDER ITEM:

AR401910 "REMOVE & REPLACE BITUMINOUS PAVEMENT"----- 124 SQ. YDS.

LEGEND

- [White Box] EXISTING PAVEMENT
- [Black Box] EXISTING BUILDINGS
- [Line with 'x'] EXISTING FENCE
- [Hatched Box] PROPOSED IMPROVEMENTS
- [Dashed Line] PROPOSED CLEAN AND SEAL BITUMINOUS CRACKS
- [Hatched Box] PROPOSED REMOVAL AND REPLACEMENT OF BITUMINOUS PAVEMENT



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

DATE	REVISION	REVISION AS PER AIRPORT COMMENTS
04/24/12		

COLES COUNTY AIRPORT AUTHORITY
1500 S. WASHINGTON ST. SPRINGFIELD, ILL. 62703
A.I.P. PROJ.: 3-17-0066-B28
IL PROJ.: MTO-4127

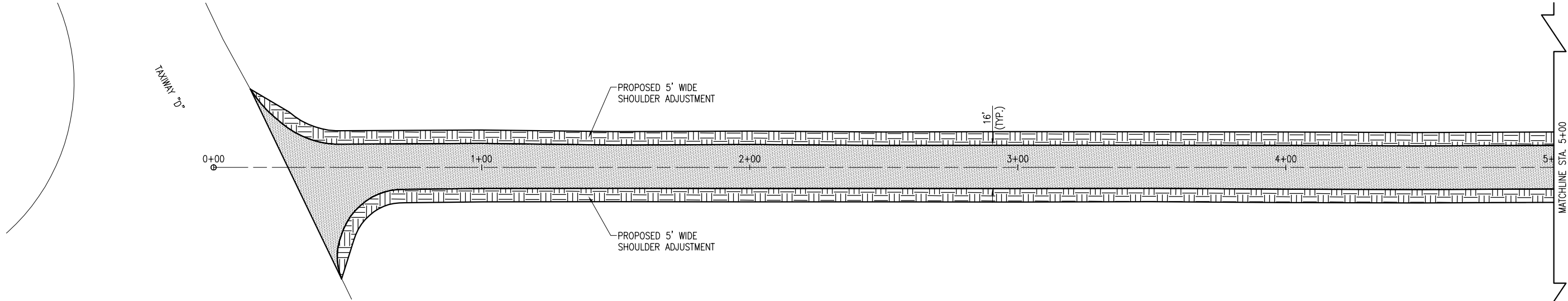
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Date XX/XX/11	BAK
LAYOUT	CAH
DRAWN	CAH
REVIEWED	CAH

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OVERLAY ARFF ROAD AND APRON REPAIRS

PROPOSED ARFF ROAD PAVEMENT PREPARATION PLAN

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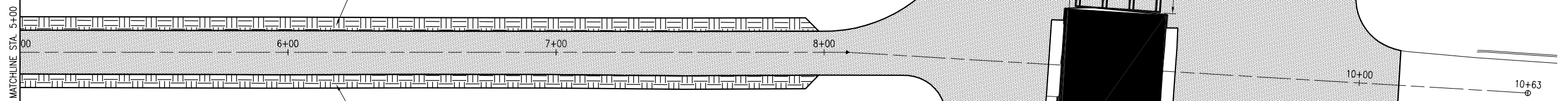


SHOULDER ADJUSTMENT NOTES:

SHOULDER ADJUSTMENT WILL BE PERFORMED ADJACENT TO THE PAVEMENT OVERLAY AREAS AS SHOWN TO PROVIDE A 1-1/2" DROP-OFF. PRIOR TO PLACING THE SHOULDER ADJUSTMENT MATERIAL, THE LIMITS WILL BE MOWED AND PULVERIZED, DISKED OR TILLED TO THE SATISFACTION OF THE RESIDENT ENGINEER. THE PROPOSED GRADING, AND SEEDING LIMITS ARE SHOWN ON THE CONSTRUCTION PLANS AS PROPOSED SHOULDER ADJUSTMENT. THE EARTH FILLETS (SHOULDER ADJUSTMENT) WILL NOT REQUIRE COMPACTION OR GRADING, OTHER THAN LIGHT ROLLING AND SHAPING. THE MATERIAL FOR THE PROPOSED EARTH FILLETS (SHOULDER ADJUSTMENT) WILL BE OBTAINED FROM AN OFF-SITE LOCATION.

THE PROPOSED EARTH MATERIAL USED FOR THE PROPOSED SHOULDER ADJUSTMENT WILL BE PAID FOR UNDER:

ITEM AR152480 "SHOULDER ADJUSTMENT" _____ PER S.Y.



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 SHOULDER ADJUSTMENT LIMITS WILL BE SEEDED IN ACCORDANCE WITH THE ABOVE NOTED SPECIFICATION. ALL AREAS OUTSIDE THE DESIGNATED SHOULDER ADJUSTMENT LIMITS WILL ALSO BE SEEDED 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.

901-3.4 MAINTENANCE OF SEEDED AREAS. DELETE THE SECOND PARAGRAPH OF THIS SECTION AND ADD THE FOLLOWING:

"THE CONTRACTOR WILL BE REQUIRED TO ESTABLISH A GOOD STAND OF GRASS OF UNIFORM COLOR AND DENSITY TO THE SATISFACTION OF THE RESIDENT ENGINEER. IF AT THE TIME WHEN THE CONTRACT HAS BEEN OTHERWISE COMPLETED, IT IS NOT POSSIBLE TO MAKE AN ADEQUATE DETERMINATION OF COLOR, DENSITY, AND UNIFORMITY OF SUCH STAND OF GRASS, THE ITEM OF WORK WILL BE REVIEWED AT A LATER DATE DETERMINED BY THE ILLINOIS DIVISION OF AERONAUTICS."

DATE SEEDING COMPLETED _____

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

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 LOT 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 6" WIDE AND COMPLETED IN ACCORDANCE WITH THE DIMENSIONS 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 _____ PER S.F.

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.

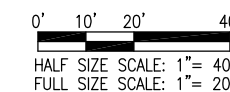
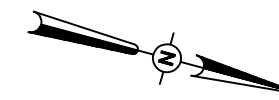
908-3.4 STRUCTURE CLEANING: AFTER THE PROPOSED MULCH HAS BEEN APPLIED, THE CONTRACTOR WILL CLEAN THE MULCH OFF ALL STRUCTURES (DRAINAGE, ELECTRICAL, LIGHTS, ETC.).

DATE MULCHING COMPLETED _____

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

LEGEND

- EXISTING PAVEMENT
- EXISTING BUILDINGS
- EXISTING FENCE
- PROPOSED IMPROVEMENTS
- PROPOSED SHOULDER ADJUSTMENT
- PROPOSED MARKING



REVISION	DATE

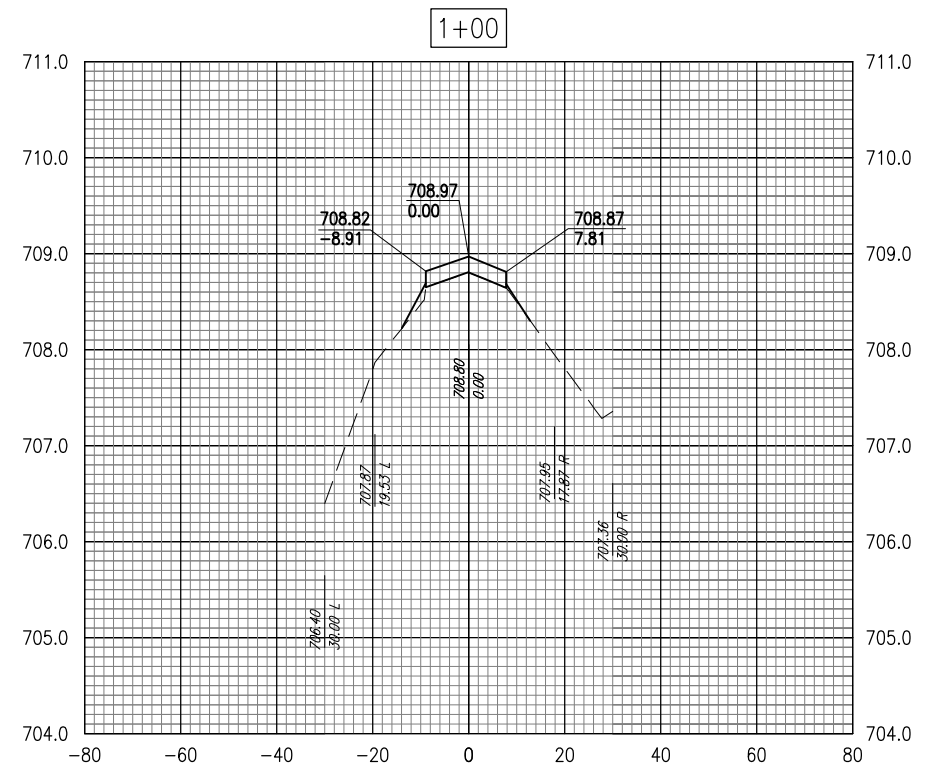
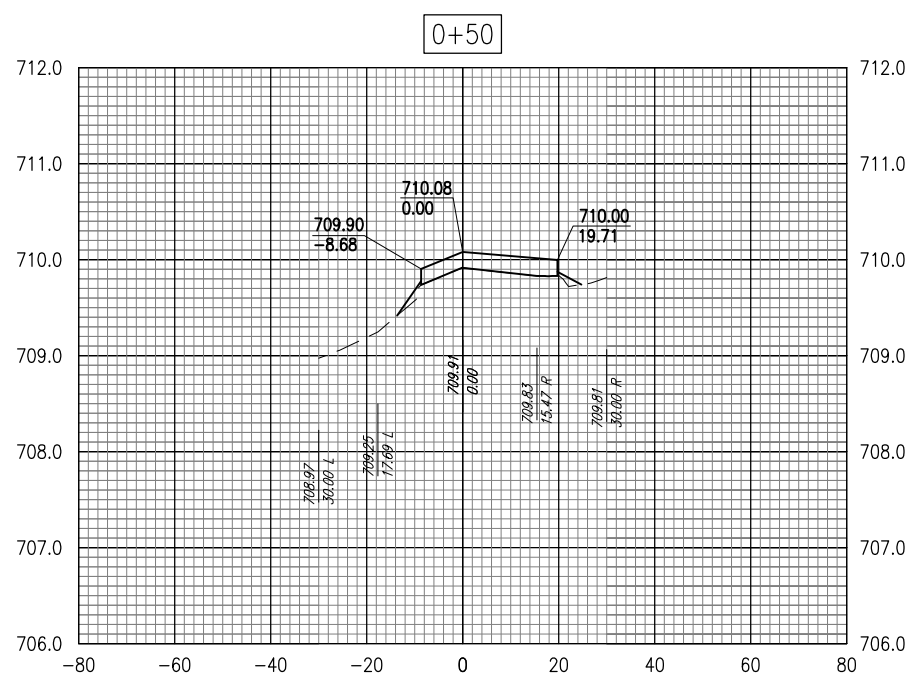
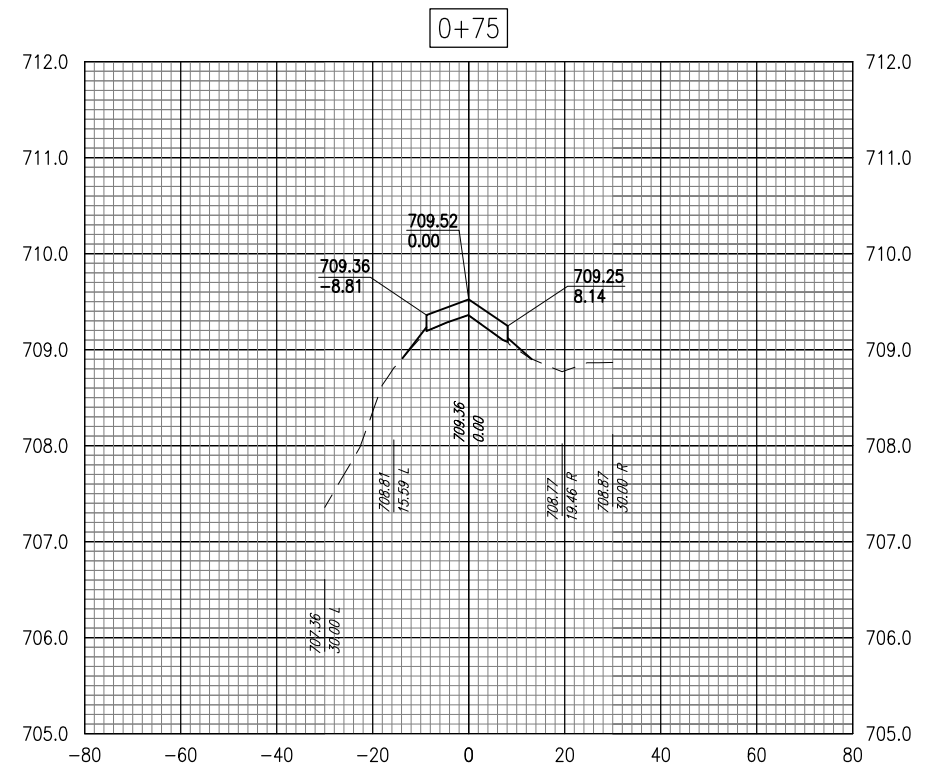
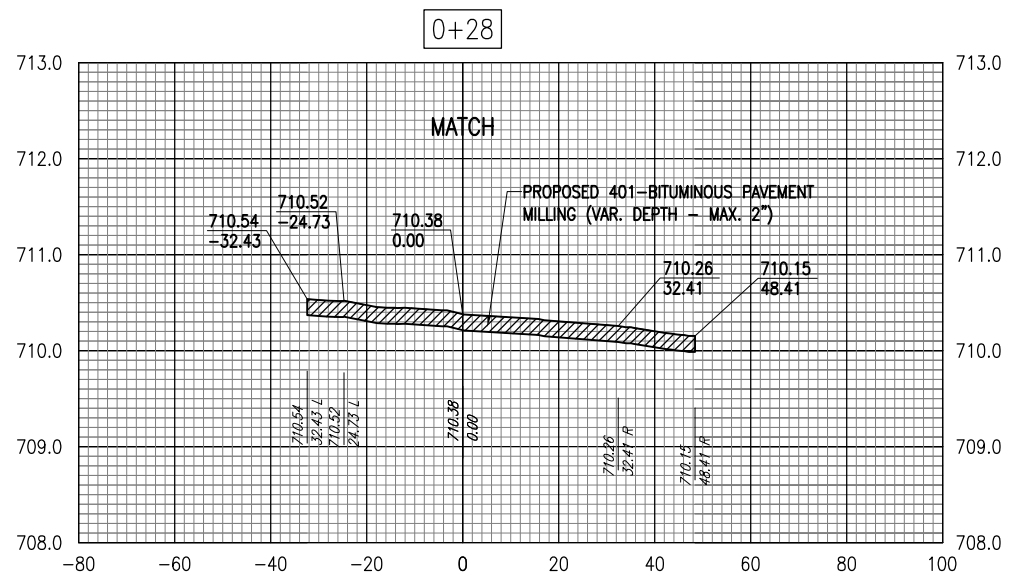
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 ILL. PROJ.: MTO-4127
 A.I.P. PROJ.: 3-17-0066-B28

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DRAWN	BAK	10/17/11	
REVIEWED	CAH		

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OVERLAY ARFF ROAD AND APRON REPAIRS
 PROPOSED ARFF ROAD GRADING AND MARKING PLAN

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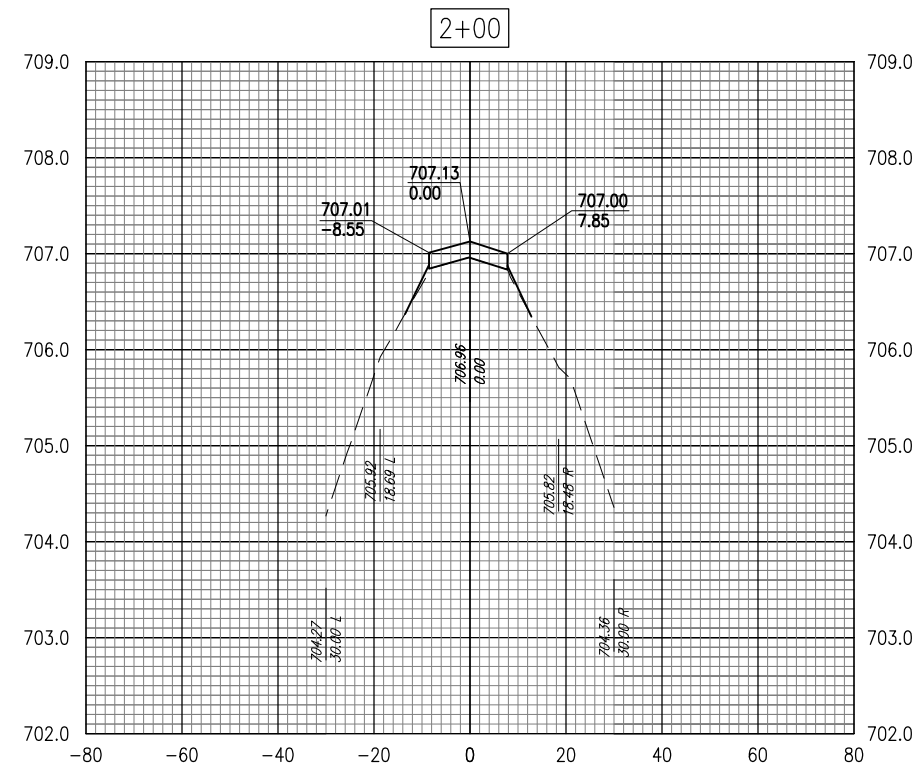
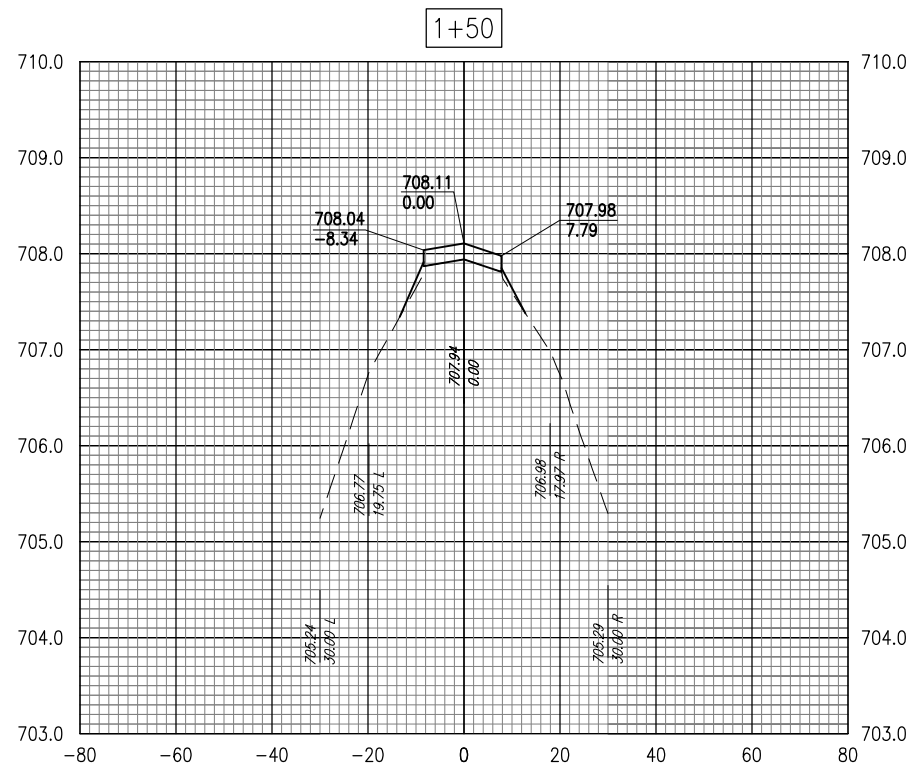
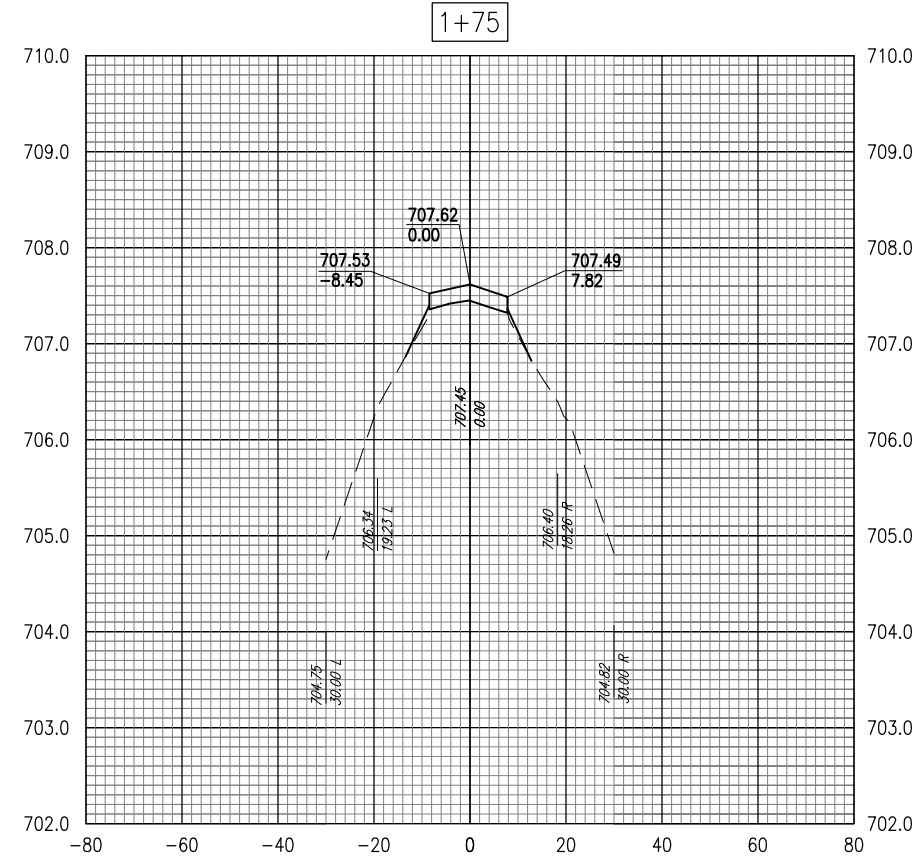
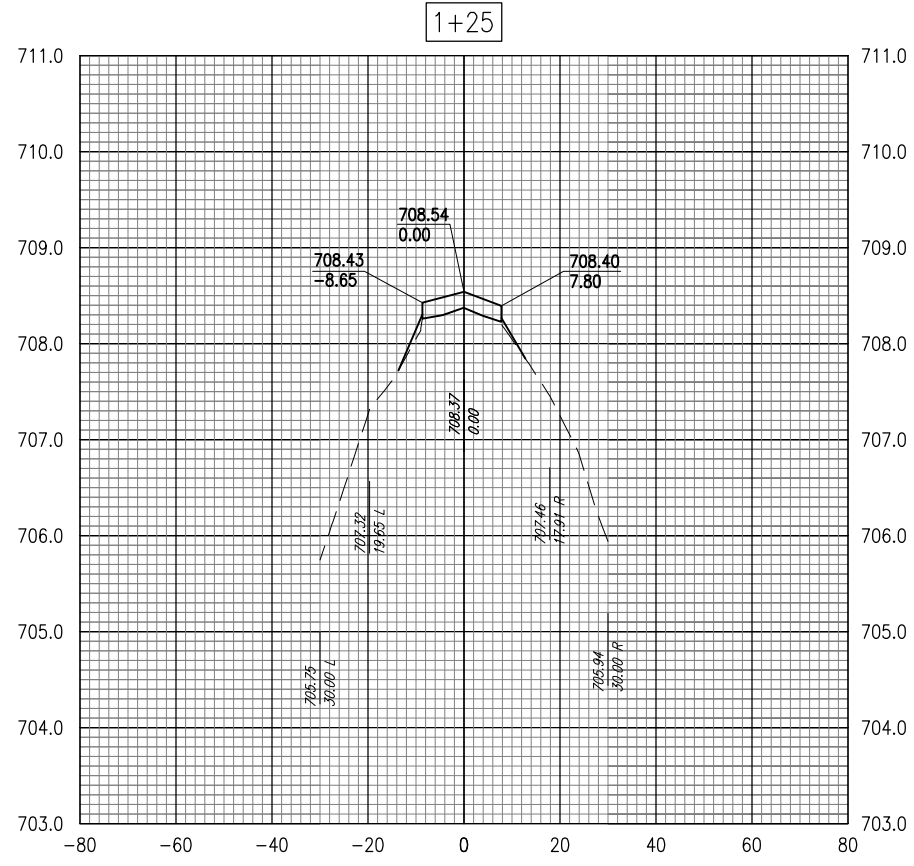
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OVERLAY ARFF ROAD AND APRON REPAIRS

PROPOSED CROSS-SECTIONS FOR ARFF ROAD STA. 0+28 TO STA. 1+00



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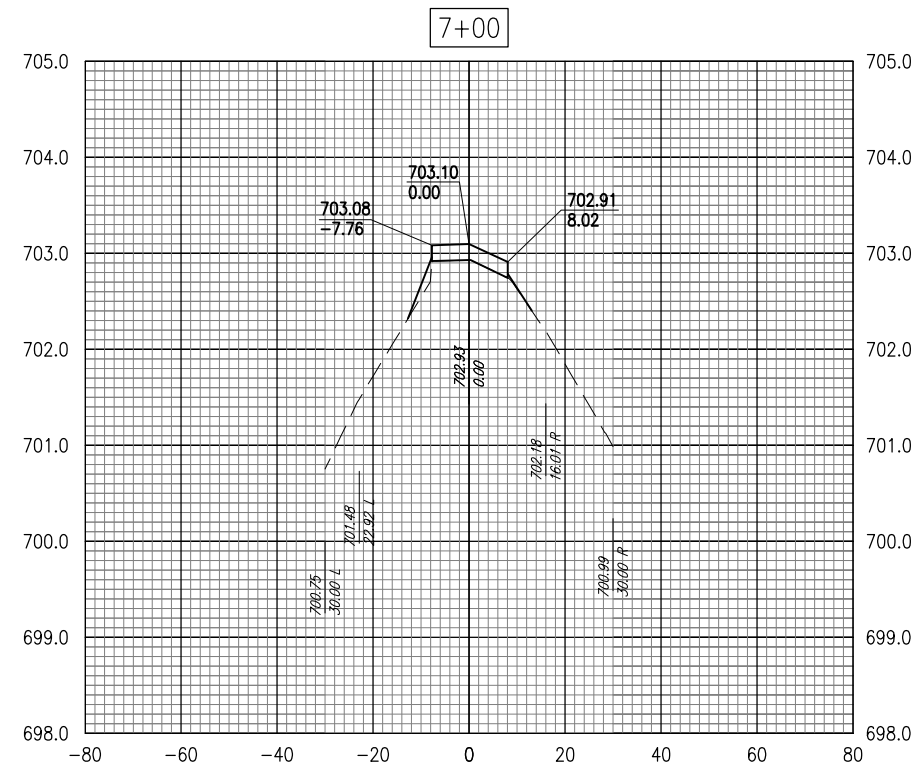
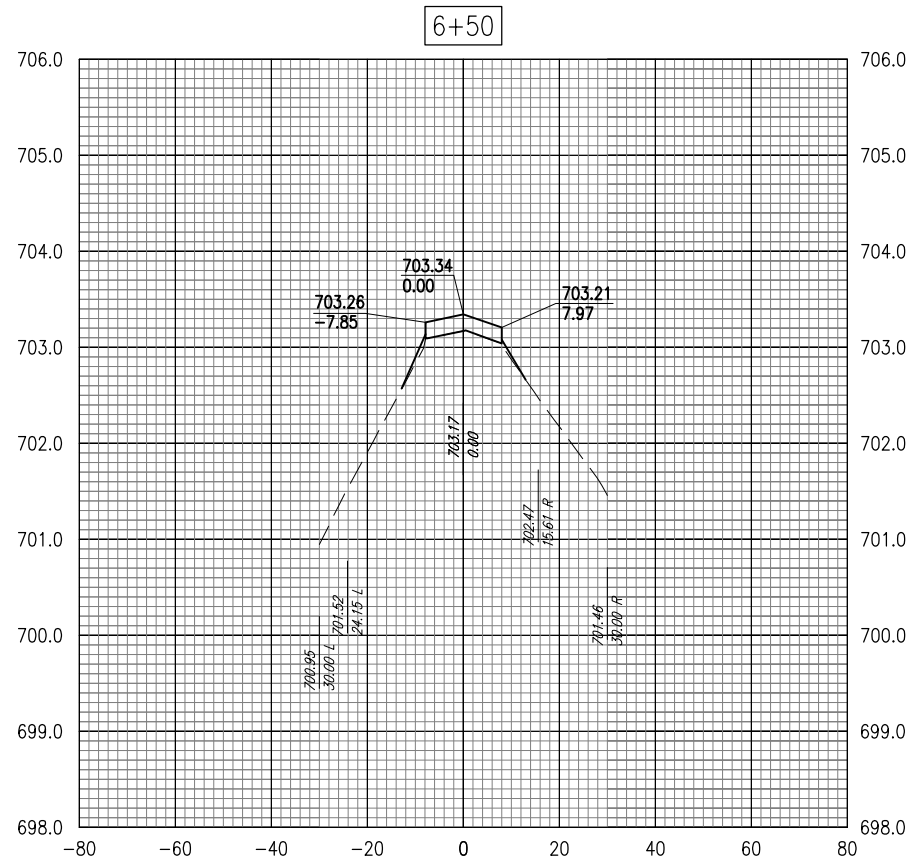
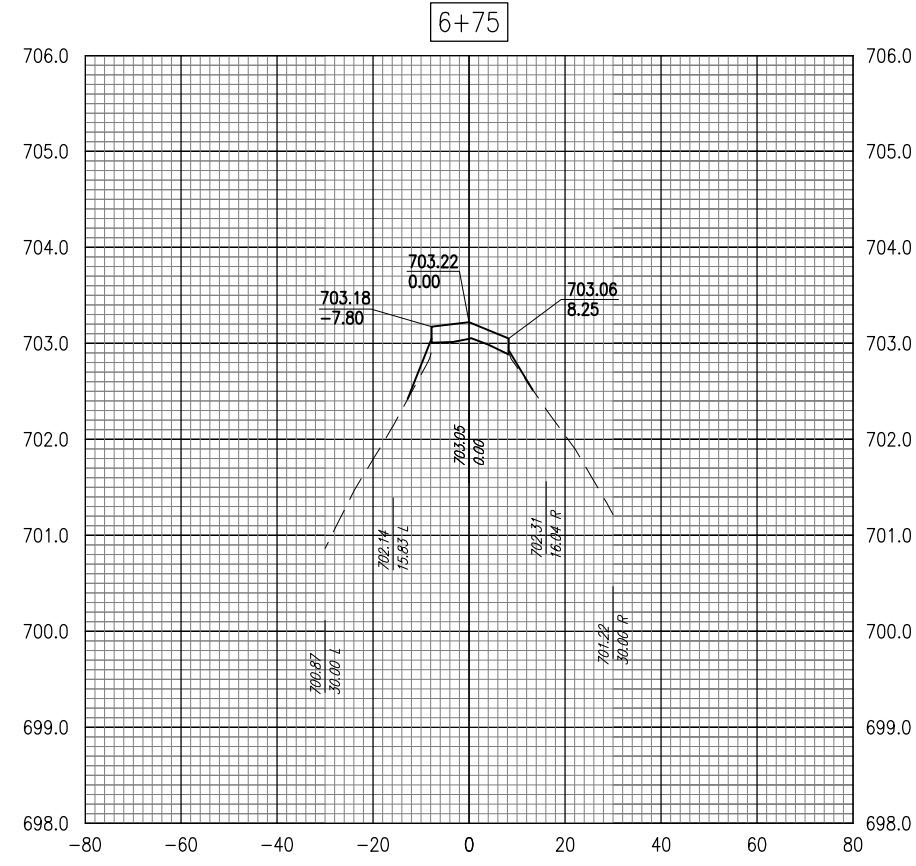
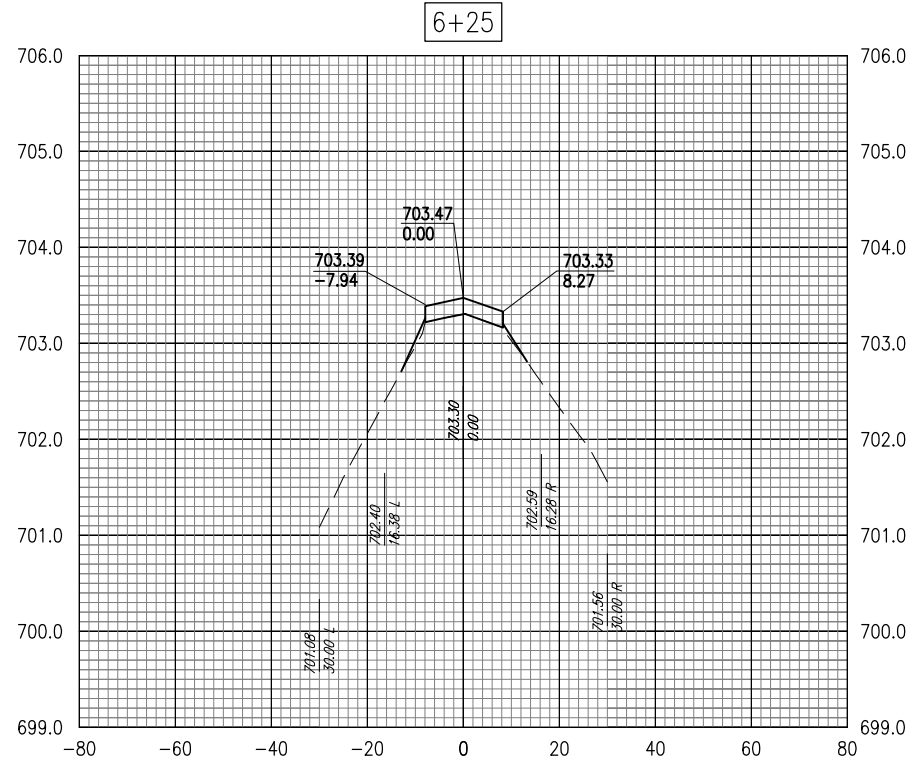
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OVERLAY ARFF ROAD AND APRON REPAIRS

PROPOSED CROSS-SECTIONS FOR ARFF ROAD STA. 1+25 TO STA. 2+00



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COLES COUNTY AIRPORT
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DATE: _____
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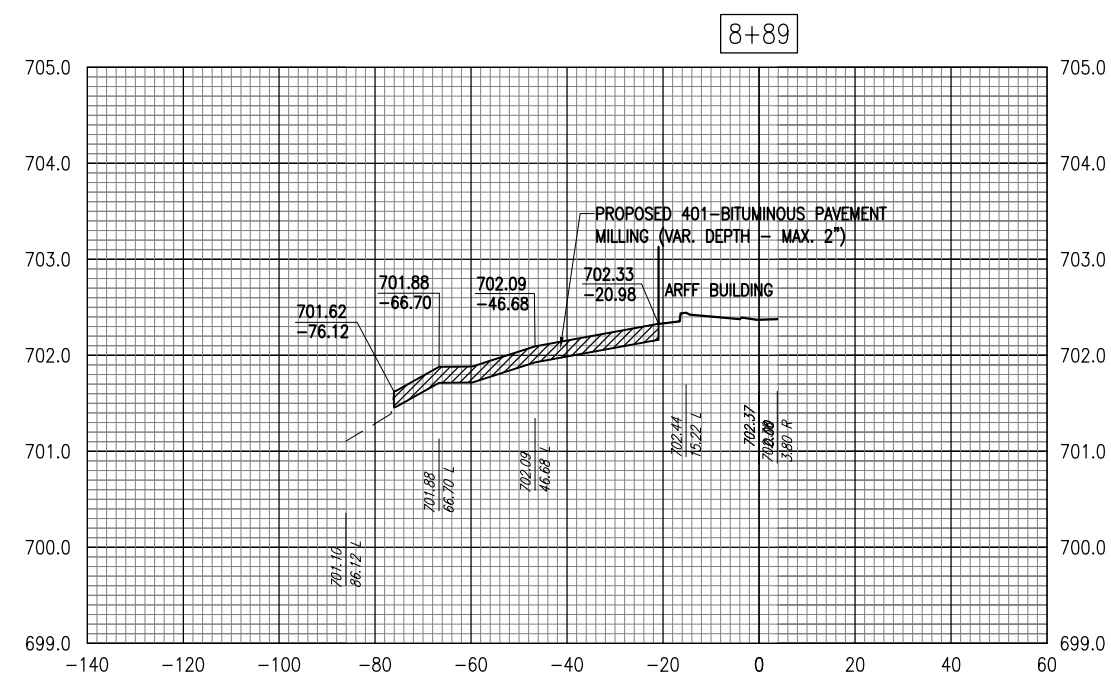
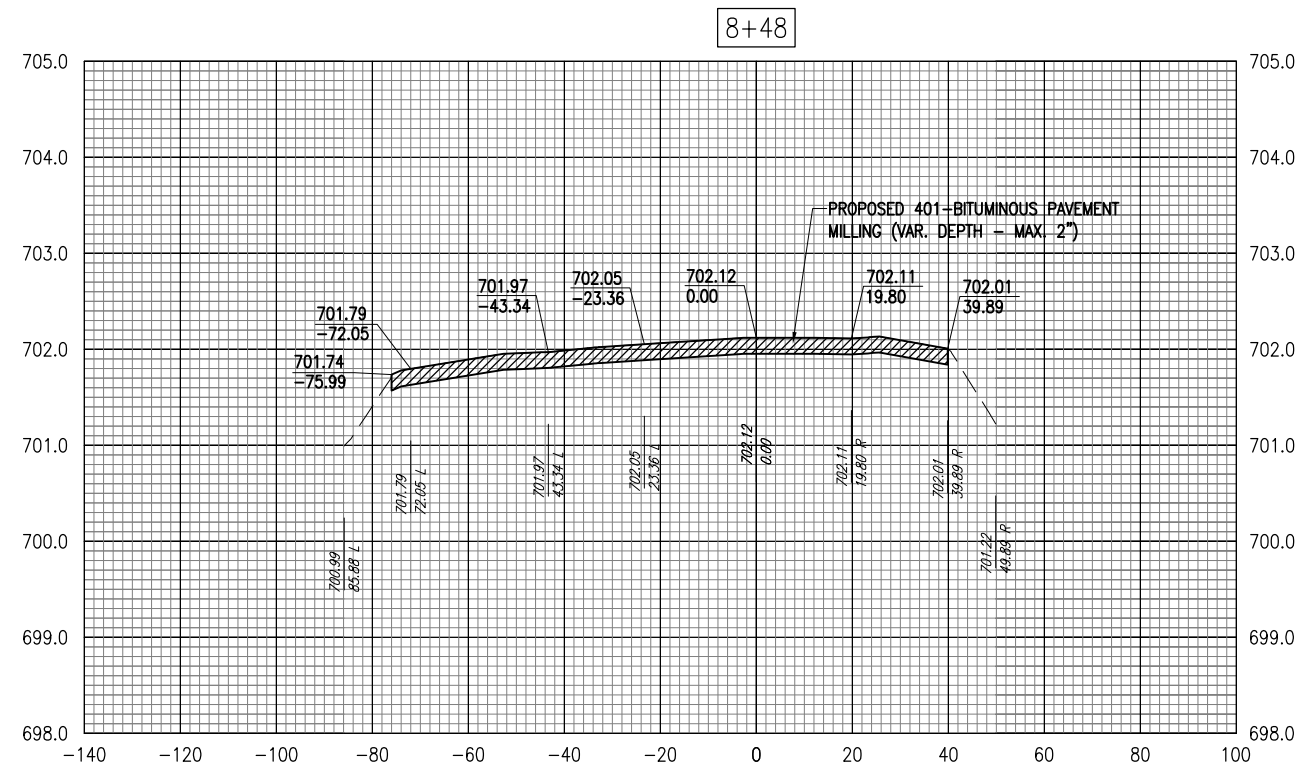
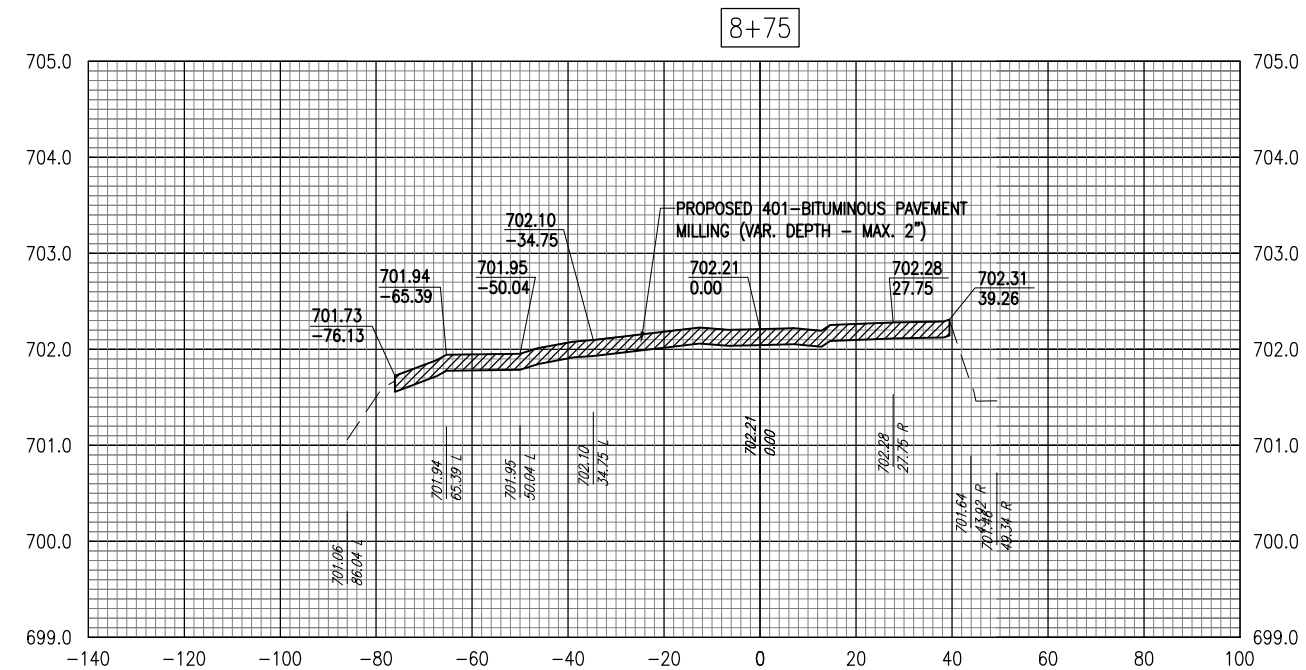
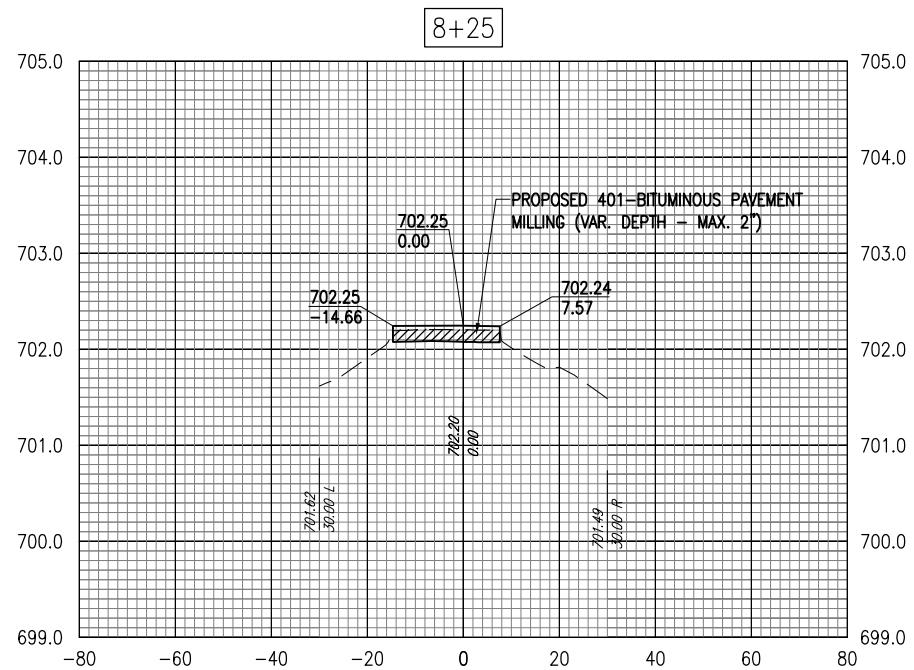
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PROPOSED
 CROSS-SECTIONS FOR ARFF
 ROAD STA. 6+25 TO STA. 7+00



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OVERLAY ARFF ROAD AND APRON REPAIRS
 PROPOSED CROSS-SECTIONS FOR ARFF ROAD STA. 8+25 TO STA. 8+89

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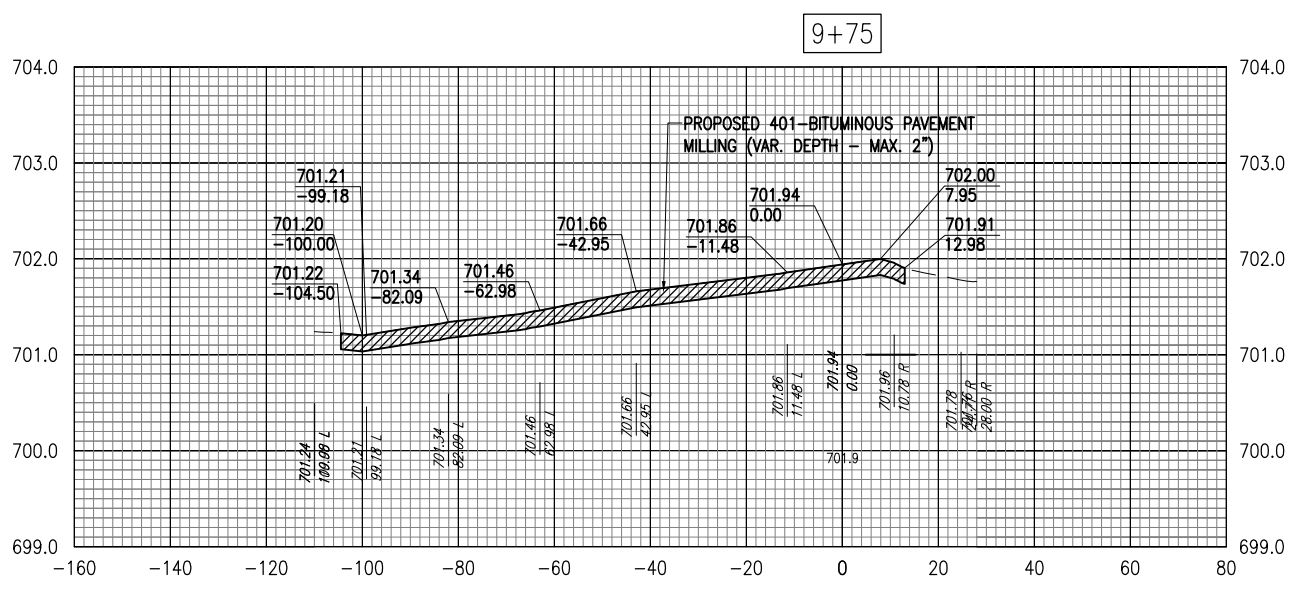
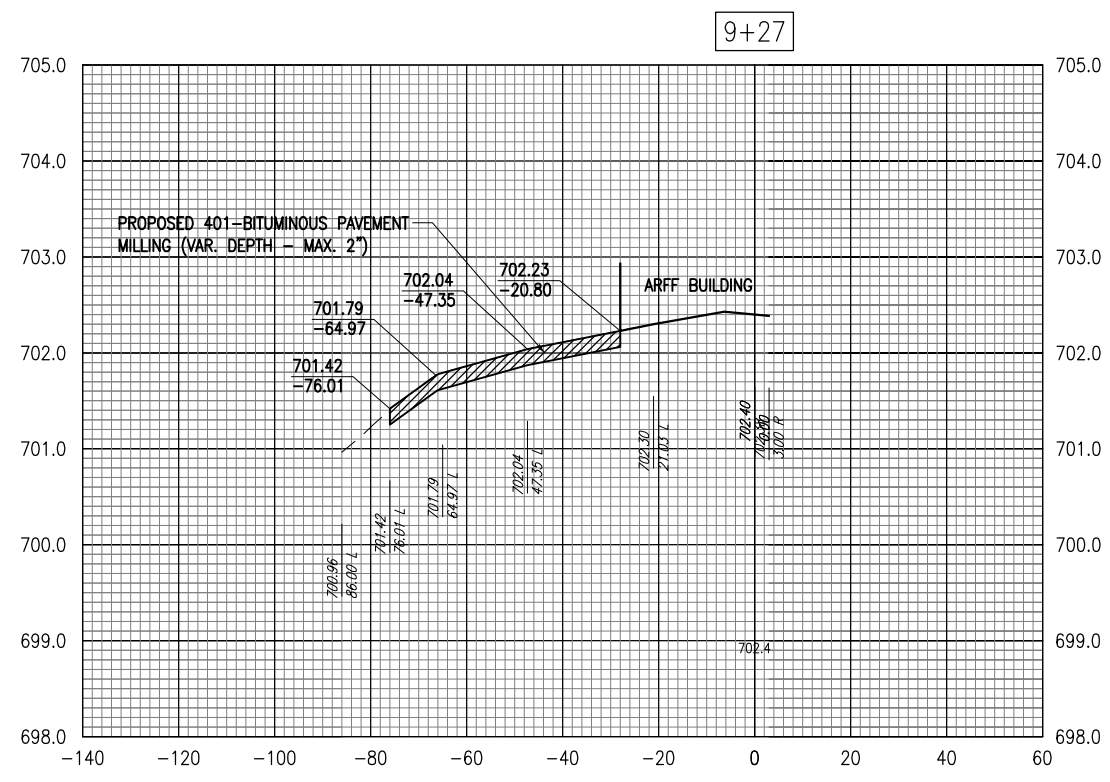
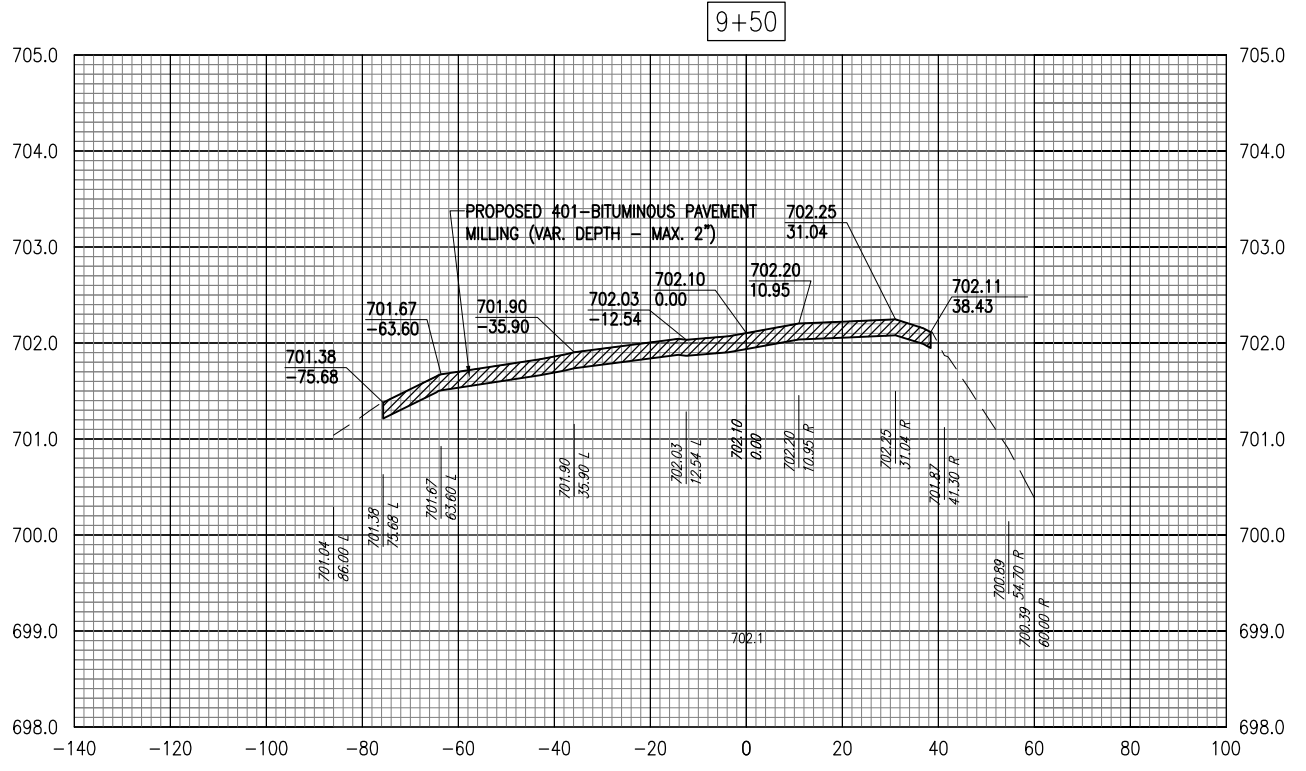
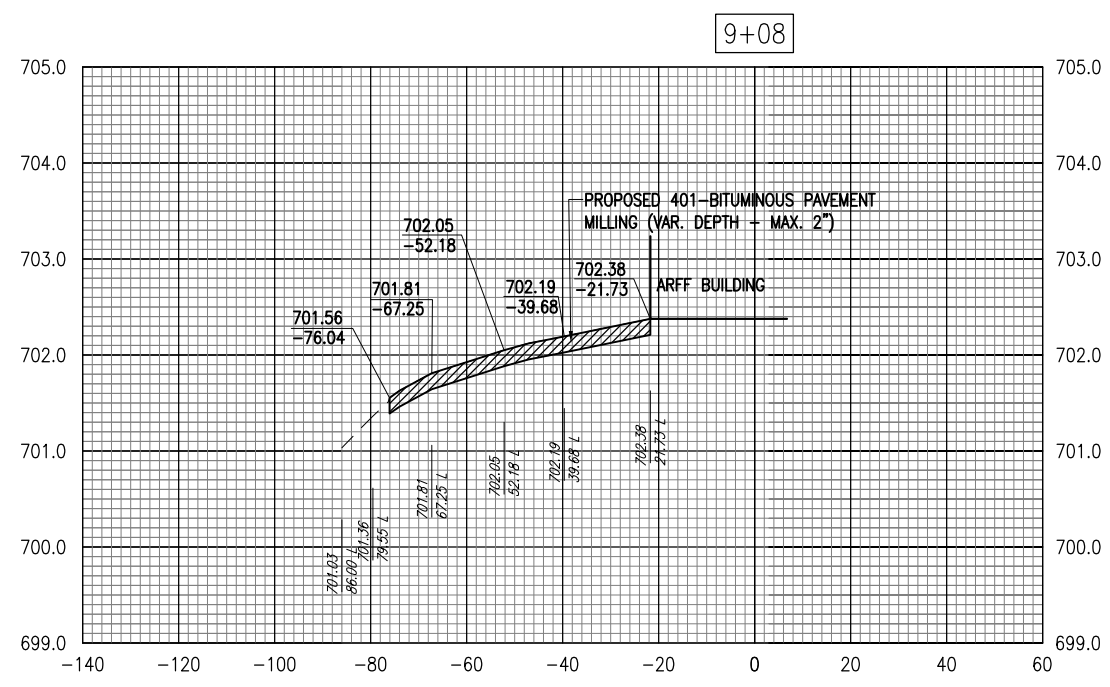
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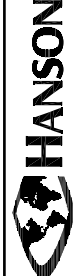

PROPOSED CROSS-SECTIONS FOR ARFF ROAD STA. 9+08 TO STA. 9+75

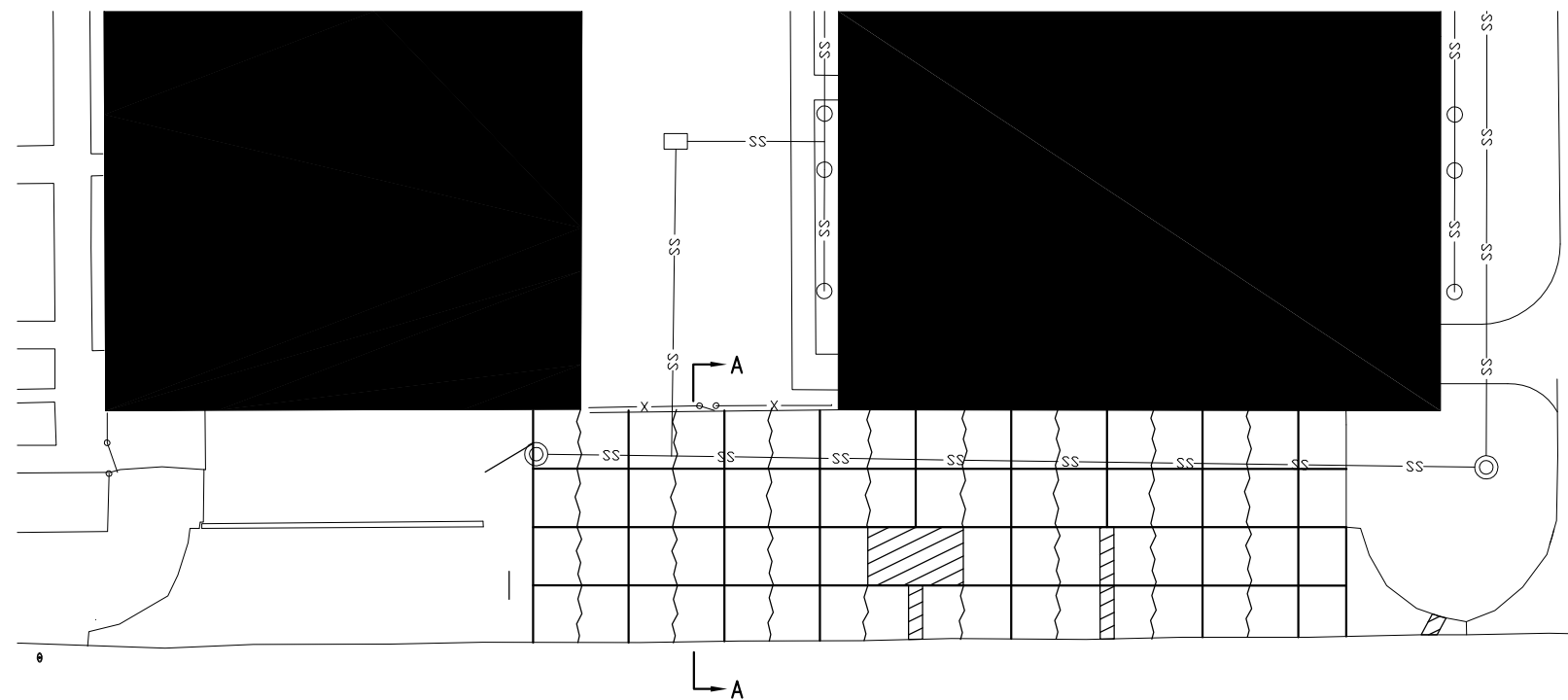
REVISION

DATE



SUMMARY OF QUANTITIES FOR PAVEMENT REPAIRS IN FRONT HANGARS "B" & "C"				
ITEM NO.	DESCRIPTION	UNIT	F-L QUANTITIES	AS BUILT QUANTITIES
AR501910	REMOVE & REPLACE PCC PAVEMENT	S.Y.	42	
AR605540	CLEAN & SEAL JOINTS	L.F.	900	
AR605541	CLEAN & SEAL CRACKS	L.F.	393	

<p>OVERLAY ARFF ROAD AND APRON REPAIRS</p> <p>SUMMARY OF QUANTITIES FOR PVMNT. REPAIRS IN FRONT OF HGRS. B & C</p>	 <p>© Copyright Hanson Professional Services Inc. 2012 Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62703-2886 Ph: (217) 788-2450 Fax: (217) 788-2503 www.hanson-inc.com Offices Nationwide</p>	Hanson Proj. No. 11A0077D Filename G-003-FLP.dwg Scale NOT TO SCALE Date XX/XX/11	LAYOUT BAK 10/14/11 DRAWN BAK 10/14/11 REVIEWED CAH 04/13/12	 <p>COLES COUNTY AIRPORT AUTHORITY COLES COUNTY, ILLINOIS</p>	DATE 04/18/12 REVISION REVISION AS PER IDA REVIEW
		<p>19</p> <p>19 of 20 sheets</p>	IL PROJ.: MTO-4127 A.I.P. PROJ.: 3-17-0066-B28		



P.C.C. PAVEMENT REMOVAL AND REPLACEMENT

THE AREA(S) DESIGNATED AS [diagonal hatching] ON THIS SHEET WILL HAVE THE EXISTING P.C.C. PAVEMENT REMOVED AND REPLACED. ALL REMOVED MATERIAL WILL BE DISPOSED OF OFF THE AIRPORT SITE.

THE EXISTING P.C.C. PAVEMENT WILL BE REMOVED AT THE LOCATION SHOWN AND AT THE DIRECTION OF THE RESIDENT ENGINEER.

THE REMOVAL OF THE P.C.C. PAVEMENT WILL BE CONSIDERED AS AN INCIDENTAL ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:
AR501910 REMOVE & REPLACE PCC PAVEMENT - 42 S.Y.

CLEAN & SEAL CRACKS

THE EXISTING CRACKS AS SHOWN ON THE THIS PLAN SHEET ARE TO BE CLEANED AND RESEALED IN ACCORDANCE WITH THE SPECIFICATIONS.

THE CRACK SIZES VARY APPROXIMATELY FROM 3/4" TO 1-1/2" IN WIDTH.

THE PROPOSED SEALANT MATERIAL FOR RESEALING THE CRACKS WILL BE THE SAME SILICONE SEALANT AS USED IN THIS PROJECT FOR RESEALING THE JOINTS.

THE PLAN QUANTITY OF CRACKS TO BE CLEANED AND SEALED IS AN ESTIMATE BASED UPON A SURVEY COMPLETED IN JULY 2011. ALL CRACKS DESIGNATED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION WILL BE CLEANED AND SEALED.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:
AR605541 CLEAN & SEAL CRACKS _____ 393 L.F.

CLEAN & SEAL JOINTS

THE EXISTING JOINTS TO BE CLEANED AND RESEALED IN ACCORDANCE WITH THE SPECIFICATIONS WILL BE LOCATED IN THE FIELD AT THE TIME OF CONSTRUCTION.

THE EXISTING JOINTS VARY APPROXIMATELY FROM 3/8" TO 1/2" IN WIDTH.

THE CONTRACTOR SHALL USE A SILICONE SEALANT MATERIAL TO RESEAL THE LONGITUDINAL AND TRANSVERSE JOINTS. THE JOINT PREPARATION SHALL INCLUDE THE REMOVAL OF OLD SEALANT. JOINT PREPARATION WILL INCLUDE SAWING, SANDBLASTING, CLEANING, INSTALLATION OF BACKER ROD, AND THE INSTALLATION OF SILICONE SEALANT.

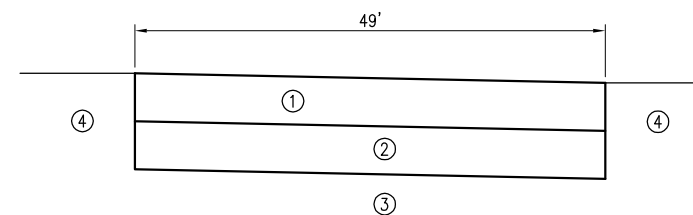
THE CONTRACTOR WILL BE REQUIRED TO REPAIR ANY JOINTS DAMAGED BY HIS OPERATIONS OR REPLACE ANY MATERIAL FOUND OUT OF SPECIFICATION DURING THE SEALING OPERATION.

THE RESIDENT ENGINEER SHALL EXAMINE THE JOINTS FOR THE FOLLOWING FEATURES:

- JOINT FACE IS CLEAN AND DRY BEFORE SEALANT APPLICATION.
- NO BACKER MATERIAL IS DAMAGED OR FLOATING IN THE SEALANT.
- JOINTS ARE NOT UNDER FILLED OR OVERFILLED.
- SEALANT HAS ADHERED TO THE FACE OF THE JOINT.
- SPILLED SEALANT HAS BEEN REMOVED.
- NO DEBRIS IS LEFT ON THE PAVEMENT SURFACE.

THE JOINTS SHALL BE RE-SEALED IN ACCORDANCE WITH ITEM 605 JOINT SEALING FILLER USING DOW CORNING 888 NON SAG SILICONE JOINT SEALER. THE SEALER SHALL BE NEATLY FINISHED AS SHOWN IN THE DETAIL. ALL OVERFILLED JOINTS SHALL BE REMOVED AND CORRECTED. SPILLS SHALL BE REMOVED FROM THE PAVEMENT.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:
AR605540 CLEAN & SEAL JOINTS _ _ _ 900 L.F.



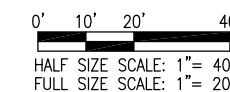
EXISTING APRON TYPICAL SECTION "A-A"
"NOT TO SCALE"

LEGEND FOR EXISTING APRON TYPICAL SECTION "A-A"

- ① EXISTING PCC PAVEMENT (6" DEPTH)
- ② EXISTING CRUSHED AGGREGATE BASE COURSE (6" DEPTH)
- ③ EXISTING EARTH SUBGRADE
- ④ EXISTING PAVEMENT

LEGEND

- [white box] EXISTING PAVEMENT
- [black box] EXISTING BUILDINGS
- [line with 'x'] EXISTING FENCE
- [wavy line] PROPOSED CLEAN AND SEAL PCC CRACKS
- [solid line] PROPOSED CLEAN AND SEAL PCC JOINTS
- [diagonal hatching] PROPOSED REMOVAL AND REPLACEMENT OF PCC PAVEMENT



REVISION	DATE	REVISION
04/24/12		REVISED AS PER AIRPORT REVIEW

COLES COUNTY AIRPORT AUTHORITY
COLES COUNTY AIRPORT AUTHORITY
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A.I.P. PROJ.: 3-17-0066-B28
IL PROJ.: MTO-4127

Hanson Proj. No. 11A0077D	10/17/11
Filename: C-112-PRP.dwg	BAK
Scale: 1" = 20'	BAK
Date: XX/XX/11	BAK
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REVIEWED	

HANSON
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OVERLAY ARFF ROAD AND APRON REPAIRS

PROPOSED PAVEMENT PREPARATION PLAN FOR APRON

APR 24, 2012 10:25 AM HAGI000382 p:\s\spi-svr306\hanson\Documents\11A0077D\CAD\Airport\Sheet\C-112-PRP