CO059 **TOTAL SHEETS - 12** 

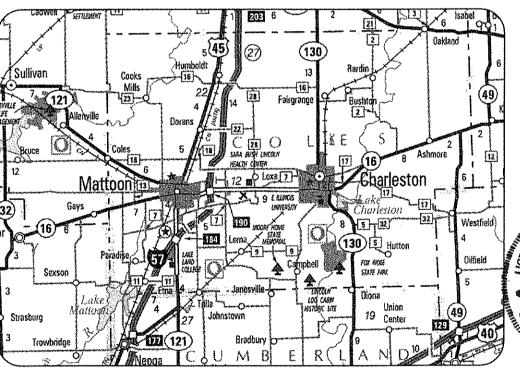
## **CONSTRUCTION PLANS FOR**

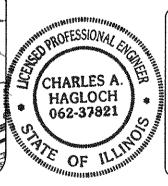
# **COLES COUNTY MEMORIAL AIRPORT**

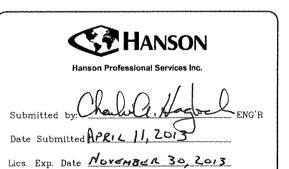
MATTOON-CHARLESTON, COLES COUNTY, ILLINOIS REHABILITATE PAVEMENT BY HANGAR "G"

#### SCOPE OF WORK

THIS PROJECT CONSISTS OF BITUMINOUS PAVEMENT REMOVAL, PAVEMENT REMOVAL AND REPLACEMENT, CRACK CLEANING AND SEALING, BITUMINOUS SURFACE COURSE, BITUMINOUS TACK COAT, AGGREGATE BASE COURSE, 6" PCC PAVEMENT, PAVEMENT MARKING, SHOULDER ADJUSTMENT, SEEDING AND EROSION CONTROL BLANKET.





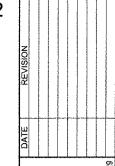


## **LOCATION**

BLOCK GRANT PROJ.: 3-17-0066-B29

721.0' M.S.L. JAN. 16, 2013

ILL. PROJ.: MTO-4214 39° 28' 40" 88° 16' 45" LATITUDE: LONGITUDE: ELEVATION:



REHABILITATE PAVEMENT BY HANGAR "G"

LOCATION OF COUNTY

SUMMARY OF QUANTITIES					
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITIES	AS BUILT QUANTITIES	
AR150510	ENGINEER'S FIELD OFFICE	L.S.	1		
AR150520	MOBILIZATION	L.S.	1		
AR150540	HAUL ROUTE	L.S.	1		
AR152480	SHOULDER ADJUSTMENT	S.Y.	260		
AR156532	EXCELSIOR BLANKET	S.Y.	260		
AR201661	CLEAN & SEAL BITUMINOUS CRACKS	L.F.	700		
AR209510	CRUSHED AGGREGATE BASE COURSE	TON	60		
AR401613	BIT. SURF. CSEMETHOD I, SUPERPAVE	TON	308		
AR401650	BITUMINOUS PAVEMENT MILLING	S.Y.	687		
<b>AR</b> 401655	BUTT JOINT CONSTRUCTION	S.Y.	16		
AR401665	BITUMINOUS PAVEMENT SAWING	L.F.	388		
AR401900	REMOVE BITUMINOUS PAVEMENT	S.Y.	1,008		
AR501506	6" PCC PAVEMENT	S.Y.	367		
AR501604	4" PCC SIDEWALK	S.F.	144		
AR501924	PCC SIDEWALK REMOVAL	S.F.	144		
AR602510	BITUMINOUS PRIME COAT	GAL.	225		
AR603510	BITUMINOUS TACK COAT	GAL.	328		
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	338		
AR620525	PAVEMENT MARKING-BLACK BORDER	S.F.	339		
AR705943	ADJUST UNDERDRAIN INSP. HOLE	EACH	1		

INDEX TO SHEETS			
SHEET NO.	DESCRIPTION		
1	COVER SHEET		
2	SUMMARY OF QUANTITIES AND INDEX TO SHEETS		
3	PROPOSED SAFETY PLAN		
4	PROPOSED CONSTRUCTION PLAN		
5	PROPOSED PAVEMENT PREPARATION PLAN		
6	PROPOSED STAKING PLAN		
7	PROPOSED JOINTING PLAN		
8	PROPOSED MARKING PLAN		
9	PROPOSED CROSS-SECTIONS STA. 0+50 TO STA. 1+25		
10	PROPOSED CROSS-SECTIONS STA. 1+50 TO STA. 2+25		
11	PROPOSED CROSS—SECTIONS STA. 2+50 TO STA. 3+25		
12	PROPOSED CROSS-SECTIONS STA. 3+75 TO STA. 4+13		

COLES COUNTY AIRPORT

AUTHORITY

COLES COUNTY AIRPORT

COLES COUNTY AIRPORT

Occupient Henson Professional Services Inc. 2013
Hanson Professional Services Inc. 1525 South Sixth Street
Springfield, Illinois 627/03-2886
Phr. (217) 788-2450
Phr. (217) 788-2450
Phr. (217) 788-2450
Phr. (217) 788-2450

REHABILITATE PAVEMENT BY HANGAR "G" 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 WHATEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT. ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT 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 AND PARKING AREA AS SHOWN ON THIS SHEET. THE PROPOSED EQUIPMENT PARKING AREA WILL BE 200' X 200'. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE PROPOSED HAUL ROUTE AND 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 RETURN THE HAUL ROUTE AND PARKING AREA TO THEIR ORIGINAL STATE. RESTORATION OF THE HAUL ROUTE AND PARKING 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 AS SHOWN ON THIS SHEET. THE CONTRACTOR'S EMPLOYEES WILL PARK THEIR VEHICLES IN THE AUTO PARKING LOT. 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.

THE CONTRACTOR SHALL KEEP BOTH RUNWAYS OPEN AT ALL TIMES AND MAINTAIN CONTINUOUS TAXIWAY ACCESS TO ALL HANGARS AND ADMINISTRATIVE AREAS NOT DIRECTLY ADJACENT TO THE CONSTRUCTION

ALL WORK PERFORMED SHALL BE DONE IN A ORDERLY AND EFFECTIVE MANNER TO MINIMIZE THE LACK OF ACCESS TO THE NORTH SIDE OF THE

NO TRENCHES OR HOLES WILL REMAIN OPEN OVERNIGHT WITHOUT PROPER BARRICADING IN ACCORDANCE TO THE PLANS AND SPECIFICATIONS.

#### BARRICADES AND TRAFFIC CONES

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES AND TRAFFIC CONES 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

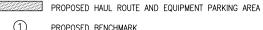
EXISTING IMPROVEMENTS



PROPOSED IMPROVEMENTS



EXISTING BUILDINGS



PROPOSED BENCHMARK

SCOPE OF WORK

THIS PROJECT CONSISTS OF BITUMINOUS PAVEMENT REMOVAL, PAVEMENT REMOVAL AND REPLACEMENT, CRACK CLEANING AND SEALING, BITUMINOUS SURFACE COURSE, BITUMINOUS TACK COAT, AGGREGATE BASE COURSE. 6"PCC PAVEMENT, PAVEMENT MARKING, SHOULDER ADJUSTMENT, SEEDING AND FROSION CONTROL BLANKET.

#### AIRPORT SECURITY NOTE

AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR WILL CLOSE 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.

	BENCHMARK DATA				
NO.	DESCRIPTION	NORTHING	EASTING	ELEV.	
1	CONTROL POINT	1025318.4970	999334.6475	704.94	
2	FIRE HYDRANT	1025262.0010	999547.4112	705.97	

#### 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. ALL NON-AGGREGATE MATERIAL CERTIFICATION THAT DOES NOT HAVE AN FAA WAIVER MUST INCLUDE DOCUMENTATION THAT THE PRODUCT IS 100 PERCENT MADE IN THE USA WITH 100 PERCENT USA MATERIAL.

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".

ALL CONSTRUCTION EQUIPMENT ON THE AIRPORT SHALL BE MARKED, LIGHTED AND/OR FLAGGED IN ACCORDANCE WITH AC 150/5210-5 AND 70/7460-1.

# COUNTY

J.U.L.I.E. INFORMATION \_MATTOON

TOWNSHIP LAFAYETTE SECTION NO. \_14, 15, 22 & 23 \_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.

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

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 COLINTY 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

, ococ 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 APRIL 1, 2012.

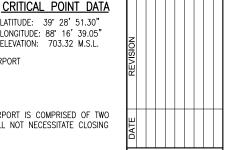
THE LOCATION OF THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE DETERMINED AT THE PRE-CONSTRUCTION MEETING.

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.



CO059

LATITUDE: 39° 28' 51.30"

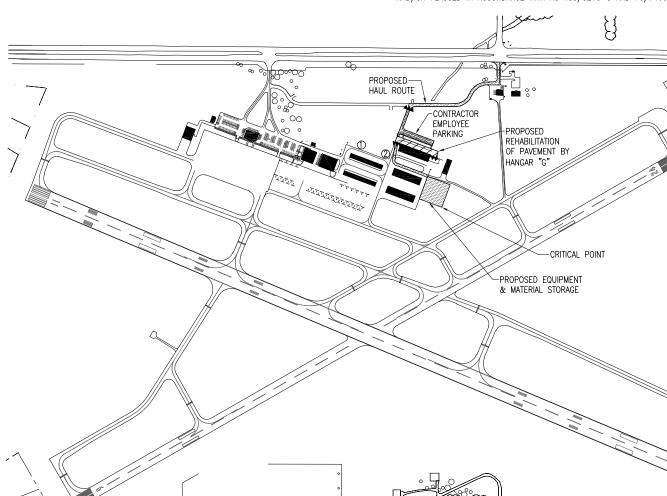
LONGITUDE: 88' 16' 39.05"

ELEVATION: 703.32 M.S.L.

HANSON

Ш LITATE PAVEME HANGAR "G" BY.

HALF SIZE SCALE: 1"= FULL SIZE SCALE:



PROPOSED BARRICADES OR TRAFFIC CONES

THE CRUSHED AGGREGATE BASE COURSE (209) SHALL BE PLACED IN ACCORDANCE WITH ITEM 209 "CRUSHED AGGREGATE BASE COURSE" AS STATED ON PAGE 92 OF THE ILLINOIS STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED APRIL 1, 2012.

THE CRUSHED AGGREGATE BASE COURSE MATERIAL (CA-6) WILL BE USED TO FILL IN AREAS THAT DO NOT MATCH THE PROPOSED SUB-BASE ELEVATIONS. THE CRUSHED AGGREGATE BASE COURSE MATERIAL WILL BE VARIABLE IN DEPTH AND COMPACTED TO NOT LESS THAN 95 PERCENT DENSITY.

THE PROPOSED AGGREGATE FOR THE BASE COURSE MATERIAL SHALL MEET THE REQUIREMENTS OF GRADATION "B" IN TABLE 1 OF THE SUPPLEMENTAL SPECIFICATIONS

209-3.2 EQUIPMENT. ADD THE FOLLOWING PARAGRAPHS TO THIS

"PROVISIONS SHALL BE MADE BY THE CONTRACTOR FOR FURNISHING WATER AT THE PLANT AND AT THE SITE OF THE WORK BY EQUIPMENT OF AMPLE CAPACITY AND OF SUCH DESIGN AS TO ASSURE UNIFORM

THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER A PROCTOR CURVE SHOWING OPTIMUM DENSITY AND MOISTURE FOR THE SUPPLIED BASE COURSE MATERIAL.

THE COMPACTION CONTROL TEST TO BE USED SHALL BE FAA COMPACTION CONTROL TEST T-611 FOR AIRCRAFT WEIGHING LESS THAN 60.000 LBS.

209-4.1. DELETE THE FIFTH SENTENCE AND REPLACE IT WITH THE

"IF AT THE TIME THE AGGREGATES ARE WEIGHED THEY CONTAIN MORE THAN SIX (6) PERCENT OF ABSORBED AND FREE MOISTURE BY WEIGHT, A DEDUCTION FOR THE MOISTURE IN EXCESS OF THIS AMOUNT SHALL BE MADE IN DETERMINING THE PAY QUANTITY."

209-5.1 ADD THE FOLLOWING TO THIS SECTION AR209510 CRUSHED AGGREGATE BASE COURSE\_\_\_ PER TON

### AR401613 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 127 OF THE ILLINOIS STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED APRIL 1, 2012.

THIS ITEM OF WORK SHALL CONSIST OF CONSTRUCTING: 1 LIFT OF BITUMINOUS SURFACE COURSE-METHOD 1. SUPERPAVE (2 INCH DEPTH) ON THE EXISTING AGGREGATE BASE COURSE: CONSTRUCTING A VARIABLE LIFT OF BITUMINOUS SURFACE COURSE-METHOD 1, SUPERPAVE ON THE EXISTING BITUMINOUS BASE/SURFACE COURSE: AND CONSTRUCTING A 2 INCH SURFACE LIFT OF BITUMINOUS SURFACE COURSE-METHOD 1, SUPERPAVE ON THE EXISTING/PROPOSED BITUMINOUS BASE/SURFACE COURSE.

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 LISING 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.

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 247 OF THE ILLINOIS STANDARD SPECIFICATION FOR CONSTRUCTION OF AIRPORTS, ADOPTED APRIL 1, 2012.

THE PROPOSED BITUMINOUS PRIME COAT SHALL BE PLACED ON THE PROPOSED AGGREGATE BASE COURSE PRIOR TO THE PLACEMENT OF THE FIRST LIFT OF PROPOSED BITUMINOUS BASE COURSE. THE PROPOSED AGGREGATE BASE COURSE SHALL HAVE A PRIME COAT OF BITUMINOUS MATERIAL APPLIED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.

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

#### 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 250 OF THE ILLINOIS STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED APRIL 1, 2012.

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

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

#### SIDEWALK REMOVAL AND REPLACEMENT

THE AREA(S) DESIGNATED AS ON THIS SHEET WILL HAVE THE EXISTING SIDEWALK ADJUSTED TO MATCH THE PROPOSED PAVEMENT. ALL REMOVED MATERIAL WILL BE DISPOSED OF OFF THE AIRPORT SITE.

THE EXISTING SIDEWALK WILL BE REMOVED TO THE JOINT THAT IS NEAREST TO THE DIMENSIONS SHOWN ON THIS SHEET.

ALL REMOVED MATERIAL WILL BE DISPOSED OF OFF THE AIRPORT SITE IN A

THE SIDEWALK WILL BE REPLACED IN ACCORDANCE WITH THE WIDTHS AND DEPTHS OF THE SIDEWALKS REMOVED AND IN ACCORDANCE WITH THE

THE CONTRACTOR WILL INSTALL A HAND TOOLED JOINT AT A DISTANCE OF 6' FROM THE EDGE OF THE PROPOSED BITUMINOUS PAVEMENT.

THE REMOVAL OF THE SIDEWALKS WILL BE PAID FOR UNDER: AR501924 "PCC SIDEWALK REMOVAL"\_\_\_\_ PER S.F.

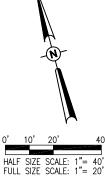
THE REPLACEMENT OF THE SIDEWALKS WILL BE PAID FOR UNDER: AR501604 "4" PCC SIDEWALK"\_\_\_\_\_ PER S.F.

### **LEGEND**

EXISTING IMPROVEMENTS EXISTING BUILDINGS

PROPOSED BITUMINOUS PAVEMENT

PROPOSED SIDEWALK REMOVAL AND REPLACEMENT



VEM, LITATE PAV HANGAR" 

401-6.1 ADD THE FOLLOWING TO THIS SECTION AR401613 BIT. SURF. CSE-METHOD I, SUPERPAVE \_\_\_\_ PER TON

HANSON

PROPOSED CONCRETE PAVEMENT

#### AR401655 BUTT JOINT CONSTRUCTION NOTES

THE PROPOSED BUTT JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ITEM AR401655 "BUTT JOINT CONSTRUCTION" AS STATED ON PAGE 152 OF THE ILLINOIS STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED APRIL 1, 2012.

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.

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

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

#### **PAVEMENT SAWING**

THE EXISTING BITUMINOUS PAVEMENT WILL BE SAWED AS SHOWN ON THIS SHEET FULL DEPTH TO PROVIDE FOR THE INSTALLATION OF THE 6" PCC CONCRETE PAVEMENT AND FOR THE BITUMINOUS PAVEMENT REMOVAL.

THE RESIDENT ENGINEER WILL MARK THE PROPOSED SAW LINE IN THE FIELD.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM: AR401665 "BITUMINOUS PAVEMENT SAWING" - PER L.F.

#### INSPECTION HOLE ADJUSTMENT NOTE

THE EXISTING INSPECTION HOLE IS IN THE BITUMINOUS PAVEMENT REMOVAL AREA. THE CONTRACTOR WILL PROTECT THE INSPECTION HOLE FROM DAMAGE AND DEBRIS ENTERING THE ASSOCIATED VERTICAL PLASTIC PIPE.

ONCE THE PAVEMENT HAS BEEN REMOVED, THE CONTRACTOR WILL ADJUST THE EXISTING FRAME AND LID TO THE PROPOSED GRADE AND PLACE THE LIFTS OF BITUMINOUS AROUND THE INSPECTION HOLE USING HAND TAMPING DEVICES TO PREVENT DAMAGE TO THE VERTICAL PLASTIC PIPE.

THE ADJUSTMENT OF THE INSPECTION HOLE WILL BE PAID FOR UNDER ITEM: AR705943 "ADJUST UNDERDRAIN INSP. HOLE"\_\_\_ PER EACH

#### BITUMINOUS PAVEMENT MILLING

THE AREA(S) DESIGNATED AS ON THIS SHEET WILL BE CUT OR RIMMED AS SHOWN ON THE CROSS-SECTIONS TO PROVIDE FOR A 2" INCH NOMINAL BITUMINOUS OVERLAY. THE CUTTING OR TRIMMING WILL BE DONE BY ROTO-MILLING. THE TOLERANCE OF THE MILLING WILL BE AS STATED IN

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

ALL MILLED MATERIAL WILL BE DISPOSED OF ON THE AIRPORT SITE. THE MILLED MATERIAL WILL BE STOCKPILED EAST OF THE PROPOSED CONSTRUCTION SITE (APPROXIMATELY 200' AWAY) AS DIRECTED BY THE AIRPORT MANAGER.

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

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.

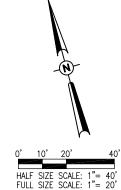
#### REMOVE BITUMINOUS PAVEMENT

THE AREA(S) DESIGNATED AS  $\hfill \hfill \h$ ALL REMOVED MATERIAL WILL BE DISPOSED OF OFF THE AIRPORT SITE.

WHERE THE PROPOSED REMOVAL AREA ABUTTS THE EXISTING PAVEMENT, THE PAVEMENT WILL BE SAWED AS SHOWN ON THIS SHEET. THE SAWING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED PAVEMENT REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM: AR401900 "REMOVE BITUMINOUS PAVEMENT" - PER S.Y.



LITATE PAVEME HANGAR "G"

\B|L BY

HANSON

Spring (217) 7

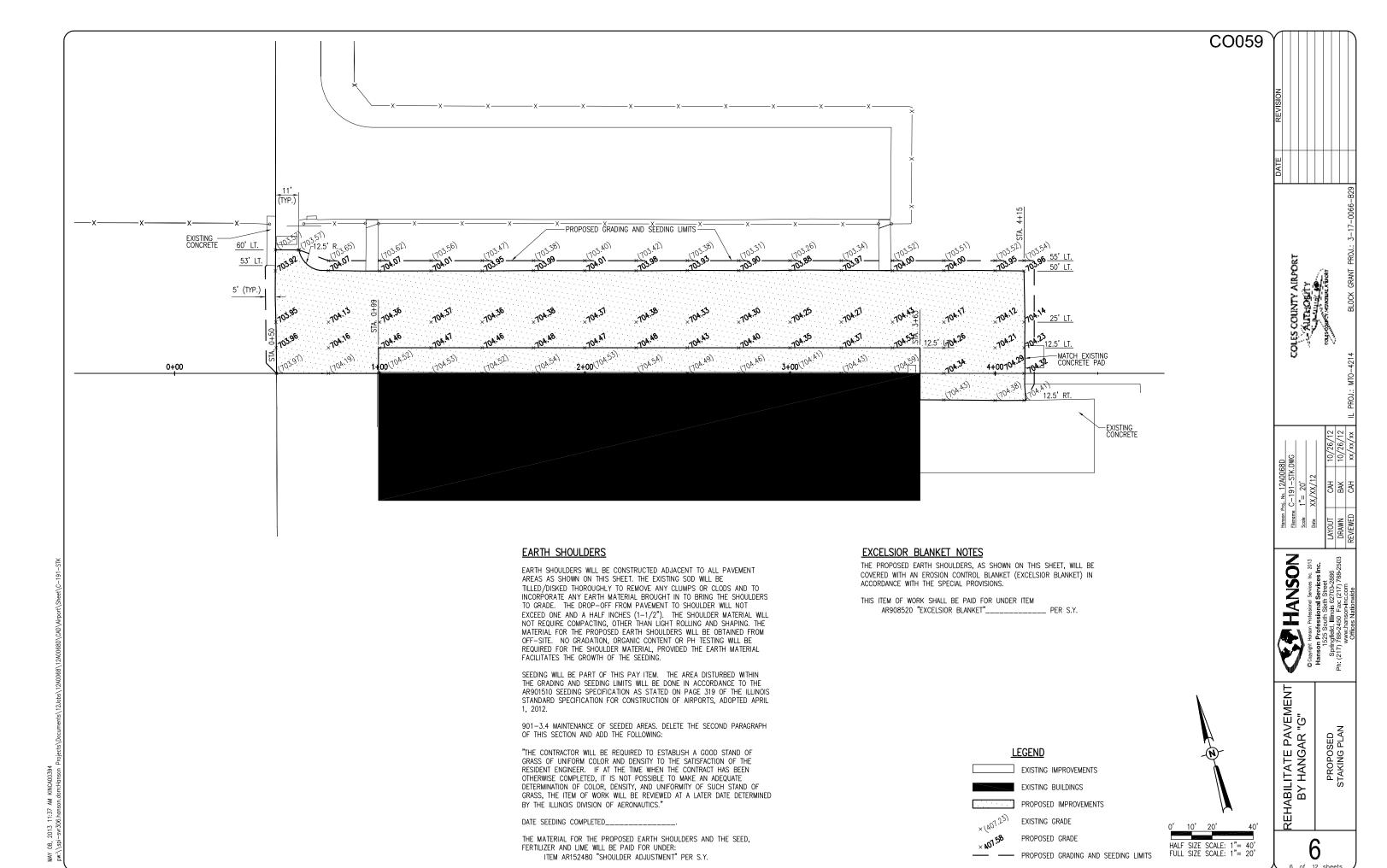
EXISTING IMPROVEMENTS

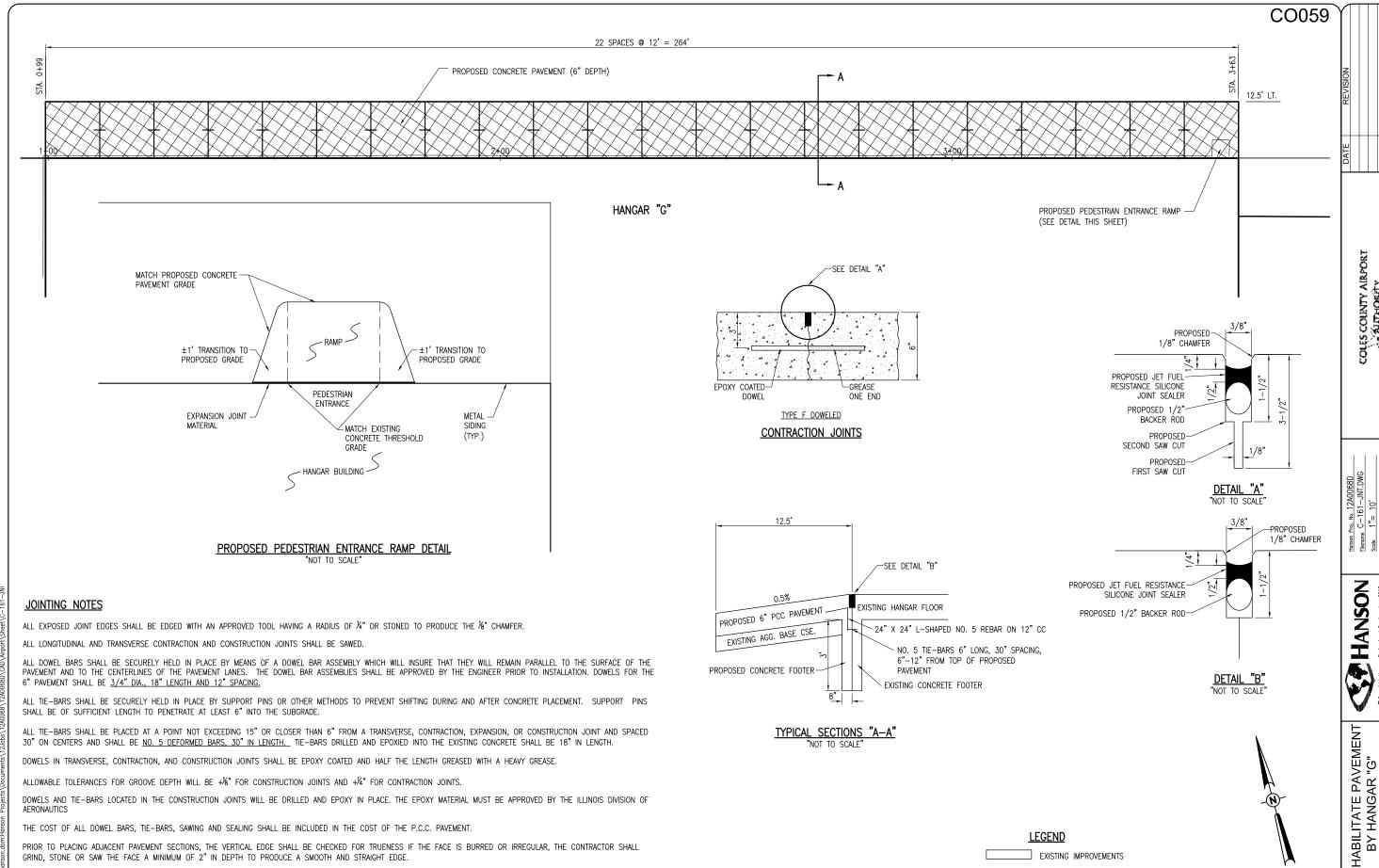
EXISTING BUILDINGS

PROPOSED IMPROVEMENTS

PROPOSED BUTT JOINT CONSTRUCTION PROPOSED REMOVAL OF BITUMINOUS PAVEMENT

PROPOSED BITUMINOUS PAVEMENT MILLING





EXISTING BUILDINGS

PROPOSED CONCRETE PAVEMENT

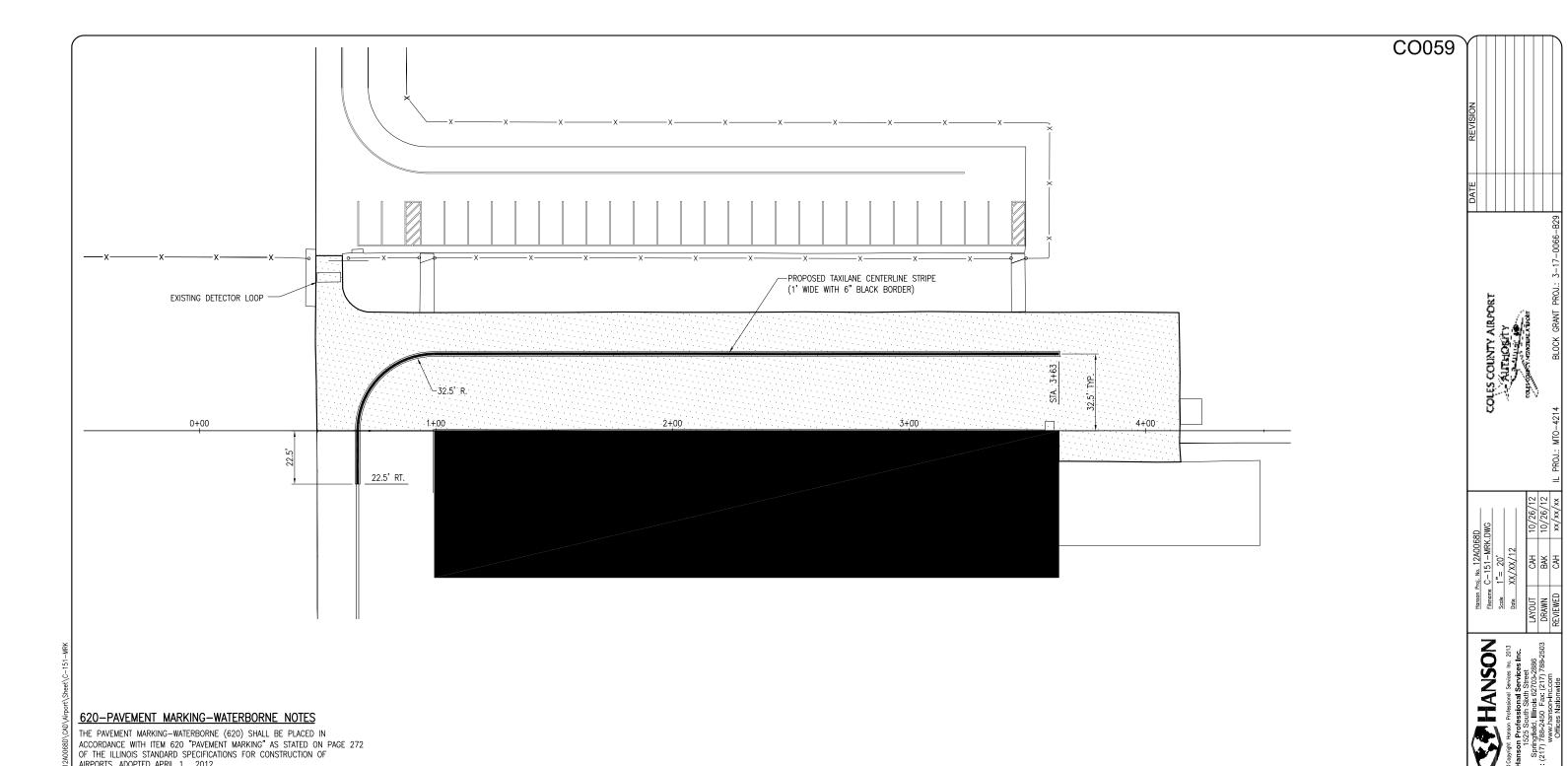
PROPOSED TYPE F CONTRACTION JOINT

HALF SIZE SCALE: FULL SIZE SCALE:

JOINT SEALANT SHALL BE AS SPECIFIED IN THE STANDARD SPECIFICATIONS ITEM 501-2.5.

ALL NON-ALIGNED EDGES WILL BE SAWED FULL DEPTH.

CURING COMPOUND WILL BE AS SPECIFIED IN THE STANDARD SPECIFICATIONS, ITEM 501-3.17 AND SHALL BE APPROVED PRIOR TO THE PAVING OPERATION BY THE ENGINEER.



#### 620-PAVEMENT MARKING-WATERBORNE NOTES

THE PAVEMENT MARKING-WATERBORNE (620) SHALL BE PLACED IN ACCORDANCE WITH ITEM 620 "PAVEMENT MARKING" AS STATED ON PAGE 272 OF THE ILLINOIS STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED APRIL 1 , 2012.

THIS ITEM SHALL CONSIST OF TAXILANE CENTERLINE IN ACCORDANCE WITH THESE SPECIFICATIONS AND AT THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS. ALL MARKING WILL BE YELLOW IN COLOR WITH A 6-IN BLACK BORDER. 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.

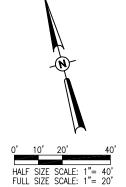
ALL PROPOSED MARKING WILL BE COMPLETED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE CONSTRUCTION PLANS.

GLASS BEADS SHALL BE REQUIRED ONLY ON THE SECOND APPLICATION OF

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. AR620525 PAVEMENT MARKING-BLACK BORDER \_\_\_ PER S.F.

MARKING QUANTITIES					
DESCRIPTION	UNIT AREA	NO. REQUIRED	TOTAL AREA		
TAXILANE CENTERLINE STRIPE	328	1	328		
		TOTAL YELLOW	328		
TAXILANE CENTERLINE STRIPE (BLACK BORDER)	329	1	329		
		TOTAL BLACK	329		
		TOTAL MARKING	657		



**LEGEND** 

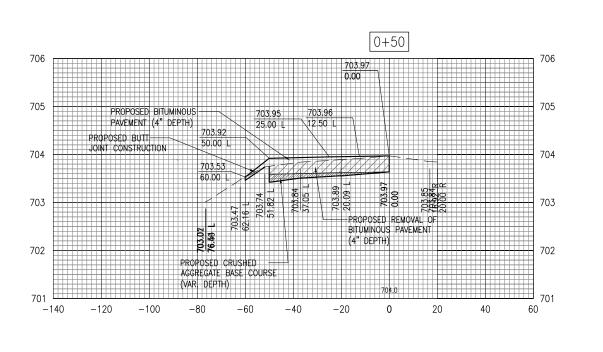
EXISTING MARKING

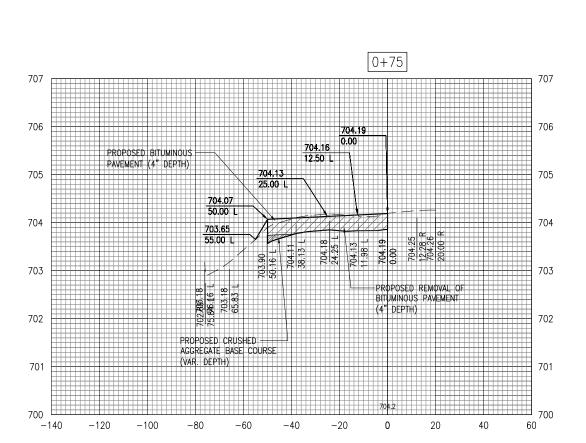
EXISTING IMPROVEMENTS

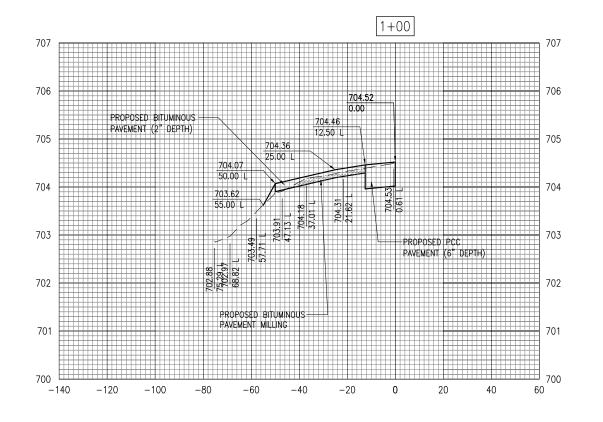
EXISTING BUILDINGS PROPOSED IMPROVEMENTS

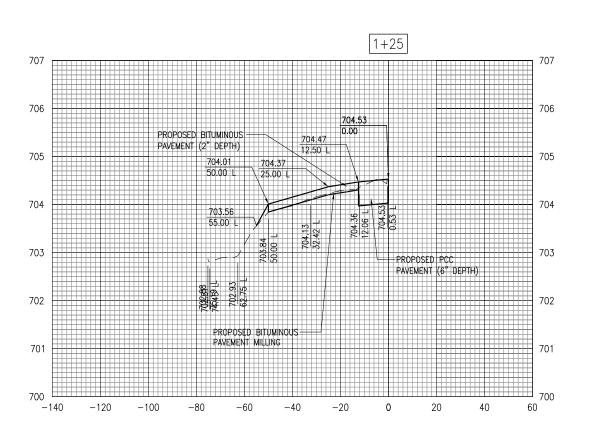
PROPOSED MARKING

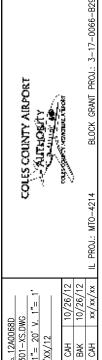
10' 20' 40'	REHABILITATE PAVEMENT BY HANGAR "G"	PROPOSED MARKING PLAN
SIZE SCALE: 1"= 40' SIZE SCALE: 1"= 20'	3	3









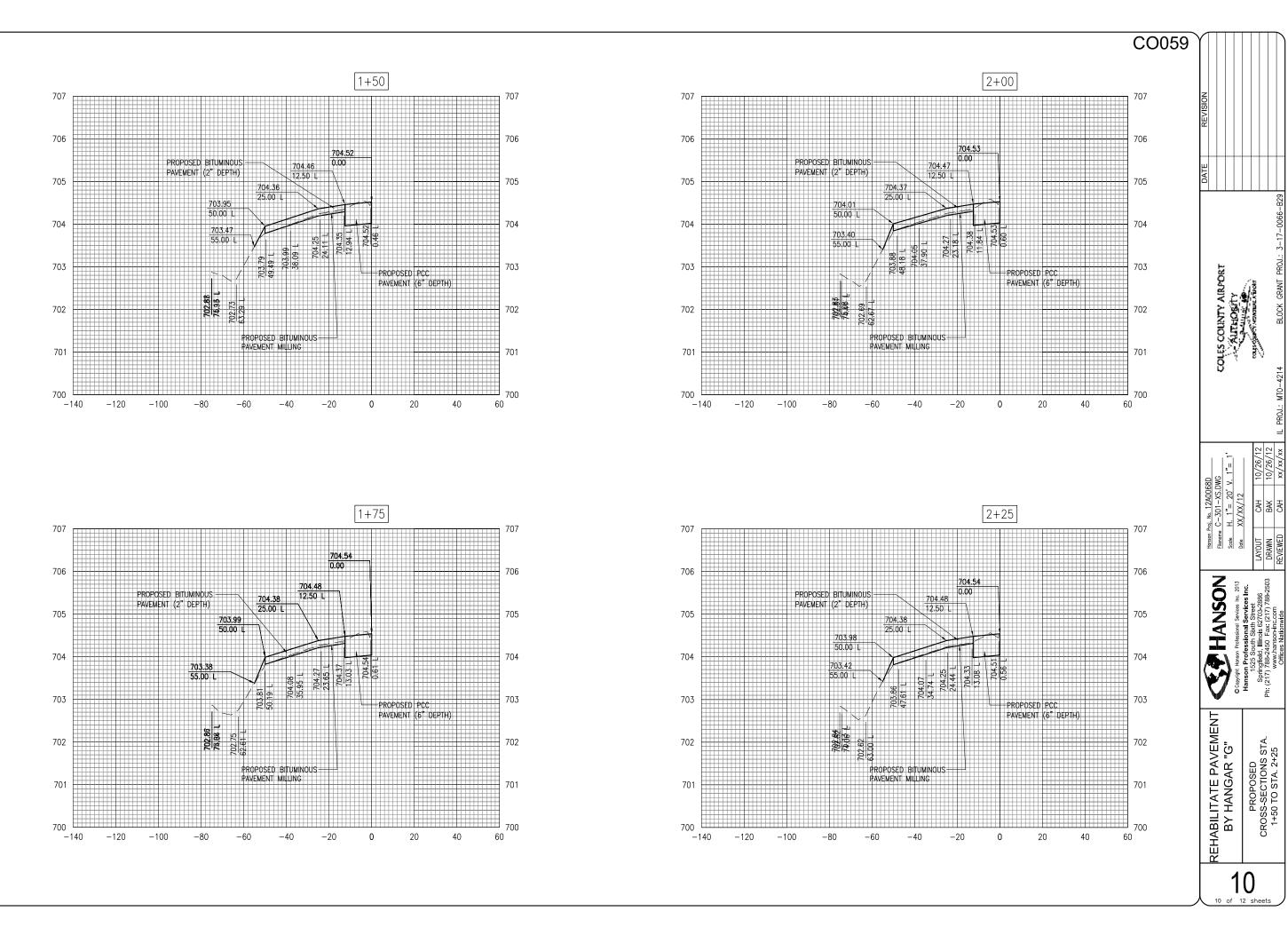


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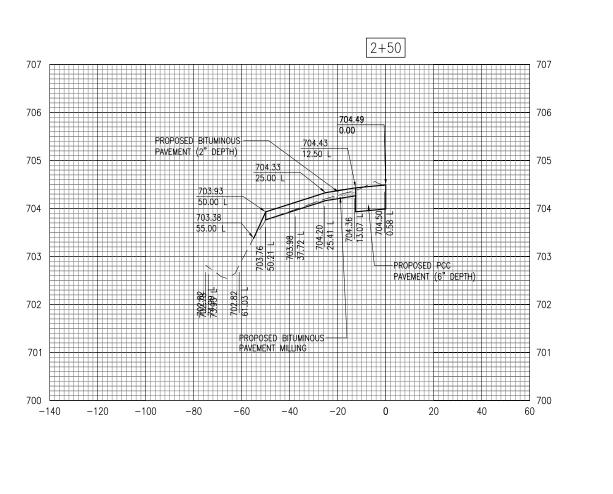
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Hanson Professional Services Inc.
1525 South Sixth Street
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Offices Nationalide

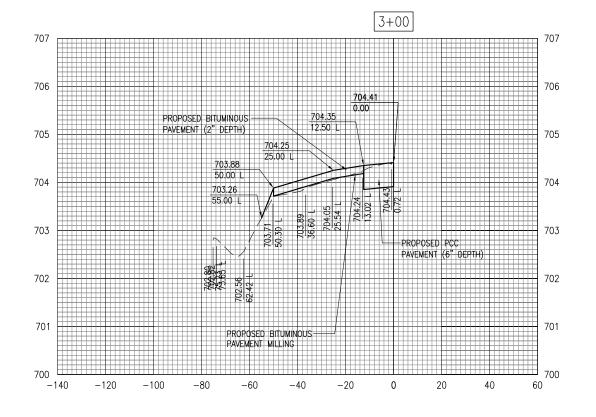
REHABILITATE PAVEMENT
BY HANGAR "G"
PROPOSED
CROSS-SECTIONS
STA. 0+50 TO STA. 1+25

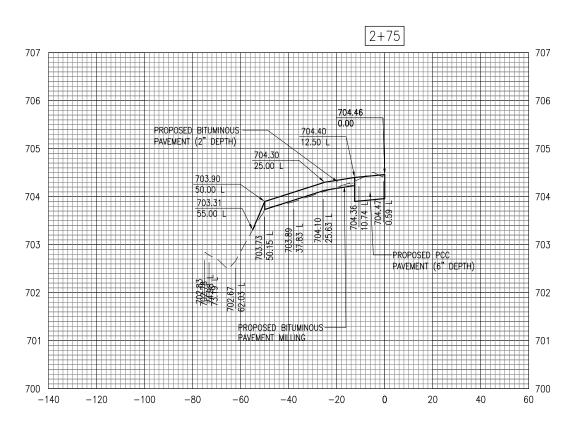
9 of 12 sheets

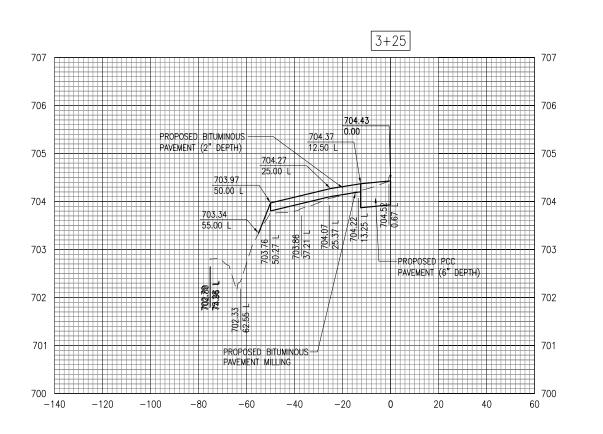


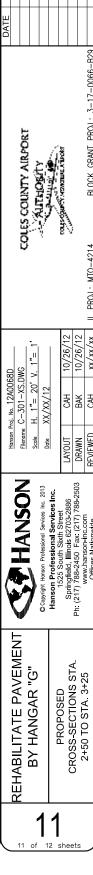
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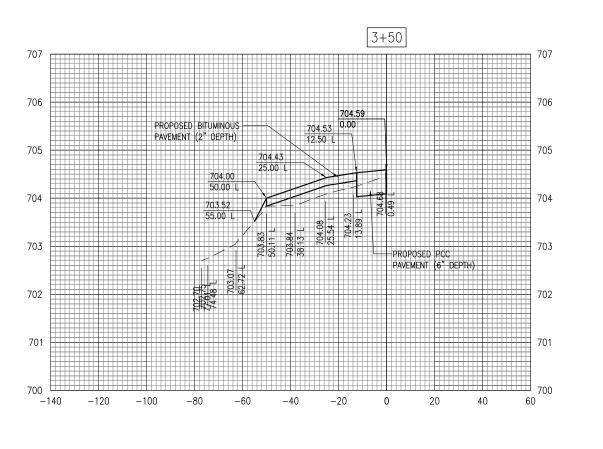


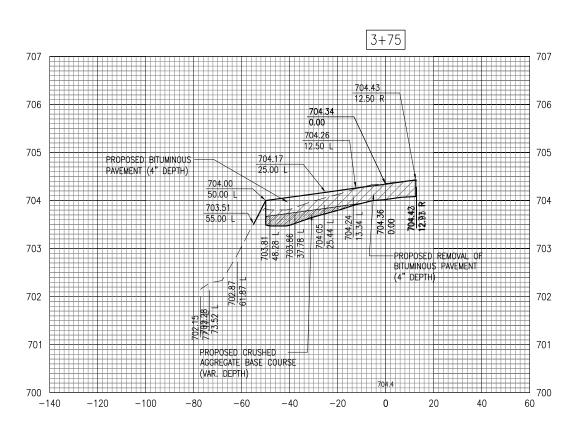


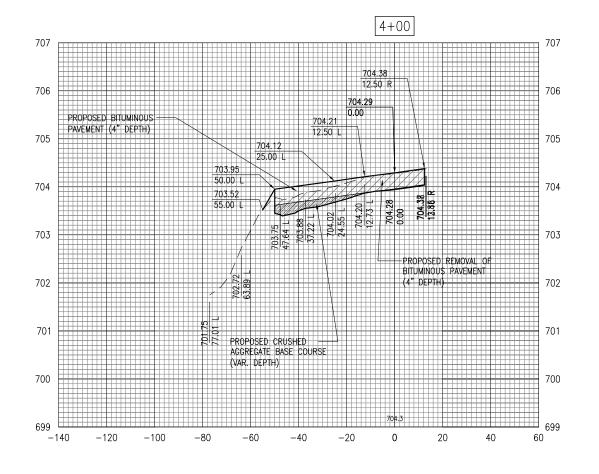


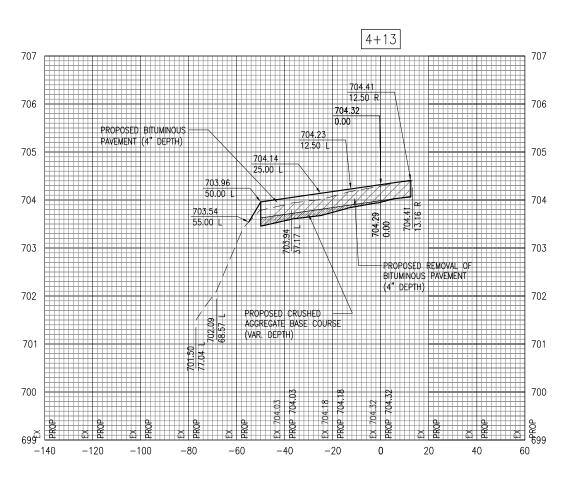
Springfield, Ph: (217) 788-24

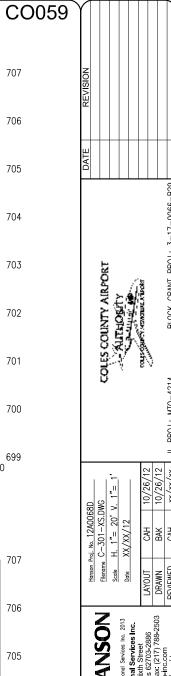
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Harson Professional Services Inc.
1625 South Sixth Street
Springfield, Illinois 62703-2886
Phr. (217) 788-2450 Fax. (217) 788-2503
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REHABILITATE PAVEMENT
BY HANGAR "G"
PROPOSED
CROSS-SECTIONS STA.
3+75 TO STA. 4+00

12 12 of 12 sheets