PN007 **TOTAL SHEETS - 9**

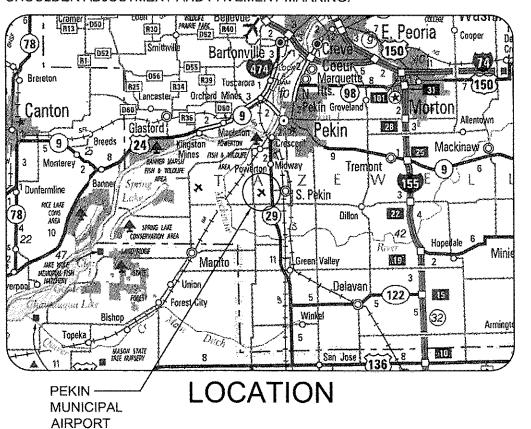
CONSTRUCTION PLANS FOR

PEKIN MUNICIPAL AIRPORT PEKIN, TAZWELL COUNTY, ILLINOIS

REHABILITATE THE WEST APRON

SCOPE OF WORK

THIS PROJECT CONSISTS OF THE REHABILITATION OF APPROXIMATELY 18,486 SQ. YDS. OF BITUMINOUS PAVEMENT ON THE WEST APRON. THE REHABILITATION SHALL CONSIST OF 2 IN. DEEP BITUMINOUS PAVEMENT MILLING, 5/8 IN. POROUS FRICTION COURSE AND 1-1/2 IN. OF BITUMINOUS SURFACE COURSE. ASSOCIATED WORK SHALL INCLUDE CLEAN AND SEAL BITUMINOUS CRACKS, REMOVAL AND REPLACEMENT OF AIRCRAFT TIE DOWNS. SHOULDER ADJUSTMENT AND PAVEMENT MARKING.



ILL. PROJ.:

C15-4264 S.B.G. PROJ.: 3-17-0078-B14

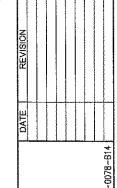
LATITUDE: LONGITUDE: **ELEVATION:** DATE:

40° 29' 17" 89° 40' 33" 530.0' M.S.L APRIL 26, 2013 **HANSON**

11/30/2013

LICENSED **PROFESSIONAL** ENGINEER

ILLINO19



LOCATION OF COUNTY

SUMMARY OF QUANTITIES						
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITIES	AS BUIL		
AR150510	ENGINEER'S FIELD OFFICE	L.S.	1	<u> </u>		
AR150530	TRAFFIC MAINTENANCE	L.S.	1	***************************************		
AR150540	HAUL ROUTE	L.S.	1			
AR152480	SHOULDER ADJUSTMENT	S.Y.	540			
AR201661	CLEAN & SEAL BITUMINOUS CRACKS	L.F.	800			
AR401614	BIT. SURF. CSE. — METHOD II, SUPERPAV	TON	1,636	*		
AR401650	BITUMINOUS PAVEMENT MILLING	S.Y.	18,486			
AR402620	POROUS FRICTION COURSE, 5/8"	S.Y.	18,486			
AR510510	TIE DOWN	EACH	15	1		
AR510900	REMOVE TIE DOWN	EACH	45	1		
AR603510	BITUMINOUS TACK COAT	GAL	9,243	1		
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	1,142	1		
AR620525	PAVEMENT MARKING-BLACK BORDER	S.F.	932	†		

INDEX TO SHEETS				
SHEET NO.	DESCRIPTION			
1	COVER SHEET			
2	SUMMARY OF QUANTITIES AND INDEX TO SHEETS			
3	PROPOSED SAFETY PLAN			
4	PROPOSED PAVEMENT PREPARATION PLAN			
5	PROPOSED CONSTRUCTION PLAN			
6	PROPOSED CONSTRUCTION DETAILS			
. 7	EXISTING AND PROPOSED TYPICAL SECTIONS			
8	PROPOSED GRADING PLAN			
9	PROPOSED MARKING PLAN			

PEKIN MUNICIPAL AIRPORT PEKIN, ILLINOIS

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Hanson Professional Services Inc. 1525 South Sixth Street
Springfield, Illinois 62703-2886
Ph; (217) 788-2456 Fax; (217) 788-2503

REHABILITATE THE WEST APRON

SUMMARY OF QUANTITIES
AND INDEX TO SHEETS

2 of 9 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 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 REPAIR ANY DAMAGED AREAS OF THE HAUL ROUTE AND PARKING AREA AS NEEDED TO RESTORE IT TO ITS' 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 THIS AREA OR THE 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 THE RUNWAY OPEN AT ALL TIMES.

NO OPEN HOLES OR TRENCHES WILL BE ALLOWED WITHIN 75' OF AN ACTIVE RUNWAY OR WITHIN 65.5' OF AN ACTIVE TAXIWAY OR TAXILANE. NOR WILL EITHER HOLES OR OPEN TRENCHES BE ALLOWED TO REMAIN EXPOSED OR OPEN OVERNIGHT UNLESS ADEQUATELY PROTECTED BY BARRICADES OR PREVIOUSLY AUTHORIZED BY THE RESIDENT ENGINEER.

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). 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 (122.80 MHz.) WITH THE AIRPORT UNICOM. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE PEKIN MUNICIPAL 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

LEGEND

EXISTING IMPROVEMENTS

PROPOSED IMPROVEMENTS

EXISTING BUILDINGS

PROPOSED HAUL ROUTE AND EQUIPMENT PARKING AREA

PROPOSED BARRICADES OR TRAFFIC CONES

SCOPE OF WORK

THIS PROJECT CONSISTS OF THE REHABILITATION OF APPROXIMATELY 18,486 SQ. YOS. OF BITUMINOUS PAVEMENT ON THE WEST APRON. THE REHABILITATION SHALL CONSIST OF 2 IN. DEEP BITUMINOUS PAVEMENT MILLING, 5/8 IN. POROUS FRICTION COURSE AND 1-1/2 IN, OF BITUMINOUS SURFACE COURSE. ASSOCIATED WORK SHALL INCLUDE CLEAN AND SEAL BITUMINOUS CRACKS, REMOVAL AND REPLACEMENT OF AIRCRAFT TIE DOWNS, SHOULDER ADJUSTMENT AND PAVEMENT MARKING

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. ALL ACCESS GATES WILL BE CLOSED AT ALL TIMES WHEN NOT IN USE. IF CONTINUOUS HAULING IS REQUIRED, THEN THE GATE ACCESS WILL BE MONITORED TO PREVENT A BREACH FROM OUTSIDE, NON-CONSTRUCTION RELATED TRAFFIC.

RUNWAY AND TAXIWAY CLOSURE PROCEDURES

NO RUNWAY CLOSURE WILL BE REQUIRED, TAXIWAY "B" SHALL BE CLOSED FOR THE DURATION OF THE PROJECT. THE AIRPORT MANAGER OR REPRESENTATIVE WILL ISSUE ALL APPLICABLE NOTAM'S TO OPEN AND CLOSE THE RUNWAYS AND TAXIWAYS

THE CONTRACTOR WILL OBTAIN APPROVAL FROM THE AIRPORT MANAGER OR REPRESENTATIVE PRIOR TO ENTERING ONTO ANY TAXIWAY

THE CONTRACTOR WILL CONTACT THE AIRPORT MANAGER OR REPRESENTATIVE FOR VERIFICATION OF TAXIWAY CLOSURE PRIOR TO ENTERING ONTO A TAXIWAY TO PLACE EQUIPMENT SUCH AS BARRICADES, THE AIRPORT MANAGER OR REPRESENTATIVE WILL DIRECT THE LOCATION OF SUCH EQUIPMENT.

THE CONTRACTOR WILL CONTACT THE AIRPORT MANAGER OR REPRESENTATIVE OF WORK COMPLETION ON THE TAXIWAY PRIOR TO REMOVING ANY EQUIPMENT SUCH AS BARRICADES.

THE AIRPORT MANAGER OR REPRESENTATIVE WILL INSPECT THE AREA PRIOR TO REMOVING EQUIPMENT AND CANCELING NOTAM'S.

PROPOSED -

ACCESS

EXIST. RUNWAY 9-27 5000'x75'

CONTRACTOR

-- REHABILITATE

TXY. "B'

THE WEST

APRON

THE AIRPORT SPONSOR IS ULTIMATELY RESPONSIBLE FOR ACTIVELY PREVENTING RUNWAY INCURSIONS.

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 RE ALLOWED.

HEIGHT OF CONSTRUCTION EQUIPMENT

THE TALLEST EQUIPMENT EXPECTED TO BE REQUIRED FOR THE PROJECT IS A TRUCK WITH TRAILER IN THE UP POSITION. THE MAXIMUM ANTICIPATED HEIGHT OF THE TRUCK BED IS 25 FT.

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 150/5300-13A "AIRPORT

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

WHEN A RUNWAY IS CLOSED FOR CONSTRUCTION ACTIVITIES ITS ASSOCIATED NAVAID's/LIGHTING SYSTEMS MUST BE TURNED OFF AND NOTAM'd OUT OF SERVICE THROUGH ADVANCE COORDINATION WITH THE AIRPORT MANAGER.

AT THE DIRECTION OF THE AIRPORT MANAGER, OR RESIDENT ENGINEER, THE CONTRACTOR SHALL PLACE TRAFFIC CONES TO CREATE A TRAVEL LANE OR PATH FOR ONE-WAY TRUCK TRAFFIC.

PARKING

LOT

KEEP AREA IN

FRONT OF GATE

ACCESS FROM

PROPOSED

EQUIPMENT

MATERIAL

STORAGE

- TERMINAI

BLDG/HANGAR

PARKING &

PARKING LOT

J.U.L.I.E. INFORMATION

COUNTY..... TAZWELL _PEKIN TOWNSHIP CINCINNATI SECTION NO. 3.3 ADDRESS.

PEKIN MUNICIPAL AIRPORT 111 S. CAPITAL STREET PEKIN, ILLINOIS 61554

PROPOSED SAFETY PLAN

ALL PROVISIONS OF FAA ADVISORY CIRCULAR 150/5370-2F (OR THE LATEST REVISION), "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION" OF APPLY TO THIS CONTRACT, EXCEPT AS MODIFIED BY THIS SAFETY PLAN.

GENERAL - THE PEKIN MUNICIPAL AIRPORT IS COMPRISED OF ONE RUNWAY AND THE ASSOCIATED TAXIWAY SYSTEM. THE PROPOSED CONSTRUCTION WILL NOT NECESSITATE CLOSING THE RUNWAY.

FAA CRITERIA REQUIRES A RUNWAY BE CLOSED IF CONSTRUCTION ACTIVITIES OR PERSONNEL ARE WITHIN 75 FT. OF A RUNWAY CENTERLINE. THE PROPOSED CONSTRUCTION SHOULD NOT NECESSITATE ANY RUNWAY CLOSURES, THEREFORE, THE CONTRACTOR IS PROHIBITED FROM ENTERING THE RUNWAY SAFETY AREAS.

TAXIWAY "B" SHALL BE CLOSED FOR THE DURATION OF THIS PROJECT.

THE AREA OF THE APRON DESIGNATED TO BE REHABILITATED WILL BE CLOSED FOR THE DURATION OF THIS PROJECT. THE REMAINDER OF THE APRON, TAXIWAYS. & TAXILANES SHALL REMAIN OPEN.

THE CONTRACTOR WILL MINIMIZE THE LENGTH OF TIME THE APRON, A TAXIWAY OR TAXILANE WILL BE CLOSED. TEMPORARY TAXIWAY OR TAXILANE CLOSURE WILL BE COORDINATED WITH THE AIRPORT MANAGER. THE AIRPORT MANAGER WILL BE ADVISED IN ADVANCE OF THE CLOSURE IN ORDER TO ENSURE THE REQUIRED NOTAM IS ISSUED. ALL WORK INCLUDED IN CLOSING AND RE-OPENING THE APRON, A TAXIWAY OR TAXILANE WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

EROSION CONTROL

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

CRITICAL POINT DATA

LATITUDE: 40' 29' 21.88" LONGITUDE: 89° 40' 07.37' ELEVATION: 521.72' M.S.L.

PROPOSED

ACCESS

CONTRACTOR

PN007

ICIPAL AIRF I, ILLINOIS PEKIN MUNICI PEKIN, I

HANSON

HABILITATE TH WEST APRON

HALF SIZE SCALE: 1"= 400

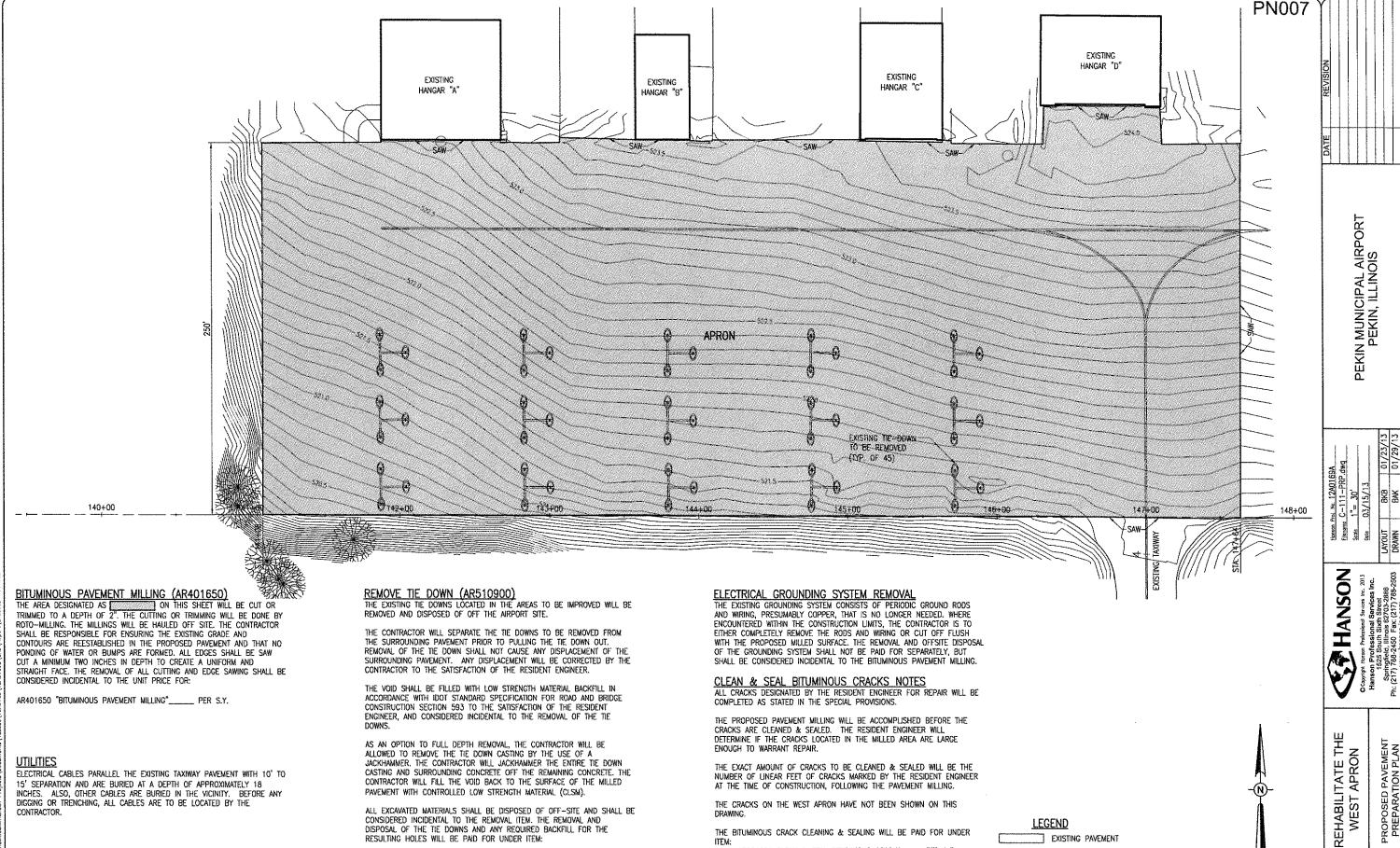
TAXIWAY-

HANGAR -

T-HANGAR

(P)

FULL SIZE SCALE: 1"=



THE BITUMINOUS CRACK CLEANING & SEALING WILL BE PAID FOR UNDER

AR201661 CLEAN & SEAL BITUMINOUS CRACKS ____ PER L.F.

EXISTING PAVEMENT

EXISTING TIE-DOWN

PROPOSED IMPROVEMENTS EXISTING BUILDING

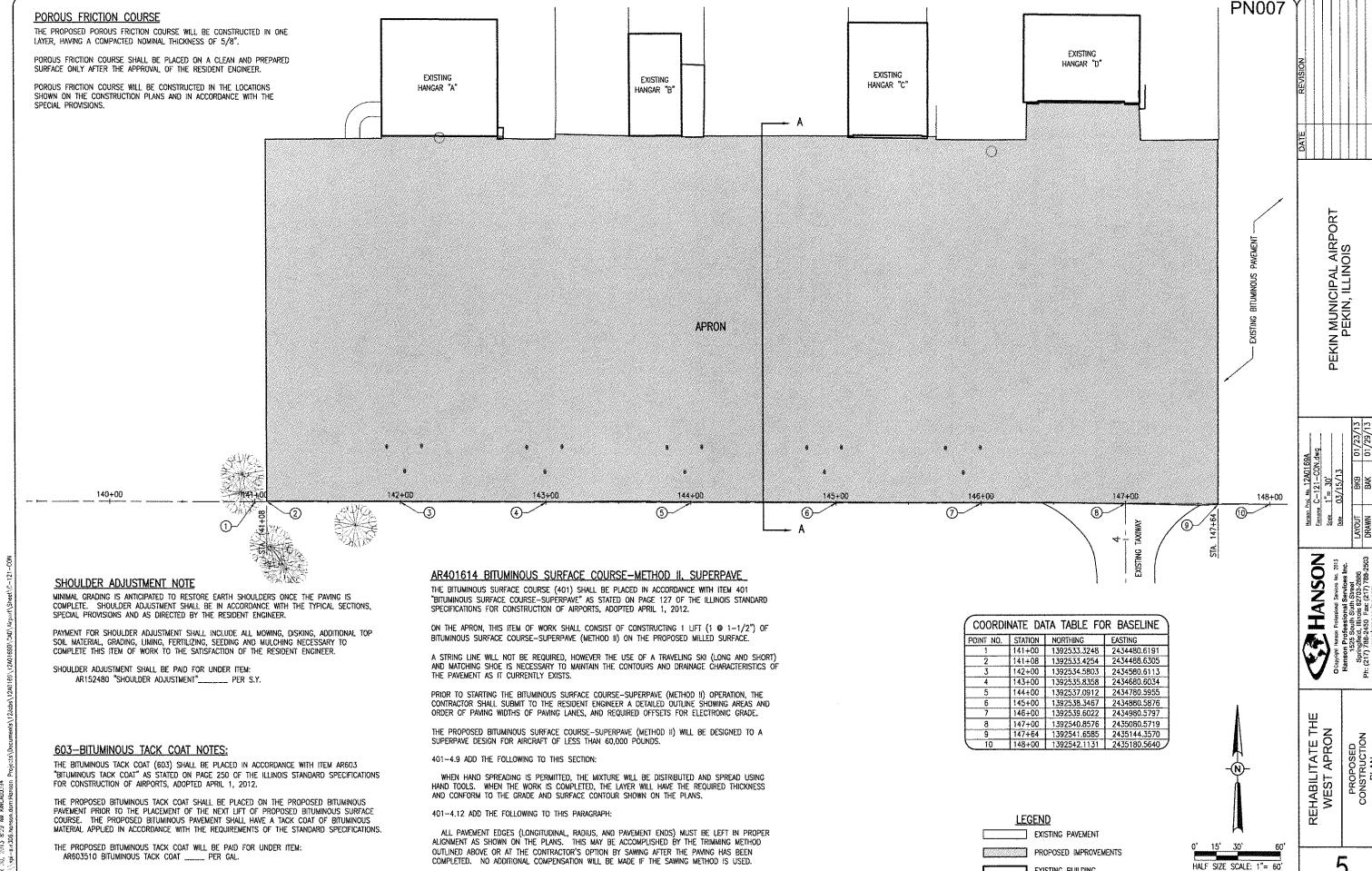
HALF SIZE SCALE: 1"= 60

FULL SIZE SCALE: 1"= 30"

DISPOSAL OF THE TIE DOWNS AND ANY REQUIRED BACKFILL FOR THE

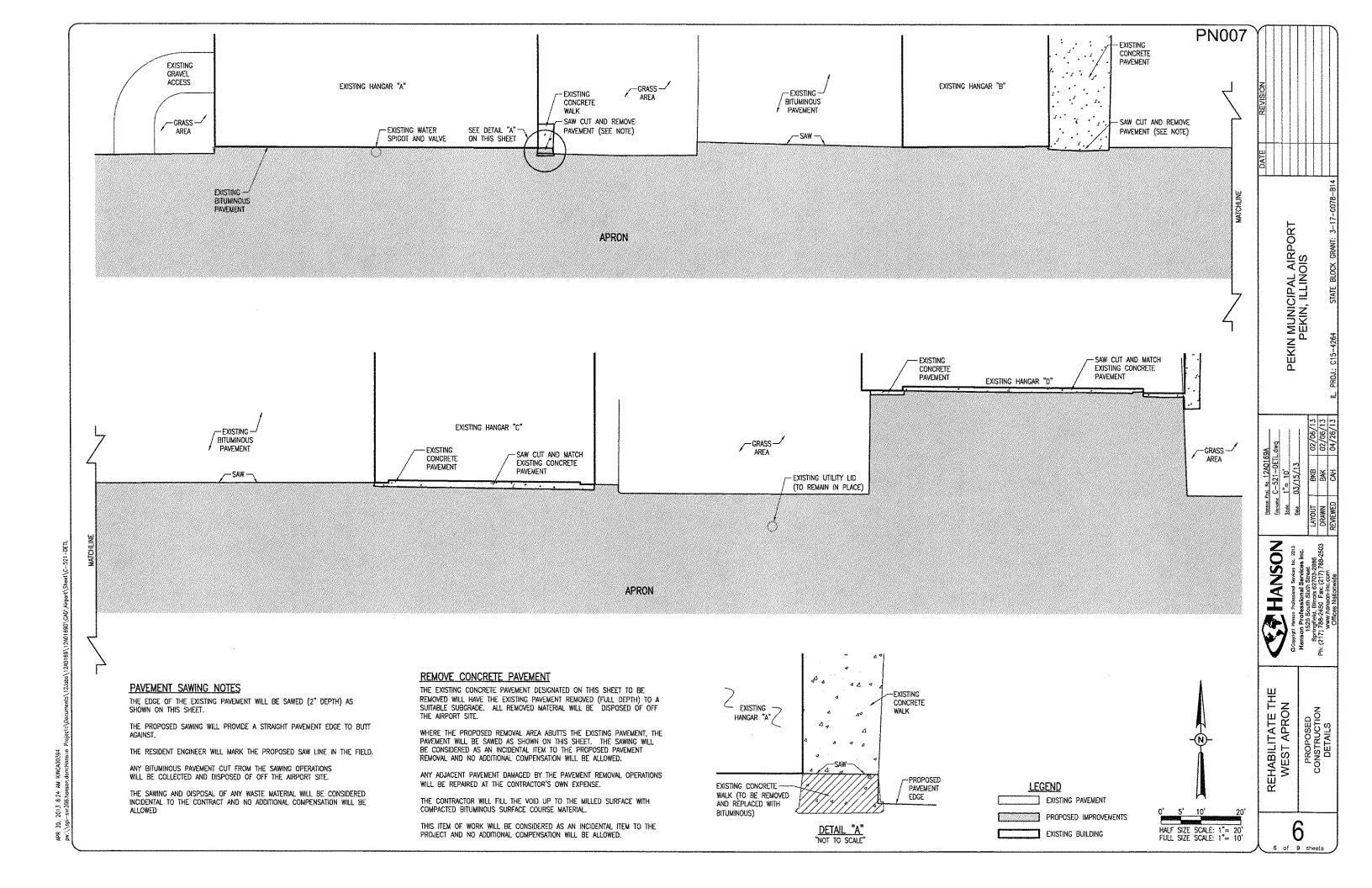
RESULTING HOLES WILL BE PAID FOR UNDER ITEM

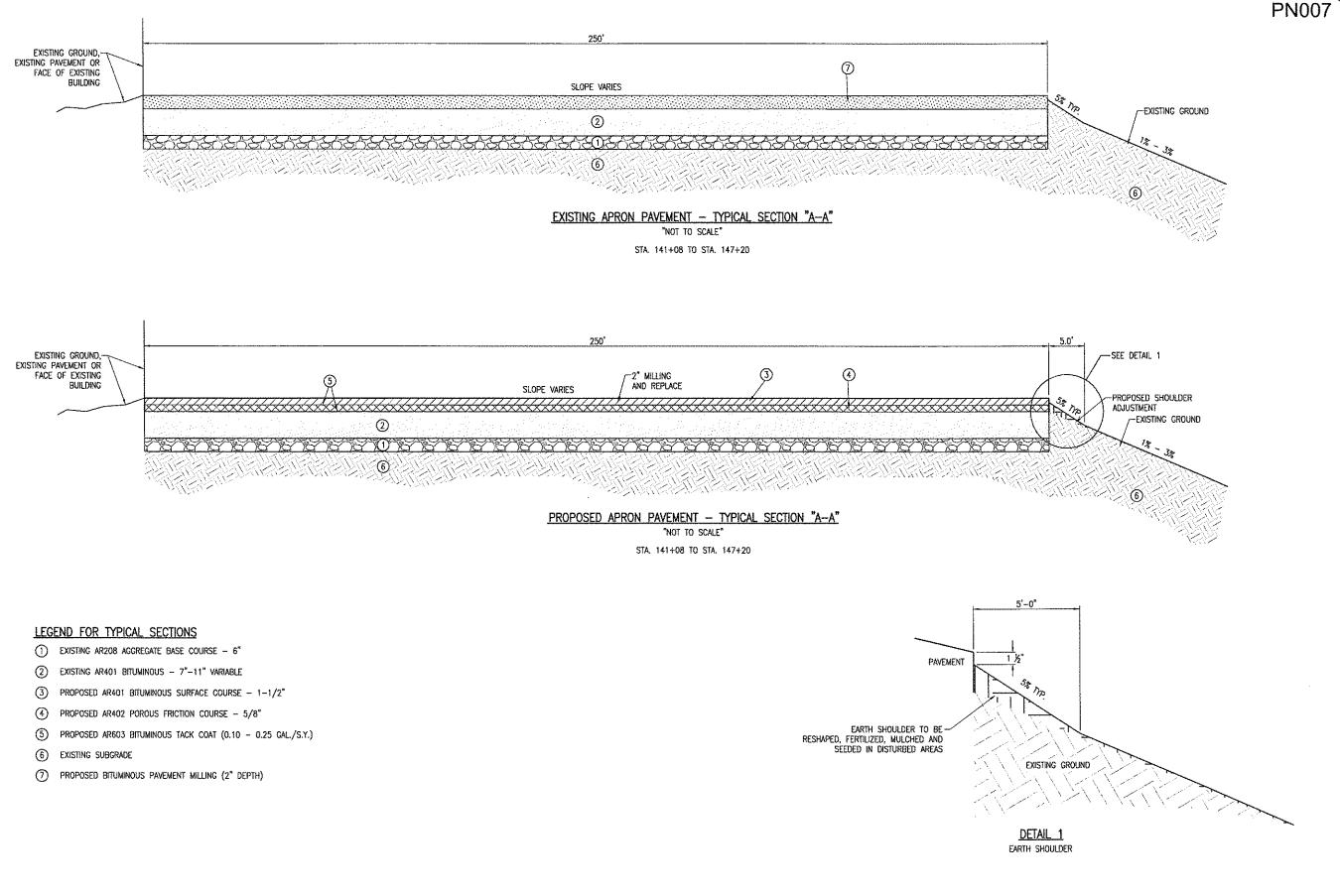
AR510900 REMOVE TIE DOWN_____PER EACH.



EXISTING BUILDING

FULL SIZE SCALE: 1"= 30"





APR 30, 2013 8:25 AM KINCADD394

NOTE:

THE CONTRACTOR WILL REGRADE, MULCH, AND SEED THE DISTURBED EARTH SHOULDER. SEEDING AND MULCHING SHALL BE IN ACCORDANCE WITH ITEMS 901 AND 908, RESPECTIVELY.

7 of 9 sheet

EXISTING AND PROPOSED TYPICAL SECTIONS

HANSON

REHABILITATE THE WEST APRON

PEKIN MUNICIPAL AIRPORT PEKIN, ILLINOIS

"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_

TTHE COST FOR PROPOSED SEEDING IS INCLUDED IN COST FOR "SHOULDER ADJUSTMENT*

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 COST FOR PROPOSED MULCHING IS INCLUDED IN COST FOR "SHOULDER ADJUSTMENT"

ITEM AR152480 "SHOULDER ADJUSTMENT" PER S.Y.

		-(v)-
LEG	<u>END</u>	da .
	EXISTING PAVEMENT	
	PROPOSED IMPROVEMENTS	
	EXISTING BUILDING	
•	PROPOSED TIE-DOWN	0' 15' 30' 60'
	PROPOSED SEEDING AND MULCHING LIMITS	HALF SIZE SCALE: 1"= 60' FULL SIZE SCALE: 1"= 30'

