CONSTRUCTION PLANS

RECONSTRUCTION OF SOUTHERN PORTION OF APRON

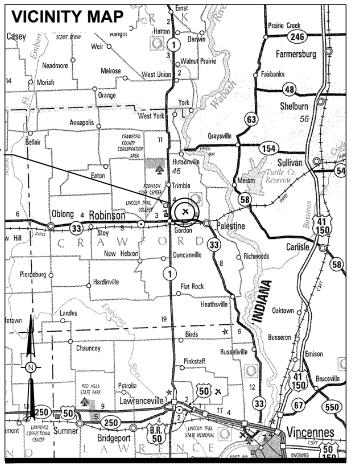
CRAWFORD COUNTY AIRPORT AUTHORITY CRAWFORD COUNTY AIRPORT (RSV) ROBINSON, CRAWFORD COUNTY, ILLINOIS

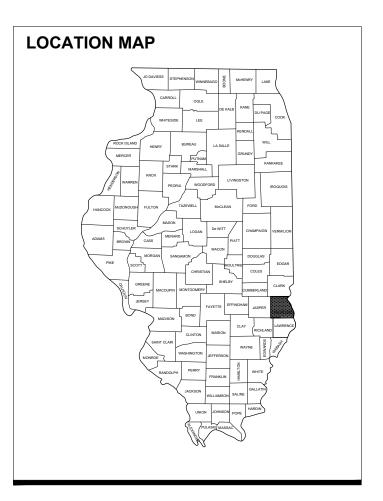
IDA PROJECT NO.: RSV-4514 AIP PROJECT NO.: 3-17-SBGP-133

CRAWFORD COUNTY

DATE OF PLANS:

March 3, 2017





NOTICE TO CONTRACTORS AND BIDDERS

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

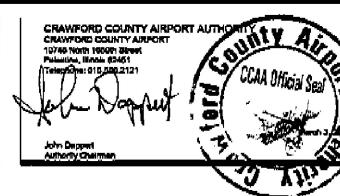
Issue/Description	Sheets Changed	Date	Ву
	Issue/Description	Issue/Description Sheets Changed	Issue/Description Sheets Changed Date

PREPARED BY:

HANSON

HANSON PROFESSIONAL SERVICES INC. 1525 South Sixth Street Springfield, Illinois 62703-2886 Telephone: 217.788.2450 Fax: 217.788.2503





SUMMARY OF QUANTITIES

GENERAL NOTES:

QUANTITIES

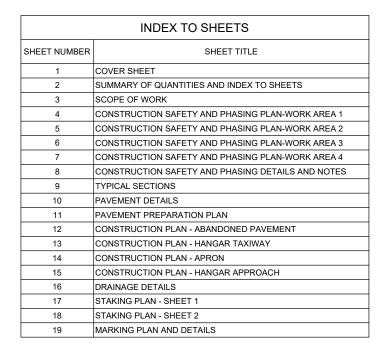
PAYMENT WILL BE MADE UNDER THE ITEM NUMBERS, DESCRIPTIONS AND UNITS NOTED IN THE ABOVE TABLE IN ACCORDANCE WITH THE BASIS OF PAYMENT FOR EACH RESPECTIVE WORK ITEM COMPLETED AND ACCEPTED BY THE ENGINEER.

CERITIFIED PAYROLLS

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

MATERIAL CERTIFICATIO

MATERIALS TO BE INCORPORATED INTO THE PROJECT CANNOT BE USED WITHOUT PRIOR APPROVAL. ALL MATERIALS TO BE USED IN THE PROJECT MUST BE SUBMITTED TO THE RESIDENT ENGINEER FOR APPROVAL. USE OF MATERIALS WITHOUT PRIOR APPROVAL AND ULTIMATELY DETERMINED TO BE UNACCEPTABLE BY THE ILLINOIS DIVISION OF AERONAUTICS ARE SUBJECT TO REMOVAL AND/OR NON-PAYMENT.



HANSON Engineering | Planning | Allied Services

Offices Nationwide

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Illinois Licensed Professional Service Corporation #184-001084

Crawford County Airport

10748 North 1650th St. Palestine, Illinois 62451

RECONSTRUCTION OF SOUTHERN PORTION OF APRON

IDA No: RSV-4514 AIP No: 3-17-SBGP-133

Contract No. RB021

NO.	DATE	DESCRIPTION			
NO.		DES	DWN	REV	
ISSUE: MARCH 3, 2017					
PROJECT NO: 16A0011D					

PROJECT NO: 16A0011D CAD FILE: G-002-FLP.DWG

DESIGN BY: JRH 11/30/2016 DRAWN BY: JRH 11/30/2016

REVIEWED BY:KBS 03/03/2017

SHEET TITLE

SUMMARY OF QUANTITIES AND INDEX TO SHEETS 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 ITS 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 THE RESIDENT ENGINEER/TECHNICIAN 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 LOCATED BY THE FAA. ALSO CONTACT AIRPORT MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES

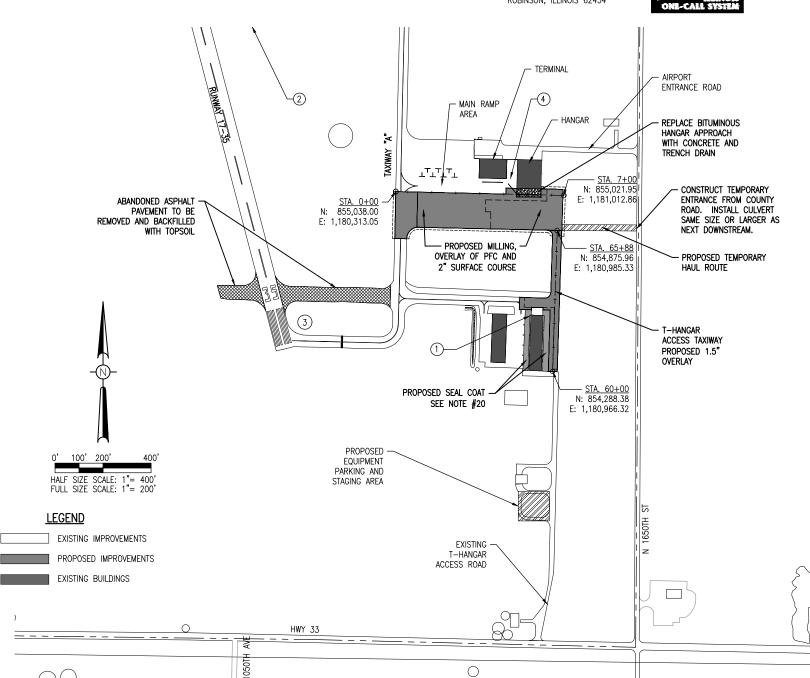
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HORIZONTAL AND VERTICAL CONTROL DATA				
NO.	. DESCRIPTION		EASTING	ELEV.
1	CHISELED SQUARE NW CORNER OF CONCRETE T-HANGAR FOUNDATION	854,523	1,180,875	450.29
2	NGS MONUMENT, TOP OF STAINLESS STEEL ROD IN SLEEVE	856,250.98	1,179,453.93	452.53
3	NGS MONUMENT, TOP OF STAINLESS STEEL ROD IN SLEEVE	854,486.33	1,179,930.02	449.98
4	CHISELED SQUARE AT SE CORNER OF CONCRETE PAD AT SE CORNER OF TERMINAL	855,093	1,180,777	452.37

SURVEY NOTES

- 1. ALL COORDINATE VALUES SHOWN IN TABLE ARE BASED ON ILLINOIS STATE PLANE - EAST ZONE NAD-83 (2007).
- 2. REFER TO IDOT STANDARD SPECIFICATIONS 50-06, CONSTRUCTION LAYOUT STAKES. FOR ADDITIONAL INFORMATION.

J.U.L.I.E.	INFORMATION	Cai Refi
COUNTY	CRAWFORD	You
CITY	ROBINSON	
TOWNSHIP	LAMOTTE	7.4
SECTION NO	28, 29 & 33	
ADDRESS	CRAWFORD COUNTY AIRPORT	- II /I I
	P.O. BOX 6	
	ROBINSON, ILLINOIS 62454	L. L. L.
		ON ECAL SY



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GENERAL NOTES

- THE SCOPE OF WORK SHEET IS INTENDED ONLY AS A GENERAL DESCRIPTION OF WORK ITEMS AND THEIR APPROXIMATE LOCATIONS AND LIMITS, FOR THE PURPOSE OF UNDERSTANDING THE SCOPE OF THE PROJECT. THIS SHEET SHALL NOT BE USED AS A CONSTRUCTION PLAN. REFER TO THE FOLLOWING PLAN SHEETS FOR DETAILED CONSTRUCTION REQUIREMENTS, LOCATIONS, AND ITEMS OF WORK,
- SCOPE OF WORK THIS PROJECT CONSISTS OF THE REHABILITATION OF THE SOUTHERN PORTION OF THE MAIN APRON AND T-HANGAR TAXIWAYS, AND REMOVAL OF AN ABANDONED TAXIWAY. THIS PROJECT WILL INCLUDE PAVEMENT MILLING, PLACEMENT OF PCC, BITUMINOUS AND PFC MATERIAL, SEAL COATING, EARTHWORK, GRADING AND DRAINAGE, PAVEMENT MARKING AND EROSION CONTROL ITEMS
- 3. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, EQUIPMENT, AND TRANSPORTATION NECESSARY TO CONSTRUCT ALL FLEMENTS OF THE PROJECT AS DESCRIBED IN THE CONSTRUCTION PLANS AND SPECIFICATIONS.
- 4. THE RULES, REGULATIONS, AND SPECIFICATIONS ENUMERATED HEREIN SHALL BE CONSIDERED AS MINIMUM REQUIREMENTS. THEY SHALL NOT PROHIBIT THE CONTRACTOR FROM FURNISHING AND INSTALLING HIGHER GRADES OF MATERIAL THAN ARE SPECIFIED HEREIN.
- 5. THE CONTRACTOR IS NOT PERMITTED TO USE THE AIRPORT ENTRANCE DRIVE AND AUTO PARKING LOT FOR MATERIAL AND EQUIPMENT HAULING OR STORAGE. THE CONSTRUCTION ENTRANCE AS SHOWN ON THE PROPOSED SAFETY AND PHASING PLAN WILL BE THE PRIMARY ACCESS TO THE PROPOSED CONSTRUCTION SITE ALL HAULING OF MATERIALS AND EQUIPMENT SHALL BE RESTRICTED TO THE DESIGNATED CONSTRUCTION
- 6. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT, PRESERVE AND REPAIR THE EXISTING AIRFIFLD AND ROADWAY PAVEMENTS AT ALL TIMES THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING ELECTRICAL, DRAINAGE, AND PAVEMENT STRUCTURES AT NO ADDITIONAL COST TO THE CONTRACT. ANY DAMAGE TO FAA CABLES, ACCESS ROADS OR TO FAA FACILITIES DURING CONSTRUCTION WILL REQUIRE THE CONTRACTOR TO REPLACE THE DAMAGED CABLES, ACCESS ROAD OR FAA FACILITIES TO FAA REQUIREMENTS AT THE CONTRACTOR'S EXPENSE. SPLICING OF CABLES IS NOT AN ACCEPTABLE FORM OF REPAIR
- 7. NO EQUIPMENT SHALL BE PERMITTED TO CROSS OR USE ANY EXISTING PAVEMENT OUTSIDE THE CONSTRUCTION LIMITS, GENERAL PROJECT AREA OR HAUL ROUTE.
- 8. CONTRACTOR IS REQUIRED TO PROVIDE THEIR OWN RESTROOM FACILITIES.
- 9. UNLESS OTHERWISE NOTED, ALL DISTURBED AREAS OUTSIDE OF THE PROPOSED CONSTRUCTION LIMITS SHALL BE GRADED, SEEDED AND/OR HYDROMULCH SEEDED AT NO ADDITIONAL COST TO THE CONTRACT.
- 10. ALL WASTE MATERIAL SHALL BE HAULED FROM THE AIRPORT AND PROPERLY DISPOSED OF UNLESS OTHERWISE
- 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING PERMITS FOR HAULING ON PUBLIC ROADS, AS APPLICABLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY DAMAGES TO ANY PAVEMENTS (PUBLIC OR PRIVATE) CAUSED BY HIS/HER CONSTRUCTION EQUIPMENT OR PERSONNEL.
- 12. THE OWNER SHALL HAVE THE RIGHT OF FIRST REFUSAL FOR ALL SALVAGEABLE MATERIAL REMOVED ON THE
- 13. THE CONTRACTOR SHALL COORDINATE WITH THE RESIDENT ENGINEER/TECHNICIAN SO THEY MAY DEVELOP ONE SET OF REDLINED AS-BUILT DRAWINGS AT THE COMPLETION OF THE PROJECT.
- 14. CONTRACTOR SHALL NOTE THAT ALL AREAS WITHIN THE AIRPORT PROPERTY LINE AND OUTSIDE THE CONSTRUCTION LIMITS MAY BE USED FOR AGRICULTURAL PURPOSES. THE CONSTRUCTION LIMITS SHALL BE RESTRICTED TO AREAS THAT ARE ABSOLUTELY NECESSARY TO DISTURB TO COMPLETE THE REQUIRED WORK ITEMS. LIMITS SHALL BE COORDINATED WITH THE RESIDENT ENGINEER/TECHNICIAN PRIOR TO BEGINNING ANY WORK. ALL AREAS WHICH HAVE BEEN FARMED AND OR DESIGNATED TO BE FARMED AFTER THE PROJECT COMPLETION, AND HAVE BEEN DISTURBED BY CONSTRUCTION ACTIVITY, SHALL BE CHISEL PLOWED (36" MAX.) OR OTHERWISE SCARIFIED TO RETURN THE AREA TO A REASONABLE TILLABLE CONDITION (IF SO PERMITTED BY THE AIRPORT MANAGER)
- 15. CONTRACTOR SHALL RESTORE TO ORIGINAL CONDITION ALL GRASS, STONE, OR PAVEMENT DISTURBED BY CONTRACTOR'S CONSTRUCTION OPERATIONS, STAGING, AND CONSTRUCTION ACCESS ROUTES. DISTURBED AREAS TO BE REPAIRED, GRADED, AND SEEDED AND MULCHED UNLESS OTHERWISE NOTED. STAGING AREA AND SITE ACCESS RESTORATION SHALL BE INCLUDED IN THE COST OF THE HAUL ROUTE.
- 16. THE PROJECT PAY ITEMS ARE INTENDED TO BE INCLUSIVE OF ALL WORK TO BE PERFORMED AS SHOWN IN THESE PLANS. ALL INCIDENTAL WORK REQUIRED TO COMPLETE THE PROJECT TO THE SATISFACTION OF THE RESIDENT ENGINEER/TECHNICIAN IS TO BE INCLUDED IN THE COSTS OF PERFORMING THESE ITEMS.
- 17. APPROXIMATE LOCATIONS OF UNDERGROUND UTILITIES ARE SHOWN THROUGHOUT THESE PLANS. THE CONTRACTOR SHALL DETERMINE EXACT LOCATIONS AND PROTECT THESE UTILITIES DURING CONSTRUCTION. ANY UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL COORDINATE WITH THE PROPER PERSONS FOR THE PURPOSE OF LOCATING AND PROTECTING EXISTING UNDERGROUND UTILITIES.
- 18. THE CONTRACTOR MUST AT ALL TIMES MAINTAIN PROPER DRAINAGE FOR ALL AREAS AFFECTED BY HIS WORK.
- 19. THIS PROJECT WILL DISTURB OVER 1 ACRE, THEREFORE A NPDES PERMIT WILL BE REQUIRED.
- 20. PROPOSED SEAL COAT, PAVEMENT MARKING, AND CRACK SEALING IN THE AREA DELINEATED FOR SEAL COAT WILL BE PAID FOR ON A FEDERAL/LOCAL ONLY BASIS.

Offices Nationwide

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Crawford County Airport

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RECONSTRUCTION OF SOUTHERN PORTION OF APRON

IDA No: RSV-4514 AIP No: 3-17-SBGP-133

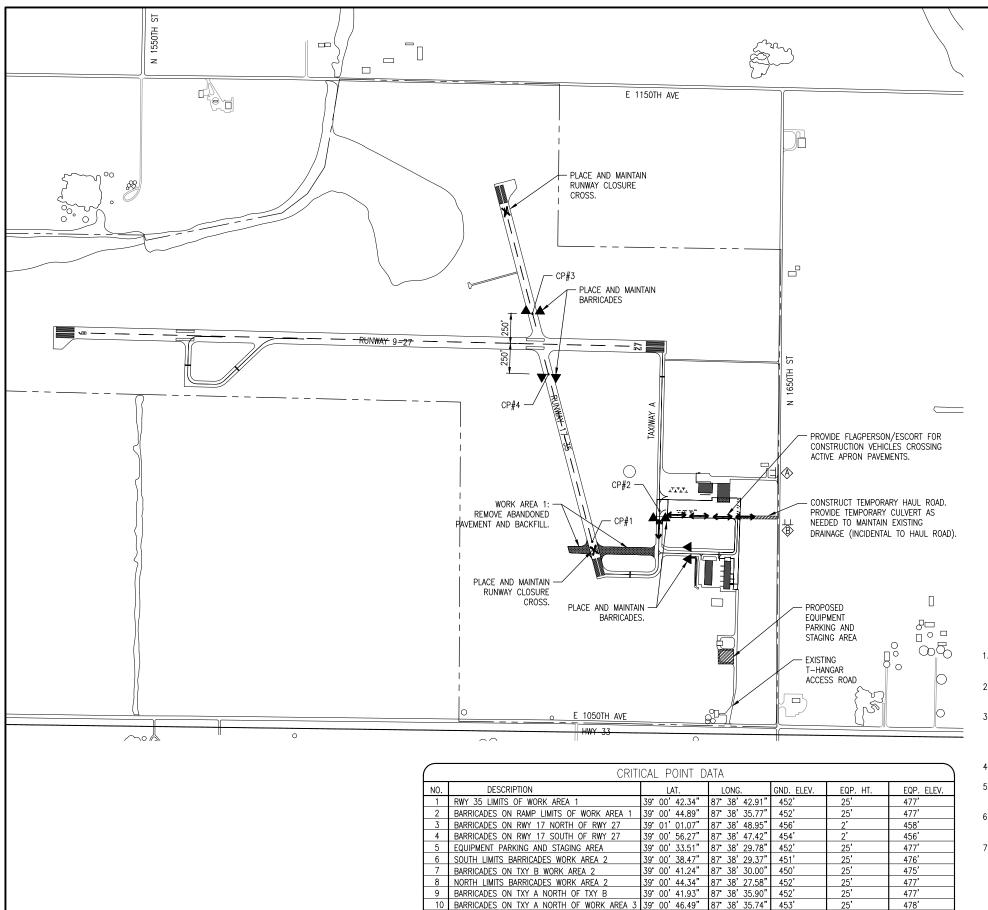
Contract No. RB021

	NO. DATE	DESCRIPTION			
	NO.	DATE	DES	DWN	REV
į	ISSUE: MARCH 3, 2017				
Ì	PROJECT NO: 16A0011D				
OAD EILE: COM SOULDING					

CAD FILE: G-003-SOW.DW DESIGN BY: JRH 11/30/2016 DRAWN BY: JRH 11/30/2016 REVIEWED BY:KBS 03/03/2017

SHEET TITLE

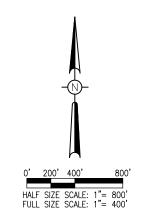
SCOPE OF WORK



NORTH LIMITS OF WORK AREA 4 CONSTRUCTION 39' 00' 46.02" 87' 38' 34.66" 454'

39° 00′ 44.71″ | 87° 38′ 35.02″

WEST LIMITS OF WORK AREA 4 CONSTRUCTION



LEGEND

PROPOSED IMPROVEMENTS EXISTING BUILDINGS PROPOSED HAUL ROAD AND EQUIPMENT PARKING AREA CRITICAL POINT ▲ ▲ PROPOSED BARRICADES PROPOSED HAUL ROUTE

PROPOSED CONSTRUCTION SIGN

SAFETY PLAN COMPLIANCE DOCUMENT

PRIOR TO THE ISSUANCE OF A CONSTRUCTION NOTICE-TO-PROCEED (NTP), THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND SUBMITTING A SAFETY PLAN COMPLIANCE DOCUMENT IN ACCORDANCE WITH FAA ADVISORY CIRCULAR 150/5370-2F, PARAGRAPH 204B, OR EQUIVALENT SECTION IN SUBSEQUENT/CURRENT ISSUE. THE AIRPORT DIRECTOR SHALL APPROVE THIS DOCUMENT AND SUBMIT TO THE DIVISION OF AERONAUTICS FOR APPROVAL PRIOR TO THE NTP ISSUANCE.

479'

477'

- THE WORK ITEMS TO BE COMPLETED IN THIS AREA INCLUDE REMOVAL OF THE EXISTING ABANDONED TAXIWAY PAVEMENT, BACKFILL OF THE AREA, SEEDING/MULCHING.
- 2. CONTRACTOR WILL HAVE 7 CALENDAR DAYS TO COMPLETE WORK IN AREA 1. REFER TO THE PROJECT SPECIAL PROVISIONS, SECTION 80-08.
- AIRPORT SECURITY SHALL BE MAINTAINED THROUGHOUT THE PROJECT. THE CONTRACTOR SHALL BE RESTRICTED TO THE DESIGNATED WORK AREAS. THE CONTRACTOR SHALL ENSURE THAT ACCESS POINTS USED BY CONSTRUCTION VEHICLES AND PERSONNEL ARE MONITORED DURING WORK HOURS TO PREVENT UNAUTHORIZED ACCESS TO THE AIRPORT MOVEMENT AREA.
- BARRICADES SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION.
- AT THE COMPLETION OF ALL CONSTRUCTION, THE HAUL ROUTE AND CONSTRUCTION EQUIPMENT PARKING AREA SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS PER THE SPECIFICATIONS.
- THE COSTS FOR PROVISION, PLACEMENT, MAINTENANCE AND REMOVAL OF BARRICADES AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150520 MOBILIZATION.
- THE COSTS FOR CONSTRUCTION, MAINTENANCE AND REMOVAL/RESTORATION OF HAUL ROUTE AND EQUIPMENT STAGING AREA, TEMPORARY SIGNAGE AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150540 HAUL ROUTE.



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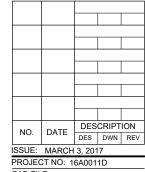
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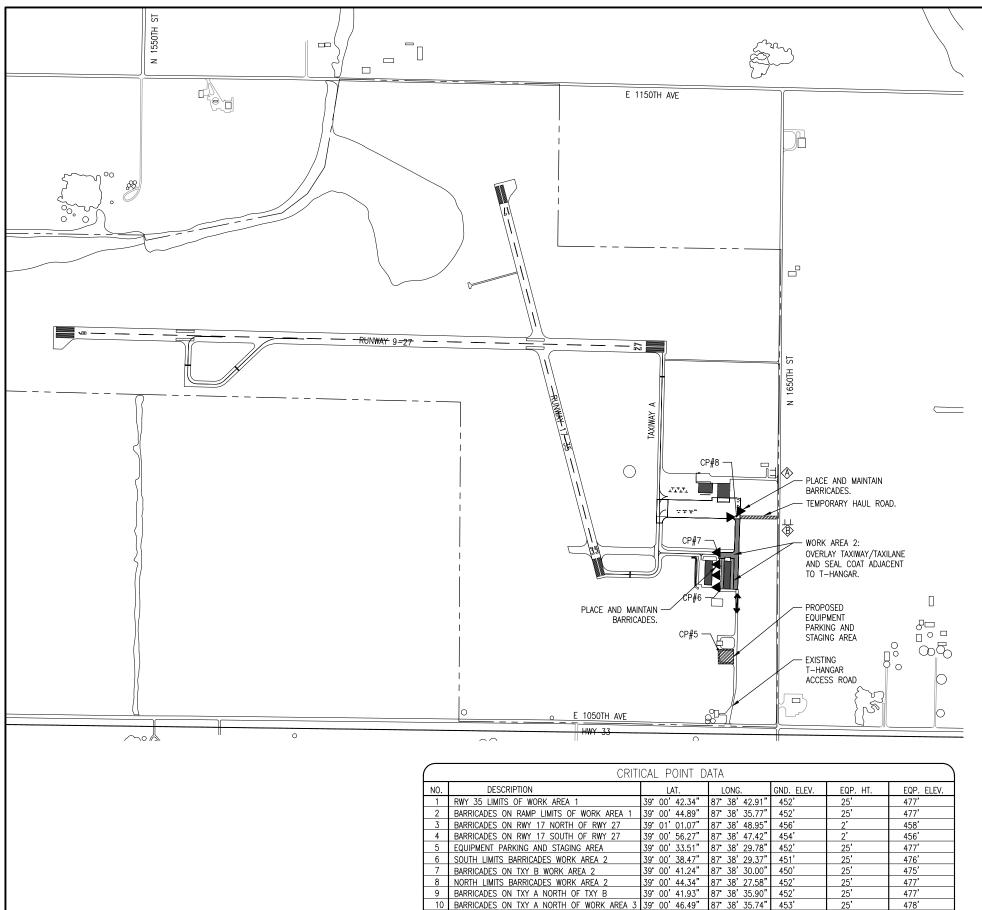


CAD FILE: G-004-SFY.DWG

DESIGN BY: JRH 01/26/2017 DRAWN BY: JRH 01/26/2017

REVIEWED BY:KBS 03/03/2017

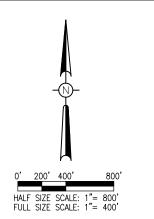
SHEET TITLE



NORTH LIMITS OF WORK AREA 4 CONSTRUCTION 39' 00' 46.02" 87' 38' 34.66" 454'

39° 00′ 44.71″ | 87° 38′ 35.02″

WEST LIMITS OF WORK AREA 4 CONSTRUCTION



LEGEND

PROPOSED IMPROVEMENTS

EXISTING BUILDINGS

PROPOSED HAUL ROAD AND EQUIPMENT PARKING AREA

CRITICAL POINT

▲ ▲ PROPOSED BARRICADES

PROPOSED HAUL ROUTE

TT A PROPOSED CONSTRUCTION SIGN

SAFETY PLAN COMPLIANCE DOCUMENT

PRIOR TO THE ISSUANCE OF A CONSTRUCTION NOTICE-TO-PROCEED (NTP), THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND SUBMITTING A SAFETY PLAN COMPLIANCE DOCUMENT IN ACCORDANCE WITH FAA ADVISORY CIRCULAR 150/5370-2F, PARAGRAPH 204B, OR EQUIVALENT SECTION IN SUBSEQUENT/CURRENT ISSUE. THE AIRPORT DIRECTOR SHALL APPROVE THIS DOCUMENT AND SUBMIT TO THE DIVISION OF AERONAUTICS FOR APPROVAL PRIOR TO THE NTP ISSUANCE.

WORK AREA 2 NOTES

479'

477'

- THE WORK ITEMS TO BE COMPLETED IN THIS AREA INCLUDE CRACK REPAIR OF THE EXISTING TAXIWAY PAVEMENT, AND CONSTRUCTION OF THE NEW TAXIWAY PAVEMENT OVERLAY, SEAL COATING THE PAVEMENT ADJACENT TO THE T-HANGAR.
- 2. CONTRACTOR SHALL PROTECT T-HANGAR BUILDINGS, DOORS, FLOORS AND CONTENTS AT ALL TIMES
- AIRPORT SECURITY SHALL BE MAINTAINED THROUGHOUT THE PROJECT. THE CONTRACTOR SHALL BE RESTRICTED TO THE DESIGNATED WORK AREAS. THE CONTRACTOR SHALL ENSURE THAT ACCESS POINTS USED BY CONSTRUCTION VEHICLES AND PERSONNEL ARE MONITORED DURING WORK HOURS TO PREVENT UNAUTHORIZED ACCESS TO THE AIRPORT MOVEMENT AREA.
- 4. BARRICADES SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION.
- AT THE COMPLETION OF ALL CONSTRUCTION. THE HAUL ROUTE AND CONSTRUCTION EQUIPMENT PARKING AREA SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS PER THE SPECIFICATIONS.
- THE COSTS FOR PROVISION, PLACEMENT, MAINTENANCE AND REMOVAL OF BARRICADES AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150520 MOBILIZATION.
- THE COSTS FOR CONSTRUCTION, MAINTENANCE AND REMOVAL/RESTORATION OF HAUL ROUTE AND EQUIPMENT STAGING AREA, TEMPORARY SIGNAGE AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150540 HAUL ROUTE.

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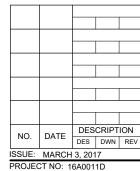
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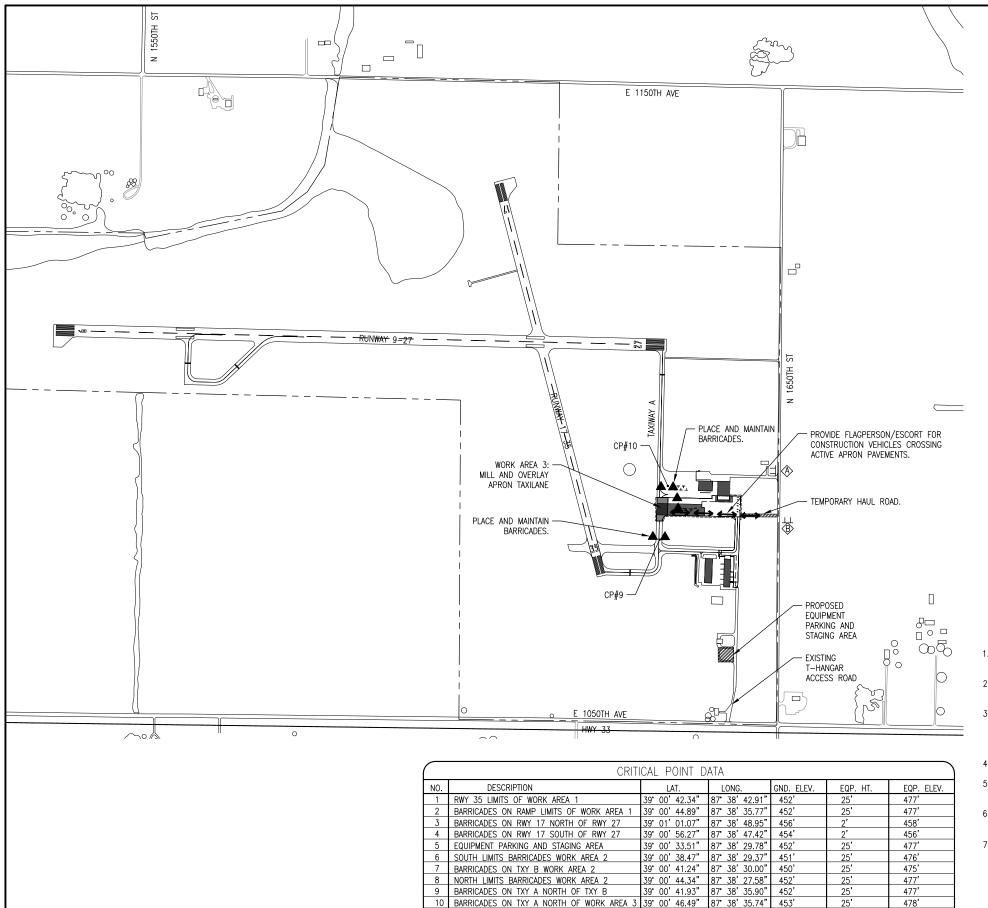


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DESIGN BY: JRH 01/26/2017 DRAWN BY: JRH 01/26/2017

REVIEWED BY:KBS 03/03/2017

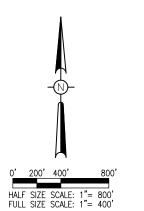
SHEET TITLE



NORTH LIMITS OF WORK AREA 4 CONSTRUCTION 39' 00' 46.02" 87' 38' 34.66" 454'

39° 00′ 44.71″ | 87° 38′ 35.02″

WEST LIMITS OF WORK AREA 4 CONSTRUCTION



LEGEND

PROPOSED IMPROVEMENTS EXISTING BUILDINGS PROPOSED HAUL ROAD AND EQUIPMENT PARKING AREA CRITICAL POINT ▲ ▲ PROPOSED BARRICADES PROPOSED HAUL ROUTE TT (A) PROPOSED CONSTRUCTION SIGN

SAFETY PLAN COMPLIANCE DOCUMENT

PRIOR TO THE ISSUANCE OF A CONSTRUCTION NOTICE—TO—PROCEED (NTP), THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND SUBMITTING A SAFETY PLAN COMPLIANCE DOCUMENT IN ACCORDANCE WITH FAA ADVISORY CIRCULAR 150/5370-2F, PARAGRAPH 204B, OR EQUIVALENT SECTION IN SUBSEQUENT/CURRENT ISSUE. THE AIRPORT DIRECTOR SHALL APPROVE THIS DOCUMENT AND SUBMIT TO THE DIVISION OF AERONAUTICS FOR APPROVAL PRIOR TO THE NTP ISSUANCE.

WORK AREA 3 NOTES

479'

477'

- THE WORK ITEMS TO BE COMPLETED IN THIS AREA INCLUDE MILLING OF THE EXISTING PAVEMENT, AND CONSTRUCTION OF THE NEW PAVEMENT OVERLAY.
- CONTRACTOR WILL HAVE 14 CALENDAR DAYS TO COMPLETE WORK IN AREA 3. REFER TO THE PROJECT SPECIAL PROVISIONS, SECTION 80-08.
- AIRPORT SECURITY SHALL BE MAINTAINED THROUGHOUT THE PROJECT. THE CONTRACTOR SHALL BE RESTRICTED TO THE DESIGNATED WORK AREAS. THE CONTRACTOR SHALL ENSURE THAT ACCESS POINTS USED BY CONSTRUCTION VEHICLES AND PERSONNEL ARE MONITORED DURING WORK HOURS TO PREVENT UNAUTHORIZED ACCESS TO THE AIRPORT MOVEMENT AREA.
- 4. BARRICADES SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION.
- 5. AT THE COMPLETION OF ALL CONSTRUCTION, THE HAUL ROUTE AND CONSTRUCTION EQUIPMENT PARKING AREA SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS PER THE SPECIFICATIONS.
- THE COSTS FOR PROVISION, PLACEMENT, MAINTENANCE AND REMOVAL OF BARRICADES AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150520 MOBILIZATION.
- THE COSTS FOR CONSTRUCTION, MAINTENANCE AND REMOVAL/RESTORATION OF HAUL ROUTE AND EQUIPMENT STAGING AREA, TEMPORARY SIGNAGE AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150540 HAUL ROUTE.



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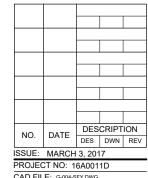
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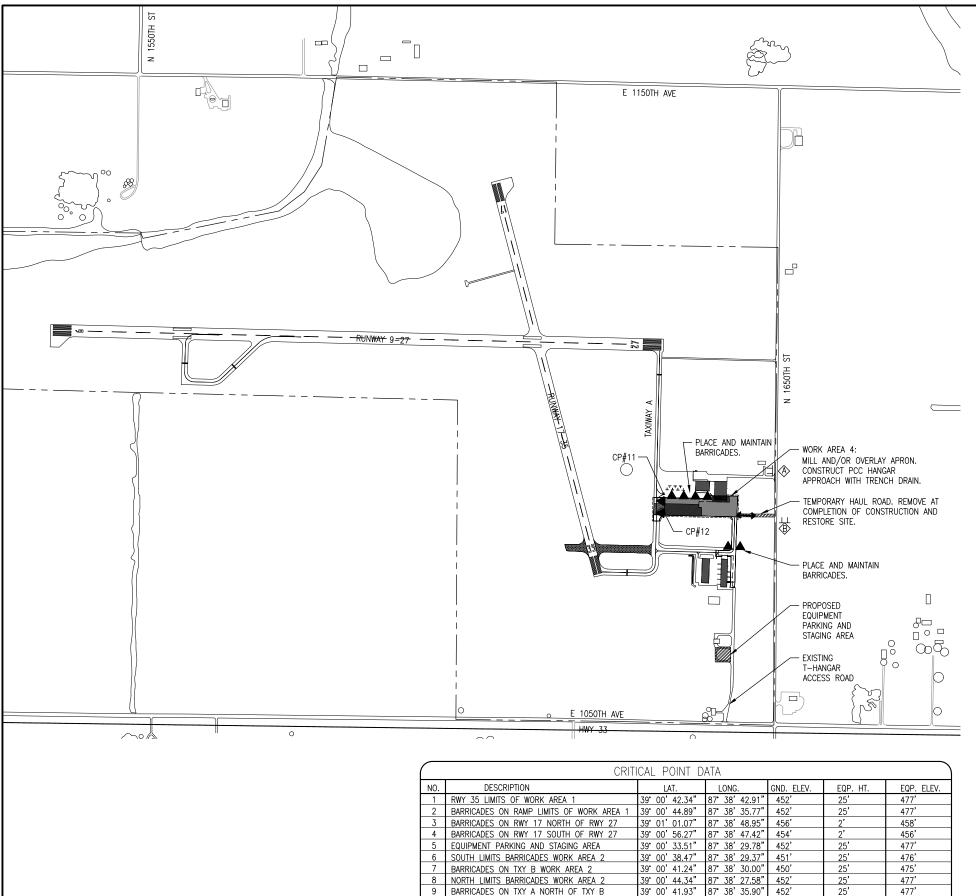
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CAD FILE: G-004-SFY.DWG

DESIGN BY: JRH 01/26/2017 DRAWN BY: JRH 01/26/2017 REVIEWED BY:KBS 03/03/2017

SHEET TITLE

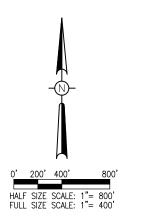


BARRICADES ON TXY A NORTH OF WORK AREA 3 39° 00' 46.49" 87° 38' 35.74" 453'

NORTH LIMITS OF WORK AREA 4 CONSTRUCTION 39' 00' 46.02" 87' 38' 34.66" 454'

39° 00′ 44.71″ | 87° 38′ 35.02″

WEST LIMITS OF WORK AREA 4 CONSTRUCTION



LEGEND

PROPOSED IMPROVEMENTS EXISTING BUILDINGS PROPOSED HAUL ROAD AND EQUIPMENT PARKING AREA CRITICAL POINT ▲ ▲ PROPOSED BARRICADES PROPOSED HAUL ROUTE TT PROPOSED CONSTRUCTION SIGN

SAFETY PLAN COMPLIANCE DOCUMENT

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WORK AREA 4 NOTES

478'

479'

477'

- THE WORK ITEMS TO BE COMPLETED IN THIS AREA INCLUDE MILLING OF THE EXISTING PAVEMENT, AND CONSTRUCTION OF THE NEW PAVEMENT OVERLAY AND MARKING OF ALL NEW PAVEMENTS.
- AIRPORT SECURITY SHALL BE MAINTAINED THROUGHOUT THE PROJECT. THE CONTRACTOR SHALL BE RESTRICTED TO THE DESIGNATED WORK AREAS. THE CONTRACTOR SHALL ENSURE THAT ACCESS POINTS USED BY CONSTRUCTION VEHICLES AND PERSONNEL ARE MONITORED DURING WORK HOURS TO PREVENT UNAUTHORIZED ACCESS TO THE AIRPORT MOVEMENT AREA.
- BARRICADES SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION.
- 4. AT THE COMPLETION OF ALL CONSTRUCTION, THE HAUL ROUTE AND CONSTRUCTION EQUIPMENT PARKING AREA SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS PER THE SPECIFICATIONS.
- THE COSTS FOR PROVISION, PLACEMENT, MAINTENANCE AND REMOVAL OF BARRICADES AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150520 MOBILIZATION.
- THE COSTS FOR CONSTRUCTION, MAINTENANCE AND REMOVAL/RESTORATION OF HAUL ROUTE AND EQUIPMENT STAGING AREA, TEMPORARY SIGNAGE AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150540 HAUL ROUTE.



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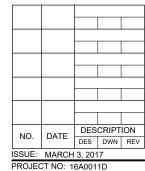
Crawford County Airport

10748 North 1650th St. Palestine, Illinois 62451

RECONSTRUCTION OF SOUTHERN PORTION OF APRON

IDA No: RSV-4514 AIP No: 3-17-SBGP-133

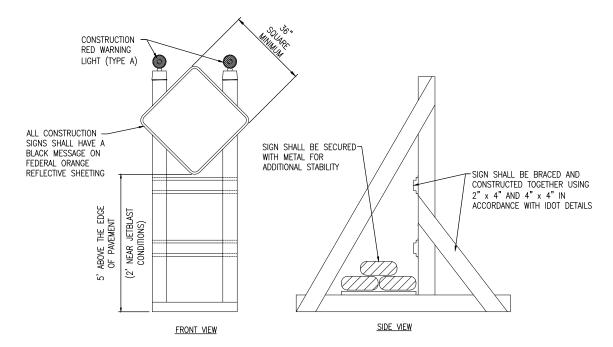
Contract No. RB021



CAD FILE: G-004-SFY.DWG

DESIGN BY: JRH 01/26/2017 DRAWN BY: JRH 01/26/2017 REVIEWED BY:KBS 03/03/2017

SHEET TITLE



SIGNAGE NOTES

- ALL CONSTRUCTION SIGNS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES INCLUDING THE ILLINOIS SUPPLEMENT (LATEST EDITION) AND THE FAA ADVISORY CIRCULARS (LATEST EDITION) UNLESS NOTED OTHERWISE. THE FAA OR MORE STRINGENT SPECIFICATIONS SHALL GOVERN.
- 2. UNLESS OTHERWISE SPECIFIED, CONSTRUCTION SIGNS SHALL BE MOUNTED ON PORTABLE OR NON-PORTABLE SUPPORTS. A PORTABLE SUPPORT IS DEFINED AS A TYPICAL SIGN STANDARD AS SHOWN ON THIS SHEET, OR A SMALL LIGHT WEIGHT TRAILER. A NON-PORTABLE SUPPORT IS DEFINED AS DRIVEN METAL OR WOOD POST. ALL SIGNS, REGARDLESS OF THE TYPE OF SUPPORTS USED, SHALL BE MOUNTED SUCH THAT THE MESSAGE ON THE SIGN IS LEVEL IN THE HORIZONTAL PLANE AFTER PLACEMENT. THE COST OF CONSTRUCTION WARNING LIGHTS SHALL BE INCLUDED IN THE COST OF THE CONSTRUCTION SIGNS
- CONSTRUCTION RED WARNING LIGHT: THESE ARE PORTABLE, LENS DIRECTED, ENCLOSED LIGHTS. THE
 COLOR OF THE LIGHT EMITTED SHALL BE RED. THEY ARE TO BE USED IN A LOW INTENSITY FLASHING
 MODE (TYPE A).
- 4. THE LIGHTING SHALL BE MAINTAINED IN OPERATION DURING THE HOURS OF DARKNESS BETWEEN 1/2 HOUR AFTER SUNSET AND 1/2 HOUR BEFORE SUNRISE AND WHEN CONDITIONS EXIST WHICH TEND TO OBSCURE VISION.
- COST FOR PROVIDING, PLACING, MAINTAINING, AND REMOVING SIGNS SHALL BE INCLUDED IN ITEM AR150540 HAUL ROUTE.

NO CONSTRUCTION TRAFFIC TRAFFIC W20-3 48" x 48" W20-3 48" x 48" W20-3 8

CONSTRUCTION SIGNS

BARRICADE NOTES

- ALL CONSTRUCTION SIGNS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES INCLUDING THE ILLINOIS SUPPLEMENT (LATEST EDITION) AND THE FAA ADVISORY CIRCULARS (LATEST EDITION) UNLESS NOTED OTHERWISE. THE FAA OR MORE STRINGENT SPECIFICATIONS SHALL GOVERN
- BARRICADES SHALL BE SPACED END TO END THE WIDTH OF THE PAVEMENT IN 10' INCREMENTS. BARRICADES ARE TO BE SET BACK 93' FROM THE ACTIVE TAXIWAY CENTERLINE OR AS SHOWN ON THE PLANS.
- CONSTRUCTION RED WARNING LIGHT: THESE ARE PORTABLE, LENS DIRECTED, ENCLOSED LIGHTS. THE COLOR OF THE LIGHT EMITTED SHALL BE RED. THEY MAY BE USED IN EITHER A STEADY BURN (TYPE C) OR LOW INTENSITY FLASHING MODE (TYPE A) UNLESS NOTED OTHERWISE.
- 4. THE LIGHTING SHALL BE MAINTAINED IN OPERATION DURING THE HOURS OF DARKNESS BETWEEN 1/2 HOUR AFTER SUNSET AND 1/2 HOUR BEFORE SUNRISE AND WHEN CONDITIONS EXIST WHICH TEND TO OBSCURE VISION.
- BARRICADES SHALL BE SECURED TO THE GROUND BY APPROVED METHODS TO PREVENT MOVEMENT BY PROP WASH, JET BLAST OR OTHER WIND CURRENTS.
- 6. THE ONLY COLOR COMBINATION ON BARRICADES IS ORANGE AND WHITE. THE ORANGE STRIPES SHALL BE ENCAPSULATED LENS REFLECTIVE SHEETING. THE WHITE STRIPES SHALL BE EITHER ENCAPSULATED OR ENCLOSED LENS REFLECTIVE SHEETING AND MUST BE IN ACCEPTABLE CONDITION.
- 7. COST FOR PROVIDING, PLACING, MAINTAINING, AND REMOVING BARRICADES SHALL BE INCLUDED IN THE COST OF THE OTHER CONTRACT ITEMS.

SAFETY NOTES

- FOLLOWING ARE THE CONSTRUCTION SAFETY PROCEDURES THAT THE CONTRACTOR SHALL FOLLOW THROUGHOUT THIS
 PROJECT. ADDITIONAL REQUIREMENTS ARE SHOWN ON THE CONSTRUCTION SAFETY AND PHASING PLAN SHEET AND THIS
 SHEET.
- ALL PROVISIONS OF THE LATEST EDITION OF FAA ADVISORY CIRCULAR AC 150/5370-2 (CURRENT EDITION), "OPERATIONAL
 SAFETY ON AIRPORTS DURING CONSTRUCTION", APPLY TO THIS CONTRACT, EXCEPT AS MODIFIED BY THIS SAFETY PLAN, OR
 AS MODIFIED BY THE OWNER THROUGH THE RESIDENT ENGINEER/TECHNICIAN AT THE PRECONSTRUCTION CONFERENCE, OR
 DURING THE COURSE OF THE CONTRACT.
- 3. THE CONTRACTORS SHALL MINIMIZE DISRUPTION OF STANDARD OPERATING PROCEDURES FOR AERONAUTICAL ACTIVITY BY REMAINING WITHIN THE PRESCRIBED STAGING, CONSTRUCTION, AND PHASING AREAS PRESENTED ON THE CONSTRUCTION SAFETY AND PHASING PLAN SHEETS.
- 4. NO UNAUTHORIZED PERSONNEL SHALL ENTER ANY AREA OF THE AIRPORT THAT COULD POTENTIALLY BE HAZARDOUS. THE AIRPORT MANAGER RESERVES THE RIGHT TO SUSPEND OPERATIONS IN ORDER TO MAINTAIN SAFETY AT THE AIRPORT.
- 5. CONTRACTOR EQUIPMENT, VEHICLES, AND PROJECT MATERIALS SHALL BE STORED AT THE STAGING AREA SHOWN ON THE PLAN VIEW, EXCEPT AS OTHERWISE PROVIDED FOR AT THE PRECONSTRUCTION CONFERENCE.
- 6. ALL CONSTRUCTION EQUIPMENT OPERATING IN THE PRESCRIBED CONSTRUCTION AREA IS REQUIRED TO DISPLAY A CHECKERBOARD FLAG PROPERLY LOCATED OR A ROTATING BEACON (STROBE) AS SPECIFIED IN AC 150/5210-5, "PAINTING, MARKING, AND LIGHTING OF VEHICLES USED ON AN AIRPORT" LATEST EDITION.
- 7. NO CONSTRUCTION MATERIAL STOCKPILES SHALL BE LOCATED WITHIN 250' OF ANY ACTIVE RUNWAY, WITHIN 93' OF ANY OTHER ACTIVE AIRPORT OPERATIONS AREA, OR PENETRATE A PART 77 IMAGINARY SURFACE (PROVIDED BY THE RESIDENT ENGINEER/TECHNICIAN) EXTENDING OUT AND UPWARDS FROM ALL SIDES OF AN ACTIVE RUNWAY.
- 8. CLOSED AIRFIELD PHASING AREAS, OPEN TRENCHES, AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHALL BE PROMINENTLY MARKED WITH LIGHTED BARRICADES WITH STEADY BURNING OR FLASHING RED LIGHTS AS SPECIFIED IN 150/5370-2, "OPERATIONAL SAFETY ON AIRPORT DURING CONSTRUCTION, LATEST EDITION. LIGHTED BARRICADES MUST BE NO TALLER THAN 18" (EXCLUSIVE OF SUPPLEMENTARY LIGHTS AND FLAGS) ON THE TAXIWAYS AND COMPLY WITH ADVISORY CIRCULAR 150/5370-2, LATEST EDITION. CONTRACTOR SHALL NIGHT CHECK BARRICADES DAILY FOR PROPER OPERATION.
- NO OPEN TRENCHES WITHIN 250' OF AN ACTIVE RUNWAY CENTERLINE OR WITHIN 93' OF ANY ACTIVE TAXIWAYS OR
 TAXILANES WILL BE PERMITTED UNLESS PROPERLY MARKED. OTHER TRENCHES SHALL BE MAINTAINED SAFE, I.E., BARRICADED
 OR COVERED WITH STEEL PLATES IN ALL OTHER AREAS.
- 10. OPEN TRENCHES, EXCAVATIONS, AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHOULD BE PROMINENTLY MARKED WITH ORANGE FLAGS AND LIGHTED WITH FLASHING RED LIGHTS DURING HOURS OF RESTRICTED VISIBILITY AND/OR DARKNESS.
- 11. NO CONSTRUCTION EQUIPMENT GREATER THAN 25' TALL WILL BE PERMITTED ON THE AIRPORT. HOWEVER OTHER EQUIPMENT TALLER THAN 25' MAY BE PERMITTED WITH THE APPROVAL OF THE AIRPORT MANAGER AND AIRSPACE APPROVAL BY THE FAA.
- 12. NO OPEN FLAME WELDING OR TORCH CUTTING OPERATION IS PERMITTED UNLESS. ADEQUATE FIRE AND SAFETY PRECAUTIONS ARE PROVIDED AND HAVE BEEN APPROVED BY THE AIRPORT MANAGER NO FLARE POTS ARE ALLOWED ON THE PROJECT.
- 13. SOIL, DEBRIS, AND LOOSE MATERIAL DROPPED OR TRUCKED ONTO AIRPORT ROADS, TAXIWAYS, AND SOD SURFACES, OR WHICH CAN BE BLOWN ONTO SUCH SURFACES, SHALL BE IMMEDIATELY SWEPT, PICKED UP AND REMOVED, OR PLACED INTO CLOSED CONTAINERS. ANY DAMAGE TO AIRPORT PROPERTY SHALL BE REPAIRED IMMEDIATELY AT NO COST TO THE OWNER.
- 14. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND MAINTAINING AIRPORT LIGHTING AND NAVIGATIONAL ELECTRICAL SYSTEMS DURING CONSTRUCTION. A CONTACT PERSON AND TELEPHONE NUMBER FOR 24 HOUR EMERGENCY IMMEDIATE REPAIR SHALL BE SUBMITTED TO THE AIRPORT MANAGER AND RESIDENT ENGINEER/TECHNICIAN. HAUL ROUTES CROSSING PAVEMENT, DRAINAGE, MISCELLANEOUS. STRUCTURES AND/OR AIRFIELD CABLES SHALL BE PROTECTED FROM DAMAGE
- 15. ALL AIRCRAFT AND AIRPORT OPERATIONS HAVE THE RIGHT-OF-WAY. CONTRACTOR TO YIELD TO VEHICLES AND REMAIN CLEAR AT ALL TIMES
- 16. CONTRACTOR SHALL PLACE, SECURE, AND MAINTAIN LIGHTED BARRICADES AND CLOSURE CROSSES WHEN A RUNWAY/TAXIWAY/APRON IS CLOSED OR AS REQUIRED BY THE PLANS AND DESIGNATED BY THE RESIDENT ENGINEFR/TECHNICIAN.
- 17. CONTRACTOR SHALL MARK HAZARDOUS AREA WITH STEADY-BURNING OR FLASHING RED LIGHTS DURING PERIODS OF LOW VISIBILITY AS REQUIRED.
- 18. THE CONTRACTOR SHALL PERIODICALLY PERFORM ONSITE INSPECTIONS THROUGHOUT THE DURATION OF THE PROJECT WITH THE IMMEDIATE REMEDY OF ANY DIFFERENCES, WHETHER CAUSED BY NEGLIGENCE, OVERSIGHT, OR PROJECT SCOPE CHANGE.
- 19. CONTRACTOR SHALL MOVE MAINTENANCE OF TRAFFIC COMPONENTS AT THE WRITTEN DIRECTION OF THE RESIDENT ENGINEER/TECHNICIAN AT NO ADDITIONAL COST.
- 20. CONTRACTOR SHALL NOT REMOVE THE BARRICADES WITHOUT THE APPROVAL BY THE RESIDENT ENGINEER/TECHNICIAN.
- 21. CONTRACTOR SHALL MAINTAIN FLASHERS, SIGNS AND/OR BARRICADES AS REQUIRED BY THE PLANS, CITY OR COUNTY REGULATIONS OR CONTRACTOR ACTIVITIES. CONTRACTOR SHALL OBTAIN ANY AND ALL REQUIRED LOCAL PERMITS UNLESS SPECIFIED OTHERWISE
- 22. THE CONTRACTOR SHALL UTILIZE WATER AND/OR CHEMICALS APPROVED BY THE RESIDENT ENGINEER/TECHNICIAN AS NECESSARY TO CONTROL DUST.
- 23. NO CONSTRUCTION VEHICLES SHALL BE DRIVEN ACROSS ANY ACTIVE RUNWAY, INCLUDING TURF RUNWAYS. CONSTRUCTION EQUIPMENT OR CONSTRUCTION ACTIVITY WILL NOT BE PERMITTED WITHIN 250' OF ANY ACTIVE RUNWAY CENTERLINE OR WITHIN 93' OF ANY OTHER ACTIVE AIRPORT TAXIWAY CENTERLINE OR APRON TAXILANE CENTERLINE. HOWEVER, CONSTRUCTION MAY BE PERMITTED IN THESE AREAS IF THE CONTRACTOR HAS GAINED APPOAL FROM THE AIRPORT MANAGER AT LEAST 7 DAYS IN ADVANCE OF THE SCHEDULED CONSTRUCTION PERIOD AND THE OPERATIONAL AREA IS CLOSED TO TRAFFIC AND PROPER NOTAMS ARE ISSUED BY THE AIRPORT MANAGER TO THE APPROPRIATE FLIGHT SERVICE STATION.
- 24. UNLESS SPECIFIED OTHERWISE, COST FOR THE ABOVE IS TO BE CONSIDERED INCIDENTAL TO THE PROJECT. SEPARATE PAYMENT SHALL NOT BE MADE.



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Crawford County Airport

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RECONSTRUCTION OF SOUTHERN PORTION OF APRON

IDA No: RSV-4514 AIP No: 3-17-SBGP-133

Contract No. RB021

NO. DATE DESCRIPTION
DES DWN REV
ISSUE: MARCH 3, 2017
PROJECT NO: 16A0011D
CAD FILE: G-501-SFY-DWG
DESIGN BY: JRH 11/30/2016

DESIGN BY: JRH 11/30/2016

DRAWN BY: JRH 11/30/2016

REVIEWED BY:KBS 03/03/2017

SHEET TITLE

CONSTRUCTION SAFETY AND PHASING DETAILS AND NOTES



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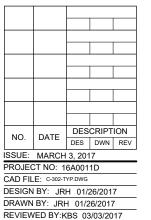
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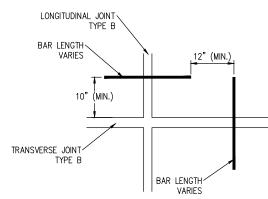
Contract No. RB021



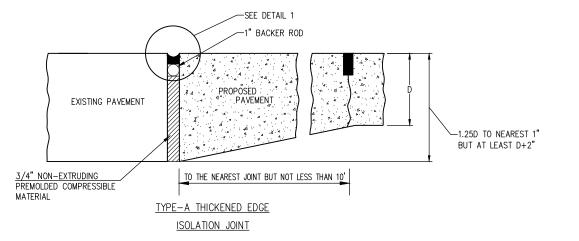
TYPICAL SECTIONS

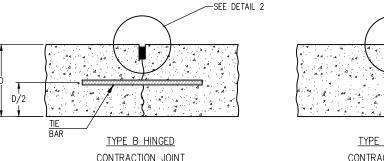
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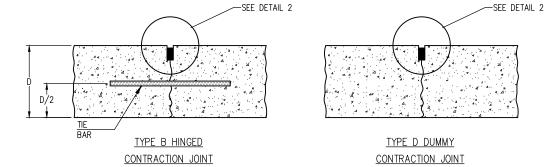
- 2. ALL LONGITUDINAL AND TRANSVERSE CONTRACTION JOINTS SHALL BE SAWED.
- 3. TIE BARS FOR 6 IN. THICK PAVEMENT SHALL BE 20 IN. LONG NO. 4 BARS AT 36 IN. SPACING.
- 4. ALL TIE BARS SHALL BE HELD IN PLACE BY SUPPORT PINS OR OTHER METHODS TO PREVENT SHIFTING DURING AND AFTER CONCRETE PLACEMENT. SUPPORT PINS SHALL BE OF SUFFICIENT LENGTH TO PENETRATE AT LEAST 6"
- 5. ALL TIE BARS SHALL BE PLACED AT A POINT NOT LESS THAN 6" OR MORE THAN 15" FROM A TRANSVERSE OR EXPANSION JOINT.
- 6. ALLOWABLE TOLERANCES FOR GROOVE DEPTH WILL BE $\pm 1/8$ " FOR CONSTRUCTION JOINTS AND $\pm 1/4$ " FOR CONTRACTION JOINTS.
- 7. THE COST OF ALL TIE-BARS, SAWING AND SEALING SHALL BE INCLUDED IN THE COST OF THE PCC PAVEMENT.
- 8. WHEN CONSTRUCTING "FILL-IN" PAVEMENT LANES THE CONTRACTOR SHALL USE BELTING OR OTHER PROTECTIVE MATERIAL FOR THE PAVING MACHINE TO TRAVEL ON AND WILL PROTECT THE TRANSVERSE JOINTS.

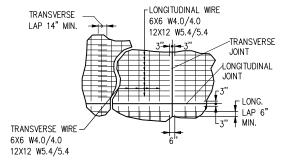


POSITION OF DOWELS AT EDGE OF JOINT TYPE B DOWEL PLAN VIEW



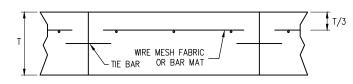






REINFORCEMENT SHEET WIRE FABRIC DETAIL

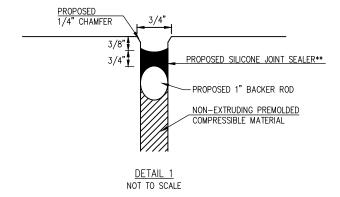
DIFFERENT WIRE MESH SIZES/CONFIGURATIONS OR SIZES ARE PERMITTED IF THE MINIMUM CROSS SECTIONAL AREA EQUALS 0.5 OR GREATER.

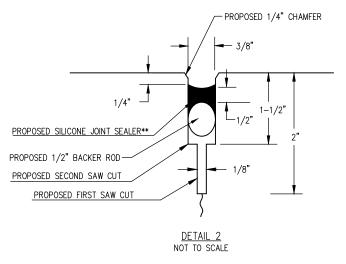


PAVEMENT REINFORCING DETAIL NOT TO SCALE

REINFORCING NOTES:

- END LAPS SHALL BE A MINIMUM OF 12", BUT NOT LESS THAN 30 TIMES THE DIAMETER OF THE LONGITUDINAL WIRE OR BAR.
- SIDE LAPS SHALL BE A MINIMUM OF 6", BUT NOT LESS THAN 20 TIMES THE DIAMETER OF TRANSVERSE WIRE OR BAR.
- END AND SIDE CLEARANCES SHALL BE A MAXIMUM OF 6" AND A MINIMUM OF 2".
- LONGITUDINAL MEMBERS SHALL BE SPACED NOT LESS THAN 4" NOR MORE THAN 12"
- TRANSVERSE MEMBERS SHALL BE SPACED NOT LESS THAN 4" NOR MORE THAN 24"
- PAVEMENT REINFORCING SHALL BE INCLUDED IN THE COST OF THE PCC PAVEMENT.

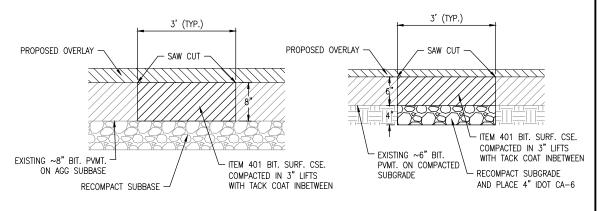




JOINT SEALING DETAILS NOT TO SCALE

** PROPOSED JOINT SEALANT WITHIN CONCRETE SHALL BE DOW CORNING 888 NON-SAG SILICONE JOINT SEALER, PECORA 301, OR APPROVED EQUAL.

PROPOSED JOINT SEALANT AT CONCRETE/ASPHALT INTERFACE SHALL BE DOW CORNING 890 SL, PECORA 301, OR APPROVED EQUAL.



REMOVE & REPLACE BIT. PAVEMENT NOT TO SCALE

T-HANGAR ACCESS TAXIWAY

SOUTH APRON AREA

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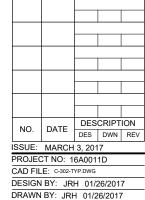
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RECONSTRUCTION OF SOUTHERN PORTION OF APRON

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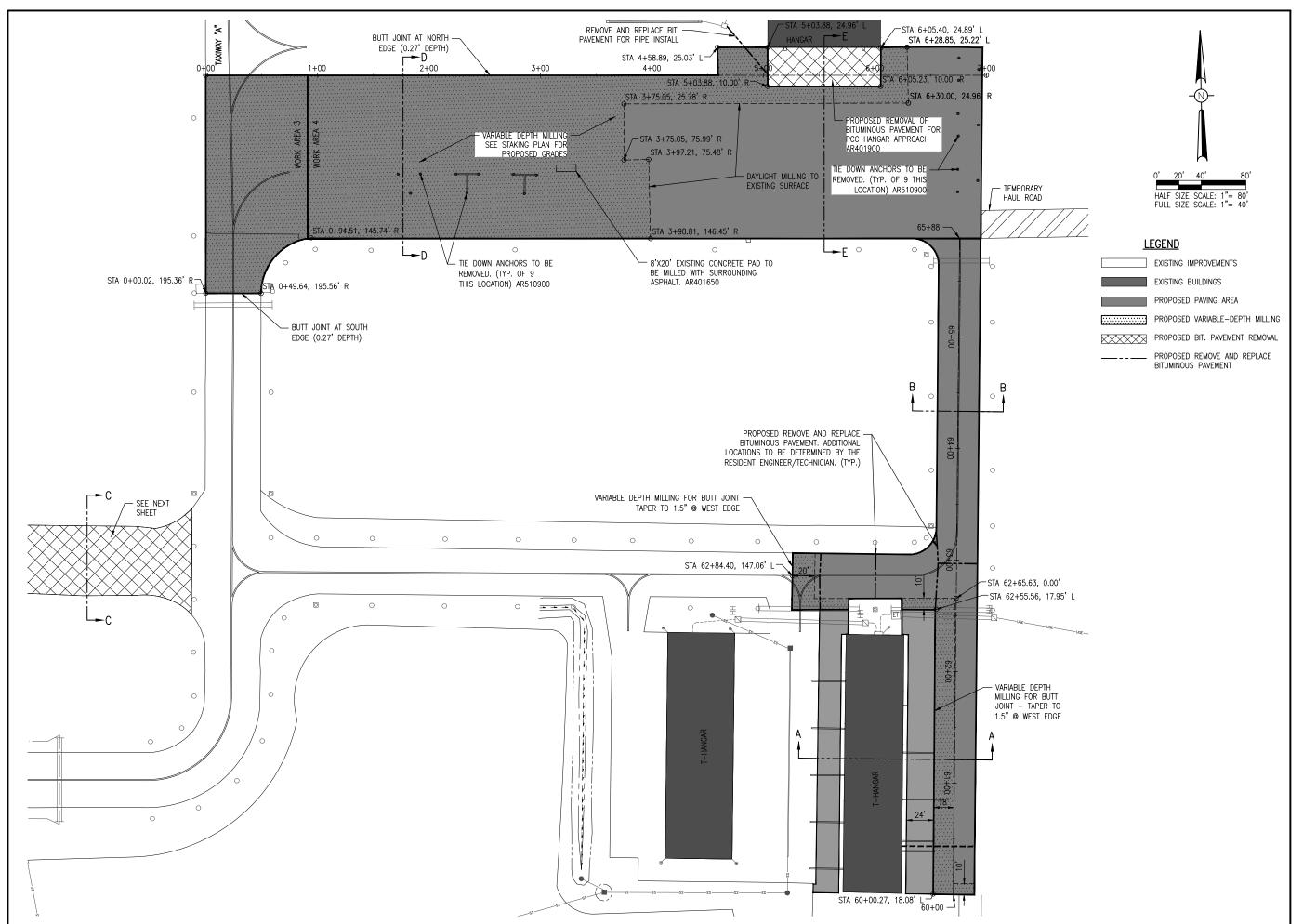
Contract No. RB021



PAVEMENT DETAILS

SHEET TITLE

REVIEWED BY:KBS 03/03/2017





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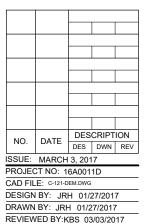
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RECONSTRUCTION OF SOUTHERN PORTION OF APRON

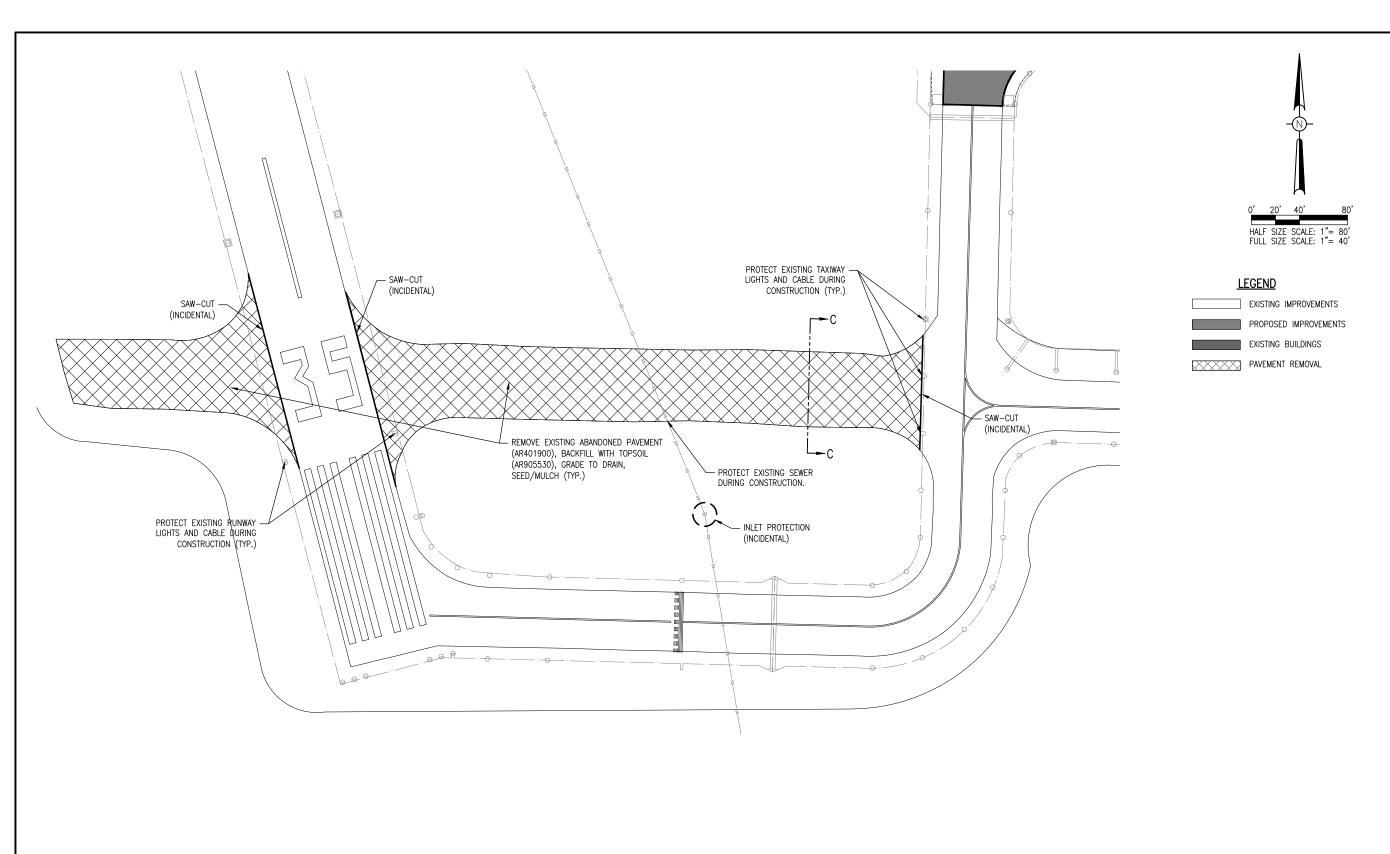
IDA No: RSV-4514 AIP No: 3-17-SBGP-133

Contract No. RB021



PAVEMENT PREPARATION PLAN

SHEET TITLE





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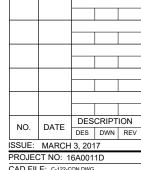
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Contract No. RB021



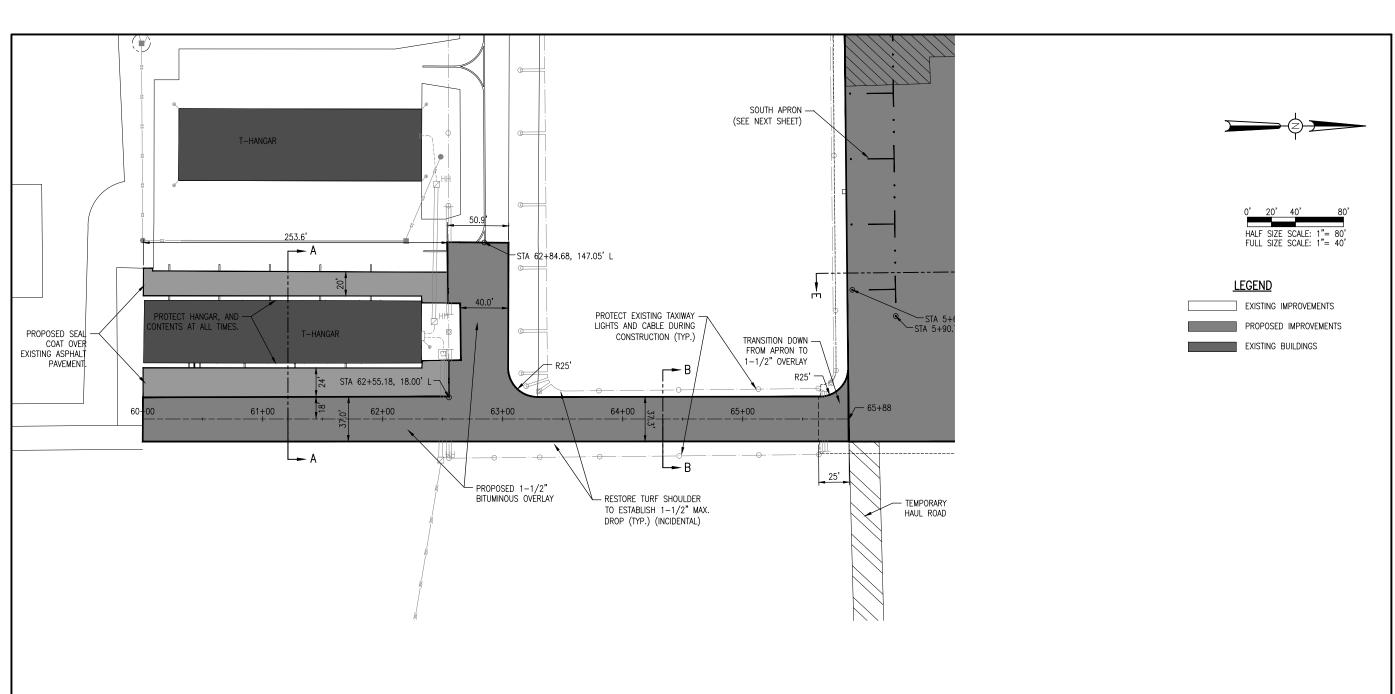
CAD FILE: C-122-CON.DWG

DESIGN BY: JRH 01/27/2017 DRAWN BY: JRH 01/27/2017

REVIEWED BY:KBS 03/03/2017

SHEET TITLE

CONSTRUCTION PLAN - ABANDONED PAVEMENT





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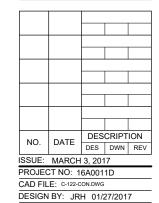
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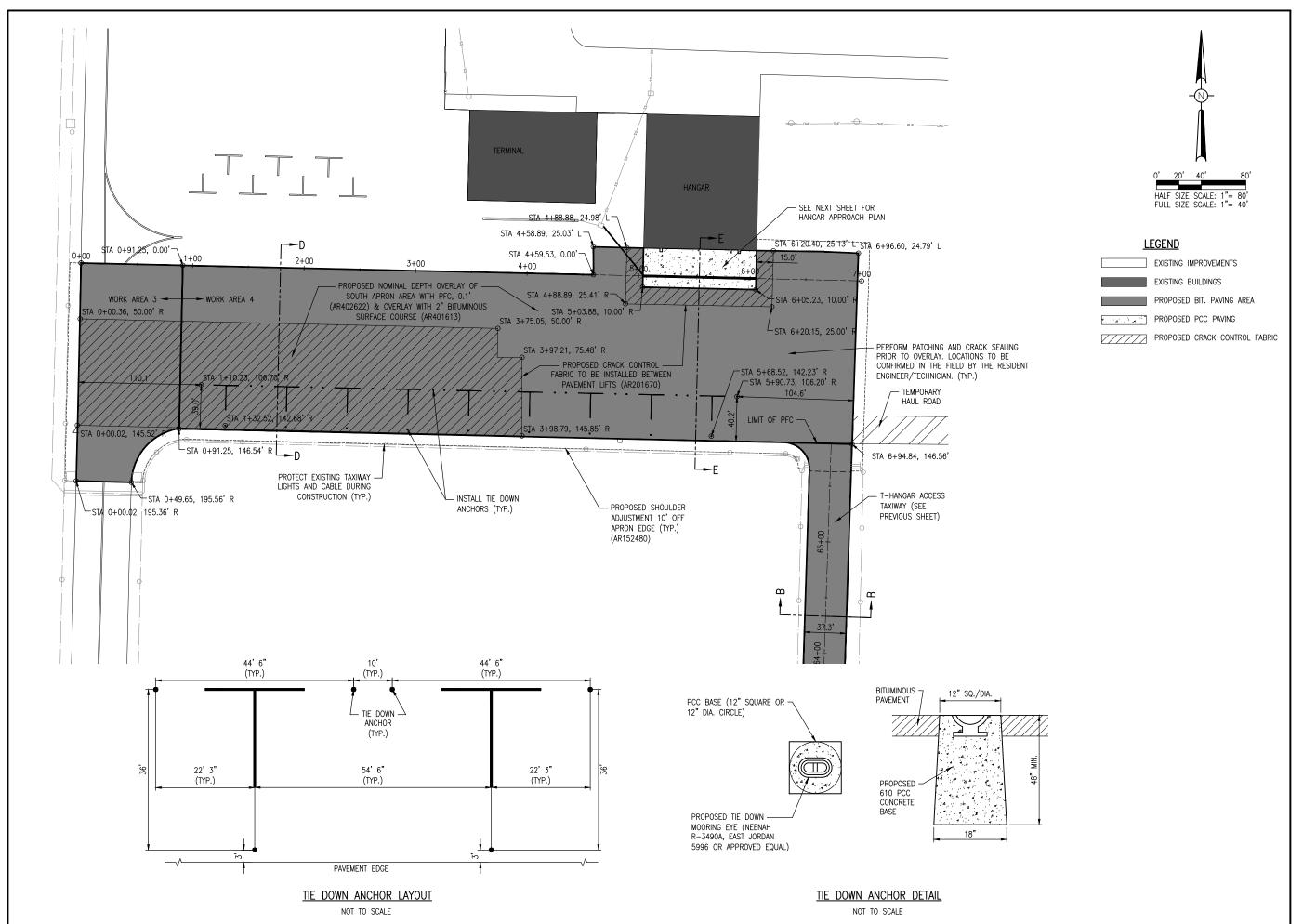
Contract No. RB021



SHEET TITLE

CONSTRUCTION PLAN - HANGAR TAXIWAY

DRAWN BY: JRH 01/27/2017 REVIEWED BY:KBS 03/03/2017





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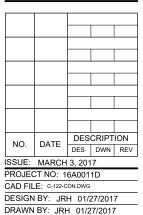
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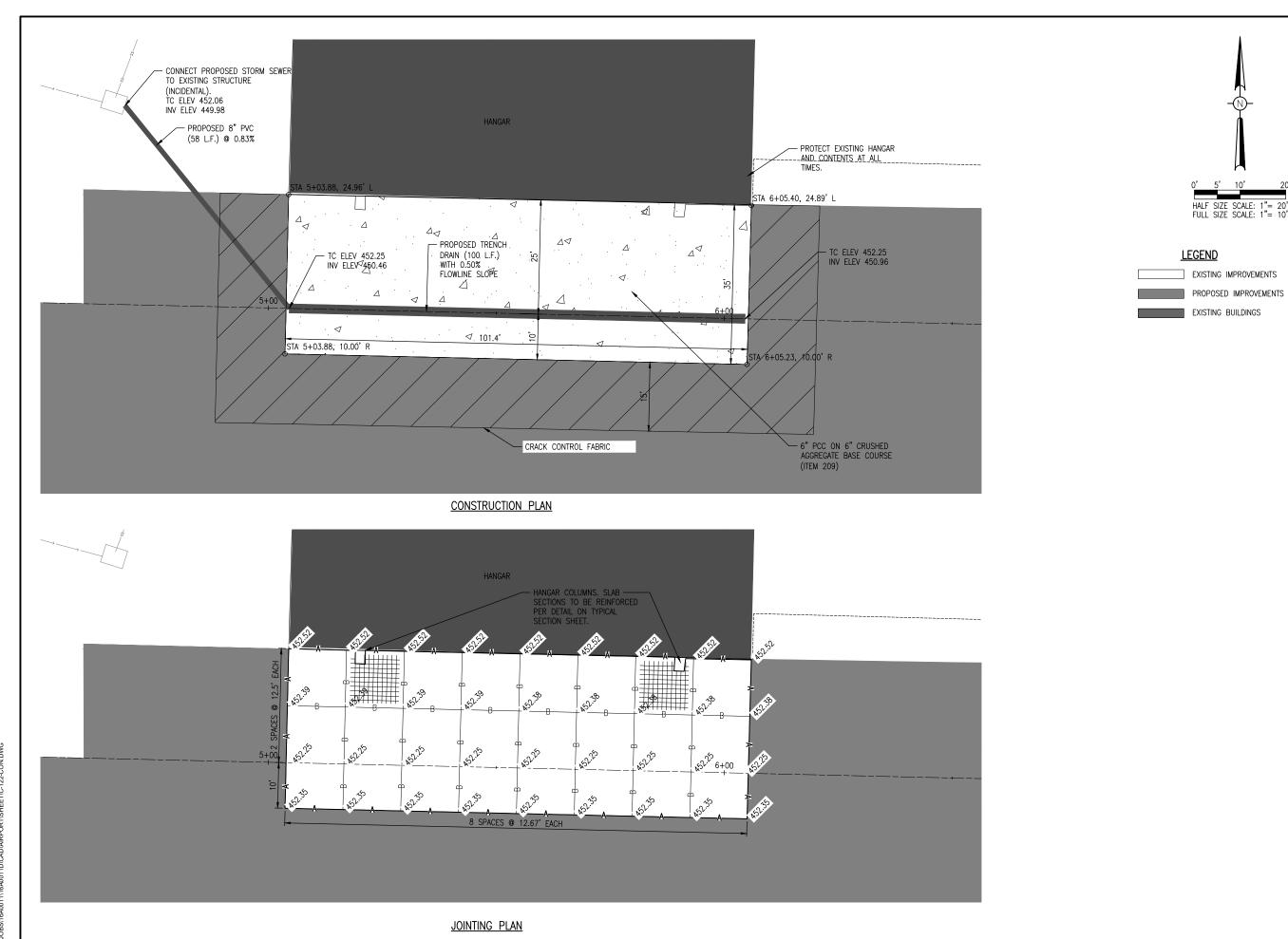
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CONSTRUCTION PLAN - APRON

SHEET TITLE

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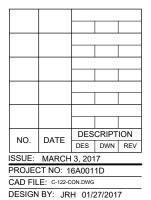
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Contract No. RB021



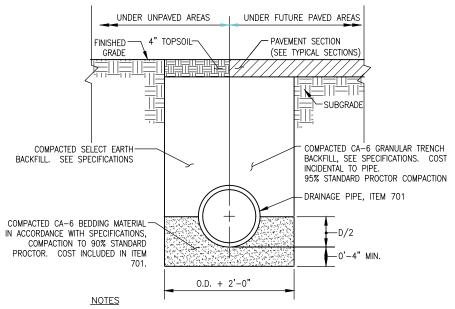
SHEET TITLE

CONSTRUCTION PLAN - HANGAR APPROACH

DRAWN BY: JRH 01/27/2017 REVIEWED BY:KBS 03/03/2017 <u>PLAN</u>

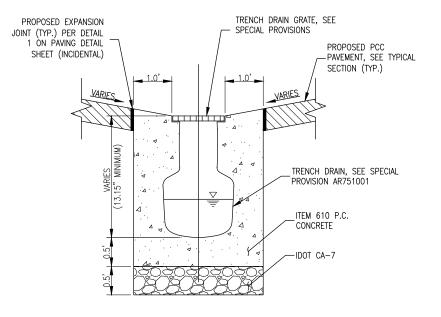
TRENCH DRAIN NOTES:

- 1. FOR TRENCH DRAIN LOCATION AND INVERTS, SEE HANGAR APPROACH CONSTRUCTION PLAN.
- 2. TRENCH DRAIN ACCESSORIES, TO INCLUDE BUT NOT LIMITED TO, CHANNEL FRAMES, COUPLERS, AND ADAPTERS ARE THE RESPONSIBILITY OF THE CONTRACTOR AND INCIDENTAL TO TRENCH DRAIN.



- 1. UNSUITABLE MATERIAL ENCOUNTERED DURING PLACEMENT OF BEDDING SHALL BE REMOVED AND REPLACED.
- 2. WITHIN 3 FEET OF FUTURE PAVED AREA, GRANULAR BACKFILL IS TO BE USED INSTEAD OF EARTH BACKFILL.
- 3. AT CONTRACTOR'S OPTION IDOT CONTROLLED LOW STRENGTH MATERIAL WITH A HIGH EARLY STRENGTH MAY BE USED INSTEAD OF GRANULAR TRENCH BACKFILL UNDER PAVEMENTS.
- 4. CA-7 BEDDING MAY BE PERMITTED IN CERTAIN CONDITIONS AS SPECIFIED IN STANDARD SPECIFICATIONS.

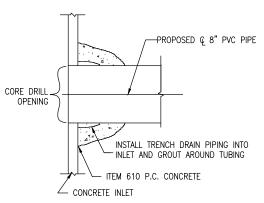
PIPE TRENCH



© TRENCH DRAIN

SECTION A-A

TRENCH DRAIN



<u>NOTES</u>

- 1. HOLE FOR TRENCH DRAIN PIPING TO BE CORE DRILLED INTO INLET AT ELEVATION SPECIFIED.
- 2.CONNECTION IS INCIDENTAL TO PIPE.

TRENCH DRAIN CONCRETE COLLAR AND GROUT CONNECTION

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NO. DATE DESCRIPTION
DES DWN REV
SSUE: MARCH 3, 2017

PROJECT NO: 16A0011D
CAD FILE: G-531-DRN.DWG

DESIGN BY: JRH 02/01/2017

DRAWN BY: JRH 02/01/2017

REVIEWED BY:KBS 03/03/2017

SHEET TITLE

DRAINAGE DETAILS



Hanson Professional Services Inc. 1525 S. 6th Street Springfield, IL 62568 phone: 217-788-2450 fax: 217-788-2503

Illinois Licensed Professional Service Corporation #184-001084

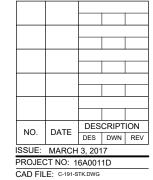
Crawford County Airport

10748 North 1650th St. Palestine, Illinois 62451

RECONSTRUCTION OF SOUTHERN PORTION OF APRON

IDA No: RSV-4514 AIP No: 3-17-SBGP-133

Contract No. RB021

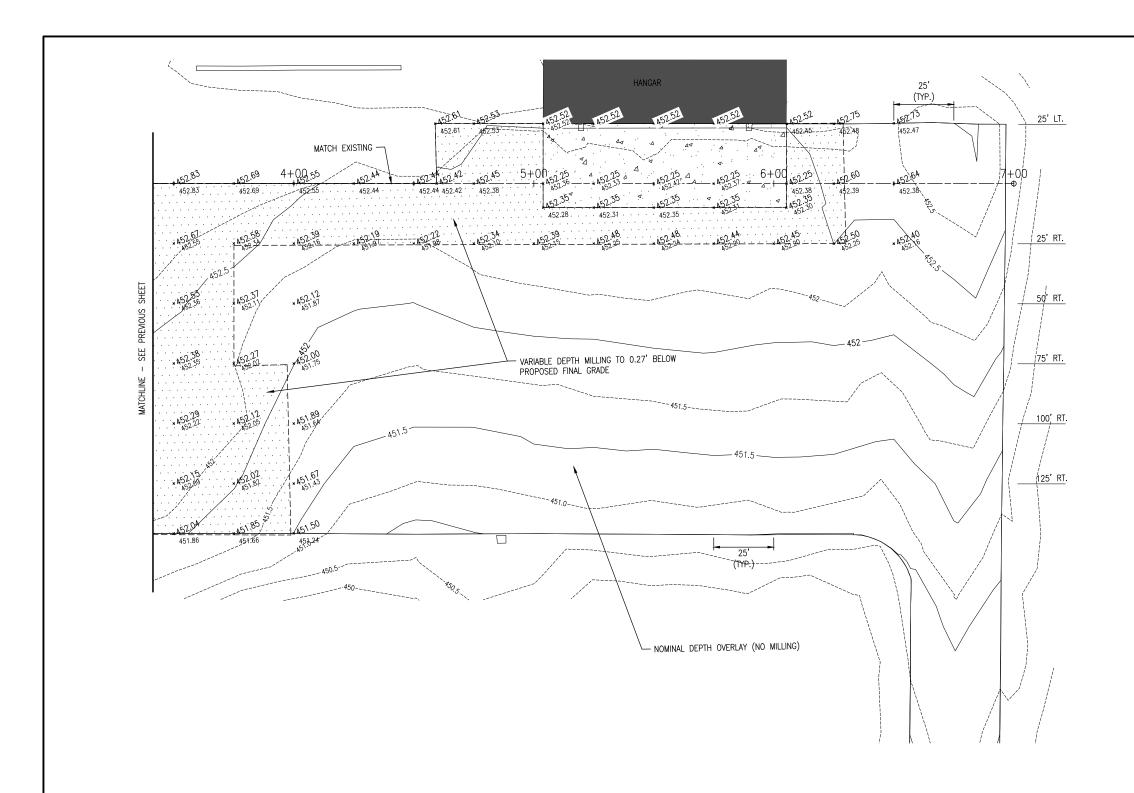


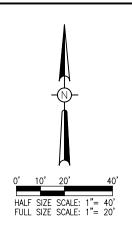
DESIGN BY: JRH 01/27/2017 DRAWN BY: JRH 01/27/2017

REVIEWED BY:KBS 03/03/2017

SHEET TITLE

STAKING PLAN -SHEET 1





<u>LEGEND</u>

PROPOSED IMPROVEMENTS

EXISTING BUILDINGS
PROP. EXIST. SPOT ELEVATION

452
PROP. SURFACE CONTOURS
EXIST.

VARIABLE DEPTH MILLING

HANSON Engineering | Palanting | Allied Service

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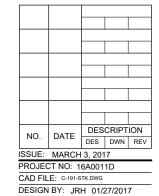
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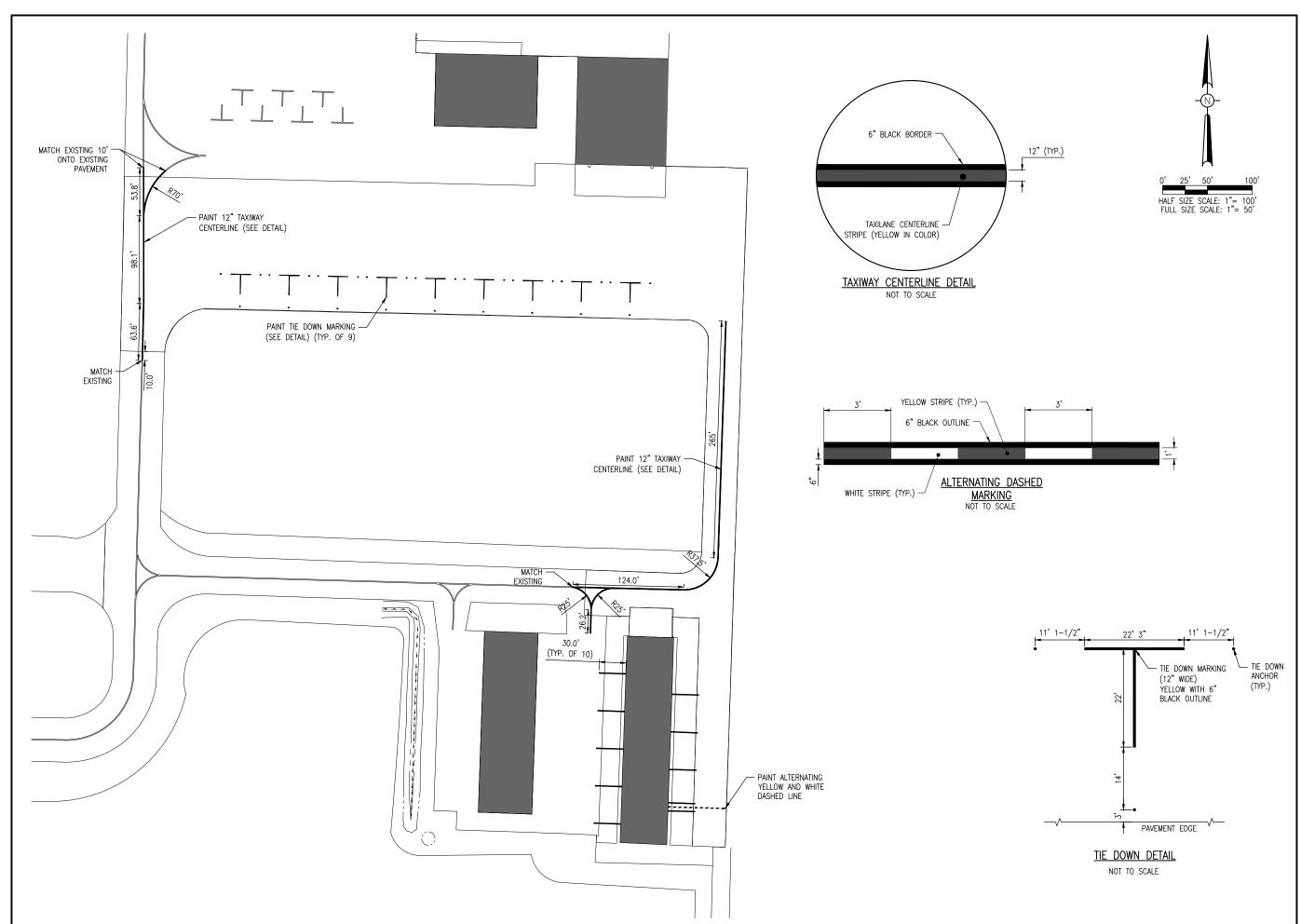


REVIEWED BY:KBS 03/03/2017

SHEET TITLE

DRAWN BY: JRH 01/27/2017

STAKING PLAN -SHEET 2





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SHEET TITLE

MARKING PLAN AND DETAILS