

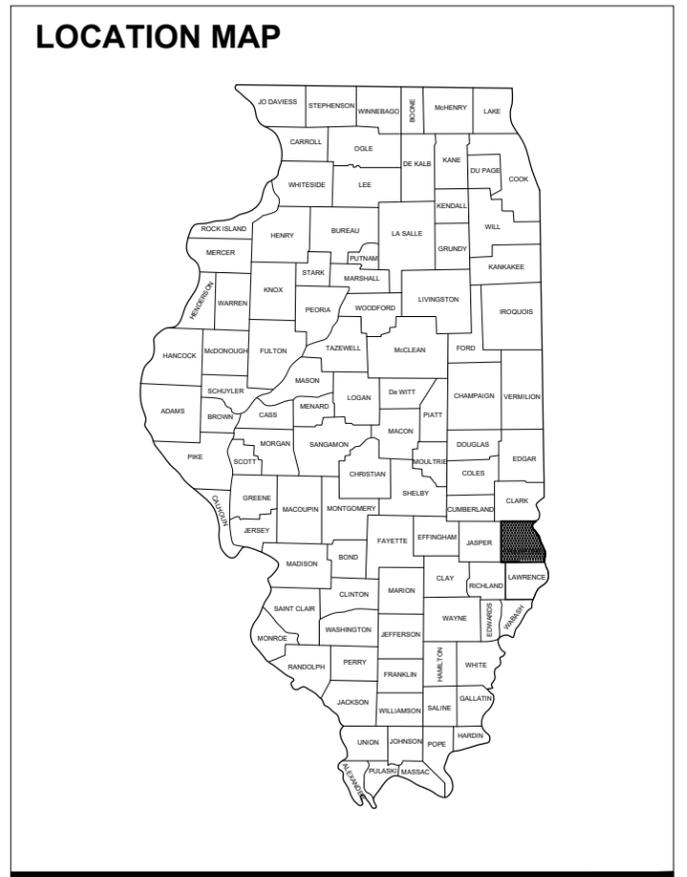
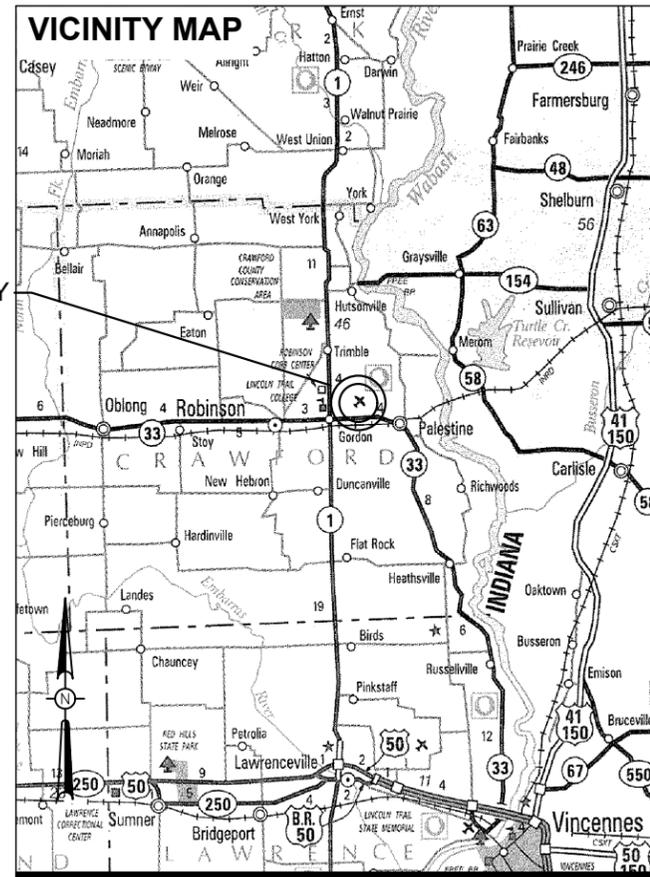
CONSTRUCTION PLANS

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
AIRPORT



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.

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No.	Issue/Description	Sheets Changed	Date	By

PREPARED BY:



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

DATE OF PLANS:
March 3, 2017

Kyle B. Schweizer
Kyle Schweizer, P.E.
Project Engineer



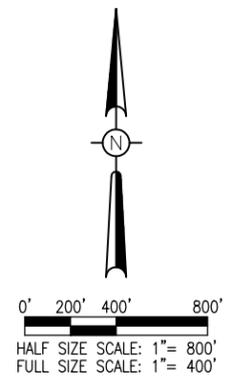
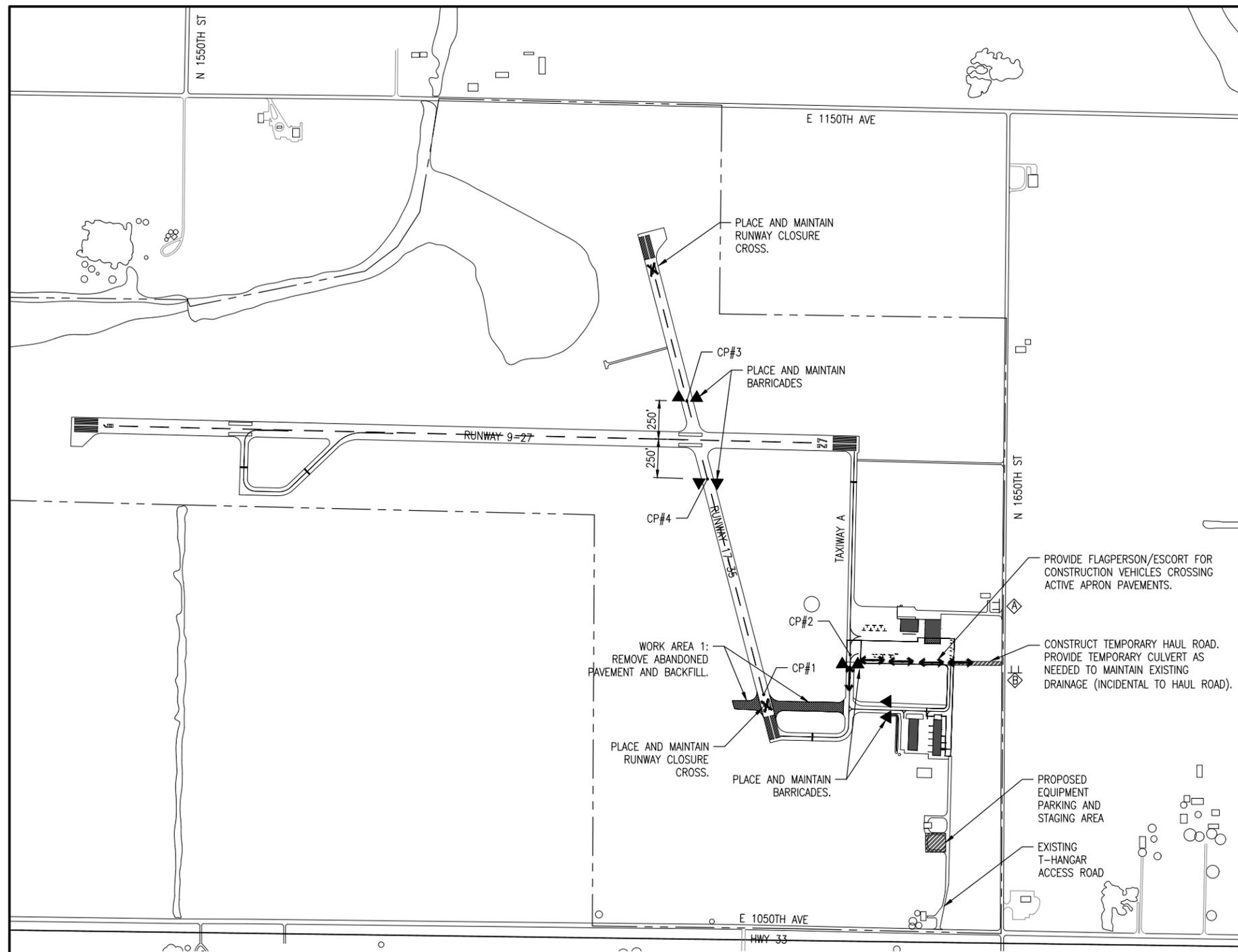
March 3, 2017
Date

CRAWFORD COUNTY AIRPORT AUTHORITY
CRAWFORD COUNTY AIRPORT
10748 North 1900th Street
Pekin, Illinois 62451
Telephone: 815.590.2121

John Deppert

John Deppert
Authority Chairman





- LEGEND**
- EXISTING IMPROVEMENTS
 - PROPOSED IMPROVEMENTS
 - EXISTING BUILDINGS
 - PROPOSED HAUL ROAD AND EQUIPMENT PARKING AREA
 - CP#1 CRITICAL POINT
 - ▲▲▲ PROPOSED BARRICADES
 - ↔ PROPOSED HAUL ROUTE
 - TT ◊ 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 1 NOTES**
- THE WORK ITEMS TO BE COMPLETED IN THIS AREA INCLUDE REMOVAL OF THE EXISTING ABANDONED TAXIWAY PAVEMENT, BACKFILL OF THE AREA, SEEDING/MULCHING.
 - 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.

CRITICAL POINT DATA						
NO.	DESCRIPTION	LAT.	LONG.	GND. ELEV.	EQP. HT.	EQP. ELEV.
1	RWY 35 LIMITS OF WORK AREA 1	39° 00' 42.34"	87° 38' 42.91"	452'	25'	477'
2	BARRICADES ON RAMP LIMITS OF WORK AREA 1	39° 00' 44.89"	87° 38' 35.77"	452'	25'	477'
3	BARRICADES ON RWY 17 NORTH OF RWY 27	39° 01' 01.07"	87° 38' 48.95"	456'	2'	458'
4	BARRICADES ON RWY 17 SOUTH OF RWY 27	39° 00' 56.27"	87° 38' 47.42"	454'	2'	456'
5	EQUIPMENT PARKING AND STAGING AREA	39° 00' 33.51"	87° 38' 29.78"	452'	25'	477'
6	SOUTH LIMITS BARRICADES WORK AREA 2	39° 00' 38.47"	87° 38' 29.37"	451'	25'	476'
7	BARRICADES ON TXY B WORK AREA 2	39° 00' 41.24"	87° 38' 30.00"	450'	25'	475'
8	NORTH LIMITS BARRICADES WORK AREA 2	39° 00' 44.34"	87° 38' 27.58"	452'	25'	477'
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10	BARRICADES ON TXY A NORTH OF WORK AREA 3	39° 00' 46.49"	87° 38' 35.74"	453'	25'	478'
11	NORTH LIMITS OF WORK AREA 4 CONSTRUCTION	39° 00' 46.02"	87° 38' 34.66"	454'	25'	479'
12	WEST LIMITS OF WORK AREA 4 CONSTRUCTION	39° 00' 44.71"	87° 38' 35.02"	452'	25'	477'

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RECONSTRUCTION OF SOUTHERN PORTION OF APRON

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

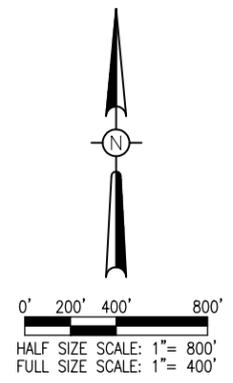
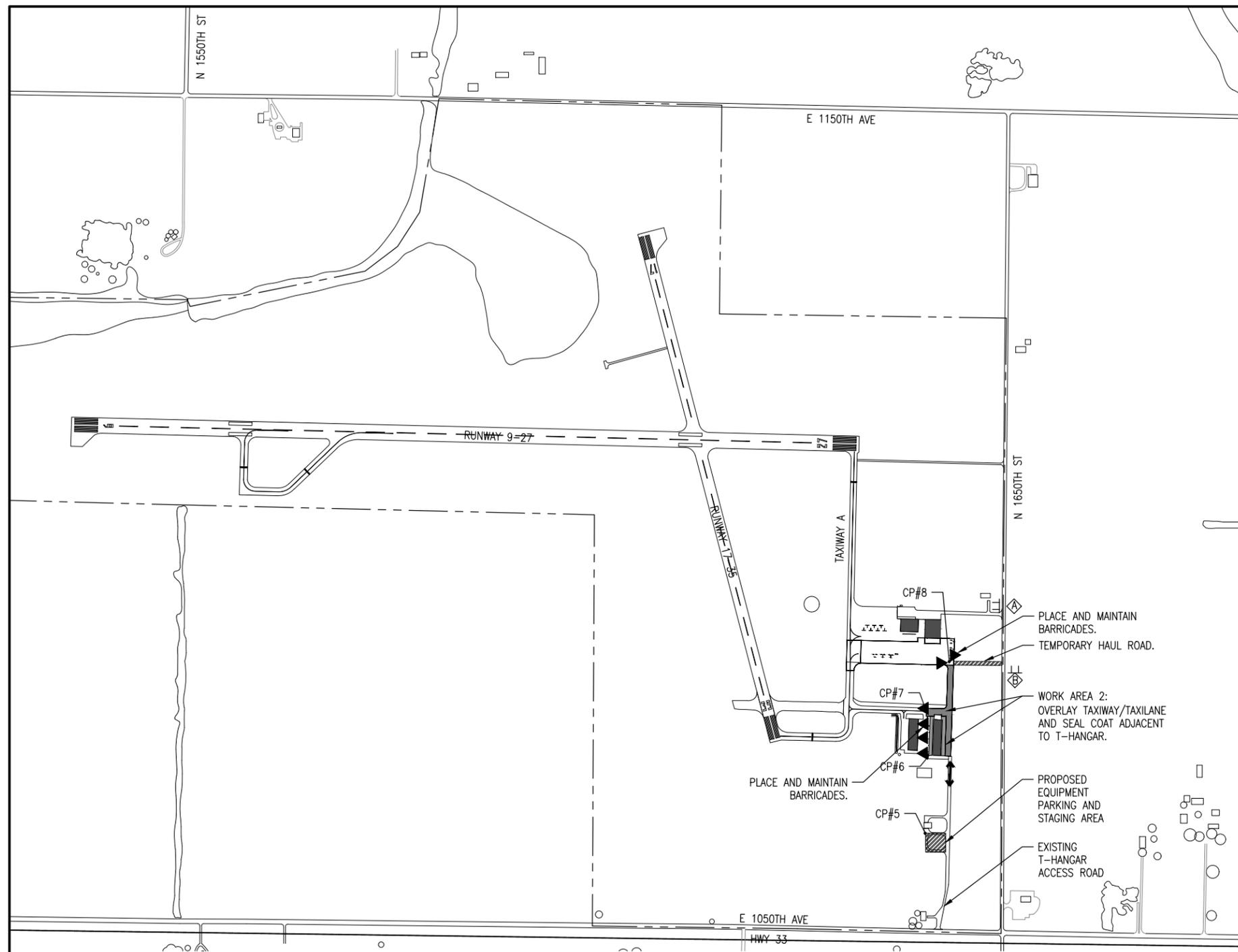
Contract No. RB021

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: MARCH 3, 2017
PROJECT NO: 16A0011D
CAD FILE: G-004-SFY.DWG
DESIGN BY: JRH 01/26/2017
DRAWN BY: JRH 01/26/2017
REVIEWED BY: KBS 03/03/2017

SHEET TITLE

CONSTRUCTION SAFETY AND PHASING PLAN-WORK AREA 1



LEGEND

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING BUILDINGS
- PROPOSED HAUL ROAD AND EQUIPMENT PARKING AREA
- CP#1 CRITICAL POINT
- PROPOSED BARRICADES
- PROPOSED HAUL ROUTE
- PROPOSED CONSTRUCTION SIGN

SAFETY PLAN COMPLIANCE DOCUMENT

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WORK AREA 2 NOTES

1. 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 DURING CONSTRUCTION.
3. 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.
6. THE COSTS FOR PROVISION, PLACEMENT, MAINTENANCE AND REMOVAL OF BARRICADES AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150520 MOBILIZATION.
7. 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.

CRITICAL POINT DATA

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RECONSTRUCTION OF SOUTHERN PORTION OF APRON

IDA No: RSV-4514
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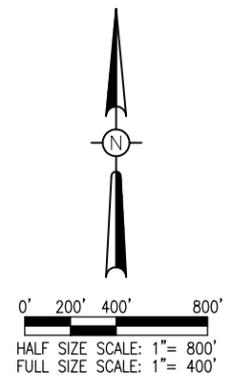
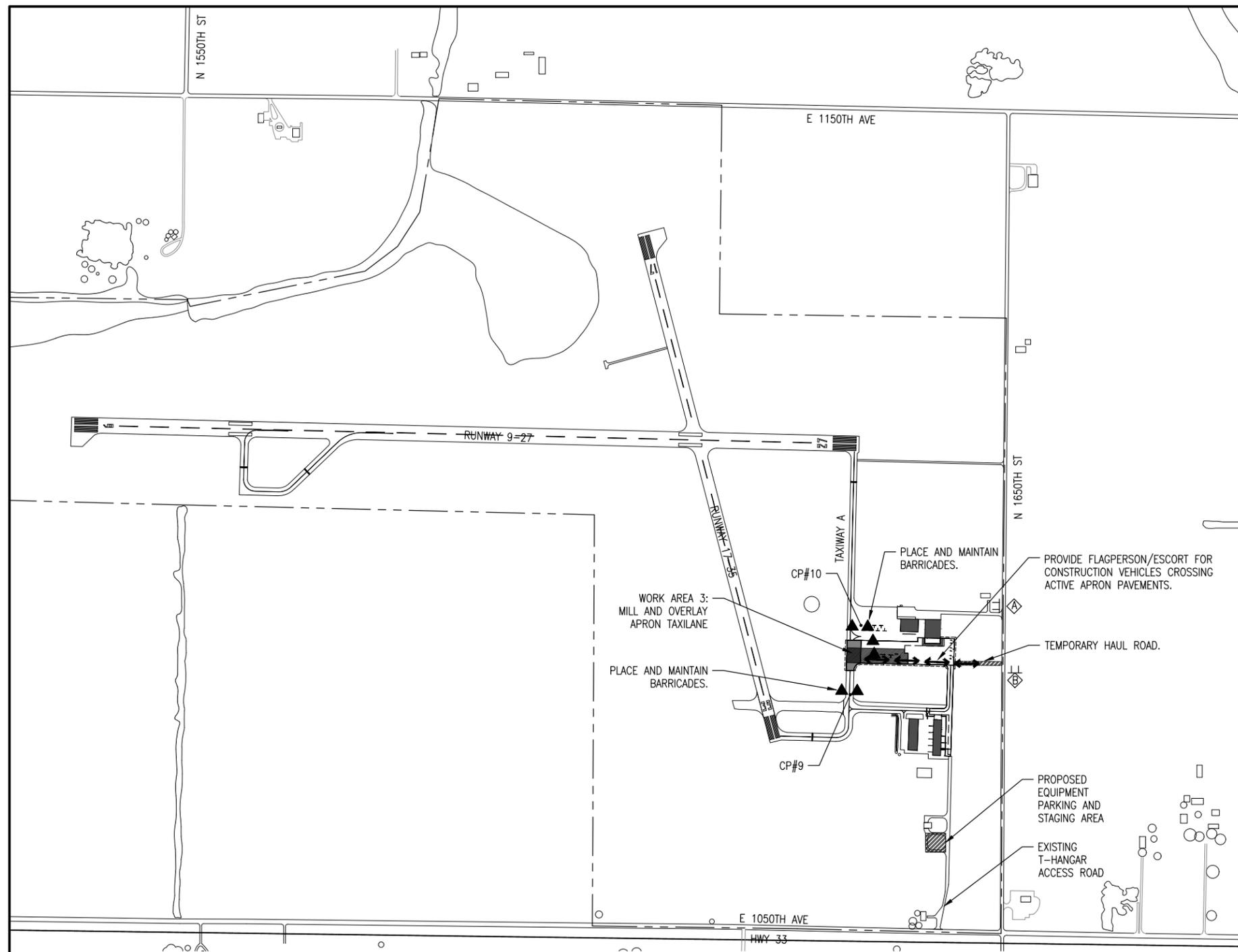
Contract No. RB021

NO.	DATE	DESCRIPTION

ISSUE: MARCH 3, 2017
PROJECT NO: 16A0011D
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

CONSTRUCTION SAFETY AND PHASING PLAN-WORK AREA 2



LEGEND

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING BUILDINGS
- PROPOSED HAUL ROAD AND EQUIPMENT PARKING AREA
- CP#1 CRITICAL POINT
- ▲▲▲ PROPOSED BARRICADES
- ↔ PROPOSED HAUL ROUTE
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WORK AREA 3 NOTES

1. THE WORK ITEMS TO BE COMPLETED IN THIS AREA INCLUDE MILLING OF THE EXISTING PAVEMENT, AND CONSTRUCTION OF THE NEW PAVEMENT OVERLAY.
2. CONTRACTOR WILL HAVE 14 CALENDAR DAYS TO COMPLETE WORK IN AREA 3. REFER TO THE PROJECT SPECIAL PROVISIONS, SECTION 80-08.
3. 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.
6. THE COSTS FOR PROVISION, PLACEMENT, MAINTENANCE AND REMOVAL OF BARRICADES AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150520 MOBILIZATION.
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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-004-SFY.DWG
DESIGN BY: JRH 01/26/2017
DRAWN BY: JRH 01/26/2017
REVIEWED BY: KBS 03/03/2017

SHEET TITLE

CONSTRUCTION SAFETY AND PHASING PLAN-WORK AREA 3

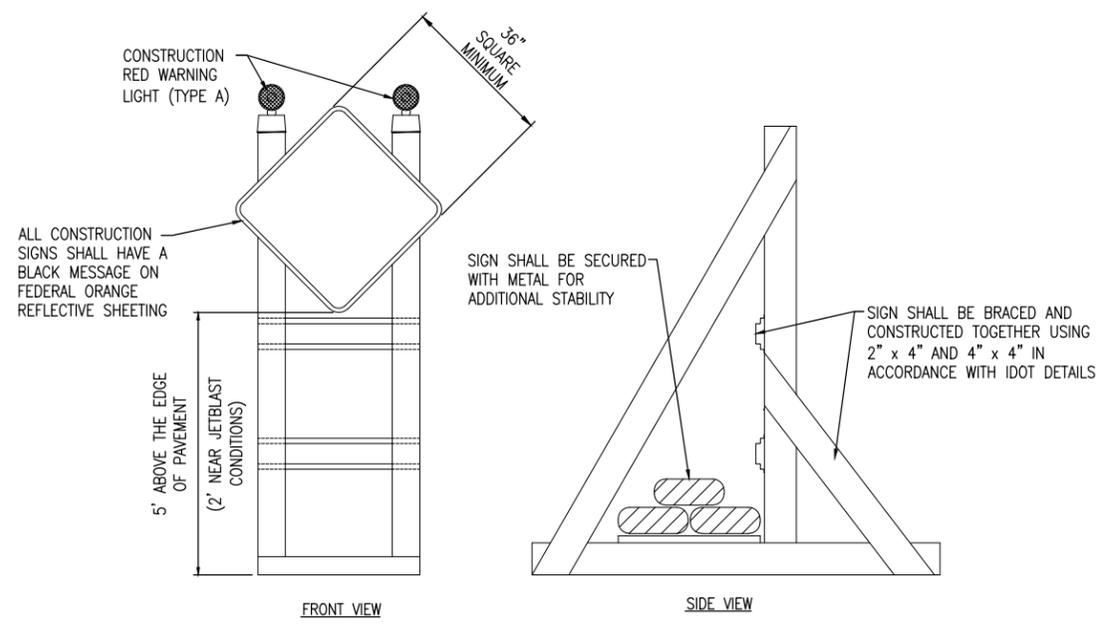
NO.	DATE	DESCRIPTION		
		DES	DWN	REV

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PROJECT NO: 16A0011D
CAD FILE: G-501-SFY.DWG
DESIGN BY: JRH 11/30/2016
DRAWN BY: JRH 11/30/2016
REVIEWED BY: KBS 03/03/2017

SHEET TITLE

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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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 SWEEPED, PICKED UP AND REMOVED, OR PLACED INTO CLOSED CONTAINERS. ANY DAMAGE TO AIRPORT PROPERTY SHALL BE REPAIRED IMMEDIATELY AT NO COST TO THE OWNER.
- 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.
- ALL AIRCRAFT AND AIRPORT OPERATIONS HAVE THE RIGHT-OF-WAY. CONTRACTOR TO YIELD TO VEHICLES AND REMAIN CLEAR AT ALL TIMES.
- 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 ENGINEER/TECHNICIAN.
- CONTRACTOR SHALL MARK HAZARDOUS AREA WITH STEADY-BURNING OR FLASHING RED LIGHTS DURING PERIODS OF LOW VISIBILITY AS REQUIRED.
- 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.
- CONTRACTOR SHALL MOVE MAINTENANCE OF TRAFFIC COMPONENTS AT THE WRITTEN DIRECTION OF THE RESIDENT ENGINEER/TECHNICIAN AT NO ADDITIONAL COST.
- CONTRACTOR SHALL NOT REMOVE THE BARRICADES WITHOUT THE APPROVAL BY THE RESIDENT ENGINEER/TECHNICIAN.
- 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.
- THE CONTRACTOR SHALL UTILIZE WATER AND/OR CHEMICALS APPROVED BY THE RESIDENT ENGINEER/TECHNICIAN AS NECESSARY TO CONTROL DUST.
- 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 APPROVAL 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.
- UNLESS SPECIFIED OTHERWISE, COST FOR THE ABOVE IS TO BE CONSIDERED INCIDENTAL TO THE PROJECT. SEPARATE PAYMENT SHALL NOT BE MADE.

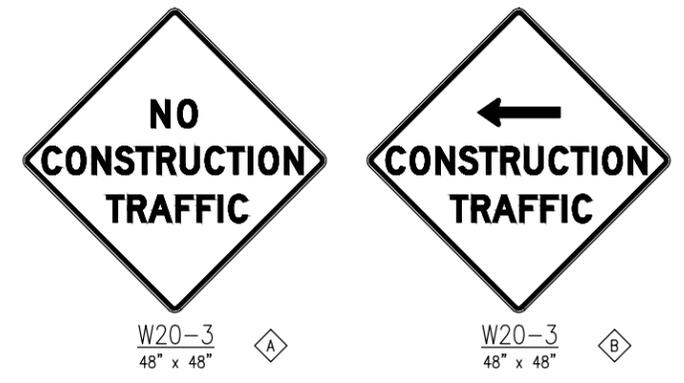


SIGNAGE NOTES

- 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.
- 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).
- 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.

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.
- 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.
- 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.
- COST FOR PROVIDING, PLACING, MAINTAINING, AND REMOVING BARRICADES SHALL BE INCLUDED IN THE COST OF THE OTHER CONTRACT ITEMS.



CONSTRUCTION SIGNS
NOT TO SCALE

RECONSTRUCTION OF SOUTHERN PORTION OF APRON

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

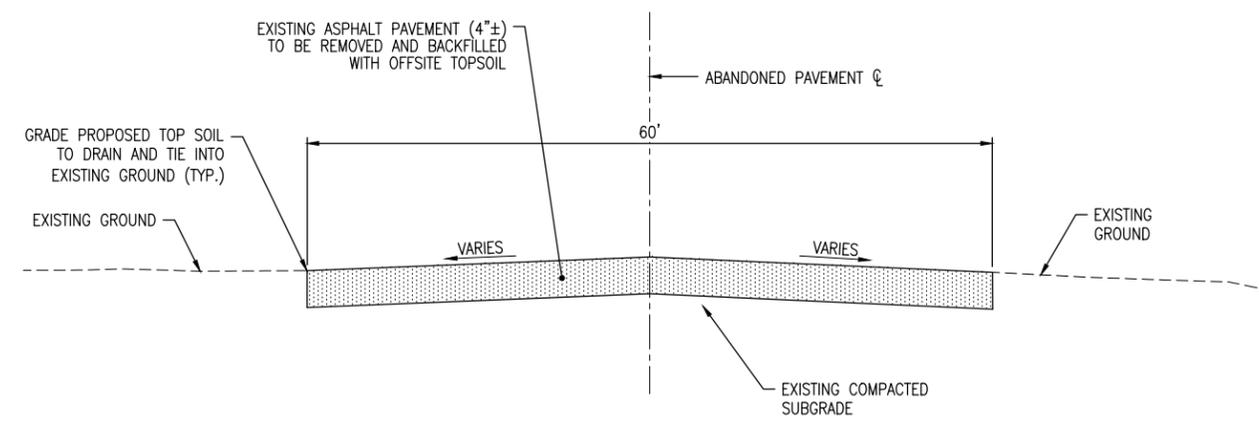
Contract No. RB021

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

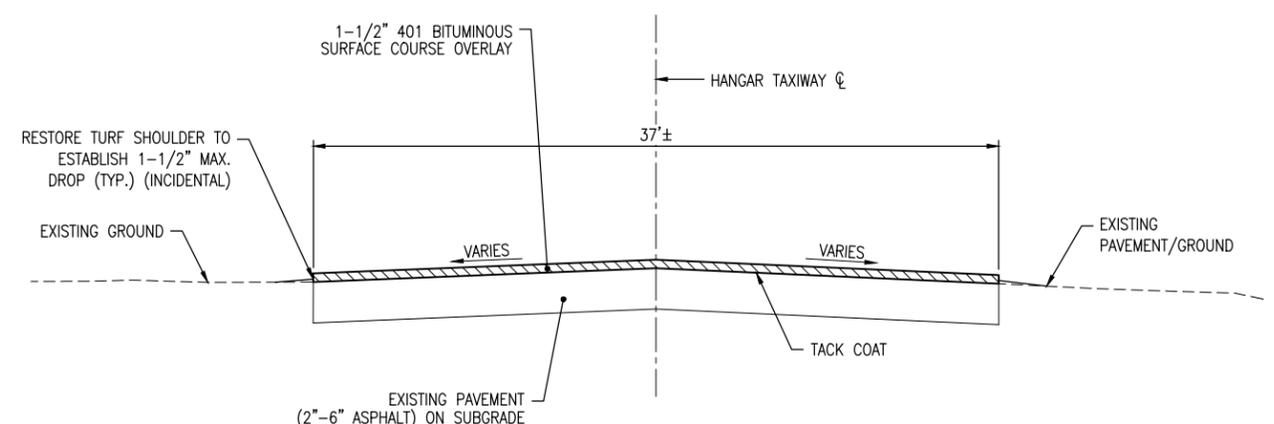
ISSUE: MARCH 3, 2017
PROJECT NO: 16A0011D
CAD FILE: C-302-TYP.DWG
DESIGN BY: JRH 01/26/2017
DRAWN BY: JRH 01/26/2017
REVIEWED BY: KBS 03/03/2017

SHEET TITLE

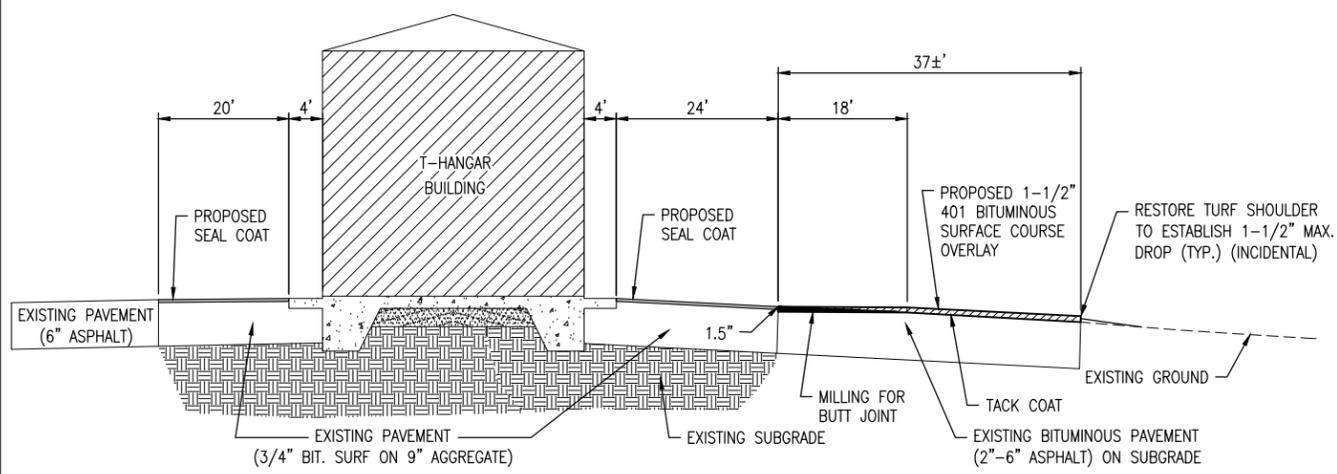
TYPICAL SECTIONS



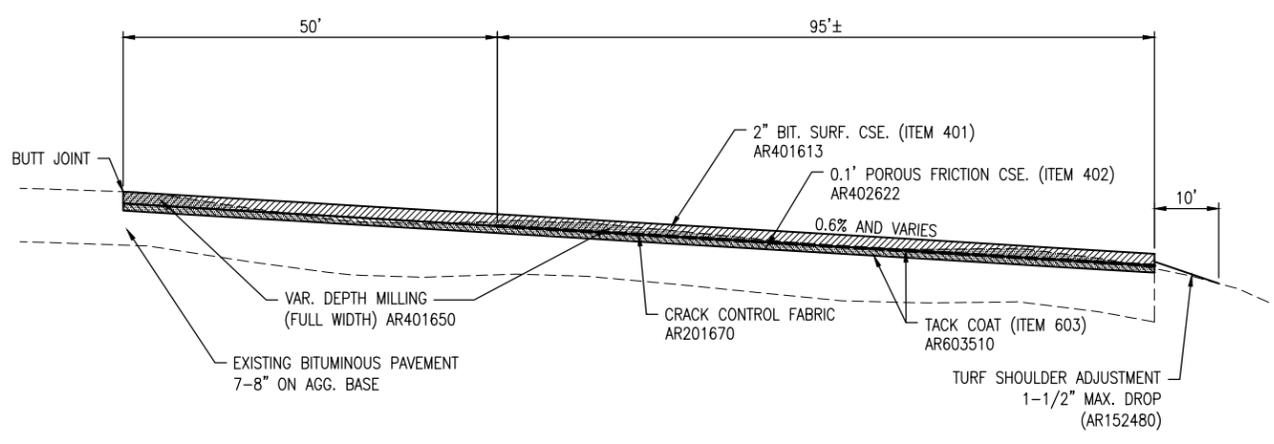
TYPICAL SECTION A-A - ABANDONED PAVEMENT (WORK AREA 1)
NOT TO SCALE



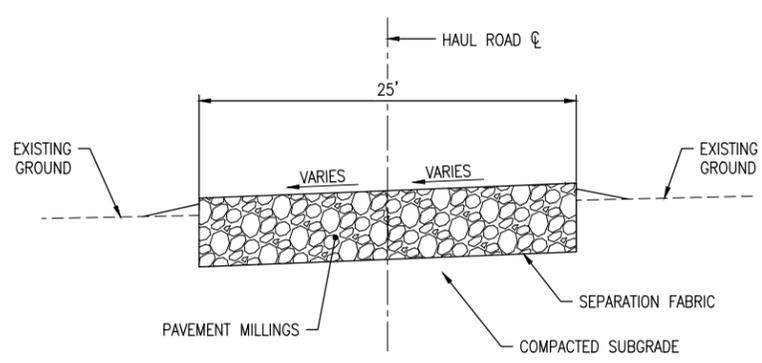
TYPICAL SECTION C-C - T-HANGAR ACCESS TAXIWAY (WORK AREA 2)
NOT TO SCALE



TYPICAL SECTION B-B - T-HANGAR TAXILANES (WORK AREA 2)
NOT TO SCALE

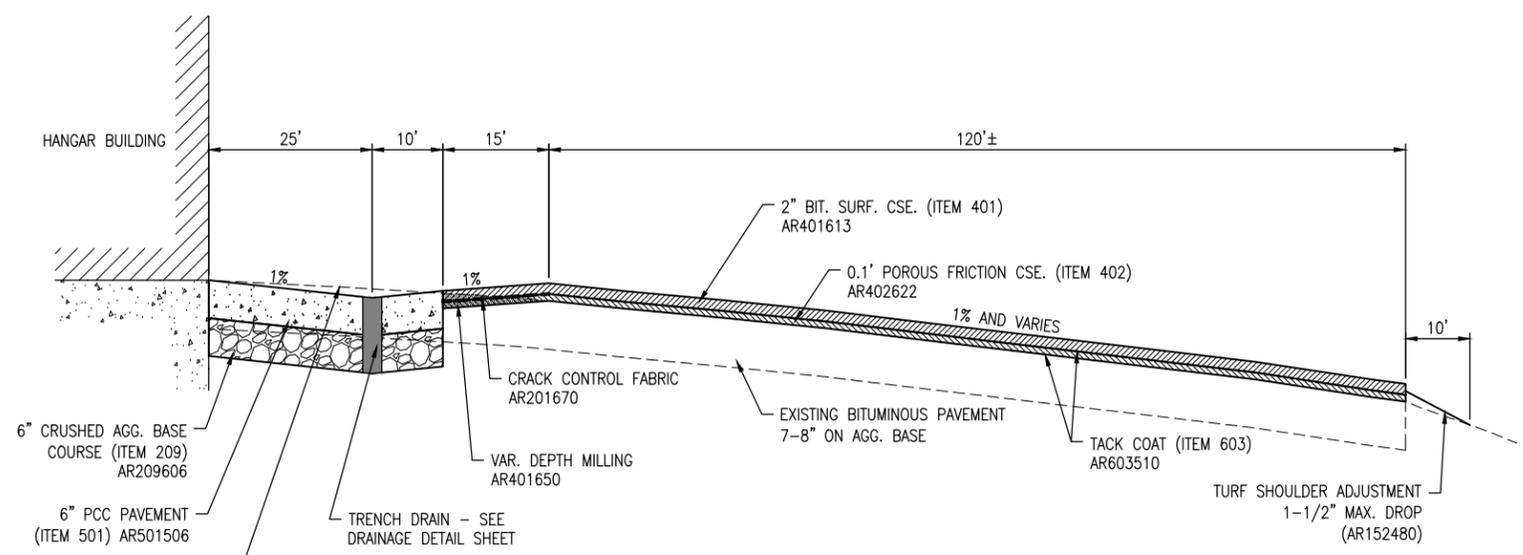


TYPICAL SECTION D-D - SOUTH APRON (WEST PORTION) (WORK AREAS 3/4)
NOT TO SCALE



TYPICAL SECTION - TEMPORARY HAUL ROAD
NOT TO SCALE

- REFER TO SPECIAL PROVISION AR150540 HAUL ROUTE FOR PAYMENT INFORMATION.
- PROPOSED PAVEMENT SHALL MATCH INTO EXISTING PAVEMENT ELEVATIONS AND BE GRADED TO DRAIN.

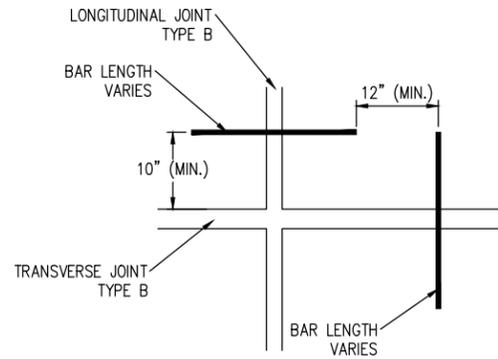


TYPICAL SECTION E-E - SOUTH APRON (EAST PORTION) (WORK AREA 4)
NOT TO SCALE

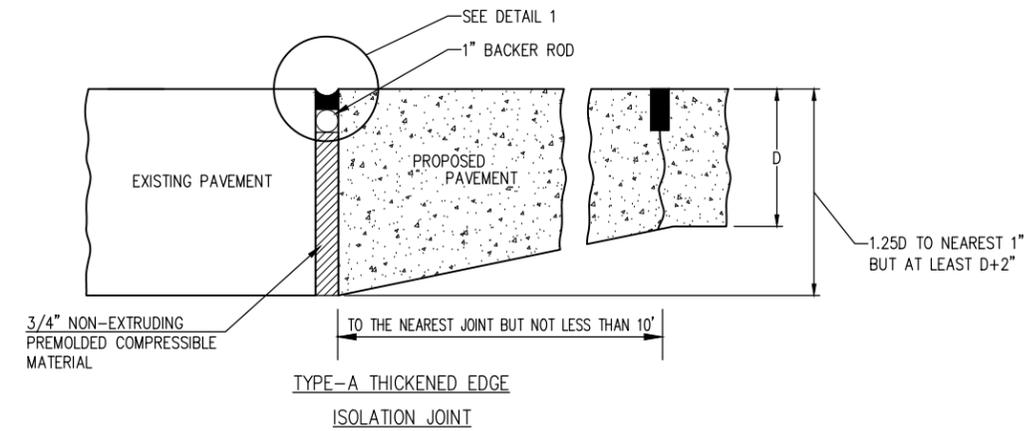
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JOINTING NOTES

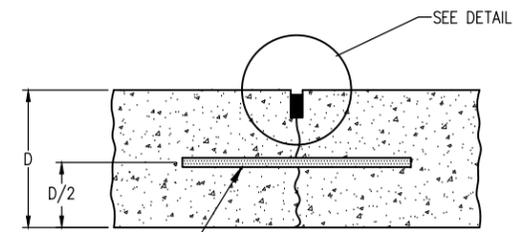
1. ALL JOINT EDGES SHALL BE SAWCUT TO PRODUCE THE 1/4" CHAMFER.
2. ALL LONGITUDINAL AND TRANSVERSE CONTRACTION JOINTS SHALL BE SAWED.
3. TIE BARS FOR 6 IN. THICK PAVEMENT SHALL BE 20 IN. LONG NO. 4 BARS AT 36 IN. SPACING.
4. ALL TIE BARS SHALL BE HELD IN PLACE BY SUPPORT PINS OR OTHER METHODS TO PREVENT SHIFTING DURING AND AFTER CONCRETE PLACEMENT. SUPPORT PINS SHALL BE OF SUFFICIENT LENGTH TO PENETRATE AT LEAST 6" INTO THE SUBGRADE.
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 ±1/8" FOR CONSTRUCTION JOINTS AND ±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.



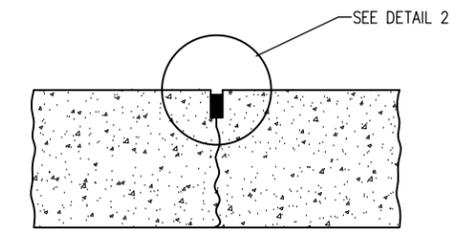
POSITION OF DOWELS AT EDGE OF JOINT TYPE B
DOWEL PLAN VIEW



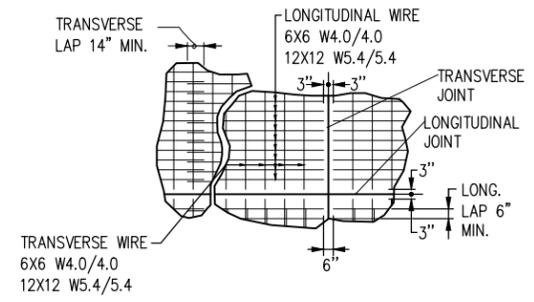
TYPE-A THICKENED EDGE ISOLATION JOINT



TYPE B HINGED CONTRACTION JOINT

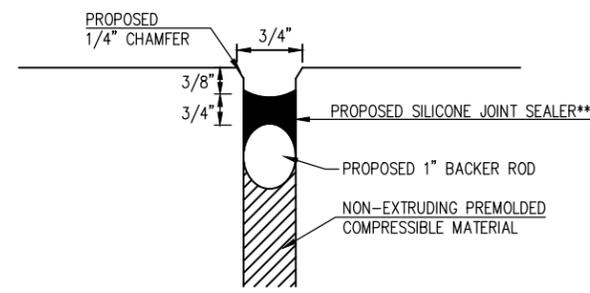


TYPE D DUMMY CONTRACTION JOINT

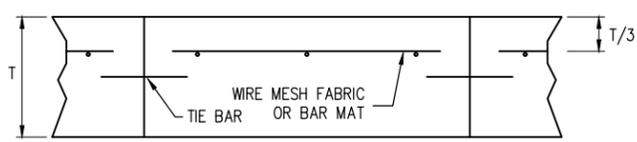


REINFORCEMENT SHEET WIRE FABRIC DETAIL
NOT TO SCALE

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



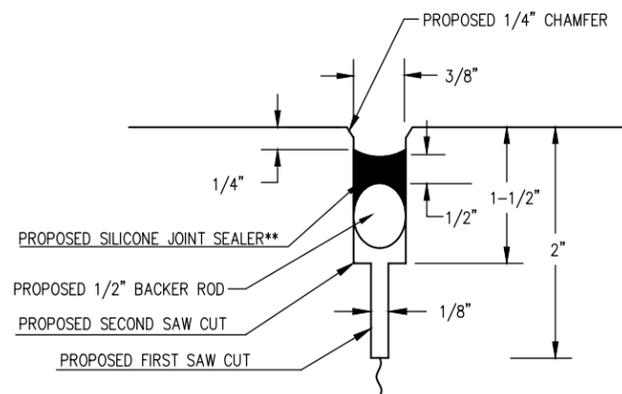
DETAIL 1
NOT TO SCALE



PAVEMENT REINFORCING DETAIL
NOT TO SCALE

REINFORCING NOTES:

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

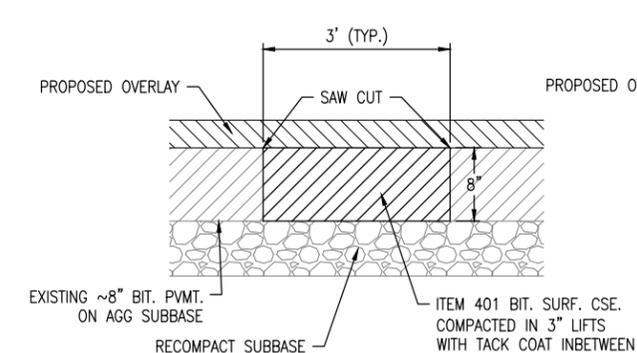


DETAIL 2
NOT TO SCALE

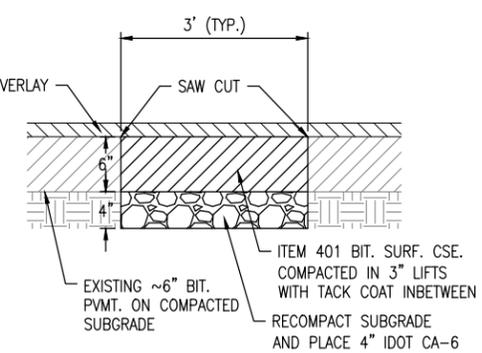
JOINT SEALING DETAILS
NOT TO SCALE

** 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.



SOUTH APRON AREA



T-HANGAR ACCESS TAXIWAY

REMOVE & REPLACE BIT. PAVEMENT
NOT TO SCALE

RECONSTRUCTION OF SOUTHERN PORTION OF APRON

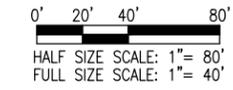
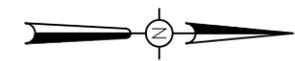
IDA No: RSV-4514
AIP No: 3-17-SBGP-133

Contract No. RB021

NO.	DATE	DESCRIPTION		
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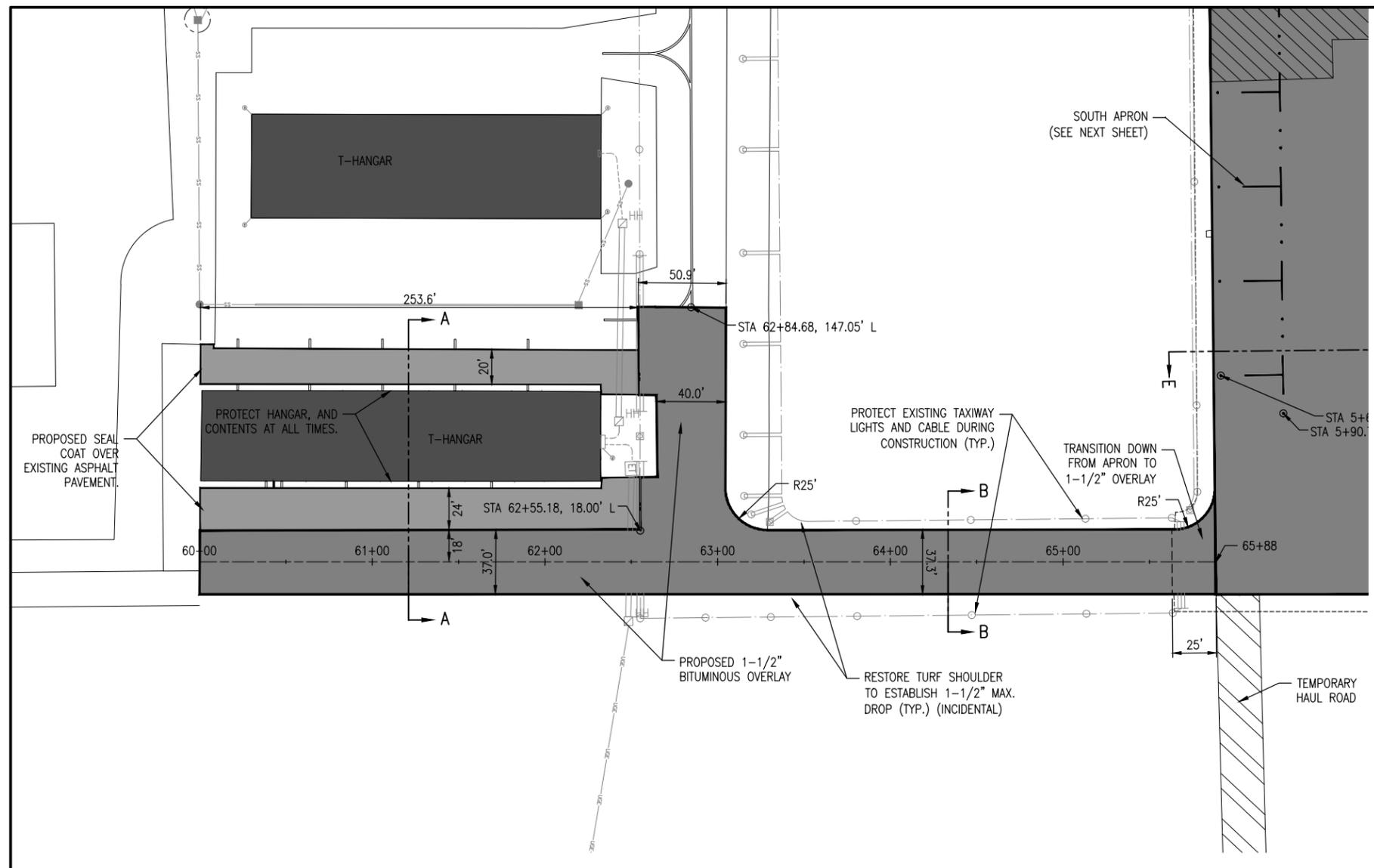
SHEET TITLE

PAVEMENT DETAILS



LEGEND

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING BUILDINGS



RECONSTRUCTION OF SOUTHERN PORTION OF APRON

IDA No: RSV-4514
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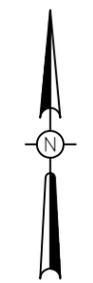
Contract No. RB021

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: MARCH 3, 2017
PROJECT NO: 16A0011D
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

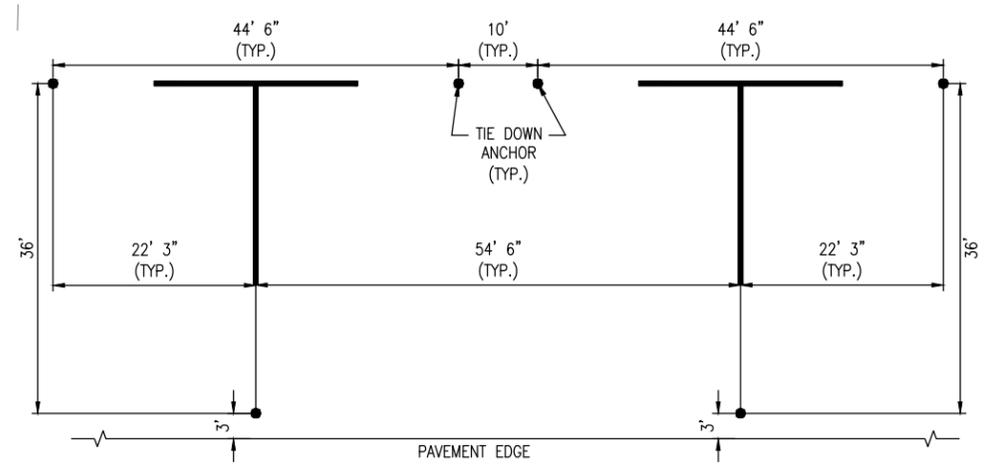
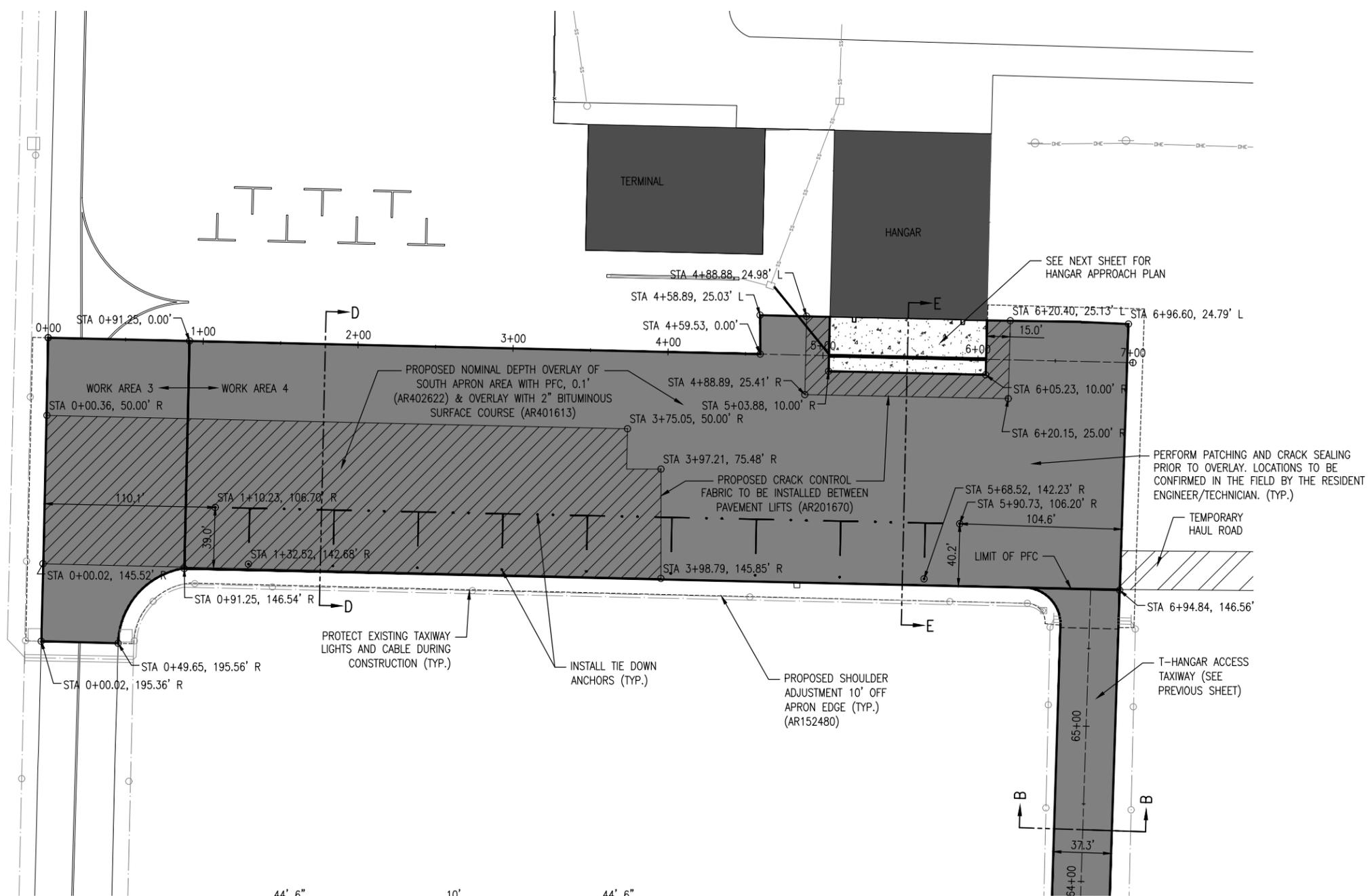
CONSTRUCTION PLAN - HANGAR TAXIWAY



0' 20' 40' 80'
HALF SIZE SCALE: 1" = 80'
FULL SIZE SCALE: 1" = 40'

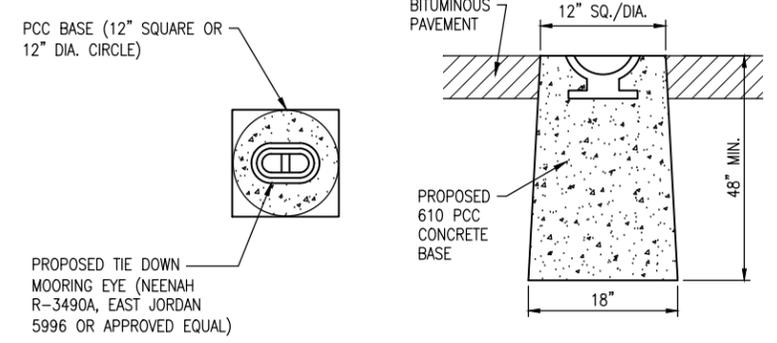
LEGEND

- EXISTING IMPROVEMENTS
- EXISTING BUILDINGS
- PROPOSED BIT. PAVING AREA
- PROPOSED PCC PAVING
- PROPOSED CRACK CONTROL FABRIC



TIE DOWN ANCHOR LAYOUT

NOT TO SCALE



TIE DOWN ANCHOR DETAIL

NOT TO SCALE

RECONSTRUCTION OF SOUTHERN PORTION OF APRON

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

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		DES	DWN	REV

SHEET TITLE

CONSTRUCTION PLAN - APRON

**RECONSTRUCTION OF
SOUTHERN PORTION
OF APRON**

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

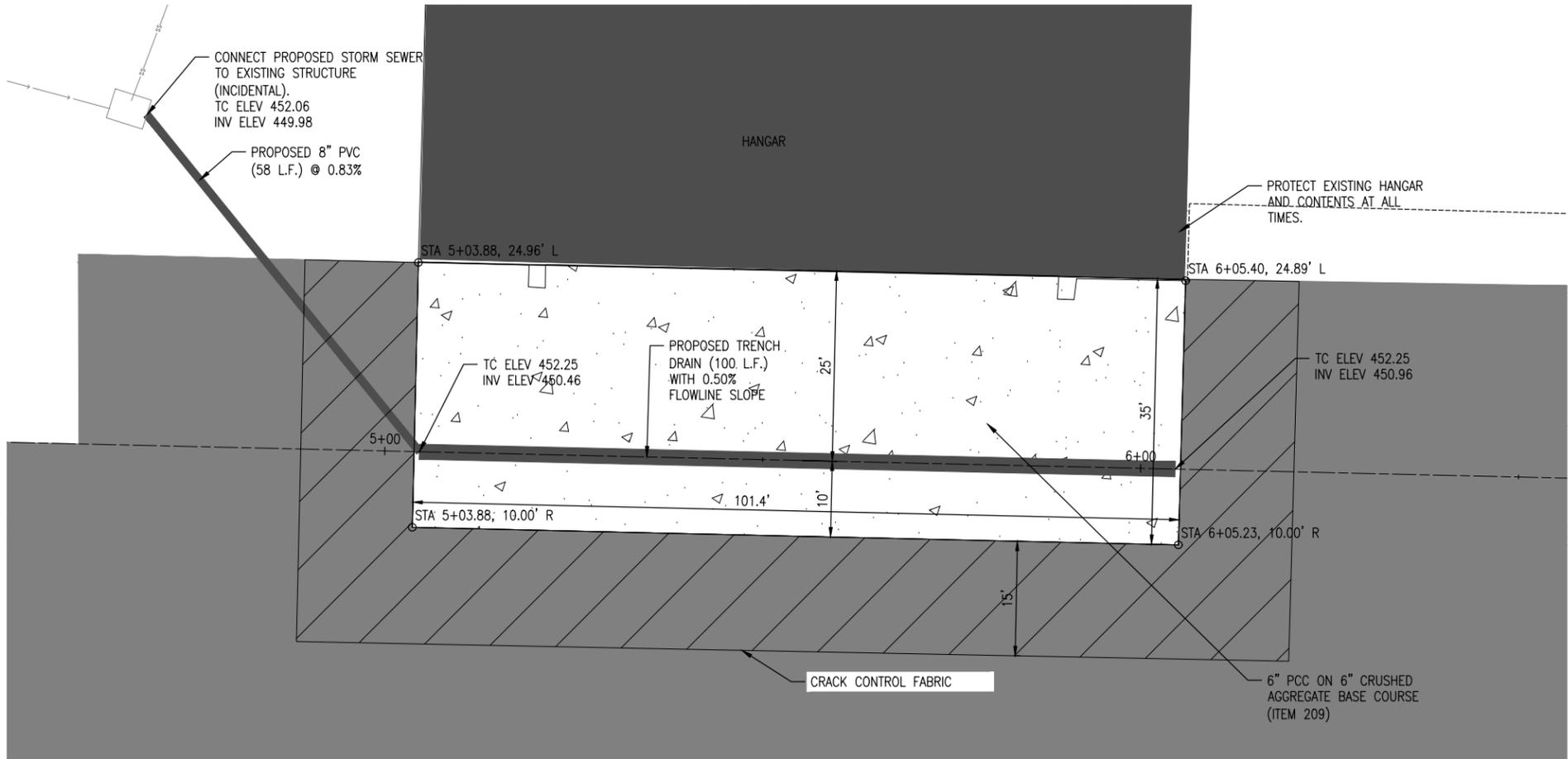
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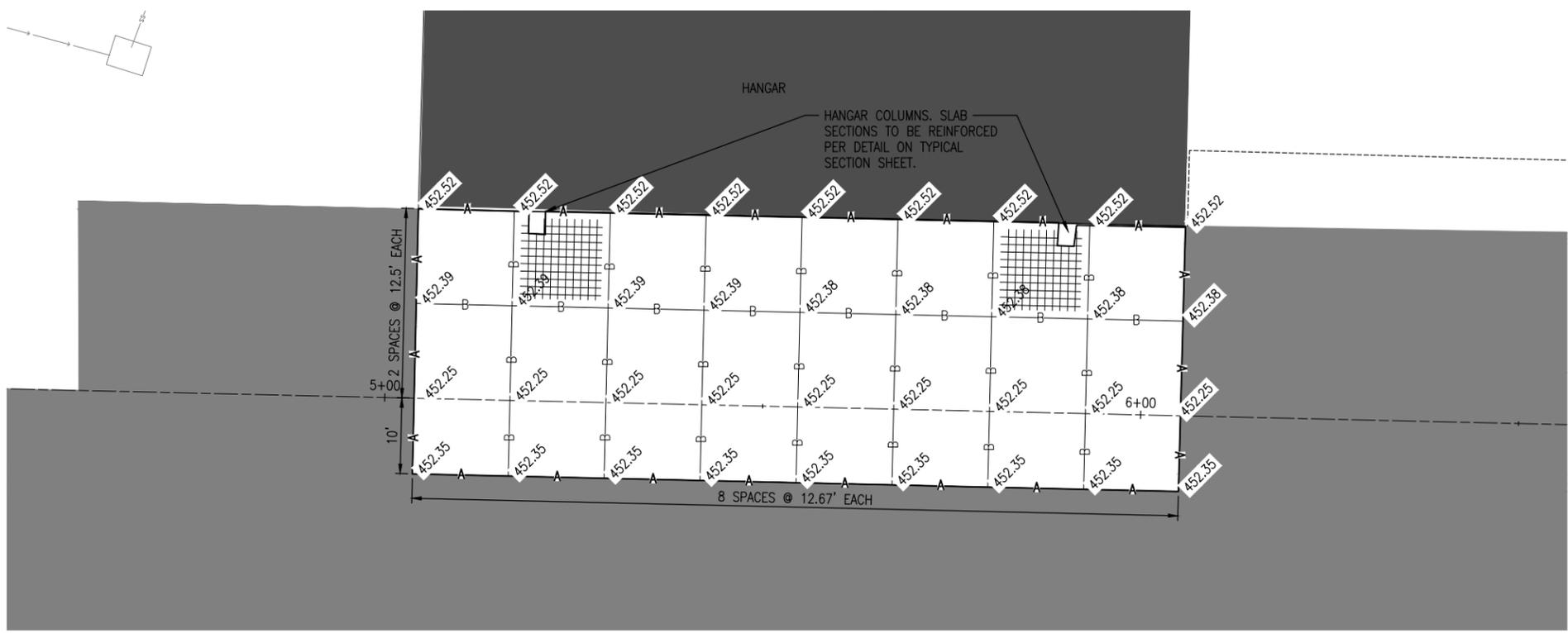
ISSUE: MARCH 3, 2017
PROJECT NO: 16A0011D
CAD FILE: C-122-CON.DWG
DESIGN BY: JRH 01/27/2017
DRAWN BY: JRH 01/27/2017
REVIEWED BY: KBS 03/03/2017

SHEET TITLE

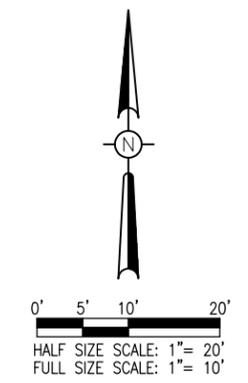
**CONSTRUCTION
PLAN - HANGAR
APPROACH**



CONSTRUCTION PLAN

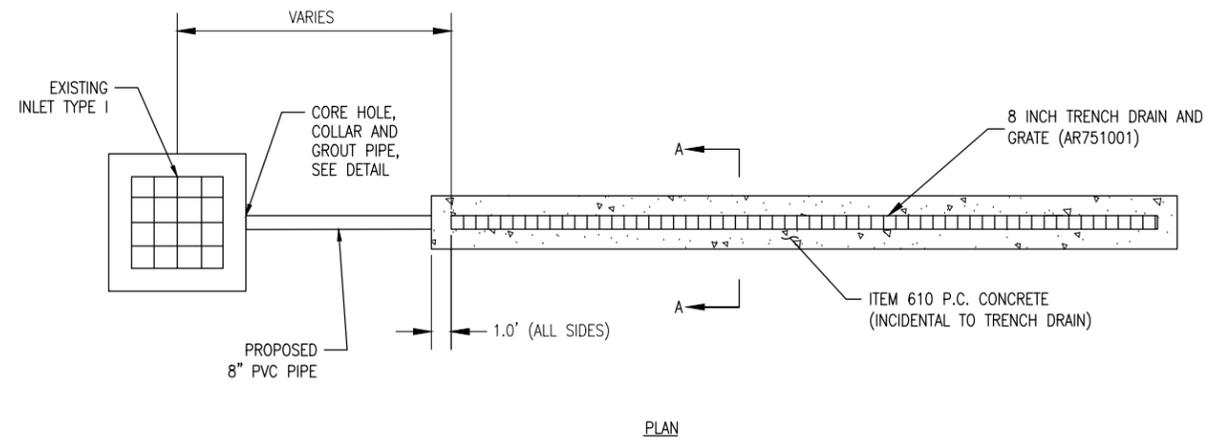


JOINTING PLAN



LEGEND

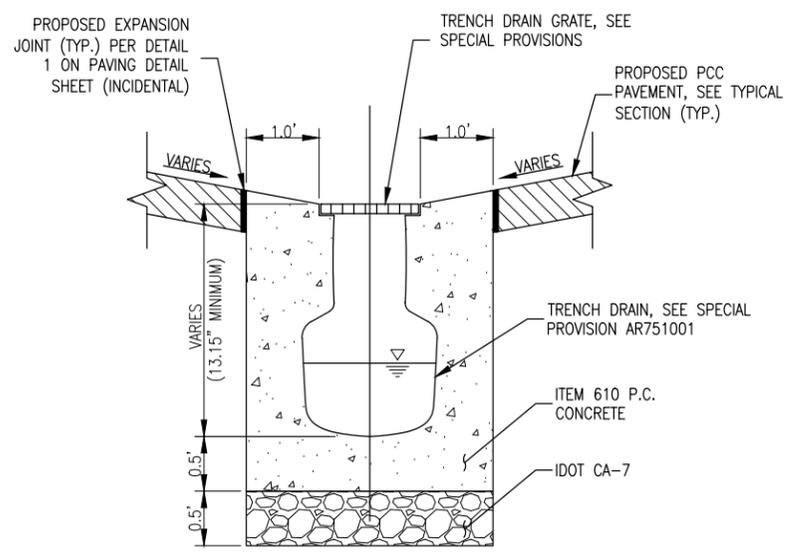
	EXISTING IMPROVEMENTS
	PROPOSED IMPROVEMENTS
	EXISTING BUILDINGS



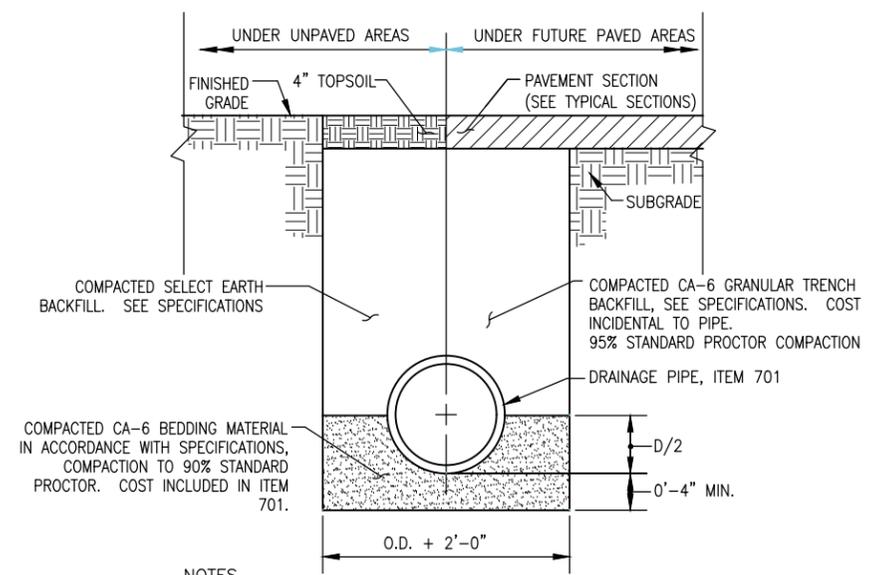
PLAN

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.



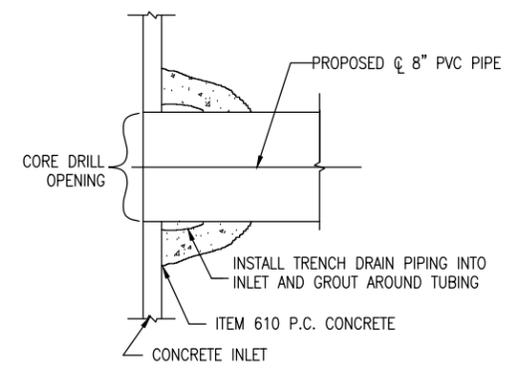
SECTION A-A
TRENCH DRAIN



NOTES

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



NOTES

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

RECONSTRUCTION OF SOUTHERN PORTION OF APRON

IDA No: RSV-4514
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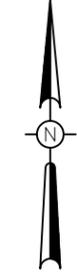
Contract No. RB021

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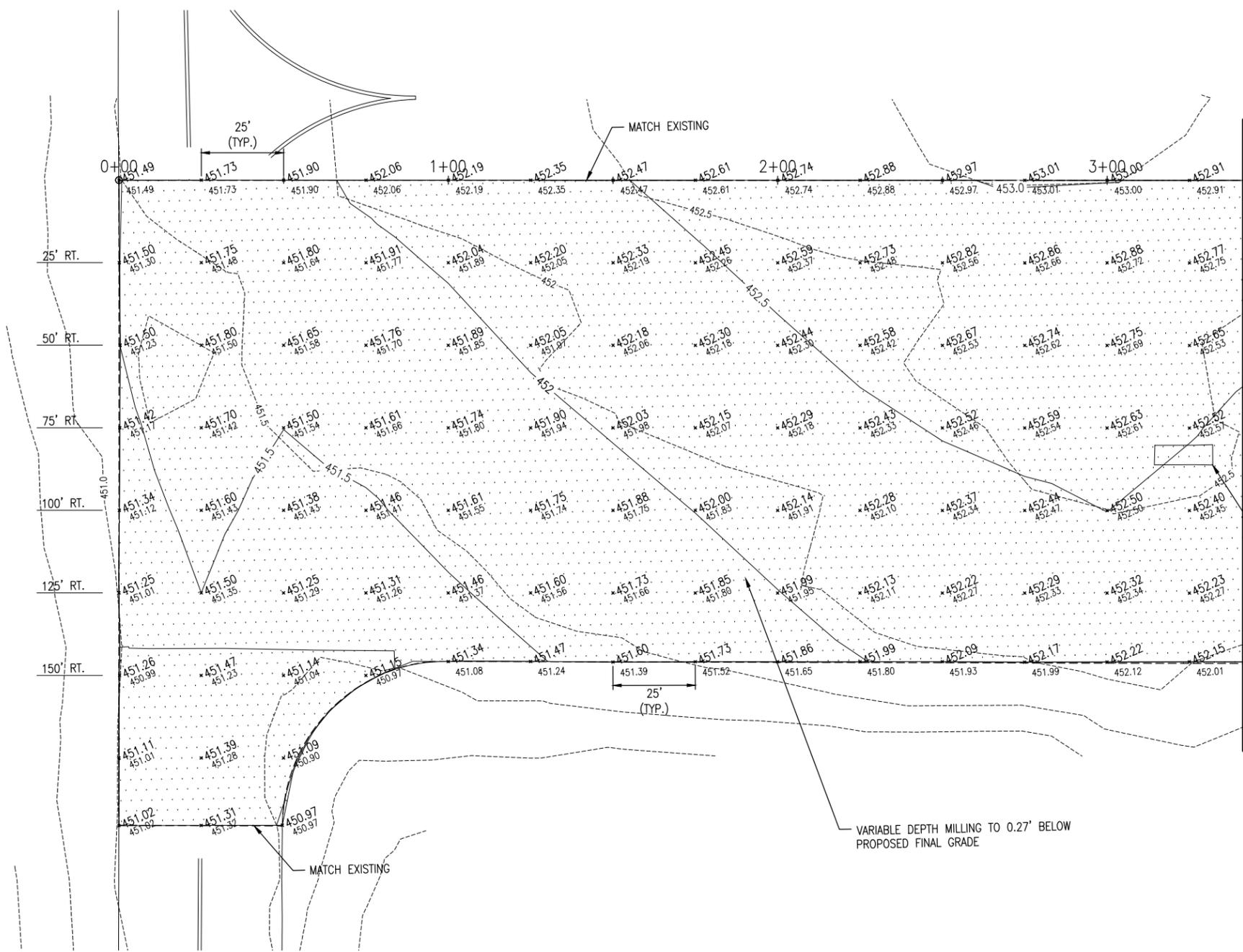
ISSUE: MARCH 3, 2017
PROJECT NO: 16A0011D
CAD FILE: G-531-DRN.DWG
DESIGN BY: JRH 02/01/2017
DRAWN BY: JRH 02/01/2017
REVIEWED BY: KBS 03/03/2017

SHEET TITLE

DRAINAGE DETAILS



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



LEGEND

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING BUILDINGS
- PROP. SPOT ELEVATION
- EXIST. SPOT ELEVATION
- PROP. SURFACE CONTOURS
- EXIST. SURFACE CONTOURS
- VARIABLE DEPTH MILLING

MATCHLINE - SEE NEXT SHEET

EXISTING 8'x20'
CONCRETE PAD TO BE
MILLED WITH
SURROUNDING ASPHALT

VARIABLE DEPTH MILLING TO 0.27'
BELOW PROPOSED FINAL GRADE

Crawford County Airport
10748 North 1650th St.
Palestine, Illinois 62451

**RECONSTRUCTION OF
SOUTHERN PORTION
OF APRON**

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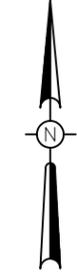
Contract No. RB021

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: MARCH 3, 2017
PROJECT NO: 16A0011D
CAD FILE: C-191-STK.DWG
DESIGN BY: JRH 01/27/2017
DRAWN BY: JRH 01/27/2017
REVIEWED BY: KBS 03/03/2017

SHEET TITLE

**STAKING PLAN -
SHEET 1**



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

LEGEND

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING BUILDINGS
- PROP. SPOT ELEVATION
- EXIST. SPOT ELEVATION
- PROP. SURFACE CONTOURS
- EXIST. SURFACE CONTOURS
- VARIABLE DEPTH MILLING

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

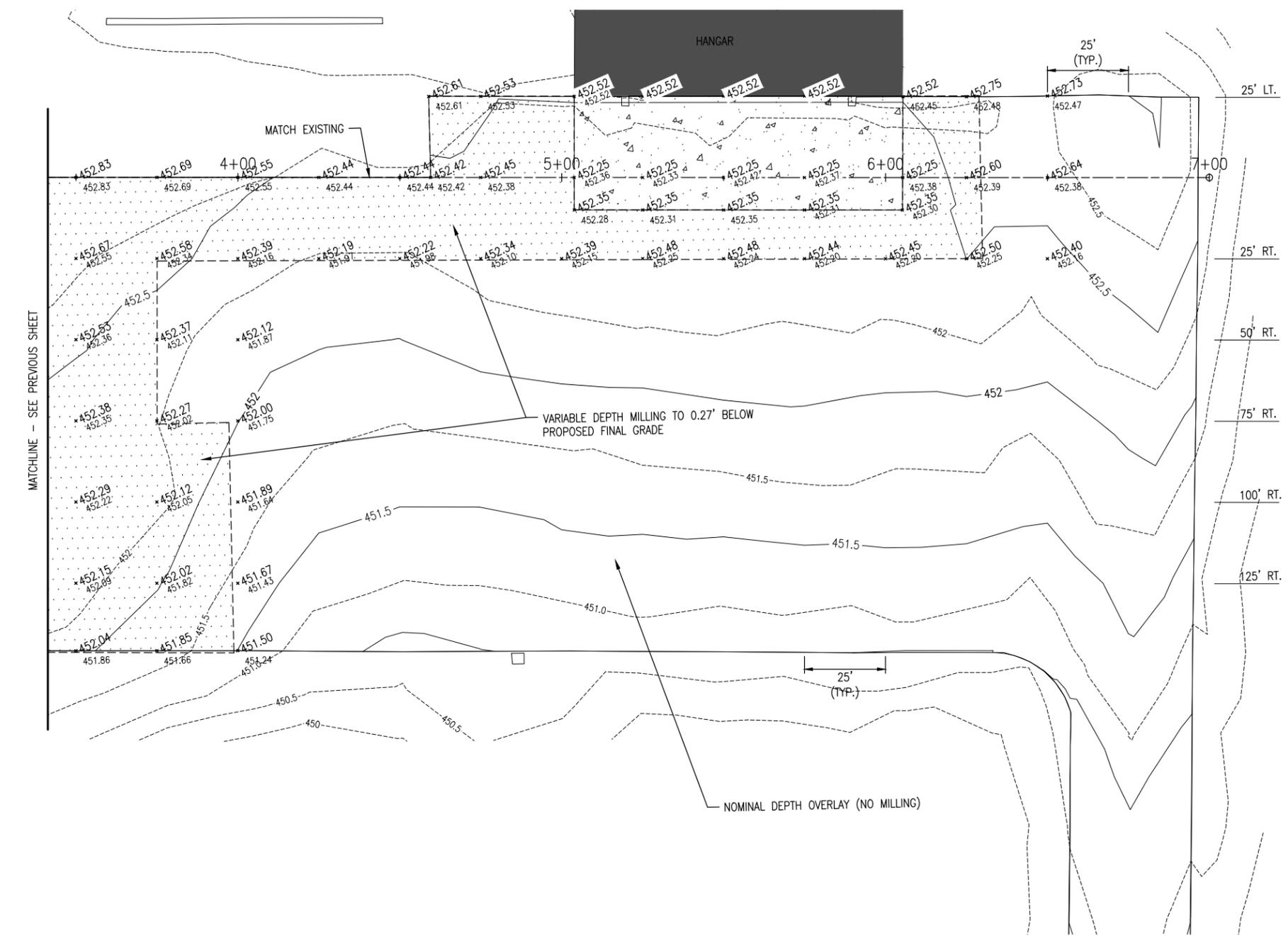
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NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: MARCH 3, 2017
PROJECT NO: 16A0011D
CAD FILE: C-191-STK.DWG
DESIGN BY: JRH 01/27/2017
DRAWN BY: JRH 01/27/2017
REVIEWED BY: KBS 03/03/2017

SHEET TITLE

STAKING PLAN - SHEET 2



**RECONSTRUCTION OF
SOUTHERN PORTION
OF APRON**

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AIP No: 3-17-SBGP-133

Contract No. RB021

NO.	DATE	DESCRIPTION		
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CAD FILE: C-151-MRK.DWG
DESIGN BY: JRH 01/27/2017
DRAWN BY: JRH 01/27/2017
REVIEWED BY: KBS 03/03/2017

**MARKING PLAN AND
DETAILS**

