

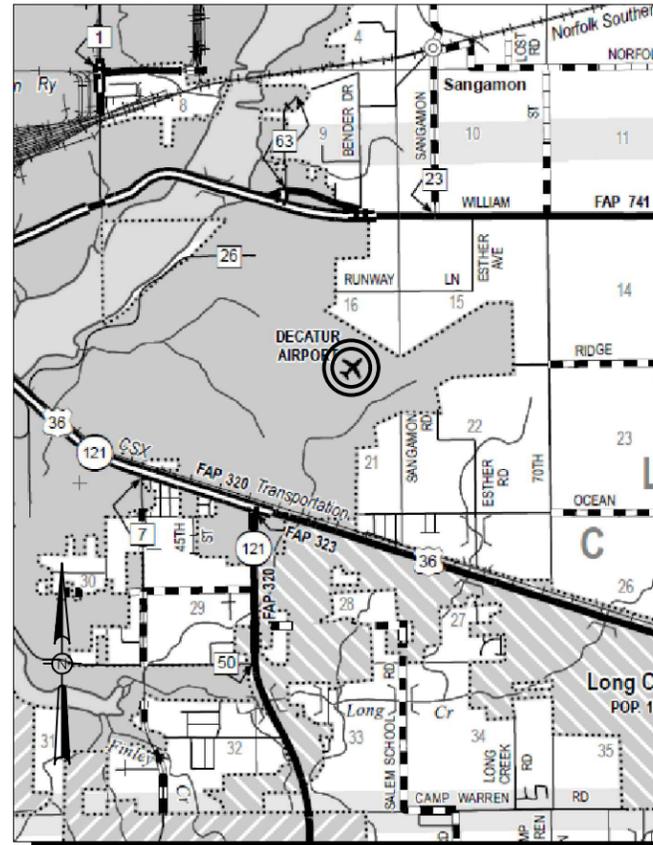
CONSTRUCTION PLANS

REHABILITATE THE PAVEMENT AROUND HANGAR G

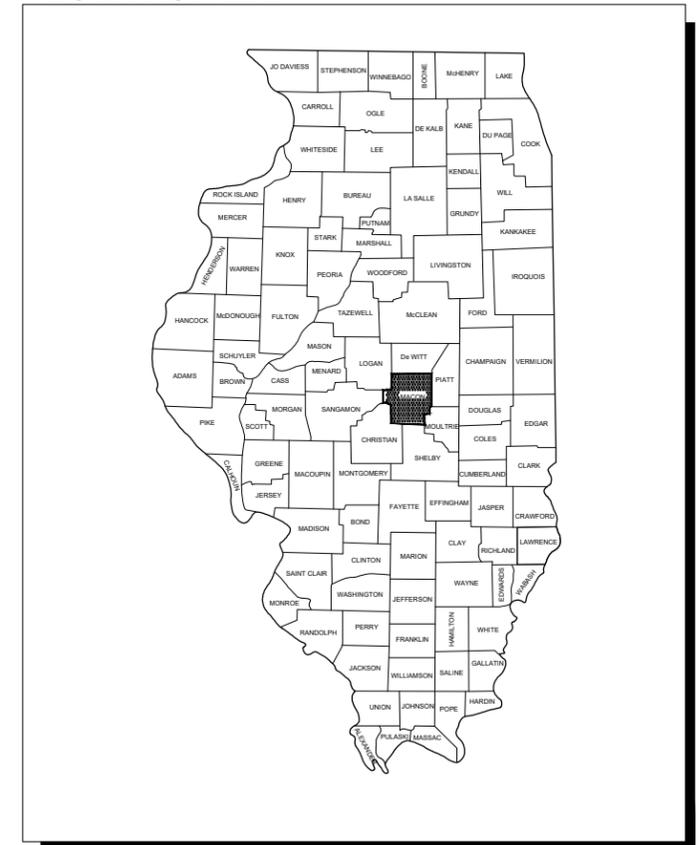
**DECATUR PARK DISTRICT
DECATUR AIRPORT (DEC)
DECATUR, MACON COUNTY, ILLINOIS**

**IDA PROJECT NO. DEC-4497
A.I.P. PROJECT NO. 3-17-SBGP-133**

VICINITY MAP



LOCATION MAP



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.

No.	Issue/Description	Sheets Changed	Date	By

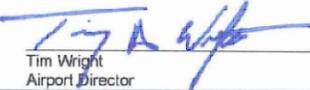
PREPARED BY:

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, P.E.
Project Engineer
Lic. Exp. 11/30/2017

MARCH 3, 2017
Date


DECATUR PARK DISTRICT
DECATUR AIRPORT
910 South Airport Road
Decatur, Illinois 62521
Telephone: 217.428.2423

Tim Wright
Airport Director
MARCH 3, 2017
Date



INDEX TO SHEETS	
SHEET NUMBER	SHEET TITLE
1	COVER SHEET
2	SHEET INDEX AND SUMMARY OF QUANTITIES
3	SITE PLAN AND GENERAL NOTES
4	CONSTRUCTION SAFETY PLAN AND DETAILS
5	STORMWATER POLLUTION PREVENTION PLAN
6	SWPPP DETAILS
7	TYPICAL SECTIONS
8	REMOVAL PLAN
9	CONSTRUCTION PLAN
10	JOINTING PLAN
11	JOINTING DETAILS
12	STAKING PLAN
13	APRON CROSS SECTIONS
14	ACCESS ROAD CROSS SECTIONS

SUMMARY OF QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	AS-BUILT QUANTITY
AR150510	ENGINEER'S FIELD OFFICE	L.S.	1	
AR150520	MOBILIZATION	L.S.	1	
AR152411	UNCLASSIFIED EXCAVATION	L.S.	1	
AR152480	SHOULDER ADJUSTMENT	S.Y.	235	
AR152511	SUBGRADE REPAIR	S.Y.	200	
AR152540	SOIL STABILIZATION FABRIC	S.Y.	3,843	
AR156510	SILT FENCE	L.F.	450	
AR209604	CRUSHED AGG. BASE COURSE - 4"	S.Y.	3,843	
AR401900	REMOVE BITUMINOUS PAVEMENT	S.Y.	3,737	
AR501501	TEST BATCH PCC CONCRETE	EA.	1	
AR501506	6" PCC PAVEMENT	S.Y.	3,795	
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	422	
AR620525	PAVEMENT MARKING-BLACK BORDER	S.F.	428	
AR904510	SODDING	S.Y.	235	

REHABILITATE THE PAVEMENT AROUND HANGAR G

IDA No: DEC-4497
AIP No: 3-17-SBGP-133

Contract No. DE078

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: MARCH 3, 2017
PROJECT NO: 16A0021
CAD FILE: G-002-FLP.DWG
DESIGN BY: KMS 01/19/2017
DRAWN BY: KMS 01/19/2017
REVIEWED BY: KBS 03/02/2017

SHEET TITLE

SHEET INDEX AND SUMMARY OF QUANTITIES



PROPOSED SAFETY PLAN

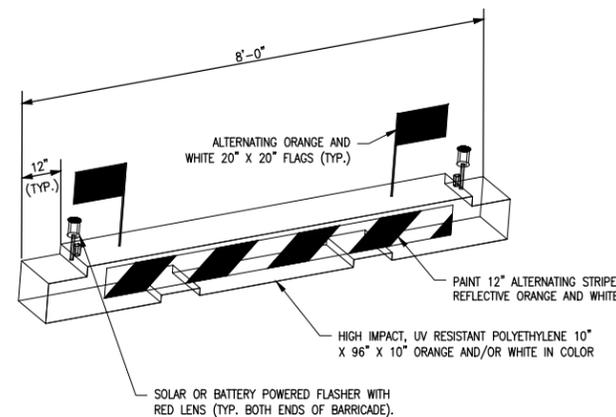
1. GENERAL – THE DECATUR AIRPORT IS TOWER CONTROLLED FROM 6 A.M. TO 10 P.M. AND IS COMPRISED OF THREE RUNWAYS AND THE ASSOCIATED TAXIWAY SYSTEM. THE PROPOSED CONSTRUCTION WILL NOT NECESSITATE CLOSING ANY RUNWAYS AND/OR TAXIWAYS. THE APRON IN FRONT OF HANGAR "G" AND A PORTION ON THE ACCESS ROAD ON THE WEST SIDE OF THE NORTH T-HANGARS WILL BE CLOSED FOR THE PROJECT DURATION.
2. THE CONTRACTOR SHALL HAVE THE SAFETY PLAN COMPLIANCE DOCUMENT (SPCD), AS DETAILED IN THE SPECIAL PROVISIONS, SUBMITTED AND APPROVED PRIOR TO BEING ISSUED "NOTICE TO PROCEED".
3. CONTRACTOR WILL NOTIFY THE AIRPORT A MINIMUM OF 30 DAYS BEFORE THE DESIRED STARTING DATE TO ALLOW FOR TEMPORARY RELOCATION OF AIRCRAFT INSIDE HANGAR "G".
4. BARRICADES SHALL BE PLACED IN PLACE BEFORE ANY WORK BEGINS AND FOR THE DURATION OF THE PROJECT.
5. AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. ONLY CONTRACTOR EMPLOYEES SHALL BE ALLOWED WITHIN THE PROJECT LIMITS. GATES SHALL BE CLOSED AT ALL TIMES UNLESS THE CONTRACTOR IS IN A CONTINUOUS HAULING OPERATIONS, DURING WHICH TIME HE WILL PROVIDE A PERSON TO MONITOR THE GATE AREA.
6. CONTRACTOR SHALL USE THE DESIGNATED PRIMARY HAUL ROUTE FROM THE SOUTH, UNLESS DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN TO USE THE SECONDARY ROUTE FROM THE NORTH.
7. ALL SAFETY RELATED WORK OR MAINTENANCE IS INCIDENTAL TO THE CONTRACT.
8. NO EQUIPMENT TALLER THAN 25' WILL BE ALLOWED ONSITE WITHOUT PRIOR REQUEST AND AIRSPACE APPROVAL BY FAA.

SAFETY NOTES

1. ALL CONSTRUCTION/OPERATIONS ARE TO BE PERFORMED IN ACCORDANCE WITH FAA ADVISORY CIRCULAR (AC) 150/5370-2F "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION".
2. ALL CONSTRUCTION EQUIPMENT ON THE AIRPORT SHALL BE MARKED, LIGHTED AND/OR FLAGGED IN ACCORDANCE WITH AC 150/5210-5 AND 70/7460-1.
3. THE CONTRACTOR'S EMPLOYEES WILL PARK THEIR VEHICLES IN THE DESIGNATED EQUIPMENT PARKING AND STORAGE AREA AS SHOWN ON THIS SHEET. ONLY CONTRACTOR VEHICLES WILL BE ALLOWED OUTSIDE THIS AREA.
4. THE CONTRACTOR AND HIS EMPLOYEES WILL BE RESTRICTED TO THE WORK AREA AND ALL OTHER AREAS OF THE AIRPORT ARE "OFF LIMITS" TO THEM.
5. ALL WORK PERFORMED SHALL BE DONE IN A ORDERLY AND EFFECTIVE MANNER TO MINIMIZE DISRUPTION TO AIRPORT OPERATIONS.
6. THE CONTRACTOR IS TO BE RESPONSIBLE FOR THE PROTECTION OF DRIVEWAY AND ROAD PAVEMENT AND SHOULDERS; RUNWAY, TAXIWAY AND APRON PAVEMENTS AND SHOULDERS; RUNWAY, TAXIWAY AND AIRPORT LIGHTING EQUIPMENT; AND SEEDED AND TURFED AREAS THAT ARE UTILIZED IN OR AFFECTED BY THE CONTRACTOR'S ACTIVITIES. ITEMS DAMAGED BY THE CONTRACTOR ARE TO BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF AIRPORT MANAGER AND THE OWNER'S REPRESENTATIVE.
7. WHEN CONDITIONS DICTATE OR AS DETERMINED BY THE AIRPORT MANAGER OR THE OWNER'S REPRESENTATIVE THE CONTRACTOR SHALL BE REQUIRED TO USE A PICK-UP TYPE SWEEPER IN ALL ACTIVE CONSTRUCTION PAVEMENT AREAS. THE CONTRACTOR WILL BE REQUIRED TO HAVE A SWEEPER AVAILABLE FOR USE AT ALL TIMES. THE COST OF SWEEPING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
8. IDENTIFICATION- WHEN THE CONTRACTORS VEHICLES AND EQUIPMENT ARE ON THE AIRPORT THEY SHALL BE PROPERLY MARKED WITH THREE (3') FOOT SQUARE CHECKERED FLAGS (INTERNATIONAL ORANGE AND WHITE). THE CONTRACTOR WILL ALSO PROVIDE WORKERS WITH SOME TYPE OF TAG OR GARMENT TO IDENTIFY THE PERSON AS BEING PART OF THE CONSTRUCTION CREW.
9. RADIO CONTROL- THE CONTRACTOR WILL BE REQUIRED TO BE IN TWO-WAY RADIO CONTACT WITH THE AIRPORT CONTROL TOWER – GROUND FREQUENCY (121.75 MHz). THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE DECATUR AIRPORT CONTROL TOWER IN CASE OF AN AERONAUTICAL EMERGENCY THAT WOULD REQUIRE ACTION BY THE CONTRACTOR AND/OR HIS PERSONNEL.

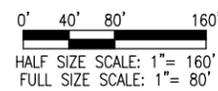
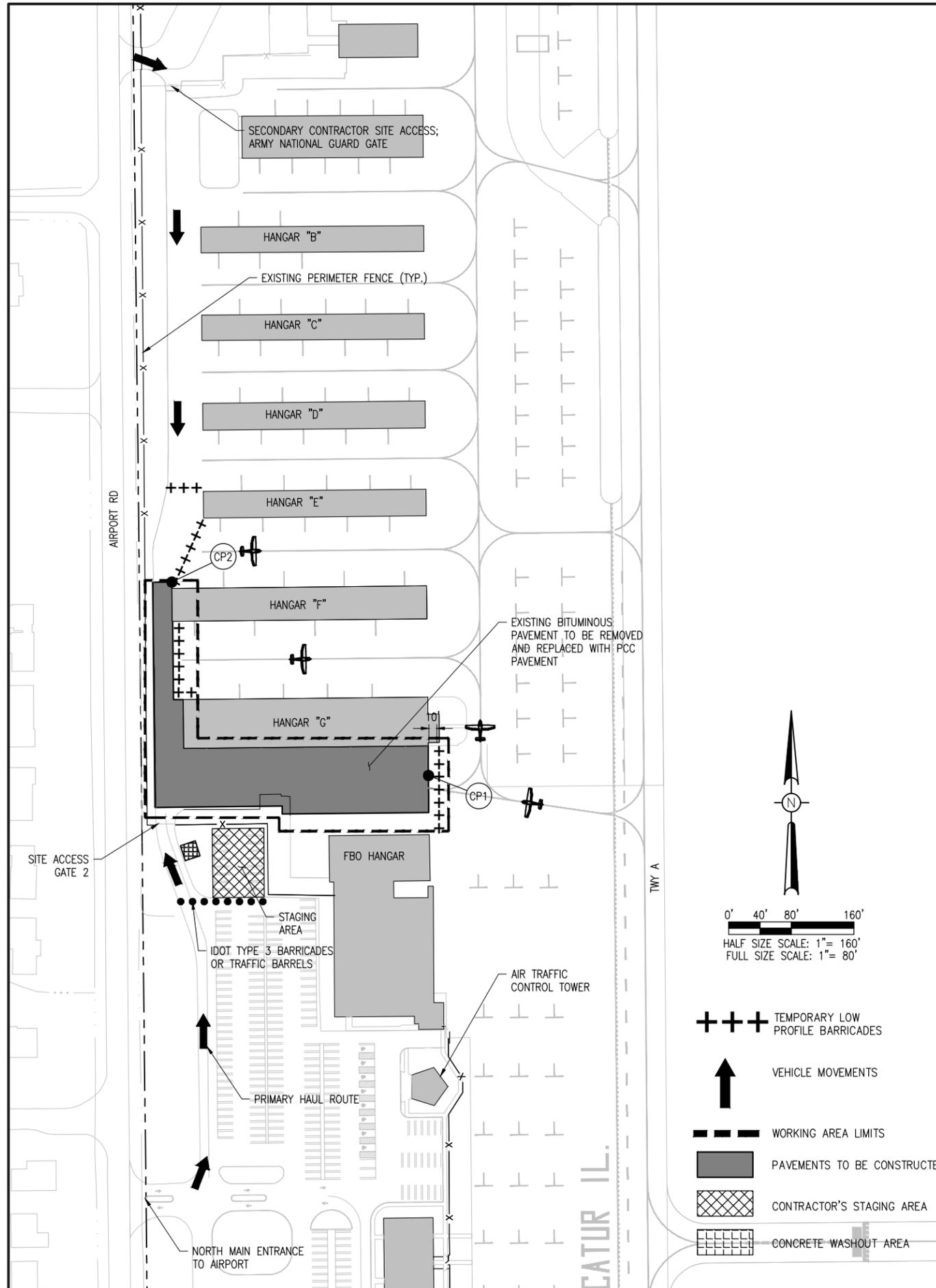
NOTES:

1. INTENDED USE FOR THE FOLLOWING:
 - MARKING/LIGHTING OF TEMPORARY HAZARDS WITHIN THE AOA.
 - LONGTERM CLOSURE OF AIRCRAFT ROUTES.
2. INSTALL AT 12' CENTER TO CENTER SPACING ALONG FULL WIDTH OF PAVEMENT.
3. USE IN AREAS SUBJECT TO JET BLAST.
4. BARRICADE SHALL BE EQUIPPED WITH ALTERNATING ORANGE AND WHITE 20" X 20" FLAGS.
5. BARRICADES SHALL BE WATER-FILLED AND MODULAR TO ASSEMBLE/DISASSEMBLE AND NEST FOR COMPACT STORAGE.
6. CONTRACTOR MAY SUBMIT ALTERNATIVE BARRICADE FOR APPROVAL BY ENGINEER. ALTERNATIVE MUST MEET MINIMUM REQUIREMENTS OF FAA AC 150/5370-2F (LATEST EDITION).
7. FURNISHING, INSTALLING, MAINTAINING AND REMOVING BARRICADES SHALL BE INCIDENTAL TO THE CONTRACT.
8. CONTRACTOR SHALL MAINTAIN THE BARRICADES. ANY DAMAGED BARRICADES SHALL BE REPLACED AND NEW BARRICADES PROVIDED.



LOW PROFILE AIRCRAFT BARRICADE DETAIL

CRITICAL POINTS				
NAME	LATITUDE	LONGITUDE	HEIGHT (AGL)	GROUND ELEV.
CP1 - CONST. EQUIP.	N 088-52-41.8112	W 39-50-11.2775	25'-0"	676.0
CP2 - CONST. EQUIP.	N 088-52-37.5886	W 39-50-08.8601	25'-0"	674.2



- +++ TEMPORARY LOW PROFILE BARRICADES
- ↑ VEHICLE MOVEMENTS
- WORKING AREA LIMITS
- PAVEMENTS TO BE CONSTRUCTED
- ▨ CONTRACTOR'S STAGING AREA
- ▤ CONCRETE WASHOUT AREA

I:\16\OBS\16A0021\16A0021\CAD\AIRPORT\ISHEET\G-004-SFY.DWG
MAR 02, 2017 4:28 PM SCHWEG1296

REHABILITATE THE PAVEMENT AROUND HANGAR G

IDA No: DEC-4497
AIP No: 3-17-SBGP-133

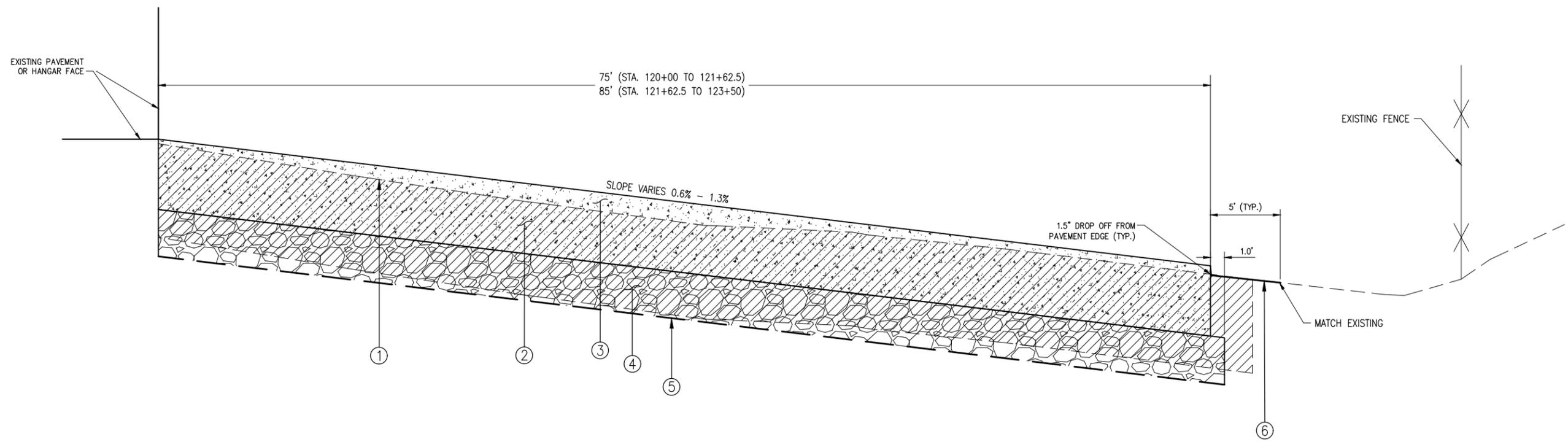
Contract No. DE078

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

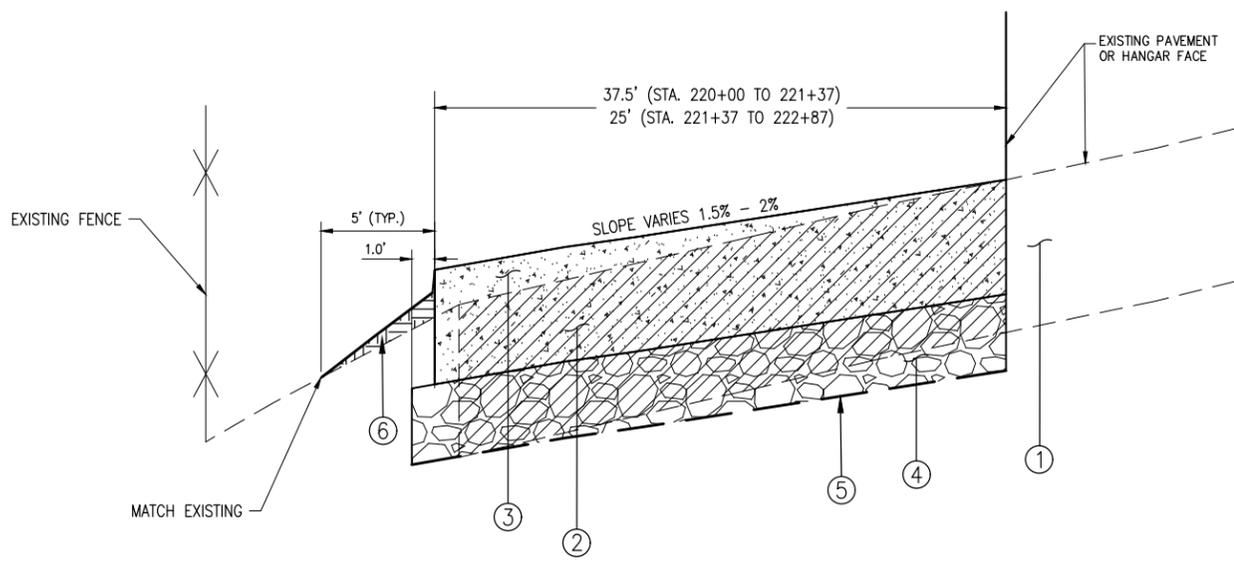
ISSUE: MARCH 3, 2017
PROJECT NO: 16A0021
CAD FILE: G-004-SFY.DWG
DESIGN BY: KMS 01/13/2017
DRAWN BY: KMS 01/13/2017
REVIEWED BY: KBS 03/02/2017

SHEET TITLE

CONSTRUCTION SAFETY PLAN AND DETAILS



APRON PAVEMENT (E/W) - TYPICAL SECTION "A-A"
NOT TO SCALE
STA. 120+00 TO STA. 123+50

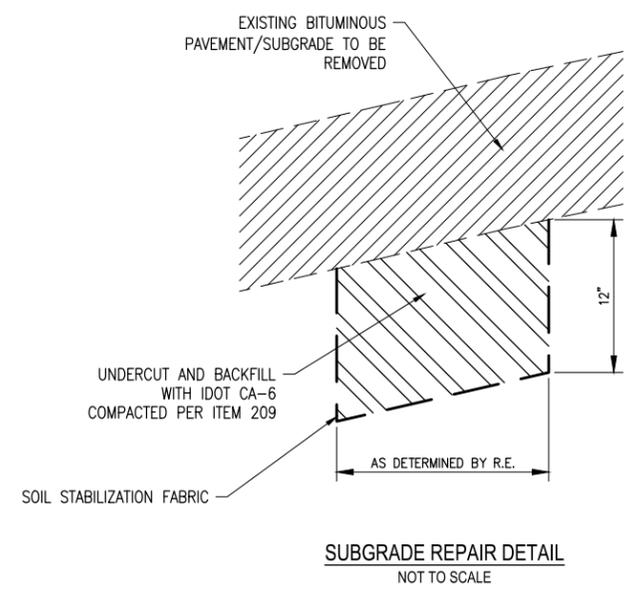


ACCESS ROAD PAVEMENT (N/S) - TYPICAL SECTION "B-B"
NOT TO SCALE
STA. 120+00 TO STA. 122+87

LEGEND FOR TYPICAL SECTIONS	
①	EXISTING BITUMINOUS PAVEMENT (APPROX. 8") ON SUBGRADE
②	PROPOSED AR401900 REMOVE BITUMINOUS PAVEMENT
③	PROPOSED AR501506 6" PCC PAVEMENT
④	PROPOSED AR209604 CRUSHED AGGREGATE BASE COURSE - 4"
⑤	PROPOSED AR152540 SOIL STABILIZATION FABRIC
⑥	PROPOSED AR152480 SHOULDER ADJUSTMENT PROPOSED AR904510 SODDING

NOTES:

- EXISTING PAVEMENT THICKNESS MAY VARY AND AGGREGATE SUBBASE MAY BE PRESENT IN SOME AREAS. REFER TO REMOVAL PLAN FOR ADDITIONAL INFO.
- FOR ADDITIONAL LANDSCAPING INFORMATION, SEE PROPOSED SITE PLAN.
- ITEM AR209604 CRUSHED AGGREGATE BASE COURSE EXTENDS 1' OUTSIDE ALL PAVEMENT EDGES ADJACENT TO TURF.
- REFER TO JOINTING DETAILS SHEET FOR ADDITIONAL INFO ON CONCRETE PAVEMENT TIE-IN TO EXISTING PAVEMENT.



SUBGRADE REPAIR DETAIL
NOT TO SCALE

REHABILITATE THE PAVEMENT AROUND HANGAR G

IDA No: DEC-4497
AIP No: 3-17-SBGP-133

Contract No. DE078

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

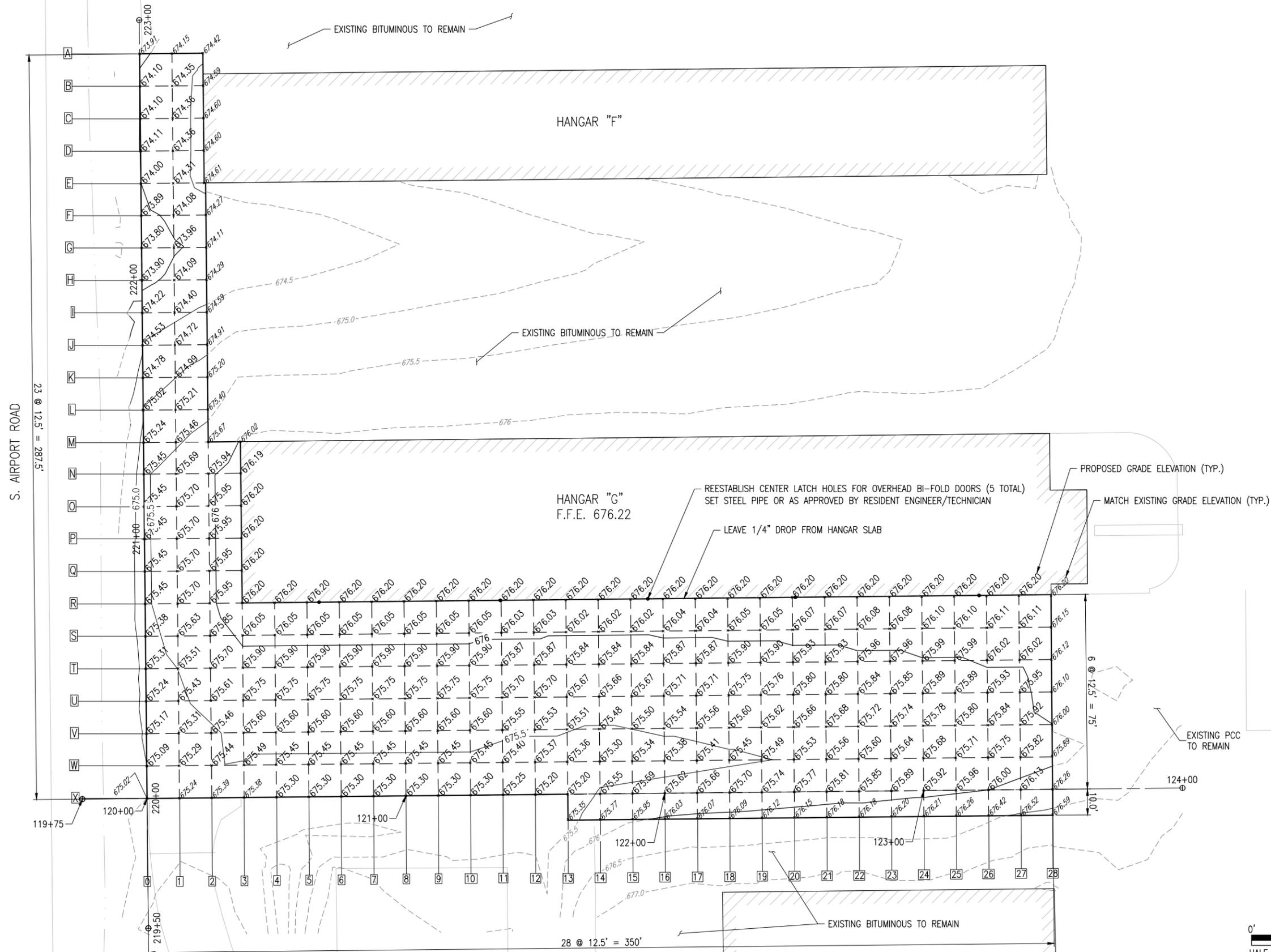
ISSUE: MARCH 3, 2017
PROJECT NO: 16A0021
CAD FILE: C-121-TYP.DWG
DESIGN BY: KMS 01/18/2017
DRAWN BY: KMS 01/18/2017
REVIEWED BY: KMS 03/02/2017

SHEET TITLE

TYPICAL SECTIONS



Decatur Park District
Decatur Airport
910 South Airport Road
Decatur, IL 62521



REHABILITATE THE PAVEMENT AROUND HANGAR G

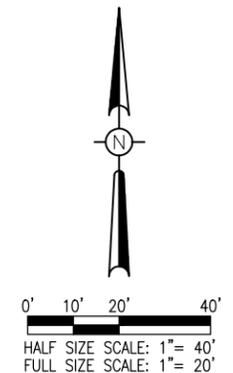
IDA No: DEC-4497
AIP No: 3-17-SBGP-133

Contract No. DE078

NO.	DATE	DESCRIPTION		
		DES	DWN	REV
ISSUE: MARCH 3, 2017				
PROJECT NO: 16A0021				
CAD FILE: C-191-STK.DWG				
DESIGN BY: KMS 01/10/2017				
DRAWN BY: JAB 01/10/2017				
REVIEWED BY: KBS 03/02/2017				

SHEET TITLE

STAKING PLAN

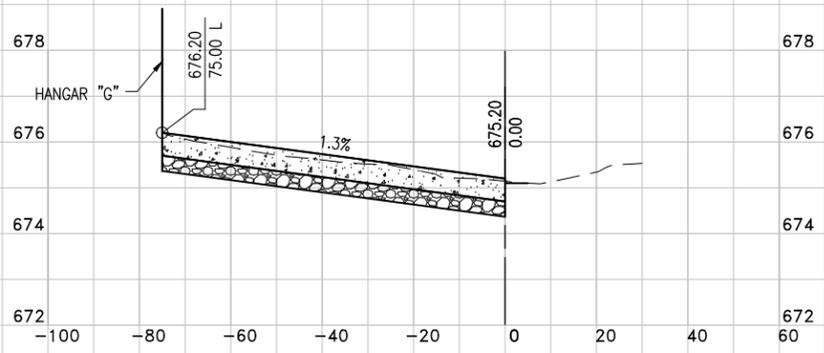


I:\16\OBSS\16A0021\16A0021\CAD\AIRPORT\STK\191-STK.DWG
MAR 02, 2017 4:36 PM SCHWEITZB

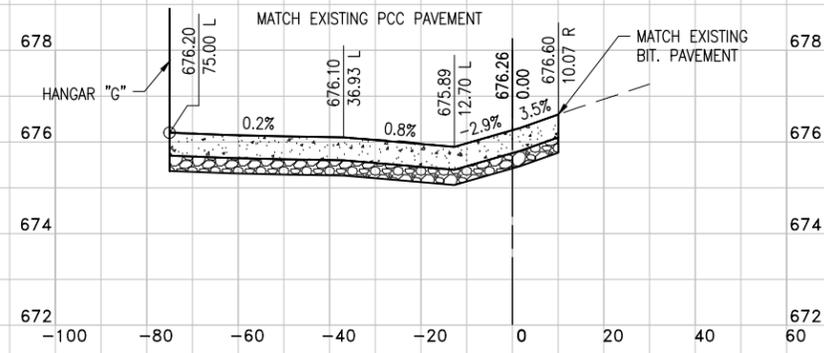


Decatur Park District
Decatur Airport
910 South Airport Road
Decatur, IL 62521

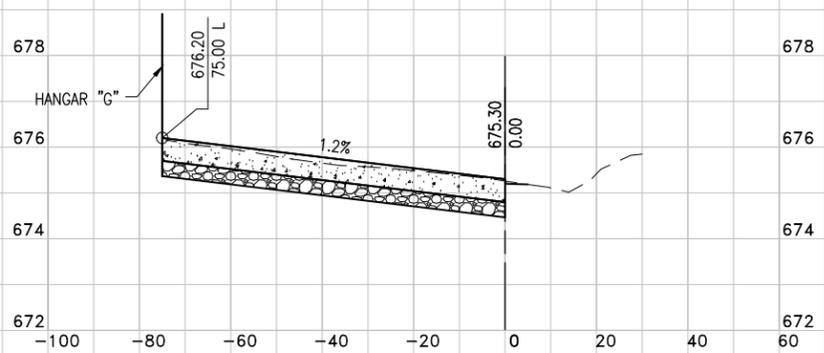
STA 121+50



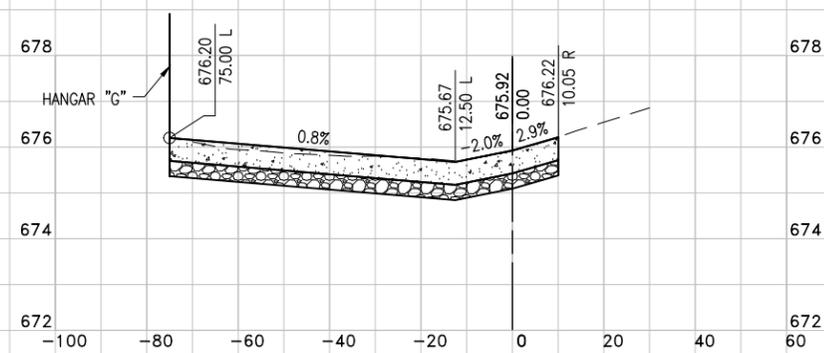
STA 123+50



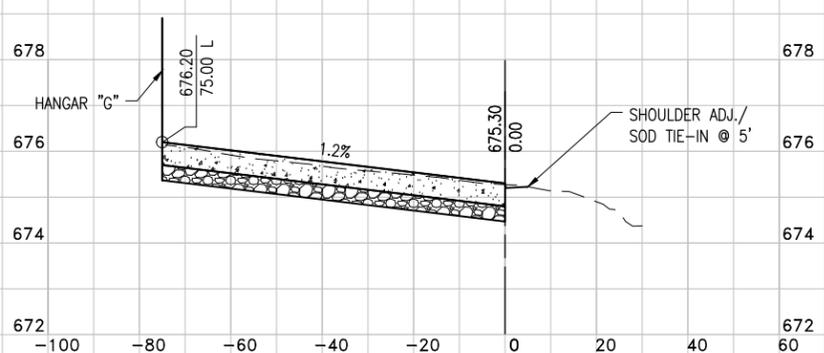
STA 121+00



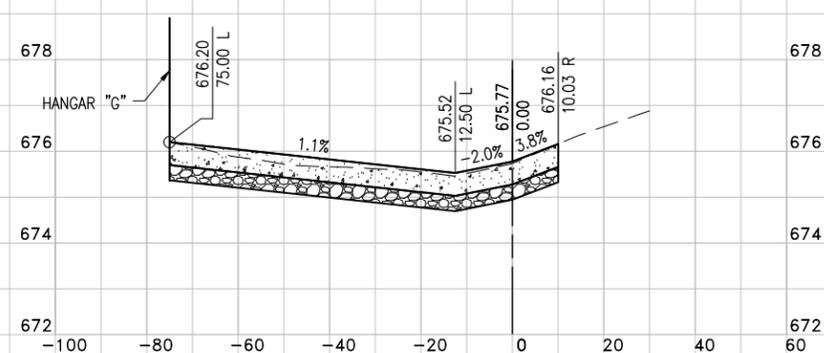
STA 123+00



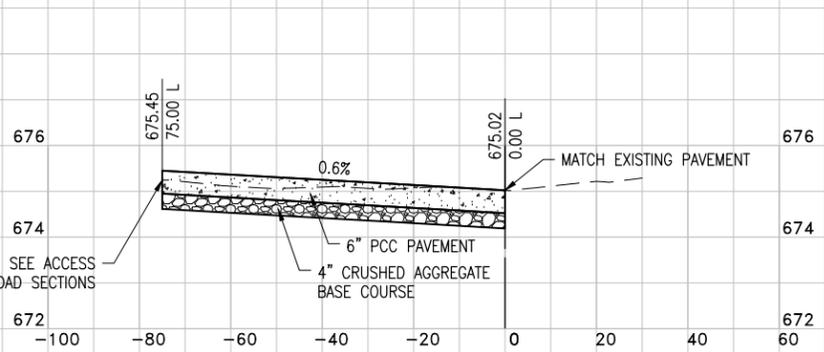
STA 120+50



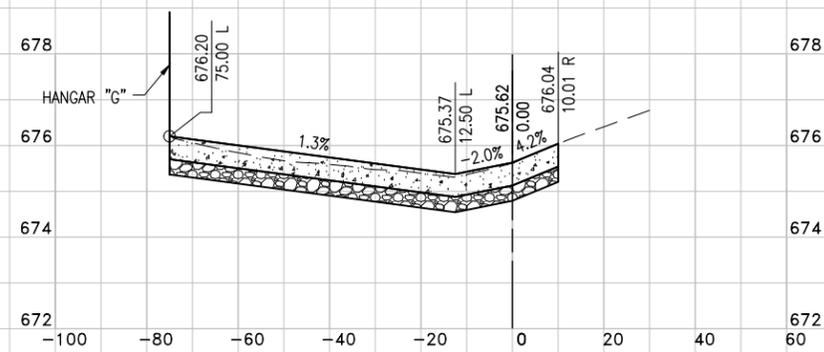
STA 122+50



STA 120+00



STA 122+00



REHABILITATE THE PAVEMENT AROUND HANGAR G

IDA No: DEC-4497
AIP No: 3-17-SBGP-133

Contract No. DE078

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: MARCH 3, 2017
PROJECT NO: 16A0021
CAD FILE: C-301-XS.DWG
DESIGN BY: KMS 01/20/2017
DRAWN BY: KMS 01/20/2017
REVIEWED BY: KBS 03/02/2017

SHEET TITLE

APRON CROSS SECTIONS

