





Engineering | Planning | Allied Services

Hanson Professional Services Inc.  
1525 S. 6th Street  
Springfield, IL 62703  
phone: 217-788-2450  
fax: 217-788-2503

Offices Nationwide  
www.hanson-inc.com

Illinois Licensed  
Professional Service Corporation  
#184-001084

**Salem-Leckrone Airport**

Salem Airport Authority  
1100 Airport Rd.  
Salem, IL 62881

SUMMARY OF QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	AS-BUILT QUANTITY
AR150510	ENGINEER'S FIELD OFFICE	L SUM	1	
AR150520	MOBILIZATION	L SUM	1	
AR150540	HAUL ROUTE	L SUM	1	
AR152480	SHOULDER ADJUSTMENT	SQ YD	1,630	
AR156500	TEMPORARY EROSION CONTROL	L SUM	1	
AR156531	EROSION CONTROL BLANKET	SQ YD	337	
AR401613	BIT. SURF. CSE.-METHOD I, SUPERPAVE	TON	1,200	
AR401650	BITUMINOUS PAVEMENT MILLING	SQ YD	10,018	
AR603510	BITUMINOUS TACK COAT	GALLON	1,503	
AR620520	PAVEMENT MARKING-WATERBORNE	SQ FT	2,174	
AR620525	PAVEMENT MARKING-BLACK BORDER	SQ FT	1,152	
AR620590	TEMPORARY MARKING	SQ FT	693	
AR705548	8" NON PERFORATED UNDERDRAIN	FOOT	68	
AR751940	ADJUST INLET	EACH	3	
AR800463	REM. & REPL. CONC. PAD & SIDEWALK	L SUM	1	
AR901510	SEEDING	ACRE	0.34	
AR908514	LIGHT-DUTY HYDRAULIC MULCH	ACRE	0.27	

INDEX TO SHEETS	
SHEET NUMBER	SHEET TITLE
1	COVER SHEET
2	SUMMARY OF QUANTITIES AND INDEX TO SHEETS
3	SCOPE OF WORK
4	HORIZONTAL AND VERTICAL CONTROL PLAN
5	PROPOSED SAFETY AND PHASING PLAN - PHASE 1
6	PROPOSED SAFETY AND PHASING PLAN - PHASE 2
7	CONSTRUCTION SAFETY DETAILS AND NOTES
8	TYPICAL SECTIONS
9	EXISTING SITE AND DEMOLITION PLAN - TAXIWAY
10	EXISTING SITE AND DEMOLITION PLAN - APRON
11	PROPOSED TAXIWAY MILLING PLAN STA. 9+50 TO STA. 14+50
12	PROPOSED TAXIWAY MILLING PLAN STA. 14+50 TO STA. 19+25.83
13	PROPOSED APRON MILLING PLAN
14	PROPOSED CONSTRUCTION PLAN - TAXIWAY
15	PROPOSED CONSTRUCTION PLAN - APRON
16	TAXIWAY PLAN & PROFILE STA. 9+50 TO STA. 14+50
17	TAXIWAY PLAN & PROFILE STA. 14+50 TO STA. 19+25.83
18	APRON PLAN & PROFILE
19	PROPOSED STAKING PLAN - TAXIWAY STA. 9+50 TO STA. 14+50
20	PROPOSED STAKING PLAN - TAXIWAY STA. 14+50 TO STA. 19+26
21	PROPOSED STAKING PLAN - APRON
22	STORMWATER POLLUTION PREVENTION PLAN
23	STORMWATER POLLUTION PREVENTION DETAILS
24	PROPOSED MARKING PLAN - TAXIWAY
25	PROPOSED MARKING PLAN - APRON



DATE: 11/19/2021 LICENSE: 062-057281  
SIGNED: 11/19/2021 EXPIRES: 2/28/2022

REHABILITATE A  
PORTION OF MAIN  
BITUMINOUS AIRCRAFT  
PARKING RAMP AND  
BITUMINOUS TAXIWAY

SBG No:  
3-17-SBGP-162/171  
IDA No: SLO-4893

Contract No. SA035

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 19, 2021

PROJECT NO: 21A0070

CAD FILE: G-002-FLP.DWG

DESIGN BY: DAW 10/12/2021

DRAWN BY: MGL 10/12/2021

REVIEWED BY: BSS 10/12/2021

SHEET TITLE

SUMMARY OF  
QUANTITIES AND  
INDEX TO SHEETS

**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.

**CERTIFIED 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 CERTIFICATIONS**

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/TECHNICIAN 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.

**FILES**

FOLLOWING THE PROJECT AWARD, THE ENGINEER CAN PROVIDE THE RELEVANT AUTOCAD AND CIVIL 3D SURFACE MODEL FILES TO THE AWARDED CONTRACTOR UPON REQUEST TO ASSIST WITH CONSTRUCTION LAYOUT.

NOV 18, 2021 2:08 PM HERN001562  
I:\21\JOBS\21A0070\CAD\AIRPORT\SHEET\G-002-FLP

**FOR BID**

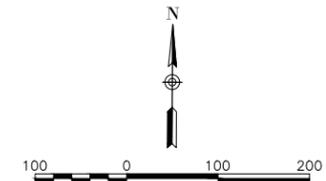
**GENERAL NOTES**

1. 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.
2. THIS WORK FOR THIS PROJECT SHALL CONSIST OF REHABILITATING THE BITUMINOUS PORTION OF THE MAIN AIRCRAFT APRON AND THE NORTH TAXIWAY BETWEEN THE APRON AND THE RUNWAY. OTHER WORK ITEMS INCLUDE DRAINAGE STRUCTURE ADJUSTMENTS AS NEEDED.
3. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, EQUIPMENT, AND TRANSPORTATION NECESSARY TO CONSTRUCT ALL ELEMENTS 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. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT, PRESERVE AND REPAIR THE EXISTING AIRFIELD 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.
6. NO EQUIPMENT SHALL BE PERMITTED TO CROSS OR USE ANY EXISTING PAVEMENT OUTSIDE THE CONSTRUCTION LIMITS, GENERAL PROJECT AREA OR HAUL ROUTE.
7. CONTRACTOR IS REQUIRED TO PROVIDE THEIR OWN RESTROOM FACILITIES.
8. UNLESS OTHERWISE NOTED, ALL DISTURBED AREAS OUTSIDE OF THE PROPOSED CONSTRUCTION LIMITS SHALL BE GRADED, SEEDED AND/OR HYDROMULCH SEEDED IN ACCORDANCE WITH ITEM 901 AND 908 AT NO ADDITIONAL COST TO THE CONTRACT.
9. ALL WASTE MATERIAL SHALL BE HAULED FROM THE AIRPORT AND PROPERLY DISPOSED OF UNLESS OTHERWISE SPECIFIED HEREIN.
10. 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.
11. THE OWNER SHALL HAVE THE RIGHT OF FIRST REFUSAL FOR ALL SALVAGEABLE MATERIAL REMOVED ON THE PROJECT.
12. THE CONTRACTOR SHALL COORDINATE WITH THE RESIDENT ENGINEER / TECHNICIAN SO THEY MAY DEVELOP ONE SET OF REDLINED AS-BUILT RECORD DRAWINGS AT THE COMPLETION OF THE PROJECT.
13. 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 PRIOR TO BEGINNING ANY WORK.
14. 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 MULCHED SEEDED IN ACCORDANCE WITH ITEMS 901 AND 908, UNLESS OTHERWISE NOTED. STAGING AREA AND SITE ACCESS RESTORATION SHALL BE INCLUDED IN THE COST OF MOBILIZATION.
15. 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.
16. 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.
17. THE CONTRACTOR MUST AT ALL TIMES MAINTAIN PROPER DRAINAGE FOR ALL AREAS AFFECTED BY HIS WORK.

**UTILITY NOTE**

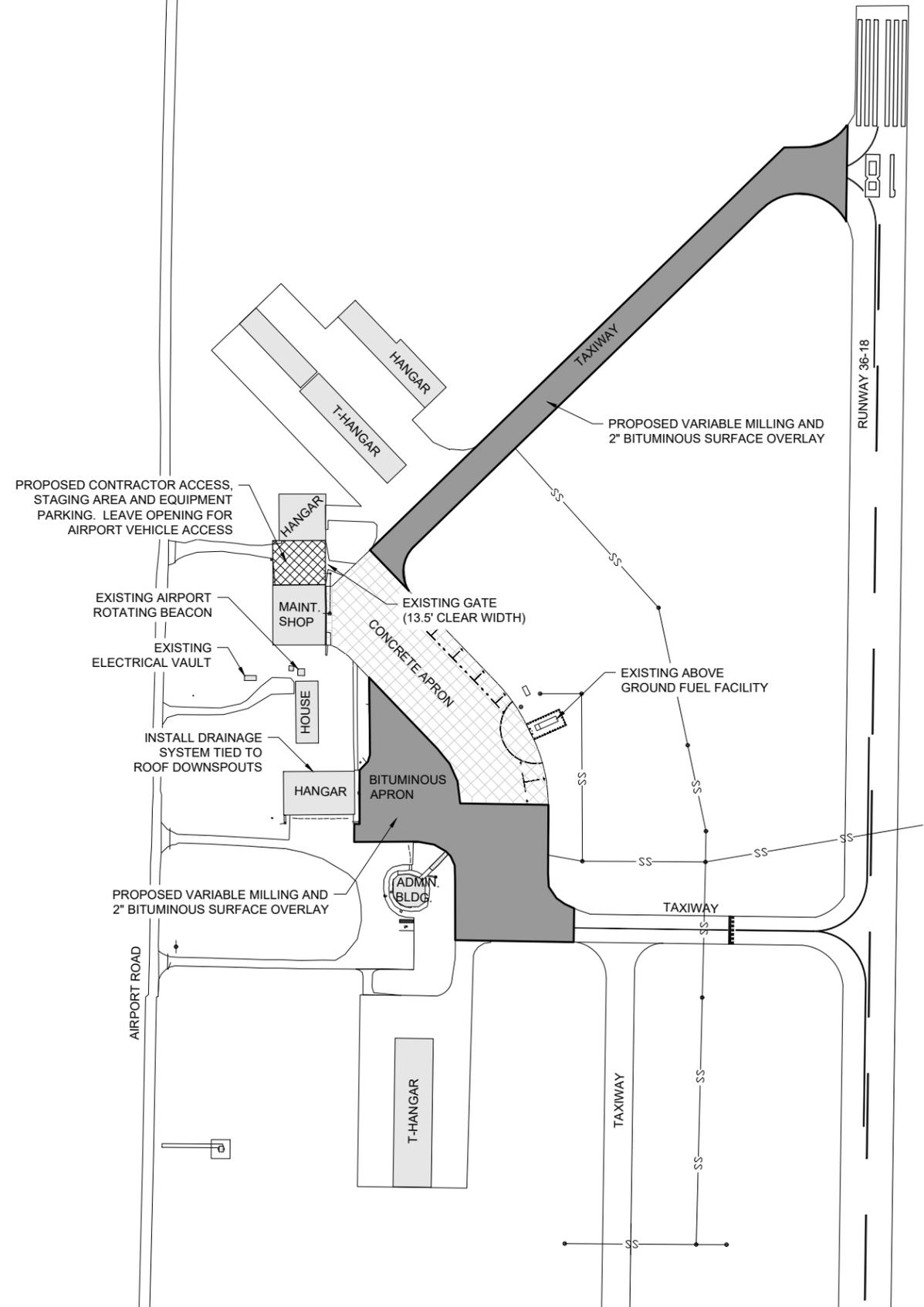
THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY 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.



**LEGEND**

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING BUILDINGS
- CONTRACTOR STAGING AREA



**J.U.L.I.E. INFORMATION**  
 COUNTY \_\_\_\_\_ MARION  
 CITY \_\_\_\_\_ SALEM  
 TOWNSHIP \_\_\_\_\_ SALEM  
 SECTION NO. \_\_\_\_\_ T.2N. - R.2E.  
 ADDRESS \_\_\_\_\_ SALEM-LECKRONE AIRPORT  
 1100 AIRPORT ROAD  
 SALEM, IL 62881



**FOR BID**

**HANSON**  
 Engineering | Planning | Allied Services  
 Hanson Professional Services Inc.  
 1525 S. 6th Street  
 Springfield, IL 62703  
 phone: 217-788-2450  
 fax: 217-788-2503  
 Offices Nationwide  
 www.hanson-inc.com

**Salem-Leckrone Airport**  
 Salem Airport Authority  
 1100 Airport Rd.  
 Salem, IL 62881



DATE: 11/19/2021 LICENSE: 062-057281  
 SIGNED: 11/19/2021 EXPIRES: 2/28/2022

**REHABILITATE A PORTION OF MAIN BITUMINOUS AIRCRAFT PARKING RAMP AND BITUMINOUS TAXIWAY**

SBG No: 3-17-SBGP-162/171  
 IDA No: SLO-4893

Contract No. SA035

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 19, 2021  
 PROJECT NO: 21A0070  
 CAD FILE: G-003-SOW.DWG  
 DESIGN BY: DAW 10/12/2021  
 DRAWN BY: MGL 10/12/2021  
 REVIEWED BY: BSS 10/12/2021

SHEET TITLE

**SCOPE OF WORK**

NOV 18, 2021 1:58 PM HERND01562 1:21 JOBS\21A0070\CAD\AIRPORT\SHEET\G-003-SOW





DATE: 11/19/2021 LICENSE: 062-057281  
 SIGNED: 11/19/2021 EXPIRES: 2/28/2022

REHABILITATE A  
 PORTION OF MAIN  
 BITUMINOUS AIRCRAFT  
 PARKING RAMP AND  
 BITUMINOUS TAXIWAY

SBG No:  
 3-17-SBGP-162/171  
 IDA No: SLO-4893

Contract No. SA035


NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 19, 2021

PROJECT NO: 21A0070

CAD FILE: C-100-PHS1.DWG

DESIGN BY: JRH 10/12/2021

DRAWN BY: JRH 10/12/2021

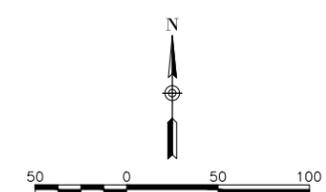
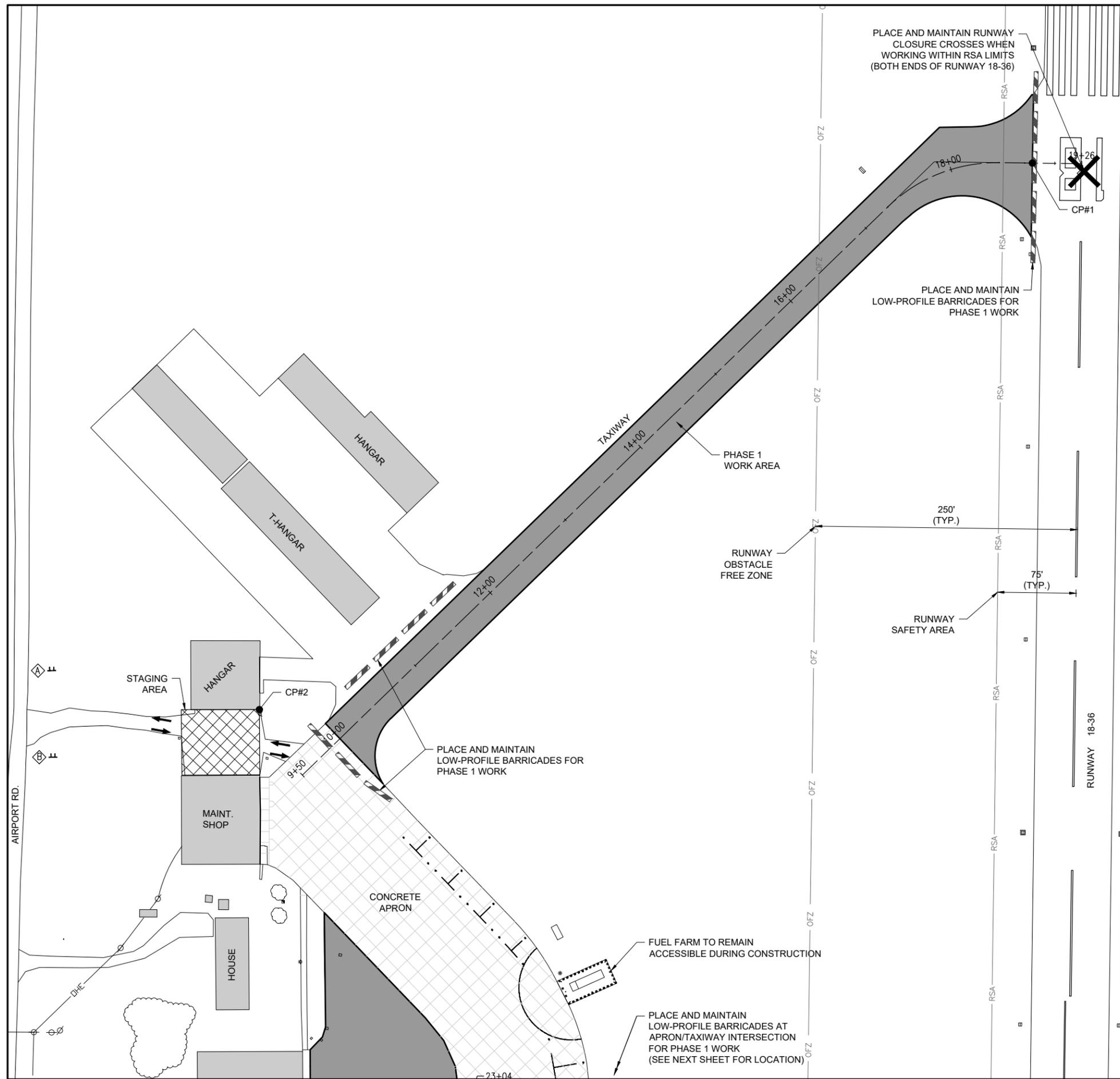
REVIEWED BY: BSS 10/29/2021

SHEET TITLE

PROPOSED SAFETY  
 AND PHASING PLAN -  
 PHASE 1

FOR BID

NOV 18, 2021 1:59 PM HERND01562  
 I:\21\JOBS\21A0070\CAD\AIRPORT\SHEET\C-100-PHS1



**LEGEND:**

- PROPOSED IMPROVEMENTS
- CONTRACTOR STAGING AREA
- LOW PROFILE BARRICADE
- CONSTRUCTION SIGN
- EXISTING PAVEMENT
- EXISTING BUILDINGS
- EXISTING FENCE

**SAFETY PLAN NOTES**

- BARRICADES SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR MAY NOT WORK IN BOTH PHASES AT THE SAME TIME WITH THE EXCEPTION OF PAVEMENT MARKING AND SEEDING/MULCHING WORK.
- FLAGPERSONS AND/OR ESCORTS MAY BE NECESSARY TO ENSURE PROPER CONTROL OF CONSTRUCTION VEHICLE TRAFFIC ACROSS ACTIVE AIRFIELD PAVEMENTS. PAVEMENTS ARE TO BE KEPT FREE OF DEBRIS AT ALL TIMES. COSTS TO MAINTAIN ACTIVE/CLEAN PAVEMENTS SHALL BE INCLUDED IN ITEM AR150540 HAUL ROUTE.
- AT ALL TIMES, THE CONTRACTOR'S OPERATIONS SHALL BE SUCH AS TO MINIMIZE DISRUPTION TO AIRCRAFT OPERATIONS.
- AT THE COMPLETION OF ALL WORK AREA 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 ON THE AIRFIELD AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150520 MOBILIZATION.
- THE COSTS FOR CONSTRUCTION/MAINTENANCE OF HAUL ROUTE AND EQUIPMENT STAGING AREA, TEMPORARY SIGNAGE AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150540 HAUL ROUTE.

**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 150/5370-2G, PARAGRAPH 2.4.2, 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.

**CRITICAL POINT DATA**

DESCRIPTION	LATITUDE	LONGITUDE	GROUND ELEV.	EQUIP. HEIGHT	EQUIP. ELEV.
CRITICAL POINT 1	N038°38'52.26"	W088°57'51.52"	572.39'	25'	597.39'
CRITICAL POINT 2	N038°38'47.05"	W088°58'00.79"	568.90'	25'	593.90'
CRITICAL POINT 3	N038°38'41.68"	W088°57'56.30"	571.08'	25'	596.08'







DATE: 11/19/2021 LICENSE: 2/28/2022  
 SIGNED: 11/19/2021 EXPIRES: 2/28/2022

REHABILITATE A  
 PORTION OF MAIN  
 BITUMINOUS AIRCRAFT  
 PARKING RAMP AND  
 BITUMINOUS TAXIWAY

SBG No:  
 3-17-SBGP-162/171  
 IDA No: SLO-4893

Contract No. SA035

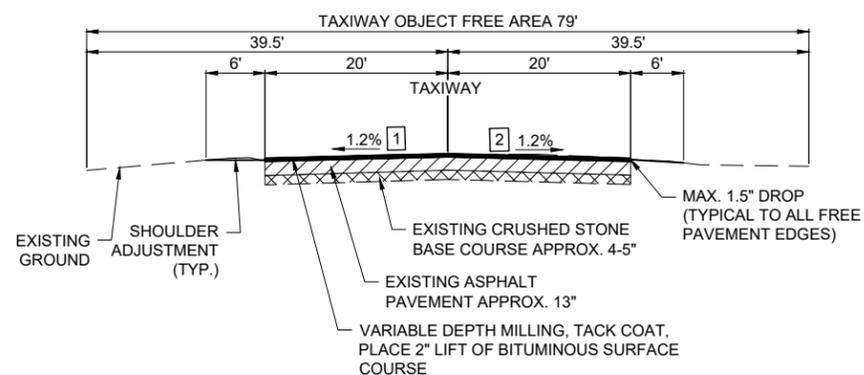
NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 19, 2021

PROJECT NO: 21A0070  
 CAD FILE: C-TYP CROSS SECT-TWY.DWG  
 DESIGN BY: DAW 10/12/2021  
 DRAWN BY: MGL 10/12/2021  
 REVIEWED BY: BSS 10/12/2021

SHEET TITLE

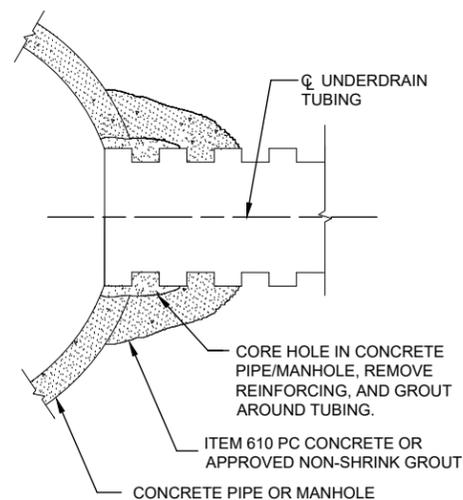
TYPICAL SECTIONS



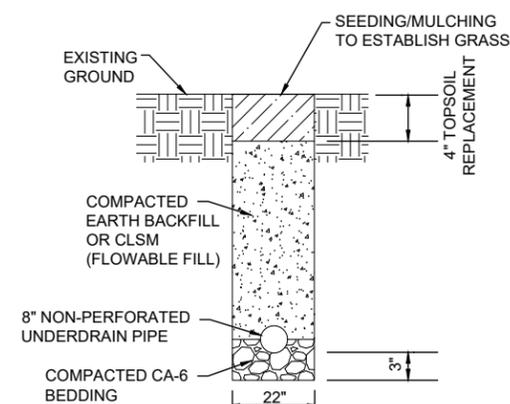
**TYPICAL SECTION - TAXIWAY**  
 NOT TO SCALE

- 1 CROSS SLOPE VARIES BETWEEN STA. 10+00 AND STA. 12+11.88. THEN AGAIN FROM STA. 18+40 TO STA. 18+79 (INTERSECTION WITH RUNWAY 18-36)
- 2 CROSS SLOPE VARIES BETWEEN STA. 10+00 AND STA. 12+50.

NOTE: TAXIWAY WIDTH VARIES AT RADII AND INTERSECTION WITH RUNWAY 18-36.

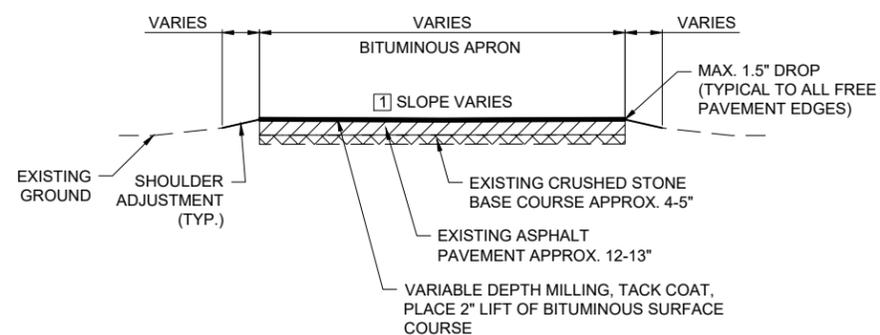


**STORM SEWER CONCRETE COLLAR AND GROUT CONNECTION**  
 NOT TO SCALE



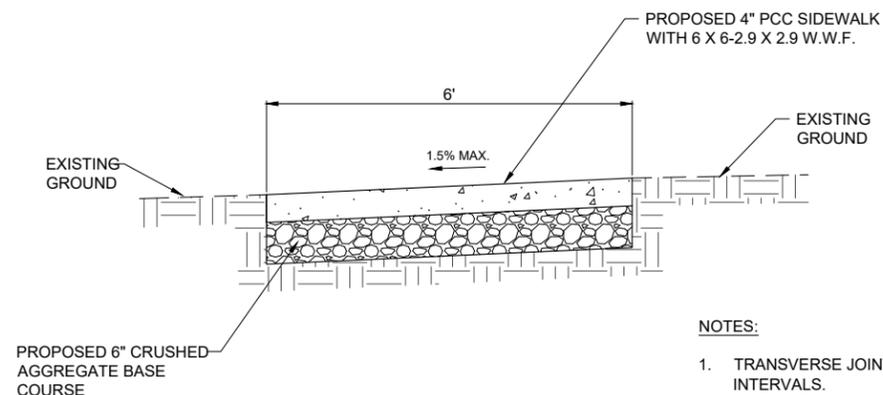
**NON-PERFORATED UNDERDRAIN TRENCH UNDER TURF**  
 NOT TO SCALE

NOTE:  
 COST OF ALL WORK ASSOCIATED WITH THIS DETAIL SHALL BE INCLUDED IN COST OF NON-PERFORATED UNDERDRAIN PIPE.



**TYPICAL SECTION - APRON**  
 NOT TO SCALE

- 1 SLOPES VARY ACROSS THE RAMP. SEE THE PAVEMENT MILLING PLAN AND PROPOSED CONSTRUCTION PLAN.



**TYPICAL SECTION - SIDEWALK**  
 NOT TO SCALE

- NOTES:
1. TRANSVERSE JOINTS SPACED AT 4' INTERVALS.
  2. 3/4" PREFORMED EXPANSION JOINT FILLER TO BE USED AT ALL LOCATIONS WHERE SIDEWALK IS ADJACENT TO PCC PAVEMENT.

FOR BID



**Salem-Leckrone Airport**

Salem Airport Authority  
 1100 Airport Rd.  
 Salem, IL 62881



DATE: 11/19/2021 LICENSE: 062-057281  
 SIGNED: 11/19/2021 EXPIRES: 2/28/2022

**REHABILITATE A PORTION OF MAIN BITUMINOUS AIRCRAFT PARKING RAMP AND BITUMINOUS TAXIWAY**

SBG No: 3-17-SBGP-162/171  
 IDA No: SLO-4893

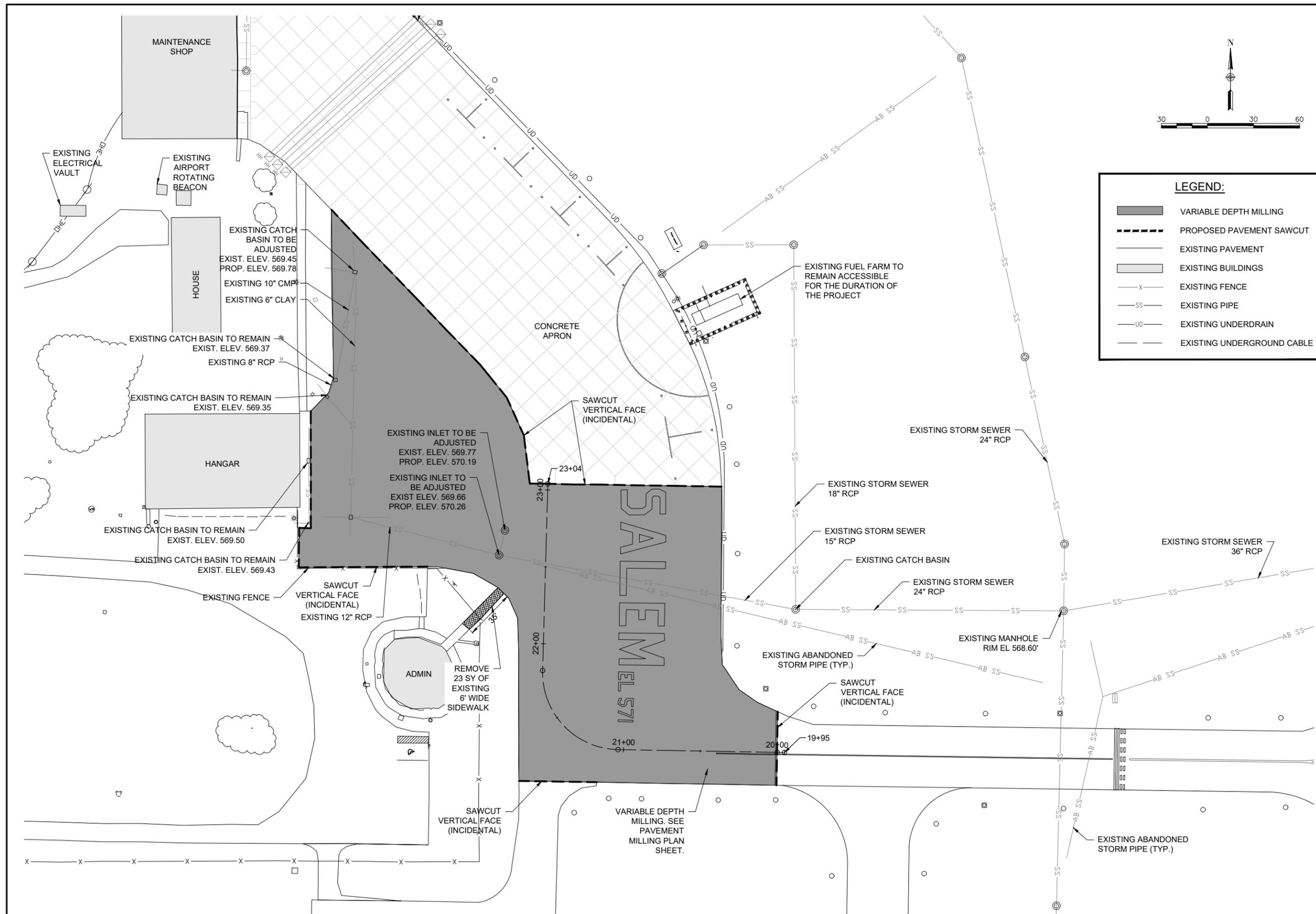
Contract No. SA035


NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 19, 2021  
 PROJECT NO: 21A0070  
 CAD FILE: C-101-SIT.DWG  
 DESIGN BY: DAW 10/12/2021  
 DRAWN BY: MGL 10/12/2021  
 REVIEWED BY: BSS 10/12/2021

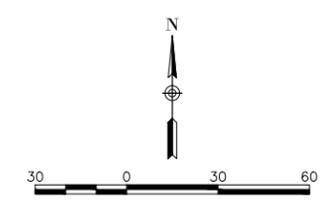
SHEET TITLE

**EXISTING SITE AND DEMOLITION PLAN - APRON**



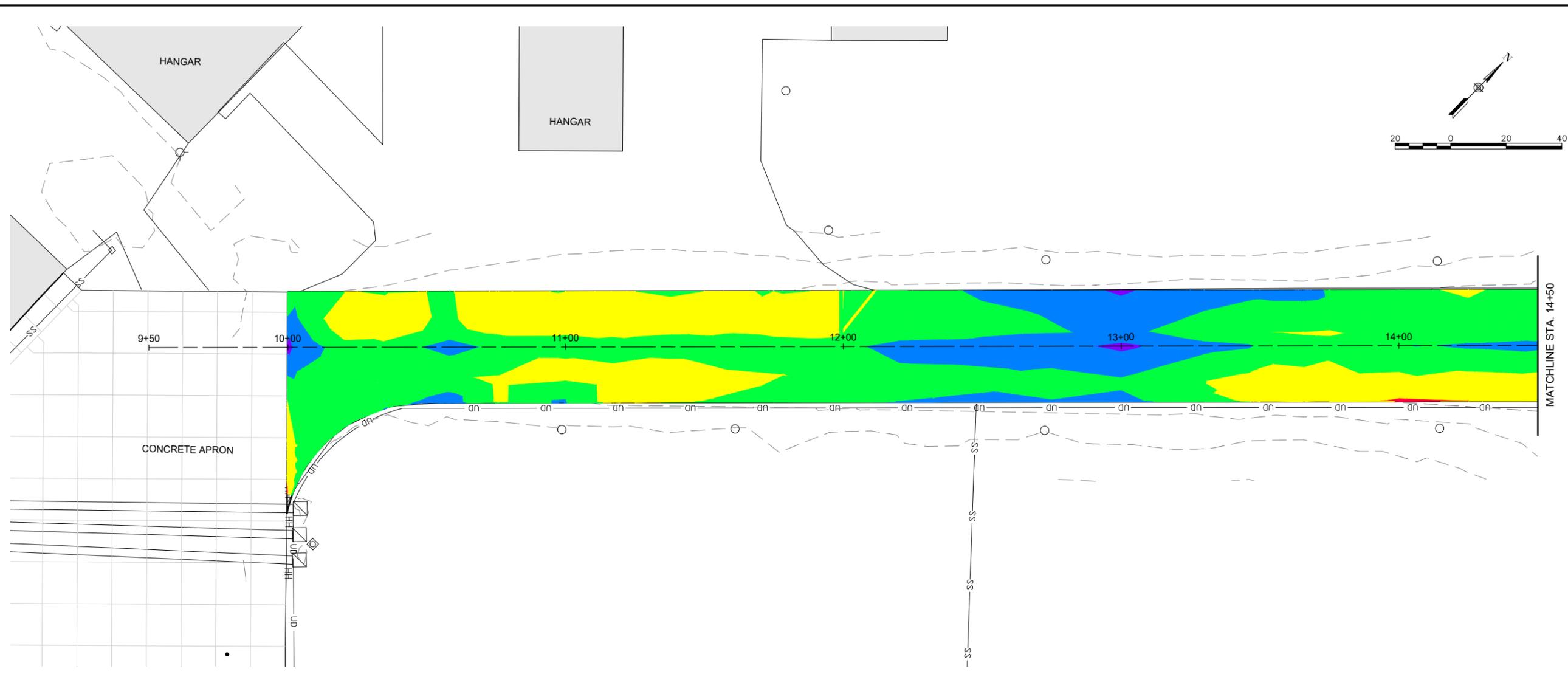
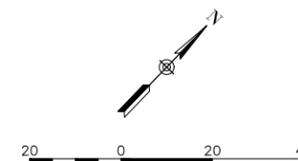
**LEGEND:**

- VARIABLE DEPTH MILLING
- PROPOSED PAVEMENT SAWCUT
- EXISTING PAVEMENT
- EXISTING BUILDINGS
- EXISTING FENCE
- EXISTING PIPE
- EXISTING UNDERDRAIN
- EXISTING UNDERGROUND CABLE



NOV 18, 2021 1:59 PM HERND01562  
 I:\21\JOBS\21A0070\CAD\AIRPORT\SHEET\C-101-SIT

**FOR BID**



NOTE: THIS PLAN SHEET IS INTENDED TO BE PRINTED IN COLOR FOR BEST VISIBILITY.

**NOTES:**

1. FOLLOWING THE PROJECT AWARD, THE ENGINEER CAN PROVIDE THE RELEVANT AUTOCAD AND CIVIL 3D SURFACE MODEL FILES TO THE AWARDED CONTRACTOR UPON REQUEST TO ASSIST WITH CONSTRUCTION LAYOUT.
2. THE POSITIVE VALUES SHOWN IN THE BOTTOM ROW OF THE MILLING DEPTH TABLE ON THIS SHEET REPRESENT THE ADDITIONAL BITUMINOUS MATERIAL (IN EXCESS OF THE PROPOSED 2" OVERLAY) REQUIRED IN ORDER TO OBTAIN THE PROPOSED FINISHED PAVEMENT GRADES PER THE PLANS. ADDITIONAL BITUMINOUS MATERIAL PLACED TO ACCOMMODATE THESE GRADES SHALL BE PAID FOR UNDER ITEM AR401613.

MILLING DEPTH TABLE			
NUMBER	LOWER LIMIT	UPPER LIMIT	COLOR
1	-4.00"	-3.00"	Red
2	-3.00"	-2.00"	Yellow
3	-2.00"	-1.00"	Green
4	-1.00"	0.00"	Blue
5	0.00"	1.00"	Purple



DATE SIGNED: 11/19/2021 LICENSE EXPIRES: 2/28/2022

REHABILITATE A PORTION OF MAIN BITUMINOUS AIRCRAFT PARKING RAMP AND BITUMINOUS TAXIWAY

SBG No: 3-17-SBGP-162/171  
IDA No: SLO-4893

Contract No. SA035

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 19, 2021

PROJECT NO: 21A0070  
CAD FILE: C-MILLING-TWY.DWG  
DESIGN BY: DPD 10/12/2021  
DRAWN BY: DPD 10/12/2021  
REVIEWED BY: JRH 10/29/2021

SHEET TITLE

PROPOSED TAXIWAY MILLING PLAN STA. 9+50 TO STA. 14+50

**FOR BID**

**Salem-Leckrone Airport**

Salem Airport Authority  
1100 Airport Rd.  
Salem, IL 62881



DATE SIGNED: 11/19/2021 LICENSE EXPIRES: 2/28/2022

**REHABILITATE A PORTION OF MAIN BITUMINOUS AIRCRAFT PARKING RAMP AND BITUMINOUS TAXIWAY**

SBG No:  
3-17-SBGP-162/171  
IDA No: SLO-4893

Contract No. SA035

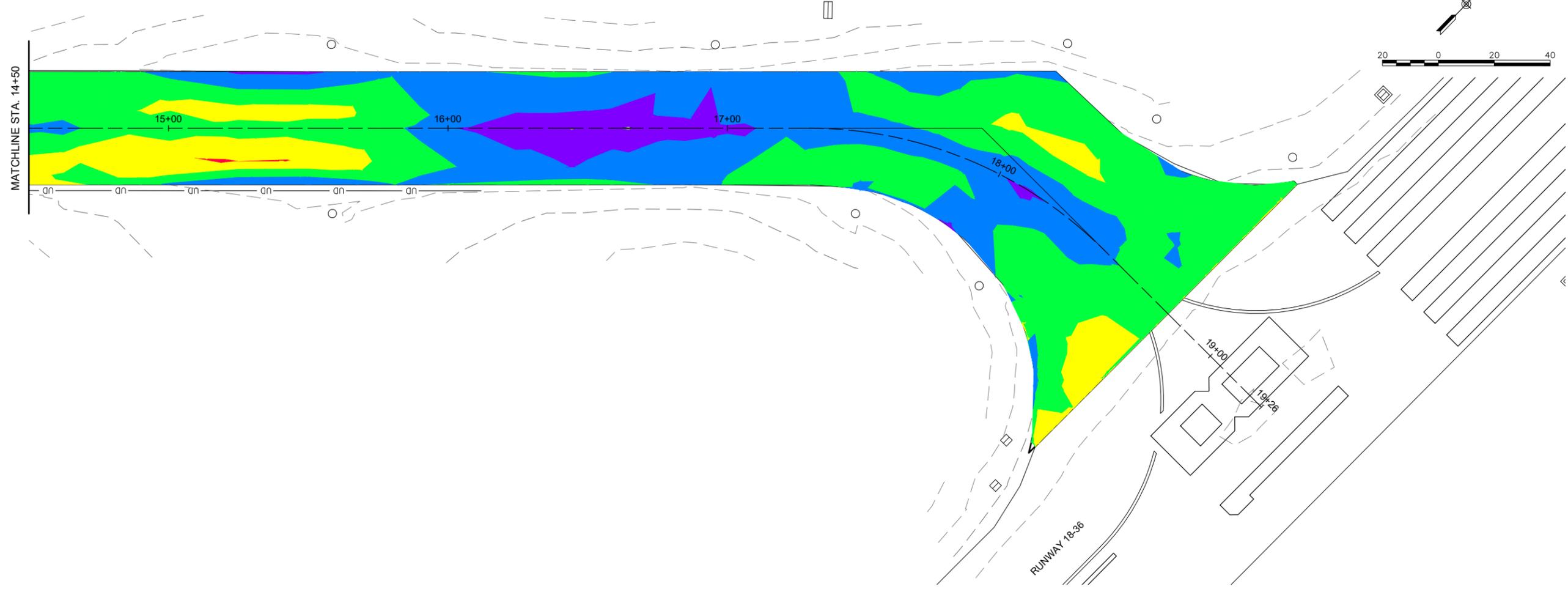
NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 19, 2021

PROJECT NO: 21A0070  
CAD FILE: C-MILLING-TWY.DWG  
DESIGN BY: DPD 10/12/2021  
DRAWN BY: DPD 10/12/2021  
REVIEWED BY: JRH 10/29/2021

SHEET TITLE

**PROPOSED TAXIWAY MILLING PLAN STA. 14+50 TO STA. 19+25.83**



NOTE: THIS PLAN SHEET IS INTENDED TO BE PRINTED IN COLOR FOR BEST VISIBILITY.

**NOTES:**

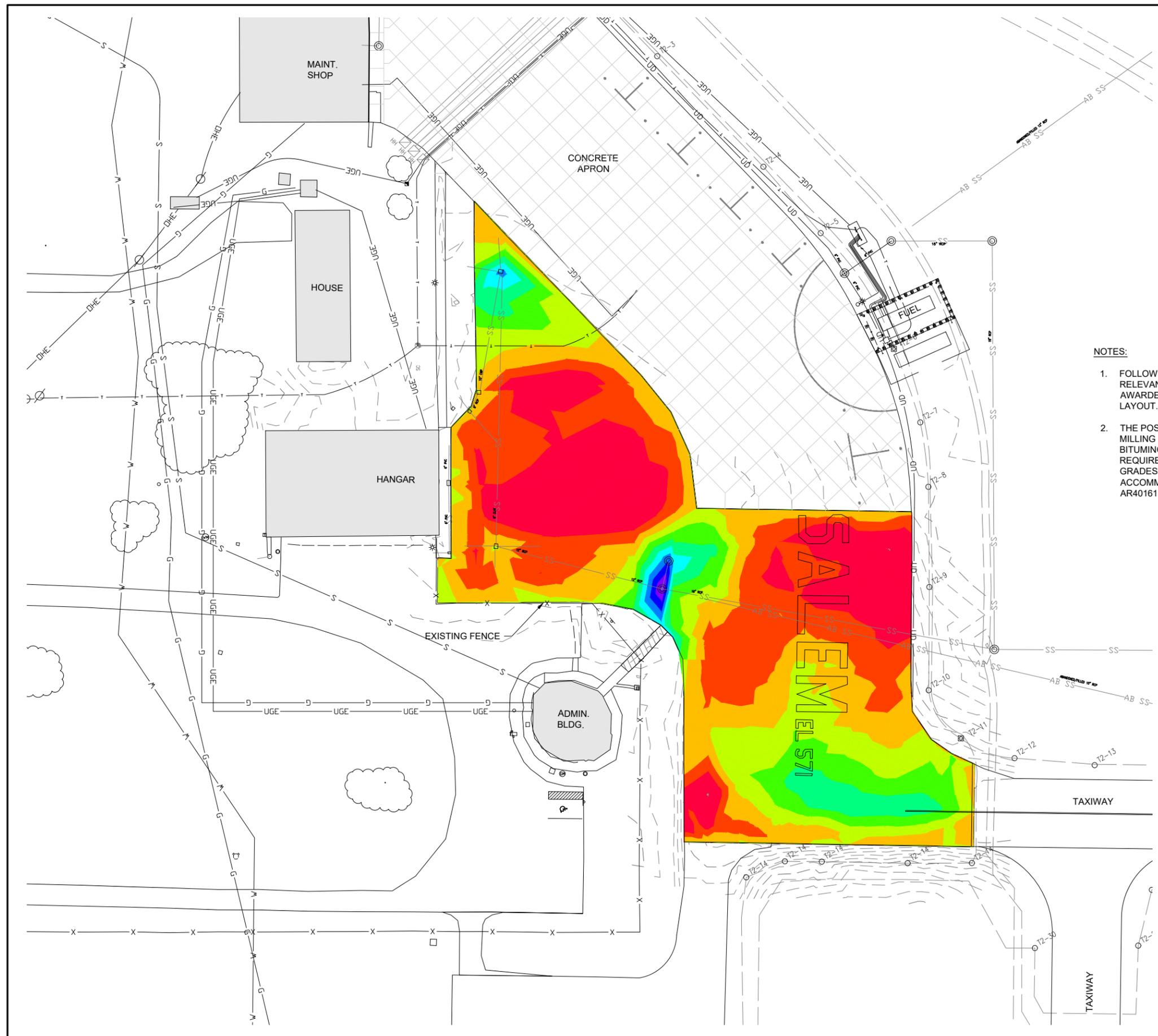
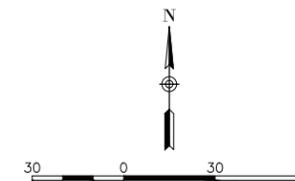
1. FOLLOWING THE PROJECT AWARD, THE ENGINEER CAN PROVIDE THE RELEVANT AUTOCAD AND CIVIL 3D SURFACE MODEL FILES TO THE AWARDED CONTRACTOR UPON REQUEST TO ASSIST WITH CONSTRUCTION LAYOUT.
2. THE POSITIVE VALUES SHOWN IN THE BOTTOM ROW OF THE MILLING DEPTH TABLE ON THIS SHEET REPRESENT THE ADDITIONAL BITUMINOUS MATERIAL (IN EXCESS OF THE PROPOSED 2" OVERLAY) REQUIRED IN ORDER TO OBTAIN THE PROPOSED FINISHED PAVEMENT GRADES PER THE PLANS. ADDITIONAL BITUMINOUS MATERIAL PLACED TO ACCOMMODATE THESE GRADES SHALL BE PAID FOR UNDER ITEM AR401613.

NUMBER	LOWER LIMIT	UPPER LIMIT	COLOR
1	-4.00"	-3.00"	Red
2	-3.00"	-2.00"	Yellow
3	-2.00"	-1.00"	Green
4	-1.00"	0.00"	Blue
5	0.00"	1.00"	Purple

**FOR BID**

**Salem-Leckrone Airport**

Salem Airport Authority  
1100 Airport Rd.  
Salem, IL 62881



**NOTES:**

1. FOLLOWING THE PROJECT AWARD, THE ENGINEER CAN PROVIDE THE RELEVANT AUTOCAD AND CIVIL 3D SURFACE MODEL FILES TO THE AWARDED CONTRACTOR UPON REQUEST TO ASSIST WITH CONSTRUCTION LAYOUT.
2. THE POSITIVE VALUES SHOWN IN THE BOTTOM FIVE (5) ROWS OF THE MILLING DEPTH TABLE ON THIS SHEET REPRESENT THE ADDITIONAL BITUMINOUS MATERIAL (IN EXCESS OF THE PROPOSED 2" OVERLAY) REQUIRED IN ORDER TO OBTAIN THE PROPOSED FINISHED PAVEMENT GRADES PER THE PLANS. ADDITIONAL BITUMINOUS MATERIAL PLACED TO ACCOMMODATE THESE GRADES SHALL BE PAID FOR UNDER ITEM AR401613.

NOTE: THIS PLAN SHEET IS INTENDED TO BE PRINTED IN COLOR FOR BEST VISIBILITY.



DATE SIGNED: 11/19/2021 LICENSE EXPIRES: 2/28/2022

**REHABILITATE A PORTION OF MAIN BITUMINOUS AIRCRAFT PARKING RAMP AND BITUMINOUS TAXIWAY**

SBG No:  
3-17-SBGP-162/171  
IDA No: SLO-4893

Contract No. SA035


NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 19, 2021

PROJECT NO: 21A0070

CAD FILE: C-MILLING-APRN.DWG

DESIGN BY: DPD 10/12/2021

DRAWN BY: DPD 10/12/2021

REVIEWED BY: JRH 10/29/2021

SHEET TITLE

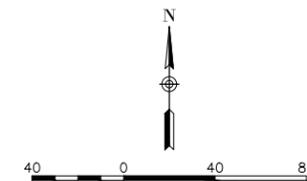
**PROPOSED APRON MILLING PLAN**

MILLING DEPTH TABLE			
NUMBER	LOWER LIMIT	UPPER LIMIT	COLOR
1	-5.87"	-4.00"	Red
2	-4.00"	-3.00"	Orange
3	-3.00"	-2.00"	Yellow
4	-2.00"	-1.00"	Light Green
5	-1.00"	0.00"	Green
6	0.00"	1.00"	Cyan
7	1.00"	2.00"	Blue
8	2.00"	3.00"	Dark Blue
9	3.00"	4.00"	Dark Purple
10	4.00"	4.97"	Purple

**FOR BID**

Salem-Leckrone Airport

Salem Airport Authority  
1100 Airport Rd.  
Salem, IL 62881



**LEGEND:**

- BITUMINOUS PAVEMENT OVERLAY
- CONTRACTOR STAGING AREA
- EXISTING PAVEMENT
- EXISTING BUILDINGS
- EXISTING FENCE
- EXISTING PIPE
- EXISTING UNDERDRAIN



DATE: 11/19/2021 LICENSE: 062-057281  
SIGNED: 11/19/2021 EXPIRES: 2/28/2022

**REHABILITATE A PORTION OF MAIN BITUMINOUS AIRCRAFT PARKING RAMP AND BITUMINOUS TAXIWAY**

SBG No: 3-17-SBGP-162/171  
IDA No: SLO-4893

Contract No. SA035


NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 19, 2021

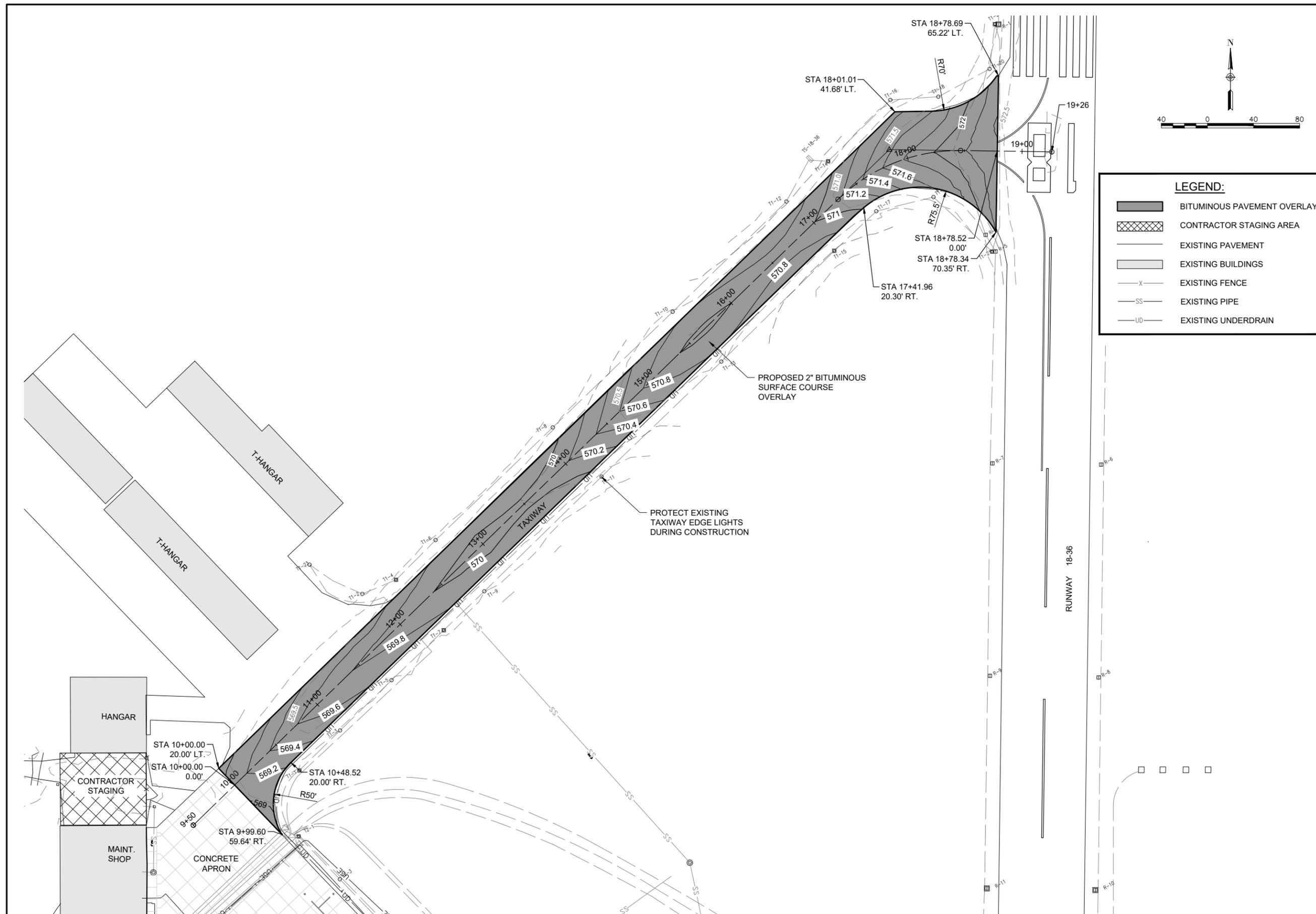
PROJECT NO: 21A0070  
CAD FILE: C-104-PLAN-TWY.DWG  
DESIGN BY: DPD 10/12/2021  
DRAWN BY: DPD 10/12/2021  
REVIEWED BY: JRH 10/29/2021

SHEET TITLE

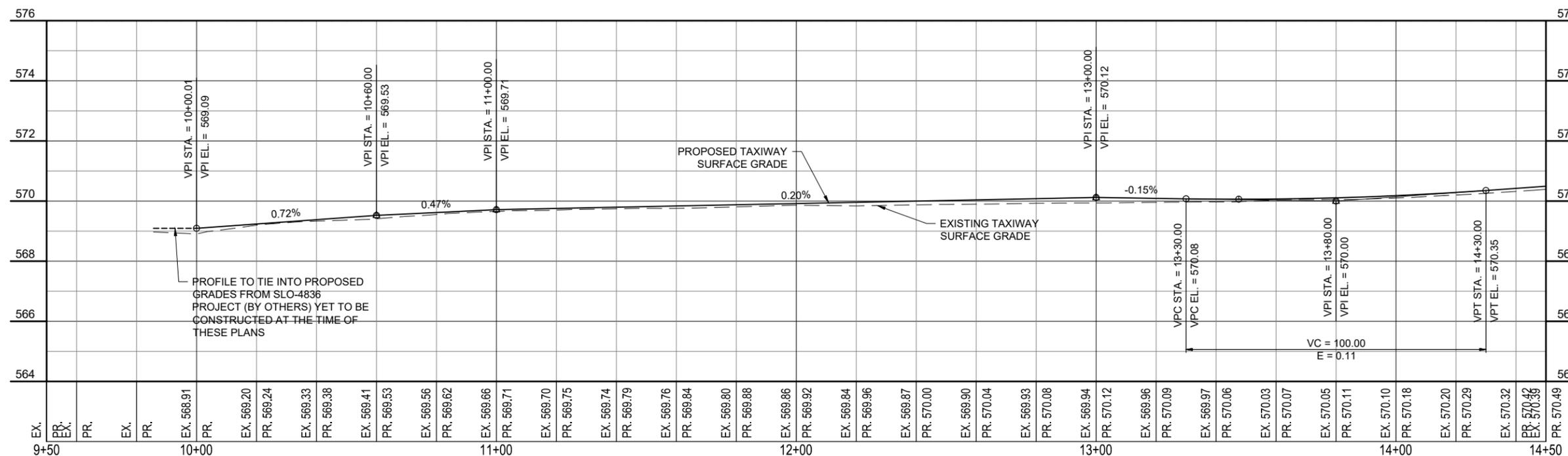
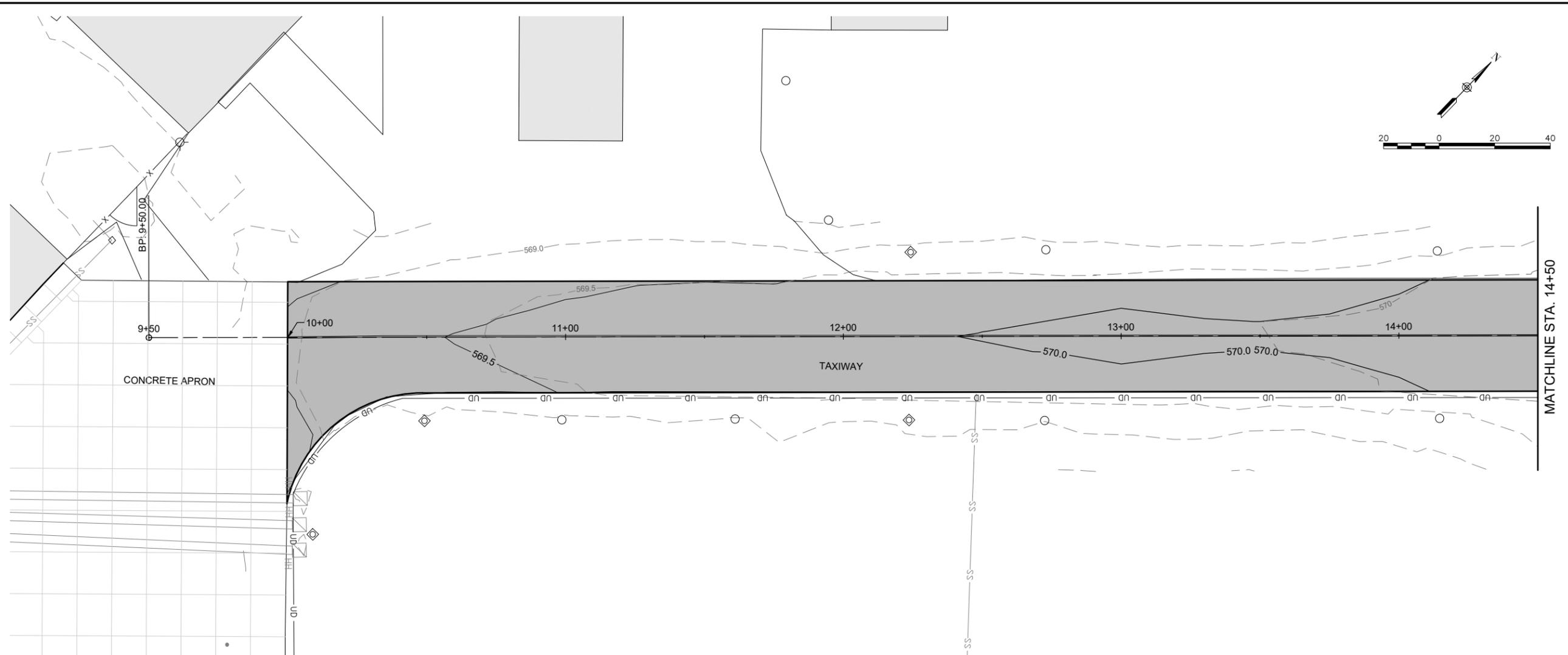
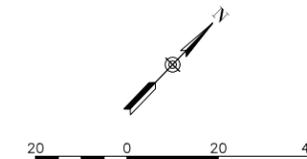
**PROPOSED CONSTRUCTION PLAN - TAXIWAY**

**FOR BID**

NOV 18, 2021 2:00 PM HERN001562  
I:\21\JOBS\21A0070\CAD\AIRPORT\SHEET\C-104-PLAN-TWY







PROFILE TO TIE INTO PROPOSED GRADES FROM SLO-4836 PROJECT (BY OTHERS) YET TO BE CONSTRUCTED AT THE TIME OF THESE PLANS



DATE: 11/19/2021 LICENSE: 062-057281  
SIGNED: 11/19/2021 EXPIRES: 2/28/2022

REHABILITATE A PORTION OF MAIN BITUMINOUS AIRCRAFT PARKING RAMP AND BITUMINOUS TAXIWAY

SBG No: 3-17-SBGP-162/171  
IDA No: SLO-4893

Contract No. SA035

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 19, 2021

PROJECT NO: 21A0070  
CAD FILE: C-PNP-TWY.DWG  
DESIGN BY: DAW 10/12/2021  
DRAWN BY: MGL 10/12/2021  
REVIEWED BY: BSS 10/12/2021

SHEET TITLE

TAXIWAY PLAN & PROFILE STA. 9+50 TO STA. 14+50



DATE: 11/19/2021 LICENSE: 062-057281  
SIGNED: 11/19/2021 EXPIRES: 2/28/2022

REHABILITATE A  
PORTION OF MAIN  
BITUMINOUS AIRCRAFT  
PARKING RAMP AND  
BITUMINOUS TAXIWAY

SBG No:  
3-17-SBGP-162/171  
IDA No: SLO-4893

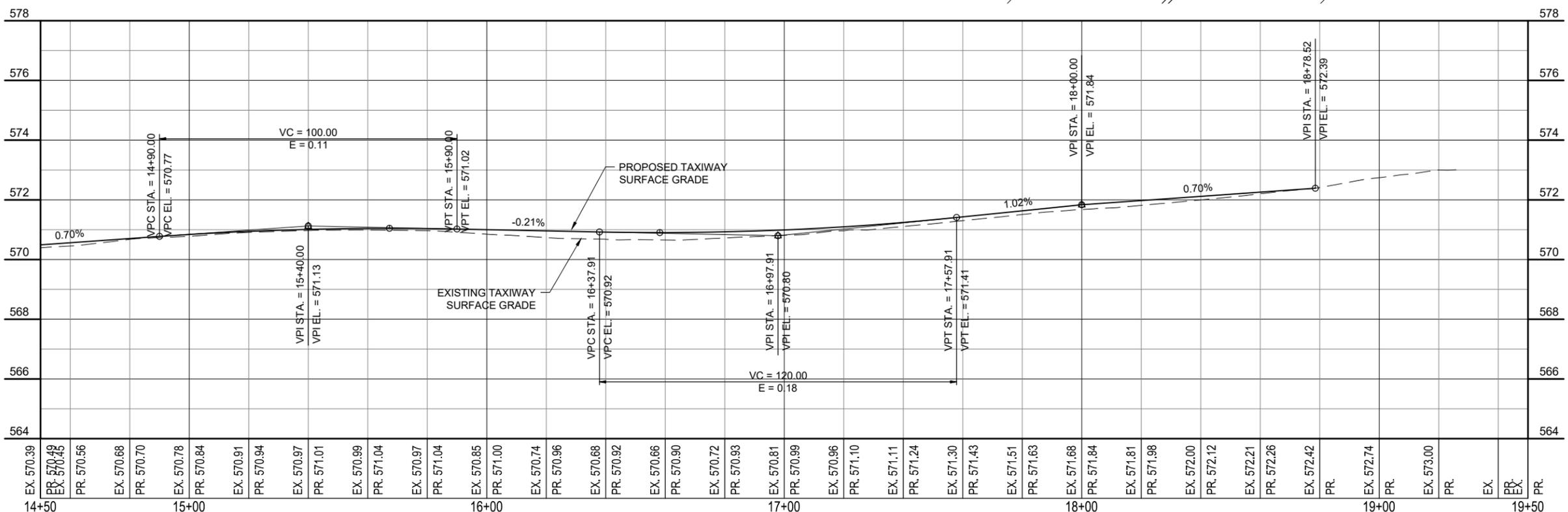
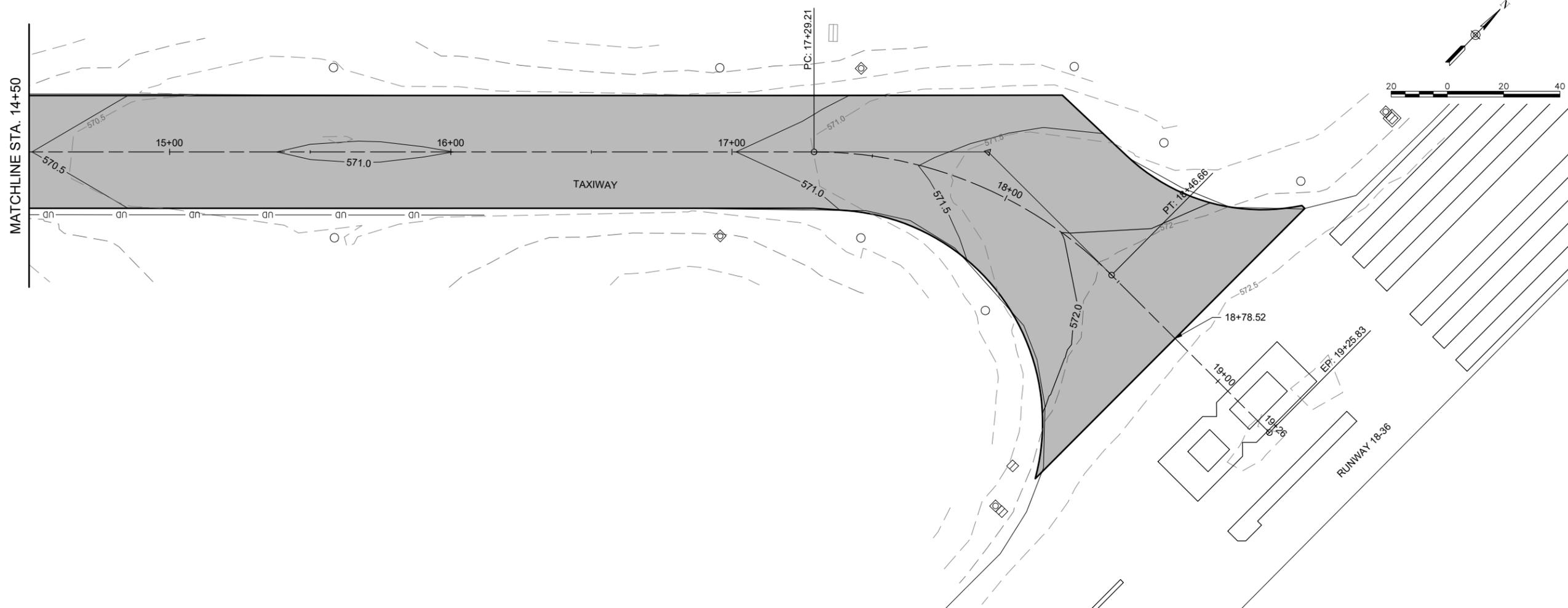
Contract No. SA035

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 19, 2021  
PROJECT NO: 21A0070  
CAD FILE: C-PNP-TWY.DWG  
DESIGN BY: DAW 10/12/2021  
DRAWN BY: MGL 10/12/2021  
REVIEWED BY: BSS 10/12/2021

SHEET TITLE

TAXIWAY PLAN &  
PROFILE STA. 14+50  
TO STA. 19+50



NOV 18, 2021 2:01 PM HERND01562  
I:\21\JOBS\21A0070\CAD\AIRPORT\T\SHEET\C-PNP-TWY

**FOR BID**



Engineering | Planning | Allied Services

Hanson Professional Services Inc.  
1525 S. 6th Street  
Springfield, IL 62703  
phone: 217-788-2450  
fax: 217-788-2503

Offices Nationwide  
www.hanson-inc.com

Illinois Licensed  
Professional Service Corporation  
#184-001084

Salem-Leckrone Airport

Salem Airport Authority  
1100 Airport Rd.  
Salem, IL 62881



DATE: 11/19/2021 LICENSE: 062-057281  
SIGNED: 11/19/2021 EXPIRES: 2/28/2022

REHABILITATE A  
PORTION OF MAIN  
BITUMINOUS AIRCRAFT  
PARKING RAMP AND  
BITUMINOUS TAXIWAY

SBG No:  
3-17-SBGP-162/171  
IDA No: SLO-4893

Contract No. SA035


NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 19, 2021

PROJECT NO: 21A0070

CAD FILE: C-PNP-APRN.DWG

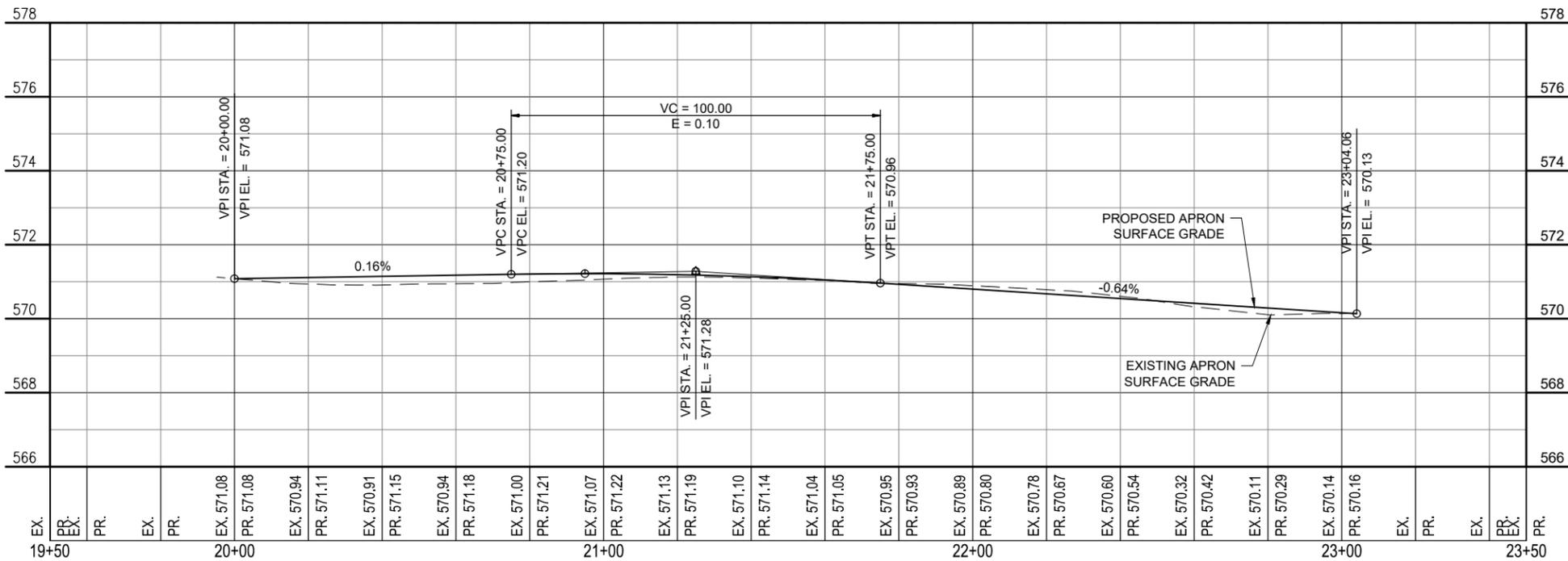
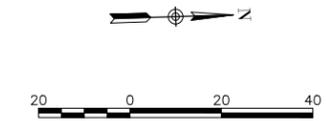
DESIGN BY: JRH 11/11/2021

DRAWN BY: JRH 11/11/2021

REVIEWED BY: BSS 11/11/2021

SHEET TITLE

APRON PLAN &  
PROFILE

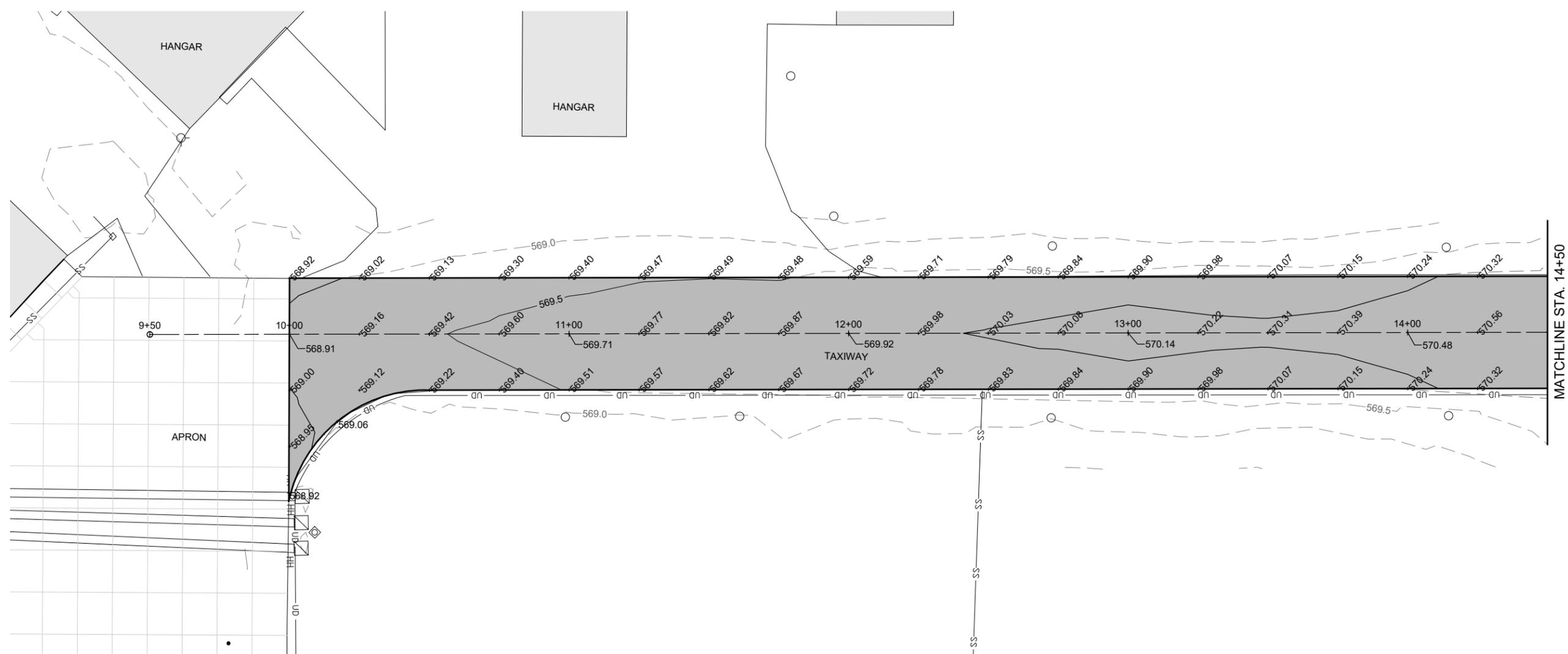
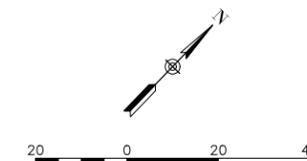


NOV 18, 2021 2:01 PM HERND01562  
I:\21\JOBS\21A0070\CAD\AIRPORT\T\SHEET\C-PNP-APRN

FOR BID

Salem-Leckrone Airport

Salem Airport Authority  
1100 Airport Rd.  
Salem, IL 62881



DATE SIGNED: 11/19/2021 LICENSE EXPIRES: 2/28/2022

REHABILITATE A  
PORTION OF MAIN  
BITUMINOUS AIRCRAFT  
PARKING RAMP AND  
BITUMINOUS TAXIWAY

SBG No:  
3-17-SBGP-162/171  
IDA No: SLO-4893

Contract No. SA035


NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 19, 2021  
PROJECT NO: 21A0070  
CAD FILE: C-STAKING PLAN-TWY.DWG  
DESIGN BY: DAW 10/12/2021  
DRAWN BY: MGL 10/12/2021  
REVIEWED BY: BSS 10/12/2021

SHEET TITLE

PROPOSED STAKING  
PLAN - TAXIWAY STA.  
9+50 TO STA. 14+50

FOR BID

**Salem-Leckrone Airport**

Salem Airport Authority  
1100 Airport Rd.  
Salem, IL 62881



DATE SIGNED: 11/19/2021 LICENSE EXPIRES: 2/28/2022

**REHABILITATE A PORTION OF MAIN BITUMINOUS AIRCRAFT PARKING RAMP AND BITUMINOUS TAXIWAY**

SBG No: 3-17-SBGP-162/171  
IDA No: SLO-4893

Contract No. SA035


NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 19, 2021

PROJECT NO: 21A0070

CAD FILE: C-STAKING PLAN-TWY.DWG

DESIGN BY: DAW 10/22/2021

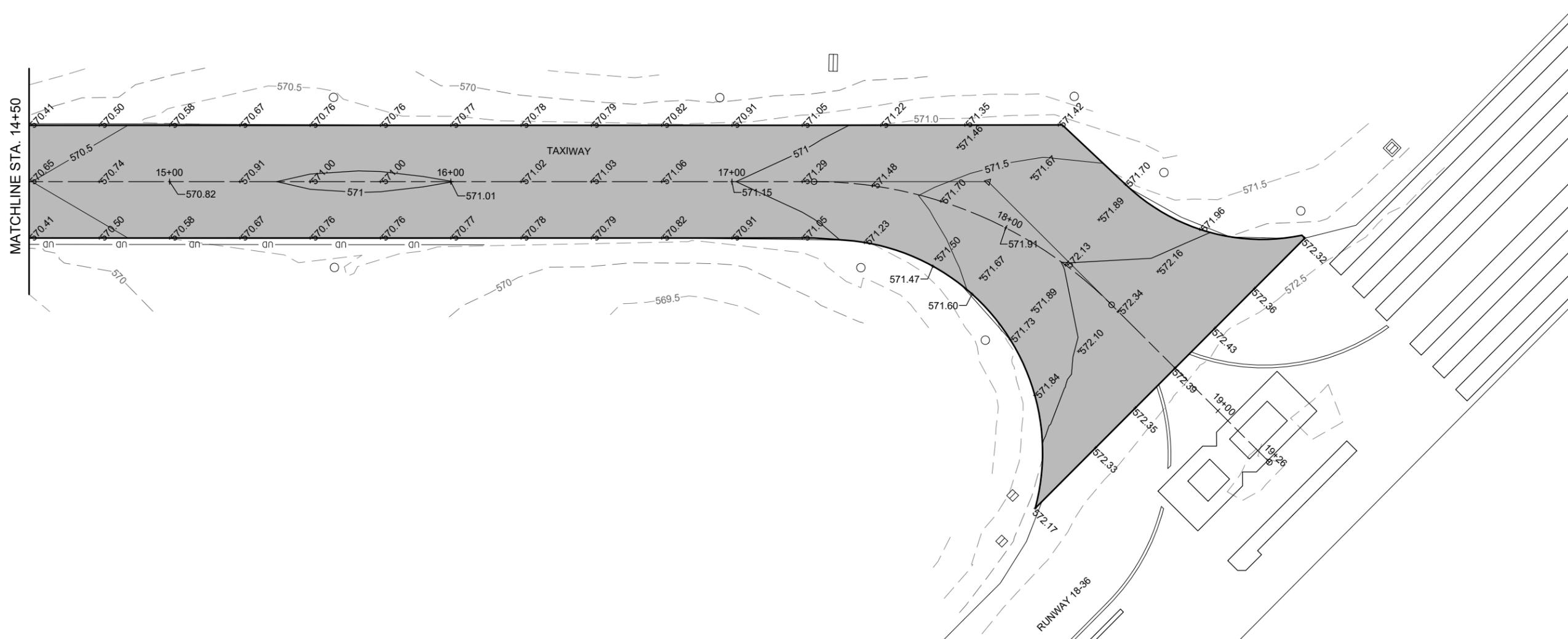
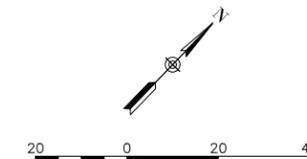
DRAWN BY: MGL 10/22/2021

REVIEWED BY: BSS 10/22/2021

SHEET TITLE

PROPOSED STAKING PLAN - TAXIWAY STA. 14+50 TO STA. 19+26

**FOR BID**









DATE SIGNED: 11/19/2021 LICENSE EXPIRES: 2/28/2022

REHABILITATE A PORTION OF MAIN BITUMINOUS AIRCRAFT PARKING RAMP AND BITUMINOUS TAXIWAY

SBG No: 3-17-SBGP-162/171  
IDA No: SLO-4893

Contract No. SA035

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 19, 2021

PROJECT NO: 21A0070

CAD FILE: G-004-SWPP DETAILS.DWG

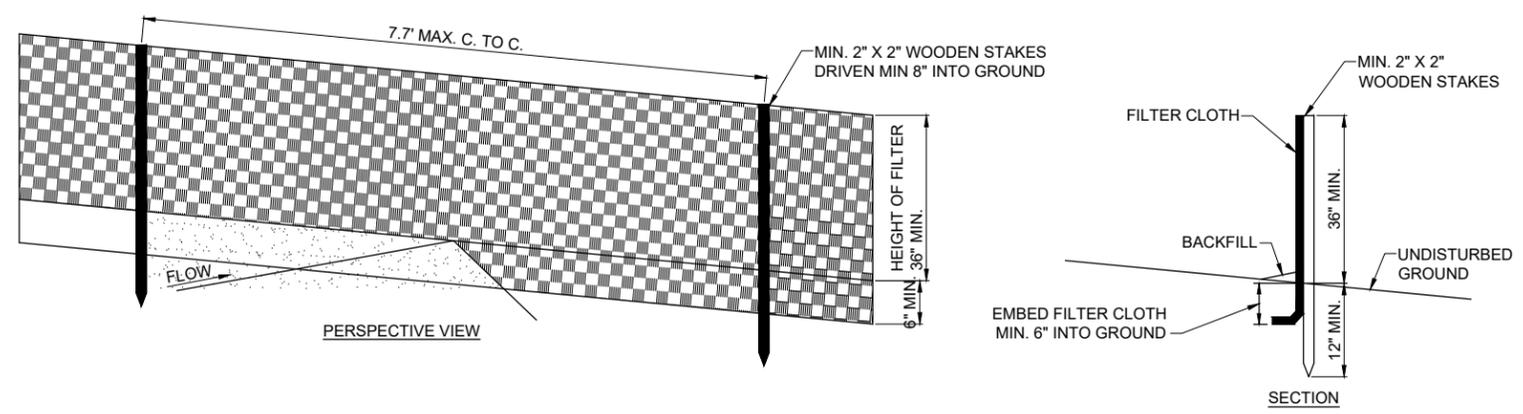
DESIGN BY: JRH 10/12/2021

DRAWN BY: DPD 10/12/2021

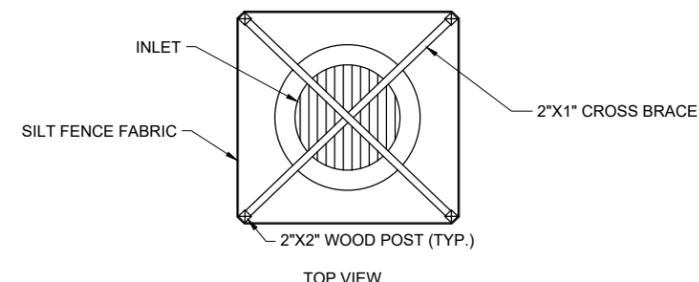
REVIEWED BY: BSS 10/29/2021

SHEET TITLE

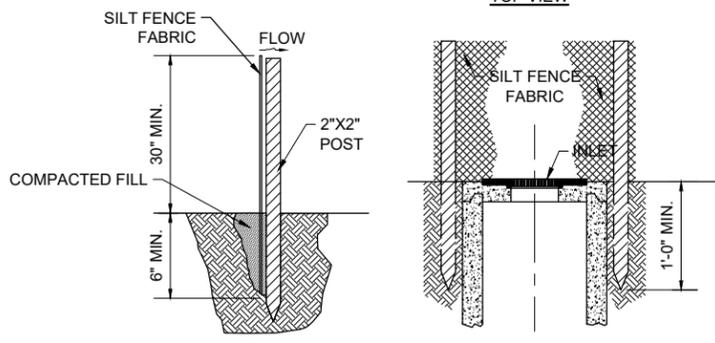
STORMWATER POLLUTION PREVENTION DETAILS



**SILT FENCE DETAIL**  
NOT TO SCALE



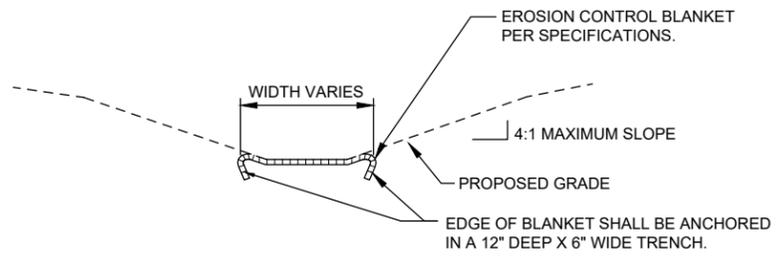
**TOP VIEW**



**SECTION VIEW**

**SUPPORT FRAME**

**FABRIC DROP INLET PROTECTION**  
NOT TO SCALE



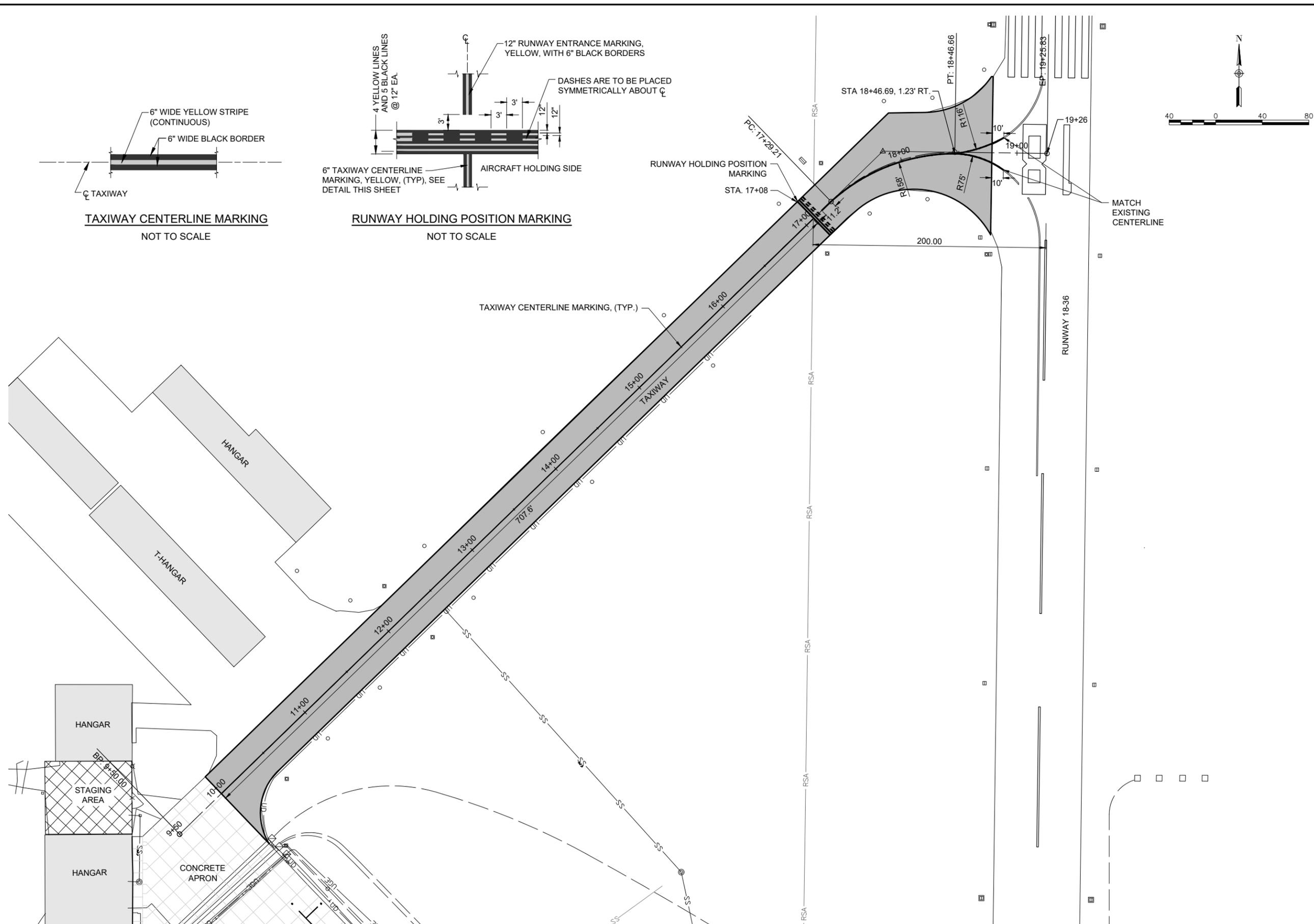
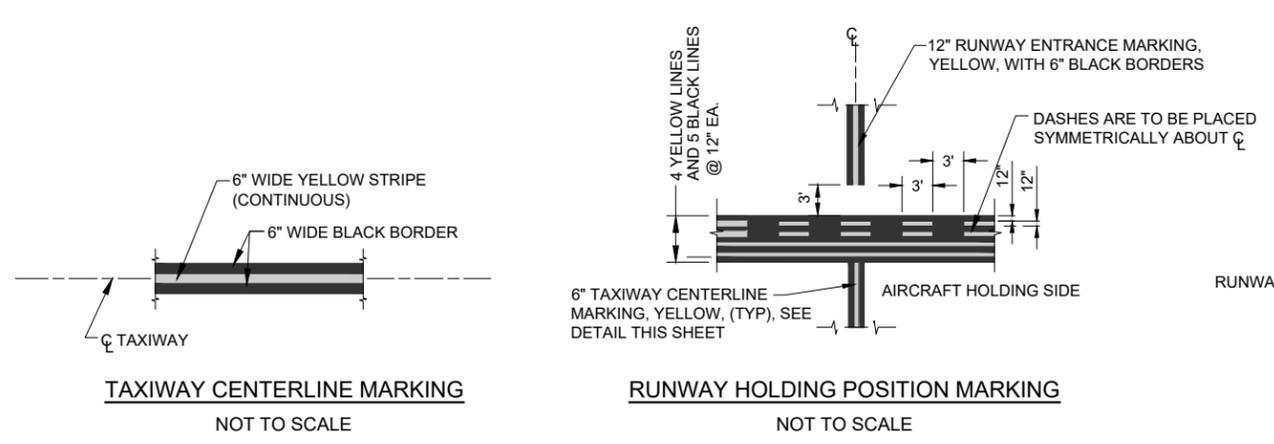
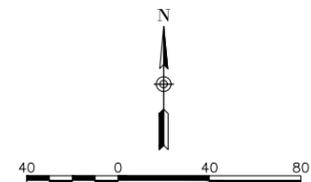
**TYPICAL EROSION CONTROL BLANKET**  
NOT TO SCALE

NOTE: ALL EROSION CONTROL BLANKETS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS BASED ON THE PROPOSED TYPE AND USE.

NOV 18, 2021 2:01 PM HERND01562 I:\21\JOBS\21A0070\CAD\AIRPORT\T\SHEET\G-004-SWPP DETAILS

**Salem-Leckrone Airport**

Salem Airport Authority  
1100 Airport Rd.  
Salem, IL 62881



DATE: 11/19/2021 LICENSE: 062-057281  
SIGNED: 11/19/2021 EXPIRES: 2/28/2022

REHABILITATE A  
PORTION OF MAIN  
BITUMINOUS AIRCRAFT  
PARKING RAMP AND  
BITUMINOUS TAXIWAY

SBG No:  
3-17-SBGP-162/171  
IDA No: SLO-4893

Contract No. SA035


NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 19, 2021  
PROJECT NO: 21A0070  
CAD FILE: C-MRKG PLAN-TWY.DWG  
DESIGN BY: DAW 10/12/2021  
DRAWN BY: MGL 10/12/2021  
REVIEWED BY: BSS 10/12/2021

SHEET TITLE

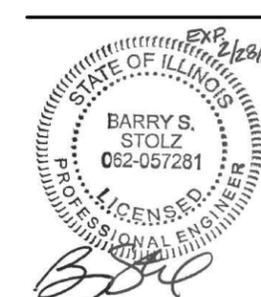
**PROPOSED MARKING  
PLAN - TAXIWAY**

**FOR BID**

NOV 18, 2021 2:02 PM HERN001562  
I:\21\JOBS\21A0070\CAD\AIRPORT\TAXIWAY\TAXIWAY.MRKG PLAN-TWY

Salem-Leckrone Airport

Salem Airport Authority  
1100 Airport Rd.  
Salem, IL 62881



DATE SIGNED: 11/19/2021 LICENSE EXPIRES: 2/28/2022

REHABILITATE A PORTION OF MAIN BITUMINOUS AIRCRAFT PARKING RAMP AND BITUMINOUS TAXIWAY

SBG No:  
3-17-SBGP-162/171  
IDA No: SLO-4893

Contract No. SA035

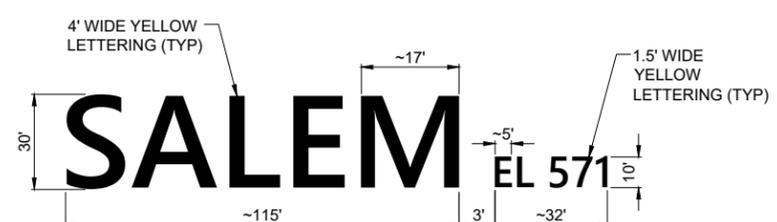
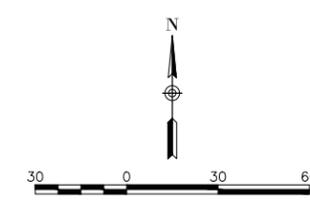
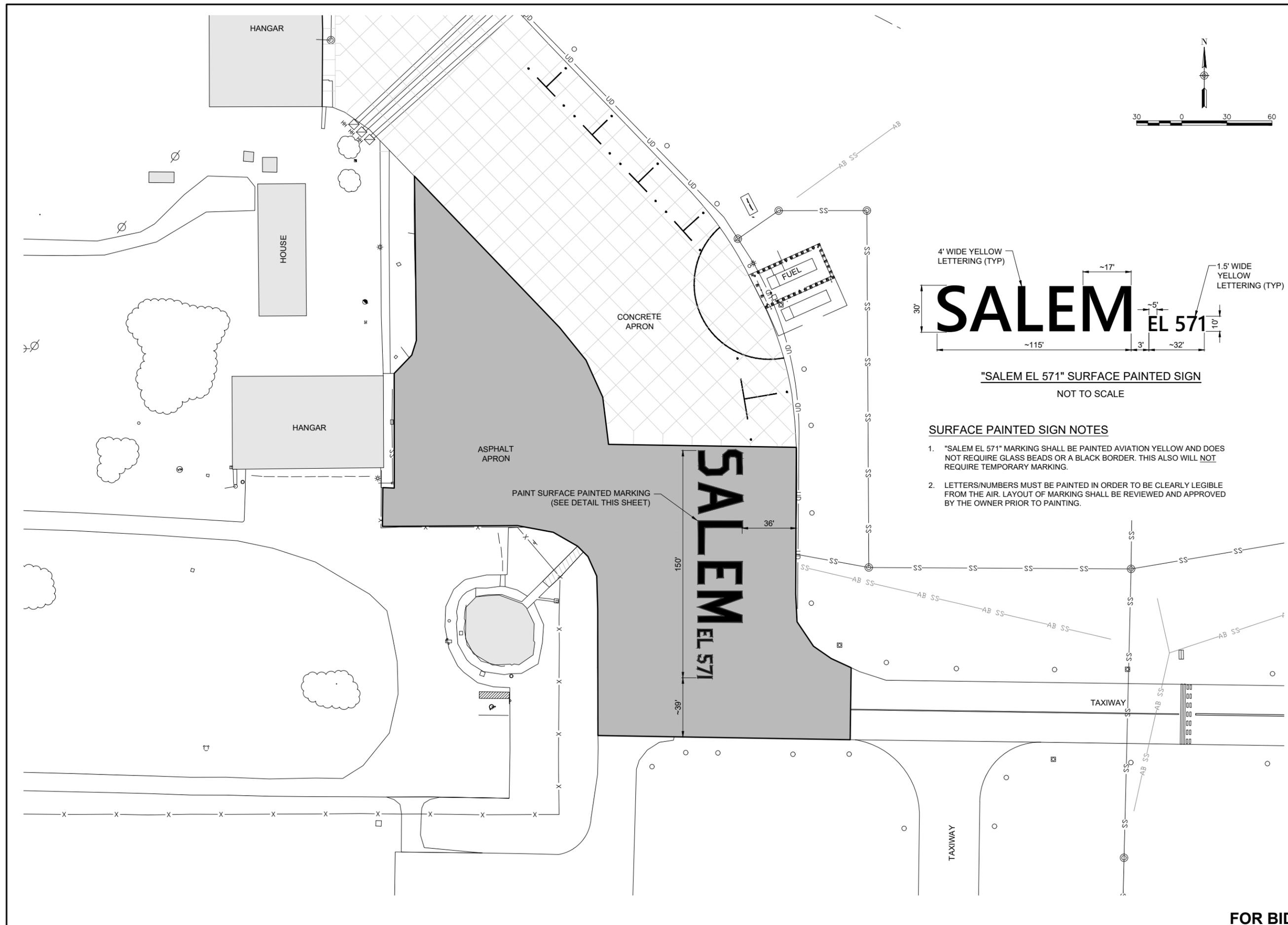
NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 19, 2021

PROJECT NO: 21A0070  
CAD FILE: C-MRKG PLAN-TWY.DWG  
DESIGN BY: DAW 10/12/2021  
DRAWN BY: MGL 10/12/2021  
REVIEWED BY: BSS 10/12/2021

SHEET TITLE

PROPOSED MARKING PLAN - APRON



"SALEM EL 571" SURFACE PAINTED SIGN  
NOT TO SCALE

SURFACE PAINTED SIGN NOTES

- "SALEM EL 571" MARKING SHALL BE PAINTED AVIATION YELLOW AND DOES NOT REQUIRE GLASS BEADS OR A BLACK BORDER. THIS ALSO WILL NOT REQUIRE TEMPORARY MARKING.
- LETTERS/NUMBERS MUST BE PAINTED IN ORDER TO BE CLEARLY LEGIBLE FROM THE AIR. LAYOUT OF MARKING SHALL BE REVIEWED AND APPROVED BY THE OWNER PRIOR TO PAINTING.

NOV 18, 2021 2:02 PM HERND01562  
I:\21\JOBS\21A0070\CAD\AIRPORT\SHEET\C-MRKG PLAN-TWY

FOR BID