

## CONSTRUCTION PLANS - FOR BID, ISSUED MARCH 3, 2023

# REHABILITATE RUNWAY 9-27

**BOARD OF EDGAR COUNTY  
EDGAR COUNTY AIRPORT (PRG)  
PARIS, EDGAR COUNTY, ILLINOIS**

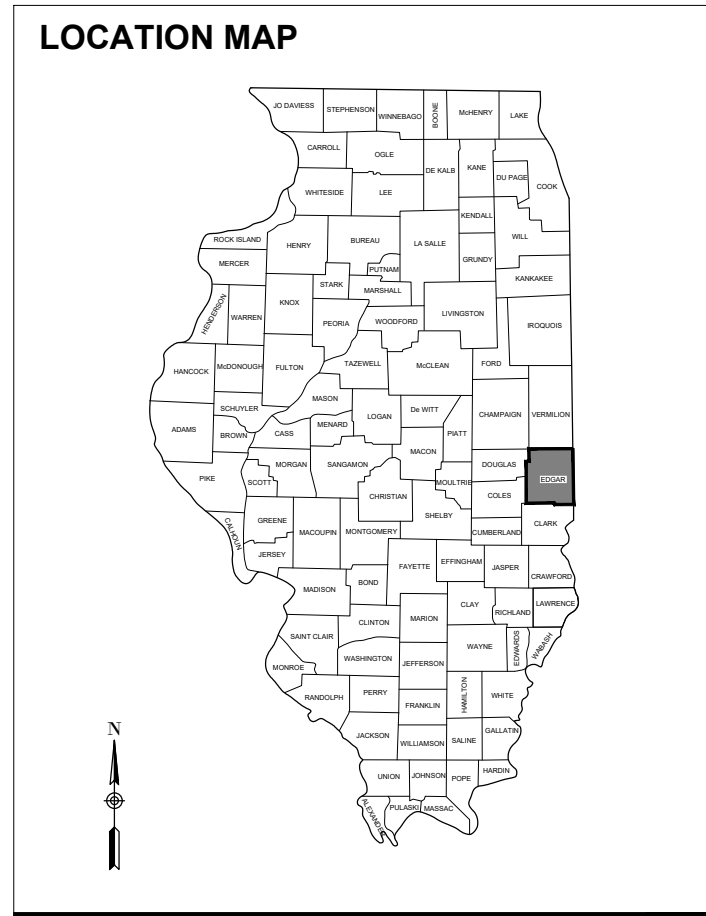
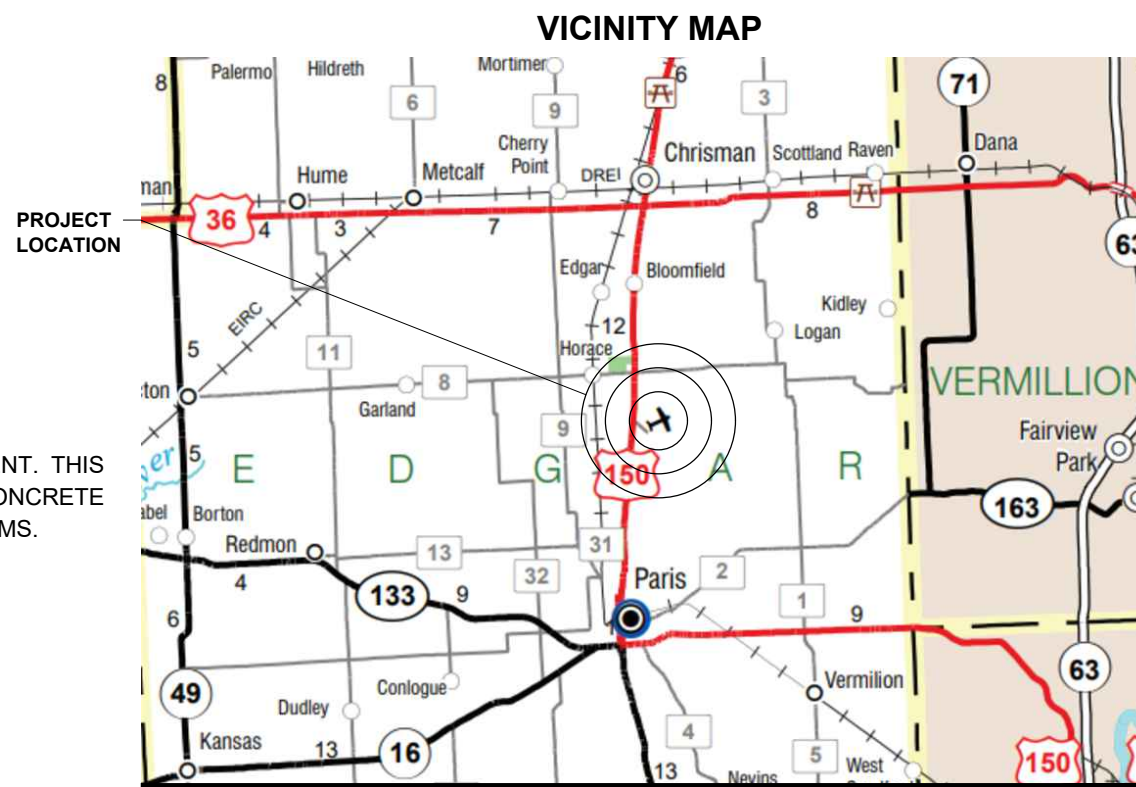
**IDA PROJECT NO. PRG-4968  
SBG PROJECT NO. 3-17-SBGP-TBD**

SCOPE OF WORK:

THIS PROJECT CONSISTS OF REHABILITATION OF THE RUNWAY 9/27 PAVEMENT. THIS PROJECT INCLUDES BITUMINOUS PAVEMENT MILLING, CRACK SEALING, CONCRETE JOINT REPAIR, BITUMINOUS PAVING, PAVEMENT MARKING, AND ASSOCIATED ITEMS.

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

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1525 S 6th St.  
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*Jay Herndon*  
Jaycen R. Herndon, P.E.  
Civil Engineer

*E.P. 11/30/23*  
**LICENSED PROFESSIONAL ENGINEER**  
JAYCEN R. HERNDON  
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3/3/2023  
Date

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*Jeffrey Young*

3/3/2023  
Date



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 #184-001084

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DATE SIGNED: 3/3/2023 LICENSE EXPIRES: 11/30/2023

**REHABILITATE  
 RUNWAY 9-27**

SBG No: 3-17-SBGP-TBD

IDA No: PRG-4968

Contract No. ED020

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: MARCH 3, 2023  
 PROJECT NO: 21A0097  
 CAD FILE: G-002-FLP.DWG  
 DESIGN BY: JRH 4/14/2022  
 DRAWN BY: KCD 4/14/2022  
 REVIEWED BY: BSS 6/9/2022

SHEET TITLE

**SUMMARY OF  
 QUANTITIES AND  
 INDEX TO SHEETS**

SUMMARY OF QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	AS-BUILT QUANTITY
AR150520	MOBILIZATION	L SUM	1	
AR201661	CLEAN & SEAL BITUMINOUS CRACKS	FOOT	20,000	
AR401614	BIT. SURF. CSE.-METHOD II, SUPERPAVE	TON	4,200	
AR401650	BITUMINOUS PAVEMENT MILLING	SQ YD	36,450	
AR501911	REMOVE AND REPLACE PCC PAVEMENT	SQ FT	24	
AR501922	PCC SPALL REPAIR	SQ FT	35	
AR603510	BITUMINOUS TACK COAT	GALLON	5,470	
AR605540	CLEAN & SEAL JOINTS	FOOT	6,800	
AR605541	CLEAN & SEAL CRACKS	FOOT	370	
AR620520	PAVEMENT MARKING-WATERBORNE	SQ FT	29,602	
AR620525	PAVEMENT MARKING-BLACK BORDER	SQ FT	6,548	
AR620590	TEMPORARY MARKING	SQ FT	29,602	
AR620900	PAVEMENT MARKING REMOVAL	SQ FT	8,485	

INDEX TO SHEETS	
SHEET NUMBER	SHEET TITLE
1	COVER SHEET
2	SUMMARY OF QUANTITIES AND INDEX TO SHEETS
3	SCOPE OF WORK
4	CONSTRUCTION SAFETY AND PHASING PLAN
5	CONSTRUCTION SAFETY NOTES & DETAILS SHEET 1
6	CONSTRUCTION SAFETY NOTES & DETAILS SHEET 2
7	PROPOSED TYPICAL SECTIONS
8	VARIABLE MILLING PLAN STA. 111+00 TO STA. 129+00
9	VARIABLE MILLING PLAN STA. 129+00 TO STA. 158+00
10	PROPOSED CONSTRUCTION PLAN STA. 111+00 TO STA. 129+00
11	PROPOSED CONSTRUCTION PLAN STA. 129+00 TO STA. 149+00
12	PROPOSED CONSTRUCTION PLAN STA. 149+00 TO STA. 158+00
13	PLAN & PROFILE STA. 111+00 TO STA. 119+00
14	PLAN & PROFILE STA. 119+00 TO STA. 129+00
15	PLAN & PROFILE STA. 129+00 TO STA. 139+00
16	PLAN & PROFILE STA. 139+00 TO STA. 148+00
17	PLAN & PROFILE STA. 148+00 TO STA. 158+00
18	PLAN & PROFILE - TURNAROUNDS
19	MARKING PLAN STA. 111+00 TO STA. 129+00
20	MARKING PLAN STA. 129+00 TO STA. 158+00
21	MARKING DETAILS AND NOTES
22	PROPOSED CROSS SECTIONS STA. 112+00 TO STA. 116+00
23	PROPOSED CROSS SECTIONS STA. 116+50 TO STA. 120+50
24	PROPOSED CROSS SECTIONS STA. 121+00 TO STA. 125+00
25	PROPOSED CROSS SECTIONS STA. 125+50 TO STA. 128+00
26	PROPOSED CROSS SECTIONS STA. 128+50 TO STA. 131+00
27	PROPOSED CROSS SECTIONS STA. 131+50 TO STA. 134+00
28	PROPOSED CROSS SECTIONS STA. 134+50 TO STA. 138+50
29	PROPOSED CROSS SECTIONS STA. 139+00 TO STA. 143+00
30	PROPOSED CROSS SECTIONS STA. 143+50 TO STA. 146+00
31	PROPOSED CROSS SECTIONS STA. 146+50 TO STA. 149+00
32	PROPOSED CROSS SECTIONS STA. 149+50 TO STA. 152+00
33	PROPOSED CROSS SECTIONS - RUNWAY 9 END TURNAROUND
34	PROPOSED CROSS SECTIONS - RUNWAY 27 END TURNAROUND

**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.

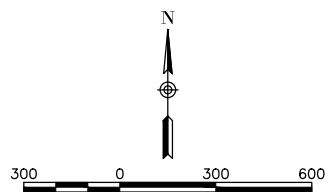
**CERTIFIED PAYROLLS**  
 THE RESIDENT ENGINEER/TECHNICIAN CANNOT FORWARD CONSTRUCTION REPORTS TO THE ILLINOIS DIVISION OF AERONAUTICS FOR PROCESSING UNTIL ALL CERTIFIED PAYROLLS FOR THE PERIOD HAVE BEEN RECEIVED.

**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.

**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 THEIR OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT. ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. **CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123.** CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

PRG CTAF/UNICOM FREQUENCY = 123.00 MHz



**LEGEND:**

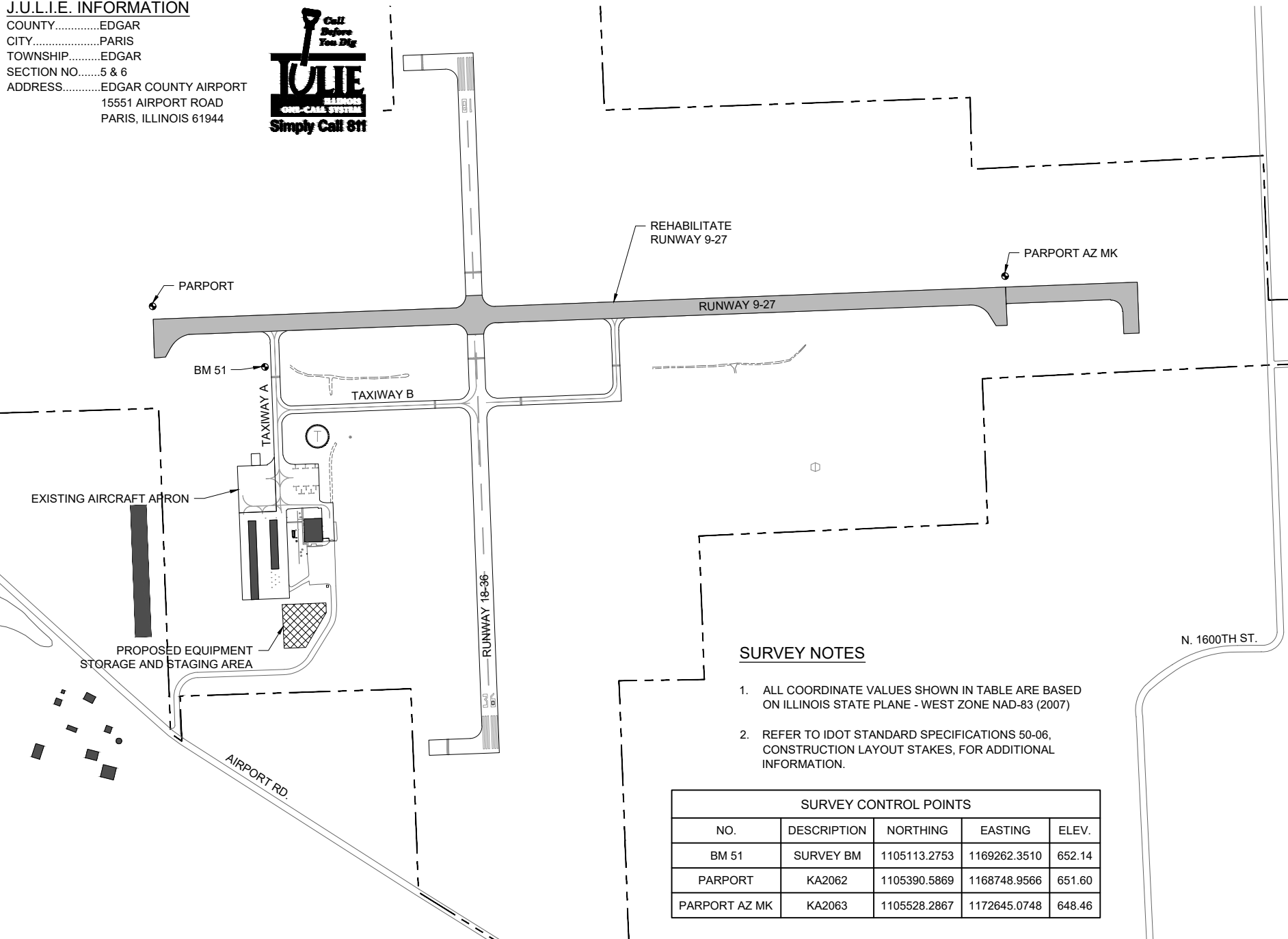
- EXISTING PAVEMENT
- EXISTING BUILDINGS
- PROPOSED IMPROVEMENTS
- RUNWAY PROTECTION ZONE (RPZ)
- AIRPORT PROPERTY LINE

**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. WORK FOR THIS PROJECT SHALL CONSIST OF, BUT IS NOT LIMITED TO, REHABILITATION OF RUNWAY 9/27 PAVEMENTS, INCLUDING PAVEMENT MILLING, ASPHALT OVERLAY, CRACK REPAIR, JOINT SEALING, PAVEMENT MARKING AND OTHER ASSOCIATED ITEMS.
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. 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.
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 CONSTRUCTION ENTRANCE AS SHOWN ON THE SCOPE OF WORK AND/OR SAFETY PHASING PLAN ARE ONLY TO BE USED FOR THE PROJECT. ACCESS TO THE PROJECT FOR ALL HAULING OF MATERIALS AND EQUIPMENT SHALL BE RESTRICTED TO THE DESIGNATED CONSTRUCTION ENTRANCE.
6. 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.
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 MULCHED, OR HYDROMULCH SEEDED, AT NO ADDITIONAL COST TO THE CONTRACT.
10. EXCESS EXCAVATION MATERIAL SHALL BE PLACED AT A LOCATION ON AIRPORT PROPERTY TO BE DETERMINED BY THE AIRPORT MANAGER. ALL OTHER WASTE MATERIAL SHALL BE HAULED FROM THE AIRPORT AND PROPERLY DISPOSED OF UNLESS OTHERWISE SPECIFIED HEREIN.
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 THEIR CONSTRUCTION EQUIPMENT OR PERSONNEL.
12. THE OWNER SHALL HAVE THE RIGHT OF FIRST REFUSAL FOR ALL SALVAGEABLE MATERIAL REMOVED ON THE PROJECT.
13. THE CONTRACTOR SHALL COORDINATE WITH THE RESIDENT ENGINEER/TECHNICIAN SO THEY MAY DEVELOP ONE SET OF RELINED 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 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 MULCHED SEEDED UNLESS OTHERWISE NOTED. STAGING AREA AND SITE ACCESS RESTORATION SHALL BE INCLUDED IN THE COST OF THE HAUL ROUTE.
16. 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.
17. THE CONTRACTOR MUST AT ALL TIMES MAINTAIN PROPER DRAINAGE FOR ALL AREAS AFFECTED BY THEIR WORK.

**J.U.L.I.E. INFORMATION**

COUNTY.....EDGAR  
 CITY.....PARIS  
 TOWNSHIP.....EDGAR  
 SECTION NO.....5 & 6  
 ADDRESS.....EDGAR COUNTY AIRPORT  
 15551 AIRPORT ROAD  
 PARIS, ILLINOIS 61944



**SURVEY NOTES**

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

SURVEY CONTROL POINTS				
NO.	DESCRIPTION	NORTHING	EASTING	ELEV.
BM 51	SURVEY BM	1105113.2753	1169262.3510	652.14
PARPORT	KA2062	1105390.5869	1168748.9566	651.60
PARPORT AZ MK	KA2063	1105528.2867	1172645.0748	648.46



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DATE SIGNED: 3/3/2023 LICENSE EXPIRES: 11/30/2023

**REHABILITATE RUNWAY 9-27**

SBG No: 3-17-SBGP-TBD

IDA No: PRG-4968

Contract No. ED020

NO.	DATE	DESCRIPTION		
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ISSUE: MARCH 3, 2023  
 PROJECT NO: 21A0097  
 CAD FILE: G-003-SOW.DWG  
 DESIGN BY: JRH 4/14/2022  
 DRAWN BY: KCD 4/14/2022  
 REVIEWED BY: BSS 6/9/2022

SHEET TITLE

**SCOPE OF WORK**

**FOR BID**

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ISSUE: MARCH 3, 2023  
PROJECT NO: 21A0097  
CAD FILE: G-004-SFY.DWG  
DESIGN BY: JRH 4/14/2022  
DRAWN BY: KCD 4/14/2022  
REVIEWED BY: BSS 6/9/2022

SHEET TITLE

CONSTRUCTION SAFETY AND PHASING PLAN

FOR BID

PHASING NOTES

- DUE TO THE NATURE AND SCOPE OF WORK, THE PROPOSED PROJECT WILL REQUIRE RUNWAY 9/27 AND RUNWAY 18/36 TO BE CLOSED FOR THE DURATION OF THE PROJECT AS NOTED BELOW. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING, PLACING, MAINTAINING, AND REMOVING THE CLOSURE CROSSES REQUIRED TO DELINEATE RUNWAY CLOSURES AS DETAILED ON THE SAFETY PLAN AND DETAIL SHEETS.
- PHASE 1:**
  - PHASE 1 INCLUDES BITUMINOUS PAVEMENT MILLING, CRACK SEALING, CONCRETE JOINT AND SPALL REPAIR, BITUMINOUS PAVING, TEMPORARY PAVEMENT MARKING, AND ASSOCIATED ITEMS WITHIN THE PROJECT LIMITS.
  - CONTRACTOR SHALL HAVE A TOTAL OF 14 CONSECUTIVE CALENDAR DAYS TO COMPLETE THE WORK IN THIS PHASE.
  - RUNWAY 9/27 AND RUNWAY 18/36 WILL BE CLOSED DURING THIS PHASE.
  - ALL EQUIPMENT MUST BE LOWERED WHEN NOT IN USE OR IN TRANSIT AND MAY NOT BE LEFT WITHIN 250' OF THE RUNWAY CENTERLINES, EXTENDED.
- PHASE 2:**
  - PHASE 2 INCLUDES PERMANENT PAVEMENT MARKING. A PERIOD OF 30 CALENDAR DAYS (MINIMUM) SHALL ELAPSE BETWEEN THE FINAL PLACEMENT OF THE BITUMINOUS SURFACE COURSE AND THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS. IF THERE ARE NO REMAINING WORK ITEMS BESIDES THE PERMANENT PAVEMENT MARKINGS, THE OVERALL CONTRACT TIME WILL BE SUSPENDED AND WILL RESUME FOR THE MARKING WORK.
  - CONTRACTOR SHALL HAVE A TOTAL OF 2 CONSECUTIVE CALENDAR DAYS TO COMPLETE THE WORK IN THIS PHASE.
  - RUNWAY 9/27 AND RUNWAY 18/36 WILL BE CLOSED DURING THIS PHASE.
  - ALL EQUIPMENT MUST BE LOWERED WHEN NOT IN USE OR IN TRANSIT AND MAY NOT BE LEFT WITHIN 250' OF THE RUNWAY CENTERLINES, EXTENDED.
- CLOSURE CROSSES AND BARRICADES SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION IN EACH PHASE AND SHALL BE REMOVED AT THE COMPLETION OF EACH PHASE.
- WHENEVER CONSTRUCTION ACTIVITY NECESSITATES CLOSURE OF A RUNWAY OR TAXIWAY, THE AIRFIELD LIGHTING ASSOCIATED WITH THE CLOSED PAVEMENT SHALL BE TURNED OFF OR COMPLETELY COVERED, INCLUDING THE EDGE LIGHTS, SIGNAGE AND RUNWAY NAVAIDS. IF NECESSARY, CONTRACTOR SHALL PROVIDE TEMPORARY AIRFIELD LIGHTING CIRCUIT JUMPER CABLES, CONDUIT ENCASED ABOVE GROUND, DURING CONSTRUCTION TO MAINTAIN EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE APPROVED BY THE AIRPORT MANAGER. CONTRACTOR SHALL COORDINATE CLOSURES WITH THE AIRPORT MANAGER AT LEAST 7 DAYS IN ADVANCE SO NOTAMS CAN BE COORDINATED. IT IS THE RESPONSIBILITY OF THE AIRPORT MANAGER TO ISSUE ALL REQUIRED NOTAMS.
- AT ALL TIMES, THE CONTRACTOR'S OPERATIONS SHALL BE SUCH AS TO MINIMIZE DISRUPTION TO AIRCRAFT OPERATIONS.
- ALL AIRCRAFT AND AIRPORT OPERATIONS HAVE THE RIGHT-OF-WAY. CONTRACTOR TO YIELD TO AIRPORT VEHICLES AND REMAIN CLEAR AT ALL TIMES.
- ALL ACTIVE AIRFIELD PAVEMENTS SHALL BE KEPT CLEAN AND FREE OF DEBRIS AT ALL TIMES DURING CONSTRUCTION.
- 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/CLOSURE CROSSES ON THE AIRFIELD, CONSTRUCTION/MAINTENANCE OF THE EQUIPMENT STAGING AREA AND HAUL ROUTE, AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150520 MOBILIZATION.

PROPOSED SAFETY PLAN

**GENERAL** - THE EDGAR COUNTY AIRPORT IS COMPRISED OF TWO RUNWAYS. THE PROPOSED CONSTRUCTION WILL NECESSITATE CLOSING THE RUNWAYS. ANY TIME THE CONTRACTOR IS WORKING WITHIN 125' OF THE RUNWAY CENTERLINE THE RUNWAY WILL BE CLOSED. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO TURN OFF AND TAG THE RESPECTIVE AIRFIELD LIGHTING CIRCUITS. THE CONTRACTOR SHALL PROVIDE AND INSTALL CLOSURE CROSSES PRIOR TO THE START OF CONSTRUCTION WITHIN 125' OF THE RUNWAY CENTERLINE.

**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 CRANE SHALL BE MARKED WITH A FLAG AS DESCRIBED ABOVE. THE CONTRACTOR WILL ALSO PROVIDE WORKERS WITH SOME TYPE OF TAG OR GARMENT TO IDENTIFY THE PERSON AS BEING PART OF THE CONSTRUCTION CREW.

**RADIO CONTROL** - THE CONTRACTOR WILL BE REQUIRED TO BE IN TWO-WAY RADIO CONTACT (123.00 MHz) WITH THE AIRPORT UNICOM. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE EDGAR COUNTY AIRPORT AND ENABLE THE AIRPORT TO IMMEDIATELY CONTACT THE CONTRACTOR IN CASE OF AN AERONAUTICAL EMERGENCY THAT WOULD REQUIRE ACTION BY THE CONTRACTOR AND/OR THEIR PERSONNEL.

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 AIRPORT AUTHORITY FOR APPROVAL PRIOR TO THE NTP ISSUANCE.

AIRPORT SECURITY NOTE

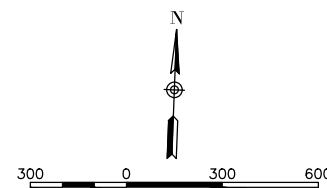
AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR WILL CLOSE THE EXISTING GATE AT THE END OF EACH WORKING DAY. THE CONTRACTOR WILL PROVIDE A CABLE AND 2 POSTS OR OTHER APPROVED METHOD TO PREVENT READY ACCESS TO THE HAUL ROUTE AND AIRFIELD PAVEMENTS.

HEIGHT OF CONSTRUCTION EQUIPMENT

THE MAXIMUM ANTICIPATED HEIGHT OF THE CONSTRUCTION EQUIPMENT WILL BE 25 FEET, WHICH IS EXPECTED TO BE A TRACTOR AND TRAILER FULLY EXTENDED OR A LINE TRUCK.

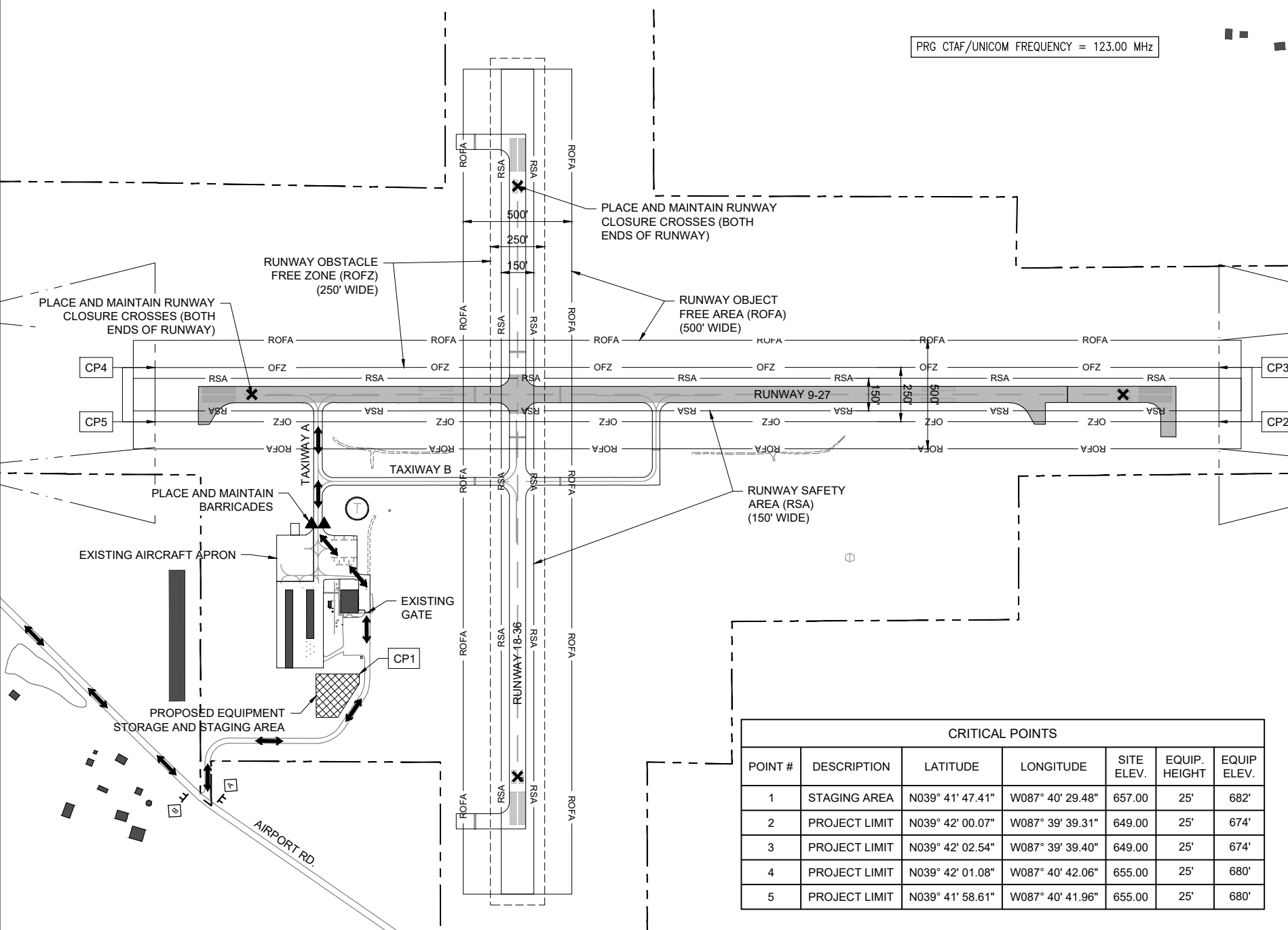
EROSION CONTROL

THIS PROJECT WILL NOT DISTURB MORE THAN 1 ACRE OF LAND, THEREFORE, A N.P.D.E.S. PERMIT WILL NOT BE REQUIRED.



LEGEND:

- EXISTING PAVEMENT
- EXISTING BUILDINGS
- PROPOSED IMPROVEMENTS
- PROPOSED HAUL ROUTE
- PROPOSED BARRICADES
- CONSTRUCTION SIGN



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 Telephone: 217.465.4151



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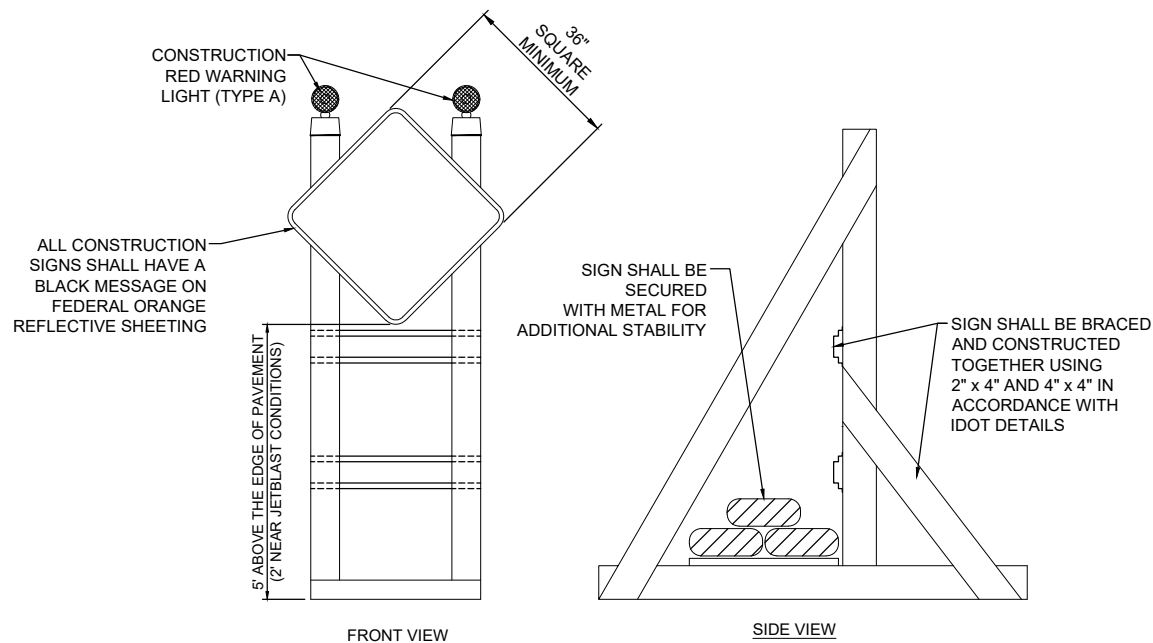
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SHEET TITLE

**CONSTRUCTION SAFETY NOTES & DETAILS SHEET 1**

**SAFETY NOTES**

- THE FOLLOWING NOTES 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 150/5370-2G (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 PRE-CONSTRUCTION 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 150/5210-5D, "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 CENTERLINE, WITHIN 93' OF ANY OTHER ACTIVE AIRPORT OPERATIONS AREA (EX. TAXIWAY), 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 150/5370-2G, "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 150/5370-2G, 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 TAXIWAY CENTERLINE WILL BE PERMITTED UNLESS APPROPRIATELY BACKFILLED OR COVERED. COVERING FOR OPEN TRENCHES MUST BE DESIGNED TO ALLOW SAFE OPERATIONS OF THE HEAVIEST AIRCRAFT OPERATING ON THE RUNWAY/TAXIWAY ACROSS THE TRENCH WITHOUT DAMAGING THE AIRCRAFT. 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 UNLESS 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 TRACKED 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 OR APRON, 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 AR150520 MOBILIZATION.



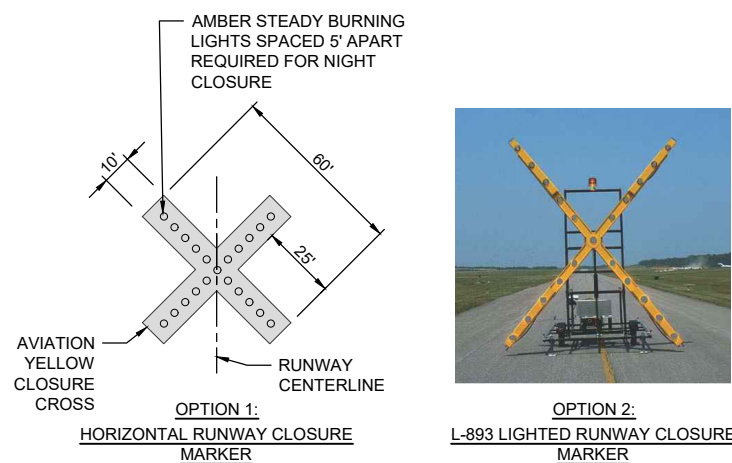
W20-3  
48" x 48" A



W20-3  
48" x 48" B

**CONSTRUCTION SIGNS**

NOT TO SCALE



**RUNWAY CLOSURE CROSS MARKER DETAIL**

NOT TO SCALE

**CLOSURE CROSS NOTES**

1. RUNWAY CLOSURE CROSS MARKINGS SHALL BE LIGHTED DURING DARKNESS AND PERIODS OF REDUCED VISIBILITY. THE LIGHTED MARKERS SHALL BE PLACED OVER THE RUNWAY NUMERALS OR IMMEDIATELY OFF THE END OF THE RUNWAY ON THE EXTENDED CENTERLINE, AS DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN.
2. THE CONTRACTOR SHALL PROVIDE THE RUNWAY CLOSURE CROSSES BY ONE OF TWO OPTIONS:  
  
OPTION 1: TEMPORARY CLOSURE CROSS MARKINGS SHALL BE CONSTRUCTED OF PLYWOOD, SNOW FENCE OR APPROVED FABRIC AND SHALL BE SECURED TO PAVEMENT BY SANDBAGS OR OTHER APPROVED METHOD.  
  
OPTION 2: THE CONTRACTOR SHALL PROVIDE TWO (2) L-893 LIGHTED RUNWAY CLOSURE MARKERS, MEETING THE REQUIREMENTS IN FAA ADVISORY CIRCULAR 150/5345-55 AND SHALL BE IN PLACE AND OPERATING WHENEVER THE RUNWAY IS CLOSED AND REMOVED WHEN THE RUNWAY IS RE-OPENED.
3. TAXIWAY CLOSURE CROSSES SHALL MEET OPTION 1 IN THE ABOVE NOTE.
4. THE CONTRACTOR SHALL MAKE FREQUENT INSPECTION OF THE LIGHTED CROSSES AND MAKE PROMPT REPAIRS AS NECESSARY.
5. THE CONTRACTOR SHALL BE ON-CALL FOR 24-HOUR EMERGENCY MAINTENANCE WHEN LIGHTED CROSSES ARE BEING USED.
6. LIGHTED MARKERS SHALL BE SECURED FROM WIND EFFECTS BY THE CONTRACTOR AS RECOMMENDED BY THE MANUFACTURER.
7. COST FOR PROVIDING, PLACING, OPERATING, MAINTAINING, RELOCATING AND REMOVING CLOSURE CROSSES SHALL BE INCLUDED IN THE COST OF MOBILIZATION.



DATE SIGNED: 3/3/2023 LICENSE EXPIRES: 11/30/2023

**REHABILITATE RUNWAY 9-27**

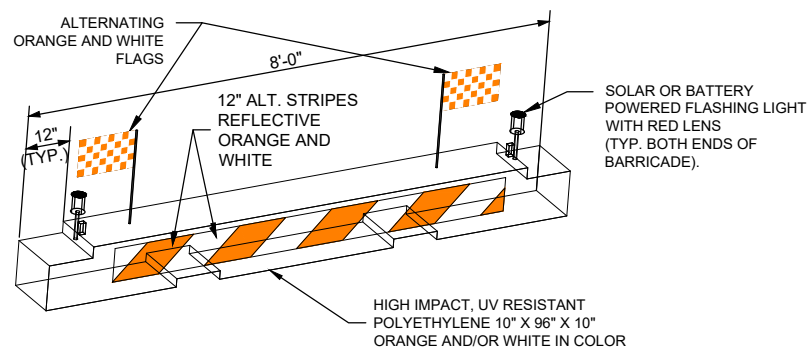
SBG No: 3-17-SBGP-TBD

IDA No: PRG-4968

Contract No. ED020

**BARRICADE NOTES**

1. 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. BARRICADES SHALL BE "LOW-PROFILE" WITH A MAXIMUM HEIGHT OF 18" ABOVE GROUND, EXCLUSIVE OF ASSOCIATED WARNING LIGHTS AND FLAGS.
3. BARRICADES SHALL BE SPACED END TO END THE WIDTH OF THE PAVEMENT, WITH GAPS BETWEEN BARRICADES NOT TO EXCEED 4' WIDE. BARRICADES ARE TO BE SET BACK 66' FROM THE ACTIVE TAXIWAY CENTERLINE OR AS SHOWN ON THE PLANS.
4. 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.
5. THE LIGHTING SHALL BE MAINTAINED IN OPERATION DURING THE HOURS OF DARKNESS BETWEEN 1/2 HOUR BEFORE SUNSET AND 1/2 HOUR AFTER SUNRISE AND WHEN CONDITIONS EXIST WHICH TEND TO OBSCURE VISION.
6. BARRICADES SHALL BE SECURED TO THE GROUND BY APPROVED METHODS TO PREVENT MOVEMENT BY PROP WASH, JET BLAST OR OTHER WIND CURRENTS.
7. 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.
8. COST FOR PROVIDING, PLACING, MAINTAINING, AND REMOVING BARRICADES SHALL BE PAID FOR UNDER ITEM AR150520 - MOBILIZATION.



**LOW-PROFILE BARRICADE DETAIL**

NOT TO SCALE

DETAIL ABOVE REPRESENTS ONE OPTION FOR LOW-PROFILE BARRICADES. OTHER OPTIONS MAY BE UTILIZED AS LONG AS THEY MEET THE REQUIREMENTS OF THE PROJECT, INCLUDING BARRICADE NOTE 1.

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: MARCH 3, 2023  
PROJECT NO: 21A0097  
CAD FILE: G-004-SFY.DWG  
DESIGN BY: JRH 4/14/2022  
DRAWN BY: KCD 4/14/2022  
REVIEWED BY: BSS 6/9/2022

SHEET TITLE

**CONSTRUCTION SAFETY NOTES & DETAILS SHEET 2**

**FOR BID**



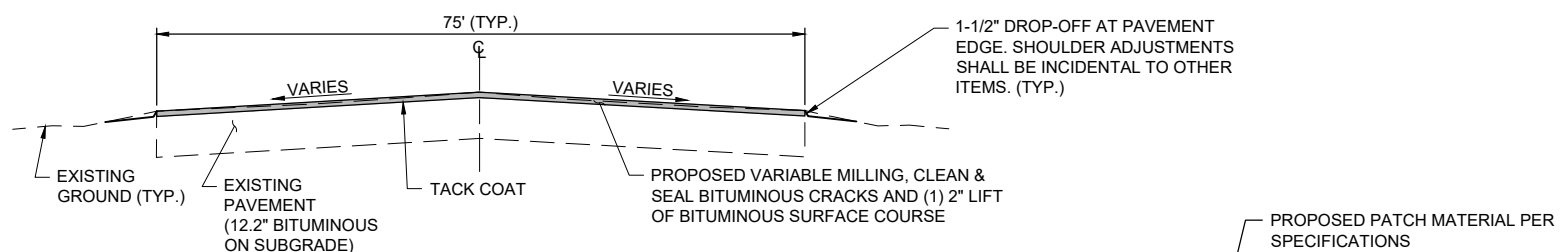
NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: MARCH 3, 2023  
 PROJECT NO: 21A0097  
 CAD FILE: C-301-TYP.DWG  
 DESIGN BY: JRH 4/14/2022  
 DRAWN BY: KCD 4/14/2022  
 REVIEWED BY: BSS 6/9/2022

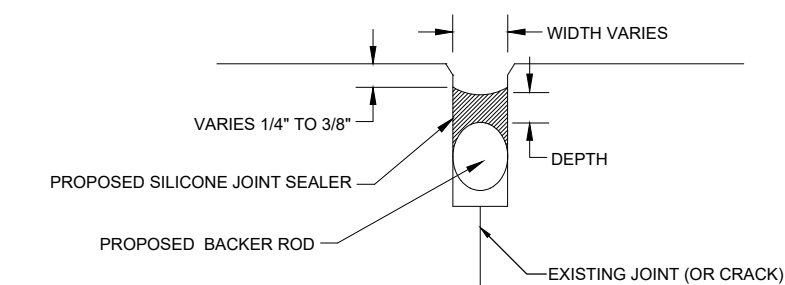
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PROPOSED TYPICAL  
 SECTIONS

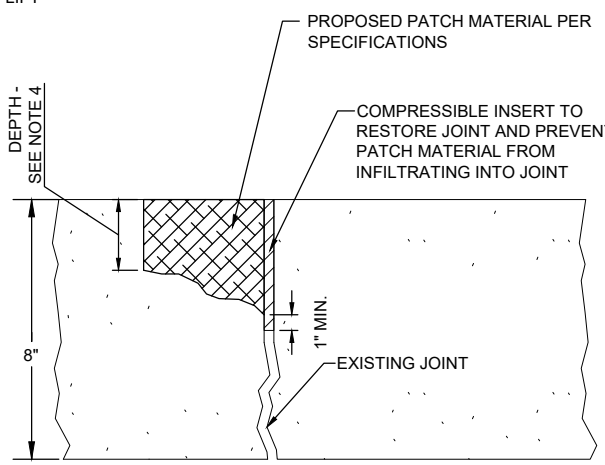
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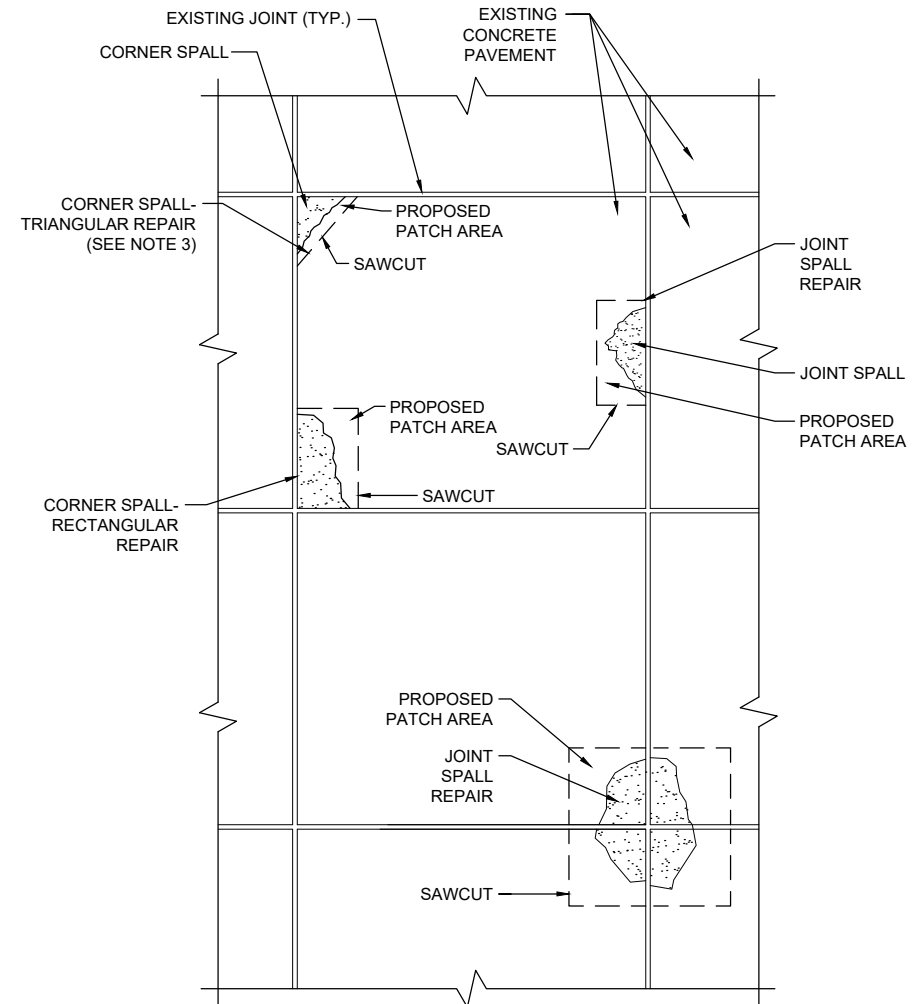
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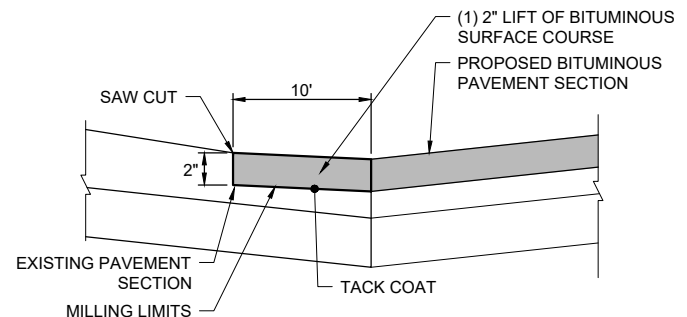
**CONCRETE JOINT CLEANING AND SEALING DETAIL**  
 NOT TO SCALE



**PARTIAL DEPTH SPALL REPAIR**  
 SECTION VIEW  
 NOT TO SCALE



**PARTIAL DEPTH SPALL REPAIR**  
 PLAN VIEW  
 NOT TO SCALE



**BUTT JOINT DETAIL**  
 NOT TO SCALE

**NOTES:**

- JOINT WIDTH AND DEPTH WILL VARY DUE TO EXISTING CONDITIONS AND SAWING AND CLEANING OPERATIONS.
- JOINTS SHALL BE RESHAPED TO A DEPTH TO WIDTH RATIO OF 0.5 FOR SILICONE SEALANTS ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

$\frac{DEPTH}{WIDTH} = 0.5$

SEE TABLE FOR BACKER ROD SIZE.

RESERVOIR WIDTH	BACKER ROD DIAMETER
1/8" TO 7/8"	RESERVOIR WIDTH + 1/8"
1" TO 1-1/4"	RESERVOIR WIDTH + 1/4"
1-1/2" OR MORE	RESERVOIR WIDTH + 1/2"

**JOINT CLEANING AND SEALING NOTES**

- THE EXISTING CONCRETE PAVEMENT JOINTS ON THE RUNWAY 27 END, AS SHOWN ON THE CONSTRUCTION PLAN, SHALL BE CLEANED AND RESEALED IN ACCORDANCE WITH THE SPECIFICATIONS AND THESE PLANS.
- THE EXISTING TRANSVERSE JOINTS VARY APPROXIMATELY FROM 3/8" TO 1-1/2" IN WIDTH. THE EXISTING LONGITUDINAL JOINTS VARY APPROXIMATELY 3/8" TO 1-1/2" IN WIDTH.
- THE TYPE OF JOINT SEALER TO BE REMOVED FROM THE TRANSVERSE AND LONGITUDINAL JOINTS VARIES BETWEEN SILICONE SEALER AND HOT-POURED SEALER ALONG THE TAXIWAY.
- THE CONTRACTOR SHALL USE JOINT SEALANT MEETING TECHNICAL PROVISION ITEM P-605 TO RESEAL THE JOINTS. THE JOINT PREPARATION SHALL INCLUDE THE REMOVAL OF OLD SEALANT, SANDBLASTING THE JOINTS, CLEANING THE JOINTS, INSTALLATION OF BACKER ROD, AND INSTALLATION OF SILICONE SEALANT IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND THE MANUFACTURER'S RECOMMENDATION.
- THE CONTRACTOR WILL BE REQUIRED TO REPAIR ANY JOINTS DAMAGED BY HIS OPERATIONS OR REPLACE ANY MATERIAL FOUND OUT OF SPECIFICATION DURING THE SEALING OPERATION AT HIS OWN EXPENSE.
- THE RESIDENT PROJECT REPRESENTATIVE SHALL EXAMINE THE WORK FOR THE FOLLOWING FEATURES:
  - JOINT FACE IS CLEAN AND DRY BEFORE SEALANT APPLICATION.
  - NO BACKER MATERIAL IS DAMAGED OR FLOATING IN THE SEALANT.
  - JOINTS ARE NOT UNDERFILLED OR OVERFILLED.
  - SEALANT HAS ADHERED TO THE FACE OF THE JOINT.
  - SPILLED SEALANT HAS BEEN REMOVED.
  - NO DEBRIS IS LEFT ON THE PAVEMENT SURFACE.

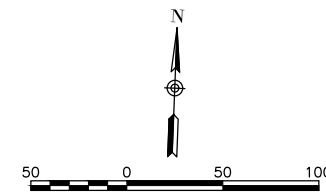
**PARTIAL DEPTH SPALL REPAIR NOTES**

PARTIAL DEPTH SPALL REPAIR SHALL CONSIST OF THE REPAIR OF MINOR CRACKS AND SPALLING AT SLAB CORNERS AND ALONG JOINTS IN THE CONCRETE PAVEMENT. THE DETERIORATED CONCRETE WILL BE REMOVED, THE PATCH AREA CLEANED, AND PATCH MATERIAL PLACED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. THE CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S WRITTEN INSTRUCTIONS FOR HANDLING, MIXING, PLACEMENT, CONSOLIDATION, SCREEDING, AND CURING OF THE PATCHING MATERIAL.

- REPAIR DETAILS SHOWN ARE INTENDED FOR REMOVAL AND REPLACEMENT OF ALL DETERIORATED CONCRETE AND TO MAINTAIN THE AREA OF THE SPALL REPAIR TO THE MINIMUM PRACTICAL SIZE TO ENSURE A LASTING REPAIR WHILE AVOIDING UNNECESSARY REMOVAL OF SOUND CONCRETE. ALL PAVEMENT REPAIR AREAS WILL BE MARKED BY THE RESIDENT PROJECT REPRESENTATIVE AT THE TIME OF CONSTRUCTION.
- THE CONTRACTOR SHALL SCHEDULE HIS OPERATIONS IN SUCH A MANNER AS TO ONLY REPAIR THOSE AREAS WHICH CAN BE COMPLETED BY THE END OF EACH WORK PERIOD.
- THE RESIDENT PROJECT REPRESENTATIVE WILL MARK OUT THE REMOVAL LIMITS FOR THE AREA TO BE REPAIRED. A 2" (MIN.) DEPTH CUT SHALL BE MADE AROUND THE PERIMETER OF THE PATCH AREA TO PROVIDE A VERTICAL FACE AT THE EDGE AND SUFFICIENT DEPTH FOR THE PATCH. FOR CORNER SPALLS, THE REPAIR SHALL BE TRIANGULAR-SHAPED TO MINIMIZE THE SIZE OF THE REPAIR AREA, UNLESS MARKED OTHERWISE BY THE RESIDENT PROJECT REPRESENTATIVE.
- PAVEMENT AND UNSOUND CONCRETE WITHIN SAWCUTS SHALL BE BROKEN OUT AND REMOVED TO A DEPTH NOT LESS THAN 2 IN., OR 1/2 IN. INTO VISUALLY SOUND CONCRETE, WHICHEVER IS DEEPER. EXPOSED CAVITY SURFACES SHALL BE CLEANED AS SPECIFIED. IN REMOVING THE CONCRETE WITHIN THE PATCH AREA, THE CONTRACTOR SHALL BE CAUTIOUS AS TO NOT DAMAGE OR FRACTURE THE CONCRETE BELOW THE REQUIRED DEPTH. ANY DAMAGE WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- AFTER REMOVAL OF THE CONCRETE, THE SURFACE OF THE PATCH AREA SHALL BE PREPARED AND THE PATCH COMPLETED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND THE PROJECT SPECIFICATIONS.
- WHERE SPALL REPAIRS ARE REQUIRED ON EACH SIDE OF A JOINT OR CRACK, THE SPALL SHALL BE REPAIRED PRIOR TO JOINT CLEANING AND SEALING OPERATIONS. UNDER NO CIRCUMSTANCE WILL A SPALL REPAIR BRIDGE A JOINT OR CRACK UNLESS THE JOINT IS THEN RE-ESTABLISHED ACROSS THE NEW SPALL REPAIR MATERIAL, WHICH SHALL BE CONSIDERED INCIDENTAL TO THE SPALL REPAIR CONSTRUCTION.
- THE "RUN-OUT" OF THE SAW CUTS INTO THE EXISTING SLAB SHALL BE FILLED WITH THE SAME SILICONE SEALANT AS USED IN THIS PROJECT FOR RESEALING THE JOINTS. NO ADDITIONAL PAYMENT WILL BE MADE FOR SEALING THE "RUN-OUT" SAW CUT AREAS.
- ALL REPAIR AREAS SHALL EXTEND A MINIMUM OF 1 INCH PAST THE SPALL OR CRACK REPAIR AREA INTO SOUND CONCRETE.

**BUTT JOINT CONSTRUCTION NOTES**

- ALL BITUMINOUS PAVEMENT MILLING AREAS FOR PROPOSED BUTT JOINTS WILL BE LOCATED AND MARKED BY THE RESIDENT ENGINEER/TECHNICIAN.
- THE PAVEMENT SURFACE WILL THEN BE MILLED TO A DEPTH OF 2 INCHES AT THE BUTT END AND WILL TAPER TO A 2 INCH DEPTH WHEN MEASURED FROM THE PROPOSED PAVEMENT SURFACE AT THE OPPOSITE END. THE PLANER MUST BE CAPABLE OF MILLING THE SURFACE TO THE DESIRED ELEVATIONS AND GRADES.
- ANY ADJACENT PAVEMENT DAMAGED BY THE MILLING OPERATIONS WILL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE.
- BUTT JOINTS WILL BE PAVED WITH THE RESPECTIVE LIFTS OF SURFACE COURSE ON RUNWAY.
- THE MILLING, TACK COAT AND BITUMINOUS PAVING SHALL BE PAID FOR UNDER THEIR RESPECTIVE PAY ITEMS. THE SAW-CUT AND OTHER ASSOCIATED WORK SHALL BE INCIDENTAL.



**LEGEND:**

EXISTING IMPROVEMENTS

**NOTES:**

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.



DATE SIGNED: 3/3/2023 LICENSE EXPIRES: 11/30/2023

**REHABILITATE RUNWAY 9-27**

SBG No: 3-17-SBGP-TBD

IDA No: PRG-4968

Contract No. ED020

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: MARCH 3, 2023

PROJECT NO: 21A0097

CAD FILE: C-111-PRP.DWG

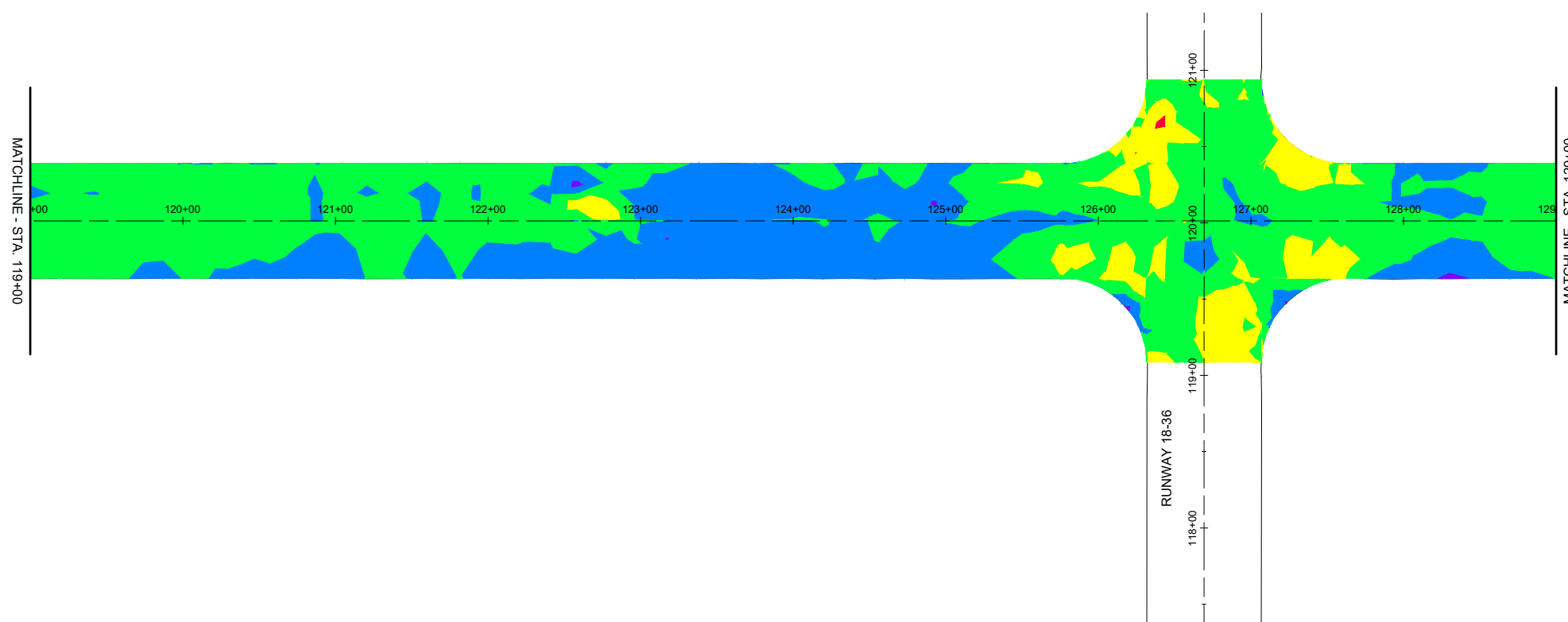
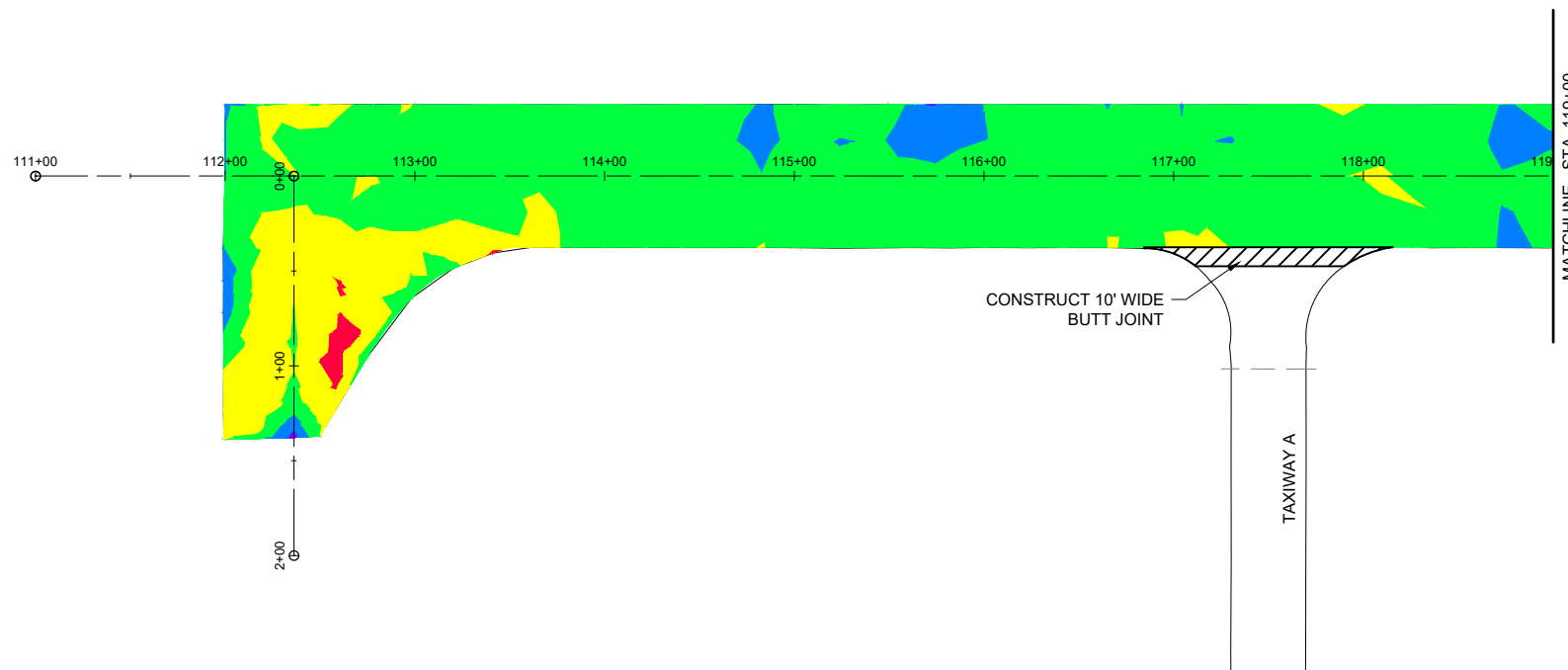
DESIGN BY: JRH 4/14/2022

DRAWN BY: JRH 4/14/2022

REVIEWED BY: BSS 6/9/2022

SHEET TITLE

VARIABLE MILLING  
PLAN STA. 111+00 TO  
STA. 129+00

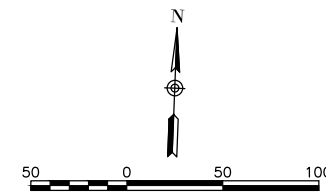


NOTE: THIS PLAN SHEET IS INTENDED TO BE PRINTED IN COLOR FOR BEST VISIBILITY.

NUMBER	MAX. MILL DEPTH	MIN. MILL DEPTH	COLOR
1	-3.7"	-3.0"	Red
2	-3.0"	-2.0"	Yellow
3	-2.0"	-1.0"	Green
4	-1.0"	0.0"	Blue
5	0.0"	0.5"	Purple

**FOR BID**





**LEGEND:**

EXISTING IMPROVEMENTS

**NOTES:**

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.



DATE SIGNED: 3/3/2023 LICENSE EXPIRES: 11/30/2023

**REHABILITATE RUNWAY 9-27**

SBG No: 3-17-SBGP-TBD

IDA No: PRG-4968

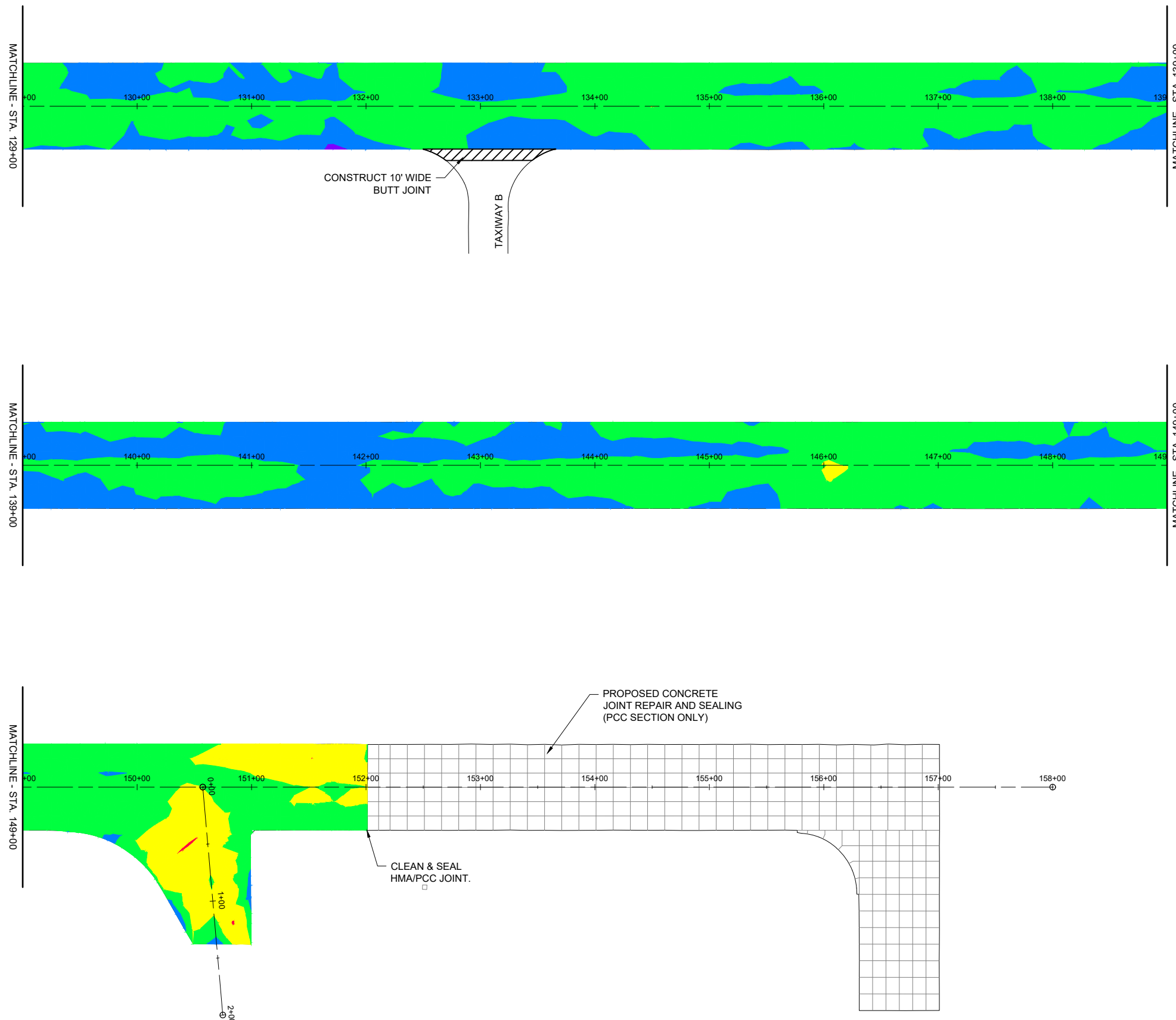
Contract No. ED020


NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: MARCH 3, 2023  
PROJECT NO: 21A0097  
CAD FILE: C-111-PRP.DWG  
DESIGN BY: JRH 4/14/2022  
DRAWN BY: JRH 4/14/2022  
REVIEWED BY: BSS 6/9/2022

SHEET TITLE

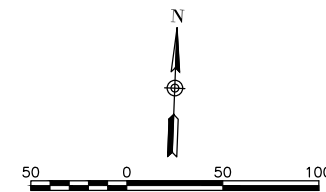
VARIABLE MILLING  
PLAN STA. 129+00 TO  
STA. 158+00



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

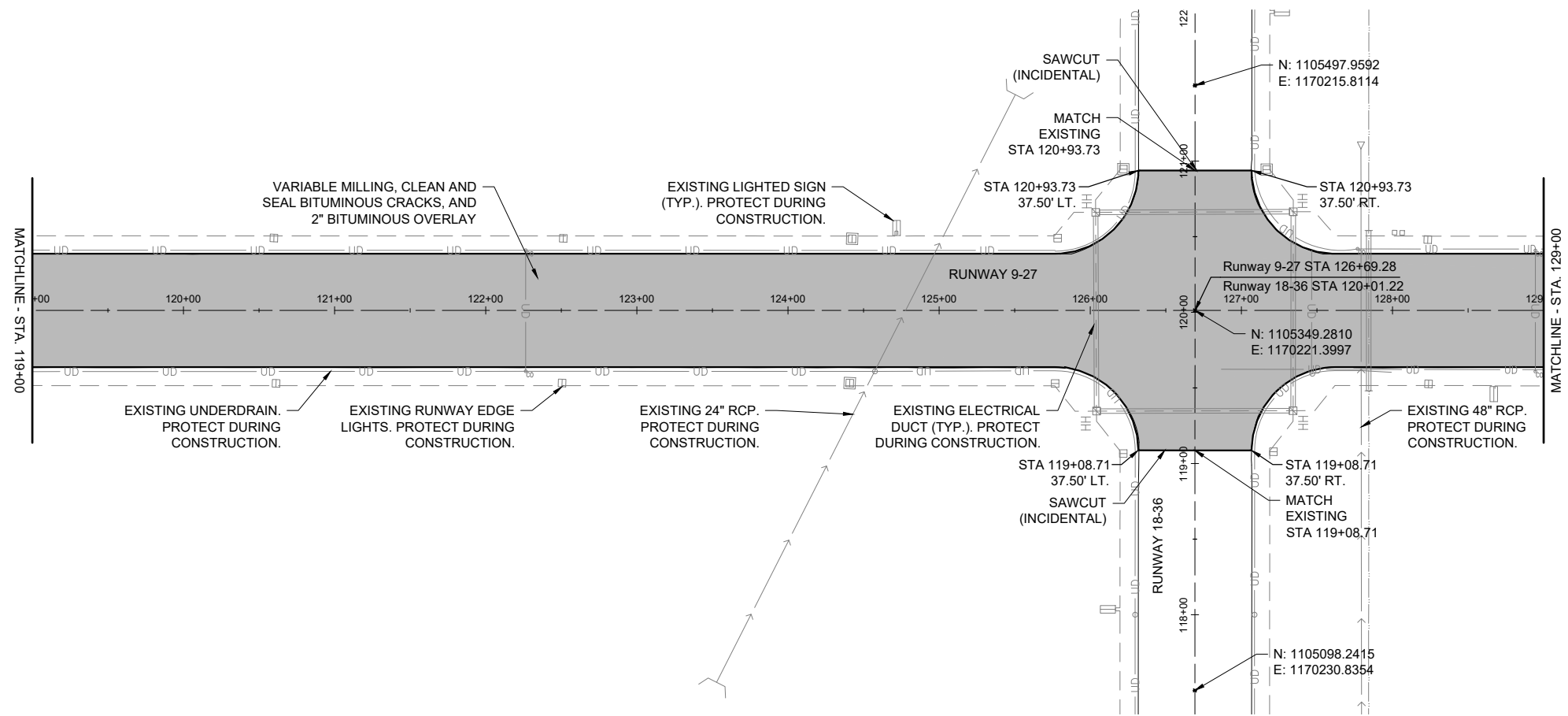
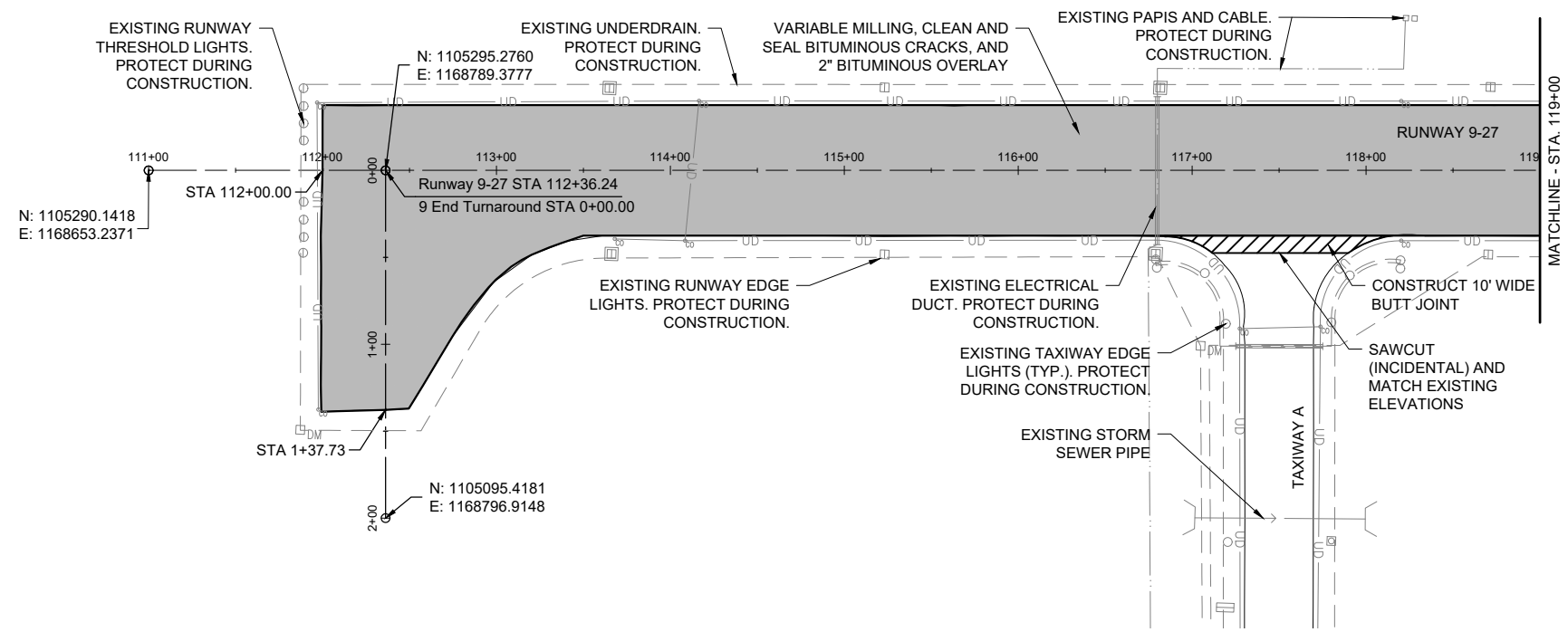
NUMBER	MAX. MILL DEPTH	MIN. MILL DEPTH	COLOR
1	-3.7"	-3.0"	Red
2	-3.0"	-2.0"	Yellow
3	-2.0"	-1.0"	Green
4	-1.0"	0.0"	Blue
5	0.0"	0.5"	Purple

**FOR BID**



**LEGEND:**

- EXISTING PAVEMENTS
- PROPOSED PAVEMENT
- PROPOSED BUTT JOINT
- EXISTING UNDERDRAIN
- EXISTING STORM PIPE
- EXISTING ELECTRICAL CABLE
- EXISTING LIGHTS
- EXISTING ELECTRICAL DUCT



DATE SIGNED: 3/3/2023 LICENSE EXPIRES: 11/30/2023

**REHABILITATE  
RUNWAY 9-27**

SBG No: 3-17-SBGP-TBD

IDA No: PRG-4968

Contract No. ED020


NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: MARCH 3, 2023

PROJECT NO: 21A0097

CAD FILE: C-121-CON.DWG

DESIGN BY: JRH 5/2/2022

DRAWN BY: KCD 5/2/2022

REVIEWED BY: BSS 6/9/2022

SHEET TITLE

**PROPOSED  
CONSTRUCTION  
PLAN STA. 111+00 TO  
STA. 129+00**

**FOR BID**



DATE SIGNED: 3/3/2023 LICENSE EXPIRES: 11/30/2023

**REHABILITATE  
RUNWAY 9-27**

SBG No: 3-17-SBGP-TBD

IDA No: PRG-4968

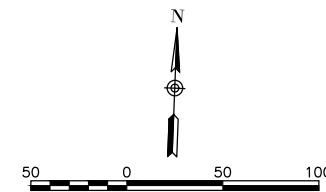
Contract No. ED020

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

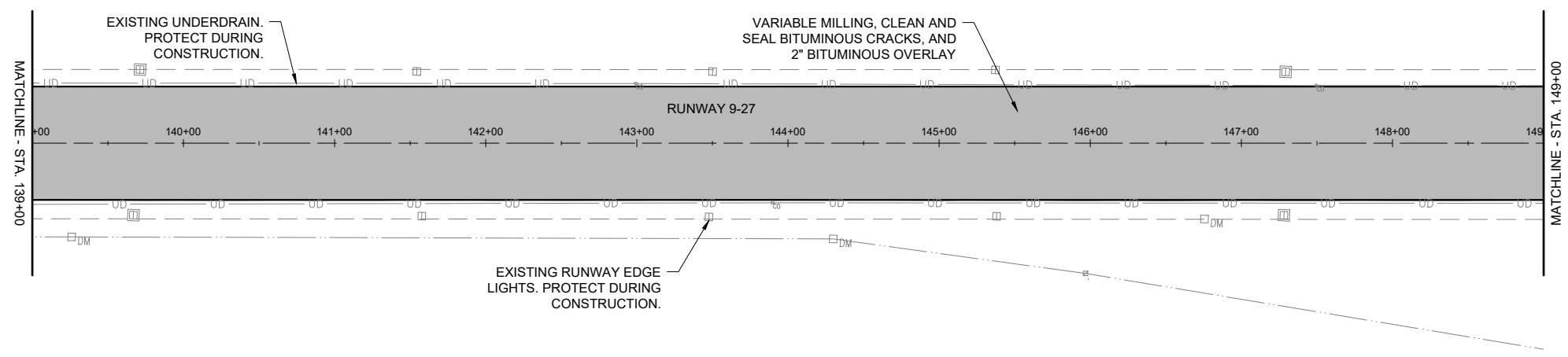
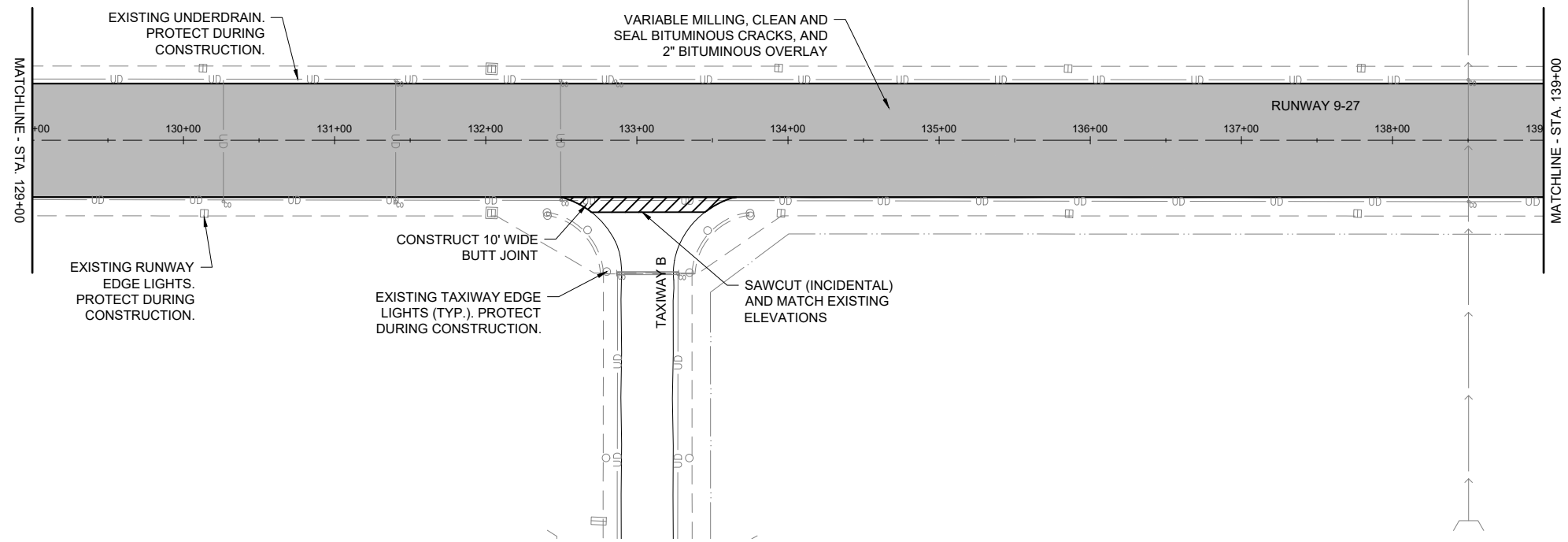
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PROJECT NO: 21A0097  
CAD FILE: C-121-CON.DWG  
DESIGN BY: JRH 5/2/2022  
DRAWN BY: KCD 5/2/2022  
REVIEWED BY: BSS 6/9/2022

SHEET TITLE

**PROPOSED  
CONSTRUCTION  
PLAN STA. 129+00 TO  
STA. 149+00**



- LEGEND:**
- EXISTING PAVEMENTS
  - PROPOSED PAVEMENT
  - PROPOSED BUTT JOINT
  - EXISTING UNDERDRAIN
  - EXISTING STORM PIPE
  - EXISTING ELECTRICAL CABLE
  - EXISTING LIGHTS
  - EXISTING ELECTRICAL DUCT



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**FOR BID**



DATE SIGNED: 3/3/2023 LICENSE EXPIRES: 11/30/2023

**REHABILITATE  
RUNWAY 9-27**

SBG No: 3-17-SBGP-TBD

IDA No: PRG-4968

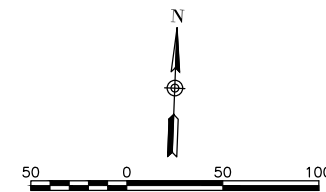
Contract No. ED020


NO.	DATE	DESCRIPTION		
		DES	DWN	REV

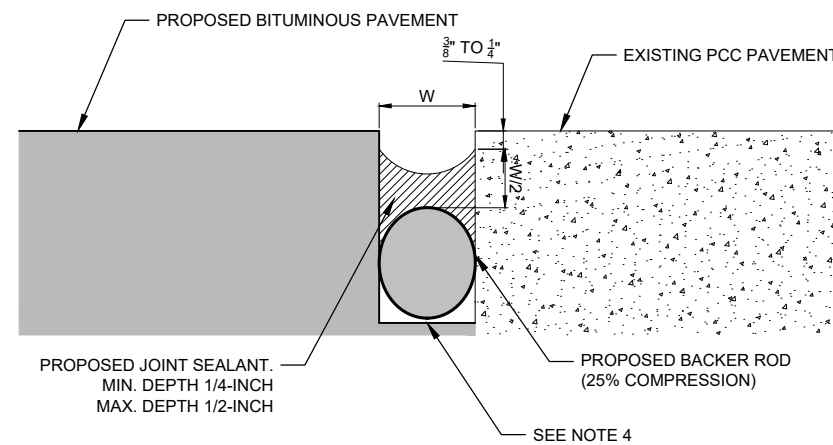
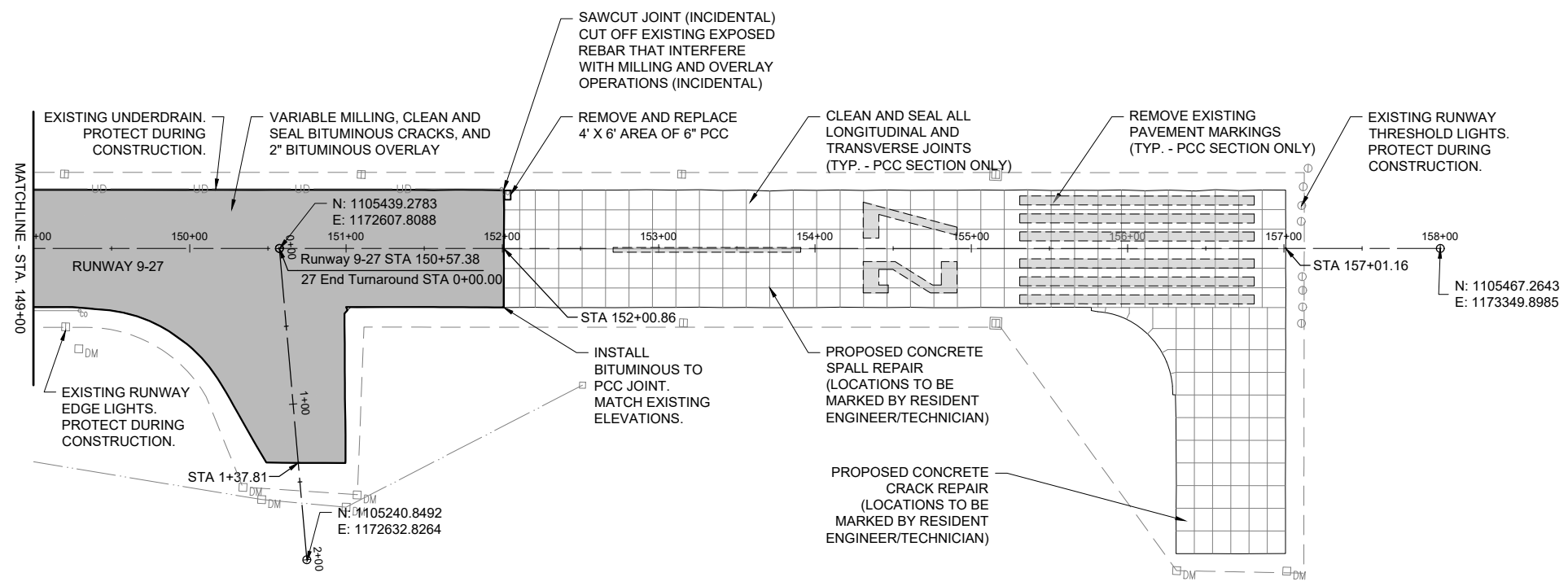
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PROJECT NO: 21A0097  
CAD FILE: C-121-CON.DWG  
DESIGN BY: JRH 5/2/2022  
DRAWN BY: KCD 5/2/2022  
REVIEWED BY: BSS 6/9/2022

SHEET TITLE

**PROPOSED  
CONSTRUCTION  
PLAN STA. 149+00 TO  
STA. 158+00**



- LEGEND:**
- EXISTING PAVEMENTS
  - PROPOSED PAVEMENT
  - PROPOSED MARKING REMOVAL
  - PROPOSED BUTT JOINT
  - EXISTING UNDERDRAIN
  - EXISTING STORM PIPE
  - EXISTING ELECTRICAL CABLE
  - EXISTING LIGHTS
  - EXISTING ELECTRICAL DUCT

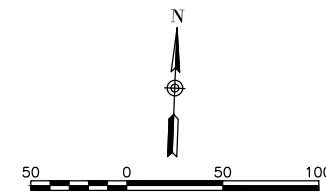


**BITUMINOUS TO PCC JOINT SEALING DETAIL**

NOT TO SCALE

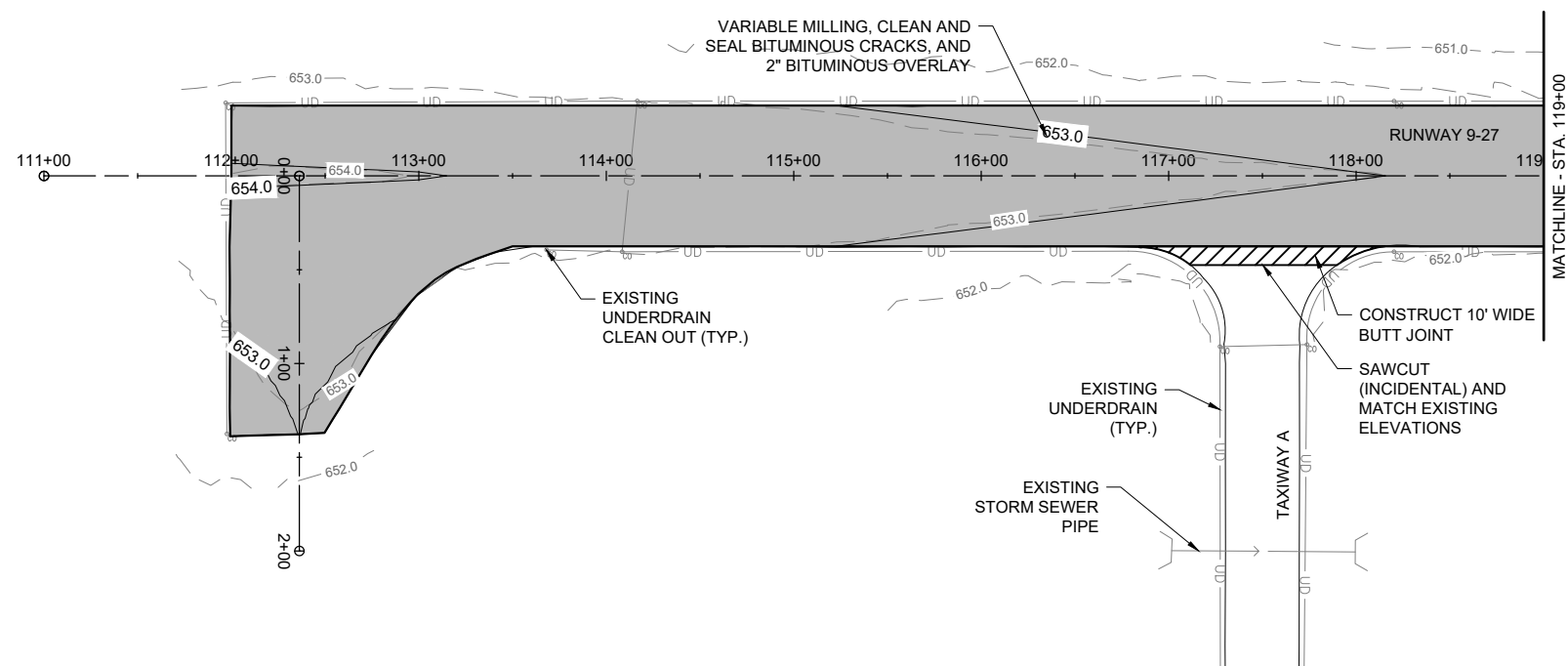
**NOTES:**

1. SEALANT SHALL MEET SPECIFICATIONS ITEM 605.
2. SEALANT SHALL BE RECESSED A MINIMUM 3/8-INCH TO 1/4-INCH BELOW PAVEMENT (BASED ON DEPTH OF LOWEST SLAB).
3. JOINT SHALL HAVE A DEPTH/WIDTH RATIO OF 0.5 OR AS SPECIFIED BY THE MANUFACTURER.
4. A SHALLOW CUT MAY BE USED WHERE THE BACKER ROD IS PLACED AT THE BOTTOM OF THE JOINT.
5. BACKER ROD SIZING SHALL BE BASED ON THE MANUFACTURER'S RECOMMENDATION.
6. ASPHALT MUST BE COMPLETELY REMOVED FROM CONCRETE FACE.
7. NEW ASPHALT PAVEMENT MUST BE CLEAN, DRY, AND CURED. CURE TIME WILL BE BASED ON THE RESIDENT ENGINEER'S APPROVAL.



**LEGEND:**

- EXISTING PAVEMENTS
- PROPOSED PAVEMENT



DATE SIGNED: 3/3/2023 LICENSE EXPIRES: 11/30/2023

**REHABILITATE  
RUNWAY 9-27**

SBG No: 3-17-SBGP-TBD

IDA No: PRG-4968

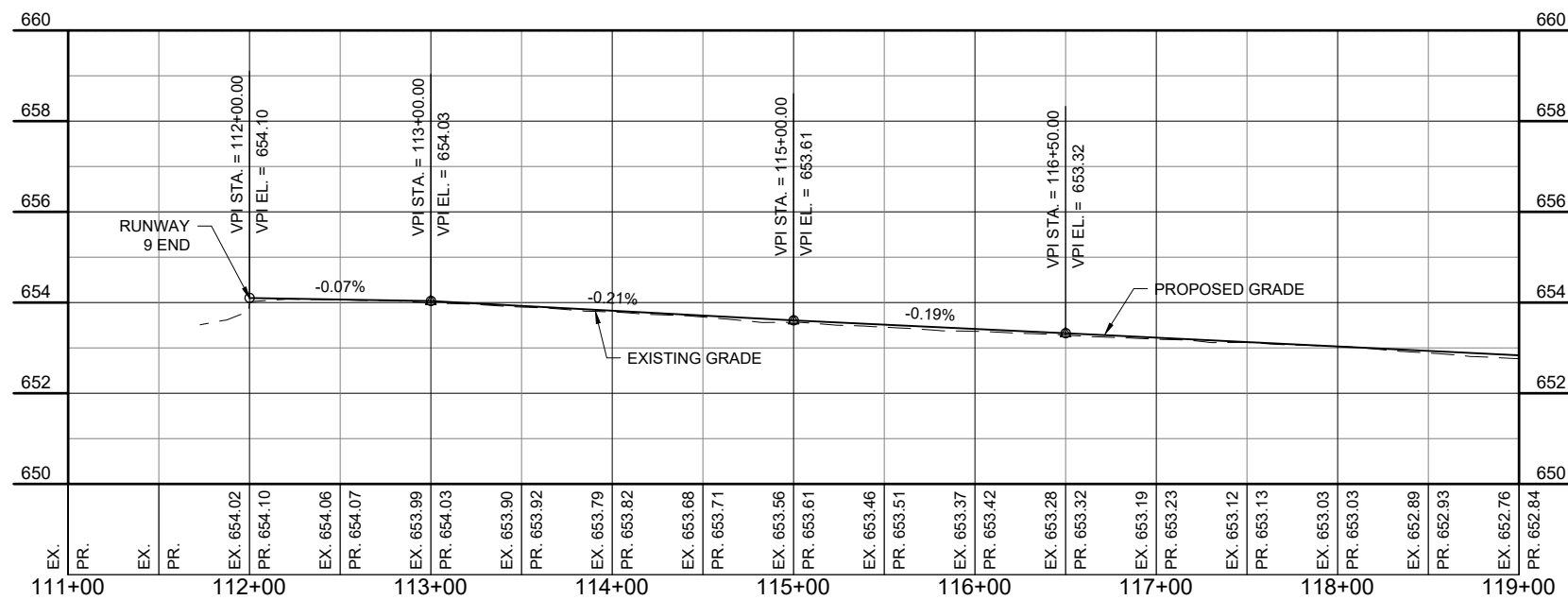
Contract No. ED020


NO.	DATE	DESCRIPTION		
		DES	DWN	REV

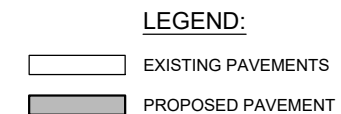
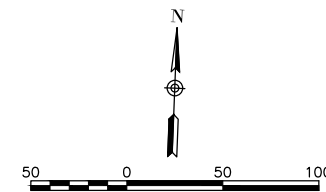
ISSUE: MARCH 3, 2023  
PROJECT NO: 21A0097  
CAD FILE: C-701-PNP.DWG  
DESIGN BY: BSS 4/14/2022  
DRAWN BY: KCD 4/14/2022  
REVIEWED BY: BSS 6/9/2022

SHEET TITLE

PLAN & PROFILE STA.  
111+00 TO STA.  
119+00



**FOR BID**



DATE SIGNED: 3/3/2023 LICENSE EXPIRES: 11/30/2023

**REHABILITATE  
RUNWAY 9-27**

SBG No: 3-17-SBGP-TBD

IDA No: PRG-4968

Contract No. ED020

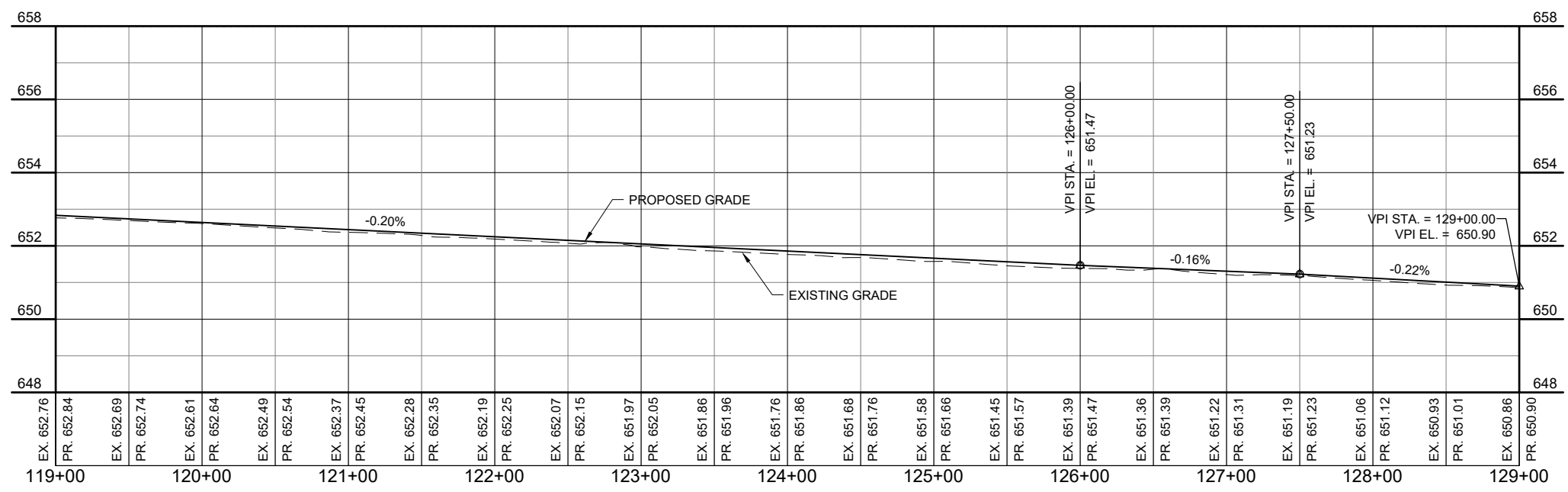
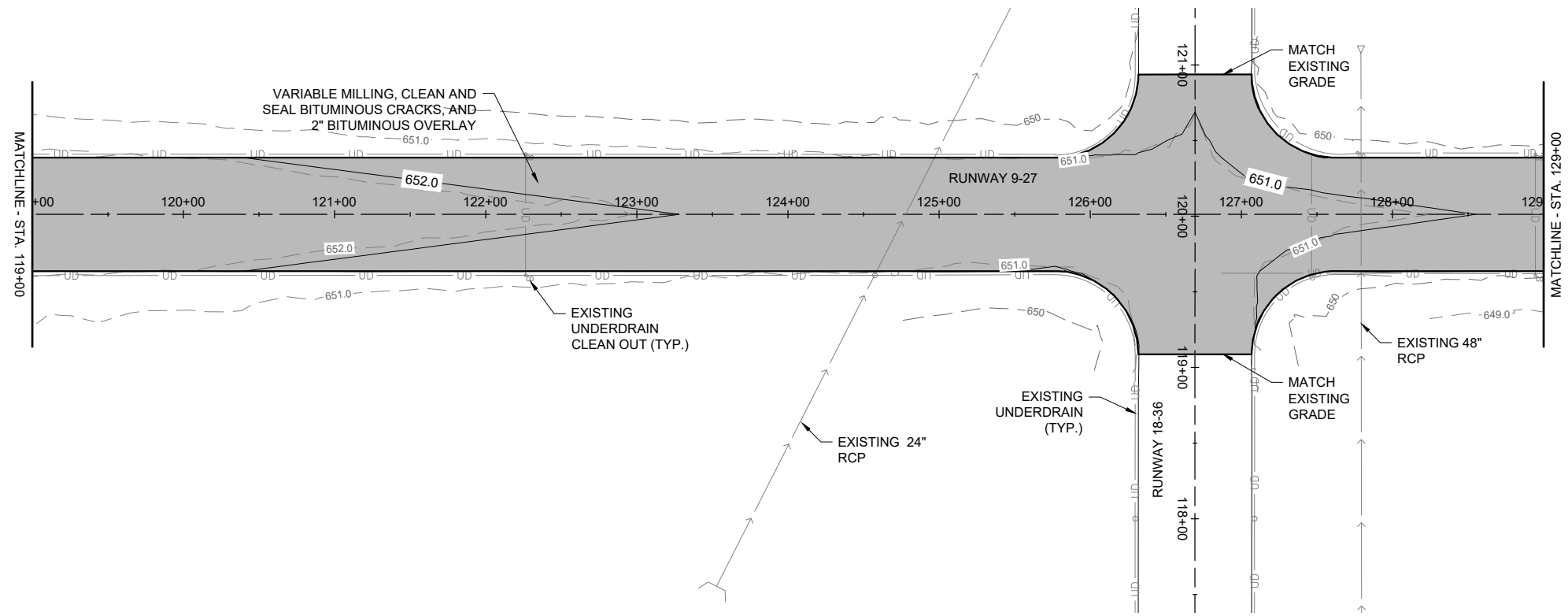
NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: MARCH 3, 2023  
PROJECT NO: 21A0097  
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DESIGN BY: BSS 4/14/2022  
DRAWN BY: KCD 4/14/2022  
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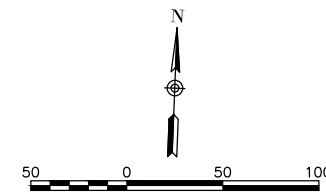
SHEET TITLE

PLAN & PROFILE STA.  
119+00 TO STA.  
129+00

**FOR BID**



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**LEGEND:**

- EXISTING PAVEMENTS
- PROPOSED PAVEMENT



DATE SIGNED: 3/3/2023 LICENSE EXPIRES: 11/30/2023

**REHABILITATE  
RUNWAY 9-27**

SBG No: 3-17-SBGP-TBD

IDA No: PRG-4968

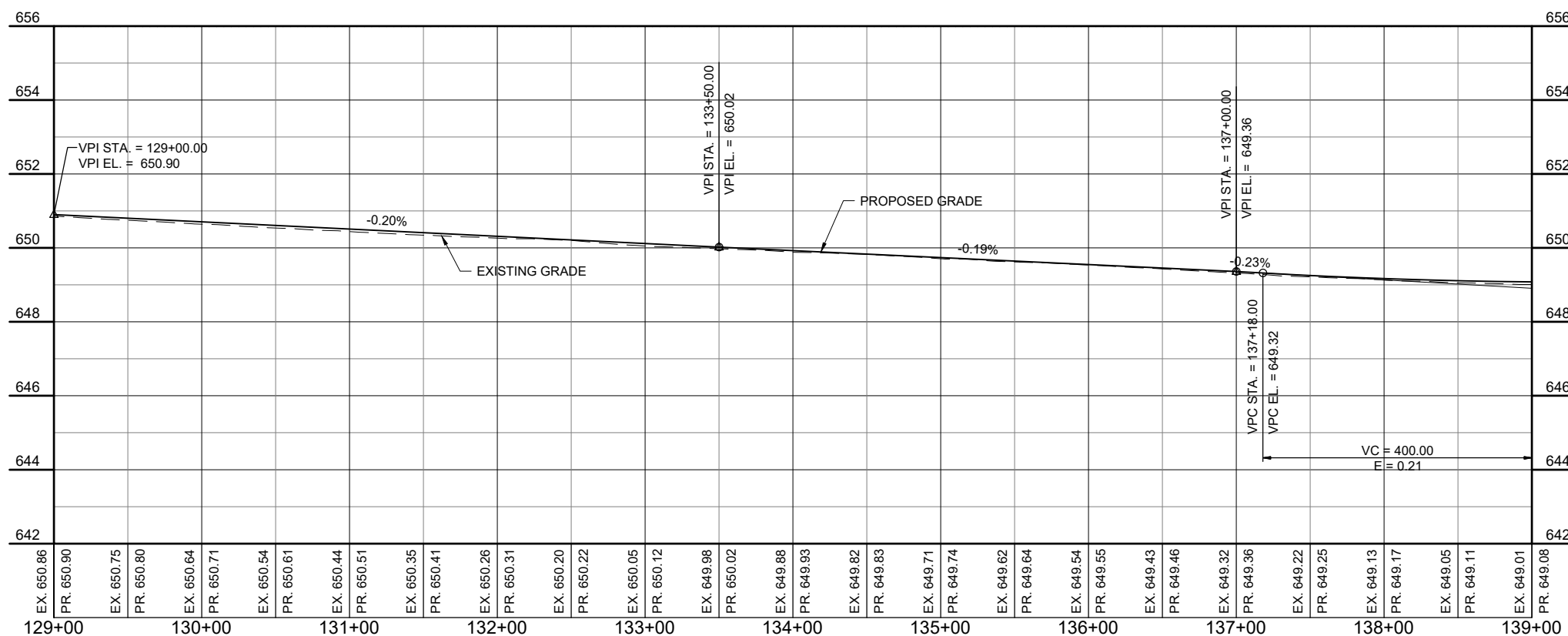
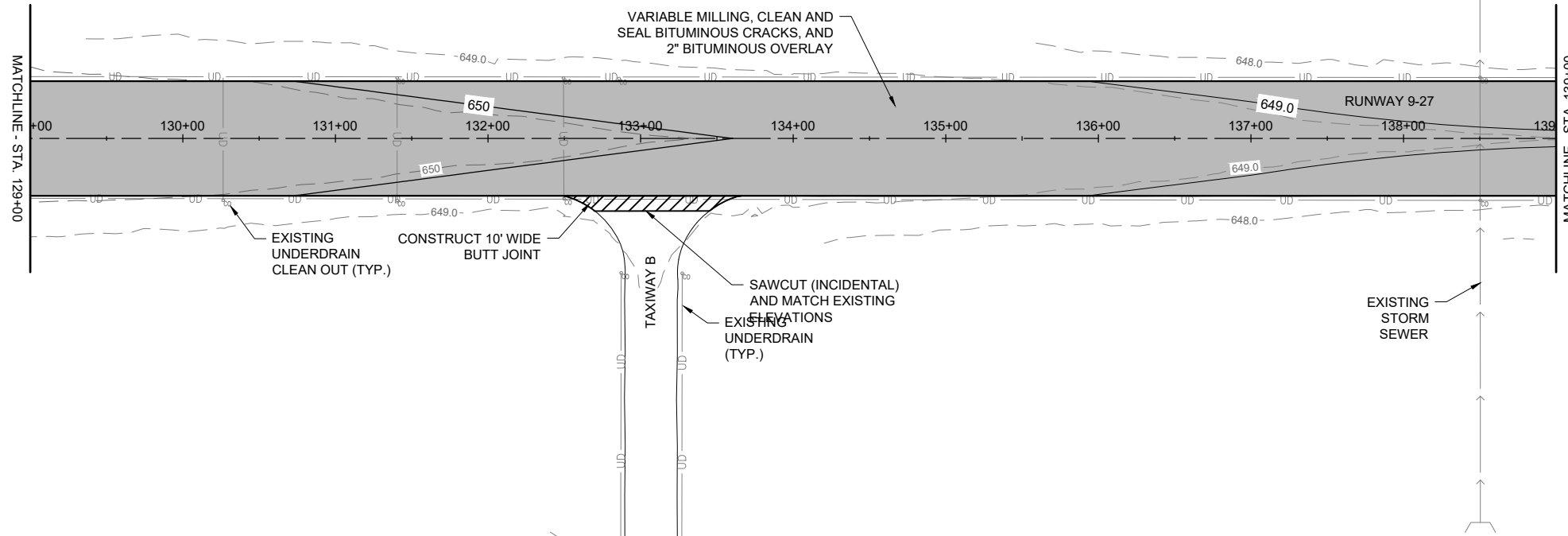
Contract No. ED020

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: MARCH 3, 2023  
PROJECT NO: 21A0097  
CAD FILE: C-701-PNP.DWG  
DESIGN BY: BSS 4/14/2022  
DRAWN BY: KCD 4/14/2022  
REVIEWED BY: BSS 6/9/2022

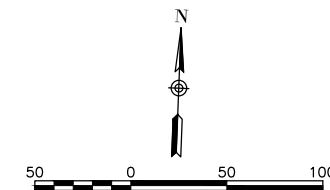
SHEET TITLE

PLAN & PROFILE STA.  
129+00 TO STA.  
139+00



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**FOR BID**



**LEGEND:**

- EXISTING PAVEMENTS
- PROPOSED PAVEMENT



DATE SIGNED: 3/3/2023 LICENSE EXPIRES: 11/30/2023

**REHABILITATE  
RUNWAY 9-27**

SBG No: 3-17-SBGP-TBD

IDA No: PRG-4968

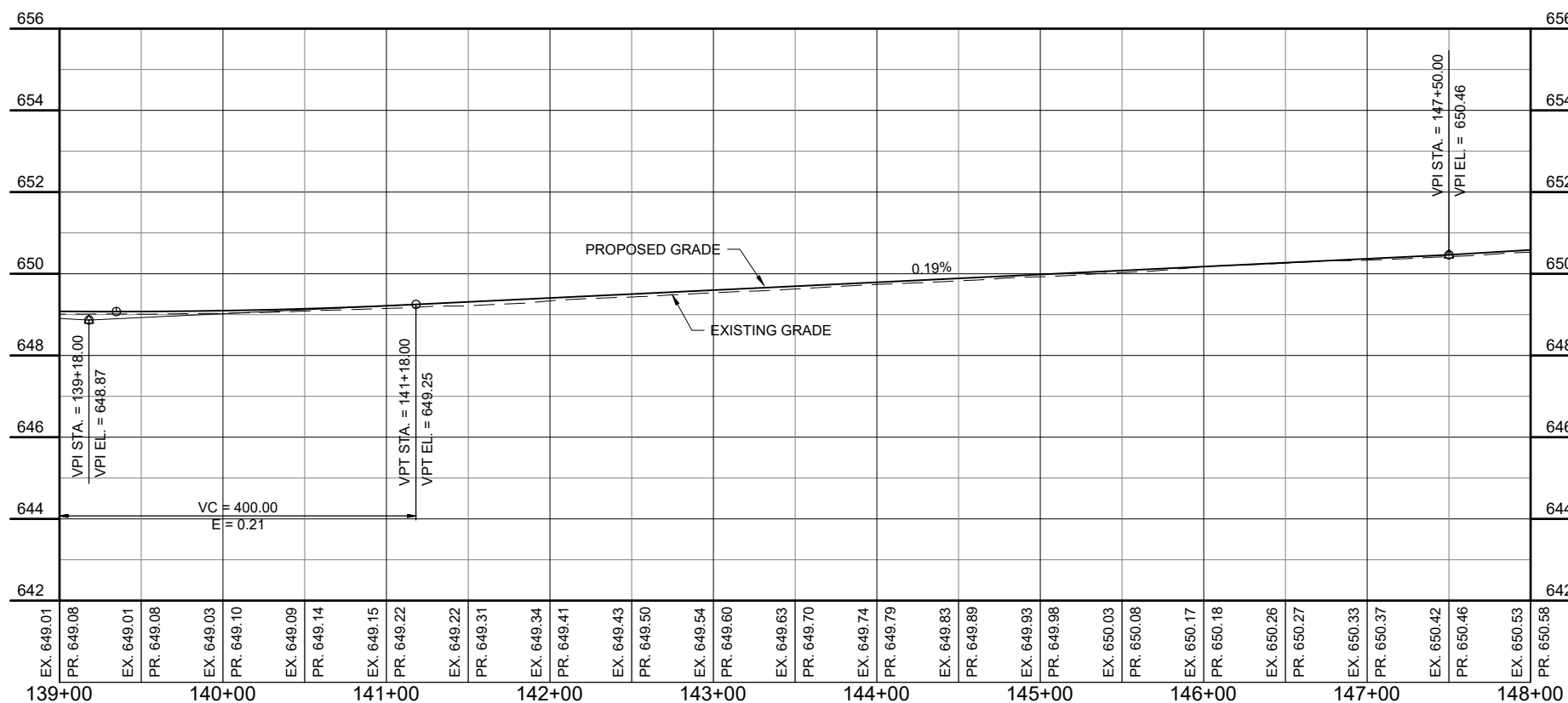
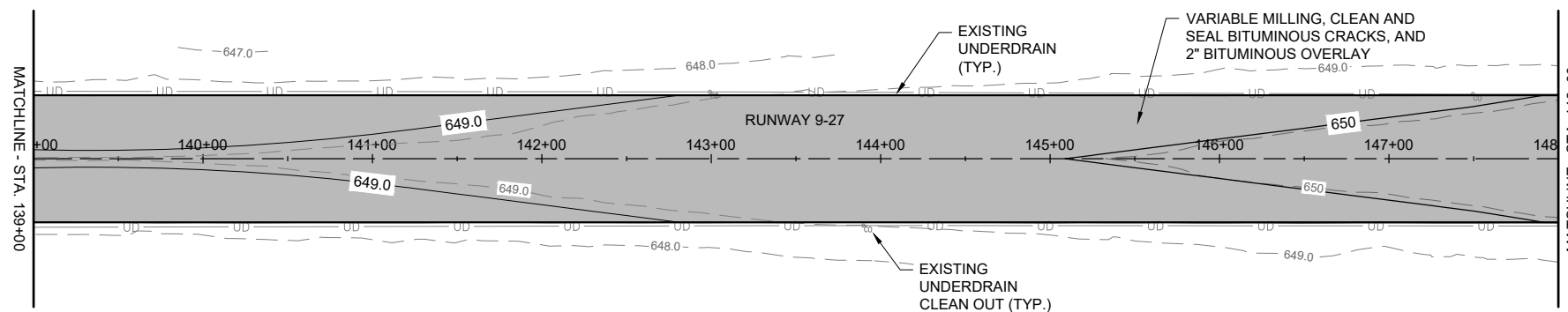
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NO.	DATE	DESCRIPTION		
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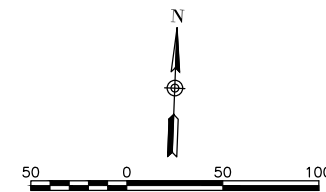
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DESIGN BY: BSS 4/14/2022  
DRAWN BY: KCD 4/14/2022  
REVIEWED BY: BSS 6/9/2022

SHEET TITLE

PLAN & PROFILE STA.  
139+00 TO STA.  
148+00







**LEGEND:**  
 EXISTING PAVEMENTS  
 PROPOSED PAVEMENT



DATE SIGNED: 3/3/2023 LICENSE EXPIRES: 11/30/2023

**REHABILITATE  
RUNWAY 9-27**

SBG No: 3-17-SBGP-TBD

IDA No: PRG-4968

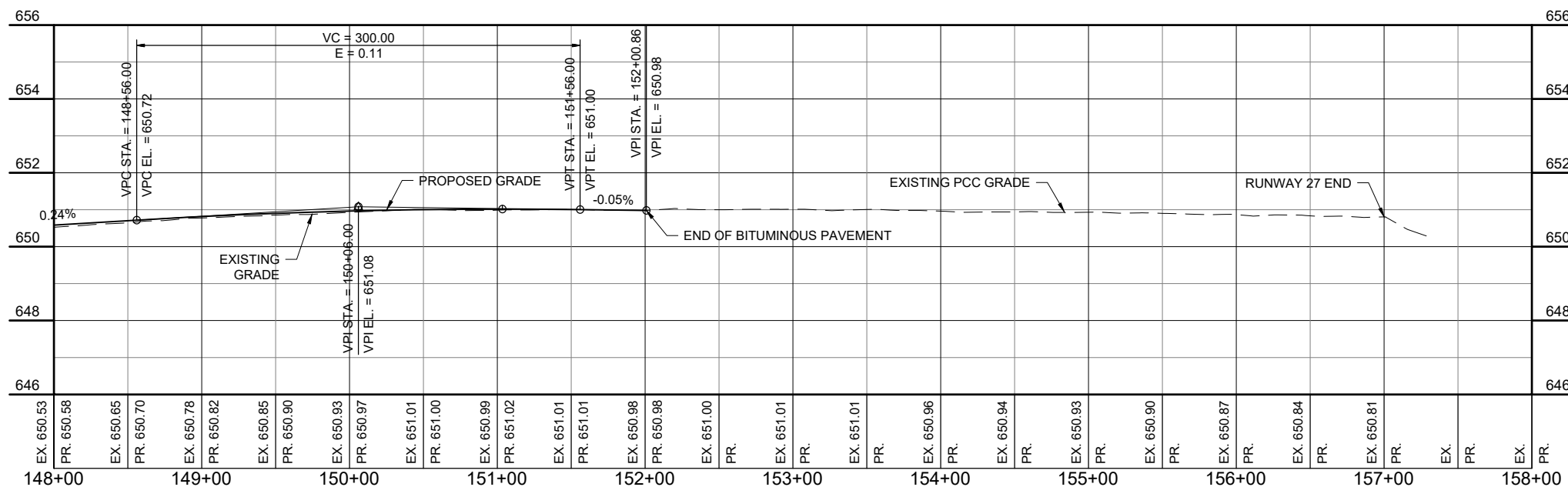
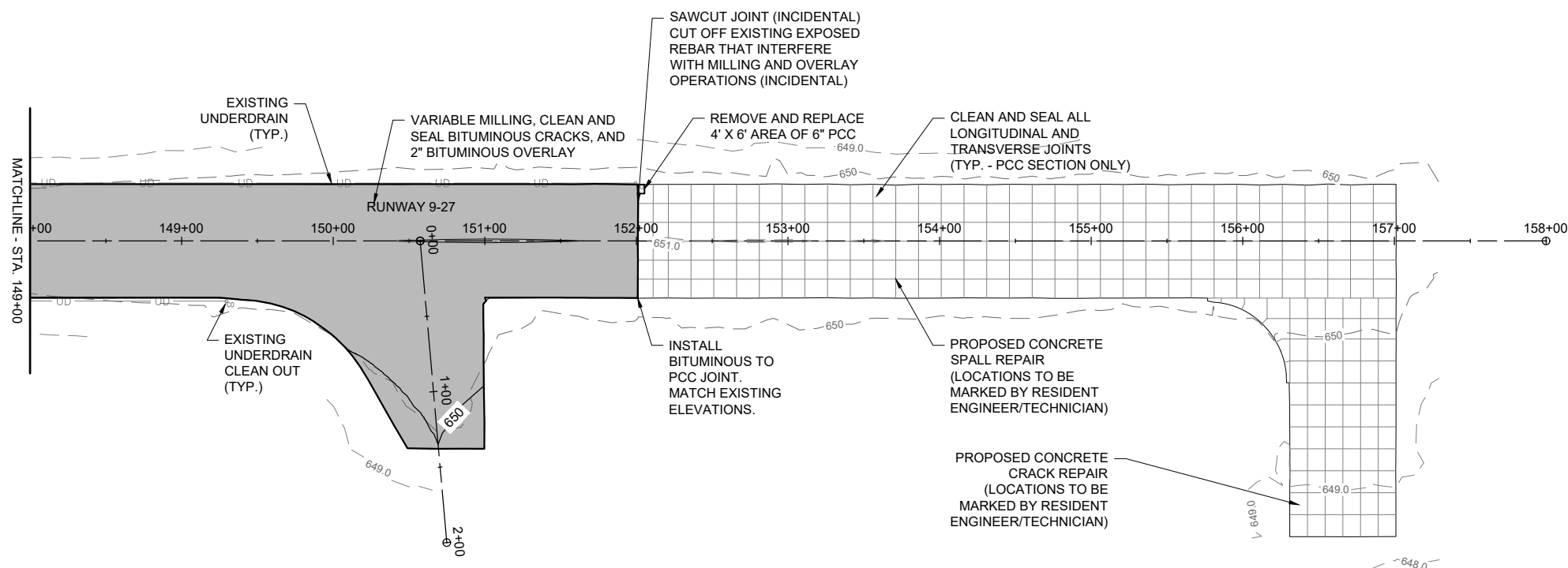
Contract No. ED020

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: MARCH 3, 2023  
 PROJECT NO: 21A0097  
 CAD FILE: C-701-PNP.DWG  
 DESIGN BY: BSS 4/14/2022  
 DRAWN BY: KCD 4/14/2022  
 REVIEWED BY: BSS 6/9/2022

SHEET TITLE

PLAN & PROFILE STA.  
148+00 TO STA.  
158+00

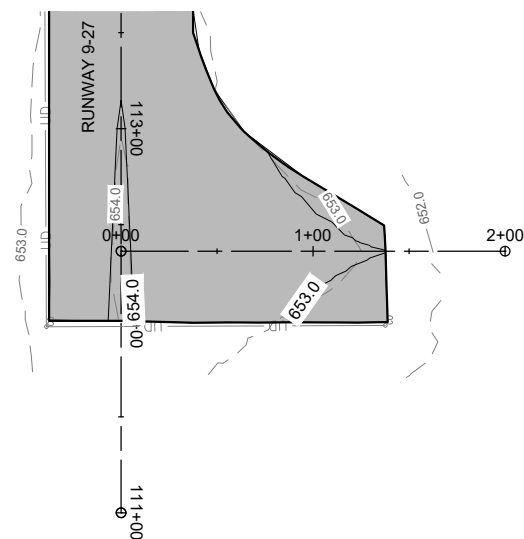


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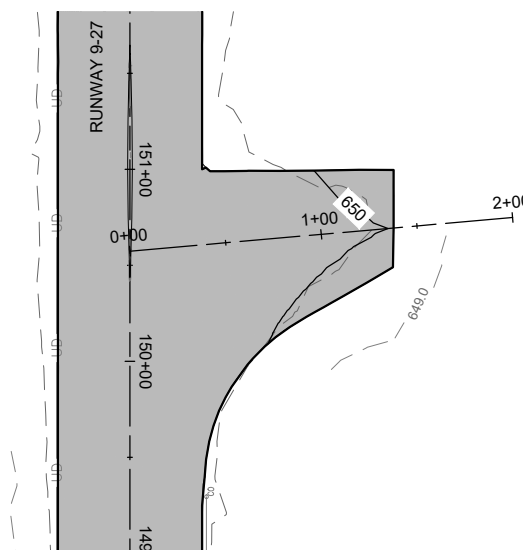


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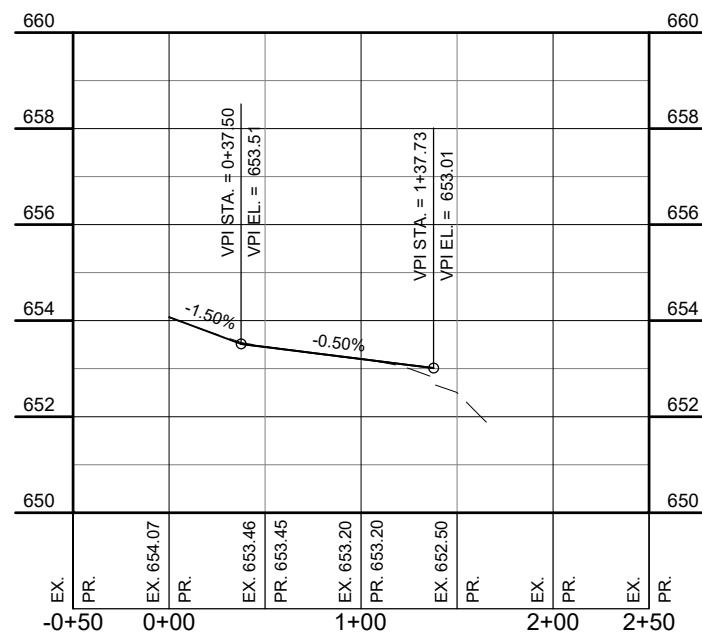
- EXISTING PAVEMENTS
- PROPOSED PAVEMENT



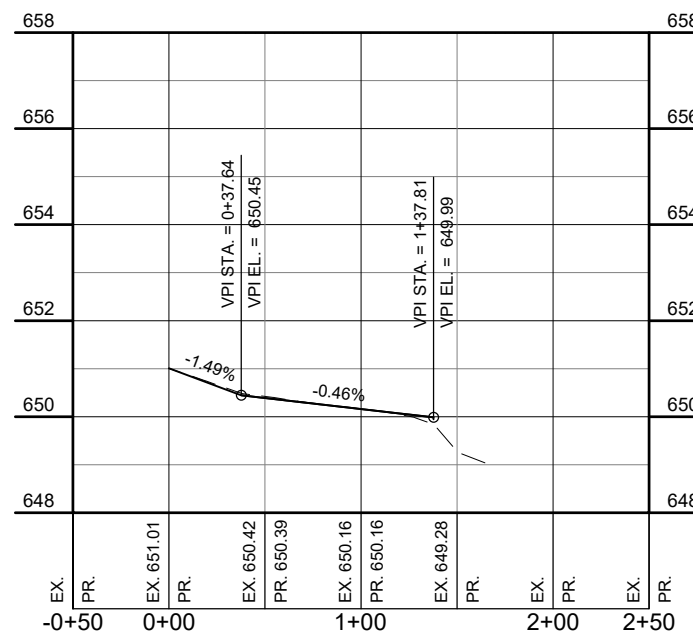
PLAN VIEW - RUNWAY 9 END TURNAROUND



PLAN VIEW - RUNWAY 27 END TURNAROUND



PROFILE VIEW - RUNWAY 9 END TURNAROUND



PROFILE VIEW - RUNWAY 27 END TURNAROUND



DATE SIGNED: 3/3/2023 LICENSE EXPIRES: 11/30/2023

**REHABILITATE  
RUNWAY 9-27**

SBG No: 3-17-SBGP-TBD

IDA No: PRG-4968

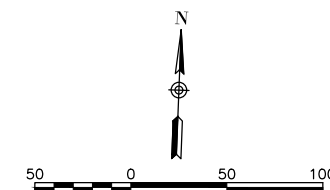
Contract No. ED020

NO.	DATE	DESCRIPTION		
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ISSUE: MARCH 3, 2023  
PROJECT NO: 21A0097  
CAD FILE: C-701-PNP.DWG  
DESIGN BY: JRH 6/7/2022  
DRAWN BY: JRH 6/7/2022  
REVIEWED BY: BSS 6/9/2022

SHEET TITLE

**PLAN & PROFILE -  
TURNAROUNDS**



**LEGEND:**

- EXISTING PAVEMENTS
- PROPOSED PAVEMENT MARKING

**PAVEMENT MARKING NOTES**

1. GLASS BEADS SHALL BE REQUIRED FOR ALL WHITE AND YELLOW PERMANENT PAINT MARKINGS. GLASS BEADS ARE NOT REQUIRED FOR TEMPORARY MARKINGS OR BLACK PAINT. REFER TO SPECIFICATION ITEM 620 FOR ADDITIONAL INFORMATION.
2. IMMEDIATELY PRIOR TO THE APPLICATION OF PAINT, ALL SURFACES SHALL BE DRY AND FREE FROM DIRT, GREASE, OIL, LAITANCE, OR OTHER FOREIGN MATERIAL WHICH WOULD REDUCE THE BOND BETWEEN THE PAINT AND THE PAVEMENT. THIS SHALL INCLUDE PAINTED AREAS ON THE EXISTING PAVEMENTS. REFER TO SPECIFICATION P-620-3.3 FOR ADDITIONAL INFORMATION.
3. EXISTING PAVEMENT MARKINGS OUTSIDE THE LIMITS OF THE MARKINGS SHOWN ON THE MARKING PLAN WHICH ARE REMOVED OR WORN DUE TO CONSTRUCTION ACTIVITY SHALL BE REPAINTED. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR THIS WORK.
4. IF THE CONTRACTOR ELECTS TO "BLOCK PAINT" THE BLACK PAINT AND THEN PAINT EITHER YELLOW OR WHITE PAINT OVER THE BLACK PAINT; ONLY THE VISIBLE 6" BLACK OUTLINE WILL BE ELIGIBLE FOR PAYMENT.



DATE SIGNED: 3/3/2023 LICENSE EXPIRES: 11/30/2023

**REHABILITATE  
 RUNWAY 9-27**

SBG No: 3-17-SBGP-TBD

IDA No: PRG-4968

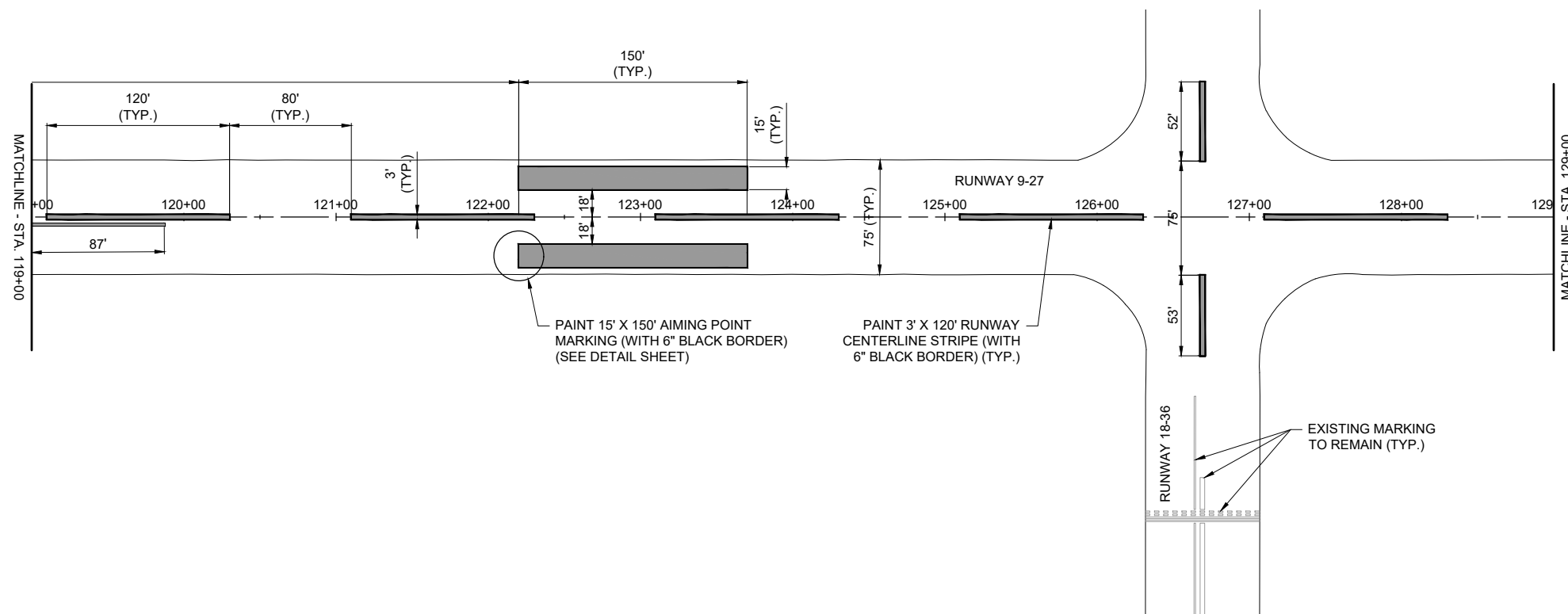
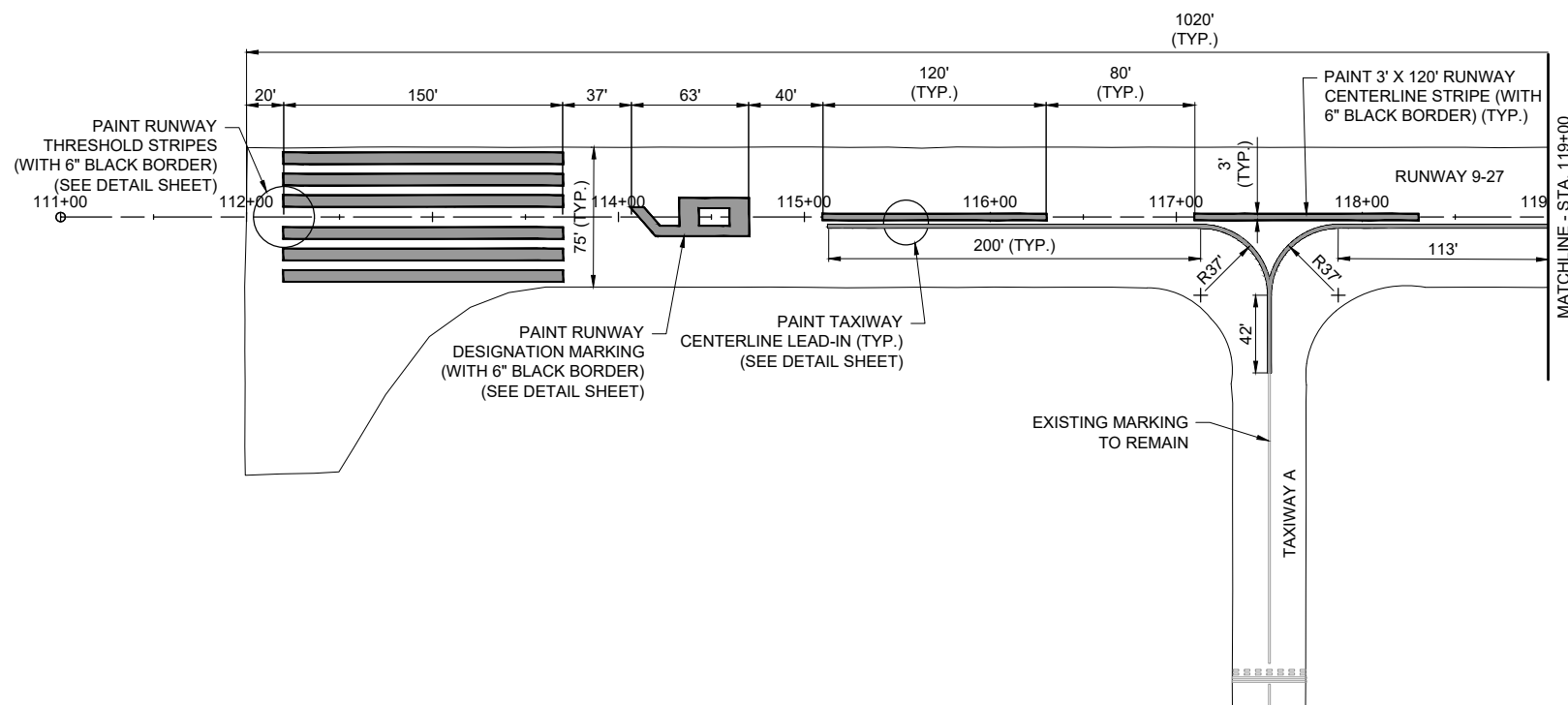
Contract No. ED020

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: MARCH 3, 2023  
 PROJECT NO: 21A0097  
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 DESIGN BY: BSS 4/14/2022  
 DRAWN BY: KCD 4/14/2022  
 REVIEWED BY: BSS 6/9/2022

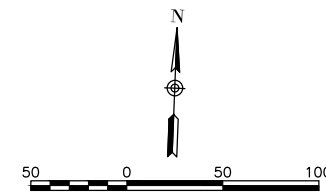
SHEET TITLE

MARKING PLAN STA.  
 111+00 TO STA.  
 129+00



MARKING SCHEDULE	
<b>AR620520 - PAVEMENT MARKING - WATERBORNE (WHITE)</b>	
DESCRIPTION	AREA (S.F.)
THRESHOLD MARKING	10,350.0
DESIGNATION MARKING	
9	712.0
2	652.0
7	476.0
AIMING POINT MARKING	9,000.0
CENTERLINE MARKING	7,305.0
<b>TOTAL AREA</b>	<b>28,495.0</b>
<b>AR620520 - PAVEMENT MARKING - WATERBORNE (YELLOW)</b>	
DESCRIPTION	AREA (S.F.)
6" TAXIWAY LEAD IN LINES	1,107.0
<b>TOTAL AREA</b>	<b>1,107.0</b>
<b>AR620525 PAVEMENT MARKING - BLACK BORDER</b>	
DESCRIPTION	AREA (S.F.)
THRESHOLD MARKING	1,881.0
DESIGNATION MARKING	
9	114.0
2	107.0
7	85.0
AIMING POINT MARKING	664.0
CENTERLINE MARKING	2,593.0
6" TAXIWAY LEAD IN LINES	1,104.0
<b>TOTAL AREA</b>	<b>6,548.0</b>

**FOR BID**



**LEGEND:**

- EXISTING PAVEMENTS
- PROPOSED PAVEMENT MARKING



DATE SIGNED: 3/3/2023 LICENSE EXPIRES: 11/30/2023

**REHABILITATE  
RUNWAY 9-27**

SBG No: 3-17-SBGP-TBD

IDA No: PRG-4968

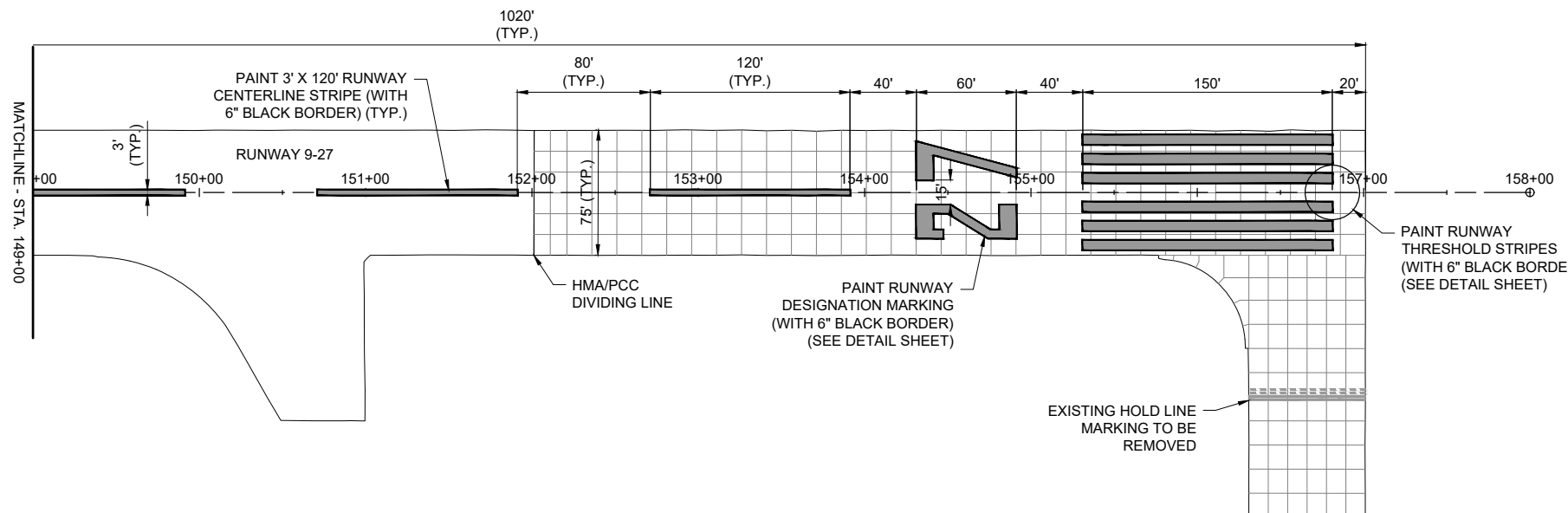
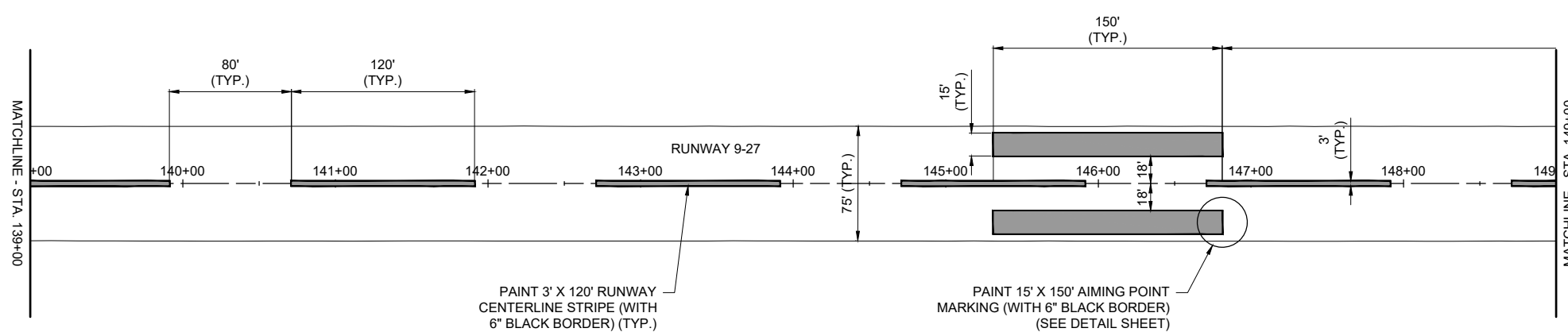
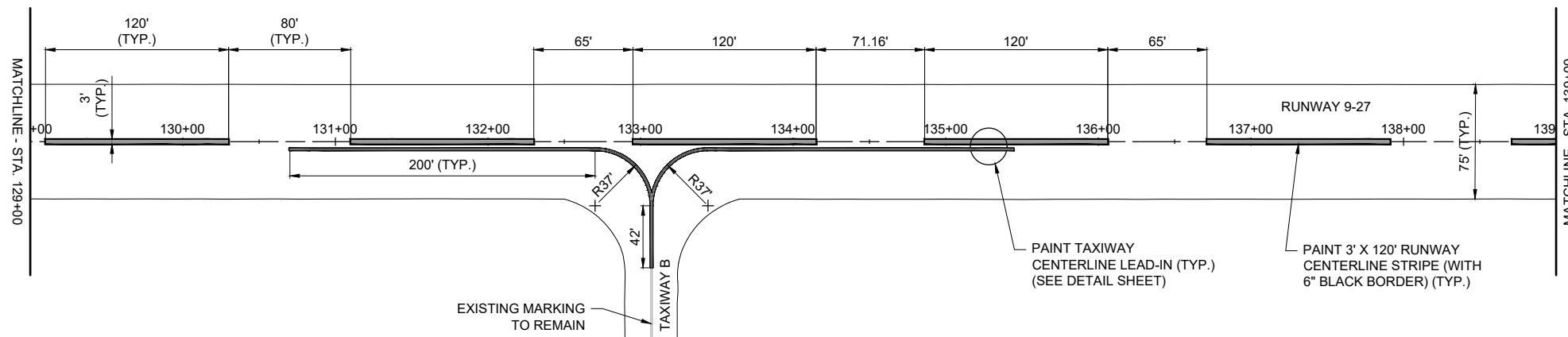
Contract No. ED020

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: MARCH 3, 2023  
PROJECT NO: 21A0097  
CAD FILE: C-151-MRK.DWG  
DESIGN BY: BSS 4/14/2022  
DRAWN BY: KCD 4/14/2022  
REVIEWED BY: BSS 6/9/2022

SHEET TITLE

MARKING PLAN STA.  
129+00 TO STA.  
158+00



**PAVEMENT MARKING REMOVAL NOTES**

- EXISTING PAVEMENT MARKING ON CONCRETE PAVEMENT SHALL BE REMOVED IN ACCORDANCE WITH ITEM 620 "PAVEMENT MARKING" AS STATED ON PAGE 272 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED APRIL 1, 2012.
- THIS ITEM SHALL CONSIST OF RUNWAY CENTERLINE STRIPE, RUNWAY NUMERALS 2 AND 7, RUNWAY THRESHOLD STRIPES AND RUNWAY TURNAROUND HOLD LINE MARKINGS, IN ACCORDANCE WITH THESE SPECIFICATIONS AND AT THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS.
- THE EXISTING MARKING REMOVAL WILL BE PAID FOR UNDER ITEM: AR620900 PAVEMENT MARKING REMOVAL \_\_\_ PER S.F.

AR620900 PAVEMENT MARKING REMOVAL	
DESCRIPTION	AREA (S.F.)
THRESHOLD MARKING	6,120.0
DESIGNATION MARKING	
2	759.0
7	561.0
CENTERLINE MARKING	484.0
RUNWAY HOLDING POSITION	561.0
<b>TOTAL AREA</b>	<b>8,485.0</b>

**FOR BID**

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DATE SIGNED: 3/3/2023 LICENSE EXPIRES: 11/30/2023

**REHABILITATE  
 RUNWAY 9-27**

SBG No: 3-17-SBGP-TBD

IDA No: PRG-4968

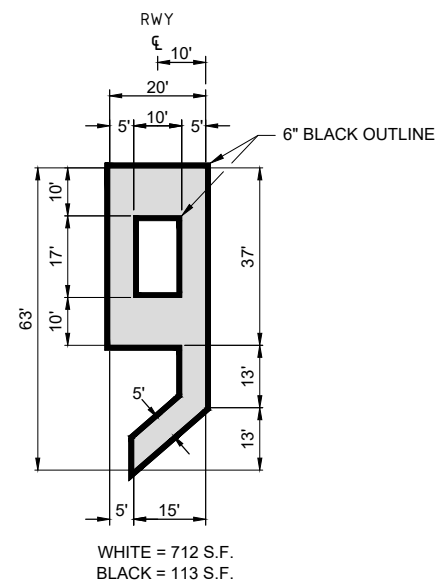
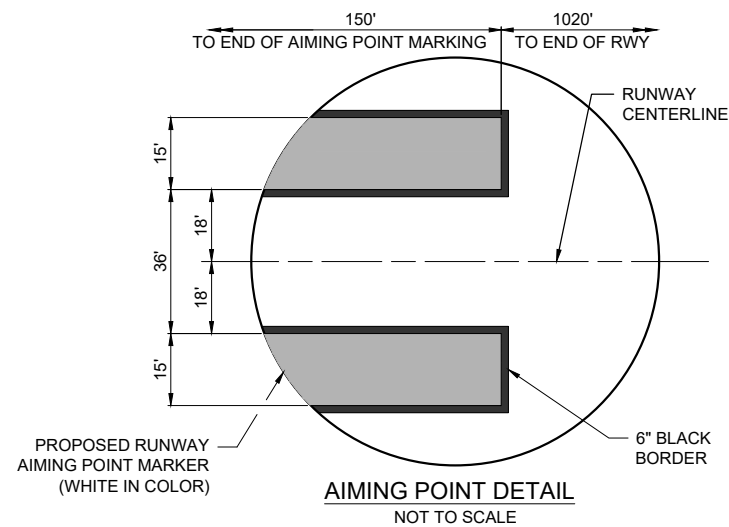
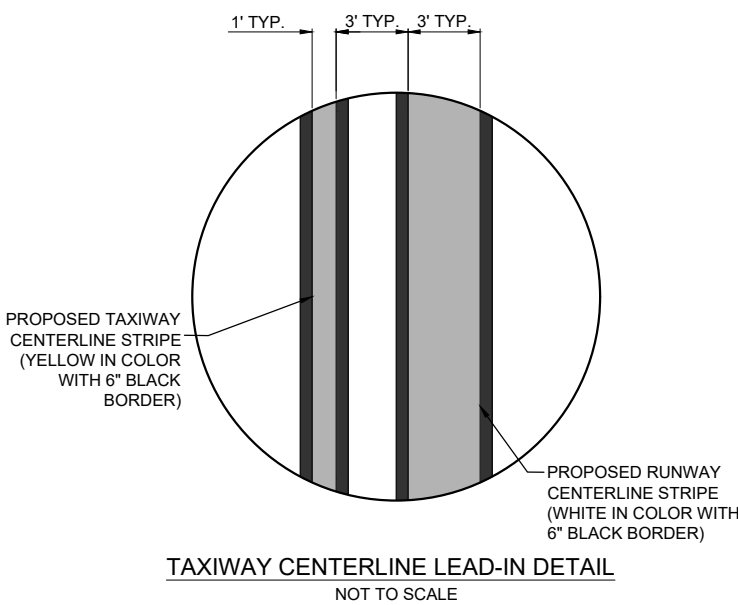
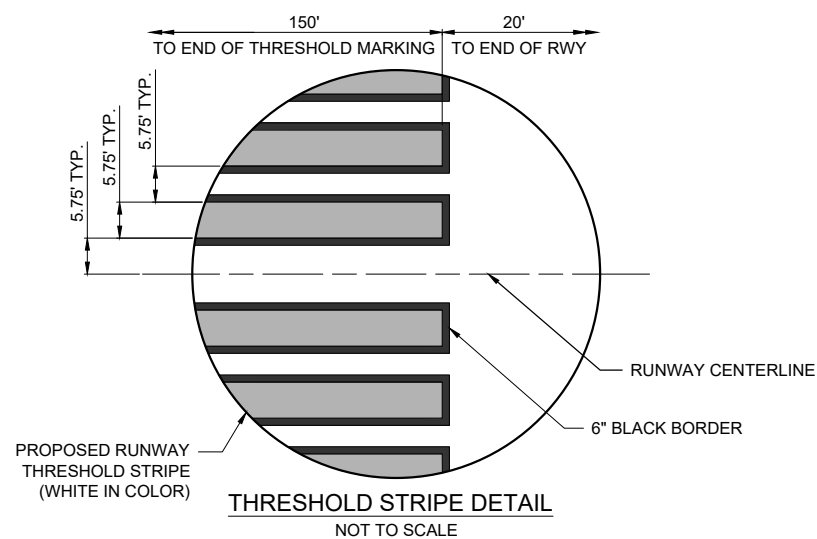
Contract No. ED020

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

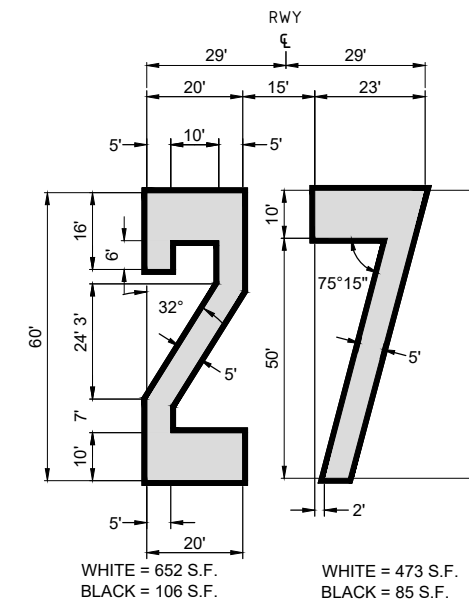
ISSUE: MARCH 3, 2023  
 PROJECT NO: 21A0097  
 CAD FILE: C-151-MRK.DWG  
 DESIGN BY: BSS 4/14/2022  
 DRAWN BY: KCD 4/14/2022  
 REVIEWED BY: BSS 6/9/2022

SHEET TITLE

**MARKING DETAILS  
 AND NOTES**



**RUNWAY 9 DESIGNATION MARKING**  
 NOT TO SCALE



**RUNWAY 27 DESIGNATION MARKING**  
 NOT TO SCALE

**RUNWAY DESIGNATION MARKING NOTES:**

- DIMENSIONS PROVIDED ARE FOR WHITE MARKINGS.
- NUMERALS ARE TO BE SOLID AND WHITE IN COLOR WITH A 6" BLACK BORDER.
- ALL NUMERALS ARE HORIZONTALLY SPACED 15 FEET APART.
- ALL DIMENSIONS ARE EXPRESSED IN INCREMENTS OF FEET.
- SINGLE DIGIT NUMERAL DESIGNATIONS ARE CENTERED ON THE RUNWAY PAVEMENT CENTERLINE.
- DOUBLE DIGIT NUMERAL DESIGNATIONS ARE CENTERED ON THE RUNWAY PAVEMENT CENTERLINE BASED ON THE CENTER OF THE OUTER EDGES OF THE TWO NUMERALS.



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*JRH*

DATE SIGNED: 3/3/2023  
LICENSE EXPIRES: 11/30/2023

REHABILITATE  
RUNWAY 9-27

SBG No: 3-17-SBGP-TBD

IDA No: PRG-4968

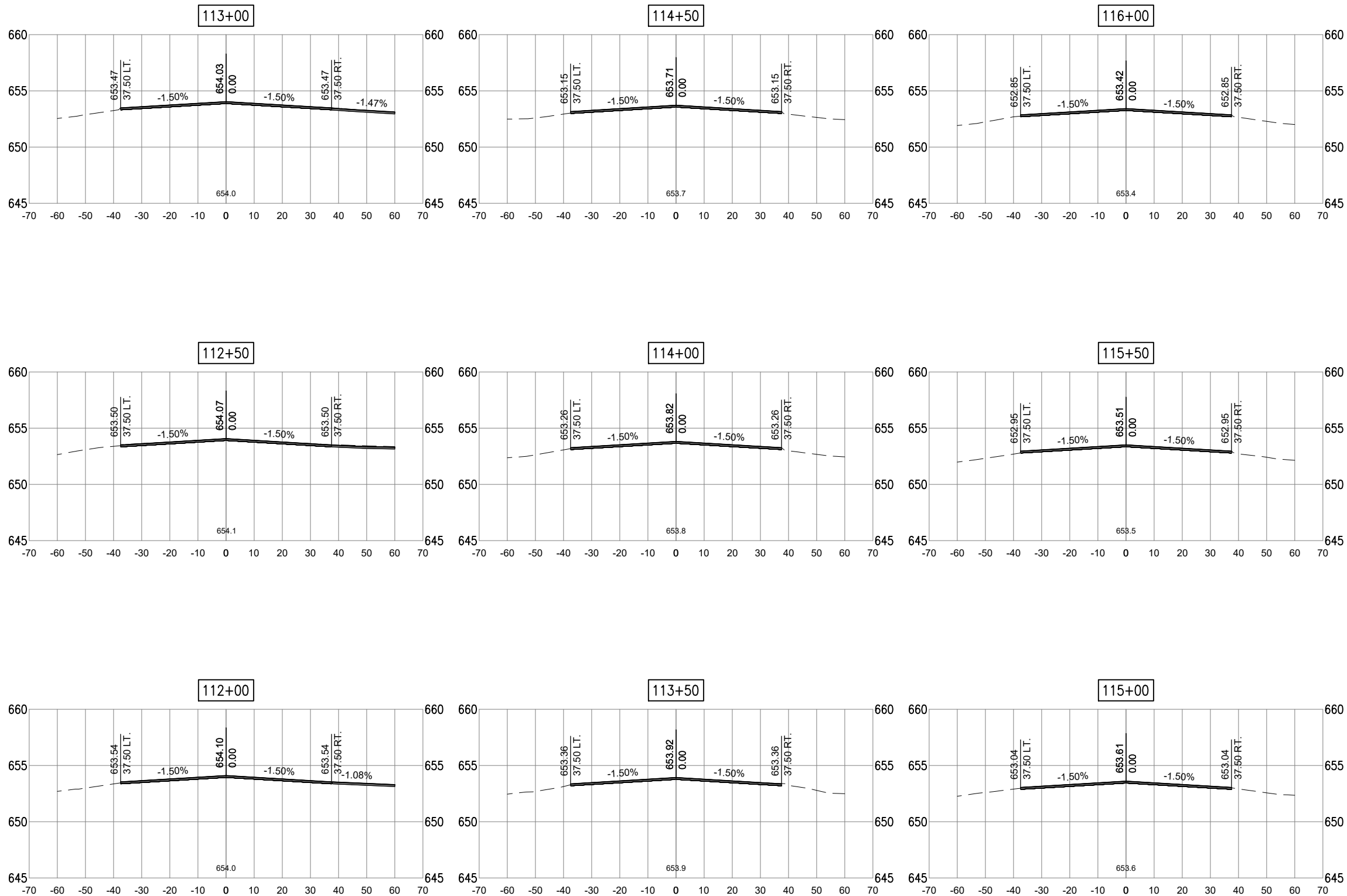
Contract No. ED020


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ISSUE: MARCH 3, 2023  
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CAD FILE: C-302.XS.DWG  
DESIGN BY: JRH 5/4/2022  
DRAWN BY: JRH 5/4/2022  
REVIEWED BY: BSS 6/9/2022

SHEET TITLE

PROPOSED CROSS  
SECTIONS STA.  
112+00 TO STA.  
116+00





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**REHABILITATE RUNWAY 9-27**

SBG No: 3-17-SBGP-TBD

IDA No: PRG-4968

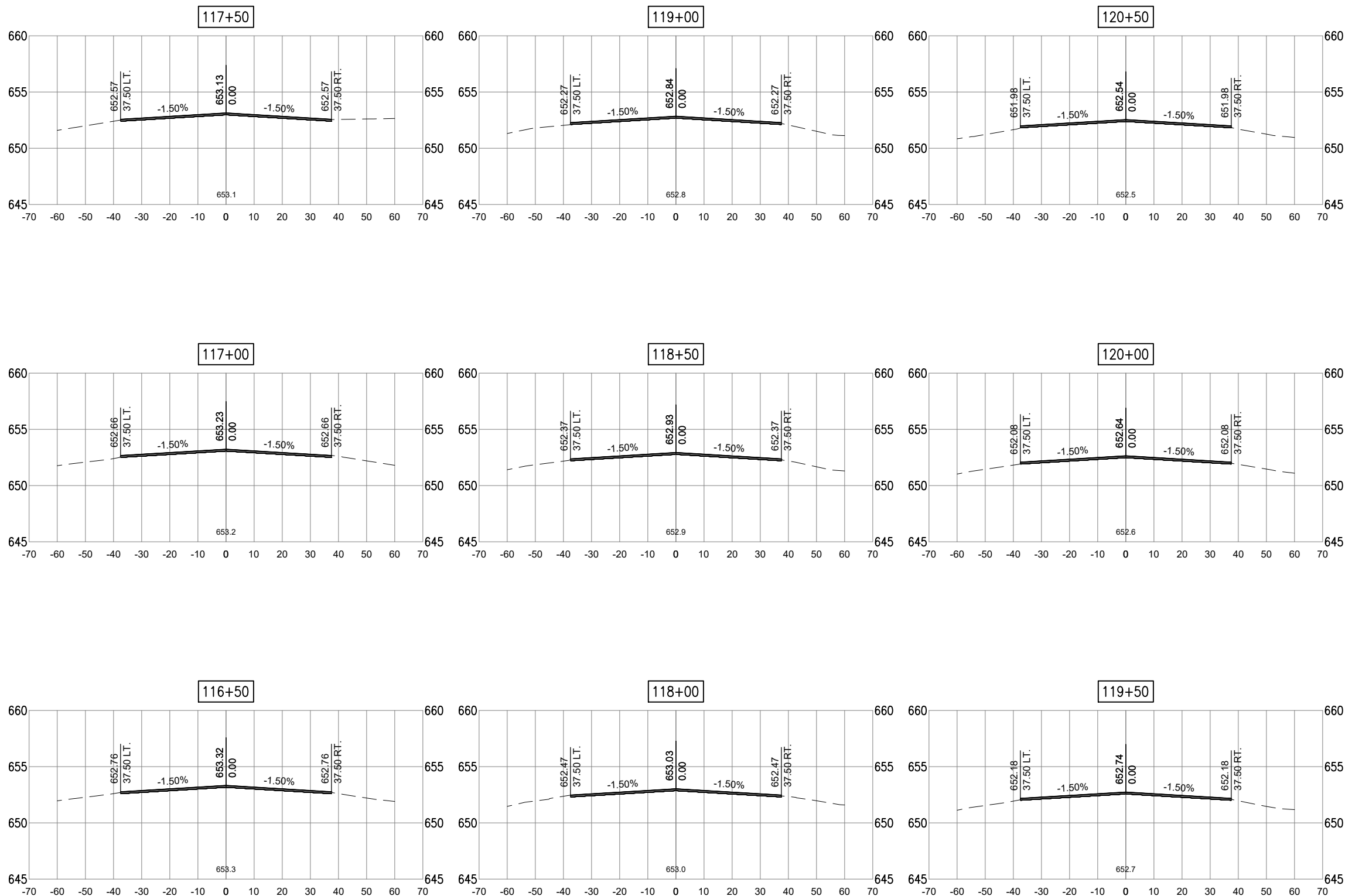
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SHEET TITLE

PROPOSED CROSS SECTIONS STA. 116+50 TO STA. 120+50



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**REHABILITATE  
RUNWAY 9-27**

SBG No: 3-17-SBGP-TBD

IDA No: PRG-4968

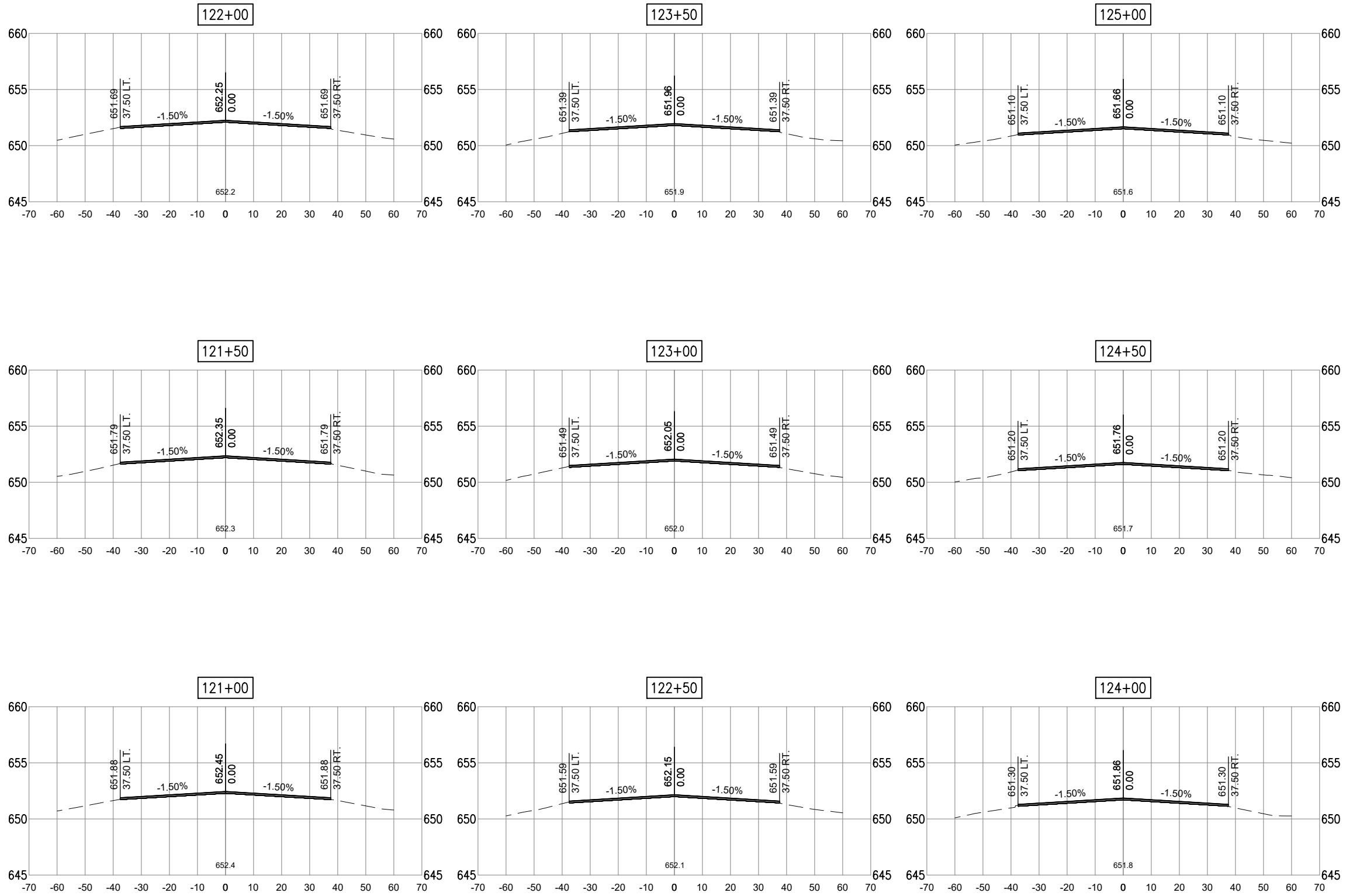
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SHEET TITLE

PROPOSED CROSS  
SECTIONS STA.  
121+00 TO STA.  
125+00



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**REHABILITATE RUNWAY 9-27**

SBG No: 3-17-SBGP-TBD

IDA No: PRG-4968

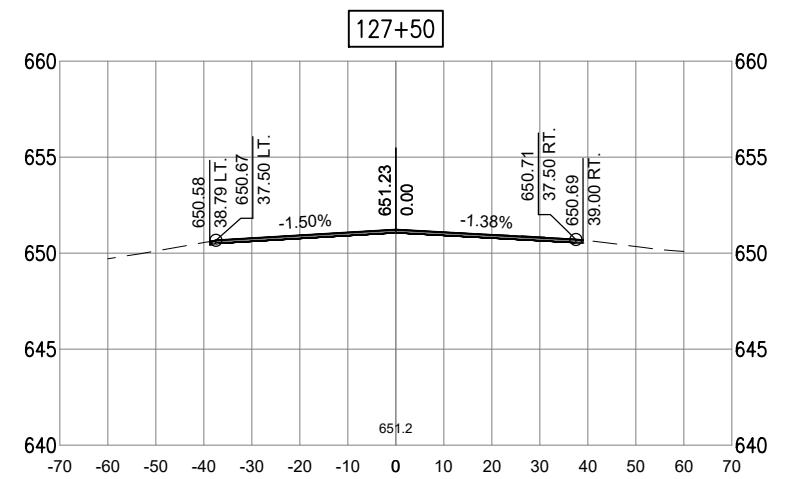
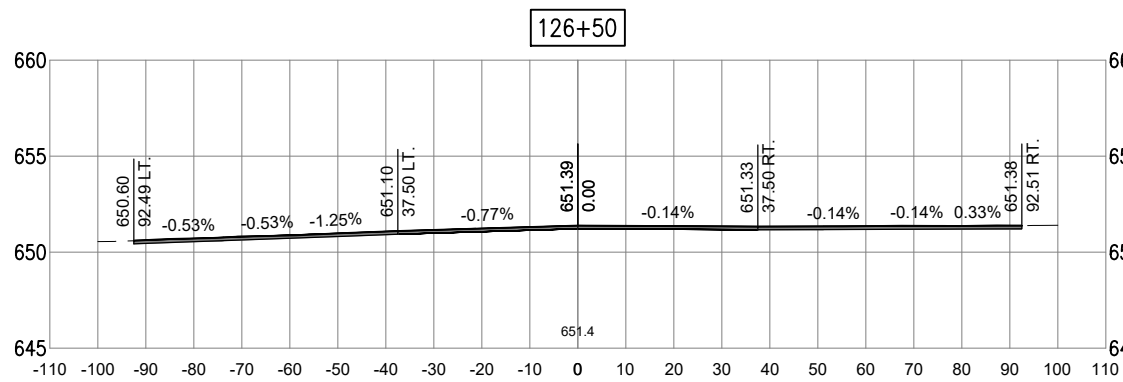
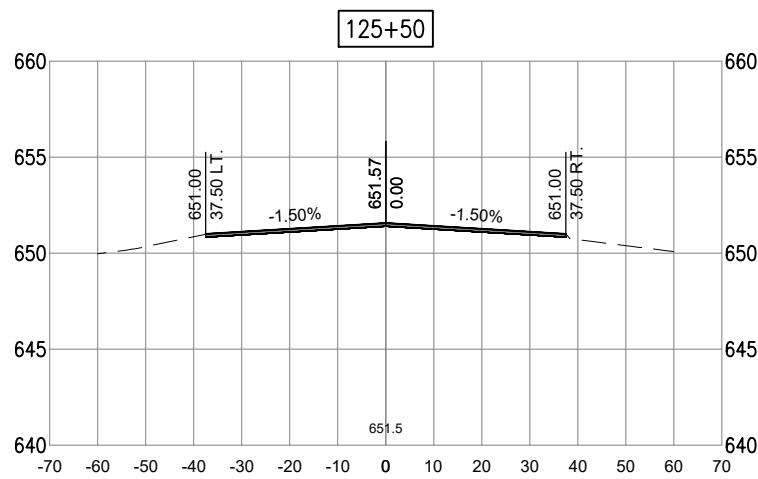
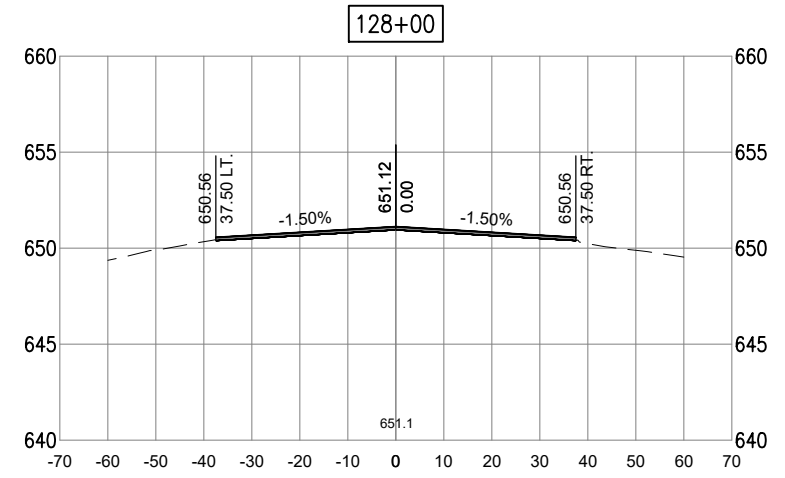
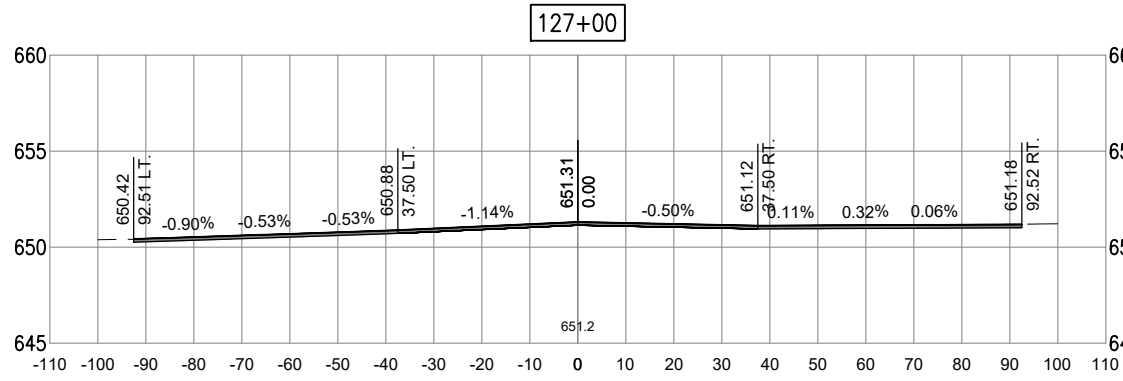
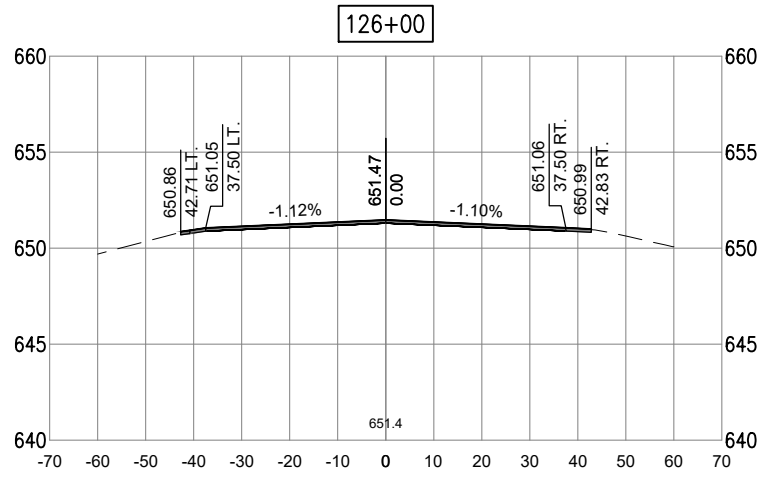
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SHEET TITLE

PROPOSED CROSS SECTIONS STA. 125+50 TO STA. 128+00





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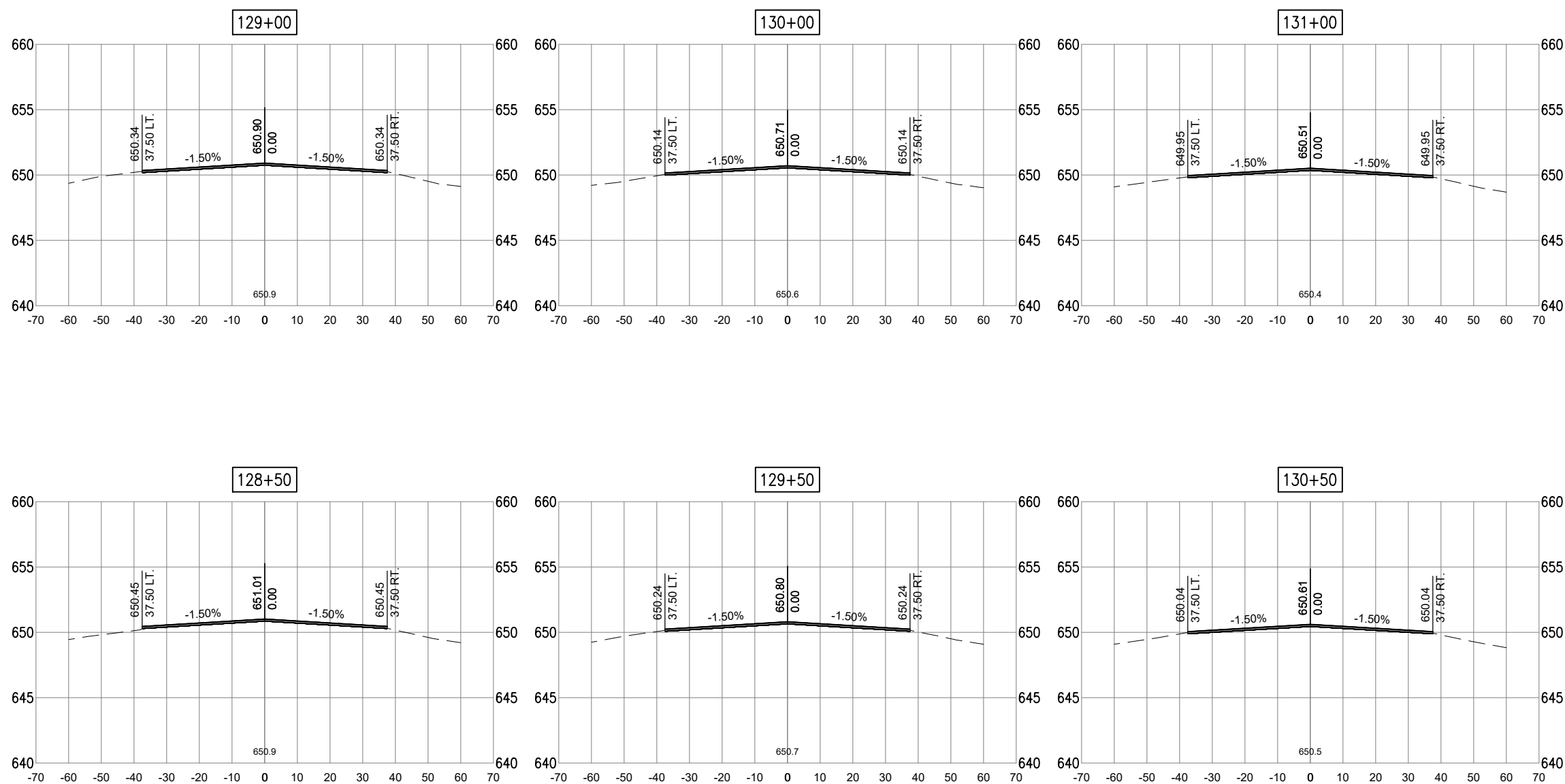
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REHABILITATE  
RUNWAY 9-27

SBG No: 3-17-SBGP-TBD

IDA No: PRG-4968

Contract No. ED020

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SHEET TITLE

PROPOSED CROSS  
SECTIONS STA.  
128+50 TO STA.  
131+00

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RUNWAY 9-27

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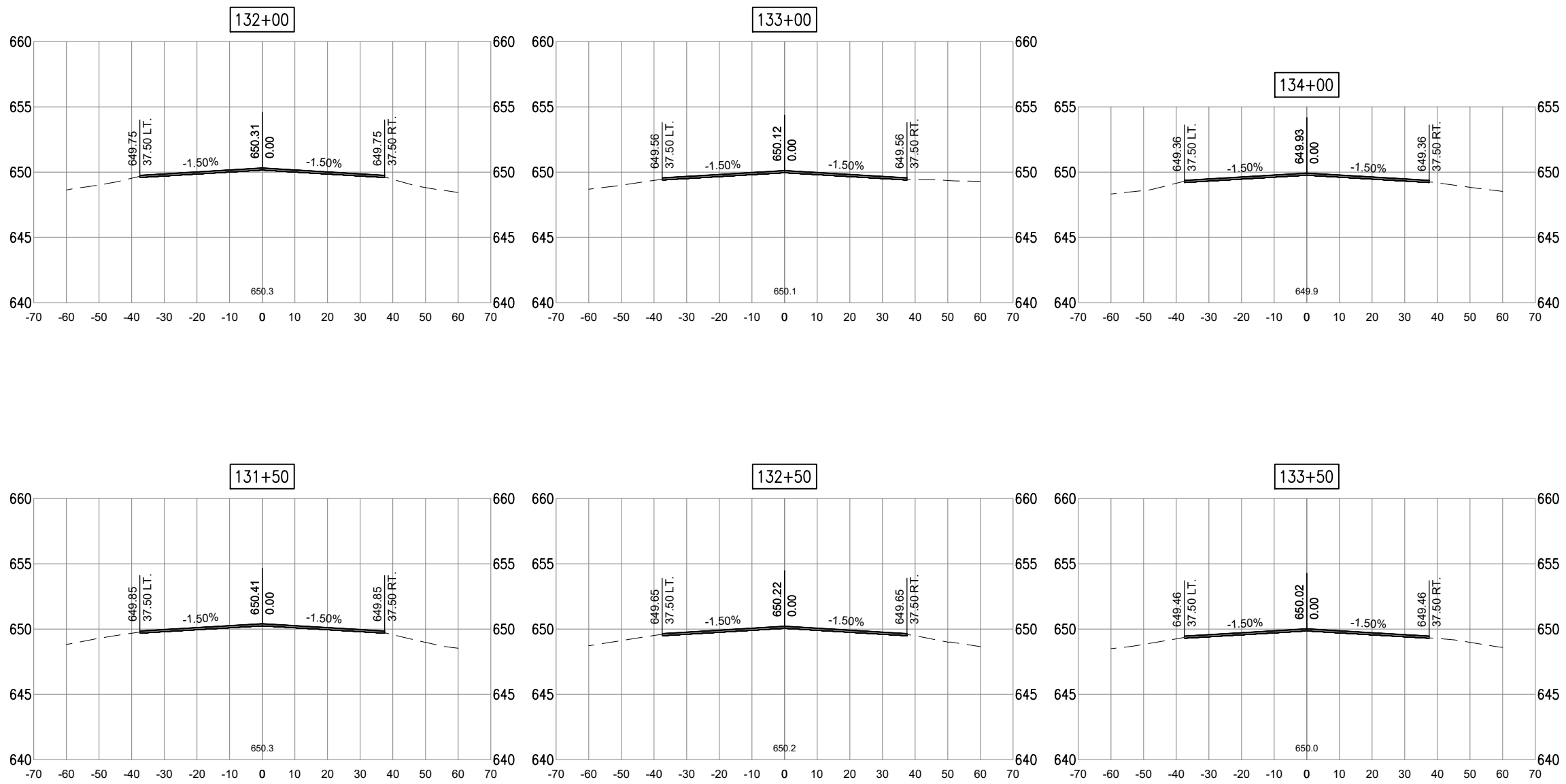
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PROPOSED CROSS  
SECTIONS STA.  
131+50 TO STA.  
134+00



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**REHABILITATE  
 RUNWAY 9-27**

SBG No: 3-17-SBGP-TBD

IDA No: PRG-4968

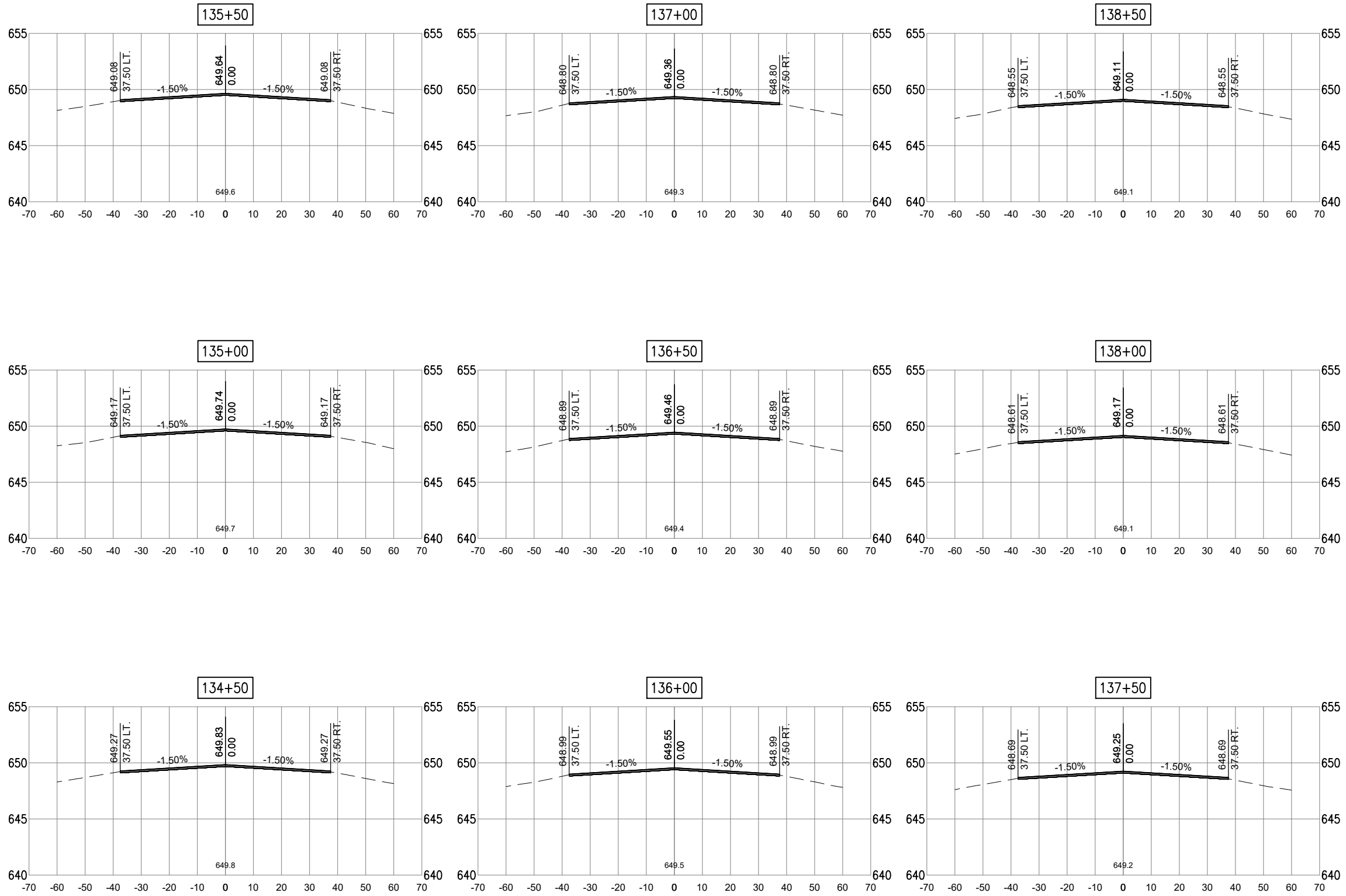
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 SECTIONS STA.  
 134+50 TO STA.  
 138+50



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**REHABILITATE  
RUNWAY 9-27**

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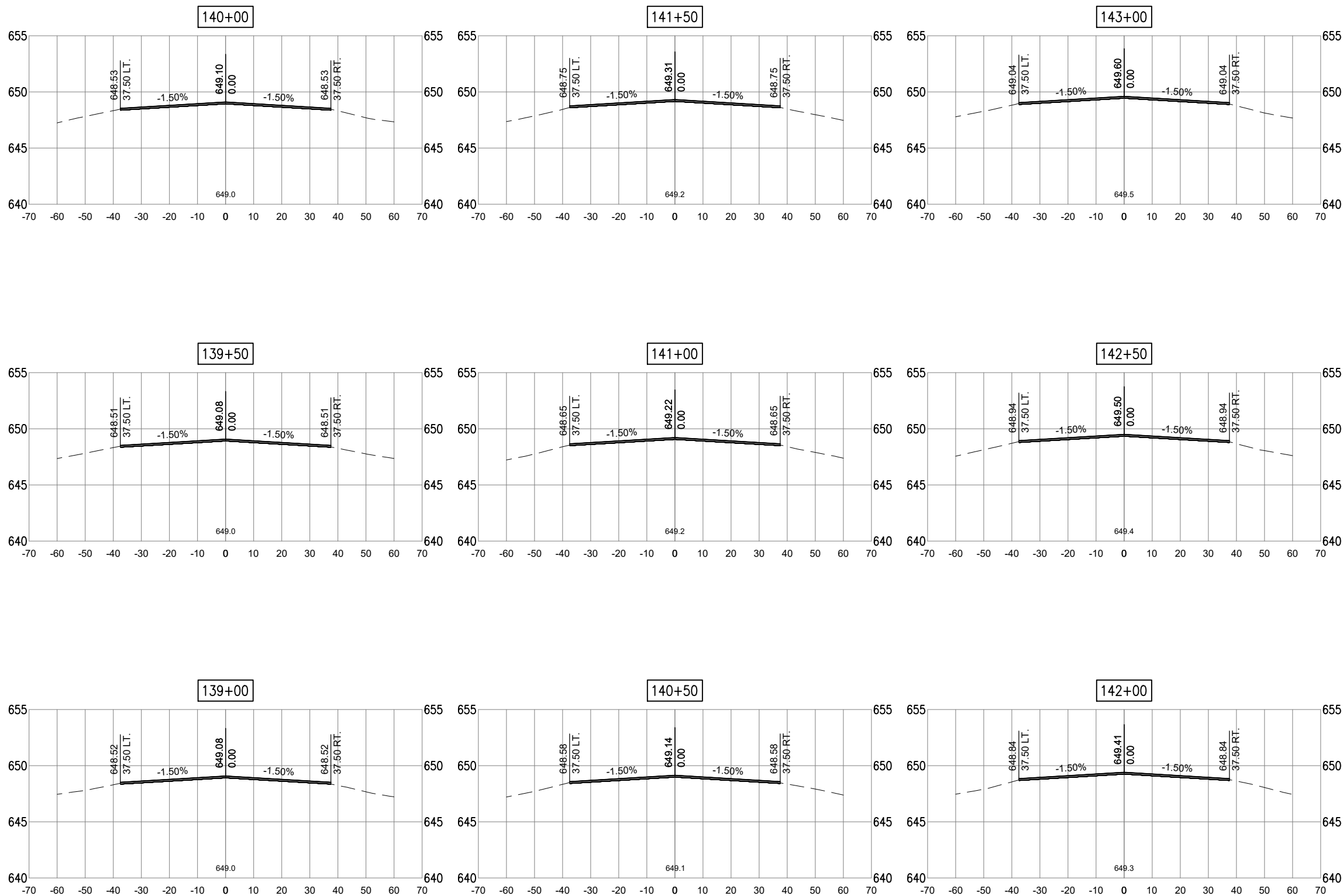
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PROPOSED CROSS  
SECTIONS STA.  
139+00 TO STA.  
143+00





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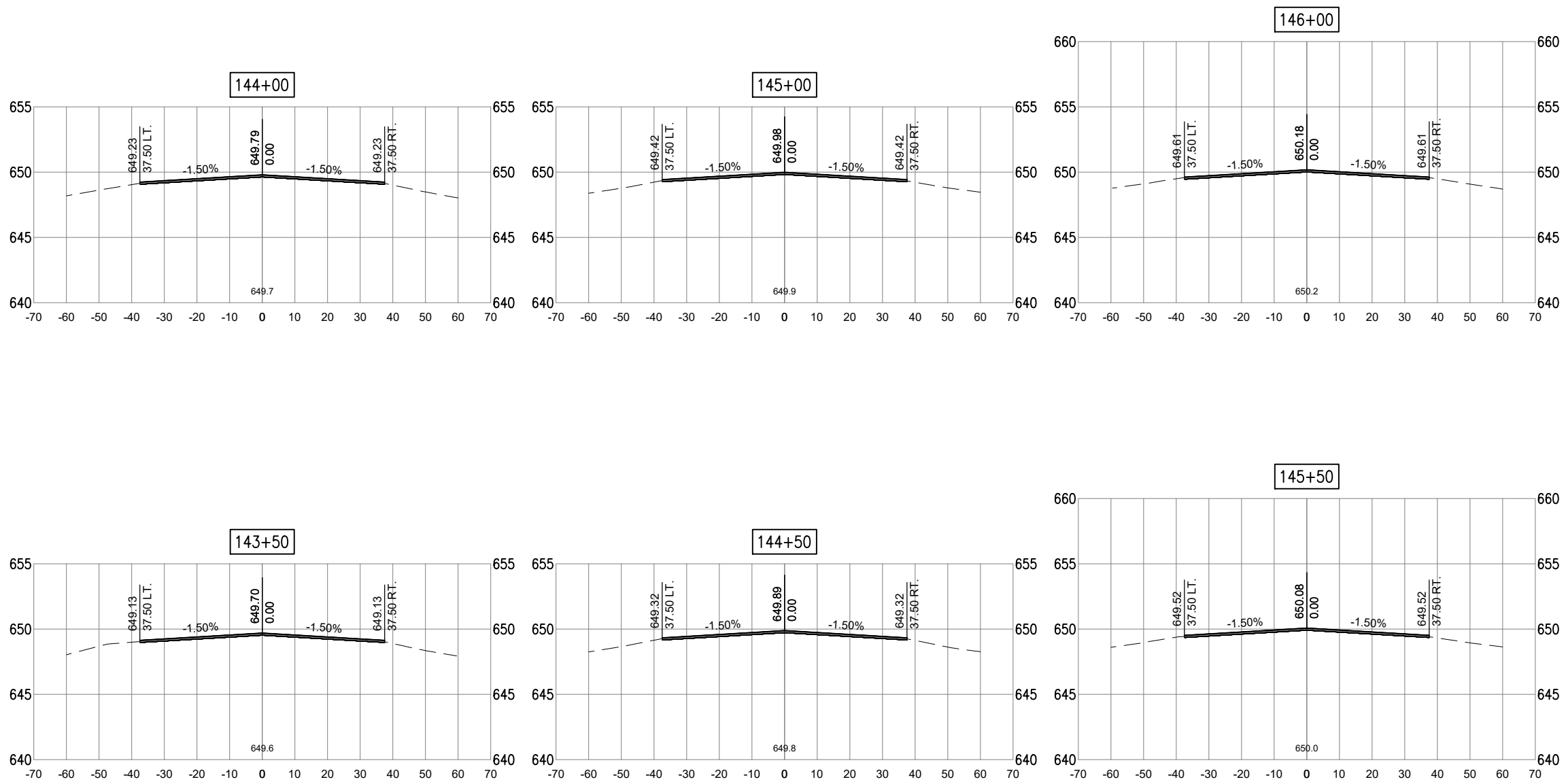
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PROPOSED CROSS  
SECTIONS STA.  
143+50 TO STA.  
146+00



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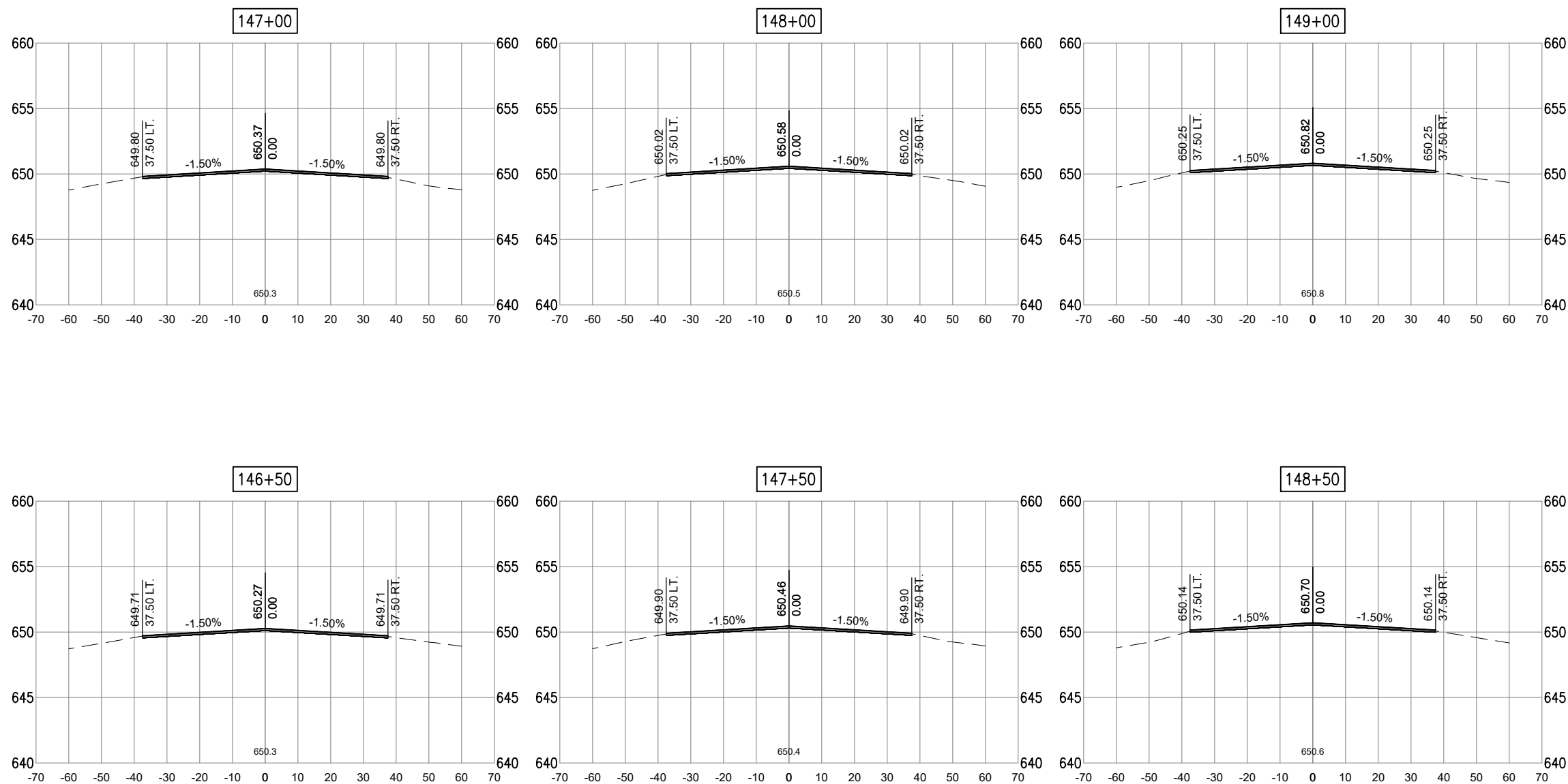
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RUNWAY 9-27**

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PROPOSED CROSS  
SECTIONS STA.  
146+50 TO STA.  
149+00

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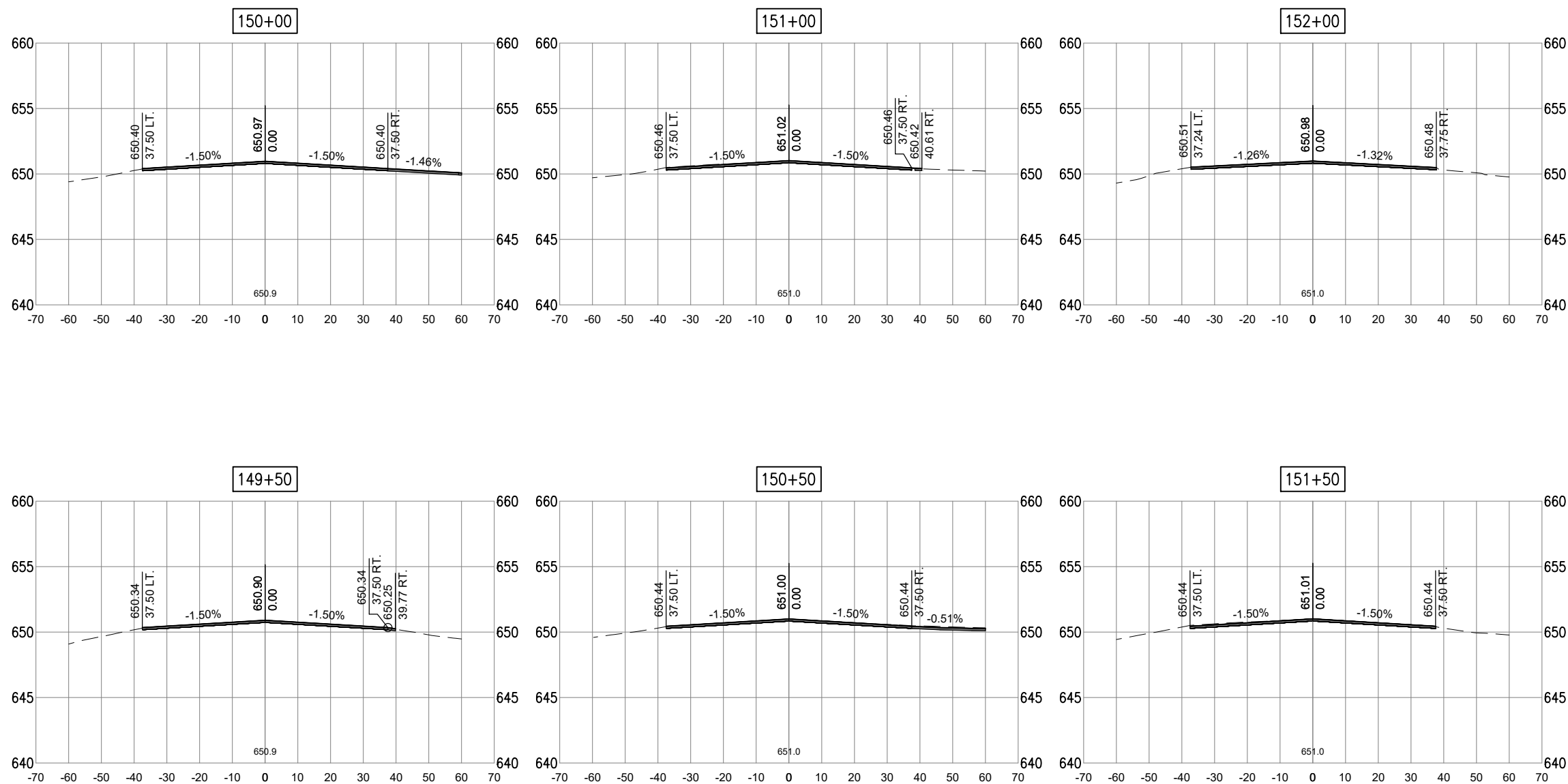
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149+50 TO STA.  
152+00

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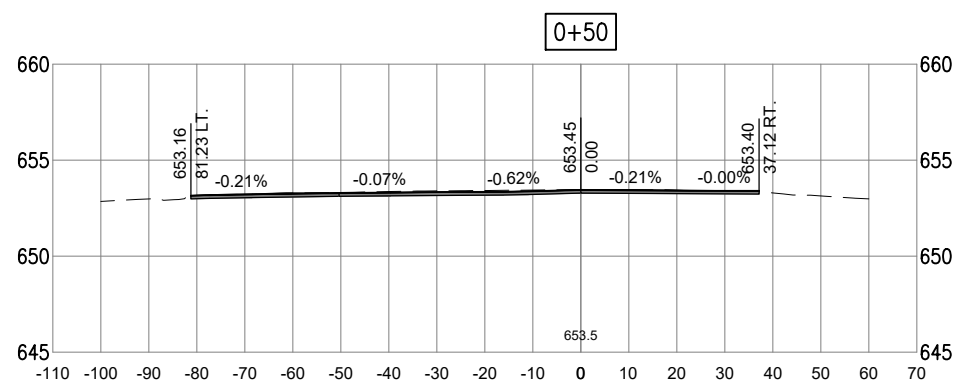
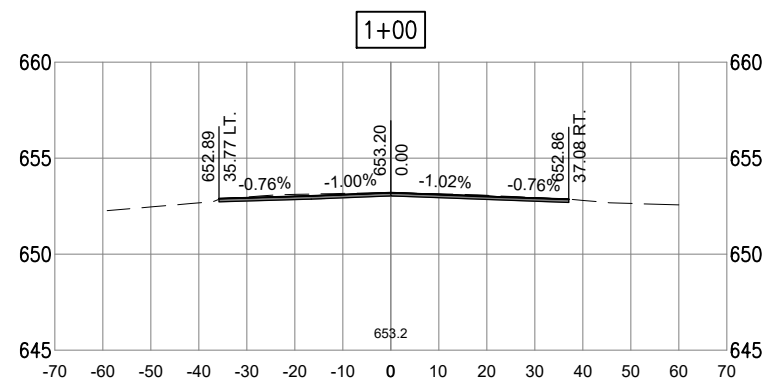
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**PROPOSED CROSS  
SECTIONS - RUNWAY  
9 END TURNAROUND**



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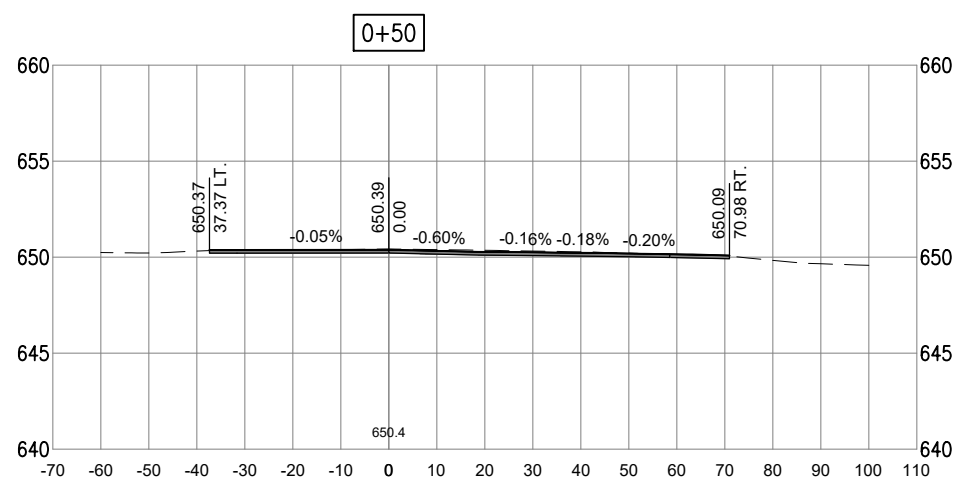
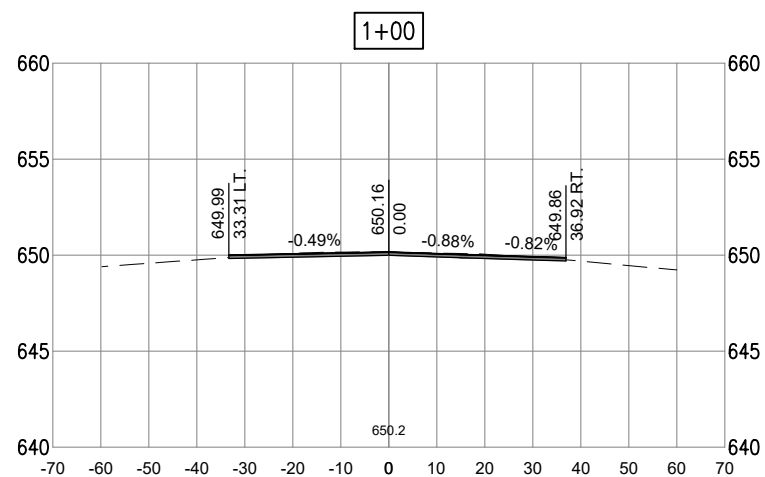
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PROPOSED CROSS  
SECTIONS - RUNWAY  
27 END  
TURNAROUND

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