

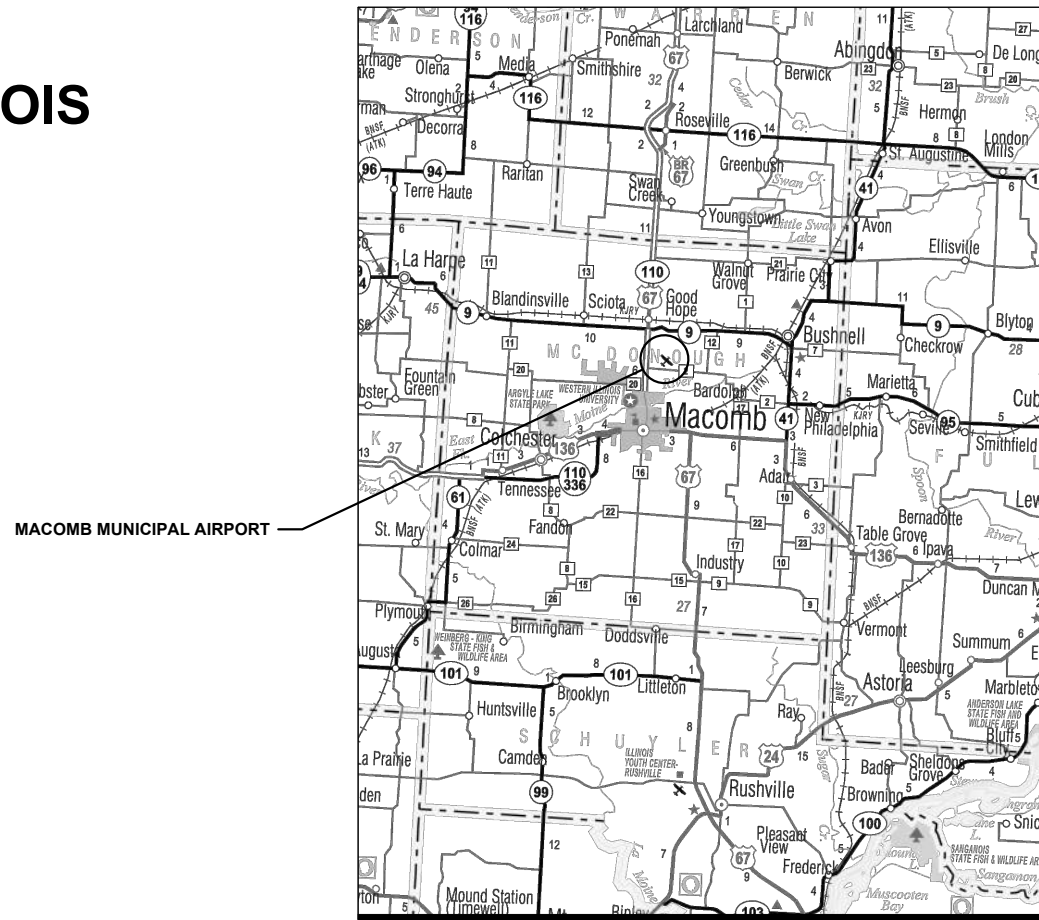
CONSTRUCTION PLANS

REHABILITATE PARALLEL TAXIWAY, PHASE 2

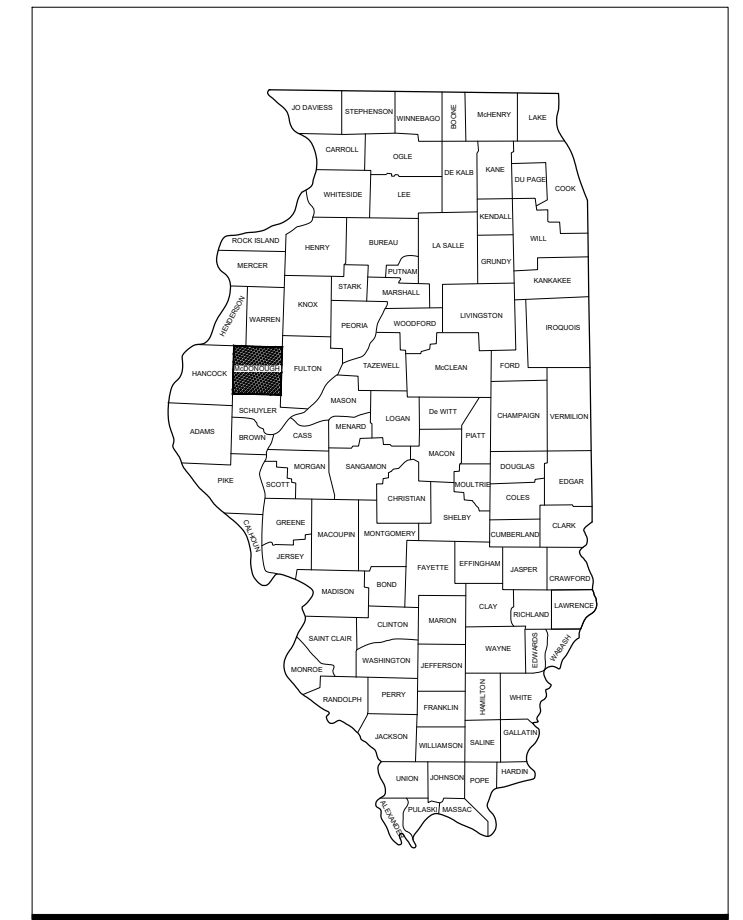
**MACOMB AIRPORT AUTHORITY
MACOMB MUNICIPAL AIRPORT (MQB)
MACOMB, MCDONOUGH COUNTY, ILLINOIS**

**ILLINOIS PROJECT NO. MQB-5070
SBG PROJECT NO. 3-17-SBGP-197**

**NOVEMBER 17, 2023
(100% SUBMITTAL)**



VICINITY MAP



LOCATION MAP

NOTICE TO CONTRACTORS AND BIDDERS

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

MACOMB MUNICIPAL AIRPORT

No.	Issue/Description	Sheets Changed	Date	By

PREPARED BY:



HANSON PROFESSIONAL SERVICES INC.
1525 S. Sixth St.
Springfield, Illinois 62703
Telephone: 217.788.2450
Fax: 217.788.2503



Lindsay Hausman
Lindsay Hausman, P.E. Lic. Exp. 11/30/2025
Project Manager

NOVEMBER 17, 2023
Date



MACOMB MUNICIPAL AIRPORT
MACOMB AIRPORT AUTHORITY
16190 East 1300th Street
Macomb, Illinois 61455
Telephone: 309.833.3324
Fax: 309.836.7721

L. H. Cobb
Lee Cobb
Airport Manager

NOVEMBER 17, 2023
Date

SHEET LIST	
SHEET NO.	SHEET TITLE
1	COVER SHEET
2	SHEET LIST AND SUMMARY OF QUANTITIES
3	SCOPE OF WORK
4	SAFETY PLAN - PHASE 1
5	SAFETY PLAN - PHASE 2
6	SAFETY PLAN NOTES & DETAILS
7	STORMWATER POLLUTION PREVENTION PLAN (SWPPP)
8	SWPPP NOTES & DETAILS
9	TYP. SECTIONS - TWY A2 & A3
10	TYP. SECTIONS - TWY A (EAST)
11	PAVEMENT PATCHING DETAILS
12	MISC. DETAILS
13	PAVEMENT PREPARATION PLAN - TWY A2 & A3
14	PAVEMENT PREPARATION PLAN - TWY A (EAST)
15	PROPOSED PLAN & PROFILE - TWY A2 & A3
16	PROPOSED PLAN & PROFILE - TWY A (EAST) - SHEET 1
17	PROPOSED PLAN & PROFILE - TWY A (EAST) - SHEET 2
18	PROPOSED STAKING PLAN - TWY A2 & A3
19	PROPOSED STAKING PLAN - TWY A (EAST)
20	TWY A2 CROSS-SECTIONS - 0+00 - 1+50
21	TWY A2 CROSS-SECTIONS - 2+00 - 3+50
22	TWY A3 CROSS-SECTIONS - 151+04 - 152+00
23	TWY A3 CROSS-SECTIONS - 152+50 - 154+82
24	TWY A (EAST) CROSS-SECTIONS - 133+00 - 134+50
25	TWY A (EAST) CROSS-SECTIONS - 135+00 - 137+50
26	TWY A (EAST) CROSS-SECTIONS - 138+00 - 140+50
27	TWY A (EAST) CROSS-SECTIONS - 141+00 - 143+50
28	TWY A (EAST) CROSS-SECTIONS - 144+00 - 146+50
29	TWY A (EAST) CROSS-SECTIONS - 147+00 - 149+50
30	TWY A (EAST) CROSS-SECTIONS - 150+00 - 151+02
31	PROPOSED MARKING PLAN - TWY A2 & A3
32	PROPOSED MARKING PLAN - TWY A (EAST)
33	MARKING DETAILS

SUMMARY OF QUANTITIES - BASE BID				
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	AS-BUILT QUANTITY
AR150510	ENGINEER'S FIELD OFFICE	L SUM	1	
AR150520	MOBILIZATION	L SUM	1	
AR150530	TRAFFIC MAINTENANCE	L SUM	1	
AR150900	HAUL ROAD REMOVAL	L SUM	1	
AR152480	SHOULDER ADJUSTMENT	SQ YD	2,668	
AR156511	DITCH CHECK	EACH	3	
AR201661	CLEAN & SEAL BITUMINOUS CRACKS	FOOT	1,400	
AR201670	CRACK CONTROL FABRIC	SQ YD	143.0	
AR401613	BIT. SURF. CSE.-METHOD I, SUPERPAVE	TON	1,274	
AR401650	BITUMINOUS PAVEMENT MILLING	SQ YD	9,845	
AR401660	SAW & SEAL BIT. JOINTS	FOOT	189	
AR401915	REM & REP BIT PAVEMENT-TYPE A	SQ YD	63	
AR401916	REM & REP BIT PAVEMENT-TYPE B	SQ YD	52	
AR603510	BITUMINOUS TACK COAT	GALLON	1,182	
AR620520	PAVEMENT MARKING-WATERBORNE	SQ FT	1,806	
AR620525	PAVEMENT MARKING-BLACK BORDER	SQ FT	3,544	
AR901510	SEEDING	ACRE	0.6	
AR908510	MULCHING	ACRE	0.6	

GENERAL NOTES

- 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 IS TO BE INCLUDED IN THE COSTS OF PERFORMING THESE ITEMS. 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 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, IF APPROVED BY THE ENGINEER.
- ACCESS TO THE SITE SHALL BE RESTRICTED EXCLUSIVELY TO THE DESIGNATED CONSTRUCTION ENTRANCE, STAGING AREA, AND HAUL ROUTE. NO EQUIPMENT OR PERSONNEL SHALL BE PERMITTED OUTSIDE THE GENERAL PROJECT AREA.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT AND KEEP CLEAN OF DEBRIS ALL EXISTING AIRFIELD AND ROADWAY PAVEMENTS AT ALL TIMES. ANY DAMAGE TO EXISTING ELECTRICAL, DRAINAGE, AND PAVEMENT STRUCTURES SHALL BE IMMEDIATELY REPAIRED AT NO ADDITIONAL COST TO THE CONTRACT.
- CONTRACTOR IS REQUIRED TO PROVIDE THEIR OWN RESTROOM FACILITIES.
- THE LOCATION OF THE ENGINEER'S FIELD OFFICE WILL BE DETERMINED AT THE PRE-CONSTRUCTION MEETING.
- THE OWNER SHALL HAVE THE RIGHT OF FIRST REFUSAL FOR ALL SALVAGEABLE MATERIAL REMOVED ON THE PROJECT.
- 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.
- THE CONTRACTOR SHALL PROVIDE ONE SET OF PRELIMINARY REDLINED RECORD DRAWINGS TO THE RESIDENT ENGINEER AT THE COMPLETION OF THE PROJECT FOR INCORPORATION INTO THE OFFICIAL RECORD DRAWINGS HE WILL PREPARE.
- 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 AUTHORITIES FOR THE PURPOSE OF LOCATING AND PROTECTING EXISTING UNDERGROUND UTILITIES.
- NPDES PERMIT - THIS PROJECT WILL DISTURB MORE THAN 1 ACRE, THEREFORE A NPDES PERMIT IS REQUIRED.
- MATERIAL CERTIFICATIONS - MATERIALS CANNOT BE INSTALLED UNTIL ALL THE MATERIAL CERTIFICATIONS FOR THAT ITEM HAVE BEEN RECEIVED, REVIEWED AND ACCEPTED BY THE RESIDENT ENGINEER. MATERIALS INSTALLED WITHOUT APPROVAL ARE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
- CERTIFIED PAYROLLS - THE RESIDENT ENGINEER CANNOT FORWARD A CONSTRUCTION REPORT FOR PAYMENT TO THE IDOT-DIVISION OF AERONAUTICS FOR PROCESSING UNTIL ALL CERTIFIED PAYROLLS FOR THAT PERIOD HAVE BEEN RECEIVED.

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 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 HIS 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.

J.U.L.I.E. INFORMATION

COUNTY _____ MCDONOUGH
 CITY _____ MACOMB
 TOWNSHIP _____ MACOMB T6N, R2W
 SECTION NO. _____ 7,8
 ADDRESS _____ MACOMB MUNICIPAL AIRPORT
 16190 EAST 1300TH ST
 MACOMB, ILLINOIS 61455



Engineering | Architecture | Planning | Allied Services

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Hanson Professional Services Inc.
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Illinois Licensed
 Professional Service Corporation
 #184-001084



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 16190 East 1300th Street
 Macomb, Illinois 61455
 Telephone: 309.833.3324
 Fax: 309.836.7721

**REHABILITATE
 PARALLEL TAXIWAY,
 PHASE 2**

IDA No: MQB-5070
 SBGP No: 3-17-SBGP-197
 Contract No: MB036

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: 11/17/23
 PROJECT NO: 23A0068D
 CAD FILE: G-002-S00.DWG
 DESIGN BY: MJD 6/02/2023
 DRAWN BY: JAP 6/06/2023
 REVIEWED BY: LDH 11/1/2023

SHEET TITLE

**SHEET LIST AND
 SUMMARY OF
 QUANTITIES**

SURVEY NOTES

- ALL COORDINATE VALUES SHOWN IN TABLES ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD-83 (2011). ALL ELEVATIONS ARE REFERENCED TO NAVD 88.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND ANY EXTENSION OF THE CONTROL NETWORK NEEDED TO PROPERLY COMPLETE THE WORK.

CONTROL POINTS				
POINT NO.	NORTHING	EASTING	ELEV.	DESCRIPTION
MACPORT	1,403,476.08	2,161,141.29	684.55	DISK IN CONC. MONUMENT
MACPORT AZ MK2	1,403,421	2,164,096	676.04	DISK IN CONC. MONUMENT

ALIGNMENT DATA				
ALIGNMENT	LOCATION	STATION	EASTING	NORTHING
TAXIWAY A (EAST)	BEGIN	119+40.89	2161078.19	1403156.11
	END	151+02.62	2164239.83	1403131.90
TAXIWAY A2	BEGIN	0+00.00	2162509.66	1403145.15
	END	4+00.91	2162512.48	1403546.04
TAXIWAY A3	BEGIN	150+82.50	2164219.37	1403084.04
	END	155+32.50	2164222.53	1403534.03



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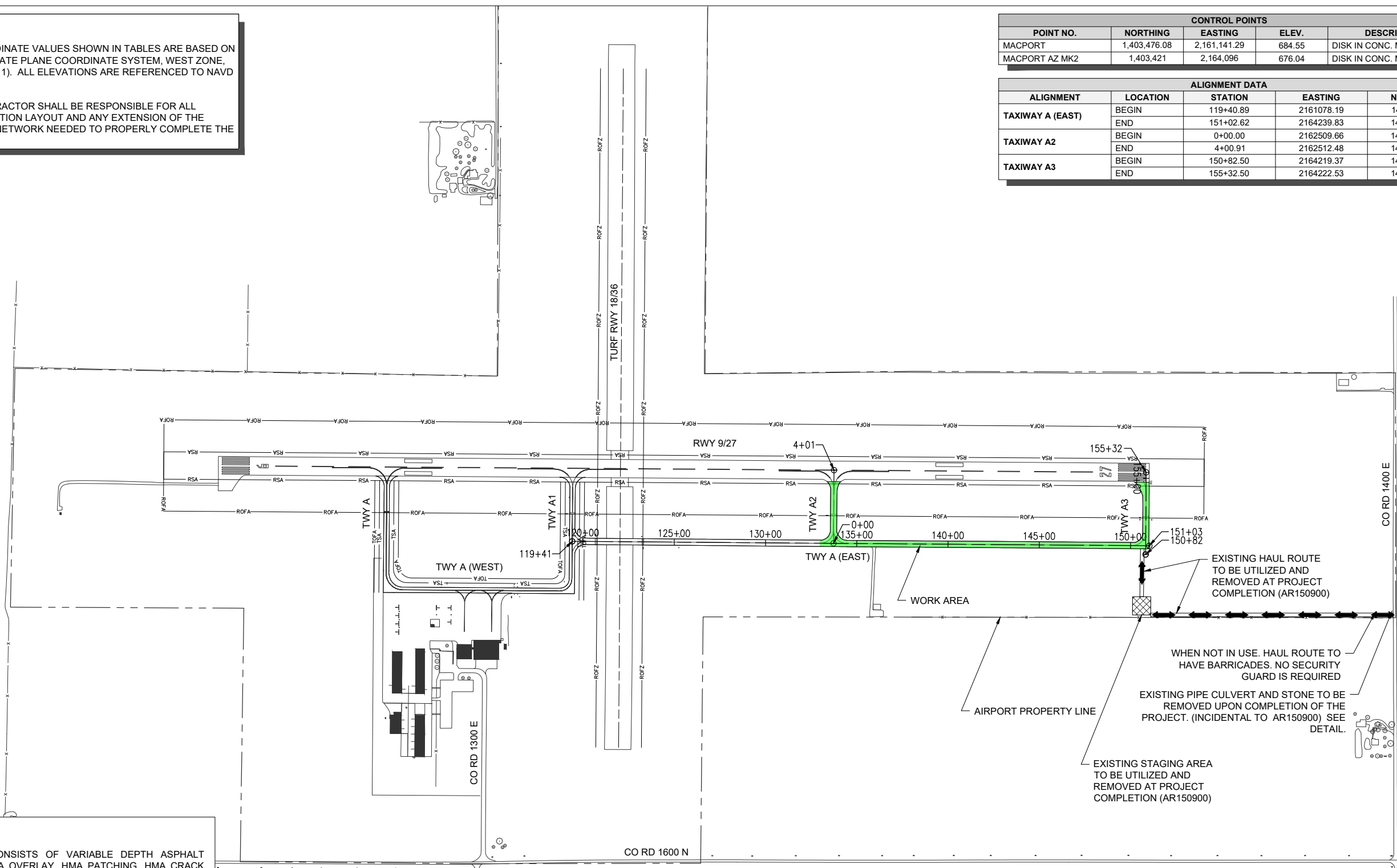
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REHABILITATE PARALLEL TAXIWAY, PHASE 2

IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
Contract No: MB036

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: 11/17/23
PROJECT NO: 23A0068D
CAD FILE: G-103-SOW.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/17/2023

SHEET TITLE

SCOPE OF WORK

SCOPE OF WORK

- PROJECT CONSISTS OF VARIABLE DEPTH ASPHALT MILLING, HMA OVERLAY, HMA PATCHING, HMA CRACK SEALING, SHOULDER ADJUSTMENT, SEEDING, AND MULCHING ON TAXIWAYS A2, A3 AND A PORTION OF TAXIWAY A (EAST).

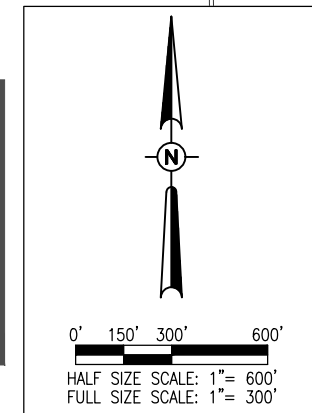
GENERAL

- MACOMB MUNICIPAL AIRPORT IS A NON-TOWER CONTROLLED, GENERAL AVIATION AIRPORT COMPRISED OF ONE PAVED RUNWAY (RUNWAY 9/27) AND ONE TURF RUNWAY (RUNWAY 18/36).
- THE PROPOSED CONSTRUCTION WILL REQUIRE THE CLOSURES OF PORTIONS OF TAXIWAY A (EAST), A2, AND A3 FOR THE DURATION OF THE PROJECT. RUNWAY 9/27, AND PORTIONS OF TAXIWAY A, AND A1 WILL BE CLOSED AT VARIOUS TIMES THROUGHOUT THE PROJECT. TAXIWAY A (WEST) AND RUNWAY 18/36 WILL REMAIN OPEN.

AIRFIELD SAFETY

- AIRFIELD SAFETY SHALL BE HELD PARAMOUNT AT ALL TIMES. ANY INDIVIDUALS RESPONSIBLE FOR INCURSIONS OR POTENTIAL INCURSIONS WITH AIR TRAFFIC DUE TO NON-COMPLIANCE WITH REQUIREMENTS SET FORTH IN THESE PLANS, SPECIFICATIONS, SPECIAL PROVISIONS, AND FAA ADVISORY CIRCULAR 150/5370-2 (CURRENT EDITION) WILL BE SUBJECT TO AN IMMEDIATE SUSPENSION OF DRIVING PRIVILEGES ON THE AIRPORT OR A COMPLETE RESTRICTION FROM ENTERING THE AIR OPERATIONS AREA ALTOGETHER. THE AIRPORT MANAGER OR RESIDENT ENGINEER/TECHNICIAN MAY STOP THE WORK AT ANY TIME THEY BELIEVE AIRFIELD SAFETY IS BEING COMPROMISED.
- AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. ONLY CONTRACTOR EMPLOYEES SHALL BE ALLOWED WITHIN THE PROJECT LIMITS.

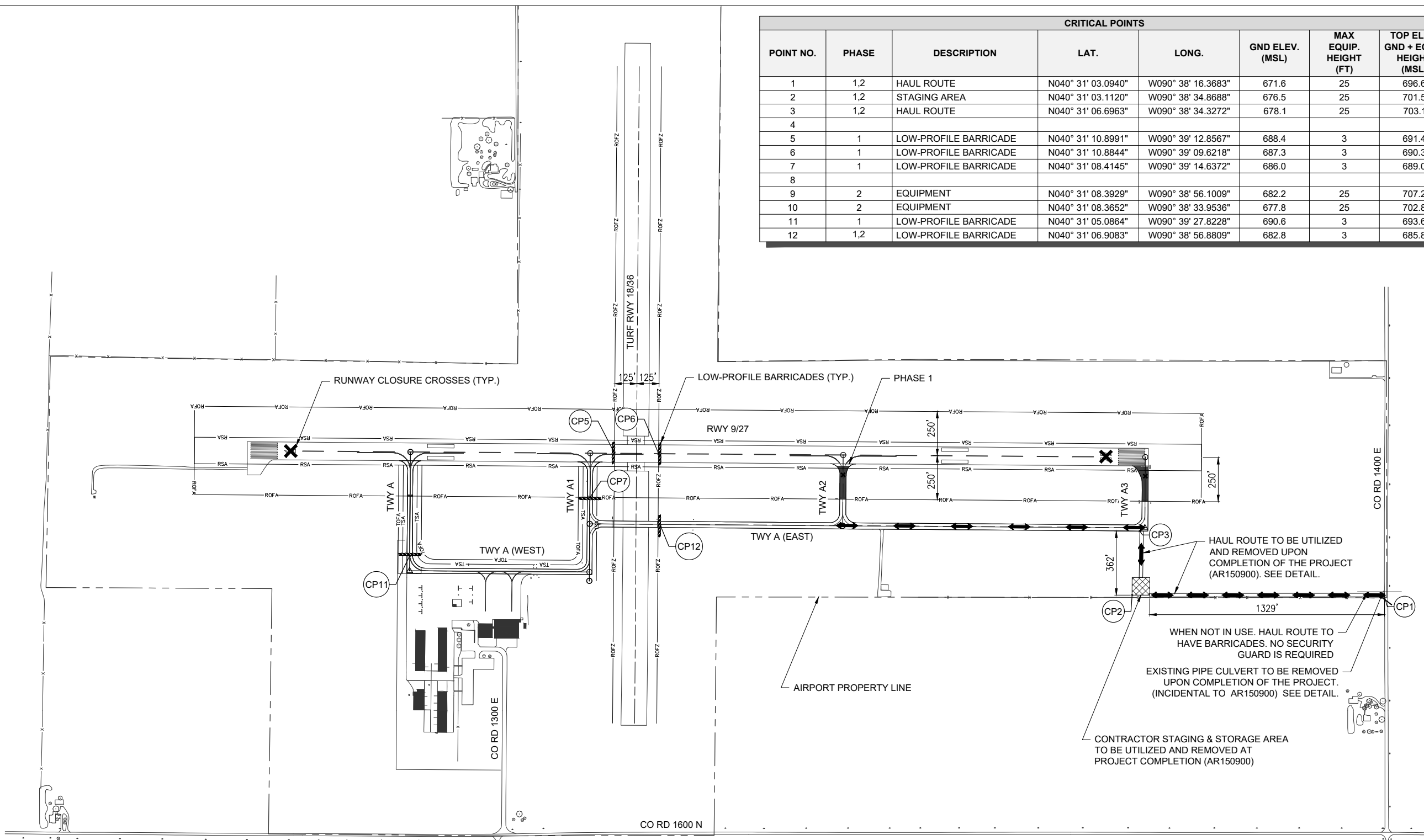
EXISTING	PROPOSED	LEGEND
— RSA —		RUNWAY SAFETY AREA (RSA)
— ROFA —		RUNWAY OBJECT FREE AREA (ROFA)
— ROFZ —		RUNWAY OBSTACLE FREE ZONE (ROFZ)
— TSA —		TAXIWAY SAFETY AREA (TSA)
— TOFA —		TAXIWAY OBJECT FREE AREA (TOFA)
	[Hatched Pattern]	WORK AREA
	[Cross-hatched Pattern]	STAGING AREA
	[Double Arrow]	TEMPORARY HAUL ROUTE / ACCESS ROUTE



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CRITICAL POINTS							
POINT NO.	PHASE	DESCRIPTION	LAT.	LONG.	GND ELEV. (MSL)	MAX EQUIP. HEIGHT (FT)	TOP ELEV. GND + EQUIP HEIGHT (MSL)
1	1,2	HAUL ROUTE	N040° 31' 03.0940"	W090° 38' 16.3683"	671.6	25	696.6
2	1,2	STAGING AREA	N040° 31' 03.1120"	W090° 38' 34.8688"	676.5	25	701.5
3	1,2	HAUL ROUTE	N040° 31' 06.6963"	W090° 38' 34.3272"	678.1	25	703.1
4							
5	1	LOW-PROFILE BARRICADE	N040° 31' 10.8991"	W090° 39' 12.8567"	688.4	3	691.4
6	1	LOW-PROFILE BARRICADE	N040° 31' 10.8844"	W090° 39' 09.6218"	687.3	3	690.3
7	1	LOW-PROFILE BARRICADE	N040° 31' 08.4145"	W090° 39' 14.6372"	686.0	3	689.0
8							
9	2	EQUIPMENT	N040° 31' 08.3929"	W090° 38' 56.1009"	682.2	25	707.2
10	2	EQUIPMENT	N040° 31' 08.3652"	W090° 38' 33.9536"	677.8	25	702.8
11	1	LOW-PROFILE BARRICADE	N040° 31' 05.0864"	W090° 39' 27.8228"	690.6	3	693.6
12	1,2	LOW-PROFILE BARRICADE	N040° 31' 06.9083"	W090° 38' 56.8809"	682.8	3	685.8



REHABILITATE PARALLEL TAXIWAY, PHASE 2

IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
Contract No: MB036

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: 11/17/23
PROJECT NO: 23A0068D
CAD FILE: G-104-CSPP.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/17/2023

SHEET TITLE

SAFETY PLAN - PHASE 1

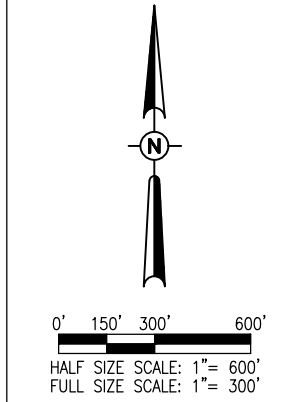
PHASE 3
WORK TO BE COMPLETED

- MILLING, PATCHING, PAVING, CRACK SEALING, MARKING, SHOULDER ADJUSTMENT, SEEDING, AND MULCHING SHALL BE COMPLETED UNDER THIS PHASE.

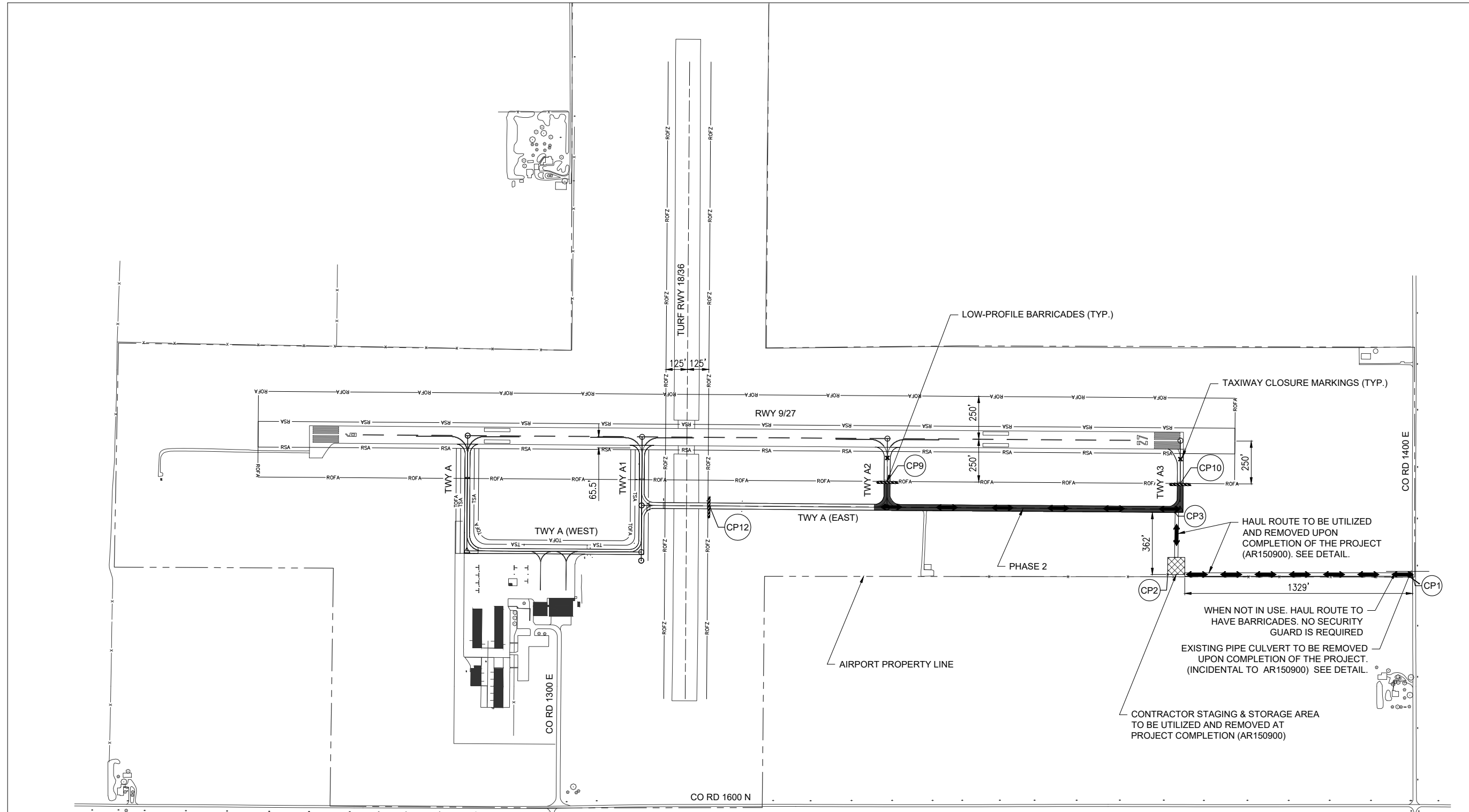
AIRFIELD CLOSURES AND CHANGES

- RUNWAY 9/27 WILL BE CLOSED.
- RUNWAY 18/36 WILL BE OPEN.
- TAXIWAY A, TAXIWAY A1, TAXIWAY A2, TAXIWAY A3, AND PORTIONS OF TAXIWAY A (EAST) WILL BE CLOSED AS DEPICTED.

EXISTING	PROPOSED	LEGEND
— RSA —		RUNWAY SAFETY AREA (RSA)
— ROFA —		RUNWAY OBJECT FREE AREA (ROFA)
— ROFZ —		RUNWAY OBSTACLE FREE ZONE (ROFZ)
— TSA —		TAXIWAY SAFETY AREA (TSA)
— TOFA —		TAXIWAY OBJECT FREE AREA (TOFA)
	■	PROPOSED AIRFIELD WORK AREA
	▨	STAGING AREA
	✕	TEMPORARY RUNWAY CLOSURE CROSS (AR150530)
	✕	TEMPORARY TAXIWAY CLOSURE CROSS (AR150530)
	▬▬▬	LOW PROFILE BARRICADE (AR150530)
	↔	TEMPORARY HAUL ROUTE / ACCESS ROUTE
	①	SAFETY CRITICAL POINT



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REHABILITATE
PARALLEL TAXIWAY,
PHASE 2

IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
Contract No: MB036

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: 11/17/23
PROJECT NO: 23A0068D
CAD FILE: G-104-CSPP.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/1/2023

SHEET TITLE

SAFETY PLAN -
PHASE 2

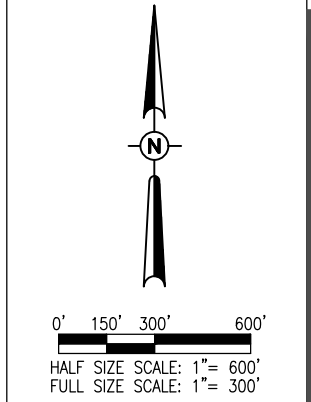
PHASE 4
WORK TO BE COMPLETED

- MILLING, PATCHING, PAVING, CRACK SEALING, MARKING, SHOULDER ADJUSTMENT, SEEDING, AND MULCHING SHALL BE COMPLETED UNDER THIS PHASE.

AIRFIELD CLOSURES AND CHANGES

- BOTH RUNWAY 9/27 AND TURF RUNWAY 18/36 WILL BE OPENED.
- TAXIWAY A2, TAXIWAY A3, AND TAXIWAY A (EAST) WILL BE CLOSED.

EXISTING	PROPOSED	LEGEND
— RSA —		RUNWAY SAFETY AREA (RSA)
— ROFA —		RUNWAY OBJECT FREE AREA (ROFA)
— ROFZ —		RUNWAY OBSTACLE FREE ZONE (ROFZ)
— TSA —		TAXIWAY SAFETY AREA (TSA)
— TOFA —		TAXIWAY OBJECT FREE AREA (TOFA)
		PROPOSED AIRFIELD WORK AREA
		STAGING AREA
		TEMPORARY RUNWAY CLOSURE CROSS (AR150530)
		TEMPORARY TAXIWAY CLOSURE CROSS (AR150530)
		LOW PROFILE BARRICADE (AR150530)
		TEMPORARY HAUL ROUTE / ACCESS ROUTE
		SAFETY CRITICAL POINT



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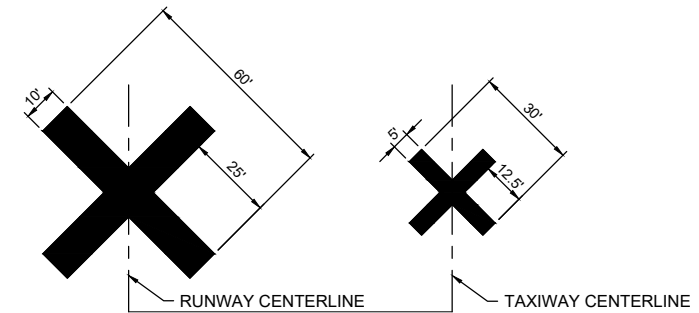
SAFETY NOTES

- ALL PROVISIONS OF THE LATEST EDITION OF FAA ADVISORY CIRCULAR AC 150/5370-2 (CURRENT EDITION), "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION", APPLY TO THIS CONTRACT, EXCEPT AS MODIFIED BY THIS SAFETY PLAN, ANY REVISIONS MUST BE APPROVED BY THE FAA, THE AIRPORT AND THE ENGINEER.
- 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.
- NO CONSTRUCTION VEHICLES SHALL BE DRIVEN ACROSS ANY ACTIVE (OPEN) AIRFIELD PAVEMENT AREA WITHOUT AN APPROPRIATE ESCORT. CONSTRUCTION EQUIPMENT OR CONSTRUCTION ACTIVITY WILL NOT BE PERMITTED WITHIN 250' OF RWY 9/27 AND/OR 125' OF RWY 18/36 (DISTANCES MEASURED FROM ACTIVE CENTERLINES) UNLESS CLOSED OR OTHERWISE NOTED. CONSTRUCTION EQUIPMENT OR CONSTRUCTION ACTIVITY WILL ALSO NOT BE PERMITTED WITHIN WITHIN 65.5' OF ANY ACTIVE AIRPORT TAXIWAY CENTERLINE OR APRON UNLESS OTHERWISE NOTED.
- 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 150/5210-5, "PAINTING, MARKING, AND LIGHTING OF VEHICLES USED ON AN AIRPORT" LATEST EDITION.
- NO CONSTRUCTION MATERIAL STOCKPILES SHALL BE LOCATED WITHIN 250' OF ANY ACTIVE RUNWAY, WITHIN 65.5' OF ANY OTHER ACTIVE AIRPORT OPERATIONS AREA, OR PENETRATE A PART 77 IMAGINARY SURFACE (PROVIDED BY THE RESIDENT ENGINEER/TECHNICIAN) EXTENDING OUT AND UPWARDS FROM ALL SIDES OF AN ACTIVE RUNWAY.
- CLOSED AIRFIELD PHASING AREAS, OPEN TRENCHES, AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHALL BE PROMINENTLY MARKED WITH LIGHTED BARRICADES WITH STEADY BURNING OR FLASHING RED LIGHTS AS SPECIFIED IN 150/5370-2, "OPERATIONAL SAFETY ON AIRPORT DURING CONSTRUCTION", LATEST EDITION. LIGHTED BARRICADES MUST BE NO TALLER THAN 18" (EXCLUSIVE OF SUPPLEMENTARY LIGHTS AND FLAGS) ON THE TAXIWAYS AND COMPLY WITH ADVISORY CIRCULAR 150/5370-2, LATEST EDITION. CONTRACTOR SHALL NIGHT CHECK BARRICADES DAILY FOR PROPER OPERATION.
- 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 WITHOUT THE APPROVAL OF THE AIRPORT MANAGER AND ADDITIONAL AIRSPACE APPROVAL BY THE FAA. AIRSPACE APPROVALS REQUIRE CONSIDERABLE LEAD TIME AND SHOULD BE REQUESTED WELL IN ADVANCE.
- NO OPEN FLAME WELDING OR TORCH CUTTING OPERATION IS PERMITTED UNLESS ADEQUATE FIRE AND SAFETY PRECAUTIONS ARE PROVIDED AND HAVE BEEN APPROVED BY THE AIRPORT MANAGER NO FLARE POTS ARE ALLOWED ON THE PROJECT.
- SOIL, DEBRIS, AND LOOSE MATERIAL DROPPED OR TRUCKED ONTO AIRPORT ROADS, TAXIWAYS, AND SOD SURFACES, OR WHICH CAN BE BLOWN ONTO SUCH SURFACES, SHALL BE IMMEDIATELY SWEEPED, PICKED UP AND REMOVED, OR PLACED INTO CLOSED CONTAINERS. ANY DAMAGE TO AIRPORT PROPERTY SHALL BE REPAIRED IMMEDIATELY AT NO COST TO THE OWNER.
- CONTRACTOR SHALL TAKE MEASURES TO AVOID TRACKING BITUMINOUS TACK COAT ASSOCIATED WITH PAVING PROJECTS ONTO ADJACENT PAVEMENT AREAS, ESPECIALLY GROOVED RUNWAY PAVEMENTS, UNLESS SUFFICIENT PROTECTION HAS BEEN APPLIED. HEAVY TRACKING OR DAMAGE TO ADJACENT PAVEMENTS AND GROOVED SURFACES MAY BE CAUSE FOR STOPPING THE WORK UNTIL ACCEPTABLE PROTECTION OR CHANGE IN WORK METHODS HAS BEEN PROVIDED.
- 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.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR IMPLEMENTING MEASURES TO CONTROL OR AVOID CREATING ATTRACTANTS TO WILDLIFE. MEASURES MAY INCLUDE CONTINUOUSLY REMOVING ANY WASTE OR LOOSE MATERIALS. PLACEMENT OF MATERIALS IN APPROPRIATE STORAGE CONTAINERS, PROPERLY MAINTAINING FENCES AND GATES TO PREVENT ACCESS, AND PREVENTING PONDING OF WATER THROUGHOUT THE SITE.
- UNLESS SPECIFIED OTHERWISE, COST FOR SAFETY, STAGING, AND TRAFFIC MAINTENANCE ITEMS IS TO BE CONSIDERED INCIDENTAL TO THE PROJECT. SEPARATE PAYMENT SHALL NOT BE MADE.
- THE CONTRACTOR SHALL HAVE THE SAFETY PLAN COMPLIANCE DOCUMENT (SPCD), AS DETAILED IN THE SPECIAL PROVISIONS, SUBMITTED AND APPROVED PRIOR TO BEING ISSUED "NOTICE TO PROCEED".
- ALL RUNWAY/TAXIWAY CLOSURES SHALL BE COORDINATED WITH AIRPORT MANAGEMENT A MINIMUM OF 7 DAYS BEFORE THE DESIRED CLOSING TIME TO ALLOW FOR THE PROPER COORDINATION. AIRPORT MANAGEMENT HAS COMPLETE AUTHORITY IN DETERMINING WHEN THE RUNWAY/TAXIWAY MAY BE CLOSED.
- RUNWAY/TAXIWAY CLOSURE PROCEDURES:
 - CONTACT THE AIRPORT MANAGEMENT OR ASSIGNED REPRESENTATIVE A MINIMUM OF 7 DAYS BEFORE THE DESIRED CLOSING TIME.
 - ISSUANCE OF NOTAM AND DEACTIVATION OF THE APPLICABLE AIRFIELD LIGHTING AND NAVAIDS BY THE AIRPORT MANAGEMENT AND/OR FAA.
 - PLACEMENT OF CROSSES AND BARRICADES.
 - ONLY AT THE TIME THAT ALL OF THE ABOVE ARE COMPLETED MAY ANY CONSTRUCTION OPERATIONS BEGIN WITHIN THE RUNWAY/TAXIWAY AIR OPERATIONS AREA.

RUNWAY/TAXIWAY RE-OPENING PROCEDURES:

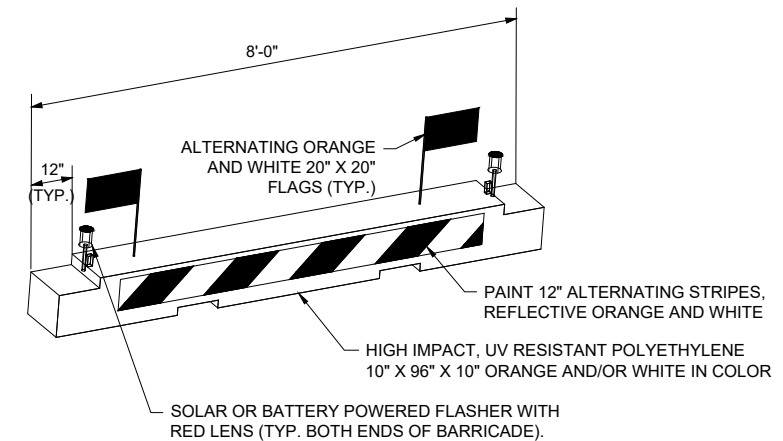
- ENSURE ALL PERSONNEL, EQUIPMENT AND MATERIALS ARE CLEAR OF THE AIR OPERATIONS AREA.
- INSPECT THE AREA FOR LOOSE OR TRACKED DEBRIS, PAVEMENT DROP-OFFS, AND OPEN TRENCHES.
- CONTACT AIRPORT MANAGEMENT OR REPRESENTATIVE FOR FINAL INSPECTION OF THE AREA.
- REMOVE BARRICADES AND CROSSES.
- ACTIVATION OF THE AIRFIELD LIGHTING AND NAVAIDS AND CANCELLATION OF THE NOTAM BY THE AIRPORT MANAGEMENT AND/OR FAA.



TEMPORARY CLOSURE CROSS DETAIL

NOT TO SCALE

- TEMPORARY "CLOSED RUNWAY" AND "CLOSED TAXIWAY" MARKINGS SHALL BE "AVIATION YELLOW"
- TEMPORARY "CLOSED RUNWAY" AND "CLOSED TAXIWAY" MARKINGS SHALL BE CONSTRUCTED OF PLYWOOD, DOUBLE-LAYERED SNOW FENCE OR APPROVED FABRIC AND SHALL BE SECURED TO PAVEMENT BY SANDBAGS OR OTHER APPROVED METHOD.
- TEMPORARY "CLOSED RUNWAY" MARKINGS SHALL BE PLACED OVER THE RUNWAY DESIGNATION NUMBERS UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN.
- COST FOR PROVIDING, PLACING, MAINTAINING, RELOCATING AND REMOVING "CLOSED RUNWAY" AND "CLOSED TAXIWAY" MARKINGS SHALL BE INCLUDED IN PAY ITEM AR150530 TRAFFIC MAINTENANCE.



LOW PROFILE AIRCRAFT BARRICADE DETAIL

BARRICADE NOTES

- ALL CONSTRUCTION SIGNS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES INCLUDING THE ILLINOIS SUPPLEMENT (LATEST EDITION) AND THE FAA ADVISORY CIRCULARS (LATEST EDITION) UNLESS NOTED OTHERWISE. THE FAA OR MORE STRINGENT SPECIFICATIONS SHALL GOVERN.
- BARRICADES SHALL BE INTERLOCKED END TO END OVER THE LENGTH OF THE PAVEMENT WHERE PROTECTING OPEN RUNWAYS, AND SPACED END TO END A MAXIMUM OF 4 FEET IN OTHER ALL OTHER AREAS. BARRICADES ARE TO BE SET BACK FROM THE ACTIVE RUNWAY OR TAXIWAY CENTERLINE THE DISTANCE AS SHOWN ON THE PLANS.
- CONSTRUCTION RED WARNING LIGHT: THESE ARE PORTABLE, LENS DIRECTED, ENCLOSED LIGHTS. THE COLOR OF THE LIGHT EMITTED SHALL BE RED. THEY MAY BE USED IN EITHER A STEADY BURN (TYPE C) OR LOW INTENSITY FLASHING MODE (TYPE A) UNLESS NOTED OTHERWISE.
- THE LIGHTING SHALL BE MAINTAINED IN OPERATION DURING THE HOURS OF DARKNESS BETWEEN 1/2 HOUR AFTER SUNSET AND 1/2 HOUR BEFORE SUNRISE AND WHEN CONDITIONS EXIST WHICH TEND TO OBSCURE VISION.
- BARRICADES SHALL BE SECURED TO THE GROUND BY APPROVED METHODS TO PREVENT MOVEMENT BY PROP WASH, JET BLAST OR OTHER WIND CURRENTS.
- THE ONLY COLOR COMBINATION ON BARRICADES IS ORANGE AND WHITE. THE ORANGE STRIPES SHALL BE ENCAPSULATED LENS REFLECTIVE SHEETING. THE WHITE STRIPES SHALL BE EITHER ENCAPSULATED OR ENCLOSED LENS REFLECTIVE SHEETING AND MUST BE IN ACCEPTABLE CONDITION.
- COST FOR PROVIDING, PLACING, MAINTAINING, RELOCATING AND REMOVING BARRICADES SHALL BE INCLUDED IN PAY ITEM AR150530 TRAFFIC MAINTENANCE.



REHABILITATE PARALLEL TAXIWAY, PHASE 2

IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
Contract No: MB036

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: 11/17/23
PROJECT NO: 23A0068D
CAD FILE: G-104-CSPP.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/1/2023

SHEET TITLE

SAFETY PLAN NOTES & DETAILS



SITE DETAILS

AREA OF CONSTRUCTION SITE: 3.60 ACRES

AREA OF SOIL DISTURBANCE: 1.51 ACRES

SITE INFORMATION

SOIL INFORMATION: 43A - IPAVA SILT LOAM, 0 - 2 PERCENT SLOPES.

NOTE: PROPOSED WORK ONLY INCLUDES AREAS 10-FT OFF PAVEMENT EDGE IN PREVIOUSLY DISTURBED SOIL.

EROSION HAZARD: NONE/SLIGHT

RECEIVING WATERS: UNNAMED TRIBUTARY OF FARMERS FORK (HUC12 - 071300100301)

REHABILITATE PARALLEL TAXIWAY, PHASE 2

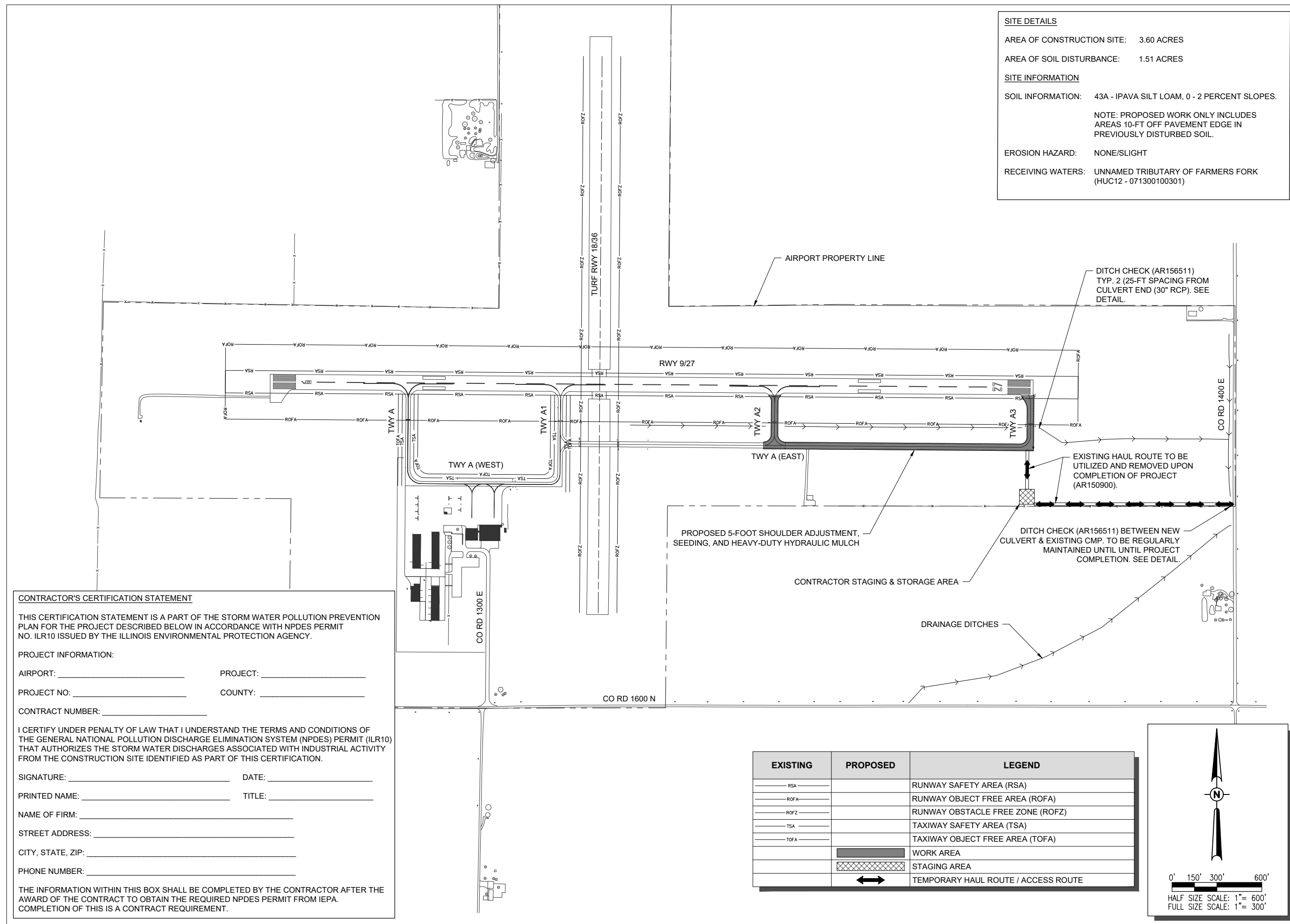
IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
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NO.	DATE	DESCRIPTION		
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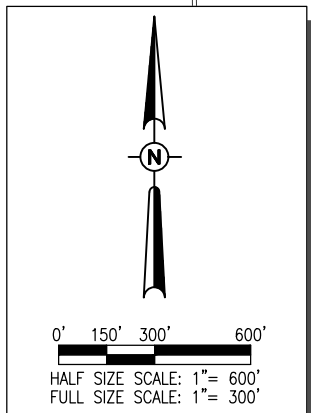
ISSUE: 11/17/23
PROJECT NO: 23A0068D
CAD FILE: C-104-SWPPP.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/1/2023

SHEET TITLE

STORMWATER POLLUTION PREVENTION PLAN (SWPPP)



EXISTING	PROPOSED	LEGEND
— RSA —		RUNWAY SAFETY AREA (RSA)
— ROFA —		RUNWAY OBJECT FREE AREA (ROFA)
— ROFZ —		RUNWAY OBSTACLE FREE ZONE (ROFZ)
— TSA —		TAXIWAY SAFETY AREA (TSA)
— TOFA —		TAXIWAY OBJECT FREE AREA (TOFA)
	▬	WORK AREA
	▨	STAGING AREA
	↔	TEMPORARY HAUL ROUTE / ACCESS ROUTE



CONTRACTOR'S CERTIFICATION STATEMENT

THIS CERTIFICATION STATEMENT IS A PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR THE PROJECT DESCRIBED BELOW IN ACCORDANCE WITH NPDES PERMIT NO. ILR10 ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY.

PROJECT INFORMATION:

AIRPORT: _____ PROJECT: _____

PROJECT NO: _____ COUNTY: _____

CONTRACT NUMBER: _____

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT (ILR10) THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

SIGNATURE: _____ DATE: _____

PRINTED NAME: _____ TITLE: _____

NAME OF FIRM: _____

STREET ADDRESS: _____

CITY, STATE, ZIP: _____

PHONE NUMBER: _____

THE INFORMATION WITHIN THIS BOX SHALL BE COMPLETED BY THE CONTRACTOR AFTER THE AWARD OF THE CONTRACT TO OBTAIN THE REQUIRED NPDES PERMIT FROM IEPA. COMPLETION OF THIS IS A CONTRACT REQUIREMENT.

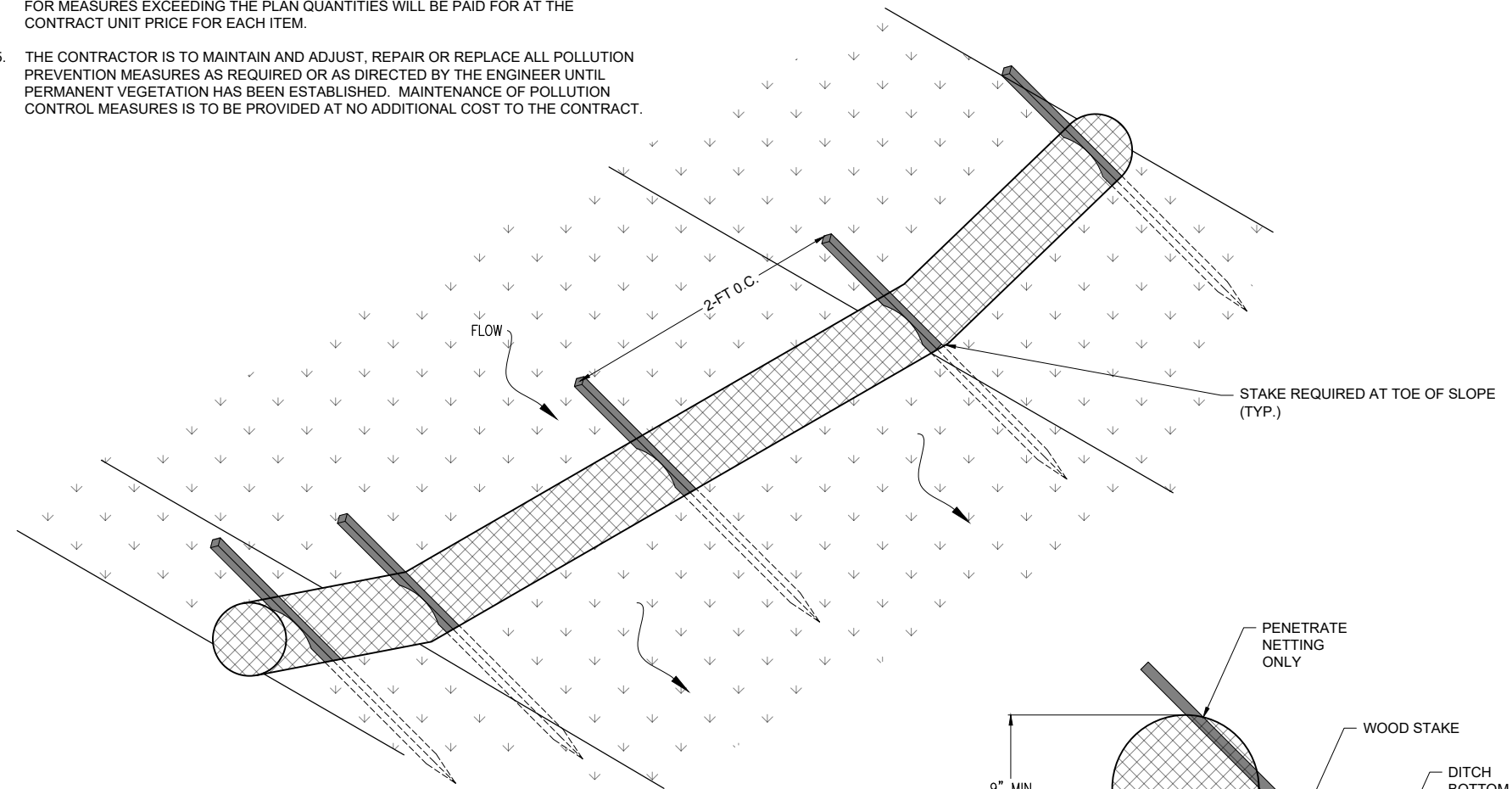
NOV 27, 2023 1:18 PM HANSM00682 1:23:08S\23A0068D\CAD\AIRPORT\REPORT\SHEETC-104-SWPPP.DWG

SEDIMENTATION AND EROSION CONTROL

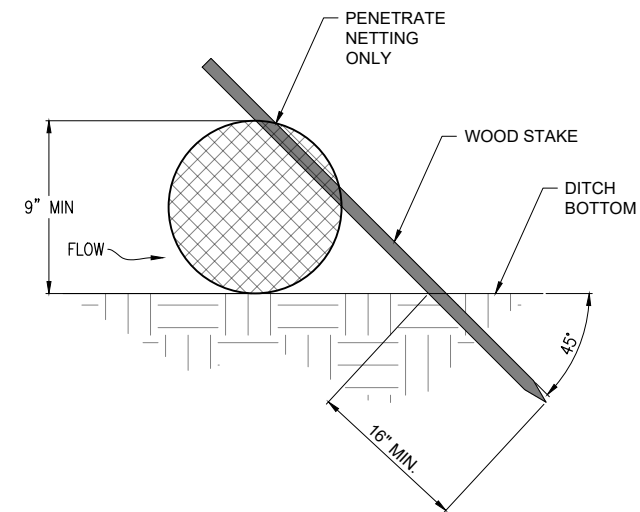
- A. SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- B. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
 - UPON COMPLETION OF SEDIMENT AND RUNOFF CONTROL MEASURES (INCLUDING PERIMETER CONTROLS AND DIVERSIONS), PRIOR TO PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING.
 - AFTER EVERY SEVEN (7) CALENDAR DAYS OR STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
- C. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
- D. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE OR REDISTURBANCE.
- E. ALL STOCKPILES SHALL HAVE APPROPRIATE MEASURES TO PREVENT EROSION. STOCKPILES SHALL NOT BE PLACED IN FLOOD PRONE AREAS OR WETLANDS AND DESIGNATED BUFFERS.
- F. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED.
- G. ALL TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.

CONTRACTOR RESPONSIBILITIES

1. THE CONTRACTOR SHALL IMPLEMENT ALL PROVISIONS OF THE CONTRACT DOCUMENTS TO ASSURE THAT STORM WATER POLLUTION PREVENTION ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY MANNER. SEDIMENTATION MUST NOT BE TRANSPORTED OFF THE CONSTRUCTION SITE. PERMANENT DRAINAGE FEATURES AND VEGETATIVE MEASURES SHALL BE PROVIDED AS SOON AS POSSIBLE.
2. THE MAINTENANCE OF ALL STORM WATER POLLUTION PREVENTION MEASURES IS INCIDENTAL TO THE ASSOCIATED ITEM.
3. THE CONTRACTOR SHALL BE REQUIRED TO IMPLEMENT AND MAINTAIN STORM WATER POLLUTION PREVENTION PRACTICES AND MEASURES PRIOR TO THE STRIPPING OF EXISTING VEGETATION WHEREVER POSSIBLE AND AS SOON AS CONSTRUCTION PERMITS IN OTHER AREAS. POLLUTION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, INCLUDING THESE CONSTRUCTION PLANS, AND WITH STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, CURRENT ISSUE. THE CONTRACTOR SHALL ADJUST HIS OPERATIONS AND IMPLEMENT POLLUTION CONTROL MEASURES SO THAT NO RUNOFF FROM STRIPPED AREAS WILL LEAVE THE CONSTRUCTION SITE OTHER THAN THROUGH SEDIMENT TRAPS OR OTHER SUITABLE CONTROL MEASURES.
4. POLLUTION CONTROL ITEMS SHALL BE PROVIDED AS NOTED ON THE STORM WATER POLLUTION PREVENTION PLAN AND IN THE STORM WATER POLLUTION PREVENTION DETAILS AND AS DIRECTED BY THE ENGINEER. THE LIMITS OF SUCH MEASURES SHALL BE STAKED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. SUCH LIMITS MAY BE ADJUSTED BY THE ENGINEER TO ACCOUNT FOR ACTUAL SITE CONDITIONS EXPERIENCED DURING CONSTRUCTION. ADDITIONAL COMPENSATION FOR MEASURES EXCEEDING THE PLAN QUANTITIES WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR EACH ITEM.
5. THE CONTRACTOR IS TO MAINTAIN AND ADJUST, REPAIR OR REPLACE ALL POLLUTION PREVENTION MEASURES AS REQUIRED OR AS DIRECTED BY THE ENGINEER UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. MAINTENANCE OF POLLUTION CONTROL MEASURES IS TO BE PROVIDED AT NO ADDITIONAL COST TO THE CONTRACT.



AR156511 DITCH CHECK DETAIL (SEDIMENT LOG)
NOT TO SCALE



AR156511 DITCH CHECK STAKING DETAIL (SEDIMENT LOG)
NOT TO SCALE



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MACOMB MUNICIPAL AIRPORT
16190 East 1300th Street
Macomb, Illinois 61455
Telephone: 309.833.3324
Fax: 309.836.7721

REHABILITATE PARALLEL TAXIWAY, PHASE 2

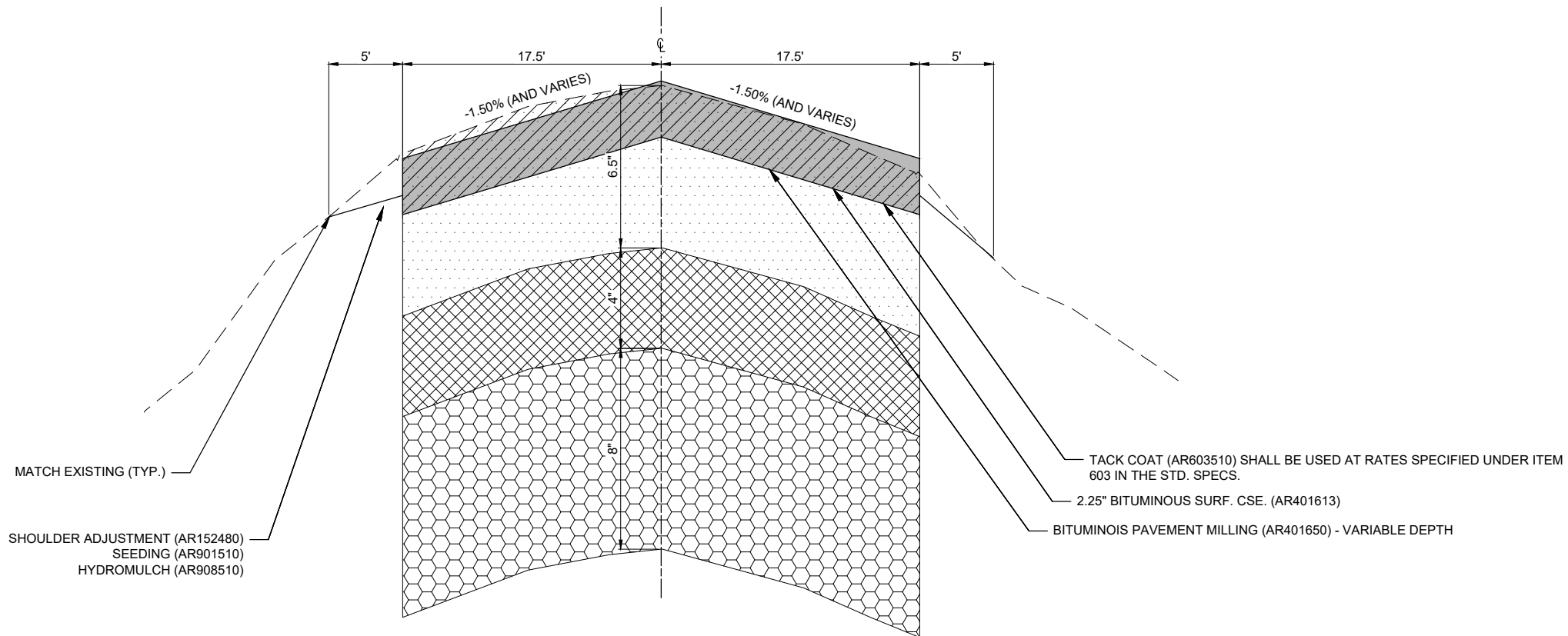
IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
Contract No: MB036

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: 11/17/23
PROJECT NO: 23A0068D
CAD FILE: C-104-SWPPP.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/1/2023

SHEET TITLE

SWPPP NOTES & DETAILS



TYPICAL SECTION A-A - TAXIWAY A2

NOT TO SCALE

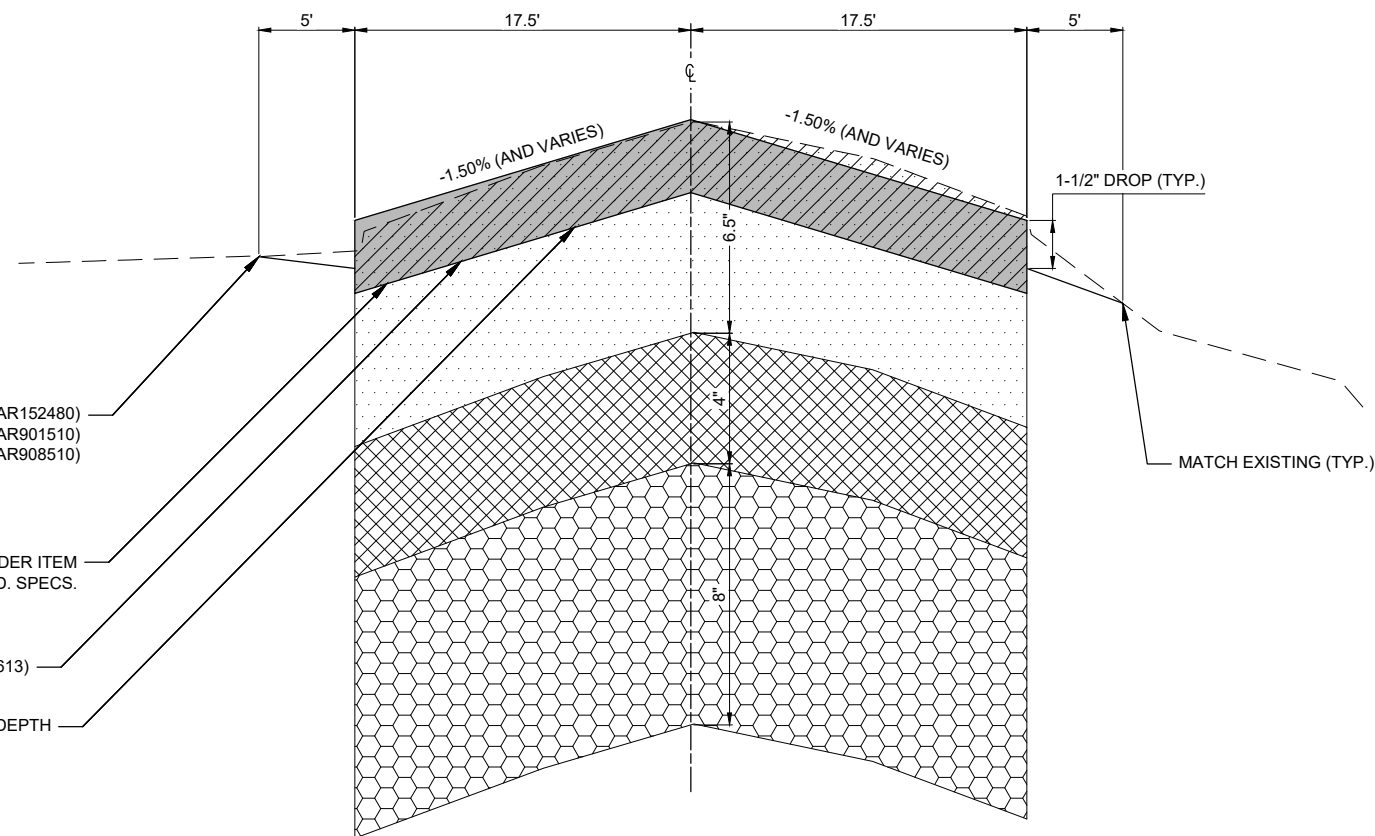
MATCH EXISTING (TYP.)

SHOULDER ADJUSTMENT (AR152480)
SEEDING (AR901510)
HYDROMULCH (AR908510)

TACK COAT (AR603510) SHALL BE USED AT RATES SPECIFIED UNDER ITEM 603 IN THE STD. SPECS.

2.25" BITUMINOUS SURF. CSE. (AR401613)

BITUMINOUS PAVEMENT MILLING (AR401650) - VARIABLE DEPTH



TYPICAL SECTION B-B - TAXIWAY A3

NOT TO SCALE

SHOULDER ADJUSTMENT (AR152480)
SEEDING (AR901510)
HYDROMULCH (AR908510)

TACK COAT (AR603510) SHALL BE USED AT RATES SPECIFIED UNDER ITEM 603 IN THE STD. SPECS.

2.25" BITUMINOUS SURF. CSE. (AR401613)

BITUMINOUS PAVEMENT MILLING (AR401650) - VARIABLE DEPTH

1-1/2" DROP (TYP.)

MATCH EXISTING (TYP.)

EXISTING	PROPOSED	LEGEND
		BIT. SURF. CSE.-METHOD I, SUPERPAVE
		BIT. PAVEMENT MILLING (VARIABLE)
		BITUMINOUS PAVEMENT
		CRUSHED AGGREGATE
		OVERSIZE AGGREGATE

REHABILITATE
PARALLEL TAXIWAY,
PHASE 2

IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
Contract No: MB036

NO.	DATE	DESCRIPTION		
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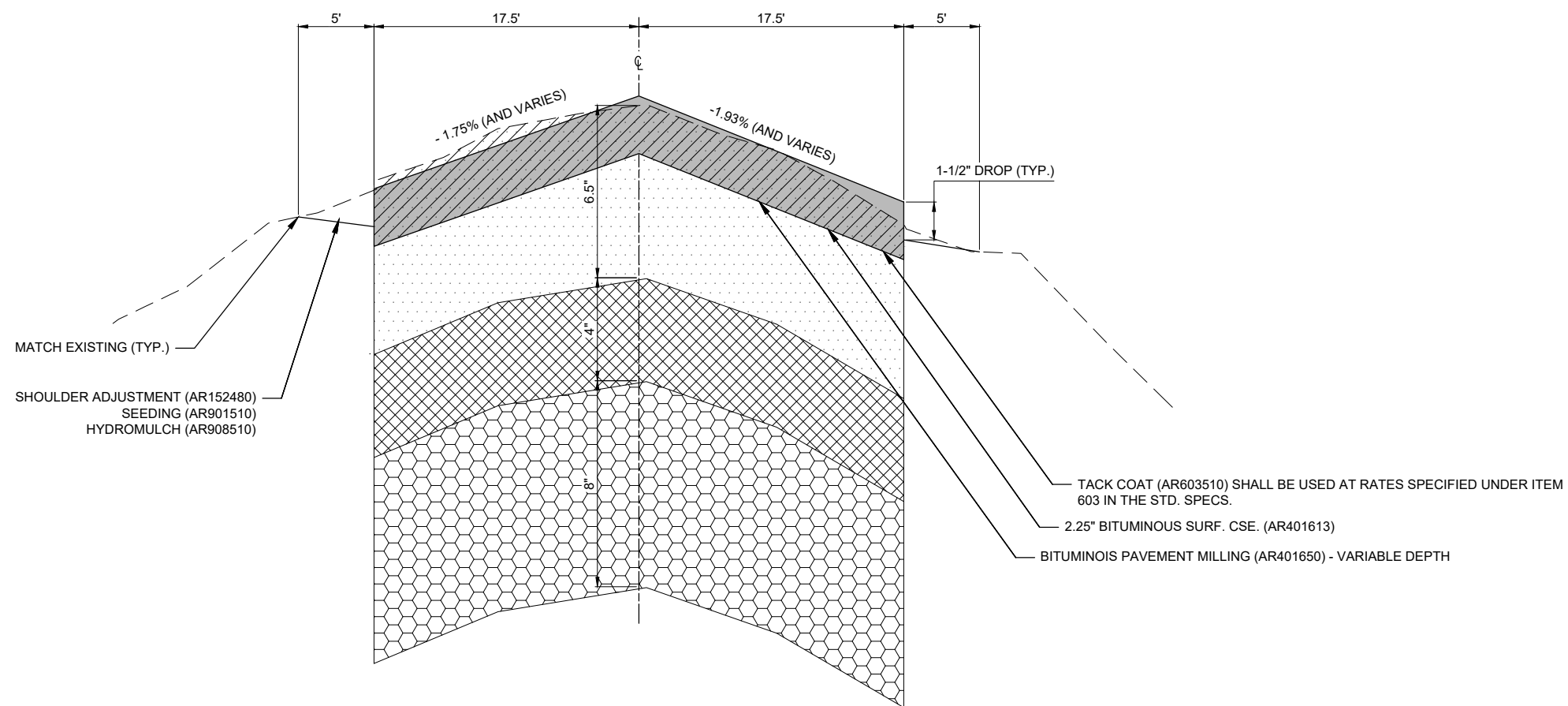
ISSUE: 11/17/23
PROJECT NO: 23A0068D
CAD FILE: C-301-TYP.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/1/2023

SHEET TITLE

TYP. SECTIONS -
TWY A2 & A3



MACOMB MUNICIPAL AIRPORT
16190 East 1300th Street
Macomb, Illinois 61455
Telephone: 309.833.3324
Fax: 309.836.7721



TYPICAL SECTION C-C - TAXIWAY A (EAST)

NOT TO SCALE

**REHABILITATE
PARALLEL TAXIWAY,
PHASE 2**

IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
Contract No: MB036

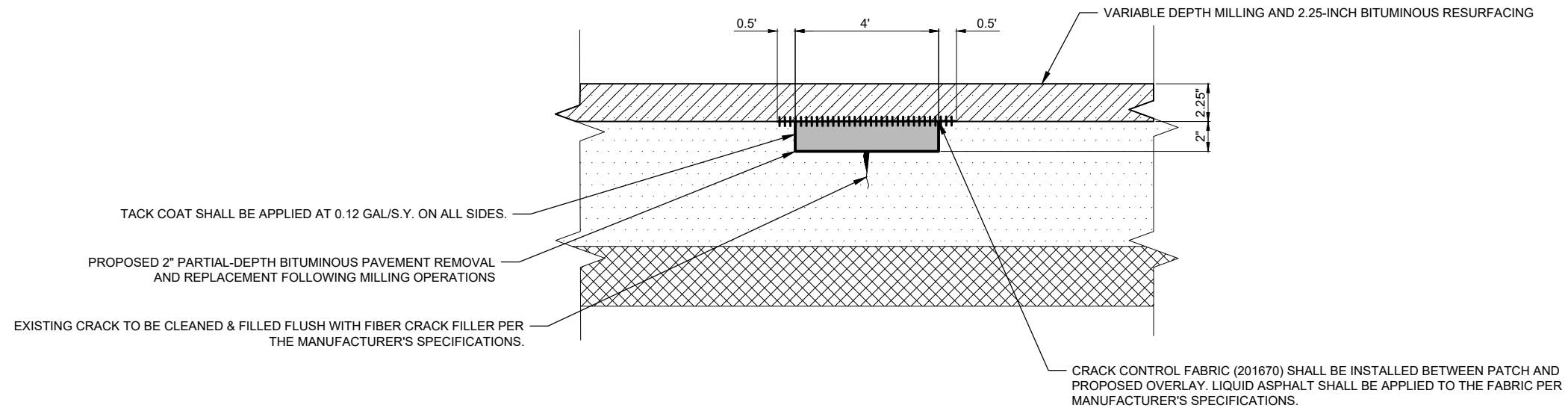
NO.	DATE	DESCRIPTION		
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ISSUE: 11/17/23
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SHEET TITLE

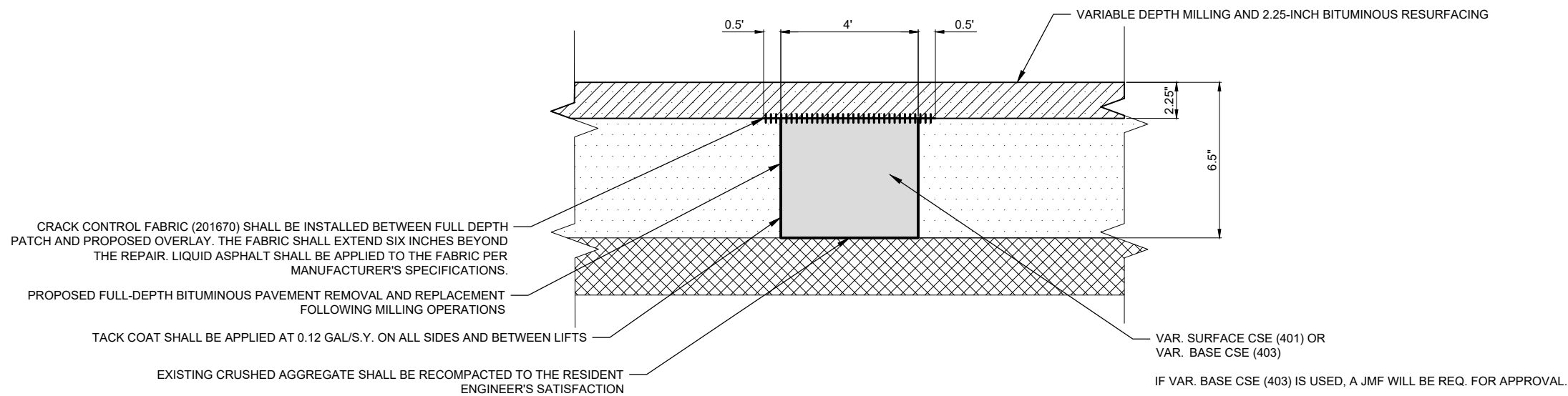
EXISTING	PROPOSED	LEGEND
		BIT. SURF. CSE.-METHOD I, SUPERPAVE
		BIT. PAVEMENT MILLING (VARIABLE)
		BITUMINOUS PAVEMENT
		CRUSHED AGGREGATE
		OVERSIZE AGGREGATE

TYP. SECTIONS -
TWY A (EAST)



AR401915 REMOVE & REPLACE BITUMINOUS PAVEMENT - TYPE A (PARTIAL DEPTH)

NOT TO SCALE



AR401916 REMOVE & REPLACE BITUMINOUS PAVEMENT - TYPE B (FULL DEPTH)

NOT TO SCALE

REHABILITATE
PARALLEL TAXIWAY,
PHASE 2

IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
Contract No: MB036

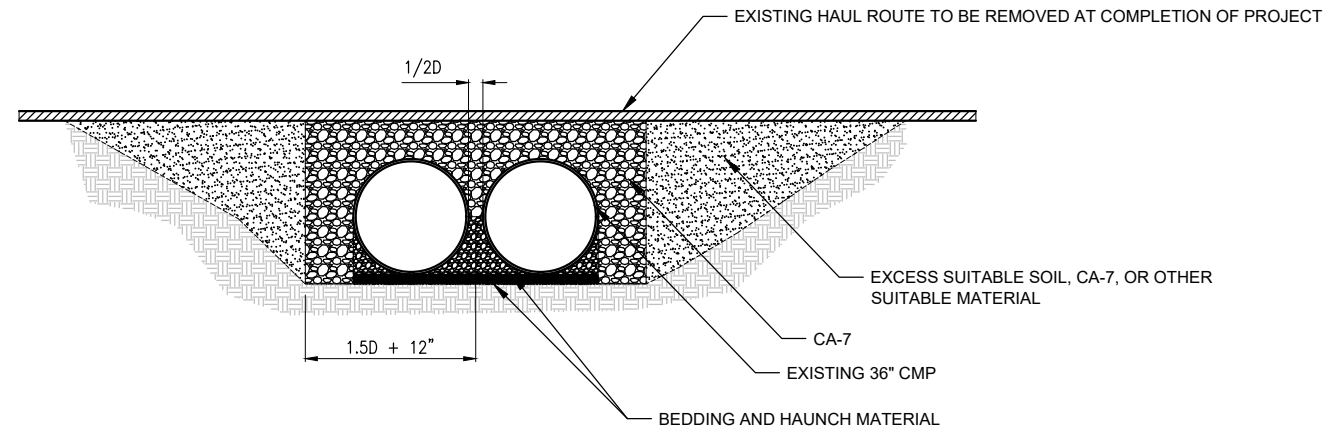
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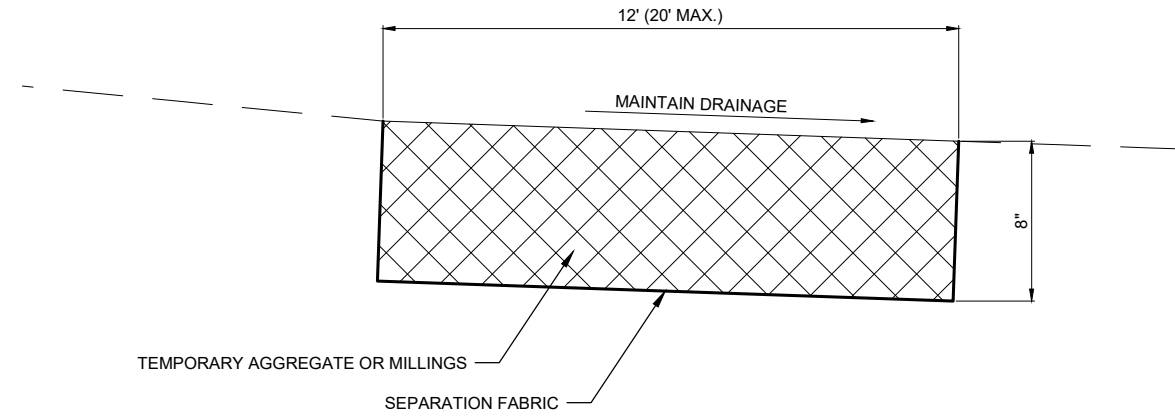
PAVEMENT
PATCHING DETAILS

EXISTING	PROPOSED	LEGEND
		BIT. PAVEMENT
		BIT. PAVEMENT MILLING (VARIABLE)
		BITUMINOUS PAVEMENT
		CRUSHED AGGREGATE



EXISTING 36" CMP TO BE REMOVED

SHOWN FOR INFORMATION ONLY



EXISTING HAUL ROUTE TO BE REMOVED - TYPICAL SECTION

SHOWN FOR INFORMATION ONLY

NOTES:

- HAUL ROUTE TO BE REMOVED AND RESTORED TO ORIGINAL CONDITION AT COMPLETION OF PROJECT. RESTORATION INCLUDES TILLAGE OF ANY EXISTING FARM GROUND NECESSARY DUE TO COMPACTION.

**REHABILITATE
PARALLEL TAXIWAY,
PHASE 2**

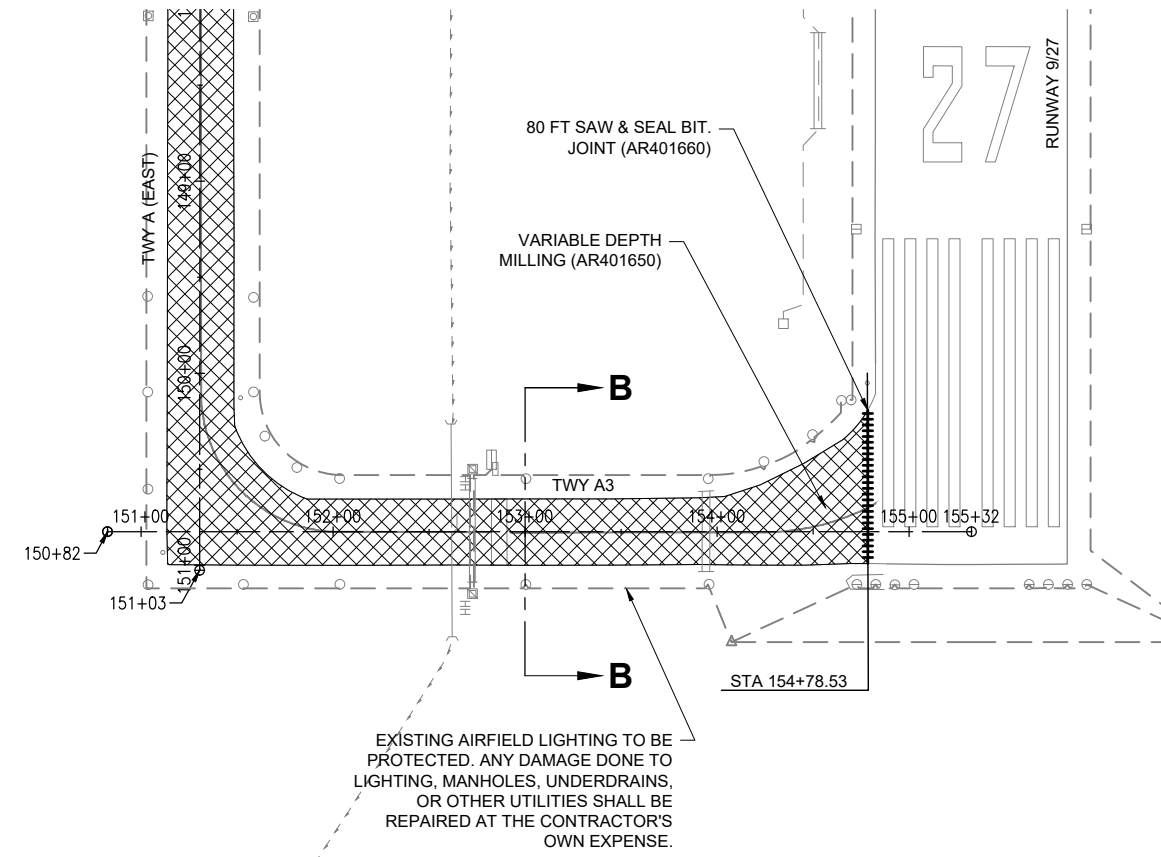
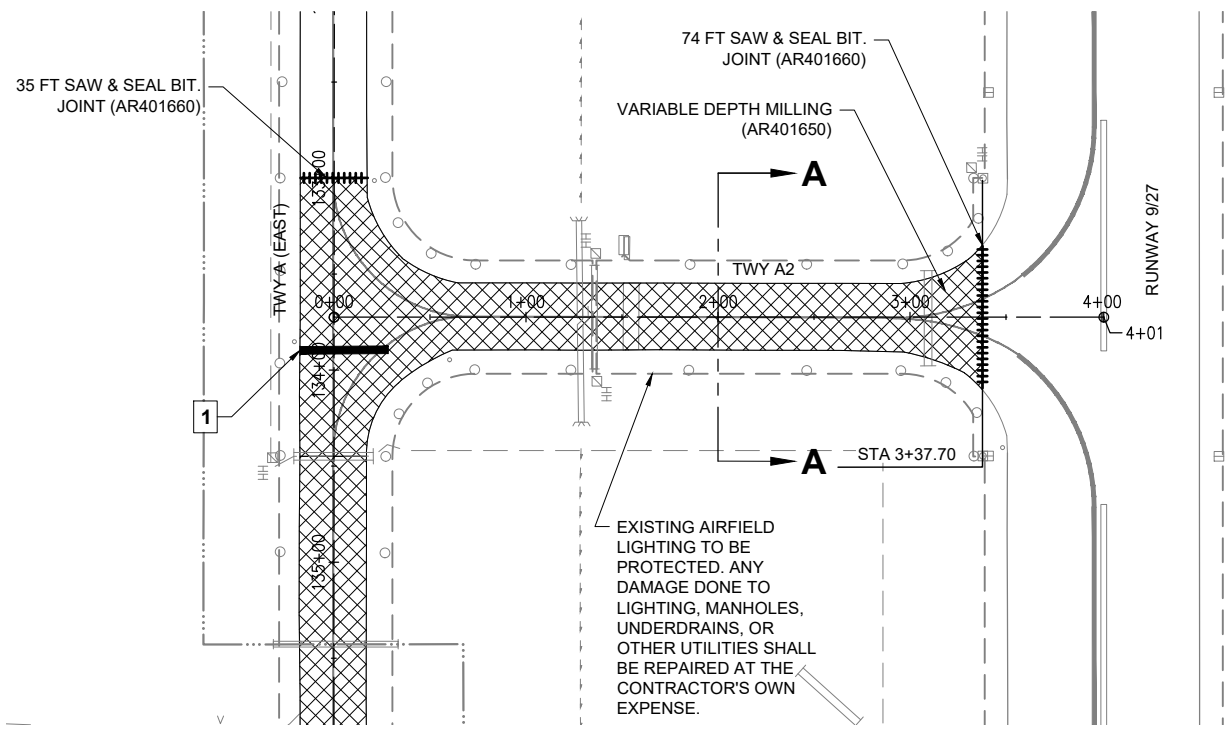
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SHEET TITLE

MISC. DETAILS

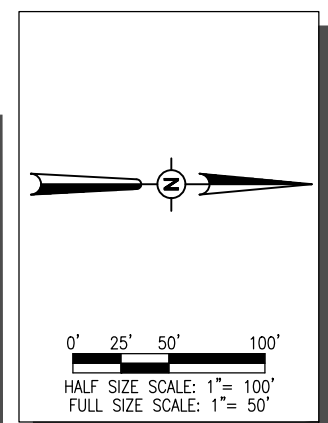


PATCHING SCHEDULE							
CRACK NO.	STA. OFFSET (APPROXIMATE)	PATCH TYPE	PATCHING LENGTH (FT)	PATCHING WIDTH (FT)	TYPE A TOTAL (AR401915) (SY)	TYPE B TOTAL (AR401916) (SY)	CRACK CONTROL FABRIC TOTAL (AR201670) (SY)
1	133+90	B	46	4		20.4	25.6
NOMINAL A	-	A	140	4	62.2		77.8
NOMINAL B	-	B	70	4		31.1	38.9

- ELECTRICAL NOTES**
1. THE CONTRACTOR SHALL EXAMINE THE SITE TO CONFIRM AND FIELD VERIFY EXISTING SITE CONDITIONS. THE CONTRACTOR SHALL FIELD VERIFY RESPECTIVE CIRCUITS AND POWER SOURCES PRIOR TO REMOVING, DISCONNECTING, WORKING ON, RELOCATING, RECONNECTING, AND/OR INSTALLING THE RESPECTIVE AIRFIELD LIGHTING, TAXI SIGN, NAVAD, OR OTHER DEVICES. CONTRACTOR SHALL REPORT ANY VARIATIONS, DEFICIENCIES, AND/OR APPARENT SAFETY CONCERNS TO THE RESIDENT ENGINEER/TECHNICIAN.
 2. WHEN A RUNWAY IS CLOSED THE RESPECTIVE LIGHTING AND NAVAIDS SHALL BE SHUT OFF. WHEN A TAXIWAY IS CLOSED THE RESPECTIVE LIGHTING SYSTEM SHALL BE SHUT OFF.
 3. ALL WORK, POWER OUTAGES, AND/OR SHUT DOWN OF EXISTING SYSTEMS SHALL BE COORDINATED WITH THE AIRPORT MANAGER/DIRECTOR AND RESIDENT ENGINEER/TECHNICIAN.

- NOTES**
- CLEAN & SEAL BITUMINOUS CRACKS**
1. A NOMINAL QUANTITY OF AR201661 "CLEAN AND SEAL BITUMINOUS CRACKS" HAS BEEN INCLUDED AND WILL BE LAID OUT BY THE RESIDENT ENGINEER FOLLOWING PAVEMENT MILLING. THE NOMINAL QUANTITY WAS DETERMINED BY A FIELD SURVEY (CONDUCTED ON 04/08/20)
- BITUMINOUS PAVEMENT MILLING**
1. CONTRACTOR SHALL PROTECT ALL ADJACENT PAVEMENT EDGES DURING MILLING AND PAVING OPERATIONS. ANY DAMAGE DONE TO EXISTING PAVEMENT OR MARKINGS SHALL BE REPAIRED OR REMARKED AT THE CONTRACTOR'S EXPENSE.
 2. ALL MILLED MATERIAL SHALL BE HAULED OFFSITE UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN.
- REMOVE & REPLACE BITUMINOUS PAVEMENT**
1. SEE DETAILS SHEET FOR PATCHING. PATCHING LOCATIONS ARE APPROXIMATE AND WILL BE CONFIRMED AND LAID OUT BY THE RESIDENT ENGINEER/TECHNICIAN FOLLOWING PAVEMENT MILLING.
 2. ALL PATCHES INDICATED AS PARTIAL (TYPE A) OR FULL DEPTH (TYPE B) WERE DETERMINED DURING A FIELD SURVEY AND PRIOR TO MILLING. FOLLOWING MILLING, AND UPON INSPECTION BY RESIDENT ENGINEER/TECHNICIAN, PARTIAL PATCHES MAY BE CONVERTED TO TYPE B (FULL-DEPTH) PATCH TO BE MEASURED AND PAID FOR UNDER PAY ITEM AR401916 OR REMOVED.

EXISTING	PROPOSED	LEGEND
		AR401650 - BITUMINOUS PAVEMENT MILLING (VARIABLE)
		REMOVE AND REPLACE BIT. PAVEMENT
		SAW & SEAL BIT. JOINT
		AIRPORT PROPERTY LINE
		AIRPORT FENCE (AIRFIELD)
		UNDERGROUND ELECTRIC LINE
		UNDERDRAIN
		MANHOLE
		AIRFIELD LIGHTING



REHABILITATE PARALLEL TAXIWAY, PHASE 2

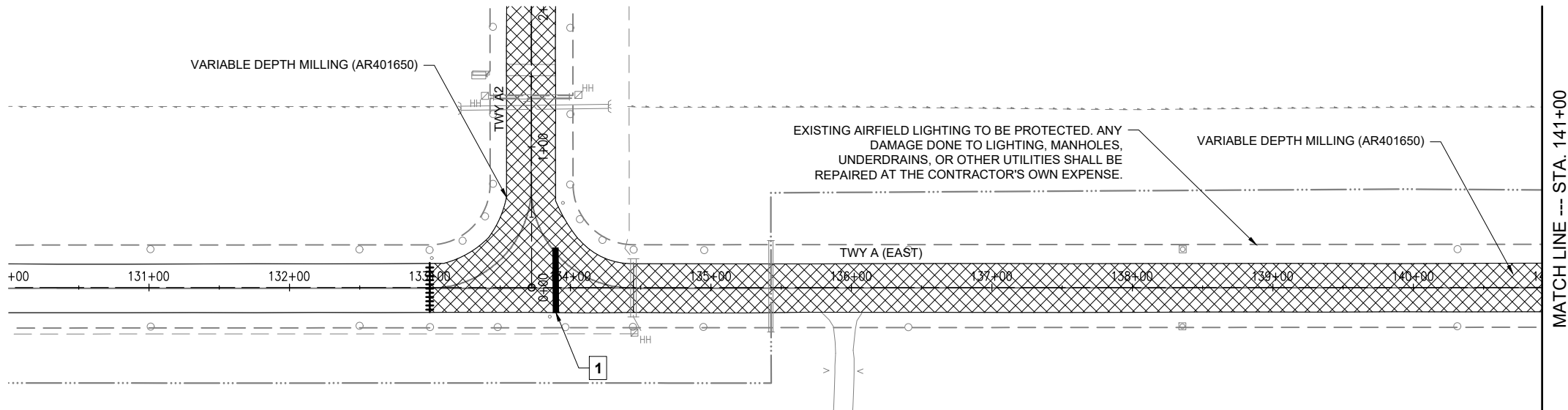
IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
Contract No: MB036

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

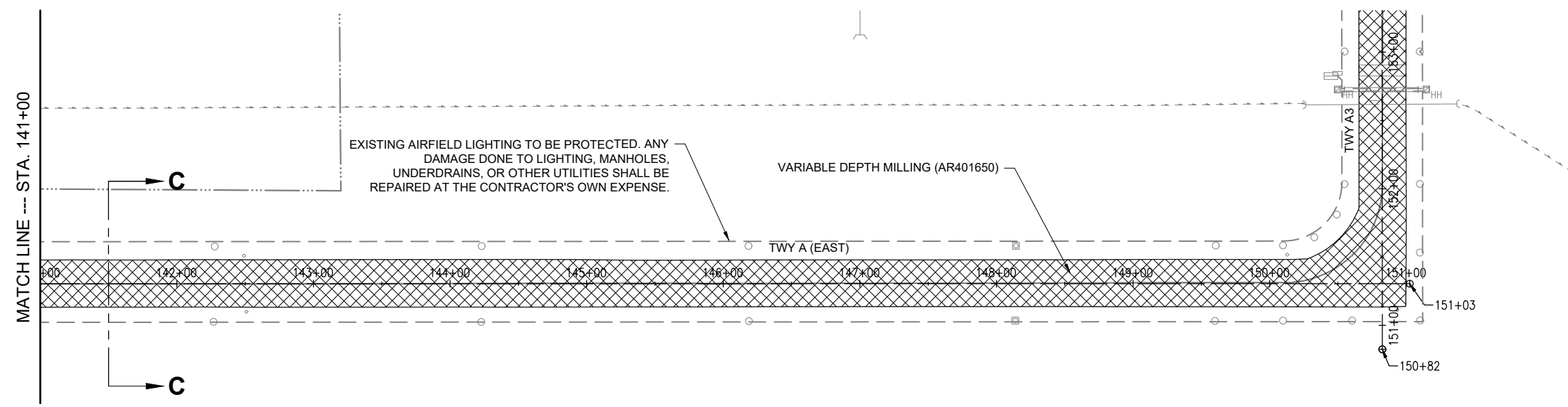
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PROJECT NO: 23A0068D
CAD FILE: C-101-PREP.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/1/2023

SHEET TITLE

PAVEMENT PREPARATION PLAN - TWY A2 & A3

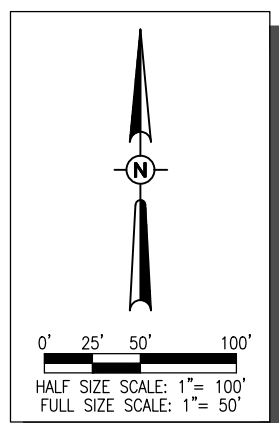


MATCH LINE --- STA. 141+00



MATCH LINE --- STA. 141+00

PROPOSED	LEGEND
	AR401650 - BITUMINOUS PAVEMENT MILLING (VARIABLE) - BASE
	REMOVE AND REPLACE BIT. PAVEMENT
	SAW & SEAL BIT. JOINT



REHABILITATE
PARALLEL TAXIWAY,
PHASE 2

IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
Contract No: MB036

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: 11/17/23
PROJECT NO: 23A0068D
CAD FILE: C-101-PREP.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/1/2023

SHEET TITLE

PAVEMENT
PREPARATION PLAN -
TWY A (EAST)

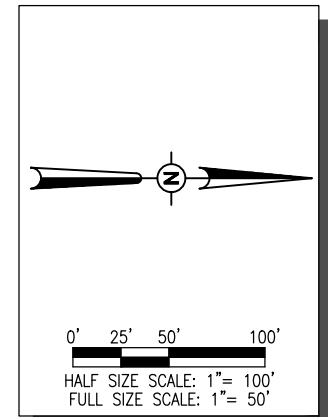
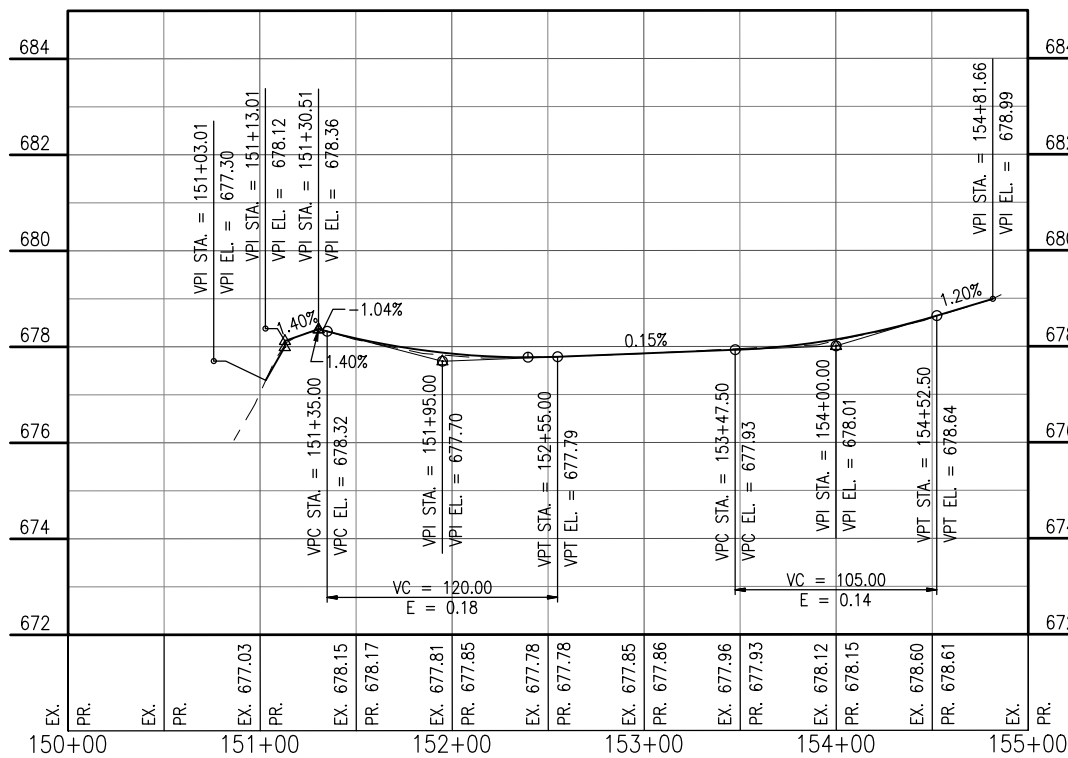
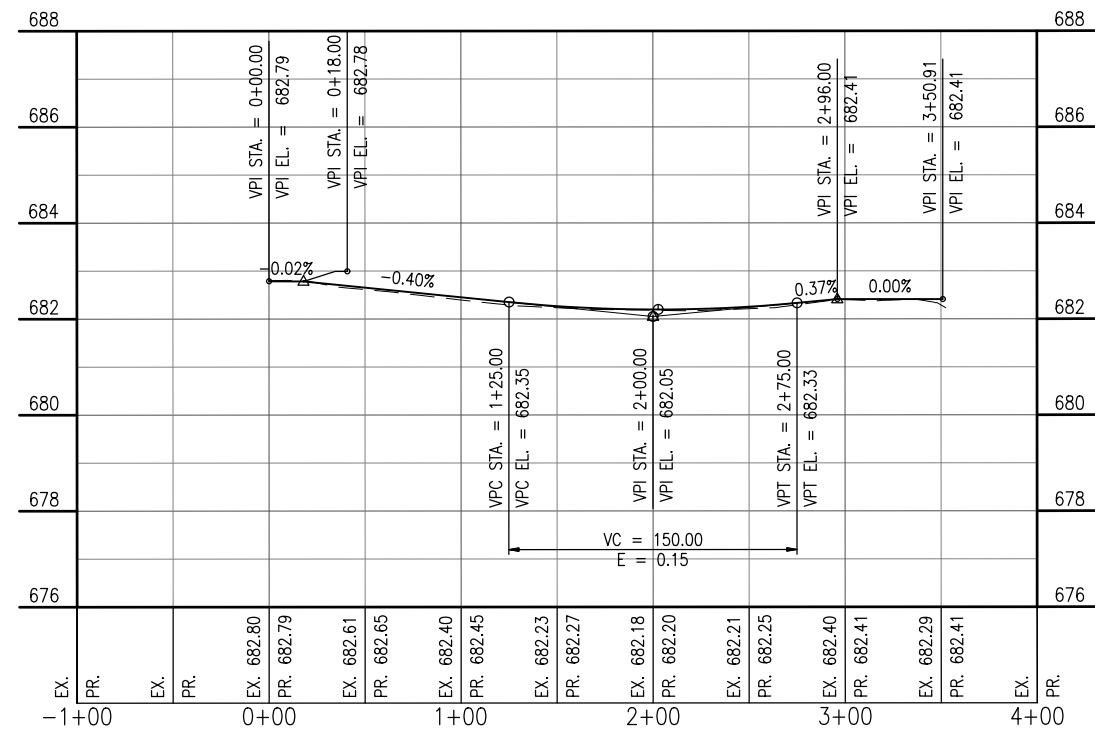
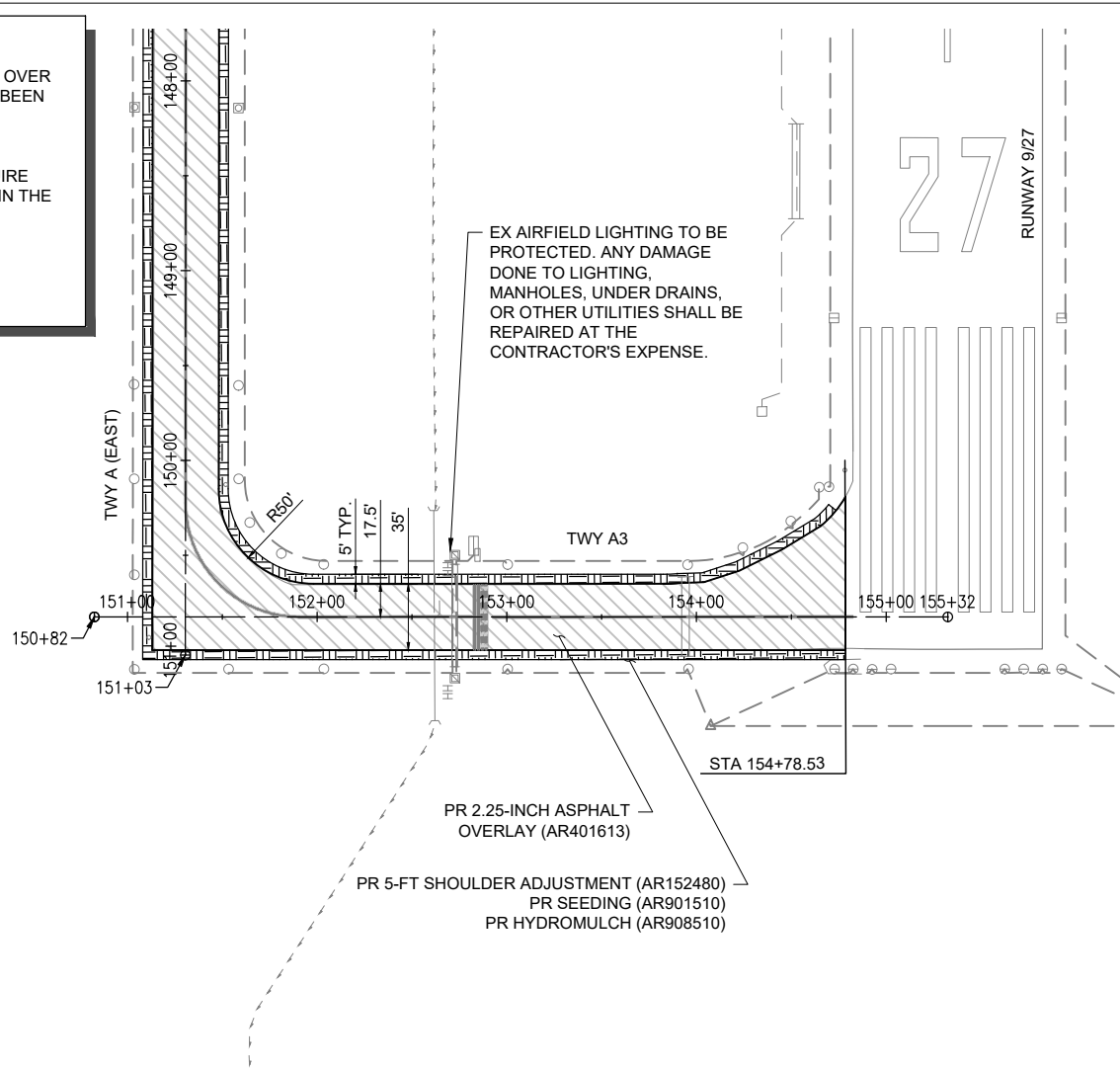
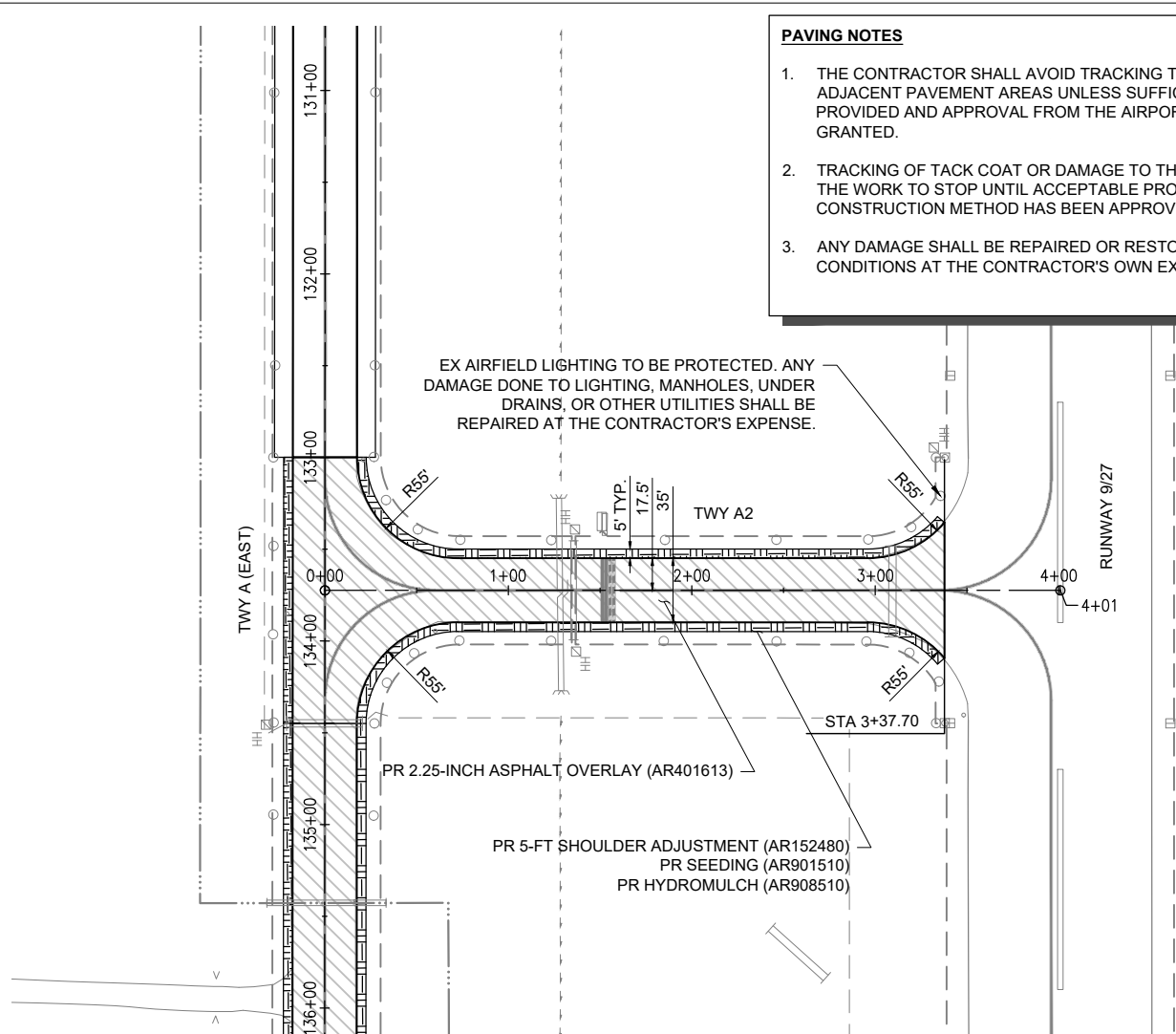


PAVING NOTES

1. THE CONTRACTOR SHALL AVOID TRACKING TRUCKS AND EQUIPMENT OVER ADJACENT PAVEMENT AREAS UNLESS SUFFICIENT PROTECTION HAS BEEN PROVIDED AND APPROVAL FROM THE AIRPORT MANAGER HAS BEEN GRANTED.
2. TRACKING OF TACK COAT OR DAMAGE TO THE PAVEMENT WILL REQUIRE THE WORK TO STOP UNTIL ACCEPTABLE PROTECTION OR A CHANGE IN THE CONSTRUCTION METHOD HAS BEEN APPROVED.
3. ANY DAMAGE SHALL BE REPAIRED OR RESTORED TO ITS ORIGINAL CONDITIONS AT THE CONTRACTOR'S OWN EXPENSE.

EX AIRFIELD LIGHTING TO BE PROTECTED. ANY DAMAGE DONE TO LIGHTING, MANHOLES, UNDER DRAINS, OR OTHER UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

EX AIRFIELD LIGHTING TO BE PROTECTED. ANY DAMAGE DONE TO LIGHTING, MANHOLES, UNDER DRAINS, OR OTHER UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.



**REHABILITATE
PARALLEL TAXIWAY,
PHASE 2**

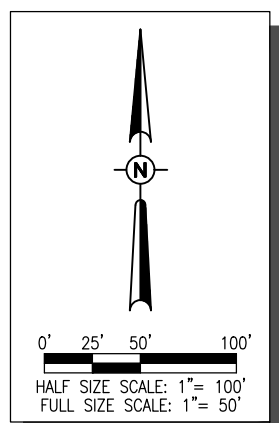
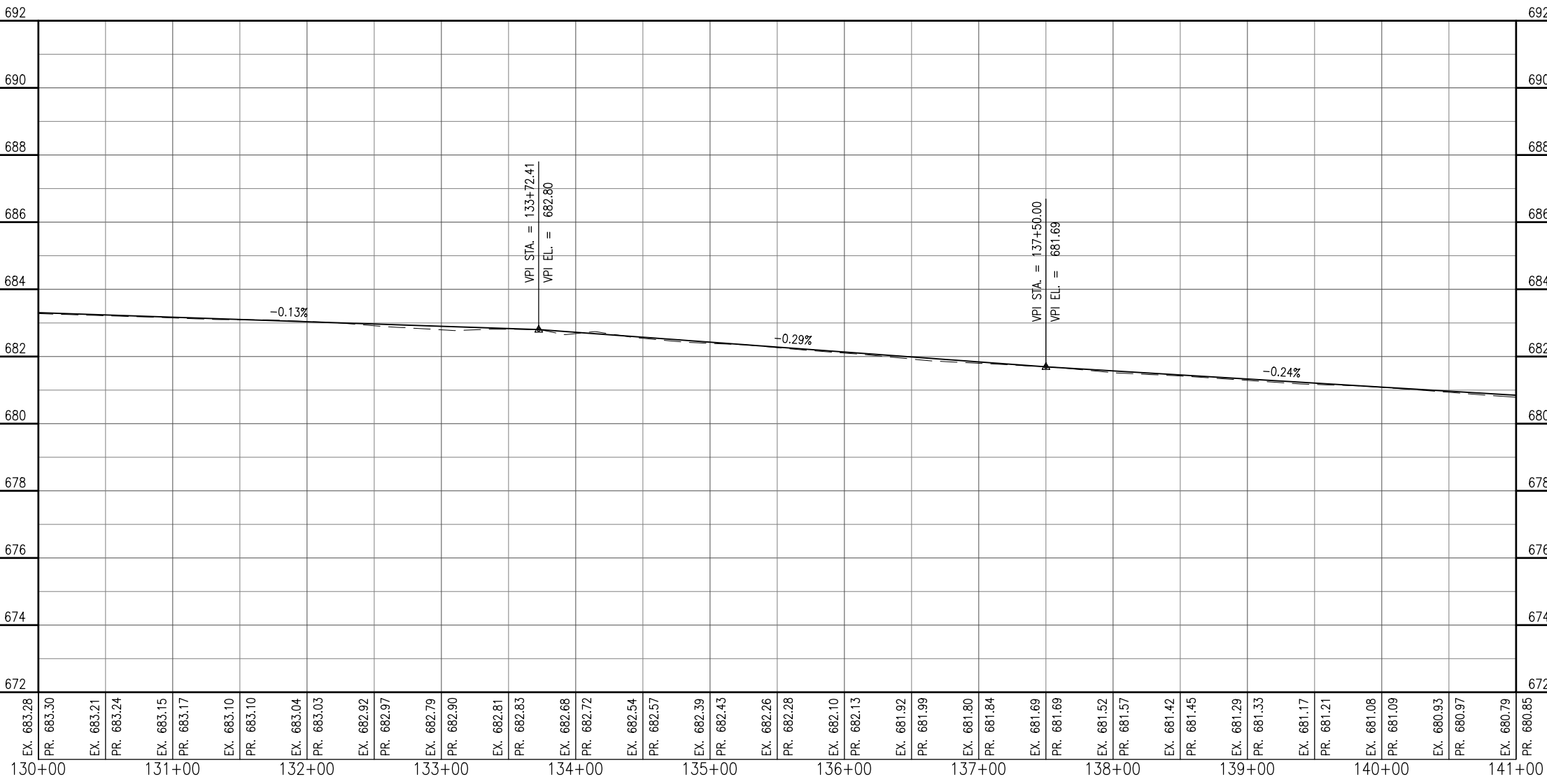
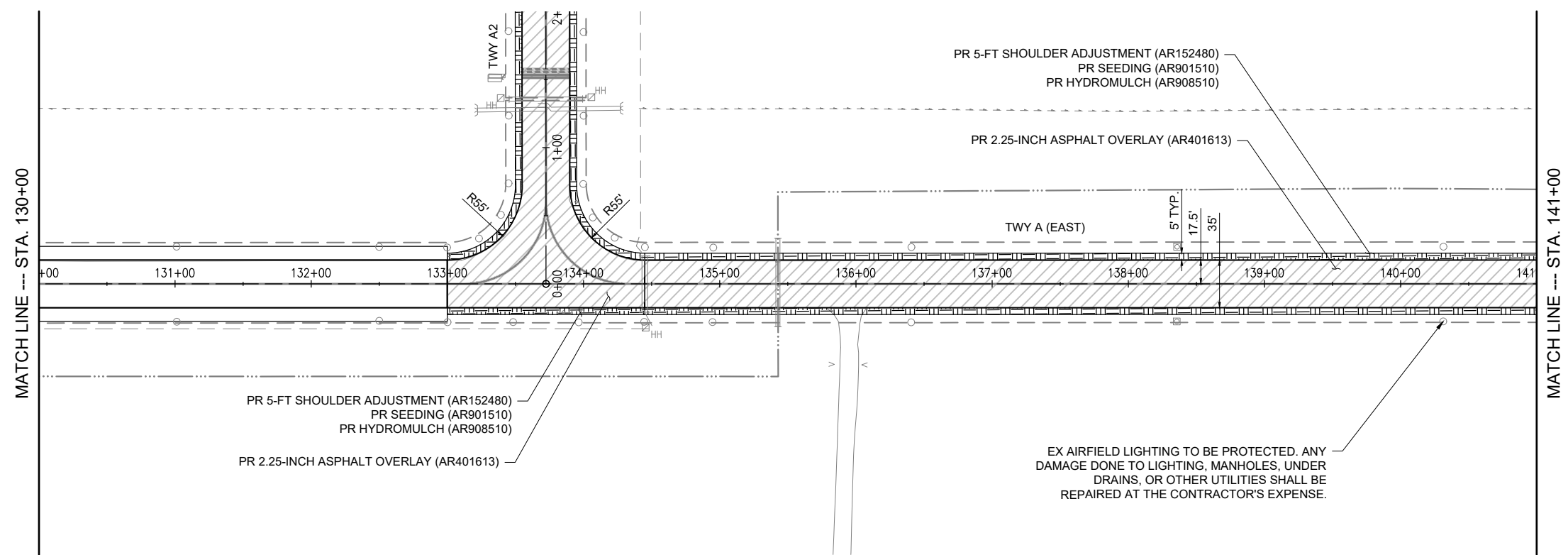
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SBGP No: 3-17-SBGP-197
Contract No: MB036

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: 11/17/23
PROJECT NO: 23A0068D
CAD FILE: C-701-PNP.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/1/2023

SHEET TITLE

**PROPOSED PLAN &
PROFILE - TWY A2 &
A3**



REHABILITATE
PARALLEL TAXIWAY,
PHASE 2

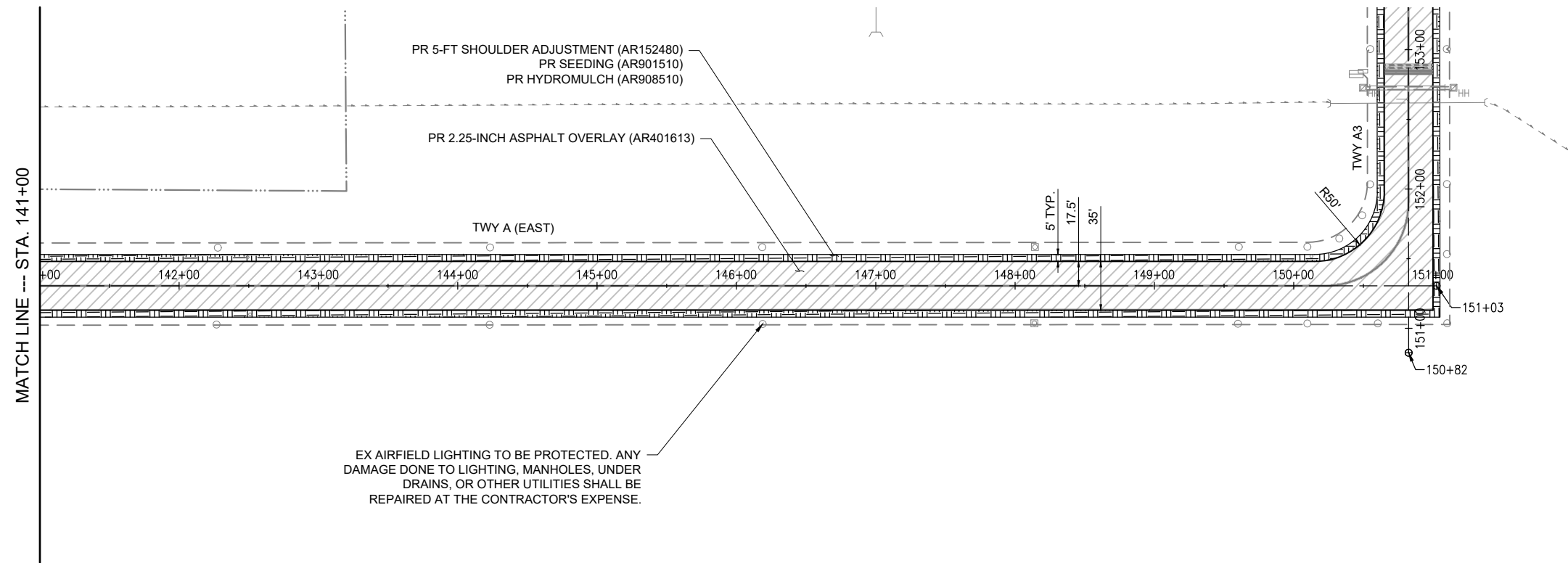
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SBGP No: 3-17-SBGP-197
Contract No: MB036

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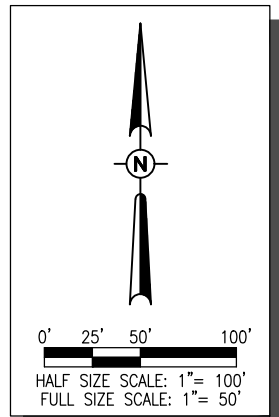
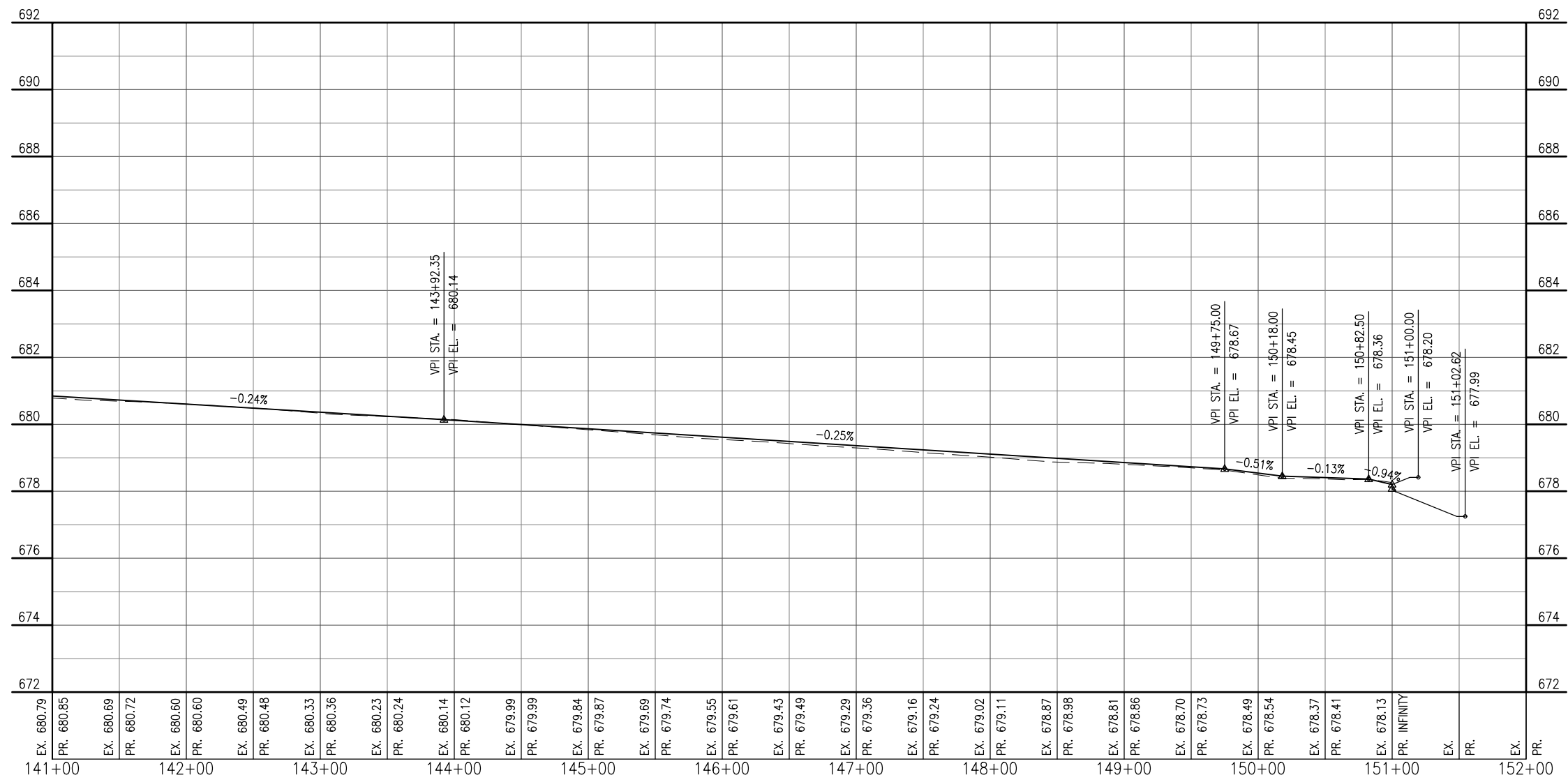
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PROJECT NO: 23A0068D
CAD FILE: C-701-PNP.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/1/2023

SHEET TITLE

PROPOSED PLAN &
PROFILE - TWY A
(EAST) - SHEET 1



EX AIRFIELD LIGHTING TO BE PROTECTED. ANY DAMAGE DONE TO LIGHTING, MANHOLES, UNDER DRAINS, OR OTHER UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.



REHABILITATE
PARALLEL TAXIWAY,
PHASE 2

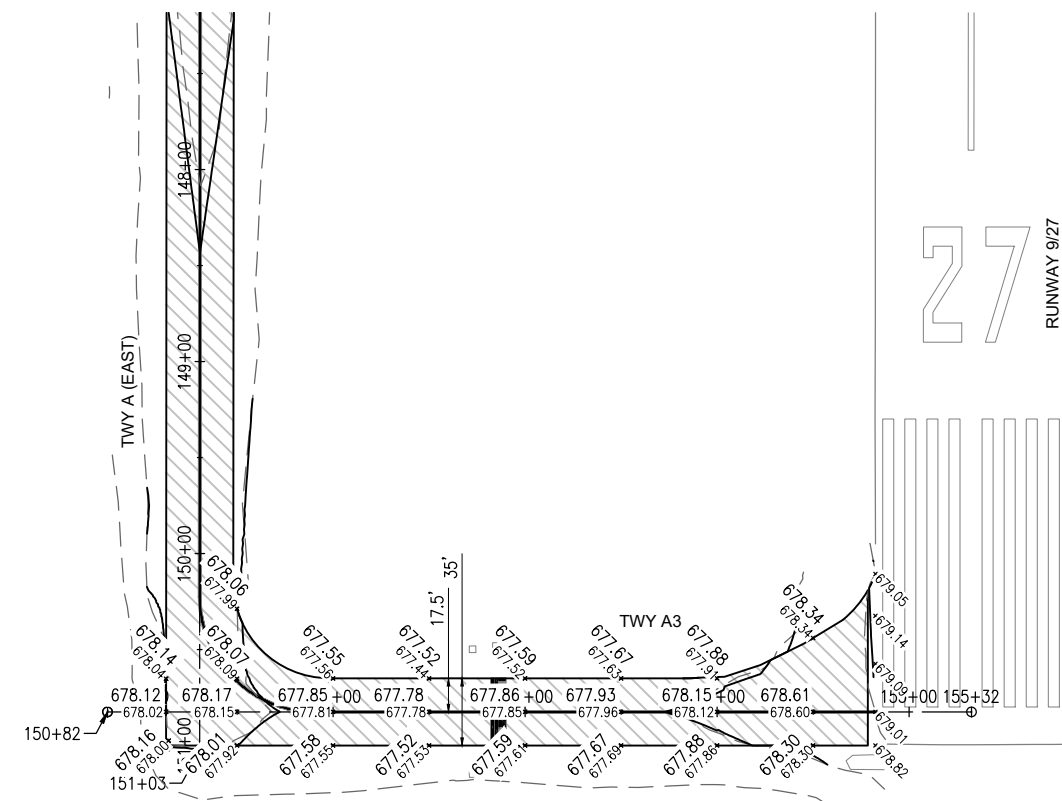
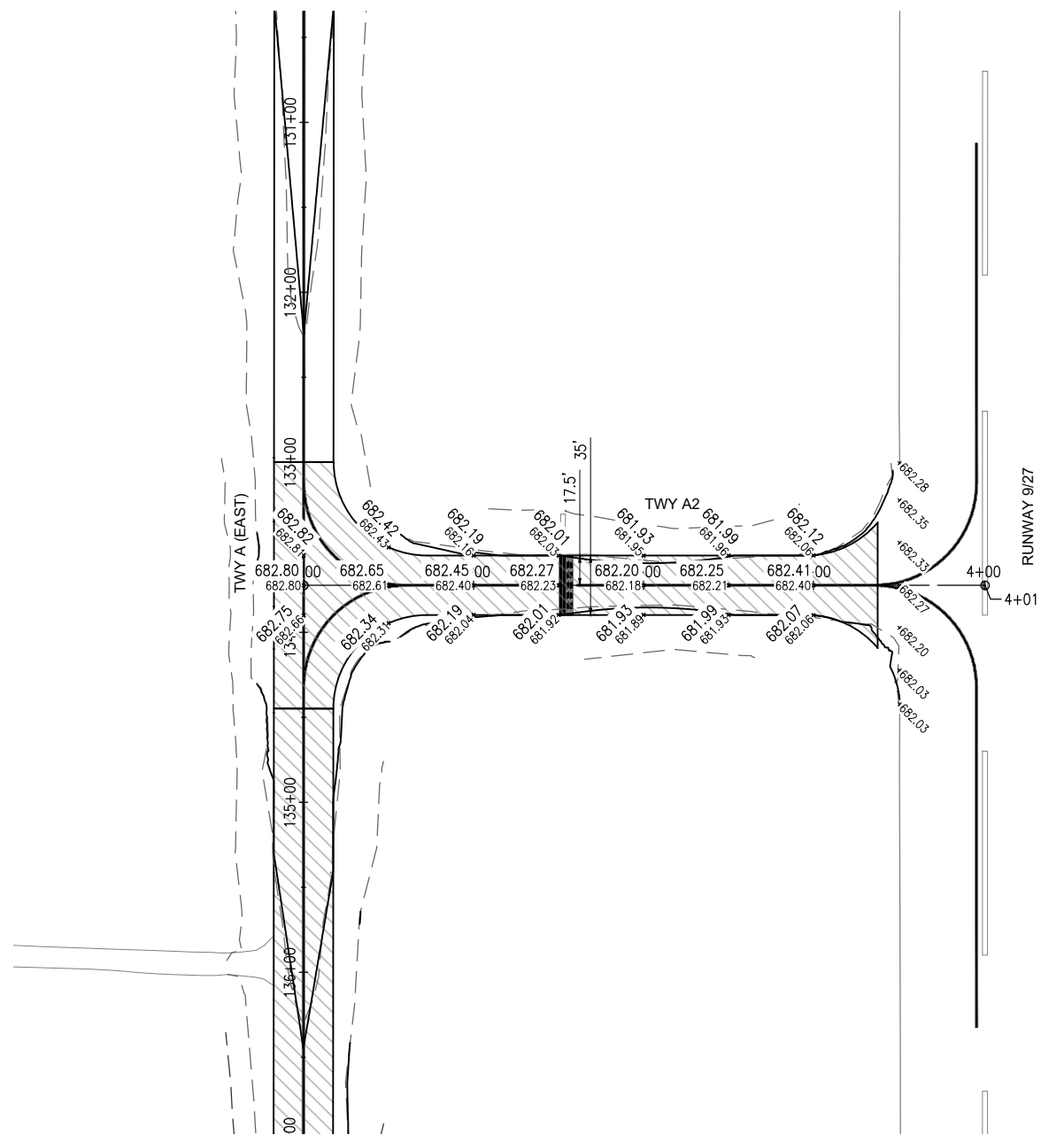
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SBGP No: 3-17-SBGP-197
Contract No: MB036

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: 11/17/23
PROJECT NO: 23A0068D
CAD FILE: C-701-PNP.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/1/2023

SHEET TITLE

PROPOSED PLAN &
PROFILE - TWY A
(EAST) - SHEET 2



REHABILITATE
PARALLEL TAXIWAY,
PHASE 2

IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
Contract No: MB036

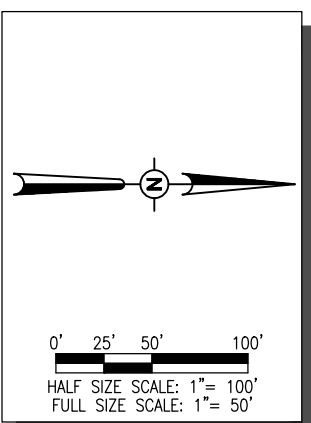
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ISSUE: 11/17/23
PROJECT NO: 23A0068D
CAD FILE: C-102-STAKE.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/1/2023

SHEET TITLE

PROPOSED STAKING
PLAN - TWY A2 & A3

EXISTING	PROPOSED	LEGEND
		BITUMINOUS PAVEMENT
		1-FOOT CONTOURS
+713.75	+713.75	ELEVATION





REHABILITATE
PARALLEL TAXIWAY,
PHASE 2

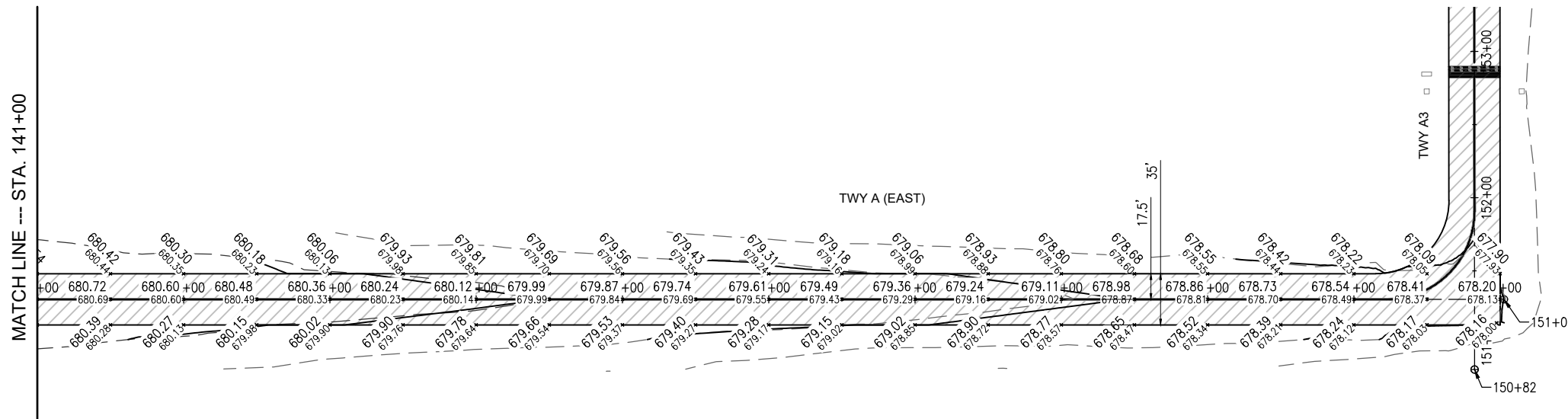
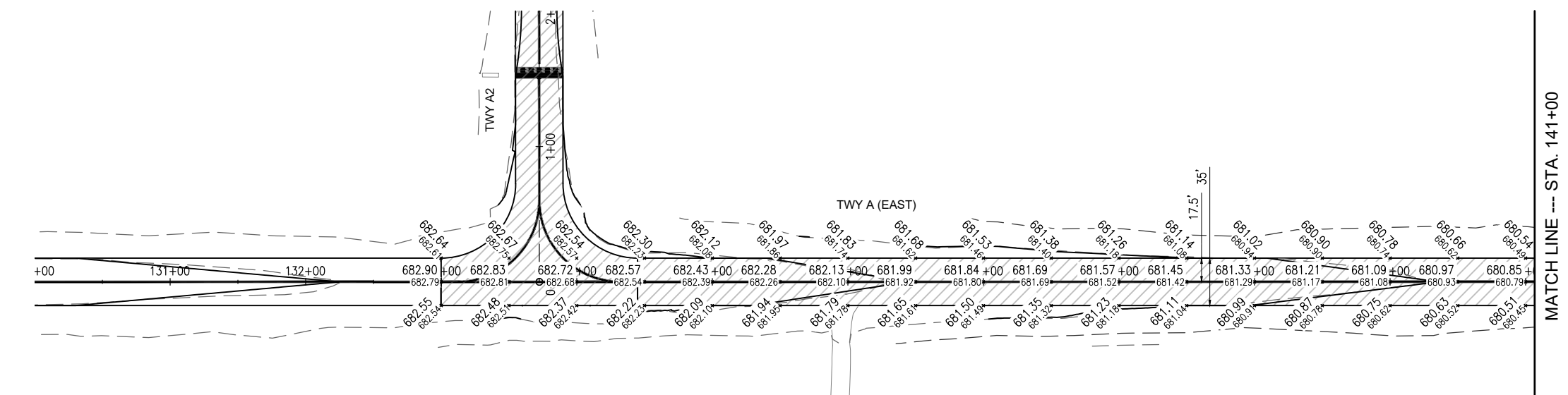
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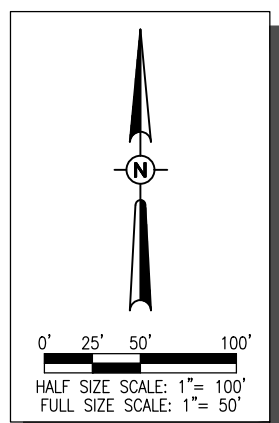
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CAD FILE: C-102-STAKE.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/1/2023

SHEET TITLE

PROPOSED STAKING
PLAN - TWY A (EAST)

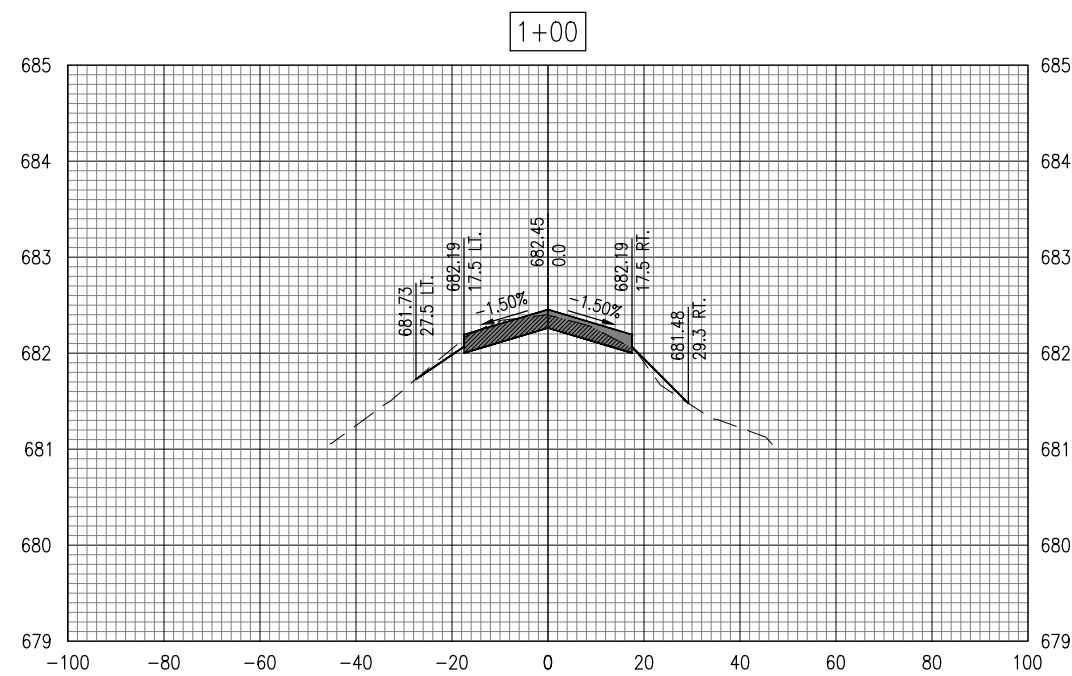
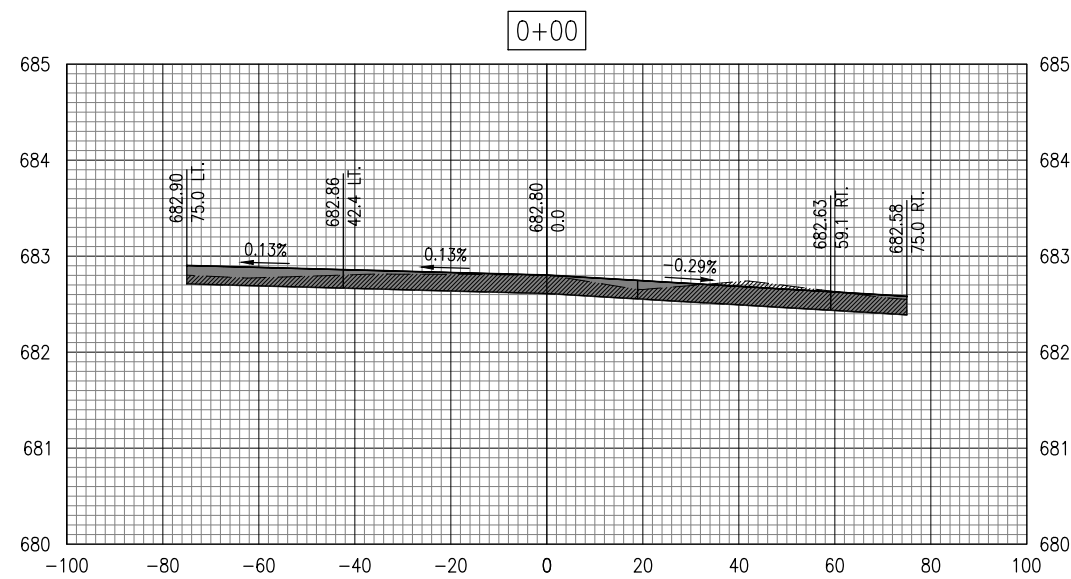
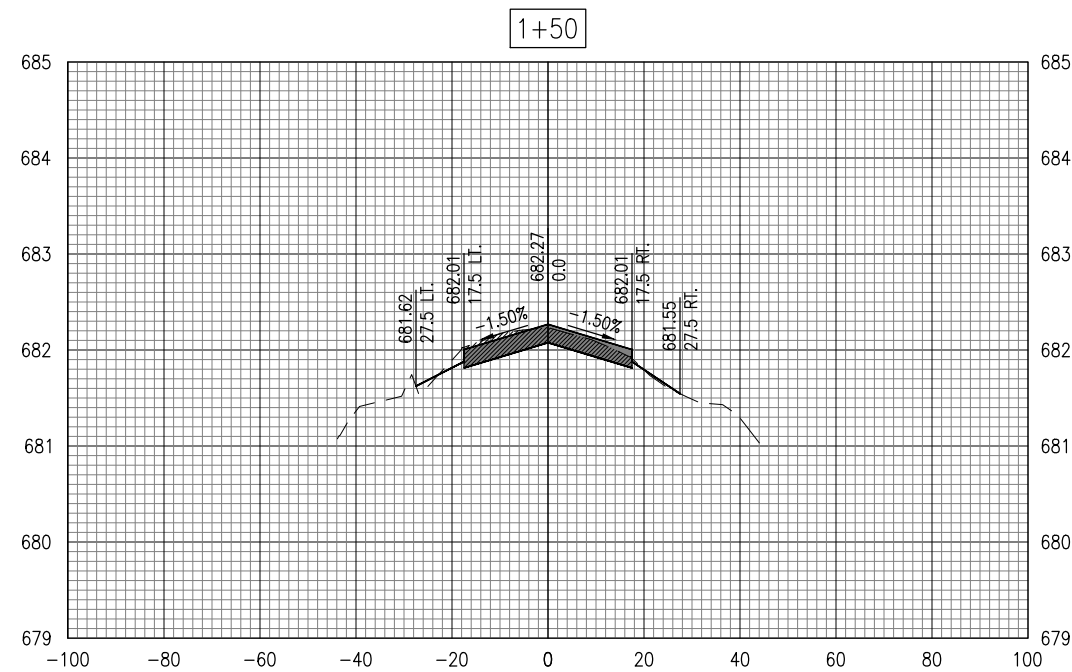
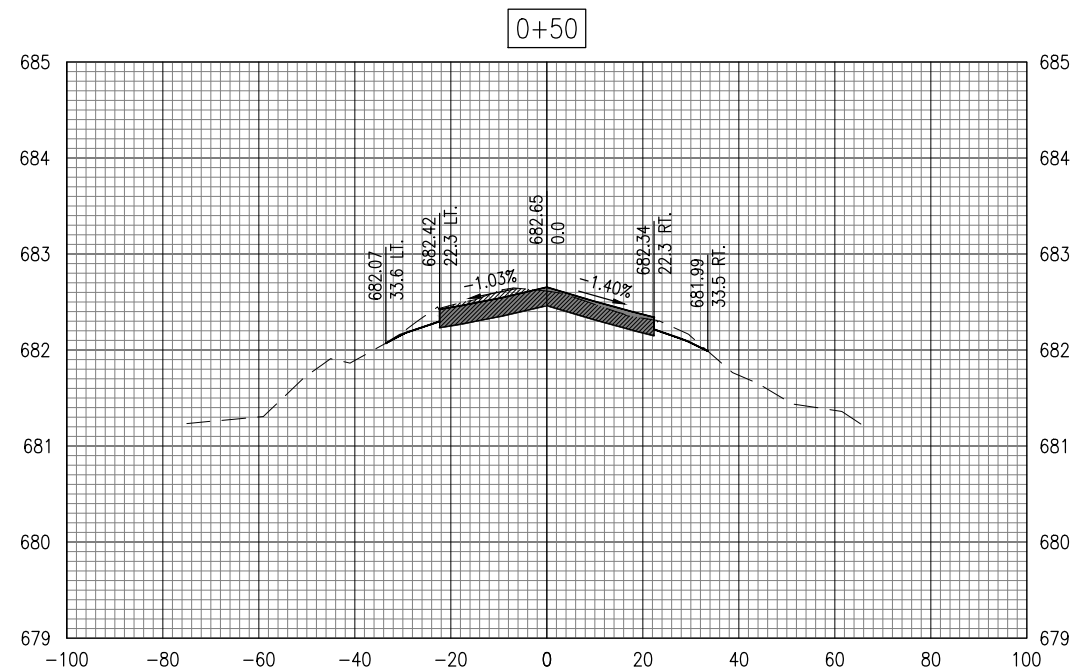


EXISTING	PROPOSED	LEGEND
---	---	BITUMINOUS PAVEMENT
---	---	1-FOOT CONTOURS
735	735	ELEVATION





EXISTING	PROPOSED	LEGEND
---	---	SURFACE
	█	BIT. SURF. CSE.-METHOD I, SUPERPAVE
	▨	BIT. PAVEMENT MILLING (VARIABLE)



REHABILITATE
PARALLEL TAXIWAY,
PHASE 2

IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
Contract No: MB036

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: 11/17/23
PROJECT NO: 23A0068D
CAD FILE: C-302.XS.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/1/2023

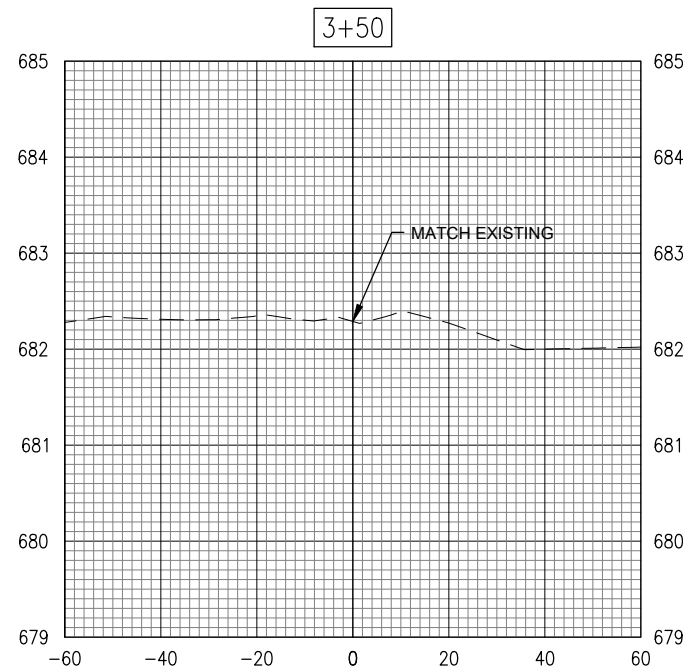
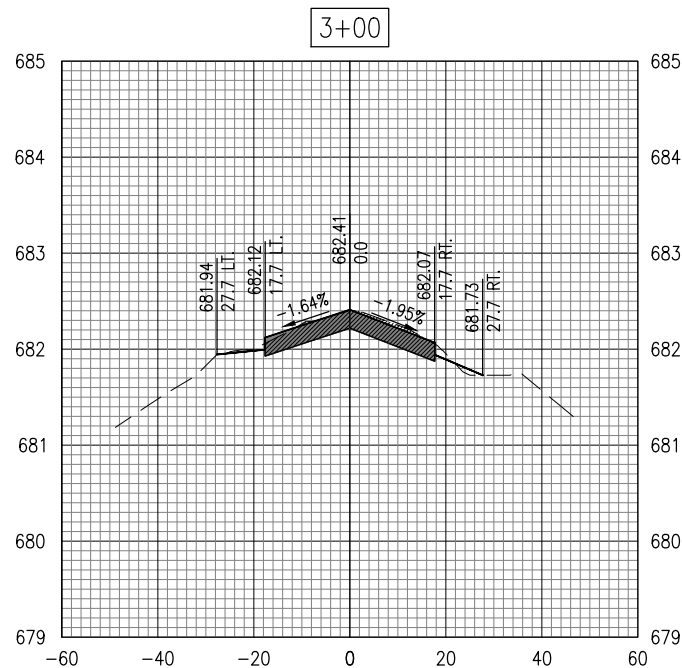
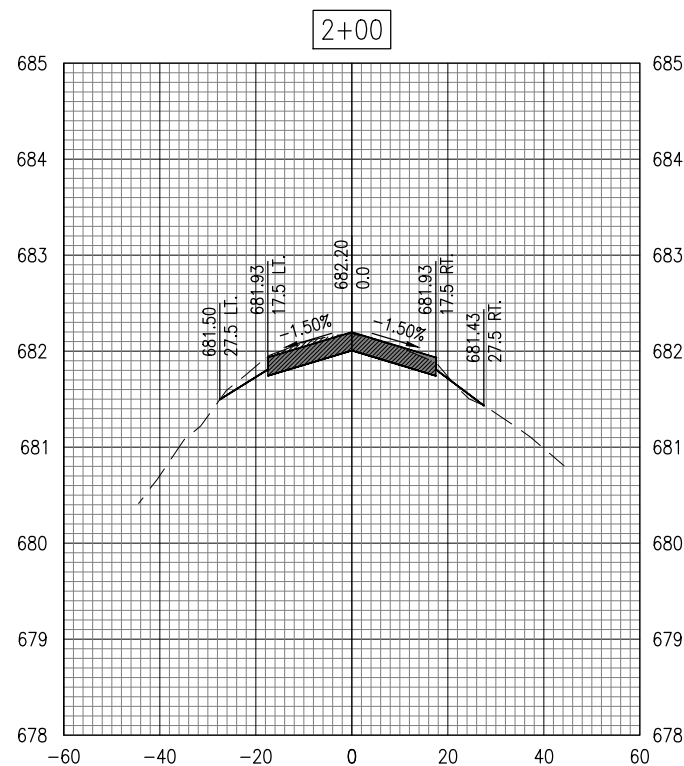
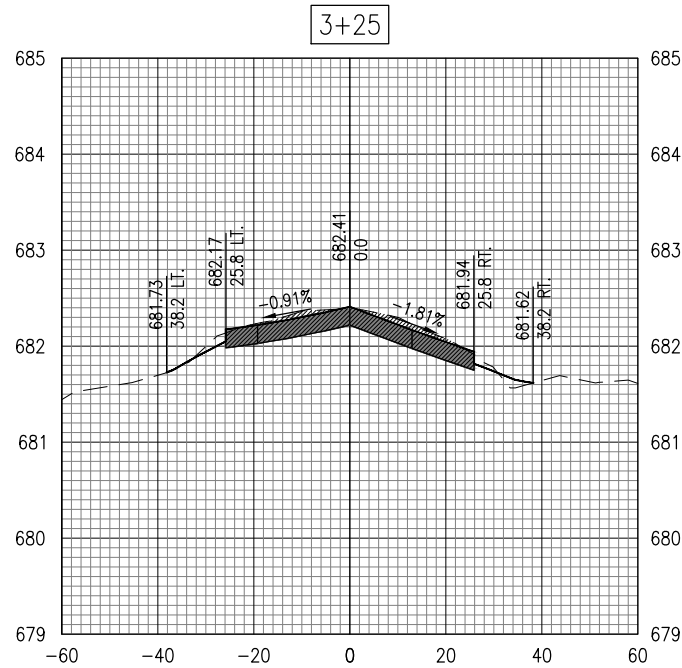
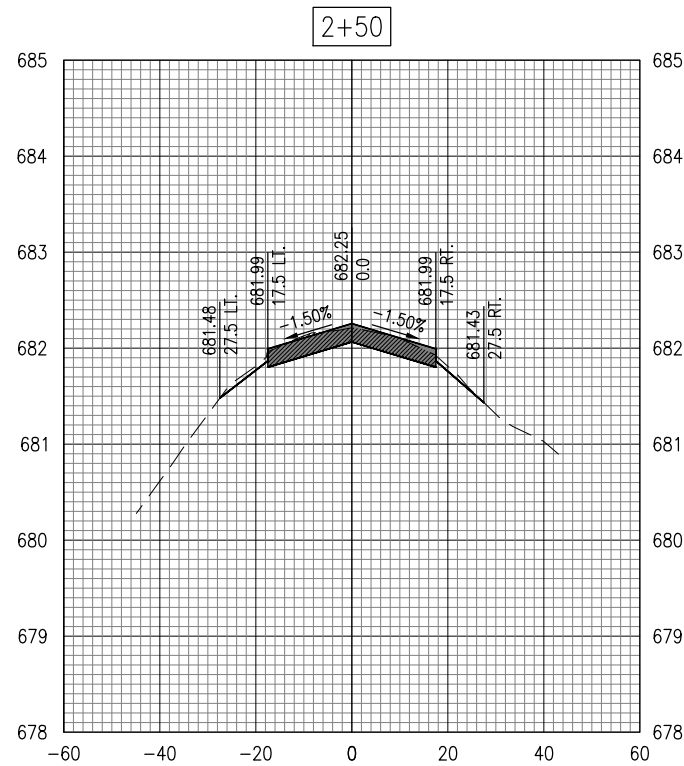
SHEET TITLE

TWY A2
CROSS-SECTIONS -
0+00 - 1+50



MACOMB MUNICIPAL AIRPORT
16190 East 1300th Street
Macomb, Illinois 61455
Telephone: 309.833.3324
Fax: 309.836.7721

EXISTING	PROPOSED	LEGEND
---	---	SURFACE
	█	BIT. SURF. CSE.-METHOD I, SUPERPAVE
	▨	BIT. PAVEMENT MILLING (VARIABLE)



REHABILITATE
PARALLEL TAXIWAY,
PHASE 2

IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
Contract No: MB036

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: 11/17/23
PROJECT NO: 23A0068D
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DESIGN BY: MJD 6/02/2023
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REVIEWED BY: LDH 11/1/2023

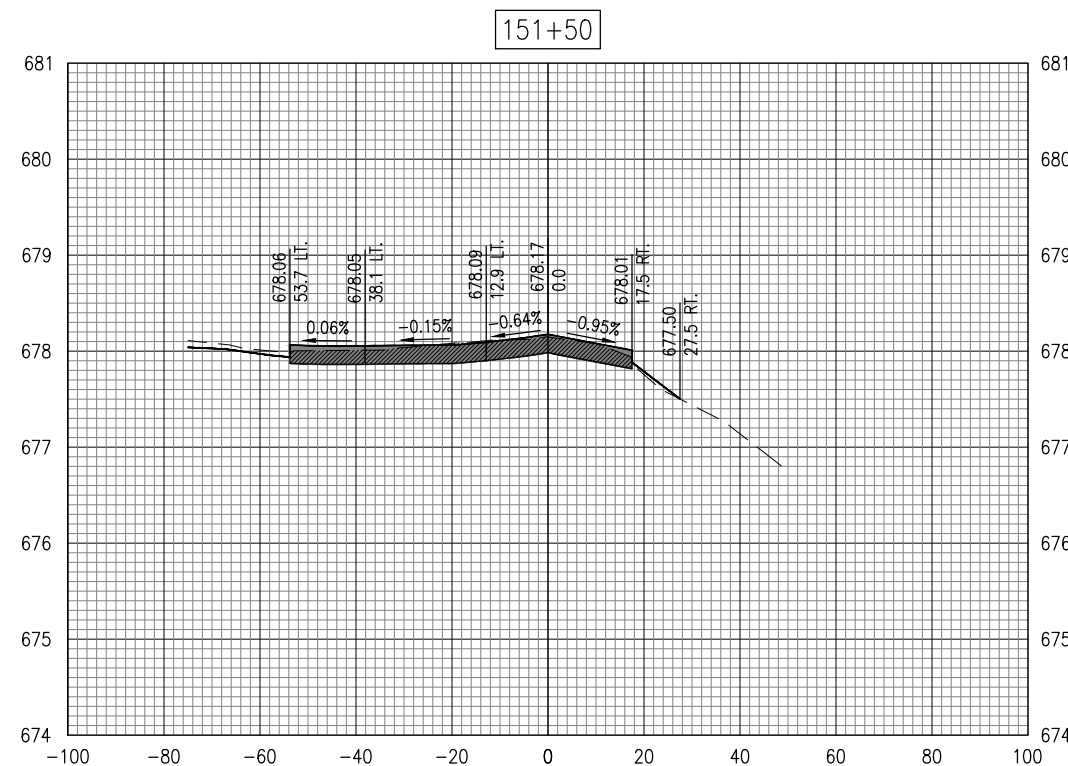
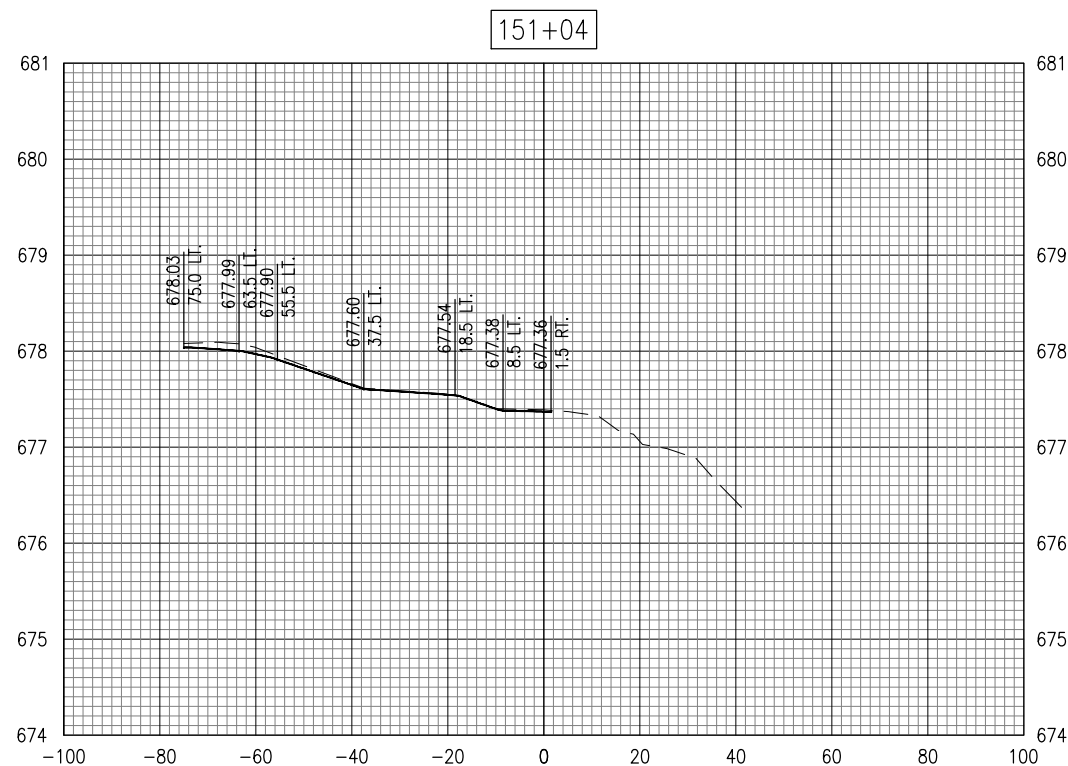
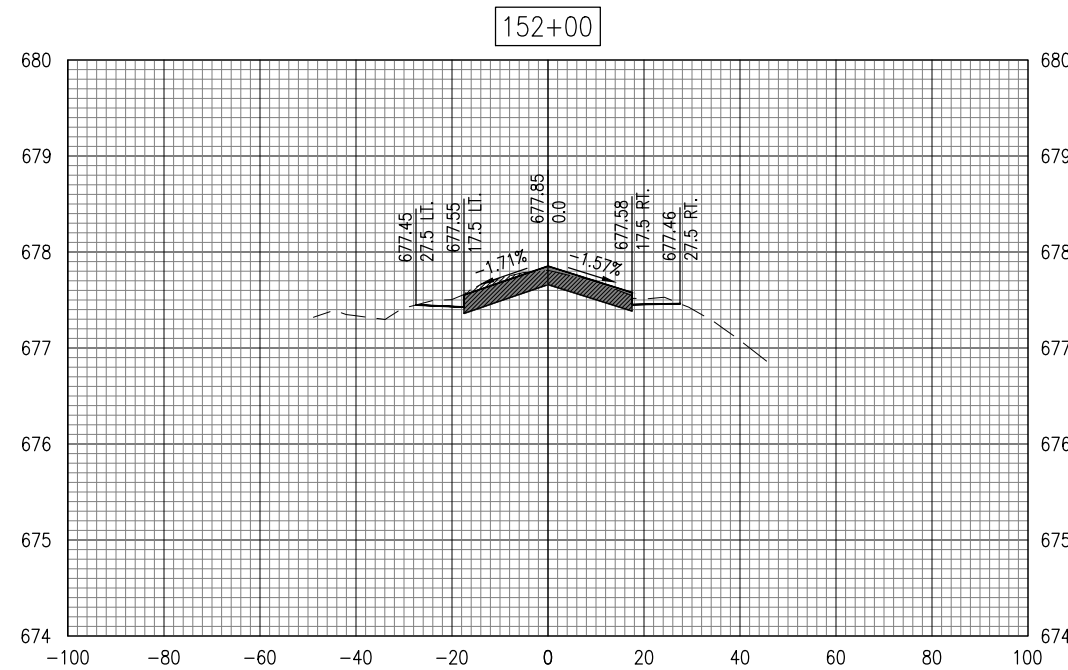
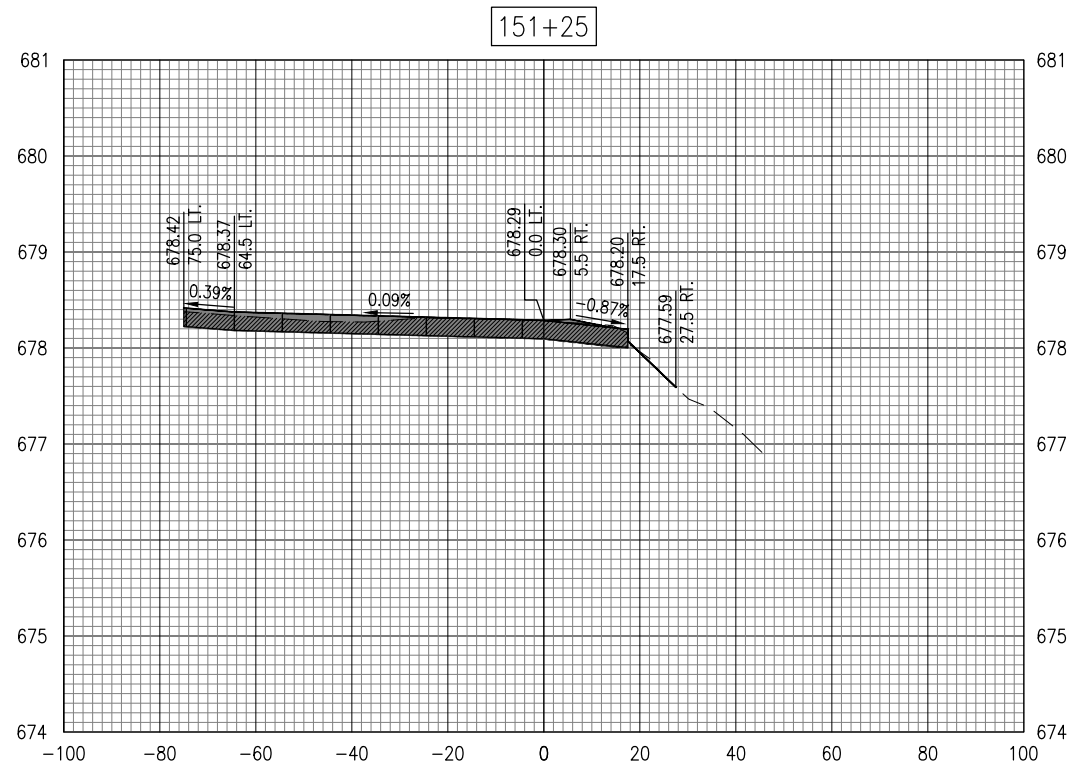
SHEET TITLE

TWY A2
CROSS-SECTIONS -
2+00 - 3+50



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16190 East 1300th Street
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EXISTING	PROPOSED	LEGEND
---	---	SURFACE
	█	BIT. SURF. CSE.-METHOD I, SUPERPAVE
	▨	BIT. PAVEMENT MILLING (VARIABLE)



REHABILITATE
PARALLEL TAXIWAY,
PHASE 2

IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
Contract No: MB036

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

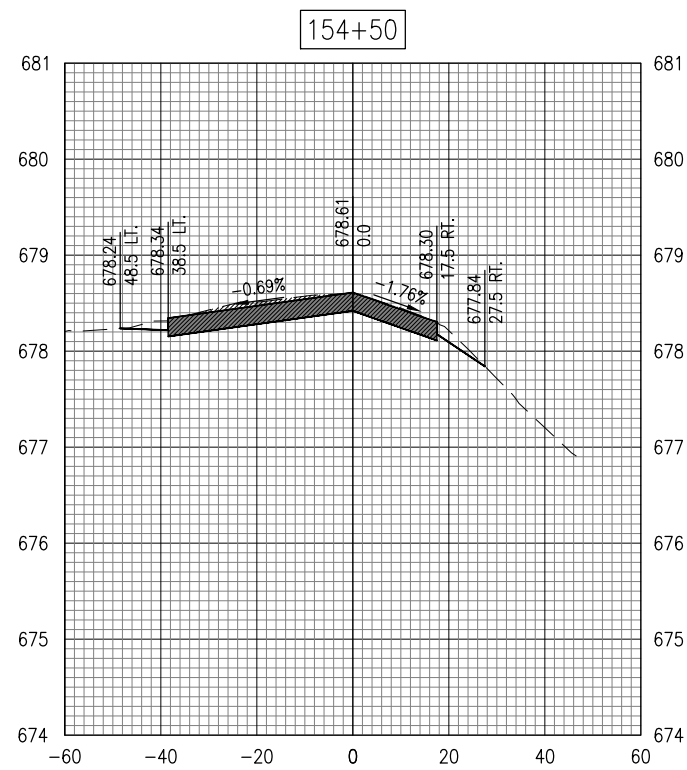
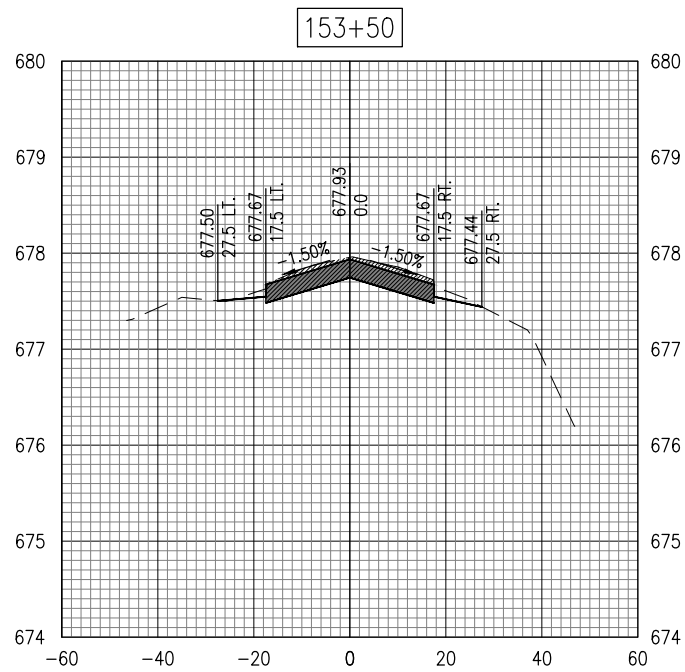
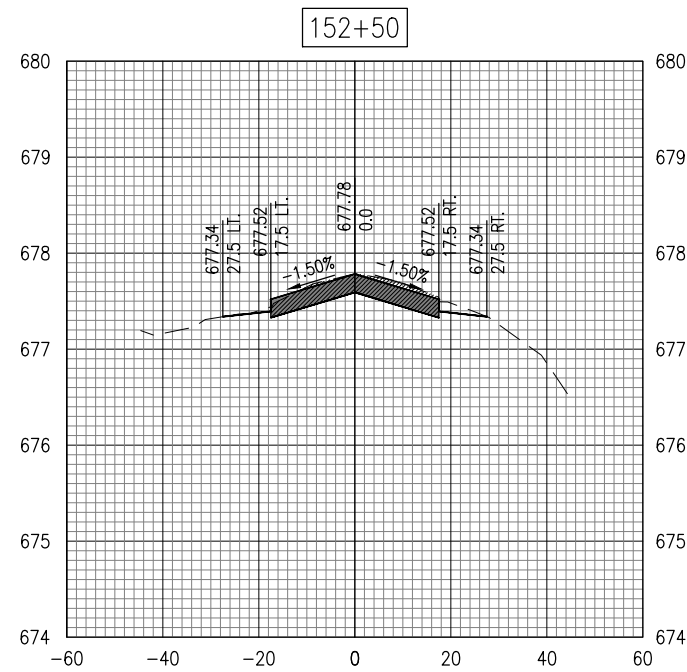
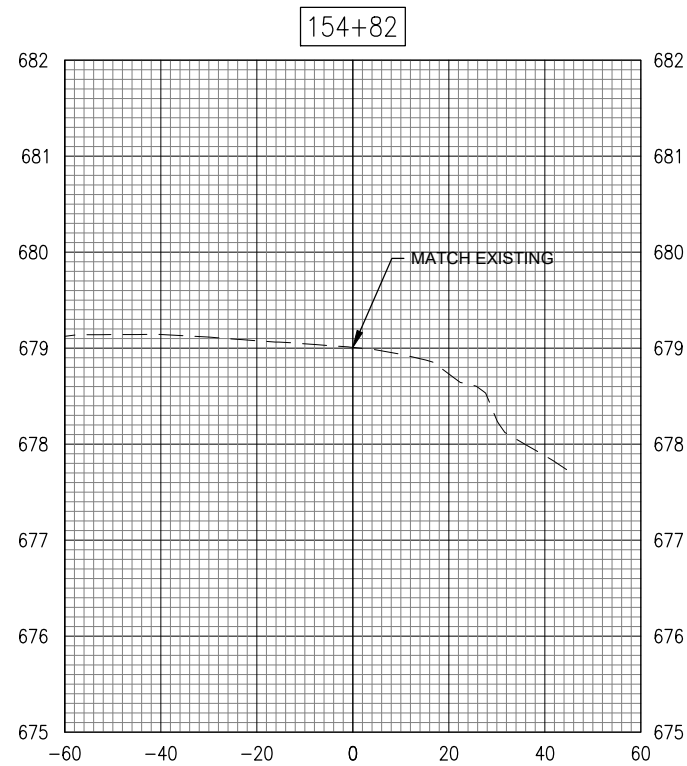
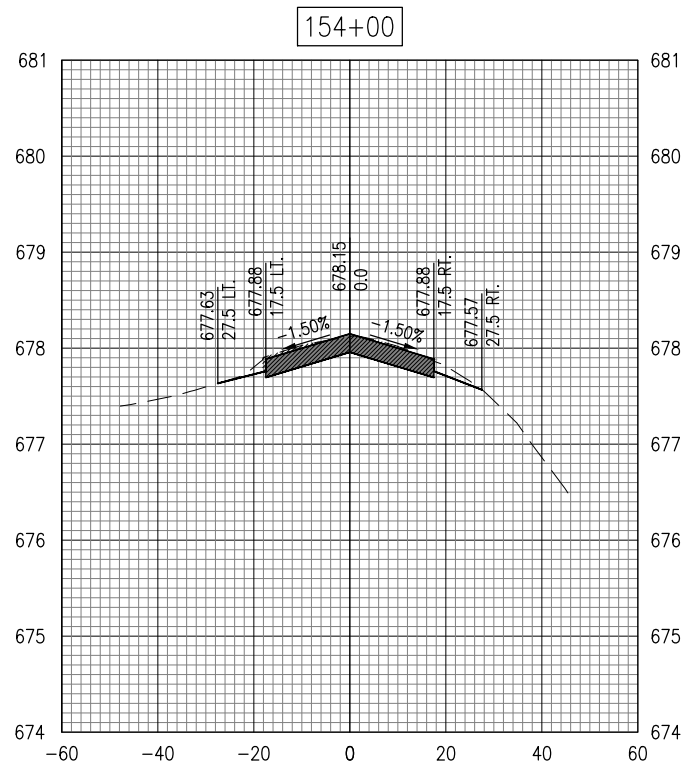
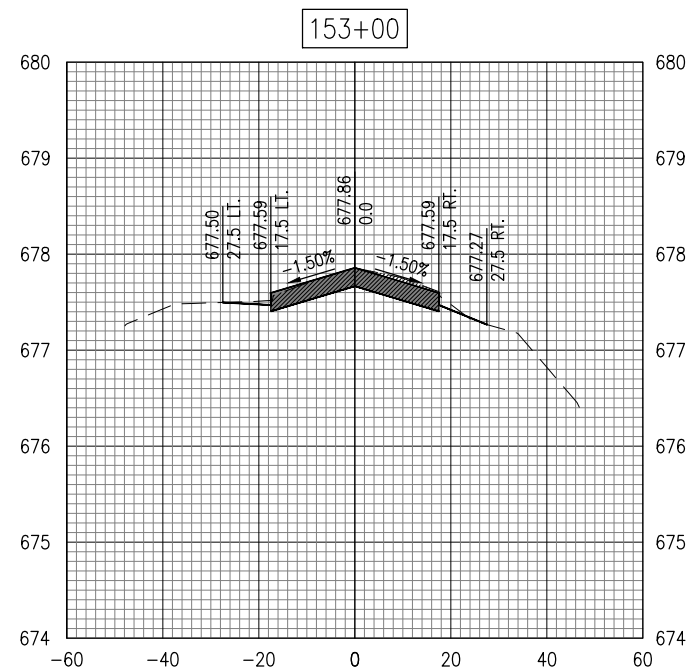
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DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/1/2023

SHEET TITLE

TWY A3
CROSS-SECTIONS -
151+04 - 152+00



EXISTING	PROPOSED	LEGEND
---	---	SURFACE
	█	BIT. SURF. CSE.-METHOD I, SUPERPAVE
	▨	BIT. PAVEMENT MILLING (VARIABLE)



REHABILITATE
PARALLEL TAXIWAY,
PHASE 2

IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
Contract No: MB036

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: 11/17/23
PROJECT NO: 23A0068D
CAD FILE: C-302-XS.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/1/2023

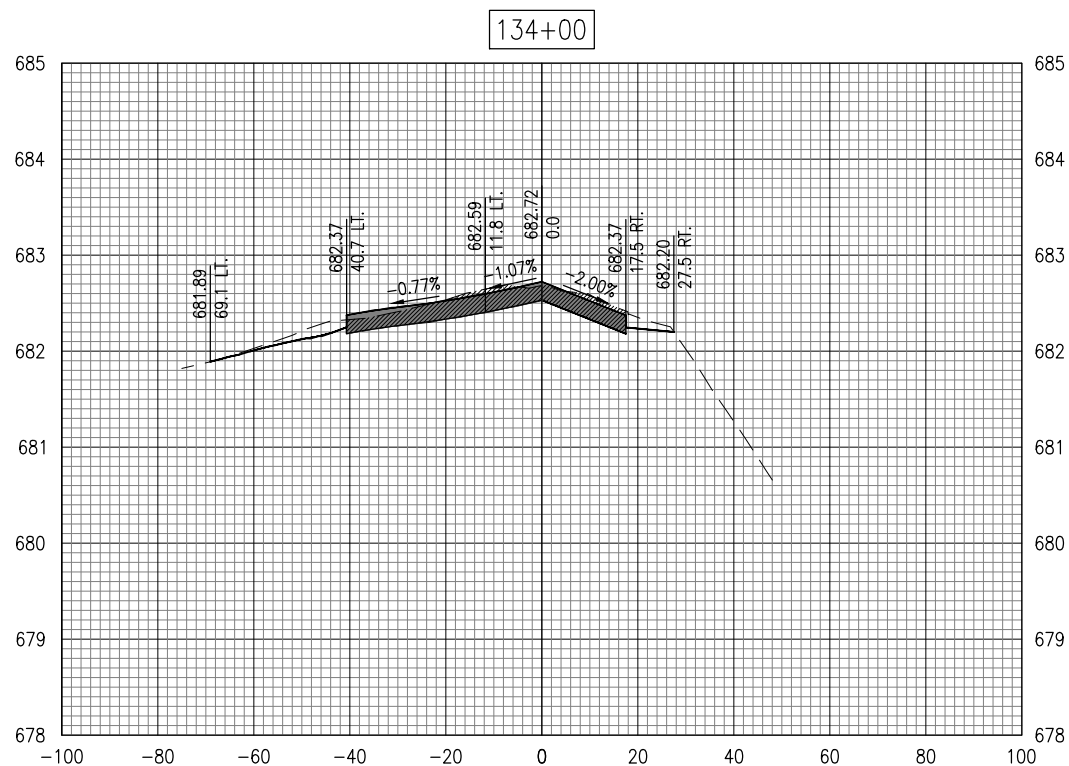
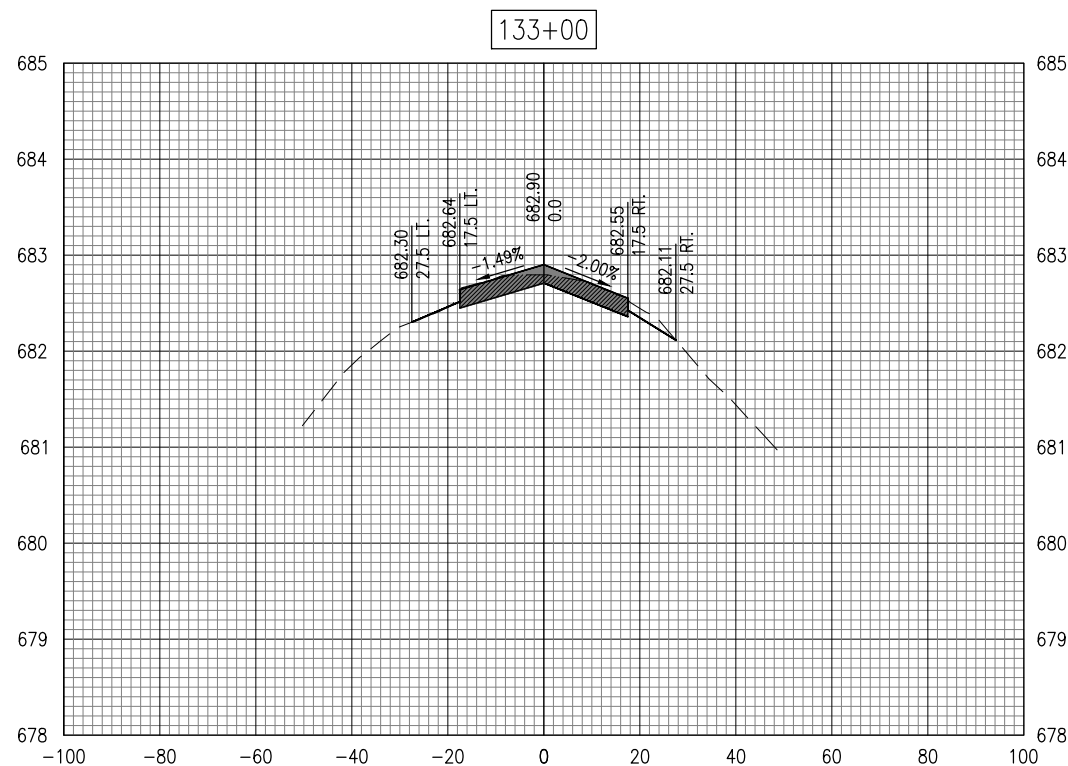
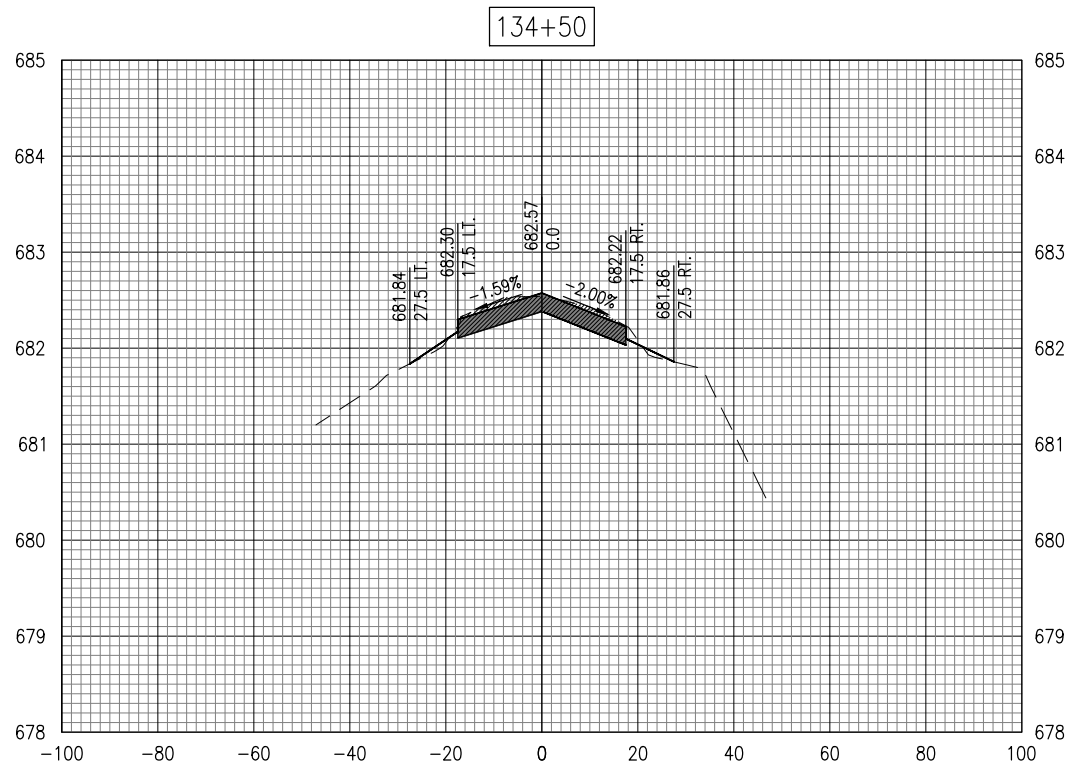
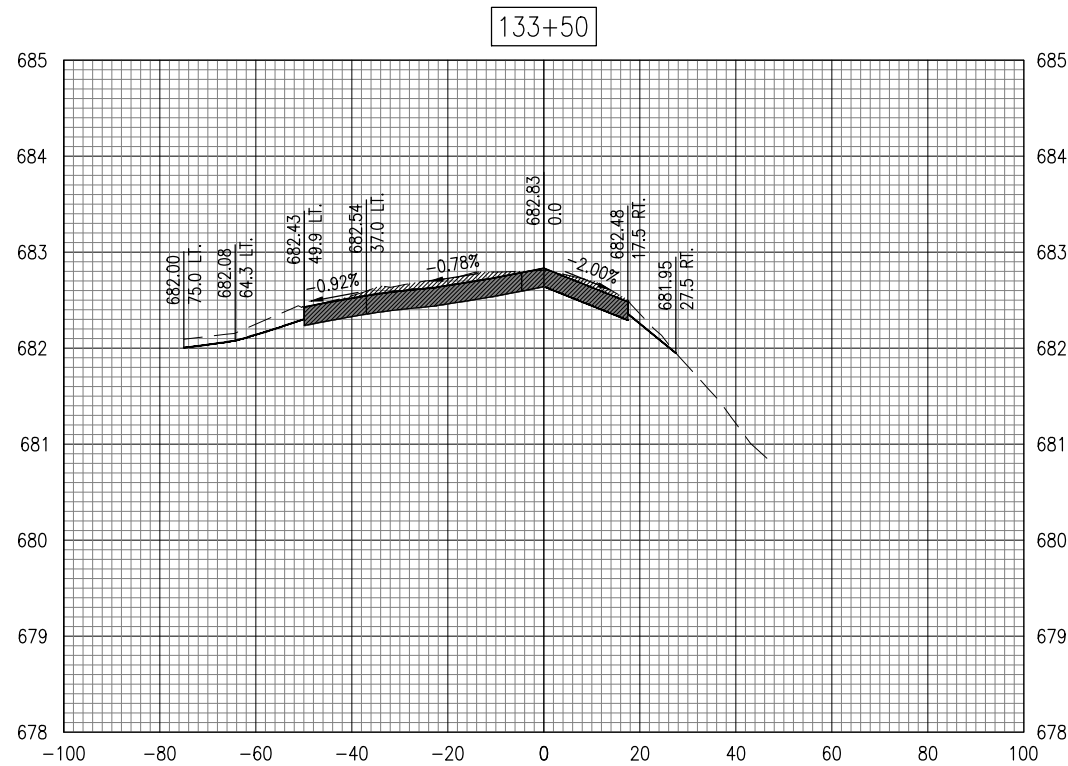
SHEET TITLE

TWY A3
CROSS-SECTIONS -
152+50 - 154+82



MACOMB MUNICIPAL AIRPORT
16190 East 1300th Street
Macomb, Illinois 61455
Telephone: 309.833.3324
Fax: 309.836.7721

EXISTING	PROPOSED	LEGEND
---	---	SURFACE
	█	BIT. SURF. CSE.-METHOD I, SUPERPAVE
	▨	BIT. PAVEMENT MILLING (VARIABLE)



REHABILITATE
PARALLEL TAXIWAY,
PHASE 2

IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
Contract No: MB036

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: 11/17/23
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CAD FILE: C-302-XS.DWG
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REVIEWED BY: LDH 11/1/2023

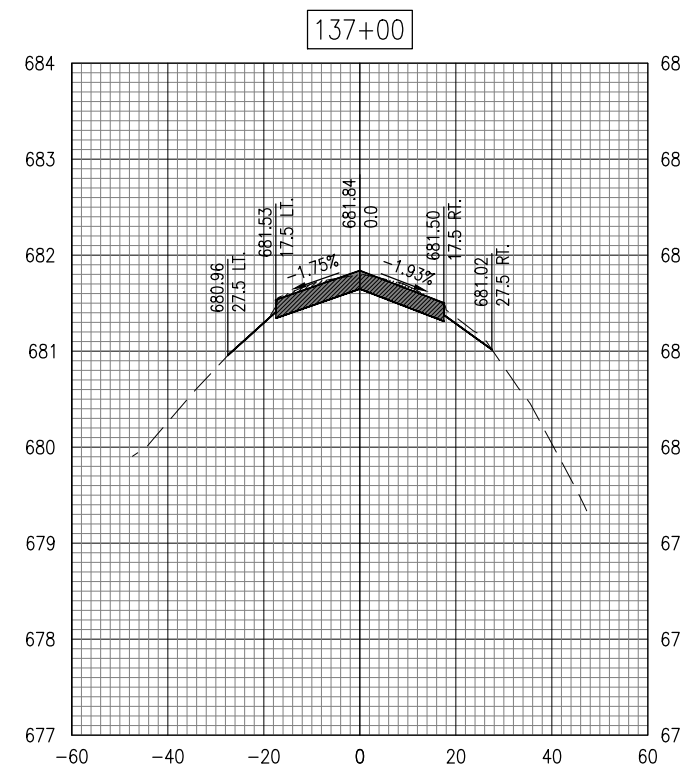
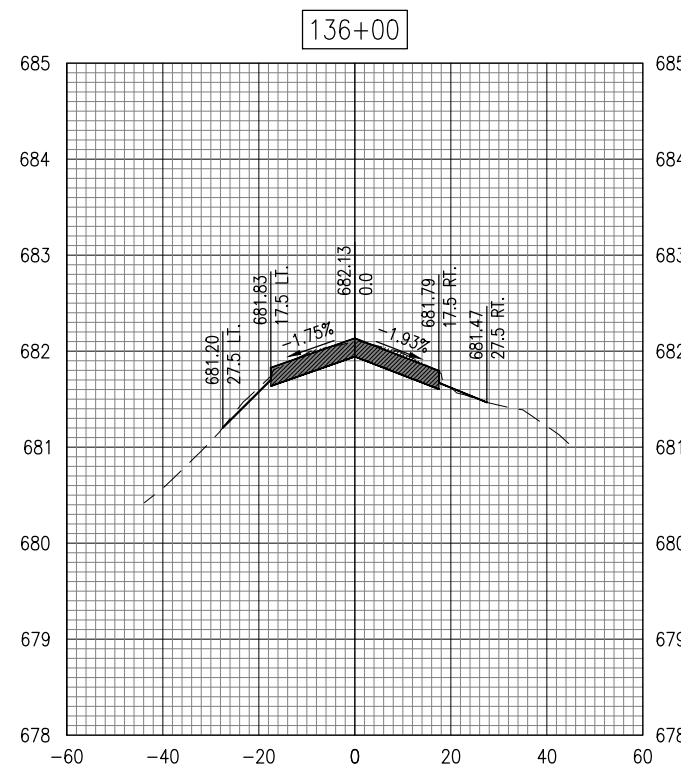
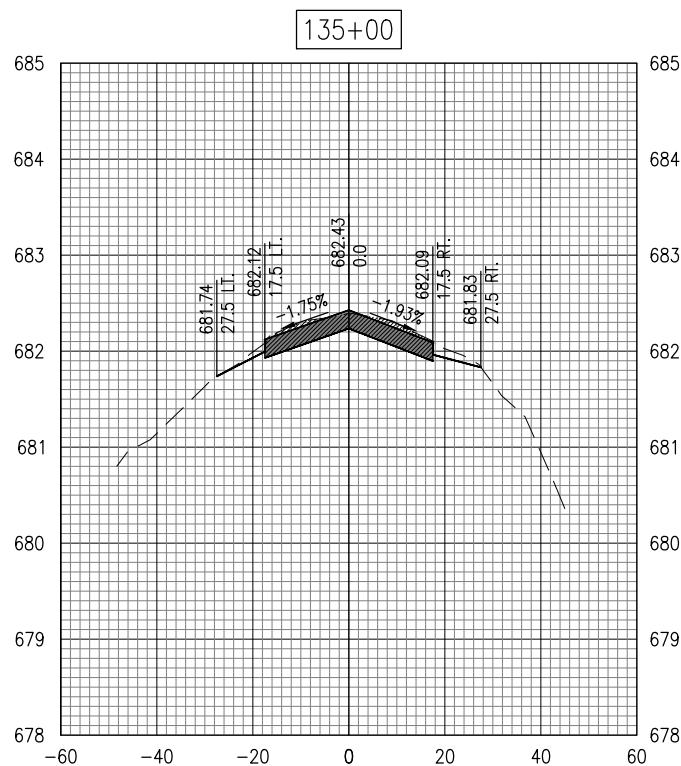
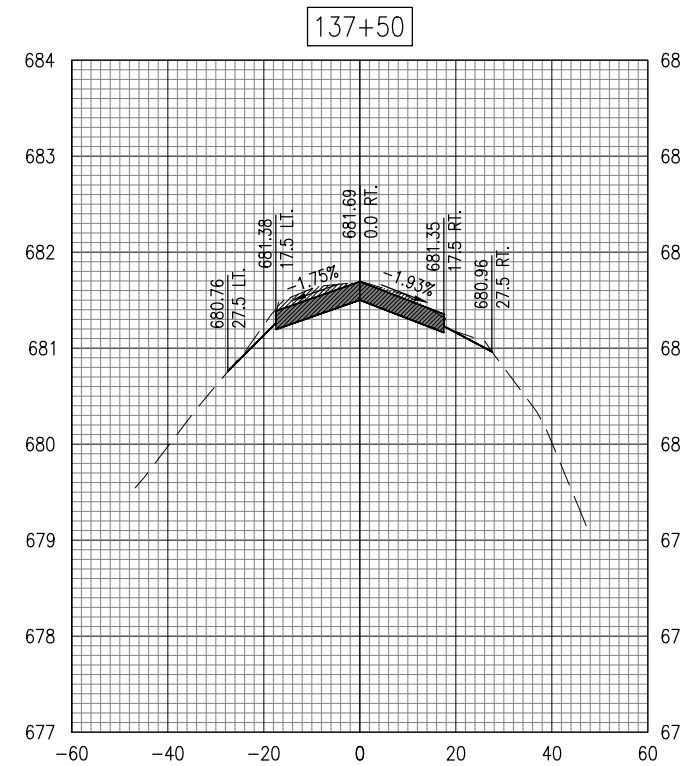
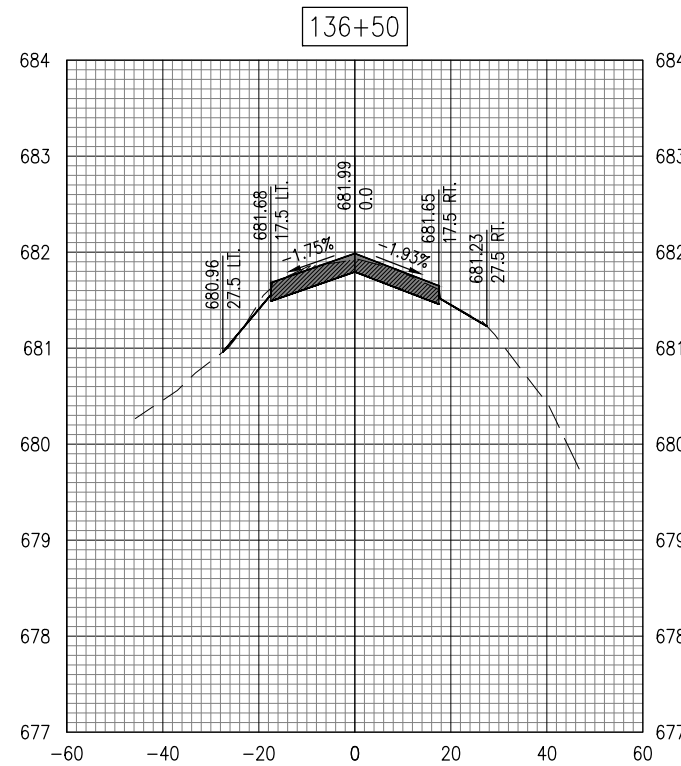
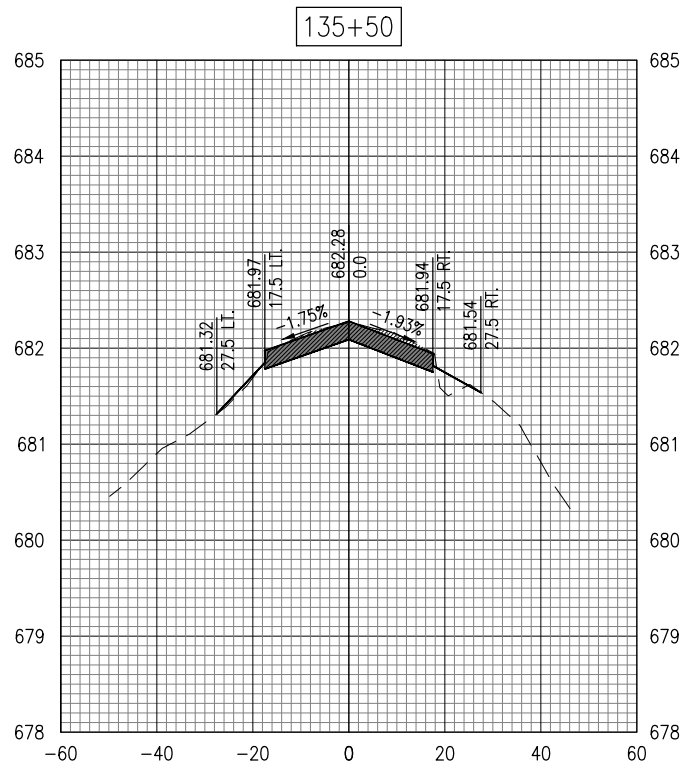
SHEET TITLE

TWY A (EAST)
CROSS-SECTIONS -
133+00 - 134+50



MACOMB MUNICIPAL AIRPORT
16190 East 1300th Street
Macomb, Illinois 61455
Telephone: 309.833.3324
Fax: 309.836.7721

EXISTING	PROPOSED	LEGEND
---	---	SURFACE
	█	BIT. SURF. CSE.-METHOD I, SUPERPAVE
	▨	BIT. PAVEMENT MILLING (VARIABLE)



REHABILITATE
PARALLEL TAXIWAY,
PHASE 2

IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
Contract No: MB036

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

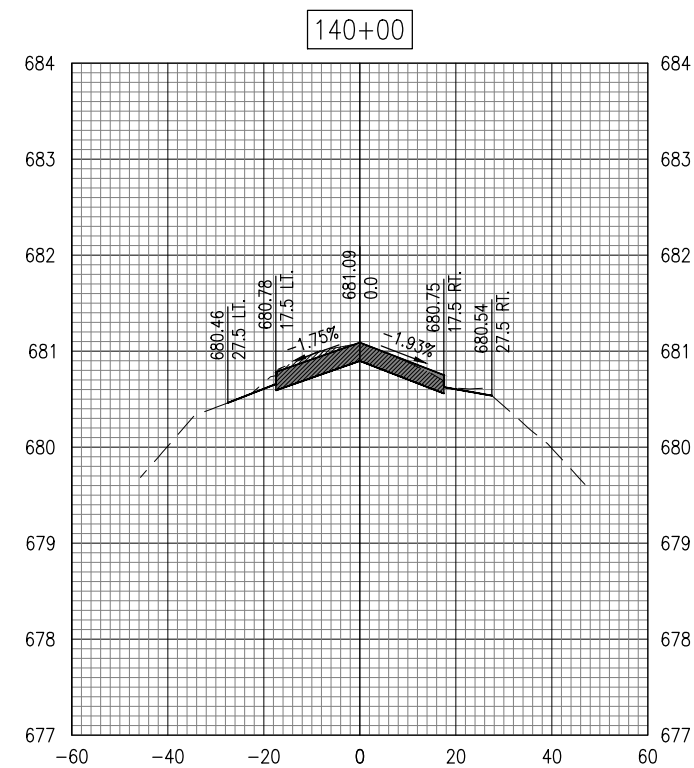
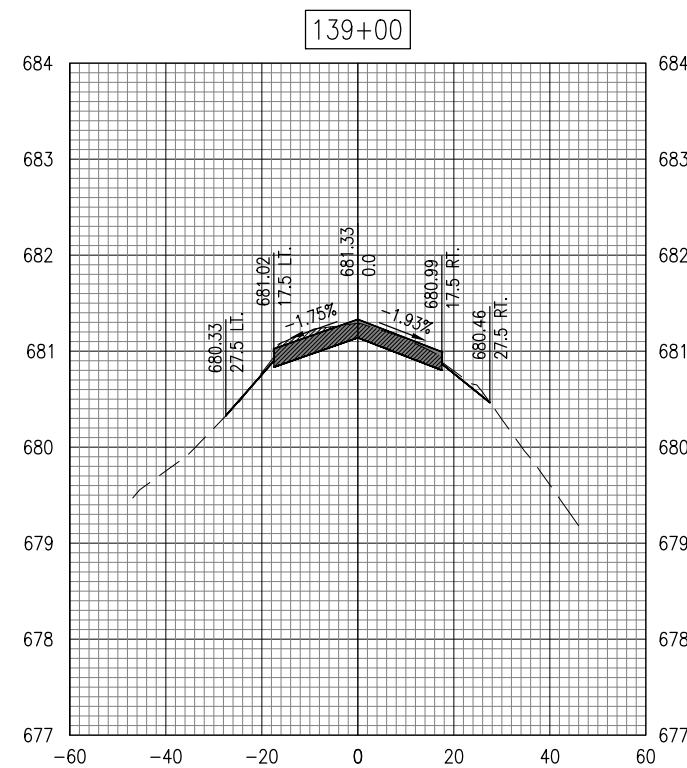
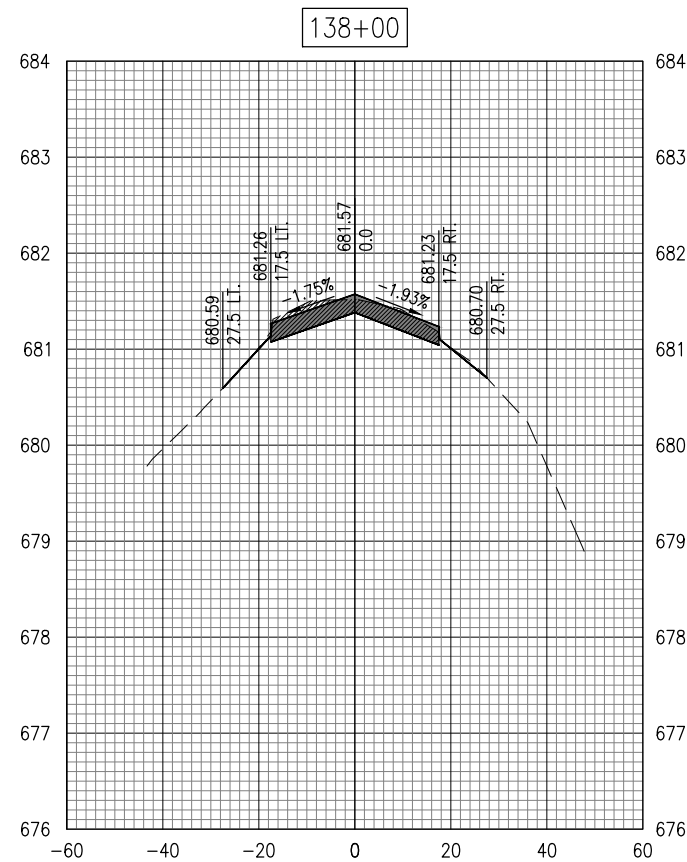
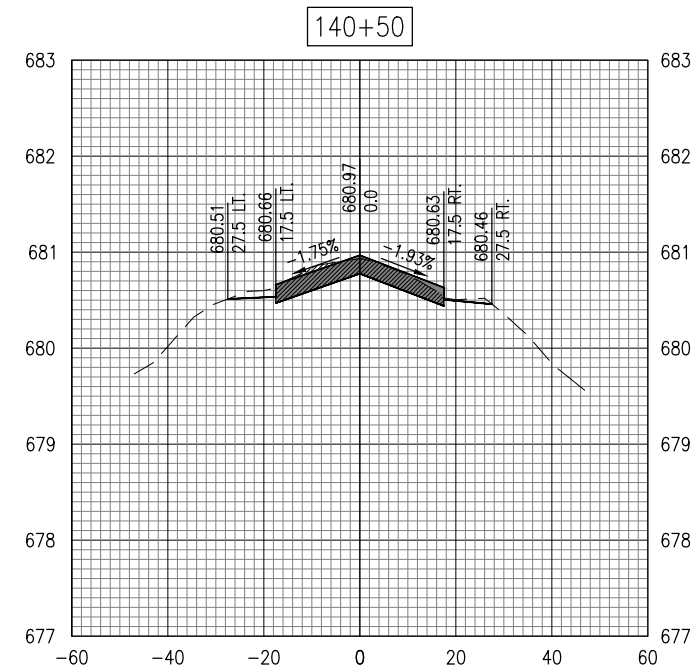
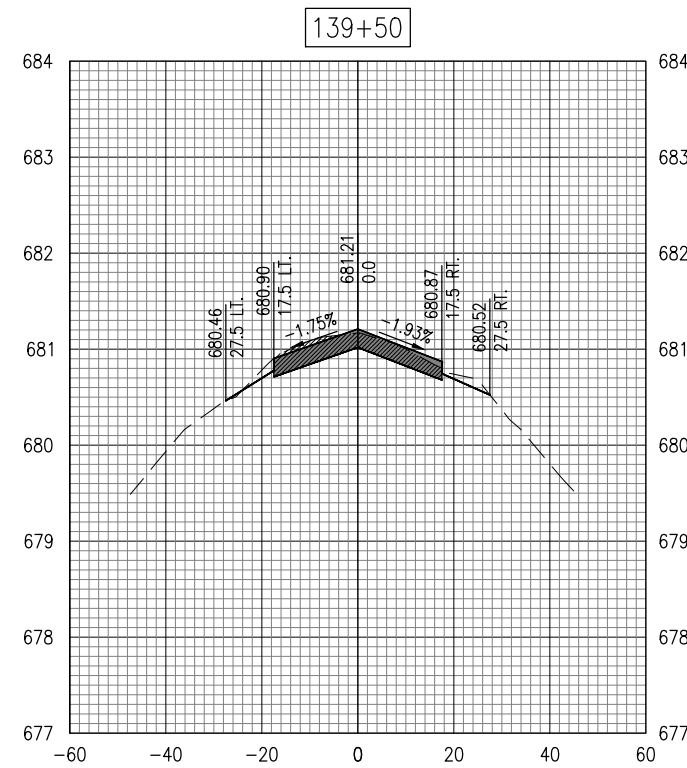
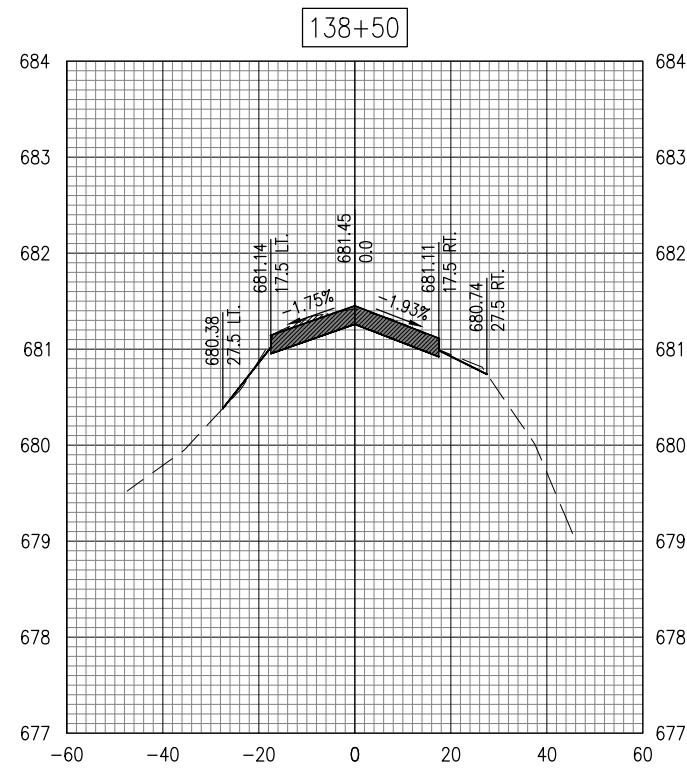
ISSUE: 11/17/23
PROJECT NO: 23A0068D
CAD FILE: C-302-XS.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/1/2023

SHEET TITLE

TWY A (EAST)
CROSS-SECTIONS -
135+00 - 137+50



EXISTING	PROPOSED	LEGEND
---	---	SURFACE
	█	BIT. SURF. CSE.-METHOD I, SUPERPAVE
	▨	BIT. PAVEMENT MILLING (VARIABLE)



REHABILITATE
PARALLEL TAXIWAY,
PHASE 2

IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
Contract No: MB036

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: 11/17/23
PROJECT NO: 23A0068D
CAD FILE: C-302.XS.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/1/2023

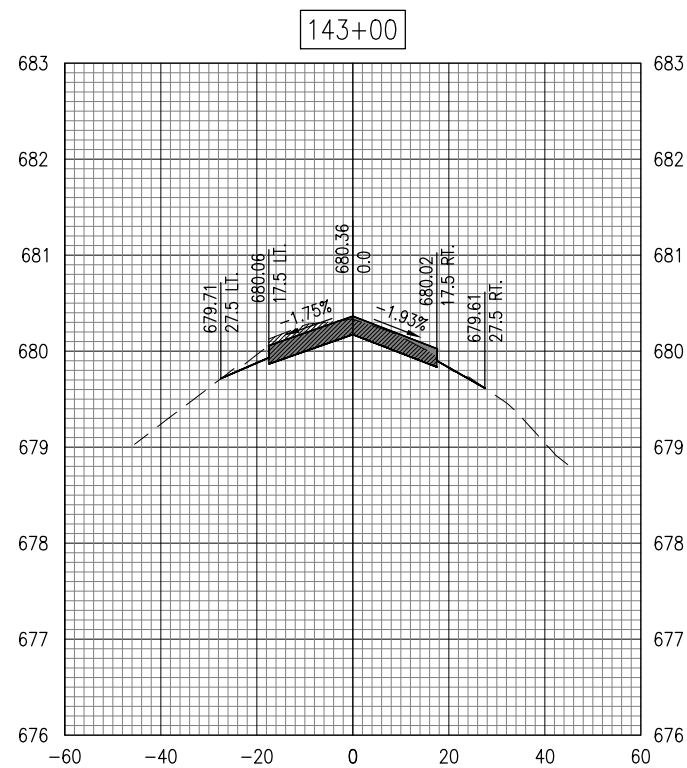
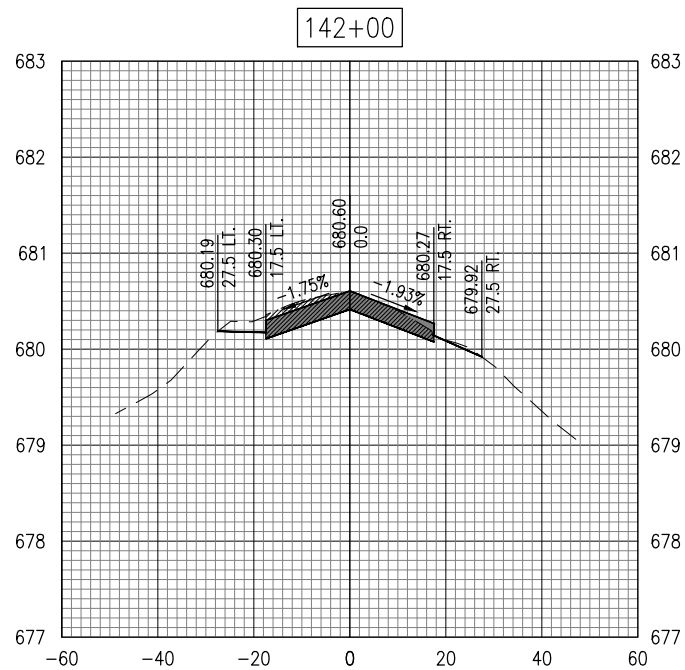
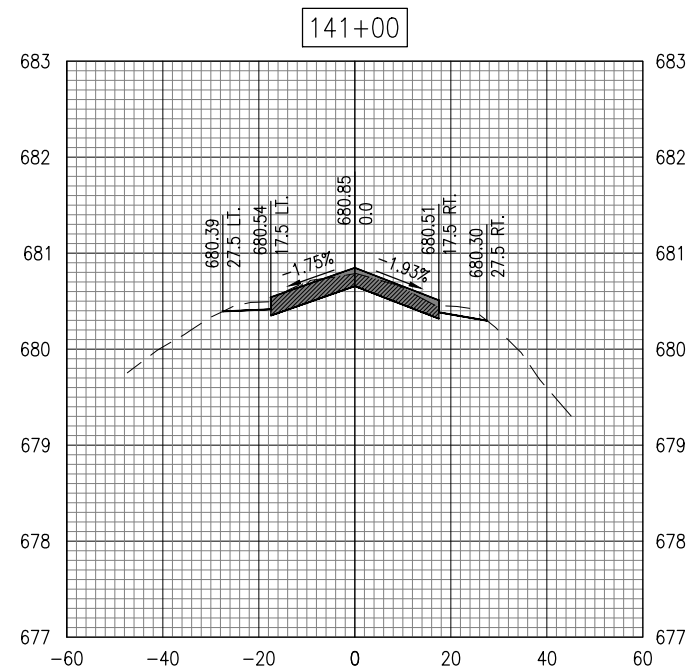
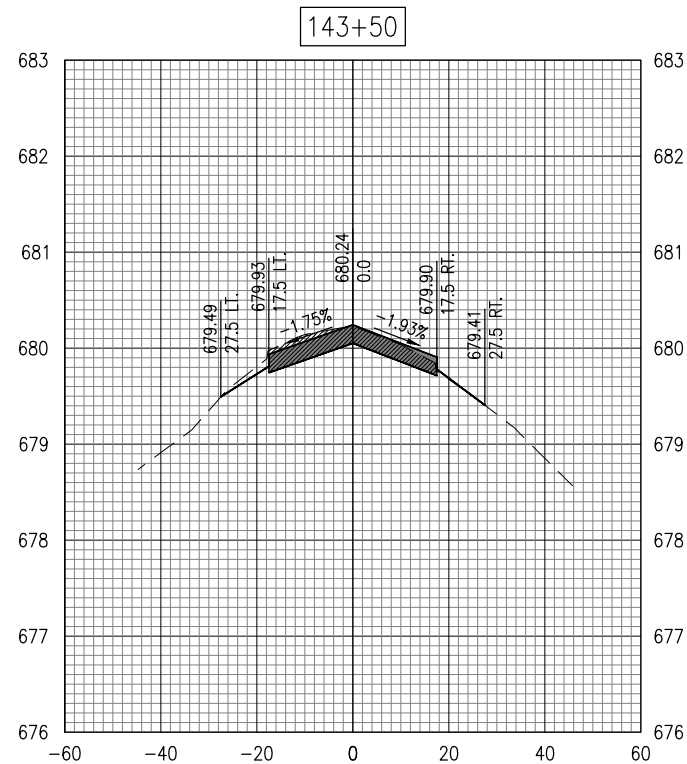
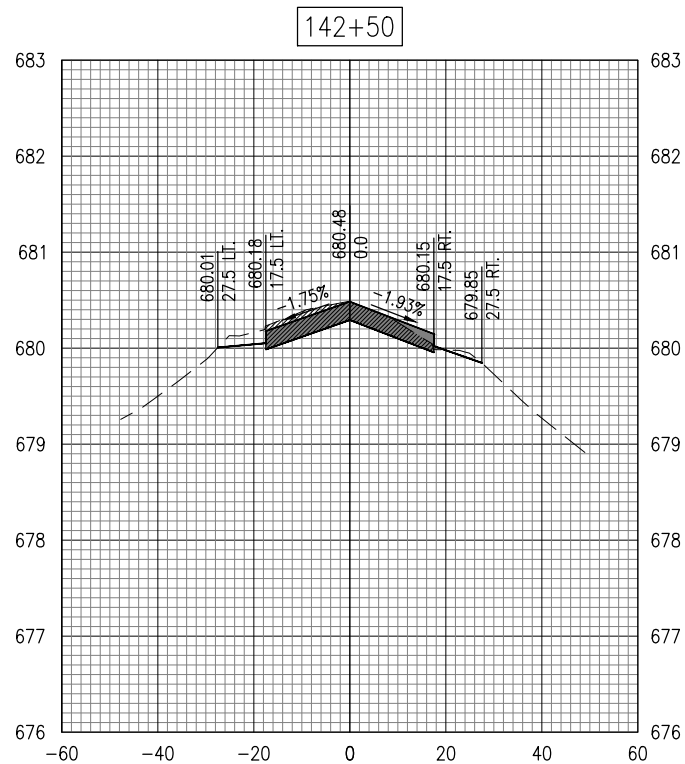
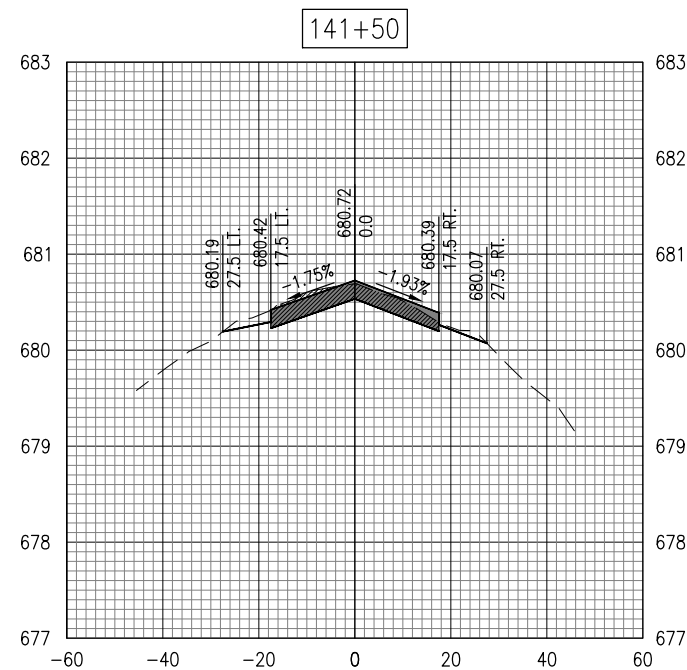
SHEET TITLE

TWY A (EAST)
CROSS-SECTIONS -
138+00 - 140+50



MACOMB MUNICIPAL AIRPORT
16190 East 1300th Street
Macomb, Illinois 61455
Telephone: 309.833.3324
Fax: 309.836.7721

EXISTING	PROPOSED	LEGEND
---	---	SURFACE
	█	BIT. SURF. CSE.-METHOD I, SUPERPAVE
	▨	BIT. PAVEMENT MILLING (VARIABLE)



REHABILITATE
PARALLEL TAXIWAY,
PHASE 2

IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
Contract No: MB036

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

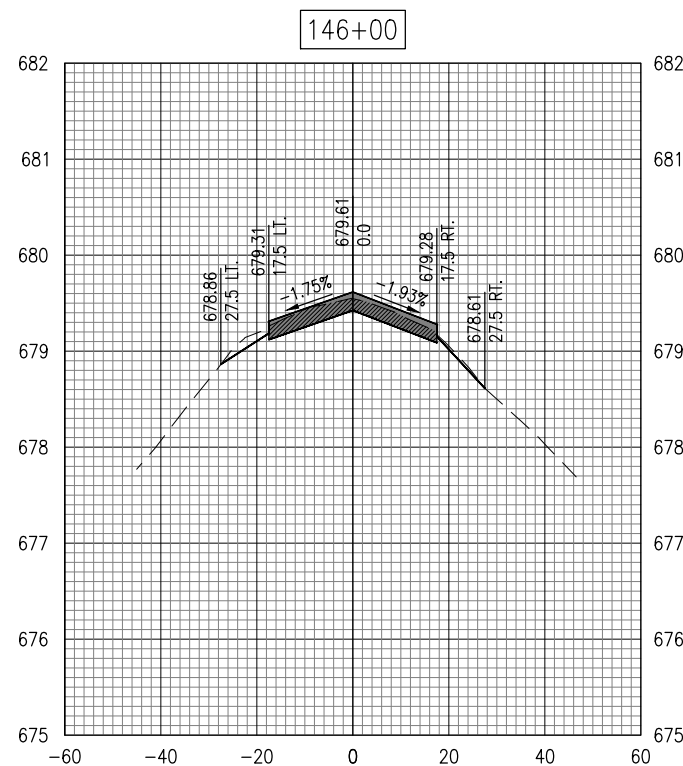
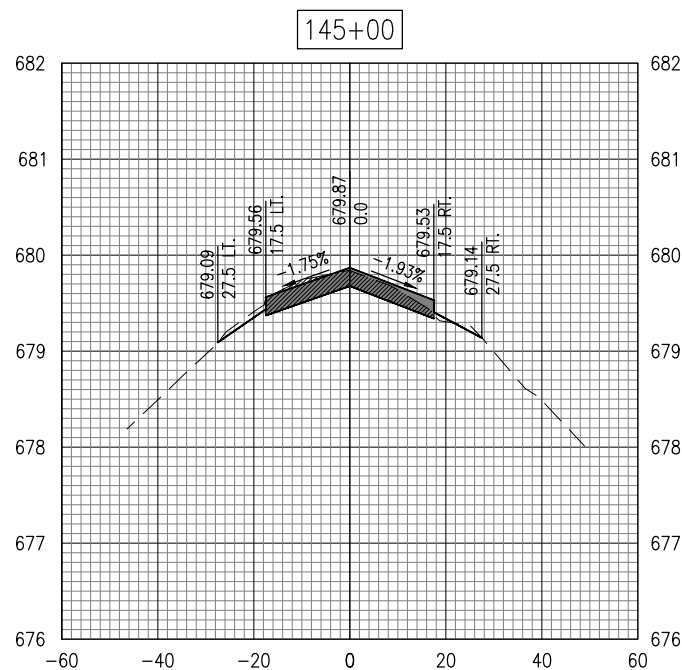
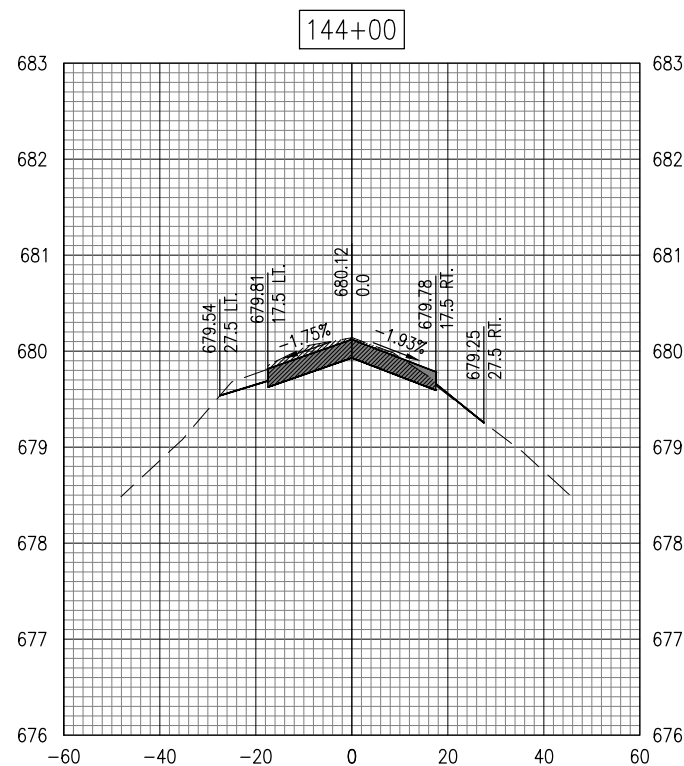
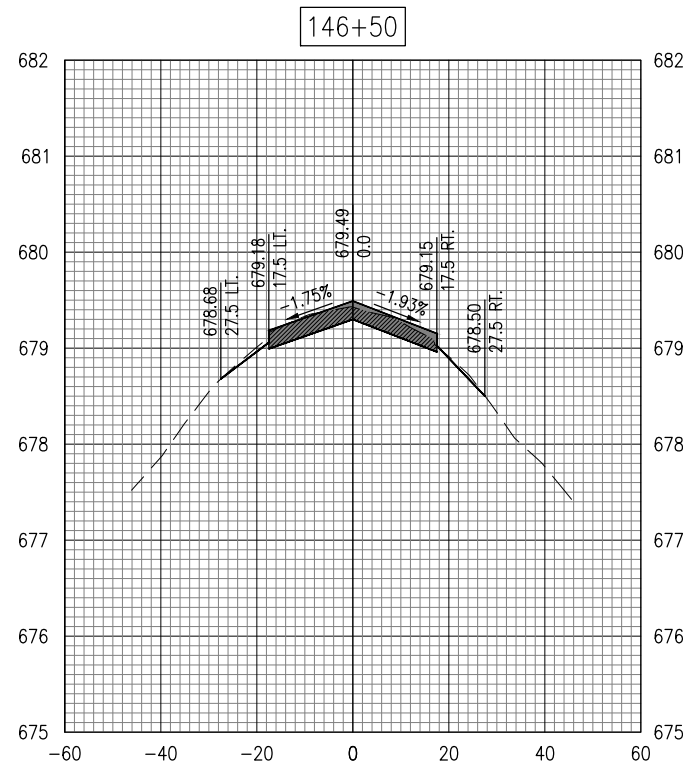
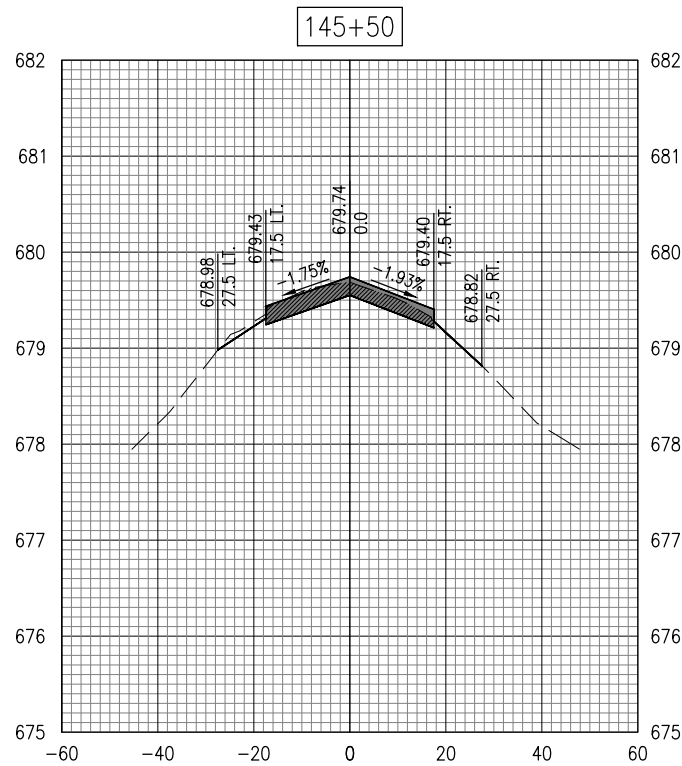
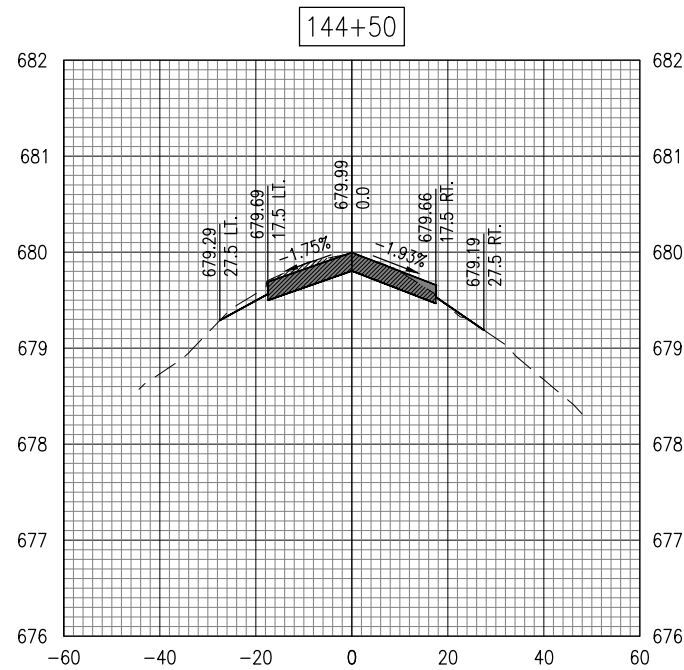
ISSUE: 11/17/23
PROJECT NO: 23A0068D
CAD FILE: C-302-XS.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/1/2023

SHEET TITLE

TWY A (EAST)
CROSS-SECTIONS -
141+00 - 143+50



EXISTING	PROPOSED	LEGEND
---	---	SURFACE
	█	BIT. SURF. CSE.-METHOD I, SUPERPAVE
	▨	BIT. PAVEMENT MILLING (VARIABLE)



REHABILITATE
PARALLEL TAXIWAY,
PHASE 2

IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
Contract No: MB036

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

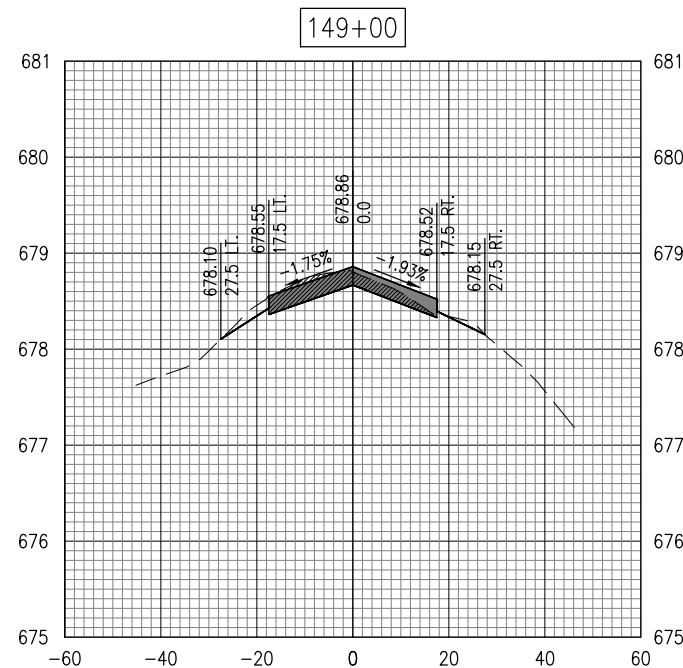
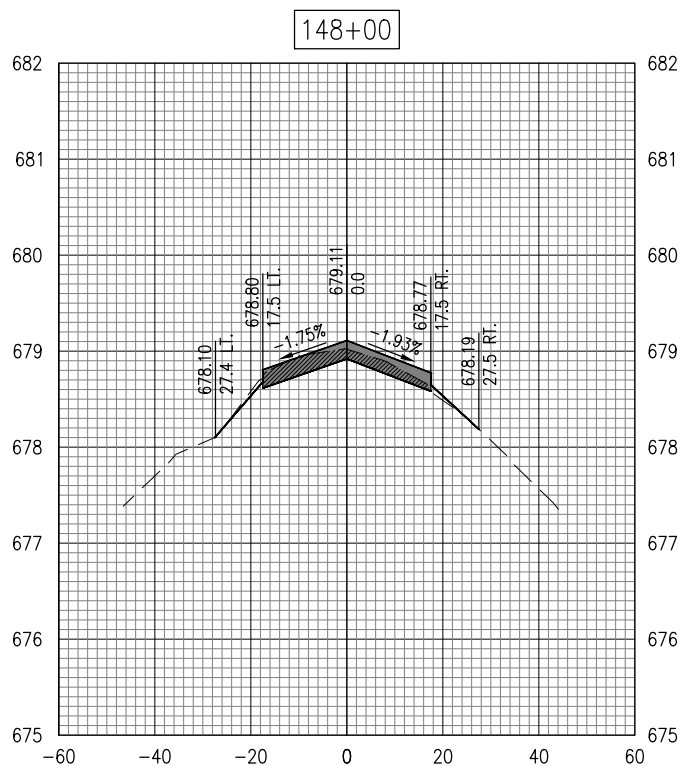
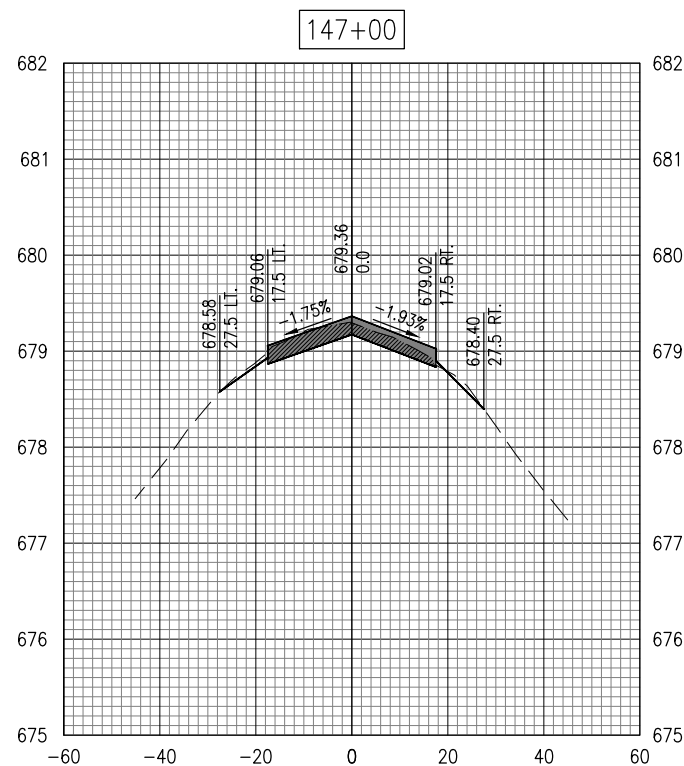
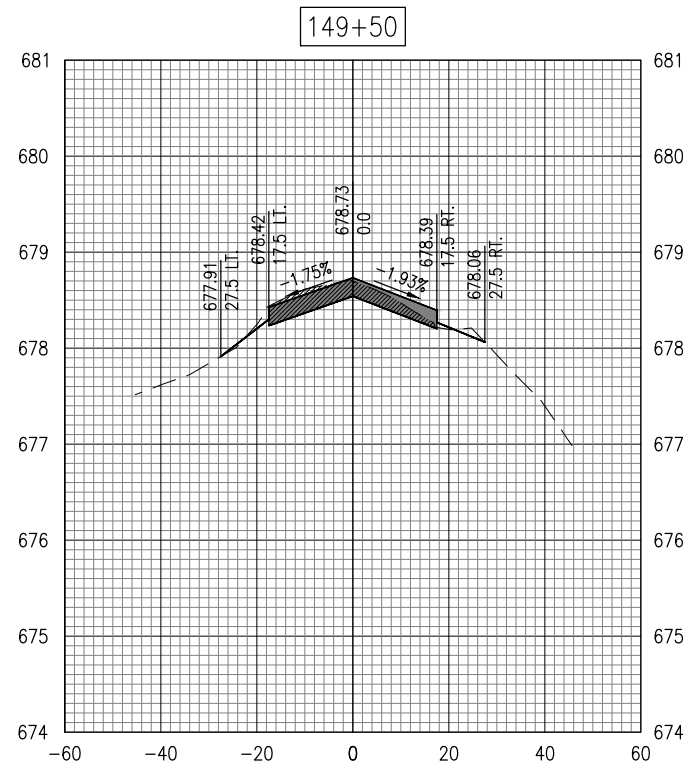
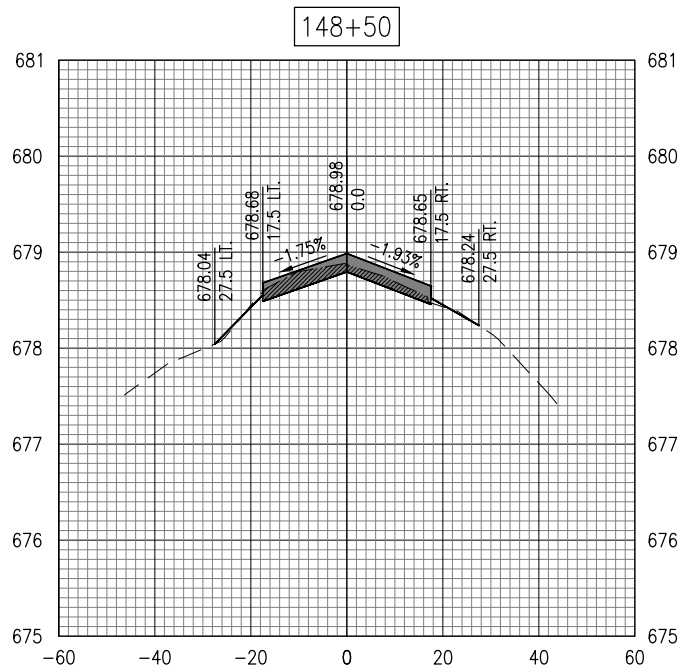
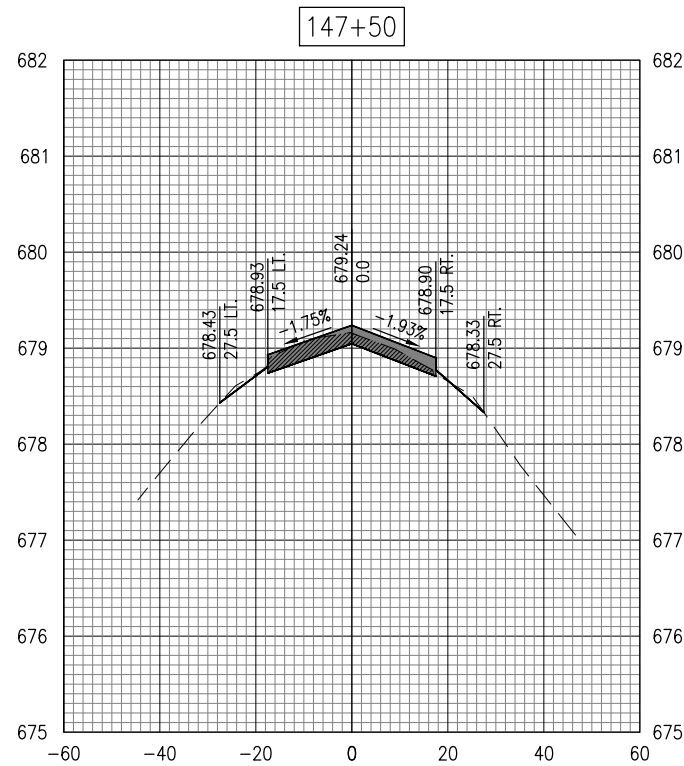
ISSUE: 11/17/23
PROJECT NO: 23A0068D
CAD FILE: C-302-XS.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/1/2023

SHEET TITLE

TWY A (EAST)
CROSS-SECTIONS -
144+00 - 146+50



EXISTING	PROPOSED	LEGEND
- - - - -	- - - - -	SURFACE
	▒	BIT. SURF. CSE.-METHOD I, SUPERPAVE
	▨	BIT. PAVEMENT MILLING (VARIABLE)



REHABILITATE
PARALLEL TAXIWAY,
PHASE 2

IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
Contract No: MB036

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: 11/17/23
PROJECT NO: 23A0068D
CAD FILE: C-302.XS.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/1/2023

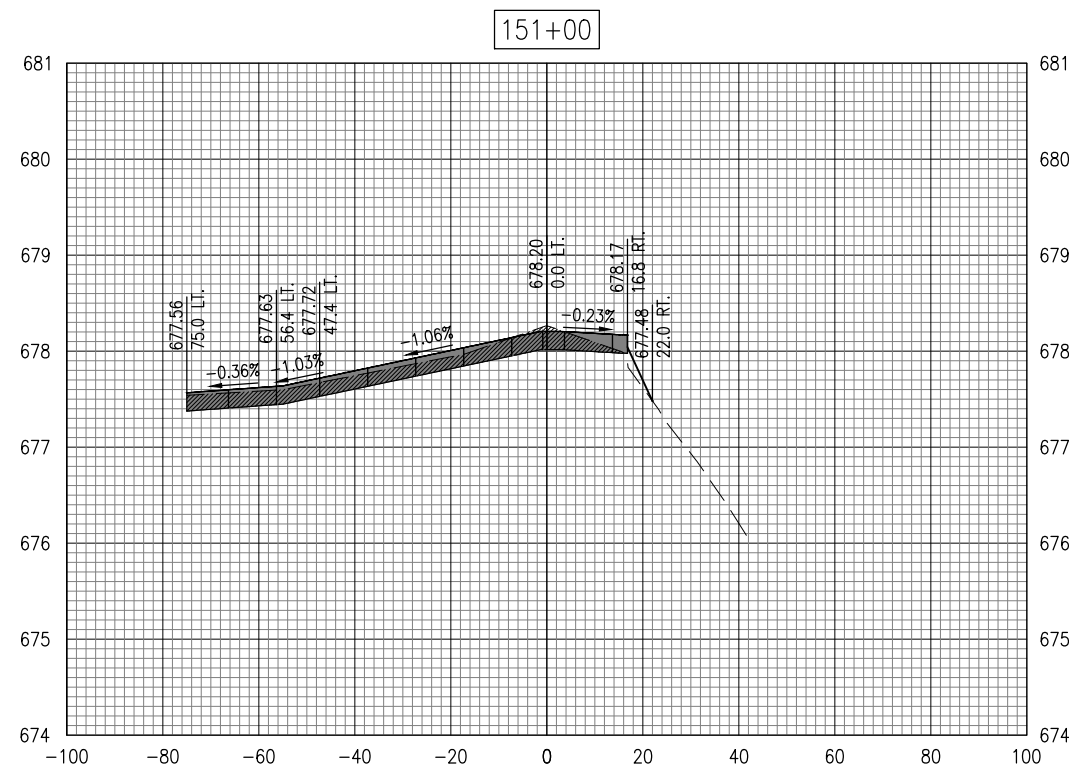
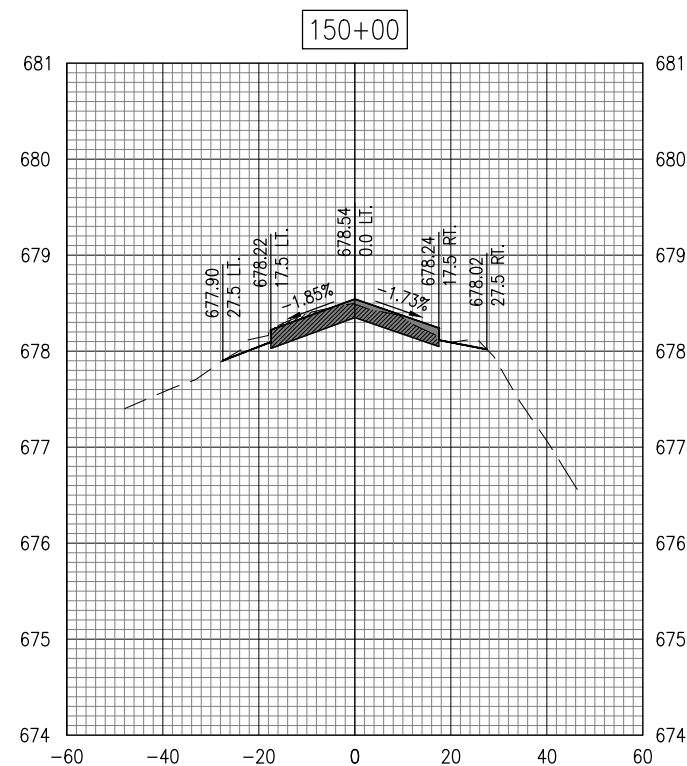
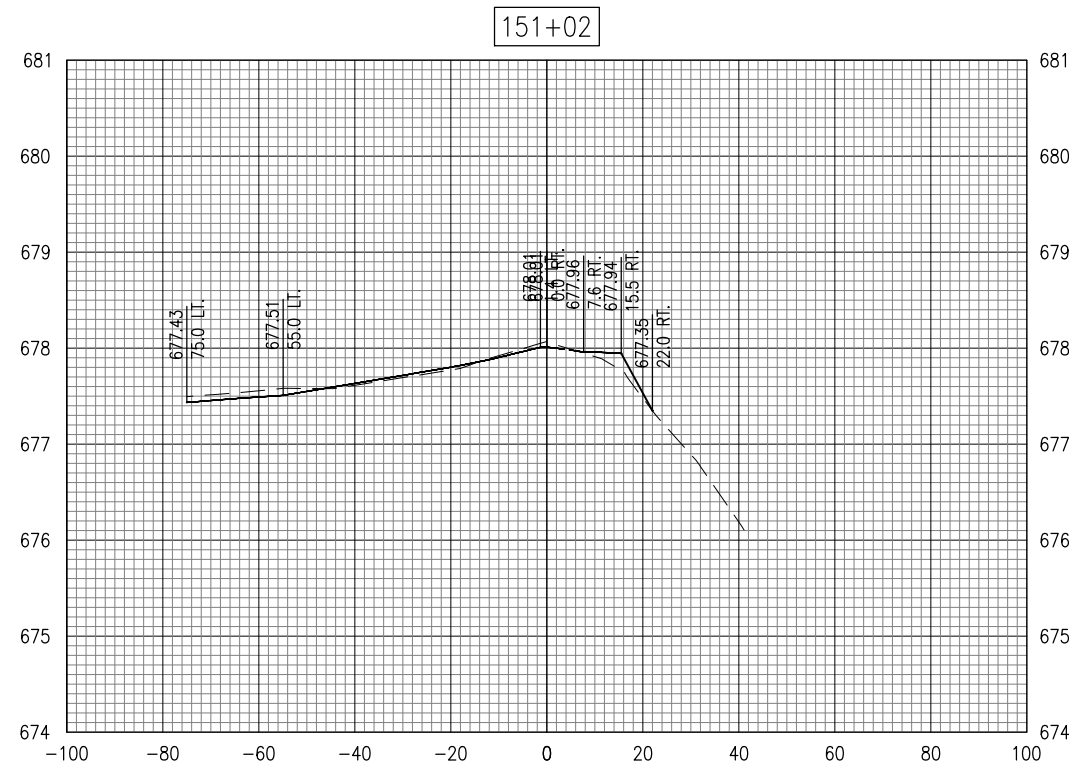
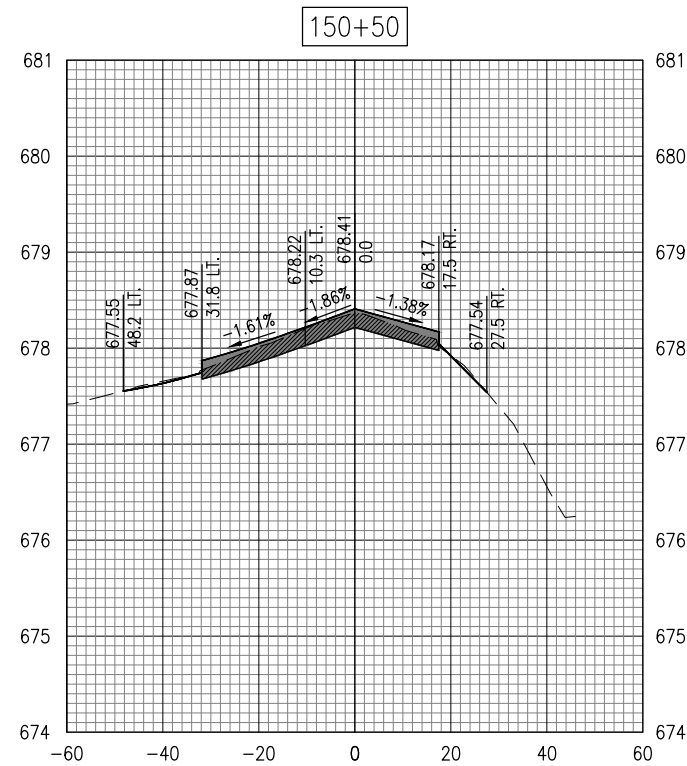
SHEET TITLE

TWY A (EAST)
CROSS-SECTIONS -
147+00 - 149+50



MACOMB MUNICIPAL AIRPORT
16190 East 1300th Street
Macomb, Illinois 61455
Telephone: 309.833.3324
Fax: 309.836.7721

EXISTING	PROPOSED	LEGEND
---	---	SURFACE
	█	BIT. SURF. CSE.-METHOD I, SUPERPAVE
	▨	BIT. PAVEMENT MILLING (VARIABLE)



REHABILITATE
PARALLEL TAXIWAY,
PHASE 2

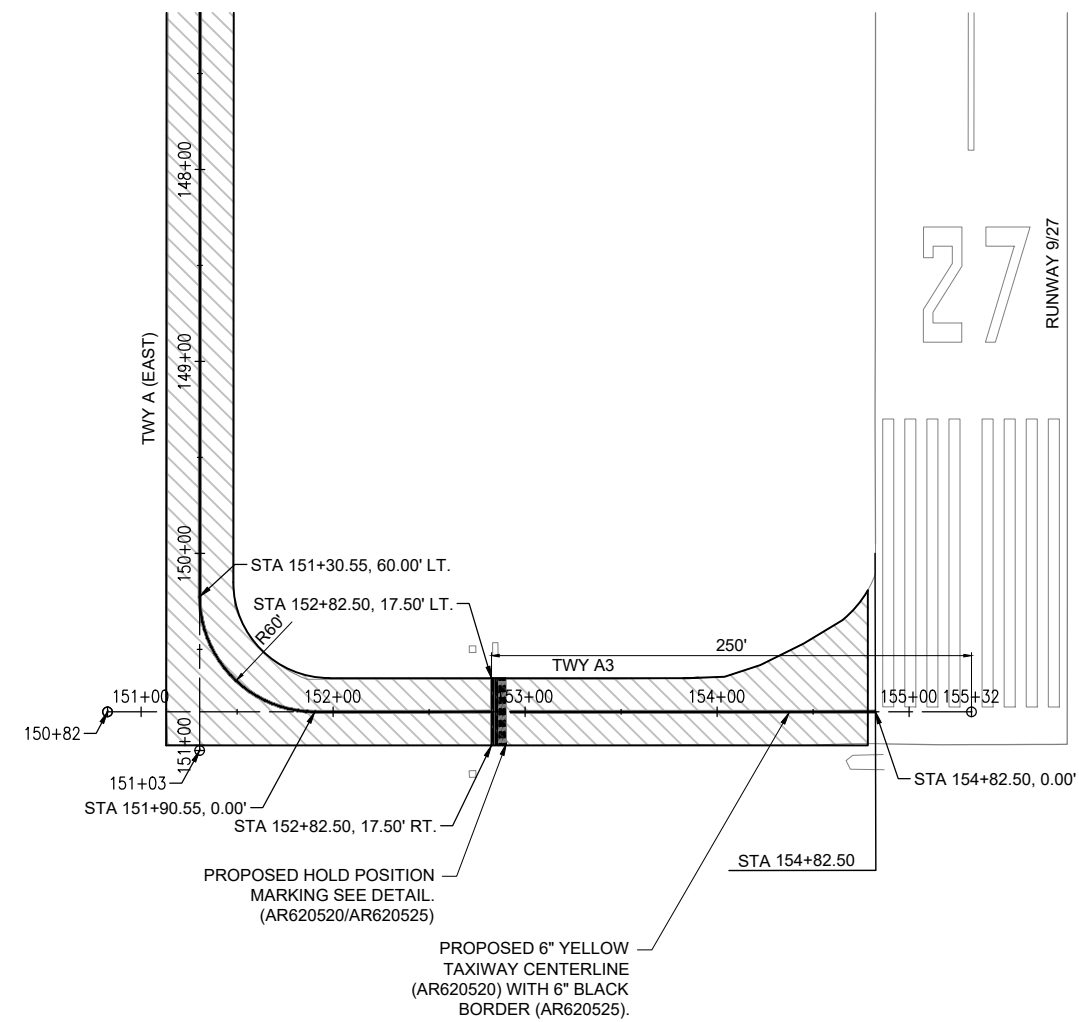
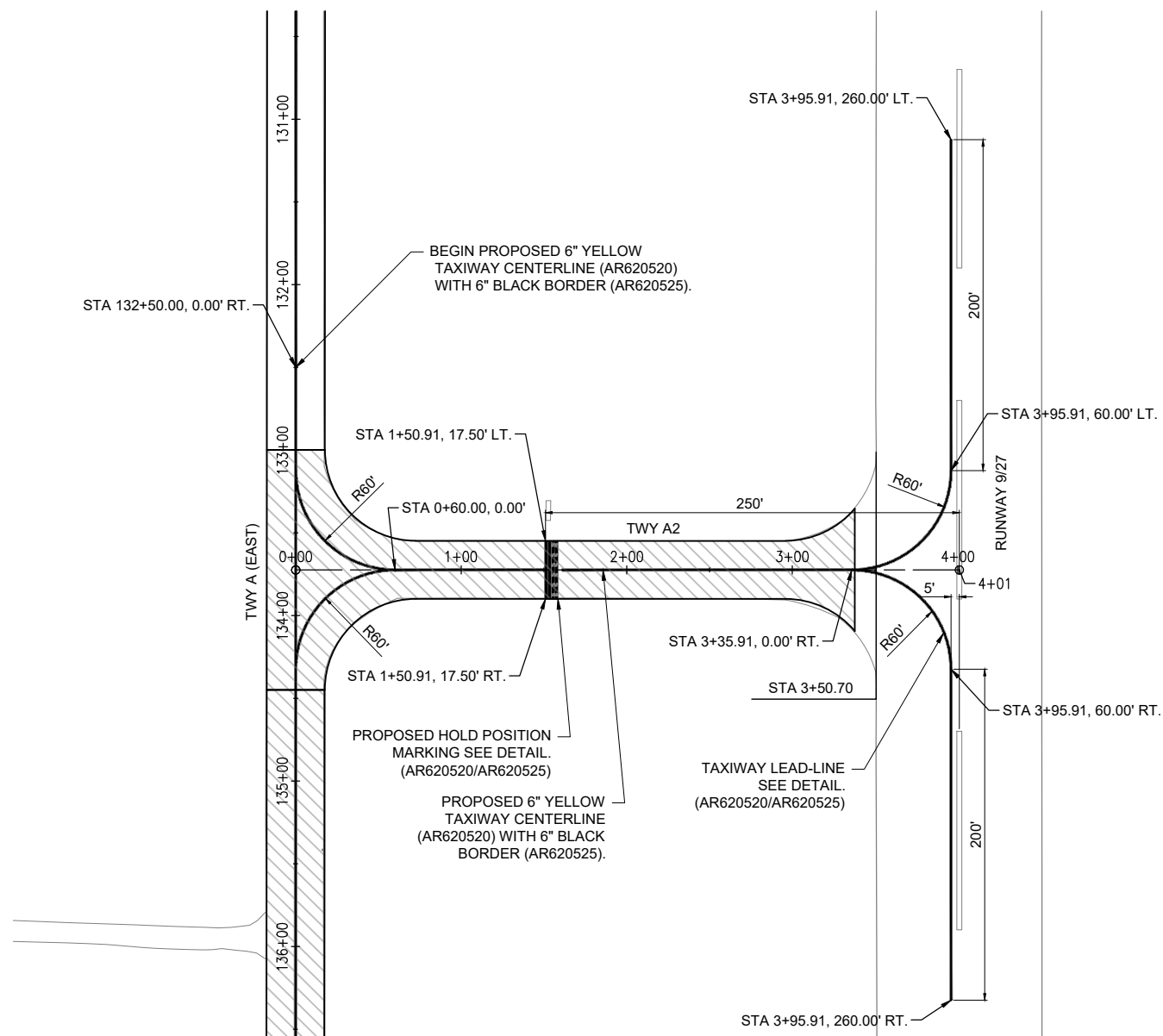
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SBGP No: 3-17-SBGP-197
Contract No: MB036

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: 11/17/23
PROJECT NO: 23A0068D
CAD FILE: C-302-XS.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/1/2023

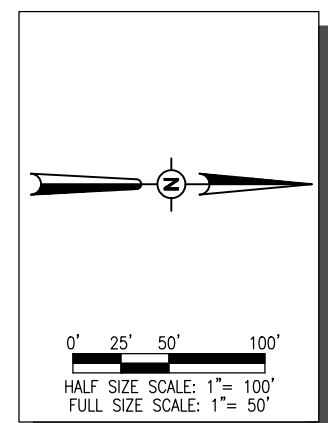
SHEET TITLE

TWY A (EAST)
CROSS-SECTIONS -
150+00 - 151+02



- WATERBORNE PAVEMENT MARKING NOTES**
1. A 30-DAY WAITING PERIOD IS REQUIRED BETWEEN THE PLACEMENT OF BITUMINOUS SURFACE COURSE AND THE FINAL APPLICATION OF WATERBORNE PAINT. AFTER THE PLACEMENT OF SURFACE COURSE AND PRIOR TO THE 30-DAY CURE PERIOD AN INITIAL COAT OF MARKINGS SHALL BE PLACED AT 50% OF THE NORMAL APPLICATION RATE. BLACK MARKINGS SHALL NOT BE PLACED DURING THE INITIAL COAT. THE REMAINDER OF THE MARKINGS, INCLUDING THE BLACK BORDERS, SHALL BE PLACED AFTER THE 30-DAY CURE PERIOD HAS ELAPSED.
 2. ON EXISTING RUNWAY GROOVED SURFACE THE SECOND APPLICATION MUST BE APPLIED IN THE OPPOSITE DIRECTION FROM THE FIRST APPLICATION.
 3. WATERBORNE BLACK PAINT SHALL BE USED TO OUTLINE A MINIMUM 6-INCH BORDER AROUND ALL MARKINGS AND WILL BE APPLIED IN ONE APPLICATION.
 4. GLASS BEADS SHALL BE APPLIED ON THE SECOND COAT OF MARKING. GLASS BEADS SHALL NOT BE APPLIED TO BLACK PAINT.
 5. CUT-OFF SHEETS WILL BE REQUIRED TO ENSURE STRAIGHT EDGES.
 6. THE CONTRACTOR WILL BE RESPONSIBLE FOR RE-MARKING ANY MARKINGS DAMAGED BY CONSTRUCTION ACTIVITIES THAT ARE OUTSIDE OF THE PROPOSED WORK LIMITS.

MARKING SCHEDULE			
AR620520 - PAVEMENT MARKING - WATERBORNE (YELLOW)			
DESCRIPTION	UNIT AREA (S.F.)	NO. REQUIRED	TOTAL AREA (S.F.)
6" TAXIWAY CENTERLINES - TWY A (EAST), TWY A2, TWY A3	1596	1	1596
HOLDING POSITION - TWY A2, & TWY A3	105	2	210
AR620525 PAVEMENT MARKING - BLACK BORDER			
DESCRIPTION	UNIT AREA (S.F.)	NO. REQUIRED	TOTAL AREA (S.F.)
TAXIWAY CENTERLINES	3192	1	3192
HOLDING POSITION - TWY A2, & TWY A3	176	2	352



REHABILITATE PARALLEL TAXIWAY, PHASE 2

IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
Contract No: MB036

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: 11/17/23
PROJECT NO: 23A0068D
CAD FILE: C-103-MRK.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/1/2023

SHEET TITLE

PROPOSED MARKING PLAN - TWY A2 & A3



REHABILITATE
PARALLEL TAXIWAY,
PHASE 2

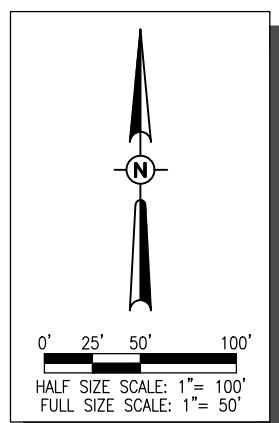
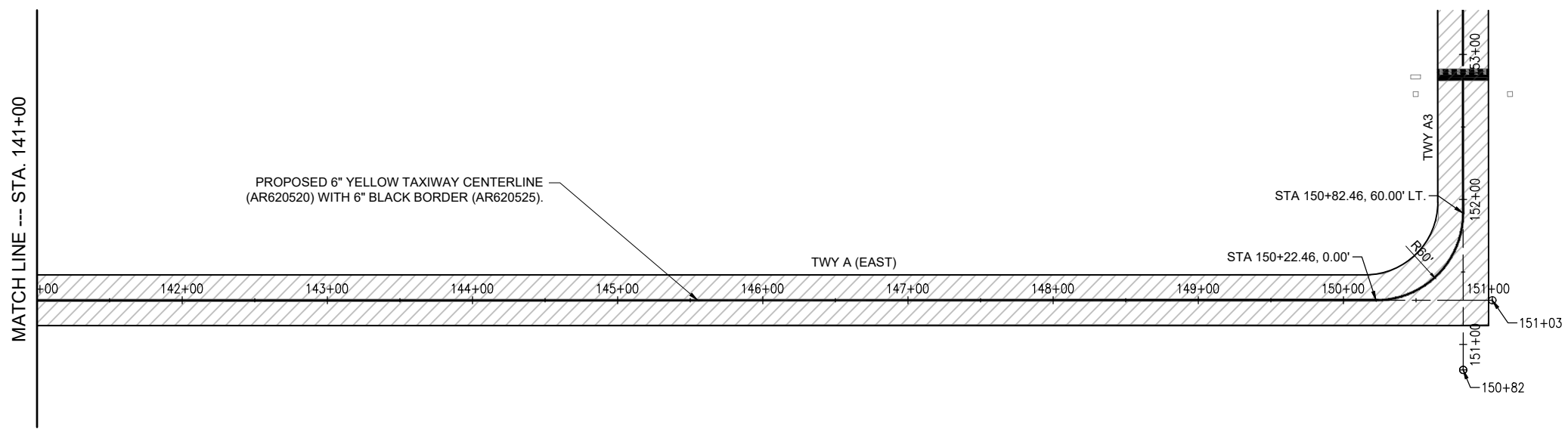
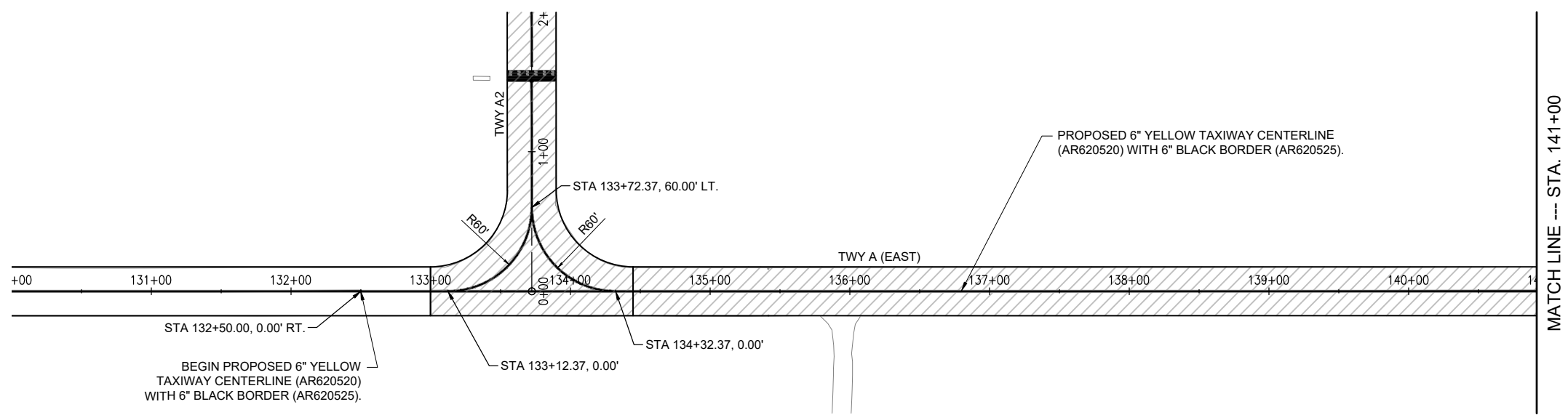
IDA No: MQB-5070
SBGP No: 3-17-SBGP-197
Contract No: MB036

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

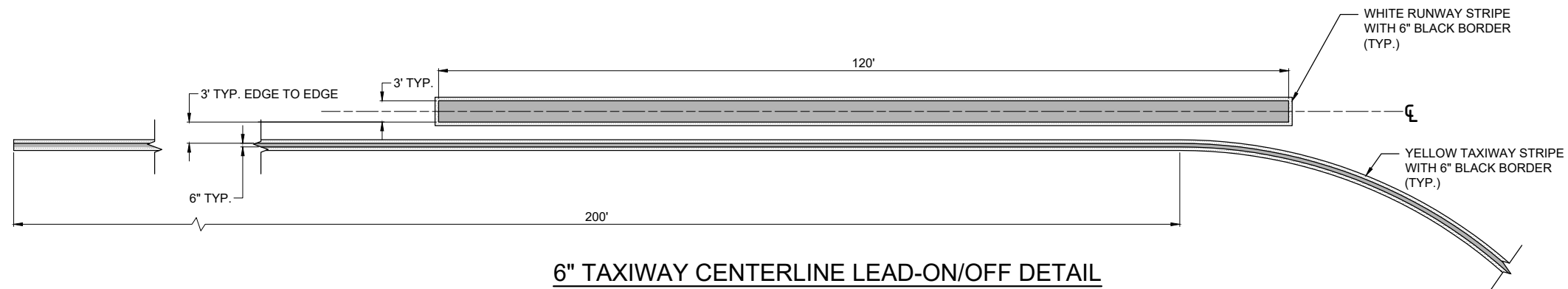
ISSUE: 11/17/23
PROJECT NO: 23A0068D
CAD FILE: C-103-MRK.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/1/2023

SHEET TITLE

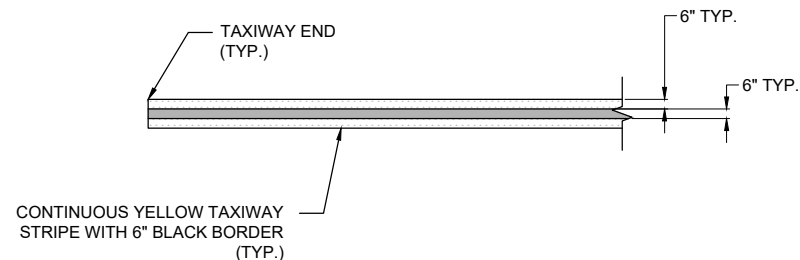
PROPOSED MARKING
PLAN - TWY A (EAST)



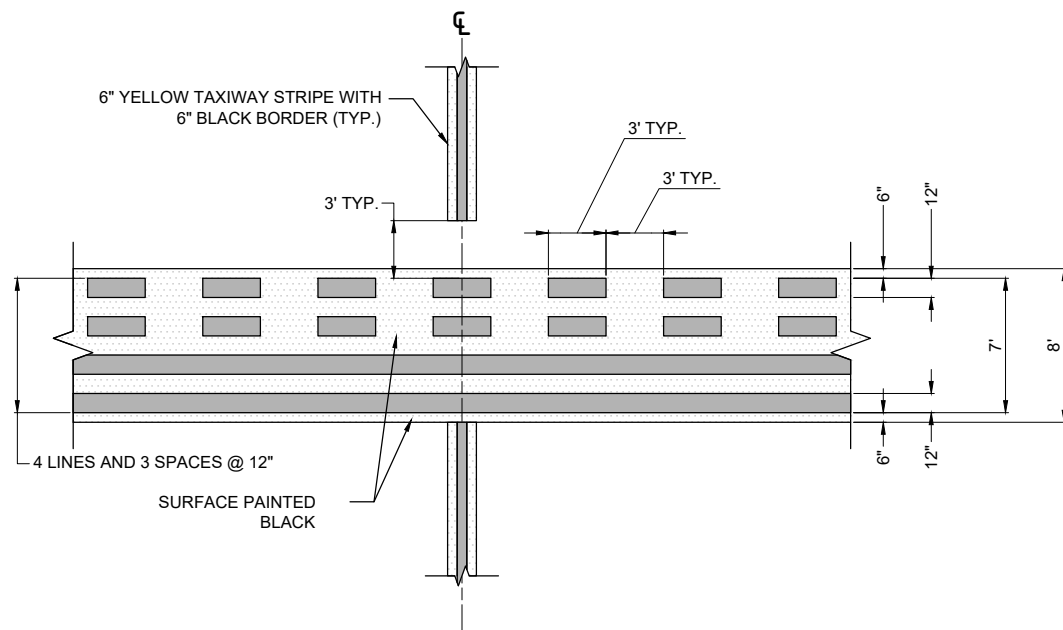
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6" TAXIWAY CENTERLINE LEAD-ON/OFF DETAIL
NOT TO SCALE



6" TAXIWAY CENTERLINE DETAIL
NOT TO SCALE



HOLDING POSITION DETAIL
NOT TO SCALE

REHABILITATE
PARALLEL TAXIWAY TO
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: 11/13/2020
PROJECT NO: 20A0004
CAD FILE: C-501-MRK.DWG
DESIGN BY: MJD 6/02/2023
DRAWN BY: JAP 6/06/2023
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

MARKING DETAILS