

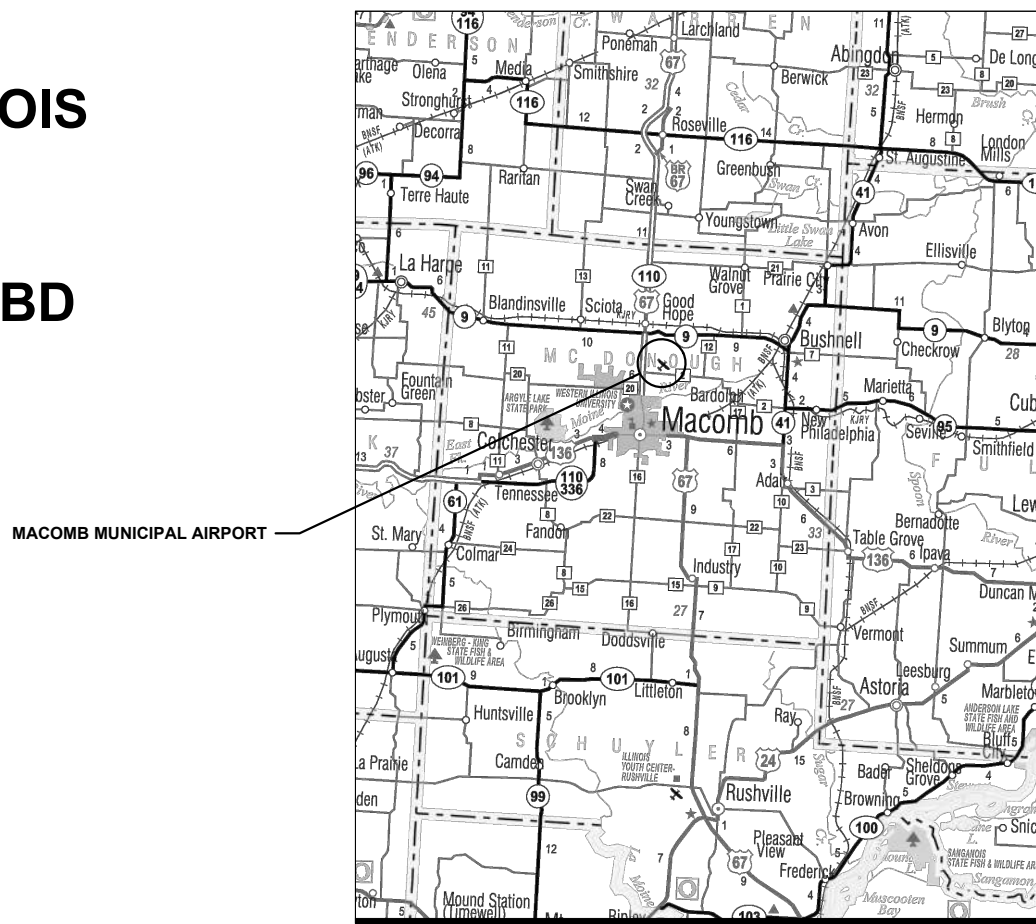
**CONSTRUCTION PLANS**

**REHABILITATE PARALLEL TAXIWAY TO RUNWAY 9-27**

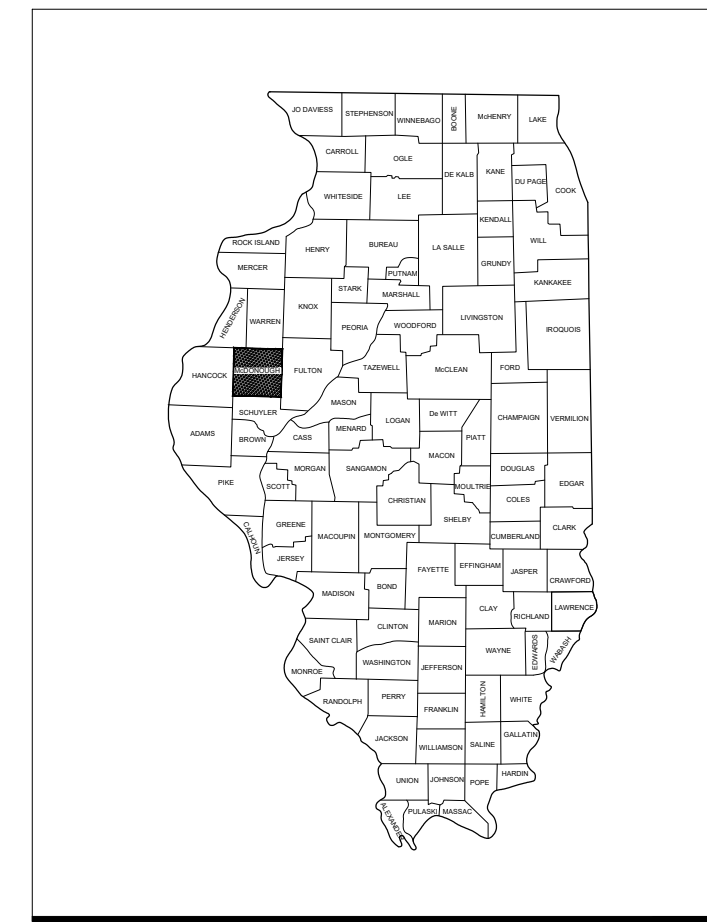
**MACOMB AIRPORT AUTHORITY  
MACOMB MUNICIPAL AIRPORT (MQB)  
MACOMB, MCDONOUGH COUNTY, ILLINOIS**

**ILLINOIS PROJECT NO. MQB-4569  
SBG PROJECT NO. 3-17-SBGP-144/156/TBD**

**MARCH 5, 2021  
(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**  
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. 11/30/2021  
Project Manager

**Licensed Professional Engineer**  
LINDSAY DENET HAUSMAN  
062-059464  
STATE OF ILLINOIS

March 5, 2021  
Date

**Macomb Municipal Airport**

MACOMB MUNICIPAL AIRPORT  
MACOMB AIRPORT AUTHORITY  
16190 East 1300th Street  
Macomb, Illinois 61455  
Telephone: 309.833.3824  
Fax: 309.836.7721

*Lee Cobb*  
Lee Cobb  
Airport Manager

16-16-20  
Date



**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	BEGIN	102+50.59	2160063.22	1403563.25
	END	109+50.59	2160058.30	1402863.27
TAXIWAY A (WEST)	BEGIN	109+23.09	2160058.50	1402890.77
	END	119+70.00	2161105.38	1402883.41
TAXIWAY A (EAST)	BEGIN	119+40.89	2161078.19	1403156.11
	END	151+02.62	2164239.83	1403131.90
TAXIWAY A1	BEGIN	0+00.00	2161075.92	1402833.62
	END	7+22.50	2161081.00	1403556.10
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



Engineering | Architecture | Planning | Allied Services

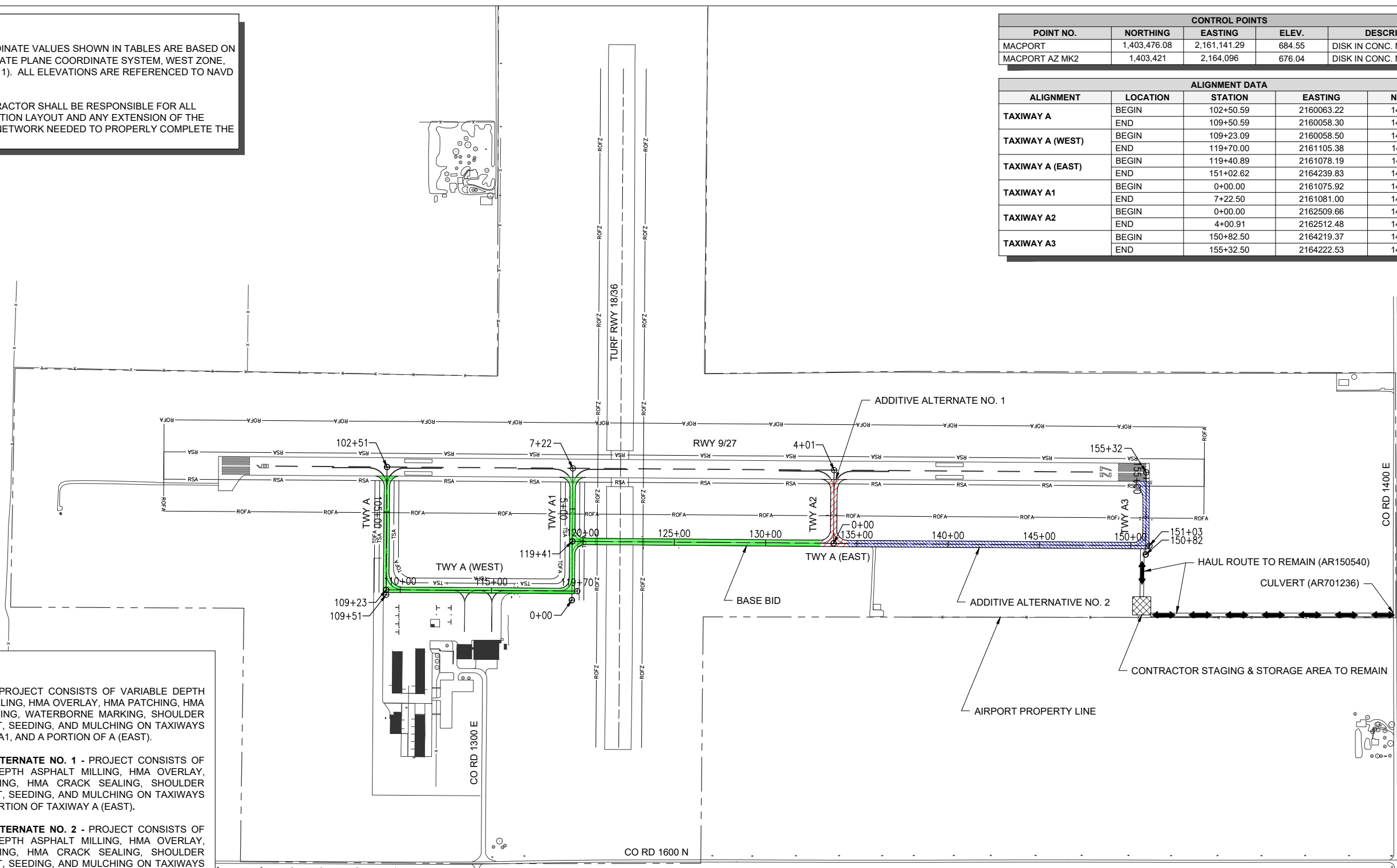
Offices Nationwide  
www.hanson-inc.com

Hanson Professional Services Inc.  
1525 S. 6th Street  
Springfield, IL 62568  
phone: 217-788-2450  
fax: 217-788-2503

Illinois Licensed  
Professional Service Corporation  
#184-001084



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



**SCOPE OF WORK**

- BASE BID** - PROJECT CONSISTS OF VARIABLE DEPTH ASPHALT MILLING, HMA OVERLAY, HMA PATCHING, HMA CRACK SEALING, WATERBORNE MARKING, SHOULDER ADJUSTMENT, SEEDING, AND MULCHING ON TAXIWAYS A, A (WEST), A1, AND A PORTION OF A (EAST).
- ADDITIVE ALTERNATE NO. 1** - PROJECT CONSISTS OF VARIABLE DEPTH ASPHALT MILLING, HMA OVERLAY, HMA PATCHING, HMA CRACK SEALING, SHOULDER ADJUSTMENT, SEEDING, AND MULCHING ON TAXIWAYS A2 AND A PORTION OF TAXIWAY A (EAST).
- ADDITIVE ALTERNATE NO. 2** - PROJECT CONSISTS OF VARIABLE DEPTH ASPHALT MILLING, HMA OVERLAY, HMA PATCHING, HMA CRACK SEALING, SHOULDER ADJUSTMENT, SEEDING, AND MULCHING ON TAXIWAYS 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 TAXIWAY A (EAST), A2, AND A3 FOR THE DURATION OF THE PROJECT. TAXIWAYS A, A (WEST), AND A1 WILL BE CLOSED AT VARIOUS TIMES THROUGHOUT THE PROJECT. IN ADDITION PERIODIC CLOSURES OF BOTH RUNWAY 9/27 AND 18/36.
- IN ORDER TO MAINTAIN AN ACTIVE RUNWAY, FLAGGERS WITH TWO-WAY RADIO COMMUNICATION WILL BE REQUIRED DURING PHASE 1.

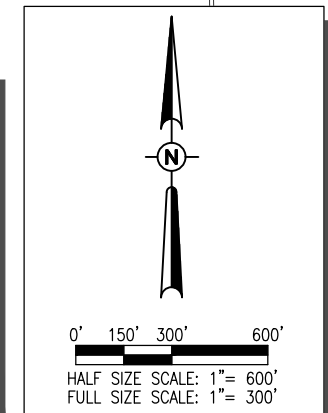
**LOCAL REQUIREMENTS**

- MCDONOUGH COUNTY AND MACOMB TOWNSHIP MUST BE CONTACTED PRIOR TO CONSTRUCTION.

**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
---	---	RUNWAY SAFETY AREA (RSA)
---	---	RUNWAY OBJECT FREE AREA (ROFA)
---	---	RUNWAY OBSTACLE FREE ZONE (ROFZ)
---	---	TAXIWAY SAFETY AREA (TSA)
---	---	TAXIWAY OBJECT FREE AREA (TOFA)
	[Green Hatched]	BASED BID WORK AREA
	[Red Hatched]	ADDITIVE ALTERNATE NO. 1 WORK AREA
	[Blue Hatched]	ADDITIVE ALTERNATE NO. 2 WORK AREA
	[Cross-hatched]	STAGING AREA
	[Double Arrow]	TEMPORARY HAUL ROUTE / ACCESS ROUTE (AR150540)



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: G-103-SOW.DWG  
DESIGN BY: MJD 08/26/2020  
DRAWN BY: MJD 08/26/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

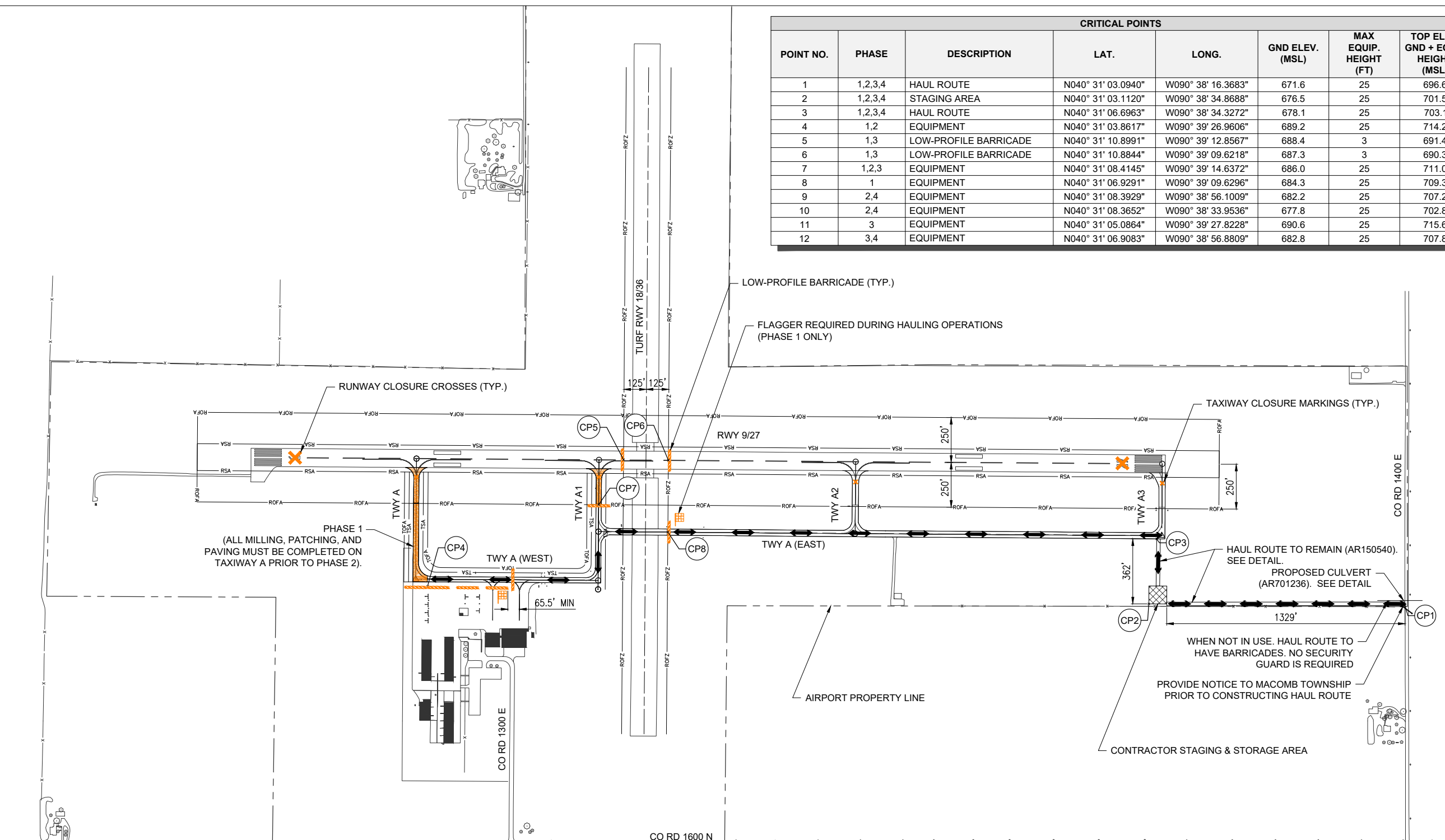
SCOPE OF WORK

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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	1,2,3,4	HAUL ROUTE	N040° 31' 03.0940"	W090° 38' 16.3683"	671.6	25	696.6
2	1,2,3,4	STAGING AREA	N040° 31' 03.1120"	W090° 38' 34.8688"	676.5	25	701.5
3	1,2,3,4	HAUL ROUTE	N040° 31' 06.6963"	W090° 38' 34.3272"	678.1	25	703.1
4	1,2	EQUIPMENT	N040° 31' 03.8617"	W090° 39' 26.9606"	689.2	25	714.2
5	1,3	LOW-PROFILE BARRICADE	N040° 31' 10.8991"	W090° 39' 12.8567"	688.4	3	691.4
6	1,3	LOW-PROFILE BARRICADE	N040° 31' 10.8844"	W090° 39' 09.6218"	687.3	3	690.3
7	1,2,3	EQUIPMENT	N040° 31' 08.4145"	W090° 39' 14.6372"	686.0	25	711.0
8	1	EQUIPMENT	N040° 31' 06.9291"	W090° 39' 09.6296"	684.3	25	709.3
9	2,4	EQUIPMENT	N040° 31' 08.3929"	W090° 38' 56.1009"	682.2	25	707.2
10	2,4	EQUIPMENT	N040° 31' 08.3652"	W090° 38' 33.9536"	677.8	25	702.8
11	3	EQUIPMENT	N040° 31' 05.0864"	W090° 39' 27.8228"	690.6	25	715.6
12	3,4	EQUIPMENT	N040° 31' 06.9083"	W090° 38' 56.8809"	682.8	25	707.8



PHASE 1  
(ALL MILLING, PATCHING, AND PAVING MUST BE COMPLETED ON TAXIWAY A PRIOR TO STARTING PHASE 2.)

LOW-PROFILE BARRICADE (TYP.)  
FLAGGER REQUIRED DURING HAULING OPERATIONS (PHASE 1 ONLY)

HAUL ROUTE TO REMAIN (AR150540).  
PROPOSED CULVERT (AR701236). SEE DETAIL.

WHEN NOT IN USE. HAUL ROUTE TO HAVE BARRICADES. NO SECURITY GUARD IS REQUIRED  
PROVIDE NOTICE TO MACOMB TOWNSHIP PRIOR TO CONSTRUCTING HAUL ROUTE

**PHASE 1**  
**ALL MILLING, PATCHING, AND PAVING MUST BE COMPLETED ON TAXIWAY A PRIOR TO STARTING PHASE 2.**

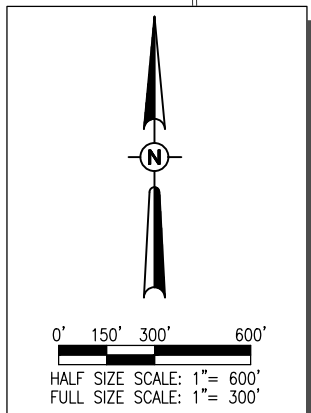
**WORK TO BE COMPLETED**

- MILLING, PATCHING, PAVING, CRACK SEALING, MARKING, SHOULDER ADJUSTMENT, SEEDING, AND MULCHING SHALL BE COMPLETED UNDER THIS PHASE WHEN WORKING WITHIN 250 FEET OF RUNWAY 9/27 AND ON TAXIWAYS A & A1.

**AIRFIELD CLOSURES AND CHANGES**

- RUNWAY 9/27 WILL BE CLOSED AND TURF RUNWAY 18/36 WILL REMAIN OPEN.
- TAXIWAYS A, A1, A2, A3, AND 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 (AR150520)
		TEMPORARY RUNWAY CLOSURE CROSS (AR150530)
		TEMPORARY TAXIWAY CLOSURE CROSS (AR150530)
		LOW PROFILE BARRICADE (AR150530)
		TEMPORARY HAUL ROUTE / ACCESS ROUTE (AR150540)
		ESCORT/FLAGMAN LOCATION
		SAFETY CRITICAL POINT



REHABILITATE PARALLEL TAXIWAY TO RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

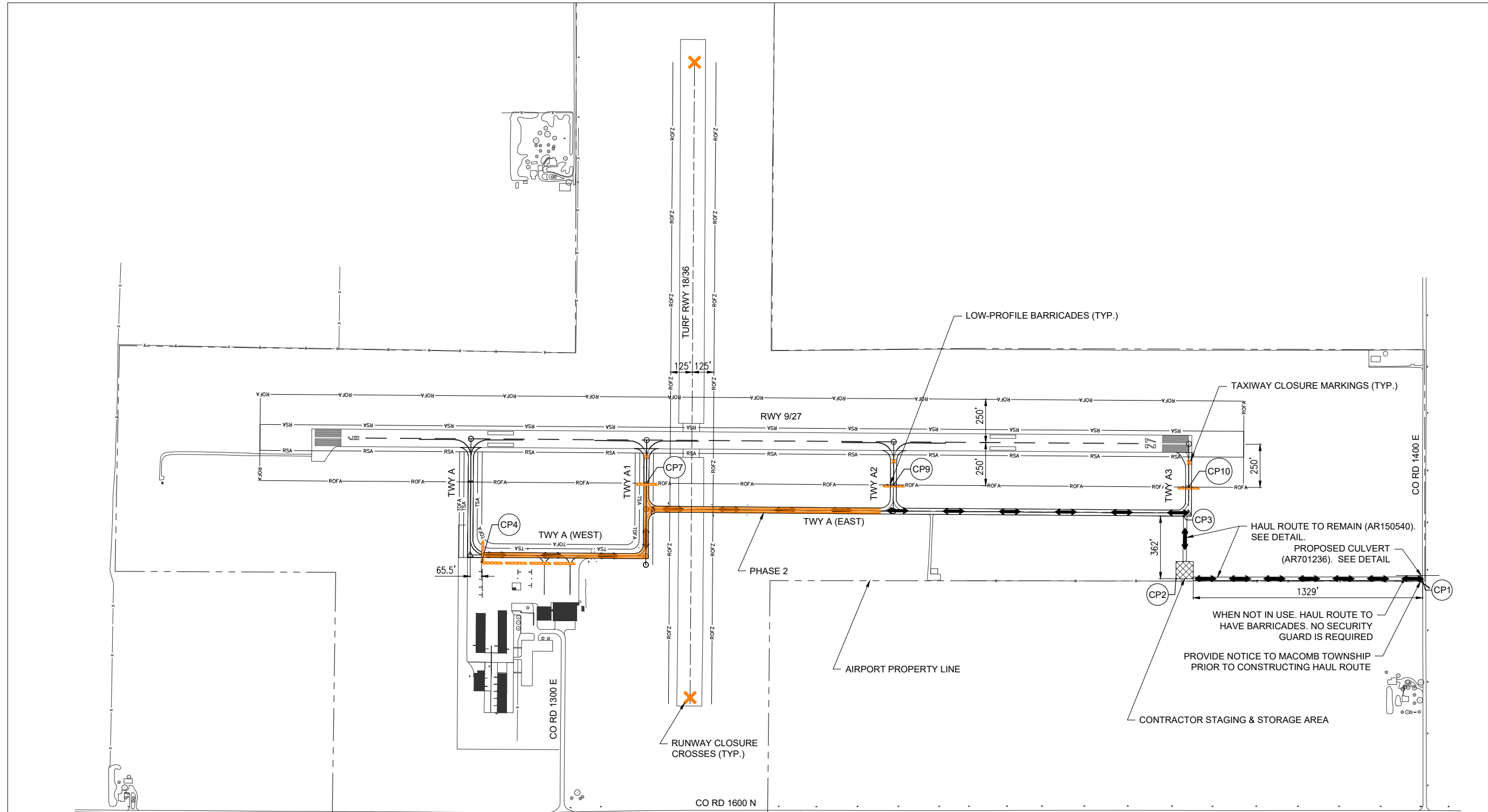
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		DES	DWN	REV

ISSUE: 11/13/2020  
PROJECT NO: 20A0004  
CAD FILE: G-104-CSPP.DWG  
DESIGN BY: MJD 11/12/2020  
DRAWN BY: MJD 11/12/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

SAFETY PLAN - PHASE 1





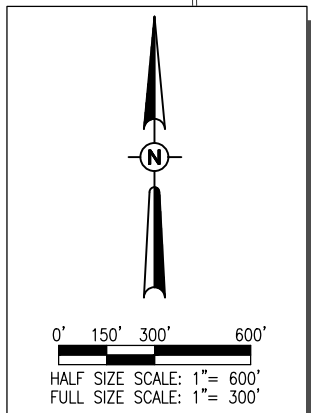
**PHASE 2**  
**WORK TO BE COMPLETED**

- MILLING, PATCHING, PAVING, CRACK SEALING, MARKING, SHOULDER ADJUSTMENT, SEEDING, AND MULCHING SHALL BE COMPLETED UNDER THIS PHASE WHEN WORKING ON TAXIWAY A (WEST), TAXIWAY A1, AND TAXIWAY A (EAST) AS SHOWN.

**AIRFIELD CLOSURES AND CHANGES**

- RUNWAY 9/27 AND TAXIWAY A WILL REMAIN OPEN.
- RUNWAY 18/36, TAXIWAY A (WEST), TAXIWAY A1, TAXIWAY A (EAST), TAXIWAY A2, AND TAXIWAY A3 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 (AR150520)
		TEMPORARY RUNWAY CLOSURE CROSS (AR150530)
		TEMPORARY TAXIWAY CLOSURE CROSS (AR150530)
		LOW PROFILE BARRICADE (AR150530)
		TEMPORARY HAUL ROUTE / ACCESS ROUTE (AR150540)
		ESCORT/FLAGMAN LOCATION
		SAFETY CRITICAL POINT



REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569  
Contract No.: MB033

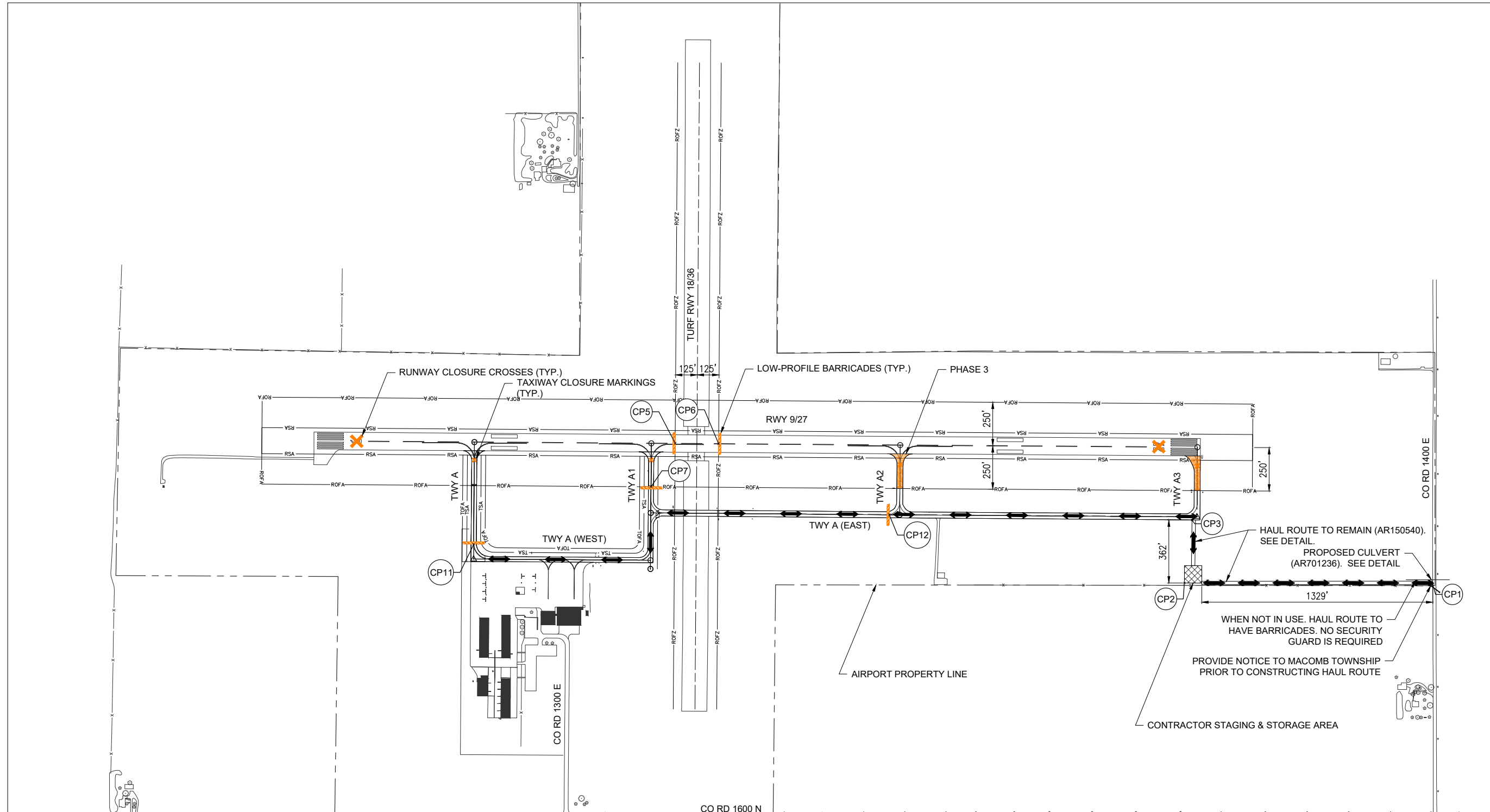
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		DES	DWN	REV

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PROJECT NO: 20A0004  
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DESIGN BY: MJD 11/12/2020  
DRAWN BY: MJD 11/12/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

SAFETY PLAN -  
PHASE 2

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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: G-104-CSPP.DWG  
DESIGN BY: MJD 11/12/2020  
DRAWN BY: MJD 11/12/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE  
**SAFETY PLAN - PHASE 3**

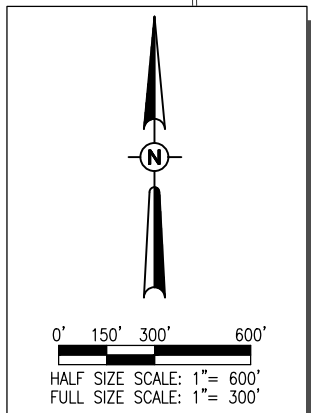
**PHASE 3**  
**WORK TO BE COMPLETED**

- MILLING, PATCHING, PAVING, CRACK SEALING, MARKING, SHOULDER ADJUSTMENT, SEEDING, AND MULCHING SHALL BE COMPLETED UNDER THIS PHASE WHEN WORKING WITHIN 250 FEET OF RUNWAY 9/27 AND ON TAXIWAY A2 AND TAXIWAY A3.

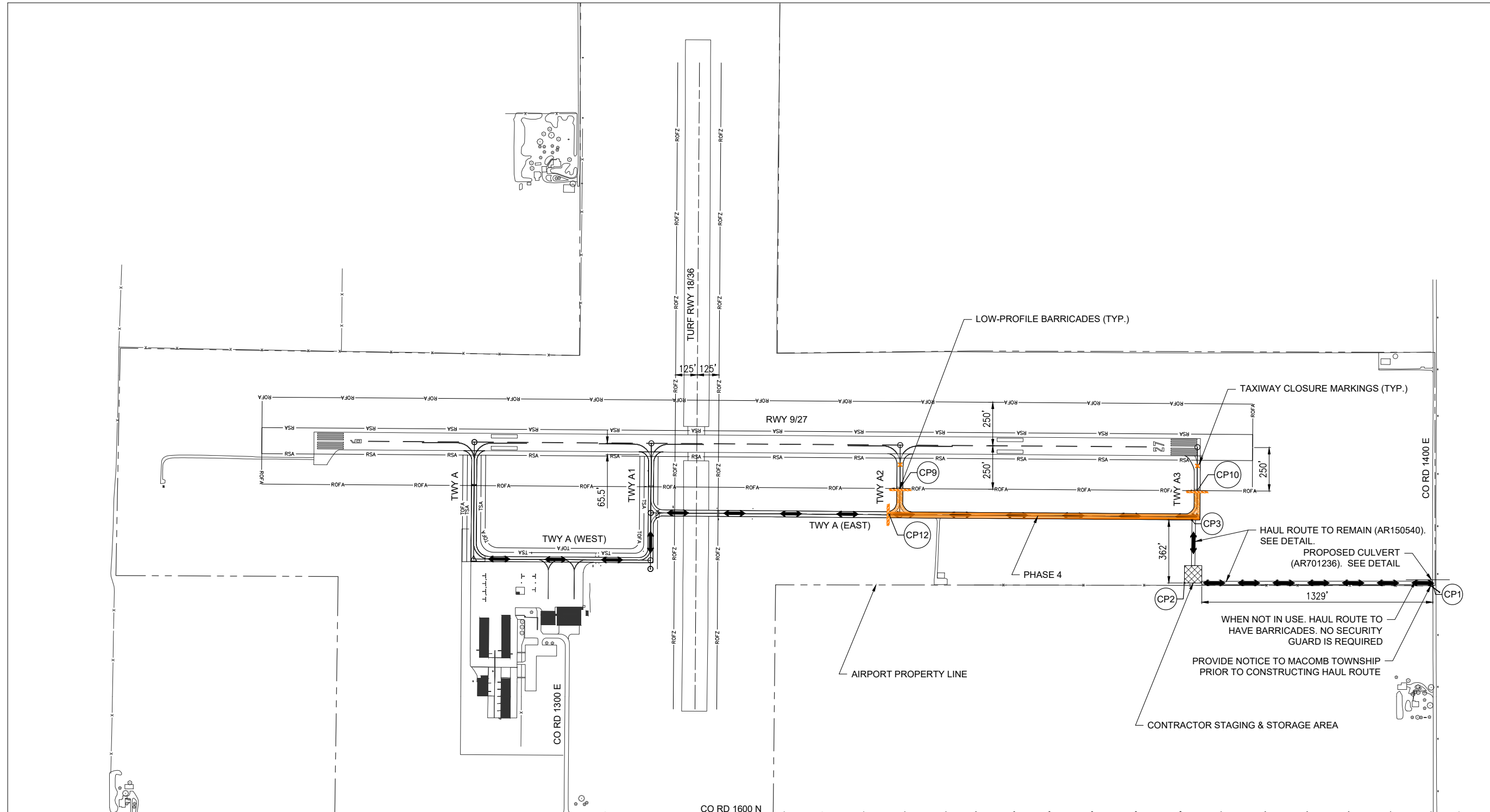
**AIRFIELD CLOSURES AND CHANGES**

- 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 (WEST) AND A (EAST) WILL BE CLOSED AS DEPICTED.

EXISTING	PROPOSED	LEGEND
---	---	RUNWAY SAFETY AREA (RSA)
---	---	RUNWAY OBJECT FREE AREA (ROFA)
---	---	RUNWAY OBSTACLE FREE ZONE (ROFZ)
---	---	TAXIWAY SAFETY AREA (TSA)
---	---	TAXIWAY OBJECT FREE AREA (TOFA)
	█	PROPOSED AIRFIELD WORK AREA
	▨	STAGING AREA (AR150520)
	✕	TEMPORARY RUNWAY CLOSURE CROSS (AR150530)
	✕	TEMPORARY TAXIWAY CLOSURE CROSS (AR150530)
	▨	LOW PROFILE BARRICADE (AR150530)
	↔	TEMPORARY HAUL ROUTE / ACCESS ROUTE (AR150540)
	■	ESCORT/FLAGMAN LOCATION
	①	SAFETY CRITICAL POINT



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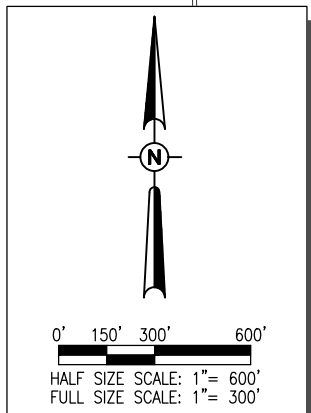
**PHASE 4**  
**WORK TO BE COMPLETED**

- MILLING, PATCHING, PAVING, CRACK SEALING, MARKING, SHOULDER ADJUSTMENT, SEEDING, AND MULCHING SHALL BE COMPLETED UNDER THIS PHASE WHEN WORKING WITHIN ON TAXIWAY A2, TAXIWAY A3, AND TAXIWAY A (EAST) AS SHOWN.

**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 (AR150520)
		TEMPORARY RUNWAY CLOSURE CROSS (AR150530)
		TEMPORARY TAXIWAY CLOSURE CROSS (AR150530)
		LOW PROFILE BARRICADE (AR150530)
		TEMPORARY HAUL ROUTE / ACCESS ROUTE (AR150540)
		ESCORT/FLAGMAN LOCATION
		SAFETY CRITICAL POINT



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: G-104-CSPP.DWG  
DESIGN BY: MJD 11/12/2020  
DRAWN BY: MJD 11/12/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

SAFETY PLAN -  
PHASE 4

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**SAFETY NOTES**

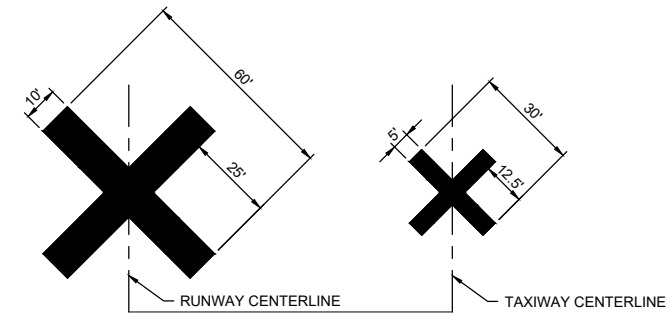
- ALL PROVISIONS OF THE LATEST EDITION OF FAA ADVISORY CIRCULAR AC 150/5370-2 (CURRENT EDITION), "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION", APPLY TO THIS CONTRACT, EXCEPT AS MODIFIED BY THIS SAFETY PLAN, OR AS MODIFIED BY THE OWNER THROUGH THE RESIDENT ENGINEER/TECHNICIAN AT THE PRECONSTRUCTION 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.
- PRIOR TO ACCESSING THE AIRFIELD, ANY DESIGNATED CONTRACTOR OR SUBCONTRACTOR EMPLOYEES WHO WILL BE OPERATING OR ESCORTING A VEHICLE ON AN ACTIVE AREA OF THE AIRFIELD MUST ATTEND A 1 HOUR AIRFIELD SAFETY TRAINING AND ORIENTATION PROVIDED BY THE AIRPORT. PRIOR TO THE TRAINING, THE EMPLOYEES MUST BE FAMILIAR WITH THE "FAA GUIDE TO GROUND VEHICLE OPERATIONS", AND KEEP A HARD COPY IN THE VEHICLE FOR REFERENCE. THE GUIDE CAN BE FOUND AT:  
https://www.faa.gov/airports/runway\_safety/media/Ground\_Vehicle\_Guide\_Proof\_Final.pdf
- 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 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 SWEEP, 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.

- 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.

**BARRICADE NOTES**

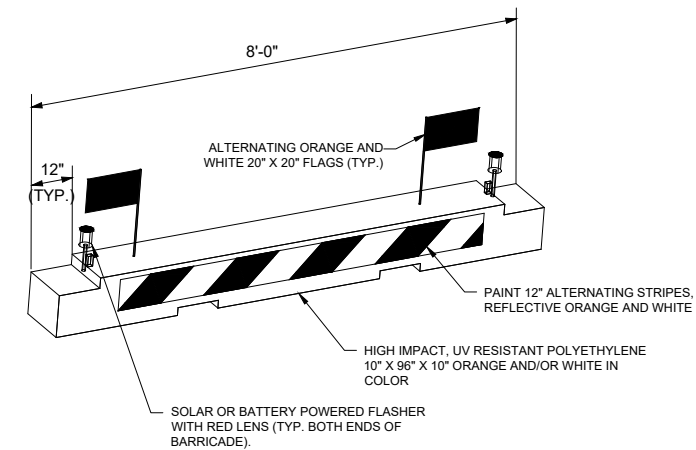
- ALL CONSTRUCTION SIGNS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES INCLUDING THE ILLINOIS SUPPLEMENT (LATEST EDITION) AND THE FAA ADVISORY CIRCULARS (LATEST EDITION) UNLESS NOTED OTHERWISE. THE FAA OR MORE STRINGENT SPECIFICATIONS SHALL GOVERN.
- BARRICADES 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 AS AN INCIDENTAL COST TO THE CONTRACT, UNLESS OTHERWISE NOTED.



**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 AS AN INCIDENTAL COST TO THE CONTRACT, UNLESS OTHERWISE NOTED.



**LOW PROFILE AIRCRAFT BARRICADE DETAIL**



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**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: G-104-CSPP.DWG  
DESIGN BY: MJD 11/1/2020  
DRAWN BY: MJD 11/12/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

**SAFETY PLAN NOTES & DETAILS**



**SITE DETAILS**

AREA OF CONSTRUCTION SITE - BASE BID: 5.18 ACRES  
AREA OF CONSTRUCTION SITE - ADDITIVE ALTERNATE 1: 0.64 ACRES  
AREA OF CONSTRUCTION SITE - ADDITIVE ALTERNATE 2: 2.55 ACRES

AREA OF SOIL DISTURBANCE - BASE BID: 2.42 ACRES  
AREA OF SOIL DISTURBANCE - ADDITIVE ALTERNATE 1: 0.20 ACRES  
AREA OF SOIL DISTURBANCE - ADDITIVE ALTERNATE 2: 0.91 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)

BASE BID  
PROPOSED 10-FOOT SHOULDER ADJUSTMENT,  
SEEDING, AND HEAVY-DUTY HYDRAULIC MULCH

AIRPORT PROPERTY LINE

ADDITIVE ALTERNATE NO. 1  
PROPOSED 10-FOOT SHOULDER ADJUSTMENT,  
SEEDING, AND HEAVY-DUTY HYDRAULIC MULCH

DITCH CHECK (AR156511)  
TYP. 2 (25-FT SPACING FROM  
CULVERT END (30" RCP). SEE  
DETAIL.

TOPSOIL STOCKPILES TO BE TEMP.  
SEEDED WITHIN SEVEN DAYS OF  
DISTURBANCE AND WILL BE  
INCIDENTAL TO HAUL ROUTE  
(AR150540).

ADDITIVE ALTERNATE NO. 2  
PROPOSED 10-FOOT SHOULDER ADJUSTMENT,  
SEEDING, AND HEAVY-DUTY HYDRAULIC MULCH

DITCH CHECK (AR156511) BETWEEN NEW  
CULVERT & EXISTING CMP. TO BE REGULARLY  
MAINTAINED UNTIL PROJECT  
COMPLETION. SEE DETAIL.

CONTRACTOR STAGING & STORAGE AREA

DRAINAGE DITCHES

**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: \_\_\_\_\_

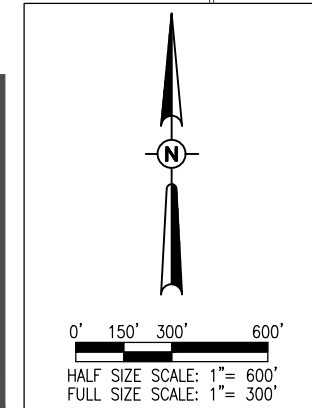
STREET ADDRESS: \_\_\_\_\_

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.

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)
		BASED BID WORK AREA
		ADDITIVE ALTERNATE NO. 1. WORK AREA
		ADDITIVE ALTERNATE NO. 2 WORK AREA
		STAGING AREA (AR150520)
		TEMPORARY HAUL ROUTE / ACCESS ROUTE (AR150540)



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-104-SWPPP.DWG  
DESIGN BY: MJD 08/26/2020  
DRAWN BY: MJD 08/26/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

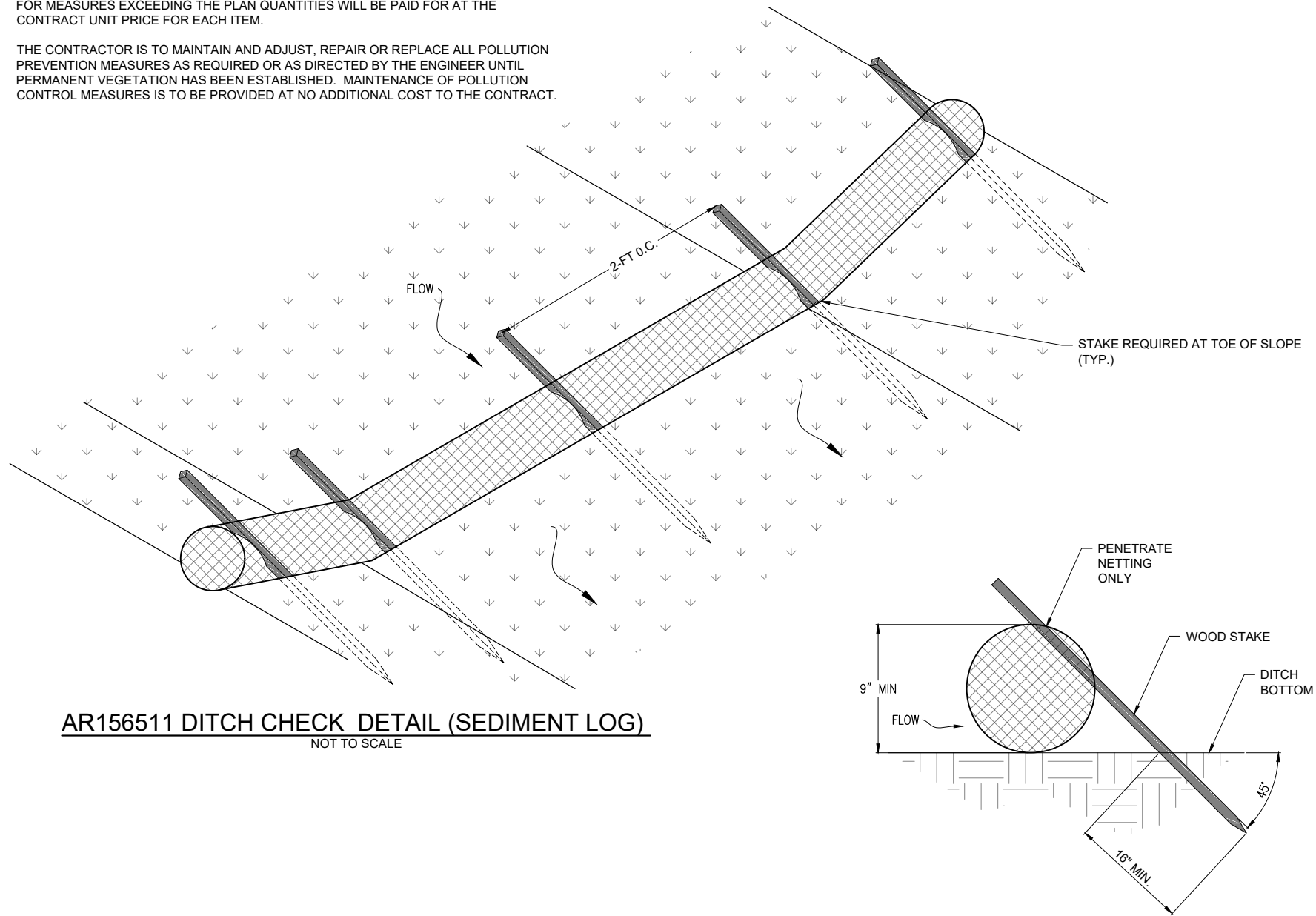
STORMWATER  
POLLUTION  
PREVENTION PLAN  
(SWPPP)

**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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REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

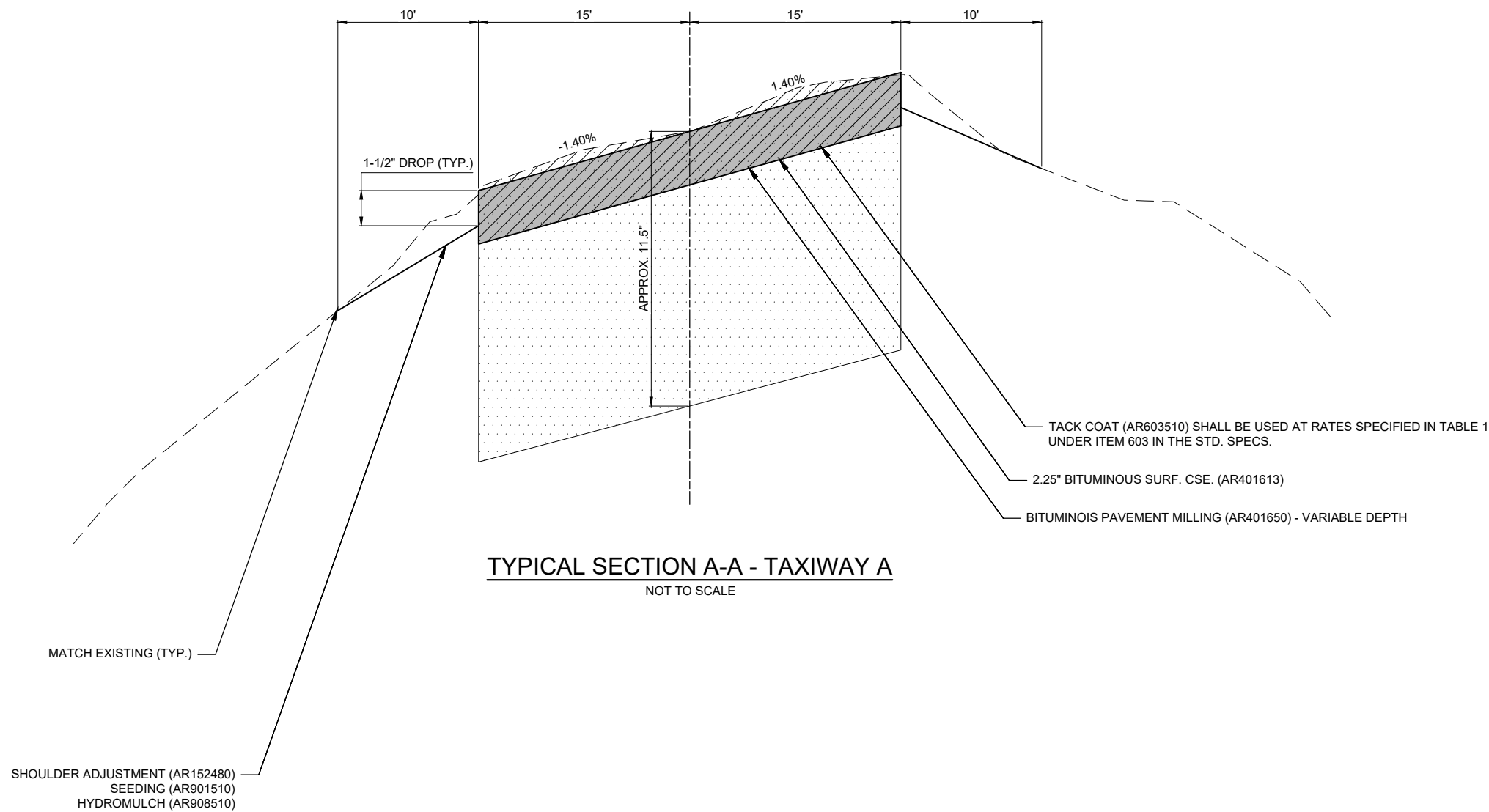
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ISSUE: 11/13/2020  
PROJECT NO: 20A0004  
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DESIGN BY: MJD 08/26/2020  
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SHEET TITLE

SWPPP NOTES &  
DETAILS





REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

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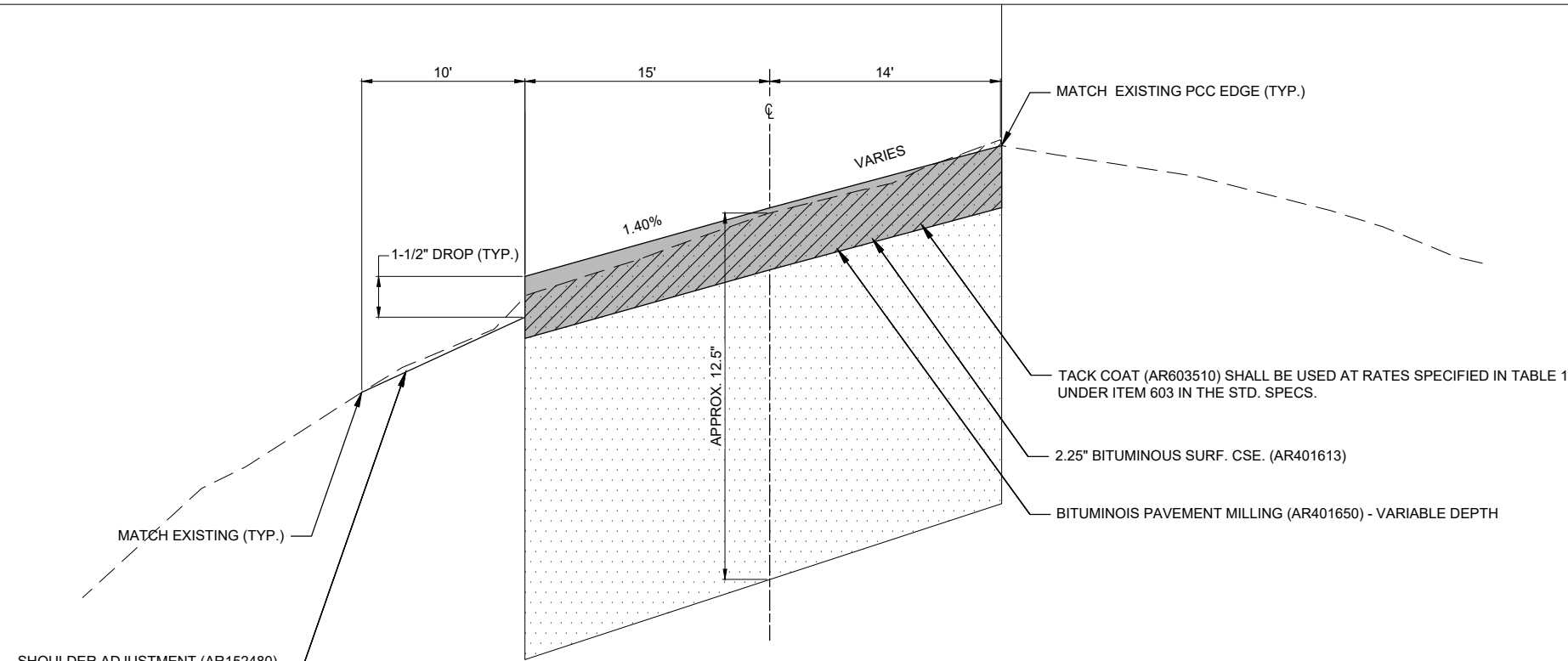
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PROJECT NO: 20A0004  
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SHEET TITLE

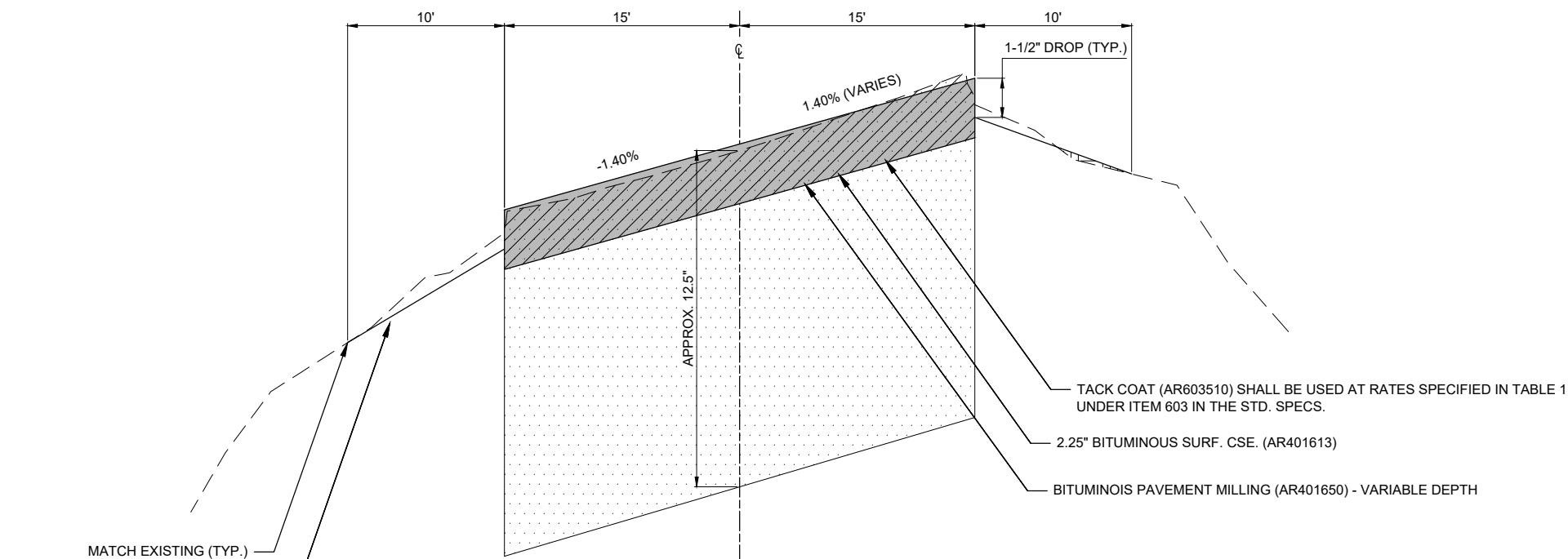
TYP. SECTION - TWY  
A

EXISTING	PROPOSED	LEGEND
		BIT. SURF. CSE.-METHOD I, SUPERPAVE
		BIT. PAVEMENT MILLING (VARIABLE)
		SHOULDER ADJUSTMENT (FILL)
		BITUMINOUS PAVEMENT



**TYPICAL SECTION B-B - TAXIWAY A (WEST)**

NOT TO SCALE



**TYPICAL SECTION C-C - TAXIWAY A1**

NOT TO SCALE

EXISTING	PROPOSED	LEGEND
		BIT. SURF. CSE.-METHOD I, SUPERPAVE
		BIT. PAVEMENT MILLING (VARIABLE)
		SHOULDER ADJUSTMENT (FILL)
		BITUMINOUS PAVEMENT

REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

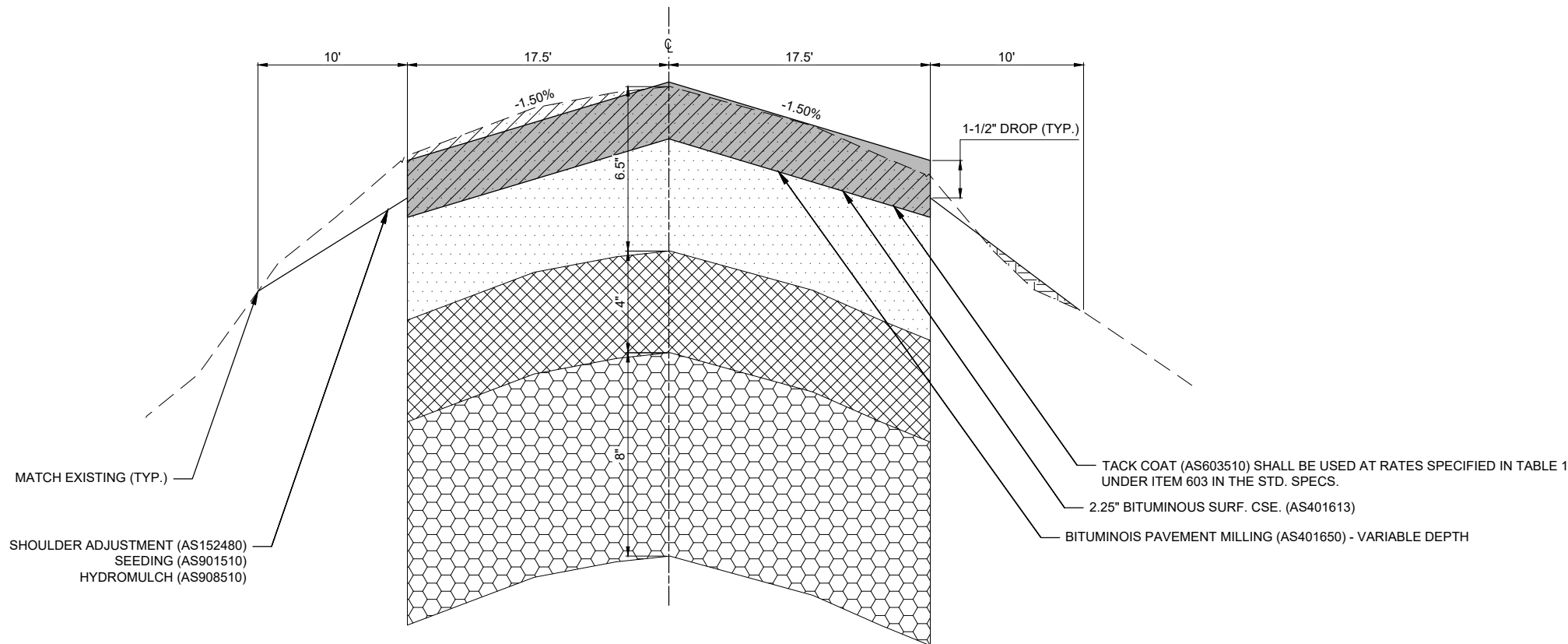
Contract No.: MB033

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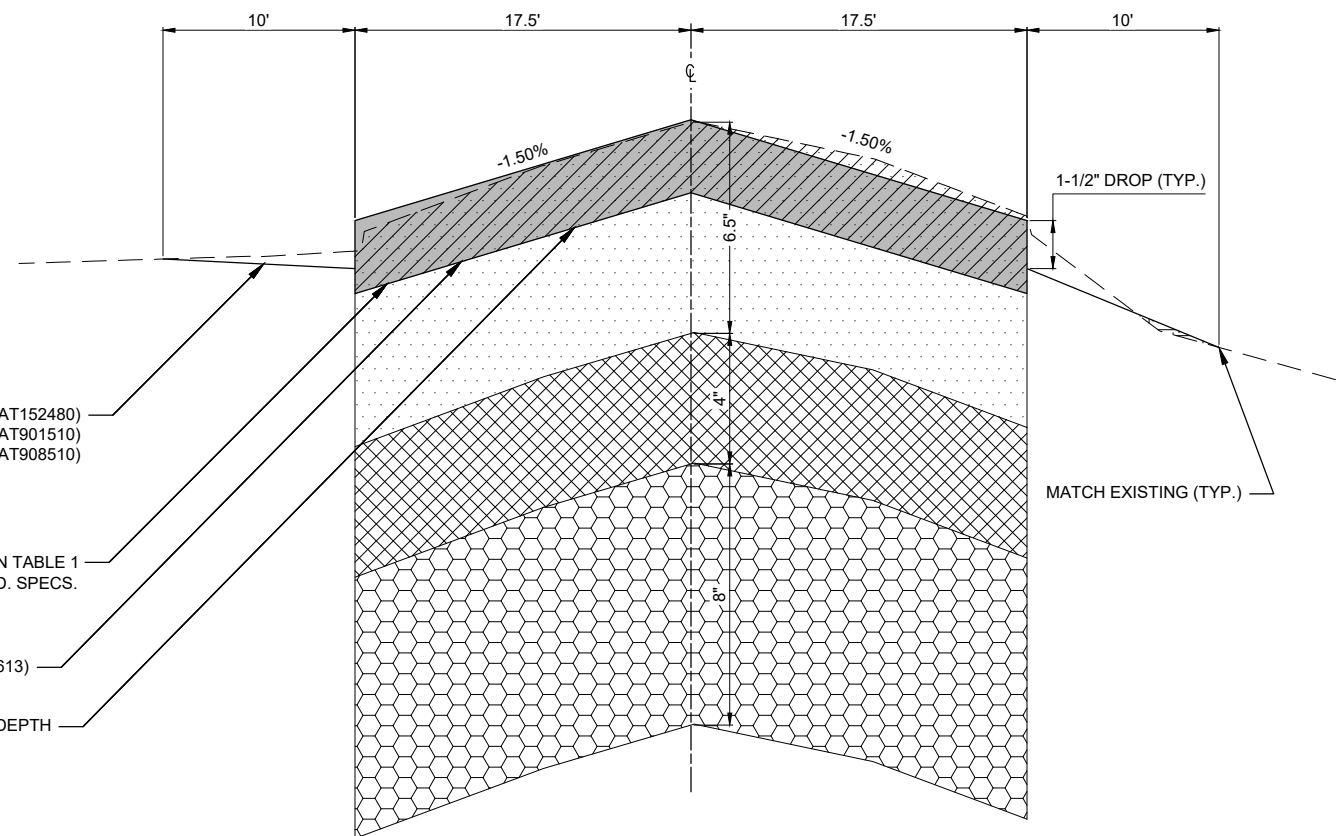
SHEET TITLE

TYP. SECTIONS -  
TWY A (WEST) & A1



**TYPICAL SECTION F-F - TAXIWAY A2**

NOT TO SCALE



**TYPICAL SECTION G-G - TAXIWAY A3**

NOT TO SCALE

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

REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

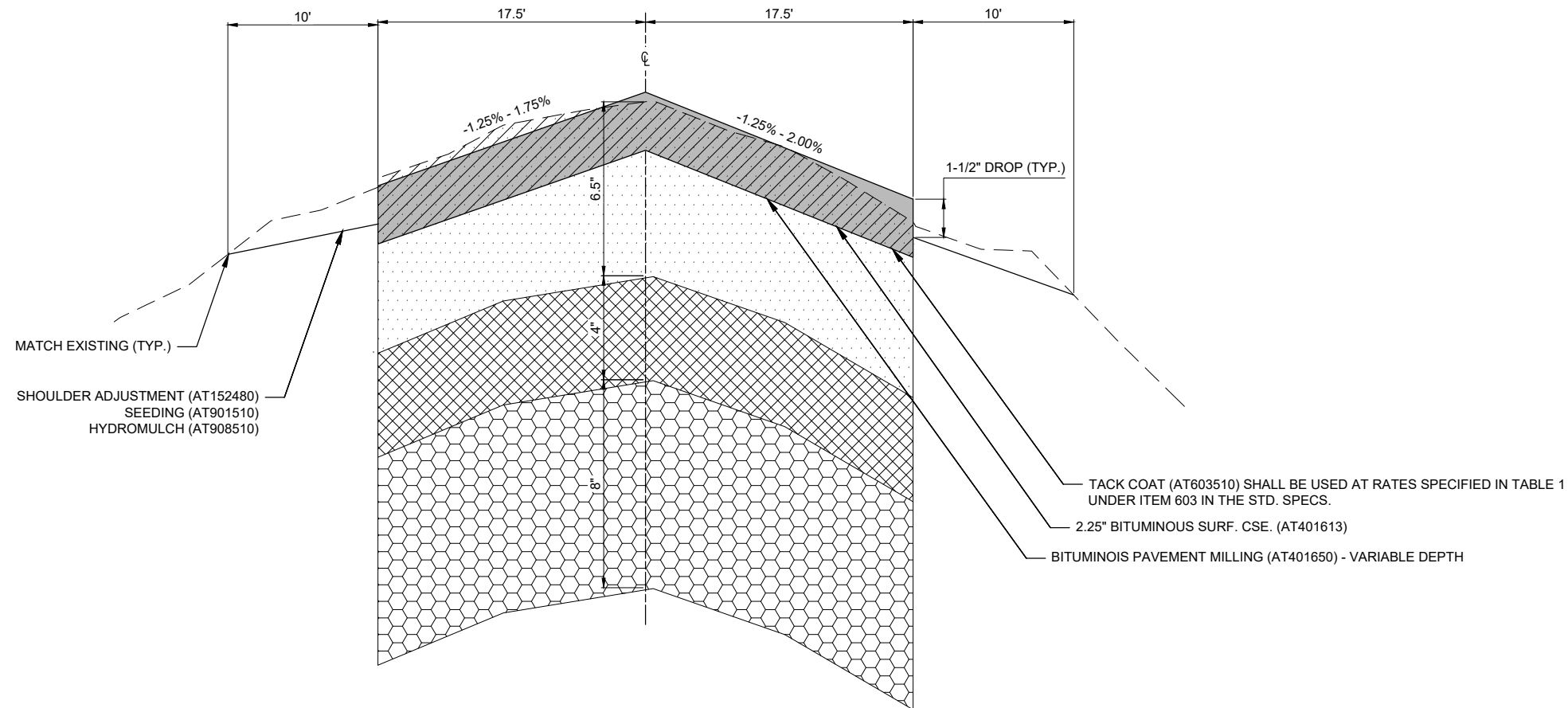
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SHEET TITLE

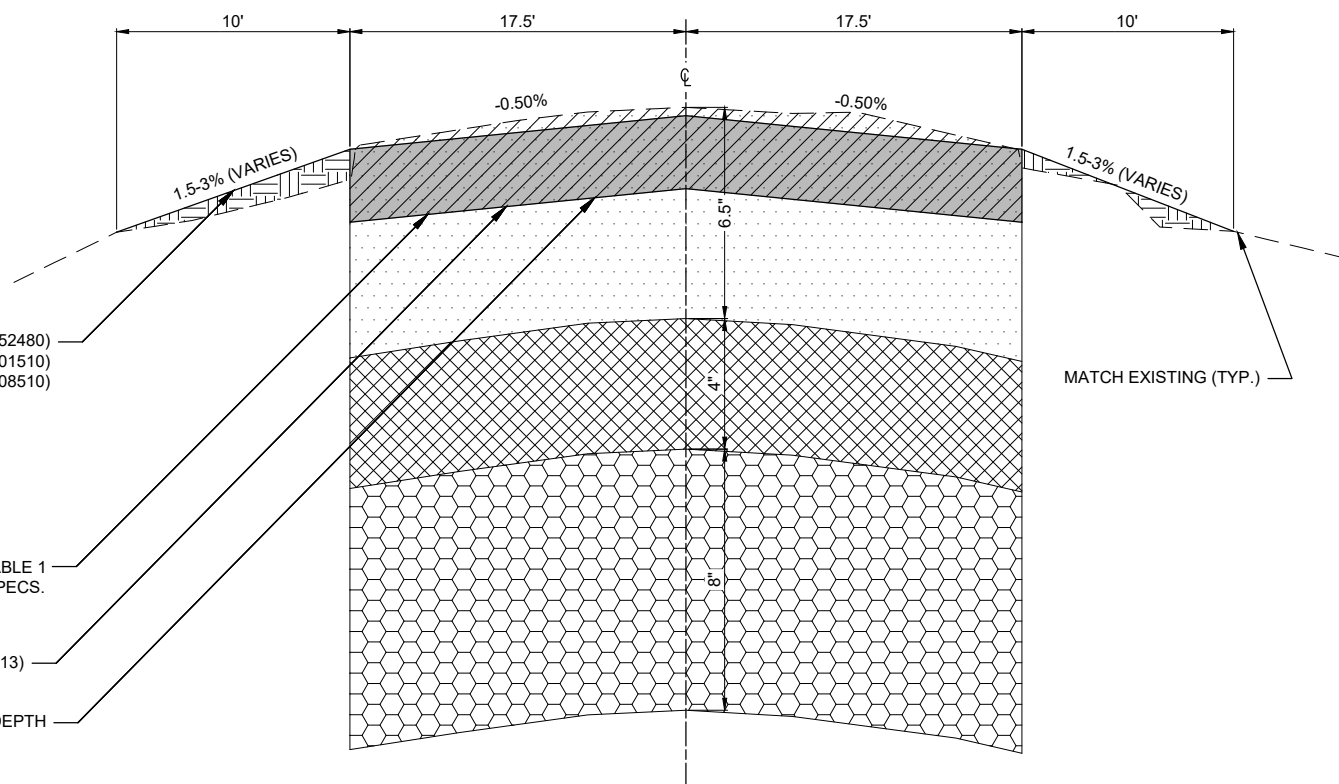
TYP. SECTIONS -  
TWY A2 & A3





**TYPICAL SECTION E-E - TAXIWAY A (EAST)**

NOT TO SCALE



**TYPICAL SECTION D-D - TAXIWAY A (EAST) THROUGH TURF RUNWAY**

NOT TO SCALE

SHOULDER ADJUSTMENT (AT152480)  
SEEDING (AT901510)  
HYDROMULCH (AT908510)

TACK COAT (AT603510) SHALL BE USED AT RATES SPECIFIED IN TABLE 1 UNDER ITEM 603 IN THE STD. SPECS.

2.25" BITUMINOUS SURF. CSE. (AT401613)

BITUMINOUS PAVEMENT MILLING (AT401650) - VARIABLE DEPTH

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

TACK COAT (AR603510) SHALL BE USED AT RATES SPECIFIED IN TABLE 1 UNDER ITEM 603 IN THE STD. SPECS.

2.25" BITUMINOUS SURF. CSE. (AR401613)

BITUMINOUS PAVEMENT MILLING (AR401650) - VARIABLE DEPTH

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

REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

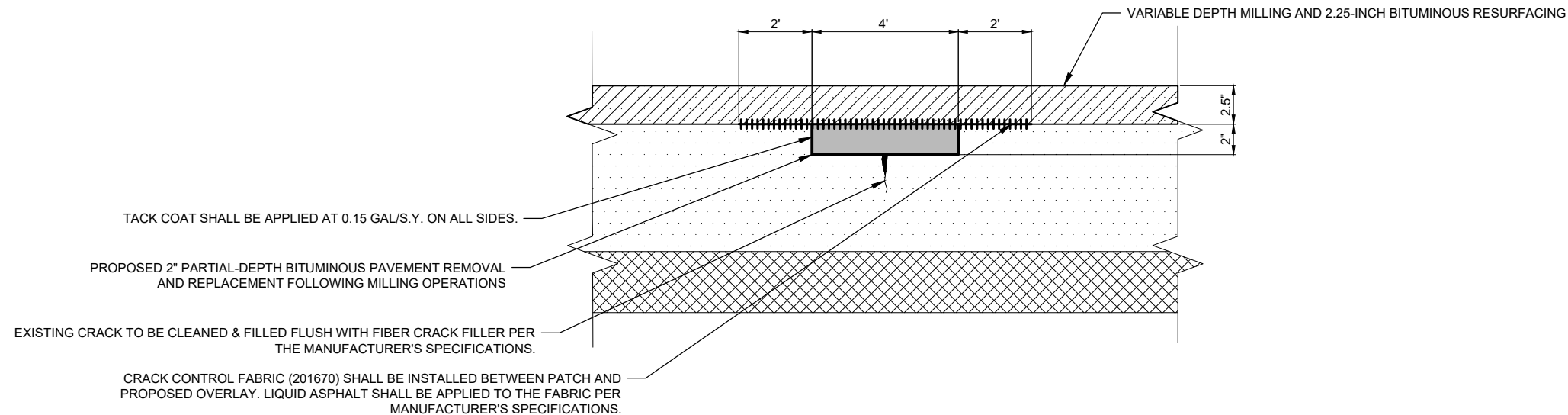
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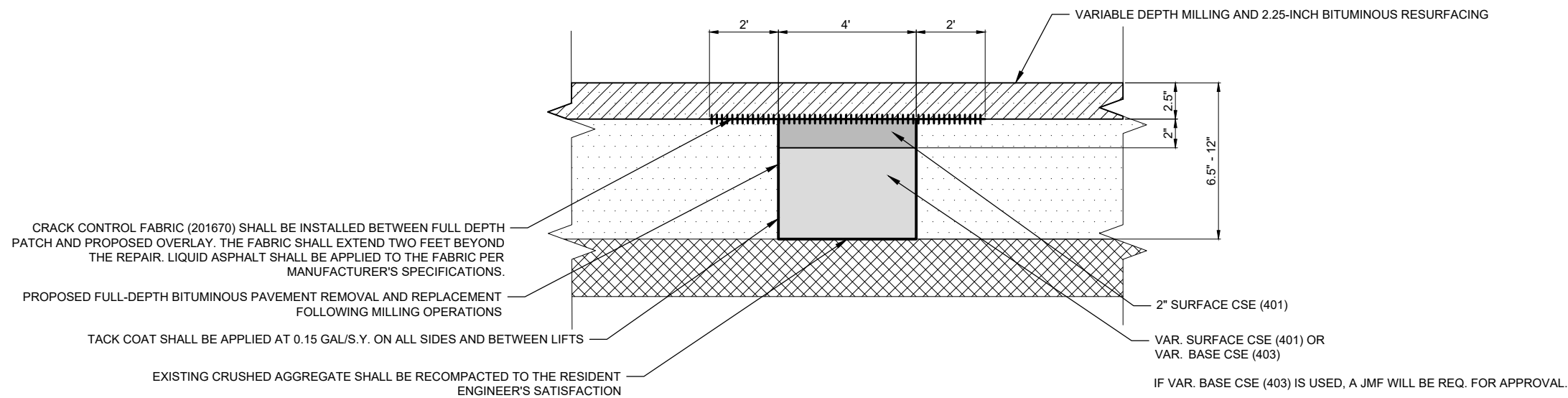
SHEET TITLE

TYP. SECTIONS -  
TWY A (EAST)



**AR/AS/AT401915 REMOVE & REPLACE BITUMINOUS PAVEMENT - TYPE A (PARTIAL DEPTH)**

NOT TO SCALE



**AR/AS/AT401916 REMOVE & REPLACE BITUMINOUS PAVEMENT - TYPE B (FULL DEPTH)**

NOT TO SCALE

REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

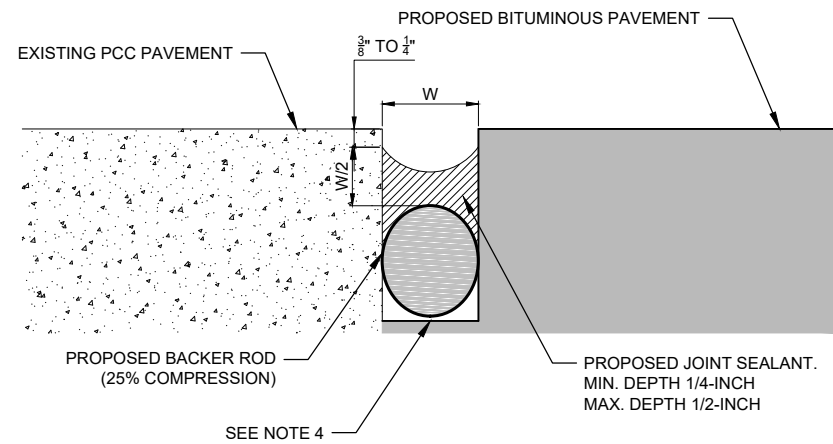
NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: 11/13/2020  
PROJECT NO: 20A0004  
CAD FILE: C-301-TYP.DWG  
DESIGN BY: MJD 08/14/2020  
DRAWN BY: MJD 08/14/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

PAVEMENT  
PATCHING DETAILS

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

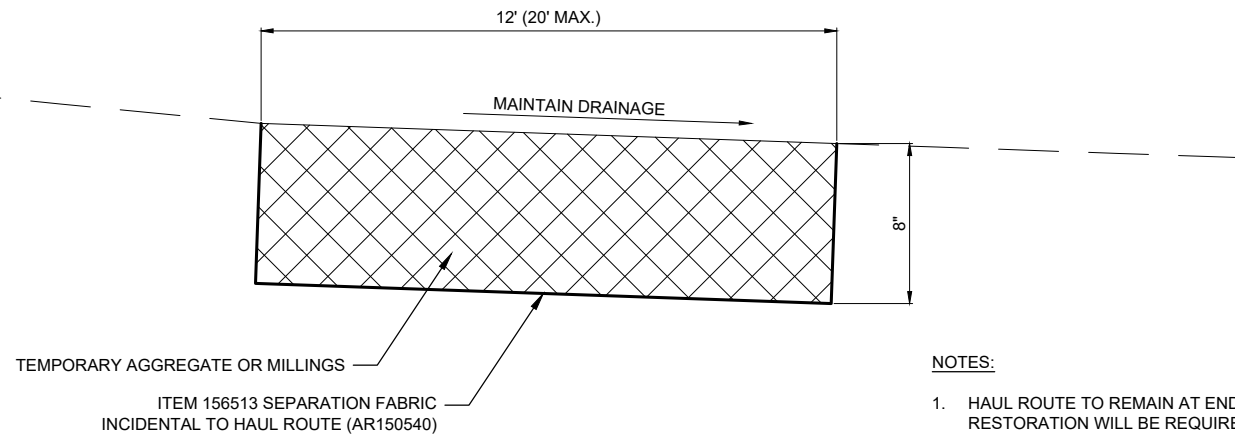


**PCC TO ASPHALT JOINT SEALING DETAIL (AR401660)**

NOT TO SCALE

**NOTES:**

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

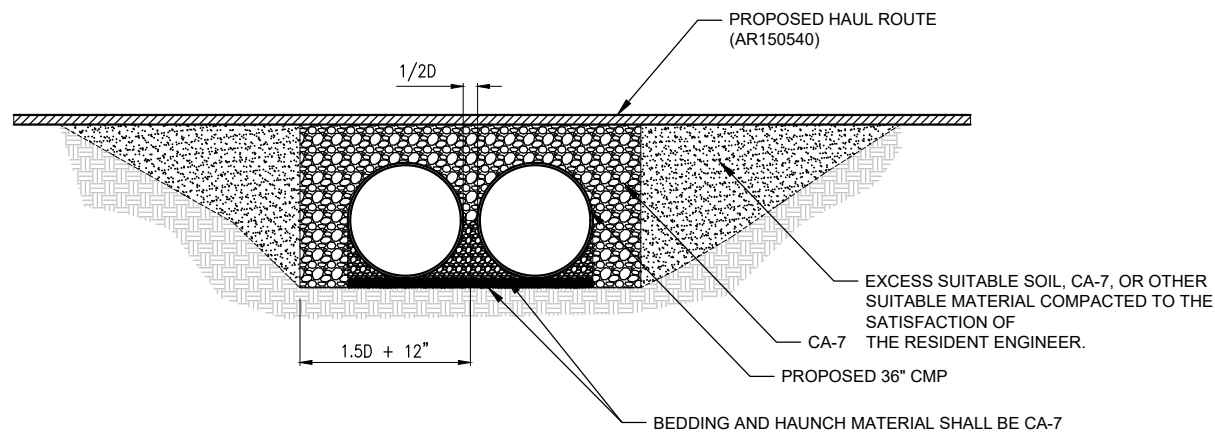


**HAUL ROUTE - TYPICAL SECTION (AR150540)**

NOT TO SCALE

**NOTES:**

1. HAUL ROUTE TO REMAIN AT END OF PROJECT. INCIDENTAL RESTORATION WILL BE REQUIRED AND MAY INCLUDE TILLAGE OF ANY EXISTING FARM GROUND DUE TO COMPACTION, SEEDING AND MULCHING OF STOCK PILES, AND ADDITIONAL AGGREGATE TO CORRECT ANY DEFICIENCIES DUE TO HAULING OPERATIONS.
2. RESIDENT ENGINEER/TECHNICIAN WILL CONFIRM HAUL ROUTE LIMITS/LOCATION PRIOR TO INSTALLATION. CONTRACTOR MAY INCREASE WIDTH/DEPTH OF HAUL ROUTE AT THEIR EXPENSE IF NECESSARY. MAX SIZE OF STAGING AREA IS 150' X 150'.
3. ALL WORK AND MATERIALS INVOLVING HAUL ROUTE SHALL BE PAID FOR UNDER ITEM AR150540 "HAUL ROUTE" - PER LUMP SUM.

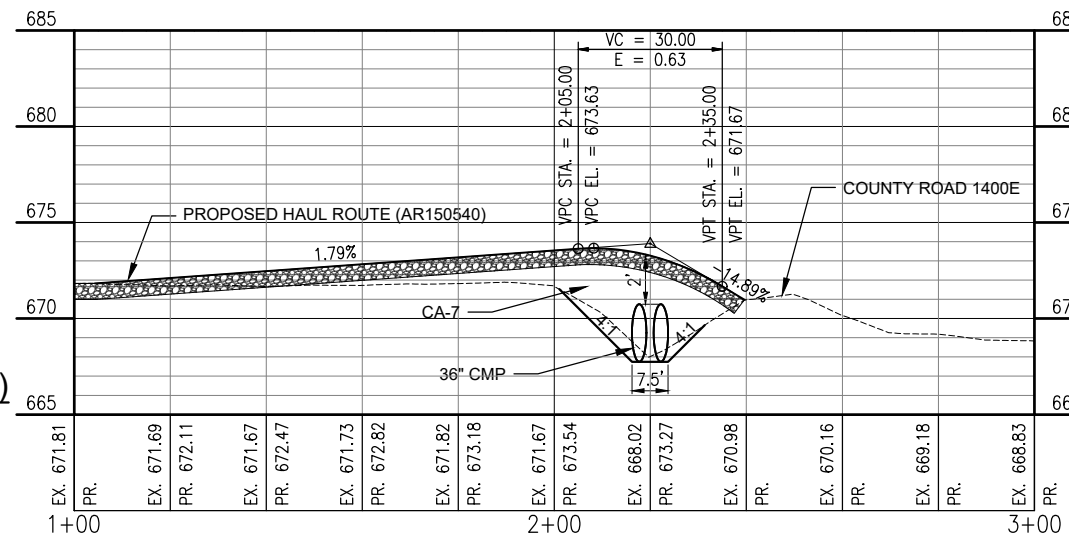
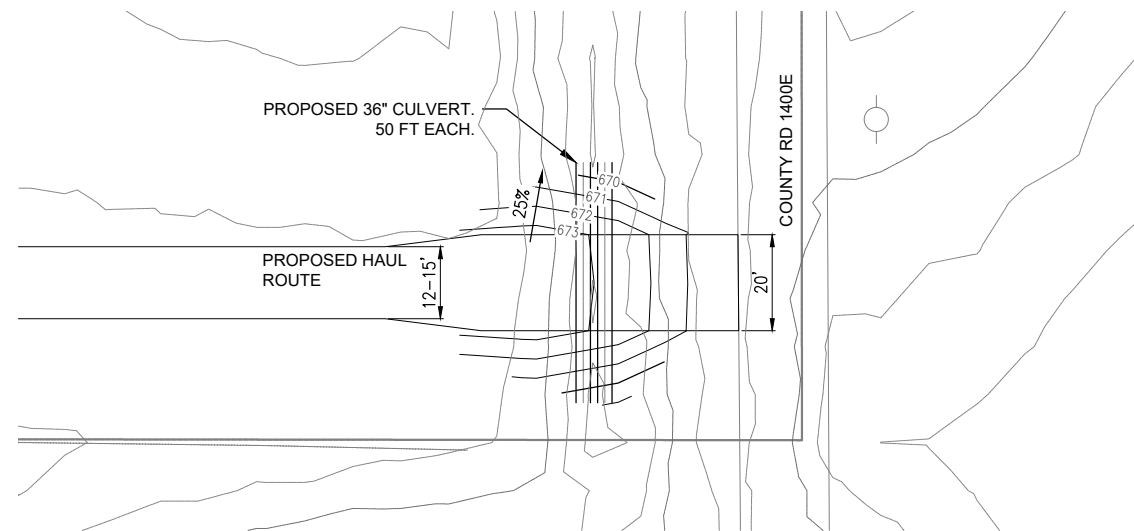


**PROPOSED 36" CMP (AR701236)**

NOT TO SCALE

**NOTES:**

1. ELEVATIONS AND LOCATIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY FIELD CONDITIONS. RESIDENT ENGINEER/TECHNICIAN WILL CONFIRM CULVERT LIMITS/LOCATION PRIOR TO INSTALLATION.
2. MACOMB TOWNSHIP MUST BE NOTIFIED PRIOR TO THE INSTALLATION OF THE PROPOSED CULVERTS AND HAUL ROUTE.
3. EXCESS SUITABLE SOIL SHALL BE USED AS FILL. TOP SOIL SHALL BE PLACED ALONG HAUL ROUTE, SEEDED, AND MULCHED. SOIL EXCAVATION AND PLACEMENT WILL BE INCIDENTAL TO AR701236.
4. ALL WORK AND MATERIALS INVOLVING THE CULVERTS SHALL BE PAID FOR UNDER ITEM 701236 "36" CMP" - PER LINEAL FOOT.



REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

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DRAWN BY: MJD 08/14/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

MISC. DETAILS





**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**

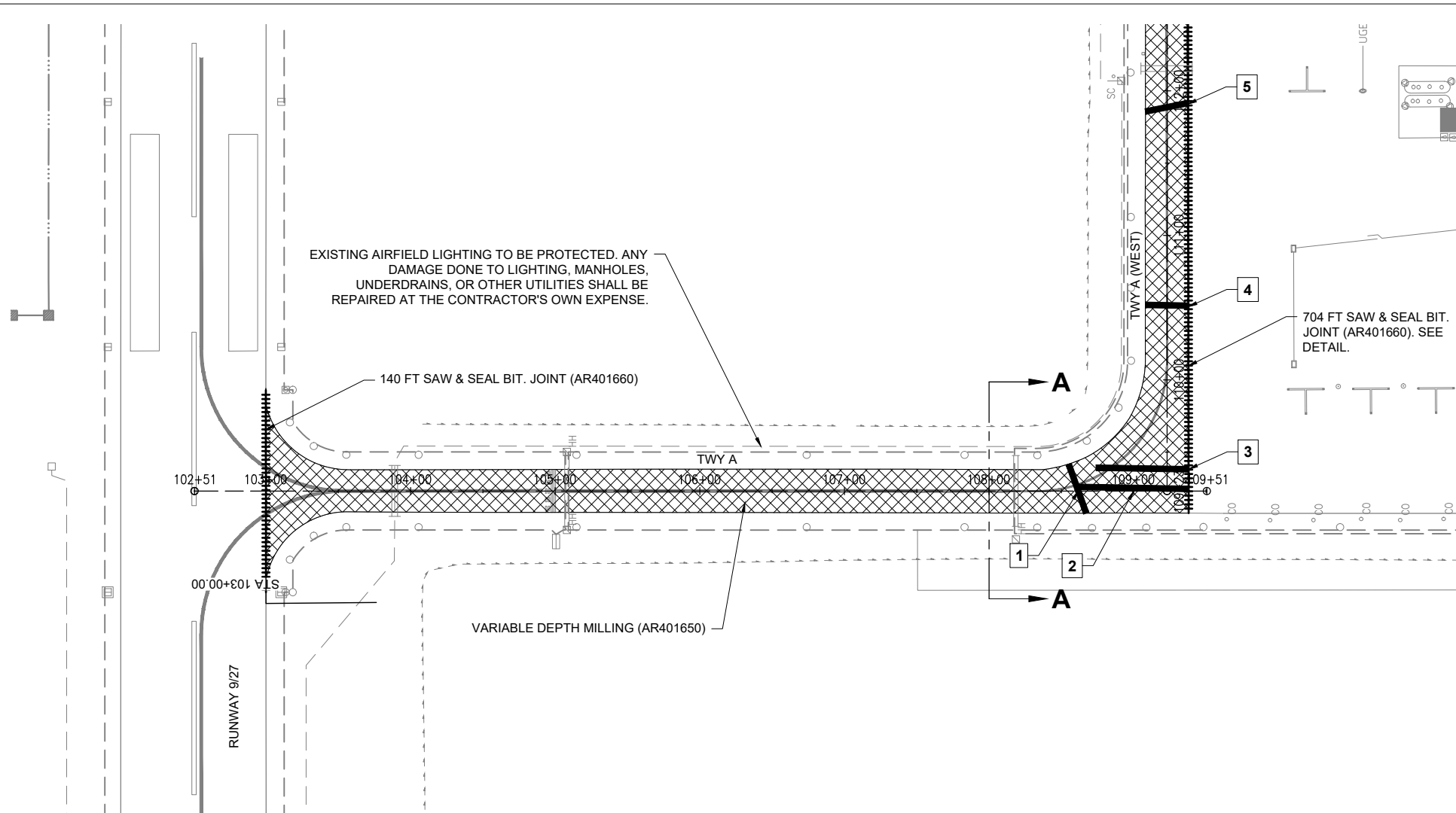
1. A NOMINAL QUANTITY OF AS/AR/AT201661 "CLEAN AND SEAL BITUMINOUS CRACKS" HAS BEEN INCLUDED AND WILL BE LAID OUT BY THE RESIDENT ENGINEER FOLLOWING PAVEMENT MILLING. THE NOMINAL QUANTITY WAS DETERMINED BY A FIELD SURVEY (CONDUCTED ON 04/08/20) AND ASSUMES THAT 50% OF SURVEYED CRACKS WILL BE ELIMINATED AFTER THE COMPLETION OF MILLING. IN ADDITION, THE NOMINAL QUANTITY ASSUMES 50% OF SURVEYED AREAS REQUIRING A TYPE A, PARTIAL DEPTH REPAIR (AR/AS/AT401915) WILL BECOME CRACKS UNDER AR/AS/AT201661.

**BITUMINOUS PAVEMENT MILLING**

2. 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.
3. 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 AR/AS/AT401916 OR REMOVED.



EXISTING AIRFIELD LIGHTING TO BE PROTECTED. ANY DAMAGE DONE TO LIGHTING, MANHOLES, UNDERDRAINS, OR OTHER UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE.

140 FT SAW & SEAL BIT. JOINT (AR401660)

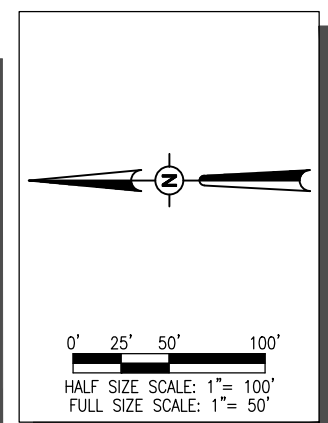
VARIABLE DEPTH MILLING (AR401650)

704 FT SAW & SEAL BIT. JOINT (AR401660). SEE DETAIL.

**PATCHING SCHEDULE - BASE BID**

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	108+62	B	36	4		16.0	32.0
2	109+00	A	77	4	34.2		68.4
3	109+38	A	64	4	28.4		56.9
4	110+52	B	30	4		13.3	26.7
5	111+88	B	30	4		13.3	26.7
6	112+72	B	30	4		13.3	26.7
7	113+41	A	16	4	7.1		14.2
8	113+51	A	17	4	7.6		15.1
9	113+95	B	17	4		7.6	15.1
10	114+32	B	16	4		7.1	14.2
11	115+11	B	30	4		13.3	26.7
12	117+41	B	30	4		13.3	26.7
13	118+32	A	30	4	13.3		26.7
14	0+98	A	33	4	14.7		29.3
15	2+34	B	30	4		13.3	26.7
16	3+53	B	30	4		13.3	26.7
17	4+28	B	30	4		13.3	26.7
18	5+65	B	30	4		13.3	26.7
NOMINAL A	TBD	A	30	4	13.3		26.7
NOMINAL B	TBD	B	30	4		13.3	26.7

EXISTING	PROPOSED	LEGEND
		AR401650 - BITUMINOUS PAVEMENT MILLING (VARIABLE) - BASE
		AS401650 - BITUMINOUS PAVEMENT MILLING (VARIABLE) - ADD. ALT. 1
		AT401650 - BITUMINOUS PAVEMENT MILLING (VARIABLE) - ADD. ALT. 2
		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 TO RUNWAY 9-27**

IDA No: MQB-4569

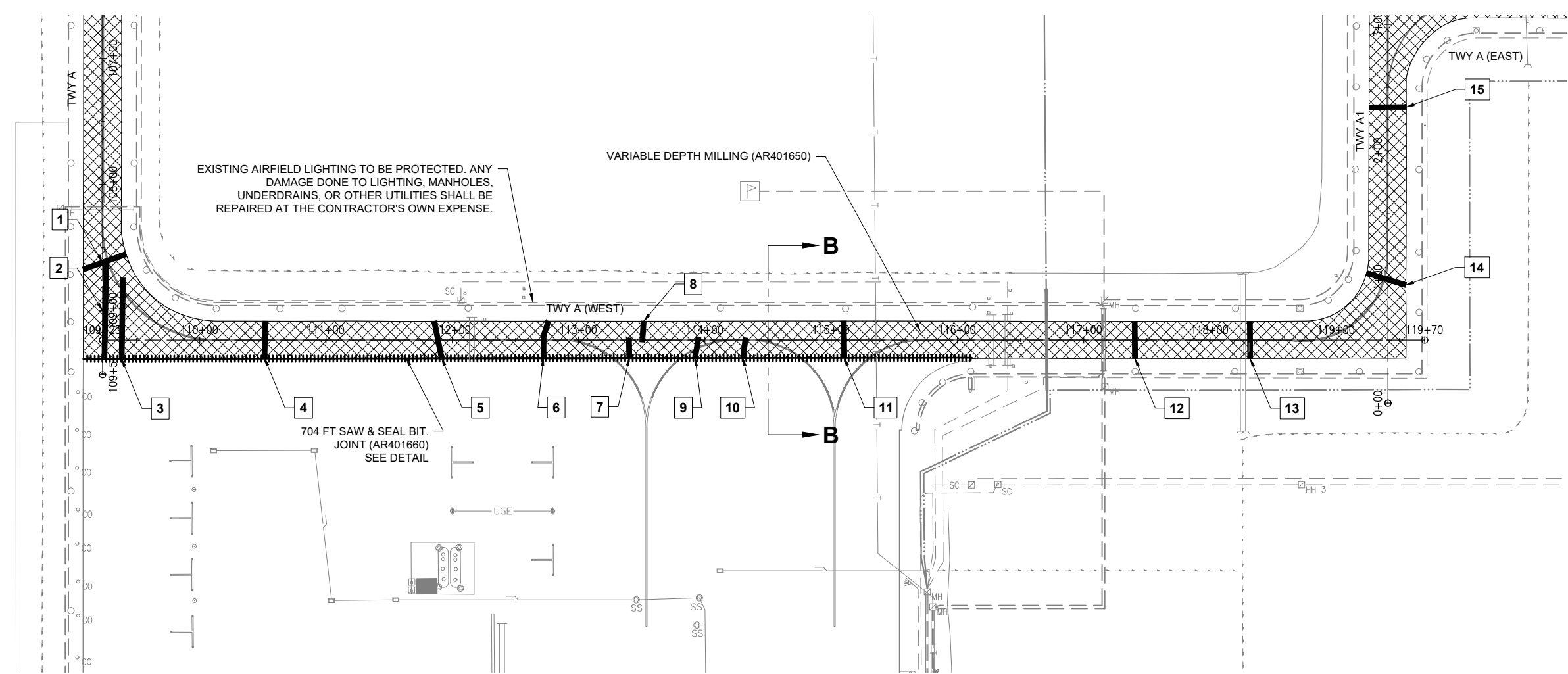
Contract No.: MB033

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: 11/13/2020  
PROJECT NO: 20A0004  
CAD FILE: C-101-PREP.DWG  
DESIGN BY: MJD 08/19/2020  
DRAWN BY: HLE 08/20/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

**PAVEMENT PREPARATION PLAN - TWY A**



REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

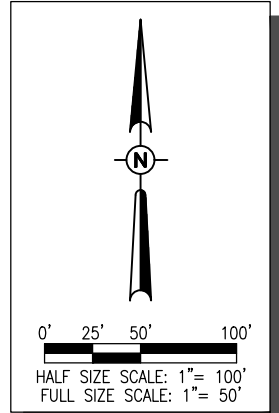
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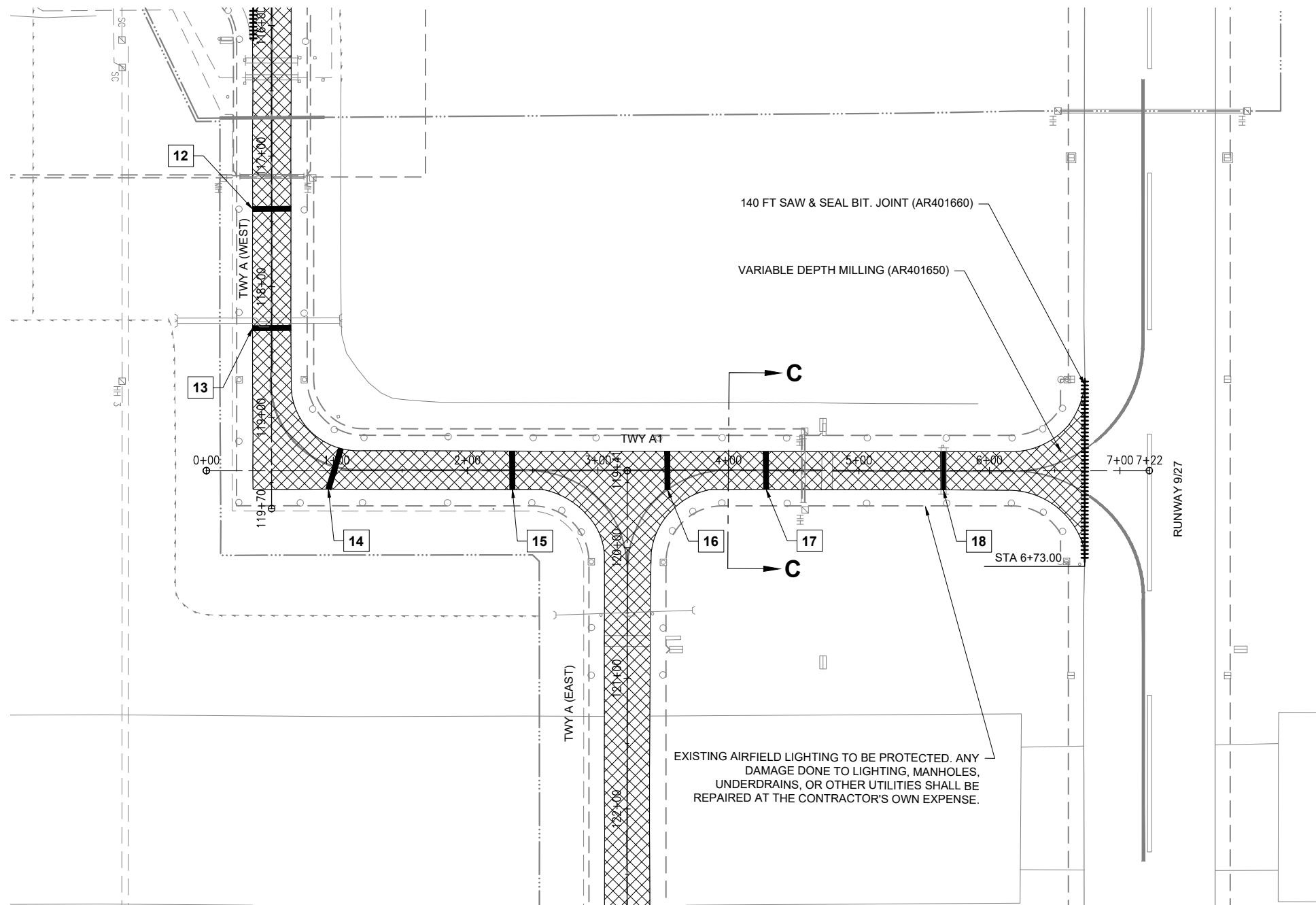
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PROJECT NO: 20A0004  
CAD FILE: C-101-PREP.DWG  
DESIGN BY: MJD 08/19/2020  
DRAWN BY: HLE 08/20/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

PAVEMENT  
PREPARATION PLAN -  
TWY A (WEST)

EXISTING	PROPOSED	LEGEND
		AR401650 - BITUMINOUS PAVEMENT MILLING (VARIABLE) - BASE
		AS401650 - BITUMINOUS PAVEMENT MILLING (VARIABLE) - ADD. ALT. 1
		AT401650 - BITUMINOUS PAVEMENT MILLING (VARIABLE) - ADD. ALT. 2
		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 TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

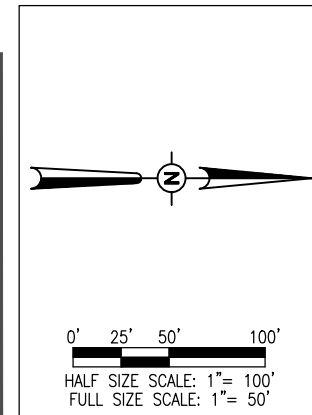
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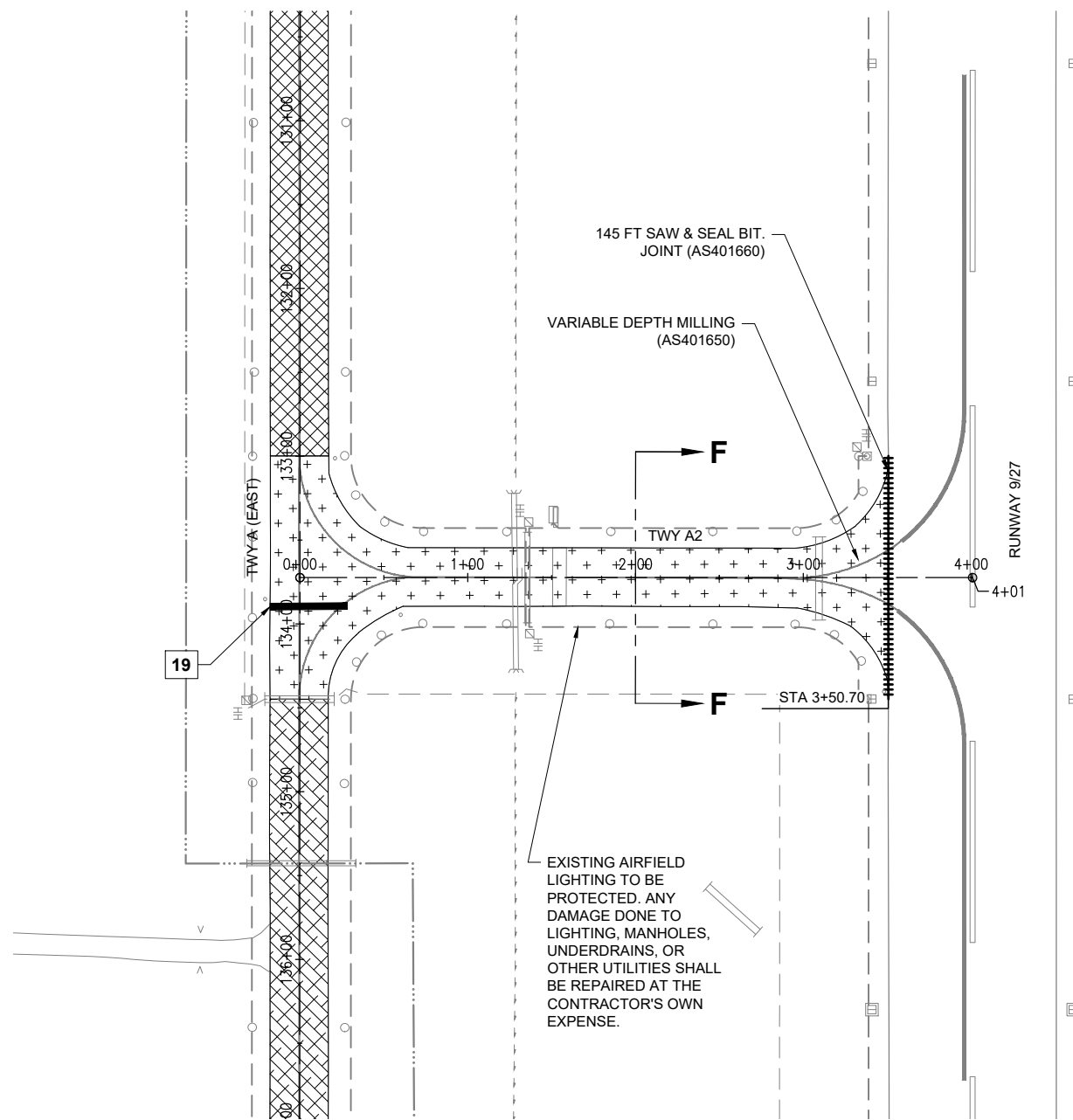
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PROJECT NO: 20A0004  
CAD FILE: C-101-PREP.DWG  
DESIGN BY: MJD 08/19/2020  
DRAWN BY: HLE 08/20/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

PAVEMENT  
PREPARATION PLAN -  
TWY A1

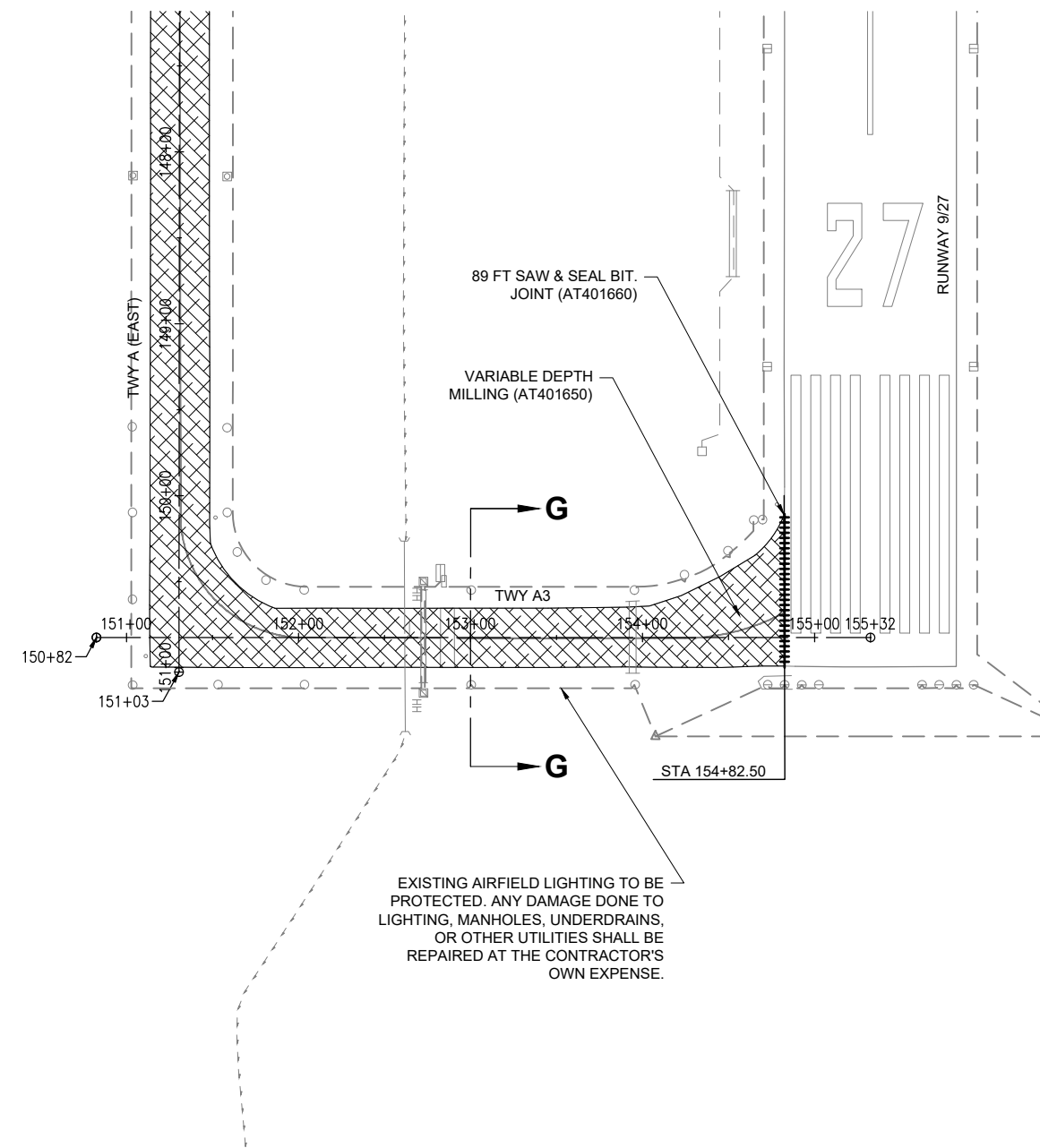
EXISTING	PROPOSED	LEGEND
		AR401650 - BITUMINOUS PAVEMENT MILLING (VARIABLE) - BASE
		AS401650 - BITUMINOUS PAVEMENT MILLING (VARIABLE) - ADD. ALT. 1
		AT401650 - BITUMINOUS PAVEMENT MILLING (VARIABLE) - ADD. ALT. 2
		REMOVE AND REPLACE BIT. PAVEMENT
		SAW & SEAL BIT. JOINT
		AIRPORT PROPERTY LINE
		AIRPORT FENCE (AIRFIELD)
		UNDERGROUND ELECTRIC LINE
		UNDERDRAIN
		MANHOLE
		AIRFIELD LIGHTING



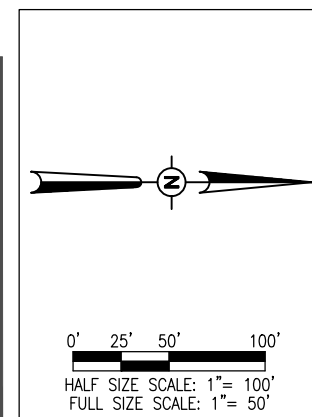


PATCHING SCHEDULE - ADDITIVE ALTERNATE NO. 1							
CRACK NO.	STA. OFFSET (APPROXIMATE)	PATCH TYPE	PATCHING LENGTH (FT)	PATCHING WIDTH (FT)	TYPE A TOTAL (AS401915) (SY)	TYPE B TOTAL (AS401916) (SY)	CRACK CONTROL FABRIC TOTAL (AS201670) (SY)
19	133+90	B	46	4		20.4	40.9
NOMINAL A	-	A	60	4	26.7		53.3
NOMINAL B	-	B	30	4		13.3	26.7

PATCHING SCHEDULE - ADDITIVE ALTERNATE NO. 2							
CRACK NO.	STA. OFFSET (APPROXIMATE)	PATCH TYPE	PATCHING LENGTH (FT)	PATCHING WIDTH (FT)	TYPE A TOTAL (AT401915) (SY)	TYPE B TOTAL (AT401916) (SY)	CRACK CONTROL FABRIC TOTAL (AT201670) (SY)
NOMINAL A	-	A	90	4	40.0		80.0
NOMINAL B	-	B	30	4		13.3	26.7



EXISTING	PROPOSED	LEGEND
		AR401650 - BITUMINOUS PAVEMENT MILLING (VARIABLE) - BASE
		AS401650 - BITUMINOUS PAVEMENT MILLING (VARIABLE) - ADD. ALT. 1
		AT401650 - BITUMINOUS PAVEMENT MILLING (VARIABLE) - ADD. ALT. 2
		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 TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

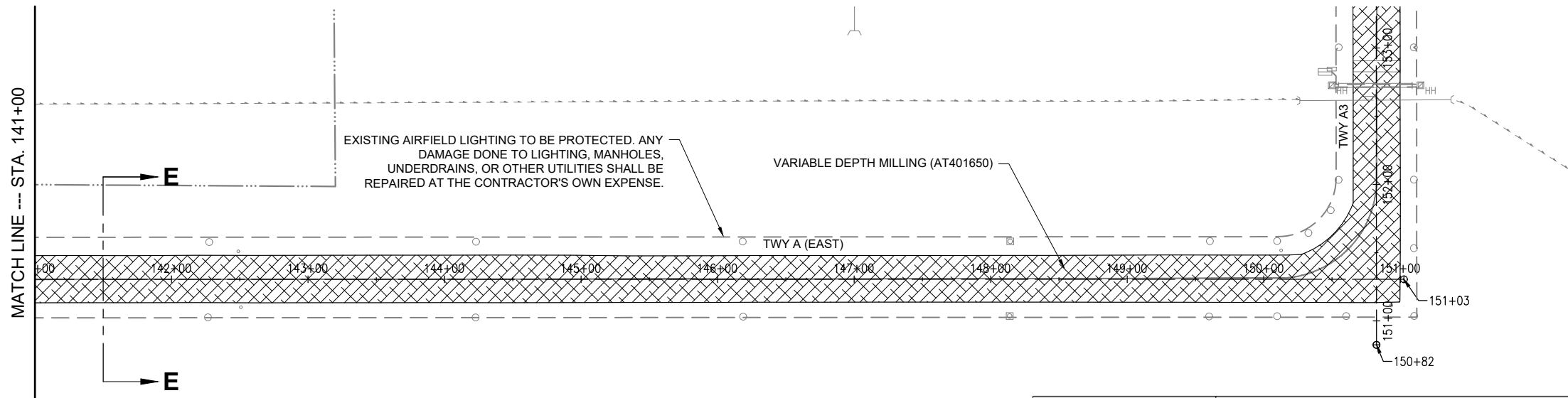
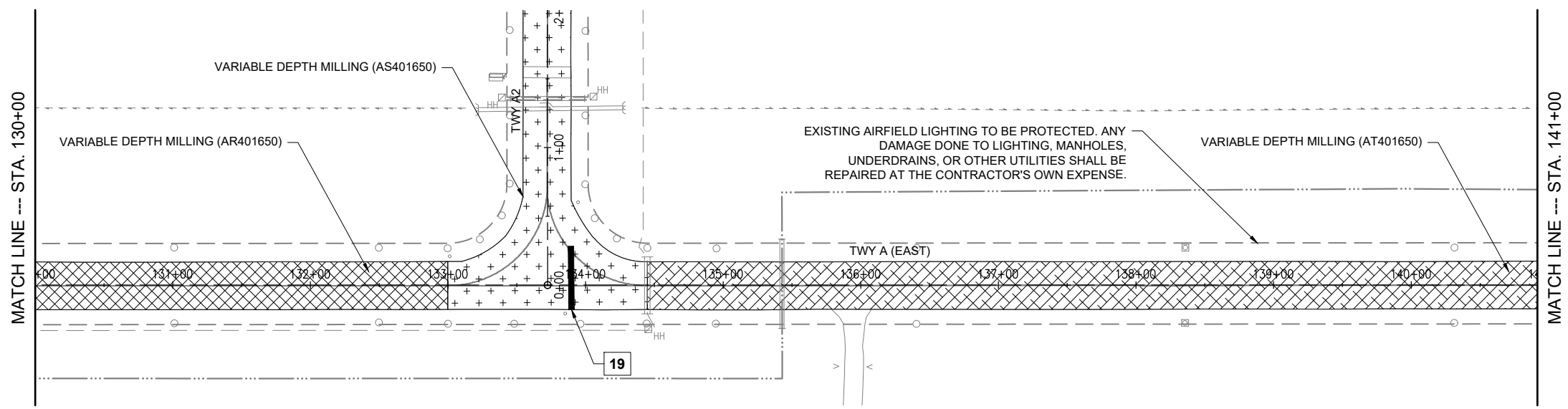
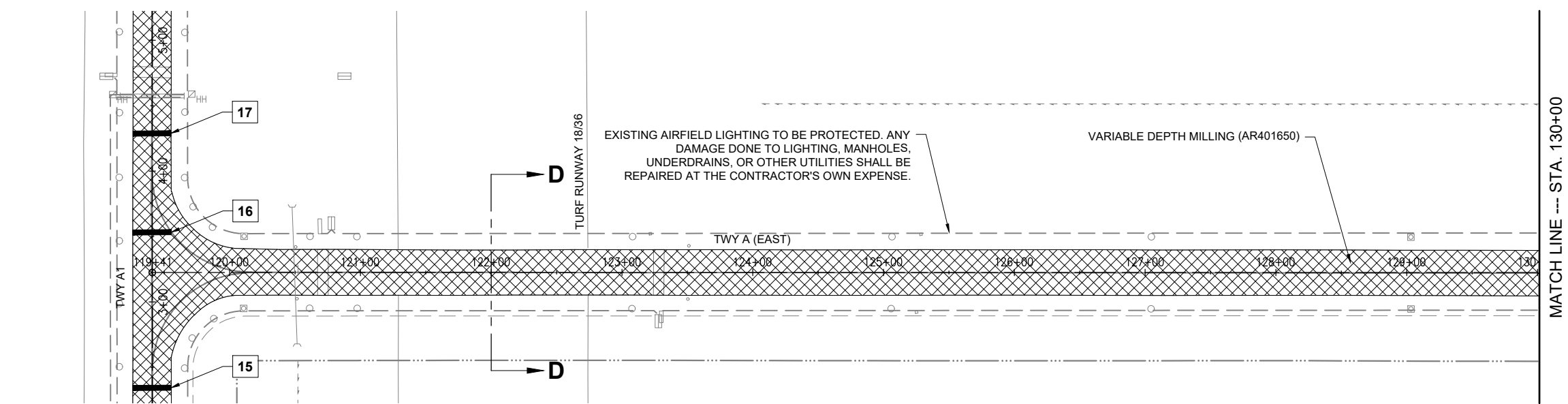
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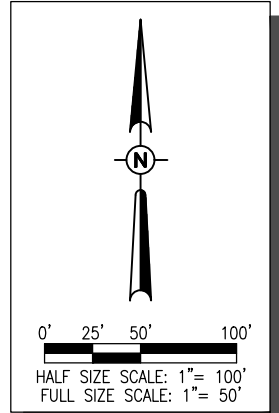
SHEET TITLE

PAVEMENT  
PREPARATION PLAN -  
TWY A2 & A3





PROPOSED	LEGEND
	AR401650 - BITUMINOUS PAVEMENT MILLING (VARIABLE) - BASE
	AS401650 - BITUMINOUS PAVEMENT MILLING (VARIABLE) - ADD. ALT. 1
	AT401650 - BITUMINOUS PAVEMENT MILLING (VARIABLE) - ADD. ALT. 2
	REMOVE AND REPLACE BIT. PAVEMENT
	SAW & SEAL BIT. JOINT



REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

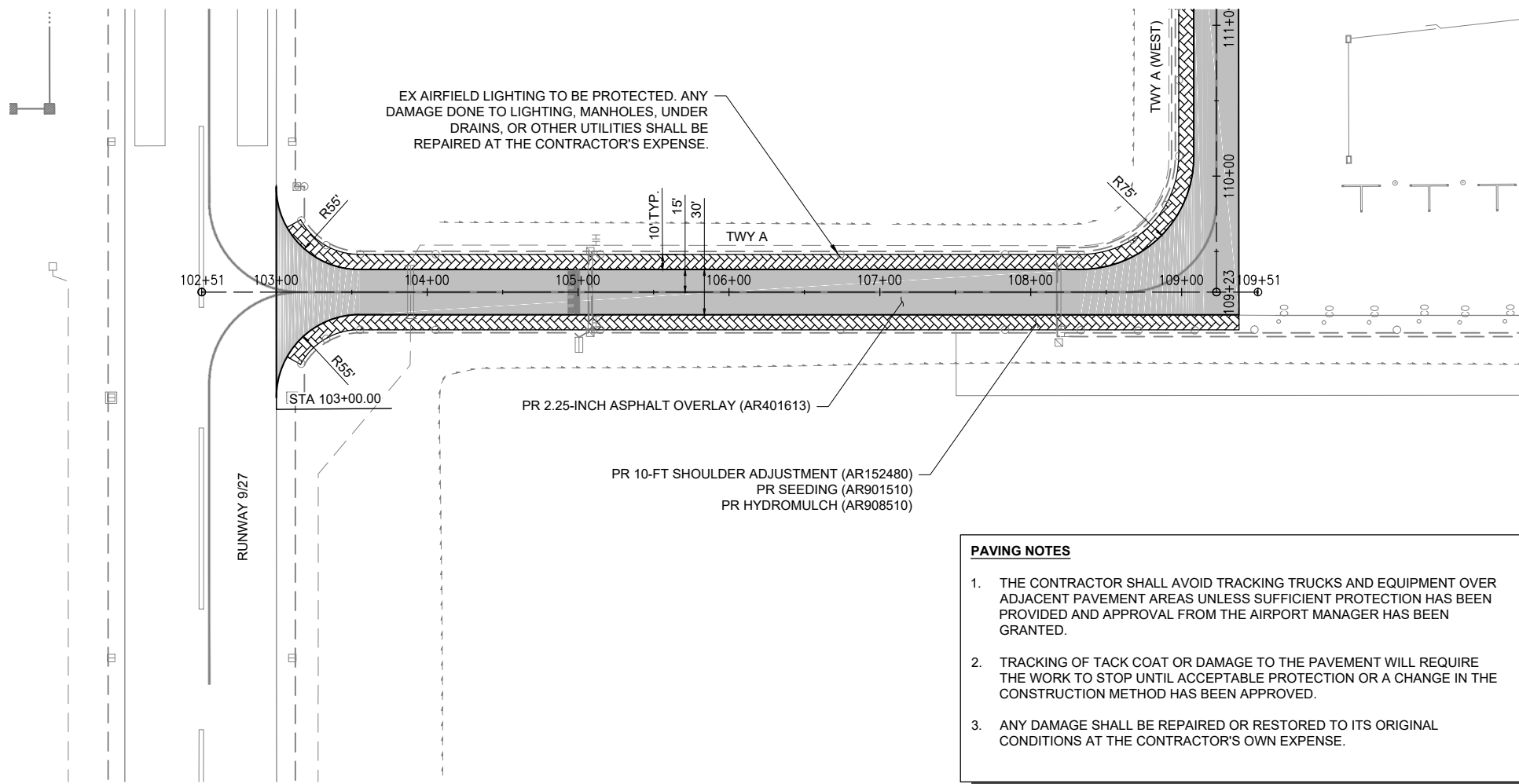
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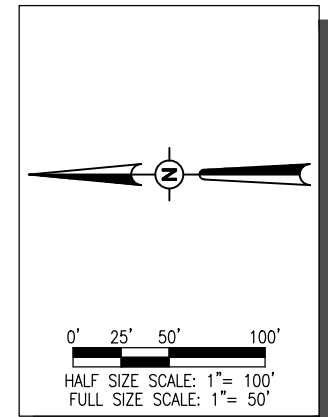
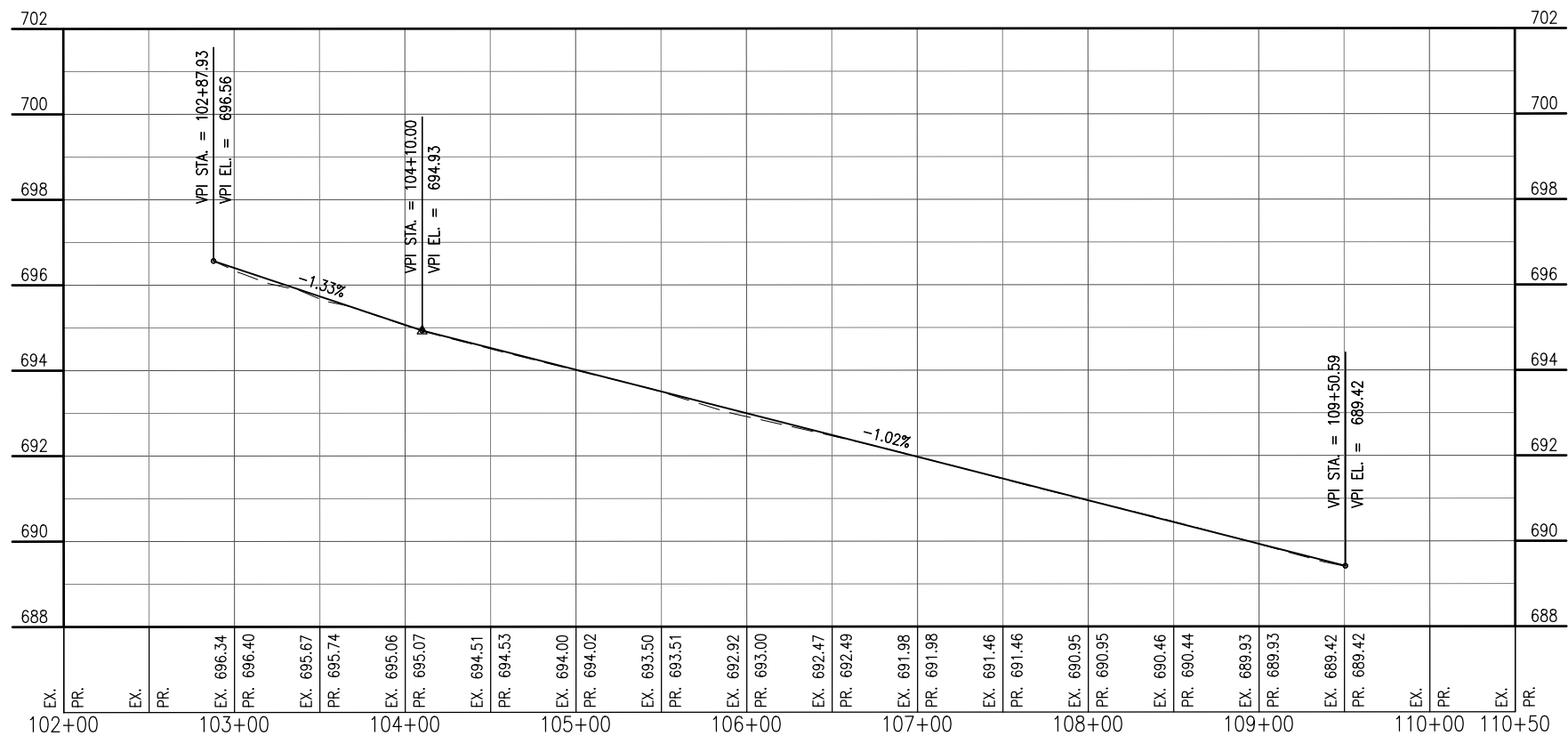
SHEET TITLE

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.



REHABILITATE  
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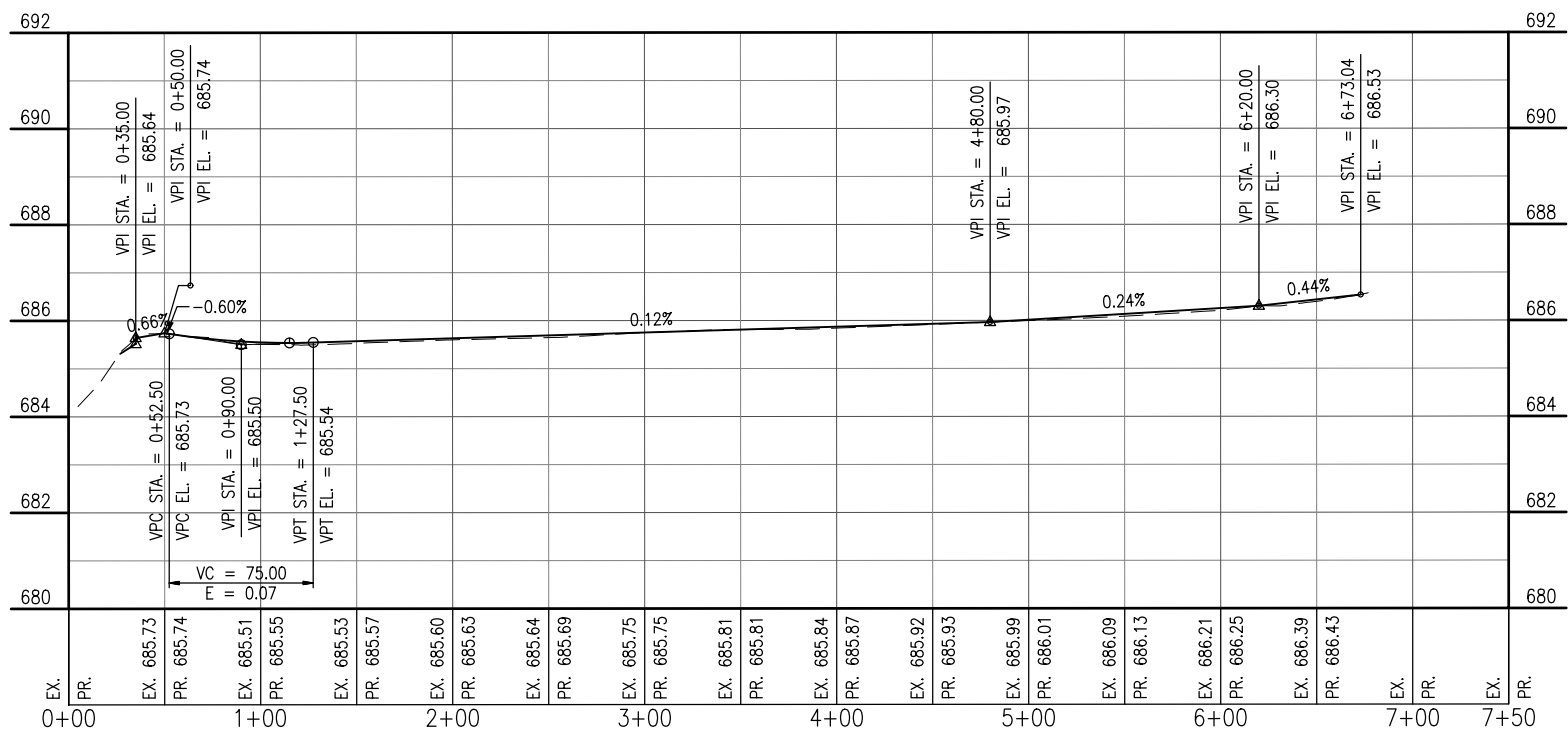
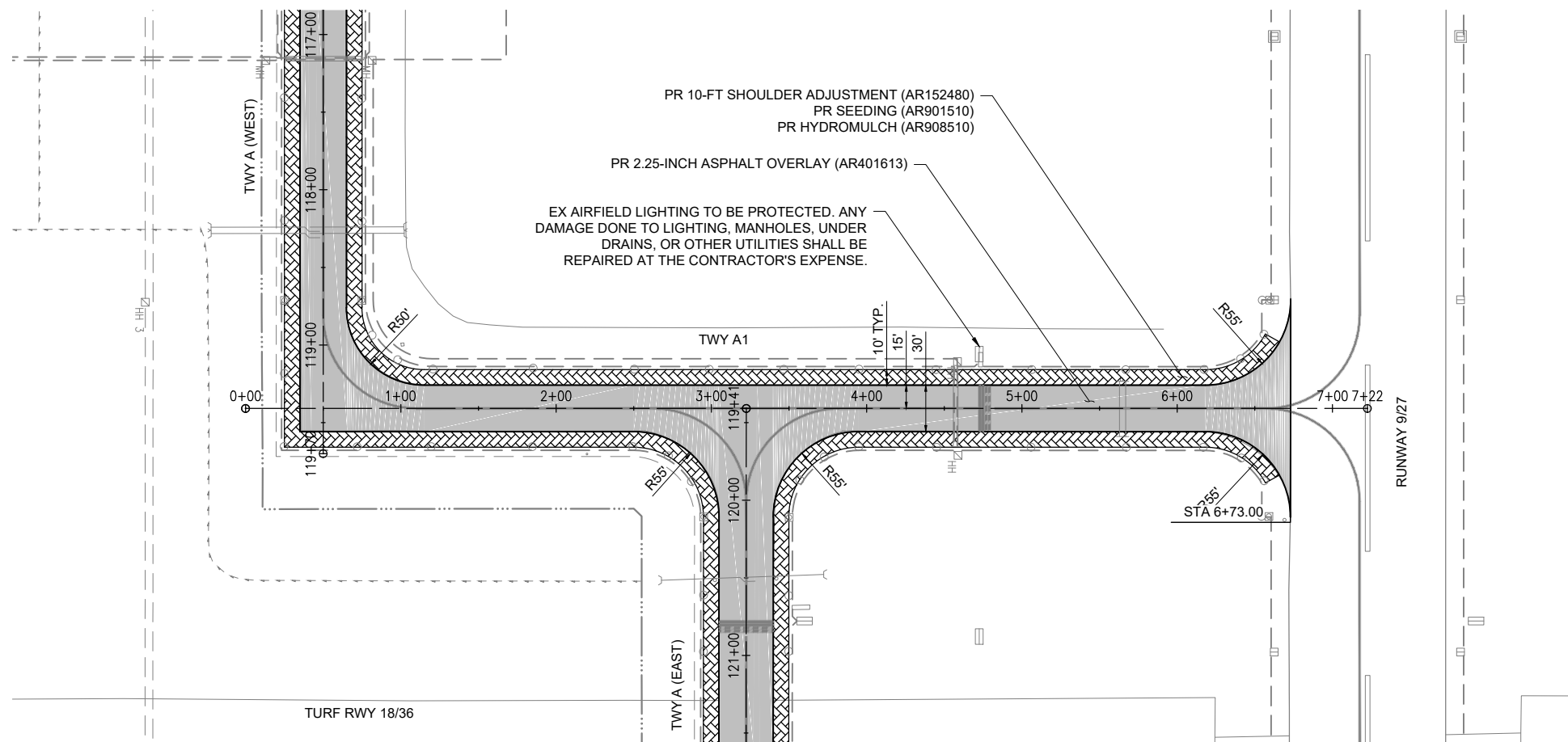
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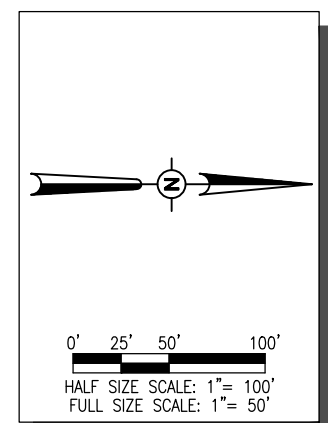
SHEET TITLE

PROPOSED PLAN &  
PROFILE - TWY A





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REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

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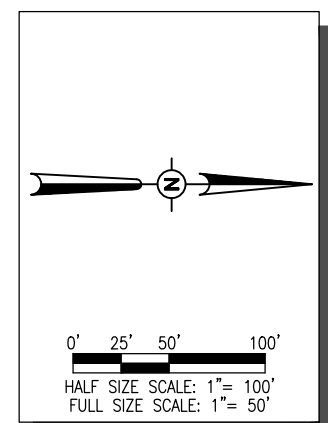
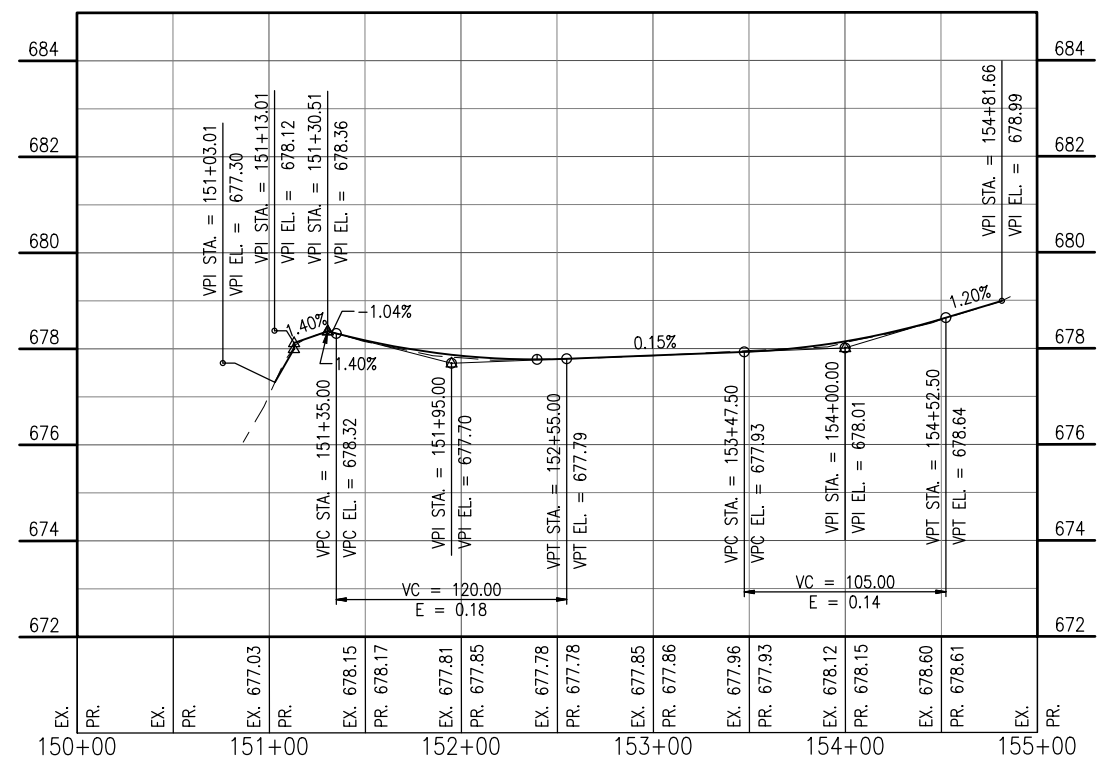
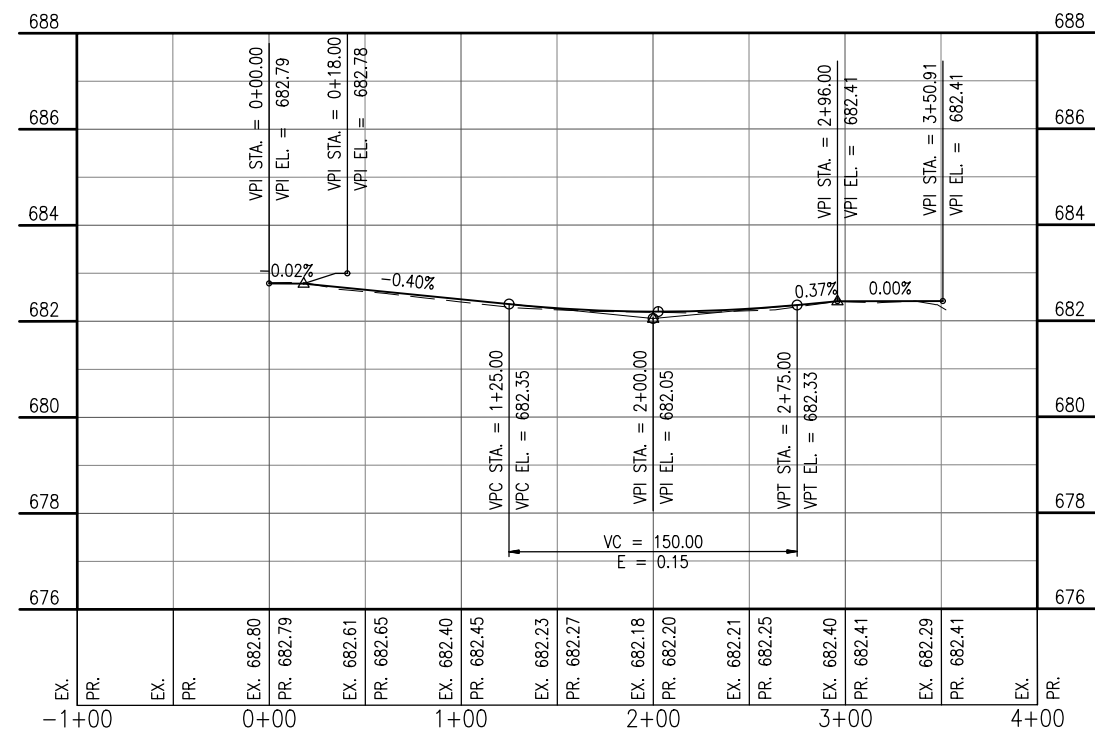
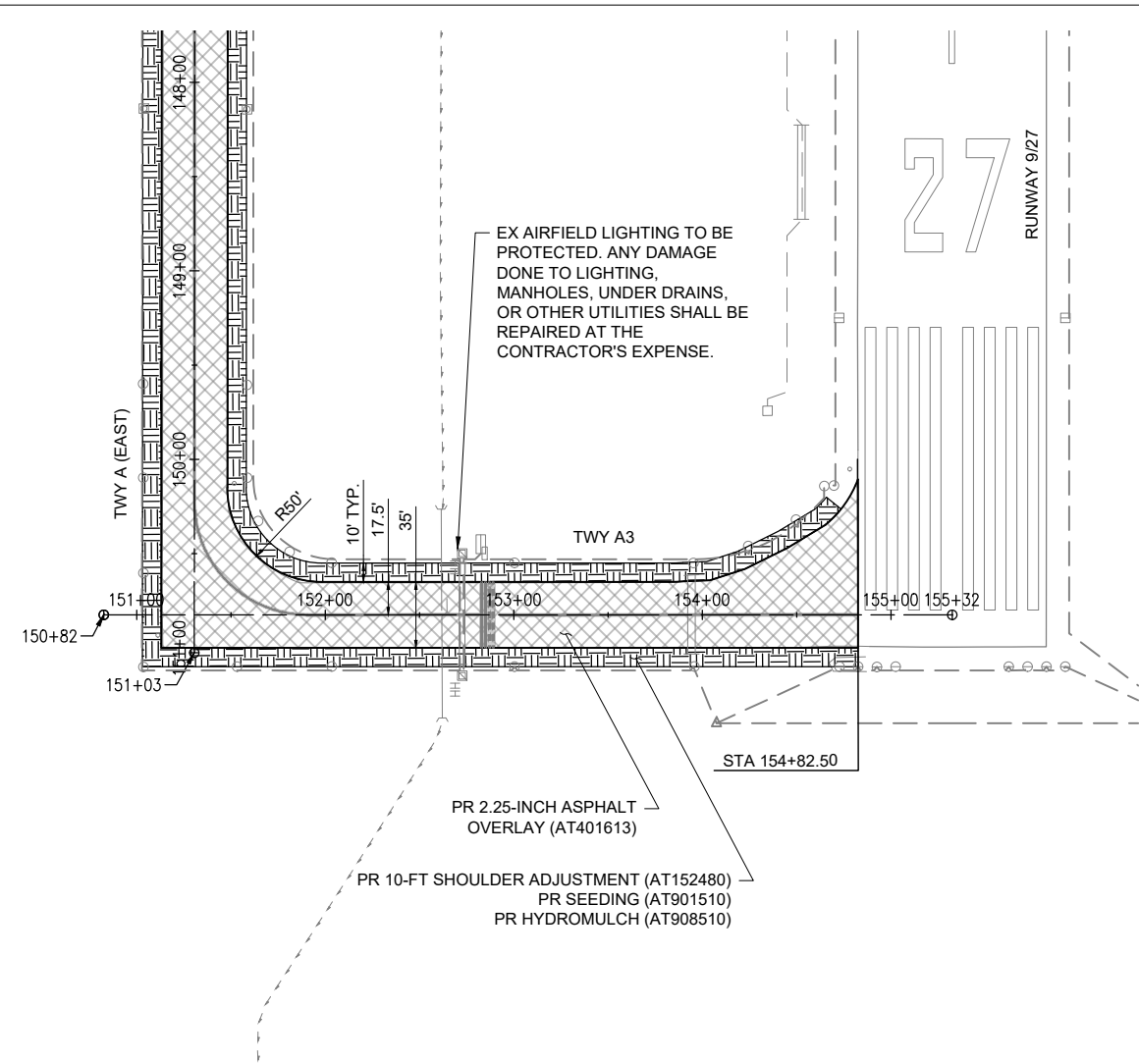
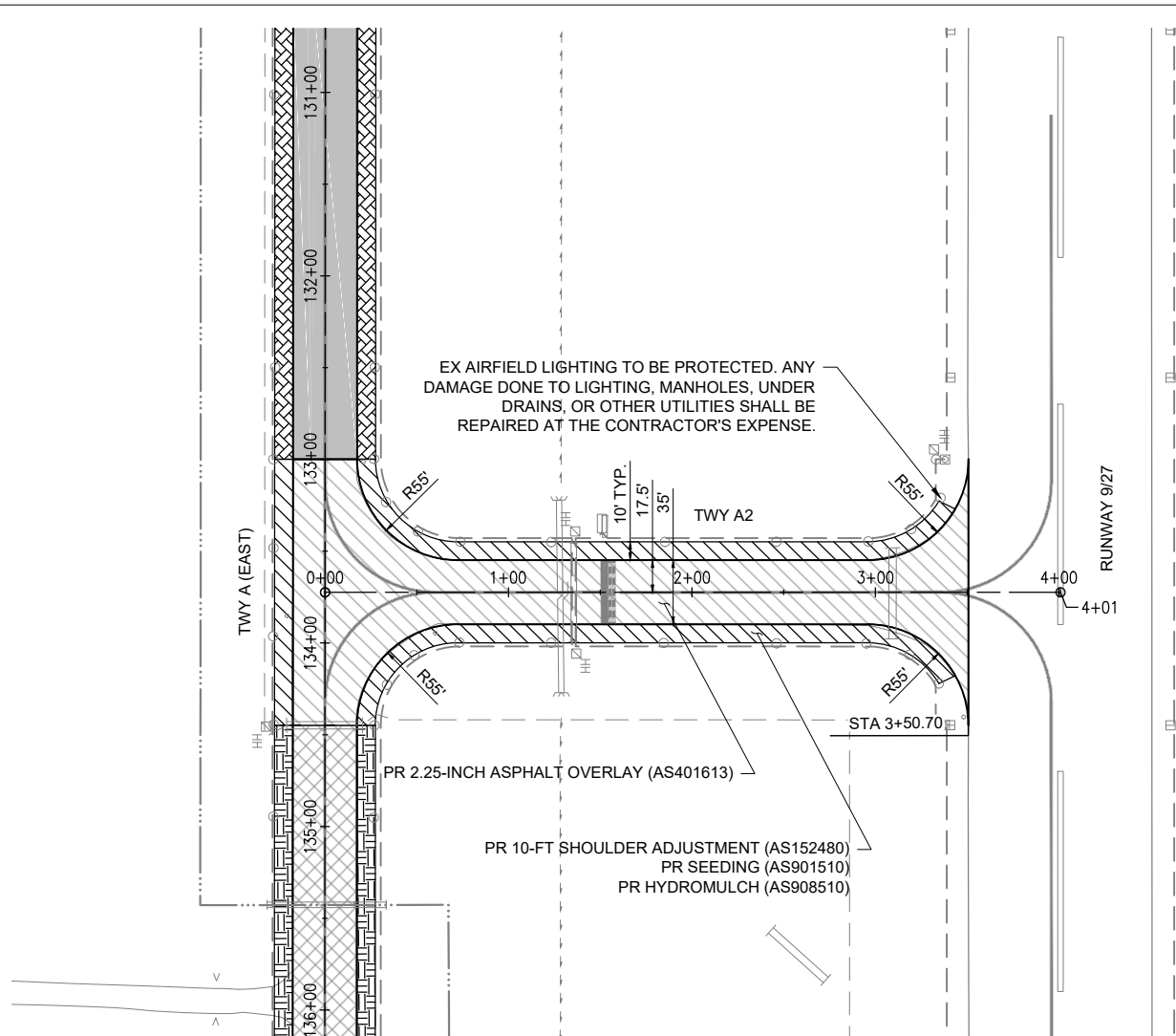
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REVIEWED BY: LDH 11/12/2020

SHEET TITLE

PROPOSED PLAN &  
PROFILE - TWY A1





REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

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SHEET TITLE

PROPOSED PLAN &  
PROFILE - TWY A2 &  
A3



REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

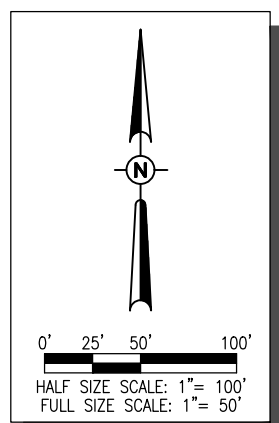
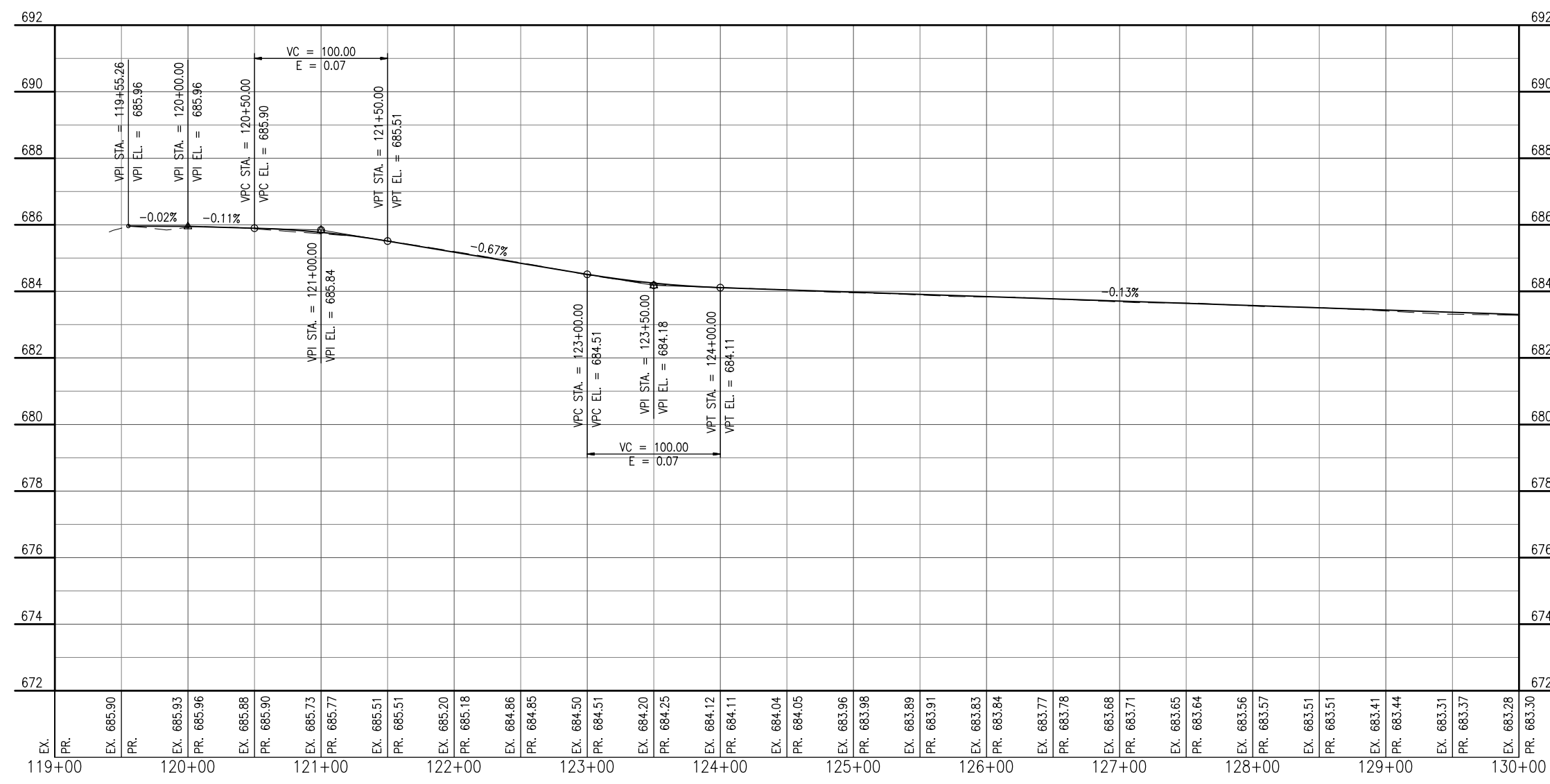
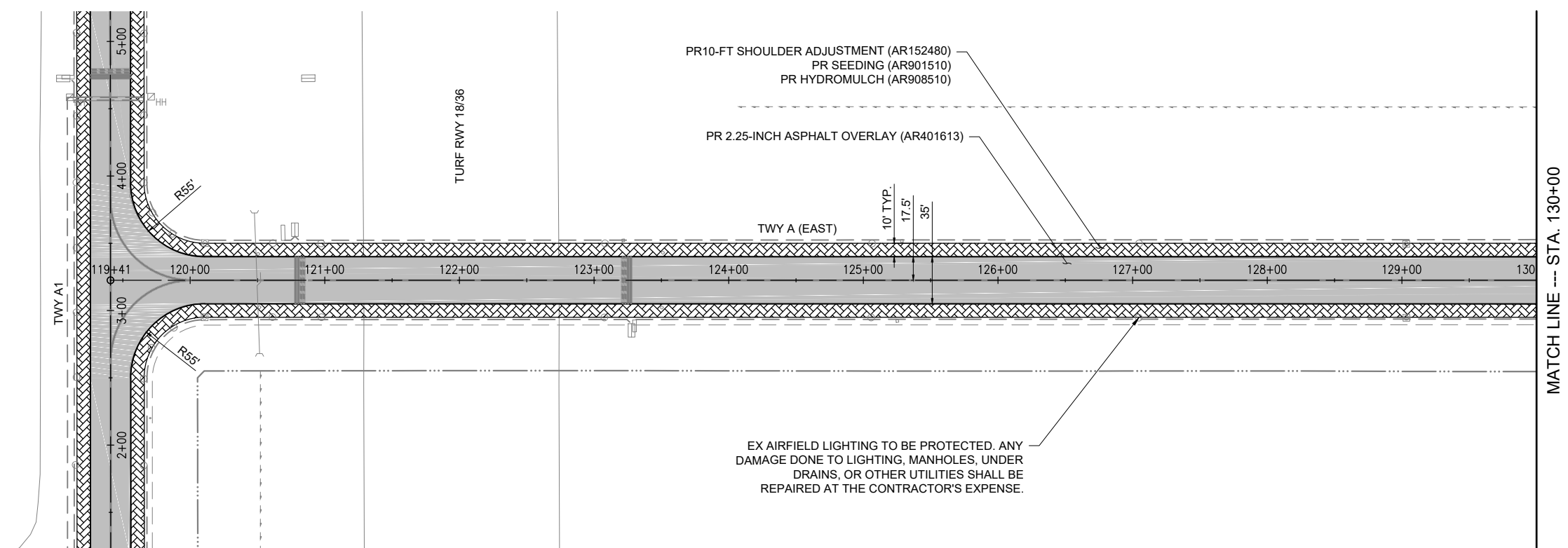
Contract No.: MB033

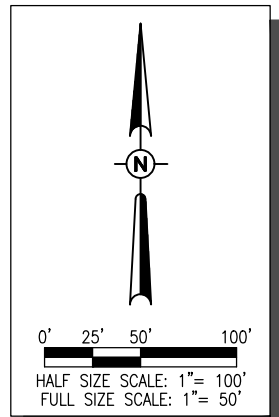
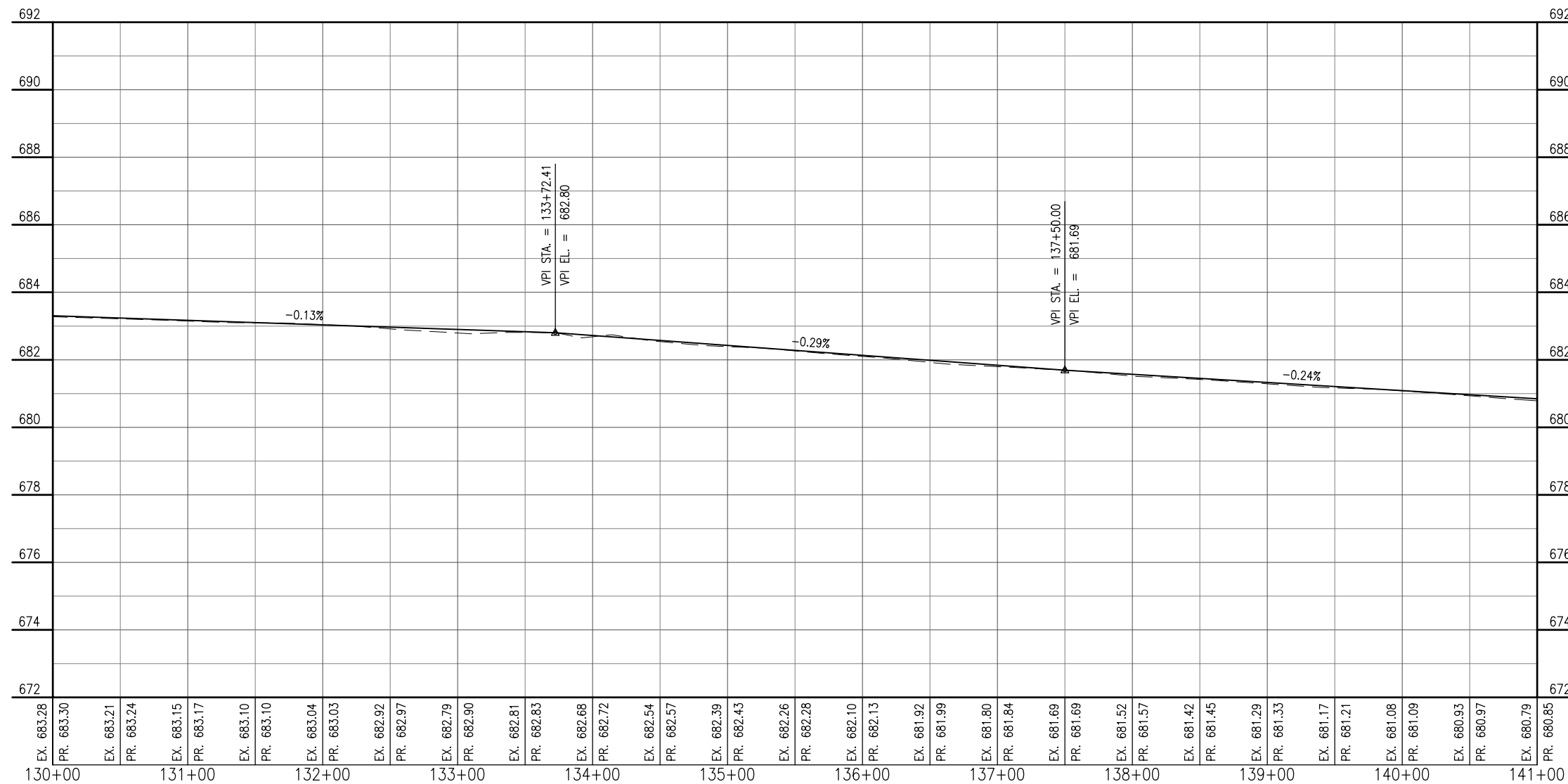
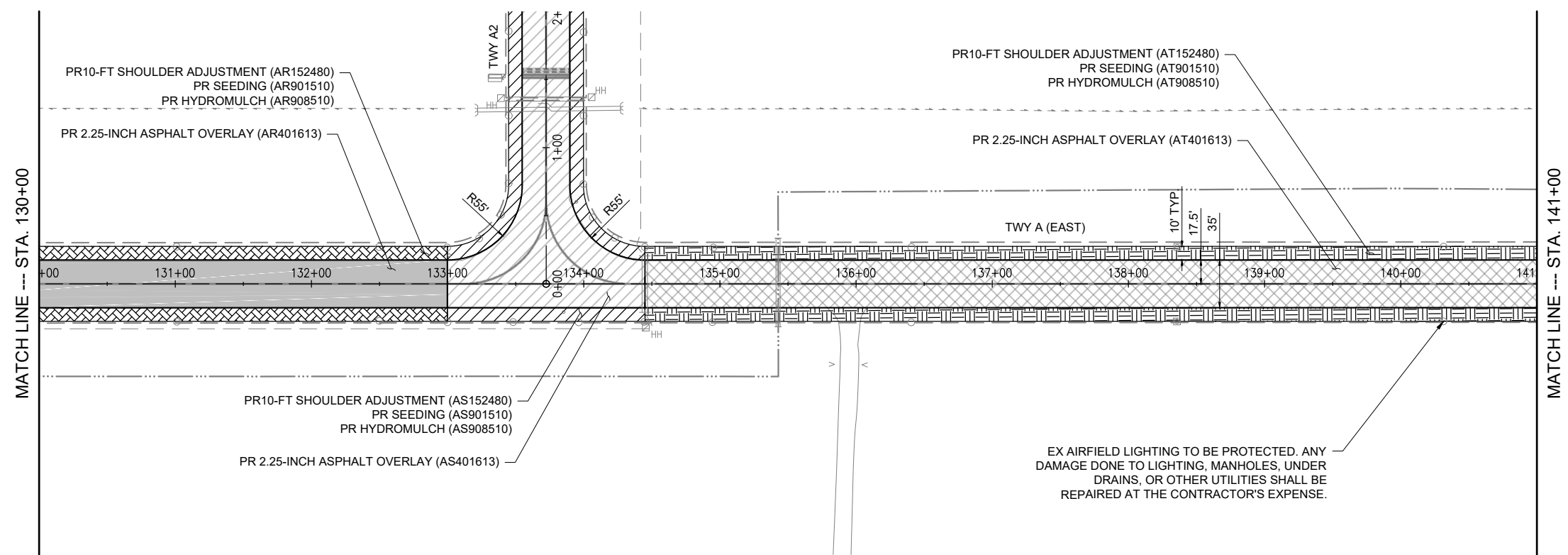
NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: 11/13/2020  
PROJECT NO: 20A0004  
CAD FILE: C-701-PNP.DWG  
DESIGN BY: MJD 08/19/2020  
DRAWN BY: HLE 08/20/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

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





REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

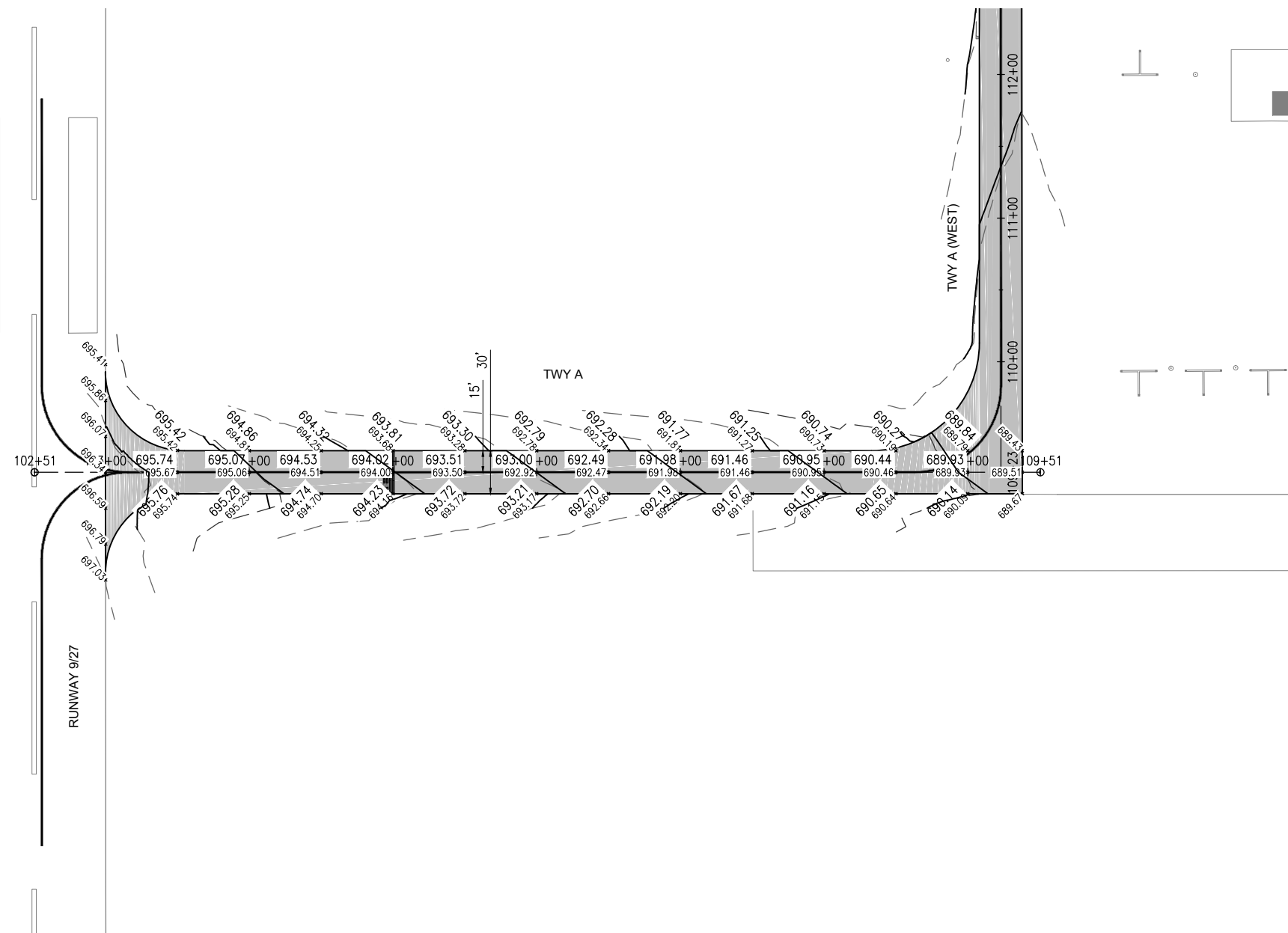
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PROJECT NO: 20A0004  
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DRAWN BY: HLE 08/20/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

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







REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

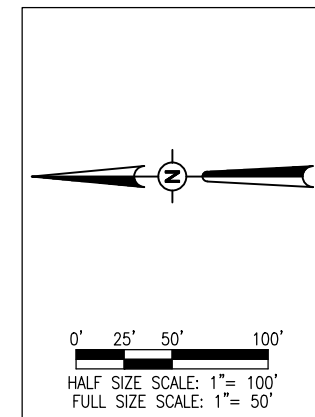
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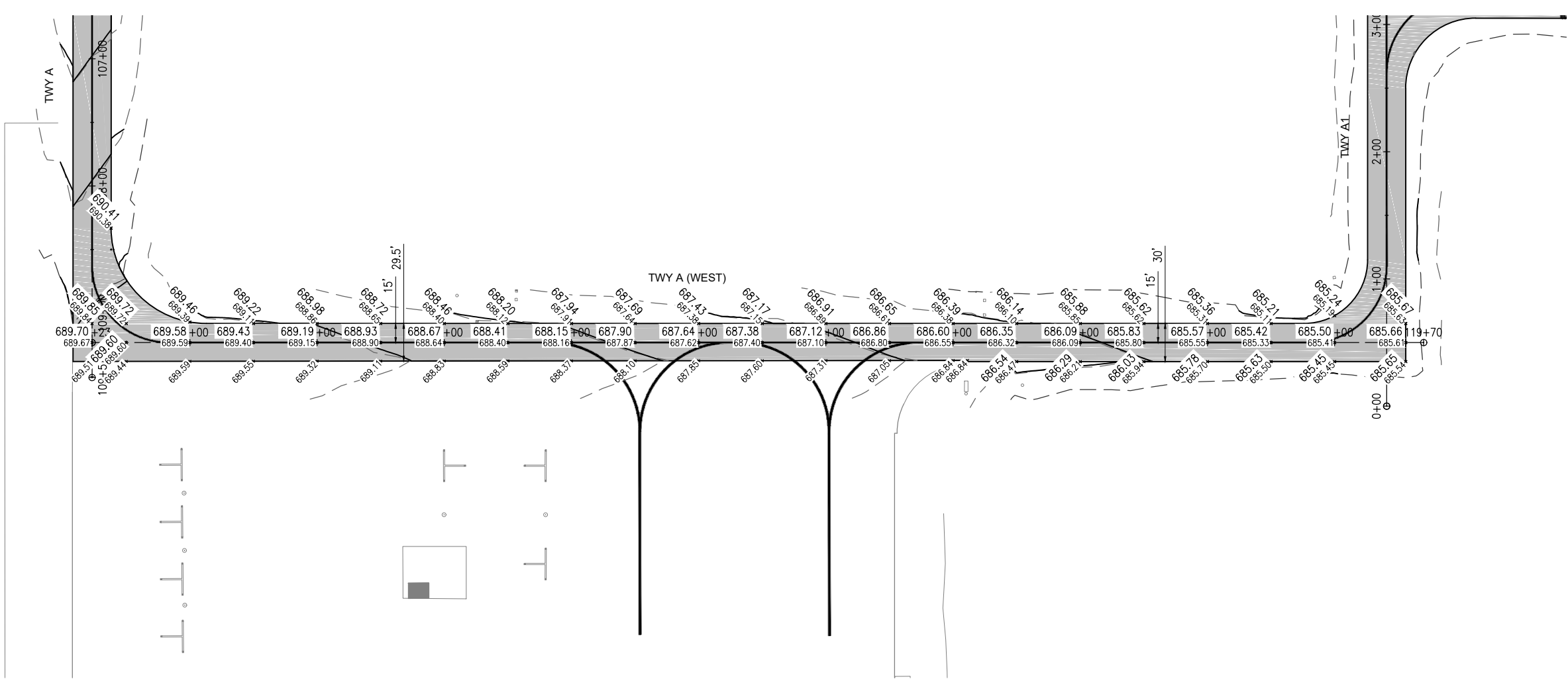
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PROJECT NO: 20A0004  
CAD FILE: C-102-STAKE.DWG  
DESIGN BY: MJD 08/19/2020  
DRAWN BY: HLE 08/20/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

PROPOSED STAKING  
PLAN - TWY A

EXISTING	PROPOSED	LEGEND
		BITUMINOUS PAVEMENT (BASE BID)
		BITUMINOUS PAVEMENT (ADD. ALT. 1)
		BITUMINOUS PAVEMENT (ADD. ALT. 2)
- - - - -		1-FOOT CONTOURS
*713.75	*713.75	ELEVATION





REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

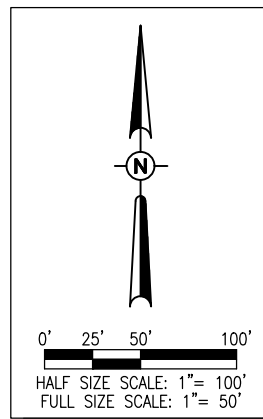
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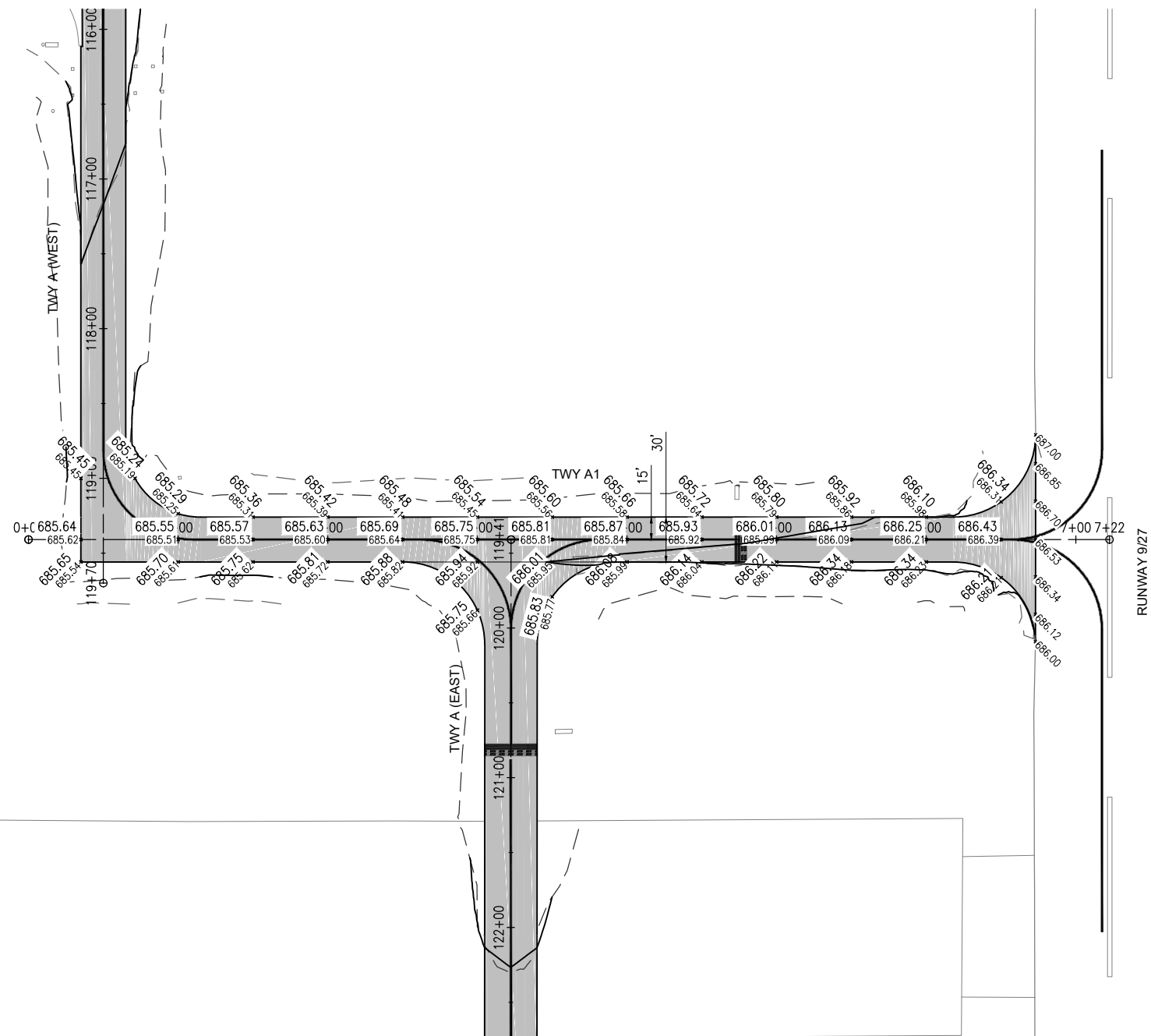
ISSUE: 11/13/2020  
PROJECT NO: 20A0004  
CAD FILE: C-102-STAKE.DWG  
DESIGN BY: MJD 08/19/2020  
DRAWN BY: HLE 08/20/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

PROPOSED STAKING  
PLAN - TWY A (WEST)

EXISTING	PROPOSED	LEGEND
		BITUMINOUS PAVEMENT (BASE BID)
		BITUMINOUS PAVEMENT (ADD. ALT. 1)
		BITUMINOUS PAVEMENT (ADD. ALT. 2)
- - - - -		1-FOOT CONTOURS
*713.75	*713.75	ELEVATION





REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

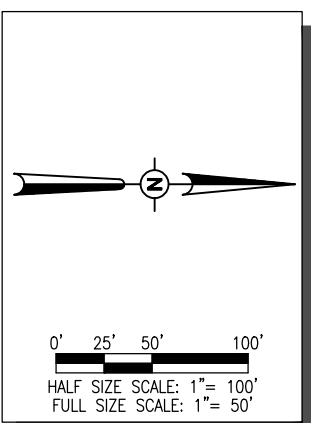

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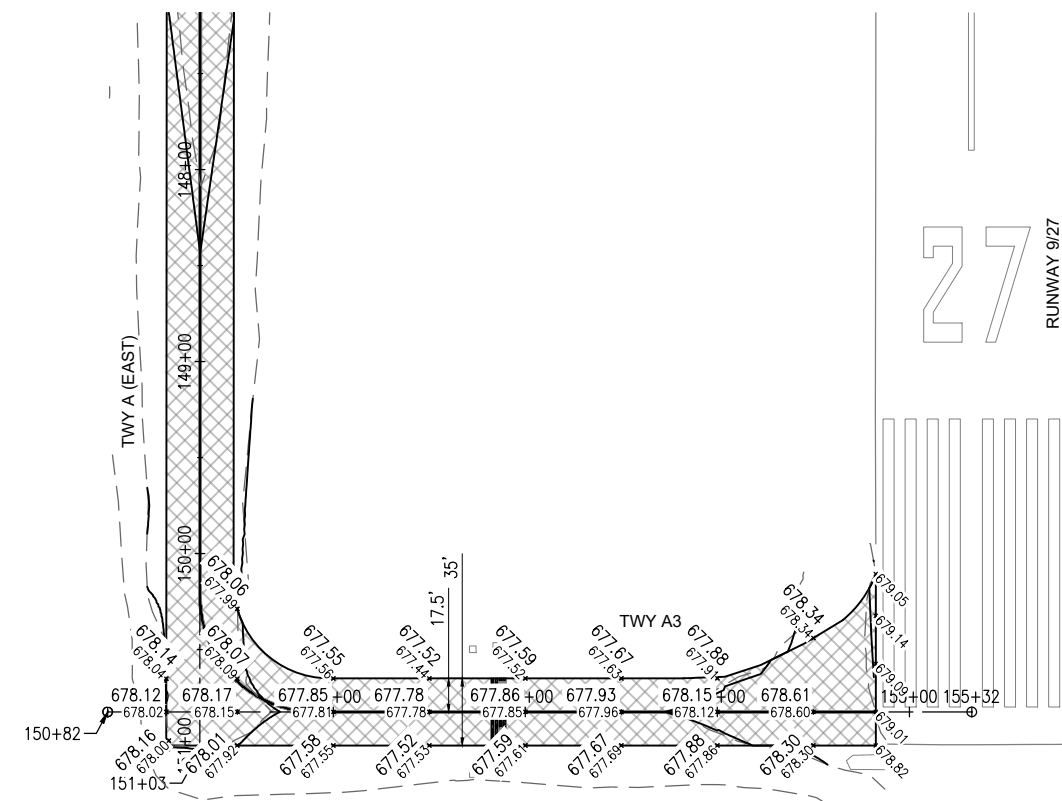
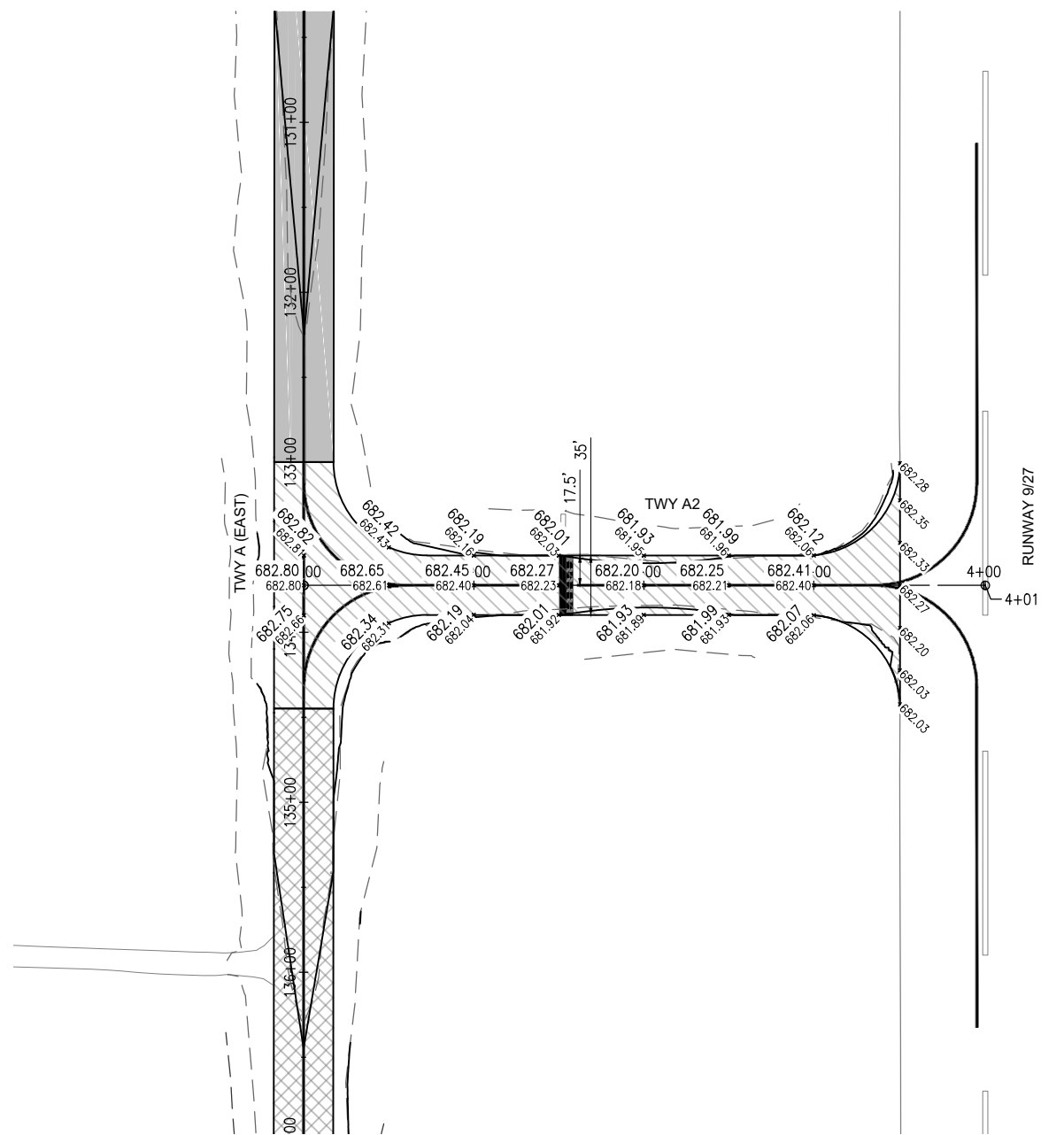
ISSUE: 11/13/2020  
PROJECT NO: 20A0004  
CAD FILE: C-102-STAKE.DWG  
DESIGN BY: MJD 08/19/2020  
DRAWN BY: HLE 08/20/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

PROPOSED STAKING  
PLAN - TWY A1

EXISTING	PROPOSED	LEGEND
		BITUMINOUS PAVEMENT (BASE BID)
		BITUMINOUS PAVEMENT (ADD. ALT. 1)
		BITUMINOUS PAVEMENT (ADD. ALT. 2)
- - - - -	735	1-FOOT CONTOURS
*713.75	*713.75	ELEVATION





REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

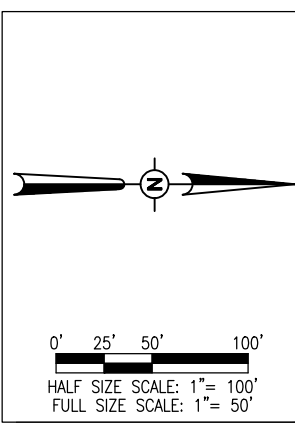
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ISSUE: 11/13/2020  
PROJECT NO: 20A0004  
CAD FILE: C-102-STAKE.DWG  
DESIGN BY: MJD 08/19/2020  
DRAWN BY: HLE 08/20/2020  
REVIEWED BY: LDH 11/12/2020

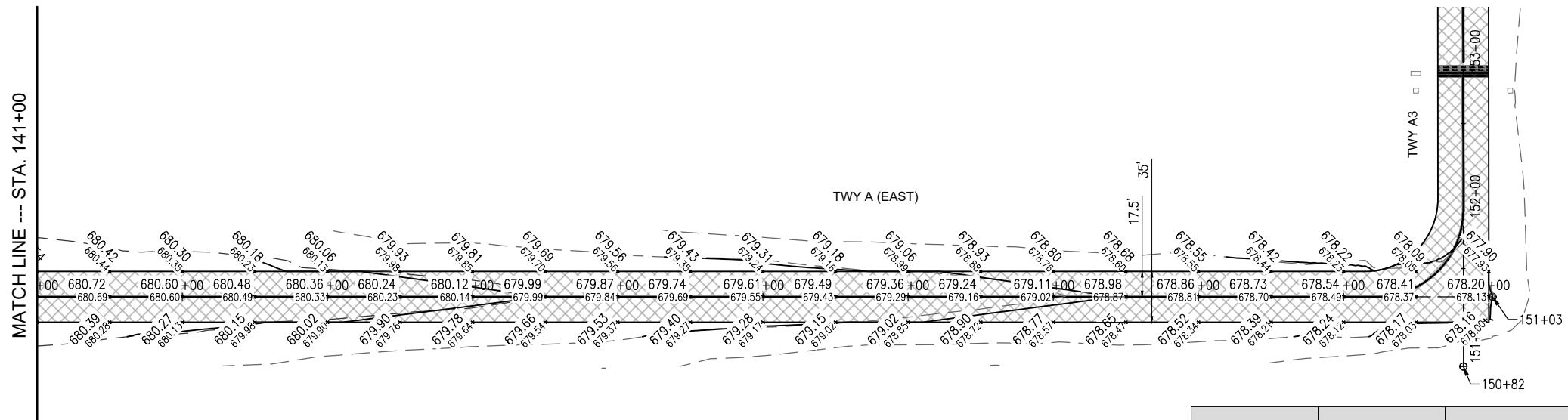
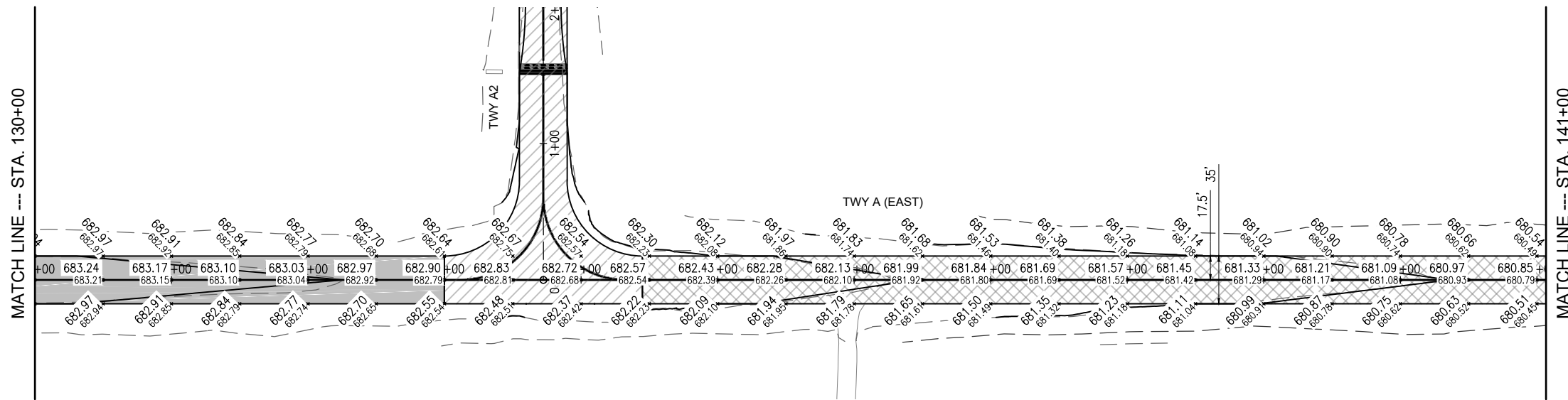
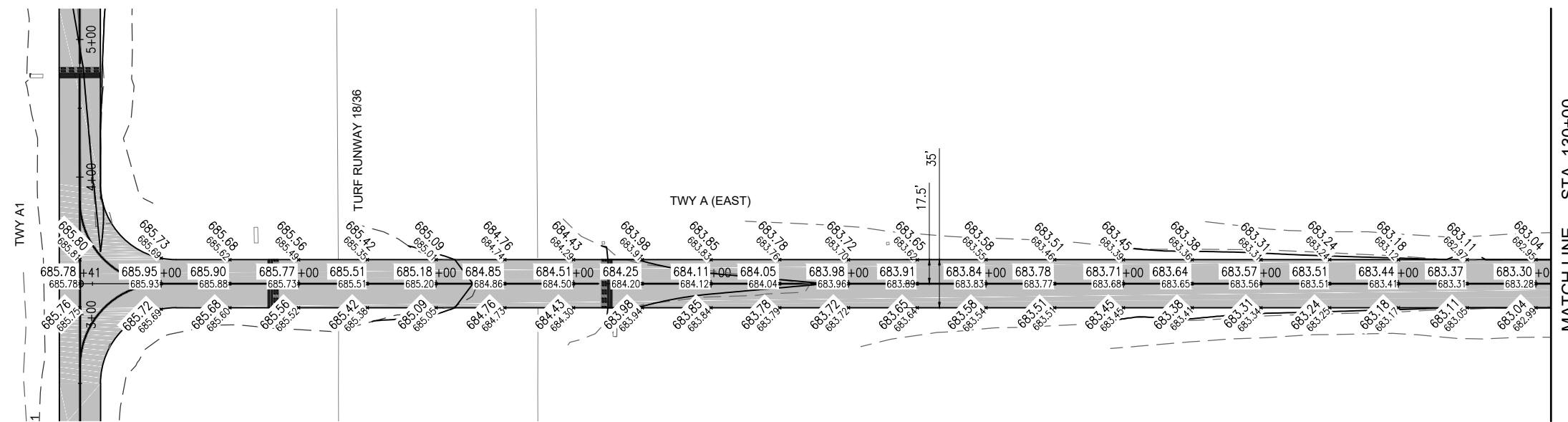
SHEET TITLE

PROPOSED STAKING  
PLAN - TWY A2 & A3

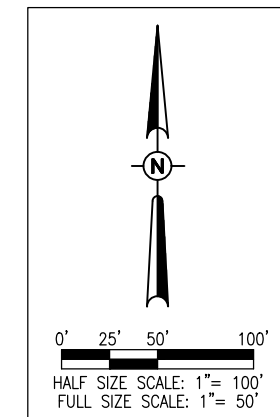
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		BITUMINOUS PAVEMENT (ADD. ALT. 1)
		BITUMINOUS PAVEMENT (ADD. ALT. 2)
- - - - -	735	1-FOOT CONTOURS
*713.75	*713.75	ELEVATION







EXISTING	PROPOSED	LEGEND
		BITUMINOUS PAVEMENT (BASE BID)
		BITUMINOUS PAVEMENT (ADD. ALT. 1)
		BITUMINOUS PAVEMENT (ADD. ALT. 2)
- - -	- - -	1-FOOT CONTOURS
*713.75	*713.75	ELEVATION



REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

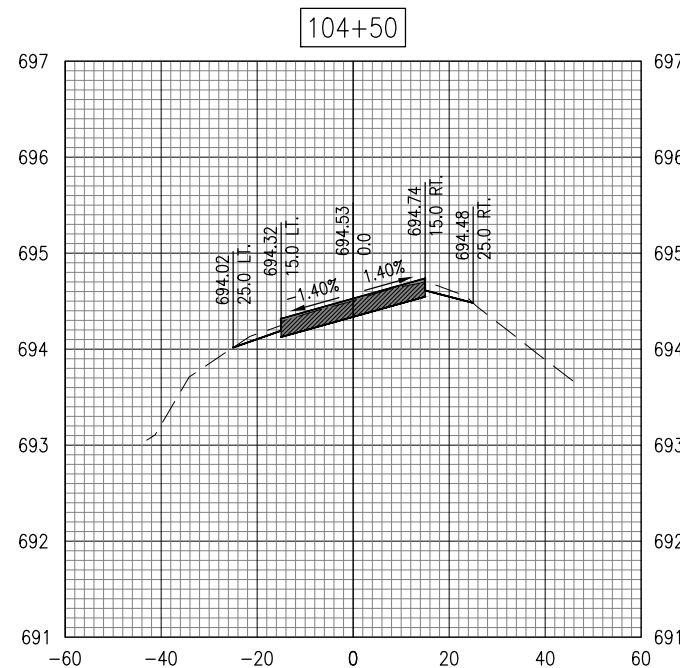
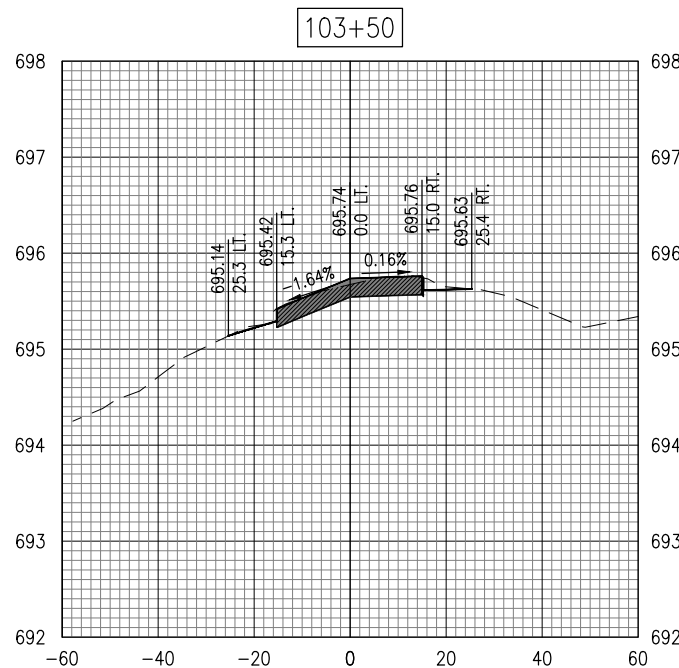
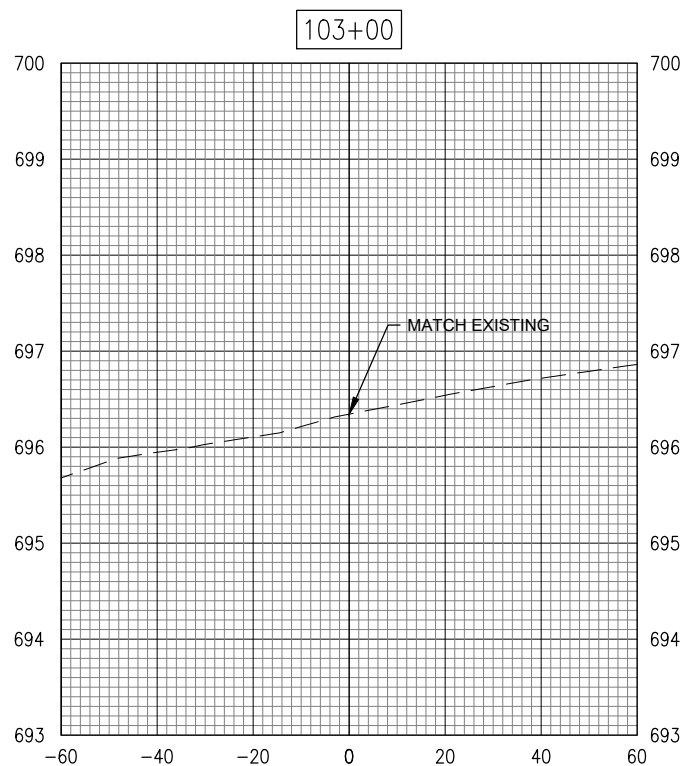
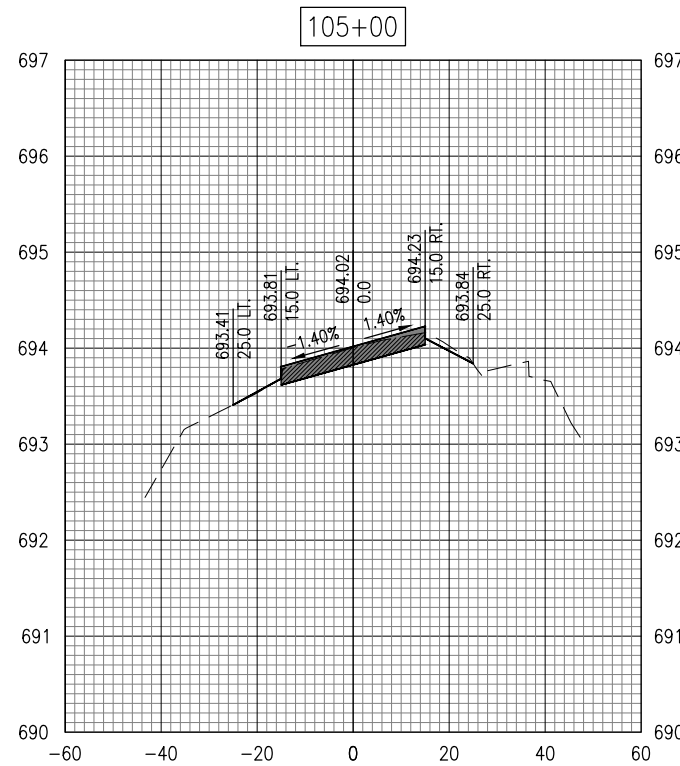
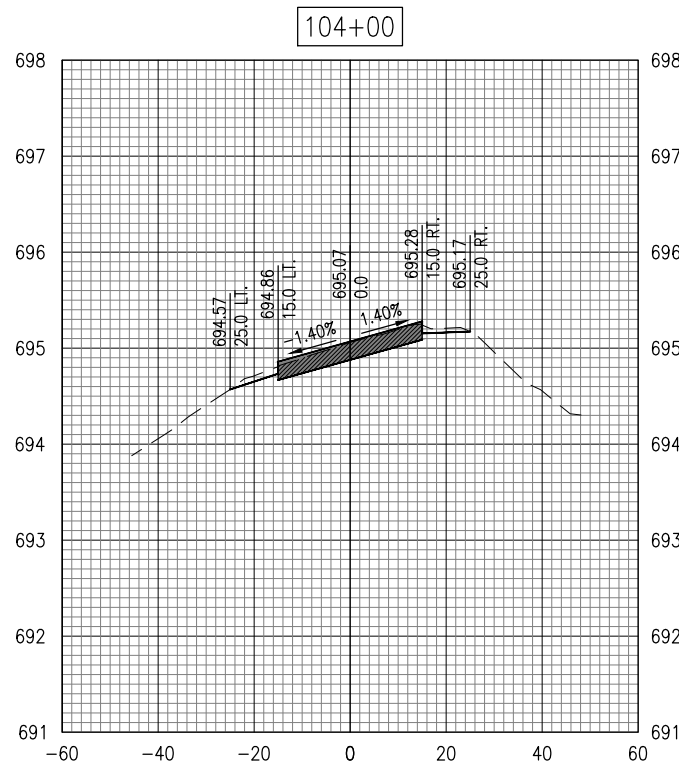
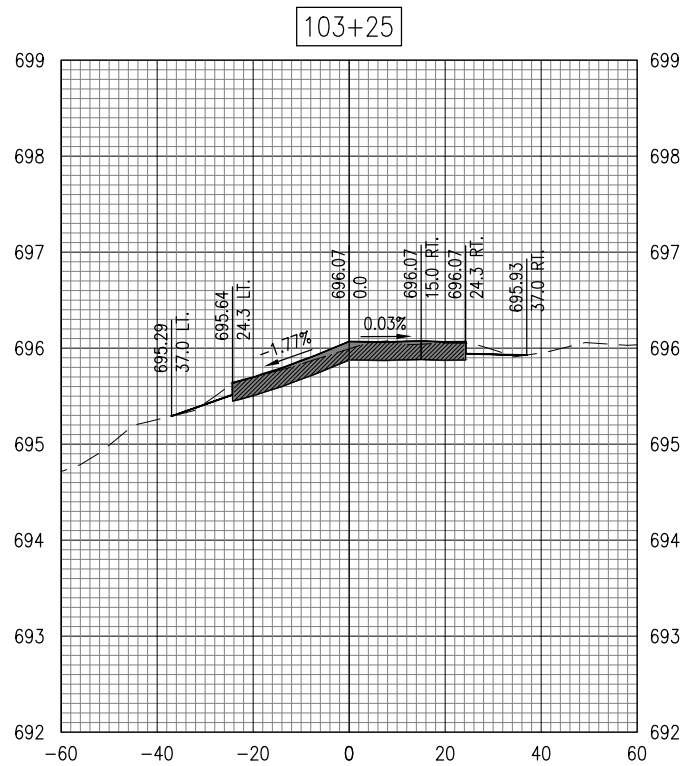
ISSUE: 11/13/2020  
PROJECT NO: 20A0004  
CAD FILE: C-102-STAKE.DWG  
DESIGN BY: MJD 08/19/2020  
DRAWN BY: HLE 08/20/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

PROPOSED STAKING  
PLAN - TWY A (EAST)



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



REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

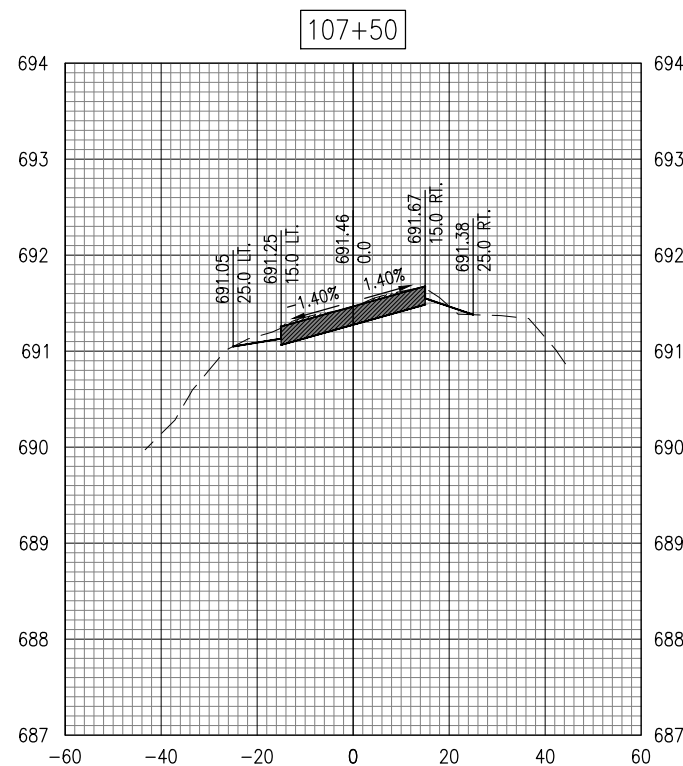
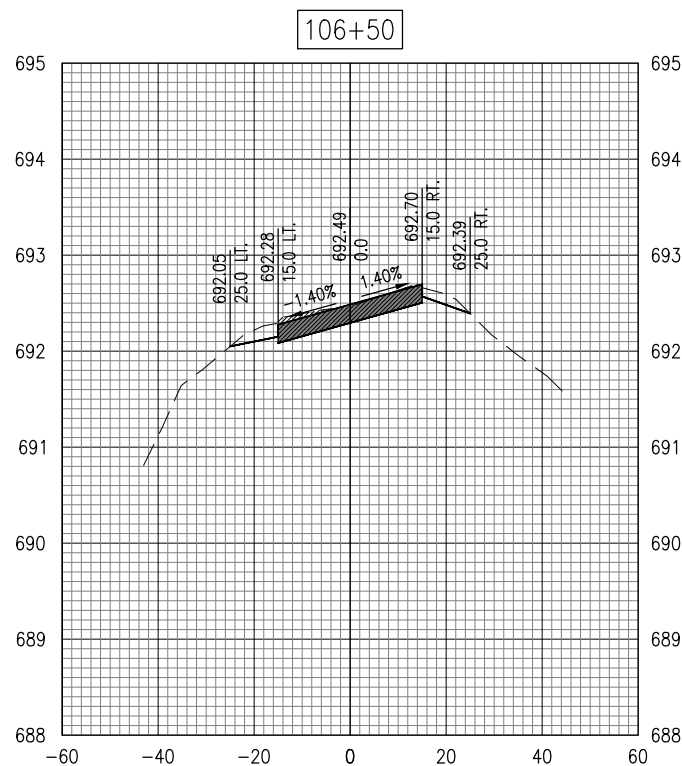
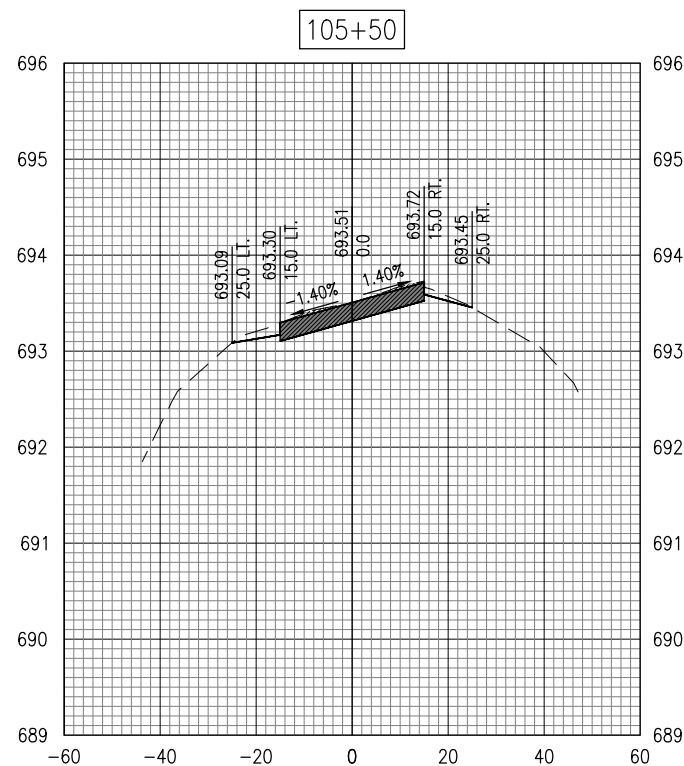
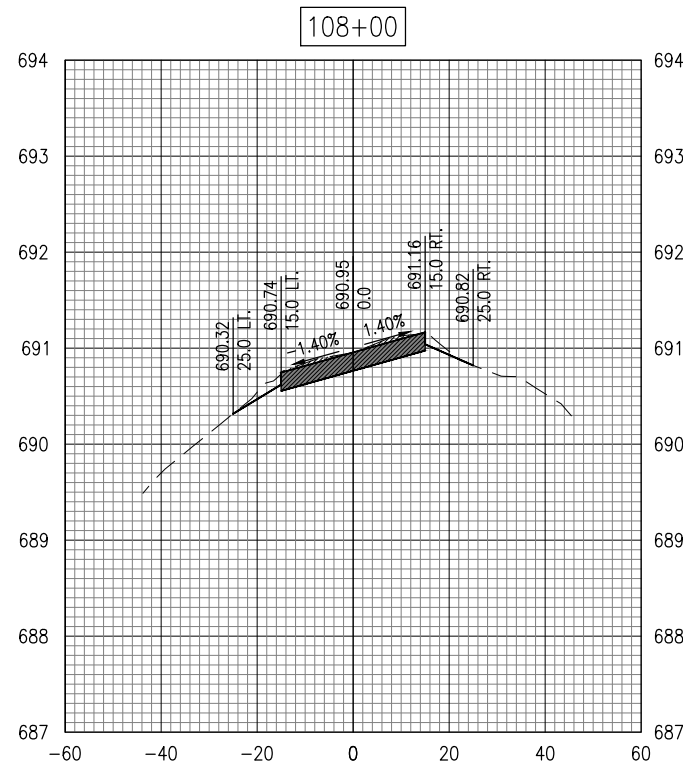
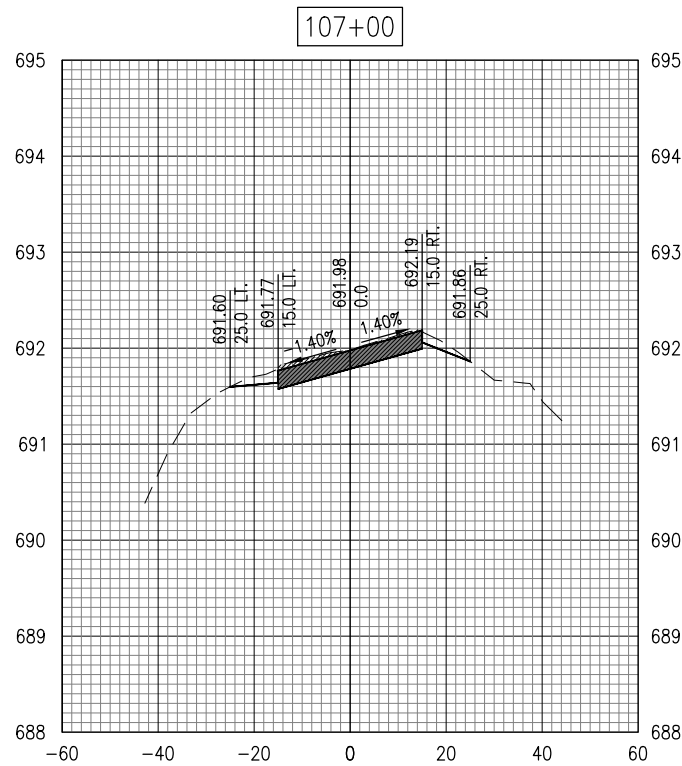
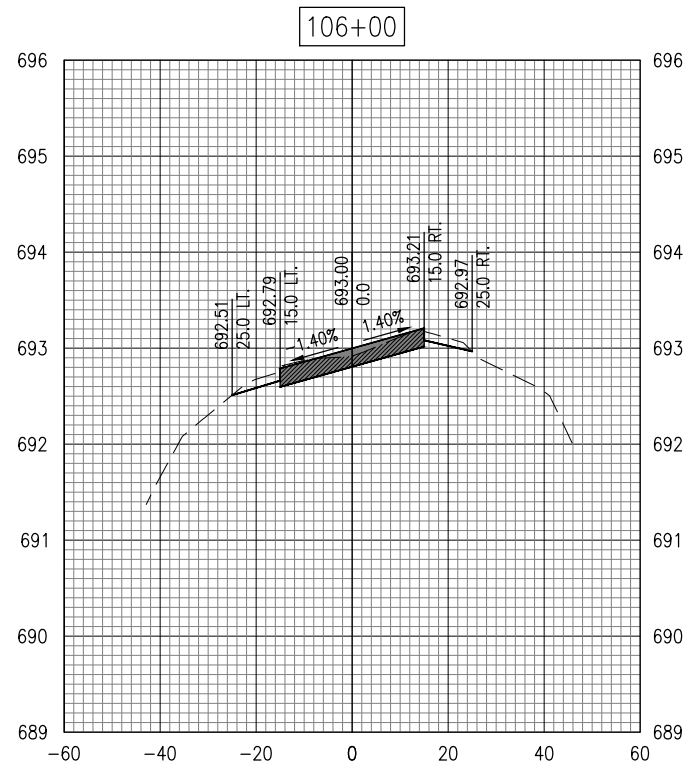

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

SHEET TITLE

TWY A  
CROSS-SECTIONS -  
103+00 - 105+00



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



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-302-XS.DWG  
DESIGN BY: MJD 09/02/2020  
DRAWN BY: MJD 09/02/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

TWY A  
CROSS-SECTIONS -  
105+50 - 108+00

EXISTING	PROPOSED	LEGEND
---	---	SURFACE
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	▨	BIT. PAVEMENT MILLING (VARIABLE)



Engineering | Architecture | Planning | Allied Services

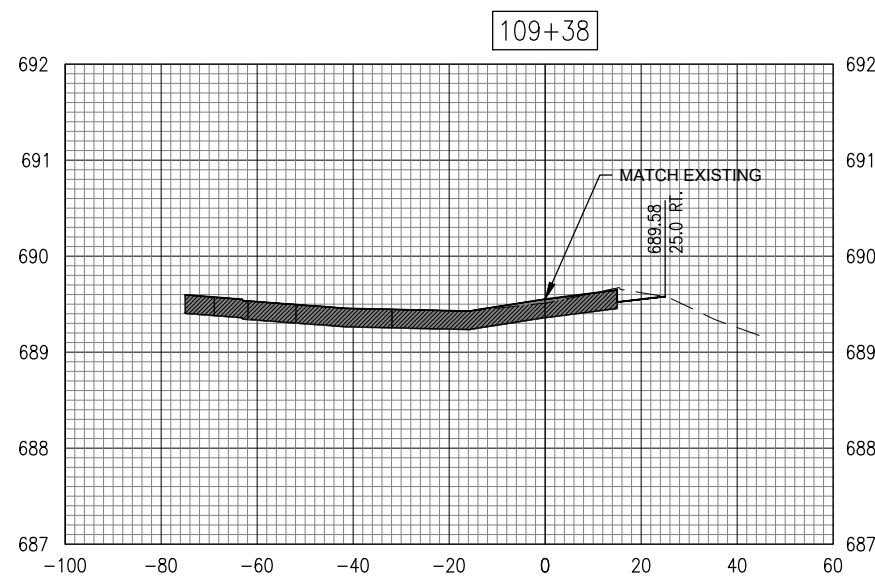
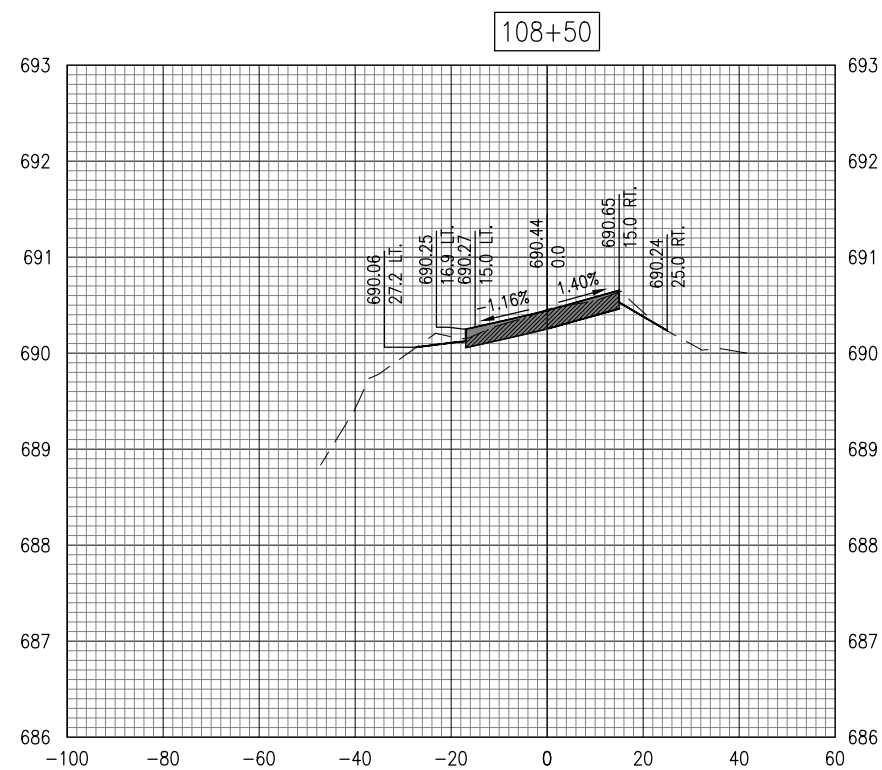
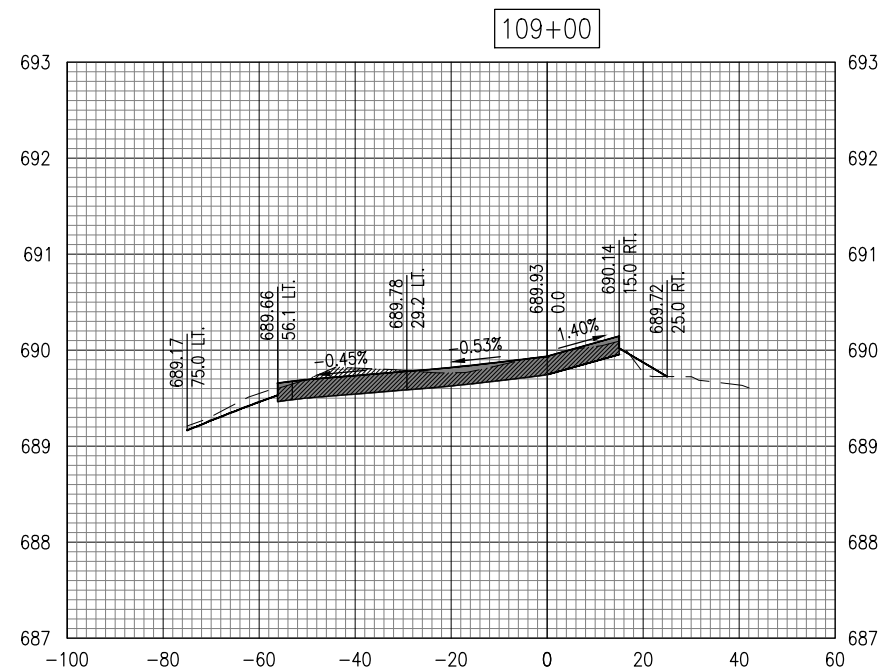
Offices Nationwide  
www.hanson-inc.com

Hanson Professional Services Inc.  
1525 S. 6th Street  
Springfield, IL 62568  
phone: 217-788-2450  
fax: 217-788-2503

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Professional Service Corporation  
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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 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-302-XS.DWG  
DESIGN BY: MJD 09/02/2020  
DRAWN BY: MJD 09/02/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

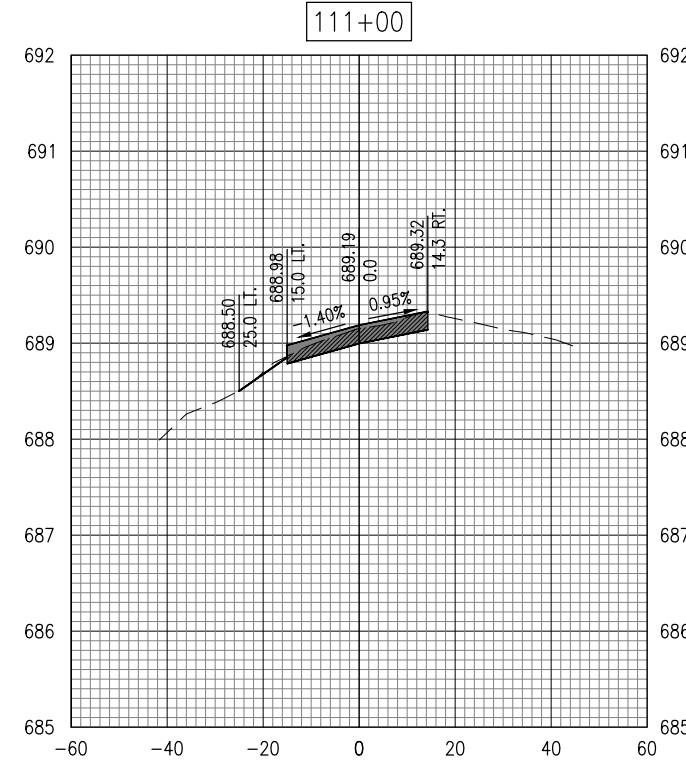
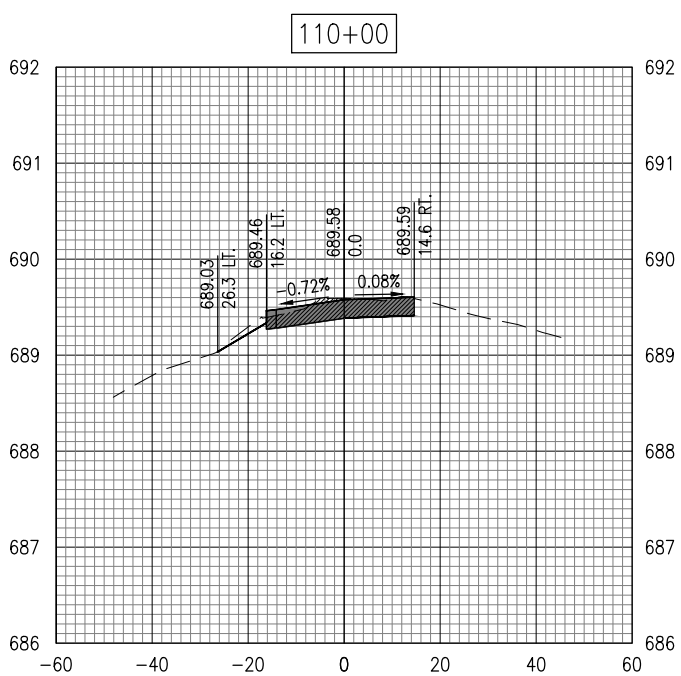
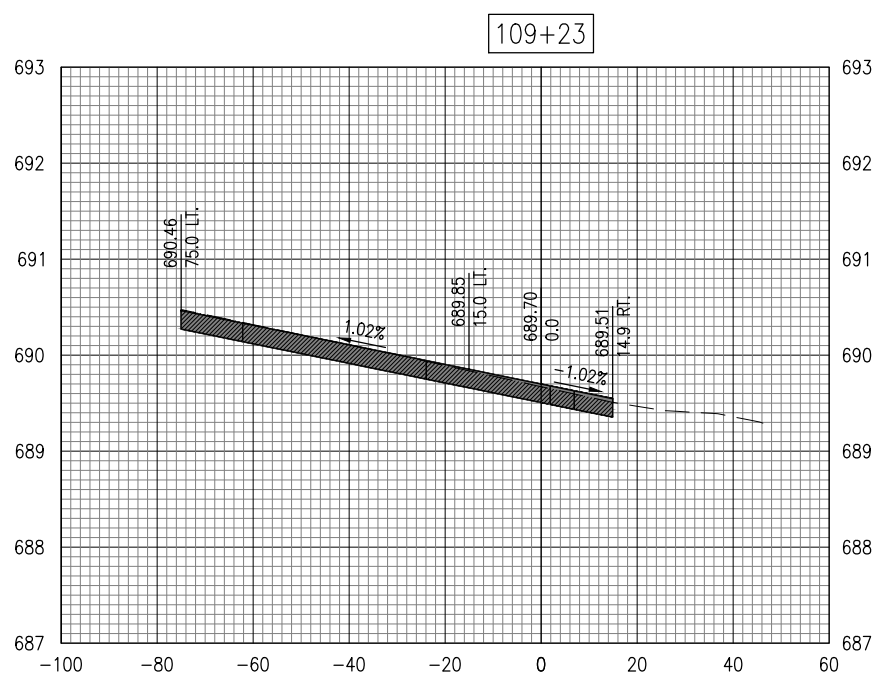
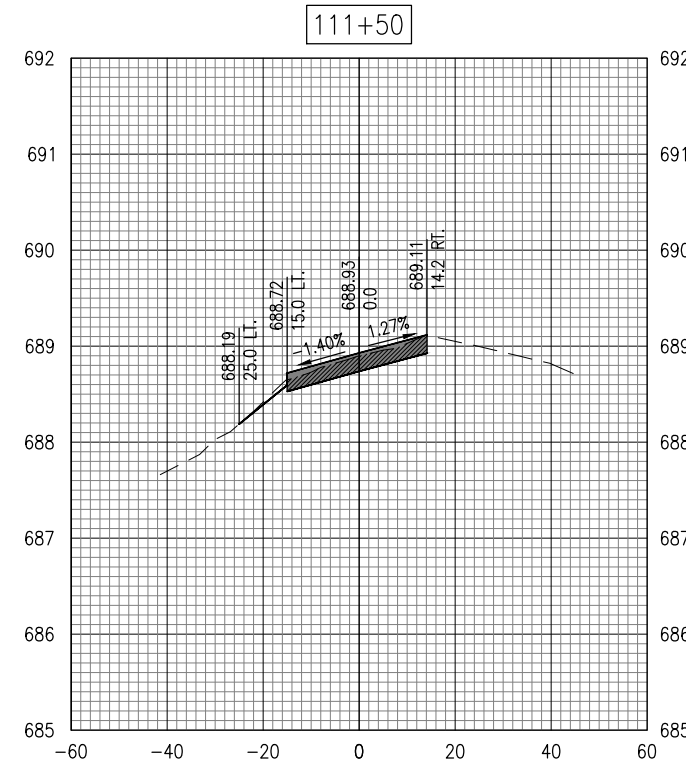
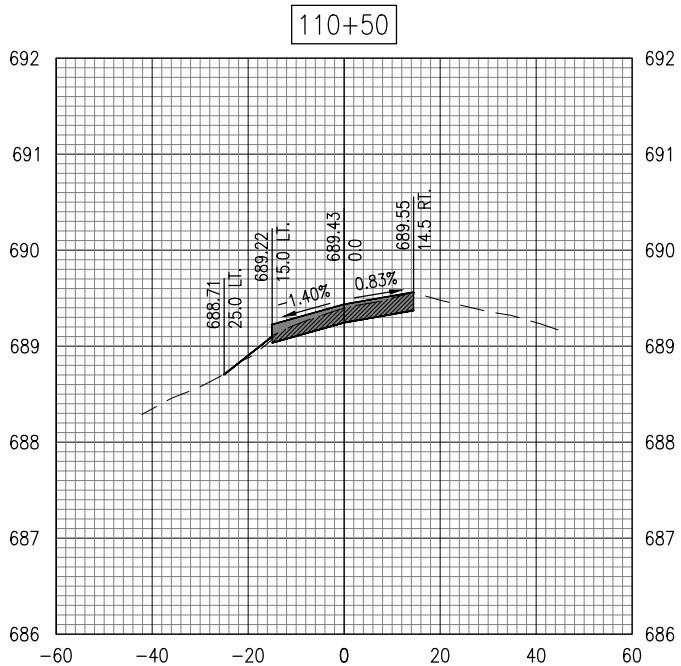
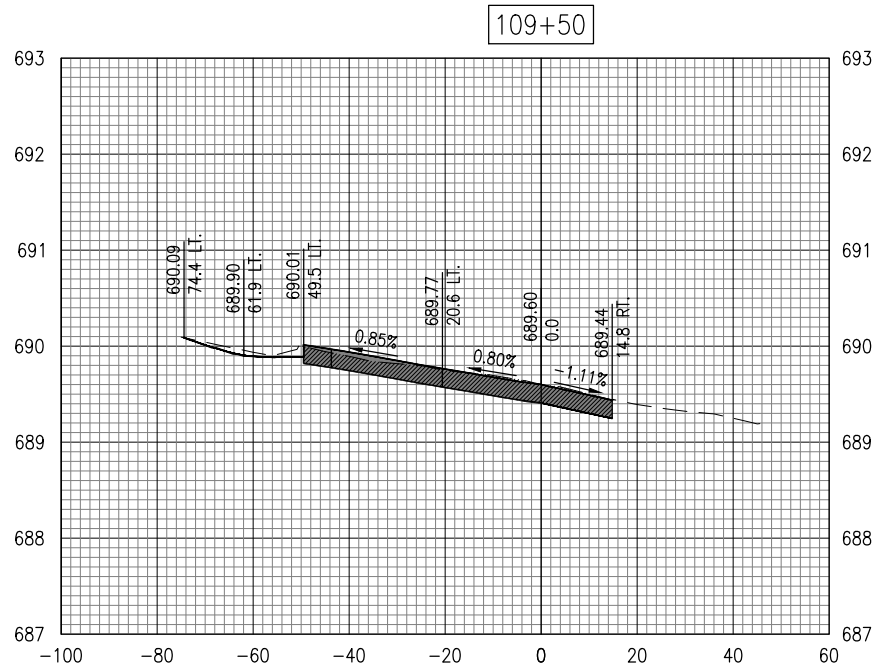
TWY A  
CROSS-SECTIONS -  
108+50 - 109+38

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



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-302-XS.DWG

DESIGN BY: MJD 09/02/2020

DRAWN BY: MJD 09/02/2020

REVIEWED BY: LDH 11/12/2020

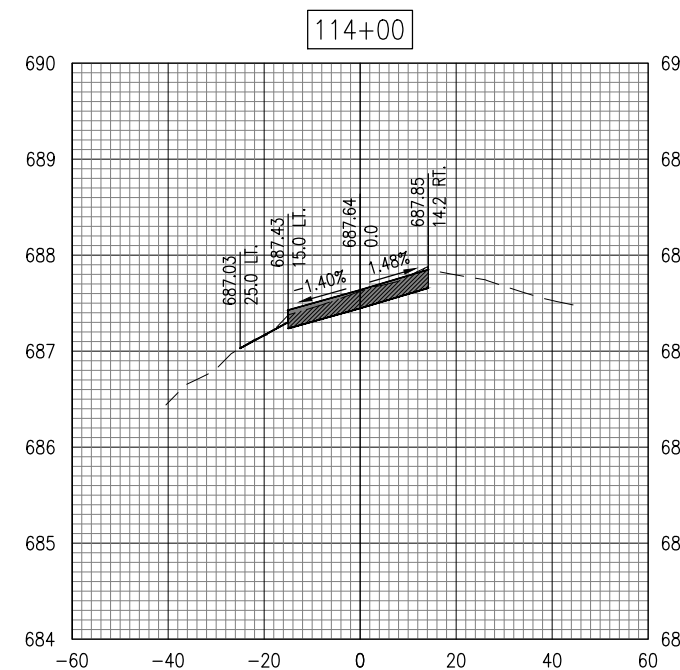
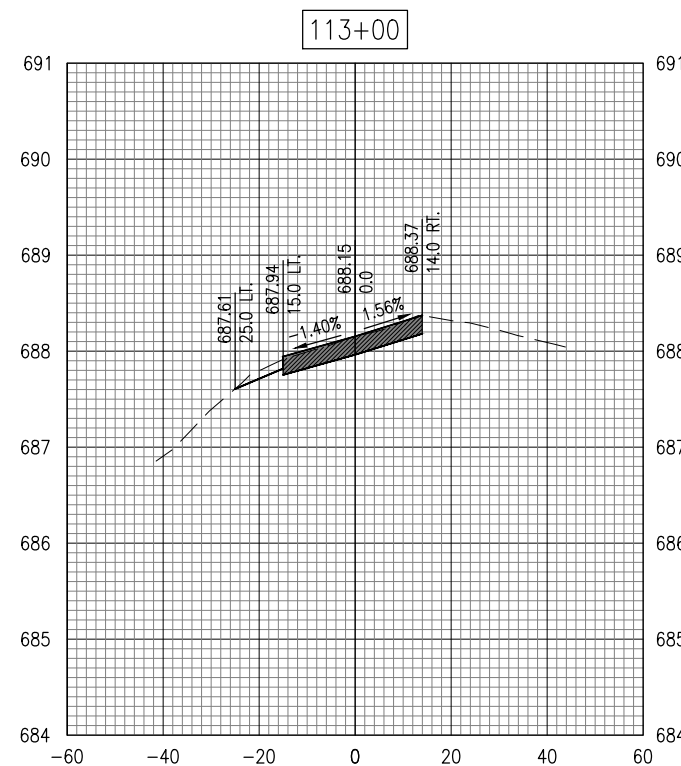
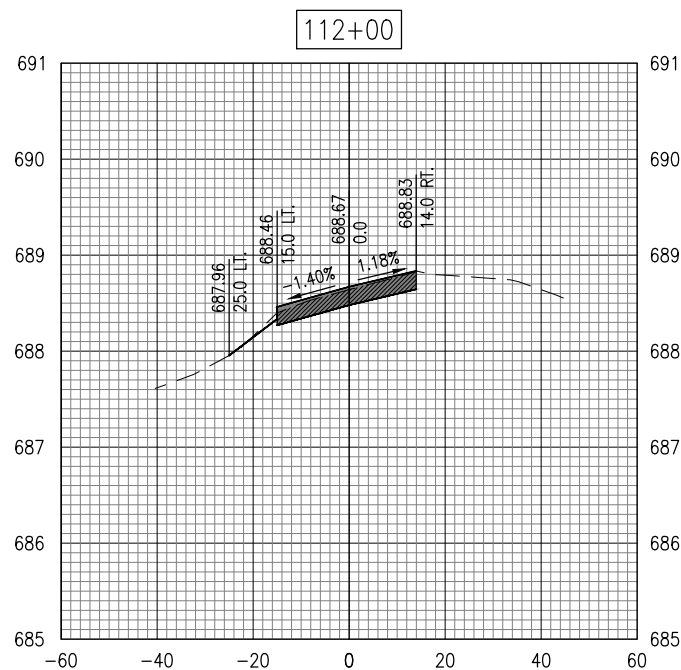
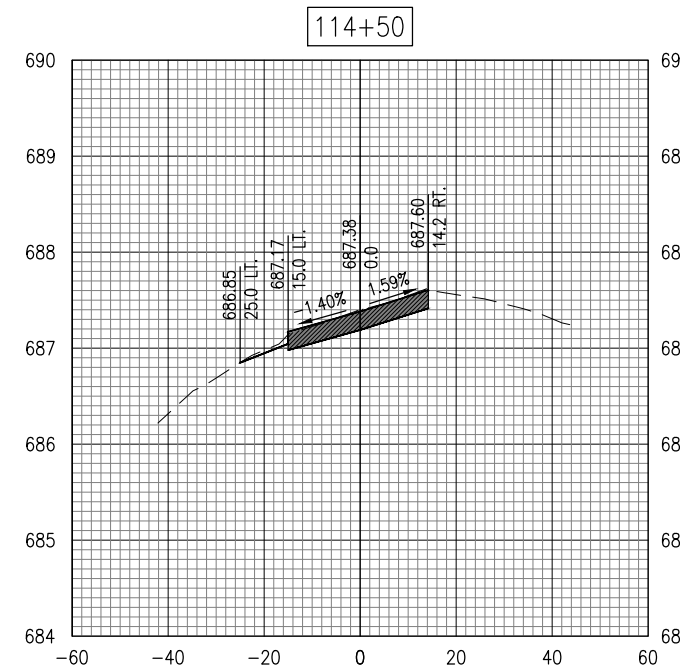
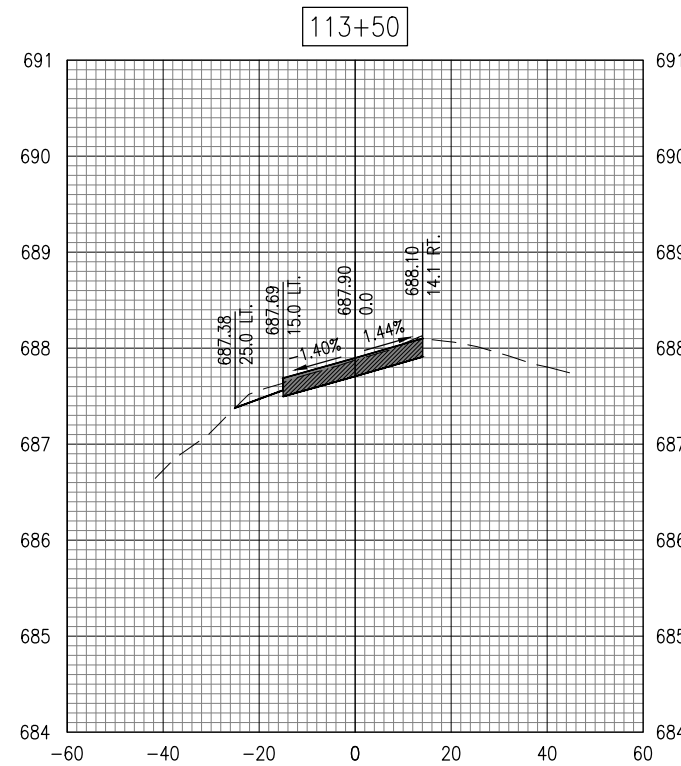
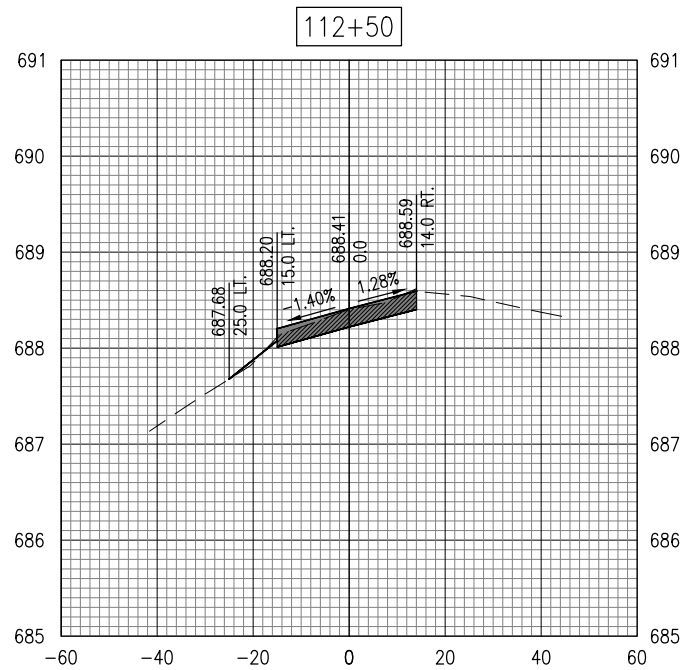
SHEET TITLE

TWY A (WEST)  
CROSS-SECTIONS -  
109+23 - 111+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 TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

NO.	DATE	DESCRIPTION

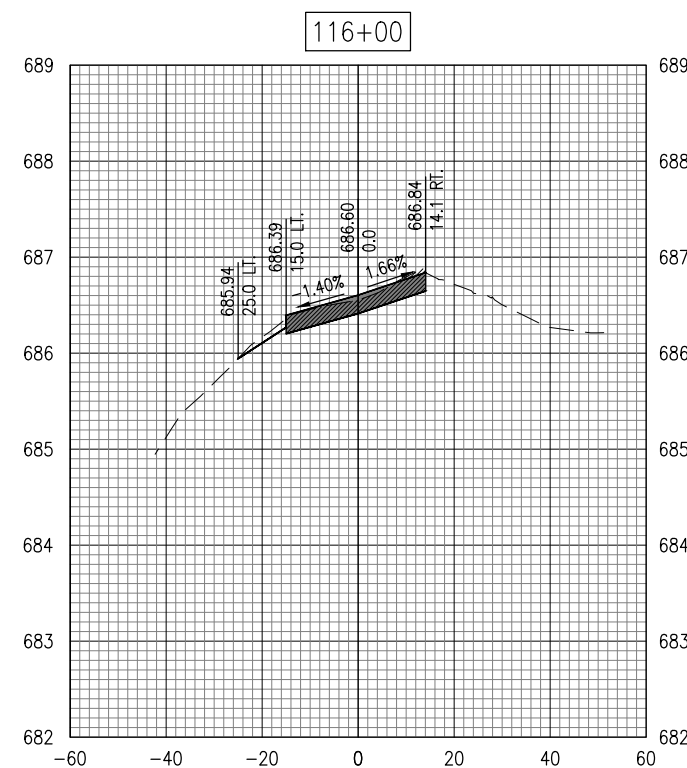
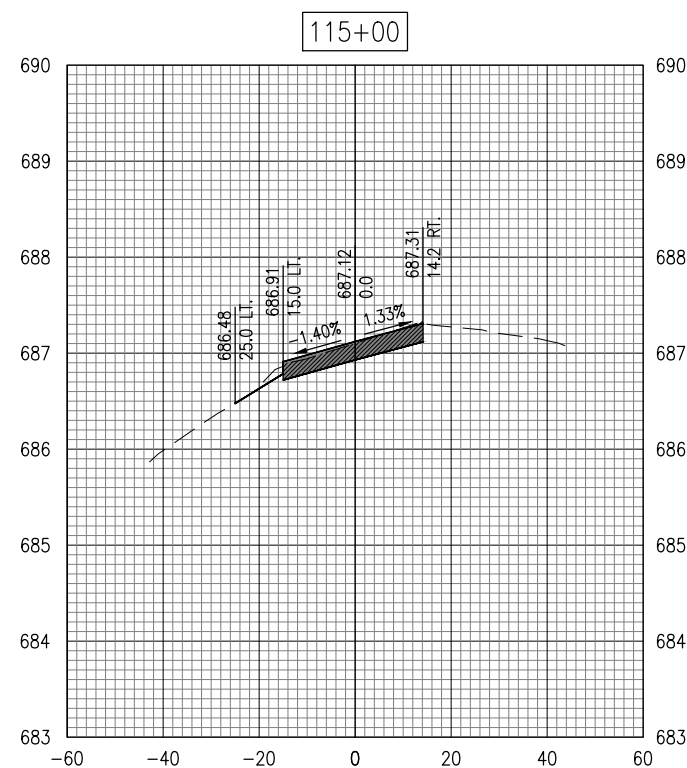
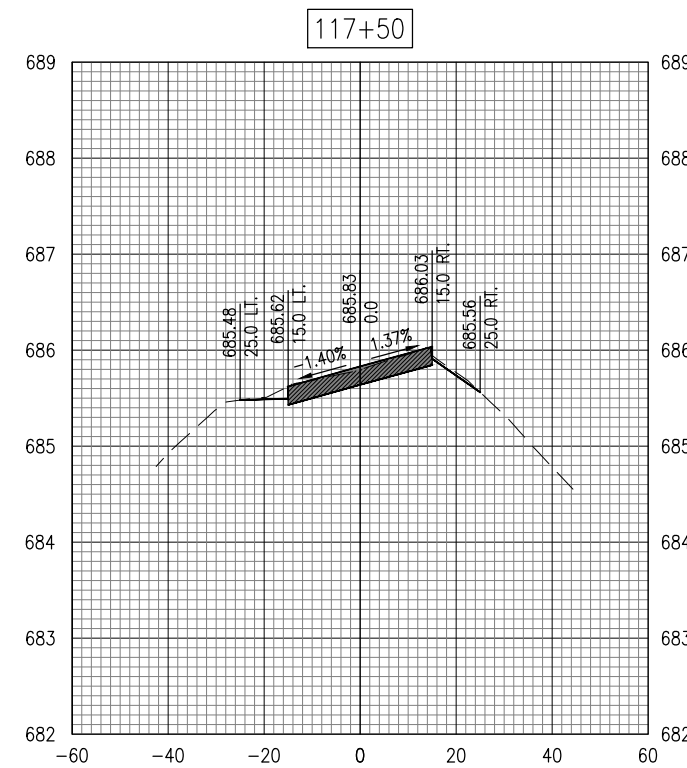
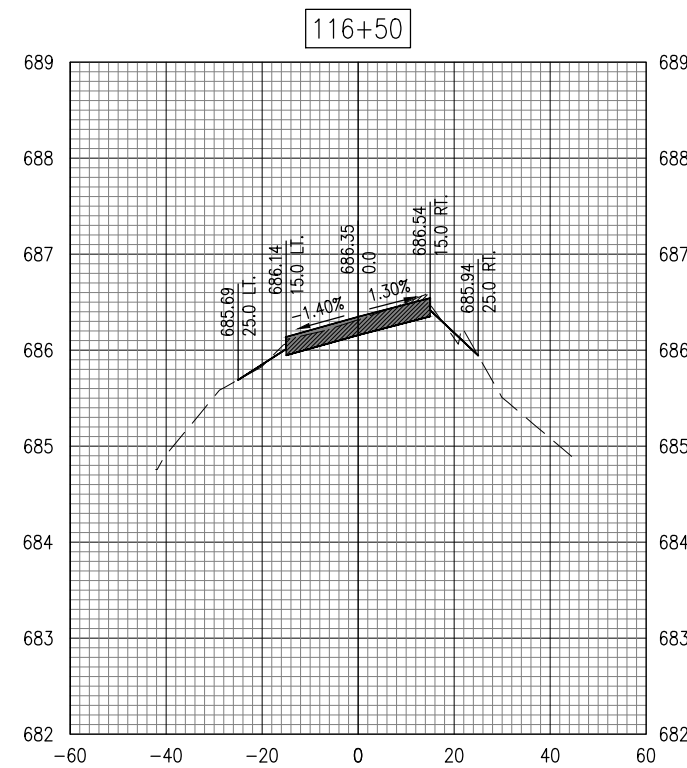
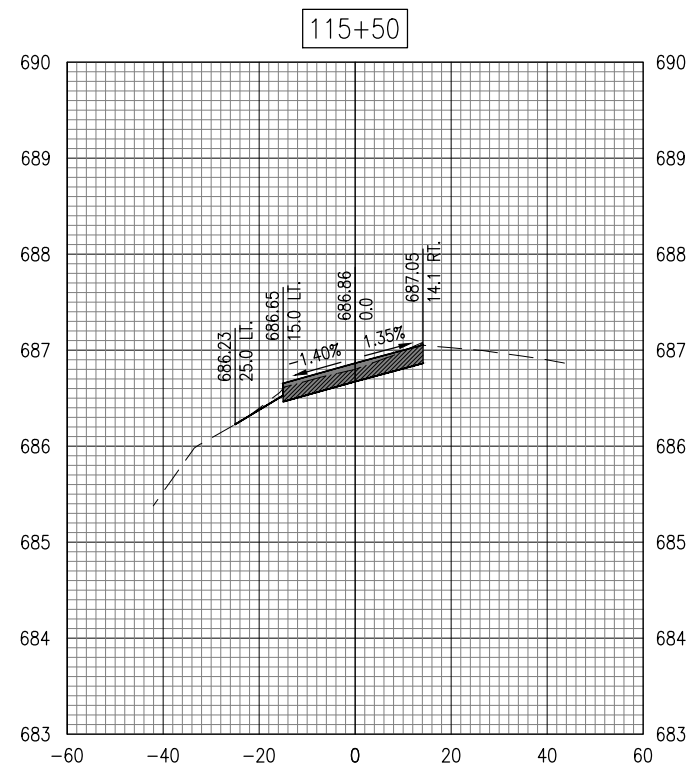
NO.	DATE	DESCRIPTION

SHEET TITLE

TWY A (WEST)  
CROSS-SECTIONS -  
112+00 - 114+50



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



REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

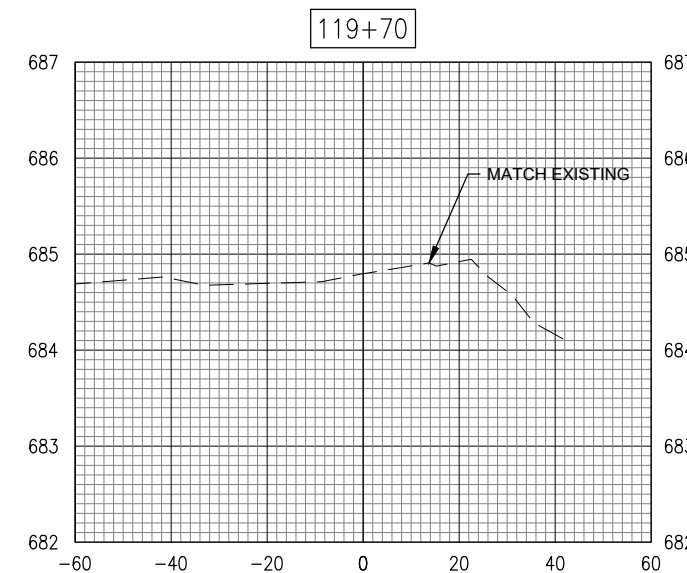
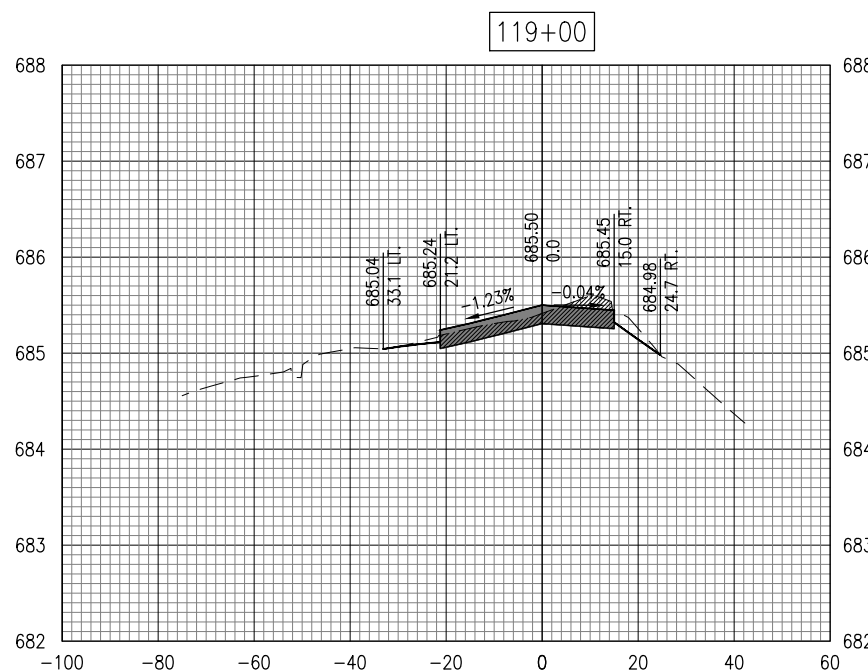
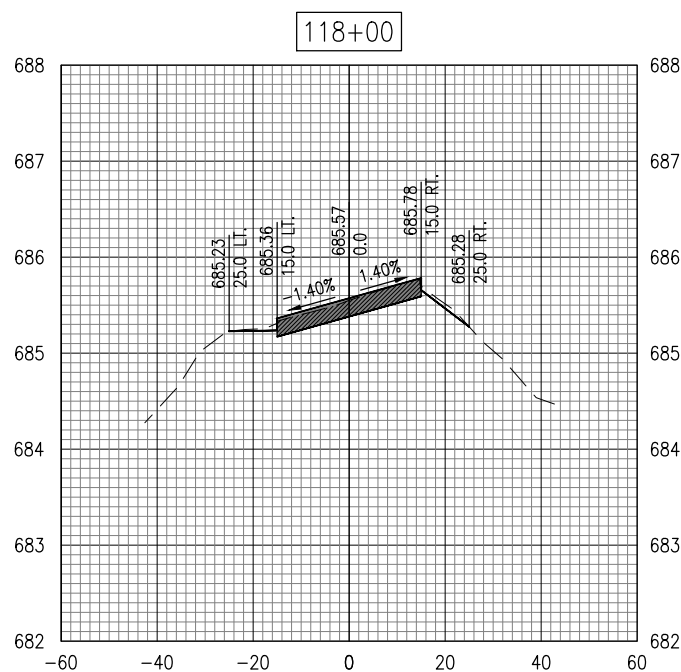
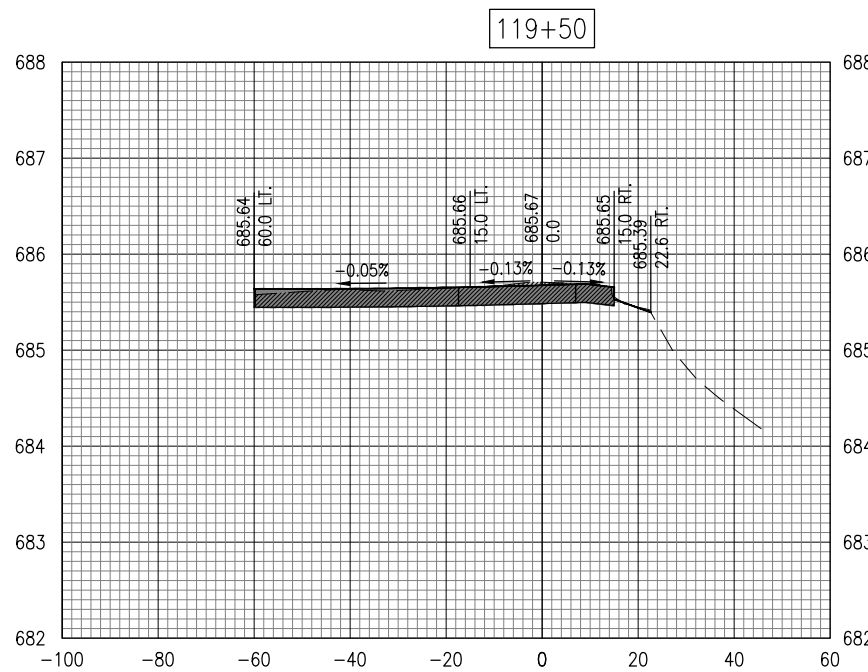
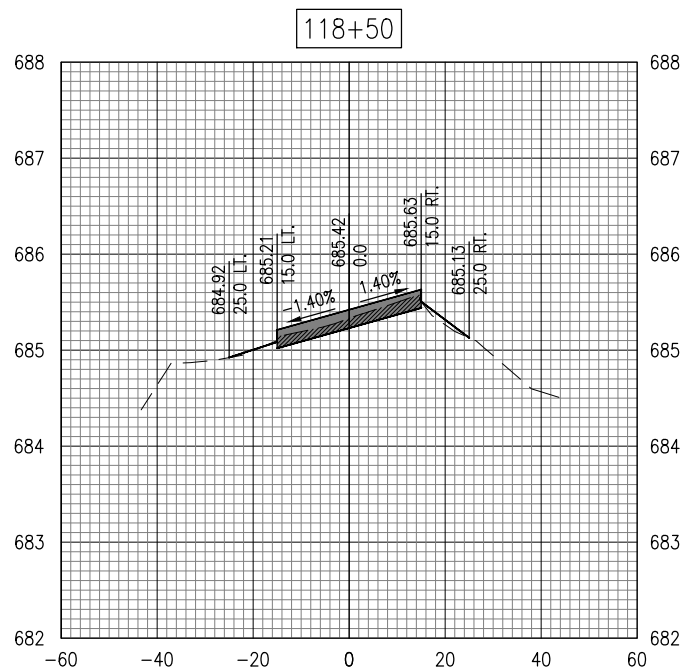
ISSUE: 11/13/2020  
PROJECT NO: 20A0004  
CAD FILE: C-302-XS.DWG  
DESIGN BY: MJD 09/02/2020  
DRAWN BY: MJD 09/02/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

TWY A (WEST)  
CROSS-SECTIONS -  
115+00 - 117+50



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



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-302-XS.DWG  
DESIGN BY: MJD 09/02/2020  
DRAWN BY: MJD 09/02/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

TWY A (WEST)  
CROSS-SECTIONS -  
118+00 - 119+70



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



Engineering | Architecture | Planning | Allied Services

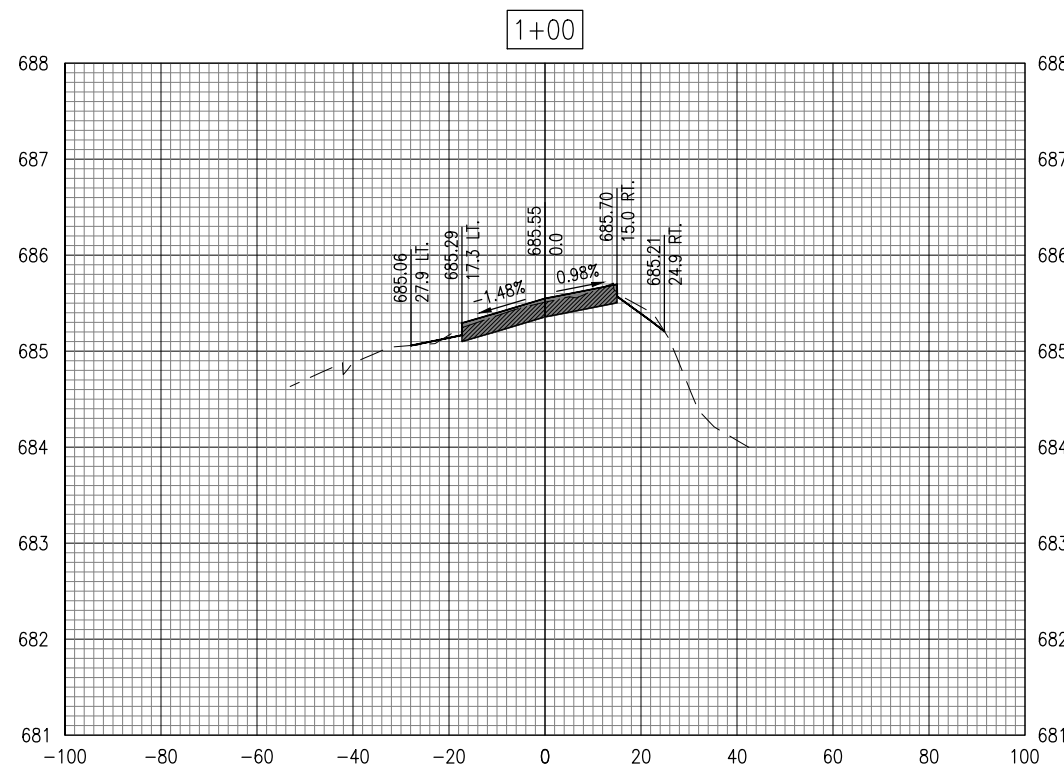
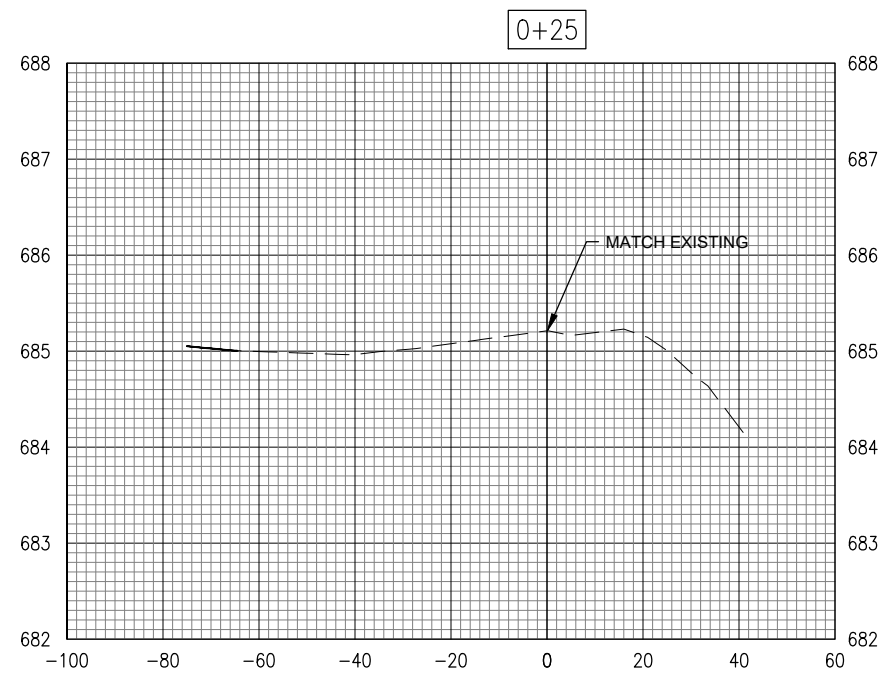
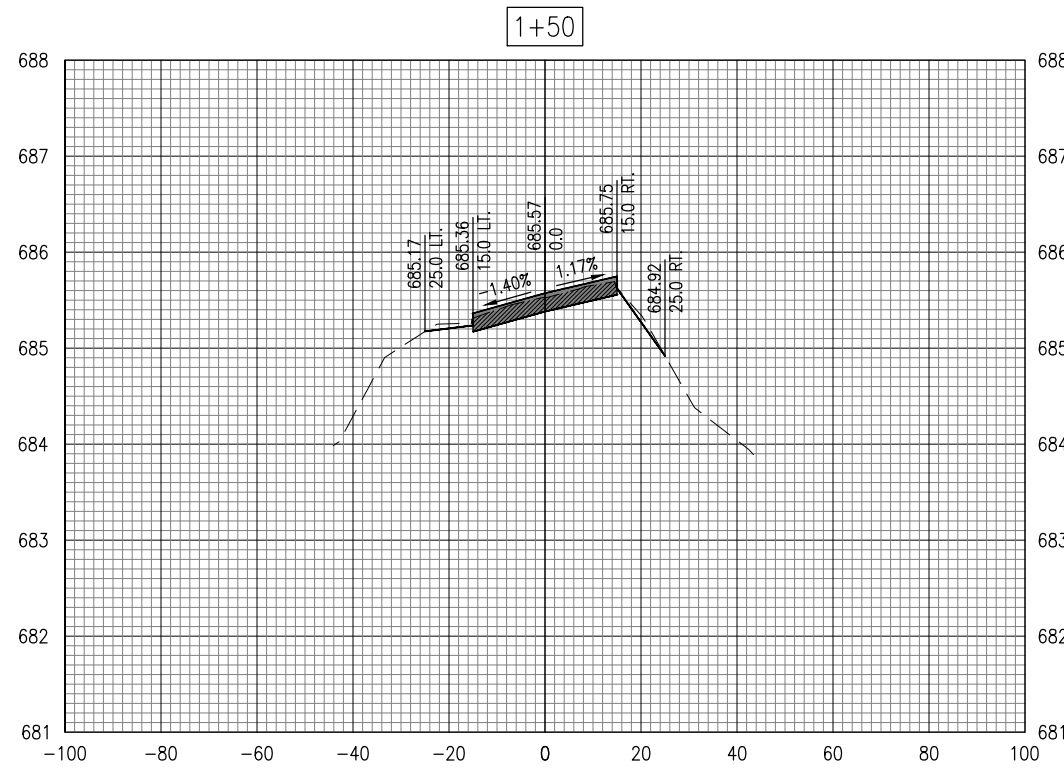
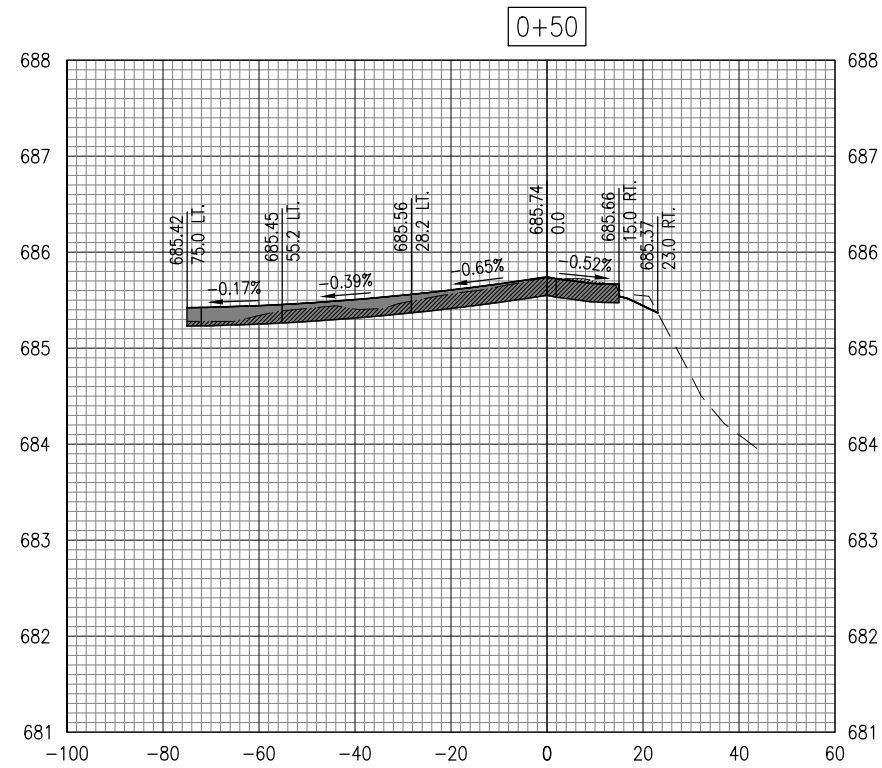
Offices Nationwide  
www.hanson-inc.com

Hanson Professional Services Inc.  
1525 S. 6th Street  
Springfield, IL 62568  
phone: 217-788-2450  
fax: 217-788-2503

Illinois Licensed  
Professional Service Corporation  
#184-001084



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



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-302-XS.DWG  
DESIGN BY: MJD 09/02/2020  
DRAWN BY: MJD 09/02/2020  
REVIEWED BY: LDH 11/12/2020

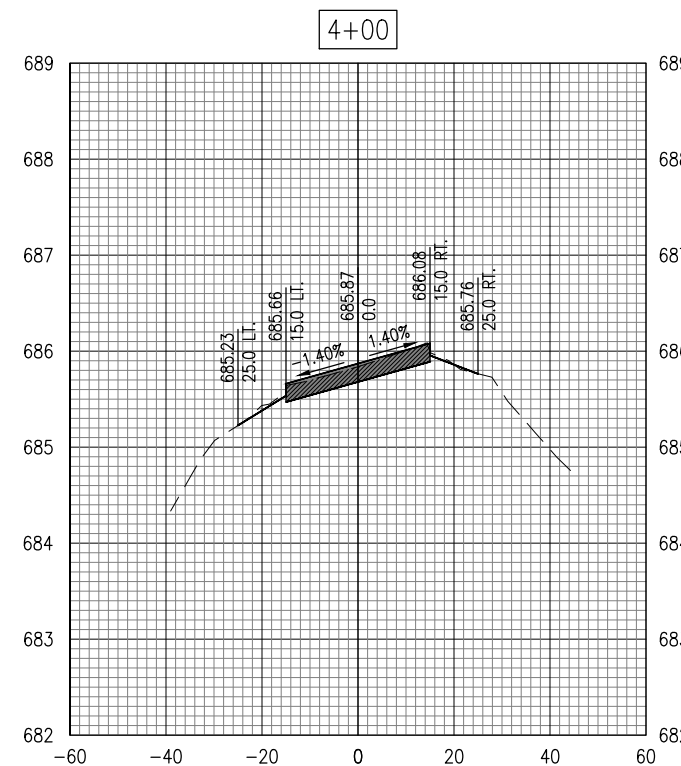
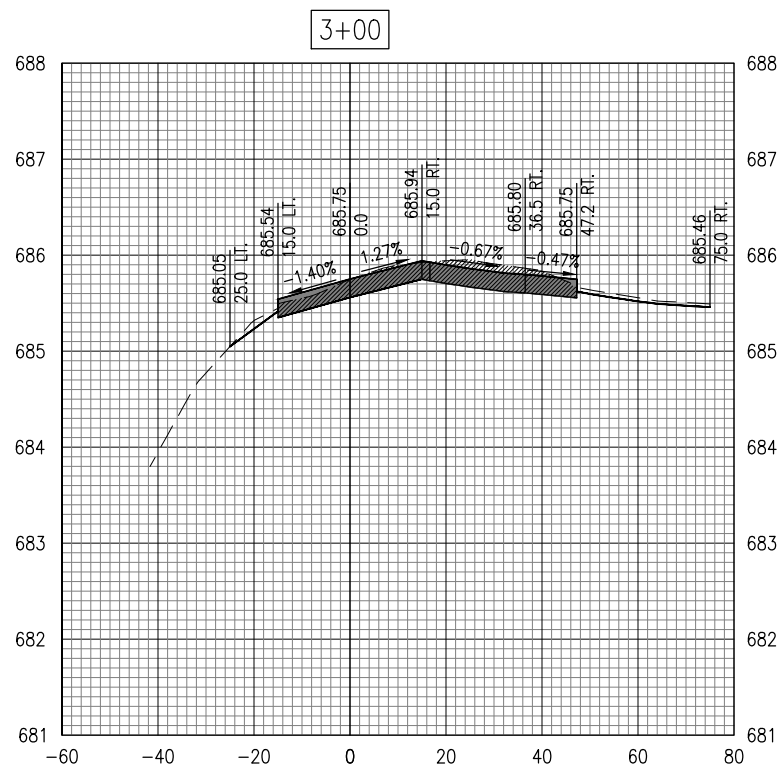
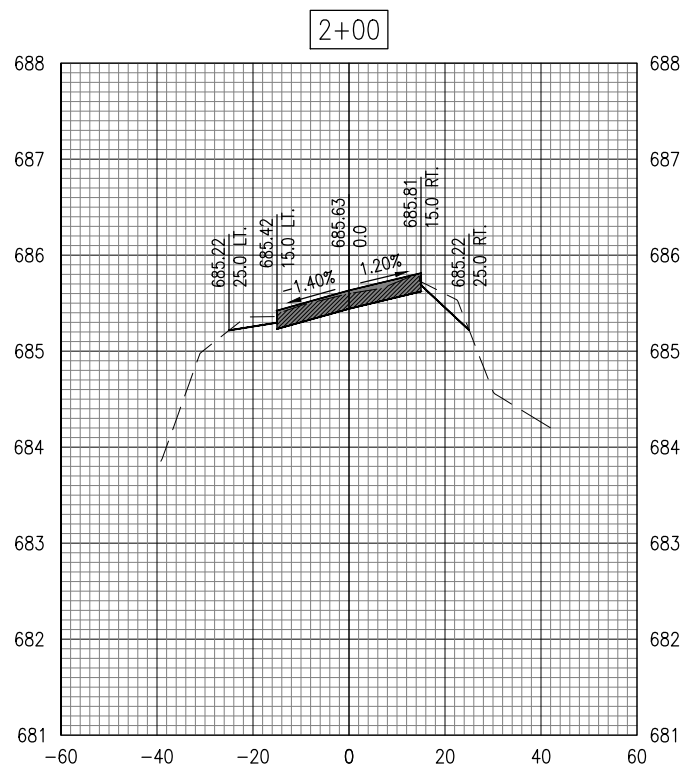
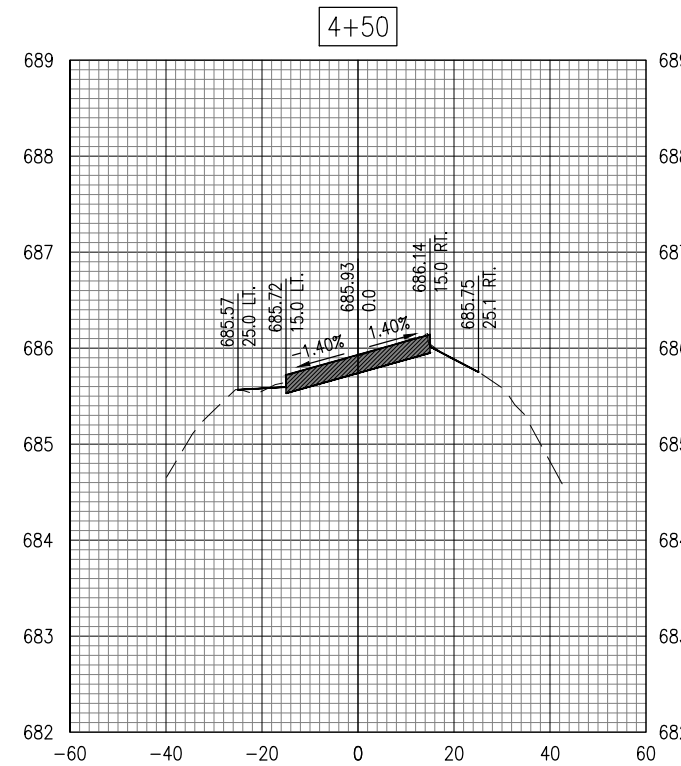
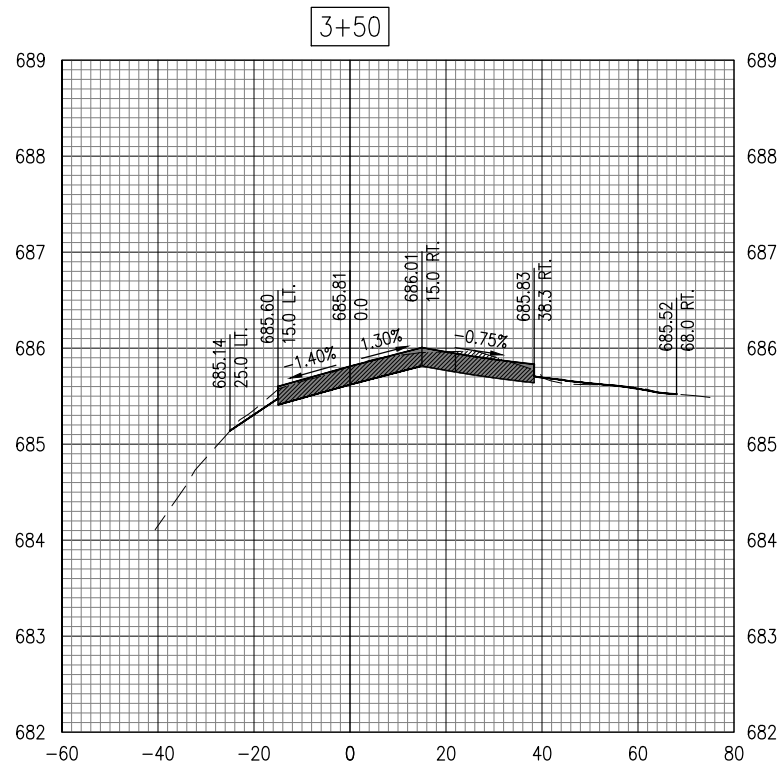
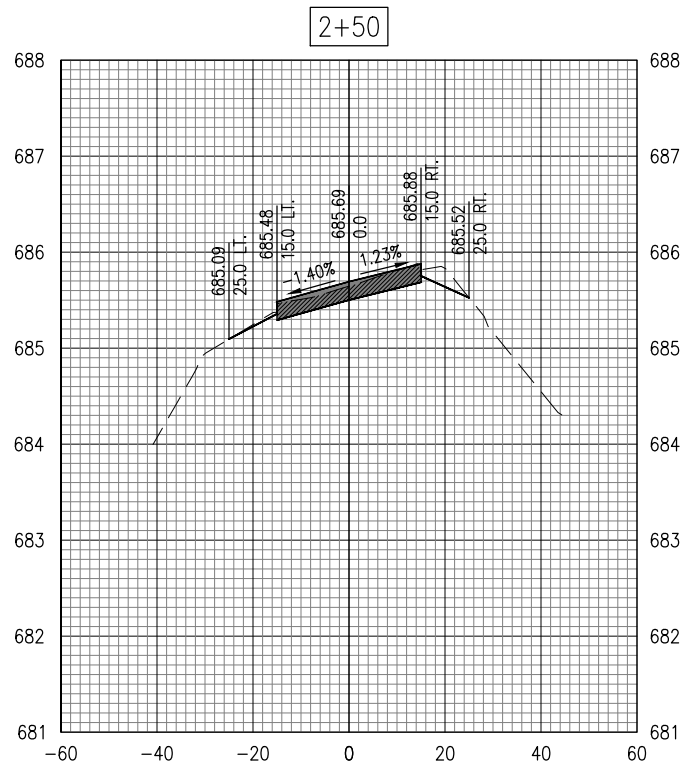
SHEET TITLE

TWY A1  
CROSS-SECTIONS -  
0+25 - 1+50

MAR 02, 2021 3:06 PM D:\DAS01944  
1\20\OBS\20A0004\CAD\AIRPORT\SHHEET\C-302-XS.DWG



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



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-302-XS.DWG  
DESIGN BY: MJD 09/02/2020  
DRAWN BY: MJD 09/02/2020  
REVIEWED BY: LDH 11/12/2020

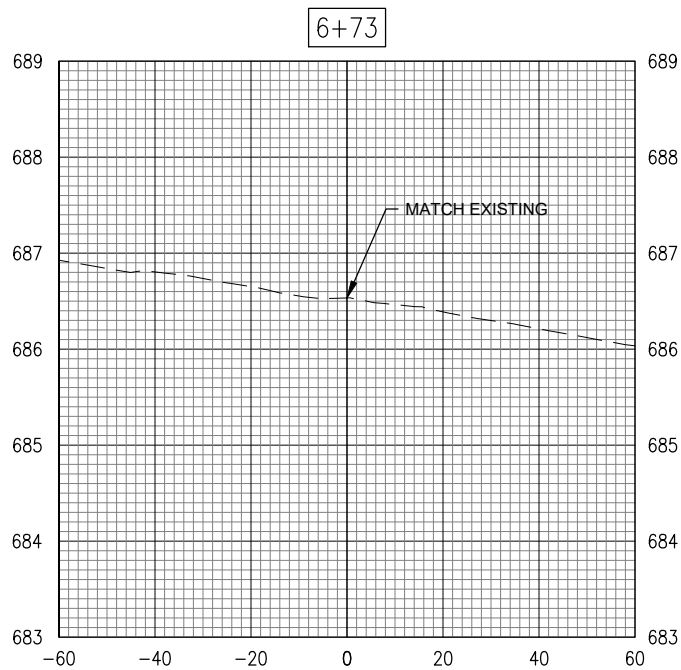
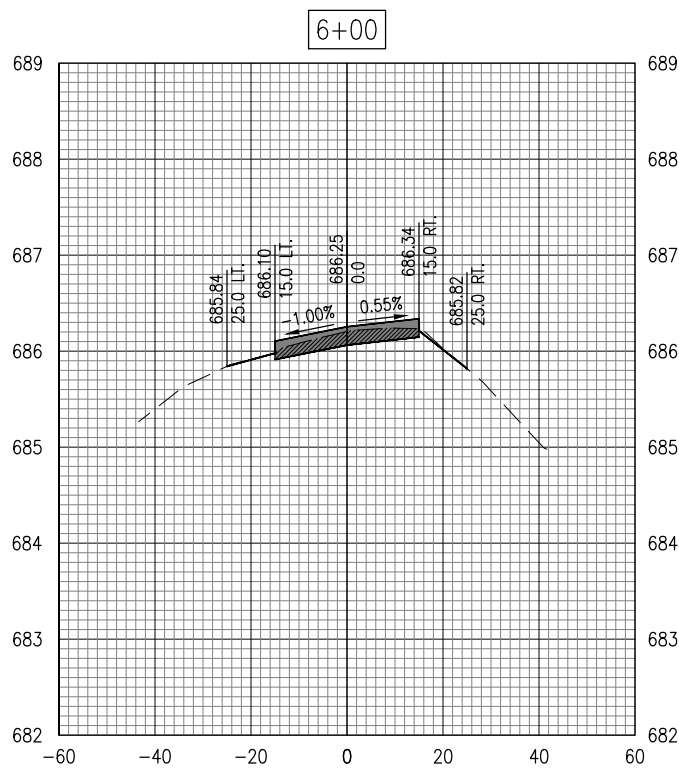
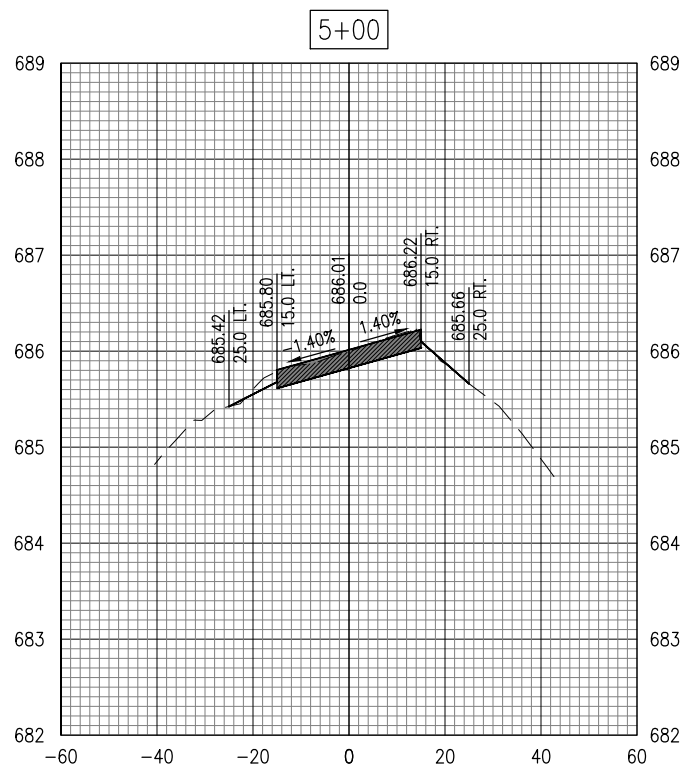
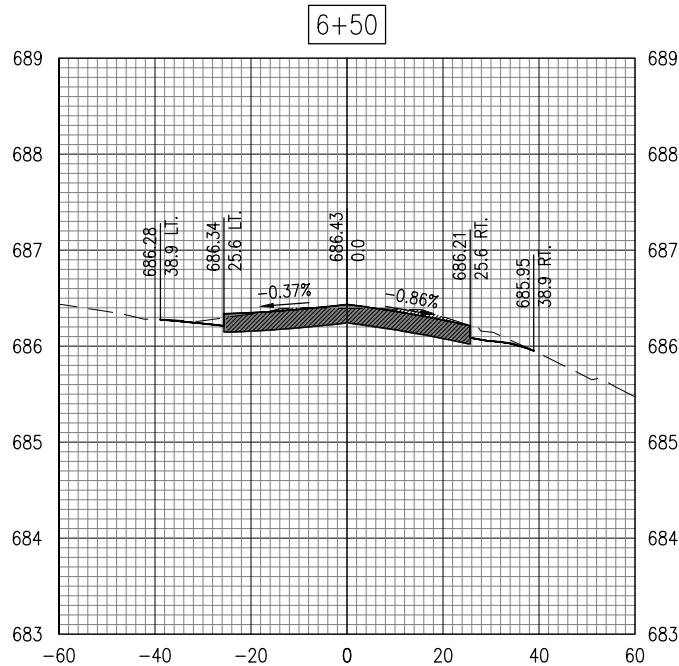
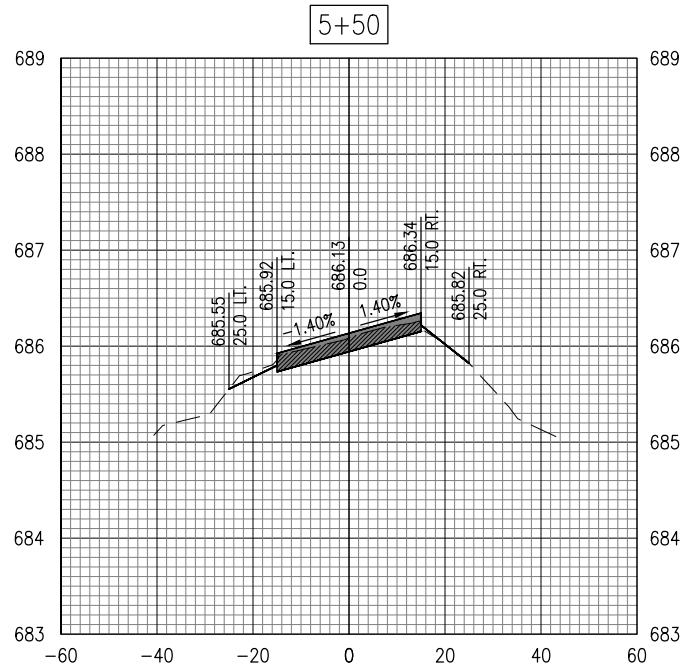
SHEET TITLE

TWY A1  
CROSS-SECTIONS -  
2+00 - 4+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 TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

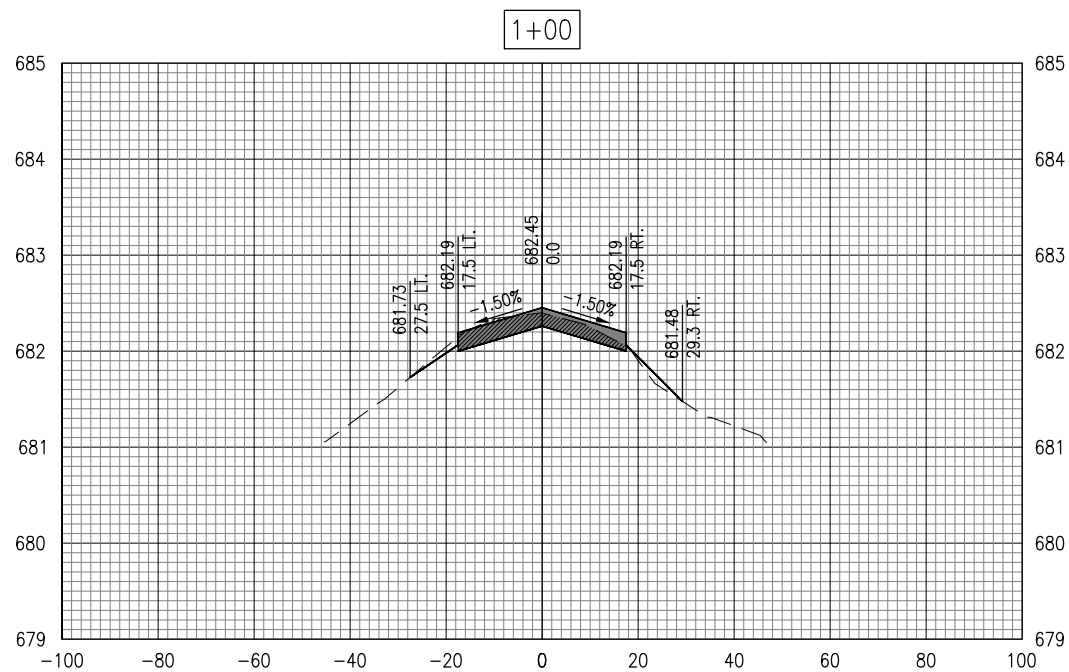
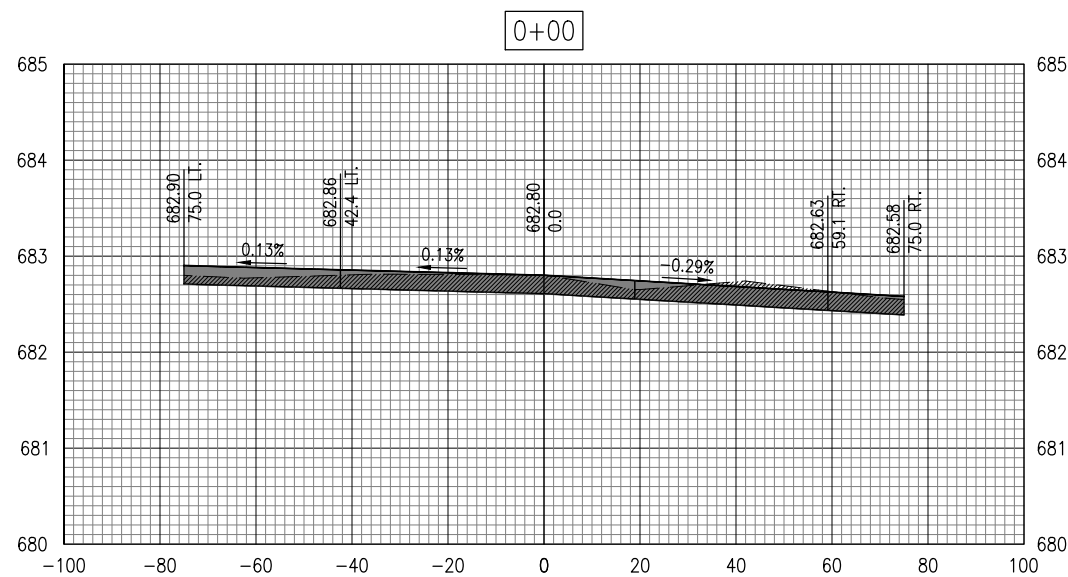
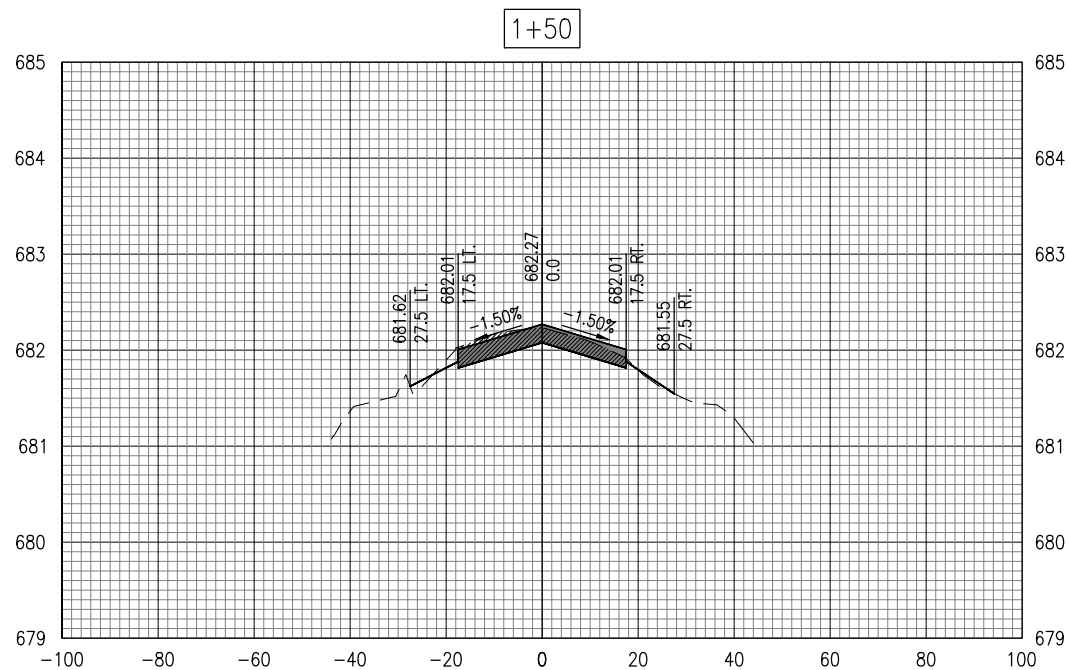
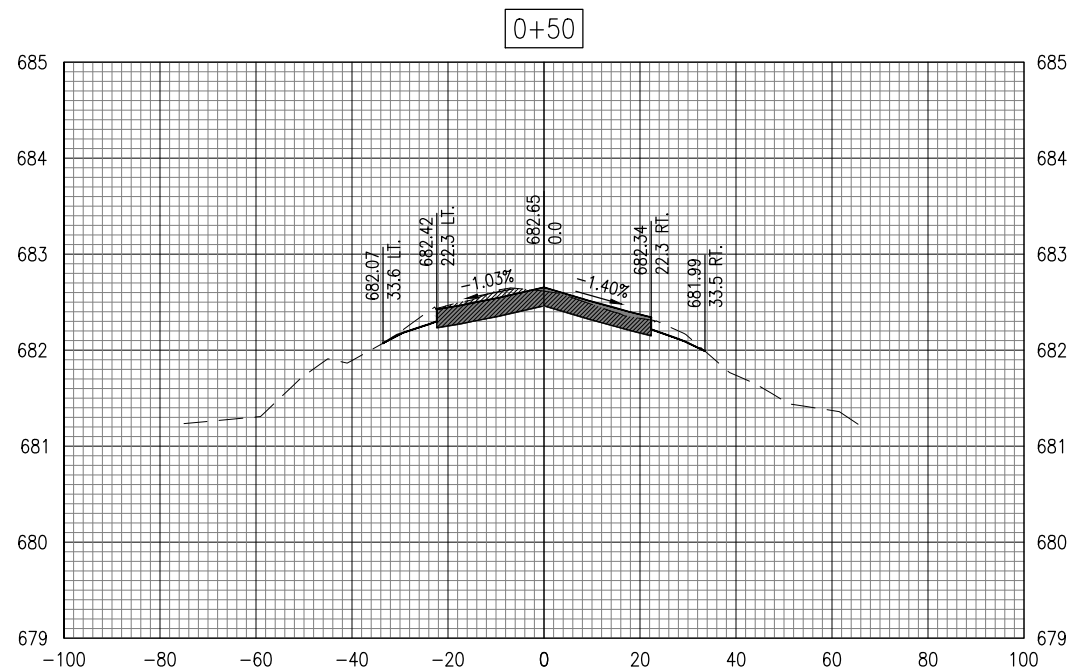
ISSUE: 11/13/2020  
PROJECT NO: 20A0004  
CAD FILE: C-302-XS.DWG  
DESIGN BY: MJD 09/02/2020  
DRAWN BY: MJD 09/02/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

TWY A1  
CROSS-SECTIONS -  
5+00 - 6+73



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



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-302-XS.DWG  
DESIGN BY: MJD 09/02/2020  
DRAWN BY: MJD 09/02/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

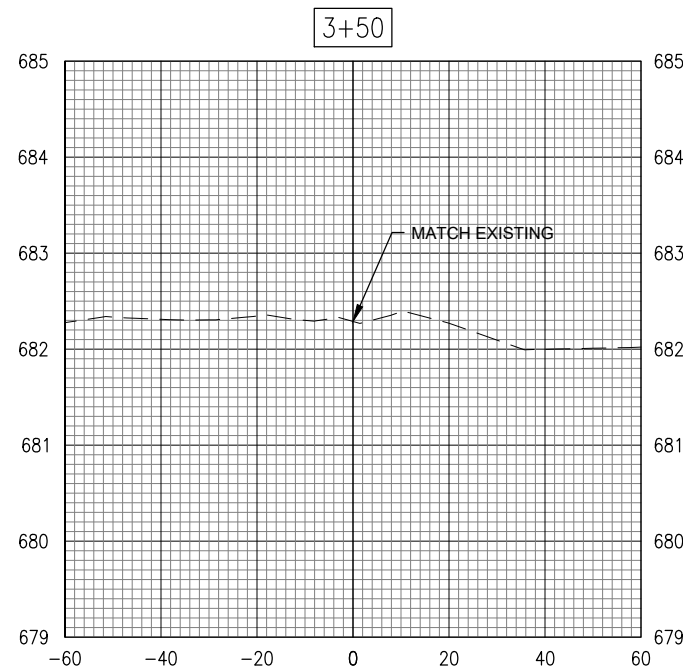
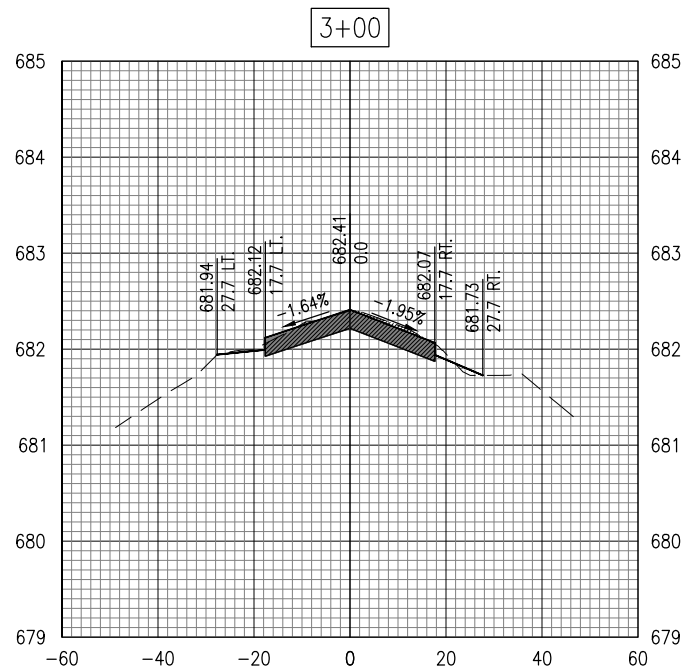
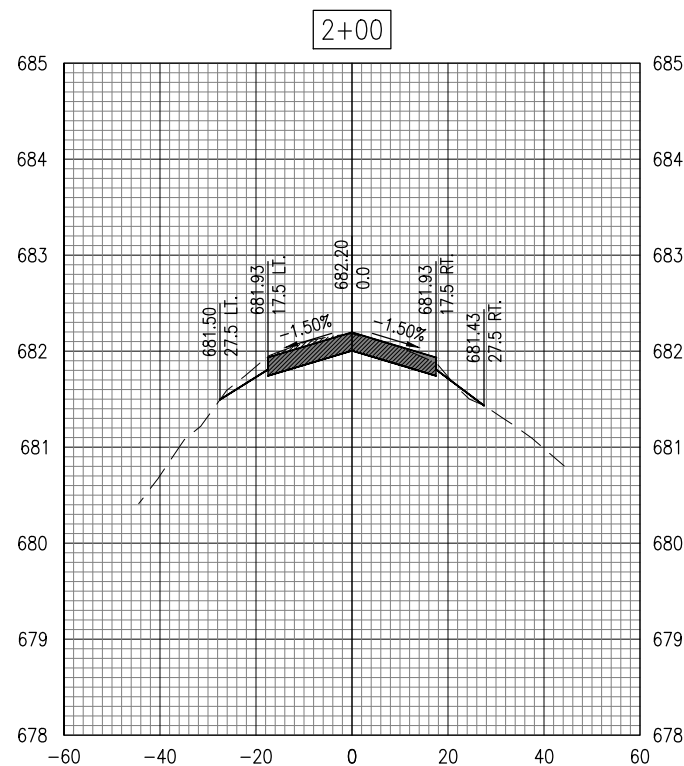
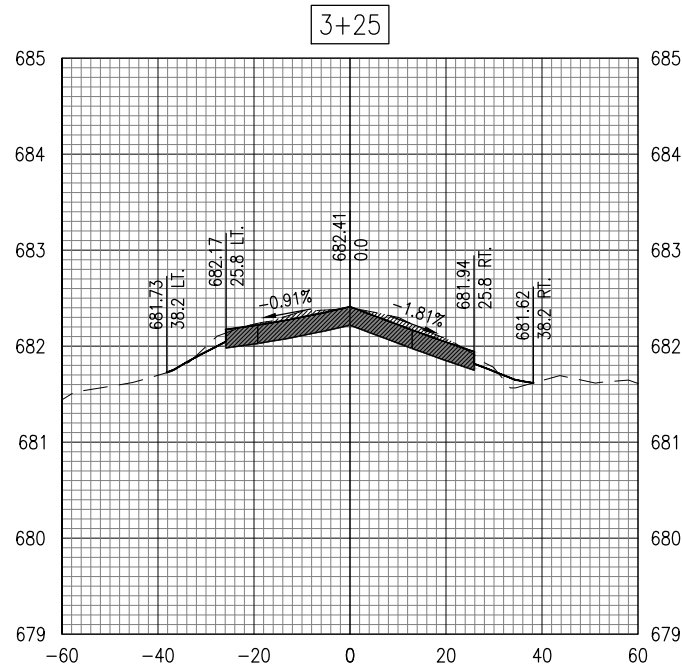
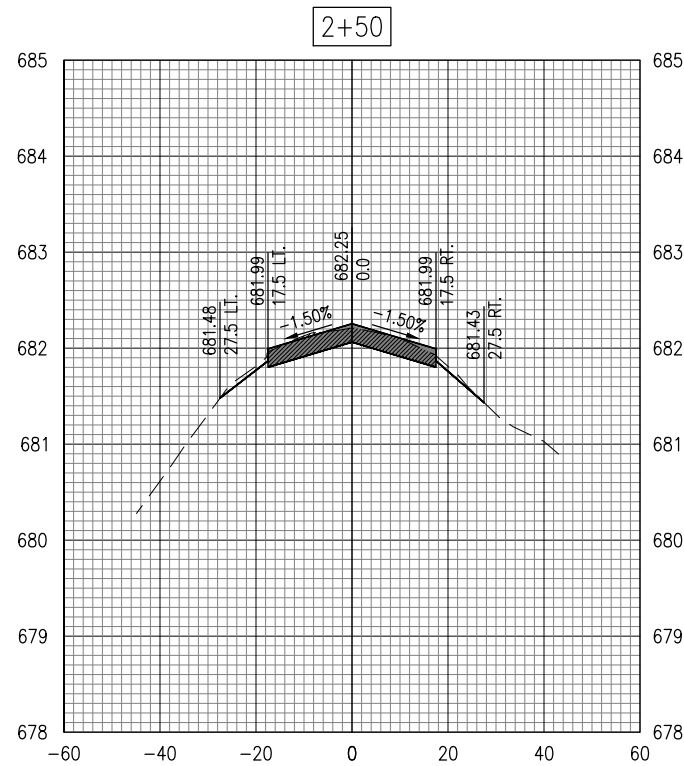
TWY A2  
CROSS-SECTIONS -  
0+00 - 1+50





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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 TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

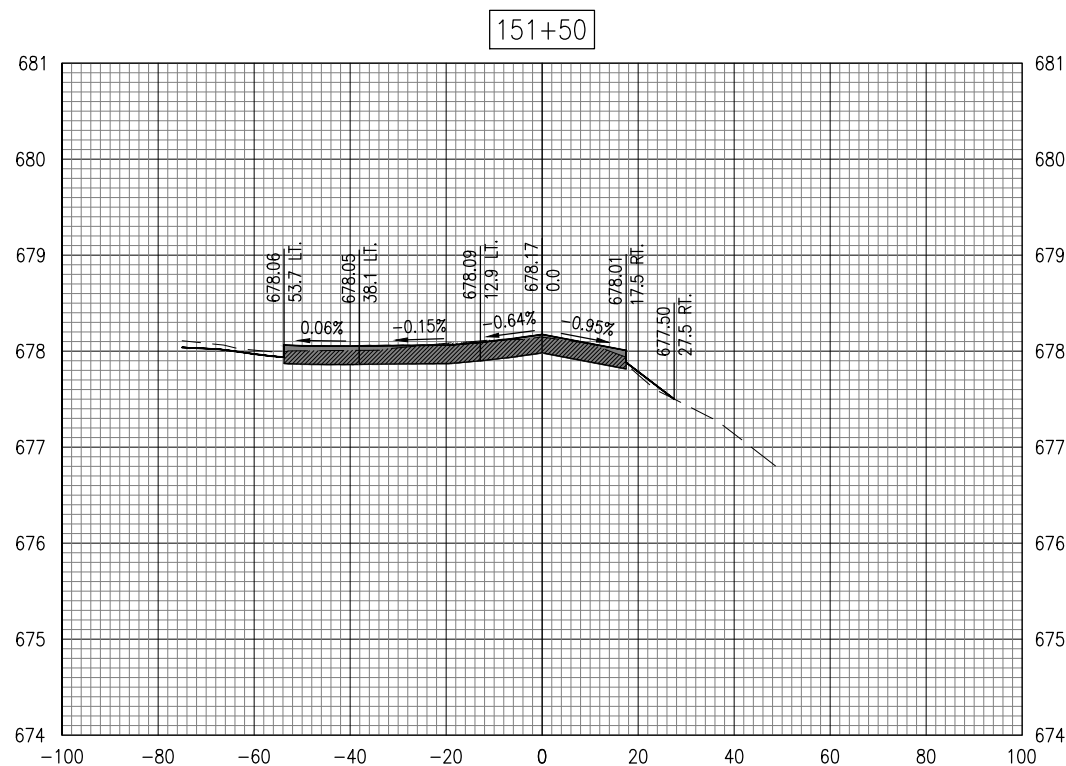
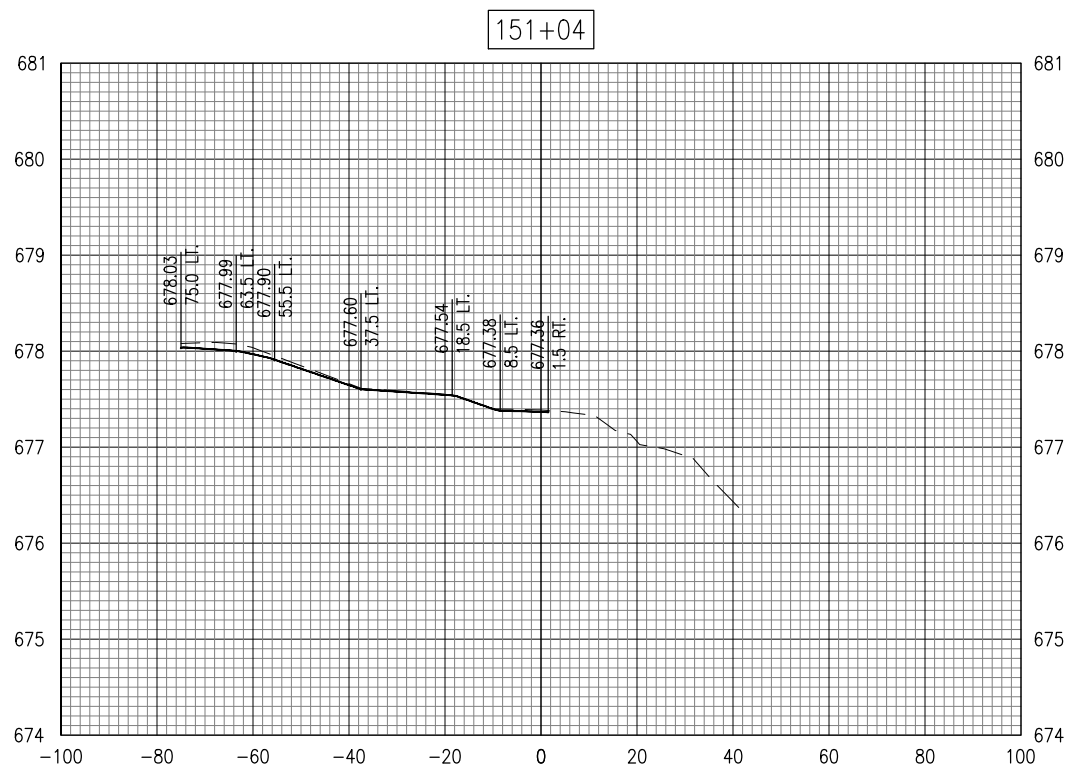
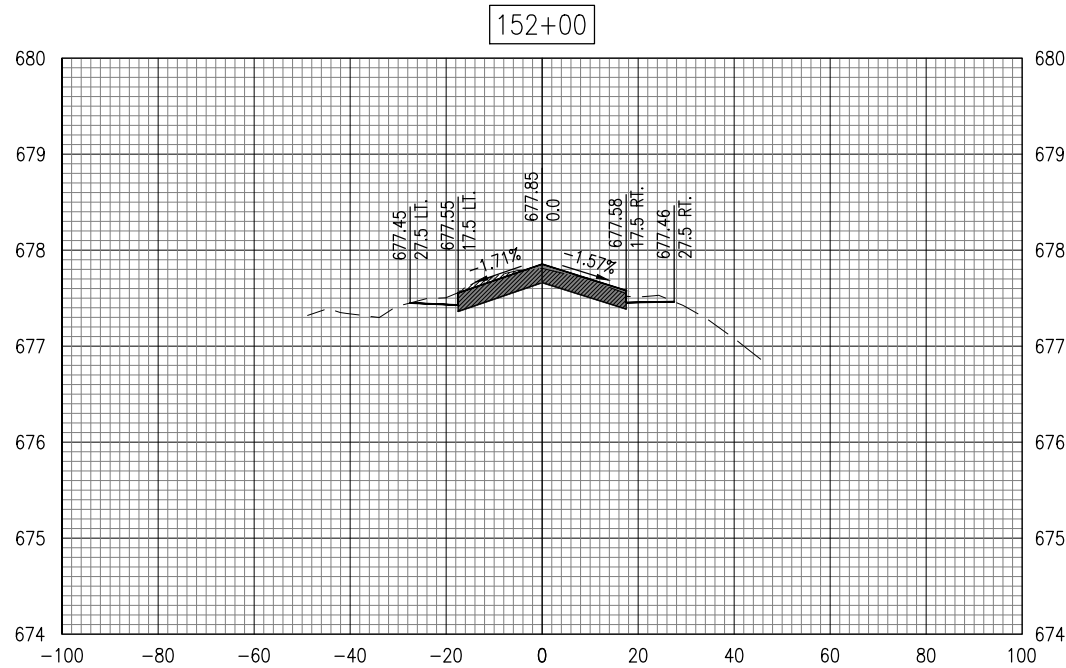
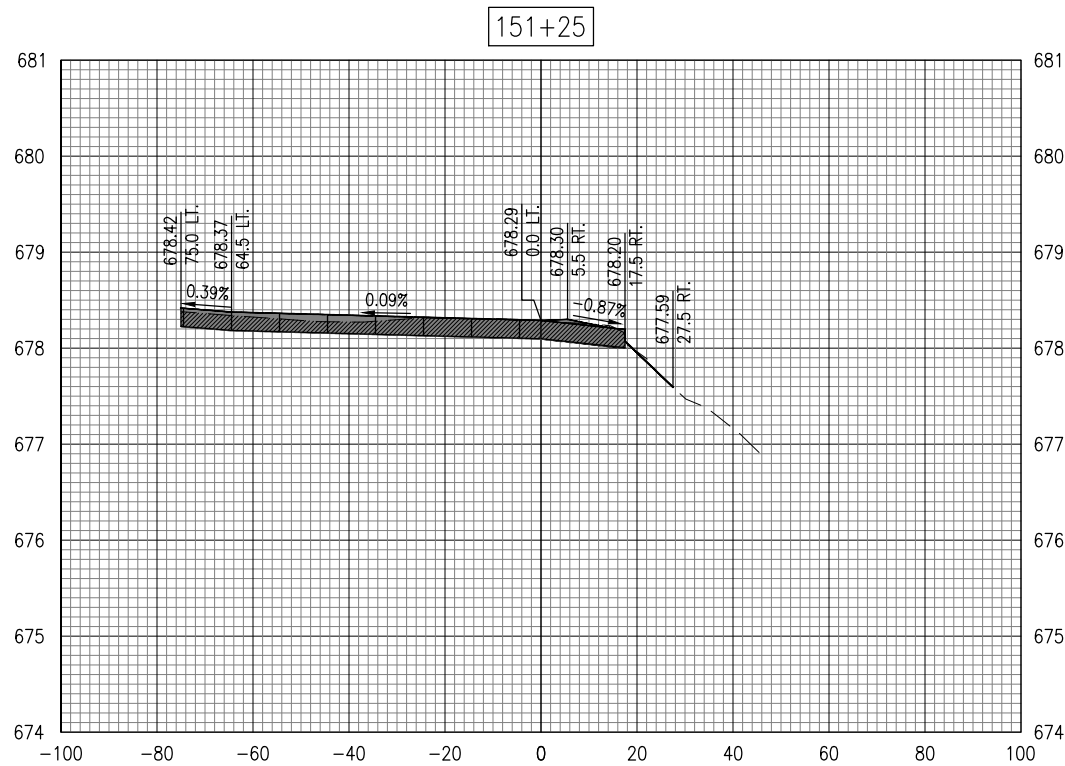
ISSUE: 11/13/2020  
PROJECT NO: 20A0004  
CAD FILE: C-302-XS.DWG  
DESIGN BY: MJD 09/02/2020  
DRAWN BY: MJD 09/02/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

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



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



REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

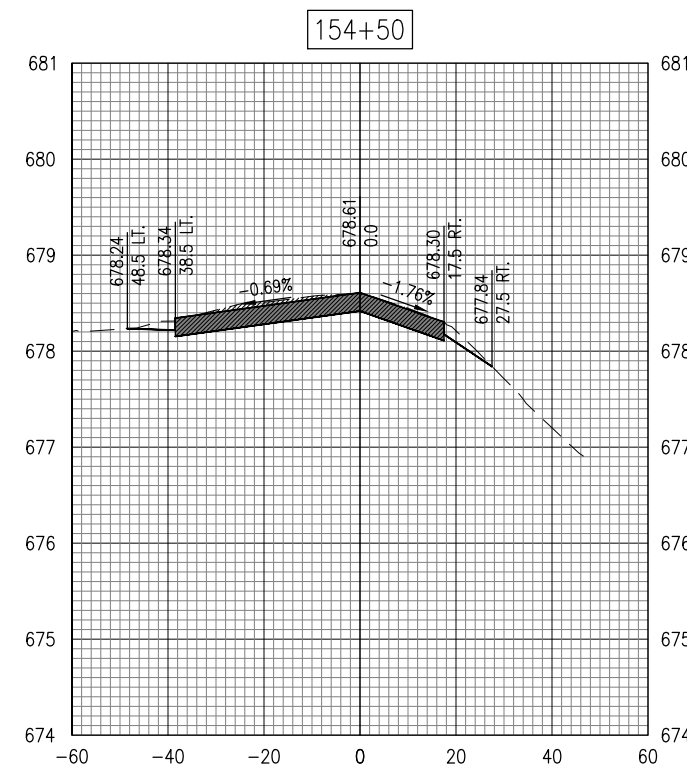
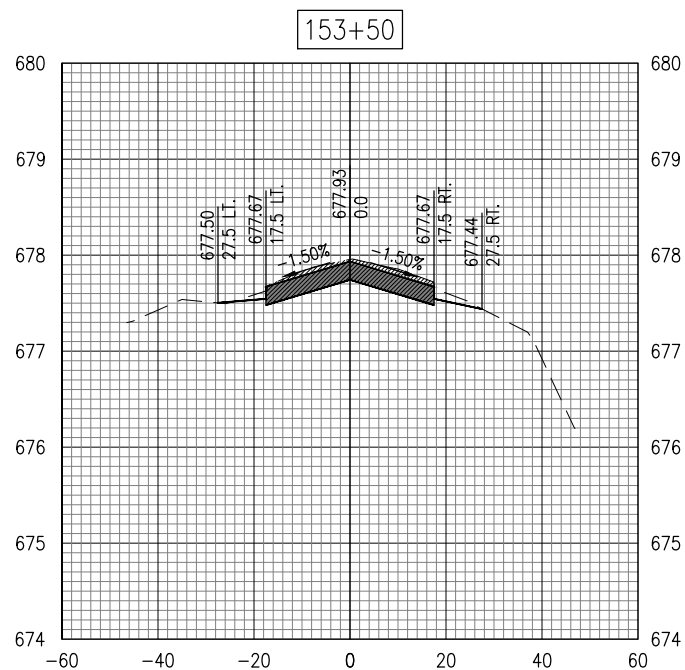
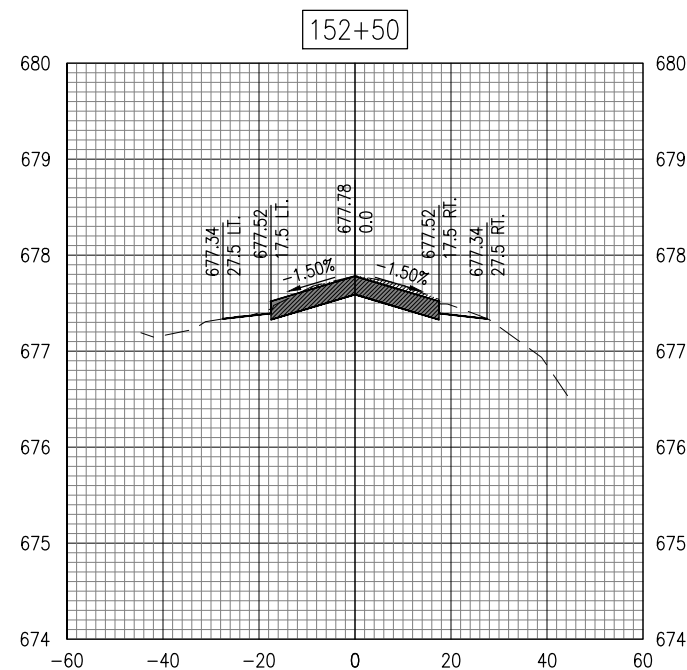
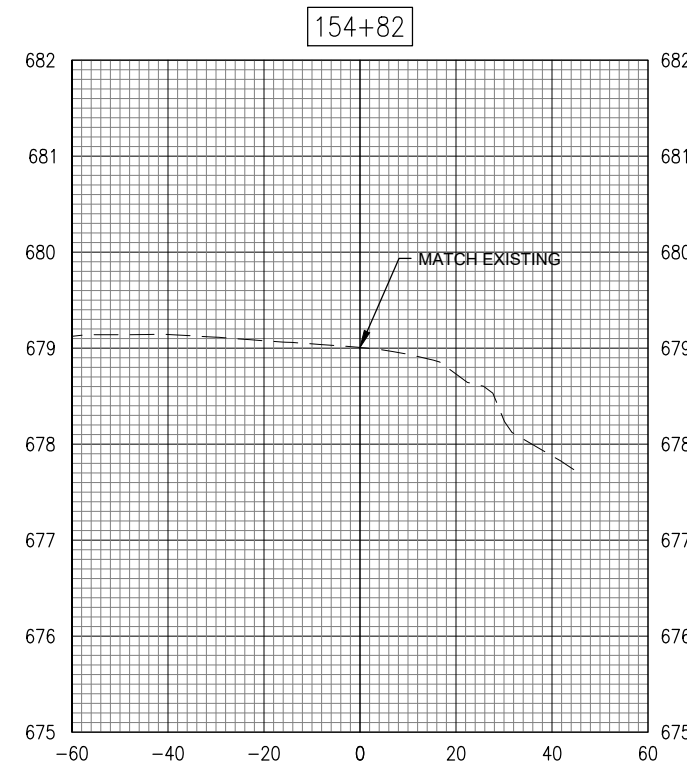
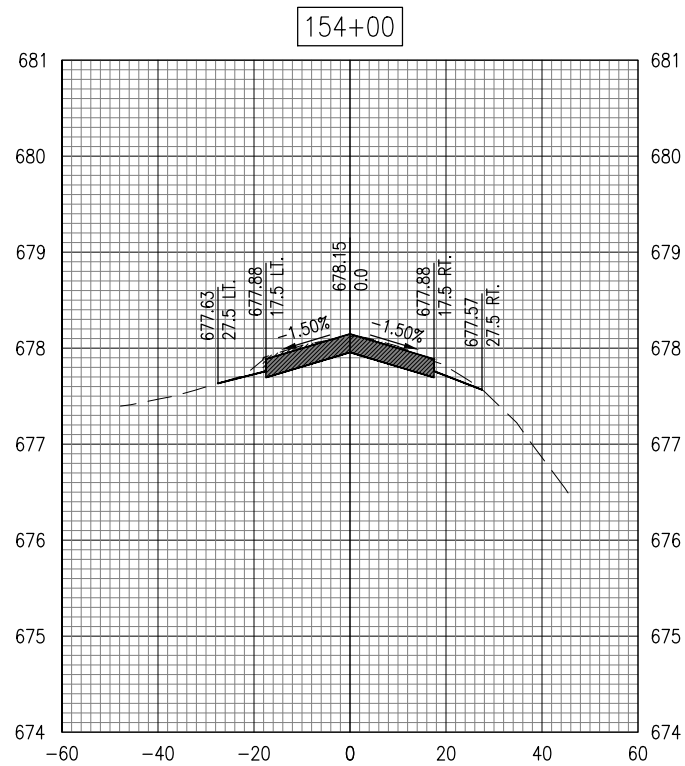
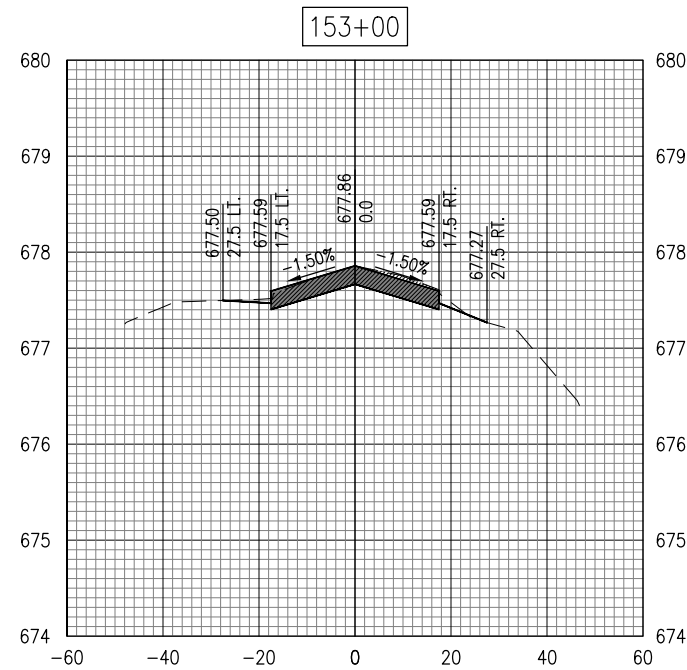
ISSUE: 11/13/2020  
PROJECT NO: 20A0004  
CAD FILE: C-302-XS.DWG  
DESIGN BY: MJD 09/02/2020  
DRAWN BY: MJD 09/02/2020  
REVIEWED BY: LDH 11/12/2020

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 TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

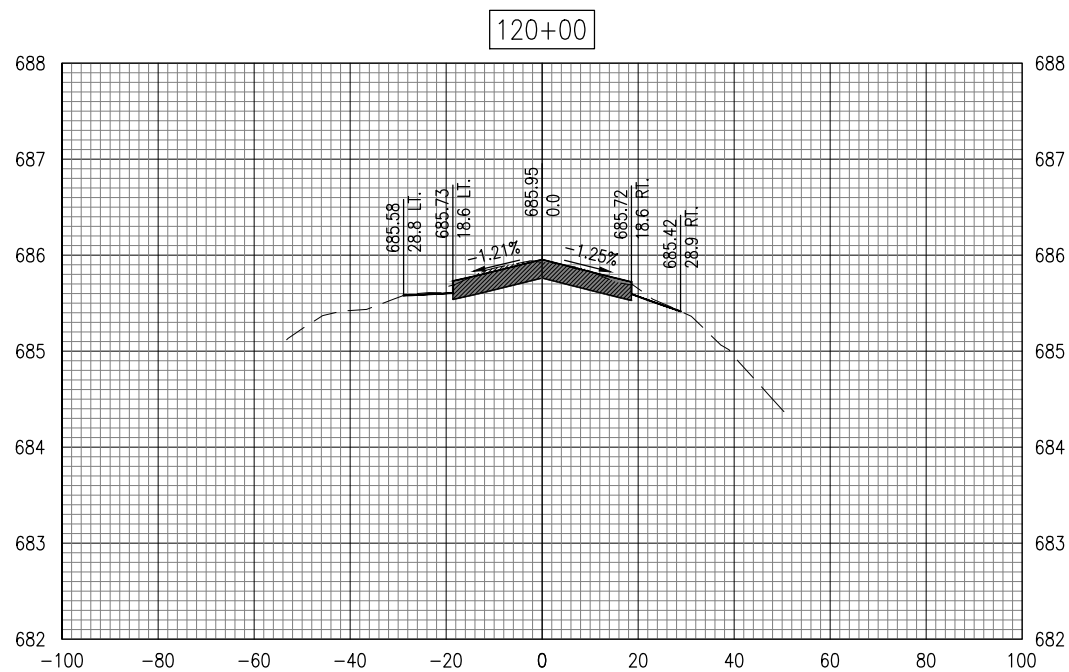
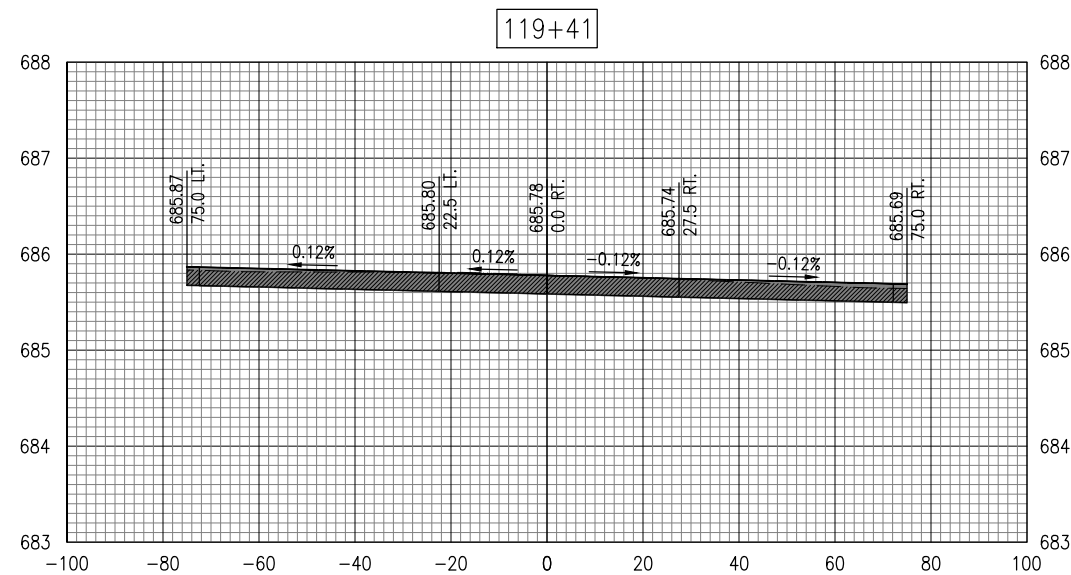
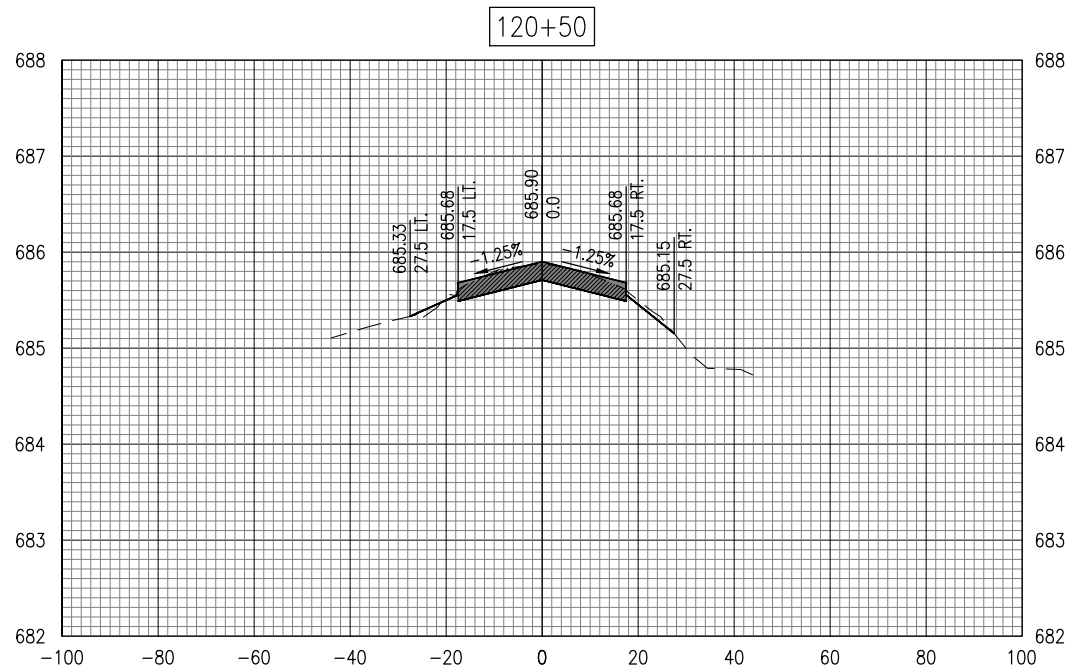
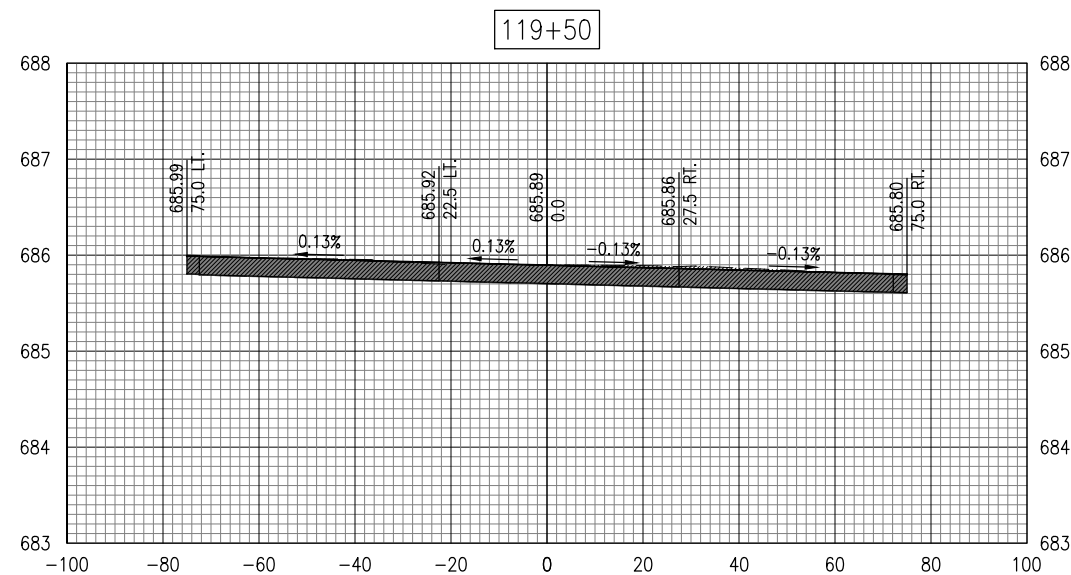
ISSUE: 11/13/2020  
PROJECT NO: 20A0004  
CAD FILE: C-302-XS.DWG  
DESIGN BY: MJD 09/02/2020  
DRAWN BY: MJD 09/02/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

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



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



REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

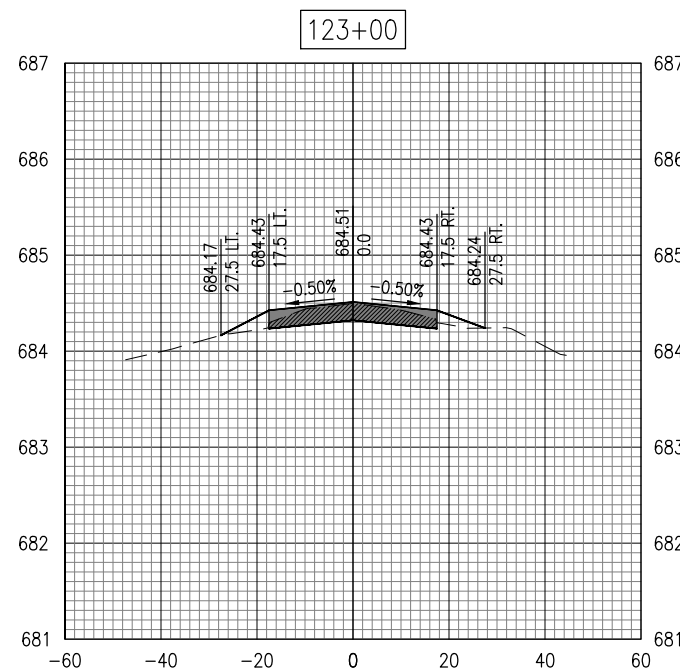
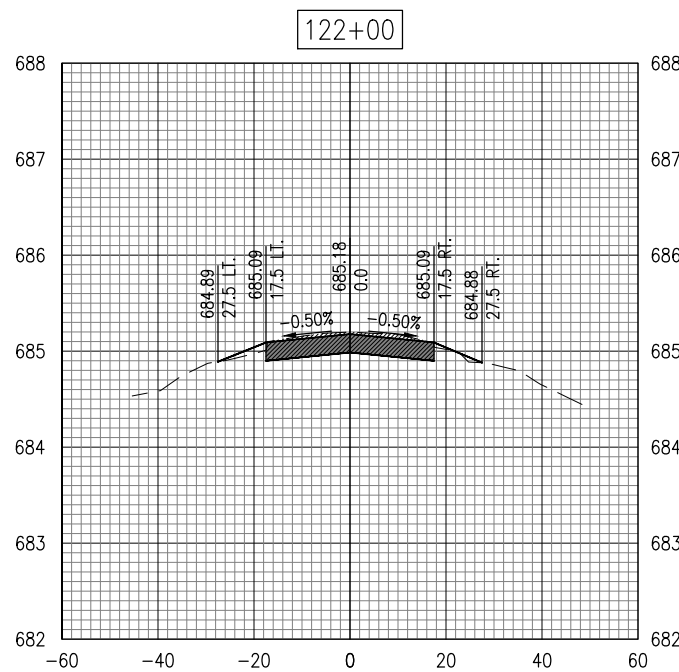
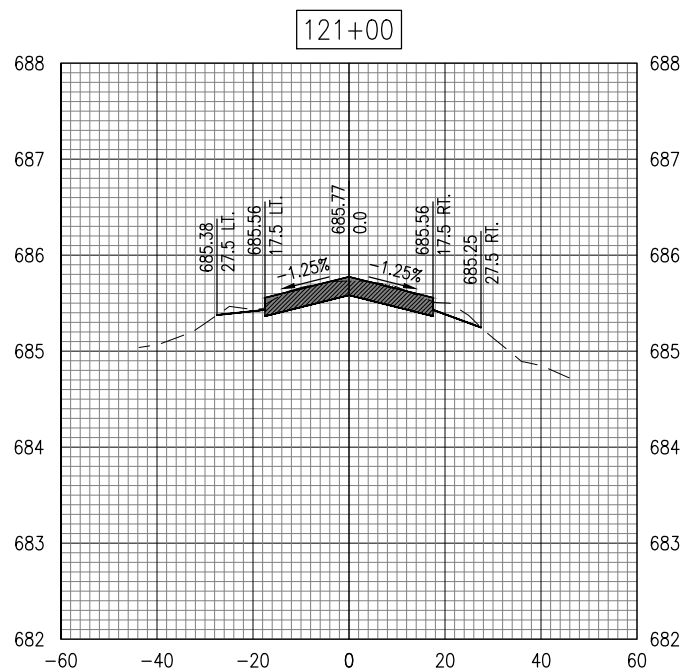
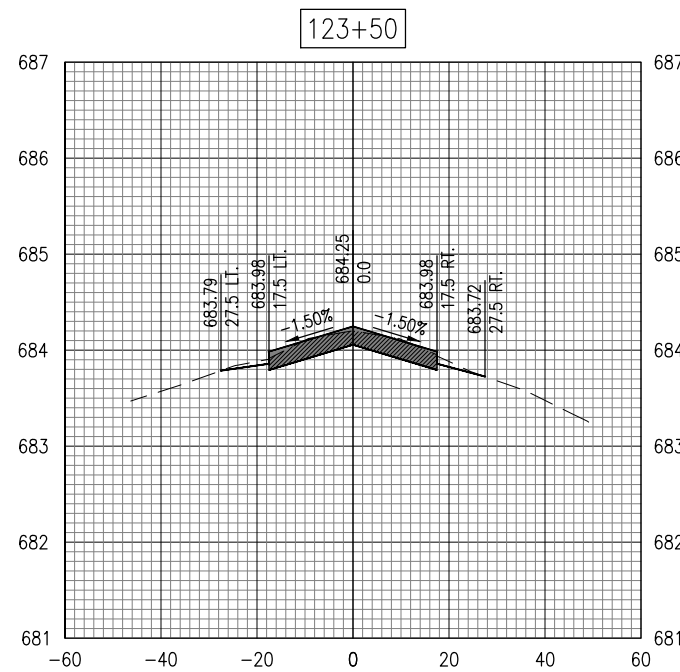
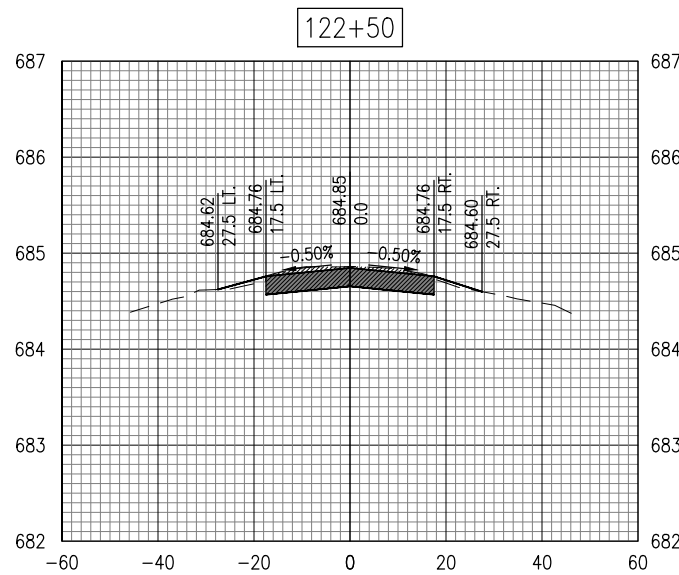
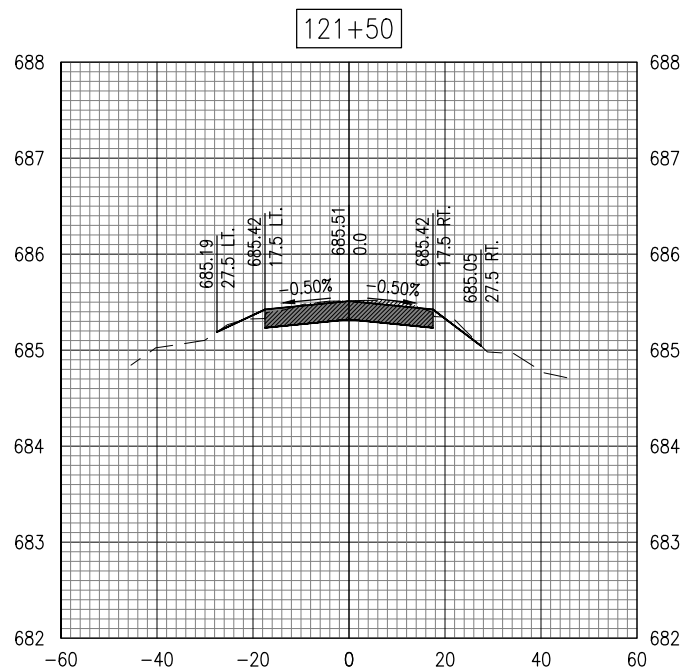
ISSUE: 11/13/2020  
PROJECT NO: 20A0004  
CAD FILE: C-302-XS.DWG  
DESIGN BY: MJD 09/02/2020  
DRAWN BY: MJD 09/02/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

TWY A (EAST)  
CROSS-SECTIONS -  
119+41 - 120+50



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



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-302-XS.DWG  
DESIGN BY: MJD 09/02/2020  
DRAWN BY: MJD 09/02/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

TWY A (EAST)  
CROSS-SECTIONS -  
121+00 - 123+50

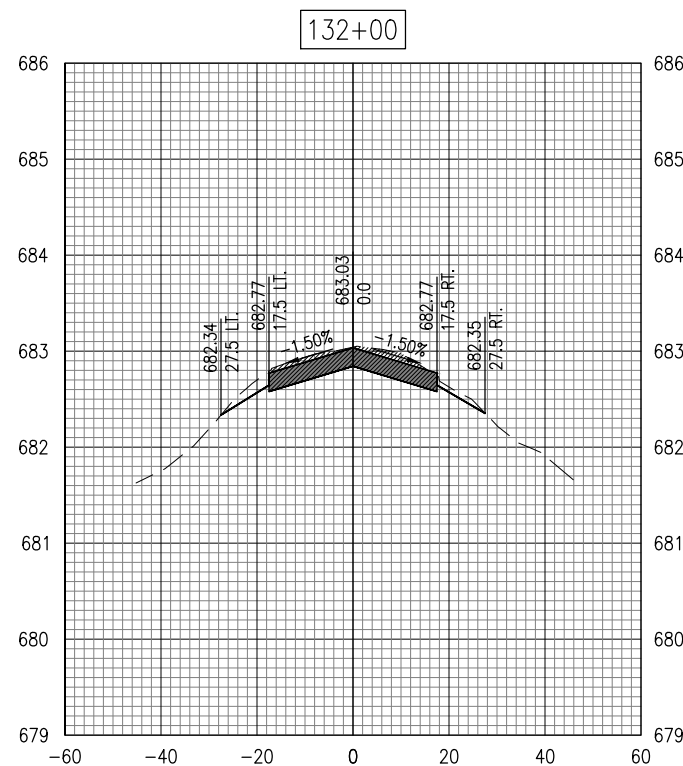
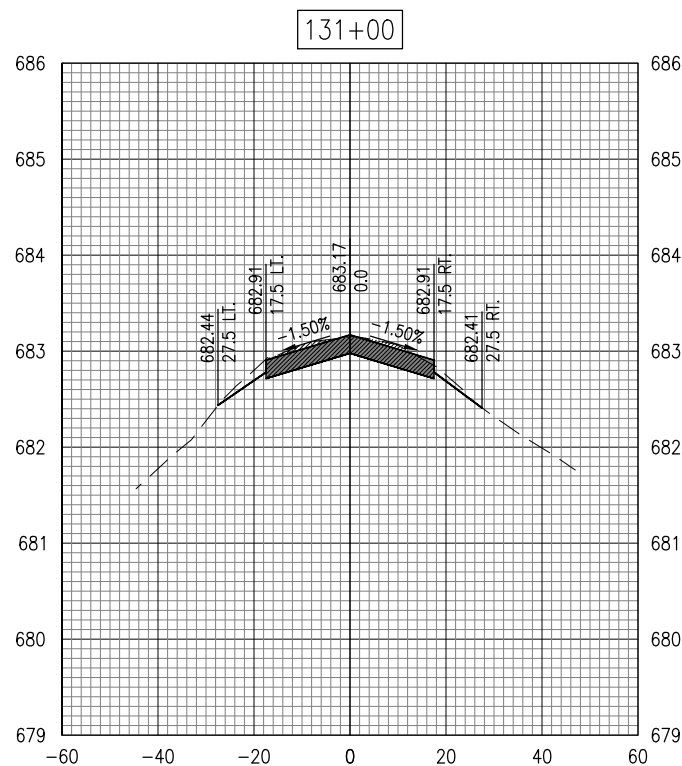
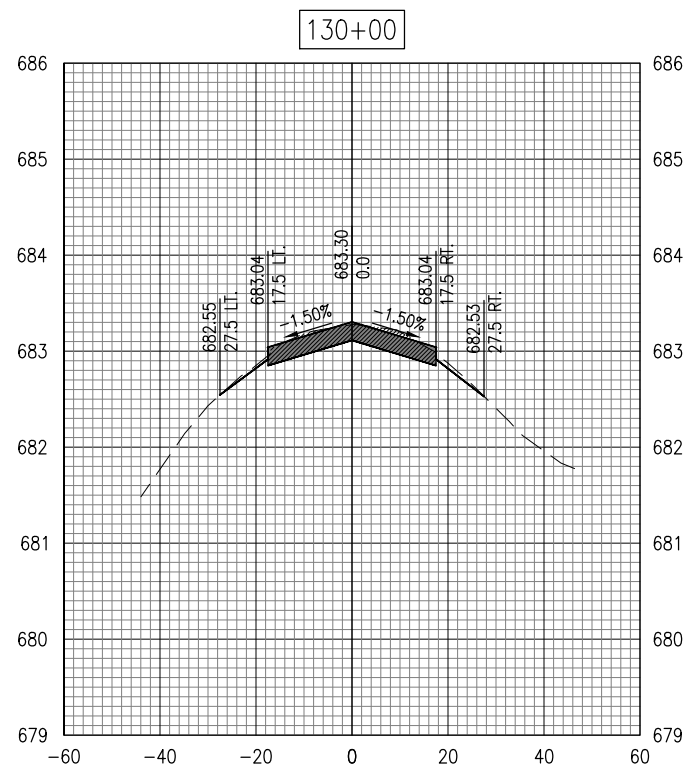
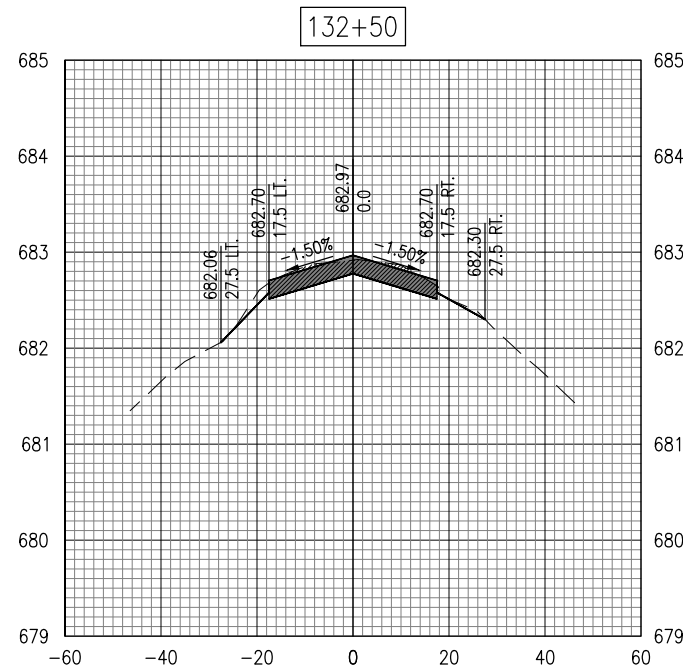
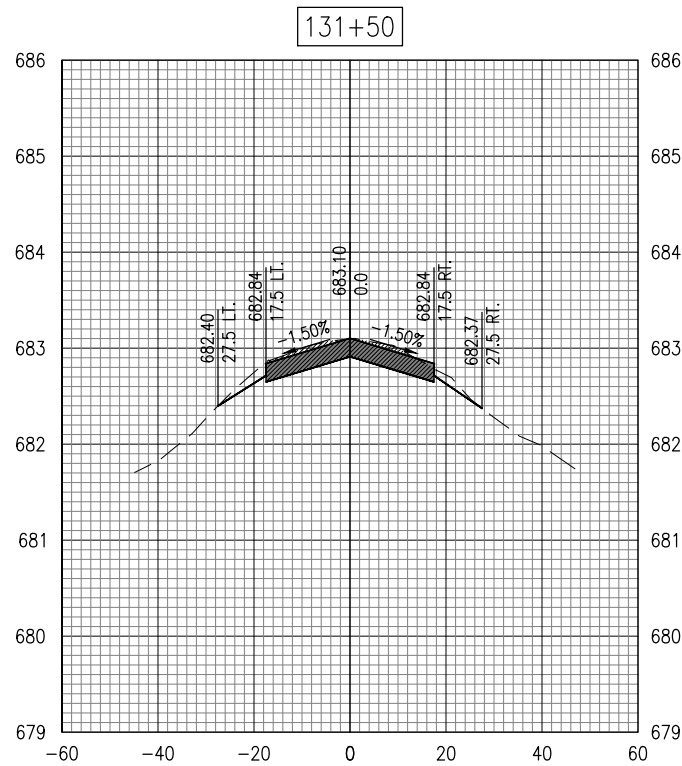
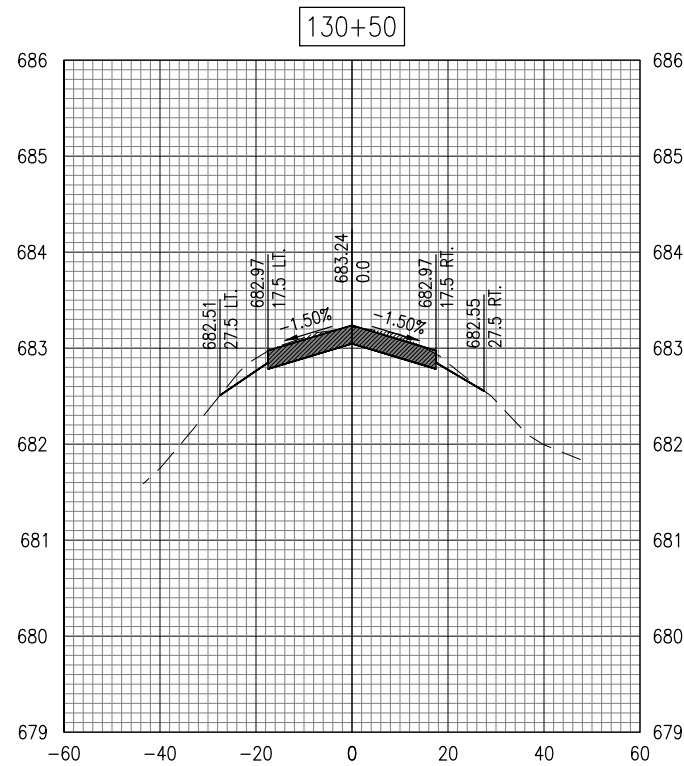








EXISTING	PROPOSED	LEGEND
- - - - -	—————	SURFACE
	▒	BIT. SURF. CSE.-METHOD I, SUPERPAVE
	▨	BIT. PAVEMENT MILLING (VARIABLE)



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-302-XS.DWG  
DESIGN BY: MJD 09/02/2020  
DRAWN BY: MJD 09/02/2020  
REVIEWED BY: LDH 11/12/2020

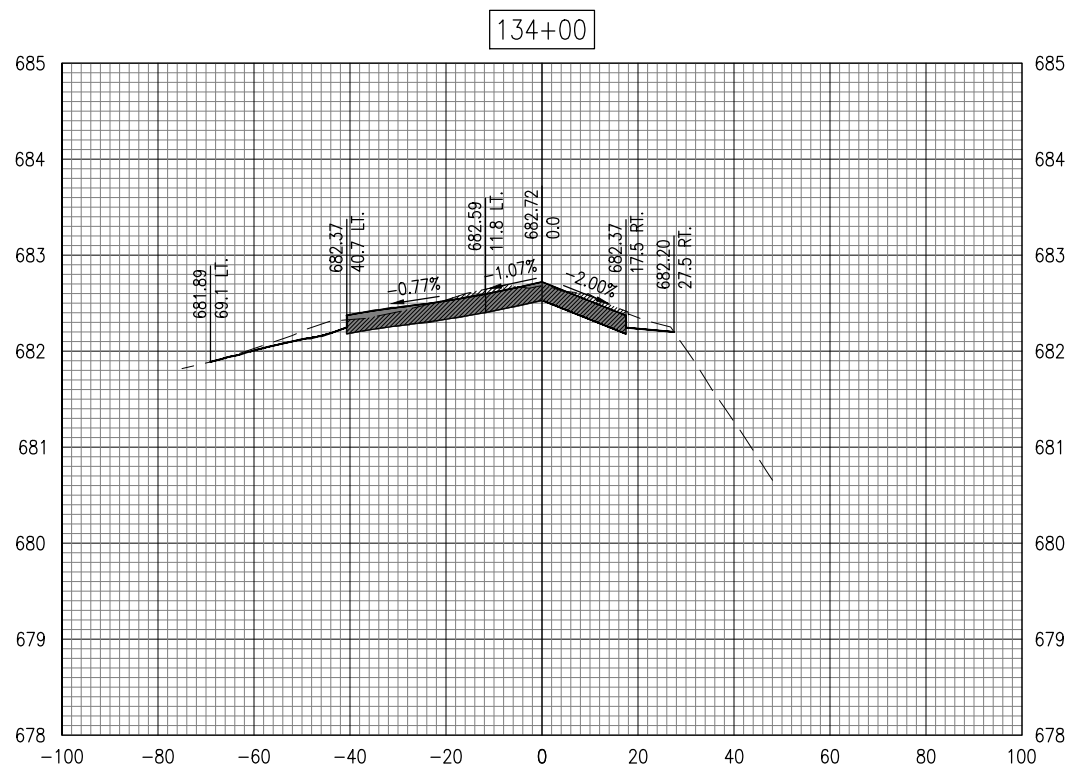
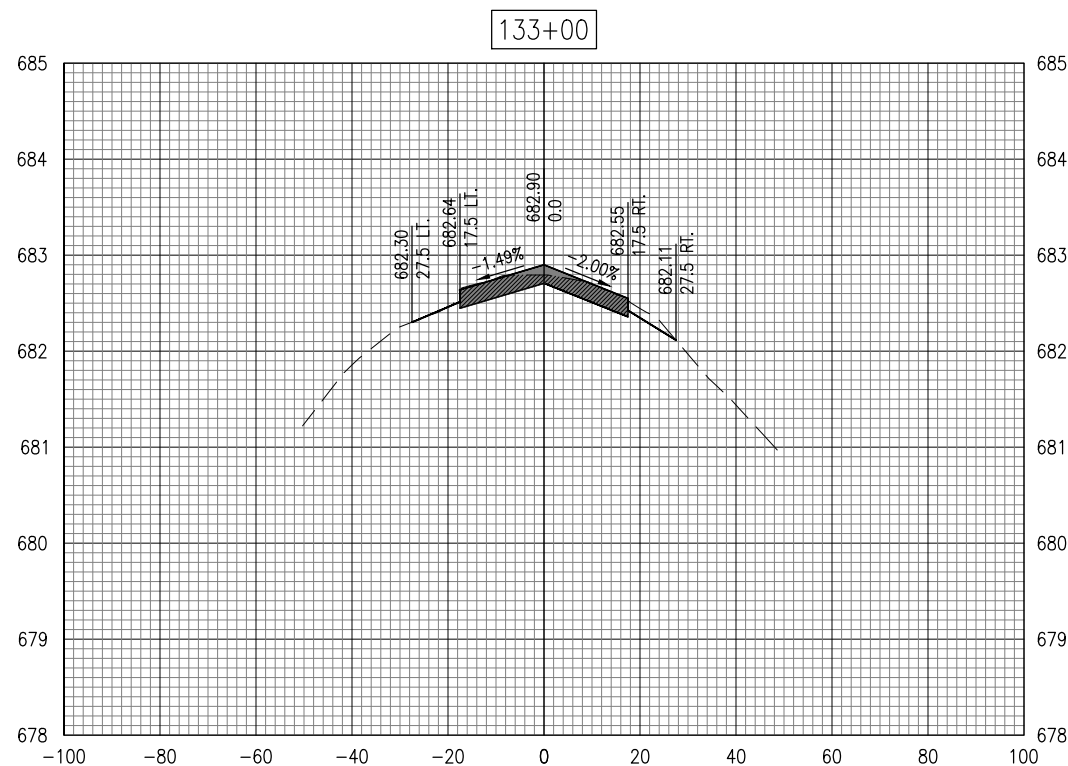
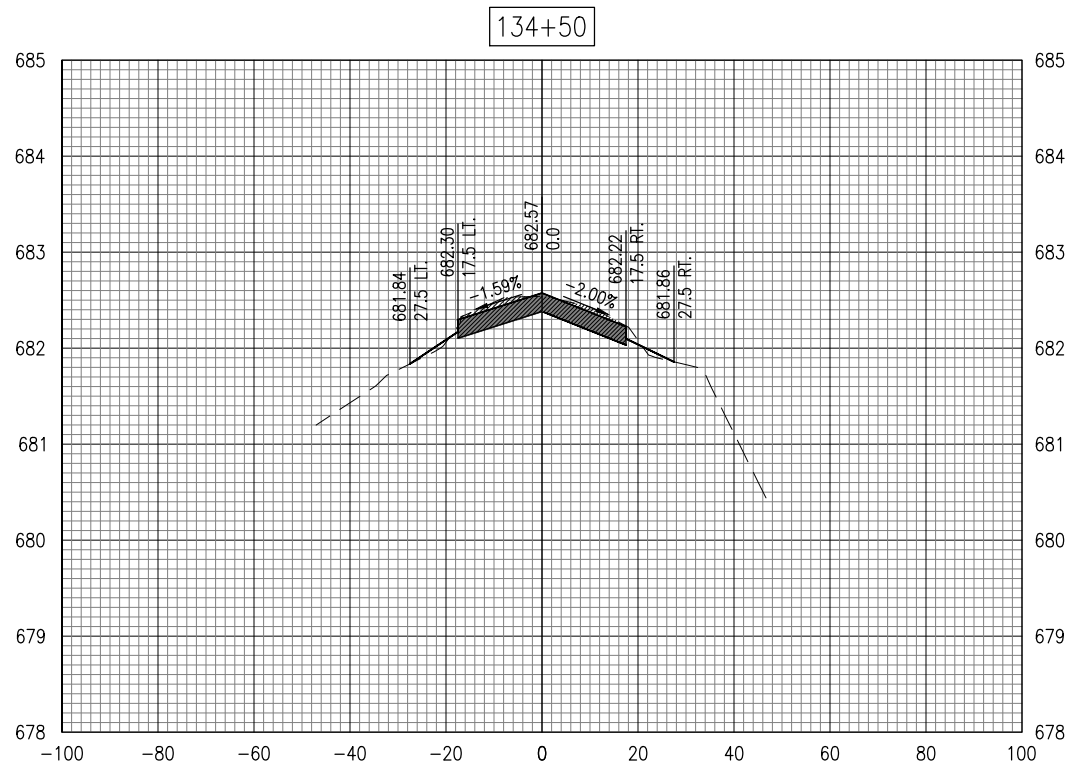
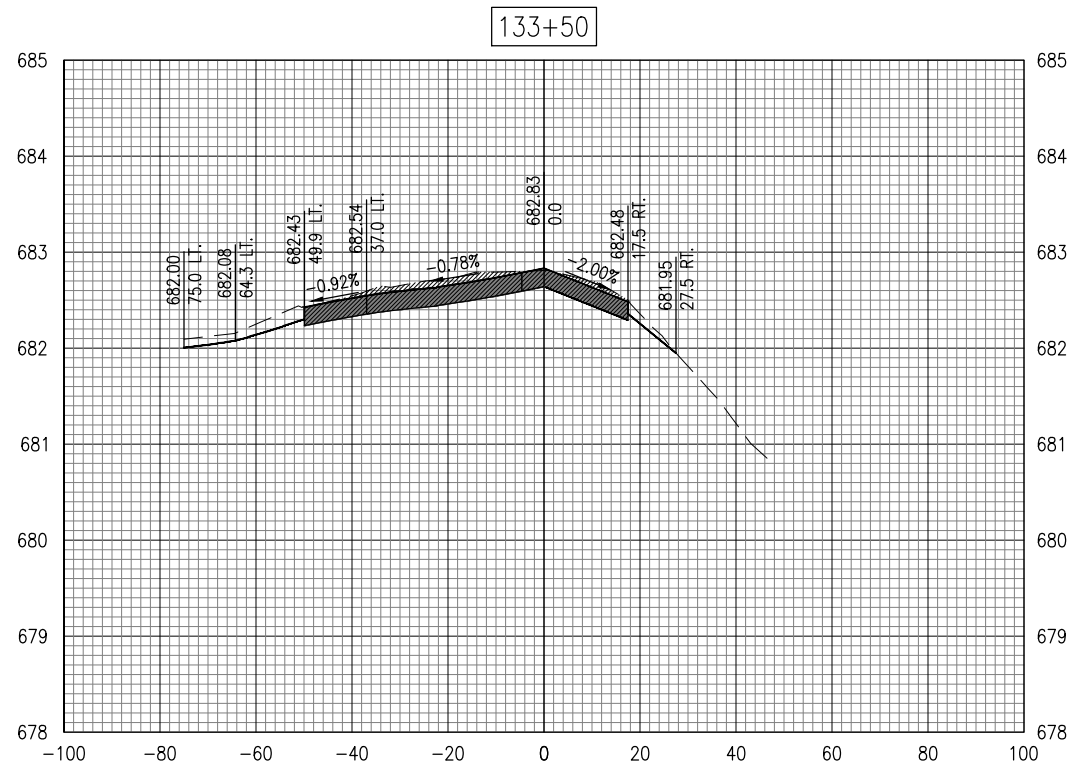
SHEET TITLE

TWY A (EAST)  
CROSS-SECTIONS -  
130+00 - 132+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 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-302-XS.DWG  
DESIGN BY: MJD 09/02/2020  
DRAWN BY: MJD 09/02/2020  
REVIEWED BY: LDH 11/12/2020

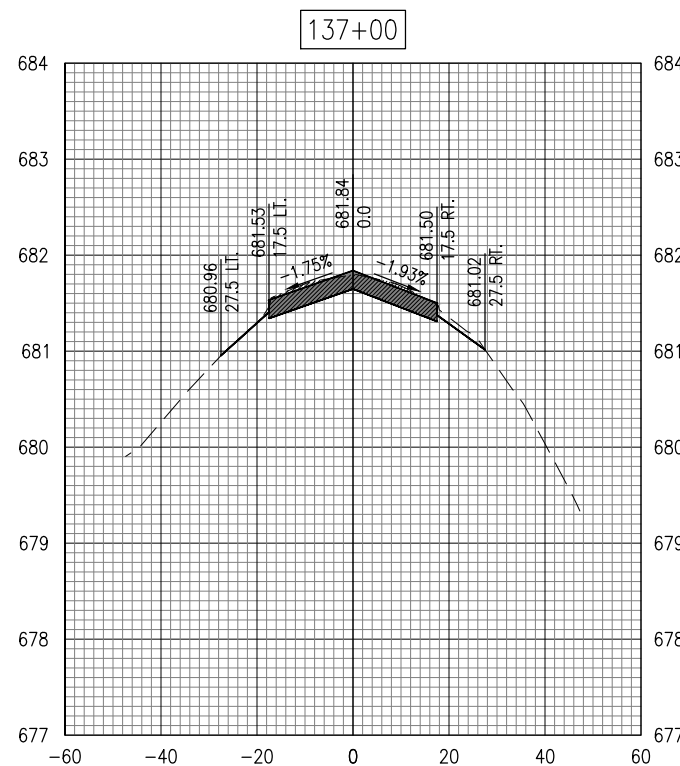
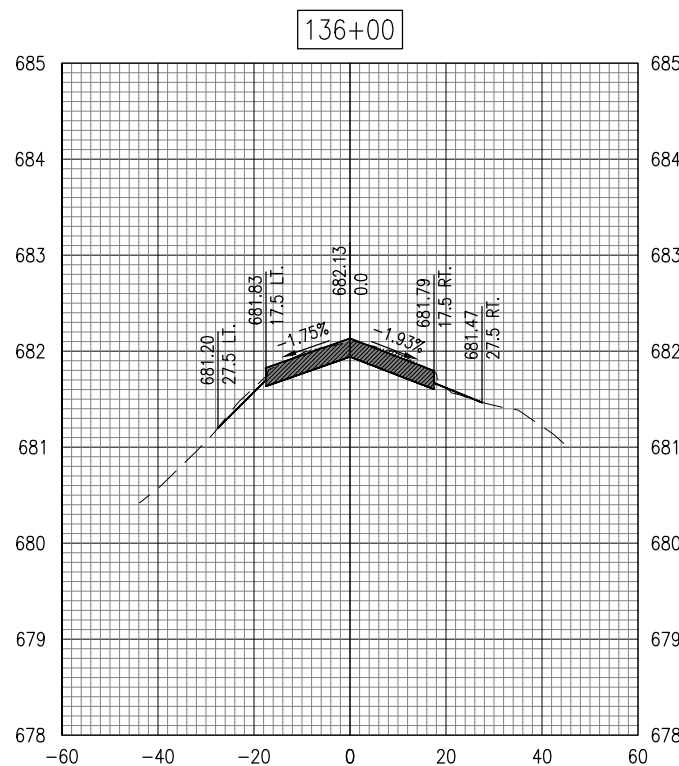
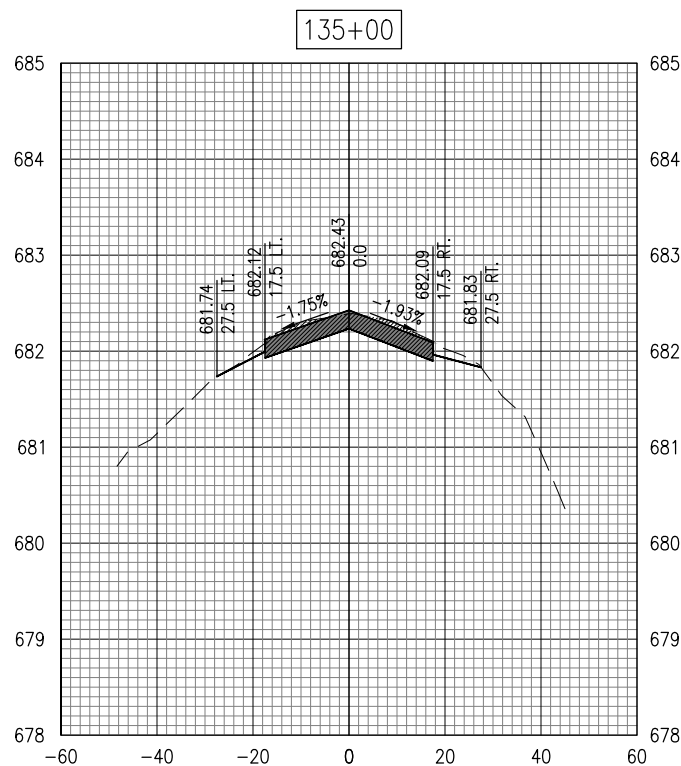
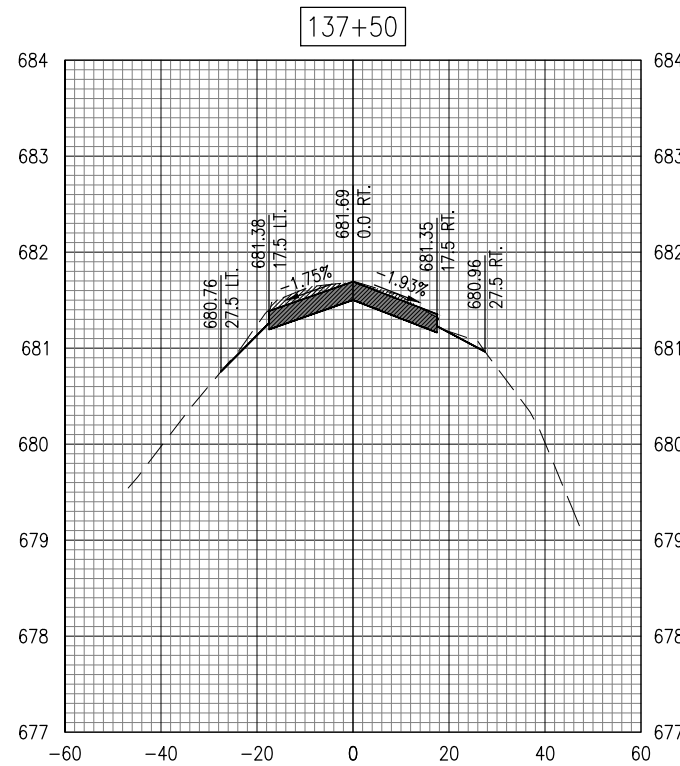
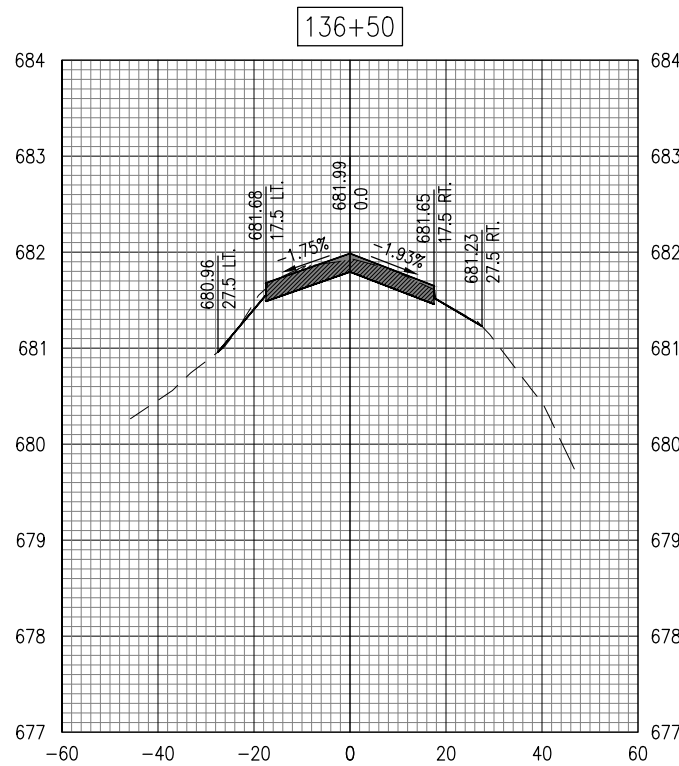
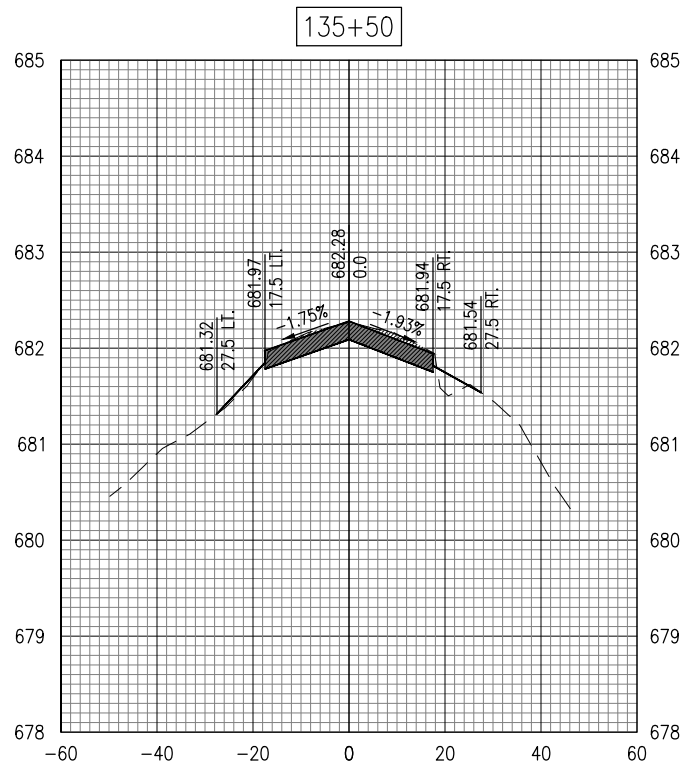
SHEET TITLE

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



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

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



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-302-XS.DWG  
DESIGN BY: MJD 09/02/2020  
DRAWN BY: MJD 09/02/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

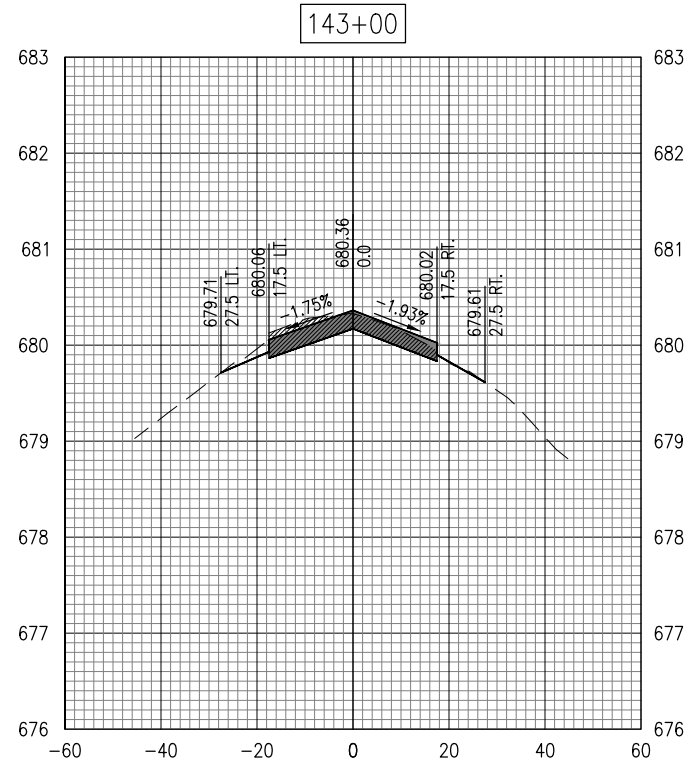
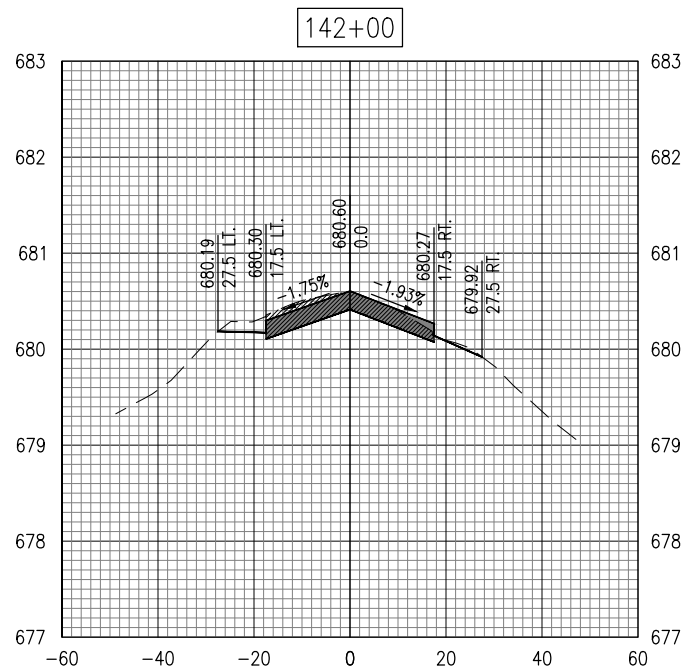
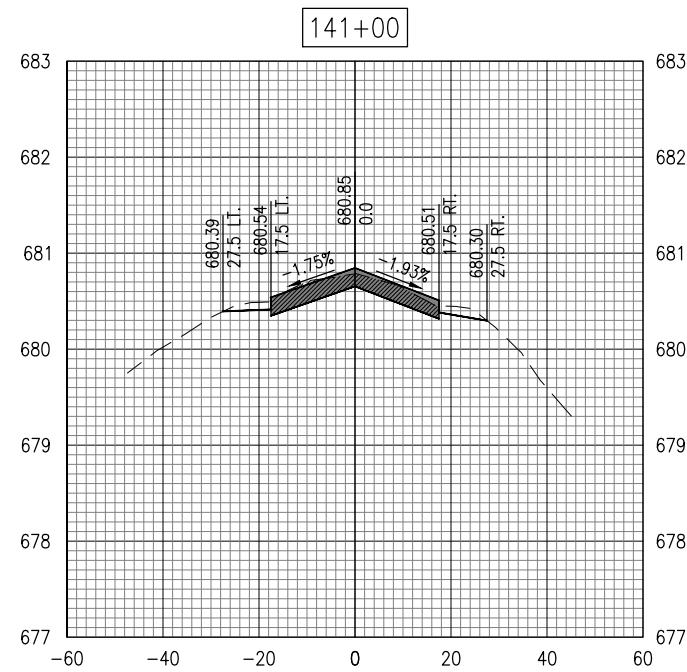
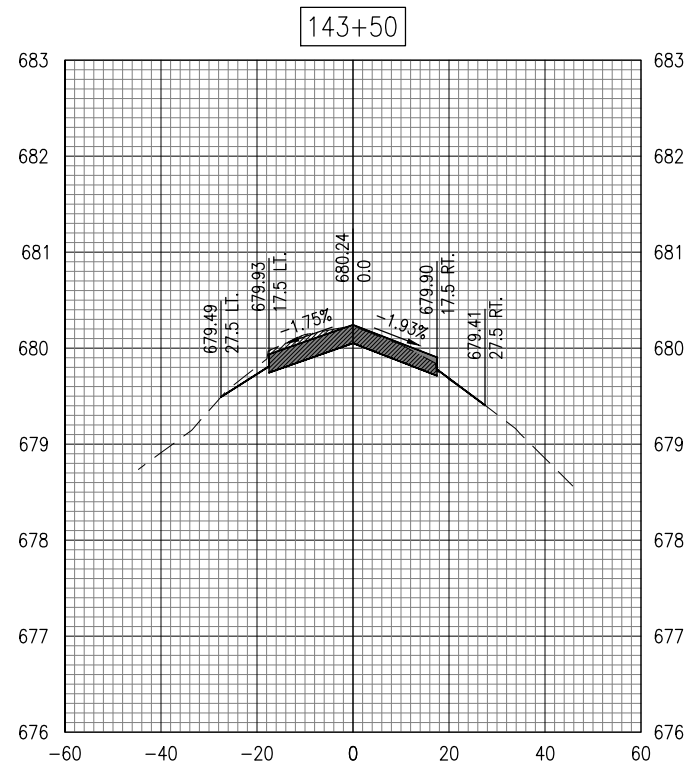
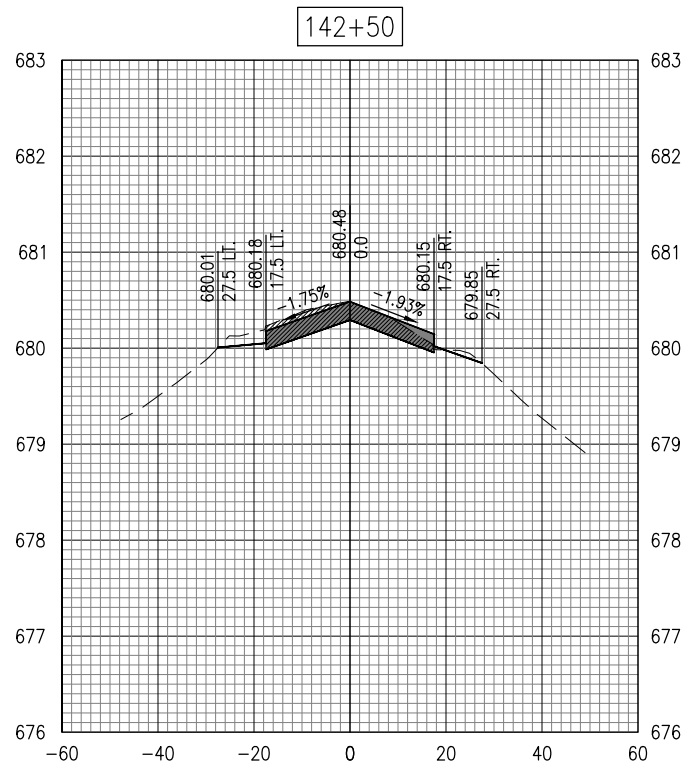
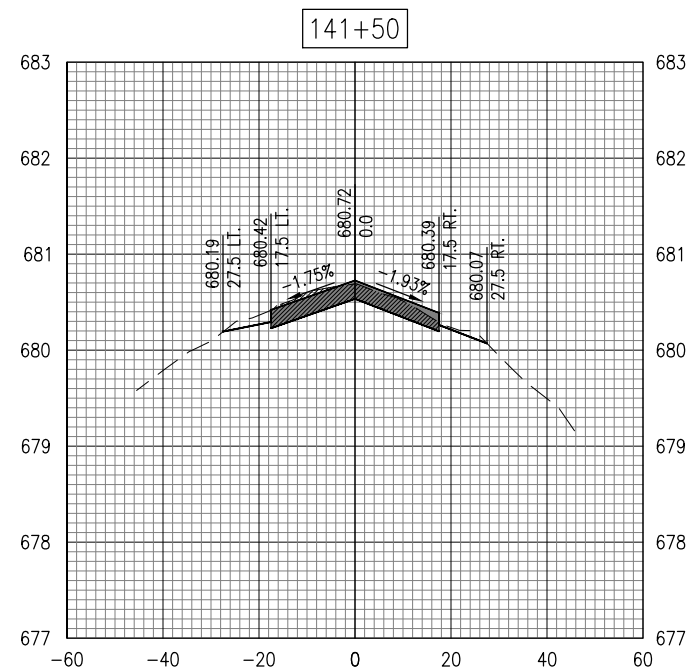
TWY A (EAST)  
CROSS-SECTIONS -  
135+00 - 137+50







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



REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033


NO.	DATE	DESCRIPTION		
		DES	DWN	REV

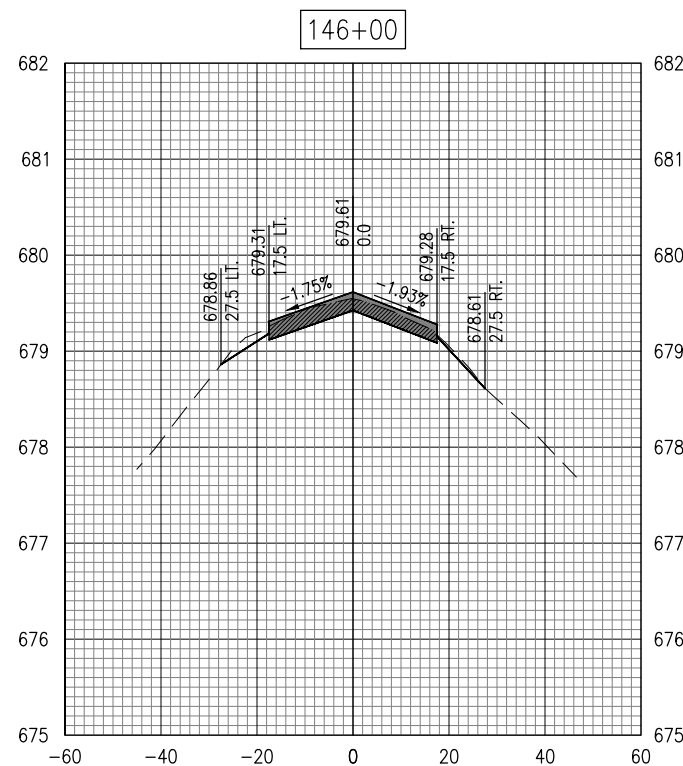
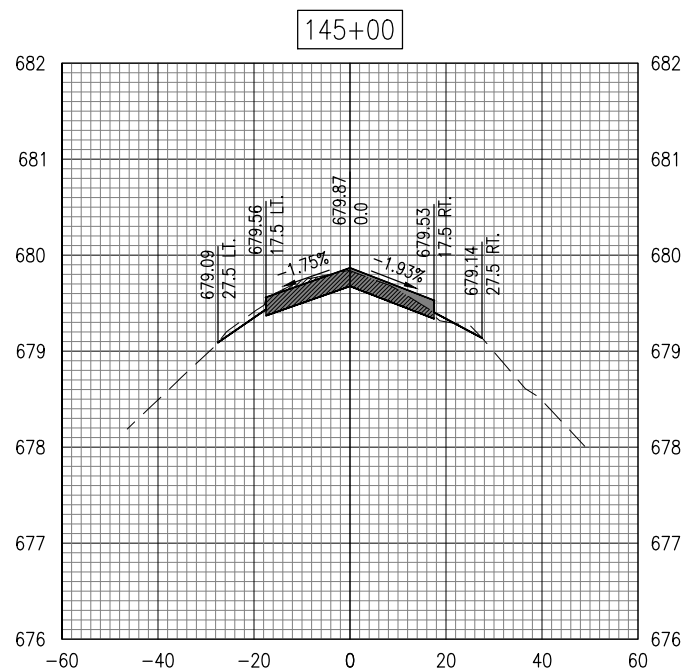
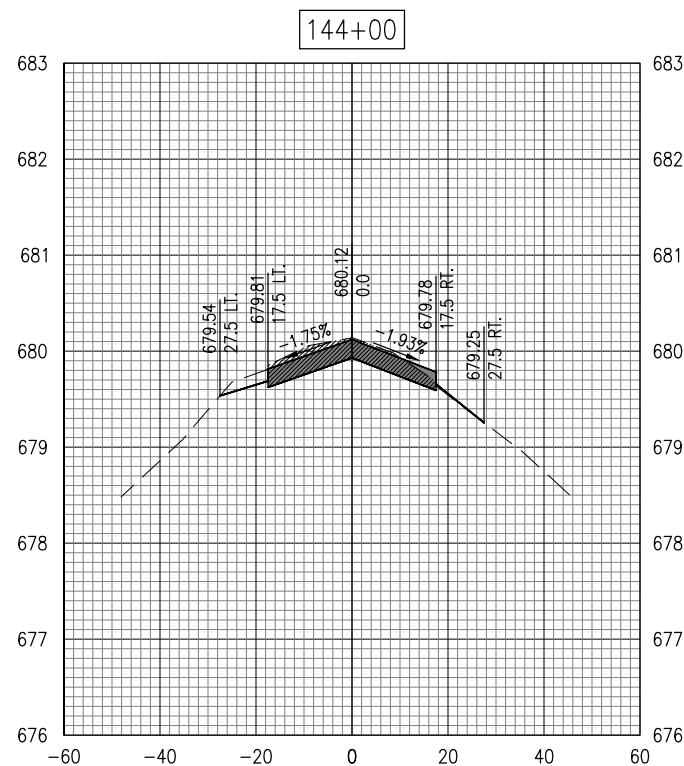
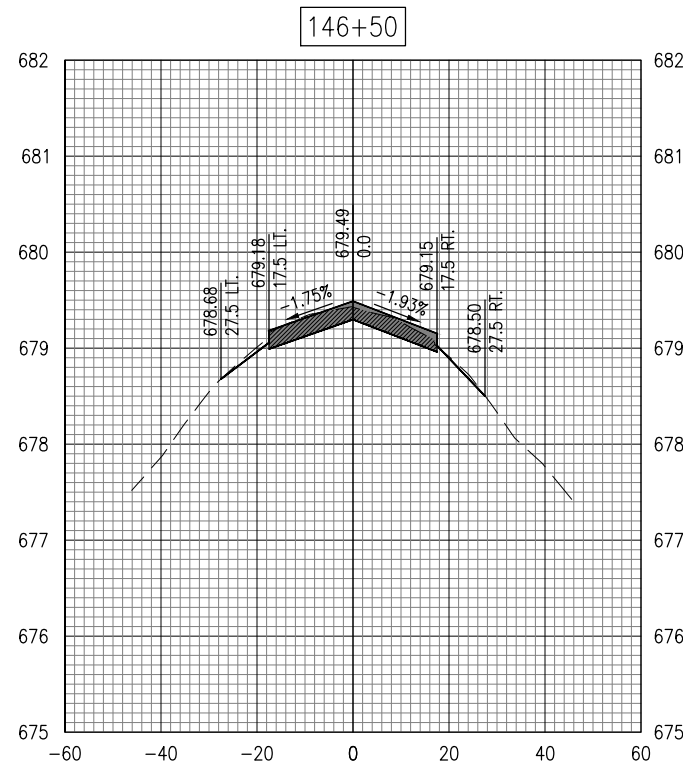
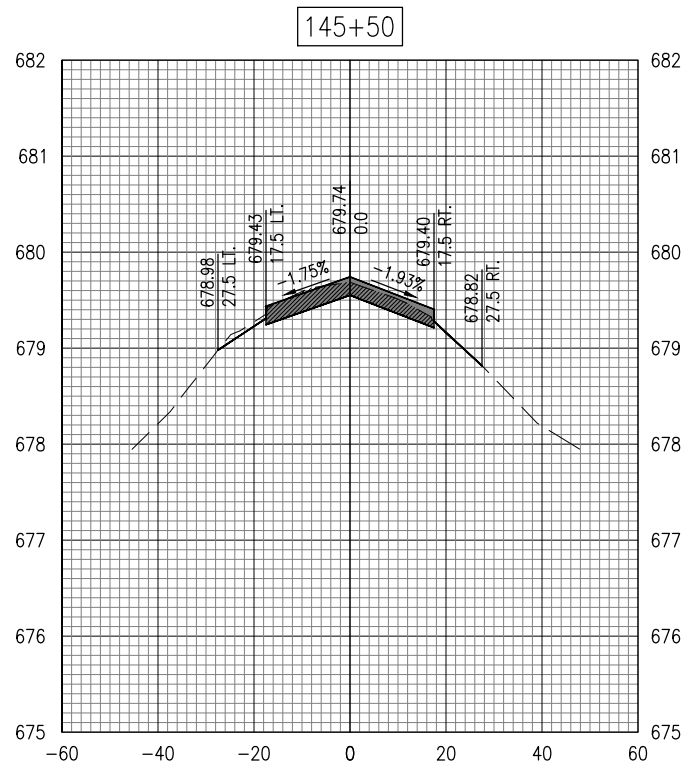
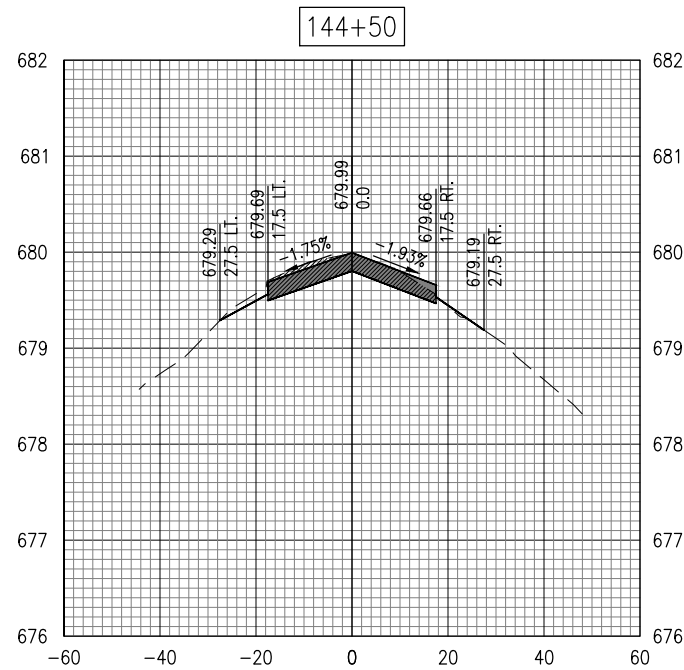
ISSUE: 11/13/2020  
PROJECT NO: 20A0004  
CAD FILE: C-302-XS.DWG  
DESIGN BY: MJD 09/02/2020  
DRAWN BY: MJD 09/02/2020  
REVIEWED BY: LDH 11/12/2020

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 TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

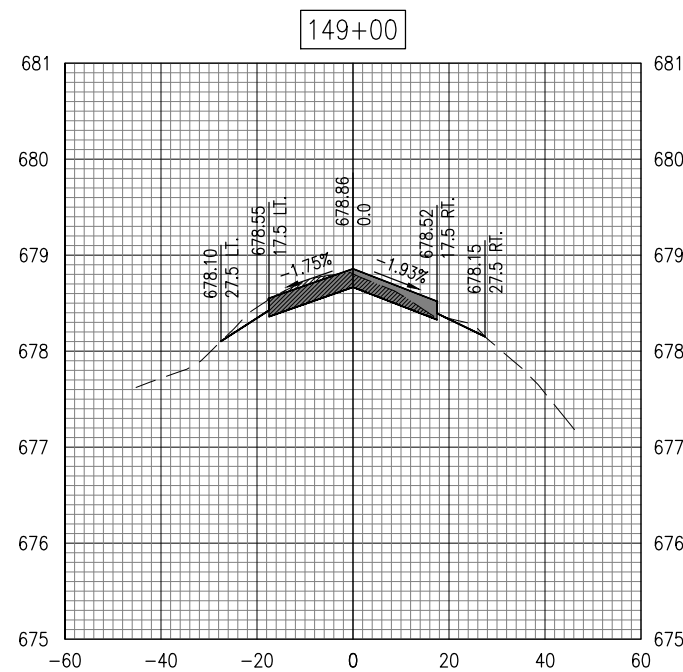
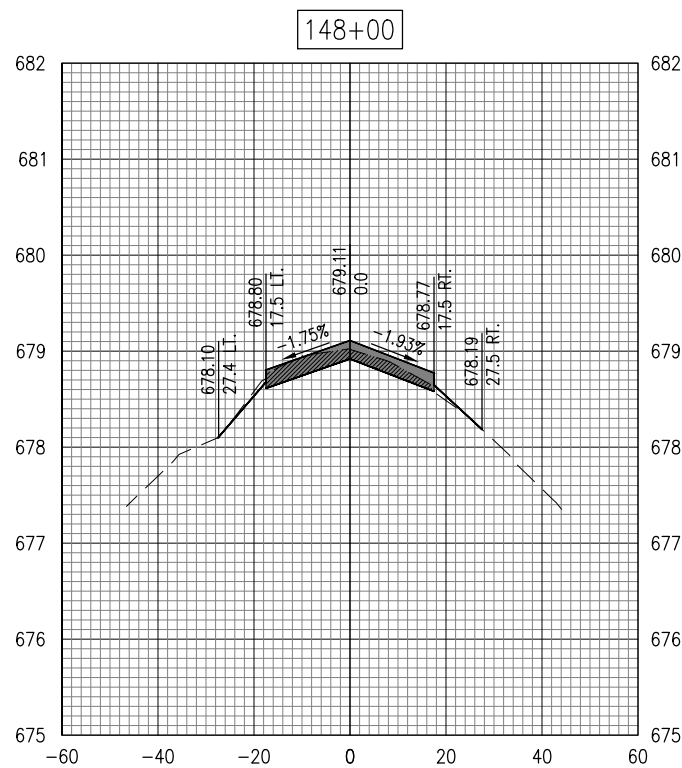
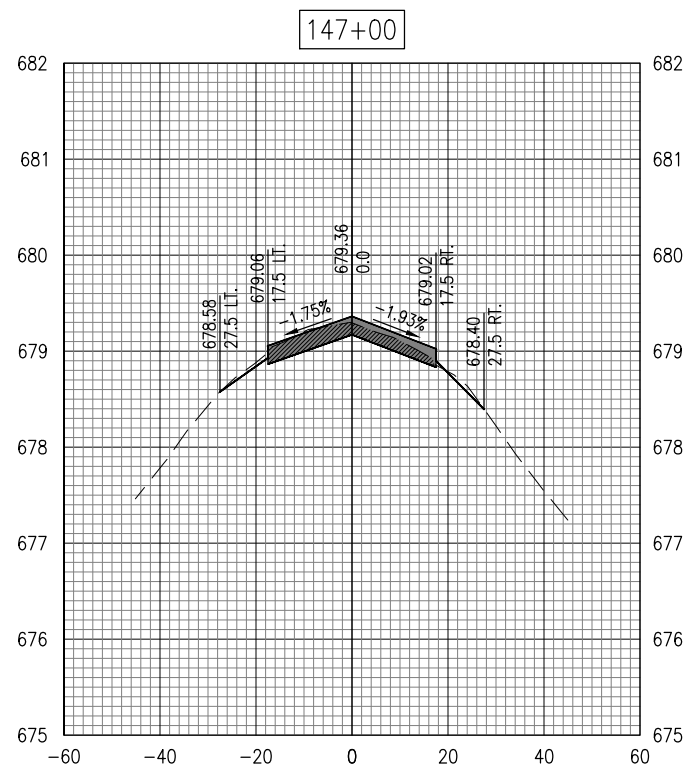
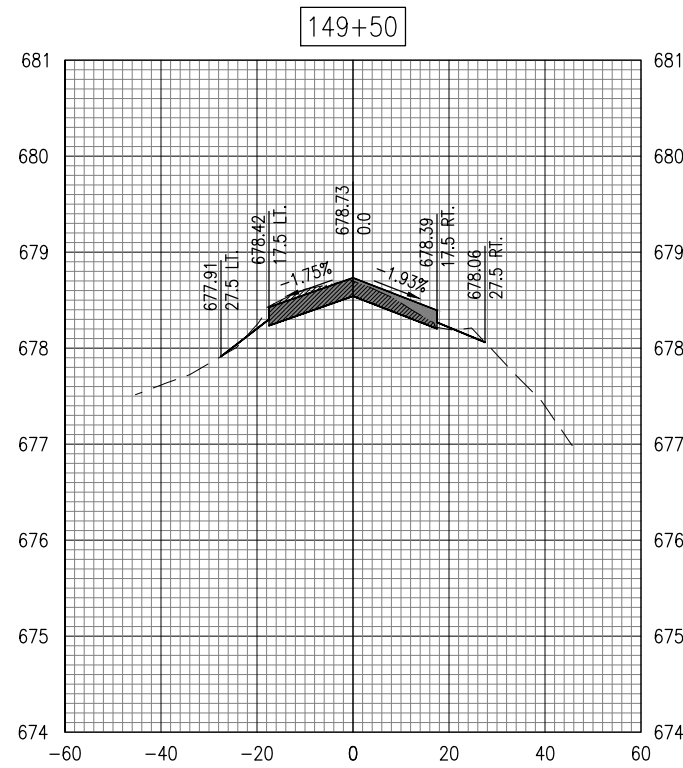
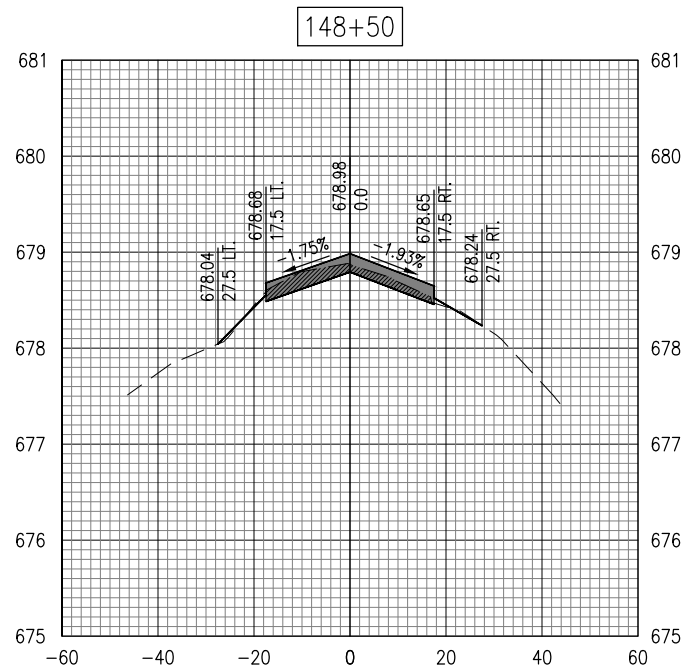
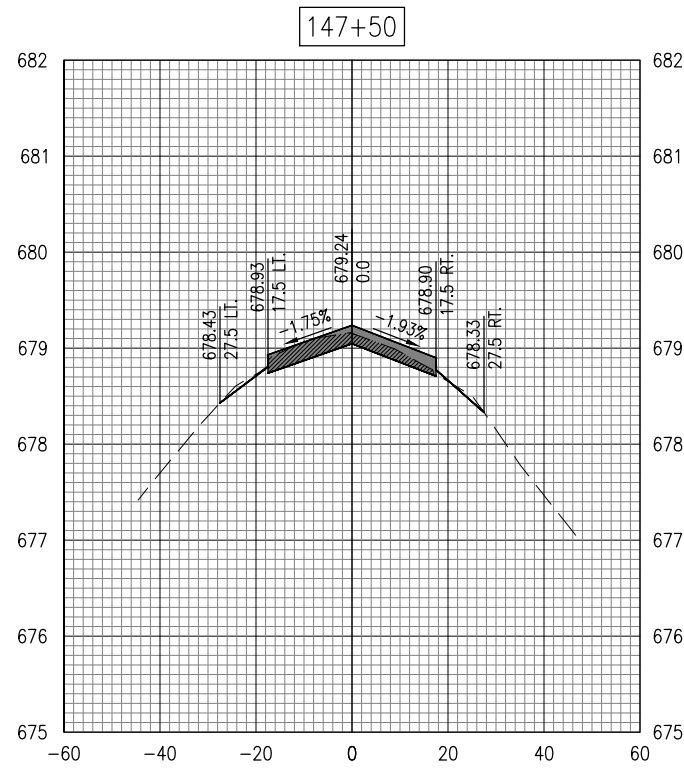
ISSUE: 11/13/2020  
PROJECT NO: 20A0004  
CAD FILE: C-302-XS.DWG  
DESIGN BY: MJD 09/02/2020  
DRAWN BY: MJD 09/02/2020  
REVIEWED BY: LDH 11/12/2020

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 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-302-XS.DWG  
DESIGN BY: MJD 09/02/2020  
DRAWN BY: MJD 09/02/2020  
REVIEWED BY: LDH 11/12/2020

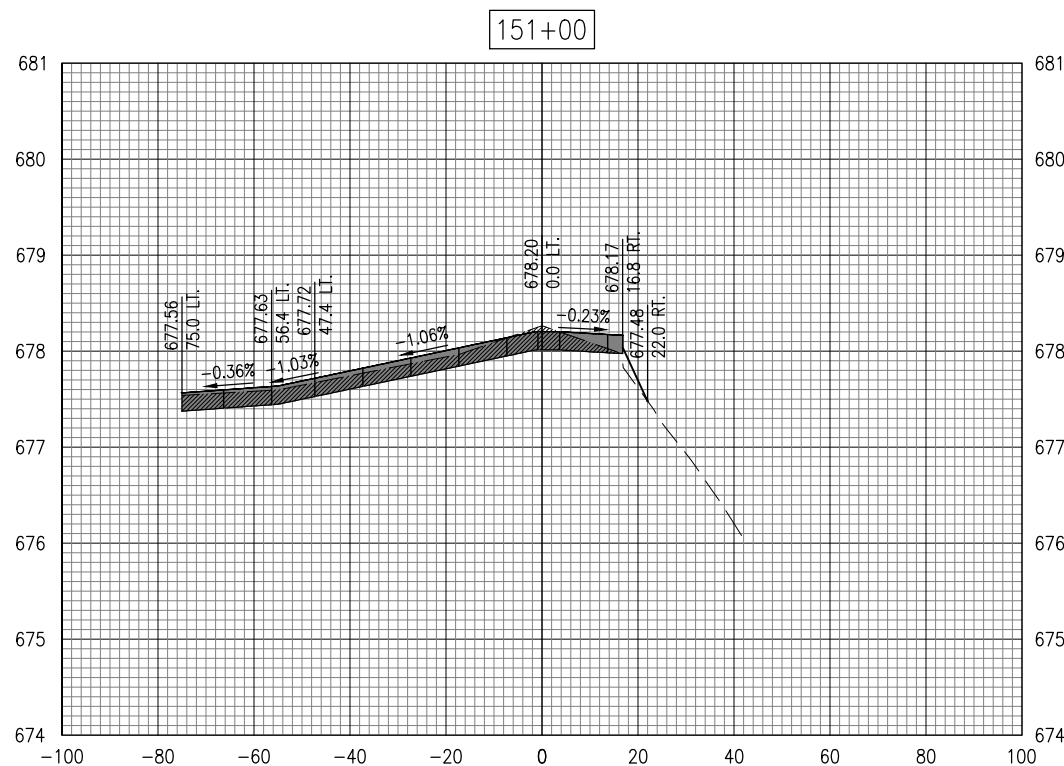
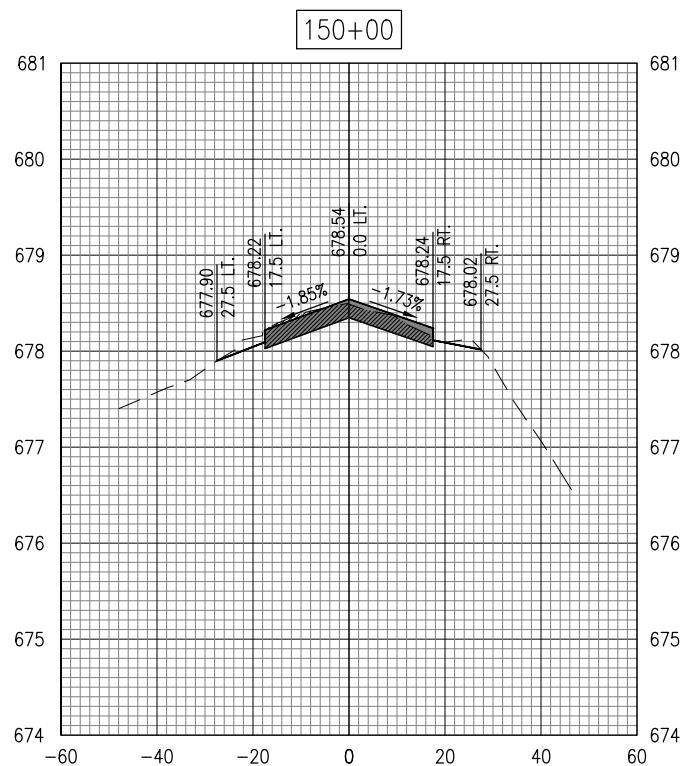
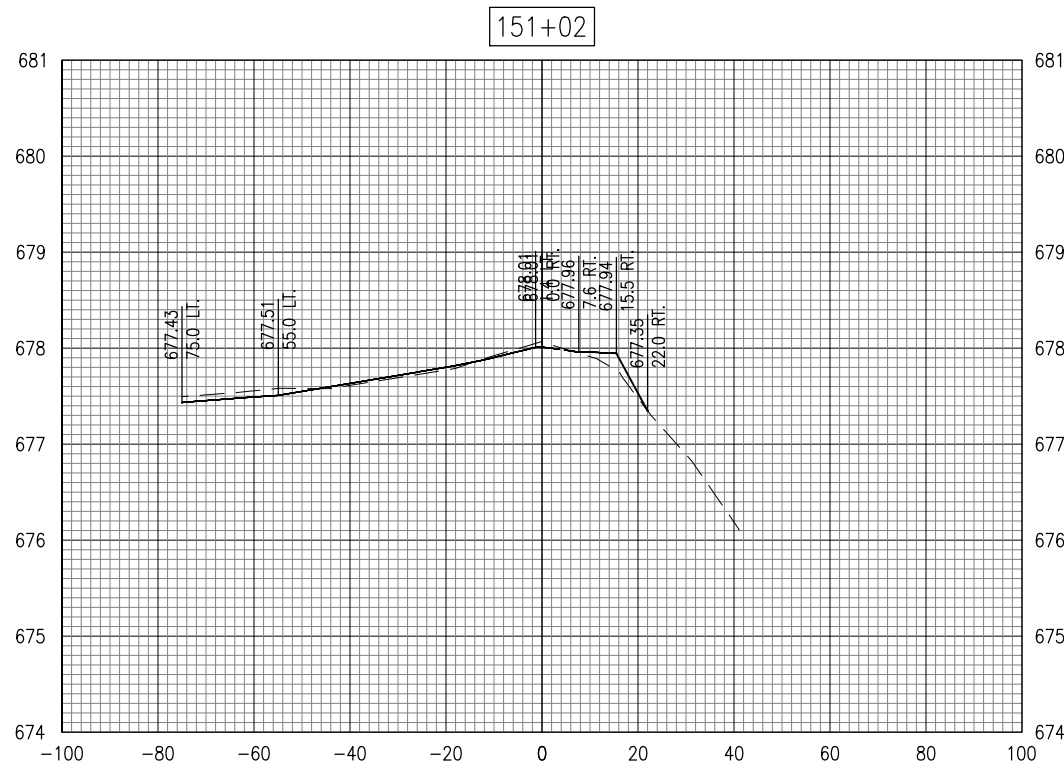
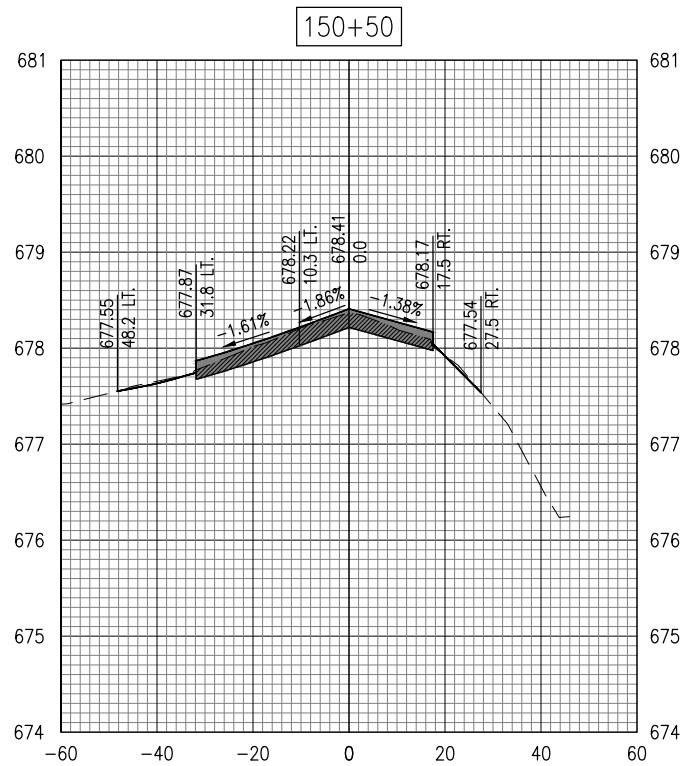
SHEET TITLE

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 TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

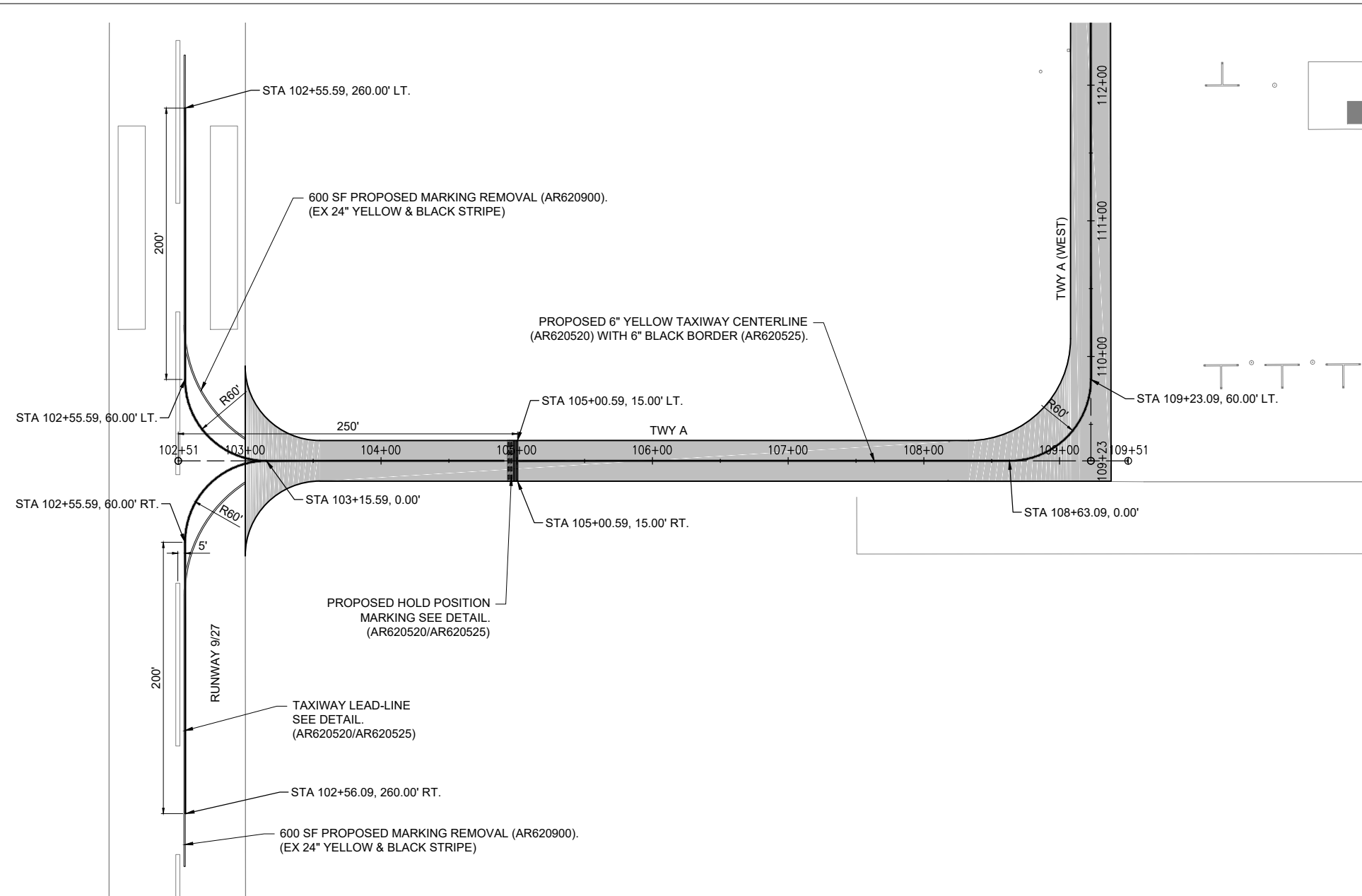
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		DES	DWN	REV

ISSUE: 11/13/2020  
PROJECT NO: 20A0004  
CAD FILE: C-302-XS.DWG  
DESIGN BY: MJD 09/02/2020  
DRAWN BY: MJD 09/02/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

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





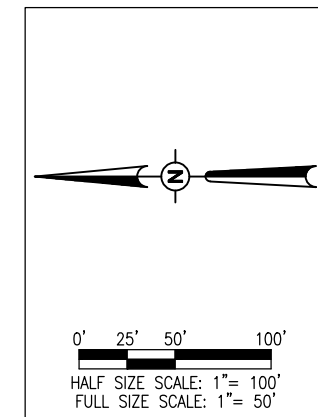
**WATERBORNE PAVEMENT MARKING NOTES**

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 POROUS FRICTION COURSE (PFC) 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.

**PAVEMENT MARKING REMOVAL NOTES**

1. THE AREAS OF EXISTING MARKING DESIGNATED FOR REMOVAL MAY ONLY BE REMOVED BY GRINDING. WATER, SHOT, OR SAND BLASTING WILL NOT BE ALLOWED.

MARKING SCHEDULE			
AR620520 - PAVEMENT MARKING - WATERBORNE (YELLOW)			
DESCRIPTION	UNIT AREA (S.F.)	NO. REQUIRED	TOTAL AREA (S.F.)
6" TAXIWAY CENTERLINES - TWY A (WEST), TWY A2, TWY A3	3974	1	3974
12" APRON TAXILANES (RE-MARK)	729	1	729
HOLDING POSITION - TWY A & TWY A1	90	2	180
HOLDING POSITION - TWY A (EAST), TWY A2, & TWY A3	104	4	416
AR620525 PAVEMENT MARKING - BLACK BORDER			
DESCRIPTION	UNIT AREA (S.F.)	NO. REQUIRED	TOTAL AREA (S.F.)
TAXIWAY CENTERLINES	8550	1	8550
HOLDING POSITION - TWY A & TWY A1	150	2	300
HOLDING POSITION - TWY A (EAST), TWY A2, & TWY A3	176	4	704
AR620900 PAVEMENT MARKING REMOVAL			
DESCRIPTION	TOTAL AREA (S.F.)		
LEAD-OFF TAXIWAY MARKINGS (POROUS FRICTION COURSE/ASPHALT PAVEMENT)	3000		
TAXIWAY A2 (ONLY APPLIES IF ADD AL.T NO. 1 IS NOT AWARDED)	210		



**REHABILITATE PARALLEL TAXIWAY TO RUNWAY 9-27**

IDA No: MQB-4569

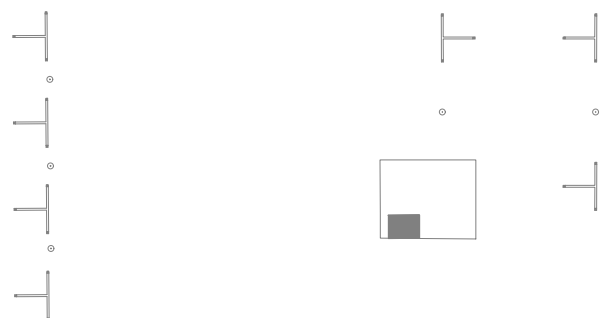
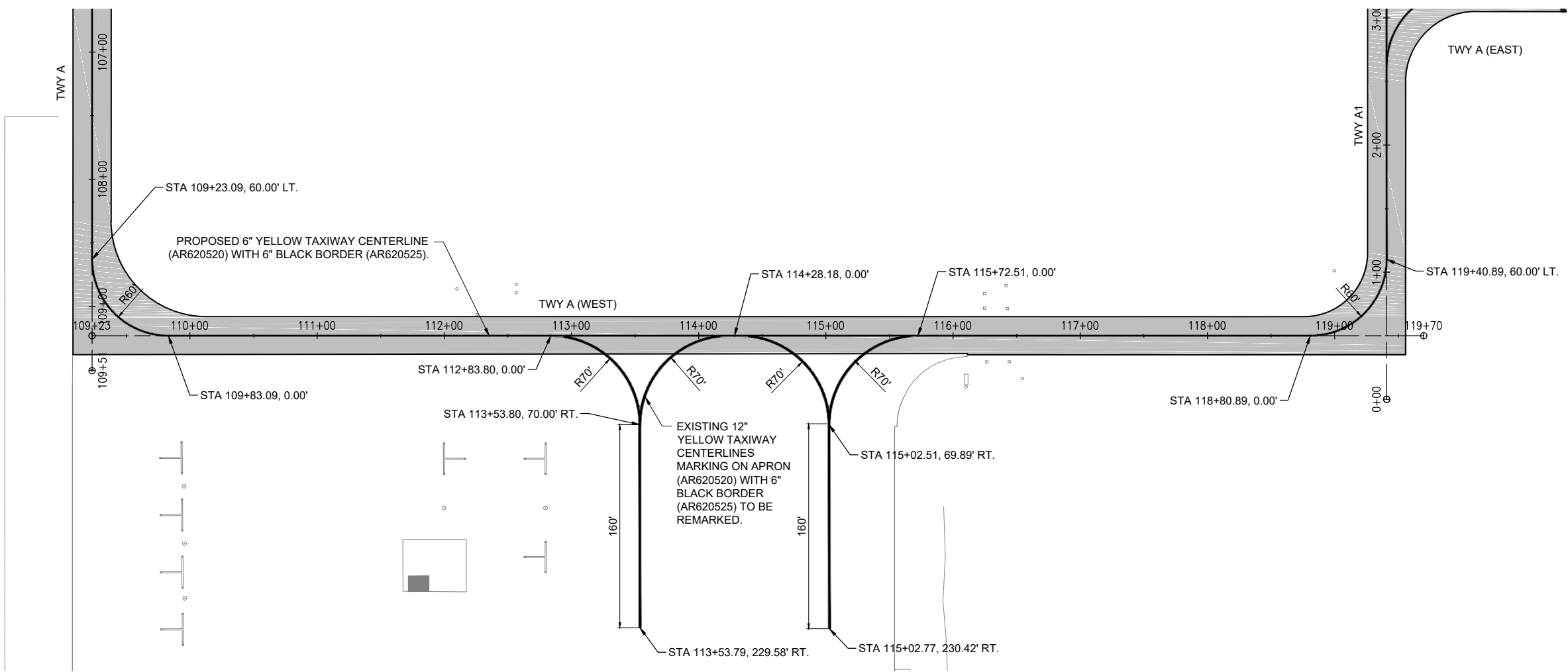
Contract No.: MB033

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: 11/13/2020  
PROJECT NO: 20A0004  
CAD FILE: C-103-MRK.DWG  
DESIGN BY: MJD 08/19/2020  
DRAWN BY: HLE 08/20/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

**PROPOSED MARKING PLAN - TWY A**



REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

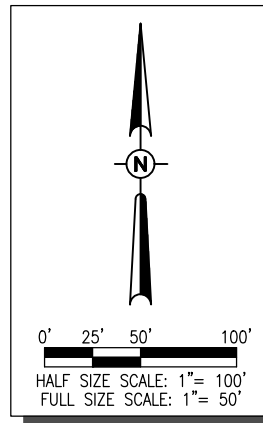
Contract No.: MB033

NO.	DATE	DESCRIPTION		
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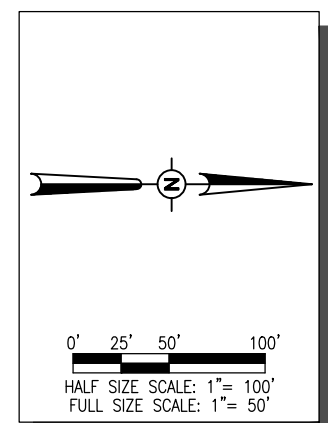
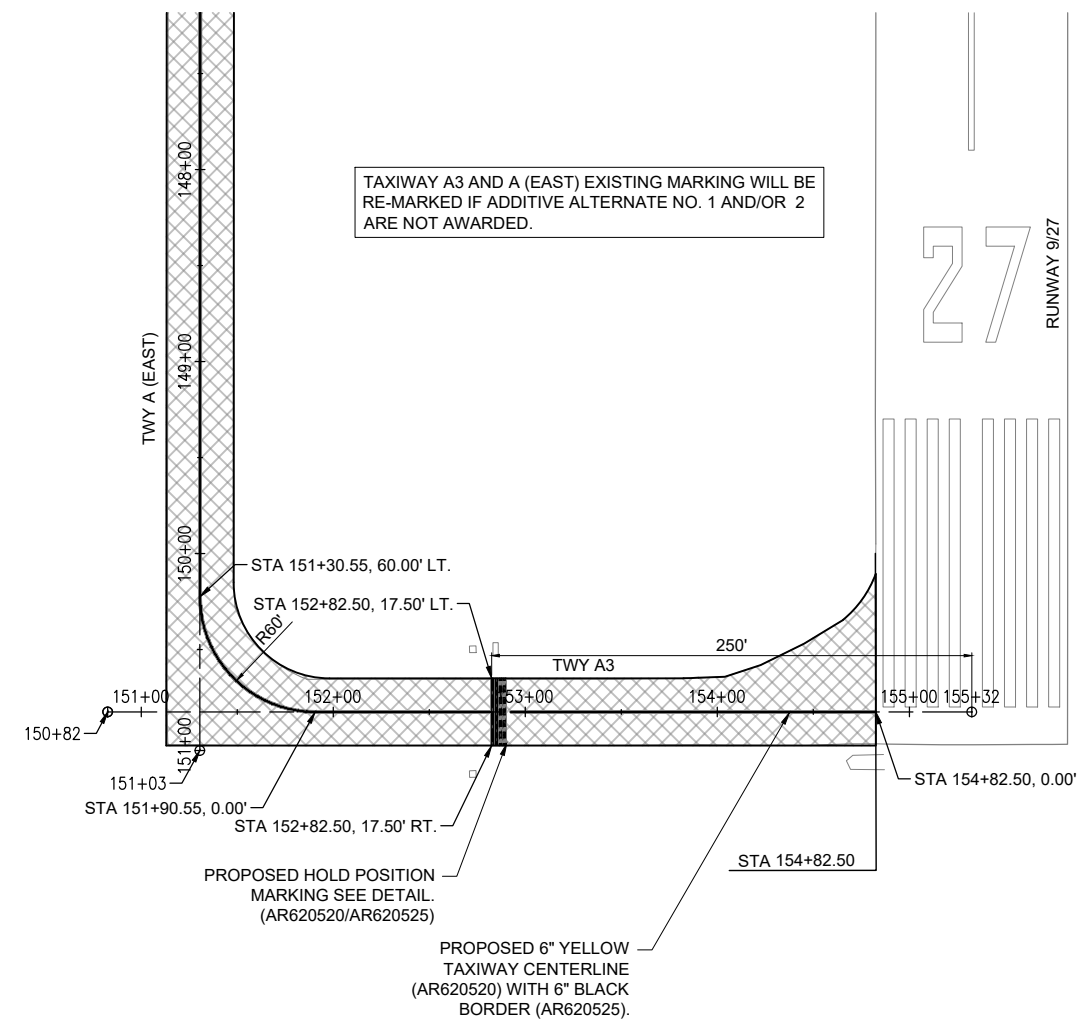
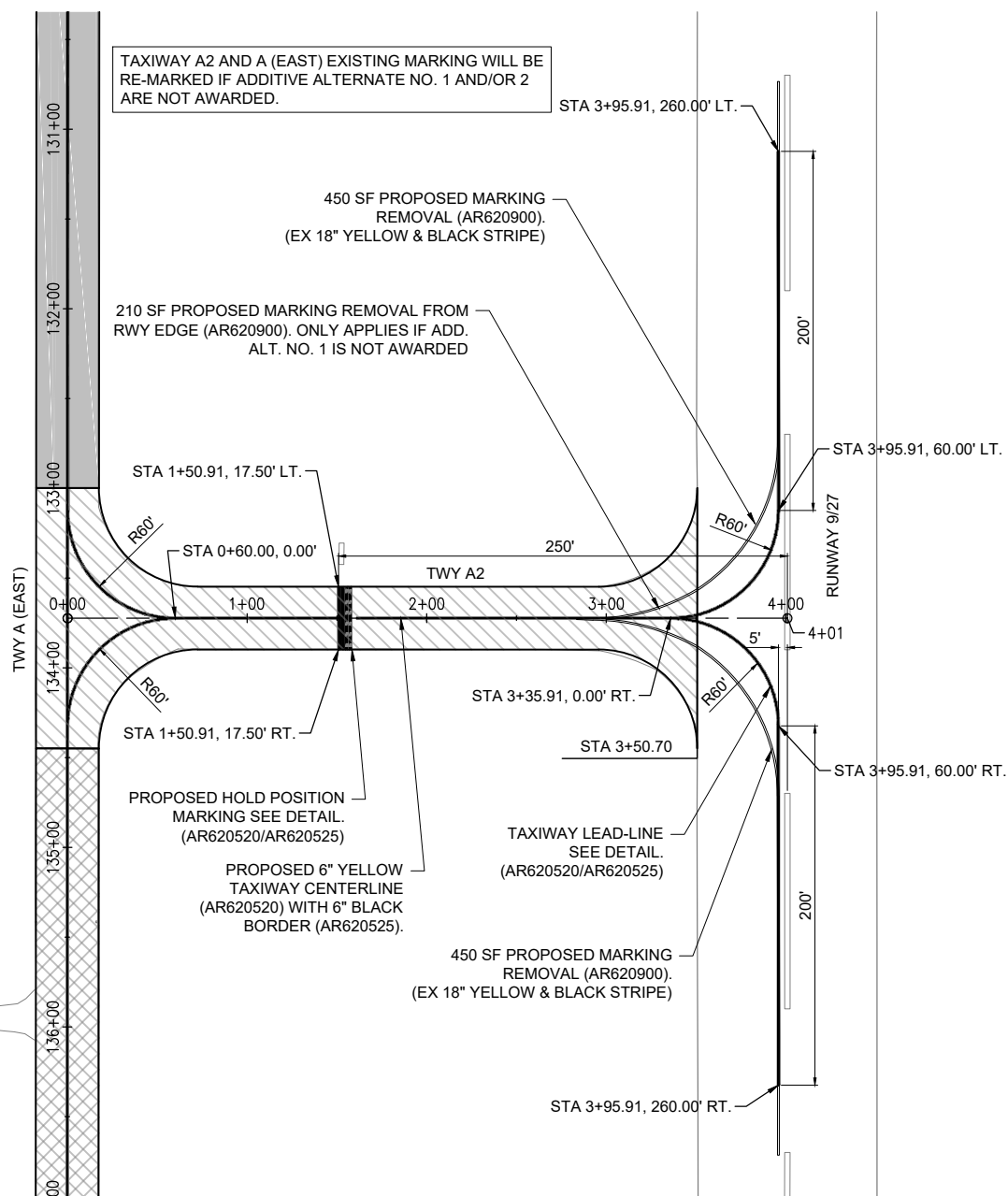
ISSUE: 11/13/2020  
PROJECT NO: 20A0004  
CAD FILE: C-103-MRK.DWG  
DESIGN BY: MJD 08/19/2020  
DRAWN BY: HLE 08/20/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

PROPOSED MARKING  
PLAN - TWY A (WEST)







REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

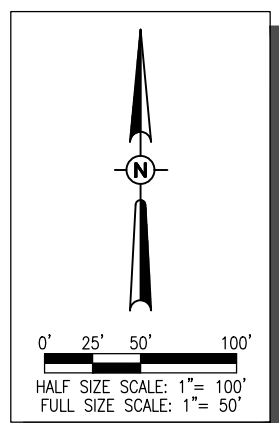
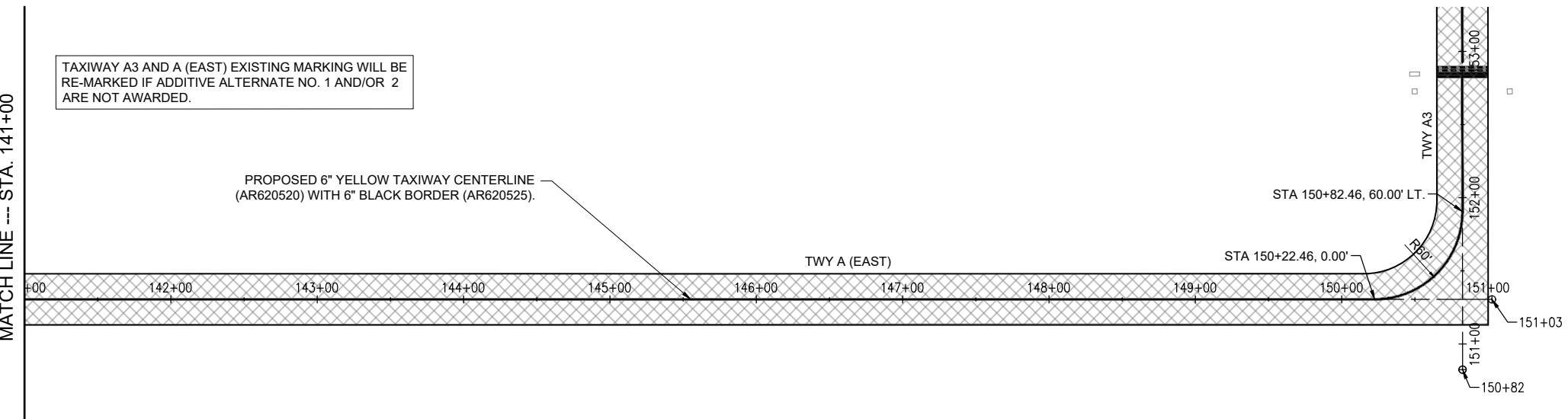
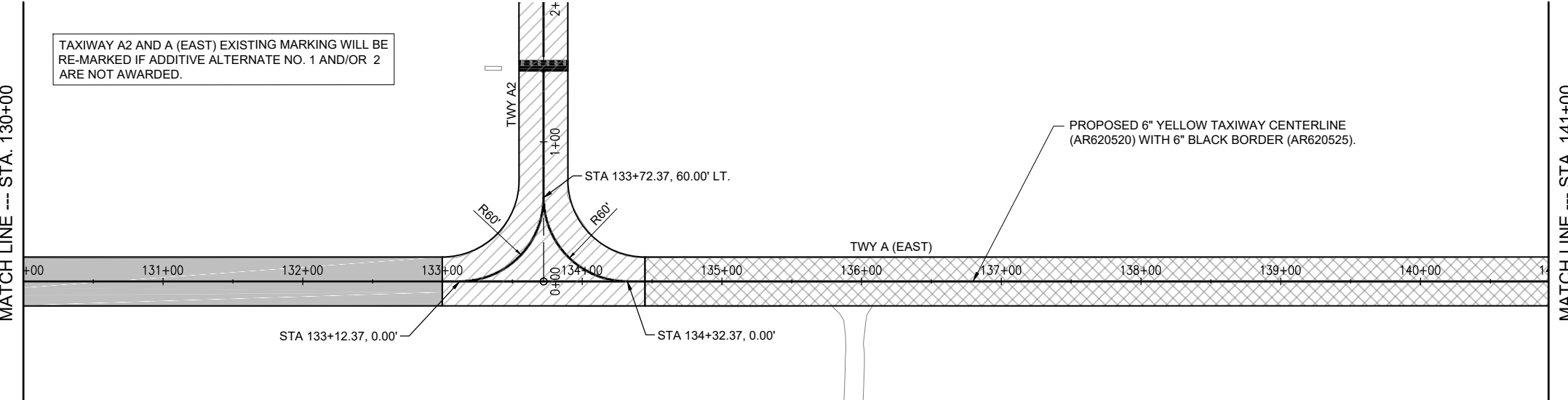
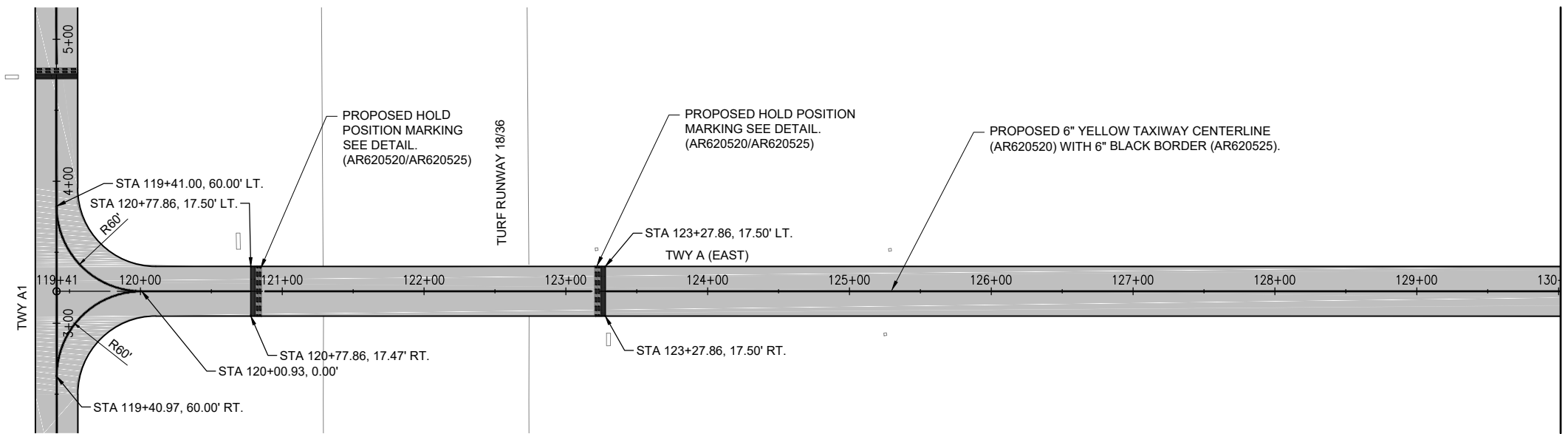
Contract No.: MB033

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: 11/13/2020  
PROJECT NO: 20A0004  
CAD FILE: C-103-MRK.DWG  
DESIGN BY: MJD 08/19/2020  
DRAWN BY: HLE 08/20/2020  
REVIEWED BY: LDH 11/12/2020

SHEET TITLE

PROPOSED MARKING  
PLAN - TWY A2 & A3



REHABILITATE  
PARALLEL TAXIWAY TO  
RUNWAY 9-27

IDA No: MQB-4569

Contract No.: MB033

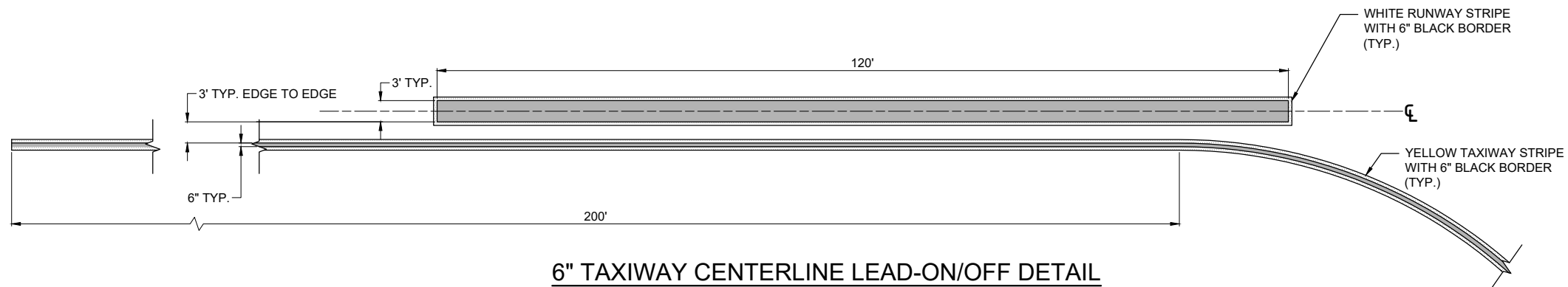
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ISSUE: 11/13/2020  
PROJECT NO: 20A0004  
CAD FILE: C-103-MRK.DWG  
DESIGN BY: MJD 08/19/2020  
DRAWN BY: HLE 08/20/2020  
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SHEET TITLE

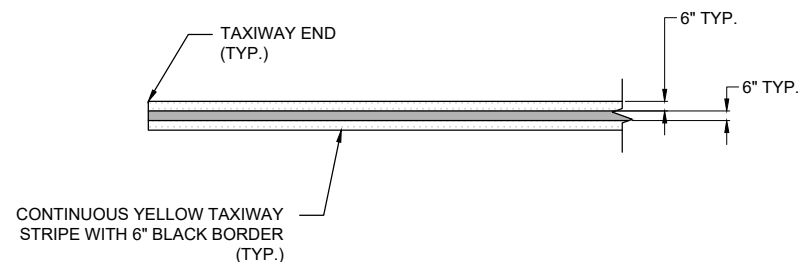
PROPOSED MARKING  
PLAN - TWY A (EAST)





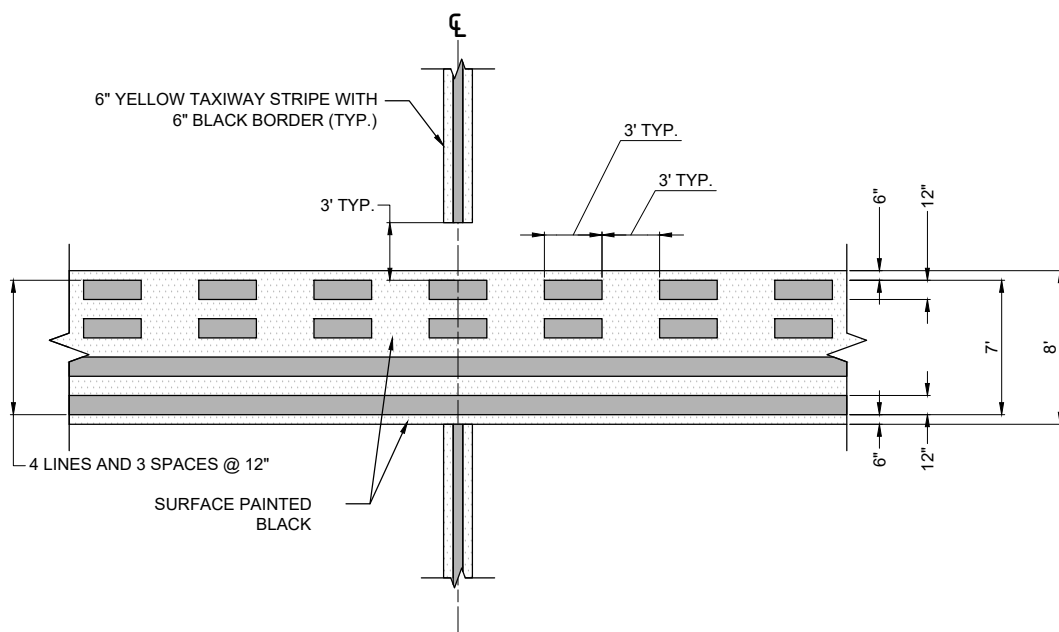
**6" TAXIWAY CENTERLINE LEAD-ON/OFF DETAIL**

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 08/13/2020  
DRAWN BY: MJD 08/13/2020  
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SHEET TITLE

MARKING DETAILS