

LOCATION MAP
SCALE: 1"=2000'

LUMPKIN COUNTY- WIMPYS AIRPORT CRACK SEALING AND RUNWAY REMARKING PROJECT

ADDRESS:
1682 CAMP WASEGA RD.
DAHLONEGA, GA 30533

SUMMARY OF CONSTRUCTION ITEMS

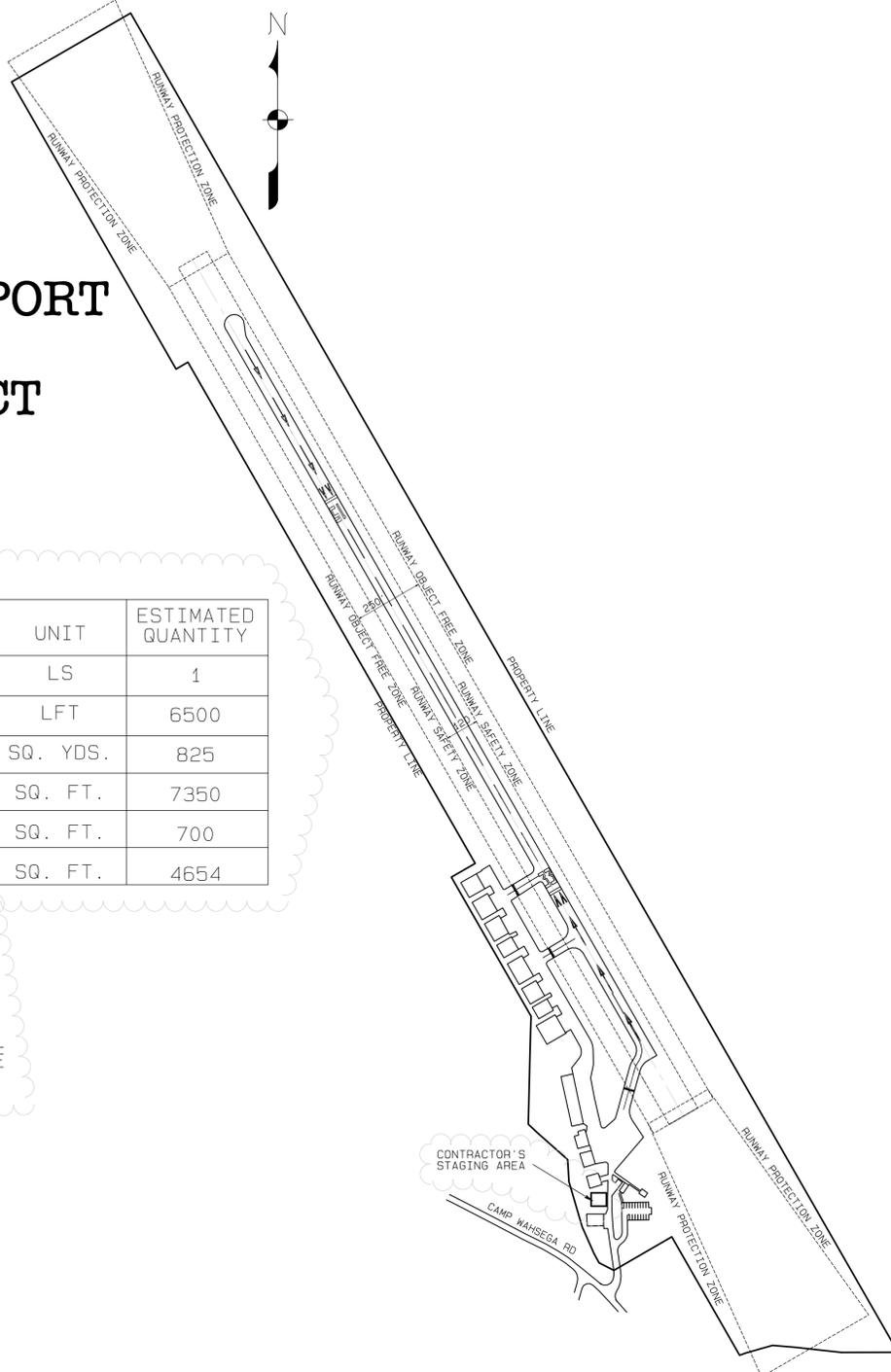
ITEM	SPEC.	DESCRIPTION	UNIT	ESTIMATED QUANTITY
1	FAA C-105	MOBILIZATION	LS	1
2	GDOT- 407	ASPHALT-RUBBER JOINT AND CRACK SEAL TYPE S	LFT	6500
3	GDOT-656	REMOVAL OF PAVEMENT MARKINGS	SQ. YDS.	825
4	FAA P-620	PAINT MARKINGS WHITE W/GLASS BEADS	SQ. FT.	7350
5	FAA P-620	PAINT MARKINGS YELLOW W/GLASS BEADS	SQ. FT.	700
6	FAA P-620	PAINT MARKINGS BLACK	SQ. FT.	4654

PAVEMENT MARKINGS DIMENSIONS TO BE PLACED PER
FAA ADVISORY CIRCULAR AC: 150/5340-1M
ALL PAVEMENT MARKING TO HAVE BLACK BORDER

ALL MATERIALS USED SHALL BE IN ACCORDANCE WITH FAA
SPECIFICATIONS, OR GEORGIA DEPARTMENT OF TRANSPORTATION,
STATE OF GEORGIA, STANDARD SPECIFICATIONS CONSTRUCTION OF
TRANSPORTATION SYSTEMS, 2021 EDITION EXCEPT FOR ELECTRICAL
ITEMS OF WORK WHICH SHALL BE IN ACCORDANCE WITH APPLICABLE
FAA SPECIFICATIONS.

PAVEMENT MARKINGS: MATERIALS SPEC. 1952D

CRACK SEALING LOCATION AS DIRECTED BY ENGINEER



EXISTING CONDITIONS
SCALE: 1"=300'

GENERAL SEQUENCE OF CONSTRUCTION:

1. PRE-CONSTRUCTION MEETING TO BE HELD ONSITE PRIOR TO COMMENCEMENT OF ACTIVITIES. CONTRACTOR TO SCHEDULE AND CONTACT ALL ATTENDEES TO INCLUDE, BUT NOT LIMITED TO, DESIGN PROFESSIONAL, AGENCY REPRESENTATIVES, OWNER, AND SUB-CONTRACTORS.
2. CONTRACTOR TO BEGIN CRACK SEALING AS DIRECTED BY ENGINEER
3. CONTRACTOR TO BEGIN OBLITERATION OF MARKING AND STRIPING WHERE APPLICABLE.
4. CONTRACTOR TO CLEAN PAVEMENT PRIOR TO MARKING AND STRIPING.
5. CONTRACTOR TO BEGIN MARKING AND STRIPING.
6. DESIGN PROFESSIONAL AND OWNER TO INSPECT SITE FOR CONSTRUCTION COMPLIANCE.
7. CONTRACTOR TO REPAIR ITEMS DETERMINED UNSUITABLE

GENERAL NOTES:

1. CONTRACTOR'S STAGING AREA SHALL BE AS SHOWN ON THIS SHEET. THIS SITE SHALL BE USED FOR THE AS A SITE FOR PARKING CONSTRUCTION EQUIPMENT, AND IN GENERAL AS A BASE OF OPERATIONS FOR THE CONTRACTOR.
2. ALL REQUIRED BARRICADES, SPECIAL MARKING, AND FLAGGING OF AIRPORT OPERATIONS AREAS, ETC. SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL CONFORM TO THE REQUIREMENTS OF FAA ADVISORY CIRCULAR NO. 150/5370-26 FOR CONSTRUCTION ON AIRPORTS. NO SEPARATE MEASUREMENT OR PAYMENT FOR THESE ITEMS.
3. DURING NON- CONSTRUCTION PERIODS AND HOURS OF DARKNESS, THE CONTRACTOR SHALL RETURN ALL CONSTRUCTION EQUIPMENT TO THE STAGING AREA.
4. THE CONTRACTOR SHALL HAVE A RADIO AVAILABLE AND IN USE AT ALL TIMES WHILE WORKING ON THE AIRFIELD (FREQUENCY 122.9).
5. THE AIRPORT MANAGER WILL ISSUE NOTAMS REGARDING CONSTRUCTION ACTIVITIES IF NEEDED AND IS TO BE KEPT INFORMED REGARDING AIRFIELD CONDITIONS DURING CONSTRUCTION. ACTIVITIES REQUIRING A NOTAM WILL REQUIRE AT LEAST 72 HOUR NOTICE TO AIRPORT MANAGEMENT BY THE CONTRACTOR.
6. CONTRACTOR'S ATTENTION IS CALLED TO SAFETY PROVISIONS OF SPECIFICATIONS AND PARTICULAR TO SECTION 01030 (CONSTRUCTION SAFETY PLAN) THAT REFERS TO FAA ADVISORY CIRCULAR NO. 150/5370-26 (OR LATEST EDITION).
7. CONTRACTOR TO REMOVE TRASH AND FOREIGN OBJECT DEBRIS DAILY.
8. FAA 7460 "NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION" MUST BE SUBMITTED TO GDOT FOR REVIEW AND APPROVED BY FAA VIA OE/AAA SUBMITTAL SITE PRIOR TO CONSTRUCTION, PLEASE ALLOW UP TO 120 DAYS FOR REVIEW AND APPROVAL.
9. THIS PROJECT UTILIZES GEORGIA STATE PLANE-WEST COORDINATES.
10. CONTRACTOR SHALL FOLLOW THE REQUIREMENTS OF FAA ADVISORY CIRCULAR NO. 150/5210-5D FOR PAINTING, MARKING, AND LIGHTING OF VEHICLES USED ON AIRPORT. FLASHING LIGHT SHALL BE REQUIRED FOR ALL VEHICLES USING CONTRACTOR'S HAUL ROUTE. ALL VEHICLES MUST BE PROVIDED WITH A FLAG ON A STAFF ATTACHED TO THE VEHICLE SO THAT THE FLAG WILL BE READILY VISIBLE. THE FLAG MUST BE AT LEAST A 3' BY 3' SQUARE HAVING A CHECKERED PATTERN OF INTERNATIONAL ORANGE AND WHITE SQUARES AT LEAST 1" ON EACH SIDE.
11. PAVEMENT MARKINGS THAT ARE TO BE REPLACED DO NOT REQUIRE REMOVAL. THESE MARKINGS SHOULD BE CLEANED AND ANY LOOSE MATERIAL REMOVED, THEN THE MARKINGS MAY BE REPAIRED.
12. ALL RUNWAY MARKINGS (INCLUDING THRESHOLD STRIPES, THRESHOLD BAR, RUNWAY CENTERLINE AND NUMERALS) SHALL BE REFLECTIVE AVIATION WHITE.
13. RUNWAY CENTERLINE MARKING SHALL BE 12" WIDE REFLECTIVE AVIATION WHITE. ALL TAXIWAY HOLD LINES SHALL BE REFLECTIVE AVIATION YELLOW. ALL TAXIWAY CENTERLINE MARKING SHALL BE 6" CONTINUOUS REFLECTIVE AVIATION YELLOW.
14. EXISTING STRIPING SHALL BE REMOVED BY WATER BLASTING ONLY. PAVEMENT SHALL BE CLEANED PRIOR TO PAVEMENT MARKING.
15. HERBICIDE SHALL BE APPLIED TO PAVEMENT 30 DAYS PRIOR TO PAINTING TO ENSURE WEED REMOVAL.
16. PAVEMENT MARKING SHALL NOT BE APPLIED UNLESS THE SURFACE IS CLEAN, DRY, AND BETWEEN A SURFACE TEMPERATURE RANGE OF 45 - 130, WITH WINDS LESS THA

SHEET INDEX

SHEET #	SHEET TITLE
M-001	COVER SHEET
M-002	MARKING REMOVAL PLAN
M-003	MARKING PLAN
M-004	MARKING DETAILS



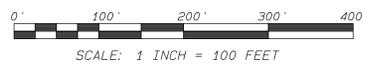
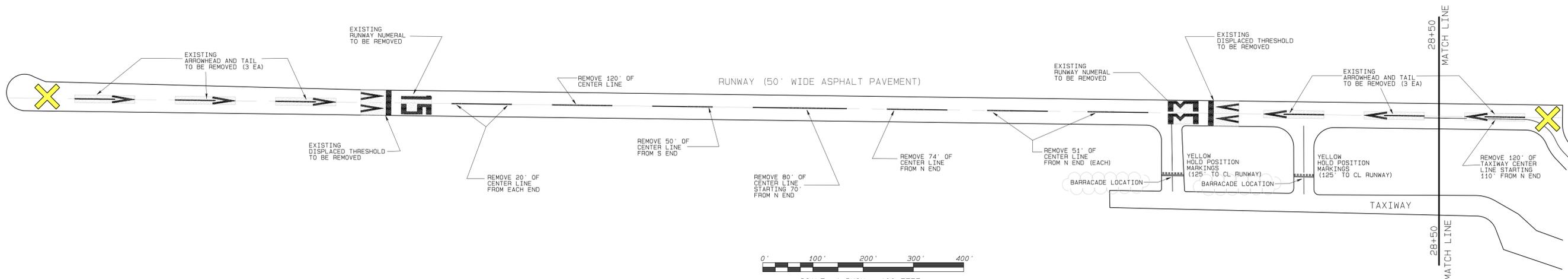
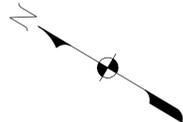
5-23-22

DATE: APRIL 11, 2022
DRAWN BY: LR
SCALE: 1"=300'
SHEET: M-001

COVER SHEET FOR
**LUMPKIN COUNTY- WIMPYS AIRPORT
CRACK SEALING AND
RUNWAY REMARKING PROJECT**
PROJECT: PID T007762 LUMPKIN

REVISIONS:	DESCRIPTION
DATE:	5/23/22
	REVISED PER GDOT COMMENTS DATED 5/10/22. ADDED CRACK SEALING

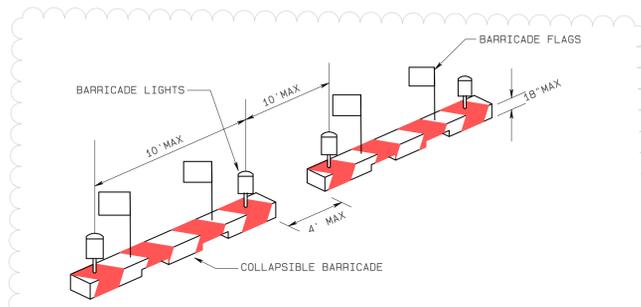
**Lumpkin County
Engineering**
1642 RED OAK FLATS RD
DAHLONEGA, GEORGIA 30533
PHONE: (706) 864-3122



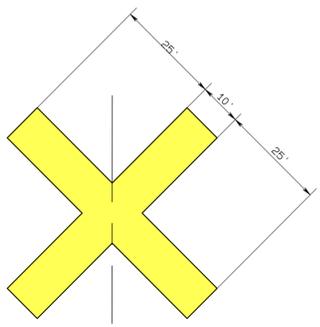
REMOVAL OF MARKINGS SHALL BE PER FEDERAL AVIATION ADMINISTRATION ADVISORY CIRCULAR 150/5340-1M, PARAGRAPH 1.3.6

REMOVAL OF MARKINGS SHALL BE BY WATER BLASTING.

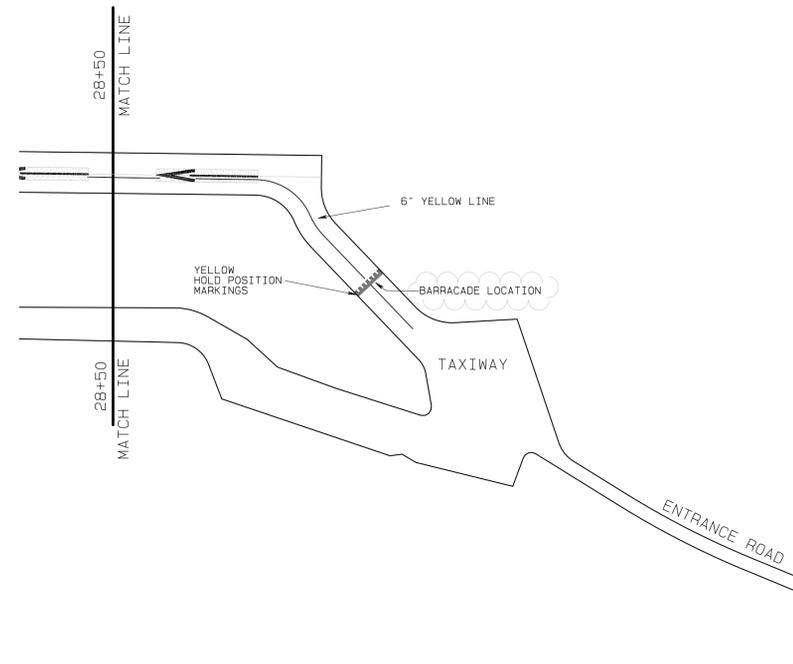
THE PHYSICAL REMOVAL OF ANY OLD MARKING(S) MUST INCLUDE A PREDETERMINED LARGER SIZE AND SHAPE OF A REMOVAL AREA THAT ENCOMPASSES THE OLD MARKING(S) AND BY GROUPING ADJACENT MARKINGS TOGETHER INTO A LARGER RECTANGULAR REMOVAL AREA.



TAXIWAY BARRICADE DETAIL
TO BE PLACED AT EACH RUNWAY HOLD LINE



TEMPORARY CLOSED RUNWAY MARKINGS
TO BE PLACED AT EACH END OF RUNWAY



- BARRICADE NOTES:**
1. CONTRACTOR IS TO BE RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF BARRICADES.
 2. CONTRACTOR IS TO INSTALL BARRICADE AND CLOSE THE SECTION OF RUNWAY AND/OR TAXIWAY UNDER CONSTRUCTION.
 3. BARRICADES MUST BE EASILY COLLAPSIBLE UPON CONTACT WITH AIRCRAFT OR ANY OF ITS COMPONENTS.
 4. TWO (2) BATTERY OR SOLAR-POWERED PHOTOCELL ACTUATED FLASHING RED LIGHTS TO BE SECURELY MOUNTED ON EACH END OF BARRICADE, SPACED NO MORE THAN 10' APART. LIGHTS TO HAVE A MINIMUM OF 5 CANDELA LUMINANCE.
 5. ALTERNATING ORANGE AND WHITE FLAGS, MINIMUM 20" X 20" SQUARE, TO BE SECURELY MOUNTED ON EACH END OF BARRICADE AND TO INCLUDE BRACING TO MAINTAIN FLAG EXTENSION. MAST AND FLAGGING TO BE FIRMLY SECURED TO BARRICADE TO PREVENT INGESTION BY AIRCRAFT AND FOREIGN OBJECT DEBRIS.
 6. BARRICADE TO BE WEIGHTED OR STURDILY ATTACHED TO EXISTING PAVEMENT. IF AFFIXED TO THE SURFACE, THE BARRICADE MUST BE FRANGIBLE AT GRADE LEVEL OR AS LOW AS POSSIBLE, BUT NOT TO EXCEED 3" ABOVE THE GROUND.
 7. NO SEPARATE PAYMENT SHALL BE MADE FOR THE ITEM COST, INSTALLATION AND MAINTENANCE TO BE CONSIDERED AS PART OF THIS PROJECT.
 8. CONTRACTOR IS TO INSTALL BARRICADE AT THE RUNWAY HOLD LINE ON THE CONNECTING TAXIWAY AND CLOSE RUNWAY WHILE WORKING WITHIN THE RUNWAY OBJECT FREE AREA.

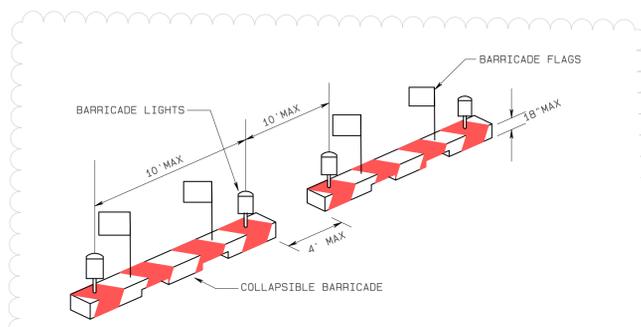
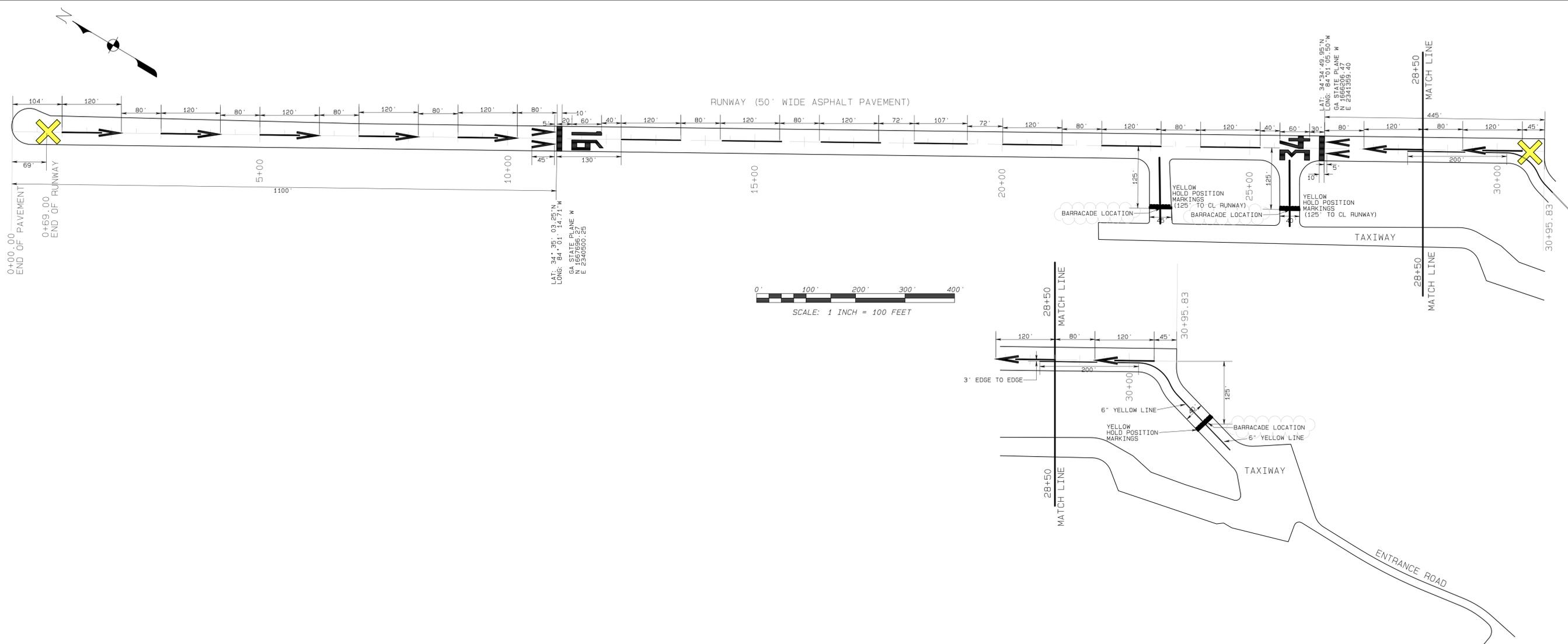


DATE: APRIL 11, 2022
DRAWN BY: LR
SCALE: 1" = 100'
SHEET: M-002

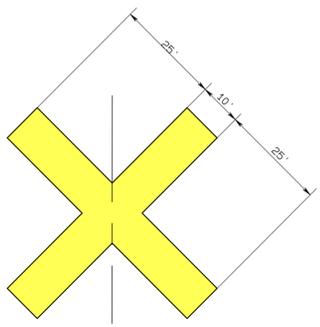
MARKING REMOVAL PLAN FOR
LUMPKIN COUNTY- WIMPYS AIRPORT
CRACK SEALING AND
RUNWAY REMARKING PROJECT
PROJECT: PID T007762 LUMPKIN

REVISIONS:	DESCRIPTION
DATE:	
5/23/22	REVISED PER GDOT COMMENTS DATED 5/10/22. ADDED CRACK SEALING

Lumpkin County Engineering
1642 RED OAK FLATS RD
DAHLONEGA, GEORGIA 30533
PHONE: (706) 864-3122



TAXIWAY BARRICADE DETAIL
TO BE PLACED AT EACH RUNWAY HOLD LINE



TEMPORARY CLOSED RUNWAY MARKINGS
TO BE PLACED AT EACH END OF RUNWAY

- BARRICADE NOTES:**
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5-23-22

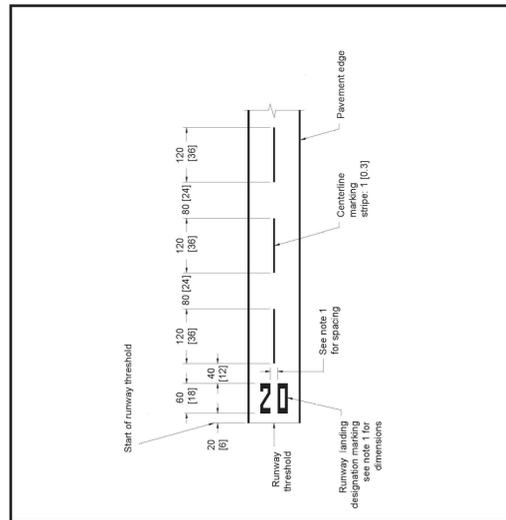
DATE: APRIL 11, 2022
DRAWN BY: LR
SCALE: 1" = 100'
SHEET: M-003

MARKING PLAN FOR
**LUMPKIN COUNTY- WIMPYS AIRPORT
CRACK SEALING AND
RUNWAY REMARKING PROJECT**
PROJECT: PID T007762 LUMPKIN

REVISIONS:	DATE:	DESCRIPTION
	5/23/22	REVISED PER GDOT COMMENTS DATED 5/10/22. ADDED CRACK SEALING

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Figure A-3. Visual Runway Markings

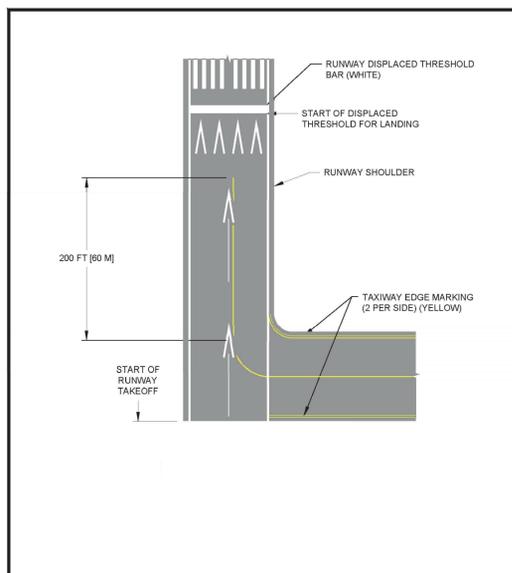


Notes: Dimensions are expressed in feet (meters).

1. See Figure A-6.
2. See paragraph 2.6.
3. Centering of Runway Designators is per paragraph 2.3.6.

A-3

Figure A-11. Markings for Blast Pad Preceding a Displaced Threshold

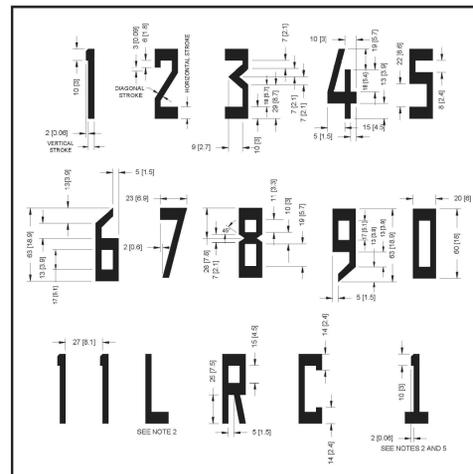


Notes:

1. Stopway width equals runway width.
2. Blast pad width equals runway width plus runway shoulders.
3. For proper fillet and centerline layout, refer to AC 150/5300-13.

A-11

Figure A-6. Runway Designation Numerals and Letters

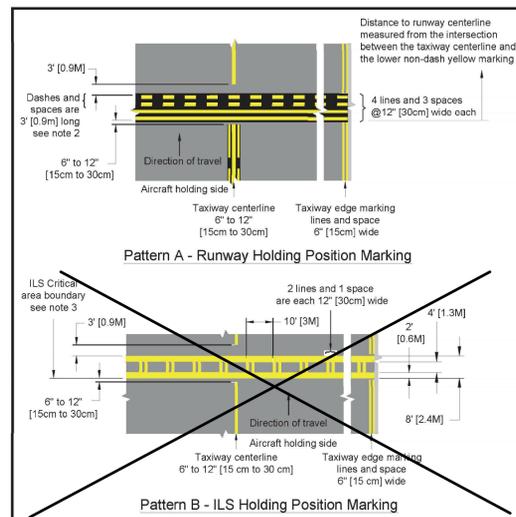


Notes:

1. Dimensions are expressed in feet (meters).
2. All characters have these characteristics (unless otherwise specified):
 - 60 [18] high
 - 20 [6] wide
 - vertical stroke of 5 [1.5]
 - horizontal stroke of 10 [30]
 - diagonal stroke of 5 [1.5]
3. All numerals except the number eleven as shown are horizontally spaced 15 [4.5] apart.
4. Single digits must not be preceded by a zero.
5. The numeral "1", when used alone, contains a horizontal stroke, as shown, to differentiate it from the runway centerline marking.
6. Single designations are centered on the runway pavement centerline. For double designations, the center of the outer edges of the two numerals is centered on the runway pavement centerline.
7. Where the runway designation consists of a number and a letter, the number and letter are located on the runway centerline in a stacked arrangement as shown in Figure A-1.

A-6

Figure A-13. Holding Position Marking Details

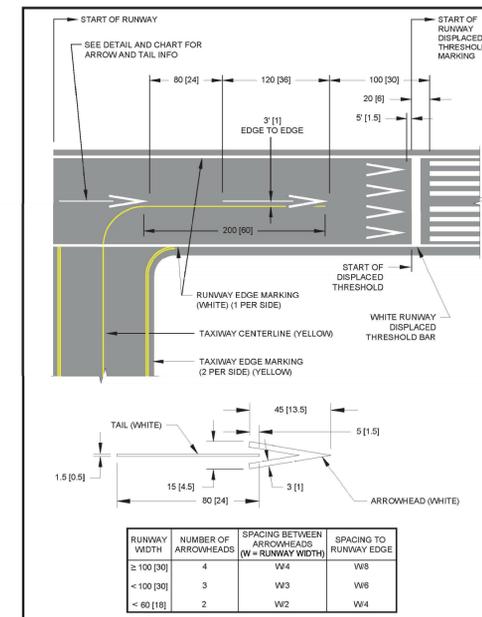


Notes:

1. Unless otherwise noted, all lines are yellow.
2. See paragraph 2.3 for reductions.
3. See paragraph 3.4 for reductions.
4. Dimensions shown do not account for outline marking in black paint when on light-colored pavement. See paragraph 1.4 and Appendix C.
5. See Table 1-1 for general guidelines for black borders on light-colored pavements.

A-13

Figure A-7. Displaced Threshold Markings



Notes:

1. Dimensions are expressed in feet (meters).
2. Runway edge markings, when used on the runway, extend into the displaced area.
3. Runway markings (except holding position markings) including those in the displaced threshold are white.

A-7

ALL PAVEMENT MARKING TO HAVE 6" BLACK BORDER

DATE: APRIL 11, 2022
 DRAWN BY: LR
 SCALE: NTS
 SHEET: M-004

MARKING DETAILS FOR
 LUMPKIN COUNTY- WIMPYS AIRPORT
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