NOT FOR CONSTRUCTION

LAGRANGE - CALLAWAY AIRPORT (LGC)
LAGRANGE, GEORGIA

PLANS ISSUED FOR BIDDING - APRIL 2025

TAXIWAY 'A' PAVEMENT REHABILITATION & LIGHTING

AIP AP024-9052-44(285)

GDOT PROJECT ID: T007816

benesch

BENESCH
600 PEACHTREE STREET NE - SUITE 2410
ATLANTA, GEORGIA 30308
706-722-4114

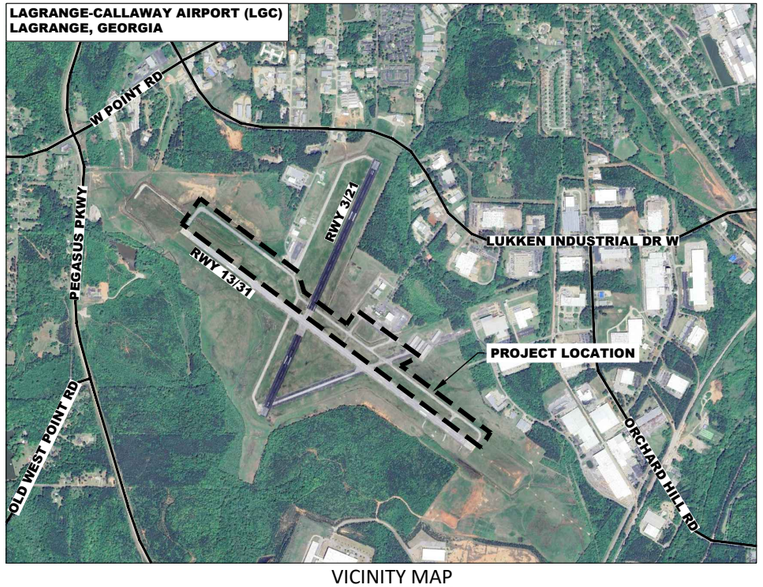
811 Know what's **below.** **Call** before you dig.

PRIOR TO CONSTRUCTION:

CALL 811 FOR LOCATION OF UNDERGROUND TELEPHONE, ELECTRIC, GAS, CABLE AND AIRPORT UTILITIES.

NOTE: EXISTING UNDERGROUND/OVERHEAD UTILITIES AND DRAINAGE STRUCTURES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS THE RESPONSIBILITY OF THE INDIVIDUAL CONTRACTORS TO EXACTLY LOCATE AND PROTECT EACH EXISTING UTILITY BEFORE AND DURING ACTUAL CONSTRUCTION.

ALL UTILITY TICKETS SUBMITTED FOR THE PROJECT SHALL BE SUBMITTED TO BENESCH BY THE CONTRACTOR AS SOON AS THE TICKETS ARE RECEIVED BY THE CONTRACTOR.



VICINITY MAP
No Scale

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY

NO.	REVISIONS	DATE
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95% CDOT SUBMITAL		7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

COVER SHEET - VICINITY MAP

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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DRAWN BY: DJL | DESIGNED BY: HRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 1/96 | DRAWING NO. G-1

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NOT FOR CONSTRUCTION

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ITEM NO.	SPEC ITEM NO.	DESCRIPTION	EST. QUANTITY	UNIT
		BASE BID 1 - TAXIWAY 'A' PARTIAL PAVEMENT REHABILITATION		
1-1	C-100-1	Contractor Quality Control Program (CQCP)	1	L.S.
1-2	C-105-1	Site Preparation and Mobilization (10% Max Bid Section 1)	1	L.S.
1-3	P-101-1	Full Depth Pavement Removal	6,848	S.Y.
1-4	P-151-1	Clearing and Grubbing	944	S.Y.
1-5	P-152-1	Unclassified Excavation (cut)	250	C.Y.
1-6	P-152-2	In-Place Embankment (fill - from offsite if not available on site)	3,809	C.Y.
1-7	C-102-1	Temporary Sediment Trap	2	EA
1-8	C102-2	Crushed Aggregate, for Stone outlet protection (St) and Rock Dam (Rd) (18" depth)	111	S.Y.
1-9	C102-3	Construction Entrance & Staging Area	3	EA
1-10	P-207-1	In-Place Full Depth Reclamation (FDR) Recycled Asphalt Aggregate Base Course (8" thick)	13,005	S.Y.
1-11	P-209-1	Crushed Aggregate Base Course, 8.0" Thick	221	S.Y.
1-12	GDOT 400-1	Asphalt Surface Course, 3.0" Thick	2,341	Ton
1-13	P-620-1	Taxiway Marking And Striping, Yellow, Including Reflective Media And Microbicide	8,249	S.F.
1-14	GDOT 656-1	Obliterate Pavement Markings	656	S.F.
1-15	T-901-1	Seeding & Fertilizing	3	AC
1-16	T-905-1	Topsoil (Furnished From Off The Site)	866	C.Y.
1-17	T-908-1	Mulching	3	AC
		TOTAL BASE BID 1 - TAXIWAY 'A' PAVEMENT REHABILITATION (Items 1-1 thru 1-18):		

		BASE BID 2 - TAXIWAY 'A' ELECTRICAL		
2-1	C-105-2	Site Preparation and Mobilization (10% Max Bid Section 2)	1	L.S.
2-2	L-125-6	Remove Base Mounted Sign, Including Foundation, Complete	4	EA
2-3	L-125-7	Remove Existing Taxiway Sign and Reuse Foundation	28	EA
2-4	L-125-8	Remove Base Mounted Taxiway Edge Light	70	EA
2-5	L-125-9	Remove Stake Mounted Taxiway Edge Light	170	EA
2-6	L-108-1	Trenching for Direct Buried Cable, 18-inch minimum depth	17,000	L.F.
2-7	L-108-2	No. 8 AWG, 5 kV, L-824, Type C Cable, Installed in Trench, Duct Bank, or Conduit	20,801	L.F.
2-8	L-108-3	No. 6 AWG, Solid, Bare Copper Counterpoise Wire, Installed In Trench, Above the Duct Bank Or Conduit, Including Connections/Terminations	16,295	L.F.
2-9	L-108-4	No. 6 AWG, Insulated, Stranded "Green" Equipment Ground, Installed in Duct Bank or Conduit	17,073	L.F.
2-10	L-109-1	Electrical Vault Work	1	EA
2-11	L-109-2	Install New L-829 15 kW Constant Current Regulator (Taxiway)	1	EA
2-12	L-110-1	Non-Encased, Electrical Conduit, 1-Way 2-Inch (50mm) C	500	L.F.
2-13	L-115	Electrical Handhole, L-867 Size B, With Blank Cover	8	EA
2-14	L-125-1	Medium Intensity, LED, Taxiway Edge Light, L-861T(L), Blue Filter, Class 1, Mode 1, Option 4, Stake Mounted	161	EA
2-15	L-125-2	Medium Intensity, LED, Taxiway Edge Light, L-861T(L), Blue Filter, Class 2, Mode 1, Option 4, Base Mounted	69	EA
2-16	L-125-3	1 Module Mandatory Guidance Sign, L-858R, LED, Size 2, Style 2, Mode 1, Complete	5	EA
2-17	L-125-4	2 Module Mandatory Guidance Sign, L-858R, LED, Size 2, Style 2, Mode 1, Complete	17	EA
2-18	L-125-5	3 Module Mandatory Guidance Sign, L-858R, LED, Size 2, Style 2, Mode 1, Complete	6	EA
		TOTAL BASE BID 2 - TAXIWAY 'A' ELECTRICAL (Items 2-1 thru 2-18):		

		ALTERNATE A: TAXIWAY 'T' PAVEMENT REHABILITATION		
A-1	P-101-1	Full Depth Pavement Removal	436	S.Y.
A-2	P-152-2	In-Place Embankment (fill)	196	C.Y.
A-3	P-207-1	In-Place Full Depth Reclamation (FDR) Recycled Asphalt Aggregate Base Course (8" thick)	1,820	S.Y.
A-4	GDOT 400-1	Asphalt Surface Course, 3.0" Thick	328	Ton
A-5	GDOT 656-1	Obliterate Pavement Markings	151	S.F.
A-6	P-620-1	Taxiway Marking And Striping, Yellow, Including Reflective Media And Microbicide	1,873	S.F.
A-7	T-901-1	Seeding & Fertilizing	1	AC
A-8	T-905-1	Topsoil (Furnished From Off The Site)	48	C.Y.
A-9	T-908-1	Mulching	1	AC
		TOTAL ALTERNATE A: (Items A-1 thru A-6):		

		ALTERNATE B: TAXIWAY 'A' FULL PAVEMENT REHABILITATION		
B-1	P-101-1	Full Depth Pavement Removal	2,869	S.Y.
B-2	P-152-2	In-Place Embankment (fill)	1,348	C.Y.
B-3	P-207-1	In-Place Full Depth Reclamation (FDR) Recycled Asphalt Aggregate Base Course (8" thick)	14,568	S.Y.
B-4	P-209-1	Crushed Aggregate Base Course, 8.0" Thick	166	S.Y.
B-5	GDOT 400-1	Asphalt Surface Course, 3.0" Thick	2,622	Ton
B-6	P-620-1	Taxiway Marking And Striping, Yellow, Including Reflective Media And Microbicide	8,074	S.F.
B-7	GDOT 656-1	Obliterate Pavement Markings	178	S.F.
B-8	T-901-1	Seeding & Fertilizing	1	AC
B-9	T-905-1	Topsoil (Furnished From Off The Site)	319	C.Y.
B-10	T-908-1	Mulching	1	AC
		TOTAL ALTERNATE B: (Items B-1 thru B-8):		

		ALTERNATE C: UNNAMED TAXIWAY PAVEMENT REHABILITATION		
C-1	P-101-6	Cold Mill (0 to 2 inches)	2,061	S.Y.
C-2	GDOT 400-1	Asphalt Surface Course, 2.0" Thick	247	Ton
C-3	P-603-1	Emulsified Asphalt Tack Coat	515	GAL
C-4	P-620-1	Taxiway Marking And Striping, Yellow, Including Reflective Media And Microbicide	989	S.F.
C-5	GDOT 656-1	Obliterate Pavement Markings	59	S.F.
		TOTAL ALTERNATE C: (Items C-1 thru C-6):		

		ALTERNATE D: TAXIWAY 'S' PAVEMENT REMOVAL		
D-1	P-101-1	Full Depth Pavement Removal	7,274	S.Y.
D-2	P-152-2	In-Place Embankment	3,556	C.Y.
D-3	GDOT 656-1	Obliterate Pavement Markings	51	S.F.
D-4	T-901-1	Seeding & Fertilizing	2	AC
D-5	T-905-1	Topsoil (Furnished From Off The Site)	808	C.Y.
D-6	T-908-1	Mulching	2	AC
		TOTAL ALTERNATE D: (Items D-1 thru D-5):		

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY

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SHEET INDEX - QUANTITIES

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SHEET 2/96 | DRAWING NO. G-2

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GENERAL NOTES:

1. **SITE CONDITIONS:** CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE SITE IN A CLEAN NATURE.

2. **SAFETY REQUIREMENTS:** THE CONTRACTOR SHALL COMPLETE ALL WORK IN ACCORDANCE WITH THE FAA ADVISORY CIRCULAR 150/5370-2G, OR CURRENT VERSION, "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION" AND THE CSPP DOCUMENTS. THE CONTRACTOR IS ADVISED THAT CERTAIN RULES AND RESTRICTIONS, AS CONTAINED IN THIS ADVISORY CIRCULAR AND AUGMENTED BY THESE PLANS AND SPECIFICATIONS, WILL APPLY TO THIS WORK. THE CONTRACTOR SHALL BECOME FAMILIAR WITH ALL REQUIREMENTS APPLICABLE TO AIRPORT CONSTRUCTION AND COOPERATE WITH THE ENGINEER AND OWNER IN MAINTAINING A SAFE CONSTRUCTION SITE WHICH IS COMPATIBLE WITH AIRCRAFT AND AIRPORT OPERATIONS.

3. **SAFETY PLAN COMPLIANCE DOCUMENT (SPCD):** THE CONTRACTOR SHALL SUBMIT A SPCD AS DESCRIBED IN ADVISORY CIRCULAR 150/5370-2G (OR CURRENT VERSION) WITH EMPHASIS ON IMPLEMENTATION OF THE FOLLOWING MAJOR CONSTRUCTION ISSUES. THIS PLAN SHALL BE SUBMITTED AT LEAST 10 DAYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE.

   A. TEMPORARY LIGHTING, MARKING, AND ANY ATTACHMENTS TO BE UTILIZED.
   B. LOCATION AND TYPES OF BARRICADES AND TRAFFIC CONTROL DEVICES.
   C. EMERGENCY CONTRACT AVAILABLE ON A 24-HOUR BASIS FOR THE PURPOSE OF MAINTAINING TRAFFIC CONTROL LIGHTING AND BARRICADES.

4. **AIRCRAFT TRAFFIC:** THE CONTRACTOR IS ADVISED THAT AIRPORT TAXIWAY, RUNWAY, AND RAMPS WILL BE ACTIVE DURING THIS CONTRACT. CONTRACTOR WILL BE EXPECTED TO CONDUCT THE WORK SUCH THAT THE SAFETY OF OPERATIONS IS NOT DEGRADED AND THAT AIRCRAFT FLOW IS MAINTAINED AT ALL TIMES UNLESS OTHERWISE INDICATED ON THE PLANS. CONTRACTORS ARE FURTHER ADVISED, AND SHALL ACCEPT AS AN IMPORTANT CONSIDERATION OF THE WORK, THAT THE MAINTENANCE OF SAFE AND EFFICIENT AIRCRAFT OPERATIONS IS AN INTEGRAL PART OF THE WORK. ALL CONSTRUCTION INTERFACE WITH AIRCRAFT PAVEMENTS, TAXIWAY CROSSINGS, AND SECURITY REQUIREMENTS AS CONTAINED IN FAA ADVISORY CIRCULAR 150/5370-2 (LATEST EDITION) WILL APPLY.

5. **SITE ACCESS:** CONTRACTOR ACCESS TO THE SITE IS LIMITED TO THE LOCATIONS AS SHOWN ON THE PLANS. ACCESS VIA ANY OTHER ROUTES OR GATES NOT SHOWN ON THE PLANS WILL REQUIRE PRIOR WRITTEN APPROVAL BY THE ENGINEER AND OWNER.

6. **CSPP PLAN CHANGES:** ANY PROPOSED CHANGES TO THE APPROVED SAFETY AND PHASING PLAN SHEETS SHALL BE SUBMITTED TO THE ENGINEER AT LEAST 7 CALENDAR DAYS IN ADVANCE OF THE THE START OF THE PHASE FOR REVIEW AND COORDINATION WITH THE OWNER AND THE FAA. FAA APPROVAL IS REQUIRED PRIOR TO CHANGING THE SAFETY AND PHASING NOTES.

7. **CSPP VIOLATIONS:** THE CONTRACTOR AND SUBCONTRACTOR(S) PERSONNEL SHALL REMAIN IN WORK AREA LIMITS. THE PENALTY FOR NON-COMPLIANCE WITH SAFETY PLAN PROVISIONS WILL RESULT IN THE FOLLOWING FOR EACH PERSONNEL:
   A. 1ST OFFENSE: WARNING
   B. 2ND OFFENSE: $500 FINE
   C. 3RD OFFENSE: $1,000 FINE
   D. 4TH OFFENSE: REMOVAL FROM PROJECT

8. **RADIO MONITORING:** THE CONTRACTOR SHALL MONITOR LOCAL AIRCRAFT RADIO COMMUNICATIONS AT ALL TIMES WHILE CONDUCTING WORK ON THE AIRFIELD. THE COMMON TRAFFIC ADVISORY FREQUENCY (CTAF) IS 122.8 MHZ.

9. **CONTRACTOR QUALITY CONTROL PROGRAM (CQCP):** THE CONTRACTOR SHALL PREPARE A CONTRACTOR QUALITY CONTROL PROGRAM (CQCP) IN ACCORDANCE WITH THE SPECIFICATIONS (ITEM C-100). CONTRACTOR SHALL PRESENT AND BE PREPARED TO DISCUSS HIS/HER UNDERSTANDING OF THE QUALITY CONTROL REQUIREMENTS AT THE PRE-CONSTRUCTION MEETING.

10. **CONSTRUCTION EQUIPMENT NEAR RUNWAYS:** NO CONTRACTOR EQUIPMENT WILL BE PERMITTED WITHIN 300 FEET FROM THE END AND 150 FROM THE CENTERLINE OF EXISTING RUNWAY 13-31 WHILE THE RUNWAY IS ACTIVE, EXCEPT AS APPROVED BY THE ENGINEER. FOR A CONTRACTOR TO OPERATE WITHIN THESE LOCATIONS, THAT RUNWAY MUST BE CLOSED BY THE AIRPORT THROUGH A NOTAM AND BY IMPLEMENTING REQUIRED SAFETY BARRICADES AND CLOSURE SIGNS AND/OR MARKINGS. A RUNWAY CLOSURE REQUIRES 72 HOURS NOTICE TO THE OWNER AND ENGINEER.

11. **CONSTRUCTION EQUIPMENT NEAR TAXIWAYS:** NO CONTRACTOR EQUIPMENT WILL BE PERMITTED WITHIN 57.5' FROM THE CENTERLINE OF AN ACTIVE TAXIWAY WHILE THE TAXIWAY IS ACTIVE. HOWEVER, MINOR WORK ACTIVITIES, SUCH AS ELECTRICAL INSTALLATION, MAY BE UNDERTAKEN WITHIN THIS AREA WHILE THE TAXIWAY IS OPEN TO AIRCRAFT PROVIDED:

    A. THE ENGINEER AND AIRPORT OWNER IS GIVEN 72 HOURS NOTICE.
    B. A NOTAM HAS BEEN ISSUED.
    C. THE CONTRACTOR IS MONITORING THE RADIO AT ALL TIMES.
    D. THE PAVEMENT IS KEPT FREE FROM FOD AT ALL TIMES.
    E. THE CONTRACTOR IMMEDIATELY CLEARS THE AREA FOR AIRCRAFT AS REQUIRED - THE AIRCRAFT HAS THE RIGHT-OF-WAY.

12. AT THE CONCLUSION OF ANY RUNWAY OR TAXIWAY CLOSURE PERIOD THE RSA, TSA, AND NAVAID CRITICAL AREAS SHALL HAVE BEEN RESTORED TO A CONDITION MEETING THE SAFETY AND OPERATIONAL REQUIREMENTS OF THE AREA. THE CONTRACTOR MAY NOT LEAVE A WORK AREA AFTER A WORK PERIOD IS COMPLETE UNTIL ALL AREAS HAVE BEEN RESTORED TO OPERATIONAL STATUS SATISFACTORY TO THE ENGINEER AND AIRPORT.

13. **CONTRACTOR CONSTRUCTION SCHEDULE:** THE CONTRACTOR SHALL SUBMIT A SCHEDULE FOR PROJECT, INCLUDING WORK AND CLOSURE OF AIRFIELD PAVEMENTS. THE SCHEDULE MUST BE APPROVED BY THE ENGINEER AND OWNER PRIOR TO THE START OF WORK. IF SCHEDULE REVISIONS ARE REQUIRED, AT LEAST 72 HOURS ADVANCE NOTICE TO THE ENGINEER AND OWNER IS REQUIRED FOR APPROVAL. DUE TO WEATHER, WIND DIRECTION, OR UNFORESEEN EMERGENCIES, THE CONTRACTOR MAY BE REQUIRED TO VACATE ANY GIVEN AREA AT SHORT NOTICE.

14. **EMERGENCY ACCESS:** CONTRACTOR SHALL COORDINATE HIS/HER ACTIVITIES THROUGHOUT THE PROJECT IN A MANNER THAT ALLOWS EMERGENCY ACCESS TO ALL RUNWAYS, TAXIWAY, AND APRONS AT ALL TIMES WITHOUT DELAY TO EMERGENCY VEHICLES RESPONSE TIME.

15. **SURVEY REQUIREMENTS & CONSTRUCTION STAKING:** THE CONTRACTOR SHALL VERIFY ALL SURVEY CONTROL, ELEVATIONS, EXISTING GRADES AND FLOWLINES PRIOR TO BEGINNING CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE (RPR/ENGINEER) PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL CONSTRUCTION STAKING AS DESCRIBED ON THE PLANS AND IN THE SPECIFICATIONS. CONTROL POINTS ARE LOCATED ON SHEET G-4.

16. **UTILITIES:** TOPOGRAPHIC SURVEY DEPICTING EXISTING CONDITIONS PROVIDED AS PART OF THESE PLANS MAY NOT INCLUDE ALL UTILITIES, UNDERGROUND STRUCTURES, OR EXISTING FEATURES AT THE SITE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM INSPECTION AND UTILITY LOCATIONS SERVICES BEFORE DISTURBING THE SITE. ANY DAMAGES TO EXISTING UTILITIES, STRUCTURES, SURVEY MONUMENTS OR FEATURES THAT ARE TO REMAIN, INCLUDING THOSE NOT SHOWN IN THE TOPOGRAPHIC SURVEY, SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.

17. **PERMITS/LICENSES/INSPECTIONS:** ALL PERMITS, LICENSES, INSPECTIONS AND ARRANGEMENTS REQUIRED FOR THE WORK UNDER THE CONTRACT SHALL BE OBTAINED BY THE CONTRACTOR AT THEIR EXPENSE AND INCLUDED IN "SITE PREPARATION AND MOBILIZATION". ANY ELECTRICAL WORK REQUIRED BY THE PROJECT SHALL MEET THE CURRENT FEDERAL AVIATION ADMINISTRATION OR NATIONAL ELECTRIC CODE, STATE AND LOCAL CODES AS APPLICABLE. THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES AND ARRANGE TO COMPLY WITH ALL REQUIREMENTS AS TO PERMITS, FEES, CODES AND ORDINANCES, ETC.

18. **EXISTING INFRASTRUCTURE DAMAGE AND PHOTO LOG:** THE CONTRACTOR SHALL PROTECT EXISTING INFRASTRUCTURE AND EQUIPMENT WHICH IS NOT DESIGNATED FOR DISPOSAL. THE CONTRACTOR, AT NO ADDITIONAL COST TO THE OWNER, SHALL REPAIR ANY DAMAGE TO EXISTING PAVEMENT, TURF, ELECTRICAL EQUIPMENT (E.G.. EDGE LIGHTS), CABLES, UTILITIES, ETC. DUE TO CONTRACTOR NEGLIGENCE. PRIOR TO BEGINNING CONSTRUCTION OR HAULING ACTIVITIES, THE CONTRACTOR SHALL MAKE A PHOTO/VIDEO LOG OF THE WORK AREA AND SUBMIT ONE (1) COPY TO THE ENGINEER. MEDIA MUST BE DATE STAMPED AND OF AN ADEQUATE QUALITY TO DETERMINE PRE-EXISTING CONDITIONS. ALL CONTRACTOR CLAIMS STATING DAMAGE WAS PRE-EXISTING PRIOR TO THE START OF CONSTRUCTION MUST BE SUPPORTED FROM THE LOG.

19. **SITE RESTORATION:** ALL TEMPORARY FACILITIES, INCLUDING BUT NOT LIMITED TO, STAGING AREAS, STOCKPILES, HAUL ROADS, AND PARKING SHALL BE COMPLETELY REMOVED FROM THE SITE AT THE COMPLETION OF THE PROJECT AND DISTURBED AREAS OF THE SITE SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER. IF AREAS ARE LOCATED ON EXISTING TURF, AND AGGREGATE IS USED TO PROVIDE ALL WEATHER CONDITIONS, THE AGGREGATE SHALL BE REMOVED AND TOPSOIL PLACED. ADDITIONAL TOPSOIL SHALL BE IMPORTED AS NEEDED TO PROVIDE AN ADEQUATE SEED BED. TURF DAMAGE SHALL BE FINE GRADED (TO PROVIDE POSITIVE DRAINAGE), SEEDED, MULCHED, AND FERTILIZED IN ACCORDANCE WITH CONSTRUCTION SPECIFICATIONS. SEEDING AND MULCHING SHALL BE PAID FOR UNDER "SEEDING" & "MULCHING." ALL OTHER SITE RESTORATION WORK SHALL BE INCLUDED IN "SITE PREPARATION AND MOBILIZATION".

20. **STAGING AREAS, STOCKPILES, AND HAUL ROADS:** LOCATIONS OF STAGING AREAS, STOCKPILES, AND HAUL ROADS SHALL BE AS SHOWN ON THE PLANS, UNLESS OTHERWISE APPROVED BY THE OWNER. DISTURBED AREAS SHALL BE RESTORED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.

21. **FOD & PAVEMENT CLEANING BROOM:** CAUTION SHALL BE TAKEN BY THE CONTRACTOR IN PREVENTING ANY DUST, MUD OR OTHER FOREIGN OBJECTS AND DEBRIS (FOD) WHICH MAY BECOME A HAZARD TO AIR AND GROUND OPERATIONS. THE CONTRACTOR SHALL CONTROL DUST, MUD AND FOD AT ALL TIMES AND MAY REQUIRE FULL TIME OPERATION WATER TRUCKS OR SWEEPERS. THE CONTRACTOR SHALL HAVE A STREET BROOM ON SITE AND AVAILABLE AT ALL TIMES TO CLEAN ALL PAVEMENT BEFORE ANY PAVEMENT IS OPEN TO AIRCRAFT, INCLUDED IN "SITE PREPARATION AND MOBILIZATION". CLEANING EQUIPMENT SHALL STAY ON PAVEMENTS, AT ALL TIMES, TO ENSURE MUD AND OTHER DEBRIS ARE NOT DEPOSITED ON WHEELS OF EQUIPMENT TO BE UTILIZED FOR CLEANING PAVEMENTS. THE SWEEPER SHALL BE OPERATED DAILY TO KEEP ALL PAVEMENTS TRAVERSED BY THE CONTRACTOR EQUIPMENT CLEAN OF FOD. AT THE CONCLUSION OF EACH DAYS WORK PERIOD ALL PAVEMENTS WILL BE INSPECTED BY THE ENGINEER FOR FOD BEFORE OPENING THE PAVEMENTS TO AIRCRAFT ACTIVITY AND BEFORE THE CONTRACTOR WILL BE ALLOWED TO LEAVE THE JOB SITE. IF, IN THE OPINION OF THE AIRPORT OR THE ENGINEER, DUST MUD, OR FOD IS NOT BEING CONTROLLED, THEY MAY SUSPEND WORK AND MAKE NECESSARY ARRANGEMENTS FOR DUST OR MUD CONTROL. THE CONTRACTOR SHALL MAINTAIN A FULLY FUNCTIONAL VACUUM SWEEPER OR LARGE BROOM SWEEPER ON THE JOB SITE AT ALL TIMES.

22. **DRAINAGE:** EACH CONSTRUCTION PHASE/AREA SHALL BE SHAPED TO ALLOW DRAINAGE OF SURFACE OR GROUND WATER DURING EACH WORK OPERATION. IF NECESSARY, SURFACE OR GROUND WATER SHALL BE PUMPED IMMEDIATELY FROM EACH CONSTRUCTION PHASE/AREA IN COMPLIANCE WITH THE EPA OR DEPARTMENT OF ENVIRONMENTAL QUALITY REGULATIONS.

23. **DEWATERING:** ANY DEWATERING ACTIVITIES ASSOCIATED WITH THE INSTALLATION OF PAVEMENTS SHALL BE SUBSIDIARY TO CONSTRUCTION AND INCLUDED IN APPLICABLE BID ITEMS. GROUNDWATER WAS NOT ENCOUNTERED IN ANY OF THE BORINGS COMPLETED IN MARCH 2023. REFER TO BORE LOGS IN THE SPECIFICATIONS.

24. **PAY ITEMS:** THE PROJECT PAY ITEMS PROVIDED ARE TO BE INCLUSIVE OF ALL WORK TO BE PERFORMED AS SHOWN IN THESE PLANS. ALL WORK NOT IDENTIFIED WITH A SPECIFIC PAY ITEM IS TO BE CONSIDERED REQUIRED/INCIDENTAL WORK TO COMPLETE THE PROJECT AND IS TO BE INCLUDED IN THE COST OF PROJECT PAY ITEMS PROVIDED. NO PAYMENT OR TIME EXTENSION SHALL BE MADE FOR WEATHER DELAYS.

25. **REMOVAL ITEMS:** ALL ITEMS DESIGNATED FOR REMOVAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE NOTED. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH STATE AND FEDERAL DISPOSAL REQUIREMENTS. IF APPLICABLE, THE CONTRACTOR SHALL REFLECT SALVAGE VALUES IN THEIR BID.

26. **FAA EQUIPMENT:**
    NO FAA CABLES OR EQUIPMENT ARE AFFECTED BY THIS PROJECT.

27. **ACTIVATING LIGHTING CIRCUITS:** WHENEVER THE CONTRACTOR IS REQUIRED TO HAVE ANY LIGHTING CIRCUIT ACTIVATED FOR NIGHT OPERATIONS, THE CONTRACTOR SHALL ENSURE THAT ALL COMPONENTS ARE IN PLACE FOR TESTING CIRCUITS 2 HOURS PRIOR TO RUNWAY OR TAXIWAY OPENING.

28. **CONSTRUCTION VEHICLES ON PAVEMENT TO REMAIN:** ONLY APPROVED RUBBER-TIRED CONSTRUCTION EQUIPMENT WILL BE PERMITTED ON AIRFIELD PAVEMENTS THAT ARE TO REMAIN. SHOULD THE CONTRACTOR DAMAGE ANY EXISTING PAVEMENT THAT IS TO REMAIN, THE CONTRACTOR SHALL REPLACE THE PAVEMENT AT NO EXPENSE TO THE OWNER.

29. **SPECIFICATIONS:** ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS OR, IF NOT ADDRESSED IN THE PROJECT SPECIFICATIONS, THE LATEST EDITION OF STANDARD SPECIFICATIONS FOR THE GDOT AND/OR GEPD.

30. **SHOP DRAWINGS:** COMPLETE SHOP DRAWINGS ARE REQUIRED FOR ALL MATERIALS PROPOSED TO BE INCORPORATED IN THE WORK. DRAWINGS AND LISTING SHALL BE SUBMITTED IMMEDIATELY AFTER THE CONTRACT IS EXECUTED. NO EQUIPMENT OR MATERIALS SHALL BE INCORPORATED INTO THE WORK UNTIL REVIEWED BY THE ENGINEER. PER GENERAL PROVISIONS SECTION 60-01, ALONG WITH ALL SHOP DRAWING SUBMITTALS THE CONTRACTOR SHALL SUBMIT A "CONTRACTOR SHOP DRAWING COVER PAGE". THE CONTRACTOR MAY 'HAND-WRITE' IN THE REQUIRED INFORMATION. THE ENGINEER WILL NOT REVIEW SHOP DRAWING SUBMITTALS THAT ARE NOT ACCOMPANIED WITH THE SHOP DRAWING COVER PAGE.

31. **AVAILABILITY OF MATERIALS:** IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE ALL ARRANGEMENTS PERTINENT TO THE ACQUISITION, PURCHASE, AND DELIVERY OF ALL MATERIALS TO BE USED IN THE CONSTRUCTION, EXCEPT MATERIALS SPECIFICALLY NOTED TO BE PROVIDED "BY OTHERS".

32. **MATERIAL REFERENCES:** REFERENCES IN THESE PLANS AND SPECIFICATIONS TO ANY MATERIAL OR METHOD OF CONSTRUCTION BY PROPRIETARY NAME, MAKE, OR CATALOG NUMBER IS DONE TO ESTABLISH A STANDARD OF QUALITY AND NOT TO LIMIT COMPETITION. THE CONTRACTOR MAY, AT HIS/HER OPTION, USE ANY OTHER MATERIAL, SYSTEM, OR METHOD OF CONSTRUCTION, WHICH IN THE JUDGEMENT OF THE ENGINEER, EXPRESSED IN WRITING, IS EQUAL TO THAT NAMED. TO RECEIVE CONSIDERATION OF SUBSTITUTION, FULL INFORMATION MUST BE FURNISHED TO ENSURE THAT NO REDESIGN OF THE PROJECT WILL BE NECESSARY.

33. ALL MATERIALS USED SHALL BE IN ACCORDANCE WITH GEORGIA DEPARTMENT OF TRANSPORTATION, STATE OF GEORGIA, STANDARD SPECIFICATIONS CONSTRUCTION OF TRANSPORTATION SYSTEMS, 2021 SPECIAL PROVISION 2024 EDITION UNLESS MODIFIED BY SPECIAL PROVISION, EXCEPT FOR ELECTRICAL ITEMS OF WORK WHICH SHALL BE IN ACCORDANCE WITH APPLICABLE FAA SPECIFICATIONS.

GENERAL LEGEND

Symbol	Description	Symbol	Description
	EXISTING AIRFIELD SIGN	S	EXISTING SANITARY SEWER MANHOLE
	EXISTING BASE MOUNTED RUNWAY THRESHOLD LIGHT	GM	EXISTING GAS METER
	EXISTING STAKE MOUNTED RUNWAY THRESHOLD LIGHT		EXISTING GAS VALVE
	EXISTING BASE MOUNTED RUNWAY EDGE LIGHT	T	EXISTING TELEPHONE STRUCTURE
	EXISTING STAKE MOUNTED RUNWAY EDGE LIGHT	CP 14	CONTROL POINT
	EXISTING FLUSH MOUNTED RUNWAY EDGE LIGHT	C-1	PAVEMENT CORE LOCATIONS
	EXISTING BASE MOUNTED TAXIWAY EDGE LIGHT	TSA	TAXIWAY SAFETY AREA
	EXISTING STAKE MOUNTED TAXIWAY EDGE LIGHT	TOFA	TAXIWAY OBJECT FREE AREA
	EXISTING REFLECTOR	PL	EXISTING PROPERTY LINE
	EXISTING MALSR	X X	EXISTING FENCE LINE
	EXISTING RUNWAY END IDENTIFIER LIGHT	ST	EXISTING STORM SEWER
	EXISTING AIRCRAFT TIEDOWN	SD	EXISTING SUB-DRAIN
	EXISTING GUARDPOST/BOLLARD	UGE	EXISTING UNDERGROUND ELECTRICAL LINE
	EXISTING ROAD SIGN	RSA	RUNWAY SAFETY AREA
	EXISTING STORM SEWER INLET	ROFA	RUNWAY OBJECT FREE AREA
	EXISTING STORM SEWER MANHOLE	W	EXISTING WATER LINE
	EXISTING WATER VALVE	SAN	EXISTING SANITARY LINE
E	EXISTING ELECTRICAL STRUCTURE	G	EXISTING GAS LINE
	EXISTING LIGHT POLE	TEL	EXISTING TELEPHONE LINE
D	EXISTING DUCT MARKER/STAMP	FO	EXISTING FIBER OPTIC LINE
	EXISTING PIV	274	EXISTING CONTOURS
WM	EXISTING WATER METER	274	PROPOSED CONTOURS
	EXISTING WATER HYDRANT		EXISTING PAVEMENT
CO	EXISTING SANITARY SEWER CLEANOUT		EXISTING BUILDING
		X / X-X	SECTION CALLOUT

NOTE: SHEETS WITH LEGENDS SUPPLEMENT THE GENERAL LEGEND.

NOT FOR CONSTRUCTION

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

PROJECT TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE APRIL 2025

GENERAL NOTES - GENERAL LEGEND

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

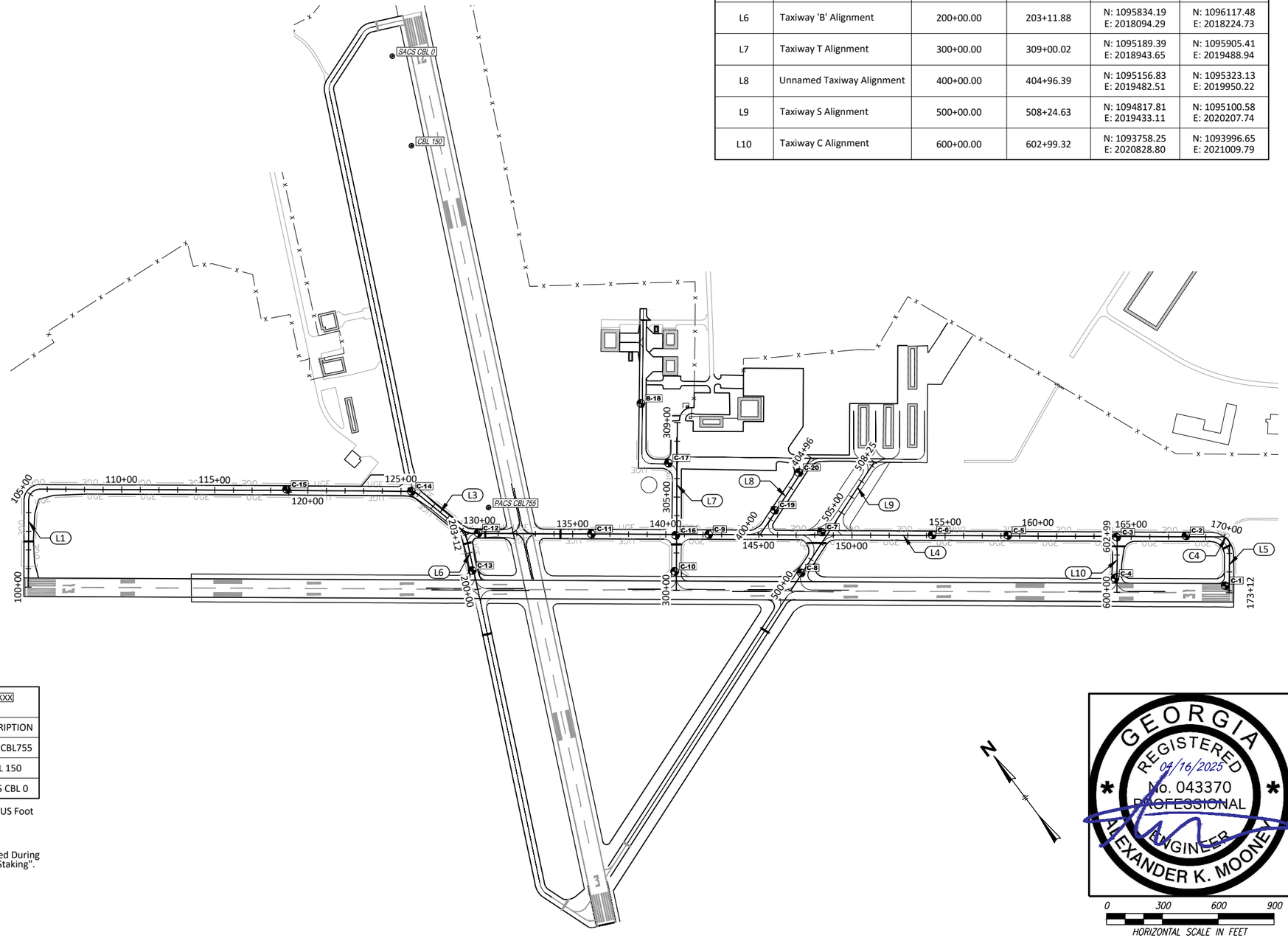
NOT FOR CONSTRUCTION

ALIGNMENT CONTROL						
NUMBER	ALIGNMENT	BEGIN STATION	END STATION	BEGIN COORDINATES	END COORDINATES	CURVE INFO
C4	Taxiway 'A' Alignment	PC: 169+90.82	PT: 170+48.94	PC: N: 1093654.77 E: 2021461.11	PT: N: 1093602.92 E: 2021468.21	L: 58.12' T: 37.00' R: 37.00' Δ: 90°00'03" C: 52.33'

ALIGNMENT CONTROL					
NUMBER	ALIGNMENT	BEGIN STATION	END STATION	BEGIN COORDINATES	END COORDINATES
L1	Taxiway 'A' Alignment	100+00.00	104+66.37	N: 1097293.89 E: 2016171.52	N: 1097665.38 E: 2016453.46
L3	Taxiway 'A' Alignment	125+89.07	129+10.98	N: 1096441.51 E: 2018143.23	N: 1096128.98 E: 2018220.34
L4	Taxiway 'A' Alignment	129+44.96	169+90.82	N: 1096101.13 E: 2018238.65	N: 1093654.77 E: 2021461.11
L5	Taxiway 'A' Alignment	170+48.94	173+11.85	N: 1093602.92 E: 2021468.21	N: 1093393.53 E: 2021309.24
L6	Taxiway 'B' Alignment	200+00.00	203+11.88	N: 1095834.19 E: 2018094.29	N: 1096117.48 E: 2018224.73
L7	Taxiway T Alignment	300+00.00	309+00.02	N: 1095189.39 E: 2018943.65	N: 1095905.41 E: 2019488.94
L8	Unnamed Taxiway Alignment	400+00.00	404+96.39	N: 1095156.83 E: 2019482.51	N: 1095323.13 E: 2019950.22
L9	Taxiway S Alignment	500+00.00	508+24.63	N: 1094817.81 E: 2019433.11	N: 1095100.58 E: 2020207.74
L10	Taxiway C Alignment	600+00.00	602+99.32	N: 1093758.25 E: 2020828.80	N: 1093996.65 E: 2021009.79

BORING LOG SECTIONS * C-#		
BORING NO.	PAVEMENT THICKNESS	BASE THICKNESS
	ACC	GAB
C-1	6.0"	8.0"
C-2	7.0"	8.0"
C-3	7.0"	10.0"
C-4	6.0"	6.0"
C-5	2.25"	4.0"
C-6	6.5"	10.0"
C-7	6.0"	10.0"
C-8	6.0"	8.0"
C-9	5.0"	8.0"
C-10	4.0"	2.0"
C-11	5.0"	11.0"
C-12	4.5"	8.0"
C-13	5.0"	8.0"
C-14	4.75"	8.0"
C-15	5.5"	11.0"
C-16	3.5"	9.5"
C-17	4.0"	5.5"
C-18	4.0"	9.0"
C-19	7.0"	10.0"
C-20	7.5"	10.0"

*Refer To Appendices In Specifications, And Sheet 10 (G-10) To Sheet 12 (G-12) For Full Bore Logs.



POINT TABLE CP XXX				
POINT #	ELEVATION	NORTHING	EASTING	DESCRIPTION
5	678.90	1096149.62	2018404.57	PACS CBL755
6	690.00	1097951.01	2019240.64	CBL 150
7	691.30	1098397.50	2019447.90	SACS CBL 0

Coordinate System: NAD83 Georgia State Planes, West Zone, US Foot
Horizontal Datum: NAD83
Vertical Datum: NAD83
Units: United States Survey Foot
*Contractor To Provide New Control Points For Those Removed During Construction. Cost To Be Included Under Item "Construction Staking".

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY

NO.	REVISIONS	DATE
1	95% GDOT SUBMITAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

ALIGNMENT CONTROL - CONTROL POINT TABLE - SITE PLAN

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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706-722-4114 Job No. - 19024029.01

DRAWN BY: D.JL | DESIGNED BY: HRT | REVIEWED BY: A.VEE | QUANTITIES CHECKED BY: AKM

SHEET 4/96 | DRAWING NO. G-4

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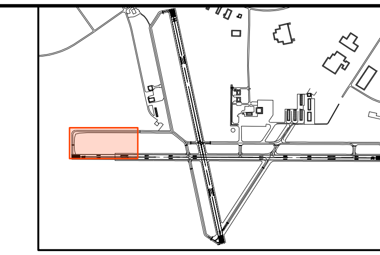
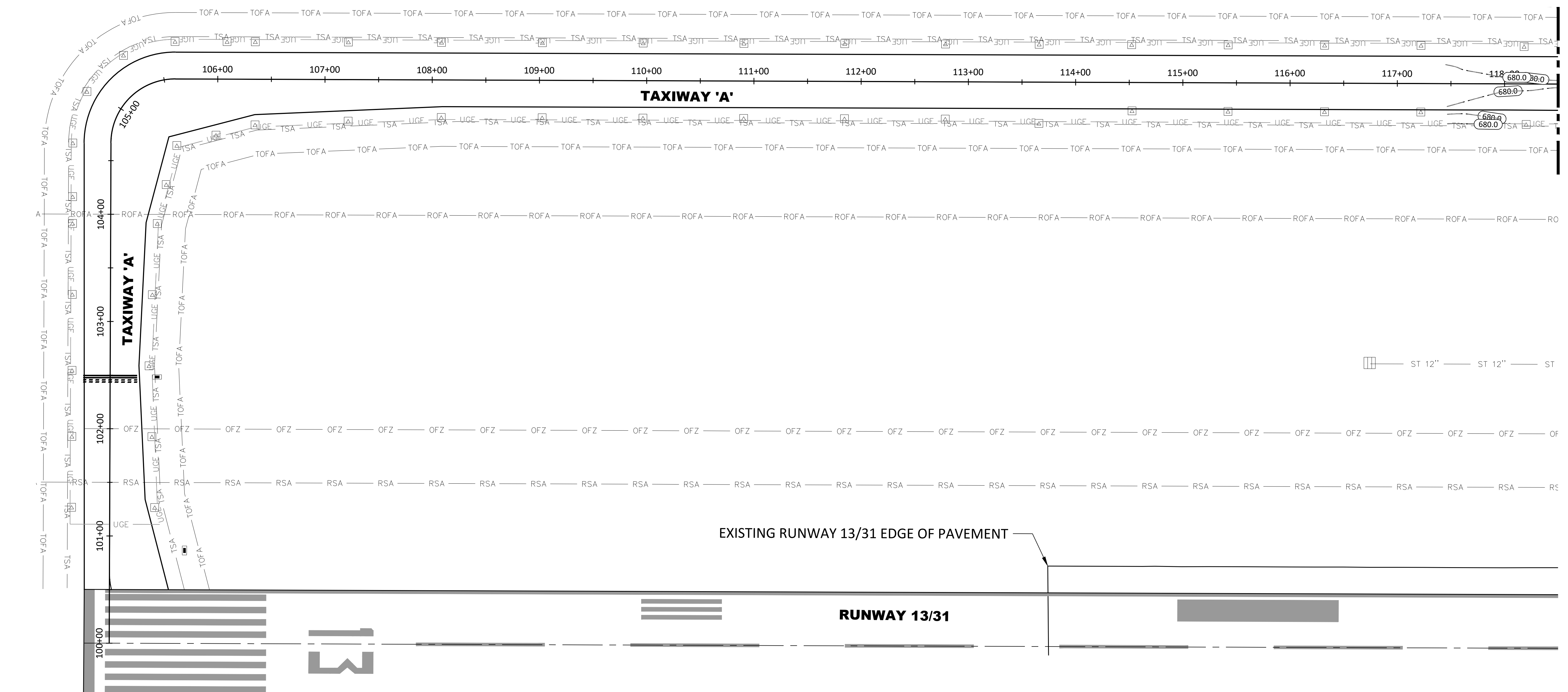
NOT FOR CONSTRUCTION





CONSTRUCTION NOTES: (#)

1. INFORMATION AND LINEWORK OUTSIDE LIMITS OF TOPOGRAPHIC SURVEY BOUNDARY ARE BASED OFF AERIAL IMAGERY AND SHOULD BE USED FOR REFERENCE PURPOSES ONLY.
2. SURVEY PERFORMED BY AMERICAN ENGINEERS, INC. (AEI).
3. EXISTING UTILITY INFORMATION PROVIDED BY AMERICAN ENGINEERS, INC. (AEI).
4. UNDERGROUND UTILITY LINES ARE APPROXIMATE AND ARE DISPLAYED BASED ON A FIELD SURVEY, GIS, AND DATA PROVIDED BY LOCAL UTILITY ENTITIES. CONTRACTOR SHALL FIELD VERIFY EXISTING UTILITY CONDITIONS AS NECESSARY TO COMPLETE THE PROJECT. CONTRACTOR SHALL NOTIFY THE ENGINEER IF INFORMATION DIFFERS.
5. WARNING: UTILITIES SHOWN REFLECT THE BEST AVAILABLE INFORMATION. FOR THE MOST ACCURATE AND CURRENT INFORMATION, THE RECIPIENT SHOULD OBTAIN UTILITY DATA DIRECTLY FROM THE UTILITY SERVICE PROVIDERS. ALL UTILITY INFRASTRUCTURE RELATED LOCATIONS ARE REPRESENTATIONAL AND SUBJECT TO FIELD VERIFICATION.

LEGEND

	EXISTING AIRCRAFT TIE-DOWN
	EXISTING LIGHT POLE
	EXISTING TAXIWAY EDGE LIGHT
	EXISTING STORM SEWER INLET/MANHOLE
	EXISTING WATER HYDRANT
	EXISTING WATER VALVE
	EXISTING GAS VALVE
S	EXISTING SANITARY SEWER STRUCTURE
CO	EXISTING SANITARY SEWER CLEANOUT
	EXISTING TAXIWAY SIGN
GM	EXISTING GAS METER
E	EXISTING ELECTRICAL STRUCTURE
	EXISTING PIV
WM	EXISTING WATER METER
T	EXISTING TELEPHONE STRUCTURE
	EXISTING SUBDRAIN RISER
C-#	PAVEMENT CORE LOCATIONS
PL	EXISTING LEASEHOLD BOUNDARY
	LIMITS OF SURVEY
x	EXISTING FENCE LINE
ST	EXISTING STORM SEWER
W	EXISTING WATER LINE
SAN	EXISTING SANITARY SEWER
SD	EXISTING SUBDRAIN
UGE	EXISTING UNDERGROUND ELECTRICAL LINE
COMM	EXISTING COMMUNICATIONS LINE
G	EXISTING GAS LINE
676	EXISTING CONTOURS MINOR
680	EXISTING CONTOURS MAJOR

N

GEORGIA REGISTERED
No. 043370
PROFESSIONAL ENGINEER
ALEXANDER K. MOONEY
04/16/2025

0 50 100 150
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
△	95% GDOT SUBMITTAL	7/1/2024

PROJECT
TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

DATE
APRIL 2025

EXISTING CONDITIONS - SHEET 1

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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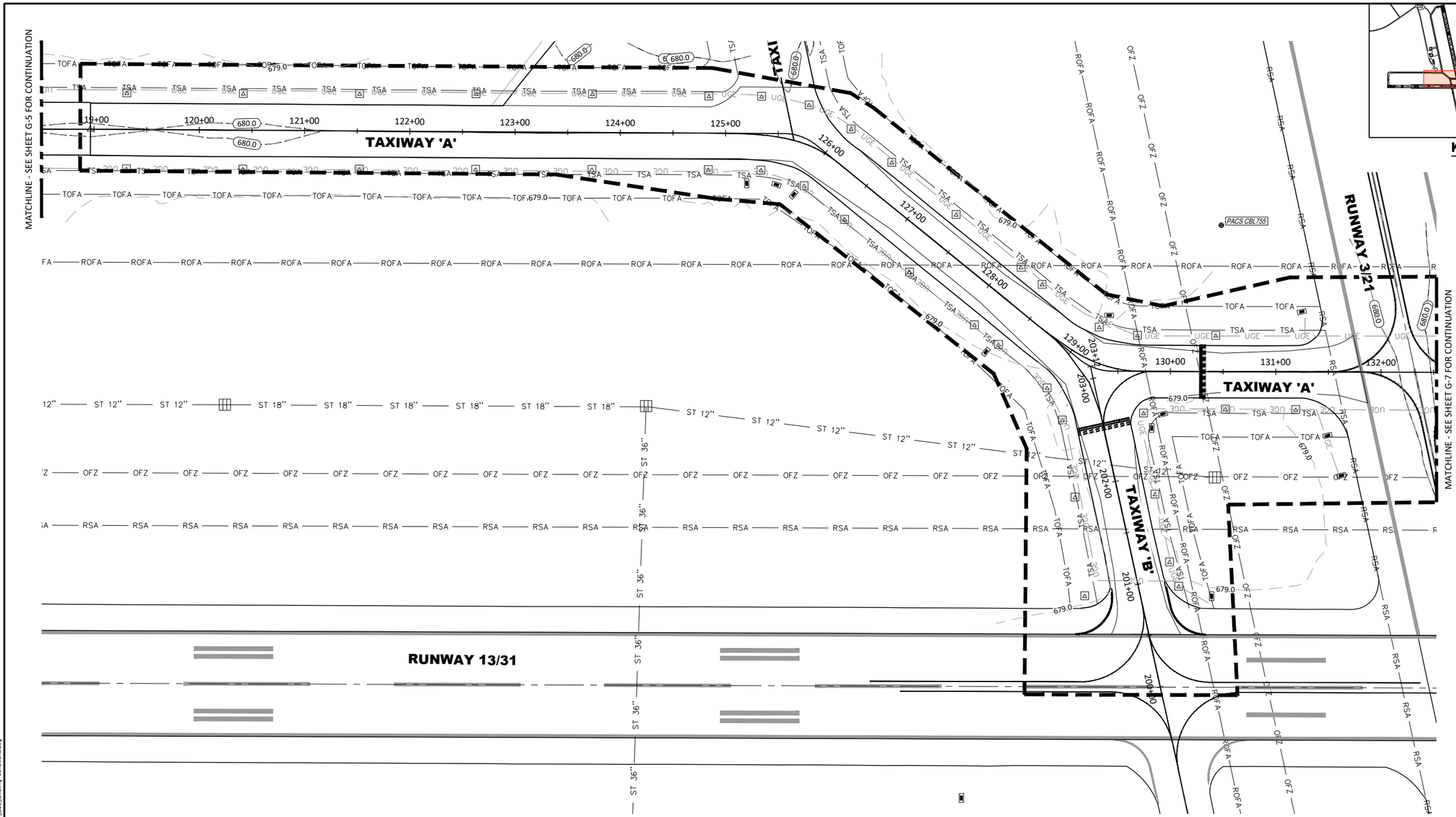
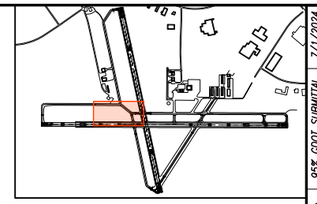
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 5/96 | DRAWING NO. G-5

NOT FOR CONSTRUCTION





CONSTRUCTION NOTES: (#)

1. INFORMATION AND LINEWORK OUTSIDE LIMITS OF TOPOGRAPHIC SURVEY BOUNDARY ARE BASED OFF AERIAL IMAGERY AND SHOULD BE USED FOR REFERENCE PURPOSES ONLY.
2. SURVEY PERFORMED BY AMERICAN ENGINEERS, INC. (AEI).
3. EXISTING UTILITY INFORMATION PROVIDED BY AMERICAN ENGINEERS, INC. (AEI).
4. UNDERGROUND UTILITY LINES ARE APPROXIMATE AND ARE DISPLAYED BASED ON A FIELD SURVEY, GIS, AND DATA PROVIDED BY LOCAL UTILITY ENTITIES. CONTRACTOR SHALL FIELD VERIFY EXISTING UTILITY CONDITIONS AS NECESSARY TO COMPLETE THE PROJECT. CONTRACTOR SHALL NOTIFY THE ENGINEER IF INFORMATION DIFFERS.
5. WARNING: UTILITIES SHOWN REFLECT THE BEST AVAILABLE INFORMATION. FOR THE MOST ACCURATE AND CURRENT INFORMATION, THE RECIPIENT SHOULD OBTAIN UTILITY DATA DIRECTLY FROM THE UTILITY SERVICE PROVIDERS. ALL UTILITY INFRASTRUCTURE RELATED LOCATIONS ARE REPRESENTATIONAL AND SUBJECT TO FIELD VERIFICATION.

LEGEND

- EXISTING AIRCRAFT TIE-DOWN
- EXISTING LIGHT POLE
- EXISTING TAXIWAY EDGE LIGHT
- EXISTING STORM SEWER INLET/MANHOLE
- EXISTING WATER HYDRANT
- EXISTING WATER VALVE
- EXISTING GAS VALVE
- EXISTING SANITARY SEWER STRUCTURE
- EXISTING SANITARY SEWER CLEANOUT
- EXISTING TAXIWAY SIGN
- EXISTING GAS METER
- EXISTING ELECTRICAL STRUCTURE
- EXISTING PIV
- EXISTING WATER METER
- EXISTING TELEPHONE STRUCTURE
- EXISTING SUBDRAIN RISER
- PAVEMENT CORE LOCATIONS
- EXISTING LEASEHOLD BOUNDARY
- LIMITS OF SURVEY
- EXISTING FENCE LINE
- EXISTING STORM SEWER
- EXISTING WATER LINE
- EXISTING SANITARY SEWER
- EXISTING SUBDRAIN
- EXISTING UNDERGROUND ELECTRICAL LINE
- EXISTING COMMUNICATIONS LINE
- EXISTING GAS LINE
- EXISTING CONTOURS MINOR
- EXISTING CONTOURS MAJOR

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY

0 50 100 150
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
1	95% CDOT SUBMITAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

EXISTING CONDITIONS - SHEET 2

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
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706-722-4114 Job No. - 19024029.01

DESIGNED BY: HRT | DRAWN BY: DJL | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 6/96 | DRAWING NO. G-6

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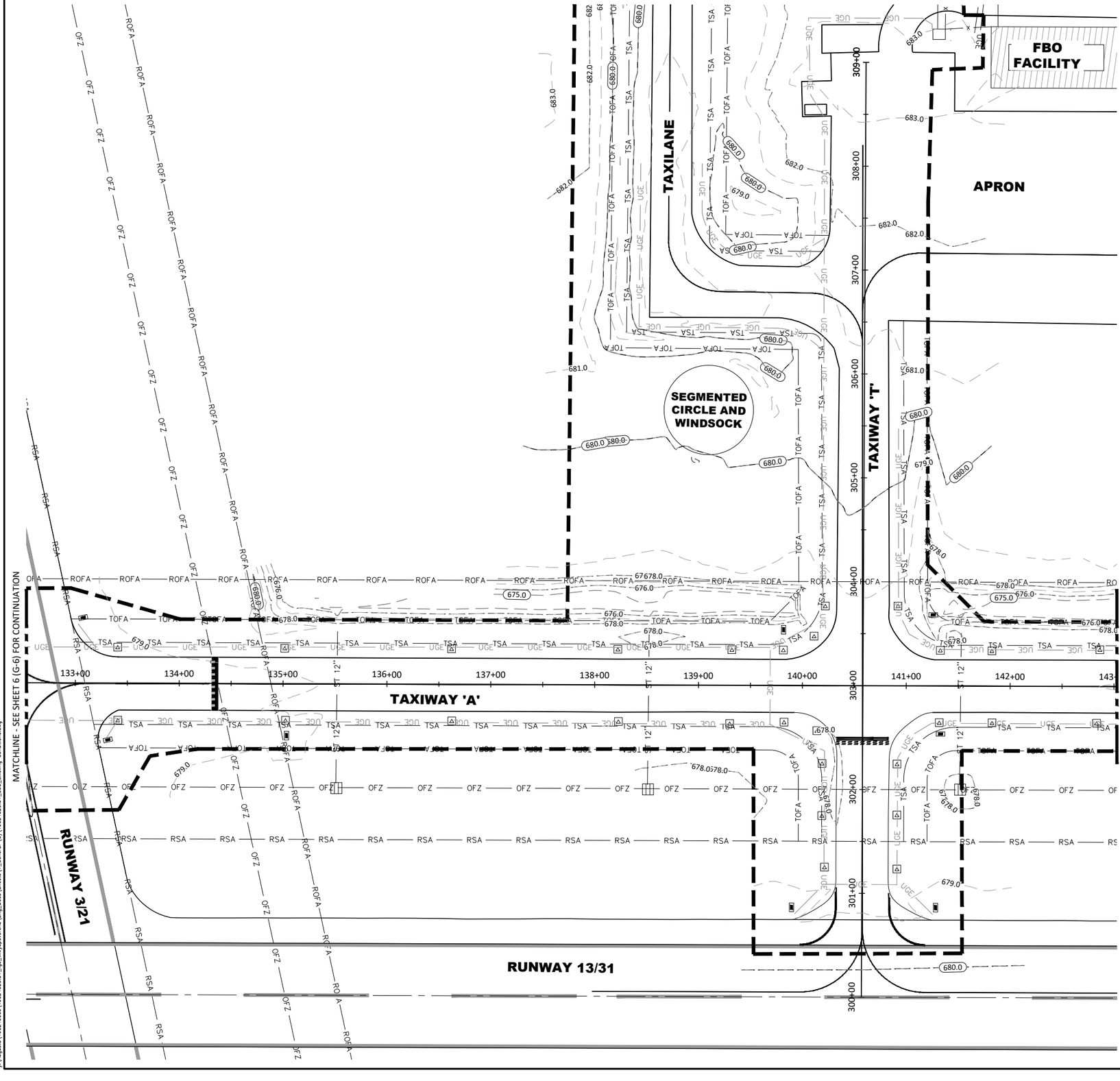
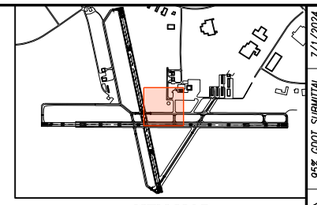
NOT FOR CONSTRUCTION





KEY MAP

CONSTRUCTION NOTES: (#)

1. INFORMATION AND LINEWORK OUTSIDE LIMITS OF TOPOGRAPHIC SURVEY BOUNDARY ARE BASED OFF AERIAL IMAGERY AND SHOULD BE USED FOR REFERENCE PURPOSES ONLY.
2. SURVEY PERFORMED BY AMERICAN ENGINEERS, INC. (AEI).
3. EXISTING UTILITY INFORMATION PROVIDED BY AMERICAN ENGINEERS, INC. (AEI).
4. UNDERGROUND UTILITY LINES ARE APPROXIMATE AND ARE DISPLAYED BASED ON A FIELD SURVEY, GIS, AND DATA PROVIDED BY LOCAL UTILITY ENTITIES. CONTRACTOR SHALL FIELD VERIFY EXISTING UTILITY CONDITIONS AS NECESSARY TO COMPLETE THE PROJECT. CONTRACTOR SHALL NOTIFY THE ENGINEER IF INFORMATION DIFFERS.
5. WARNING: UTILITIES SHOWN REFLECT THE BEST AVAILABLE INFORMATION. FOR THE MOST ACCURATE AND CURRENT INFORMATION, THE RECIPIENT SHOULD OBTAIN UTILITY DATA DIRECTLY FROM THE UTILITY SERVICE PROVIDERS. ALL UTILITY INFRASTRUCTURE RELATED LOCATIONS ARE REPRESENTATIONAL AND SUBJECT TO FIELD VERIFICATION.

LEGEND

EXISTING AIRCRAFT TIE-DOWN	PAVEMENT CORE LOCATIONS (C-#)
EXISTING LIGHT POLE	EXISTING LEASEHOLD BOUNDARY (PL)
EXISTING TAXIWAY EDGE LIGHT	LIMITS OF SURVEY
EXISTING STORM SEWER INLET/MANHOLE	EXISTING FENCE LINE (X)
EXISTING WATER HYDRANT	EXISTING STORM SEWER (ST)
EXISTING WATER VALVE	EXISTING WATER LINE (W)
EXISTING GAS VALVE	EXISTING SANITARY SEWER (SAN)
EXISTING SANITARY SEWER STRUCTURE (S)	EXISTING SUBDRAIN (SD)
EXISTING SANITARY SEWER CLEANOUT (CO)	EXISTING UNDERGROUND ELECTRICAL LINE (UGE)
EXISTING GAS METER (GM)	EXISTING COMMUNICATIONS LINE (COMM)
EXISTING ELECTRICAL STRUCTURE (E)	EXISTING GAS LINE (G)
EXISTING PIV	EXISTING CONTOURS MINOR (274)
EXISTING WATER METER (WM)	EXISTING CONTOURS MAJOR (274)
EXISTING TELEPHONE STRUCTURE (T)	
EXISTING SUBDRAIN RISER	

NO.	REVISIONS	DATE
1	-	7/1/2024
95%	COOT SUBMITAL	-

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

EXISTING CONDITIONS - SHEET 3

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

0 50 100 150
HORIZONTAL SCALE IN FEET

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DESIGNED BY: HRT | DRAWN BY: DJL | REVIEWED BY: AVB | QUANTITIES CHECKED BY: AKM

SHEET 7/96 | DRAWING NO. G-7

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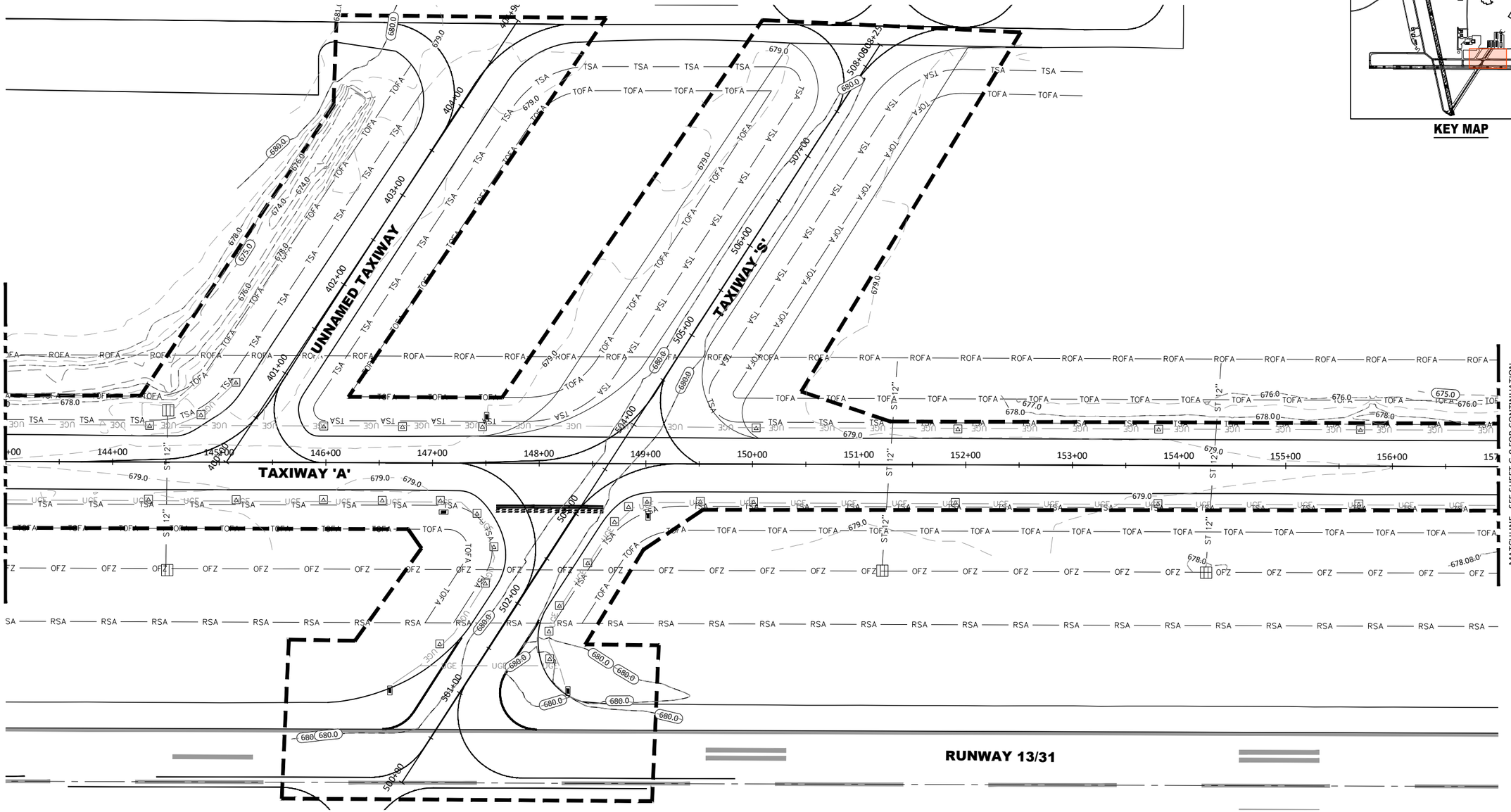
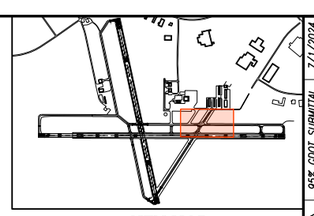
NOT FOR CONSTRUCTION





CONSTRUCTION NOTES: (#)

1. INFORMATION AND LINEWORK OUTSIDE LIMITS OF TOPOGRAPHIC SURVEY BOUNDARY ARE BASED OFF AERIAL IMAGERY AND SHOULD BE USED FOR REFERENCE PURPOSES ONLY.
2. SURVEY PERFORMED BY AMERICAN ENGINEERS, INC. (AEI).
3. EXISTING UTILITY INFORMATION PROVIDED BY AMERICAN ENGINEERS, INC. (AEI).
4. UNDERGROUND UTILITY LINES ARE APPROXIMATE AND ARE DISPLAYED BASED ON A FIELD SURVEY, GIS, AND DATA PROVIDED BY LOCAL UTILITY ENTITIES. CONTRACTOR SHALL FIELD VERIFY EXISTING UTILITY CONDITIONS AS NECESSARY TO COMPLETE THE PROJECT. CONTRACTOR SHALL NOTIFY THE ENGINEER IF INFORMATION DIFFERS.
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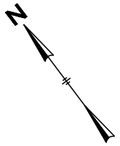
LEGEND

- EXISTING AIRCRAFT TIE-DOWN
- EXISTING LIGHT POLE
- EXISTING TAXIWAY EDGE LIGHT
- EXISTING STORM SEWER INLET/MANHOLE
- EXISTING WATER HYDRANT
- EXISTING WATER VALVE
- EXISTING GAS VALVE
- EXISTING SANITARY SEWER STRUCTURE
- EXISTING SANITARY SEWER CLEANOUT
- EXISTING TAXIWAY SIGN
- EXISTING GAS METER
- EXISTING ELECTRICAL STRUCTURE
- EXISTING PIV
- EXISTING WATER METER
- EXISTING TELEPHONE STRUCTURE
- EXISTING SUBDRAIN RISER
- PAVEMENT CORE LOCATIONS
- EXISTING LEASEHOLD BOUNDARY
- LIMITS OF SURVEY
- EXISTING FENCE LINE
- EXISTING STORM SEWER
- EXISTING WATER LINE
- EXISTING SANITARY SEWER
- EXISTING SUBDRAIN
- EXISTING UNDERGROUND ELECTRICAL LINE
- EXISTING COMMUNICATIONS LINE
- EXISTING GAS LINE
- EXISTING CONTOURS MINOR
- EXISTING CONTOURS MAJOR



0 50 100 150
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
1	-	7/1/2024
95%	CDOT SUBMITTAL	

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

EXISTING CONDITIONS - SHEET 4

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
400 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 8/96 | DRAWING NO. G-8

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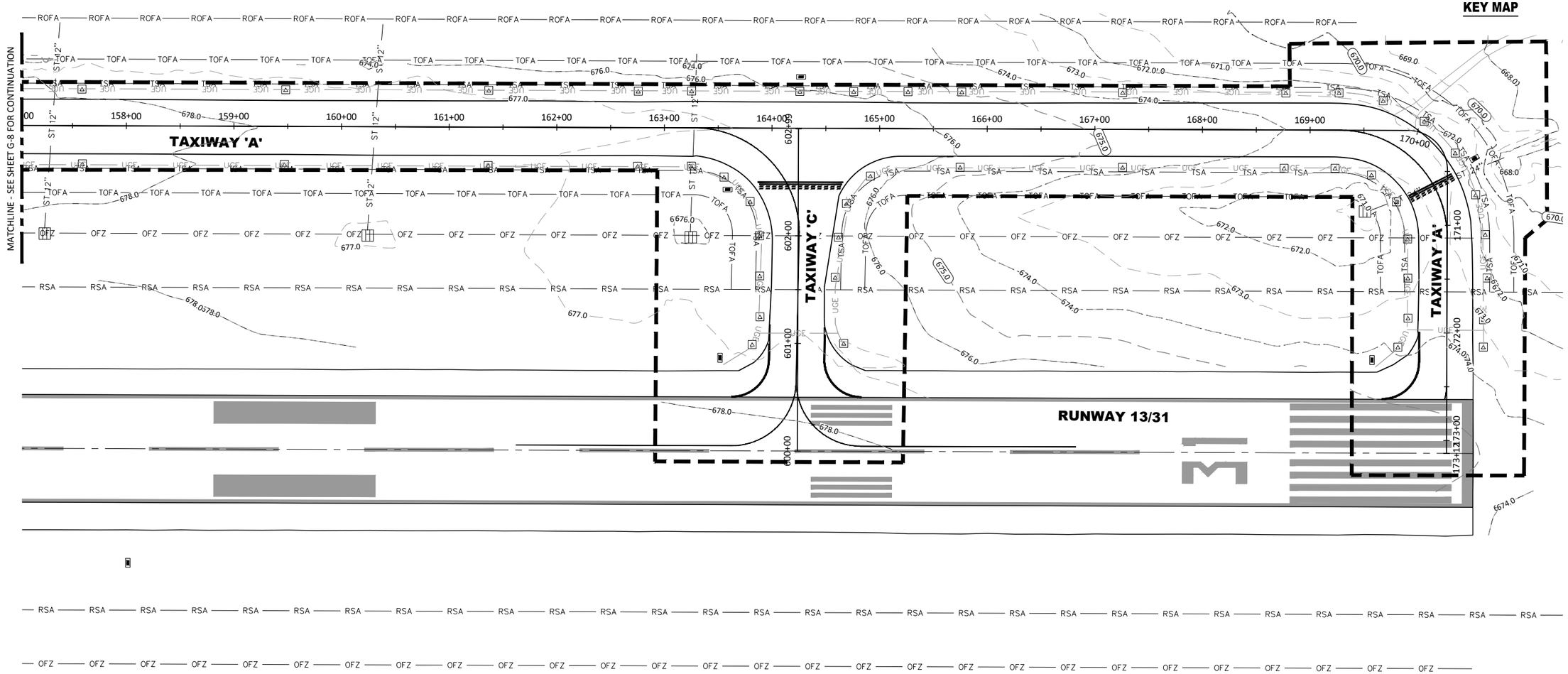
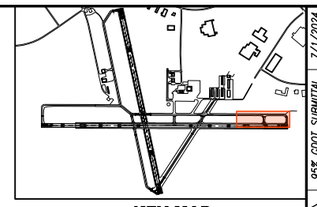
NOT FOR CONSTRUCTION





KEY MAP

CONSTRUCTION NOTES: (#)

1. INFORMATION AND LINEWORK OUTSIDE LIMITS OF TOPOGRAPHIC SURVEY BOUNDARY ARE BASED OFF AERIAL IMAGERY AND SHOULD BE USED FOR REFERENCE PURPOSES ONLY.
2. SURVEY PERFORMED BY AMERICAN ENGINEERS, INC. (AEI).
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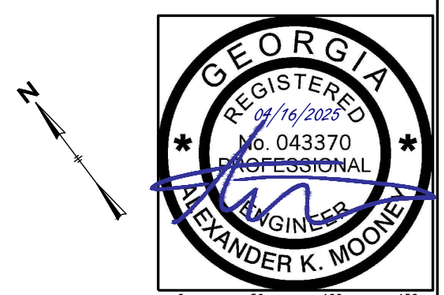
LEGEND

- EXISTING AIRCRAFT TIE-DOWN
- EXISTING LIGHT POLE
- EXISTING TAXIWAY EDGE LIGHT
- EXISTING STORM SEWER INLET/MANHOLE
- EXISTING WATER HYDRANT
- EXISTING WATER VALVE
- EXISTING GAS VALVE
- EXISTING SANITARY SEWER STRUCTURE
- EXISTING SANITARY SEWER CLEANOUT
- EXISTING TAXIWAY SIGN
- EXISTING GAS METER
- EXISTING ELECTRICAL STRUCTURE
- EXISTING PIV
- EXISTING WATER METER
- EXISTING TELEPHONE STRUCTURE
- EXISTING SUBDRAIN RISER
- PAVEMENT CORE LOCATIONS
- EXISTING LEASEHOLD BOUNDARY
- LIMITS OF SURVEY
- EXISTING FENCE LINE
- EXISTING STORM SEWER
- EXISTING WATER LINE
- EXISTING SANITARY SEWER
- EXISTING SUBDRAIN
- EXISTING UNDERGROUND ELECTRICAL LINE
- EXISTING COMMUNICATIONS LINE
- EXISTING GAS LINE
- EXISTING CONTOURS MINOR
- EXISTING CONTOURS MAJOR



0 50 100 150
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
1	-	-
2	95% CDOT SUBMITAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

EXISTING CONDITIONS - SHEET 5

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

QUANTITIES CHECKED BY: AKM
REVIEWED BY: AVB
DESIGNED BY: HRT
DRAWN BY: DJL

SHEET 9/96
DRAWING NO. G-9

Last Saved: 4/9/2025, 3:33:19 PM Saved By: DLEON Plotted: 4/10/2025 12:01 PM
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NOT FOR CONSTRUCTION

SOIL TEST BORING RECORD — C-01

Depth (ft)	Soil Classification and Remarks	Ident	N-Count (1st 6" / 2nd 6" / 3rd 6")
0	**ASPHALT LAYER:** 6"		
	GRADED AGGREGATE BASE LAYER: 8"		
	ALLUVIUM: Stiff Grey Green Sandy Micaceous SILT (ML)	SPT-1	2-3-6 (N = 9)
	Stiff Gray Green Sandy Fat CLAY (CH)	SPT-2	4-5-4 (N = 9)
5	Boring terminated at 5 feet.		

DRILLER: Bridger Drilling
EQUIPMENT: CME-55 (Auto-Hammer)
METHOD: 2 1/4" HSA
HOLE DIA.: 6 inches
REMARKS: No groundwater was encountered.
PREPARED BY: DW REVIEWED BY: YH

BORING NO.: C-01
PROJECT: Lagrange Parallel Taxiway
LOCATION: Lagrange, GA
DRILLED: March 23, 2023
PROJECT NO.: 612232410 PAGE 1 OF 1

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING BORING LOGS.GPJ AMEC.GDT 4/14/23

wsp

SOIL TEST BORING RECORD — C-02

Depth (ft)	Soil Classification and Remarks	Ident	N-Count (1st 6" / 2nd 6" / 3rd 6")
0	**ASPHALT LAYER:** 7"		
	GRADED AGGREGATE BASE LAYER: 8"		
	ALLUVIUM: Stiff Gray Green Sandy CLAY (CL)	SPT-1	3-5-5 (N = 10)
	Firm Gray Green Very Micaceous Fat CLAY (CH) with Sand	SPT-2	3-3-4 (N = 7)
5	Boring terminated at 5 feet.		

DRILLER: Bridger Drilling
EQUIPMENT: CME-55 (Auto-Hammer)
METHOD: 2 1/4" HSA
HOLE DIA.: 6 inches
REMARKS: No groundwater was encountered.
PREPARED BY: DW REVIEWED BY: YH

BORING NO.: C-02
PROJECT: Lagrange Parallel Taxiway
LOCATION: Lagrange, GA
DRILLED: March 23, 2023
PROJECT NO.: 612232410 PAGE 1 OF 1

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING BORING LOGS.GPJ AMEC.GDT 4/14/23

wsp

SOIL TEST BORING RECORD — C-03

Depth (ft)	Soil Classification and Remarks	Ident	N-Count (1st 6" / 2nd 6" / 3rd 6")
0	**ASPHALT LAYER:** 7"		
	GRADED AGGREGATE BASE LAYER: 10"		
	ALLUVIUM: Stiff Green Gray Sandy Fat CLAY (CH)	SPT-1	5-5-6 (N = 11)
	Brown Fat CLAY (CH) with Sand	SPT-2	2-3-5 (N = 8)
5	Boring terminated at 5 feet.		

DRILLER: Bridger Drilling
EQUIPMENT: CME-55 (Auto-Hammer)
METHOD: 2 1/4" HSA
HOLE DIA.: 6 inches
REMARKS: No groundwater was encountered.
PREPARED BY: DW REVIEWED BY: YH

BORING NO.: C-03
PROJECT: Lagrange Parallel Taxiway
LOCATION: Lagrange, GA
DRILLED: March 23, 2023
PROJECT NO.: 612232410 PAGE 1 OF 1

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING BORING LOGS.GPJ AMEC.GDT 4/14/23

wsp

SOIL TEST BORING RECORD — C-04

Depth (ft)	Soil Classification and Remarks	Ident	N-Count (1st 6" / 2nd 6" / 3rd 6")
0	**ASPHALT LAYER:** 6"		
	GRADED AGGREGATE BASE LAYER: 6"		
	FILL: Firm Red Sandy CLAY (CL)	SPT-1	2-2-4 (N = 6)
	ALLUVIUM: Firm Green Gray Sandy CLAY (CL)	SPT-2	2-3-4 (N = 7)
5	Boring terminated at 5 feet.		

DRILLER: Bridger Drilling
EQUIPMENT: CME-55 (Auto-Hammer)
METHOD: 2 1/4" HSA
HOLE DIA.: 6 inches
REMARKS: No groundwater was encountered.
PREPARED BY: DW REVIEWED BY: YH

BORING NO.: C-04
PROJECT: Lagrange Parallel Taxiway
LOCATION: Lagrange, GA
DRILLED: March 23, 2023
PROJECT NO.: 612232410 PAGE 1 OF 1

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING BORING LOGS.GPJ AMEC.GDT 4/14/23

wsp

SOIL TEST BORING RECORD — C-05

Depth (ft)	Soil Classification and Remarks	Ident	N-Count (1st 6" / 2nd 6" / 3rd 6")
0	**ASPHALT LAYER:** 2 1/4"		
	GRADED AGGREGATE BASE LAYER: 4"		
	FILL: Firm Red Sandy CLAY (CL) with Silt	SPT-1	4-2-4 (N = 6)
	RESIDUUM: Dense Gray Brown Micaceous Silty Medium SAND (SM)	SPT-2	3-12-19 (N = 31)
5	Boring terminated at 5 feet.		

DRILLER: Bridger Drilling
EQUIPMENT: CME-55 (Auto-Hammer)
METHOD: 2 1/4" HSA
HOLE DIA.: 6 inches
REMARKS: No groundwater was encountered.
PREPARED BY: DW REVIEWED BY: YH

BORING NO.: C-05
PROJECT: Lagrange Parallel Taxiway
LOCATION: Lagrange, GA
DRILLED: March 23, 2023
PROJECT NO.: 612232410 PAGE 1 OF 1

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING BORING LOGS.GPJ AMEC.GDT 4/14/23

wsp

SOIL TEST BORING RECORD — C-06

Depth (ft)	Soil Classification and Remarks	Ident	N-Count (1st 6" / 2nd 6" / 3rd 6")
0	**ASPHALT LAYER:** 6 1/2"		
	GRADED AGGREGATE BASE LAYER: 10"		
	PARTIALLY WEATHERED ROCK: Sampled As Very Dense Gray Brown Silty Coarse to Medium SAND (SM)	SPT-1	50/1"
	RESIDUUM: Very Dense Gray Brown Micaceous Silty SAND (SM)	SPT-2	10-25-35 (N = 60)
5	Boring terminated at 5 feet.		

DRILLER: Bridger Drilling
EQUIPMENT: CME-55 (Auto-Hammer)
METHOD: 2 1/4" HSA
HOLE DIA.: 6 inches
REMARKS: No groundwater was encountered.
PREPARED BY: DW REVIEWED BY: YH

BORING NO.: C-06
PROJECT: Lagrange Parallel Taxiway
LOCATION: Lagrange, GA
DRILLED: March 23, 2023
PROJECT NO.: 612232410 PAGE 1 OF 1

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING BORING LOGS.GPJ AMEC.GDT 4/14/23

wsp

SOIL TEST BORING RECORD — C-07

Depth (ft)	Soil Classification and Remarks	Ident	N-Count (1st 6" / 2nd 6" / 3rd 6")
0	**ASPHALT LAYER:** 6"		
	GRADED AGGREGATE BASE LAYER: 10"		
	POSSIBLE FILL: Very Stiff Gray Brown Medium to Fine Sandy Micaceous SILT (ML)	SPT-1	4-9-19 (N = 28)
	Dense Gray Brown Micaceous Silty Coarse to Medium SAND (SM)	SPT-2	13-17-26 (N = 43)
5	Boring terminated at 5 feet.		

DRILLER: Bridger Drilling
EQUIPMENT: CME-55 (Auto-Hammer)
METHOD: 2 1/4" HSA
HOLE DIA.: 6 inches
REMARKS: No groundwater was encountered.
PREPARED BY: DW REVIEWED BY: YH

BORING NO.: C-07
PROJECT: Lagrange Parallel Taxiway
LOCATION: Lagrange, GA
DRILLED: March 23, 2023
PROJECT NO.: 612232410 PAGE 1 OF 1

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER. INTERFACES BEWEEN STRATA ARE APPROXIMATE. TRANSITIONS BETWEEN STRATA MAY BE GRADUAL.

SOIL TEST BORING BORING LOGS.GPJ AMEC.GDT 4/14/23

wsp

NOTES:

1. Refer To Sheet G-4 For Overall Site Plan And Core Locations.
2. Geotechnical Exploration And Pavement Evaluation Completed Prior To The Project By WSP USA Environment & Infrastructure Inc. On May 1, 2023. Geotechnical Core Logs Provided For Information Only.

GEORGIA
REGISTERED
04/16/2025
No. 043370
PROFESSIONAL
ENGINEER
ALEXANDER K. MOONEY

NO.	REVISIONS	DATE
△	95% GDOT SUBMITTAL	7/1/2024
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

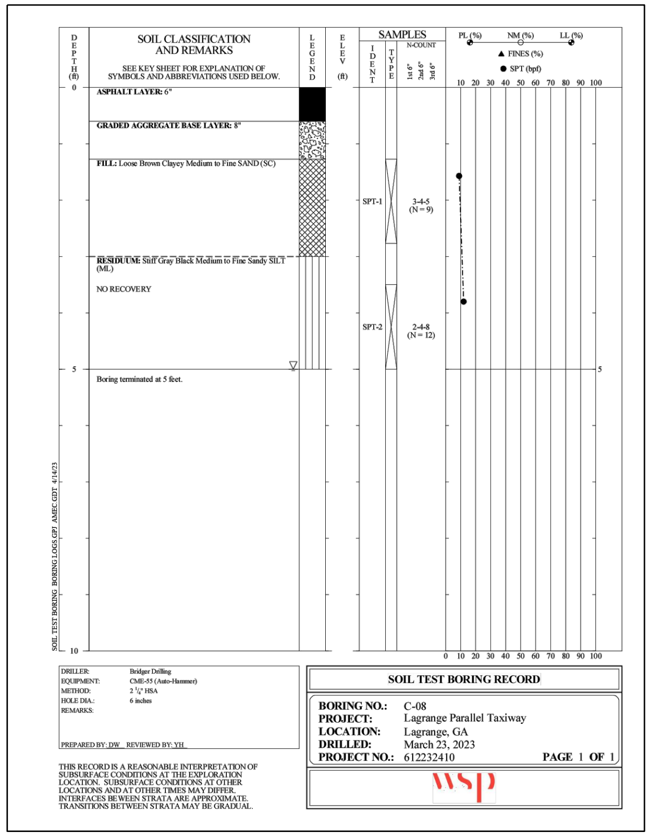
BORE LOGS - SHEET 1

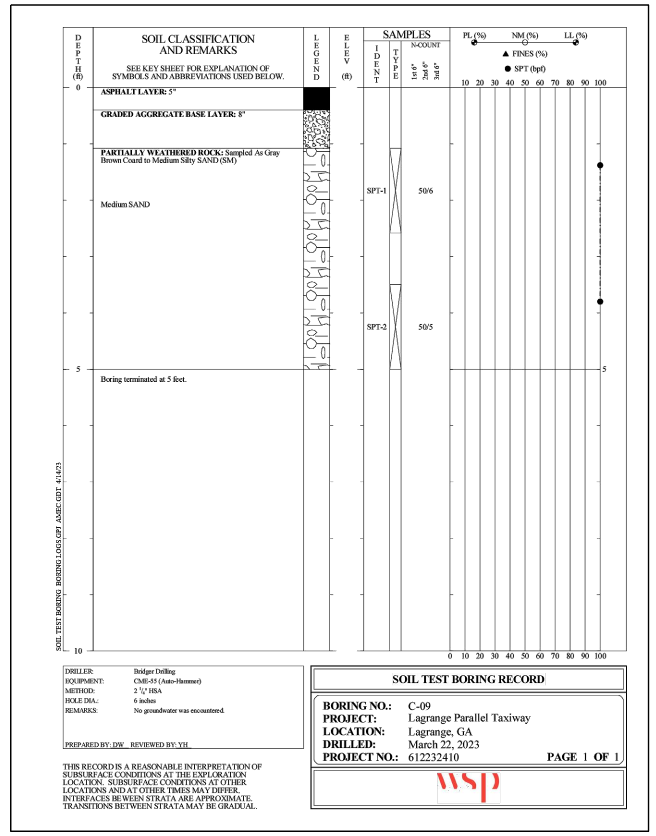
LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

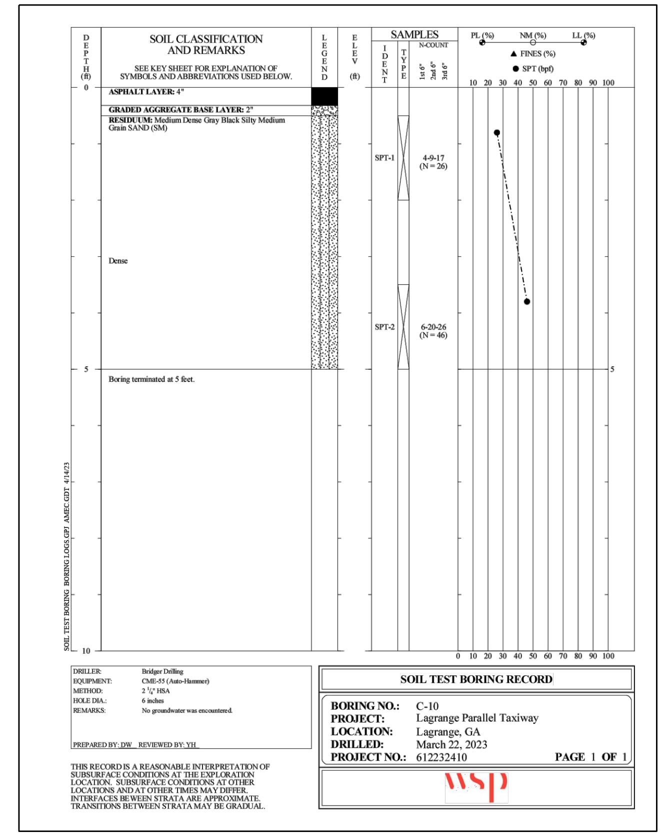
benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

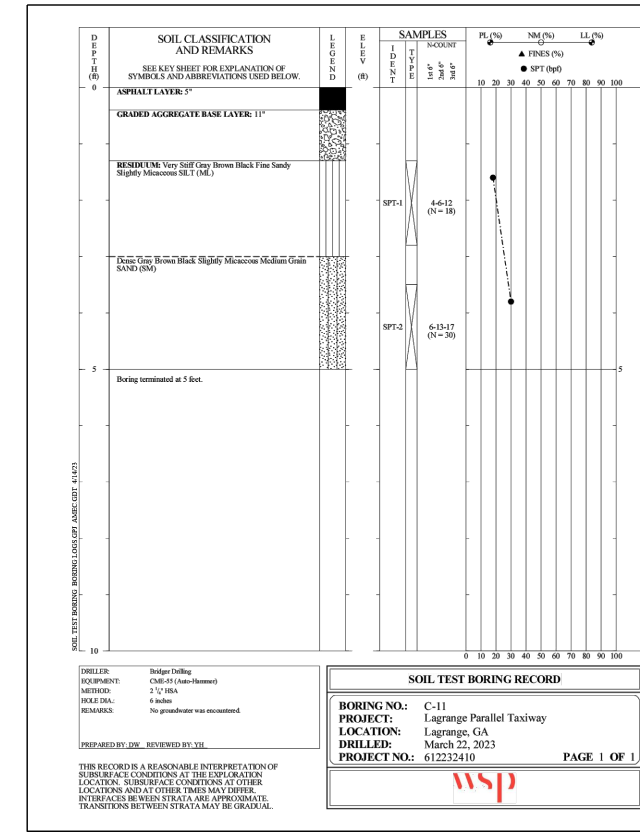
DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

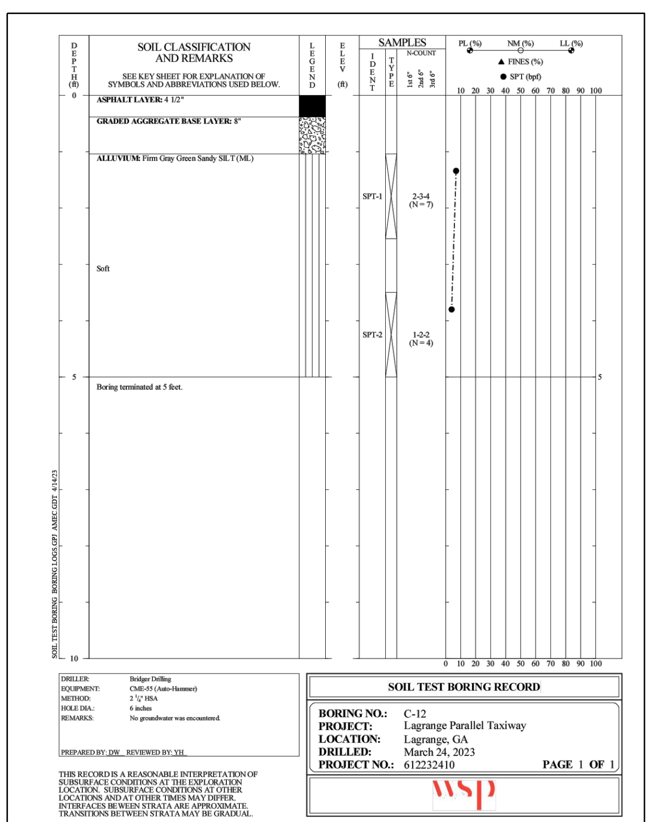
NOT FOR CONSTRUCTION

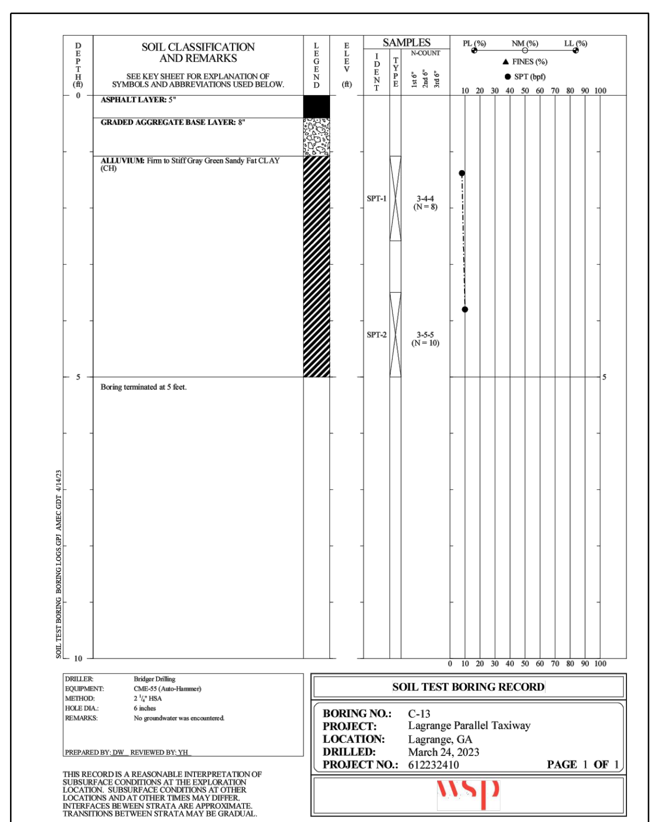


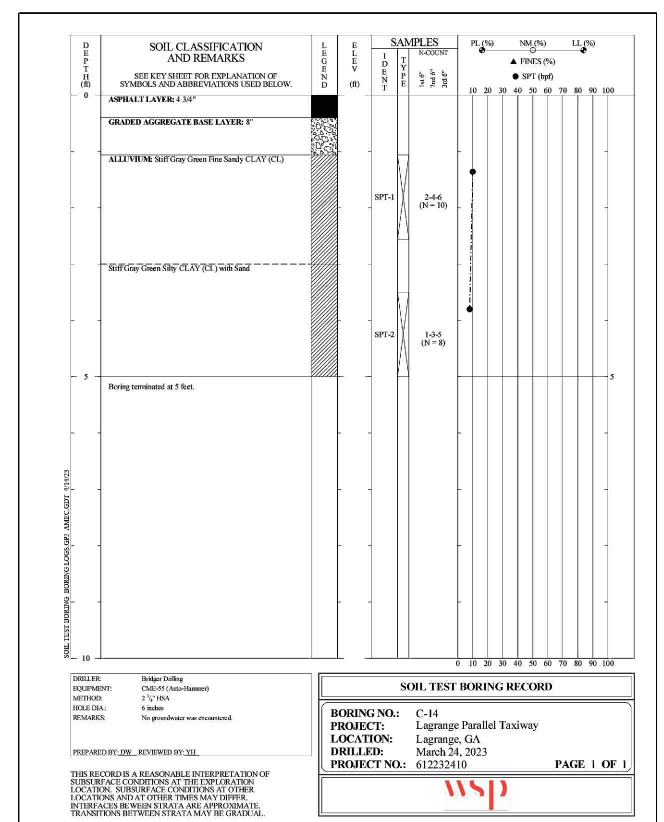












NOTES:

1. Refer To Sheet G-4 For Overall Site Plan And Core Locations.
2. Geotechnical Exploration And Pavement Evaluation Completed Prior To The Project By WSP USA Environment & Infrastructure Inc. On May 1, 2023. Geotechnical Core Logs Provided For Information Only.

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

DATE: APRIL 2025

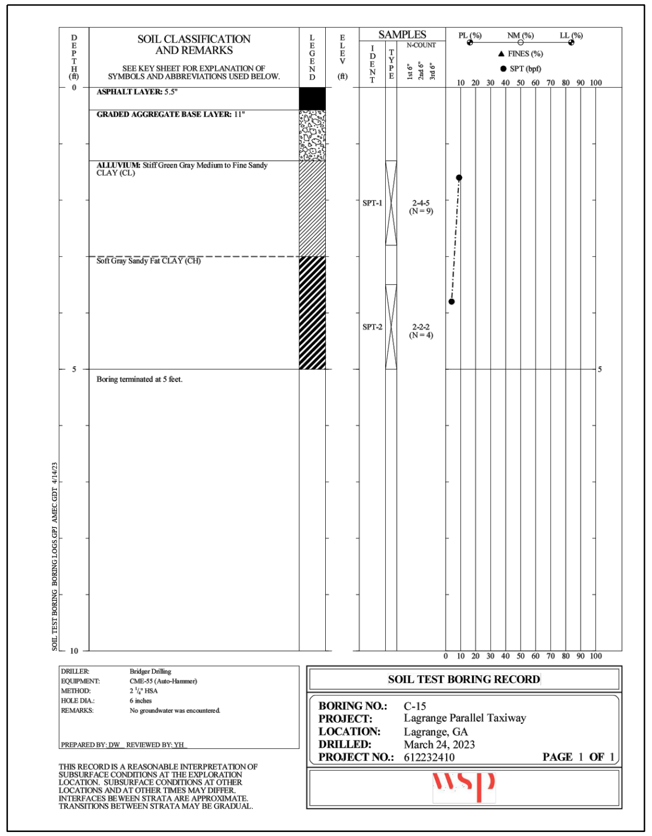
BORE LOGS - SHEET 2

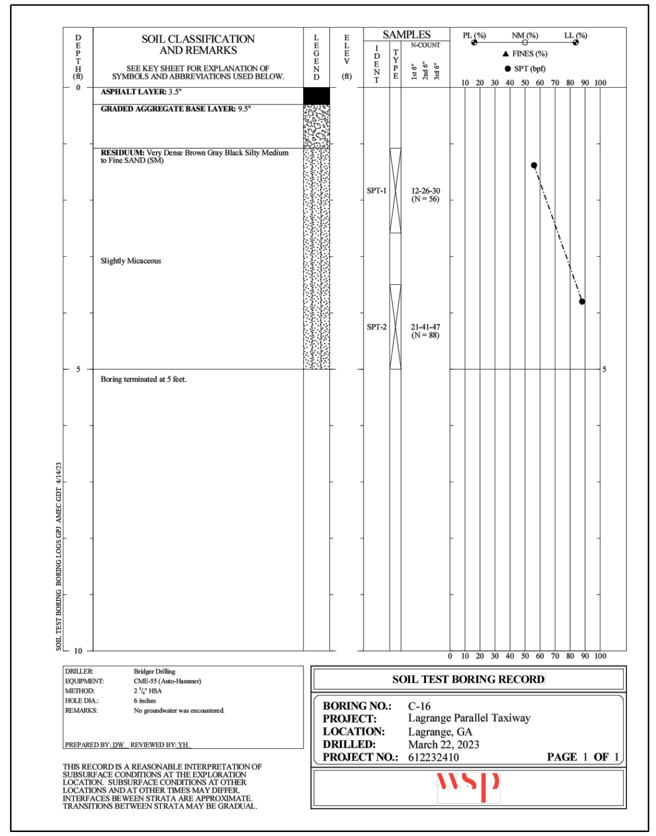
LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

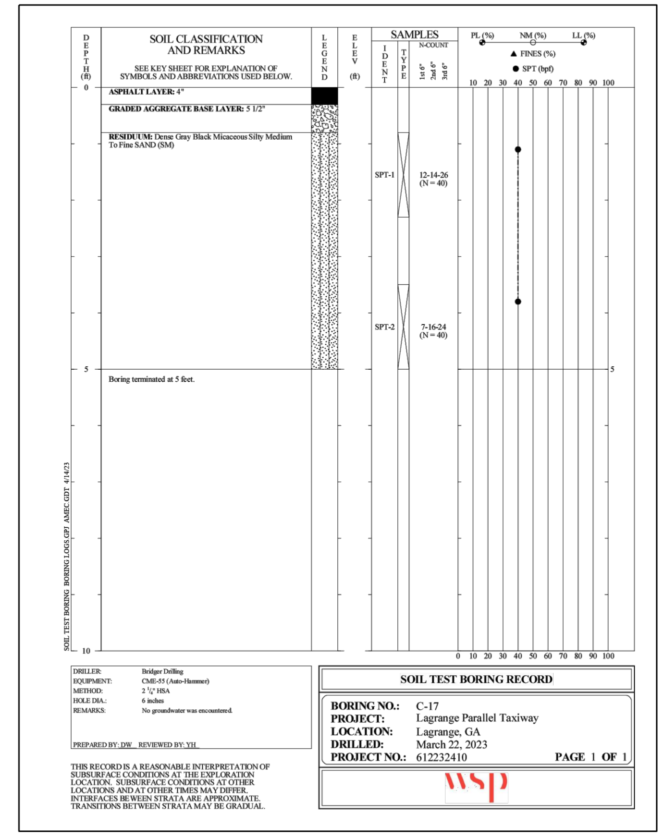
benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

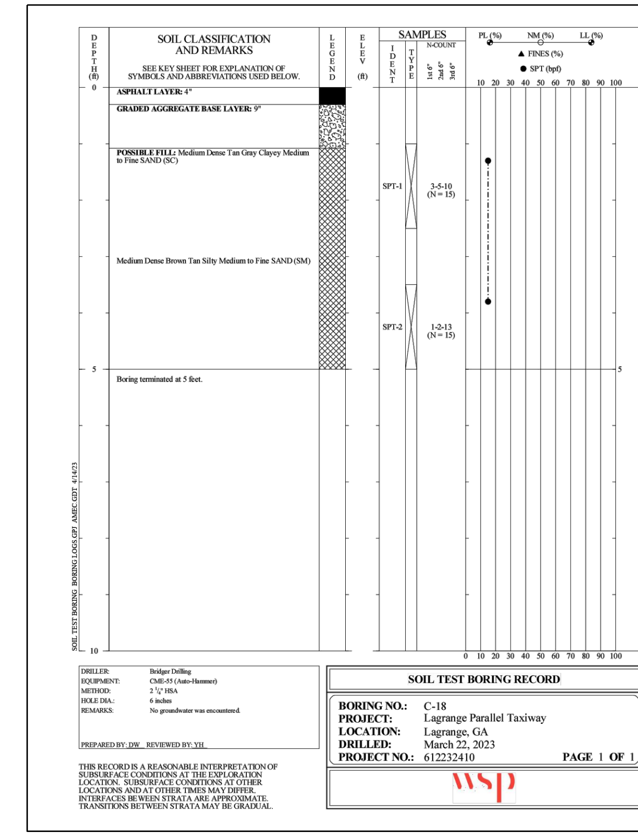
DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

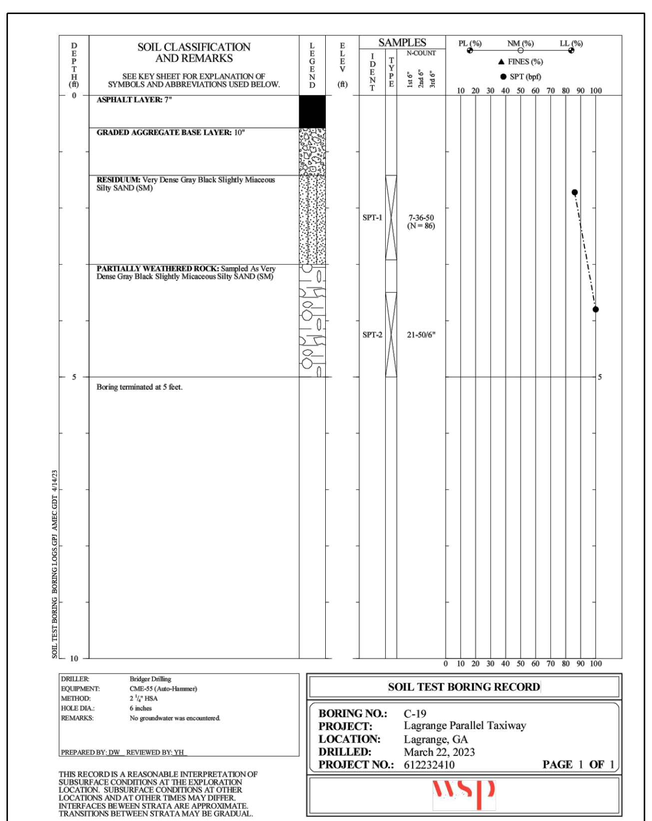
NOT FOR CONSTRUCTION

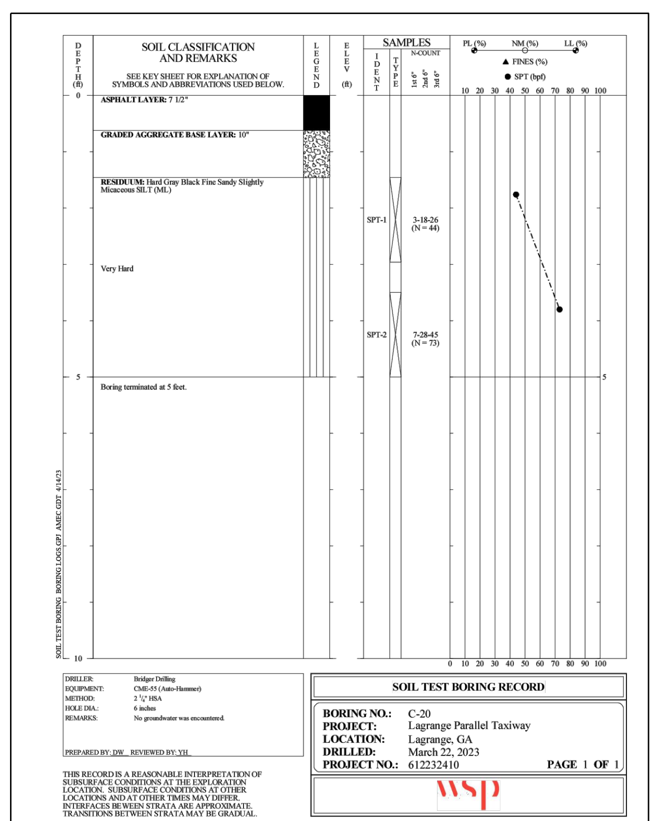












NOTES:

1. Refer To Sheet G-4 For Overall Site Plan And Core Locations.
2. Geotechnical Exploration And Pavement Evaluation Completed Prior To The Project By WSP USA Environment & Infrastructure Inc. On May 1, 2023. Geotechnical Core Logs Provided For Information Only.

NO.	REVISIONS	DATE
△	95% GDOT SUBMITTAL	7/1/2024
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PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

DATE: APRIL 2025

BORE LOGS - SHEET 3

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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SHEET 12/96 | DRAWING NO. G-12

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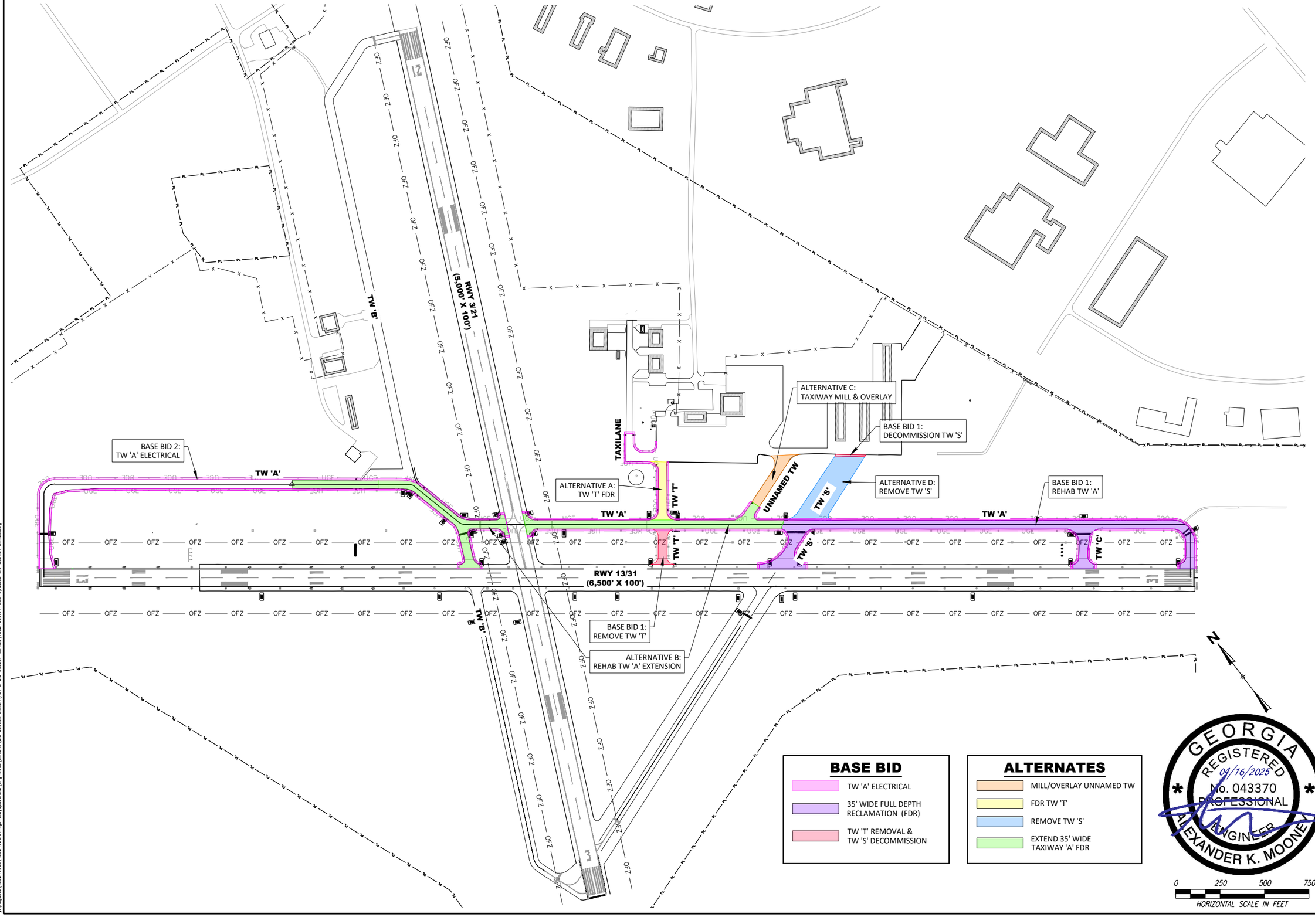

BASE BID

🟪	TW 'A' ELECTRICAL
🟪	35' WIDE FULL DEPTH RECLAMATION (FDR)
🟥	TW 'T' REMOVAL & TW 'S' DECOMMISSION

ALTERNATES

🟧	MILL/OVERLAY UNNAMED TW
🟨	FDR TW 'T'
🟦	REMOVE TW 'S'
🟩	EXTEND 35' WIDE TAXIWAY 'A' FDR

No. 043370
04/16/2025
ALEXANDER K. MOONEY

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024
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PROJECT
TAXIWAY 'A' PAVEMENT
REHAB & LIGHTING
DATE
APRIL 2025

BID ALTERNATES PLAN

LAGRANGE - CALLAWAY
AIRPORT (LGC)
LAGRANGE, GA

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QUANTITIES CHECKED BY: AKM

SHEET 13/96
DRAWING NO. G-13

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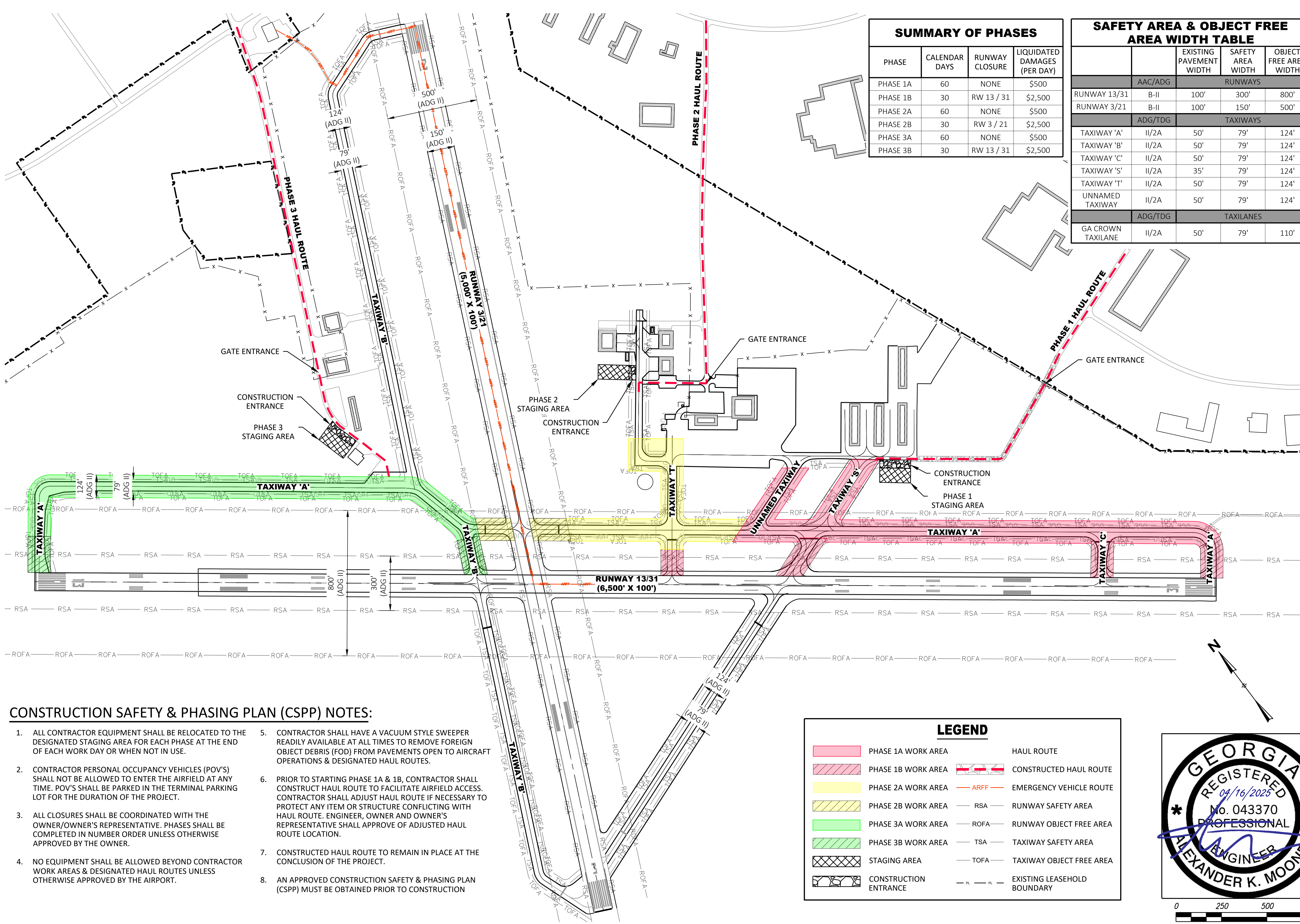

SUMMARY OF PHASES

PHASE	CALENDAR DAYS	RUNWAY CLOSURE	LIQUIDATED DAMAGES (PER DAY)
PHASE 1A	60	NONE	$500
PHASE 1B	30	RW 13 / 31	$2,500
PHASE 2A	60	NONE	$500
PHASE 2B	30	RW 3 / 21	$2,500
PHASE 3A	60	NONE	$500
PHASE 3B	30	RW 13 / 31	$2,500

SAFETY AREA & OBJECT FREE AREA WIDTH TABLE

		EXISTING PAVEMENT WIDTH	SAFETY AREA WIDTH	OBJECT FREE AREA WIDTH
	AAC/ADG	RUNWAYS		
RUNWAY 13/31	B-II	100'	300'	800'
RUNWAY 3/21	B-II	100'	150'	500'
	ADG/TDG	TAXIWAYS		
TAXIWAY 'A'	II/2A	50'	79'	124'
TAXIWAY 'B'	II/2A	50'	79'	124'
TAXIWAY 'C'	II/2A	50'	79'	124'
TAXIWAY 'S'	II/2A	35'	79'	124'
TAXIWAY 'T'	II/2A	50'	79'	124'
UNNAMED TAXIWAY	II/2A	50'	79'	124'
	ADG/TDG	TAXILANES		
GA CROWN TAXILANE	II/2A	50'	79'	110'

CONSTRUCTION SAFETY & PHASING PLAN (CSPP) NOTES:

1. ALL CONTRACTOR EQUIPMENT SHALL BE RELOCATED TO THE DESIGNATED STAGING AREA FOR EACH PHASE AT THE END OF EACH WORK DAY OR WHEN NOT IN USE.
2. CONTRACTOR PERSONAL OCCUPANCY VEHICLES (POV'S) SHALL NOT BE ALLOWED TO ENTER THE AIRFIELD AT ANY TIME. POV'S SHALL BE PARKED IN THE TERMINAL PARKING LOT FOR THE DURATION OF THE PROJECT.
3. ALL CLOSURES SHALL BE COORDINATED WITH THE OWNER/OWNER'S REPRESENTATIVE. PHASES SHALL BE COMPLETED IN NUMBER ORDER UNLESS OTHERWISE APPROVED BY THE OWNER.
4. NO EQUIPMENT SHALL BE ALLOWED BEYOND CONTRACTOR WORK AREAS & DESIGNATED HAUL ROUTES UNLESS OTHERWISE APPROVED BY THE AIRPORT.
5. CONTRACTOR SHALL HAVE A VACUUM STYLE SWEEPER READILY AVAILABLE AT ALL TIMES TO REMOVE FOREIGN OBJECT DEBRIS (FOD) FROM PAVEMENTS OPEN TO AIRCRAFT OPERATIONS & DESIGNATED HAUL ROUTES.
6. PRIOR TO STARTING PHASE 1A & 1B, CONTRACTOR SHALL CONSTRUCT HAUL ROUTE TO FACILITATE AIRFIELD ACCESS. CONTRACTOR SHALL ADJUST HAUL ROUTE IF NECESSARY TO PROTECT ANY ITEM OR STRUCTURE CONFLICTING WITH HAUL ROUTE. ENGINEER, OWNER AND OWNER'S REPRESENTATIVE SHALL APPROVE OF ADJUSTED HAUL ROUTE LOCATION.
7. CONSTRUCTED HAUL ROUTE TO REMAIN IN PLACE AT THE CONCLUSION OF THE PROJECT.
8. AN APPROVED CONSTRUCTION SAFETY & PHASING PLAN (CSPP) MUST BE OBTAINED PRIOR TO CONSTRUCTION

LEGEND

PHASE 1A WORK AREA	HAUL ROUTE
PHASE 1B WORK AREA	CONSTRUCTED HAUL ROUTE
PHASE 2A WORK AREA	ARFF — EMERGENCY VEHICLE ROUTE
PHASE 2B WORK AREA	RSA — RUNWAY SAFETY AREA
PHASE 3A WORK AREA	ROFA — RUNWAY OBJECT FREE AREA
PHASE 3B WORK AREA	TSA — TAXIWAY SAFETY AREA
STAGING AREA	TOFA — TAXIWAY OBJECT FREE AREA
CONSTRUCTION ENTRANCE	EXISTING LEASEHOLD BOUNDARY

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 043370 ALEXANDER K. MOONEY 04/16/2025

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

CONSTRUCTION SAFETY & PHASING PLAN (CSPP) - OVERALL

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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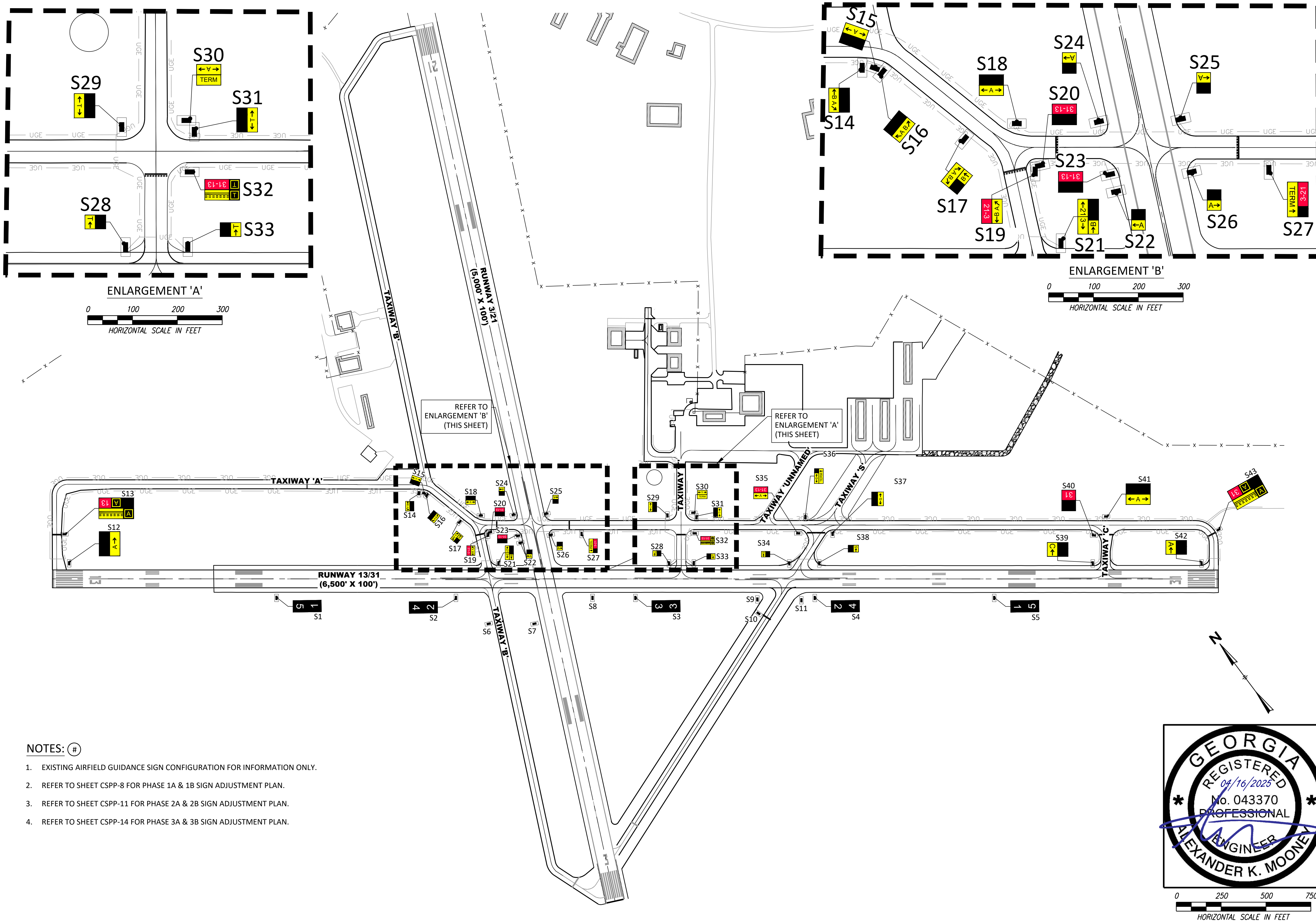

NOTES: (#)

1. EXISTING AIRFIELD GUIDANCE SIGN CONFIGURATION FOR INFORMATION ONLY.
2. REFER TO SHEET CSPP-8 FOR PHASE 1A & 1B SIGN ADJUSTMENT PLAN.
3. REFER TO SHEET CSPP-11 FOR PHASE 2A & 2B SIGN ADJUSTMENT PLAN.
4. REFER TO SHEET CSPP-14 FOR PHASE 3A & 3B SIGN ADJUSTMENT PLAN.

GEORGIA REGISTERED No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY 04/16/2025

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

DATE: APRIL 2025

CONSTRUCTION SAFETY & PHASING PLAN (CSPP) - SIGN LOCATIONS

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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SHEET 15/96 DRAWING NO. CSPP-2

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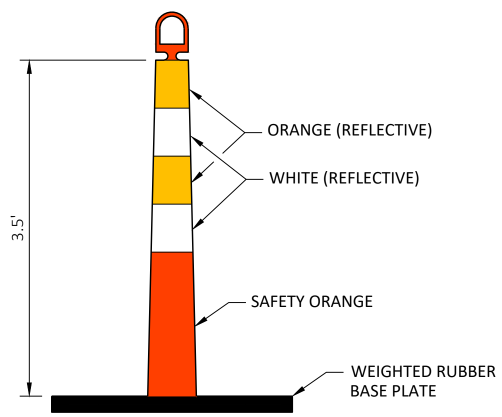


TYPE I BARRICADE (WARNING MARKER) DETAIL
No Scale

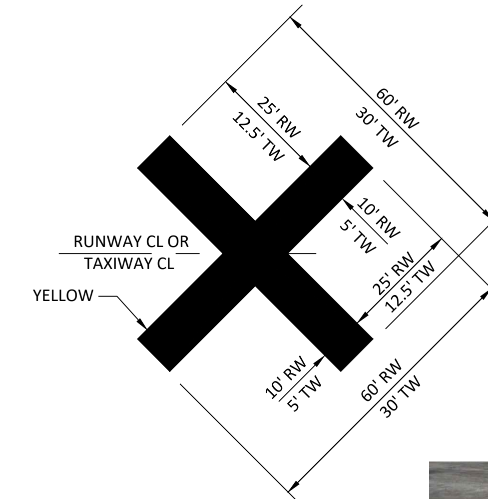
NOTE:

CONTRACTOR SHALL PLACE/MAINTAIN/REMOVE TYPE I BARRICADES **(ESTIMATED 20 REQUIRED)** TO MARK STAGING AREA AND AS DIRECTED BY THE OWNER/ENGINEER. NO SEPARATE MEASUREMENT OR PAYMENT FOR "AIRPORT SAFETY MEASURES". COST TO BE INCLUDED IN THE LINE ITEM FOR FAA SPECIFICATION C-105 "MOBILIZATION". TYPE I BARRICADES SHALL NOT BE USED IN ACTIVE AIRCRAFT MOVEMENT AREAS.

TYPICAL SIGN COVER DETAIL
No Scale

NOTE:

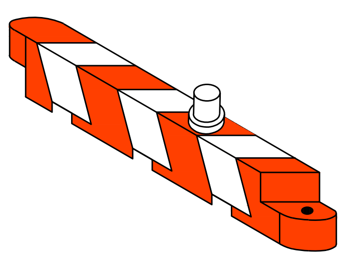
TO MAKE SIGN ADJUSTMENTS, CONTRACTOR SHALL WRAP SIGNS WITH GEOTEXTILE FILTER FABRIC AND WIRE AS APPROVED BY THE AIRPORT. SIGNS SHALL BE COVERED TO ENSURE THAT NO SIGNAGE LIGHTING IS VISIBLE THROUGH THE GEOTEXTILE SIGN COVERING.



TEMPORARY X DETAIL
No Scale

NOTES:

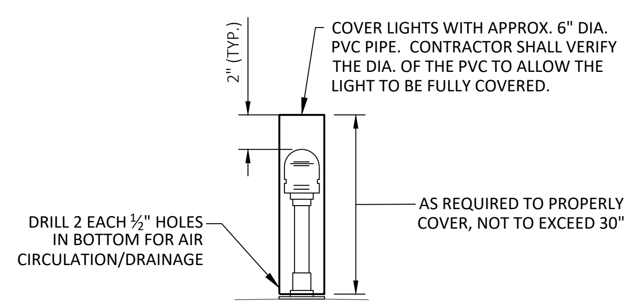
1. CONTRACTOR FURNISHED RUNWAY X'S (2 EACH) AND TAXIWAY X'S (3 EACH). EACH X SHALL CONSIST OF TWO (2) PIECES OF FABRIC AS SHOWN IN TEMPORARY X DETAIL. FABRIC SHALL BE MADE OF YELLOW VINYL COATED MESH. FABRIC SHALL BE SCREEN GUARD.
2. ALL TEMPORARY X'S SHALL BE FURNISHED BY THE CONTRACTOR AND SHALL REMAIN THE CONTRACTOR'S PROPERTY UPON COMPLETION OF THE PROJECT.
3. X'S SHALL BE PLACED AT LOCATIONS DESIGNATED BY THE FIELD ENGINEER/OWNER AS REQUIRED. X'S SHALL BE SECURED WITH TYPE I BARRICADE RUBBER BASE PAINTED AVIATION YELLOW (FURNISHED BY CONTRACTOR). REFER TO SAMPLE PHOTO. SAND BAGS ARE NOT ALLOWED. FURNISHING, PLACING, MAINTAINING AND REMOVAL OF TEMPORARY X'S SHALL BE INCLUDED IN THE LINE ITEM FOR FAA SPECIFICATION C-105 "MOBILIZATION". NO SEPARATE MEASUREMENT OR PAYMENT FOR "AIRPORT SAFETY MEASURES".



TYPE II AIRPORT BARRICADE DETAIL
No Scale

NOTES:

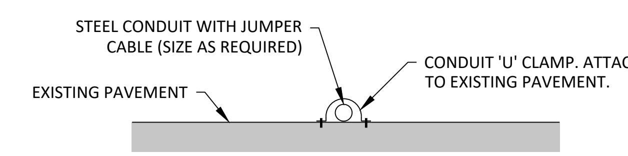
1. CONTRACTOR SHALL FURNISH **(165 ESTIMATED - MAXIMUM PHASE)** TYPE II LOW PROFILE PLASTIC WATER FILLED BARRICADES. BARRICADES SHALL BE RRM SAFETY ORANGE MODEL 4202S0-25 10" X 96" UV-RESISTANT POLYETHYLENE LOW PROFILE PLASTIC AIRPORT BARRICADES MEETING THE REQUIREMENTS OF AC 150/5370-2 (CURRENT EDITION) WITH ONE (1) SCREW-IN 601 (360 DEGREE) RED FLASHING SOLAR LIGHT AND HIGH INTENSITY SHEETING ON BOTH SIDES (ORANGE AND WHITE STRIPES).
2. CONTRACTOR SHALL FURNISH/PLACE/MAINTAIN/REMOVE TYPE II BARRICADES AS REQUIRED BY INDIVIDUAL 'PHASES'. NO SEPARATE MEASUREMENT OR PAYMENT FOR "AIRPORT SAFETY MEASURES". COST TO BE INCLUDED IN THE LINE ITEM FOR FAA SPECIFICATION C-105 "MOBILIZATION".
3. ALL BARRICADES SHALL BE LINKED TOGETHER AT EACH LOCATION AND FILLED WITH ENOUGH WATER TO PREVENT THE STRING OF BARRICADES FROM MOVING FROM WIND, JET BLAST AND PROP WASH.
4. ALL BARRICADE LOCATIONS SHALL BE PLACED OUTSIDE OF ACTIVE RUNWAY RSA'S AND TAXIWAY TOFA'S. ENGINEER WILL RESOLVE ANY QUESTIONS REGARDING EXACT PLACEMENT LOCATIONS.



TYPICAL LIGHT COVER DETAIL
No Scale

NOTES:

1. AS REQUIRED **(76 ESTIMATED - MAXIMUM PHASE)**, FURNISHING, PLACEMENT AND REMOVAL OF LIGHT COVERS SHALL BE INCLUDED IN THE LINE ITEM FOR FAA SPECIFICATION C-105 "MOBILIZATION". NO SEPARATE MEASUREMENT OR PAYMENT FOR "AIRPORT SAFETY MEASURES".
2. OTHER COVERING METHODS MAY BE CONSIDERED BY OWNER/ENGINEER. CONTRACTORS SHALL SUBMIT PROPOSED COVERING METHOD FOR REVIEW/APPROVAL.
3. THE CONTRACTOR SHALL VERIFY THE LIGHT HEIGHT BEFORE INSTALLING LIGHT COVERS.



CIRCUIT JUMPERING DETAIL
No Scale

NOTE:

AS REQUIRED BY THE CSPP INDIVIDUAL PHASES, THE CONTRACTOR SHALL JUMPER EXISTING CIRCUITS AS REQUIRED TO DEACTIVATE LIGHTS IN CLOSED PAVEMENT AREAS. ALL JUMPERS SHALL BE MADE IN EXISTING LIGHT BASE CANS (OR AT AN EXISTING STAKE MOUNTED LIGHT, IF NO BASE EXISTS). ANY JUMPERS ACROSS EXISTING PAVEMENTS SHALL BE IN A STEEL CONDUIT RUNNING FROM LIGHT TO LIGHT. THE STEEL CONDUIT SHALL BE SECURED TO THE PAVEMENT WITH 'U' CLAMPS. STEEL CONDUITS ABOVE PAVEMENTS NOT ALLOWED IN AREAS OPEN TO AIRCRAFT TRAFFIC. ENGINEER TO APPROVE ALL JUMPER LOCATIONS.

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NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024
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PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

CONSTRUCTION SAFETY & PHASING PLAN (CSPP) - DETAILS

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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SHEET 16/96 DRAWING NO. CSPP-3

CONSTRUCTION SAFETY AND PHASING PLAN (CSPP)

THIS CSPP WAS PREPARED IN ACCORDANCE WITH FAA ADVISORY CIRCULAR (AC) 150/5370-2G "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION" (DATED 12/13/2017). THE NUMBERED ITEMS BELOW FOLLOW THE LIST CONTAINED IN AC 150/5370-2G SECTION 2.4. THE CONTRACTOR SHALL COMPLY WITH ALL CONTRACT SAFETY REQUIREMENTS, THE OWNER'S SECURITY PROGRAM REQUIREMENTS, OSHA SAFETY REQUIREMENTS, AND OTHER LOCAL/STATE/FEDERAL LAWS GOVERNING THE SAFETY OF WORK AND THE GENERAL PUBLIC.

ANY CONTRACTOR CHANGES TO THE BELOW CSPP DOCUMENT (INCLUDING DRAWINGS) MUST BE COORDINATED WITH THE OWNER PRIOR TO IMPLEMENTATION.

SAFETY PLAN COMPLIANCE DOCUMENT (BY CONTRACTOR)

IN ACCORDANCE WITH AC 150/5370-2G, SECTION 1.4.3, THE CONTRACTOR SHALL PREPARE AND SUBMIT TO THE OWNER A SAFETY PLAN COMPLIANCE DOCUMENT (SPCD) FOR REVIEW BY THE OWNER. A SAMPLE SPCD IS INCLUDED IN APPENDIX 3 OF THE SPECIFICATION BOOKLET. THE SAMPLE SPCD IS INCLUDED SOLELY TO AID IN THE CONTRACTOR'S PREPARATION OF THE DOCUMENT. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE PREPARATION OF THEIR DOCUMENT AND INFORMATION CONTAINED IN THEIR SPCD. UTILIZATION OF THE SAMPLE SPCD DOES NOT RELIEVE THE CONTRACTOR OF THIS OBLIGATION.

THE CONTRACTOR SHALL PROVIDE THE SPCD A MINIMUM OF TEN (10) WORKING DAYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE. THE SPCD SHOULD INCLUDE A GENERAL STATEMENT, BY THE CONTRACTOR, THAT HE/SHE HAS READ AND WILL ABIDE BY THE CSPP. THE SPCD SHOULD NOT DUPLICATE INFORMATION IN THIS CSPP. IF NO SUPPLEMENTAL INFORMATION IS NECESSARY FOR A SECTION BELOW, THE STATEMENT "NO SUPPLEMENTAL INFORMATION" SHOULD BE WRITTEN.

1. COORDINATION (AC 150/5370-2G, SECTION 2.5)

A. **PRE-CONSTRUCTION CONFERENCE:** A PRE-CONSTRUCTION CONFERENCE WILL BE HELD TO INTRODUCE AND DISCUSS AIRPORT OPERATIONAL SAFETY DURING CONSTRUCTION AS IT RELATES TO THIS PROJECT. THE PRE-CONSTRUCTION CONFERENCE WILL BE SCHEDULED AFTER THE CONTRACT IS AWARDED. THE PRE-CONSTRUCTION CONFERENCE WILL INCLUDE THE OWNER, CONTRACTORS, SUB-CONTRACTORS, UTILITY COMPANIES, SUPPLIERS, FBO'S, AIRPORT TENANTS, FAA, GDOT AND OTHER INTERESTED/AFFECTED PARTIES. THE ENGINEER WILL COORDINATE THE MEETING DATE AND TIME AND WILL NOTIFY INTERESTED PARTIES. THE OWNER'S REPRESENTATIVE WILL CONDUCT THE MEETING.

B. **PROGRESS & SAFETY MEETINGS:** PROGRESS MEETINGS/SAFETY MEETINGS WILL BE HELD BY THE OWNER DURING THE CONSTRUCTION PROJECT. UNLESS OTHERWISE DIRECTED BY THE OWNER, PROGRESS MEETINGS/SAFETY MEETINGS WILL BE HELD ON A **BI-WEEKLY BASIS** AND **PRIOR TO A NEW MAJOR CONSTRUCTION OPERATION CHANGE**. THE PRIME CONTRACTOR IS REQUIRED TO HAVE AN APPROPRIATE REPRESENTATIVE IN ATTENDANCE AT ALL MEETINGS. THE CONTRACTOR'S EMPLOYEES, SUBCONTRACTOR'S EMPLOYEES, AND SUPPLIER'S EMPLOYEES ARE ALL ENCOURAGED TO ATTEND. AT EACH PROGRESS MEETING/SAFETY MEETING, PROJECT SAFETY AND OPERATIONAL SAFETY WILL BE DISCUSSED. A SAFETY ORIENTATION MEETING IS ALSO REQUIRED PRIOR TO EACH PHASE CHANGE FOR ALL PROJECT SITE PERSONNEL.

C. **SCOPE OR SCHEDULE CHANGES:** THE CONTRACTOR SHALL PREPARE AND **PRESENT AN UPDATED SCHEDULE AT EVERY PROGRESS MEETING/SAFETY MEETING**. THE OWNER WILL REVIEW THE SCHEDULE, AND AS REQUIRED, WILL COORDINATE ANY NECESSARY REVISIONS TO THE CSPP, BASED ON CONTRACTOR SCHEDULE, WITH THE FAA.

D. **FAA AIR TRAFFIC ORGANIZATION (ATO) COORDINATION:** COORDINATION WITH FAA ATO IS THE RESPONSIBILITY OF THE OWNER THROUGH THE ISSUANCE OF NOTAMS. THE CONTRACTOR IS REQUIRED TO PROVIDE THE OWNER'S REPRESENTATIVE A MINIMUM OF 72 HOURS NOTICE PRIOR TO BEGINNING CONSTRUCTION, PHASE CHANGES OR AN ACTIVITY THAT CAUSES A CHANGE TO AIRPORT OPERATIONS.

2. PHASING (AC 150/5370-2G, SECTION 2.6)

A. **PHASE ELEMENTS: R**EFER TO CSPP DRAWINGS FOR WORK TO BE COMPLETED PER INDIVIDUAL PHASE. THE CSPP DRAWINGS SHALL BE CONSIDERED PART OF THIS "CONSTRUCTION SAFETY & PHASING PLAN".

B. **CONSTRUCTION SAFETY DRAWINGS: A**LL CONSTRUCTION SAFETY DRAWINGS WILL BE INCLUDED AS PART OF THE FINAL ISSUED CONSTRUCTION PLAN SET. THE CSPP DRAWINGS SHALL BE CONSIDERED PART OF THIS "CONSTRUCTION SAFETY & PHASING PLAN".

3. AREAS & OPERATIONS AFFECTED BY CONSTRUCTION ACTIVITY (AC 150/5370-2G, 2.7)

A. **IDENTIFICATION OF AFFECTED AREAS**
1. CLOSING, OR PARTIAL CLOSING, OF APRON, RUNWAY, OR TAXIWAY:
   - REFER TO CSPP DRAWINGS FOR CLOSURES DURING CONSTRUCTION.
   - OWNER TO ISSUE NOTAMS PRIOR TO EACH CONSTRUCTION PHASE THAT INCLUDES A PARTIAL APRON OR TAXIWAY CLOSURE.
2. CLOSING OF AIRCRAFT RESCUE AND FIRE FIGHTING (ARFF)/EMERGENCY VEHICLE ROUTES.
   - REFER TO CSPP DRAWINGS FOR ARFF/EMERGENCY VEHICLE ROUTE(S) DURING CONSTRUCTION. THE ARFF/EMERGENCY VEHICLE ROUTE SHALL NOT BE OBSTRUCTED BY ANY CONTRACTOR EQUIPMENT, OPEN HOLES, ETC. WHICH WOULD HINDER THE ARFF/EMERGENCY VEHICLES FROM UTILIZING THE DESIGNATED ACCESS ROUTE. THE ACCESS ROUTE, THROUGH ANY CONTRACTOR WORK AREAS, SHALL BE SWEPT AND KEPT CLEAN BY THE CONTRACTOR AT ALL TIMES TO PREVENT FOD FROM BEING TRACKED ONTO ACTIVE AIRFIELD PAVEMENTS BY ARFF/EMERGENCY VEHICLES.
   - CONTRACTORS SHALL ALWAYS YIELD TO ANY ARFF/EMERGENCY VEHICLES UTILIZING THE ACCESS ROUTE.
3. CLOSING OF ACCESS ROUTES USED BY AIRPORT SUPPORT VEHICLES.
   - AS DIRECTED BY THE OWNER, THE CONTRACTOR SHALL MAINTAIN ADEQUATE ACCESS ROUTES FOR AIRPORT FUEL TRUCK DELIVERIES AND AIRLINE GSE (GENERAL SERVICE EQUIPMENT) AS REQUIRED.
   - CONTRACTOR SHALL ALWAYS YIELD TO ANY FUEL TRUCKS AND GSE UTILIZING THE ACCESS ROUTE.
4. INTERRUPTION OF UTILITIES, INCLUDING WATER SUPPLIES FOR FIRE FIGHTING.
   - THE CONTRACTOR IS REQUIRED TO PROVIDE THE OWNER'S REPRESENTATIVE A MINIMUM OF 72 HOURS NOTICE PRIOR TO ANY UTILITY INTERRUPTIONS. SHOULD THERE BE AN ACCIDENTAL INTERUPTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE AND TAKE EFFORTS TO IMMEDIATELY RESTORE THE UTILITY SERVICE.
5. APPROACH/DEPARTURE SURFACES AFFECTED BY HEIGHTS OF OBJECTS.
   - THE CONTRACTOR SHALL LIMIT THEIR ACTIVITIES TO CLOSED PAVEMENTS FOR CONSTRUCTION, AND SHALL ONLY PARK EQUIPMENT AND STOCKPILE SUPPLIES IN THE STAGING AREA LOCATIONS DESIGNATED ON THE PLANS. APPROACH/DEPARTURE SURFACES WILL NOT BE AFFECTED DURING THE CONSTRUCTION OF THIS PROJECT.
6. CONSTRUCTION AREAS.
   - REFER TO CSPP DRAWINGS FOR ALLOWED CONSTRUCTION AREAS.
7. PROHIBITED CONSTRUCTION ACTIVITY
   - NO CONSTRUCTION ACTIVITY IS ALLOWED WITHIN ANY ACTIVE AIRPORT OPERATION AREA (AOA), WHETHER THAT BE WITHIN ANY APRON MOVEMENT AREA, A RUNWAY SAFETY AREA (RSA) OR A TAXIWAY SAFETY AREA (TSA).

B. **MITIGATION OF EFFECTS**
1. TEMPORARY CHANGES TO RUNWAY, TAXIWAY AND APRON OPERATIONS:
   - APRON, RUNWAY, AND TAXIWAY OPERATIONS WILL BE AFFECTED DURING CONSTRUCTION OF THIS PROJECT. REFER TO CSPP PHASING DRAWINGS FOR USABLE APRON AND TAXIWAYS DURING CONSTRUCTION. ANY REQUIRED SPECIAL TAXIING ROUTES ARE DESIGNATED ON THE INDIVIDUAL PHASING PLANS.
2. DETOURS FOR ARFF/EMERGENCY VEHICLES AND OTHER AIRPORT VEHICLES
   - REFER TO CSPP DRAWINGS FOR ARFF/EMERGENCY VEHICLE DETOUR ROUTES (IF ANY) DURING CONSTRUCTION.
3. MAINTENANCE OF ESSENTIAL UTILITIES
   - NO IMPACT TO ANY ESSENTIAL UTILITIES IS ANTICIPATED.
4. TEMPORARY CHANGES TO AIR TRAFFIC CONTROL PROCEDURES
   - NO TEMPORARY AIR TRAFFIC CONTROL (ATC) PROCEDURES ARE REQUIRED.

4. PROTECTION OF NAVIGATION AIDS (NAVAIDS) (AC 150/5370-2G, SECTION 2.8)

NO IMPACTS TO VISUAL OR INSTRUMENT NAVAIDS ARE ANTICIPATED WITH THIS PROJECT.

5. CONTRACTOR ACCESS (AC 150/5370-2G, SECTION 2.9)

A. **LOCATION OF STOCKPILED CONSTRUCTION MATERIALS**
   - REFER TO CSPP DRAWINGS FOR STOCKPILE LOCATIONS. NO OTHER STOCKPILE LOCATIONS ARE ALLOWED UNLESS OTHERWISE APPROVED BY THE OWNER. NO STOCKPILES SHALL BE PLACED INSIDE RSAS, OFAS, OR OFZS UNLESS OTHERWISE APPROVED BY THE OWNER AND FAA. STOCKPILES LOCATED IN AN ACTIVE ROFA MUST BE APPROVED BY THE FAA.
   - THE CONTRACTOR SHALL LIMIT THEIR STOCKPILE HEIGHTS TO 25 FEET.
   - REFER TO SECTION 16 OF THIS CSPP FOR STOCKPILE LIGHTING REQUIREMENTS.

B. **VEHICLE AND PEDESTRIAN OPERATIONS**
1. CONSTRUCTION SITE PARKING
   - REFER TO CSPP DRAWINGS FOR CONSTRUCTION SITE PARKING (STAGING AREA). NO PERSONAL OCCUPANCY VEHICLES (POV'S) SHALL BE ALLOWED INSIDE THE PERIMETER SECURITY FENCE. POV SITE PARKING SHALL BE LIMITED TO AVAILABLE PUBLIC USE PARKING.
   - IF PARKING CAPACITY BECOMES AND ISSUE IN PUBLIC PARKING LOT, CONTRACTOR MUST UTILIZE LANDSIDE STAGING AREA FOR ALL POV'S.
2. CONSTRUCTION EQUIPMENT PARKING
   - CONTRACTORS MUST PARK AND SERVICE ALL CONSTRUCTION VEHICLES IN THE DESIGNATED STAGING AREA. INACTIVE EQUIPMENT MUST NOT BE PARKED IN AIRPORT PARKING LOTS. ALL EQUIPMENT SHALL BE RETURNED TO STAGING AREAS WHEN NOT BEING USED (ESPECIALLY AT NIGHT), UNLESS OTHERWISE APPROVED BY THE OWNER.
   - ANY CONTRACTOR EQUIPMENT ALLOWED BY THE OWNER TO BE PARKED IN THE CURRENT CONTRACTOR WORK AREA SHALL BE PARKED AS FAR AWAY AS POSSIBLE FROM ANY ACTIVE AOA PAVEMENTS.
   - ALL VEHICLES/EQUIPMENT PARKING ADJACENT TO AIRFIELD PERIMETER FENCING SHALL BE PARKED A MINIMUM OF 10 FEET AWAY FROM THE FENCE.
3. ACCESS AND HAUL ROUTES
   - ACCESS POINTS
     - GATE(S): THE CONTRACTOR SHALL USE EXISTING AIRFIELD GATES FOR ACCESS. GATES SHALL BE LOCKED WHEN NOT IN USE. OWNER TO FACILITATE CONTRACTOR ACCESS AND PROVIDE GATE KEYS AS REQUIRED.
     - ACCESS TO THE STORAGE, STOCKPILING AND CONSTRUCTION SITES BY THE CONTRACTOR SHALL BE AS SHOWN ON THE PLANS UNLESS OTHERWISE AUTHORIZED BY THE OWNER IN WRITING.
   - HAUL ROUTES
     - REFER TO CSPP DRAWINGS FOR HAUL ROUTE LOCATIONS. THE CONTRACTORS/SUBCONTRACTORS/DELIVERY VEHICLES SHALL USE ONLY THE HAUL ROUTES SHOWN ON THE PLANS, UNLESS THE OWNER HAS GRANTED PRIOR APPROVAL FOR AN ALTERNATE ROUTE IN WRITING.
     - THE CONTRACTOR SHALL MARK HAUL ROUTES TO BE USED WITH SIGNS OR CONES AS REQUIRED BY THE OWNER. THE MARKING IS SUBJECT TO OWNER/ENGINEER'S REVIEW AND THE OWNER'S APPROVAL.
     - THE CONTRACTOR SHALL PROVIDE ADEQUATE SIGNAGE TO WARN TRAFFIC OF TURNING TRUCKS, DETOURS AND OTHER SIGNAGE REQUIRED FOR THE PROJECT. THE CONTRACTOR SHALL COORDINATE ALL SIGNAGE PLACEMENT AND CHANGES WITH THE OWNER AND ENGINEER AT LEAST 72 HOURS PRIOR TO IMPLEMENTING ANY CHANGES.
     - THE CONTRACTOR SHALL WET (OR CLEAN) HAUL ROUTES AND CONSTRUCTION TRAFFIC AREAS AS REQUIRED TO PREVENT EXCESSIVE DUST.
     - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE OFF-SITE HAUL ROUTES (STATE HIGHWAYS, COUNTY ROADS OR CITY STREETS) WITH THE APPROPRIATE OWNER WHO HAS JURISDICTION OVER THE AFFECTED ROUTE.
4. MARKING AND LIGHTING OF VEHICLES
   - ALL VEHICLES OR EQUIPMENT BELONGING TO THE CONTRACTOR, SUBCONTRACTORS, AND SUPPLIERS, WHICH GO WITHIN AIRSIDE OPERATIONS AREA (AOA) FOR ANY REASON SHALL DISPLAY AN APPROVED AMBER FLASHING BEACON OR STROBE UNLESS SPECIFICALLY EXEMPTED FROM THIS REQUIREMENT BY THE OWNER. ALL BEACONS AND STROBES SHALL BE VISIBLE FROM 360 DEGREES AND OF SUCH BRILLIANCE THAT THEY ARE READILY VISIBLE UNDER NORMAL DAYLIGHT CONDITIONS. IN LIEU OF AN OPERABLE BEACON OR STROBE, AN ORANGE AND WHITE-CHECKERED FLAG, AT LEAST THREE (3) FEET BY THREE (3) FEET IN SIZE, MAY BE DISPLAYED ON AN APPROPRIATE STAFF ATTACHED TO THE VEHICLE AND EQUIPMENT AS TO BE READILY VISIBLE. THIS OPTION IS APPROVED FOR DAYLIGHT/VFR OPERATIONS ONLY AND SUBJECT TO THE DISCRETION OF THE OWNER. VEHICLES AND EQUIPMENT NOT IN COMPLIANCE WITH THE LIGHTING OR FLAGGING REQUIREMENTS OF THIS PARAGRAPH SHALL NOT ACCESS PROPERTY WITHIN THE AOA UNLESS ESCORTED BY AN OWNER APPROVED ESCORT VEHICLE. ALL VEHICLES AND EQUIPMENT SHALL PROMINENTLY DISPLAY THE APPROPRIATE COMPANY/ORGANIZATIONAL NAME/LOGO IN A MANNER APPROVED BY THE OWNER.
   - MARKING AND LIGHTING OF VEHICLES SHALL COMPLY WITH AC 150/5210-5, PAINTING, MARKING AND LIGHTING OF VEHICLES USED ON AN AIRPORT.
5. DESCRIPTION OF PROPER VEHICLE OPERATIONS: ALL CONSTRUCTION EQUIPMENT AND VEHICLES SHALL YIELD TO AIRCRAFT AT ALL TIMES. DURING AN EMERGENCY SITUATION, ALL CONSTRUCTION EQUIPMENT AND VEHICLES SHALL BE MOVED TO ALLOW FOR ARFF AND OTHER EMERGENCY RESPONDER VEHICLES TO ACCESS THE SITE.
6. REQUIRED ESCORTS: AS NEEDED IN THE AOA, THE CONTRACTOR SHALL USE OWNER-TRAINED, CONTRACTOR FURNISHED ESCORTS.
7. AIRPORT TRAINING & I.D. BADGE REQUIREMENTS: OFFICIAL AIRPORT TRAINING AND I.D. BADGES ARE NOT REQUIRED. A SAFETY ORIENTATION MEETING WILL BE CONDUCTED FOR ALL NEW PROJECT SITE PERSONNEL, INCLUDING AOA DRIVING SAFETY, AS REQUIRED BY THE OWNER.
8. SITUATIONAL AWARENESS: ALL VEHICLE DRIVERS MUST CONFIRM BY PERSONAL OBSERVATIONS THAT NO AIRCRAFT IS APPROACHING THEIR POSITION (ON THE GROUND) WHEN GIVEN CLEARANCE TO ACCESS THE APRON OPEN TO AIRPORT OPERATIONS.
9. TWO-WAY RADIO COMMUNICATIONS: THE CONTRACTOR WILL NOT BE REQUIRED TO MONITOR AN AIRPORT RADIO.
10. AIRPORT SECURITY
    - CONTRACTOR MUST MAINTAIN SECURITY DURING CONSTRUCTION WHEN ACCESSING ACTIVE APRON AREAS.
    - DURING CONSTRUCTION OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURITY OF HIS/HER EQUIPMENT, SUPPLIES, ETC. AT ALL TIMES.
    - CONTRACTOR SHALL REPORT SUSPICIOUS PERSONS TO AIRPORT STAFF.

6. WILDLIFE MANAGEMENT (AC 150/5370-2G, SECTION 2.10)

A. **TRASH:** ALL TRASH AND DEBRIS SHALL BE KEPT PICKED UP AT ALL TIMES TO PREVENT TRASH FROM BLOWING ACROSS THE AIRPORT, ADJACENT PROPERTY, OR ACTIVE AIRCRAFT PAVEMENTS. ALL TRASH SHALL BE PLACED IN APPROPRIATE CONTRACTOR FURNISHED RECEPTACLES WITH APPROPRIATE COVERS TO KEEP TRASH FROM BLOWING OUT OF THE RECEPTACLES.

B. **STANDING WATER:** NO STANDING WATER, CAUSED BY CONTRACTOR CONSTRUCTION OPERATIONS, SHALL BE ALLOWED ON THE AIRPORT PROPERTY. ALL SOIL OR PAVEMENT VOIDS CREATED BY THE CONTRACTOR SHALL PROMPTLY BE PUMPED OF ALL WATER FOLLOWING RAIN EVENTS OR CONSTRUCTION OPERATIONS THAT GENERATE STANDING WATER.

C. **TALL GRASS AND SEEDS**
- AS REQUIRED, CONTRACTORS SHALL MOVE EQUIPMENT AND VEHICLES TO ALLOW THE OWNER TO MOW AIRPORT GRASSED AREAS TO PREVENT EXCESSIVELY TALL GRASS.
- THE CONTRACTOR SHALL STORE ALL GRASS SEED IN ENCLOSED CONTAINERS.
- THE CONTRACTOR SHALL DRILL SEED (WHEN REQUIRED OR FEASIBLE), IN LIEU OF BROADCASTING SEED, TO HELP ELIMINATE POTENTIAL WILDLIFE ATTRACTANTS.

D. **POORLY MAINTAINED FENCING AND GATES**
- CONTRACTORS SHALL CLOSE ALL GATES WHEN NOT IN USE TO PREVENT WILDLIFE FROM ENTERING THE AIRPORT.
- AS REQUIRED, THE CONTRACTOR SHALL MAINTAIN TEMPORARY AND/OR PERMANENT PERIMETER FENCING TO PREVENT WILDLIFE FROM ENTERING THE AIRPORT.

E. **DISRUPTION OF EXISTING WILDLIFE HABITAT: T**HE CONTRACTOR SHALL NOTIFY THE OWNER OF ANY NOTABLE OR HAZARDOUS WILDLIFE SIGHTINGS.

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 043370 ALEXANDER K. MOONEY 04/16/2025

NOT FOR CONSTRUCTION

NO.	REVISIONS	DATE
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PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

CONSTRUCTION SAFETY & PHASING PLAN (CSPP) - NOTES - SHEET 1

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 17/96 DRAWING NO. CSPP-4

7. FOREIGN OBJECT DEBRIS (FOD) MANAGEMENT (AC 150/5370-2G, SECTION 2.11)

THE CONTRACTOR SHALL TAKE PRECAUTIONS TO KEEP FOREIGN OBJECT DEBRIS (FOD) OFF ALL OPEN RUNWAYS, TAXIWAYS, AND APRONS. THE CONTRACTOR SHALL REMOVE ANY DEBRIS THAT MAY BE DEPOSITED ON OPEN PAVEMENT SO THAT IT WILL NOT DAMAGE AIRCRAFT UTILIZING THE PAVEMENT. FOD INCLUDES BUT IS NOT LIMITED TO MUD, TRASH, CONSTRUCTION DEBRIS, ETC. THE CONTRACTOR SHALL KEEP ALL ARFF/EMERGENCY RESPONSE, GSE, AND FUEL TRUCK ACCESS ROUTES ACROSS THE CONTRACTOR WORK AREAS CLEAN TO PREVENT THE VEHICLES FROM TRACKING FOD ONTO ACTIVE APRON PAVEMENTS.

AS REQUIRED BY PLAN DRAWING GENERAL NOTES, THE CONTRACTOR SHALL HAVE SUFFICIENT PAVEMENT CLEANING EQUIPMENT TO EFFECTIVELY CLEAN PAVEMENTS IN A TIMELY MANNER.

PRIOR TO RE-OPENING CLOSED AIRFIELD PAVEMENTS, THE OWNER AND ENGINEER WILL CONDUCT A FINAL FOD INSPECTION. THE CONTRACTOR SHALL CLEAN FOD TO THE SATISFACTION OF THE OWNER. THE OWNER'S DETERMINATION SHALL BE FINAL.

8. HAZARDOUS MATERIALS (HAZMAT) MANAGEMENT (AC 150/5370-2G, SECTION 2.12)

A. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PREVENT HAZARDOUS WASTE AT THE CONSTRUCTION SITE INCLUDING FUEL, OIL, HYDRAULIC FLUID OR CHEMICAL SPILLS. IN THE CASE OF SPILLS THE CONTRACTOR SHALL CLEAN ALL CONTAMINATION IN ACCORDANCE WITH LOCAL/STATE/FEDERAL REGULATIONS. ALL FUELING/RE-FUELING OPERATIONS SHALL BE CONFINED TO THE STAGING AREA.

B. FUEL, DIESEL FUEL OR OTHER CONTAMINATES SHALL NOT BE ALLOWED TO ENTER THE STORM SEWER SYSTEM. IF, IN THE EVENT SUCH CONTAMINATES DO ENTER THE STORM SEWER SYSTEM, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER/ENGINEER OF THE SPILL. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS INCURRED FOR REHABILITATION OF THE STORM SEWER, MONITORING EQUIPMENT, AND RELATED FACILITIES.

9. NOTIFICATION OF CONSTRUCTION ACTIVITIES (AC 150/5370-2G, SECTION 2.13)

A. **MAINTENANCE OF LIST OF RESPONSIBLE REPRESENTATIVES/POINTS OF CONTACT**
- **AIRPORT MANAGER:** TROY ANDERSON | 706-616-1553 | tanderson@troupco.org
- **AIRPORT MAINTENANCE/OPERATIONS:** TROY ANDERSON | 706-616-1553 | tanderson@troupco.org
- CONTRACTOR POINT OF CONTACT SHALL BE PROVIDED WITH THE SPCD. CONTRACTOR SHALL PROVIDE IN THE SPCD AN EMERGENCY POINT OF CONTACT THAT CAN BE REACHED 24 HOURS A DAY FOR EMERGENCY MAINTENANCE OF CONSTRUCTION HAZARD LIGHTING AND BARRICADES.

B. **NOTICES TO AIRMEN (NOTAM):** THE CONTRACTOR SHALL NOTIFY THE LAGRANGE CALLAWAY AIRPORT AT LEAST 72 HOURS IN ADVANCE OF ANY APRON, RUNWAY, OR TAXIWAY CLOSURES TO ALLOW AIRPORT TIME TO ISSUE/COORDINATE APPROPRIATE NOTAMS FOR THE SPECIFIC SITUATION. THE APRON, RUNWAY, OR TAXIWAY MAY NOT BE CLOSED UNTIL THE CONTRACTOR HAS BEEN NOTIFIED BY THE OWNER THAT THE PROPER NOTAMS HAVE BEEN ISSUED AND THE PAVEMENT IS CLEARED TO BE CLOSED. THE CONTRACTOR SHALL PROVIDE AT LEAST 72 HOURS ADVANCE NOTICE OF ANY APRON, RUNWAY, OR TAXIWAY OPENING.

C. **EMERGENCY NOTIFICATION PROCEDURES**
- THE CONTRACTOR SHALL CONTACT MR. TROY ANDERSON IMMEDIATELY IN CASE OF ANY INTERRUPTION IN AIRPORT UTILITIES OR FACILITIES. THE AIRPORT SHALL TAKE THE NECESSARY ACTION TO CLOSE AIRFIELD PAVEMENTS, INFORM ARFF/EMERGENCY RESPONSE PERSONNEL OF INTERRUPTIONS, AND/OR ISSUE NOTAMS IF INTERRUPTIONS AFFECT AIRCRAFT/AIRPORT OPERATIONS. REFER TO SECTION 9.A FOR CONTACT INFORMATION.
- IN CASE OF EMERGENCY, THE CONTRACTOR SHALL TAKE APPROPRIATE ACTIONS TO CONTACT FIRE, MEDICAL OR POLICE RESPONSE. THE EMERGENCY NOTIFICATION NUMBER IS 911.

D. **COORDINATION WITH ARFF/EMERGENCY RESPONSE PERSONNEL**
- THE OWNER WILL COORDINATE ALL AIRFIELD CLOSURES (AS NECESSARY) WITH AIRCRAFT RESCUE & FIRE FIGHTING (ARFF)/EMERGENCY RESPONSE PERSONNEL.
- THE CONTRACTOR SHALL AT ALL TIMES GIVE RIGHT-OF-WAY TO AIRCRAFT RESCUE AND FIRE FIGHTING (ARFF)/EMERGENCY RESPONSE VEHICLES.

E. **NOTIFICATION TO THE FAA:** THE OWNER WILL SUBMIT FAA FORM 7460-1, NOTIFICATION OF PROPOSED CONSTRUCTION ALTERATION, FOR ANY EQUIPMENT OVER 25' TALL.

10. INSPECTION REQUIREMENTS (AC 150/5370-2G, SECTION 2.14)

A. **DAILY (OR MORE FREQUENT) INSPECTIONS**
- THE CONTRACTOR SHALL COMPLETE DAILY INSPECTIONS TO ENSURE CONFORMANCE TO THE CSPP AND SPCD. ANY DEFICIENCIES FOUND WHETHER CAUSED BY NEGLIGENCE, OVERSIGHT, OR PROJECT SCOPE CHANGE SHALL BE IMMEDIATELY REMEDIED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY MEASURES & PROGRAMS IN CONNECTION WITH THE WORK.
- THE CONTRACTORS/SUBCONTRACTORS ARE ENCOURAGED TO HOLD PERIODIC MEETINGS IN ADDITION TO THE OWNER'S BI-WEEKLY MEETINGS, PRIOR TO STARTING WORK AND PRIOR TO A NEW CONSTRUCTION OPERATION TO BRIEF EMPLOYEES & WORKERS ON PROJECT SAFETY REQUIREMENTS.

B. **INTERIM INSPECTIONS**
- PRIOR TO RE-OPENING ANY APRON OR TAXIWAY AREAS, THE AREAS SHALL BE INSPECTED BY THE OWNER/ENGINEER TO ENSURE, AS APPLICABLE, PROPER OPERATION OF LIGHTS AND SIGNS, CORRECT MARKINGS, AND ABSENCE OF FOD. ALL DEFICIENCIES FOUND SHALL BE REMEDIED BY THE CONTRACTOR TO THE APPROVAL OF THE OWNER PRIOR TO OPENING THE AREA TO AIRCRAFT TRAFFIC. THE CONTRACTOR SHOULD RETAIN SUITABLE WORKFORCE AND EQUIPMENT ON-SITE TO COMPLETE ANY LAST-MINUTE CLEANUP OR CORRECTIONS REQUIRED BY THE OWNER.
- REFER TO SECTION 7 "FOREIGN OBJECT DEBRIS MANAGEMENT".

C. **FINAL INSPECTIONS:** AFTER SUBSTANTIAL COMPLETION OF ALL PHASES OF THE WORK, OR PRIOR TO A TEMPORARY SHUTDOWN, THE OWNER/ENGINEER SHALL COMPLETE A FINAL INSPECTION COVERING ALL AREAS AFFECTED BY OR OPERATED WITHIN DURING THE WORK.

11. UNDERGROUND UTILITIES (AC 150-5370-2G, SECTION 2.15)

A. EXISTING UNDERGROUND AND OVERHEAD UTILITIES AND DRAINAGE STRUCTURES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS THE RESPONSIBILITY OF INDIVIDUAL CONTRACTORS TO EXACTLY LOCATE AND PROTECT EACH EXISTING UTILITY BEFORE AND DURING ACTUAL CONSTRUCTION. PRIOR TO BEGINNING ANY WORK, THE CONTRACTOR SHALL HAVE CONTACTED GEORGIA'S 811 AND COMPLETED PRIVATE UTILITY LOCATES FOR MARKING AND CLEARING OF ELECTRIC, TELEPHONE, GAS, WATER, SEWER, COMMUNICATIONS, LIGHTING LINES, FUEL TANKS AND OTHER CABLES/UTILITIES WITHIN THE CONSTRUCTION SITE, STAGING AREA, AND HAUL ROUTE LOCATIONS.

12. PENALTIES (AC 150/5730-2G, SECTION 2.16)

AT THE DISCRETION OF THE OWNER, FAILURE OF PERSONNEL TO COMPLY WITH ANY OR ALL SAFETY REQUIREMENTS MAY RESULT IN REMOVAL FROM THE PROJECT, REMOVAL FROM AIRPORT PROPERTY OR SUSPENSION/TERMINATION OF WORK, OTHER PENALTIES OR FINES.

13. SPECIAL CONDITIONS (AC 150/5370-2G, SECTION 2.17)

NO OTHER SPECIAL CONDITIONS ARE REQUIRED FOR THIS PROJECT.

14. RUNWAY AND TAXIWAY VISUAL AIDS (AC 150/5370-2G, SECTION 2.18)

A. **GENERAL**
- ALL AIRPORT MARKING, LIGHTING, SIGNS AND VISUAL NAVAIDS MUST BE CLEARLY VISIBLE, NOT MISLEADING, CONFUSING OR DECEPTIVE TO PILOTS AND MUST BE ADEQUATELY SECURED TO PREVENT UNINTENDED RELOCATION. CONTRACTORS SHALL CLEAN ALL SAFETY MEASURES AS REQUIRED TO ENSURE THE SAFETY MEASURES ARE FULLY VISIBLE (ESPECIALLY REFLECTIVE MARKINGS) AT ALL TIMES.
- AS REQUIRED BY THE CSPP DRAWINGS AND AS DIRECTED BY THE OWNER, THE CONTRACTOR SHALL FURNISH (UNLESS OTHERWISE SPECIFIED TO BE OWNER-FURNISHED)/INSTALL/MAINTAIN/REMOVE ALL TEMPORARY PROJECT SAFETY MEASURES. THE CONTRACTOR SHALL BE RESPONSIBLE TO ADEQUATELY SECURE AND MAINTAIN ALL SAFETY MEASURES ASSOCIATED WITH THE PROJECT WORK. THIS INCLUDES, BUT IS NOT LIMITED TO, FILLING/RE-FILLING WATER FILLED BARRICADES WITH SUFFICIENT WATER TO ADEQUATELY WEIGH DOWN BARRICADES; CLEANING OFF BARRICADES/SIGNAGE TO ENSURE ALL ELEMENTS ARE READILY VISIBLE, REPLACING/FIXING DEFECTIVE BARRICADES SO THAT THEY ARE FULLY OPERATIONAL; TOUCHING UP AIRFIELD MARKINGS DAMAGED OR FADED BY CONTRACTOR CONSTRUCTION OPERATIONS; ERECTING AND REMOVING SIGNAGE TO DIRECT TRAFFIC AROUND CONSTRUCTION ACTIVITIES.

B. **MARKINGS:** ALL PERMANENT AND TEMPORARY MARKING MUST BE IN COMPLIANCE WITH THE STANDARDS OF *AC 150/5340-1 (CURRENT EDITION) STANDARDS FOR AIRPORT MARKINGS AND PROJECT SPECIFICATIONS*. ITEMS USED TO SECURE NON-PAINT MARKINGS (FABRIC, PLASTIC, PLYWOOD) SHALL BE OF A SIMILAR COLOR TO THE MARKING.

C. **LIGHTING AND VISUAL NAVAIDS**
- ALL AIRFIELD LIGHTING ADJUSTMENTS MUST BE COORDINATED WITH AND APPROVED BY THE OWNER PRIOR TO DEACTIVATION OR REACTIVATION.
- AIRFIELD LIGHTING MUST CONFORM WITH *AC 150/5340-30 (CURRENT EDITION) DESIGN AND INSTALLATION DETAILS FOR AIRPORT VISUAL AIDS* AND *AC 150/5345-53 (CURRENT EDITION) AIRPORT LIGHTING CERTIFICATION PROGRAM*. REFER TO *AC 150/5340-26 (CURRENT EDITION) MAINTENANCE OF AIRPORT VISUAL AID FACILITIES* FOR DISCONNECT PROCEDURES AND SAFETY PRECAUTIONS.

D. **SIGNS:** THE CONTRACTOR SHALL INSTALL TEMPORARY SIGNAGE AS REQUIRED ON THE CSPP DRAWINGS. LANDSIDE (ROADWAY TYPE) SIGNAGE SHALL ADHERE TO ALL MUTCD REQUIREMENTS.

15. MARKING AND SIGNS FOR ACCESS ROUTES (AC 150/5370-2G, SECTION 2.19)

A. PAVEMENT MARKING AND SIGNS FOR CONSTRUCTION PERSONNEL WILL CONFORM TO *AC 150/5340-18 (CURRENT EDITION) STANDARDS FOR AIRPORT SIGN SYSTEMS* AND WITH THE APPLICABLE SECTIONS OF THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

B. REFER TO SECTION 5.B.3 FOR MORE INFORMATION ON ACCESS ROUTES/HAUL ROUTES.

16. HAZARD MARKING AND LIGHTING (AC 150/5370-2G, SECTION 2.20)

A. **PURPOSE**
- HAZARD MARKING AND LIGHTING SHALL BE USED TO PREVENT PILOTS FROM ENTERING AREAS CLOSED TO AIRCRAFT AND PREVENT CONSTRUCTION PERSONAL FROM ENTERING AREAS OPEN TO AIRCRAFT.
- REFER TO CSPP DRAWINGS FOR HAZARD MARKING AND LIGHTING REQUIRED ON PROJECT.
- AS REQUIRED BY SECTION 9.A, THE CONTRACTOR SHALL PROVIDE A POINT OF CONTACT WITH THE SPCD THAT CAN BE REACHED 24 HOURS A DAY FOR EMERGENCY MAINTENANCE OF CONSTRUCTION HAZARD LIGHTING AND BARRICADES.
- REFER TO SECTION 14.A FOR MAINTENANCE OF HAZARD MARKING AND LIGHTING.

B. **EQUIPMENT**

1. BARRICADES
- BARRICADES ON OR NEAR AIRFIELD PAVEMENT SHALL MEET THE REQUIREMENTS SHOWN ON THE CSPP DRAWINGS.
- REFER TO CSPP DRAWINGS FOR BARRICADE PLACEMENT LOCATIONS.
- BARRICADES SHALL BE PLACED END TO END WITH NO GAPS (UNLESS OTHERWISE SPECIFIED).
- BARRICADES (AND ANY ATTACHED RED LIGHTS) SHALL BE NO HIGHER THAN 18" TALL.
- THE CONTRACTOR SHALL SUPPLEMENT AIRPORT LOW PROFILE BARRICADES WITH SIGNAGE AS REQUIRED ON THE CSPP DRAWINGS.

2. LIGHTS
- ALL LIGHTS ON BARRICADES SHALL BE EITHER STEADY BURNING OR FLASHING RED AND MEET THE LUMINANCE REQUIREMENTS OF THE STATE HIGHWAY DEPARTMENT. LIGHTS SHALL BE MOUNTED ON THE BARRICADES AND SPACED AT NO MORE THAN 10' APART. LIGHTS MUST BE OPERATIONAL BETWEEN SUNSET AND SUNRISE AND DURING PERIODS OF LOW VISIBILITY WHENEVER THE AIRPORT IS OPEN FOR OPERATION. OPEN TRENCHES, SMALL AREAS UNDER REPAIR, WASTE AREAS, AND STOCKPILES LOCATED IN SAFETY AREAS SHALL HAVE HAZARD MARKING AND LIGHTING DEVICES.

3. RUNWAY CLOSURE X'S
   RUNWAY CLOSURE X'S ARE REQUIRED AS PART OF THIS PROJECT. CLOSED RUNWAYS SHALL HAVE RUNWAY CLOSURE X'S PLACED ON EACH END PRIOR TO ANY WORK BEING ACCOMPLISHED WITHIN THE RUNWAY SAFETY AREA.

4. OTHER
   HAZARD MARKING AND LIGHTING MUST BE SPECIFIED TO IDENTIFY OPEN AREAS UNDER REPAIR, STOCKPILED MATERIAL, WASTE AREAS, AND AREAS SUBJECT TO JET BLAST WHEN APPLICABLE.

17. WORK ZONE LIGHTING FOR NIGHTTIME CONSTRUCTION (AC 150/5370-2G, 2.21)

NIGHTTIME CONSTRUCTION NOT PERMITTED FOR THIS PROJECT.

18. PROTECTION OF RSA, TSA, ROFA, ROFZ, & APPROACH/DEPARTURE SURFACES (2.22)

IN NO CASE SHALL THE CONTRACTOR PENETRATE ANY ACTIVE RUNWAY, TAXIWAY, OR APRON SAFETY AREA WITHOUT OWNER APPROVAL AND PROPER OWNER-TRAINED ESCORTS.

A. **RUNWAY SAFETY AREA (RSA):** NO CONSTRUCTION MAY OCCUR WITHIN AN EXISTING RSA WHILE THE TAXIWAY IS OPEN FOR AIRCRAFT OPERATIONS. ALL EQUIPMENT NOT IN USE (OVERNIGHT, WEEKENDS,PERIODS WITH NO CONSTRUCTION ACTIVITY, ETC.) MUST BE REMOVED FROM RSA'S. NO STOCKPILING SHALL BE ALLOWED IN RSA'S, UNLESS OTHERWISE APPROVED BY THE OWNER AND FAA. OPEN TRENCHES OR EXCAVATIONS ARE NOT PERMITTED WITHIN THE RSA, SUBJECT TO APPROVED EXCEPTIONS.

B. **RUNWAY OBJECT FREE AREA (ROFA):** NO CONSTRUCTION MAY OCCUR WITHIN AN EXISTING ROFA WHILE THE TAXIWAY IS OPEN FOR AIRCRAFT OPERATIONS. ALL EQUIPMENT NOT IN USE (OVERNIGHT, WEEKENDS,PERIODS WITH NO CONSTRUCTION ACTIVITY, ETC.) MUST BE REMOVED FROM ROFA'S. NO STOCKPILING SHALL BE ALLOWED IN ROFA'S, UNLESS OTHERWISE APPROVED BY THE OWNER AND FAA. OPEN TRENCHES OR EXCAVATIONS ARE NOT PERMITTED WITHIN THE ROFA'S, SUBJECT TO APPROVED EXCEPTIONS.

C. **TAXIWAY SAFETY AREA (TSA):** NO CONSTRUCTION MAY OCCUR WITHIN AN EXISTING TSA WHILE THE TAXIWAY IS OPEN FOR AIRCRAFT OPERATIONS. ALL EQUIPMENT NOT IN USE (OVERNIGHT, WEEKENDS,PERIODS WITH NO CONSTRUCTION ACTIVITY, ETC.) MUST BE REMOVED FROM TSA'S. NO STOCKPILING SHALL BE ALLOWED IN TSA'S, UNLESS OTHERWISE APPROVED BY THE OWNER AND FAA. OPEN TRENCHES OR EXCAVATIONS ARE NOT PERMITTED WITHIN THE TSA, SUBJECT TO APPROVED EXCEPTIONS.

D. **TAXIWAY OBJECT FREE AREA (TOFA):** NO CONSTRUCTION MAY OCCUR WITHIN AN EXISTING TOFA WHILE THE TAXIWAY IS OPEN FOR AIRCRAFT OPERATIONS. ALL EQUIPMENT NOT IN USE (OVERNIGHT, WEEKENDS, PERIODS WITH NO CONSTRUCTION ACTIVITY, ETC.) MUST BE REMOVED FROM TOFA'S. NO STOCKPILING SHALL BE ALLOWED IN TOFA'S, UNLESS OTHERWISE APPROVED BY THE OWNER AND FAA.

E. **OBSTACLE FREE ZONE (OFZ):** WORK WILL BE ACCOMPLISHED WITHIN OBSTACLE FREE ZONES, APPLICABLE DURING RUNWAY CLOSURES.

F. **RUNWAY APPROACH/DEPARTURE SURFACES:** NO WORK TO BE ACCOMPLISHED WITHIN RUNWAY APPROACH/DEPARTURE SURFACES WHILE RUNWAYS ARE ACTIVE.

19. OTHER LIMITATIONS ON CONSTRUCTION (AC 150/5370-2G, SECTION 2.23)

A. **PROHIBITIONS**
- THE USE OF TALL EQUIPMENT (CRANES, TEMPORARY PCC/ACC PLANTS, CONCRETE PUMPS, ETC.) ARE PROHIBITED ON THE AIRPORT, UNLESS A 7460-1 LETT[illegible] COORDINATED BY THE CONTRACTOR FOR SUCH EQUIPMENT AND A DETERMINATION OF "NON-HAZARD" IS RECEIVED FROM THE FAA.
- THE USE OF OPEN FLAME WELDING OR TORCHES ARE PROHIBITED UNLESS FIRE SAFETY PRECAUTIONS ARE PROVIDED AND THE AIRPORT OWNER [illegible] HAS APPROVED THEIR USE IN WRITING.
- THE USE OF ELECTRICAL BLASTING CAPS ON OR WITHIN 1,000 FEET OF THE AIRPORT PROPERTY ARE STRICTLY PROHIBITED.
- THE USE OF FLARE POTS IS PROHIBITED WITHIN THE AOA AT ALL TIMES.

B. **RESTRICTIONS**
- PHASING RESTRICTIONS: ALL PHASING SHALL BE COMPLETED IN THE ORDER SHOWN ON THE CSPP DRAWINGS, UNLESS OTHERWISE APPROVED BY THE OWNER. A PHASE MUST BE COMPLETE PRIOR TO STARTING A NEW PHASE, UNLESS OTHERWISE APPROVED BY THE OWNER. WORK SHALL BE COMPLETED DURING THE HOURS AND NIGHTS/DAYS LISTED ON EACH INDIVIDUAL PHASING PLAN CSPP DRAWINGS.
- HAUL ROUTE & LOCATION OF CONSTRUCTION RESTRICTIONS: THE CONTRACTOR SHALL LIMIT OPERATIONS TO THE WORK AREAS SHOWN ON THE SAFETY/SEQUENCING PLAN(S) AND TO THOSE AREAS WITHIN 50' OF HAUL ROUTES, GRADING AREAS, BORROW AREAS, WASTE AREAS, STAGING AREA(S) AS SHOWN ON THE CSPP DRAWINGS AND DEFINED IN THE SPECIFICATIONS. CONTRACTOR'S VEHICLES (I.E. PCC TRUCKS, LOW BOY SEMIS) SHALL COMPLY WITH ALL LEGAL LOCAL DOT VEHICLE LOAD LIMITS/REGULATIONS WHILE OPERATING ON OR AROUND AIRPORT PROPERTY.
- NIGHT WORK: NO NIGHT WORK REQUIRED TO BE COMPLETED AS PART OF THIS PROJECT.
- GRADING OR STOCKPILING NEAR NAVAIDS: GRADING OR STOCKPILING WITHIN PROXIMITY OF ACTIVE NAVAIDS SHALL NOT BE ALLOWED FOR THIS PROJECT.

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY

NOT FOR CONSTRUCTION

NO.	REVISIONS	DATE
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PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

DATE: APRIL 2025

CONSTRUCTION SAFETY & PHASING PLAN (CSPP) - NOTES - SHEET 2

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 18/96 DRAWING NO. CSPP-5

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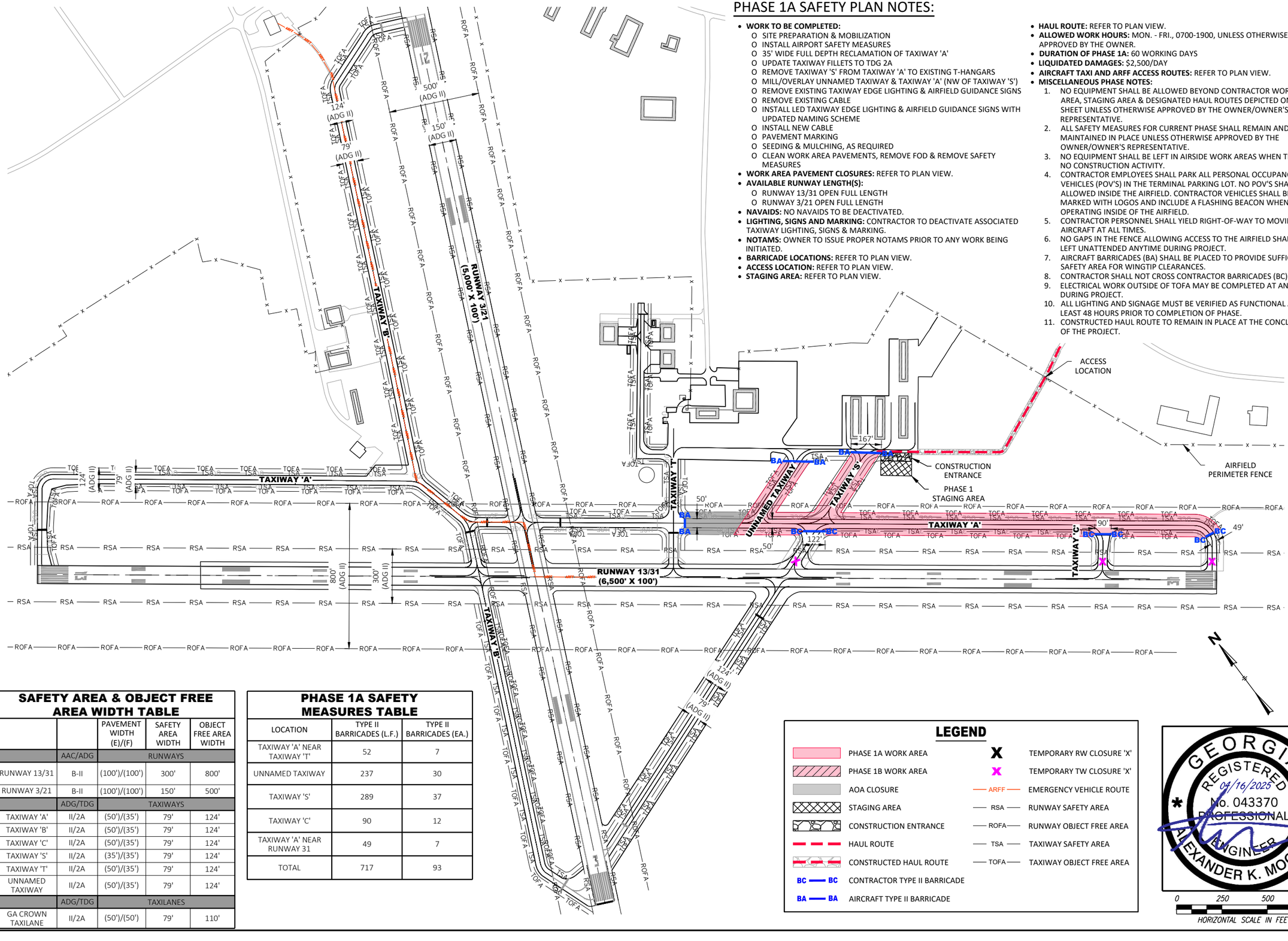
NOT FOR CONSTRUCTION



PHASE 1A SAFETY PLAN NOTES:

- **WORK TO BE COMPLETED:**
  - O SITE PREPARATION & MOBILIZATION
  - O INSTALL AIRPORT SAFETY MEASURES
  - O 35' WIDE FULL DEPTH RECLAMATION OF TAXIWAY 'A'
  - O UPDATE TAXIWAY FILLETS TO TDG 2A
  - O REMOVE TAXIWAY 'S' FROM TAXIWAY 'A' TO EXISTING T-HANGARS
  - O MILL/OVERLAY UNNAMED TAXIWAY & TAXIWAY 'A' (NW OF TAXIWAY 'S')
  - O REMOVE EXISTING TAXIWAY EDGE LIGHTING & AIRFIELD GUIDANCE SIGNS
  - O REMOVE EXISTING CABLE
  - O INSTALL LED TAXIWAY EDGE LIGHTING & AIRFIELD GUIDANCE SIGNS WITH UPDATED NAMING SCHEME
  - O INSTALL NEW CABLE
  - O PAVEMENT MARKING
  - O SEEDING & MULCHING, AS REQUIRED
  - O CLEAN WORK AREA PAVEMENTS, REMOVE FOD & REMOVE SAFETY MEASURES
- **WORK AREA PAVEMENT CLOSURES:** REFER TO PLAN VIEW.
- **AVAILABLE RUNWAY LENGTH(S):**
  - O RUNWAY 13/31 OPEN FULL LENGTH
  - O RUNWAY 3/21 OPEN FULL LENGTH
- **NAVAIDS:** NO NAVAIDS TO BE DEACTIVATED.
- **LIGHTING, SIGNS AND MARKING:** CONTRACTOR TO DEACTIVATE ASSOCIATED TAXIWAY LIGHTING, SIGNS & MARKING.
- **NOTAMS:** OWNER TO ISSUE PROPER NOTAMS PRIOR TO ANY WORK BEING INITIATED.
- **BARRICADE LOCATIONS:** REFER TO PLAN VIEW.
- **ACCESS LOCATION:** REFER TO PLAN VIEW.
- **STAGING AREA:** REFER TO PLAN VIEW.
- **HAUL ROUTE:** REFER TO PLAN VIEW.
- **ALLOWED WORK HOURS:** MON. - FRI., 0700-1900, UNLESS OTHERWISE APPROVED BY THE OWNER.
- **DURATION OF PHASE 1A:** 60 WORKING DAYS
- **LIQUIDATED DAMAGES:** $2,500/DAY
- **AIRCRAFT TAXI AND ARFF ACCESS ROUTES:** REFER TO PLAN VIEW.
- **MISCELLANEOUS PHASE NOTES:**
  1. NO EQUIPMENT SHALL BE ALLOWED BEYOND CONTRACTOR WORK AREA, STAGING AREA & DESIGNATED HAUL ROUTES DEPICTED ON THIS SHEET UNLESS OTHERWISE APPROVED BY THE OWNER/OWNER'S REPRESENTATIVE.
  2. ALL SAFETY MEASURES FOR CURRENT PHASE SHALL REMAIN AND BE MAINTAINED IN PLACE UNLESS OTHERWISE APPROVED BY THE OWNER/OWNER'S REPRESENTATIVE.
  3. NO EQUIPMENT SHALL BE LEFT IN AIRSIDE WORK AREAS WHEN THERE IS NO CONSTRUCTION ACTIVITY.
  4. CONTRACTOR EMPLOYEES SHALL PARK ALL PERSONAL OCCUPANCY VEHICLES (POV'S) IN THE TERMINAL PARKING LOT. NO POV'S SHALL BE ALLOWED INSIDE THE AIRFIELD. CONTRACTOR VEHICLES SHALL BE MARKED WITH LOGOS AND INCLUDE A FLASHING BEACON WHEN OPERATING INSIDE OF THE AIRFIELD.
  5. CONTRACTOR PERSONNEL SHALL YIELD RIGHT-OF-WAY TO MOVING AIRCRAFT AT ALL TIMES.
  6. NO GAPS IN THE FENCE ALLOWING ACCESS TO THE AIRFIELD SHALL BE LEFT UNATTENDED ANYTIME DURING PROJECT.
  7. AIRCRAFT BARRICADES (BA) SHALL BE PLACED TO PROVIDE SUFFICIENT SAFETY AREA FOR WINGTIP CLEARANCES.
  8. CONTRACTOR SHALL NOT CROSS CONTRACTOR BARRICADES (BC).
  9. ELECTRICAL WORK OUTSIDE OF TOFA MAY BE COMPLETED AT ANYTIME DURING PROJECT.
  10. ALL LIGHTING AND SIGNAGE MUST BE VERIFIED AS FUNCTIONAL AT LEAST 48 HOURS PRIOR TO COMPLETION OF PHASE.
  11. CONSTRUCTED HAUL ROUTE TO REMAIN IN PLACE AT THE CONCLUSION OF THE PROJECT.

SAFETY AREA & OBJECT FREE AREA WIDTH TABLE

		PAVEMENT WIDTH (E)/(F)	SAFETY AREA WIDTH	OBJECT FREE AREA WIDTH
	AAC/ADG	RUNWAYS		
RUNWAY 13/31	B-II	(100')/(100')	300'	800'
RUNWAY 3/21	B-II	(100')/(100')	150'	500'
	ADG/TDG	TAXIWAYS		
TAXIWAY 'A'	II/2A	(50')/(35')	79'	124'
TAXIWAY 'B'	II/2A	(50')/(35')	79'	124'
TAXIWAY 'C'	II/2A	(50')/(35')	79'	124'
TAXIWAY 'S'	II/2A	(35')/(35')	79'	124'
TAXIWAY 'T'	II/2A	(50')/(35')	79'	124'
UNNAMED TAXIWAY	II/2A	(50')/(35')	79'	124'
	ADG/TDG	TAXILANES		
GA CROWN TAXILANE	II/2A	(50')/(50')	79'	110'

PHASE 1A SAFETY MEASURES TABLE

LOCATION	TYPE II BARRICADES (L.F.)	TYPE II BARRICADES (EA.)
TAXIWAY 'A' NEAR TAXIWAY 'T'	52	7
UNNAMED TAXIWAY	237	30
TAXIWAY 'S'	289	37
TAXIWAY 'C'	90	12
TAXIWAY 'A' NEAR RUNWAY 31	49	7
TOTAL	717	93

LEGEND

- PHASE 1A WORK AREA
- PHASE 1B WORK AREA
- AOA CLOSURE
- STAGING AREA
- CONSTRUCTION ENTRANCE
- HAUL ROUTE
- CONSTRUCTED HAUL ROUTE
- BC — BC CONTRACTOR TYPE II BARRICADE
- BA — BA AIRCRAFT TYPE II BARRICADE
- X TEMPORARY RW CLOSURE 'X'
- X TEMPORARY TW CLOSURE 'X'
- ARFF EMERGENCY VEHICLE ROUTE
- RSA RUNWAY SAFETY AREA
- ROFA RUNWAY OBJECT FREE AREA
- TSA TAXIWAY SAFETY AREA
- TOFA TAXIWAY OBJECT FREE AREA

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONE

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HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
1	95% CDOT SUBMITAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

CONSTRUCTION SAFETY & PHASING PLAN (CSPP) - PHASE 1A

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114

Job No. - 19024029.01

DRAWN BY: D.JL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 19/96 | DRAWING NO. CSPP-6

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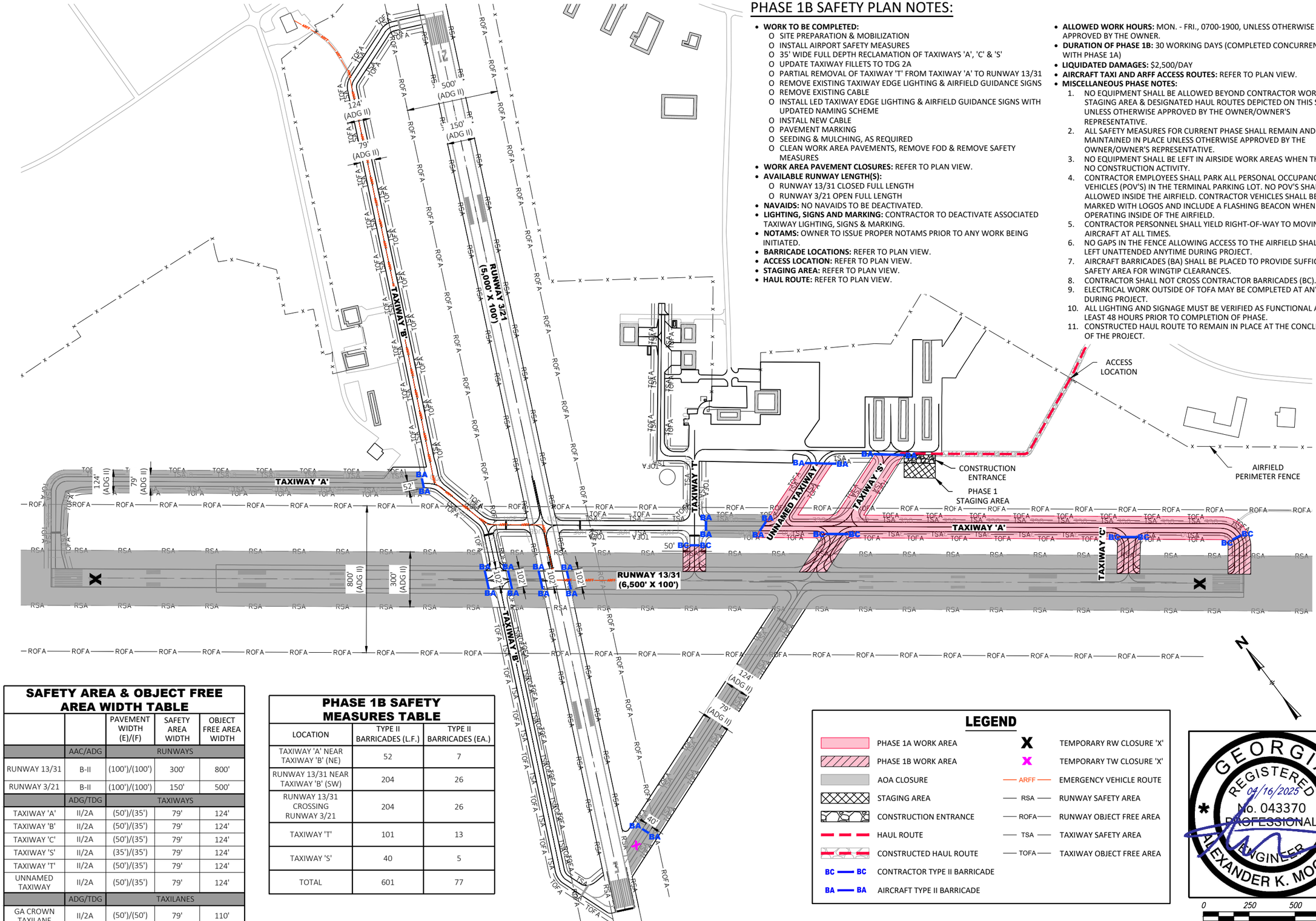
NOT FOR CONSTRUCTION



PHASE 1B SAFETY PLAN NOTES:

- **WORK TO BE COMPLETED:**
  - O SITE PREPARATION & MOBILIZATION
  - O INSTALL AIRPORT SAFETY MEASURES
  - O 35' WIDE FULL DEPTH RECLAMATION OF TAXIWAYS 'A', 'C' & 'S'
  - O UPDATE TAXIWAY FILLETS TO TDG 2A
  - O PARTIAL REMOVAL OF TAXIWAY 'T' FROM TAXIWAY 'A' TO RUNWAY 13/31
  - O REMOVE EXISTING TAXIWAY EDGE LIGHTING & AIRFIELD GUIDANCE SIGNS
  - O REMOVE EXISTING CABLE
  - O INSTALL LED TAXIWAY EDGE LIGHTING & AIRFIELD GUIDANCE SIGNS WITH UPDATED NAMING SCHEME
  - O INSTALL NEW CABLE
  - O PAVEMENT MARKING
  - O SEEDING & MULCHING, AS REQUIRED
  - O CLEAN WORK AREA PAVEMENTS, REMOVE FOD & REMOVE SAFETY MEASURES
- **WORK AREA PAVEMENT CLOSURES:** REFER TO PLAN VIEW.
- **AVAILABLE RUNWAY LENGTH(S):**
  - O RUNWAY 13/31 CLOSED FULL LENGTH
  - O RUNWAY 3/21 OPEN FULL LENGTH
- **NAVAIDS:** NO NAVAIDS TO BE DEACTIVATED.
- **LIGHTING, SIGNS AND MARKING:** CONTRACTOR TO DEACTIVATE ASSOCIATED TAXIWAY LIGHTING, SIGNS & MARKING.
- **NOTAMS:** OWNER TO ISSUE PROPER NOTAMS PRIOR TO ANY WORK BEING INITIATED.
- **BARRICADE LOCATIONS:** REFER TO PLAN VIEW.
- **ACCESS LOCATION:** REFER TO PLAN VIEW.
- **STAGING AREA:** REFER TO PLAN VIEW.
- **HAUL ROUTE:** REFER TO PLAN VIEW.
- **ALLOWED WORK HOURS:** MON. - FRI., 0700-1900, UNLESS OTHERWISE APPROVED BY THE OWNER.
- **DURATION OF PHASE 1B:** 30 WORKING DAYS (COMPLETED CONCURRENTLY WITH PHASE 1A)
- **LIQUIDATED DAMAGES:** $2,500/DAY
- **AIRCRAFT TAXI AND ARFF ACCESS ROUTES:** REFER TO PLAN VIEW.
- **MISCELLANEOUS PHASE NOTES:**
  1. NO EQUIPMENT SHALL BE ALLOWED BEYOND CONTRACTOR WORK AREA, STAGING AREA & DESIGNATED HAUL ROUTES DEPICTED ON THIS SHEET UNLESS OTHERWISE APPROVED BY THE OWNER/OWNER'S REPRESENTATIVE.
  2. ALL SAFETY MEASURES FOR CURRENT PHASE SHALL REMAIN AND BE MAINTAINED IN PLACE UNLESS OTHERWISE APPROVED BY THE OWNER/OWNER'S REPRESENTATIVE.
  3. NO EQUIPMENT SHALL BE LEFT IN AIRSIDE WORK AREAS WHEN THERE IS NO CONSTRUCTION ACTIVITY.
  4. CONTRACTOR EMPLOYEES SHALL PARK ALL PERSONAL OCCUPANCY VEHICLES (POV'S) IN THE TERMINAL PARKING LOT. NO POV'S SHALL BE ALLOWED INSIDE THE AIRFIELD. CONTRACTOR VEHICLES SHALL BE MARKED WITH LOGOS AND INCLUDE A FLASHING BEACON WHEN OPERATING INSIDE OF THE AIRFIELD.
  5. CONTRACTOR PERSONNEL SHALL YIELD RIGHT-OF-WAY TO MOVING AIRCRAFT AT ALL TIMES.
  6. NO GAPS IN THE FENCE ALLOWING ACCESS TO THE AIRFIELD SHALL BE LEFT UNATTENDED ANYTIME DURING PROJECT.
  7. AIRCRAFT BARRICADES (BA) SHALL BE PLACED TO PROVIDE SUFFICIENT SAFETY AREA FOR WINGTIP CLEARANCES.
  8. CONTRACTOR SHALL NOT CROSS CONTRACTOR BARRICADES (BC).
  9. ELECTRICAL WORK OUTSIDE OF TOFA MAY BE COMPLETED AT ANYTIME DURING PROJECT.
  10. ALL LIGHTING AND SIGNAGE MUST BE VERIFIED AS FUNCTIONAL AT LEAST 48 HOURS PRIOR TO COMPLETION OF PHASE.
  11. CONSTRUCTED HAUL ROUTE TO REMAIN IN PLACE AT THE CONCLUSION OF THE PROJECT.

SAFETY AREA & OBJECT FREE AREA WIDTH TABLE

		PAVEMENT WIDTH (E)/(F)	SAFETY AREA WIDTH	OBJECT FREE AREA WIDTH
	AAC/ADG	RUNWAYS		
RUNWAY 13/31	B-II	(100')/(100')	300'	800'
RUNWAY 3/21	B-II	(100')/(100')	150'	500'
	ADG/TDG	TAXIWAYS		
TAXIWAY 'A'	II/2A	(50')/(35')	79'	124'
TAXIWAY 'B'	II/2A	(50')/(35')	79'	124'
TAXIWAY 'C'	II/2A	(50')/(35')	79'	124'
TAXIWAY 'S'	II/2A	(35')/(35')	79'	124'
TAXIWAY 'T'	II/2A	(50')/(35')	79'	124'
UNNAMED TAXIWAY	II/2A	(50')/(35')	79'	124'
	ADG/TDG	TAXILANES		
GA CROWN TAXILANE	II/2A	(50')/(50')	79'	110'

PHASE 1B SAFETY MEASURES TABLE

LOCATION	TYPE II BARRICADES (L.F.)	TYPE II BARRICADES (EA.)
TAXIWAY 'A' NEAR TAXIWAY 'B' (NE)	52	7
RUNWAY 13/31 NEAR TAXIWAY 'B' (SW)	204	26
RUNWAY 13/31 CROSSING RUNWAY 3/21	204	26
TAXIWAY 'T'	101	13
TAXIWAY 'S'	40	5
TOTAL	601	77

LEGEND

- PHASE 1A WORK AREA
- PHASE 1B WORK AREA
- AOA CLOSURE
- STAGING AREA
- CONSTRUCTION ENTRANCE
- HAUL ROUTE
- CONSTRUCTED HAUL ROUTE
- BC — BC CONTRACTOR TYPE II BARRICADE
- BA — BA AIRCRAFT TYPE II BARRICADE
- X TEMPORARY RW CLOSURE 'X'
- X TEMPORARY TW CLOSURE 'X'
- ARFF EMERGENCY VEHICLE ROUTE
- RSA RUNWAY SAFETY AREA
- ROFA RUNWAY OBJECT FREE AREA
- TSA TAXIWAY SAFETY AREA
- TOFA TAXIWAY OBJECT FREE AREA

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONE

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HORIZONTAL SCALE IN FEET

NO.	REVISIONS	95% ODOT SUBMITAL	DATE
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PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

CONSTRUCTION SAFETY & PHASING PLAN (CSPP) - PHASE 1B

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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Alfred Benesch & Company
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Atlanta, Georgia 30308
706-722-4114

Job No. - 19024029.01

DRAWN BY: D.JL. | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 20/96 | DRAWING NO. CSPP-7

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NOT FOR CONSTRUCTION

ENLARGEMENT 'A'

0 100 200 300
HORIZONTAL SCALE IN FEET

ENLARGEMENT 'B'

0 100 200 300
HORIZONTAL SCALE IN FEET

REFER TO ENLARGEMENT 'B' (THIS SHEET)

REFER TO ENLARGEMENT 'A' (THIS SHEET)

COVER ARROW LEFT

NOTES: (#)

1. Sign Coverings Shall Be Completed Concurrently With Airport Safety Measure Placement, Under Owner Escort.
2. Signs S28, S33, S34, S35, S36, S38, S39, And S42 To Be Covered For The Duration Of Phases 1A and 1B.
3. See Sheet E-10 For Sign Changes.
4. Contractor Shall Cover All Signs That Direct To Closed Taxiways And Runways.

LEGEND

- PHASE 1A WORK AREA
- PHASE 1B WORK AREA
- AOA CLOSURE
- TW EDGE LIGHTS
- COVER TW EDGE LIGHTS
- COVER SIGN
- RSA — RUNWAY SAFETY AREA
- ROFA — RUNWAY OBJECT FREE AREA
- TSA — TAXIWAY SAFETY AREA
- TOFA — TAXIWAY OBJECT FREE AREA

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONE

0 250 500 750
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
1	95% CDOT SUBMITAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

CONSTRUCTION SAFETY & PHASING PLAN - SIGN ADJUSTMENT PLAN - (1)

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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Atlanta, Georgia 30308
708-724-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: SMV | QUANTITIES CHECKED BY: MKM

SHEET 21/96 | DRAWING NO. CSPP-8

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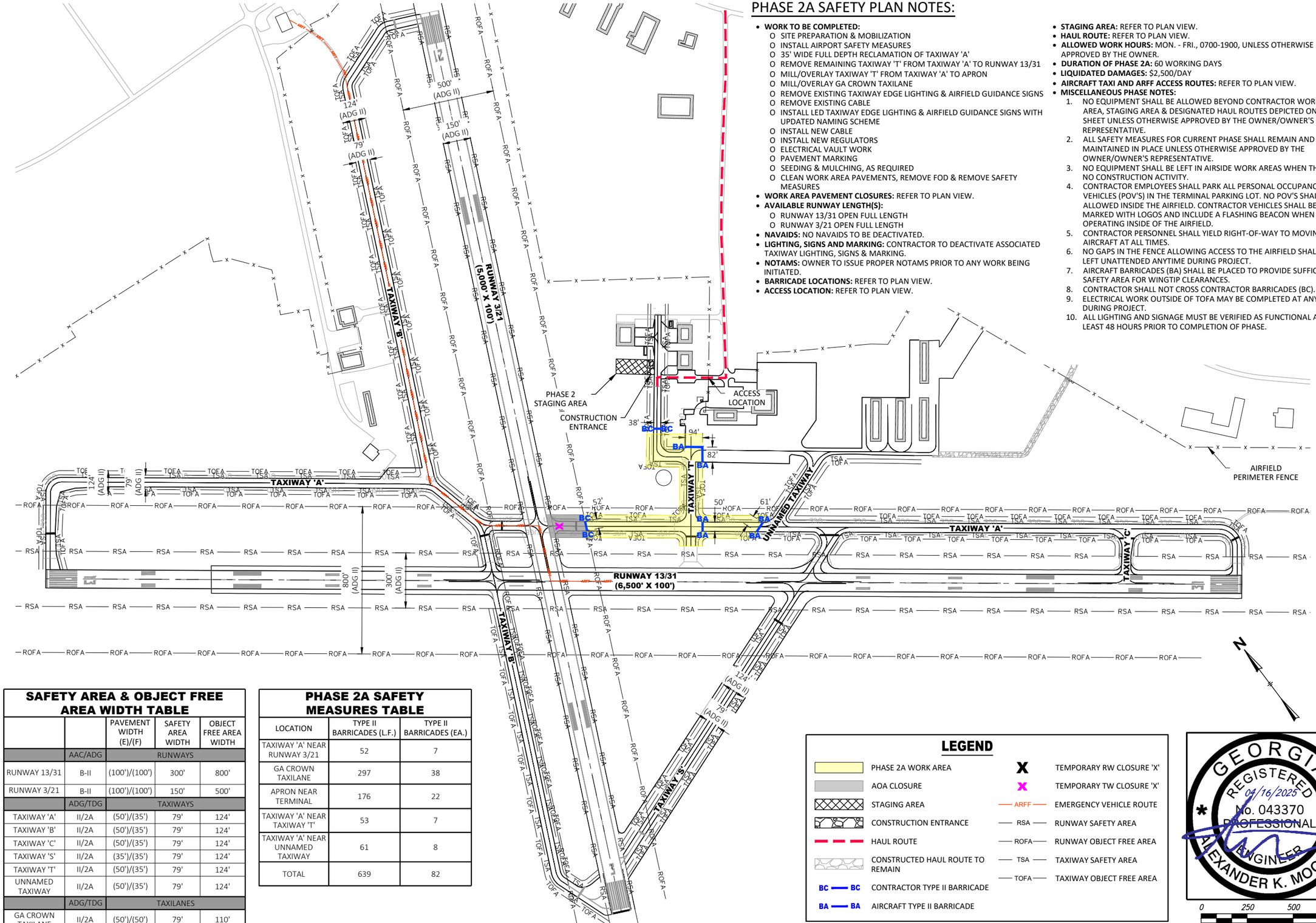

PHASE 2A SAFETY PLAN NOTES:

- **WORK TO BE COMPLETED:**
  - O SITE PREPARATION & MOBILIZATION
  - O INSTALL AIRPORT SAFETY MEASURES
  - O 35' WIDE FULL DEPTH RECLAMATION OF TAXIWAY 'A'
  - O REMOVE REMAINING TAXIWAY 'T' FROM TAXIWAY 'A' TO RUNWAY 13/31
  - O MILL/OVERLAY TAXIWAY 'T' FROM TAXIWAY 'A' TO APRON
  - O MILL/OVERLAY GA CROWN TAXILANE
  - O REMOVE EXISTING TAXIWAY EDGE LIGHTING & AIRFIELD GUIDANCE SIGNS
  - O REMOVE EXISTING CABLE
  - O INSTALL LED TAXIWAY EDGE LIGHTING & AIRFIELD GUIDANCE SIGNS WITH UPDATED NAMING SCHEME
  - O INSTALL NEW CABLE
  - O INSTALL NEW REGULATORS
  - O ELECTRICAL VAULT WORK
  - O PAVEMENT MARKING
  - O SEEDING & MULCHING, AS REQUIRED
  - O CLEAN WORK AREA PAVEMENTS, REMOVE FOD & REMOVE SAFETY MEASURES
- **WORK AREA PAVEMENT CLOSURES:** REFER TO PLAN VIEW.
- **AVAILABLE RUNWAY LENGTH(S):**
  - O RUNWAY 13/31 OPEN FULL LENGTH
  - O RUNWAY 3/21 OPEN FULL LENGTH
- **NAVAIDS:** NO NAVAIDS TO BE DEACTIVATED.
- **LIGHTING, SIGNS AND MARKING:** CONTRACTOR TO DEACTIVATE ASSOCIATED TAXIWAY LIGHTING, SIGNS & MARKING.
- **NOTAMS:** OWNER TO ISSUE PROPER NOTAMS PRIOR TO ANY WORK BEING INITIATED.
- **BARRICADE LOCATIONS:** REFER TO PLAN VIEW.
- **ACCESS LOCATION:** REFER TO PLAN VIEW.
- **STAGING AREA:** REFER TO PLAN VIEW.
- **HAUL ROUTE:** REFER TO PLAN VIEW.
- **ALLOWED WORK HOURS:** MON. - FRI., 0700-1900, UNLESS OTHERWISE APPROVED BY THE OWNER.
- **DURATION OF PHASE 2A:** 60 WORKING DAYS
- **LIQUIDATED DAMAGES:** $2,500/DAY
- **AIRCRAFT TAXI AND ARFF ACCESS ROUTES:** REFER TO PLAN VIEW.
- **MISCELLANEOUS PHASE NOTES:**
  1. NO EQUIPMENT SHALL BE ALLOWED BEYOND CONTRACTOR WORK AREA, STAGING AREA & DESIGNATED HAUL ROUTES DEPICTED ON THIS SHEET UNLESS OTHERWISE APPROVED BY THE OWNER/OWNER'S REPRESENTATIVE.
  2. ALL SAFETY MEASURES FOR CURRENT PHASE SHALL REMAIN AND BE MAINTAINED IN PLACE UNLESS OTHERWISE APPROVED BY THE OWNER/OWNER'S REPRESENTATIVE.
  3. NO EQUIPMENT SHALL BE LEFT IN AIRSIDE WORK AREAS WHEN THERE IS NO CONSTRUCTION ACTIVITY.
  4. CONTRACTOR EMPLOYEES SHALL PARK ALL PERSONAL OCCUPANCY VEHICLES (POV'S) IN THE TERMINAL PARKING LOT. NO POV'S SHALL BE ALLOWED INSIDE THE AIRFIELD. CONTRACTOR VEHICLES SHALL BE MARKED WITH LOGOS AND INCLUDE A FLASHING BEACON WHEN OPERATING INSIDE OF THE AIRFIELD.
  5. CONTRACTOR PERSONNEL SHALL YIELD RIGHT-OF-WAY TO MOVING AIRCRAFT AT ALL TIMES.
  6. NO GAPS IN THE FENCE ALLOWING ACCESS TO THE AIRFIELD SHALL BE LEFT UNATTENDED ANYTIME DURING PROJECT.
  7. AIRCRAFT BARRICADES (BA) SHALL BE PLACED TO PROVIDE SUFFICIENT SAFETY AREA FOR WINGTIP CLEARANCES.
  8. CONTRACTOR SHALL NOT CROSS CONTRACTOR BARRICADES (BC).
  9. ELECTRICAL WORK OUTSIDE OF TOFA MAY BE COMPLETED AT ANYTIME DURING PROJECT.
  10. ALL LIGHTING AND SIGNAGE MUST BE VERIFIED AS FUNCTIONAL AT LEAST 48 HOURS PRIOR TO COMPLETION OF PHASE.

SAFETY AREA & OBJECT FREE AREA WIDTH TABLE

		PAVEMENT WIDTH (E)/(F)	SAFETY AREA WIDTH	OBJECT FREE AREA WIDTH
	AAC/ADG	RUNWAYS		
RUNWAY 13/31	B-II	(100')/(100')	300'	800'
RUNWAY 3/21	B-II	(100')/(100')	150'	500'
	ADG/TDG	TAXIWAYS		
TAXIWAY 'A'	II/2A	(50')/(35')	79'	124'
TAXIWAY 'B'	II/2A	(50')/(35')	79'	124'
TAXIWAY 'C'	II/2A	(50')/(35')	79'	124'
TAXIWAY 'S'	II/2A	(35')/(35')	79'	124'
TAXIWAY 'T'	II/2A	(50')/(35')	79'	124'
UNNAMED TAXIWAY	II/2A	(50')/(35')	79'	124'
	ADG/TDG	TAXILANES		
GA CROWN TAXILANE	II/2A	(50')/(50')	79'	110'

PHASE 2A SAFETY MEASURES TABLE

LOCATION	TYPE II BARRICADES (L.F.)	TYPE II BARRICADES (EA.)
TAXIWAY 'A' NEAR RUNWAY 3/21	52	7
GA CROWN TAXILANE	297	38
APRON NEAR TERMINAL	176	22
TAXIWAY 'A' NEAR TAXIWAY 'T'	53	7
TAXIWAY 'A' NEAR UNNAMED TAXIWAY	61	8
TOTAL	639	82

LEGEND

- PHASE 2A WORK AREA
- AOA CLOSURE
- STAGING AREA
- CONSTRUCTION ENTRANCE
- HAUL ROUTE
- CONSTRUCTED HAUL ROUTE TO REMAIN
- BC — BC CONTRACTOR TYPE II BARRICADE
- BA — BA AIRCRAFT TYPE II BARRICADE
- X TEMPORARY RW CLOSURE 'X'
- X TEMPORARY TW CLOSURE 'X'
- ARFF EMERGENCY VEHICLE ROUTE
- RSA RUNWAY SAFETY AREA
- ROFA RUNWAY OBJECT FREE AREA
- TSA TAXIWAY SAFETY AREA
- TOFA TAXIWAY OBJECT FREE AREA

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONE

0 250 500 750
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
1	95% ODOT SUBMITAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

CONSTRUCTION SAFETY & PHASING PLAN (CSPP) - PHASE 2A

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114

Job No. - 19024029.01

DRAWN BY: D.JL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 22/96 | DRAWING NO. CSPP-9

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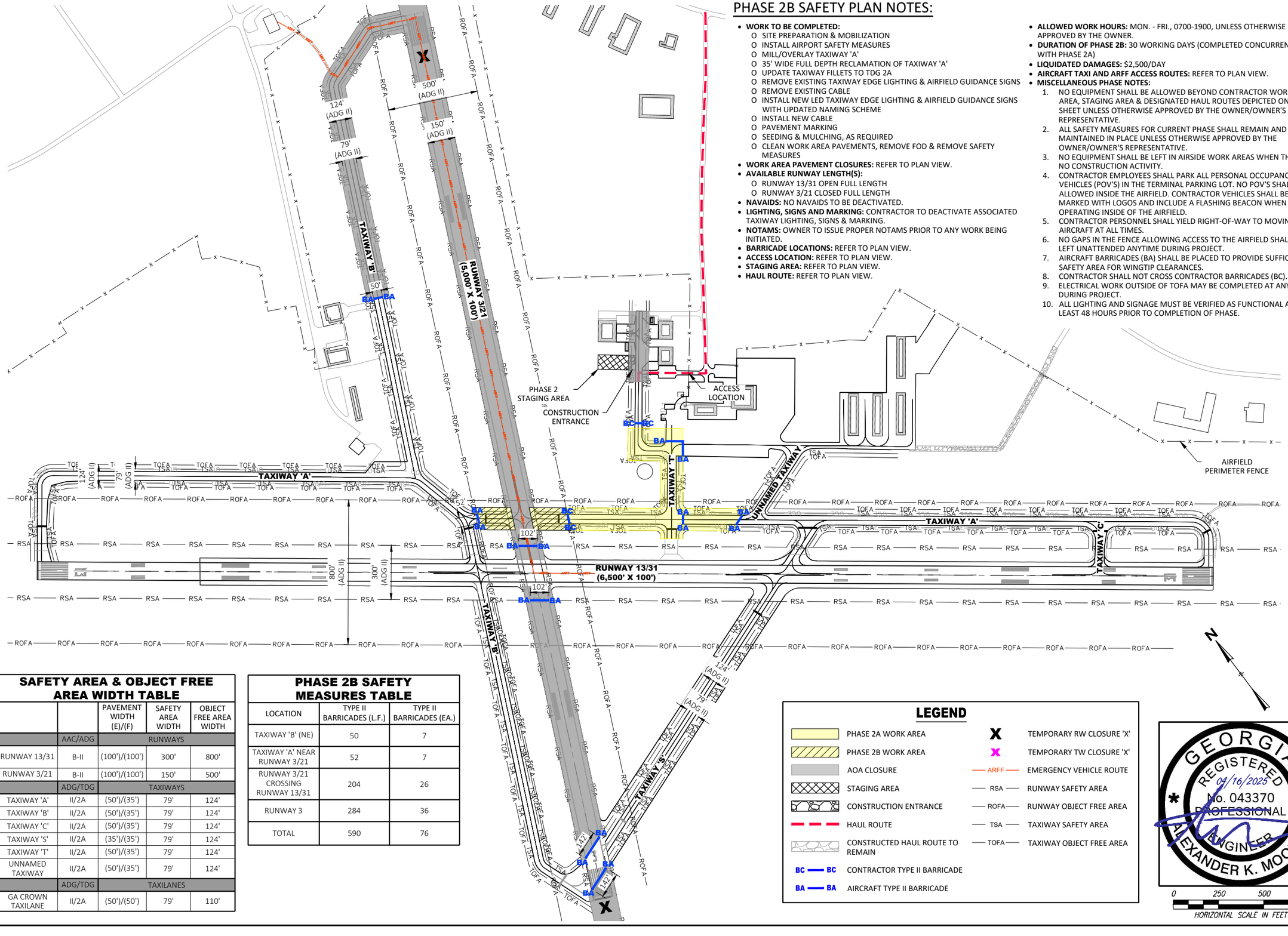
NOT FOR CONSTRUCTION



PHASE 2B SAFETY PLAN NOTES:

- **WORK TO BE COMPLETED:**
  - O SITE PREPARATION & MOBILIZATION
  - O INSTALL AIRPORT SAFETY MEASURES
  - O MILL/OVERLAY TAXIWAY 'A'
  - O 35' WIDE FULL DEPTH RECLAMATION OF TAXIWAY 'A'
  - O UPDATE TAXIWAY FILLETS TO TDG 2A
  - O REMOVE EXISTING TAXIWAY EDGE LIGHTING & AIRFIELD GUIDANCE SIGNS
  - O REMOVE EXISTING CABLE
  - O INSTALL NEW LED TAXIWAY EDGE LIGHTING & AIRFIELD GUIDANCE SIGNS WITH UPDATED NAMING SCHEME
  - O INSTALL NEW CABLE
  - O PAVEMENT MARKING
  - O SEEDING & MULCHING, AS REQUIRED
  - O CLEAN WORK AREA PAVEMENTS, REMOVE FOD & REMOVE SAFETY MEASURES
- **WORK AREA PAVEMENT CLOSURES:** REFER TO PLAN VIEW.
- **AVAILABLE RUNWAY LENGTH(S):**
  - O RUNWAY 13/31 OPEN FULL LENGTH
  - O RUNWAY 3/21 CLOSED FULL LENGTH
- **NAVAIDS:** NO NAVAIDS TO BE DEACTIVATED.
- **LIGHTING, SIGNS AND MARKING:** CONTRACTOR TO DEACTIVATE ASSOCIATED TAXIWAY LIGHTING, SIGNS & MARKING.
- **NOTAMS:** OWNER TO ISSUE PROPER NOTAMS PRIOR TO ANY WORK BEING INITIATED.
- **BARRICADE LOCATIONS:** REFER TO PLAN VIEW.
- **ACCESS LOCATION:** REFER TO PLAN VIEW.
- **STAGING AREA:** REFER TO PLAN VIEW.
- **HAUL ROUTE:** REFER TO PLAN VIEW.
- **ALLOWED WORK HOURS:** MON. - FRI., 0700-1900, UNLESS OTHERWISE APPROVED BY THE OWNER.
- **DURATION OF PHASE 2B:** 30 WORKING DAYS (COMPLETED CONCURRENTLY WITH PHASE 2A)
- **LIQUIDATED DAMAGES:** $2,500/DAY
- **AIRCRAFT TAXI AND ARFF ACCESS ROUTES:** REFER TO PLAN VIEW.
- **MISCELLANEOUS PHASE NOTES:**
  1. NO EQUIPMENT SHALL BE ALLOWED BEYOND CONTRACTOR WORK AREA, STAGING AREA & DESIGNATED HAUL ROUTES DEPICTED ON THIS SHEET UNLESS OTHERWISE APPROVED BY THE OWNER/OWNER'S REPRESENTATIVE.
  2. ALL SAFETY MEASURES FOR CURRENT PHASE SHALL REMAIN AND BE MAINTAINED IN PLACE UNLESS OTHERWISE APPROVED BY THE OWNER/OWNER'S REPRESENTATIVE.
  3. NO EQUIPMENT SHALL BE LEFT IN AIRSIDE WORK AREAS WHEN THERE IS NO CONSTRUCTION ACTIVITY.
  4. CONTRACTOR EMPLOYEES SHALL PARK ALL PERSONAL OCCUPANCY VEHICLES (POV'S) IN THE TERMINAL PARKING LOT. NO POV'S SHALL BE ALLOWED INSIDE THE AIRFIELD. CONTRACTOR VEHICLES SHALL BE MARKED WITH LOGOS AND INCLUDE A FLASHING BEACON WHEN OPERATING INSIDE OF THE AIRFIELD.
  5. CONTRACTOR PERSONNEL SHALL YIELD RIGHT-OF-WAY TO MOVING AIRCRAFT AT ALL TIMES.
  6. NO GAPS IN THE FENCE ALLOWING ACCESS TO THE AIRFIELD SHALL BE LEFT UNATTENDED ANYTIME DURING PROJECT.
  7. AIRCRAFT BARRICADES (BA) SHALL BE PLACED TO PROVIDE SUFFICIENT SAFETY AREA FOR WINGTIP CLEARANCES.
  8. CONTRACTOR SHALL NOT CROSS CONTRACTOR BARRICADES (BC).
  9. ELECTRICAL WORK OUTSIDE OF TOFA MAY BE COMPLETED AT ANYTIME DURING PROJECT.
  10. ALL LIGHTING AND SIGNAGE MUST BE VERIFIED AS FUNCTIONAL AT LEAST 48 HOURS PRIOR TO COMPLETION OF PHASE.

SAFETY AREA & OBJECT FREE AREA WIDTH TABLE

		PAVEMENT WIDTH (E)/(F)	SAFETY AREA WIDTH	OBJECT FREE AREA WIDTH
	AAC/ADG	RUNWAYS		
RUNWAY 13/31	B-II	(100')/(100')	300'	800'
RUNWAY 3/21	B-II	(100')/(100')	150'	500'
	ADG/TDG	TAXIWAYS		
TAXIWAY 'A'	II/2A	(50')/(35')	79'	124'
TAXIWAY 'B'	II/2A	(50')/(35')	79'	124'
TAXIWAY 'C'	II/2A	(50')/(35')	79'	124'
TAXIWAY 'S'	II/2A	(35')/(35')	79'	124'
TAXIWAY 'T'	II/2A	(50')/(35')	79'	124'
UNNAMED TAXIWAY	II/2A	(50')/(35')	79'	124'
	ADG/TDG	TAXILANES		
GA CROWN TAXILANE	II/2A	(50')/(50')	79'	110'

PHASE 2B SAFETY MEASURES TABLE

LOCATION	TYPE II BARRICADES (L.F.)	TYPE II BARRICADES (EA.)
TAXIWAY 'B' (NE)	50	7
TAXIWAY 'A' NEAR RUNWAY 3/21	52	7
RUNWAY 3/21 CROSSING RUNWAY 13/31	204	26
RUNWAY 3	284	36
TOTAL	590	76

LEGEND

- PHASE 2A WORK AREA
- PHASE 2B WORK AREA
- AOA CLOSURE
- STAGING AREA
- CONSTRUCTION ENTRANCE
- HAUL ROUTE
- CONSTRUCTED HAUL ROUTE TO REMAIN
- BC — BC CONTRACTOR TYPE II BARRICADE
- BA — BA AIRCRAFT TYPE II BARRICADE
- X TEMPORARY RW CLOSURE 'X'
- X TEMPORARY TW CLOSURE 'X'
- ARFF EMERGENCY VEHICLE ROUTE
- RSA RUNWAY SAFETY AREA
- ROFA RUNWAY OBJECT FREE AREA
- TSA TAXIWAY SAFETY AREA
- TOFA TAXIWAY OBJECT FREE AREA

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONE

0 250 500 750
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
1	95% COOT SUBMITTAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

CONSTRUCTION SAFETY & PHASING PLAN (CSPP) - PHASE 2B

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: D.L. | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 23/96 | DRAWING NO. CSPP-10

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NOT FOR CONSTRUCTION

ENLARGEMENT 'C'

0 100 200 300
HORIZONTAL SCALE IN FEET

ENLARGEMENT 'D'

0 100 200 300
HORIZONTAL SCALE IN FEET

REFER TO ENLARGEMENT 'C' (THIS SHEET)

REFER TO ENLARGEMENT 'D' (THIS SHEET)

NOTES: (#)

1. Sign Coverings Shall Be Completed Concurrently With Airport Safety Measure Placement, Under Owner Escort.
2. Signs S25, S26, S28, And S33 To Be Covered For The Duration Of Phases 2A and 2B.
3. See Sheet E-10 For Sign Changes.
4. Contractor Shall Cover All Signs That Direct To Closed Taxiways And Runways.

LEGEND

- PHASE 2A WORK AREA
- PHASE 2B WORK AREA
- AOA CLOSURE
- TW EDGE LIGHTS
- COVER TW EDGE LIGHTS
- COVER SIGN
- RSA — RUNWAY SAFETY AREA
- ROFA — RUNWAY OBJECT FREE AREA
- TSA — TAXIWAY SAFETY AREA
- TOFA — TAXIWAY OBJECT FREE AREA

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY

0 250 500 750
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
1	95% CDOT SUBMITAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

CONSTRUCTION SAFETY & PHASING PLAN - SIGN ADJUSTMENT PLAN (2)

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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Alfred Benesch & Company
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Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: SMV | QUANTITIES CHECKED BY: AKM

SHEET 24/96 | DRAWING NO. CSPP-11

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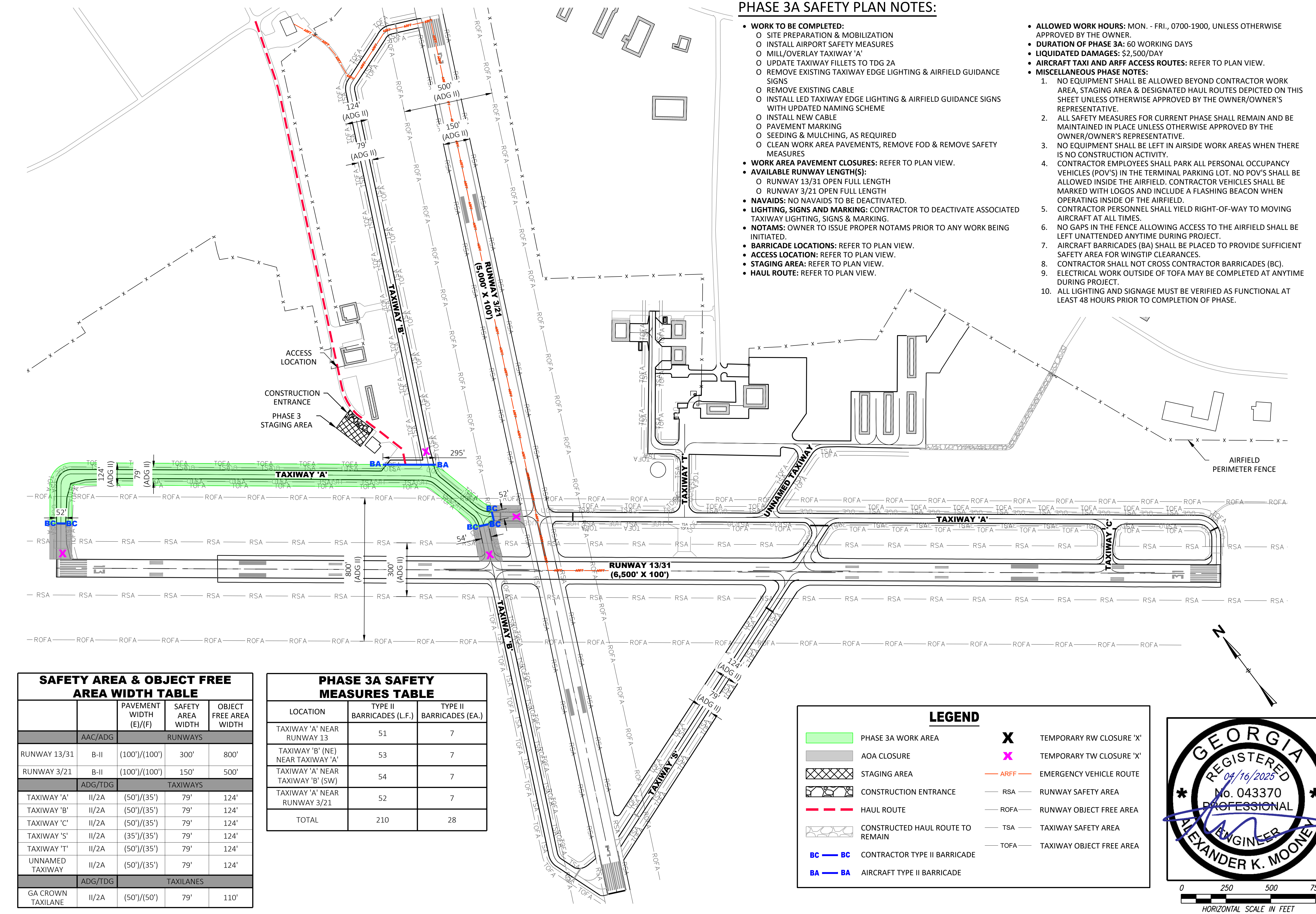
NOT FOR CONSTRUCTION



PHASE 3A SAFETY PLAN NOTES:

- **WORK TO BE COMPLETED:**
  - O SITE PREPARATION & MOBILIZATION
  - O INSTALL AIRPORT SAFETY MEASURES
  - O MILL/OVERLAY TAXIWAY 'A'
  - O UPDATE TAXIWAY FILLETS TO TDG 2A
  - O REMOVE EXISTING TAXIWAY EDGE LIGHTING & AIRFIELD GUIDANCE SIGNS
  - O REMOVE EXISTING CABLE
  - O INSTALL LED TAXIWAY EDGE LIGHTING & AIRFIELD GUIDANCE SIGNS WITH UPDATED NAMING SCHEME
  - O INSTALL NEW CABLE
  - O PAVEMENT MARKING
  - O SEEDING & MULCHING, AS REQUIRED
  - O CLEAN WORK AREA PAVEMENTS, REMOVE FOD & REMOVE SAFETY MEASURES
- **WORK AREA PAVEMENT CLOSURES:** REFER TO PLAN VIEW.
- **AVAILABLE RUNWAY LENGTH(S):**
  - O RUNWAY 13/31 OPEN FULL LENGTH
  - O RUNWAY 3/21 OPEN FULL LENGTH
- **NAVAIDS:** NO NAVAIDS TO BE DEACTIVATED.
- **LIGHTING, SIGNS AND MARKING:** CONTRACTOR TO DEACTIVATE ASSOCIATED TAXIWAY LIGHTING, SIGNS & MARKING.
- **NOTAMS:** OWNER TO ISSUE PROPER NOTAMS PRIOR TO ANY WORK BEING INITIATED.
- **BARRICADE LOCATIONS:** REFER TO PLAN VIEW.
- **ACCESS LOCATION:** REFER TO PLAN VIEW.
- **STAGING AREA:** REFER TO PLAN VIEW.
- **HAUL ROUTE:** REFER TO PLAN VIEW.
- **ALLOWED WORK HOURS:** MON. - FRI., 0700-1900, UNLESS OTHERWISE APPROVED BY THE OWNER.
- **DURATION OF PHASE 3A:** 60 WORKING DAYS
- **LIQUIDATED DAMAGES:** $2,500/DAY
- **AIRCRAFT TAXI AND ARFF ACCESS ROUTES:** REFER TO PLAN VIEW.
- **MISCELLANEOUS PHASE NOTES:**
  1. NO EQUIPMENT SHALL BE ALLOWED BEYOND CONTRACTOR WORK AREA, STAGING AREA & DESIGNATED HAUL ROUTES DEPICTED ON THIS SHEET UNLESS OTHERWISE APPROVED BY THE OWNER/OWNER'S REPRESENTATIVE.
  2. ALL SAFETY MEASURES FOR CURRENT PHASE SHALL REMAIN AND BE MAINTAINED IN PLACE UNLESS OTHERWISE APPROVED BY THE OWNER/OWNER'S REPRESENTATIVE.
  3. NO EQUIPMENT SHALL BE LEFT IN AIRSIDE WORK AREAS WHEN THERE IS NO CONSTRUCTION ACTIVITY.
  4. CONTRACTOR EMPLOYEES SHALL PARK ALL PERSONAL OCCUPANCY VEHICLES (POV'S) IN THE TERMINAL PARKING LOT. NO POV'S SHALL BE ALLOWED INSIDE THE AIRFIELD. CONTRACTOR VEHICLES SHALL BE MARKED WITH LOGOS AND INCLUDE A FLASHING BEACON WHEN OPERATING INSIDE OF THE AIRFIELD.
  5. CONTRACTOR PERSONNEL SHALL YIELD RIGHT-OF-WAY TO MOVING AIRCRAFT AT ALL TIMES.
  6. NO GAPS IN THE FENCE ALLOWING ACCESS TO THE AIRFIELD SHALL BE LEFT UNATTENDED ANYTIME DURING PROJECT.
  7. AIRCRAFT BARRICADES (BA) SHALL BE PLACED TO PROVIDE SUFFICIENT SAFETY AREA FOR WINGTIP CLEARANCES.
  8. CONTRACTOR SHALL NOT CROSS CONTRACTOR BARRICADES (BC).
  9. ELECTRICAL WORK OUTSIDE OF TOFA MAY BE COMPLETED AT ANYTIME DURING PROJECT.
  10. ALL LIGHTING AND SIGNAGE MUST BE VERIFIED AS FUNCTIONAL AT LEAST 48 HOURS PRIOR TO COMPLETION OF PHASE.

SAFETY AREA & OBJECT FREE AREA WIDTH TABLE

		PAVEMENT WIDTH (E)/(F)	SAFETY AREA WIDTH	OBJECT FREE AREA WIDTH
	AAC/ADG	RUNWAYS		
RUNWAY 13/31	B-II	(100')/(100')	300'	800'
RUNWAY 3/21	B-II	(100')/(100')	150'	500'
	ADG/TDG	TAXIWAYS		
TAXIWAY 'A'	II/2A	(50')/(35')	79'	124'
TAXIWAY 'B'	II/2A	(50')/(35')	79'	124'
TAXIWAY 'C'	II/2A	(50')/(35')	79'	124'
TAXIWAY 'S'	II/2A	(35')/(35')	79'	124'
TAXIWAY 'T'	II/2A	(50')/(35')	79'	124'
UNNAMED TAXIWAY	II/2A	(50')/(35')	79'	124'
	ADG/TDG	TAXILANES		
GA CROWN TAXILANE	II/2A	(50')/(50')	79'	110'

PHASE 3A SAFETY MEASURES TABLE

LOCATION	TYPE II BARRICADES (L.F.)	TYPE II BARRICADES (EA.)
TAXIWAY 'A' NEAR RUNWAY 13	51	7
TAXIWAY 'B' (NE) NEAR TAXIWAY 'A'	53	7
TAXIWAY 'A' NEAR TAXIWAY 'B' (SW)	54	7
TAXIWAY 'A' NEAR RUNWAY 3/21	52	7
TOTAL	210	28

LEGEND

PHASE 3A WORK AREA	X TEMPORARY RW CLOSURE 'X'
AOA CLOSURE	X TEMPORARY TW CLOSURE 'X'
STAGING AREA	ARFF EMERGENCY VEHICLE ROUTE
CONSTRUCTION ENTRANCE	RSA RUNWAY SAFETY AREA
HAUL ROUTE	ROFA RUNWAY OBJECT FREE AREA
CONSTRUCTED HAUL ROUTE TO REMAIN	TSA TAXIWAY SAFETY AREA
BC — BC CONTRACTOR TYPE II BARRICADE	TOFA TAXIWAY OBJECT FREE AREA
BA — BA AIRCRAFT TYPE II BARRICADE	

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY

0 250 500 750
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
△	95% GDOT SUBMITTAL	7/1/2024

PROJECT TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE APRIL 2025

CONSTRUCTION SAFETY & PHASING PLAN (CSPP) - PHASE 3A

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

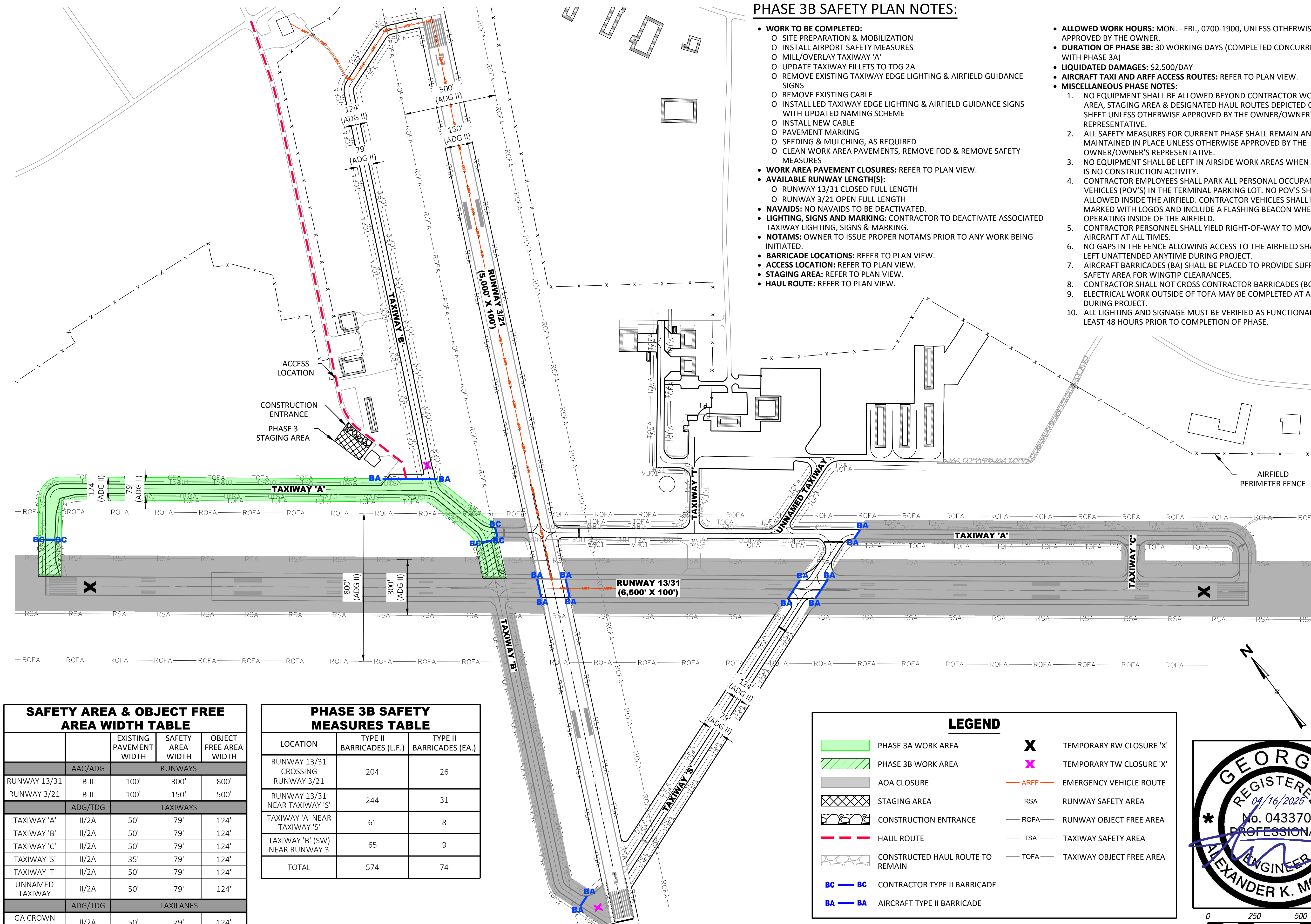
benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

NOT FOR CONSTRUCTION

PHASE 3B SAFETY PLAN NOTES:

- **WORK TO BE COMPLETED:**
  - SITE PREPARATION & MOBILIZATION
  - INSTALL AIRPORT SAFETY MEASURES
  - MILL/OVERLAY TAXIWAY 'A'
  - UPDATE TAXIWAY FILLETS TO TDG 2A
  - REMOVE EXISTING TAXIWAY EDGE LIGHTING & AIRFIELD GUIDANCE SIGNS
  - REMOVE EXISTING CABLE
  - INSTALL LED TAXIWAY EDGE LIGHTING & AIRFIELD GUIDANCE SIGNS WITH UPDATED NAMING SCHEME
  - INSTALL NEW CABLE
  - PAVEMENT MARKING
  - SEEDING & MULCHING, AS REQUIRED
  - CLEAN WORK AREA PAVEMENTS, REMOVE FOD & REMOVE SAFETY MEASURES
- **WORK AREA PAVEMENT CLOSURES:** REFER TO PLAN VIEW.
- **AVAILABLE RUNWAY LENGTH(S):**
  - RUNWAY 13/31 CLOSED FULL LENGTH
  - RUNWAY 3/21 OPEN FULL LENGTH
- **NAVAIDS:** NO NAVAIDS TO BE DEACTIVATED.
- **LIGHTING, SIGNS AND MARKING:** CONTRACTOR TO DEACTIVATE ASSOCIATED TAXIWAY LIGHTING, SIGNS & MARKING.
- **NOTAMS:** OWNER TO ISSUE PROPER NOTAMS PRIOR TO ANY WORK BEING INITIATED.
- **BARRICADE LOCATIONS:** REFER TO PLAN VIEW.
- **ACCESS LOCATION:** REFER TO PLAN VIEW.
- **STAGING AREA:** REFER TO PLAN VIEW.
- **HAUL ROUTE:** REFER TO PLAN VIEW.
- **ALLOWED WORK HOURS:** MON. - FRI., 0700-1900, UNLESS OTHERWISE APPROVED BY THE OWNER.
- **DURATION OF PHASE 3B:** 30 WORKING DAYS (COMPLETED CONCURRENTLY WITH PHASE 3A)
- **LIQUIDATED DAMAGES:** $2,500/DAY
- **AIRCRAFT TAXI AND ARFF ACCESS ROUTES:** REFER TO PLAN VIEW.
- **MISCELLANEOUS PHASE NOTES:**
  1. NO EQUIPMENT SHALL BE ALLOWED BEYOND CONTRACTOR WORK AREA, STAGING AREA & DESIGNATED HAUL ROUTES DEPICTED ON THIS SHEET UNLESS OTHERWISE APPROVED BY THE OWNER/OWNER'S REPRESENTATIVE.
  2. ALL SAFETY MEASURES FOR CURRENT PHASE SHALL REMAIN AND BE MAINTAINED IN PLACE UNLESS OTHERWISE APPROVED BY THE OWNER/OWNER'S REPRESENTATIVE.
  3. NO EQUIPMENT SHALL BE LEFT IN AIRSIDE WORK AREAS WHEN THERE IS NO CONSTRUCTION ACTIVITY.
  4. CONTRACTOR EMPLOYEES SHALL PARK ALL PERSONAL OCCUPANCY VEHICLES (POV'S) IN THE TERMINAL PARKING LOT. NO POV'S SHALL BE ALLOWED INSIDE THE AIRFIELD. CONTRACTOR VEHICLES SHALL BE MARKED WITH LOGOS AND INCLUDE A FLASHING BEACON WHEN OPERATING INSIDE OF THE AIRFIELD.
  5. CONTRACTOR PERSONNEL SHALL YIELD RIGHT-OF-WAY TO MOVING AIRCRAFT AT ALL TIMES.
  6. NO GAPS IN THE FENCE ALLOWING ACCESS TO THE AIRFIELD SHALL BE LEFT UNATTENDED ANYTIME DURING PROJECT.
  7. AIRCRAFT BARRICADES (BA) SHALL BE PLACED TO PROVIDE SUFFICIENT SAFETY AREA FOR WINGTIP CLEARANCES.
  8. CONTRACTOR SHALL NOT CROSS CONTRACTOR BARRICADES (BC).
  9. ELECTRICAL WORK OUTSIDE OF TOFA MAY BE COMPLETED AT ANYTIME DURING PROJECT.
  10. ALL LIGHTING AND SIGNAGE MUST BE VERIFIED AS FUNCTIONAL AT LEAST 48 HOURS PRIOR TO COMPLETION OF PHASE.



SAFETY AREA & OBJECT FREE AREA WIDTH TABLE

		EXISTING PAVEMENT WIDTH	SAFETY AREA WIDTH	OBJECT FREE AREA WIDTH
	AAC/ADG	RUNWAYS		
RUNWAY 13/31	B-II	100'	300'	800'
RUNWAY 3/21	B-II	100'	150'	500'
	ADG/TDG	TAXIWAYS		
TAXIWAY 'A'	II/2A	50'	79'	124'
TAXIWAY 'B'	II/2A	50'	79'	124'
TAXIWAY 'C'	II/2A	50'	79'	124'
TAXIWAY 'S'	II/2A	35'	79'	124'
TAXIWAY 'T'	II/2A	50'	79'	124'
UNNAMED TAXIWAY	II/2A	50'	79'	124'
	ADG/TDG	TAXILANES		
GA CROWN TAXILANE	II/2A	50'	79'	124'

PHASE 3B SAFETY MEASURES TABLE

LOCATION	TYPE II BARRICADES (L.F.)	TYPE II BARRICADES (EA.)
RUNWAY 13/31 CROSSING RUNWAY 3/21	204	26
RUNWAY 13/31 NEAR TAXIWAY 'S'	244	31
TAXIWAY 'A' NEAR TAXIWAY 'S'	61	8
TAXIWAY 'B' (SW) NEAR RUNWAY 3	65	9
TOTAL	574	74

LEGEND

PHASE 3A WORK AREA	X — TEMPORARY RW CLOSURE 'X'
PHASE 3B WORK AREA	X — TEMPORARY TW CLOSURE 'X'
AOA CLOSURE	ARFF — EMERGENCY VEHICLE ROUTE
STAGING AREA	RSA — RUNWAY SAFETY AREA
CONSTRUCTION ENTRANCE	ROFA — RUNWAY OBJECT FREE AREA
HAUL ROUTE	TSA — TAXIWAY SAFETY AREA
CONSTRUCTED HAUL ROUTE TO REMAIN	TOFA — TAXIWAY OBJECT FREE AREA
BC — BC CONTRACTOR TYPE II BARRICADE	
BA — BA AIRCRAFT TYPE II BARRICADE	

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY

0 250 500 750
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

CONSTRUCTION SAFETY & PHASING PLAN (CSPP) - PHASE 3B

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

NOT FOR CONSTRUCTION

ENLARGEMENT 'E'

0 100 200 300

HORIZONTAL SCALE IN FEET

ENLARGEMENT 'F'

0 100 200 300

HORIZONTAL SCALE IN FEET

REFER TO ENLARGEMENT 'E' (THIS SHEET)

REFER TO ENLARGEMENT 'F' (THIS SHEET)

NOTES: (#)

1. Sign Coverings Shall Be Completed Concurrently With Airport Safety Measure Placement, Under Owner Escort.
2. Signs S19, S21, S22, S23, And S24 To Be Covered For The Duration Of Phases 3A and 3B.
3. See Sheet E-10 For Sign Changes.
4. Contractor Shall Cover All Signs That Direct To Closed Taxiways And Runways.

LEGEND

- PHASE 3A WORK AREA
- PHASE 3B WORK AREA
- AOA CLOSURE
- TW EDGE LIGHTS
- COVER TW EDGE LIGHTS
- COVER SIGN
- RSA — RUNWAY SAFETY AREA
- ROFA — RUNWAY OBJECT FREE AREA
- TSA — TAXIWAY SAFETY AREA
- TOFA — TAXIWAY OBJECT FREE AREA

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONE

0 250 500 750

HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
1	-	7/1/2024
95% CDOT SUBMITAL	-	

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

DATE: APRIL 2025

CONSTRUCTION SAFETY & PHASING PLAN - SIGN ADJUSTMENT PLAN (3)

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: SMV | QUANTITIES CHECKED BY: MKM

SHEET 27/96 | DRAWING NO. CSPP-14

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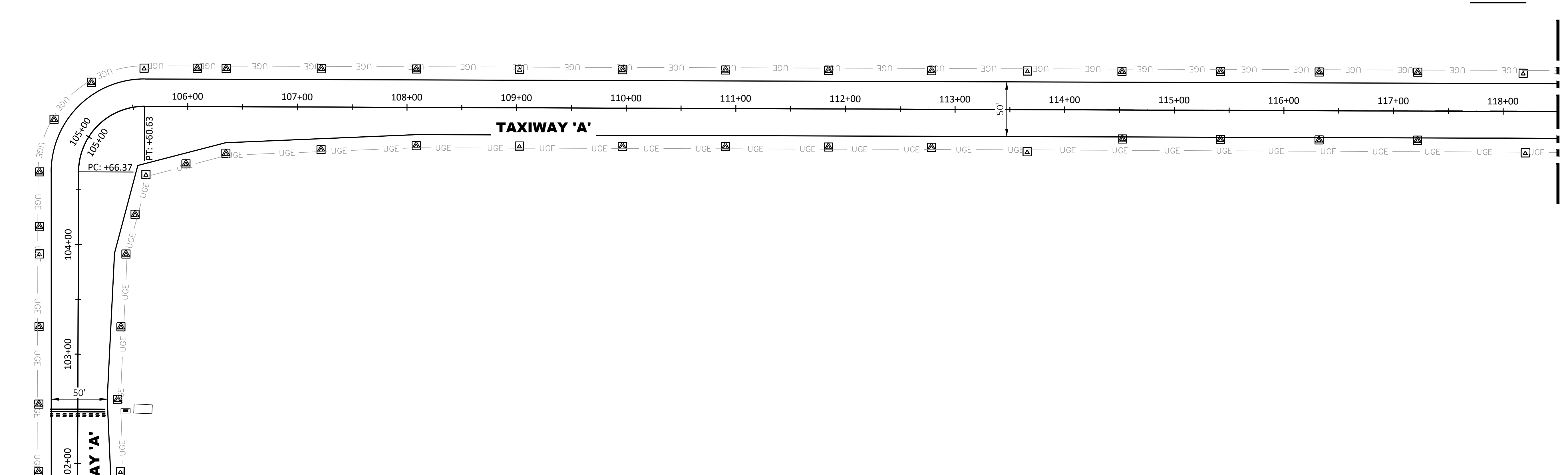
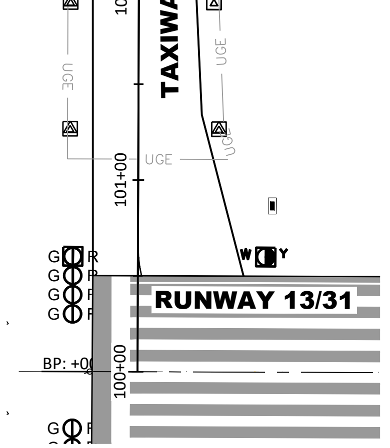
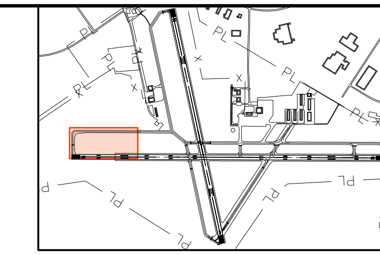






CONSTRUCTION NOTES:

1. REMOVE/MILL EXISTING ASPHALT PAVEMENT IN ACCORDANCE WITH THE PLAN, TABLES, NOTES ON THIS SHEET AND SPECIFICATIONS.
2. REFER TO SHEET G-5 TO SHEET G-9 FOR EXISTING CONDITIONS.
3. EXISTING PAVEMENT SECTION THICKNESSES WERE ESTIMATED BASED ON GEOTECHNICAL INVESTIGATION BORE THICKNESSES AND HISTORICAL PLANS. CONTRACTOR SHALL SATISFY THEMSELVES OF THICKNESSES PROVIDED ON BORE LOGS AND CORRESPONDING LOCATIONS. REFER TO BORE LOG TABLE ON SHEET G-4 AND GEOTECHNICAL BORE LOGS ON SHEET G-10 TO SHEET G-12.
4. SAWCUT A STRAIGHT, CLEAN VERTICAL EDGE AT ALL PAVEMENT OR SIDEWALK TIE-IN LOCATIONS. SAWCUT OR METHOD USED TO CREATE CLEAN EDGE SHALL NOT CAUSE DAMAGE TO ADJACENT ASPHALT OR CONCRETE PAVEMENT TO REMAIN. PAVEMENT SAWING INCIDENTAL TO COLD MILLING OR PAVEMENT REMOVAL BID ITEMS.
5. REFER TO SHEET M-6 TO SHEET M-7 FOR MARKING REMOVAL PLAN.
6. CONTRACTOR SHALL LOCATE AND PROTECT EXISTING UTILITIES PRIOR TO EXCAVATION.
7. DO NOT DISTURB EXISTING UTILITIES INCLUDING SANITARY SEWER, STORM SEWER, WATER VALVES, TELECOMMUNICATION, AND ELECTRICAL MANHOLES TO REMAIN.
8. COLD MILL/REMOVE EXISTING ASPHALT PAVEMENT. ALL WORK TO COLD MILL/REMOVE AND DISPOSE OF EXISTING ASPHALT OFF AIRPORT PROPERTY SHALL BE INCLUDED IN "COLD MILLING (0 INCHES TO 2 INCHES)".
9. REMOVE LIGHTS, SIGNS, AND BASES IN ACCORDANCE WITH THE PLAN, TABLES, NOTES ON THIS SHEET AND SPECIFICATIONS.
10. DEACTIVATE AND DISCONNECT CIRCUITS AS REQUIRED IN THE ELECTRICAL VAULT PRIOR TO REMOVAL OF LIGHTS OR SIGNS. ALL CIRCUIT DEACTIVATION SHALL BE COORDINATED WITH THE PHASING REQUIREMENTS AND WITH THE AIRPORT. TEMPORARY CONNECTIONS SHALL BE USED TO KEEP TAXIWAY EDGE LIGHTING ACTIVE DURING PHASED INSTALLATION AND REMOVAL.
11. REFER TO SHEET E-13 FOR ELECTRICAL VAULT PLAN & DETAILS.
12. EXISTING DIRECT BURY CABLE CALLED OUT ON THIS SHEET OR ENCOUNTERED SHALL BE ABANDONED IN PLACE.
13. BASE MOUNTED AIRFIELD SIGNAGE (EQUIPMENT ONLY) SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF AIRPORT PROPERTY. IF OWNER ELECTS TO RETAIN ANY SIGNS FOR SPARE PARTS, CONTRACTOR SHALL HAND REMOVED SIGN EQUIPMENT OVER TO OWNER. REFER TO ELECTRICAL DETAILS ON SHEET E-12. SEE PICTURE ON SHEET R-7. EXISTING CONCRETE BASE WITH STEEL CAN SHALL REMAIN IN PLACE, UNDAMAGED, TO BE REUSED WITH THE NEW LIGHT EQUIPMENT. EXISTING DIRECT BURY CABLE TO BE ABANDONED. ALL WORK TO REMOVE BASE MOUNTED TAXIWAY EDGE LIGHTS AND REUSE CONCRETE BASE WITH STEEL CAN SHALL BE INCLUDED IN "REMOVE EXISTING TAXIWAY SIGN AND REUSE FOUNDATION".
14. BASE MOUNTED TAXIWAY EDGE LIGHTS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF AIRPORT PROPERTY. REFER TO ELECTRICAL DETAILS ON SHEET E-7 TO SHEET E-8. SEE PICTURE ON SHEET R-7. EXISTING CONCRETE BASE WITH STEEL CAN SHALL BE REMOVED AND DISPOSED OF OFF AIRPORT PROPERTY. FILL ALL VOIDS PER REQUIREMENTS OF P-152 IN THE SPECIFICATIONS. ALL WORK TO REMOVE AND DISPOSE OF BASE MOUNTED TAXIWAY EDGE LIGHTS AND CONCRETE BASE WITH STEEL CAN SHALL BE INCLUDED IN "REMOVE BASE MOUNTED TAXIWAY EDGE LIGHT".
15. STAKE MOUNTED TAXIWAY EDGE LIGHTS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF AIRPORT PROPERTY. REFER TO ELECTRICAL DETAILS ON SHEET E-7 TO SHEET E-8. SEE PICTURE ON SHEET R-7. ALL WORK REQUIRED TO REMOVE AND DISPOSE OF STAKE MOUNTED TAXIWAY EDGE LIGHTS SHALL BE INCLUDED IN "REMOVE STAKE MOUNTED TAXIWAY EDGE LIGHT".
16. EXISTING DUCTS AND DUCT MARKERS ENCOUNTERED SHALL BE PROTECTED IN PLACE. DUCTS SHALL BE SURVEYED AND IDENTIFIED AT THE START OF THE PROJECT. ANY DUCTS REQUIRING EMPLACEMENT DUE TO CONSTRUCTION OPERATIONS SHALL BE INCIDENTAL TO THE PROJECT COSTS.
17. REFER TO SHEET G-4 FOR ALIGNMENT CONTROL.
18. ALL ELECTRICAL WORK INCLUDED IN BASE BID.

LEGEND

- COLD MILL ASPHALT PAVEMENT (0 INCHES TO 2 INCHES)
- REMOVE ASPHALT PAVEMENT (FULL DEPTH)
- FULL DEPTH RECLAMATION - PULVERIZATION (DEPTH VARIES)
- UGE — DIRECT BURY CABLE (TO BE ABANDONED)
- EXISTING DRAINAGE STRUCTURE TO REMAIN
- ST — EXISTING STORM SEWER TO REMAIN
- EXISTING TAXIWAY SIGN

N

0 50 100 150
HORIZONTAL SCALE IN FEET

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 043370 ALEXANDER K. MOONEY 04/16/2025

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

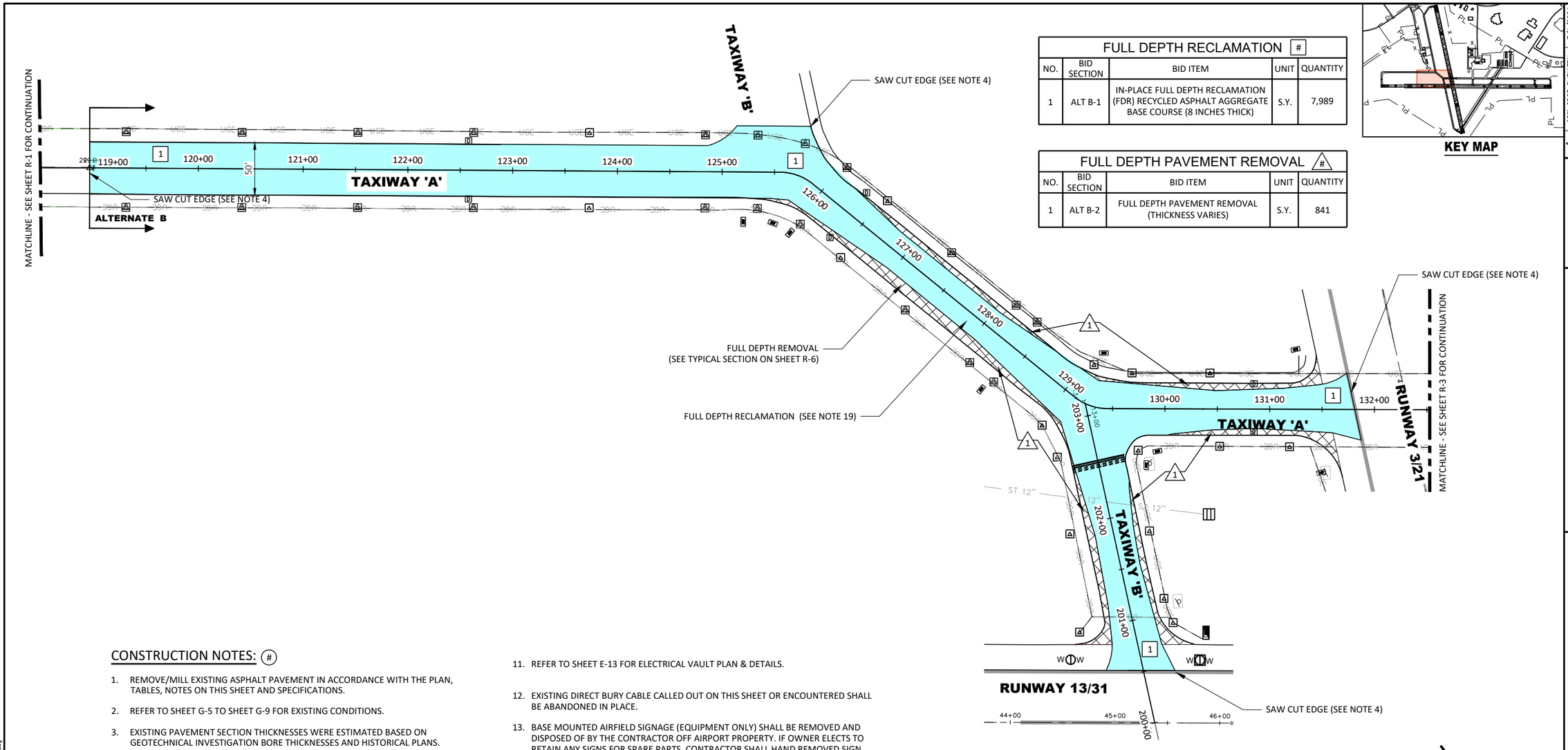
PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

REMOVAL PLAN - SHEET 1

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01
DRAWN BY: DJL DESIGNED BY: KRT REVIEWED BY: AWB QUANTITIES CHECKED BY: AKM

NOT FOR CONSTRUCTION



FULL DEPTH RECLAMATION #				
NO.	BID SECTION	BID ITEM	UNIT	QUANTITY
1	ALT B-1	IN-PLACE FULL DEPTH RECLAMATION (FDR) RECYCLED ASPHALT AGGREGATE BASE COURSE (8 INCHES THICK)	S.Y.	7,989

FULL DEPTH PAVEMENT REMOVAL #				
NO.	BID SECTION	BID ITEM	UNIT	QUANTITY
1	ALT B-2	FULL DEPTH PAVEMENT REMOVAL (THICKNESS VARIES)	S.Y.	841

CONSTRUCTION NOTES: (#)

1. REMOVE/MILL EXISTING ASPHALT PAVEMENT IN ACCORDANCE WITH THE PLAN, TABLES, NOTES ON THIS SHEET AND SPECIFICATIONS.
2. REFER TO SHEET G-5 TO SHEET G-9 FOR EXISTING CONDITIONS.
3. EXISTING PAVEMENT SECTION THICKNESSES WERE ESTIMATED BASED ON GEOTECHNICAL INVESTIGATION BORE THICKNESSES AND HISTORICAL PLANS. CONTRACTOR SHALL SATISFY THEMSELVES OF THICKNESSES PROVIDED ON BORE LOGS AND CORRESPONDING LOCATIONS. REFER TO BORE LOG TABLE ON SHEET G-4 AND GEOTECHNICAL BORE LOGS ON SHEET G-10 TO SHEET G-12.
4. SAWCUT A STRAIGHT, CLEAN VERTICAL EDGE AT ALL PAVEMENT OR SIDEWALK TIE-IN LOCATIONS. SAWCUT OR METHOD USED TO CREATE CLEAN EDGE SHALL NOT CAUSE DAMAGE TO ADJACENT ASPHALT OR CONCRETE PAVEMENT TO REMAIN. PAVEMENT SAWING INCIDENTAL TO COLD MILLING OR PAVEMENT REMOVAL BID ITEMS.
5. REFER TO SHEET M-6 TO SHEET M-7 FOR MARKING REMOVAL PLAN.
6. CONTRACTOR SHALL LOCATE AND PROTECT EXISTING UTILITIES PRIOR TO EXCAVATION.
7. DO NOT DISTURB EXISTING UTILITIES INCLUDING SANITARY SEWER, STORM SEWER, WATER VALVES, TELECOMMUNICATION, AND ELECTRICAL MANHOLES TO REMAIN.
8. COLD MILL/REMOVE EXISTING ASPHALT PAVEMENT. ALL WORK TO COLD MILL/REMOVE AND DISPOSE OF EXISTING ASPHALT OFF AIRPORT PROPERTY SHALL BE INCLUDED IN "COLD MILLING (0 INCHES TO 2 INCHES)".
9. REMOVE LIGHTS, SIGNS, AND BASES IN ACCORDANCE WITH THE PLAN, TABLES, NOTES ON THIS SHEET AND SPECIFICATIONS.
10. DEACTIVATE AND DISCONNECT CIRCUITS AS REQUIRED IN THE ELECTRICAL VAULT PRIOR TO REMOVAL OF LIGHTS OR SIGNS. ALL CIRCUIT DEACTIVATION SHALL BE COORDINATED WITH THE PHASING REQUIREMENTS AND WITH THE AIRPORT. TEMPORARY CONNECTIONS SHALL BE USED TO KEEP TAXIWAY EDGE LIGHTING ACTIVE DURING PHASED INSTALLATION AND REMOVAL.
11. REFER TO SHEET E-13 FOR ELECTRICAL VAULT PLAN & DETAILS.
12. EXISTING DIRECT BURY CABLE CALLED OUT ON THIS SHEET OR ENCOUNTERED SHALL BE ABANDONED IN PLACE.
13. BASE MOUNTED AIRFIELD SIGNAGE (EQUIPMENT ONLY) SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF AIRPORT PROPERTY. IF OWNER ELECTS TO RETAIN ANY SIGNS FOR SPARE PARTS, CONTRACTOR SHALL HAND REMOVED SIGN EQUIPMENT OVER TO OWNER. REFER TO ELECTRICAL DETAILS ON SHEET E-12. SEE PICTURE ON SHEET R-7. EXISTING CONCRETE BASE WITH STEEL CAN SHALL REMAIN IN PLACE, UNDAMAGED, TO BE REUSED WITH THE NEW LIGHT EQUIPMENT. EXISTING DIRECT BURY CABLE TO BE ABANDONED. ALL WORK TO REMOVE BASE MOUNTED TAXIWAY EDGE LIGHTS AND REUSE CONCRETE BASE WITH STEEL CAN SHALL BE INCLUDED IN "REMOVE EXISTING TAXIWAY SIGN AND REUSE FOUNDATION".
14. BASE MOUNTED TAXIWAY EDGE LIGHTS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF AIRPORT PROPERTY. REFER TO ELECTRICAL DETAILS ON SHEET E-7 TO SHEET E-8. SEE PICTURE ON SHEET R-7. EXISTING CONCRETE BASE WITH STEEL CAN SHALL BE REMOVED AND DISPOSED OF OFF AIRPORT PROPERTY. FILL ALL VOIDS PER REQUIREMENTS OF P-152 IN THE SPECIFICATIONS. ALL WORK TO REMOVE AND DISPOSE OF BASE MOUNTED TAXIWAY EDGE LIGHTS AND CONCRETE BASE WITH STEEL CAN SHALL BE INCLUDED IN "REMOVE BASE MOUNTED TAXIWAY EDGE LIGHT".
15. STAKE MOUNTED TAXIWAY EDGE LIGHTS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF AIRPORT PROPERTY. REFER TO ELECTRICAL DETAILS ON SHEET E-7 TO SHEET E-8. SEE PICTURE ON SHEET R-7. ALL WORK REQUIRED TO REMOVE AND DISPOSE OF STAKE MOUNTED TAXIWAY EDGE LIGHTS SHALL BE INCLUDED IN "REMOVE STAKE MOUNTED TAXIWAY EDGE LIGHT".
16. EXISTING DUCTS AND DUCT MARKERS ENCOUNTERED SHALL BE PROTECTED IN PLACE.
17. REFER TO SHEET G-4 FOR ALIGNMENT CONTROL.
18. ALL ELECTRICAL WORK INCLUDED IN BASE BID.

LEGEND

- COLD MILL ASPHALT PAVEMENT (0 INCHES TO 2 INCHES)
- REMOVE ASPHALT PAVEMENT (FULL DEPTH)
- FULL DEPTH RECLAMATION - PULVERIZATION (DEPTH VARIES)
- UGE — DIRECT BURY CABLE (TO BE ABANDONED)
- EXISTING DRAINAGE STRUCTURE TO REMAIN
- ST — EXISTING STORM SEWER TO REMAIN
- EXISTING TAXIWAY SIGN

N

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY

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HORIZONTAL SCALE IN FEET

NO.	REVISIONS	95% CDOT SUBMITAL	DATE
-	-	-	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

REMOVAL PLAN - SHEET 2

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 JOB No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: HRT | REVIEWED BY: AVB | QUANTITIES CHECKED BY: AKM

SHEET 29/96 | DRAWING NO. R-2

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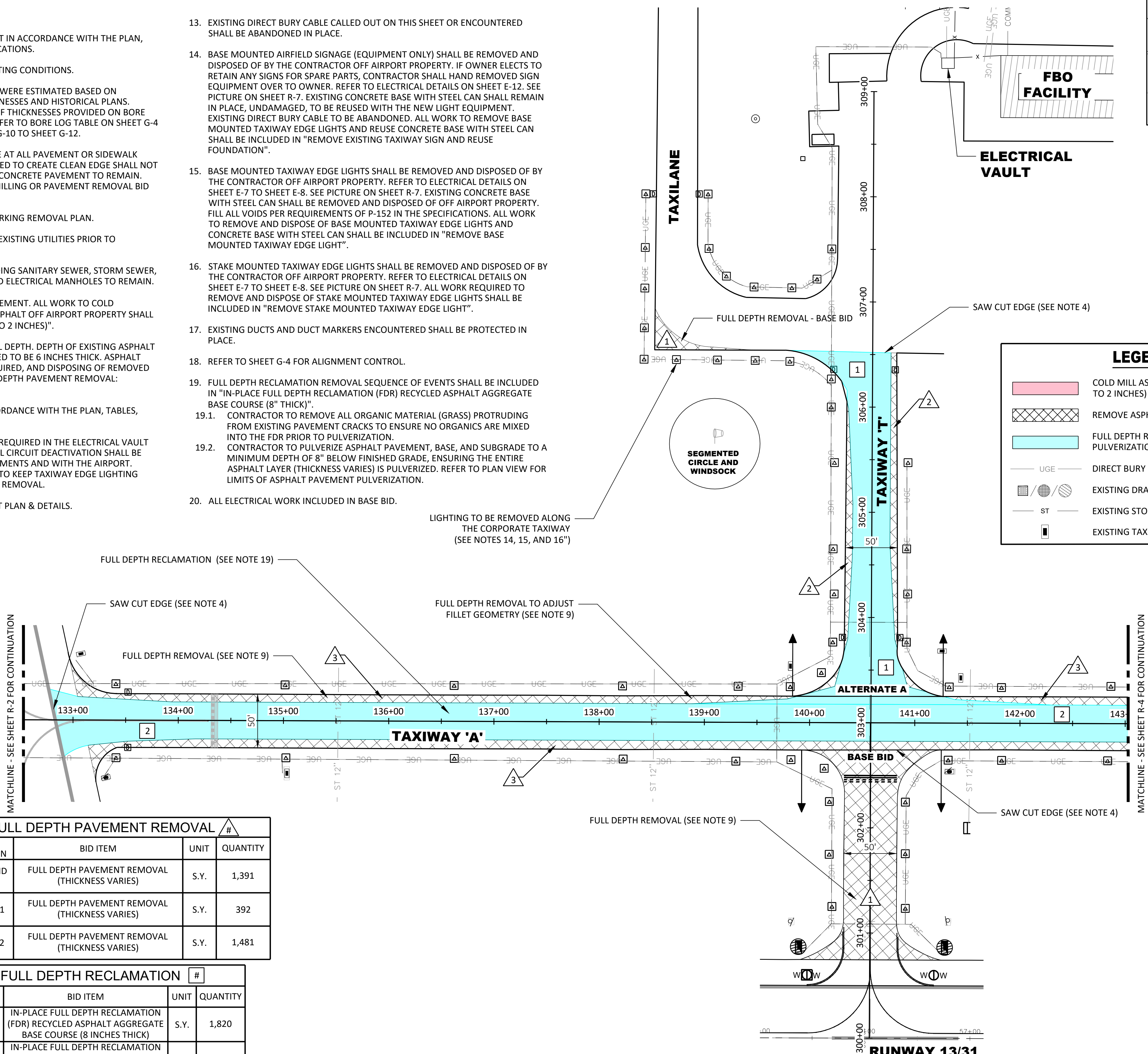
CONSTRUCTION NOTES:

1. REMOVE/MILL EXISTING ASPHALT PAVEMENT IN ACCORDANCE WITH THE PLAN, TABLES, NOTES ON THIS SHEET AND SPECIFICATIONS.
2. REFER TO SHEET G-5 TO SHEET G-9 FOR EXISTING CONDITIONS.
3. EXISTING PAVEMENT SECTION THICKNESSES WERE ESTIMATED BASED ON GEOTECHNICAL INVESTIGATION BORE THICKNESSES AND HISTORICAL PLANS. CONTRACTOR SHALL SATISFY THEMSELVES OF THICKNESSES PROVIDED ON BORE LOGS AND CORRESPONDING LOCATIONS. REFER TO BORE LOG TABLE ON SHEET G-4 AND GEOTECHNICAL BORE LOGS ON SHEET G-10 TO SHEET G-12.
4. SAWCUT A STRAIGHT, CLEAN VERTICAL EDGE AT ALL PAVEMENT OR SIDEWALK TIE-IN LOCATIONS. SAWCUT OR METHOD USED TO CREATE CLEAN EDGE SHALL NOT CAUSE DAMAGE TO ADJACENT ASPHALT OR CONCRETE PAVEMENT TO REMAIN. PAVEMENT SAWING INCIDENTAL TO COLD MILLING OR PAVEMENT REMOVAL BID ITEMS.
5. REFER TO SHEET M-6 TO SHEET M-7 FOR MARKING REMOVAL PLAN.
6. CONTRACTOR SHALL LOCATE AND PROTECT EXISTING UTILITIES PRIOR TO EXCAVATION.
7. DO NOT DISTURB EXISTING UTILITIES INCLUDING SANITARY SEWER, STORM SEWER, WATER VALVES, TELECOMMUNICATION, AND ELECTRICAL MANHOLES TO REMAIN.
8. COLD MILL/REMOVE EXISTING ASPHALT PAVEMENT. ALL WORK TO COLD MILL/REMOVE AND DISPOSE OF EXISTING ASPHALT OFF AIRPORT PROPERTY SHALL BE INCLUDED IN "COLD MILLING (0 INCHES TO 2 INCHES)".
9. REMOVE EXISTING ASPHALT PAVEMENT FULL DEPTH. DEPTH OF EXISTING ASPHALT PAVEMENT AT THIS LOCATION IS ANTICIPATED TO BE 6 INCHES THICK. ASPHALT REMOVAL INCLUDING SAWCUTTING, IF REQUIRED, AND DISPOSING OF REMOVED MATERIAL OFFSITE SHALL BE PAID AS "FULL DEPTH PAVEMENT REMOVAL: TAXIWAY 'T' (APPROX. 6 INCHES THICK)".
10. REMOVE LIGHTS, SIGNS, AND BASES IN ACCORDANCE WITH THE PLAN, TABLES, NOTES ON THIS SHEET AND SPECIFICATIONS.
11. DEACTIVATE AND DISCONNECT CIRCUITS AS REQUIRED IN THE ELECTRICAL VAULT PRIOR TO REMOVAL OF LIGHTS OR SIGNS. ALL CIRCUIT DEACTIVATION SHALL BE COORDINATED WITH THE PHASING REQUIREMENTS AND WITH THE AIRPORT. TEMPORARY CONNECTIONS SHALL BE USED TO KEEP TAXIWAY EDGE LIGHTING ACTIVE DURING PHASED INSTALLATION AND REMOVAL.
12. REFER TO SHEET E-13 FOR ELECTRICAL VAULT PLAN & DETAILS.
13. EXISTING DIRECT BURY CABLE CALLED OUT ON THIS SHEET OR ENCOUNTERED SHALL BE ABANDONED IN PLACE.
14. BASE MOUNTED AIRFIELD SIGNAGE (EQUIPMENT ONLY) SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF AIRPORT PROPERTY. IF OWNER ELECTS TO RETAIN ANY SIGNS FOR SPARE PARTS, CONTRACTOR SHALL HAND REMOVED SIGN EQUIPMENT OVER TO OWNER. REFER TO ELECTRICAL DETAILS ON SHEET E-12. SEE PICTURE ON SHEET R-7. EXISTING CONCRETE BASE WITH STEEL CAN SHALL REMAIN IN PLACE, UNDAMAGED, TO BE REUSED WITH THE NEW LIGHT EQUIPMENT. EXISTING DIRECT BURY CABLE TO BE ABANDONED. ALL WORK TO REMOVE BASE MOUNTED TAXIWAY EDGE LIGHTS AND REUSE CONCRETE BASE WITH STEEL CAN SHALL BE INCLUDED IN "REMOVE EXISTING TAXIWAY SIGN AND REUSE FOUNDATION".
15. BASE MOUNTED TAXIWAY EDGE LIGHTS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF AIRPORT PROPERTY. REFER TO ELECTRICAL DETAILS ON SHEET E-7 TO SHEET E-8. SEE PICTURE ON SHEET R-7. EXISTING CONCRETE BASE WITH STEEL CAN SHALL BE REMOVED AND DISPOSED OF OFF AIRPORT PROPERTY. FILL ALL VOIDS PER REQUIREMENTS OF P-152 IN THE SPECIFICATIONS. ALL WORK TO REMOVE AND DISPOSE OF BASE MOUNTED TAXIWAY EDGE LIGHTS AND CONCRETE BASE WITH STEEL CAN SHALL BE INCLUDED IN "REMOVE BASE MOUNTED TAXIWAY EDGE LIGHT".
16. STAKE MOUNTED TAXIWAY EDGE LIGHTS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF AIRPORT PROPERTY. REFER TO ELECTRICAL DETAILS ON SHEET E-7 TO SHEET E-8. SEE PICTURE ON SHEET R-7. ALL WORK REQUIRED TO REMOVE AND DISPOSE OF STAKE MOUNTED TAXIWAY EDGE LIGHTS SHALL BE INCLUDED IN "REMOVE STAKE MOUNTED TAXIWAY EDGE LIGHT".
17. EXISTING DUCTS AND DUCT MARKERS ENCOUNTERED SHALL BE PROTECTED IN PLACE.
18. REFER TO SHEET G-4 FOR ALIGNMENT CONTROL.
19. FULL DEPTH RECLAMATION REMOVAL SEQUENCE OF EVENTS SHALL BE INCLUDED IN "IN-PLACE FULL DEPTH RECLAMATION (FDR) RECYCLED ASPHALT AGGREGATE BASE COURSE (8" THICK)".
    19.1. CONTRACTOR TO REMOVE ALL ORGANIC MATERIAL (GRASS) PROTRUDING FROM EXISTING PAVEMENT CRACKS TO ENSURE NO ORGANICS ARE MIXED INTO THE FDR PRIOR TO PULVERIZATION.
    19.2. CONTRACTOR TO PULVERIZE ASPHALT PAVEMENT, BASE, AND SUBGRADE TO A MINIMUM DEPTH OF 8" BELOW FINISHED GRADE, ENSURING THE ENTIRE ASPHALT LAYER (THICKNESS VARIES) IS PULVERIZED. REFER TO PLAN VIEW FOR LIMITS OF ASPHALT PAVEMENT PULVERIZATION.
20. ALL ELECTRICAL WORK INCLUDED IN BASE BID.

NOT FOR CONSTRUCTION



LEGEND

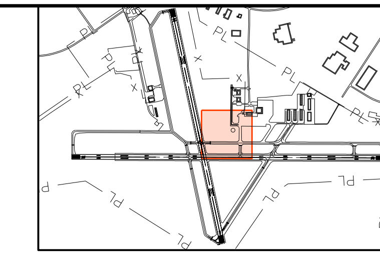
(pink)	COLD MILL ASPHALT PAVEMENT (0 INCHES TO 2 INCHES)
(crosshatch)	REMOVE ASPHALT PAVEMENT (FULL DEPTH)
(cyan)	FULL DEPTH RECLAMATION - PULVERIZATION (DEPTH VARIES)
UGE	DIRECT BURY CABLE (TO BE ABANDONED)
	EXISTING DRAINAGE STRUCTURE TO REMAIN
ST	EXISTING STORM SEWER TO REMAIN
	EXISTING TAXIWAY SIGN

FULL DEPTH PAVEMENT REMOVAL

NO.	BID SECTION	BID ITEM	UNIT	QUANTITY
1	BASE BID 1-7	FULL DEPTH PAVEMENT REMOVAL (THICKNESS VARIES)	S.Y.	1,391
2	ALT A-1	FULL DEPTH PAVEMENT REMOVAL (THICKNESS VARIES)	S.Y.	392
3	ALT B-2	FULL DEPTH PAVEMENT REMOVAL (THICKNESS VARIES)	S.Y.	1,481

FULL DEPTH RECLAMATION

NO.	BID SECTION	BID ITEM	UNIT	QUANTITY
1	ALT A-3	IN-PLACE FULL DEPTH RECLAMATION (FDR) RECYCLED ASPHALT AGGREGATE BASE COURSE (8 INCHES THICK)	S.Y.	1,820
2	ALT B-1	IN-PLACE FULL DEPTH RECLAMATION (FDR) RECYCLED ASPHALT AGGREGATE BASE COURSE (8 INCHES THICK)	S.Y.	4,079



KEY MAP

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

DATE APRIL 2025

REMOVAL PLAN - SHEET 3

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

GEORGIA REGISTERED No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY 04/16/2025

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL DESIGNED BY: KRT REVIEWED BY: AWB QUANTITIES CHECKED BY: AKM

SHEET 30/96 DRAWING NO. R-3

NOT FOR CONSTRUCTION

FULL DEPTH PAVEMENT REMOVAL (#)

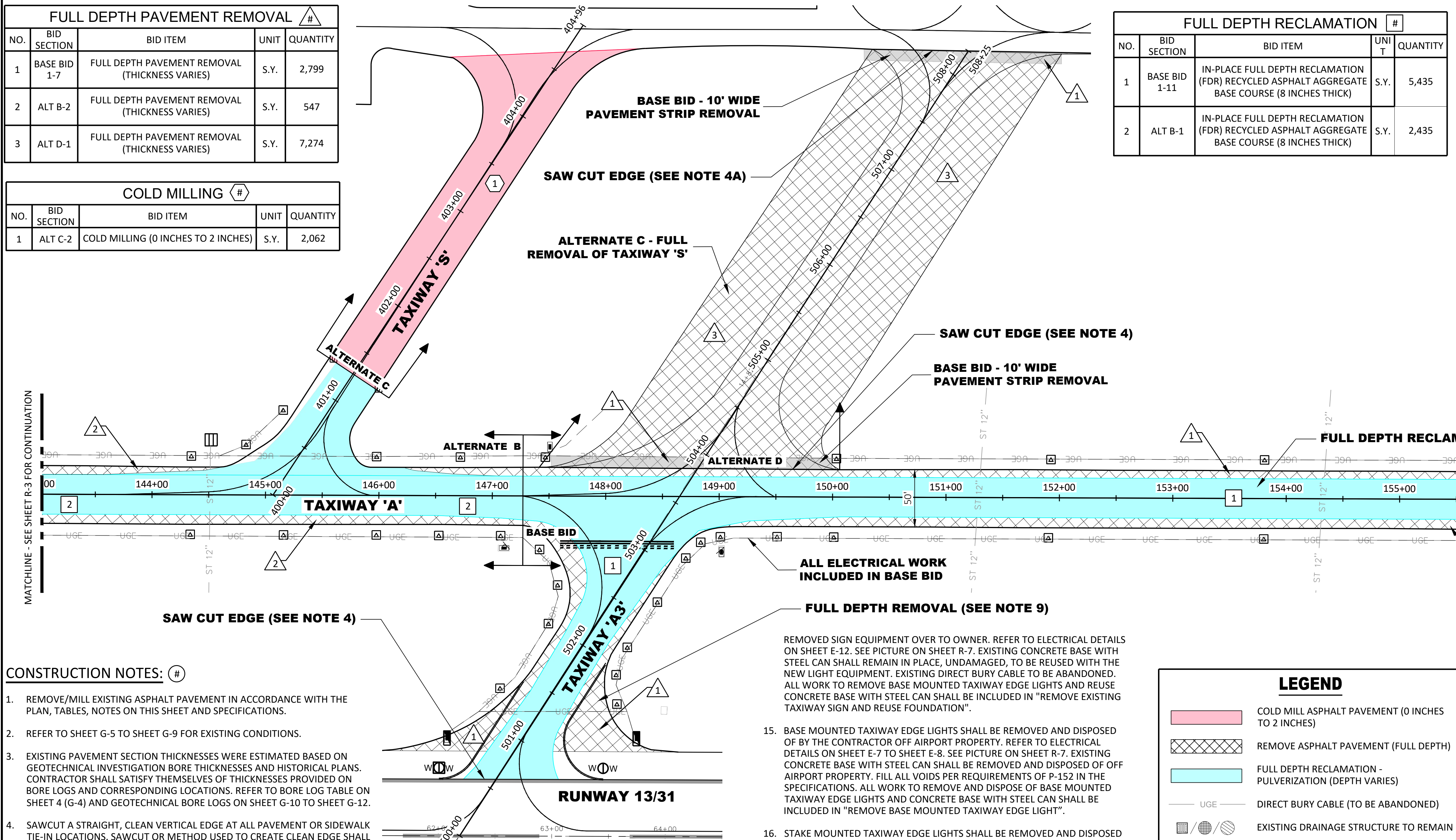
NO.	BID SECTION	BID ITEM	UNIT	QUANTITY
1	BASE BID 1-7	FULL DEPTH PAVEMENT REMOVAL (THICKNESS VARIES)	S.Y.	2,799
2	ALT B-2	FULL DEPTH PAVEMENT REMOVAL (THICKNESS VARIES)	S.Y.	547
3	ALT D-1	FULL DEPTH PAVEMENT REMOVAL (THICKNESS VARIES)	S.Y.	7,274

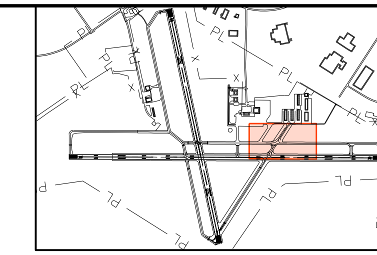
COLD MILLING (#)

NO.	BID SECTION	BID ITEM	UNIT	QUANTITY
1	ALT C-2	COLD MILLING (0 INCHES TO 2 INCHES)	S.Y.	2,062

FULL DEPTH RECLAMATION (#)

NO.	BID SECTION	BID ITEM	UNIT	QUANTITY
1	BASE BID 1-11	IN-PLACE FULL DEPTH RECLAMATION (FDR) RECYCLED ASPHALT AGGREGATE BASE COURSE (8 INCHES THICK)	S.Y.	5,435
2	ALT B-1	IN-PLACE FULL DEPTH RECLAMATION (FDR) RECYCLED ASPHALT AGGREGATE BASE COURSE (8 INCHES THICK)	S.Y.	2,435





CONSTRUCTION NOTES: (#)

1. REMOVE/MILL EXISTING ASPHALT PAVEMENT IN ACCORDANCE WITH THE PLAN, TABLES, NOTES ON THIS SHEET AND SPECIFICATIONS.
2. REFER TO SHEET G-5 TO SHEET G-9 FOR EXISTING CONDITIONS.
3. EXISTING PAVEMENT SECTION THICKNESSES WERE ESTIMATED BASED ON GEOTECHNICAL INVESTIGATION BORE THICKNESSES AND HISTORICAL PLANS. CONTRACTOR SHALL SATISFY THEMSELVES OF THICKNESSES PROVIDED ON BORE LOGS AND CORRESPONDING LOCATIONS. REFER TO BORE LOG TABLE ON SHEET 4 (G-4) AND GEOTECHNICAL BORE LOGS ON SHEET G-10 TO SHEET G-12.
4. SAWCUT A STRAIGHT, CLEAN VERTICAL EDGE AT ALL PAVEMENT OR SIDEWALK TIE-IN LOCATIONS. SAWCUT OR METHOD USED TO CREATE CLEAN EDGE SHALL NOT CAUSE DAMAGE TO ADJACENT ASPHALT OR CONCRETE PAVEMENT TO REMAIN. PAVEMENT SAWING INCIDENTAL TO COLD MILLING OR PAVEMENT REMOVAL BID ITEMS.
   4.1. UNDER THE BASE BID, THE CONTRACTOR SHALL SAW CUT AND REMOVE A 10' WIDE SEGMENT OF PAVEMENT, ISOLATING TAXIWAY S PAVEMENT FOR DE-COMISSIONING, TO REDUCE RISK OF RUNWAY INCURSIONS. AREA SHALL BE FILLED IN WITH SOIL AND SEEDED. IF ALTERNATE IS SELECTED FOR THE FULL REMOVAL OF TAXIWAY 'S', THE SAW CUT LENGTH SHALL BE REDUCED.
5. REFER TO SHEET M-6 TO SHEET M-7 FOR MARKING REMOVAL PLAN.
6. CONTRACTOR SHALL LOCATE AND PROTECT EXISTING UTILITIES PRIOR TO EXCAVATION.
7. DO NOT DISTURB EXISTING UTILITIES INCLUDING SANITARY SEWER, STORM SEWER, WATER VALVES, TELECOMMUNICATION, AND ELECTRICAL MANHOLES TO REMAIN.
8. COLD MILL/REMOVE EXISTING ASPHALT PAVEMENT. ALL WORK TO COLD MILL/REMOVE AND DISPOSE OF EXISTING ASPHALT OFF AIRPORT PROPERTY SHALL BE INCLUDED IN "COLD MILLING (0 INCHES TO 2 INCHES)".
9. REMOVE EXISTING ASPHALT PAVEMENT FULL DEPTH. DEPTH OF EXISTING ASPHALT PAVEMENT AT THIS LOCATION IS ANTICIPATED TO BE 16 INCHES THICK. ASPHALT REMOVAL INCLUDING SAWCUTTING, IF REQUIRED, AND DISPOSING OF REMOVED MATERIAL OFFSITE SHALL BE PAID AS "FULL DEPTH PAVEMENT REMOVAL: TAXIWAY 'S' (APPROXIMATELY 16 INCHES THICK)" OR "FULL DEPTH PAVEMENT REMOVAL: TAXIWAY SHOULDERS (THICKNESS VARIES)".
10. REMOVE LIGHTS, SIGNS, AND BASES IN ACCORDANCE WITH THE PLAN, TABLES, NOTES ON THIS SHEET AND SPECIFICATIONS.
11. DEACTIVATE AND DISCONNECT CIRCUITS AS REQUIRED IN THE ELECTRICAL VAULT PRIOR TO REMOVAL OF LIGHTS OR SIGNS. ALL CIRCUIT DEACTIVATION SHALL BE COORDINATED WITH THE PHASING REQUIREMENTS AND WITH THE AIRPORT. TEMPORARY CONNECTIONS SHALL BE USED TO KEEP TAXIWAY EDGE LIGHTING ACTIVE DURING PHASED INSTALLATION AND REMOVAL.
12. REFER TO SHEET E-13 FOR ELECTRICAL VAULT PLAN & DETAILS.
13. EXISTING DIRECT BURY CABLE CALLED OUT ON THIS SHEET OR ENCOUNTERED SHALL BE ABANDONED IN PLACE.
14. BASE MOUNTED AIRFIELD SIGNAGE (EQUIPMENT ONLY) SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF AIRPORT PROPERTY. IF OWNER ELECTS TO RETAIN ANY SIGNS FOR SPARE PARTS, CONTRACTOR SHALL HAND REMOVED SIGN EQUIPMENT OVER TO OWNER. REFER TO ELECTRICAL DETAILS ON SHEET E-12. SEE PICTURE ON SHEET R-7. EXISTING CONCRETE BASE WITH STEEL CAN SHALL REMAIN IN PLACE, UNDAMAGED, TO BE REUSED WITH THE NEW LIGHT EQUIPMENT. EXISTING DIRECT BURY CABLE TO BE ABANDONED. ALL WORK TO REMOVE BASE MOUNTED TAXIWAY EDGE LIGHTS AND REUSE CONCRETE BASE WITH STEEL CAN SHALL BE INCLUDED IN "REMOVE EXISTING TAXIWAY SIGN AND REUSE FOUNDATION".
15. BASE MOUNTED TAXIWAY EDGE LIGHTS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF AIRPORT PROPERTY. REFER TO ELECTRICAL DETAILS ON SHEET E-7 TO SHEET E-8. SEE PICTURE ON SHEET R-7. EXISTING CONCRETE BASE WITH STEEL CAN SHALL BE REMOVED AND DISPOSED OF OFF AIRPORT PROPERTY. FILL ALL VOIDS PER REQUIREMENTS OF P-152 IN THE SPECIFICATIONS. ALL WORK TO REMOVE AND DISPOSE OF BASE MOUNTED TAXIWAY EDGE LIGHTS AND CONCRETE BASE WITH STEEL CAN SHALL BE INCLUDED IN "REMOVE BASE MOUNTED TAXIWAY EDGE LIGHT".
16. STAKE MOUNTED TAXIWAY EDGE LIGHTS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF AIRPORT PROPERTY. REFER TO ELECTRICAL DETAILS ON SHEET E-7 TO SHEET E-8. SEE PICTURE ON SHEET R-7. ALL WORK REQUIRED TO REMOVE AND DISPOSE OF STAKE MOUNTED TAXIWAY EDGE LIGHTS SHALL BE INCLUDED IN "REMOVE STAKE MOUNTED TAXIWAY EDGE LIGHT".
17. EXISTING DUCTS AND DUCT MARKERS ENCOUNTERED SHALL BE PROTECTED IN PLACE.
18. REFER TO SHEET G-4 FOR ALIGNMENT CONTROL.
19. FULL DEPTH RECLAMATION REMOVAL SEQUENCE OF EVENTS SHALL BE INCLUDED IN "IN-PLACE FULL DEPTH RECLAMATION (FDR) RECYCLED ASPHALT AGGREGATE BASE COURSE (8" THICK)".
   19.1. CONTRACTOR TO REMOVE ALL ORGANIC MATERIAL (GRASS) PROTRUDING FROM EXISTING PAVEMENT CRACKS TO ENSURE NO ORGANICS ARE MIXED INTO THE FDR PRIOR TO PULVERIZATION.
   19.2. CONTRACTOR TO PULVERIZE ASPHALT PAVEMENT, BASE, AND SUBGRADE TO A MINIMUM DEPTH OF 8" BELOW FINISHED GRADE, ENSURING THE ENTIRE ASPHALT LAYER (THICKNESS VARIES) IS PULVERIZED. REFER TO PLAN VIEW FOR LIMITS OF ASPHALT PAVEMENT PULVERIZATION.
20. ALL ELECTRICAL WORK INCLUDED IN BASE BID.

LEGEND

(pink fill)	COLD MILL ASPHALT PAVEMENT (0 INCHES TO 2 INCHES)
(cross-hatch)	REMOVE ASPHALT PAVEMENT (FULL DEPTH)
(cyan fill)	FULL DEPTH RECLAMATION - PULVERIZATION (DEPTH VARIES)
— UGE —	DIRECT BURY CABLE (TO BE ABANDONED)
(symbols)	EXISTING DRAINAGE STRUCTURE TO REMAIN
— ST —	EXISTING STORM SEWER TO REMAIN
(symbol)	EXISTING TAXIWAY SIGN

0 50 100 150
HORIZONTAL SCALE IN FEET

GEORGIA REGISTERED No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY 04/16/2025

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

REMOVAL PLAN - SHEET 4

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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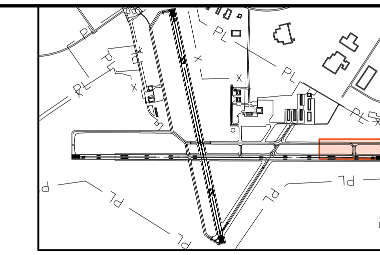
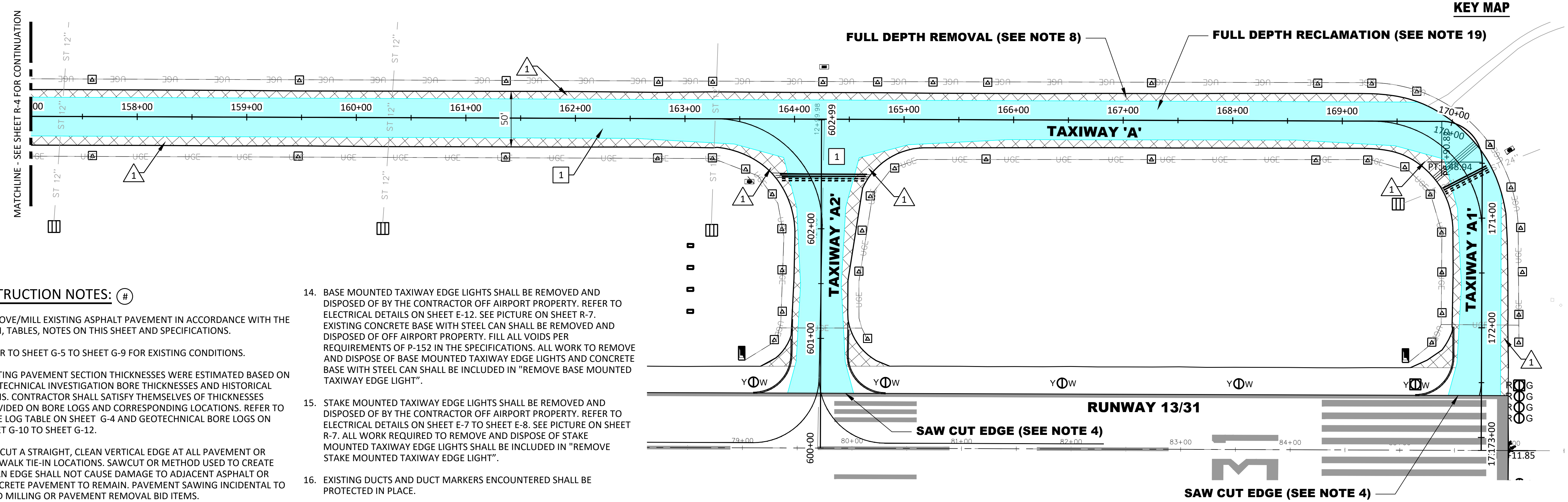
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: AKM | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

NOT FOR CONSTRUCTION





CONSTRUCTION NOTES: (#)

1. REMOVE/MILL EXISTING ASPHALT PAVEMENT IN ACCORDANCE WITH THE PLAN, TABLES, NOTES ON THIS SHEET AND SPECIFICATIONS.
2. REFER TO SHEET G-5 TO SHEET G-9 FOR EXISTING CONDITIONS.
3. EXISTING PAVEMENT SECTION THICKNESSES WERE ESTIMATED BASED ON GEOTECHNICAL INVESTIGATION BORE THICKNESSES AND HISTORICAL PLANS. CONTRACTOR SHALL SATISFY THEMSELVES OF THICKNESSES PROVIDED ON BORE LOGS AND CORRESPONDING LOCATIONS. REFER TO BORE LOG TABLE ON SHEET G-4 AND GEOTECHNICAL BORE LOGS ON SHEET G-10 TO SHEET G-12.
4. SAWCUT A STRAIGHT, CLEAN VERTICAL EDGE AT ALL PAVEMENT OR SIDEWALK TIE-IN LOCATIONS. SAWCUT OR METHOD USED TO CREATE CLEAN EDGE SHALL NOT CAUSE DAMAGE TO ADJACENT ASPHALT OR CONCRETE PAVEMENT TO REMAIN. PAVEMENT SAWING INCIDENTAL TO COLD MILLING OR PAVEMENT REMOVAL BID ITEMS.
5. REFER TO SHEET M-6 TO SHEET M-7 FOR MARKING REMOVAL PLAN.
6. CONTRACTOR SHALL LOCATE AND PROTECT EXISTING UTILITIES PRIOR TO EXCAVATION.
7. DO NOT DISTURB EXISTING UTILITIES INCLUDING SANITARY SEWER, STORM SEWER, WATER VALVES, TELECOMMUNICATION, AND ELECTRICAL MANHOLES TO REMAIN.
8. REMOVE EXISTING ASPHALT PAVEMENT FULL DEPTH. ASPHALT REMOVAL INCLUDING SAWCUTTING, IF REQUIRED, AND DISPOSING OF REMOVED MATERIAL OFFSITE SHALL BE PAID AS "FULL DEPTH PAVEMENT REMOVAL: TAXIWAY SHOULDERS (THICKNESS VARIES)".
9. REMOVE LIGHTS, SIGNS, AND BASES IN ACCORDANCE WITH THE PLAN, TABLES, NOTES ON THIS SHEET AND SPECIFICATIONS.
10. DEACTIVATE AND DISCONNECT CIRCUITS AS REQUIRED IN THE ELECTRICAL VAULT PRIOR TO REMOVAL OF LIGHTS OR SIGNS. ALL CIRCUIT DEACTIVATION SHALL BE COORDINATED WITH THE PHASING REQUIREMENTS AND WITH THE AIRPORT. TEMPORARY CONNECTIONS SHALL BE USED TO KEEP TAXIWAY EDGE LIGHTING ACTIVE DURING PHASED INSTALLATION AND REMOVAL.
11. REFER TO SHEET E-13 FOR ELECTRICAL VAULT PLAN & DETAILS.
12. EXISTING DIRECT BURY CABLE CALLED OUT ON THIS SHEET OR ENCOUNTERED SHALL BE ABANDONED IN PLACE.
13. BASE MOUNTED AIRFIELD SIGNAGE (EQUIPMENT ONLY) SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF AIRPORT PROPERTY. IF OWNER ELECTS TO RETAIN ANY SIGNS FOR SPARE PARTS, CONTRACTOR SHALL HAND REMOVED SIGN EQUIPMENT OVER TO OWNER. REFER TO ELECTRICAL DETAILS ON SHEET E-7 TO SHEET E-8. SEE PICTURE ON SHEET R-7. EXISTING CONCRETE BASE WITH STEEL CAN SHALL REMAIN IN PLACE, UNDAMAGED, TO BE REUSED WITH THE NEW LIGHT EQUIPMENT. EXISTING DIRECT BURY CABLE TO BE ABANDONED. ALL WORK TO REMOVE BASE MOUNTED TAXIWAY EDGE LIGHTS AND REUSE CONCRETE BASE WITH STEEL CAN SHALL BE INCLUDED IN "REMOVE EXISTING TAXIWAY SIGN AND REUSE FOUNDATION".
14. BASE MOUNTED TAXIWAY EDGE LIGHTS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF AIRPORT PROPERTY. REFER TO ELECTRICAL DETAILS ON SHEET E-12. SEE PICTURE ON SHEET R-7. EXISTING CONCRETE BASE WITH STEEL CAN SHALL BE REMOVED AND DISPOSED OF OFF AIRPORT PROPERTY. FILL ALL VOIDS PER REQUIREMENTS OF P-152 IN THE SPECIFICATIONS. ALL WORK TO REMOVE AND DISPOSE OF BASE MOUNTED TAXIWAY EDGE LIGHTS AND CONCRETE BASE WITH STEEL CAN SHALL BE INCLUDED IN "REMOVE BASE MOUNTED TAXIWAY EDGE LIGHT".
15. STAKE MOUNTED TAXIWAY EDGE LIGHTS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF AIRPORT PROPERTY. REFER TO ELECTRICAL DETAILS ON SHEET E-7 TO SHEET E-8. SEE PICTURE ON SHEET R-7. ALL WORK REQUIRED TO REMOVE AND DISPOSE OF STAKE MOUNTED TAXIWAY EDGE LIGHTS SHALL BE INCLUDED IN "REMOVE STAKE MOUNTED TAXIWAY EDGE LIGHT".
16. EXISTING DUCTS AND DUCT MARKERS ENCOUNTERED SHALL BE PROTECTED IN PLACE.
17. REFER TO SHEET G-4 FOR ALIGNMENT CONTROL.
18. FULL DEPTH RECLAMATION REMOVAL SEQUENCE OF EVENTS SHALL BE INCLUDED IN "IN-PLACE FULL DEPTH RECLAMATION (FDR) RECYCLED ASPHALT AGGREGATE BASE COURSE (8" THICK)".
    - 18.1. CONTRACTOR TO REMOVE ALL ORGANIC MATERIAL (GRASS) PROTRUDING FROM EXISTING PAVEMENT CRACKS TO ENSURE NO ORGANICS ARE MIXED INTO THE FDR PRIOR TO PULVERIZATION.
    - 18.2. CONTRACTOR TO PULVERIZE ASPHALT PAVEMENT, BASE, AND SUBGRADE TO A MINIMUM DEPTH OF 8" BELOW FINISHED GRADE, ENSURING THE ENTIRE ASPHALT LAYER (THICKNESS VARIES) IS PULVERIZED. REFER TO PLAN VIEW FOR LIMITS OF ASPHALT PAVEMENT PULVERIZATION.
19. ALL ELECTRICAL WORK INCLUDED IN BASE BID.

FULL DEPTH PAVEMENT REMOVAL (1)

NO.	BID SECTION	BID ITEM	UNIT	QUANTITY
1	BASE BID 1-7	FULL DEPTH PAVEMENT REMOVAL (THICKNESS VARIES)	S.Y.	2,658

FULL DEPTH RECLAMATION (#)

NO.	BID SECTION	BID ITEM	UNIT	QUANTITY
1	BASE BID 1-11	IN-PLACE FULL DEPTH RECLAMATION (FDR) RECYCLED ASPHALT AGGREGATE BASE COURSE (8 INCHES THICK)	S.Y.	7,570

LEGEND

- COLD MILL ASPHALT PAVEMENT (0 INCHES TO 2 INCHES)
- REMOVE ASPHALT PAVEMENT (FULL DEPTH)
- FULL DEPTH RECLAMATION - PULVERIZATION (DEPTH VARIES)
- UGE — DIRECT BURY CABLE (TO BE ABANDONED)
- EXISTING DRAINAGE STRUCTURE TO REMAIN
- ST — EXISTING STORM SEWER TO REMAIN
- EXISTING TAXIWAY SIGN

0 50 100 150
HORIZONTAL SCALE IN FEET

GEORGIA REGISTERED No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY 04/16/2025

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

REMOVAL PLAN - SHEET 5

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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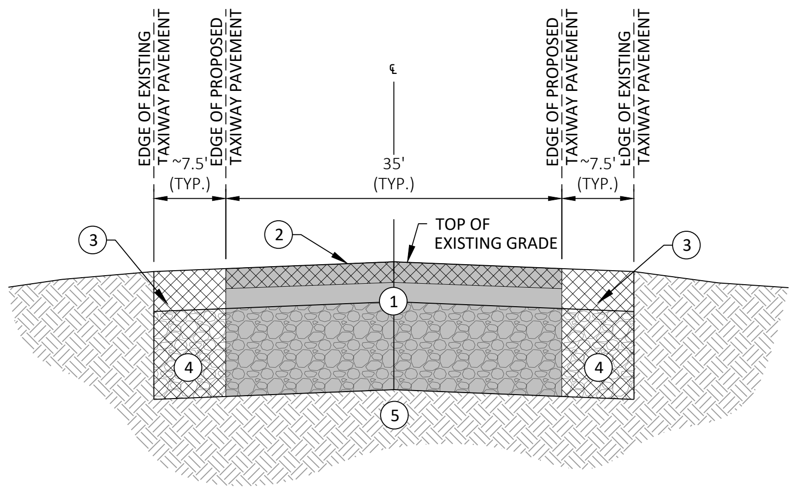
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL DESIGNED BY: KRT REVIEWED BY: AWB QUANTITIES CHECKED BY: AKM

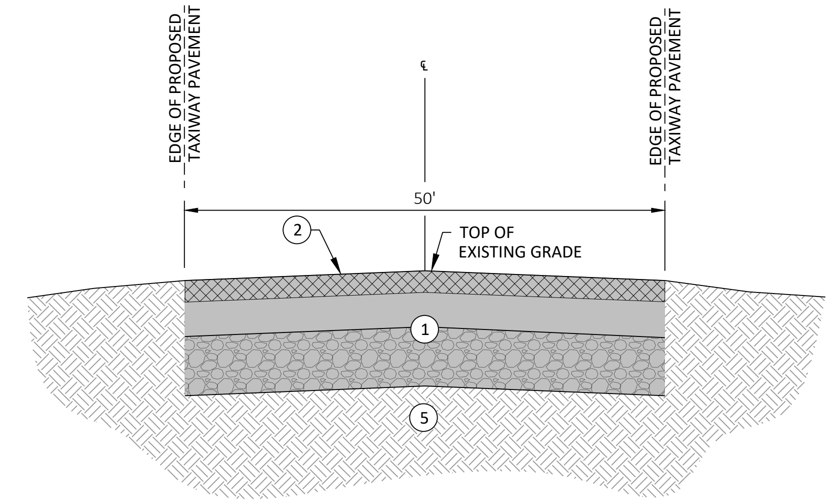
SHEET 32/96 DRAWING NO. R-5



FULL DEPTH RECLAMATION MODIFIED TAXIWAY WIDTH TYPICAL REMOVAL SECTION

CONSTRUCTION NOTES: (#)

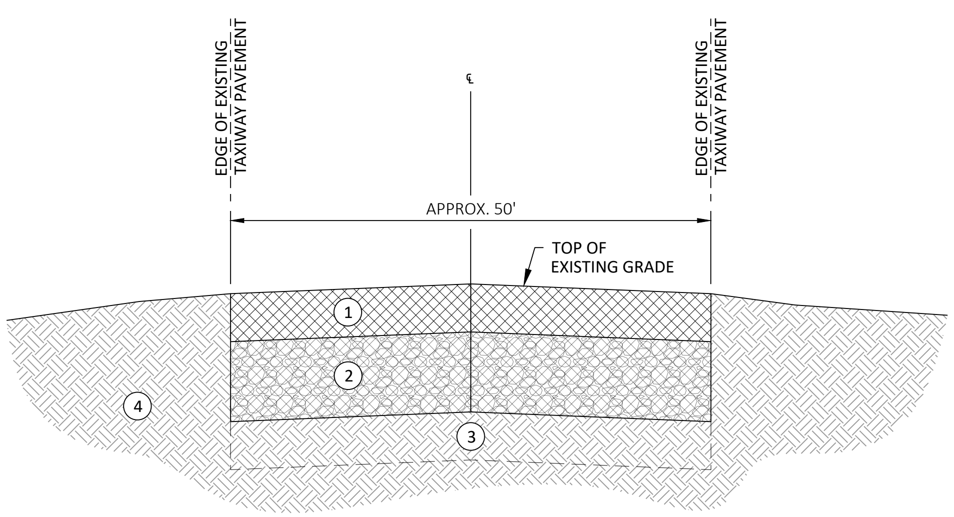
1. P-207: PULVERIZE ASPHALT PAVEMENT, BASE, AND SUBGRADE. ENSURE FULL DEPTH OF ASPHALT PAVEMENT SURFACE COURSE IS PULVERIZED. FDR WIDTH IS TYPICALLY 35' WIDE FOR STRAIGHT SECTIONS, BUT VARIES AT TURNS AND INTERSECTIONS. CONTRACTOR SHALL REFER TO THE PLANS FOR THE EXACT DIMENSIONS AND LOCATIONS OF FULL DEPTH RECLAMATION.
2. P-207: EXCESS PULVERIZED MATERIAL TO BE REMOVED AND TOP ELEVATION OF FULL DEPTH RECLAMATION BASE SHALL BE ESTABLISHED BASED ON FINAL GRADES AND ASPHALT SECTION DEPTH. ANY EXCESS MATERIAL REMOVED FROM SITE SHALL BE INCIDENTAL TO THE COST OF THE P-207. CONTRACTOR MAY UTILIZE EXCESS MATERIAL IN LIEU OF P-209 GRADED AGGREGATE BASE WITH APPROVAL BY THE RPR.
3. EXISTING ASPHALT & BASE REMOVED FULL DEPTH. SAWCUT A STRAIGHT, CLEAN VERTICAL EDGE. SAWCUT OR METHOD USED TO CREATE CLEAN EDGE SHALL NOT CAUSE DAMAGE TO ADJACENT ASPHALT PAVEMENT TO REMAIN. PAVEMENT SAWING INCIDENTAL TO PAVEMENT REMOVAL. AREAS SHALL BE BACKFILLED, COMPACTED, TOPSOILED, AND SEEDED TO THE STANDARD OF FAA REQUIREMENTS FOR TAXIWAY SHOULDERS.
4. EXISTING BASE COURSE TO BE REMOVED. AN AVERAGE OF 16" DEPTH OF REMOVAL IS ESTIMATED FOR THE PROJECT QUANTITIES, ACTUAL DEPTH VARIES. REFER TO G-4 FOR EXISTING PAVEMENT DEPTHS.
5. EXISTING SUBGRADE UNDER FULL DEPTH RECLAMATION NOT TO BE EXPOSED.



FULL DEPTH RECLAMATION MAINTAIN EXISTING TAXIWAY WIDTH TYPICAL REMOVAL SECTION

CONSTRUCTION NOTES: (#)

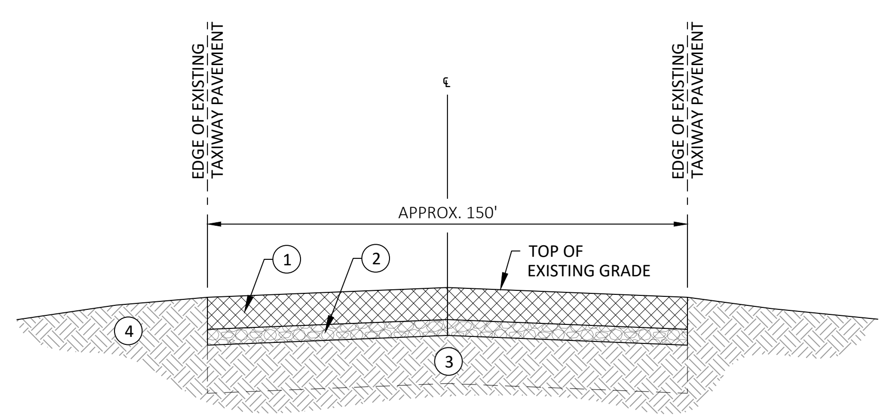
1. P-207: PULVERIZE ASPHALT PAVEMENT, BASE, AND SUBGRADE. ENSURE FULL DEPTH OF ASPHALT PAVEMENT SURFACE COURSE IS PULVERIZED. FDR WIDTH IS TYPICALLY 35' WIDE FOR STRAIGHT SECTIONS, BUT VARIES AT TURNS AND INTERSECTIONS. CONTRACTOR SHALL REFER TO THE PLANS FOR THE EXACT DIMENSIONS AND LOCATIONS OF FULL DEPTH RECLAMATION.
2. P-207: EXCESS PULVERIZED MATERIAL TO BE REMOVED AND TOP ELEVATION OF FULL DEPTH RECLAMATION BASE SHALL BE ESTABLISHED BASED ON FINAL GRADES AND ASPHALT SECTION DEPTH. ANY EXCESS MATERIAL REMOVED FROM SITE SHALL BE INCIDENTAL TO THE COST OF THE P-207. CONTRACTOR MAY UTILIZE EXCESS MATERIAL IN LIEU OF P-209 GRADED AGGREGATE BASE WITH APPROVAL BY THE RPR.
3. EXISTING SUB GRADE NOT TO BE EXPOSED.



EXISTING TAXIWAY 'S' (NE OF TW 'A') TYPICAL REMOVAL SECTION

CONSTRUCTION NOTES: (#)

1. EXISTING ASPHALT PAVEMENT TO BE REMOVED FULL DEPTH.
2. EXISTING BASE COURSE TO BE REMOVED FULL DEPTH.
3. SCARIFY AND RE-COMPACT 6" UNDER ALL PROPOSED PAVEMENT AND PROOF ROLL PER ITEM P-152 OF THE SPECIFICATIONS, INCIDENTAL TO "UNCLASSIFIED EXCAVATION"
4. EXISTING SUB GRADE NOT TO BE EXPOSED.



EXISTING TAXIWAY 'T' (SW OF TW 'A') TYPICAL REMOVAL SECTION

CONSTRUCTION NOTES: (#)

1. EXISTING ASPHALT PAVEMENT TO BE REMOVED FULL DEPTH.
2. EXISTING BASE COURSE TO BE REMOVED FULL DEPTH.
3. SCARIFY AND RE-COMPACT 6" UNDER ALL PROPOSED PAVEMENT AND PROOF ROLL PER ITEM P-152 OF THE SPECIFICATIONS, INCIDENTAL TO "UNCLASSIFIED EXCAVATION"
4. EXISTING SUB GRADE NOT TO BE EXPOSED.

LEGEND

- Existing Asphalt Pavement To Be Pulverized and Removed
- Existing Asphalt Pavement To Be Pulverized and Remain
- Existing Base Course To Be Pulverized, Full Depth
- Existing Base Course To Be Removed, Full Depth
- Existing Subgrade Soils

GENERAL NOTES:

1. REFER TO SHEET GR-2 FOR EARTHWORK CUT/FILL QUANTITIES.
2. REFER TO SHEET P-17 FOR PAVING TYPICAL SECTIONS.
3. REFER TO SHEET G-5 TO SHEET G-9 FOR EXISTING CONDITIONS.
4. REFER TO SHEET G-10 TO SHEET G-12 FOR BORE LOGS.

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE APRIL 2025

TYPICAL REMOVAL SECTIONS

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DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

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TYPICAL EXISTING SIGN

TYPICAL EXISTING INLET

TYPICAL BASE-MOUNTED TAXIWAY EDGE LIGHT

TYPICAL STAKE-MOUNTED TAXIWAY EDGE LIGHT

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONE

NO.	REVISIONS	DATE
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
1	95% CDOT SUBMITAL	7/1/2024

PROJECT
TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

DATE
APRIL 2025

REMOVAL PHOTOS

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 34/96

DRAWING NO. R-7

Last Saved: 3/24/2025 5:12:57 PM Saved By: DLEOW Plotted: 4/10/2025 12:07 PM
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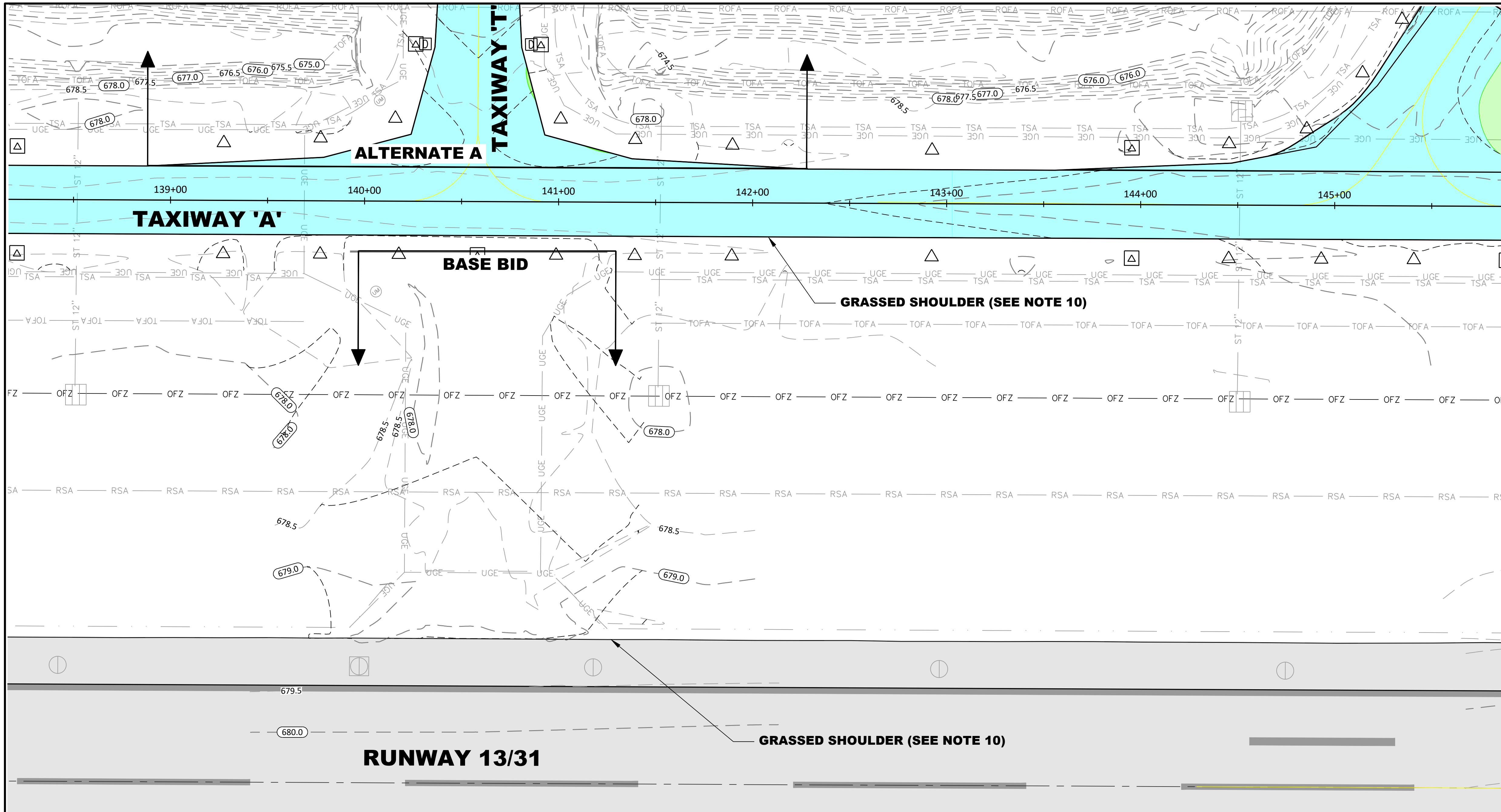

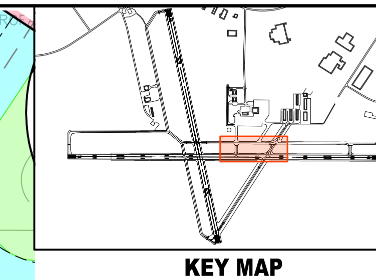

CONSTRUCTION NOTES:

1. REFER TO SHEET G-4 FOR ALIGNMENT CONTROL.
2. REFER TO SHEET G-10 TO SHEET G-12 FOR THE BORE LOGS FROM THE GEOTECHNICAL REPORT.
3. REFER TO SHEET R-3 FOR REMOVALS.
4. REFER TO SHEET EC-3 FOR EROSION CONTROL MEASURES.
5. REFER TO SHEET E-4 FOR ELECTRICAL PLANS.
6. REFER TO SHEET P-1 THROUGH SHEET P-14 FOR PAVING PLAN AND PROFILES, JOINT LAYOUT AND SPOT ELEVATIONS.
7. CONTRACTOR SHALL PERFORM GRADING FOR ALL PROPOSED AREAS IN ACCORDANCE WITH THE TYPICAL REMOVAL SECTIONS ON SHEET R-6. SEE PLAN VIEW ON THIS SHEET FOR PROPOSED PAVEMENT AREAS.
8. REFER TO EARTHWORK QUANTITY TABLE FOR ALL IN-PLACE 'UNCLASSIFIED EXCAVATION' QUANTITIES FOR THE PROJECT. PAYMENT FOR 'UNCLASSIFIED EXCAVATION' SHALL BE MADE PER THE PLAN QUANTITIES SHOWN IN THE EARTHWORK QUANTITY TABLE UNLESS CONTRACTOR IS DIRECTED BY THE RPR TO DEVIATE FROM THE GRADING PLAN AT THE TIME OF CONSTRUCTION. ALL DISCREPANCIES SHALL BE RESOLVED BY THE RPR. CONTRACTOR SHALL SATISFY THEMSELF TO THE QUANTITIES SHOWN ON THE EARTHWORK QUANTITY TABLE, BASED ON EXISTING GRADES, PROPOSED GRADES AND THE GEOTECH REPORT.
9. REMOVAL OF TAXIWAY 'T' SHALL BE COUNTED UNDER THE BASE BID.
10. GRASSED SHOULDER SHALL BE $1\frac{1}{2}$" BELOW EDGE OF PAVEMENT.
11. CONTRACTOR IS RESPONSIBLE FOR PROVIDING BEFORE AND AFTER CROSS SECTIONS OF THE PROJECT SITE IN A FORMAT SUITABLE TO GDOT FOR VERIFYING IN-PLACE QUANTITIES.

EARTHWORK QUANTITY TABLE - BASE BID - TAXIWAY 'T'

CUT (CY)	FILL (CY)	NET (CY)
201	56	145 CUT

NOTE: EARTHWORK VOLUMES ARE CALCULATED BASED ON THE TOP ELEVATION OF THE PROPOSED SURFACE COMPARED TO THE EXISTING SURFACE PROVIDED BY THE SURVEYOR. EARTHWORK QUANTITIES ARE A SIMPLIFIED ESTIMATE AND DOES NOT ACCOUNT FOR TOPSOIL DEPTH OR PAVEMENT DEPTH.

UNCLASSIFIED EXCAVATION (#)

NO.	BID SECTION	BID ITEM	UNIT	QUANTITY
1	BASE BID 1-6	UNCLASSIFIED EXCAVATION (CUT)	C.Y.	250

IN-PLACE EMBANKMENT

NO.	BID SECTION	BID ITEM	UNIT	QUANTITY
1	BASE BID 1-7	IN-PLACE EMBANKMENT (FILL)	C.Y.	3,809
2	ALT A A-2	IN-PLACE EMBANKMENT (FILL)	C.Y.	196
3	ALT B B-2	IN-PLACE EMBANKMENT (FILL)	C.Y.	1,348
4	ALT D D-2	IN-PLACE EMBANKMENT (FILL)	C.Y.	3,556

LEGEND

- PROPOSED 2" HMA OVERLAY
- PROPOSED ASPHALT PAVEMENT
- PROPOSED ASPHALT PAVEMENT WITH RECYCLED ASPHALT AGGREGATE BASE COURSE
- EXISTING ASPHALT PAVEMENT
- (679.0) PROPOSED CONTOURS

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY

0 30 60 90
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
△	95% GDOT SUBMITTAL	7/1/2024

PROJECT TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE APRIL 2025

GRADING PLAN - SHEET 1

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL DESIGNED BY: KRT REVIEWED BY: SVC QUANTITIES CHECKED BY: AKM

SHEET 35/96 DRAWING NO. GR-1

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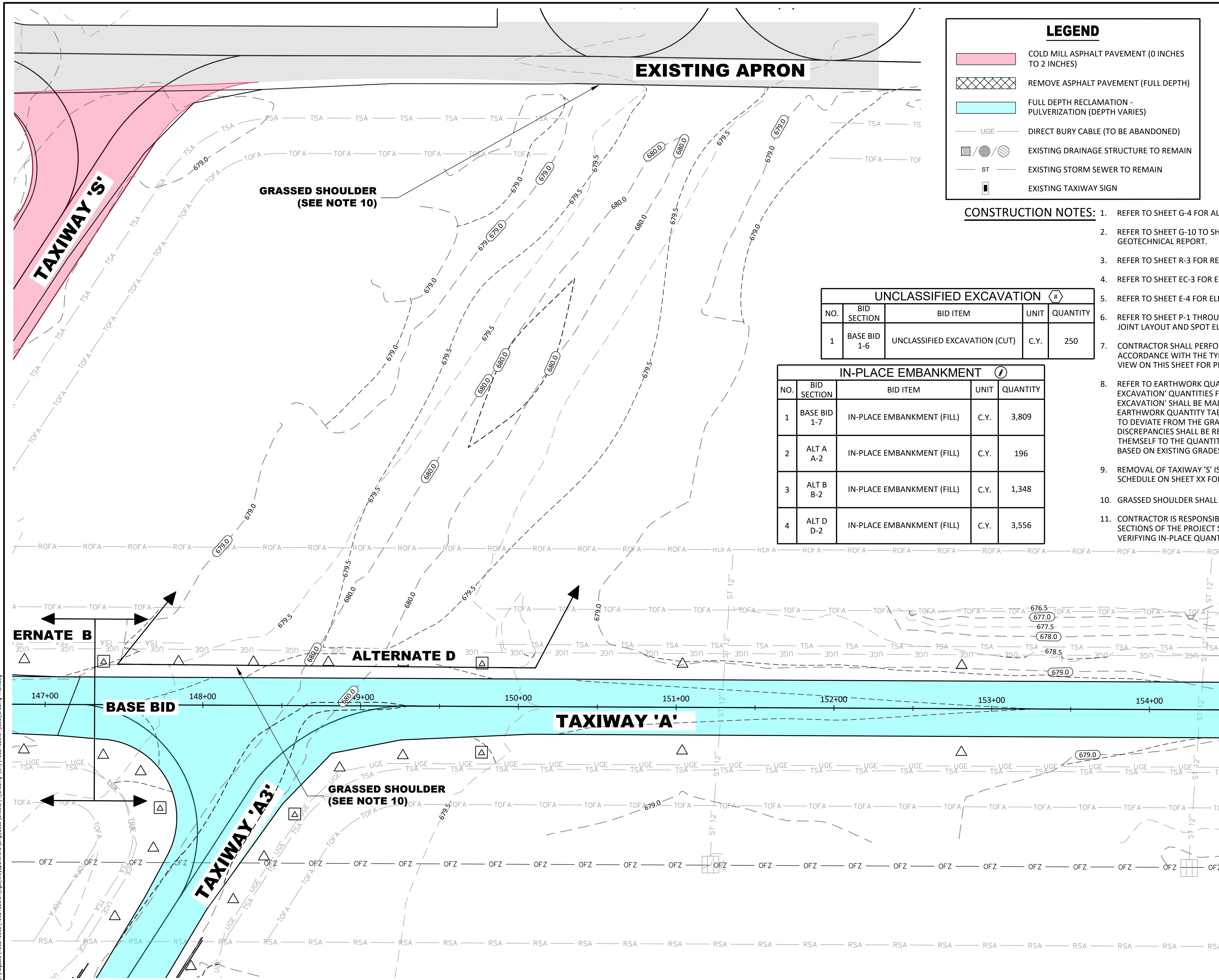
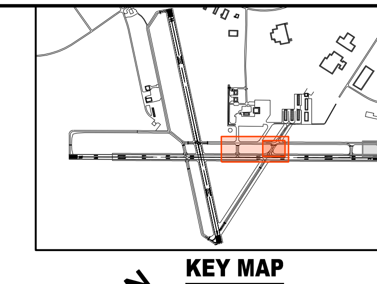


LEGEND

(pink fill)	COLD MILL ASPHALT PAVEMENT (0 INCHES TO 2 INCHES)
(crosshatch)	REMOVE ASPHALT PAVEMENT (FULL DEPTH)
(cyan fill)	FULL DEPTH RECLAMATION - PULVERIZATION (DEPTH VARIES)
— UGE —	DIRECT BURY CABLE (TO BE ABANDONED)
(symbols)	EXISTING DRAINAGE STRUCTURE TO REMAIN
— ST —	EXISTING STORM SEWER TO REMAIN
(symbol)	EXISTING TAXIWAY SIGN



CONSTRUCTION NOTES:

1. REFER TO SHEET G-4 FOR ALIGNMENT CONTROL.
2. REFER TO SHEET G-10 TO SHEET G-12 FOR THE BORE LOGS FROM THE GEOTECHNICAL REPORT.
3. REFER TO SHEET R-3 FOR REMOVALS.
4. REFER TO SHEET EC-3 FOR EROSION CONTROL MEASURES.
5. REFER TO SHEET E-4 FOR ELECTRICAL PLANS.
6. REFER TO SHEET P-1 THROUGH SHEET P-14 FOR PAVING PLAN AND PROFILES, JOINT LAYOUT AND SPOT ELEVATIONS.
7. CONTRACTOR SHALL PERFORM GRADING FOR ALL PROPOSED AREAS IN ACCORDANCE WITH THE TYPICAL REMOVAL SECTIONS ON SHEET R-6. SEE PLAN VIEW ON THIS SHEET FOR PROPOSED PAVEMENT AREAS.
8. REFER TO EARTHWORK QUANTITY TABLE FOR ALL IN-PLACE 'UNCLASSIFIED EXCAVATION' QUANTITIES FOR THE PROJECT. PAYMENT FOR 'UNCLASSIFIED EXCAVATION' SHALL BE MADE PER THE PLAN QUANTITIES SHOWN IN THE EARTHWORK QUANTITY TABLE UNLESS CONTRACTOR IS DIRECTED BY THE RPR TO DEVIATE FROM THE GRADING PLAN AT THE TIME OF CONSTRUCTION. ALL DISCREPANCIES SHALL BE RESOLVED BY THE RPR. CONTRACTOR SHALL SATISFY THEMSELF TO THE QUANTITIES SHOWN ON THE EARTHWORK QUANTITY TABLE, BASED ON EXISTING GRADES, PROPOSED GRADES AND THE GEOTECH REPORT.
9. REMOVAL OF TAXIWAY 'S' IS NOT INCLUDED IN THE BASE BID. SEE THE BID SCHEDULE ON SHEET XX FOR ALTERNATES.
10. GRASSED SHOULDER SHALL BE 1½" BELOW EDGE OF PAVEMENT.
11. CONTRACTOR IS RESPONSIBLE FOR PROVIDING BEFORE AND AFTER CROSS SECTIONS OF THE PROJECT SITE IN A FORMAT SUITABLE TO GDOT FOR VERIFYING IN-PLACE QUANTITIES.

UNCLASSIFIED EXCAVATION (#)

NO.	BID SECTION	BID ITEM	UNIT	QUANTITY
1	BASE BID 1-6	UNCLASSIFIED EXCAVATION (CUT)	C.Y.	250

IN-PLACE EMBANKMENT (7)

NO.	BID SECTION	BID ITEM	UNIT	QUANTITY
1	BASE BID 1-7	IN-PLACE EMBANKMENT (FILL)	C.Y.	3,809
2	ALT A A-2	IN-PLACE EMBANKMENT (FILL)	C.Y.	196
3	ALT B B-2	IN-PLACE EMBANKMENT (FILL)	C.Y.	1,348
4	ALT D D-2	IN-PLACE EMBANKMENT (FILL)	C.Y.	3,556

EARTHWORK QUANTITY TABLE - ALTERNATIVE D - TAXIWAY 'S'

CUT (CY)	FILL (CY)	NET (CY)
228	264	36 FILL

NOTE: EARTHWORK VOLUMES ARE CALCULATED BASED ON THE TOP ELEVATION OF THE PROPOSED SURFACE COMPARED TO THE EXISTING SURFACE PROVIDED BY THE SURVEYOR. EARTHWORK QUANTITIES ARE A SIMPLIFIED ESTIMATE AND DOES NOT ACCOUNT FOR TOPSOIL DEPTH OR PAVEMENT DEPTH.

GEORGIA REGISTERED No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY 04/16/2025

0 30 60 90
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

PROJECT TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE APRIL 2025

GRADING PLAN - SHEET 2

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: SVC | QUANTITIES CHECKED BY: AKM

SHEET 36/96
DRAWING NO. GR-2

Last Saved: 4/8/2025 8:16:10 PM Saved By: DLEONI Plotted: 4/10/2025 12:08 PM
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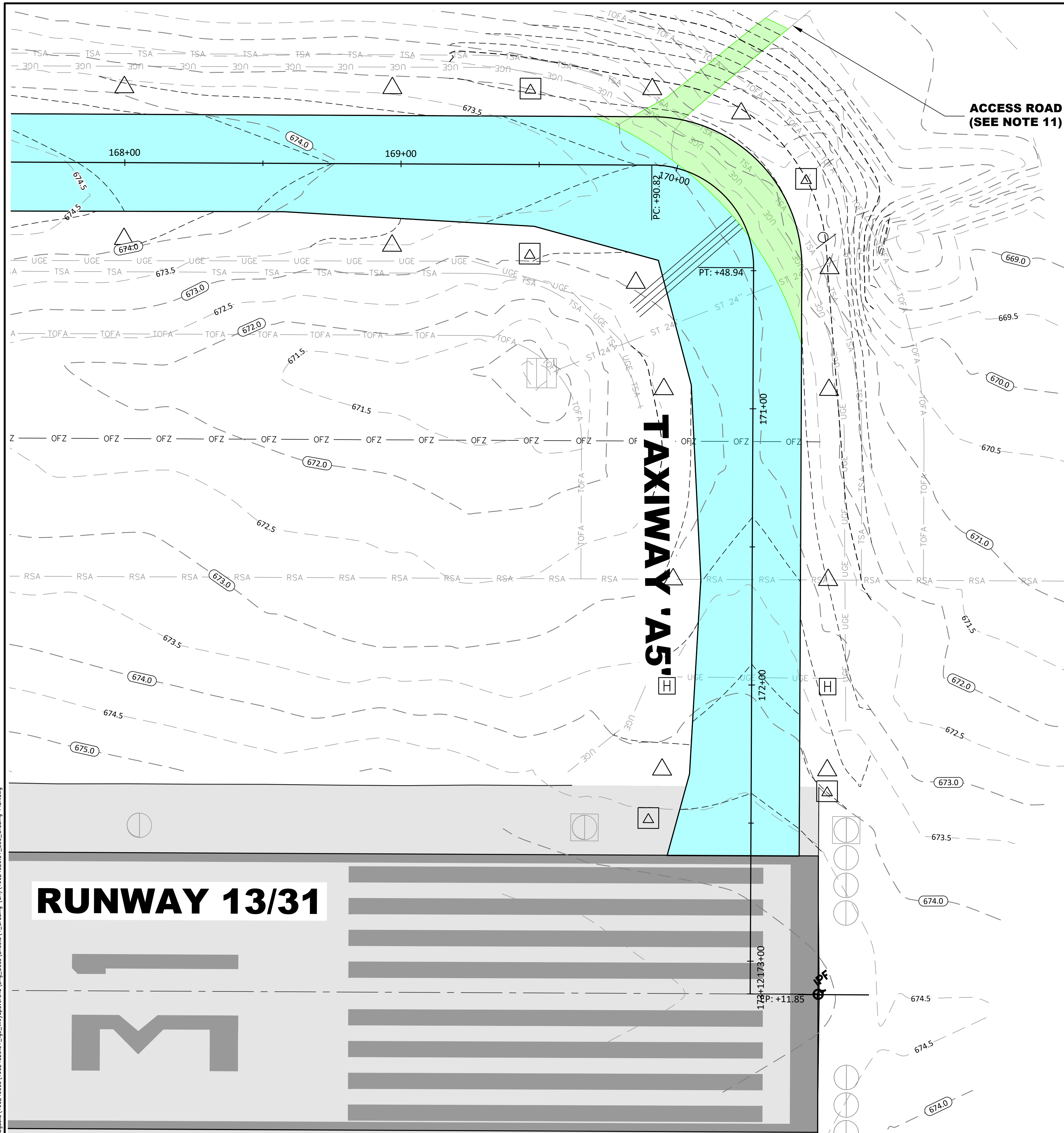
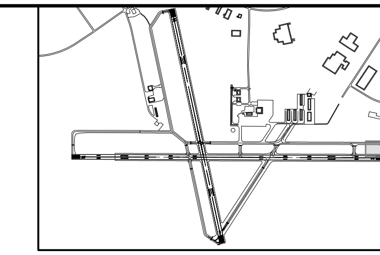
NOT FOR CONSTRUCTION



EARTHWORK QUANTITY TABLE - BASE BID - TW 'A' FILLET EMBANKMENT

CUT (CY)	FILL (CY)	NET (CY)
2	214	212 FILL

NOTE: EARTHWORK VOLUMES ARE CALCULATED BASED ON THE TOP ELEVATION OF THE PROPOSED SURFACE COMPARED TO THE EXISTING SURFACE PROVIDED BY THE SURVEYOR. EARTHWORK QUANTITIES ARE A SIMPLIFIED ESTIMATE AND DOES NOT ACCOUNT FOR TOPSOIL DEPTH OR PAVEMENT DEPTH.



KEY MAP

UNCLASSIFIED EXCAVATION

NO.	BID SECTION	BID ITEM	UNIT	QUANTITY
1	BASE BID 1-6	UNCLASSIFIED EXCAVATION (CUT)	C.Y.	250

IN-PLACE EMBANKMENT

NO.	BID SECTION	BID ITEM	UNIT	QUANTITY
1	BASE BID 1-7	IN-PLACE EMBANKMENT (FILL)	C.Y.	3,809
2	ALT A A-2	IN-PLACE EMBANKMENT (FILL)	C.Y.	196
3	ALT B B-2	IN-PLACE EMBANKMENT (FILL)	C.Y.	1,348
4	ALT D D-2	IN-PLACE EMBANKMENT (FILL)	C.Y.	3,556

CONSTRUCTION NOTES:

1. REFER TO SHEET G-4 FOR ALIGNMENT CONTROL.
2. REFER TO SHEET G-10 TO SHEET G-12 FOR THE BORE LOGS FROM THE GEOTECHNICAL REPORT.
3. REFER TO SHEET R-3 FOR REMOVALS.
4. REFER TO SHEET EC-3 FOR EROSION CONTROL MEASURES.
5. REFER TO SHEET E-4 FOR ELECTRICAL PLANS.
6. REFER TO SHEET P-1 AND THROUGH P-14 FOR PAVING PLAN AND PROFILES, JOINT LAYOUT AND SPOT ELEVATIONS.
7. CONTRACTOR SHALL PERFORM GRADING FOR ALL PROPOSED AREAS IN ACCORDANCE WITH THE TYPICAL REMOVAL SECTIONS ON SHEET R-6. SEE PLAN VIEW ON THIS SHEET FOR PROPOSED PAVEMENT AREAS.
8. REFER TO EARTHWORK QUANTITY TABLE FOR ALL IN-PLACE 'UNCLASSIFIED EXCAVATION' QUANTITIES FOR THE PROJECT. PAYMENT FOR 'UNCLASSIFIED EXCAVATION' SHALL BE MADE PER THE PLAN QUANTITIES SHOWN IN THE EARTHWORK QUANTITY TABLE UNLESS CONTRACTOR IS DIRECTED BY THE RPR TO DEVIATE FROM THE GRADING PLAN AT THE TIME OF CONSTRUCTION. ALL DISCREPANCIES SHALL BE RESOLVED BY THE RPR. CONTRACTOR SHALL SATISFY THEMSELF TO THE QUANTITIES SHOWN ON THE EARTHWORK QUANTITY TABLE, BASED ON EXISTING GRADES, PROPOSED GRADES AND THE GEOTECH REPORT.
9. REMOVAL OF TAXIWAY 'S' IS NOT INCLUDED IN THE BASE BID. SEE THE BID SCHEDULE ON SHEET G-2 FOR ALTERNATES.
10. GRASSED SHOULDER SHALL BE $1\frac{1}{2}$" BELOW EDGE OF PAVEMENT.
11. ACCESS ROAD SHALL BE REBUILT IN PLACE. CONTRACTOR SHALL REMOVAL OF ACCESS ROAD SHALL BE INCIDENTAL TO UNCLASSIFIED GRADING.
12. CONTRACTOR IS RESPONSIBLE FOR PROVIDING BEFORE AND AFTER CROSS SECTIONS OF THE PROJECT SITE IN A FORMAT SUITABLE TO GDOT FOR VERIFYING IN-PLACE QUANTITIES.

LEGEND

- COLD MILL ASPHALT PAVEMENT (0 INCHES TO 2 INCHES)
- REMOVE ASPHALT PAVEMENT (FULL DEPTH)
- FULL DEPTH RECLAMATION - PULVERIZATION (DEPTH VARIES)
- UGE — DIRECT BURY CABLE (TO BE ABANDONED)
- EXISTING DRAINAGE STRUCTURE TO REMAIN
- ST — EXISTING STORM SEWER TO REMAIN
- EXISTING TAXIWAY SIGN

0 20 40 60
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

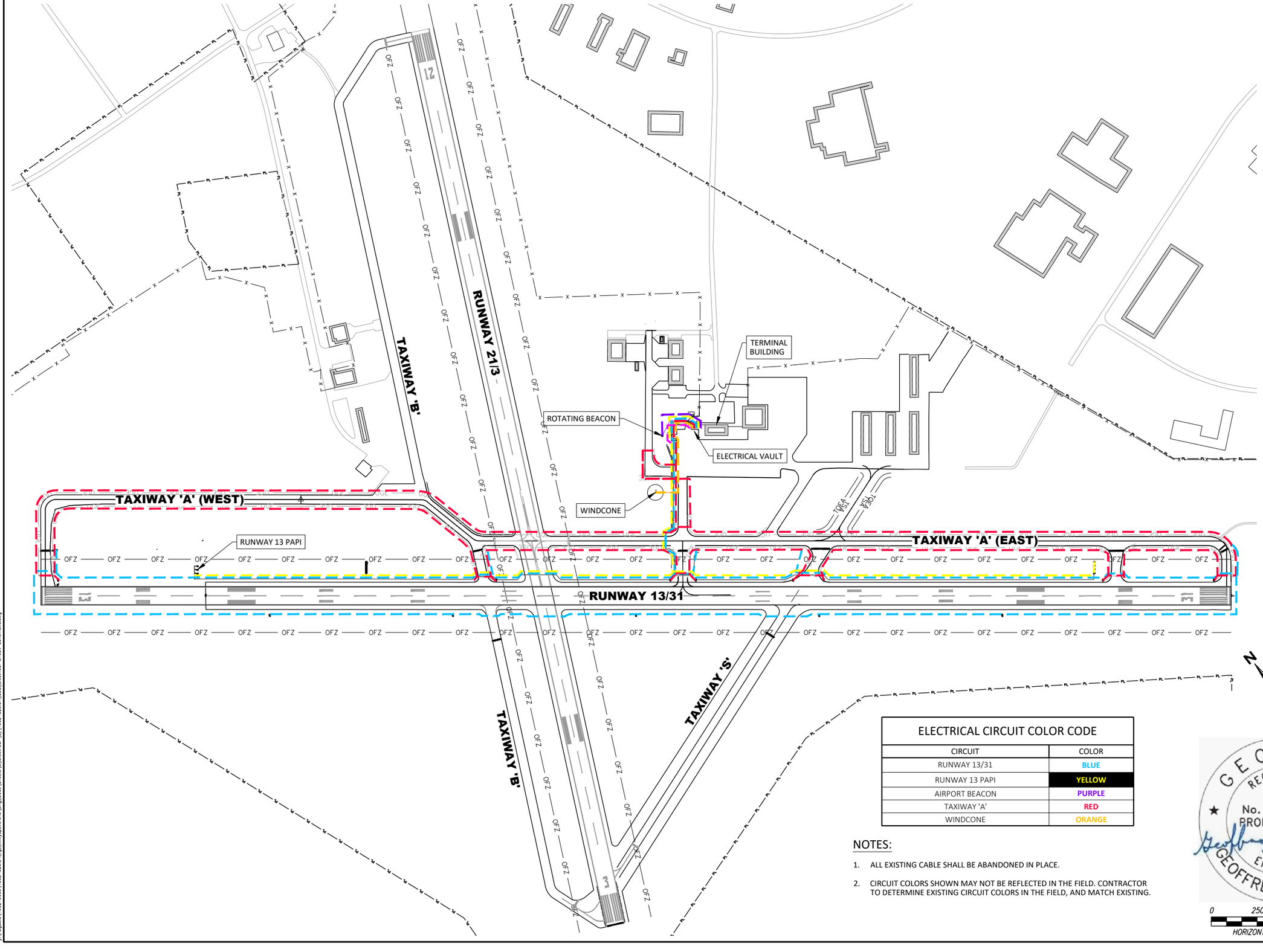
GRADING PLAN - SHEET 3

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01
DRAWN BY: DJL DESIGNED BY: KRT REVIEWED BY: SVC QUANTITIES CHECKED BY: AKM

SHEET 37/96 DRAWING NO. GR-3

NOT FOR CONSTRUCTION



ELECTRICAL CIRCUIT COLOR CODE

CIRCUIT	COLOR
RUNWAY 13/31	BLUE
RUNWAY 13 PAPI	YELLOW
AIRPORT BEACON	PURPLE
TAXIWAY 'A'	RED
WINDCONE	ORANGE

NOTES:

1. ALL EXISTING CABLE SHALL BE ABANDONED IN PLACE.
2. CIRCUIT COLORS SHOWN MAY NOT BE REFLECTED IN THE FIELD. CONTRACTOR TO DETERMINE EXISTING CIRCUIT COLORS IN THE FIELD, AND MATCH EXISTING.

No. PE046903
GEOFFREY H. THIESSE
Geoffrey H. Thiesse

NO.	REVISIONS	DATE
△	95% GDOT SUBMITTAL	7/1/2024
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

PROJECT
TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE
APRIL 2025

EXISTING ELECTRICAL CIRCUIT SCHEMATIC

LAGRANGE - CALLAWAY AIRPORT (LGC)
LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL
DESIGNED BY: CWD
REVIEWED BY: AKM
QUANTITIES CHECKED BY: AKM

SHEET 38/96
DRAWING NO. E-1

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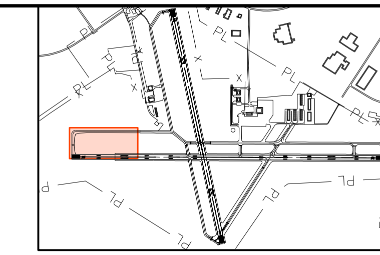
NOT FOR CONSTRUCTION

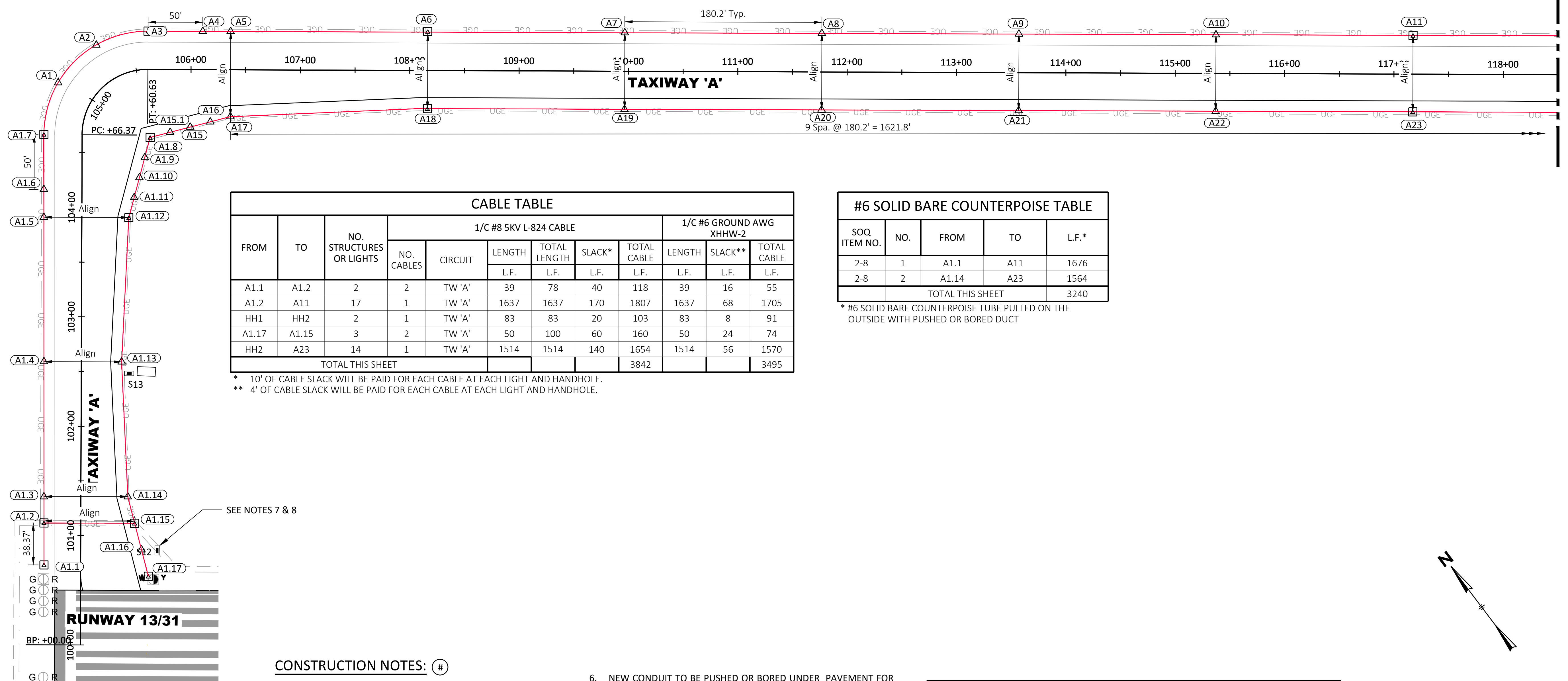
SCHEDULE OF LIGHTS TABLE

SOQ ITEM NO.	NO.	SYMBOL	EACH	FAA SPEC.	LENS	LIGHT TYPE	BASE TYPE
2-15	A1.3-A1.6, A1-A2, A4-A5, A7-A10, A1.9-A1.11, A1.13-A1.14, A1.16,A15.1-A17, A19-A22	△	26	L-861T (NEW)	BLUE	LED	STAKE
2-16	A1.1-A1.2, A1.7-1.8, A1.12,A1.15, A3, A6, A11, A18, A23	⊡	12	L-861T (NEW)	BLUE	LED	L-867 (SIZE B)

STRUCTURE TABLE

SOQ ITEM NO.	NO.	DESCRIPTION	CIRCUIT	COMMENT
2-19	S13	L-858(L) SIGN, LED, 3 MODULE	RW 13-31	NEW SIGN ON EXISTING BASE
2-18	S12	L-858(L) SIGN, LED, 2 MODULE	RW 13-31	NEW SIGN ON EXISTING BASE





CABLE TABLE

FROM	TO	NO. STRUCTURES OR LIGHTS	1/C #8 5KV L-824 CABLE						1/C #6 GROUND AWG XHHW-2		
			NO. CABLES	CIRCUIT	LENGTH L.F.	TOTAL LENGTH L.F.	SLACK* L.F.	TOTAL CABLE L.F.	LENGTH L.F.	SLACK** L.F.	TOTAL CABLE L.F.
A1.1	A1.2	2	2	TW 'A'	39	78	40	118	39	16	55
A1.2	A11	17	1	TW 'A'	1637	1637	170	1807	1637	68	1705
HH1	HH2	2	1	TW 'A'	83	83	20	103	83	8	91
A1.17	A1.15	3	2	TW 'A'	50	100	60	160	50	24	74
HH2	A23	14	1	TW 'A'	1514	1514	140	1654	1514	56	1570
TOTAL THIS SHEET								3842			3495

* 10' OF CABLE SLACK WILL BE PAID FOR EACH CABLE AT EACH LIGHT AND HANDHOLE.
** 4' OF CABLE SLACK WILL BE PAID FOR EACH CABLE AT EACH LIGHT AND HANDHOLE.

#6 SOLID BARE COUNTERPOISE TABLE

SOQ ITEM NO.	NO.	FROM	TO	L.F.*
2-8	1	A1.1	A11	1676
2-8	2	A1.14	A23	1564
TOTAL THIS SHEET				3240

* #6 SOLID BARE COUNTERPOISE TUBE PULLED ON THE OUTSIDE WITH PUSHED OR BORED DUCT

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET E-7 TO SHEET E-8 FOR ELECTRICAL DETAILS.
2. REFER TO SHEET E-11 FOR SIGN SCHEDULE. REFER TO SHEET E-12 FOR SIGN DETAILS.
3. NEW #6 SOLID BARE COUNTERPOISE SHALL BE INSTALLED AT LOCATIONS SHOWN ON THE "TYPICAL TRENCH DETAIL" ON SHEET E-7. NEW #6 COUNTERPOISE SHALL BE PULLED ON THE OUTSIDE OF PUSHED OR BORED DUCTS, WHERE REQUIRED. EXOTHERMICALLY WELD CONTINUOUS COUNTERPOISE RUNS.
4. CONNECT NEW #6 SOLID BARE COUNTERPOISE TO EXISTING COUNTERPOISE AT RUNWAY 13/31 IF ENCOUNTERED OR TERMINATE WITH A GROUND ROD IF COUNTERPOISE IS NOT FOUND. EXOTHERMICALLY WELD CONTINUOUS COUNTERPOISE RUNS. **DO NOT GROUND COUNTERPOISE TO PROPOSED OR EXISTING ELECTRICAL BASES.**
5. ALL LIGHTS, HANDHOLES, AND SIGNS SHALL BE STAKED BY A QUALIFIED SURVEYOR.
6. NEW CONDUIT TO BE PUSHED OR BORED UNDER PAVEMENT FOR TAXIWAY 'A' CIRCUIT. AFTER CONDUIT INTERCEPT WORK IS COMPLETED INSTALL NEW 1/C #8 5KV L-824 CABLE AND #6 GROUND IN CONDUIT. IF PRESENT, CONTRACTOR TO REUSE EXISTING DUCT UNDERNEATH PAVEMENT AT NO ADDITIONAL COST.
7. MANDATORY HOLD POSITION SIGN TO BE REPLACED AND CONNECTED TO RUNWAY 13/31 CIRCUIT.
8. RUNWAY EXIT SIGN TO BE REPLACED AND CONNECTED TO RUNWAY 13/31 CIRCUIT.
9. ALL DISTURBED AREAS SHALL BE RESTORED AT COMPLETION OF WORK, INCLUDED IN ITEMS "SEEDING" AND "MULCHING".
10. INSTALL NEW HANDHOLE IN ALL RUNWAY CIRCUIT SPLICE LOCATIONS.
11. CONTRACTOR SHALL CONNECT EXISTING BASES TO NEW TAXIWAY EDGE LIGHT CIRCUIT. COST WILL BE INCIDENTAL TO SOQ 2-3 "REMOVE EXISTING TAXIWAY SIGN AND REUSE FOUNDATION"

LEGEND

- PROPOSED CABLE (TAXIWAY 'A')
- PROPOSED CABLE (RUNWAY 13/31 PAPI)
- PROPOSED CABLE (RUNWAY 13/31 CIRCUIT)
- PROPOSED CABLE (WINDCONE)
- PROPOSED CABLE (BEACON)
- DIRECT BURY CABLE TO REMAIN
- EXISTING AIRFIELD SIGN
- PROPOSED BASE MOUNTED TAXIWAY LIGHT
- PROPOSED STAKE MOUNTED TAXIWAY LIGHT
- PROPOSED ELECTRICAL HANDHOLE
- PROPOSED AIRFIELD SIGN
- PROPOSED DUCT MARKER

GEORGIA REGISTERED No. PE046903 PROFESSIONAL ENGINEER GEOFFREY H. THIESSE

0 50 100 150
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
△	95% GDOT SUBMITTAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

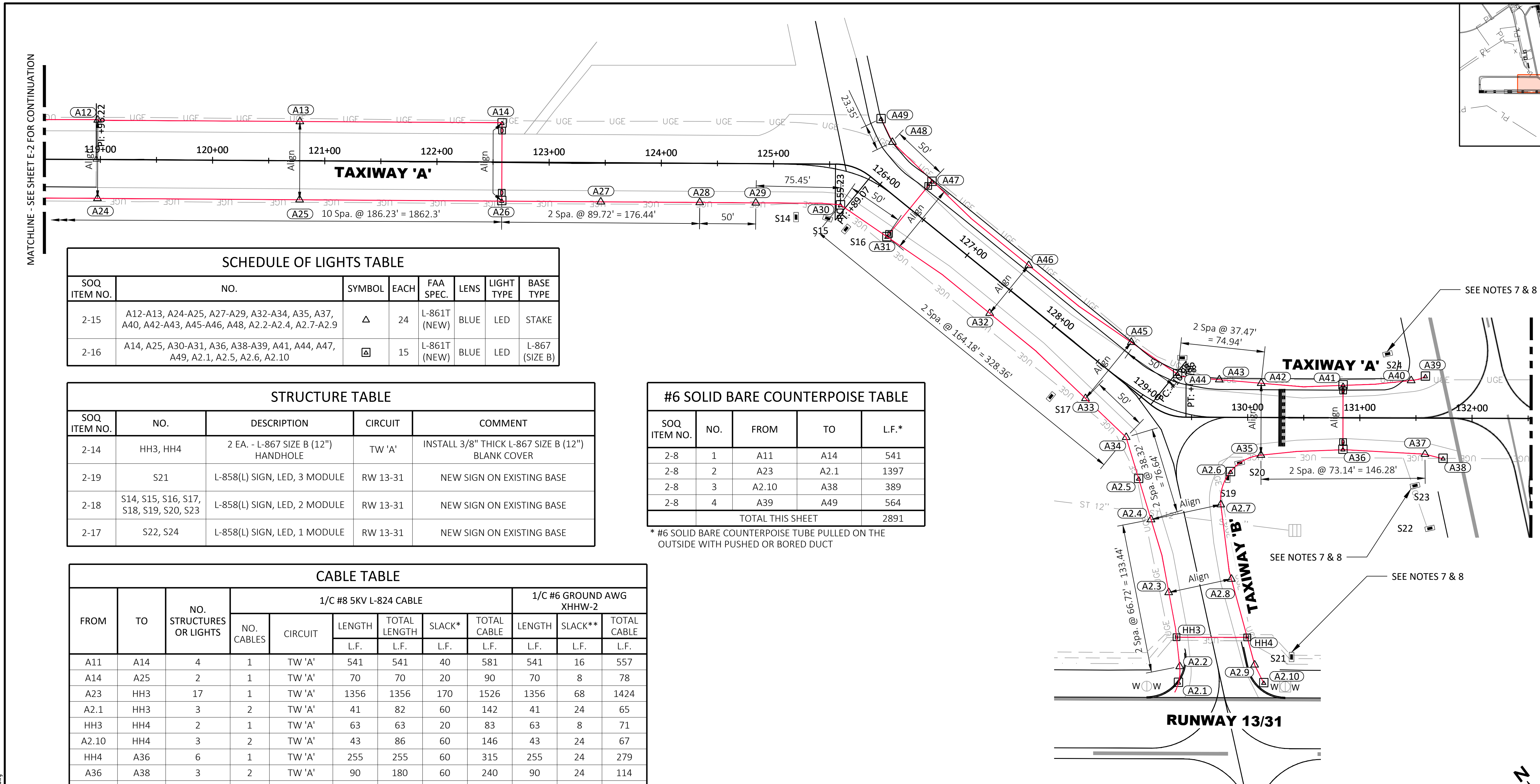
ELECTRICAL PLAN - SHEET 1

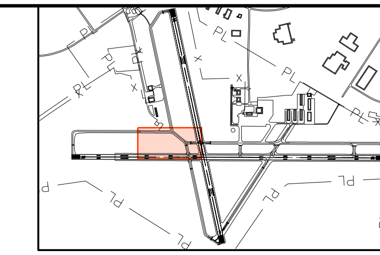
LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: CWD DESIGNED BY: CWD REVIEWED BY: SMV QUANTITIES CHECKED BY: ...

NOT FOR CONSTRUCTION





KEY MAP

SCHEDULE OF LIGHTS TABLE

SOQ ITEM NO.	NO.	SYMBOL	EACH	FAA SPEC.	LENS	LIGHT TYPE	BASE TYPE
2-15	A12-A13, A24-A25, A27-A29, A32-A34, A35, A37, A40, A42-A43, A45-A46, A48, A2.2-A2.4, A2.7-A2.9	△	24	L-861T (NEW)	BLUE	LED	STAKE
2-16	A14, A25, A30-A31, A36, A38-A39, A41, A44, A47, A49, A2.1, A2.5, A2.6, A2.10	⧍	15	L-861T (NEW)	BLUE	LED	L-867 (SIZE B)

STRUCTURE TABLE

SOQ ITEM NO.	NO.	DESCRIPTION	CIRCUIT	COMMENT
2-14	HH3, HH4	2 EA. - L-867 SIZE B (12") HANDHOLE	TW 'A'	INSTALL 3/8" THICK L-867 SIZE B (12") BLANK COVER
2-19	S21	L-858(L) SIGN, LED, 3 MODULE	RW 13-31	NEW SIGN ON EXISTING BASE
2-18	S14, S15, S16, S17, S18, S19, S20, S23	L-858(L) SIGN, LED, 2 MODULE	RW 13-31	NEW SIGN ON EXISTING BASE
2-17	S22, S24	L-858(L) SIGN, LED, 1 MODULE	RW 13-31	NEW SIGN ON EXISTING BASE

#6 SOLID BARE COUNTERPOISE TABLE

SOQ ITEM NO.	NO.	FROM	TO	L.F.*
2-8	1	A11	A14	541
2-8	2	A23	A2.1	1397
2-8	3	A2.10	A38	389
2-8	4	A39	A49	564
	TOTAL THIS SHEET			2891

* #6 SOLID BARE COUNTERPOISE TUBE PULLED ON THE OUTSIDE WITH PUSHED OR BORED DUCT

CABLE TABLE

FROM	TO	NO. STRUCTURES OR LIGHTS	1/C #8 5KV L-824 CABLE						1/C #6 GROUND AWG XHHW-2		
			NO. CABLES	CIRCUIT	LENGTH	TOTAL LENGTH	SLACK*	TOTAL CABLE	LENGTH	SLACK**	TOTAL CABLE
					L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.
A11	A14	4	1	TW 'A'	541	541	40	581	541	16	557
A14	A25	2	1	TW 'A'	70	70	20	90	70	8	78
A23	HH3	17	1	TW 'A'	1356	1356	170	1526	1356	68	1424
A2.1	HH3	3	2	TW 'A'	41	82	60	142	41	24	65
HH3	HH4	2	1	TW 'A'	63	63	20	83	63	8	71
A2.10	HH4	3	2	TW 'A'	43	86	60	146	43	24	67
HH4	A36	6	1	TW 'A'	255	255	60	315	255	24	279
A36	A38	3	2	TW 'A'	90	180	60	240	90	24	114
A36	A41	2	1	TW 'A'	57	57	20	77	57	8	65
A39	A41	3	2	TW 'A'	74	148	60	208	74	24	98
A41	A47	7	1	TW 'A'	278	278	70	348	278	28	306
A31	A47	2	1	TW 'A'	64	64	20	84	64	8	72
A47	A49	3	2	TW 'A'	64	128	60	188	64	24	88
TOTAL THIS SHEET								4028			3284

* 10' OF CABLE SLACK WILL BE PAID FOR EACH CABLE AT EACH LIGHT AND HANDHOLE.
** 4' OF CABLE SLACK WILL BE PAID FOR EACH CABLE AT EACH LIGHT AND HANDHOLE.

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET E-7 TO SHEET E-8 FOR ELECTRICAL DETAILS.
2. REFER TO SHEET E-11 FOR SIGN SCHEDULE. REFER TO SHEET E-12 FOR SIGN DETAILS.
3. NEW #6 SOLID BARE COUNTERPOISE SHALL BE INSTALLED AT LOCATIONS SHOWN ON THE "TYPICAL TRENCH DETAIL" ON SHEET E-7. NEW #6 COUNTERPOISE SHALL BE PULLED ON THE OUTSIDE OF PUSHED OR BORED DUCTS, WHERE REQUIRED. EXOTHERMICALLY WELD CONTINUOUS COUNTERPOISE RUNS.
4. CONNECT NEW #6 SOLID BARE COUNTERPOISE TO EXISTING COUNTERPOISE AT RUNWAY 13/31 IF ENCOUNTERED OR TERMINATE WITH A GROUND ROD IF COUNTERPOISE IS NOT FOUND. EXOTHERMICALLY WELD CONTINUOUS COUNTERPOISE RUNS. **DO NOT GROUND COUNTERPOISE TO PROPOSED OR EXISTING ELECTRICAL BASES.**
5. ALL LIGHTS, HANDHOLES, AND SIGNS SHALL BE STAKED BY A QUALIFIED SURVEYOR.
6. NEW CONDUIT TO BE PUSHED OR BORED UNDER PAVEMENT FOR TAXIWAY 'A' CIRCUIT. AFTER CONDUIT INTERCEPT WORK IS COMPLETED INSTALL NEW 1/C #8 5KV L-824 CABLE AND #6 GROUND IN CONDUIT. IF PRESENT, CONTRACTOR TO REUSE EXISTING DUCT UNDERNEATH PAVEMENT AT NO ADDITIONAL COST.
7. MANDATORY HOLD POSITION SIGN TO BE REPLACED AND CONNECTED TO RUNWAY 13/31 CIRCUIT.
8. RUNWAY EXIT SIGN TO BE REPLACED AND CONNECTED TO RUNWAY 13/31 CIRCUIT.
9. ALL DISTURBED AREAS SHALL BE RESTORED AT COMPLETION OF WORK, INCLUDED IN ITEMS "SEEDING" AND "MULCHING".
10. INSTALL NEW HANDHOLE IN ALL RUNWAY CIRCUIT SPLICE LOCATIONS.
11. CONTRACTOR SHALL CONNECT EXISTING BASES TO NEW TAXIWAY EDGE LIGHT CIRCUIT. COST WILL BE INCIDENTAL TO SOQ 2-3 "REMOVE EXISTING TAXIWAY SIGN AND REUSE FOUNDATION"

LEGEND

- PROPOSED CABLE (TAXIWAY 'A')
- PROPOSED CABLE (RUNWAY 13/31 PAPI)
- PROPOSED CABLE (RUNWAY 13/31 CIRCUIT)
- PROPOSED CABLE (WINDCONE)
- PROPOSED CABLE (BEACON)
- DIRECT BURY CABLE TO REMAIN
- EXISTING AIRFIELD SIGN
- PROPOSED BASE MOUNTED TAXIWAY LIGHT
- PROPOSED STAKE MOUNTED TAXIWAY LIGHT
- PROPOSED ELECTRICAL HANDHOLE
- PROPOSED AIRFIELD SIGN
- PROPOSED DUCT MARKER

GEORGIA REGISTERED No. PE046903 PROFESSIONAL ENGINEER GEOFFREY H. THIESSE

0 50 100 150
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
△	95% GDOT SUBMITTAL	7/1/2024

PROJECT TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE APRIL 2025

ELECTRICAL PLAN - SHEET 2

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: CWD
DESIGNED BY: CWD
REVIEWED BY: SMV
QUANTITIES CHECKED BY: ---

NOT FOR CONSTRUCTION

SCHEDULE OF LIGHTS TABLE

SOQ ITEM NO.	NO.	SYMBOL	EACH	FAA SPEC.	LENS	LIGHT TYPE	BASE TYPE
2-15	A51, A53-A54, A56-A57, A58-A59, A117-A120, A122-A124, A126-A127, A129, C1, C3-C6, C9-C12, C14, TL1-TL4, TL6-TL7, TL10-TL13, TL15	△	39	L-861T (NEW)	BLUE	LED	STAKE
2-16	A50, A52, A55, A121, A125, A128, A130, C2, C7-C8, C13, TL5, TL8-TL9, TL14	▣	15	L-861T (NEW)	BLUE	LED	L-867 (SIZE B)

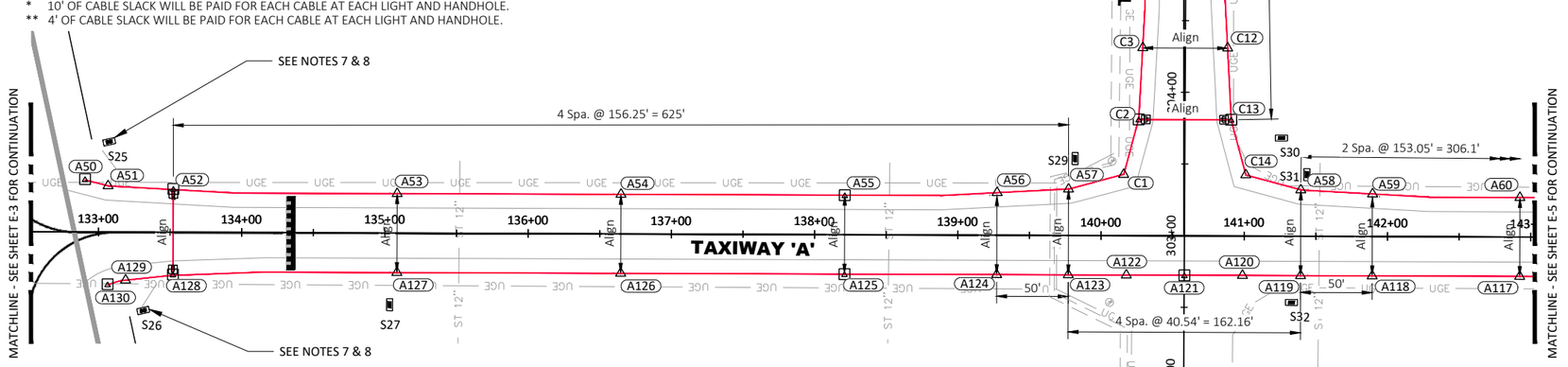
STRUCTURE TABLE

SOQ ITEM NO.	NO.	DESCRIPTION	CIRCUIT	COMMENT
2-19	S27	L-858(L) SIGN, LED, 3 MODULE	RW 13-31	NEW SIGN ON EXISTING BASE
2-18	S29, S30, S31	L-858(L) SIGN, LED, 2 MODULE	RW 13-31	NEW SIGN ON EXISTING BASE
2-17	S25, S26	L-858(L) SIGN, LED, 1 MODULE	RW 13-31	NEW SIGN ON EXISTING BASE

CABLE TABLE

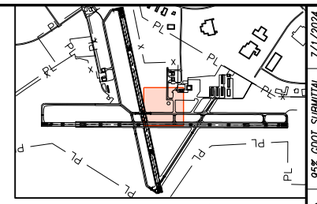
FROM	TO	NO. STRUCTURES OR LIGHTS	1/C #8 5KV L-824 CABLE						1/C #6 GROUND AWG XHHW-2		
			NO. CABLES	CIRCUIT	LENGTH L.F.	TOTAL LENGTH L.F.	SLACK* L.F.	TOTAL CABLE L.F.	LENGTH L.F.	SLACK** L.F.	TOTAL CABLE L.F.
A50	A52	3	2	TW 'A'	62	124	60	184	62	24	86
A52	A128	2	1	TW 'A'	60	60	20	80	60	8	68
A52	C7	13	1	TW 'A'	961	961	130	1091	961	52	1013
C7	TL15	16	2	TW 'A'	571	1142	320	1462	571	128	699
C2	C13	2	1	TW 'A'	65	65	20	85	65	8	73
C7	C8	2	1	TW 'A'	70	70	20	90	70	8	78
C8	A60	10	1	TW 'A'	487	487	100	587	487	40	527
A130	A128	3	2	TW 'A'	46	92	60	152	46	24	70
A128	A117	12	1	TW 'A'	940	940	120	1060	940	48	988
TOTAL THIS SHEET								4791			3602

* 10' OF CABLE SLACK WILL BE PAID FOR EACH CABLE AT EACH LIGHT AND HANDHOLE.
** 4' OF CABLE SLACK WILL BE PAID FOR EACH CABLE AT EACH LIGHT AND HANDHOLE.



LEGEND

- PROPOSED CABLE (TAXIWAY 'A')
- PROPOSED CABLE (RUNWAY 13/31 PAPI)
- PROPOSED CABLE (RUNWAY 13/31 CIRCUIT)
- PROPOSED CABLE (WINDCONE)
- PROPOSED CABLE (BEACON)
- DIRECT BURY CABLE TO REMAIN
- EXISTING AIRFIELD SIGN
- PROPOSED BASE MOUNTED TAXIWAY LIGHT
- PROPOSED STAKE MOUNTED TAXIWAY LIGHT
- PROPOSED ELECTRICAL HANDHOLE
- PROPOSED AIRFIELD SIGN
- PROPOSED DUCT MARKER



CONSTRUCTION NOTES: (#)

1. REFER TO SHEET E-7 TO SHEET E-8 FOR ELECTRICAL DETAILS.
2. REFER TO SHEET E-11 FOR SIGN SCHEDULE. REFER TO SHEET E-12 FOR SIGN DETAILS.
3. NEW #6 SOLID BARE COUNTERPOISE SHALL BE INSTALLED AT LOCATIONS SHOWN ON THE "TYPICAL TRENCH DETAIL" ON SHEET E-7. NEW #6 COUNTERPOISE SHALL BE PULLED ON THE OUTSIDE OF PUSHED OR BORED DUCTS, WHERE REQUIRED. EXOTHERMICALLY WELD CONTINUOUS COUNTERPOISE RUNS.
4. CONNECT NEW #6 SOLID BARE COUNTERPOISE TO EXISTING COUNTERPOISE AT RUNWAY 13/31 IF ENCOUNTERED OR TERMINATE WITH A GROUND ROD IF COUNTERPOISE IS NOT FOUND. EXOTHERMICALLY WELD CONTINUOUS COUNTERPOISE RUNS. **DO NOT GROUND COUNTERPOISE TO PROPOSED OR EXISTING ELECTRICAL BASES.**
5. ALL LIGHTS, HANDHOLES, AND SIGNS SHALL BE STAKED BY A QUALIFIED SURVEYOR.
6. NEW CONDUIT TO BE PUSHED OR BORED UNDER PAVEMENT FOR TAXIWAY 'A' CIRCUIT. AFTER CONDUIT INTERCEPT WORK IS COMPLETED INSTALL NEW 1/C #8 5KV L-824 CABLE AND #6 GROUND IN CONDUIT. IF PRESENT, CONTRACTOR TO REUSE EXISTING DUCT UNDERNEATH PAVEMENT AT NO ADDITIONAL COST.
7. MANDATORY HOLD POSITION SIGN TO BE REPLACED AND CONNECTED TO RUNWAY 13/31 CIRCUIT.
8. RUNWAY EXIT SIGN TO BE REPLACED AND CONNECTED TO RUNWAY 13/31 CIRCUIT.
9. ALL DISTURBED AREAS SHALL BE RESTORED AT COMPLETION OF WORK, INCLUDED IN ITEMS "SEEDING" AND "MULCHING".
10. INSTALL NEW HANDHOLE IN ALL RUNWAY CIRCUIT SPLICE LOCATIONS.
11. CONTRACTOR SHALL CONNECT EXISTING BASES TO NEW TAXIWAY EDGE LIGHT CIRCUIT. COST WILL BE INCIDENTAL TO SOQ 2-3 "REMOVE EXISTING TAXIWAY SIGN AND REUSE FOUNDATION"

#6 SOLID BARE COUNTERPOISE TABLE

SOQ ITEM NO.	NO.	FROM	TO	L.F.*
2-8	1	A50	TL15	1596
2-8	2	A130	A117	986
2-8	3	C8	A60	487
TOTAL THIS SHEET				3069

* #6 SOLID BARE COUNTERPOISE TUBE PULLED ON THE OUTSIDE WITH PUSHED OR BORED DUCT

GEORGIA REGISTERED No. PE046903 PROFESSIONAL ENGINEER GEOFFREY H. THIESSE

0 50 100 150
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
1	-	-
2	95% CDOT SUBMITAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

ELECTRICAL PLAN - SHEET 3

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: CWD | DESIGNED BY: CWD | REVIEWED BY: SWV | QUANTITIES CHECKED BY: ---

SHEET 41/96 | DRAWING NO. E-4

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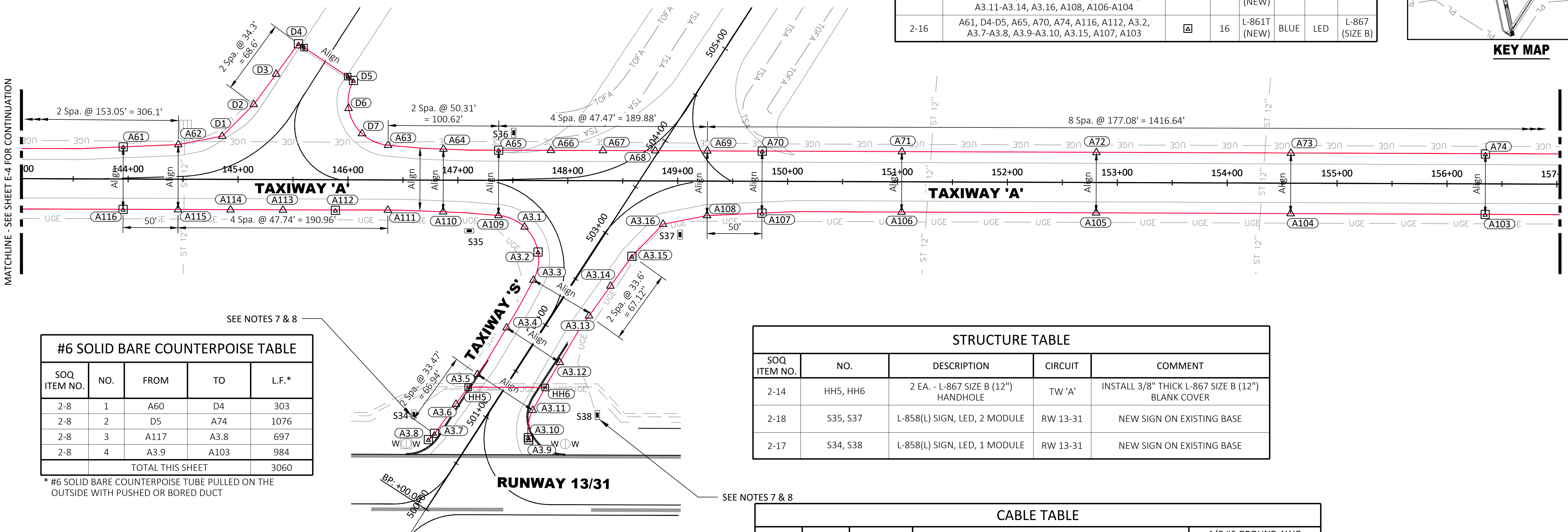
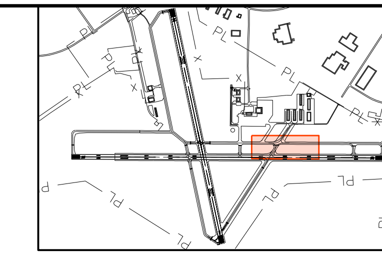




SCHEDULE OF LIGHTS TABLE

SOQ ITEM NO.	NO.	SYMBOL	EACH	FAA SPEC.	LENS	LIGHT TYPE	BASE TYPE
2-15	A62, D1-D3, D6-D7, A63-A64, A66-A69, A71-A73, A115-A113, A111-A109, A3.1, A3.3-A3.6, A3.11-A3.14, A3.16, A108, A106-A104	△	35	L-861T (NEW)	BLUE	LED	STAKE
2-16	A61, D4-D5, A65, A70, A74, A116, A112, A3.2, A3.7-A3.8, A3.9-A3.10, A3.15, A107, A103	⊡	16	L-861T (NEW)	BLUE	LED	L-867 (SIZE B)

#6 SOLID BARE COUNTERPOISE TABLE

SOQ ITEM NO.	NO.	FROM	TO	L.F.*
2-8	1	A60	D4	303
2-8	2	D5	A74	1076
2-8	3	A117	A3.8	697
2-8	4	A3.9	A103	984
TOTAL THIS SHEET				3060

* #6 SOLID BARE COUNTERPOISE TUBE PULLED ON THE OUTSIDE WITH PUSHED OR BORED DUCT

STRUCTURE TABLE

SOQ ITEM NO.	NO.	DESCRIPTION	CIRCUIT	COMMENT
2-14	HH5, HH6	2 EA. - L-867 SIZE B (12") HANDHOLE	TW 'A'	INSTALL 3/8" THICK L-867 SIZE B (12") BLANK COVER
2-18	S35, S37	L-858(L) SIGN, LED, 2 MODULE	RW 13-31	NEW SIGN ON EXISTING BASE
2-17	S34, S38	L-858(L) SIGN, LED, 1 MODULE	RW 13-31	NEW SIGN ON EXISTING BASE

CABLE TABLE

FROM	TO	NO. STRUCTURES OR LIGHTS	1/C #8 5KV L-824 CABLE						1/C #6 GROUND AWG XHHW-2		
			NO. CABLES	CIRCUIT	LENGTH	TOTAL LENGTH	SLACK*	TOTAL CABLE	LENGTH	SLACK**	TOTAL CABLE
					L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.
A60	A74	4	1	TW 'A'	1441	1441	40	1481	1441	16	1457
A117	HH5	2	1	TW 'A'	637	637	20	657	637	8	645
HH5	A3.8	17	2	TW 'A'	60	120	340	460	60	136	196
HH5	HH6	3	1	TW 'A'	70	70	30	100	70	12	82
A3.9	H6	2	2	TW 'A'	52	104	40	144	52	16	68
HH6	A103	3	1	TW 'A'	933	933	30	963	933	12	945
TOTAL THIS SHEET								3805			3393

* 10' OF CABLE SLACK WILL BE PAID FOR EACH CABLE AT EACH LIGHT AND HANDHOLE.
** 4' OF CABLE SLACK WILL BE PAID FOR EACH CABLE AT EACH LIGHT AND HANDHOLE.

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET E-7 TO SHEET E-8 FOR ELECTRICAL DETAILS.
2. REFER TO SHEET E-11 FOR SIGN SCHEDULE. REFER TO SHEET E-12 FOR SIGN DETAILS.
3. NEW #6 SOLID BARE COUNTERPOISE SHALL BE INSTALLED AT LOCATIONS SHOWN ON THE "TYPICAL TRENCH DETAIL" ON SHEET E-7. NEW #6 COUNTERPOISE SHALL BE PULLED ON THE OUTSIDE OF PUSHED OR BORED DUCTS, WHERE REQUIRED. EXOTHERMICALLY WELD CONTINUOUS COUNTERPOISE RUNS.
4. CONNECT NEW #6 SOLID BARE COUNTERPOISE TO EXISTING COUNTERPOISE AT RUNWAY 13/31 IF ENCOUNTERED OR TERMINATE WITH A GROUND ROD IF COUNTERPOISE IS NOT FOUND. EXOTHERMICALLY WELD CONTINUOUS COUNTERPOISE RUNS. **DO NOT GROUND COUNTERPOISE TO PROPOSED OR EXISTING ELECTRICAL BASES.**
5. ALL LIGHTS, HANDHOLES, AND SIGNS SHALL BE STAKED BY A QUALIFIED SURVEYOR.
6. NEW CONDUIT TO BE PUSHED OR BORED UNDER PAVEMENT FOR TAXIWAY 'A' CIRCUIT. AFTER CONDUIT INTERCEPT WORK IS COMPLETED INSTALL NEW 1/C #8 5KV L-824 CABLE AND #6 GROUND IN CONDUIT. IF PRESENT, CONTRACTOR TO REUSE EXISTING DUCT UNDERNEATH PAVEMENT AT NO ADDITIONAL COST.
7. MANDATORY HOLD POSITION SIGN TO BE REPLACED AND CONNECTED TO RUNWAY 13/31 CIRCUIT.
8. RUNWAY EXIT SIGN TO BE REPLACED AND CONNECTED TO RUNWAY 13/31 CIRCUIT.
9. ALL DISTURBED AREAS SHALL BE RESTORED AT COMPLETION OF WORK, INCLUDED IN ITEMS "SEEDING" AND "MULCHING".
10. INSTALL NEW HANDHOLE IN ALL RUNWAY CIRCUIT SPLICE LOCATIONS.
11. CONTRACTOR SHALL CONNECT EXISTING BASES TO NEW TAXIWAY EDGE LIGHT CIRCUIT. COST WILL BE INCIDENTAL TO SOQ 2-3 "REMOVE EXISTING TAXIWAY SIGN AND REUSE FOUNDATION"

LEGEND

- PROPOSED CABLE (TAXIWAY 'A')
- PROPOSED CABLE (RUNWAY 13/31 PAPI)
- PROPOSED CABLE (RUNWAY 13/31 CIRCUIT)
- PROPOSED CABLE (WINDCONE)
- PROPOSED CABLE (BEACON)
- DIRECT BURY CABLE TO REMAIN
- EXISTING AIRFIELD SIGN
- PROPOSED BASE MOUNTED TAXIWAY LIGHT
- PROPOSED STAKE MOUNTED TAXIWAY LIGHT
- PROPOSED ELECTRICAL HANDHOLE
- PROPOSED AIRFIELD SIGN
- PROPOSED DUCT MARKER

GEORGIA REGISTERED No. PE046903 PROFESSIONAL ENGINEER GEOFFREY H. THIESSE

0 50 100 150
HORIZONTAL SCALE IN FEET

NOT FOR CONSTRUCTION

NO.	REVISIONS	DATE
△	95% GDOT SUBMITTAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

ELECTRICAL PLAN - SHEET 4

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

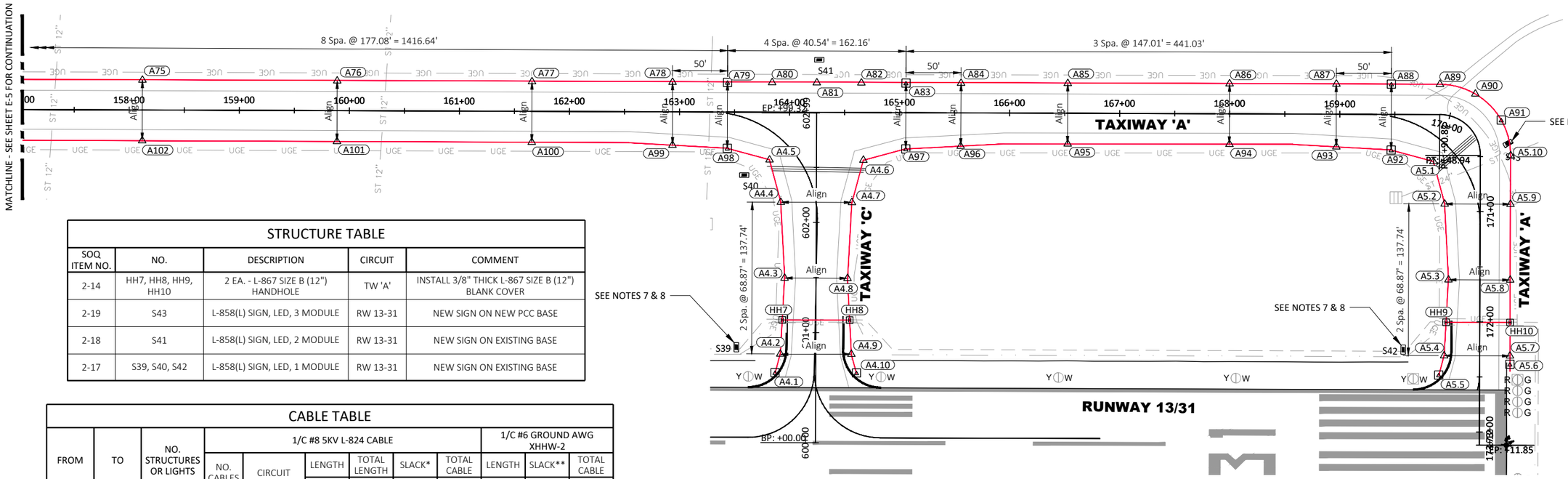
benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: CWD DESIGNED BY: CWD REVIEWED BY: SMV QUANTITIES CHECKED BY: ...

NOT FOR CONSTRUCTION

SCHEDULE OF LIGHTS TABLE

SOQ ITEM NO.	NO.	SYMBOL	EACH	FAA SPEC.	LENS	LIGHT TYPE	BASE TYPE
2-15	A12-A13, A23-A24, A26-A29, A32-A34, A35, A37, A40, A42-A43, A45-A46, A48, A2.2-A2.4, A2.7-A2.9	△	37	L-861T (NEW)	BLUE	LED	STAKE
2-16	A14, A25, A30-A31, A36, A38-A39, A4.1, A44, A47, A49, A2.1, A2.5, A2.6, A2.10	◬	11	L-861T (NEW)	BLUE	LED	L-867 (SIZE B)



STRUCTURE TABLE

SOQ ITEM NO.	NO.	DESCRIPTION	CIRCUIT	COMMENT
2-14	HH7, HH8, HH9, HH10	2 EA. - L-867 SIZE B (12") HANDHOLE	TW 'A'	INSTALL 3/8" THICK L-867 SIZE B (12") BLANK COVER
2-19	S43	L-858(L) SIGN, LED, 3 MODULE	RW 13-31	NEW SIGN ON NEW PCC BASE
2-18	S41	L-858(L) SIGN, LED, 2 MODULE	RW 13-31	NEW SIGN ON EXISTING BASE
2-17	S39, S40, S42	L-858(L) SIGN, LED, 1 MODULE	RW 13-31	NEW SIGN ON EXISTING BASE

CABLE TABLE

FROM	TO	NO. STRUCTURES OR LIGHTS	1/C #8 5KV L-824 CABLE						1/C #6 GROUND AWG XHHW-2		
			NO. CABLES	CIRCUIT	LENGTH	TOTAL LENGTH	SLACK*	TOTAL CABLE	LENGTH	SLACK**	TOTAL CABLE
					L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.
A74	HH10	4	1	TW 'A'	1607	1607	40	1647	1607	16	1623
HH10	A5.6	2	2	TW 'A'	38	76	40	116	38	16	54
A103	HH7	17	1	TW 'A'	895	895	170	1065	895	68	963
HH7	A4.1	3	2	TW 'A'	49	98	60	158	49	24	73
HH7	HH8	2	1	TW 'A'	61	61	20	81	61	8	69
A4.10	HH8	3	2	TW 'A'	49	98	60	158	49	24	73
HH8	HH9	6	1	TW 'A'	814	814	60	874	814	24	838
HH9	A5.5	3	2	TW 'A'	49	98	60	158	49	24	73
HH9	HH10	2	1	TW 'A'	58	58	20	78	58	8	66
TOTAL THIS SHEET								4335			3832

* 10' OF CABLE SLACK WILL BE PAID FOR EACH CABLE AT EACH LIGHT AND HANDHOLE.
** 4' OF CABLE SLACK WILL BE PAID FOR EACH CABLE AT EACH LIGHT AND HANDHOLE.

#6 SOLID BARE COUNTERPOISE TABLE

SOQ. ITEM NO.	NO.	FROM	TO	L.F.*
2-8	1	A74	A5.6	1646
2-8	2	A103	A4.1	944
2-8	3	A4.10	A5.5	912
	TOTAL THIS SHEET			3502

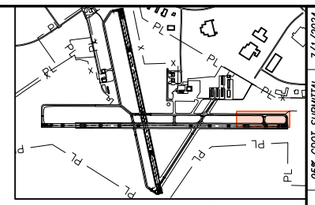
* #6 SOLID BARE COUNTERPOISE TUBE PULLED ON THE OUTSIDE WITH PUSHED OR BORED DUCT

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET E-7 TO SHEET E-8 FOR ELECTRICAL DETAILS.
2. REFER TO SHEET E-11 FOR SIGN SCHEDULE. REFER TO SHEET E-12 FOR SIGN DETAILS.
3. NEW #6 SOLID BARE COUNTERPOISE SHALL BE INSTALLED AT LOCATIONS SHOWN ON THE "TYPICAL TRENCH DETAIL" ON SHEET E-7. NEW #6 COUNTERPOISE SHALL BE PULLED ON THE OUTSIDE OF PUSHED OR BORED DUCTS, WHERE REQUIRED. EXOTHERMICALLY WELD CONTINUOUS COUNTERPOISE RUNS.
4. CONNECT NEW #6 SOLID BARE COUNTERPOISE TO EXISTING COUNTERPOISE AT RUNWAY 13/31 IF ENCOUNTERED OR TERMINATE WITH A GROUND ROD IF COUNTERPOISE IS NOT FOUND. EXOTHERMICALLY WELD CONTINUOUS COUNTERPOISE RUNS. **DO NOT GROUND COUNTERPOISE TO PROPOSED OR EXISTING ELECTRICAL BASES.**
5. ALL LIGHTS, HANDHOLES, AND SIGNS SHALL BE STAKED BY A QUALIFIED SURVEYOR.
6. NEW CONDUIT TO BE PUSHED OR BORED UNDER PAVEMENT FOR TAXIWAY 'A' CIRCUIT. AFTER CONDUIT INTERCEPT WORK IS COMPLETED INSTALL NEW 1/C #8 5KV L-824 CABLE AND #6 GROUND IN CONDUIT. IF PRESENT, CONTRACTOR TO REUSE EXISTING DUCT UNDERNEATH PAVEMENT AT NO ADDITIONAL COST.
7. MANDATORY HOLD POSITION SIGN TO BE REPLACED WITH NEW BASE AND CONNECTED TO RUNWAY 13/31 CIRCUIT.
8. RUNWAY EXIT SIGN TO BE REPLACED AND CONNECTED TO RUNWAY 13/31 CIRCUIT.
9. ALL DISTURBED AREAS SHALL BE RESTORED AT COMPLETION OF WORK, INCLUDED IN ITEMS "SEEDING" AND "MULCHING".
10. INSTALL NEW HANDHOLE IN ALL RUNWAY CIRCUIT SPLICE LOCATIONS.
11. CONTRACTOR SHALL CONNECT EXISTING BASES TO NEW TAXIWAY EDGE LIGHT CIRCUIT. COST WILL BE INCIDENTAL TO SOQ 2-3 "REMOVE EXISTING TAXIWAY SIGN AND REUSE FOUNDATION"

LEGEND

- PROPOSED CABLE (TAXIWAY 'A')
- PROPOSED CABLE (RUNWAY 13/31 PAPI)
- PROPOSED CABLE (RUNWAY 13/31 CIRCUIT)
- PROPOSED CABLE (WINDCONE)
- PROPOSED CABLE (BEACON)
- DIRECT BURY CABLE TO REMAIN
- EXISTING AIRFIELD SIGN
- PROPOSED BASE MOUNTED TAXIWAY LIGHT
- PROPOSED STAKE MOUNTED TAXIWAY LIGHT
- PROPOSED ELECTRICAL HANDHOLE
- PROPOSED AIRFIELD SIGN
- PROPOSED DUCT MARKER



NO.	REVISIONS	95% CDOT SUBMITAL	DATE
-	-	-	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

ELECTRICAL PLAN - SHEET 5

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: CWD | DESIGNED BY: CWD | REVIEWED BY: SJMV | QUANTITIES CHECKED BY: ...

GEORGIA REGISTERED No. PE046903 PROFESSIONAL ENGINEER GEOFFREY H. THIESSE

0 50 100 150
HORIZONTAL SCALE IN FEET

SHEET 43/96 | DRAWING NO. E-6

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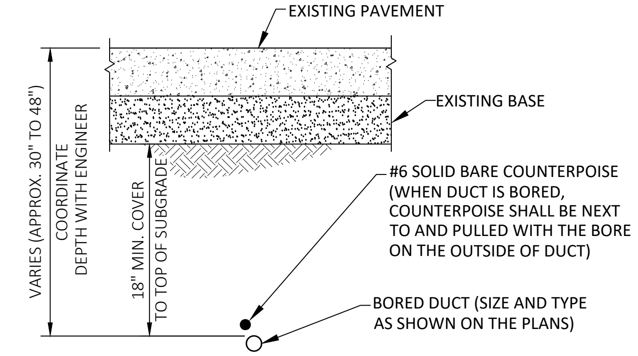
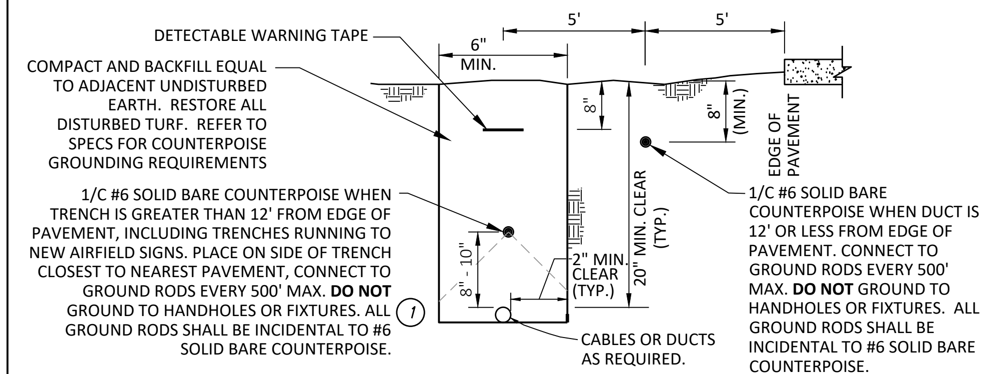


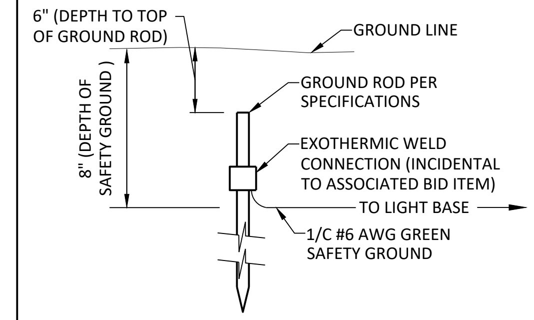
BORED DUCTS UNDER PAVEMENT
No Scale



TYPICAL CABLE TRENCH DETAIL
No Scale

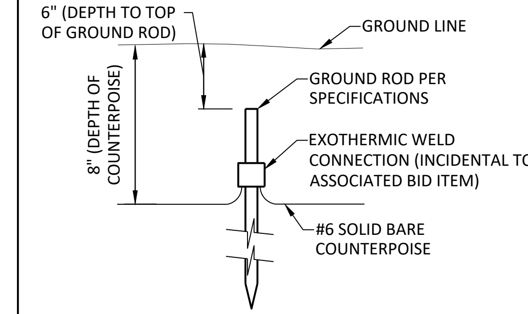
NOTES: (#)

1. AN ALTERNATE TO INSTALLING THE #6 SOLID BARE COUNTERPOISE IN TRENCH (NOT WITHIN 12' OF PAVEMENT EDGE) IS TO INSTALL THE COUNTERPOISE 16" BELOW THE GROUND SURFACE AND AT THE EDGE OF THE TRENCH ON THE PAVEMENT SIDE OF THE DUCT. GROUND RODS SHALL BE INSTALLED AS SHOWN IN #6 SOLID BARE COUNTERPOISE AND GROUND ROD DETAIL ON THIS SHEET.



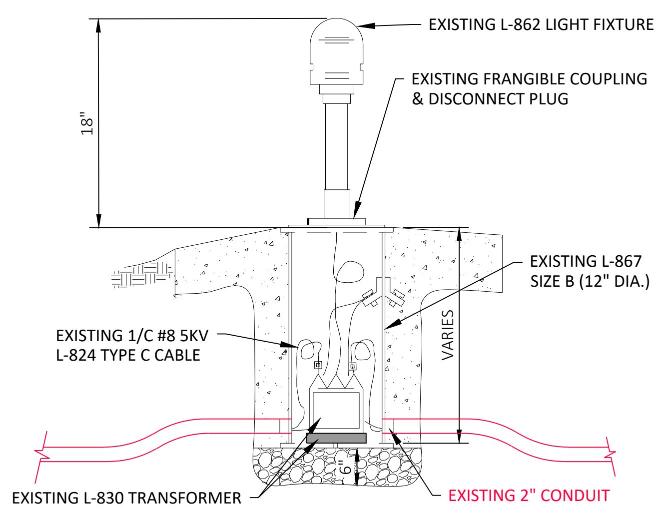
1/c #6 AWG GREEN SAFETY GROUND AND GROUND ROD DETAIL
No Scale

NOTES:
1. GROUNDED ROD SHALL BE INCIDENTAL TO ASSOCIATED BASE MOUNTED LIGHTS, SIGNS, AND HANDHOLES. GROUND RODS ARE NOT REQUIRED FOR STAKE MOUNTED LIGHTS.
2. THE NUMBER OF GROUND RODS IS SITE SPECIFIC AND MAY DEPEND ON SOIL RESISTIVITY. CONTRACTOR SHALL SATISFY THEMSELVES AS TO EXISTING SOIL CONDITIONS.



#6 SOLID BARE COUNTERPOISE AND GROUND ROD DETAIL
No Scale

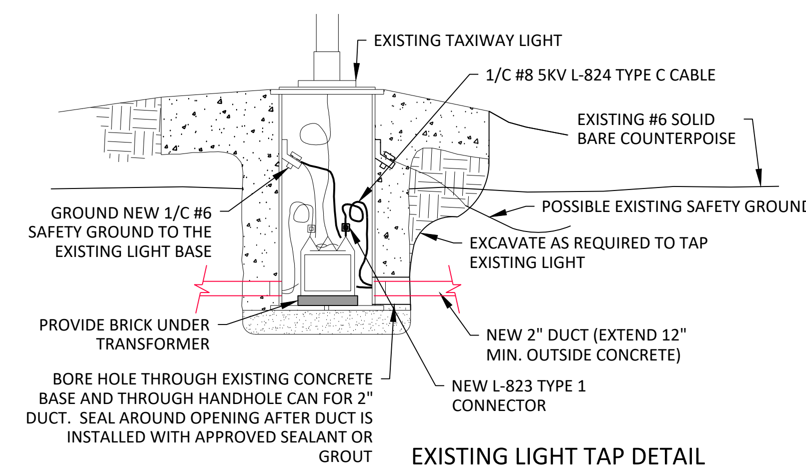
NOTES:
1. GROUNDED ROD SHALL BE INCIDENTAL TO ASSOCIATED COUNTERPOISE
2. THE NUMBER OF GROUND RODS IS SITE SPECIFIC AND MAY DEPEND ON SOIL RESISTIVITY. CONTRACTOR SHALL SATISFY THEMSELVES AS TO EXISTING SOIL CONDITIONS.



TYPICAL EXISTING BASE MOUNTED TAXIWAY LIGHT IN GRASS TO BE REMOVED
No Scale

CONSTRUCTION NOTES: (#)

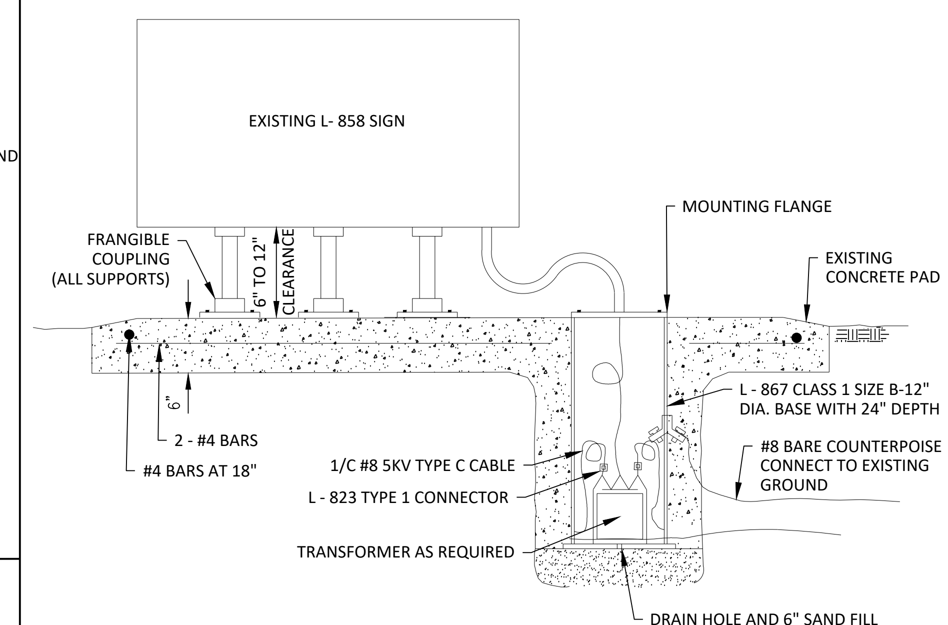
1. DISCONNECT EXISTING CABLE FROM THE TRANSFORMER. REMOVE EXISTING BASE MOUNTED TAXIWAY LIGHT INCLUDING TRANSFORMERS, MOUNTING BASE, BREAKABLE COUPLING, CONCRETE ELECTRICAL BASE, AND L-867 BASE CAN. ALL LIGHTS ARE TO BE DISPOSED OF BY CONTRACTOR OFF AIRPORT PROPERTY. REMOVE LIGHT CONCRETE AND L-867 BASE CAN TO BE DISPOSED OFF AIRPORT PROPERTY.
2. CUT THE EXISTING CABLE AND REMOVE CABLE TO EXISTING LIGHT BASE.
3. ALL LABOR AND EQUIPMENT REQUIRED TO REMOVE EXISTING BASE MOUNTED RUNWAY LIGHT (RUNWAY 17/35) EQUIPMENT AND CONCRETE BASE TO BE HAULED OFF AIRPORT PROPERTY SHALL BE PAID AS "REMOVE BASE MOUNTED TAXIWAY EDGE LIGHT".
4. BACKFILL VOIDS THAT REMAIN IN NO GREATER THAN 8 INCH LIFTS IN ACCORDANCE WITH P-152 SPECIFICATIONS.



EXISTING LIGHT TAP DETAIL
No Scale

CONSTRUCTION NOTES:

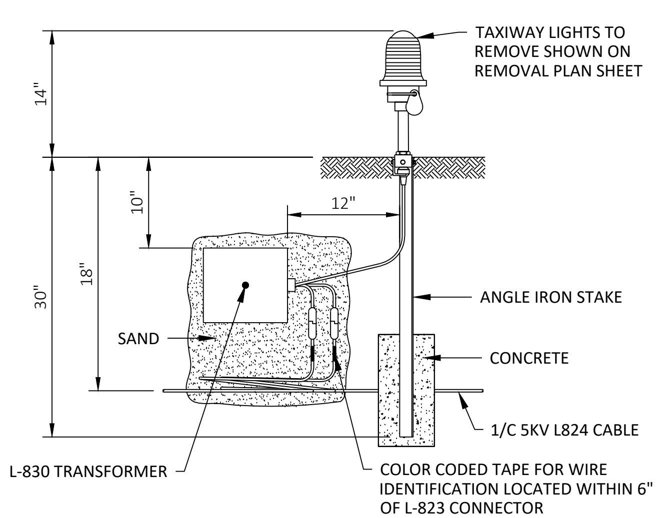
1. ALL LIGHT BASE TAPS SHALL BE INCIDENTAL TO APPLICABLE ELECTRICAL BID ITEMS.



TYPICAL EXISTING BASE MOUNTED SIGN IN GRASS TO BE REMOVED
No Scale

CONSTRUCTION NOTES: (#)

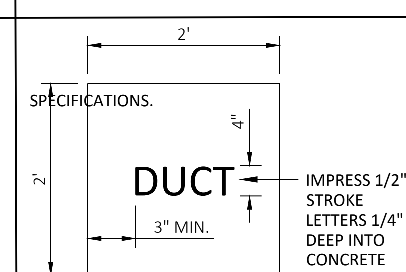
1. DISCONNECT EXISTING CABLE FROM THE TRANSFORMER. REMOVE EXISTING SIGN INCLUDING TRANSFORMERS, MOUNTING FLANGE, BREAKABLE COUPLING, CORD, CONCRETE SIGN BASE & L-867 BASE CAN. ALL SIGNS ARE TO BE DISPOSED OF BY CONTRACTOR OFF AIRPORT PROPERTY. REMOVE SIGN, CONCRETE PAD, AND L-867 BASE TO BE DISPOSED OFF AIRPORT PROPERTY.
2. CUT THE EXISTING CABLE AND REMOVE CABLE TO EXISTING SIGN.
3. ALL LABOR AND EQUIPMENT REQUIRED TO REMOVE EQUIPMENT AND CONCRETE BASE TO BE HAULED OFF AIRPORT PROPERTY SHALL BE PAID AS "REMOVE BASE MOUNTED SIGN, INCLUDING FOUNDATION, COMPLETE".
4. BACKFILL VOIDS THAT REMAIN IN NO GREATER THAN 8 INCH LIFTS IN ACCORDANCE WITH P-152 SPECIFICATIONS.



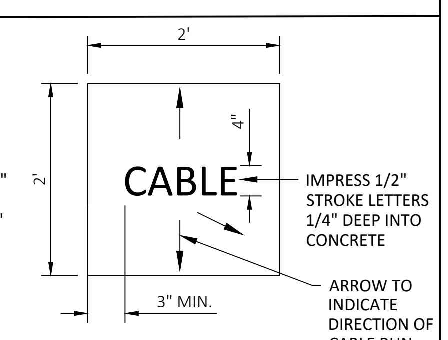
EXISTING STAKE MOUNTED TAXIWAY LIGHT IN GRASS TO BE REMOVED
No Scale

CONSTRUCTION NOTES: (#)

1. DISCONNECT EXISTING CABLE FROM THE TRANSFORMER. REMOVE EXISTING BASE MOUNTED TAXIWAY LIGHT INCLUDING TRANSFORMERS, MOUNTING BASE, BREAKABLE COUPLING, CONCRETE BASE, AND METAL STAKE. ALL REMOVED LIGHTS ARE TO BE DISPOSED OF BY CONTRACTOR OFF AIRPORT PROPERTY.
2. CUT THE EXISTING CABLE AND REMOVE CABLE TO EXISTING LIGHT BASE.
3. ALL LABOR AND EQUIPMENT REQUIRED TO REMOVE EXISTING STAKE MOUNTED TAXIWAY LIGHT, EQUIPMENT AND CONCRETE TO BE HAULED OFF AIRPORT PROPERTY SHALL BE PAID AS "REMOVE STAKE MOUNTED TAXIWAY EDGE LIGHT".
4. BACKFILL VOIDS THAT REMAIN IN NO GREATER THAN 8 INCH LIFTS IN ACCORDANCE WITH P-152



DUCT MARKER DETAIL
No Scale



CABLE MARKER DETAIL
No Scale

CONSTRUCTION NOTES: (#)

1. NO SPLICING PERMITTED IN ANY DUCT OR CONDUIT.
2. CONCRETE SLAB MARKER: 2' SQUARE AND 4" THICK EXTENDING APPROXIMATELY 1" ABOVE FINISHED GRADE. CONTRACTOR SHALL IMPRESS "DUCT" OR "CABLE" ON EACH SLAB. LETTERS SHALL BE 4" HIGH AND 3" WIDE WITH A WIDTH OF STROKE OF 1/2" AND 1/4" DEEP OR AS AVAILABLE SPACE PERMITS.
3. INSTALL CABLE MARKERS ON TRENCH AT 200 FOOT INTERVALS AND AT ALL TURNS AND JUNCTIONS. INSTALL DUCT MARKERS AT EACH NEW DUCT BANK LOCATION AND AT ALL TURNS AND JUNCTIONS.
4. REFER TO SHEET E-2 TO SHEET E-6 FOR DUCT MARKER LOCATIONS.

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

ELECTRICAL DETAILS - SHEET 1

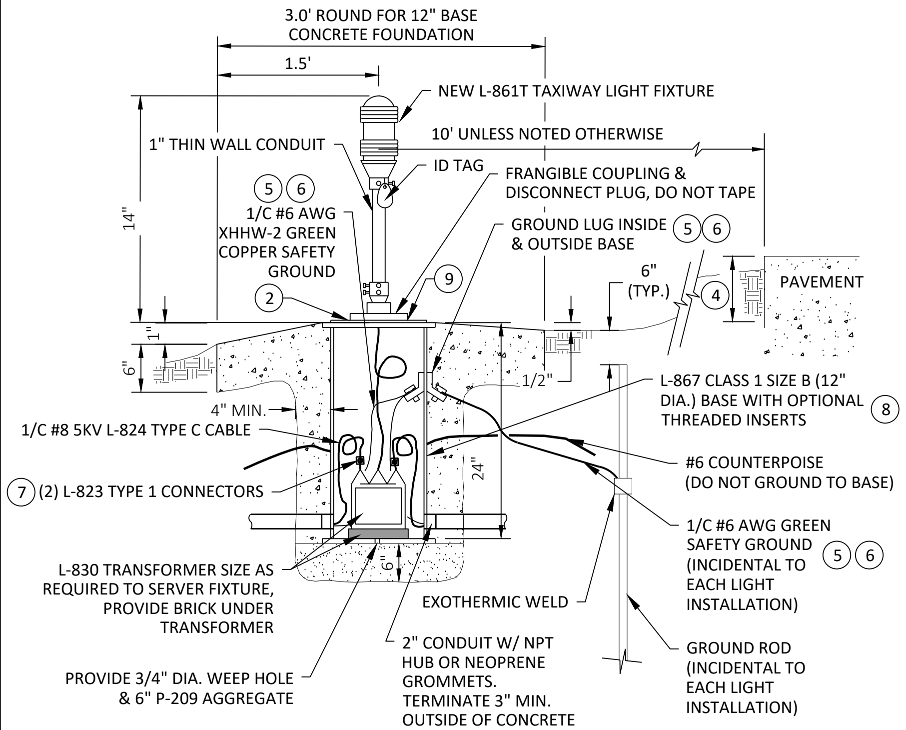
LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: CWD | REVIEWED BY: AKM | QUANTITIES CHECKED BY: AKM

SHEET 44/96 DRAWING NO. E-7

NOT FOR CONSTRUCTION

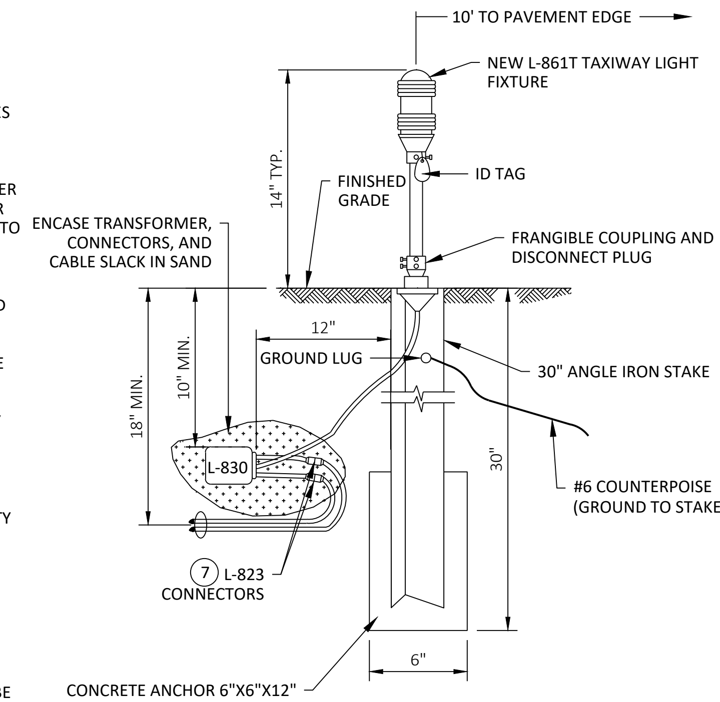


TYPICAL DETAIL FOR NEW BASE MOUNTED TAXIWAY EDGE LIGHT

No Scale

CONSTRUCTION NOTES: (#)

1. ALL PROPOSED TAXIWAY LIGHTS SHALL HAVE NON-CORROSIVE LIGHT TAGS. REFER TO THE LIGHT TAG PHOTO ON THIS SHEET. LIGHT NAMES SHALL BE AS SHOWN ON PLAN SHEETS.
2. EVERY FIFTH NEW EDGE LIGHT SHALL BE BASE MOUNTED WITH 12" DIA. BASE PLATE. ALL OTHER EDGE LIGHTS SHALL BE STAKE MOUNTED. REFER TO SCHEDULE OF LIGHTS TABLES ON SHEET E-2 TO SHEET E-6.
3. ALL FITTINGS & SCREWS SHALL BE LIGHTLY GREASED AT THE TIME OF FINAL ASSEMBLY AND FIELD INSTALLATION.
4. LIGHT BASES SHALL BE BELOW PAVEMENT EDGE ELEVATION.
5. ALL DUCT AND #6 AWG XHHW-2 GREEN SAFETY GROUND CONNECTIONS TO LIGHT BASE FOUNDATION SHALL BE INCIDENTAL TO DUCT AND CABLE BID ITEMS.
6. WHEN NEW 1/C #6 AWG XHHW-2 GREEN SAFETY GROUND WIRE IS INSTALLED, IT SHALL BE GROUNDED TO A GROUNDING LUG INSIDE THE BASE OR ON THE STAKE.
7. REFER TO ITEM L-108 OF THE CONSTRUCTION SPECIFICATIONS FOR CABLE CONNECTION REQUIREMENTS.
8. ALL NEW LIGHT AND HANDHOLE BASES SHALL BE REQUIRED TO BE FURNISHED WITH OPTIONAL REPLACEABLE THREADED INSERTS.
9. REFER TO ITEM P-610 OF THE CONSTRUCTION SPECIFICATIONS FOR CONCRETE REQUIREMENTS. L-867 SIZE B (12" DIA.) LIGHT BASES SHALL HAVE 1.5' RADIUS CONCRETE BASE. CONCRETE SHALL NOT BE PAID SEPARATELY, BUT SHALL BE INCIDENTAL TO APPLICABLE BID ITEMS.

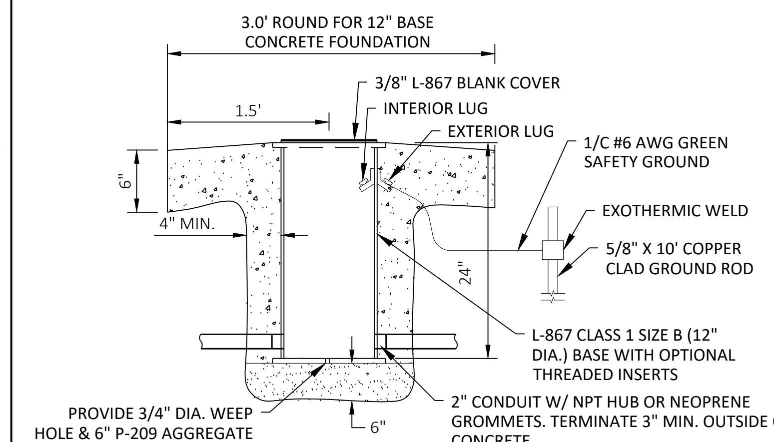


TYPICAL DETAIL FOR NEW STAKE MOUNTED TAXIWAY EDGE LIGHT

No Scale

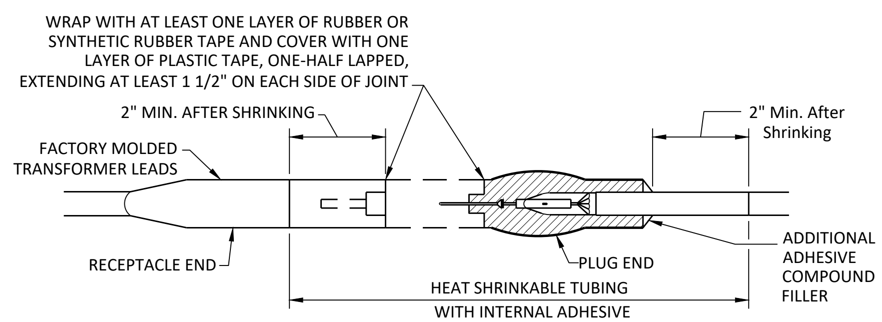
TAG PHOTO

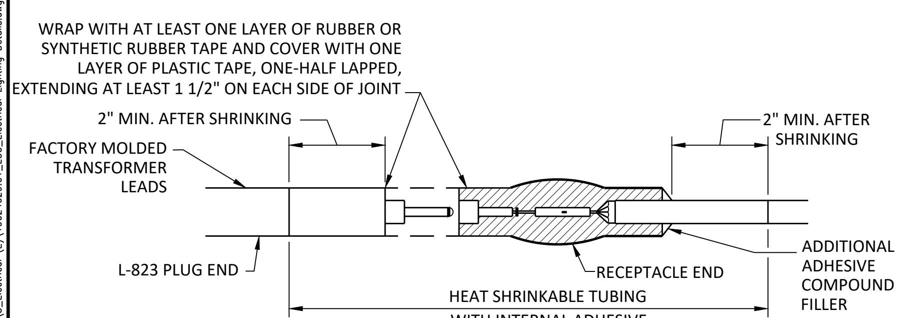
No Scale



TYPICAL DETAIL FOR ELECTRICAL HANDHOLE

No Scale





TYPE C

FOR SPLICES AT LIGHT FIXTURES OR HANDHOLES

No Scale

CABLE SPLICE DETAIL

No Scale

NOTE: INSIDE DIAMETER OF CONNECTOR SHALL PROPERLY MATCH THE OUTSIDE OF CABLE.

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

DATE: APRIL 2025

ELECTRICAL DETAILS - SHEET 2

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01
DRAWN BY: DJL DESIGNED BY: CWD REVIEWED BY: AKM QUANTITIES CHECKED BY: AKM

Last Saved: 4/16/2025 2:41:24 PM Saved By: DLEONI Plotted: 4/16/2025 2:54 PM
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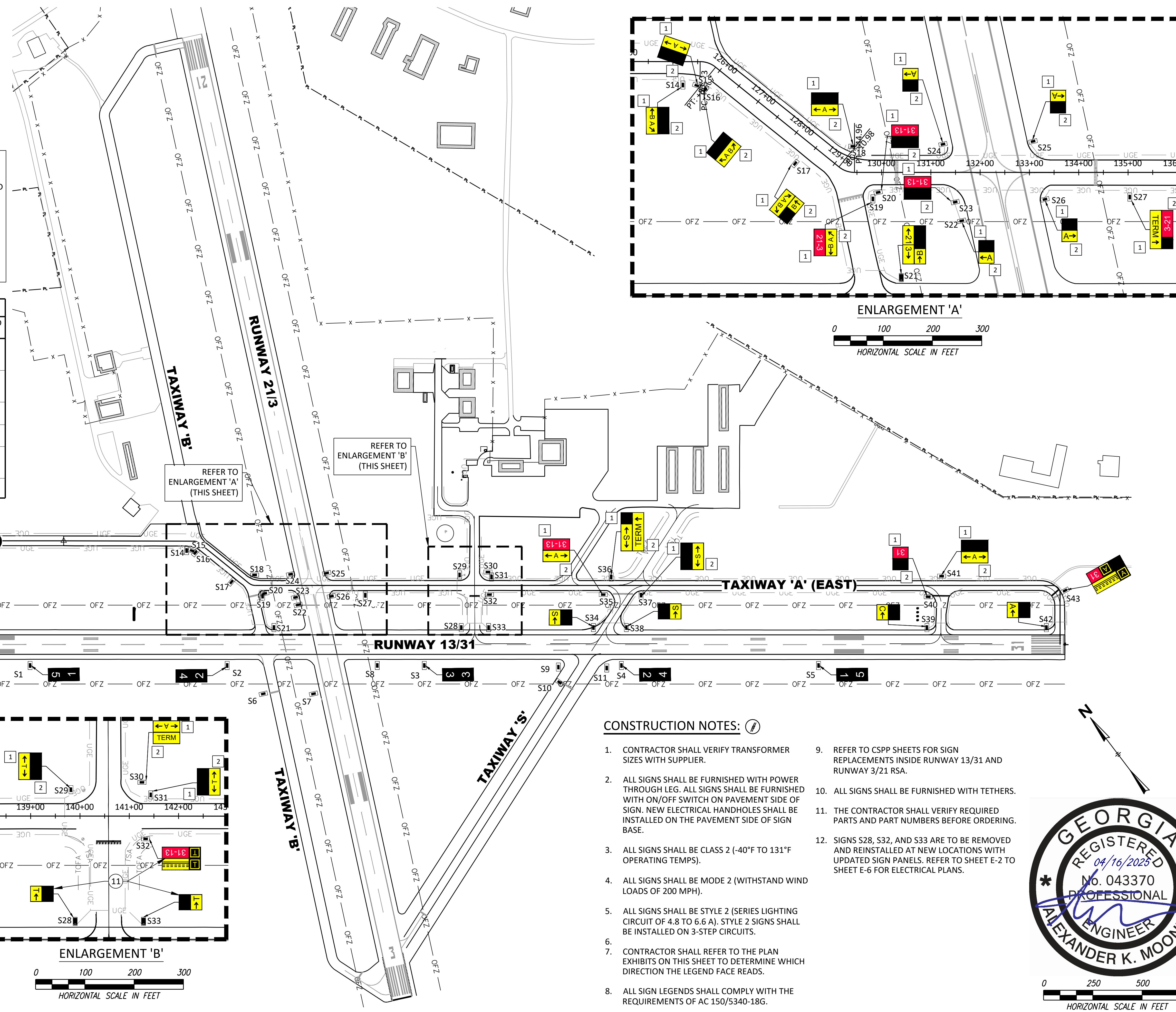
NOT FOR CONSTRUCTION



SIGN LEGEND SIZES

SIZE 1	18 INCH (IN.) LEGEND PANEL WITH A 12 IN. LEGEND
SIZE 2	24 IN. LEGEND PANEL WITH A 15 IN. LEGEND
SIZE 3	30 IN. LEGEND PANEL WITH AN 18 IN. LEGEND
SIZE 4	48 IN. LEGEND PANEL WITH A 40 IN. LEGEND
SIZE 5	30 IN. LEGEND PANEL WITH A 25 IN. LEGEND

SIGN LEGEND

TYPE L-858	PURPOSE	LEGEND COLOR	BACKGROUND COLOR
Y	DIRECTION, DESTINATION, & BOUNDARY	BLACK	YELLOW
R	MANDATORY SIGN	WHITE WITH BLACK OUTLINE	RED
L	RUNWAY/TAXIWAY LOCATION	YELLOW	BLACK
B	DISTANCE REMAINING SIGN	WHITE	BLACK
C	TAXIWAY ENDING MARKER SIGN	YELLOW 45° DIAGONAL STRIPES	BLACK
O	BLANK	NONE	OPAQUE

CONSTRUCTION NOTES:

1. CONTRACTOR SHALL VERIFY TRANSFORMER SIZES WITH SUPPLIER.
2. ALL SIGNS SHALL BE FURNISHED WITH POWER THROUGH LEG. ALL SIGNS SHALL BE FURNISHED WITH ON/OFF SWITCH ON PAVEMENT SIDE OF SIGN. NEW ELECTRICAL HANDHOLES SHALL BE INSTALLED ON THE PAVEMENT SIDE OF SIGN BASE.
3. ALL SIGNS SHALL BE CLASS 2 (-40°F TO 131°F OPERATING TEMPS).
4. ALL SIGNS SHALL BE MODE 2 (WITHSTAND WIND LOADS OF 200 MPH).
5. ALL SIGNS SHALL BE STYLE 2 (SERIES LIGHTING CIRCUIT OF 4.8 TO 6.6 A). STYLE 2 SIGNS SHALL BE INSTALLED ON 3-STEP CIRCUITS.
6.
7. CONTRACTOR SHALL REFER TO THE PLAN EXHIBITS ON THIS SHEET TO DETERMINE WHICH DIRECTION THE LEGEND FACE READS.
8. ALL SIGN LEGENDS SHALL COMPLY WITH THE REQUIREMENTS OF AC 150/5340-18G.
9. REFER TO CSPP SHEETS FOR SIGN REPLACEMENTS INSIDE RUNWAY 13/31 AND RUNWAY 3/21 RSA.
10. ALL SIGNS SHALL BE FURNISHED WITH TETHERS.
11. THE CONTRACTOR SHALL VERIFY REQUIRED PARTS AND PART NUMBERS BEFORE ORDERING.
12. SIGNS S28, S32, AND S33 ARE TO BE REMOVED AND REINSTALLED AT NEW LOCATIONS WITH UPDATED SIGN PANELS. REFER TO SHEET E-2 TO SHEET E-6 FOR ELECTRICAL PLANS.

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE APRIL 2025

EXISTING SIGN PLAN

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01
DRAWN BY: DJL DESIGNED BY: CWD REVIEWED BY: AKM QUANTITIES CHECKED BY: AKM

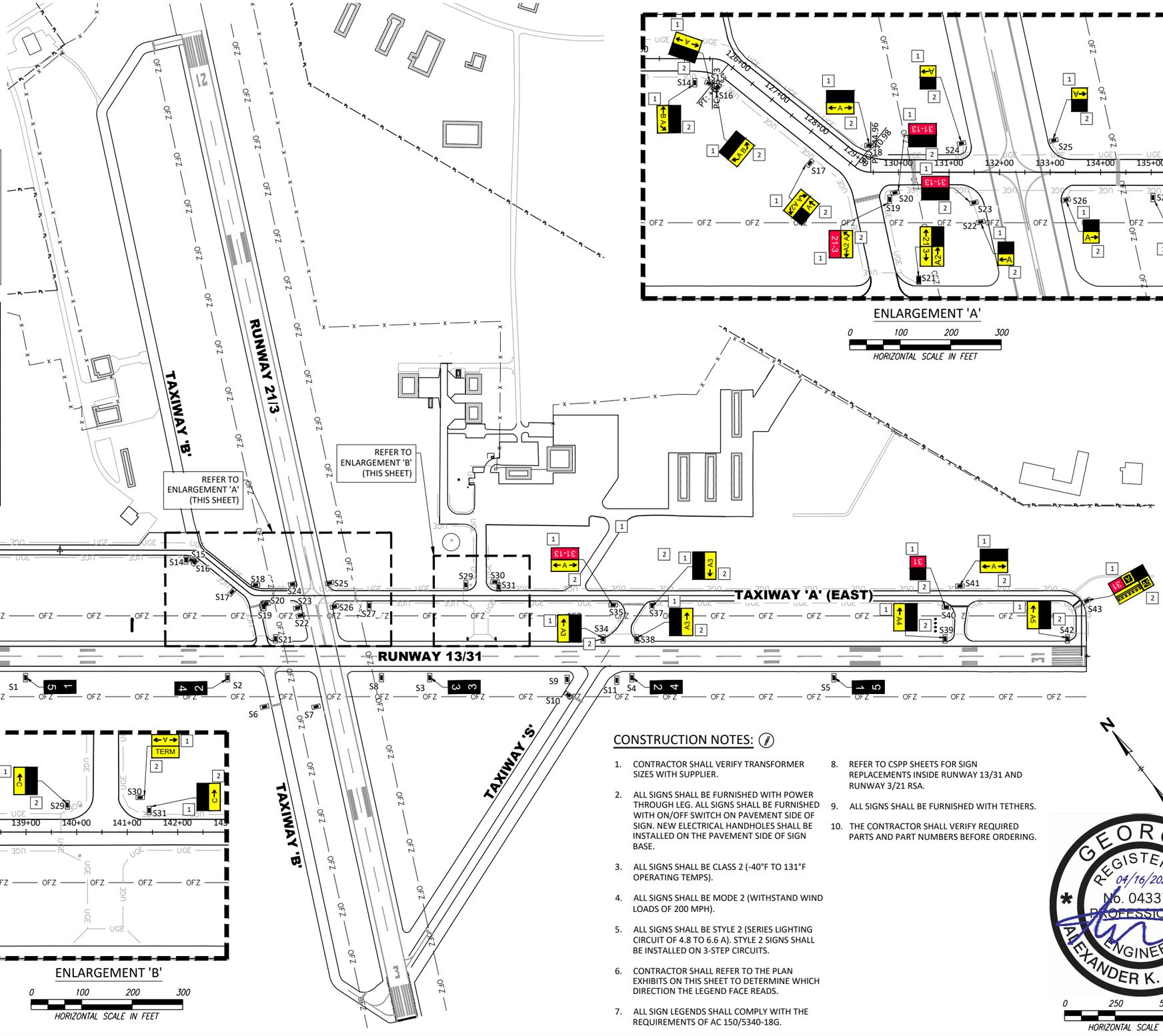
NOT FOR CONSTRUCTION

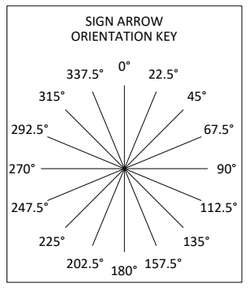
SIGN LEGEND SIZES

SIZE 1	18 INCH (IN.) LEGEND PANEL WITH A 12 IN. LEGEND
SIZE 2	24 IN. LEGEND PANEL WITH A 15 IN. LEGEND
SIZE 3	30 IN. LEGEND PANEL WITH AN 18 IN. LEGEND
SIZE 4	48 IN. LEGEND PANEL WITH A 40 IN. LEGEND
SIZE 5	30 IN. LEGEND PANEL WITH A 25 IN. LEGEND

SIGN LEGEND

TYPE L-858	PURPOSE	LEGEND COLOR	BACKGROUND COLOR
Y	DIRECTION, DESTINATION, & BOUNDARY	BLACK	YELLOW
R	MANDATORY SIGN	WHITE WITH BLACK OUTLINE	RED
L	RUNWAY/TAXIWAY LOCATION	YELLOW	BLACK
B	DISTANCE REMAINING SIGN	WHITE	BLACK
C	TAXIWAY ENDING MARKER SIGN	YELLOW 45° DIAGONAL STRIPES	BLACK
O	BLANK	NONE	OPAQUE





CONSTRUCTION NOTES:

1. CONTRACTOR SHALL VERIFY TRANSFORMER SIZES WITH SUPPLIER.
2. ALL SIGNS SHALL BE FURNISHED WITH POWER THROUGH LEG. ALL SIGNS SHALL BE FURNISHED WITH ON/OFF SWITCH ON PAVEMENT SIDE OF SIGN. NEW ELECTRICAL HANDHOLES SHALL BE INSTALLED ON THE PAVEMENT SIDE OF SIGN BASE.
3. ALL SIGNS SHALL BE CLASS 2 (-40°F TO 131°F OPERATING TEMPS).
4. ALL SIGNS SHALL BE MODE 2 (WITHSTAND WIND LOADS OF 200 MPH).
5. ALL SIGNS SHALL BE STYLE 2 (SERIES LIGHTING CIRCUIT OF 4.8 TO 6.6 A). STYLE 2 SIGNS SHALL BE INSTALLED ON 3-STEP CIRCUITS.
6. CONTRACTOR SHALL REFER TO THE PLAN EXHIBITS ON THIS SHEET TO DETERMINE WHICH DIRECTION THE LEGEND FACE READS.
7. ALL SIGN LEGENDS SHALL COMPLY WITH THE REQUIREMENTS OF AC 150/5340-18G.
8. REFER TO CSPP SHEETS FOR SIGN REPLACEMENTS INSIDE RUNWAY 13/31 AND RUNWAY 3/21 RSA.
9. ALL SIGNS SHALL BE FURNISHED WITH TETHERS.
10. THE CONTRACTOR SHALL VERIFY REQUIRED PARTS AND PART NUMBERS BEFORE ORDERING.

0 250 500 750
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
-	-	-
-	-	-
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95% GDOT SUBMITAL 7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

PROPOSED SIGN PLAN

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114

Job No. - 19024029.01

QUANTITIES BY: AKM
CHECKED BY: AKM
REVIEWED BY: CWD
DESIGNED BY: CWD
DRAWN BY: JUL

SHEET 47/96
DRAWING NO. E-10

NOT FOR CONSTRUCTION

EXISTING SIGN SCHEDULE

SIGN NO.	FACE DIRECTION (NORTH OR WEST)	FACE 1	COLOR	FACE DIRECTION (SOUTH OR EAST)	FACE 2	COLOR	NO. MODULES	CLASS	SIZE	STYLE	ARROW ANGLE (DEG)	E = EQUIPMENT ONLY	CIRCUIT
S14	WEST	B A	Y Y	EAST		O O	2	2	2		270/45	E	TAXIWAY 'A'
S15	NORTH	A	Y Y	SOUTH		O O	2	2	2		270/90	E	TAXIWAY 'A'
S16	WEST		O O	EAST	A B	Y Y	2	2	2		315/45	E	TAXIWAY 'A'
S17	WEST	A B	Y Y	EAST	B	O Y	2	2	2		315/45, 0	E	TAXIWAY 'A'
S18	NORTH		O O	SOUTH	A	Y Y	2	2	2		270/90	E	TAXIWAY 'A'
S19	WEST	21 - 3	R R	EAST	B A	Y Y	2	2	2		270/45	E	RUNWAY 13/31
S20	NORTH	31 - 13	R R	SOUTH		O O	2	2	2		---	E	RUNWAY 13/31
S22	NORTH		O	SOUTH	A	Y	1	2	2		270	E	RUNWAY 13/31
S23	NORTH	31 - 13	R R	SOUTH		O O	2	2	2		- - -	E	RUNWAY 13/31
S24	NORTH	A	Y	SOUTH		O	1	2	2		90	E	RUNWAY 13/31
S25	NORTH	A	Y	SOUTH		O	1	2	2		270	E	RUNWAY 13/31
S26	NORTH		O	SOUTH	A	Y	1	2	2		90	E	RUNWAY 13/31
S27	WEST	T E R M	Y Y Y	EAST	3 - 2 1	O R R	3	2	2		0	E	RUNWAY 13/31
S29	WEST	T	Y Y	EAST		O O	2	2	2		270/90	E	RUNWAY 17/35
S30	NORTH	A	Y Y	SOUTH	T E R M	Y Y	2	2	2		270/90	E	TAXIWAY 'A'
S31	WEST		O O	EAST	T	Y Y	2	2	2		270/90	E	TAXIWAY 'A'
S35	NORTH	31 - 13	R R	SOUTH	A	Y Y	2	2	2		270/90	E	TAXIWAY 'A'
S36	WEST	S	O Y Y	EAST	T E R M	Y Y Y	3	2	2		270/90, 0	E	TAXIWAY 'A'
S37	WEST		O O	EAST	S	Y Y	2	2	2		270/90	E	TAXIWAY 'A'
S40	NORTH	31	R	SOUTH		O	1	2	2		---	E	RUNWAY 13/31
S41	NORTH		O O	SOUTH	A	Y Y	2	2	2		270/90	E	TAXIWAY 'A'
S42	WEST	A	Y	EAST		O	1	2	2		270	E	

NO.	REVISIONS	95% CDOT SUBMITAL	DATE
-	-	-	7/1/2024
-	-	-	
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-	-	-	
-	-	-	

PROJECT
TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

DATE
APRIL 2025

SIGN SCHEDULE

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: JWD | REVIEWED BY: AKM | QUANTITIES CHECKED BY: AKM

LAGRANGE - CALLAWAY AIRPORT (LGC)
LAGRANGE, GA

SHEET 48/96

DRAWING NO. E-11

Last Saved: 4/16/2025 2:47:01 PM Saved By: DLEOW Plotted: 4/16/2025 2:56 PM
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SIGN HEIGHTS AND LOCATION DISTANCES FOR TAXIWAY GUIDANCE SIGNS	
SIGN SIZE	PERPENDICULAR DISTANCE FROM DEFINED PAVEMENT EDGE TO NEAR SIDE OF SIGN (FEET)
1	10 - 20
2	20 - 35
3	35 - 60

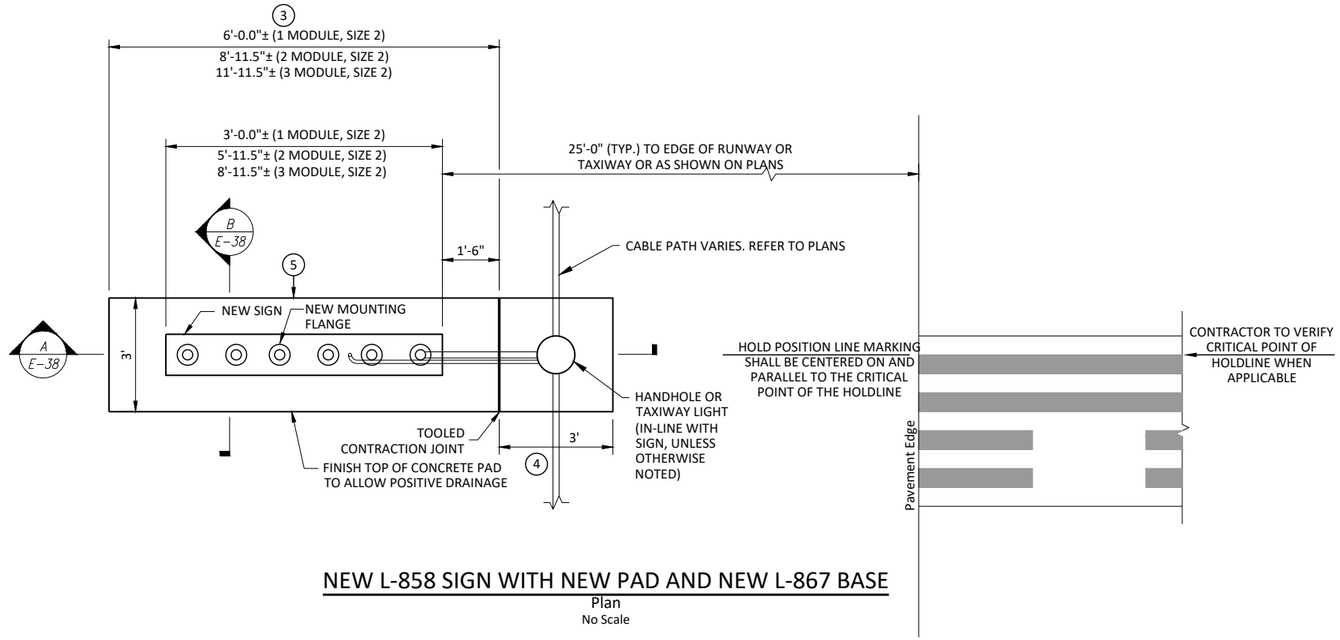
FAA AC 150/5340-18G, TABLE 1-1

SIGN HEIGHTS AND LOCATION DISTANCES FOR RUNWAY DISTANCE REMAINING SIGNS	
SIGN SIZE	PERPENDICULAR DISTANCE FROM DEFINED RUNWAY PAVEMENT EDGE TO NEAR SIDE OF SIGN (FEET)
4	50 - 75
5	20 - 35

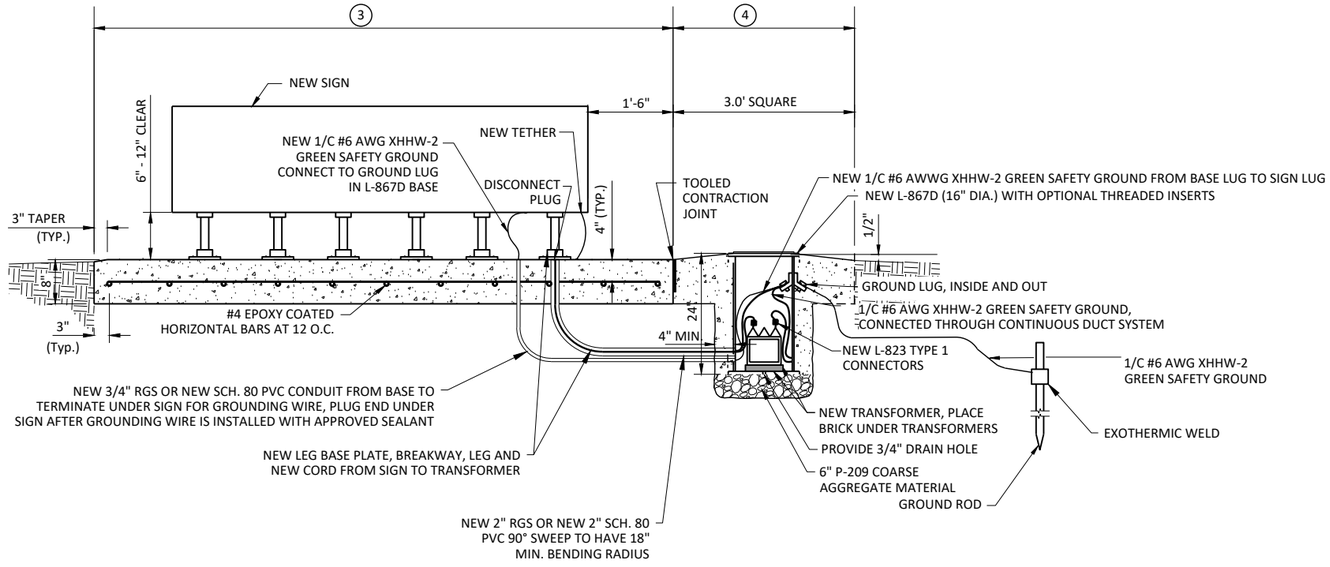
FAA AC 150/5340-18G, TABLE 2-1

NOTES: (#)

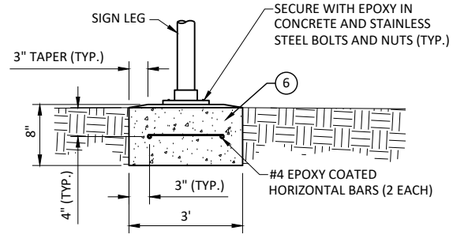
1. REFER TO SHEETS E-2 THROUGH E-6 FOR SIGN LOCATIONS.
2. REFER TO SHEET E-11 FOR SIGN SCHEDULE.
3. NEW SIGNS SHALL BE FURNISHED WITH ISOLATION TRANSFORMER, CORD FROM TRANSFORMER TO SIGN, BRICK, DISCONNECT PLUG, TETHER, MOUNTING FLANGE, LEGS, CONCRETE PAD AND ALL ITEMS NECESSARY FOR A COMPLETE OPERATIONAL SYSTEM. THE NEW SIGN AND PAD WILL BE PAID AS "MODULE MANDATORY GUIDANCE SIGN, L-858R, LED, SIZE 2, STYLE 2, MODE 1, COMPLETE".
4. NEW HANDHOLE. HANDHOLE SHALL BE FURNISHED WITH L-867D (16" DIA.) BASE WITH GROUND LUG ON INSIDE AND OUT, GROUNDING CABLE, GROUND ROD, P-209 AGGREGATE MATERIAL, CONCRETE AND ALL ITEMS NECESSARY FOR A COMPLETE OPERATIONAL SYSTEM. NEW HANDHOLE SHALL BE INCLUDED IN THE COST OF THE NEW CONCRETE SIGN BASE.
5. EXISTING EARTH MAY BE USED TO FORM THE SIGN AND BASE CAN FOUNDATION SIDES, EXCEPT THE TOP 6" MIN. SHALL BE FORMED.
6. REFER TO ITEM P-610 OF THE SPECIFICATIONS FOR CONCRETE REQUIREMENTS.
7. ALL SIGNS SHALL BE PARALLEL OR PERPENDICULAR TO ASSOCIATED TAXIWAY CENTERLINE.



NEW L-858 SIGN WITH NEW PAD AND NEW L-867 BASE
Plan
No Scale



SECTION A
No Scale



SECTION B
No Scale

GEORGIA REGISTERED No. PE046903 PROFESSIONAL ENGINEER GEOFFREY H. THIESSE

NO.	REVISIONS	DATE
1	-	7/1/2024
95% CDOT SUBMITAL		

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

SIGN DETAILS

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: JWD | REVIEWED BY: AKM | QUANTITIES CHECKED BY: AKM

SHEET 49/96 | DRAWING NO. E-12

NOT FOR CONSTRUCTION

Last Saved: 4/16/2025 2:47:01 PM Saved By: DLEOW Plotted: 4/16/2025 2:57 PM
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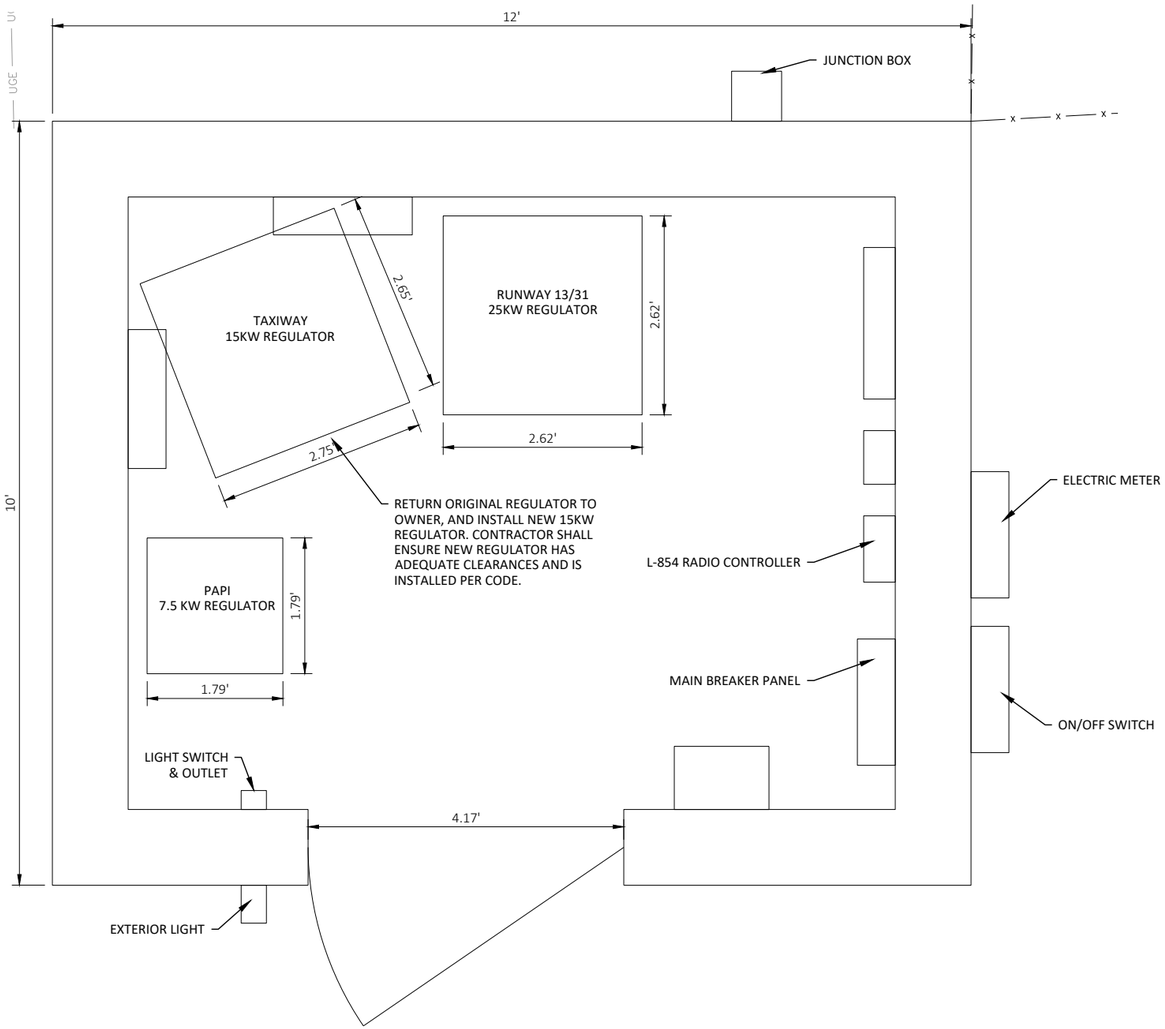
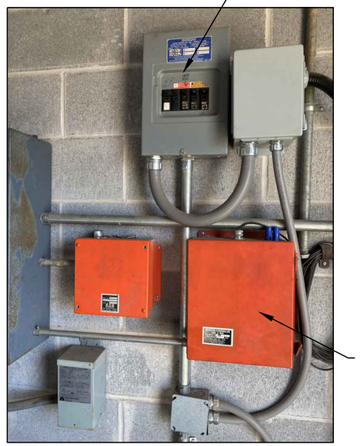
NOT FOR CONSTRUCTION



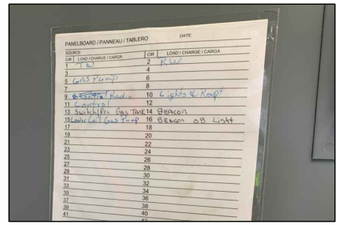
EXISTING ELECTRICAL VAULT PLAN VIEW

Not To Scale



EXISTING ELECTRICAL VAULT
BREAKER PANEL AND RADIO CONTROLLER

EXISTING ELECTRICAL VAULT
MAIN BREAKER PANEL



EXISTING ELECTRICAL VAULT
MAIN BREAKER PANEL SCHEDULE

CONSTRUCTION NOTES:

1. REFER TO SHEET E-2 TO SHEET E-6 FOR PROPOSED AIRFIELD CIRCUITRY PLANS.

2. NEW WORK TO BE COMPLETED WITHIN THE VAULT CONSISTS GENERALLY OF THE FOLLOWING:
   - 2.1. INSTALLING ONE NEW L-828 REGULATOR (TAXIWAY 'A')
   - 2.2. INSTALLING NEW CONTROL WIRING FROM RELAY CONTROL TO REGULATOR

3. CONNECT ALL REGULATORS TO OPERATE IN MODES ACCORDING TO RADIO INPUT.

GEORGIA REGISTERED No. PE046903 PROFESSIONAL ENGINEER GEOFFREY H. THIESSE

NO.	REVISIONS	95% GDOT SUBMITAL	DATE
1	-	-	7/1/2024
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

EXISTING ELECTRICAL VAULT PLAN & DETAILS

LAGRANGE - CALLAWAY AIRPORT (LGC)
LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114

Job No. - 19024029.01

DRAWN: DJL | DESIGNED: CWD | REVIEWED: AKM | QUANTITIES CHECKED: AKM

SHEET 50/96

DRAWING NO. E-13

Last Saved: 4/16/2025 2:09:50 PM Saved By: DLEON Plotted: 4/16/2025 2:58 PM
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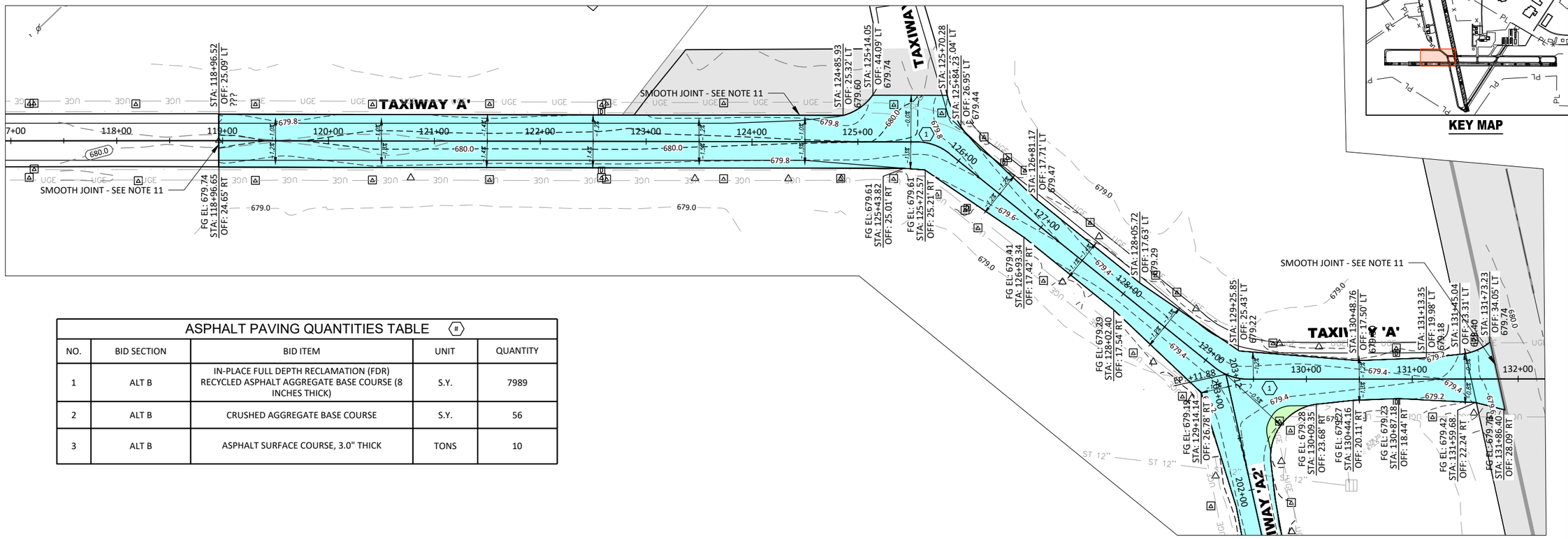
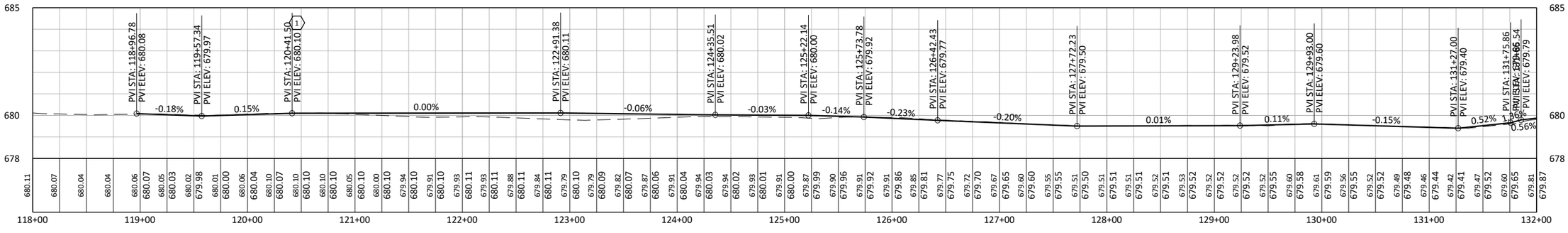
NOT FOR CONSTRUCTION



ASPHALT PAVING QUANTITIES TABLE (#)				
NO.	BID SECTION	BID ITEM	UNIT	QUANTITY
1	ALT B	IN-PLACE FULL DEPTH RECLAMATION (FDR) RECYCLED ASPHALT AGGREGATE BASE COURSE (8 INCHES THICK)	S.Y.	7989
2	ALT B	CRUSHED AGGREGATE BASE COURSE	S.Y.	56
3	ALT B	ASPHALT SURFACE COURSE, 3.0" THICK	TONS	10



TAXIWAY 'A' ALIGNMENT PROFILE

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET G-4 FOR ALIGNMENT CONTROL.
2. REFER TO SHEET R-1 TO SHEET R-6 FOR REMOVAL PLANS AND EXISTING PAVEMENT SECTIONS.
3. REFER TO SHEET P-15 TO SHEET P-16 FOR TYPICAL TAXIWAY PAVING SECTIONS.
4. REFER TO SHEET P-11 TO SHEET P-14 FOR SPOT ELEVATIONS.
5. REFER TO SHEET EC-1 TO SHEET EC-21 FOR EROSION CONTROL MEASURES.
6. REFER TO SHEET E-1 TO SHEET E-13 FOR ELECTRICAL PLANS AND DETAILS.
7. REFER TO SHEET GR-1 TO SHEET GR-3 FOR GRADING PLANS AND SECTIONS.
8. EXISTING ASPHALT PAVEMENT THICKNESS VARIES, REFER TO EXISTING PAVEMENT CORE THICKNESSES ON SHEET G-10 TO SHEET G-12.
9. BUILD ASPHALT SURFACE COURSE APPROXIMATELY 2 INCHES. CONTRACTOR TO MAINTAIN CROSS SLOPES AS SHOWN ON PLANS AND TO ADJUST OVERLAY THICKNESS TO MEET CROSS SLOPE REQUIREMENTS. APPLY EMULSIFIED ASPHALT TACK COAT PRIOR TO SURFACE COURSE LIFT.
10. SAW AND SEAL THE JOINT BETWEEN NEW AND EXISTING ASPHALT WITH P-605 SEALANT, INCIDENTAL TO ASPHALT SURFACE COURSE. REFER TO DETAIL ON SHEET P-17.
11. AFTER MILLING AND PRIOR TO BUILDING NEW ASPHALT SURFACE COURSE, REPAIR MILLED SURFACE AT LOCATIONS DESIGNATED BY THE ENGINEER. REFER TO DETAILS ON SHEET P-17.

LEGEND

- PROPOSED HMA OVERLAY
- PROPOSED ASPHALT PAVEMENT
- PROPOSED ASPHALT PAVEMENT WITH RECYCLED ASPHALT AGGREGATE BASE COURSE
- EXISTING ASPHALT PAVEMENT

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONE

0 50 100 150
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
-	95% CDOT SUBMITAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

PAVING PLAN & PROFILE - SHEET 1

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 51/96 | DRAWING NO. P-1

Last Saved: 3/26/2025 5:26:40 PM Saved By: DLEOM Plotted: 4/10/2025 12:13 PM
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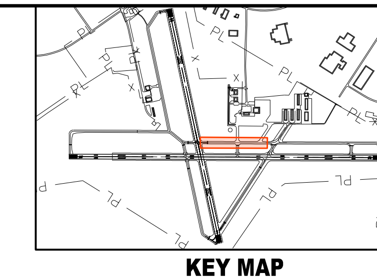
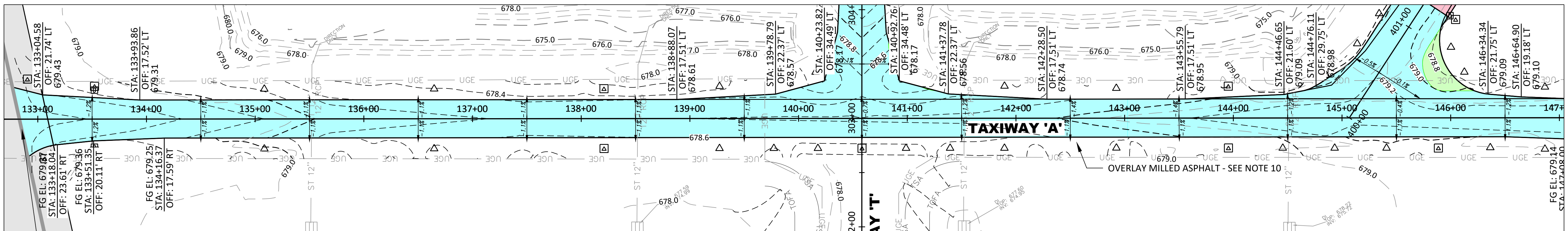
NOT FOR CONSTRUCTION

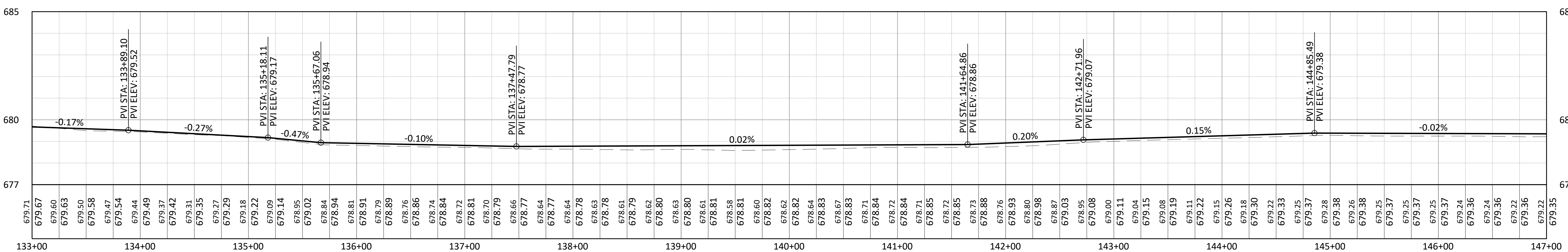
ASPHALT PAVING QUANTITIES TABLE (#)

NO.	BID SECTION	BID ITEM	UNIT	QUANTITY
1	ALT B	IN-PLACE FULL DEPTH RECLAMATION (FDR) RECYCLED ASPHALT AGGREGATE BASE COURSE (8 INCHES THICK)	S.Y.	7989
2	ALT B	CRUSHED AGGREGATE BASE COURSE	S.Y.	56
3	ALT B	ASPHALT SURFACE COURSE, 3.0" THICK	TONS	10
4	ALT B	EMULSIFIED ASPHALT PRIME COAT	TONS	-





SMOOTH JOINT - SEE NOTE 11



TAXIWAY 'A' ALIGNMENT PROFILE

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET G-4 FOR ALIGNMENT CONTROL.
2. REFER TO SHEET R-1 TO SHEET R-6 FOR REMOVAL PLANS AND EXISTING PAVEMENT SECTIONS.
3. REFER TO SHEET P-15 TO SHEET P-16 FOR TYPICAL TAXIWAY PAVING SECTIONS.
4. REFER TO SHEET P-11 TO SHEET P-14 FOR SPOT ELEVATIONS.
5. REFER TO SHEET EC-1 TO SHEET EC-21 FOR EROSION CONTROL MEASURES.
6. REFER TO SHEET E-1 TO SHEET E-13 FOR ELECTRICAL PLANS AND DETAILS.
7. REFER TO SHEET GR-1 TO SHEET GR-3 FOR GRADING PLANS AND SECTIONS.
8. EXISTING ASPHALT PAVEMENT THICKNESS VARIES, REFER TO EXISTING PAVEMENT CORE THICKNESSES ON SHEET G-10 TO SHEET G-12.
9. BUILD ASPHALT SURFACE COURSE APPROXIMATELY 2 INCHES. CONTRACTOR TO MAINTAIN CROSS SLOPES AS SHOWN ON PLANS AND TO ADJUST OVERLAY THICKNESS TO MEET CROSS SLOPE REQUIREMENTS. APPLY EMULSIFIED ASPHALT TACK COAT PRIOR TO SURFACE COURSE LIFT.
10. SAW AND SEAL THE JOINT BETWEEN NEW AND EXISTING ASPHALT WITH P-605 SEALANT, INCIDENTAL TO ASPHALT SURFACE COURSE. REFER TO DETAIL ON SHEET P-17.
11. AFTER MILLING AND PRIOR TO BUILDING NEW ASPHALT SURFACE COURSE, REPAIR MILLED SURFACE AT LOCATIONS DESIGNATED BY THE ENGINEER. REFER TO DETAILS ON SHEET P-17.

LEGEND

- PROPOSED HMA OVERLAY
- PROPOSED ASPHALT PAVEMENT
- PROPOSED ASPHALT PAVEMENT WITH RECYCLED ASPHALT AGGREGATE BASE COURSE
- EXISTING ASPHALT PAVEMENT

0 50 100 150
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

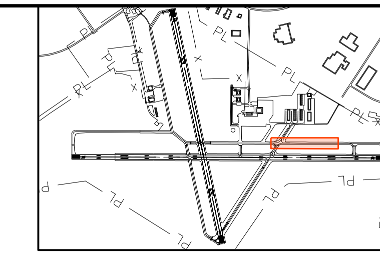
PAVING PLAN & PROFILE - SHEET 2

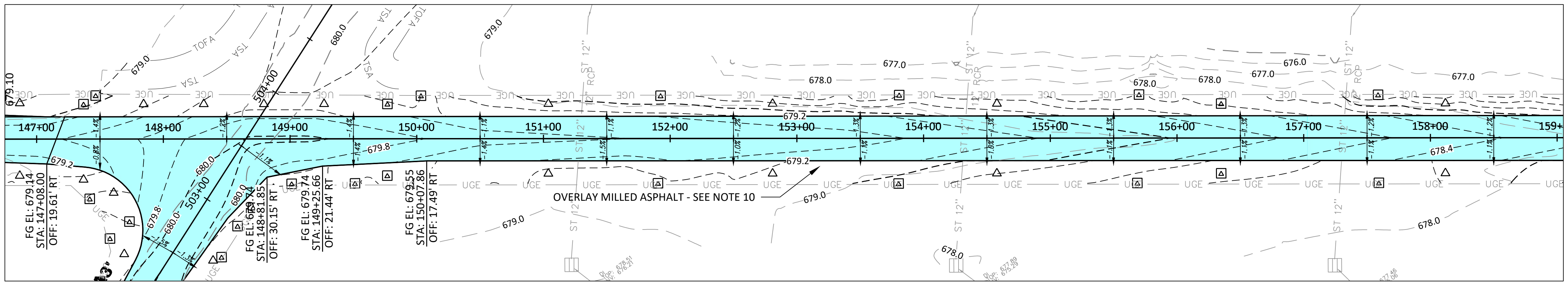
LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

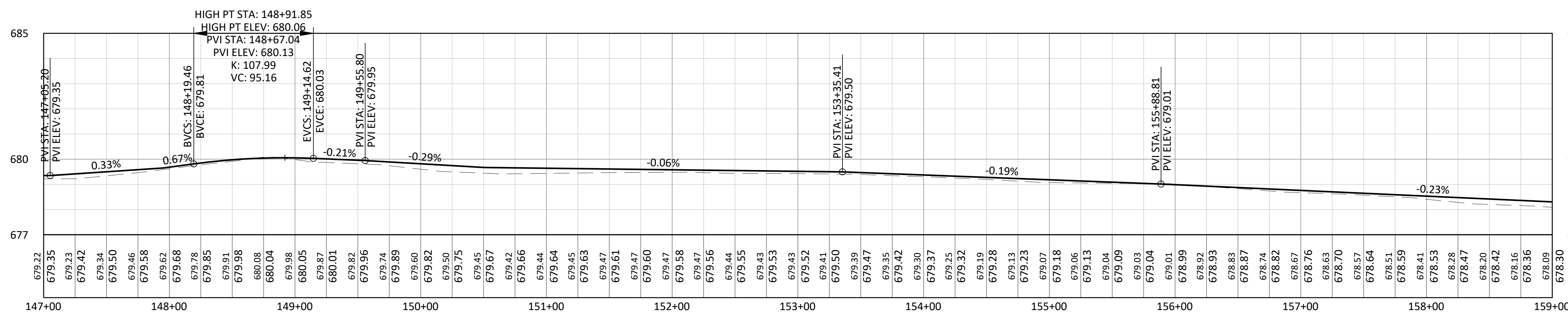
benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 52/96 | DRAWING NO. P-2







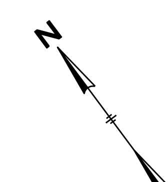
TAXIWAY 'A' ALIGNMENT PROFILE

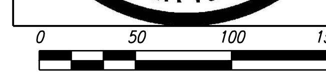
CONSTRUCTION NOTES: (#)

1. REFER TO SHEET G-4 FOR ALIGNMENT CONTROL.
2. REFER TO SHEET R-1 TO SHEET R-6 FOR REMOVAL PLANS AND EXISTING PAVEMENT SECTIONS.
3. REFER TO SHEET P-15 TO SHEET P-16 FOR TYPICAL TAXIWAY PAVING SECTIONS.
4. REFER TO SHEET P-11 TO SHEET P-14 FOR SPOT ELEVATIONS.
5. REFER TO SHEET EC-1 TO SHEET EC-21 FOR EROSION CONTROL MEASURES.
6. REFER TO SHEET E-1 TO SHEET E-13 FOR ELECTRICAL PLANS AND DETAILS.
7. REFER TO SHEET GR-1 TO SHEET GR-3 FOR GRADING PLANS AND SECTIONS.
8. EXISTING ASPHALT PAVEMENT THICKNESS VARIES, REFER TO EXISTING PAVEMENT CORE THICKNESSES ON SHEET G-10 TO SHEET G-12.
9. BUILD ASPHALT SURFACE COURSE APPROXIMATELY 2 INCHES. CONTRACTOR TO MAINTAIN CROSS SLOPES AS SHOWN ON PLANS AND TO ADJUST OVERLAY THICKNESS TO MEET CROSS SLOPE REQUIREMENTS. APPLY EMULSIFIED ASPHALT TACK COAT PRIOR TO SURFACE COURSE LIFT.
10. SAW AND SEAL THE JOINT BETWEEN NEW AND EXISTING ASPHALT WITH P-605 SEALANT, INCIDENTAL TO ASPHALT SURFACE COURSE. REFER TO DETAIL ON SHEET P-17.
11. AFTER MILLING AND PRIOR TO BUILDING NEW ASPHALT SURFACE COURSE, REPAIR MILLED SURFACE AT LOCATIONS DESIGNATED BY THE ENGINEER. REFER TO DETAILS ON SHEET P-17.

LEGEND

- PROPOSED HMA OVERLAY
- PROPOSED ASPHALT PAVEMENT
- PROPOSED ASPHALT PAVEMENT WITH RECYCLED ASPHALT AGGREGATE BASE COURSE
- EXISTING ASPHALT PAVEMENT





NO.	REVISIONS	DATE
△	95% GDOT SUBMITTAL	7/1/2024

PROJECT
TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

DATE
APRIL 2025

PAVING PLAN & PROFILE - SHEET 3

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 53/96 | DRAWING NO. P-3

Last Saved: 3/26/2025 5:26:40 PM Saved By DLEONI Plotted: 4/10/2025 12:14 PM
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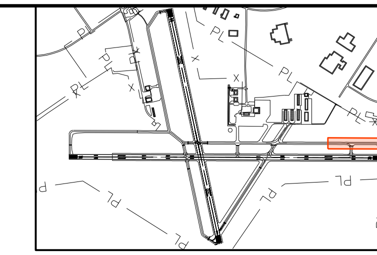
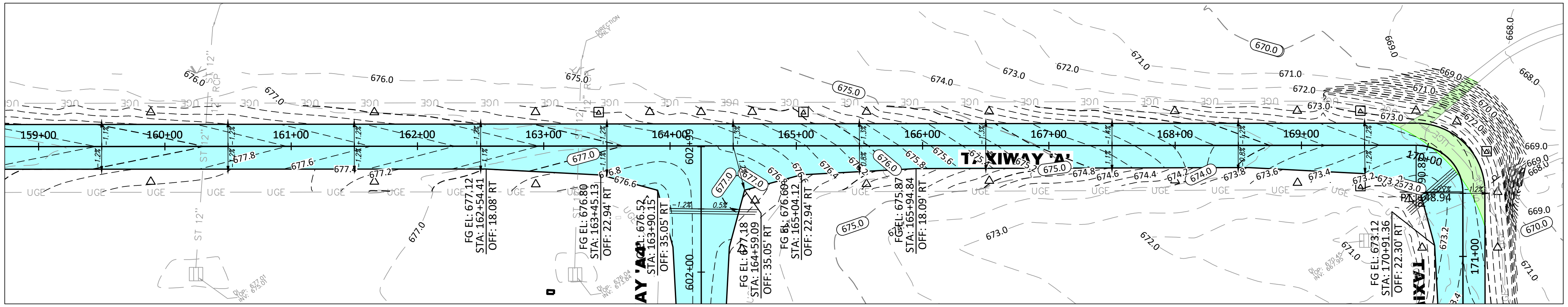
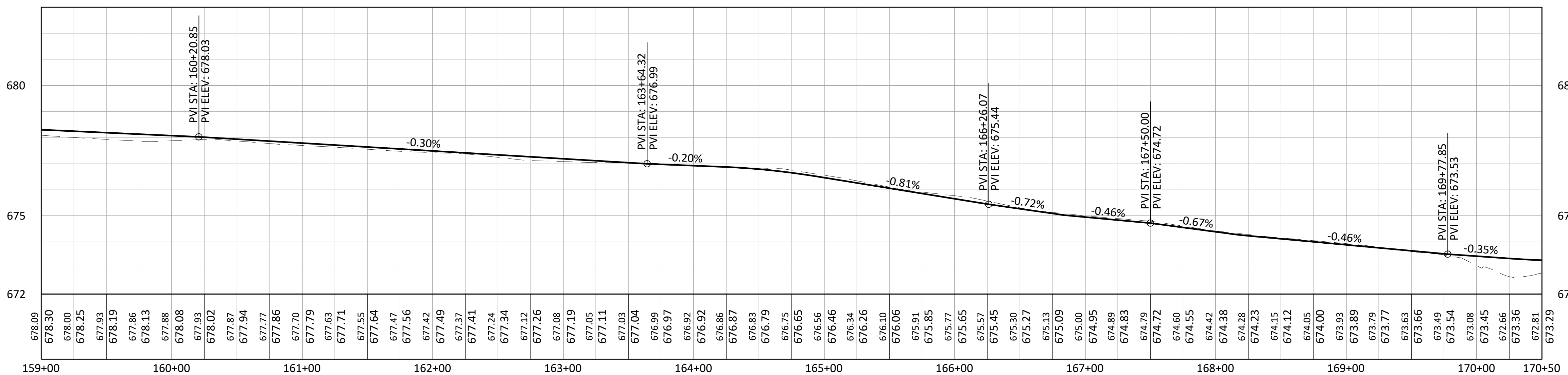
NOT FOR CONSTRUCTION







TAXIWAY 'A' ALIGNMENT PROFILE

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET G-4 FOR ALIGNMENT CONTROL.
2. REFER TO SHEET R-1 TO SHEET R-6 FOR REMOVAL PLANS AND EXISTING PAVEMENT SECTIONS.
3. REFER TO SHEET P-15 TO SHEET P-16 FOR TYPICAL TAXIWAY PAVING SECTIONS.
4. REFER TO SHEET P-11 TO SHEET P-14 FOR SPOT ELEVATIONS.
5. REFER TO SHEET EC-1 TO SHEET EC-21 FOR EROSION CONTROL MEASURES.
6. REFER TO SHEET E-1 TO SHEET E-13 FOR ELECTRICAL PLANS AND DETAILS.
7. REFER TO SHEET GR-1 TO SHEET GR-3 FOR GRADING PLANS AND SECTIONS.
8. EXISTING ASPHALT PAVEMENT THICKNESS VARIES, REFER TO EXISTING PAVEMENT CORE THICKNESSES ON SHEET G-10 TO SHEET G-12.
9. BUILD ASPHALT SURFACE COURSE APPROXIMATELY 2 INCHES. CONTRACTOR TO MAINTAIN CROSS SLOPES AS SHOWN ON PLANS AND TO ADJUST OVERLAY THICKNESS TO MEET CROSS SLOPE REQUIREMENTS. APPLY EMULSIFIED ASPHALT TACK COAT PRIOR TO SURFACE COURSE LIFT.
10. SAW AND SEAL THE JOINT BETWEEN NEW AND EXISTING ASPHALT WITH P-605 SEALANT, INCIDENTAL TO ASPHALT SURFACE COURSE. REFER TO DETAIL ON SHEET P-17.
11. AFTER MILLING AND PRIOR TO BUILDING NEW ASPHALT SURFACE COURSE, REPAIR MILLED SURFACE AT LOCATIONS DESIGNATED BY THE ENGINEER. REFER TO DETAILS ON SHEET P-17.

LEGEND

- PROPOSED HMA OVERLAY
- PROPOSED ASPHALT PAVEMENT
- PROPOSED ASPHALT PAVEMENT WITH RECYCLED ASPHALT AGGREGATE BASE COURSE
- EXISTING ASPHALT PAVEMENT

GEORGIA REGISTERED No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY 04/16/2025

0 50 100 150
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
△	95% GDOT SUBMITTAL	7/1/2024

PROJECT TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE APRIL 2025

PAVING PLAN & PROFILE - SHEET 4

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01
DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 54/96 DRAWING NO. P-4

Last Saved: 3/26/2025 5:26:40 PM Saved By DLEONI Plotted: 4/10/2025 12:15 PM
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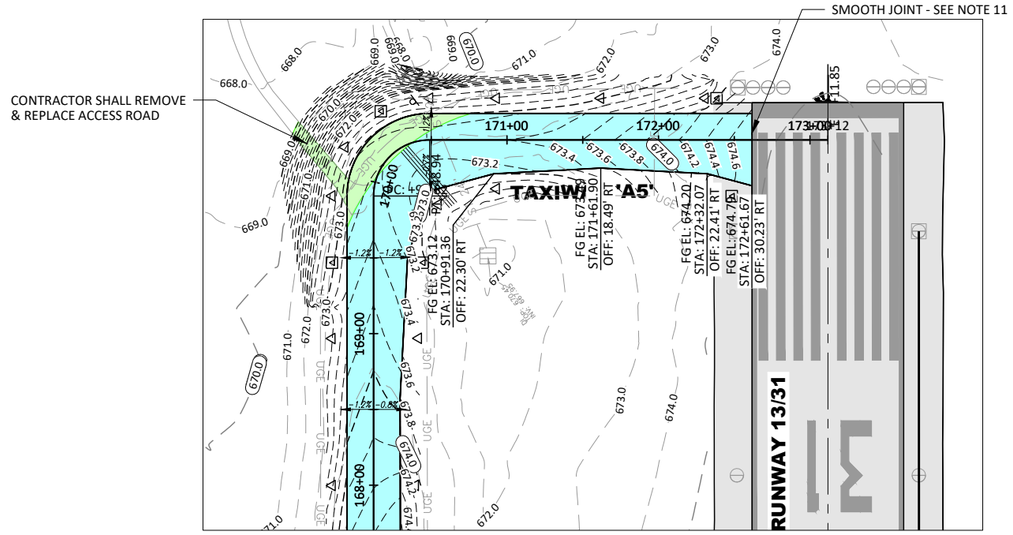

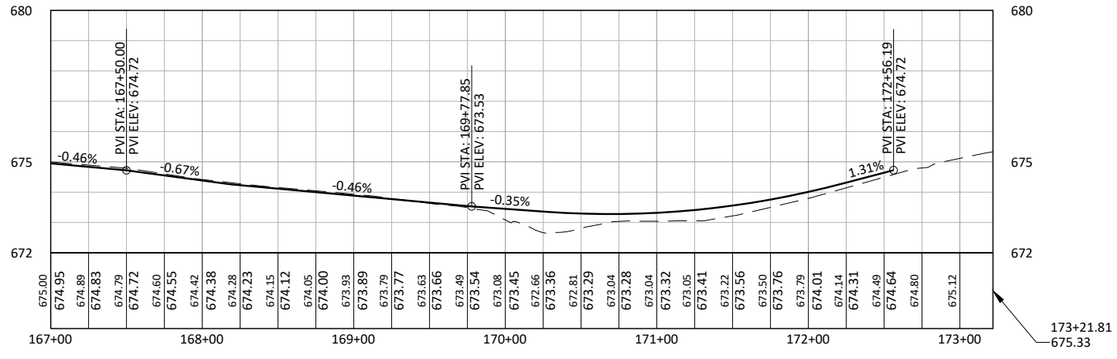

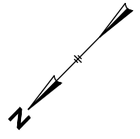

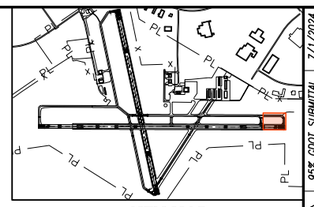

NOT FOR CONSTRUCTION

TAXIWAY 'A5' ALIGNMENT PLAN

TAXIWAY 'A' ALIGNMENT PROFILE

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET G-4 FOR ALIGNMENT CONTROL.
2. REFER TO SHEET R-1 TO SHEET R-6 FOR REMOVAL PLANS AND EXISTING PAVEMENT SECTIONS.
3. REFER TO SHEET P-15 TO SHEET P-16 FOR TYPICAL TAXIWAY PAVING SECTIONS.
4. REFER TO SHEET P-11 TO SHEET P-14 FOR SPOT ELEVATIONS.
5. REFER TO SHEET EC-1 TO SHEET EC-21 FOR EROSION CONTROL MEASURES.
6. REFER TO SHEET E-1 TO SHEET E-13 FOR ELECTRICAL PLANS AND DETAILS.
7. REFER TO SHEET GR-1 TO SHEET GR-3 FOR GRADING PLANS AND SECTIONS.
8. EXISTING ASPHALT PAVEMENT THICKNESS VARIES, REFER TO EXISTING PAVEMENT CORE THICKNESSES ON SHEET G-10 TO SHEET G-12.
9. BUILD ASPHALT SURFACE COURSE APPROXIMATELY 2 INCHES. CONTRACTOR TO MAINTAIN CROSS SLOPES AS SHOWN ON PLANS AND TO ADJUST OVERLAY THICKNESS TO MEET CROSS SLOPE REQUIREMENTS. APPLY EMULSIFIED ASPHALT TACK COAT PRIOR TO SURFACE COURSE LIFT.
10. SAW AND SEAL THE JOINT BETWEEN NEW AND EXISTING ASPHALT WITH P-605 SEALANT, INCIDENTAL TO ASPHALT SURFACE COURSE. REFER TO DETAIL ON SHEET P-17.
11. AFTER MILLING AND PRIOR TO BUILDING NEW ASPHALT SURFACE COURSE, REPAIR MILLED SURFACE AT LOCATIONS DESIGNATED BY THE ENGINEER. REFER TO DETAILS ON SHEET P-17.

LEGEND

🟥	PROPOSED HMA OVERLAY
🟩	PROPOSED ASPHALT PAVEMENT
🟦	PROPOSED ASPHALT PAVEMENT WITH RECYCLED ASPHALT AGGREGATE BASE COURSE
▨	EXISTING ASPHALT PAVEMENT

04/16/2025
No. 043370
ALEXANDER K. MOONEY

0 50 100 150
HORIZONTAL SCALE IN FEET

KEY MAP

NO.	REVISIONS	DATE
△	95% GDOT SUBMITTAL	7/1/2024
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

PROJECT
TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE
APRIL 2025

PAVING PLAN & PROFILE - SHEET 5

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL
DESIGNED BY: KRT
REVIEWED BY: AWB
QUANTITIES CHECKED BY: AKM

SHEET 55/96
DRAWING NO. P-5

Last Saved: 3/26/2025 5:26:40 PM Saved By DLEONI Plotted: 4/10/2025 12:15 PM
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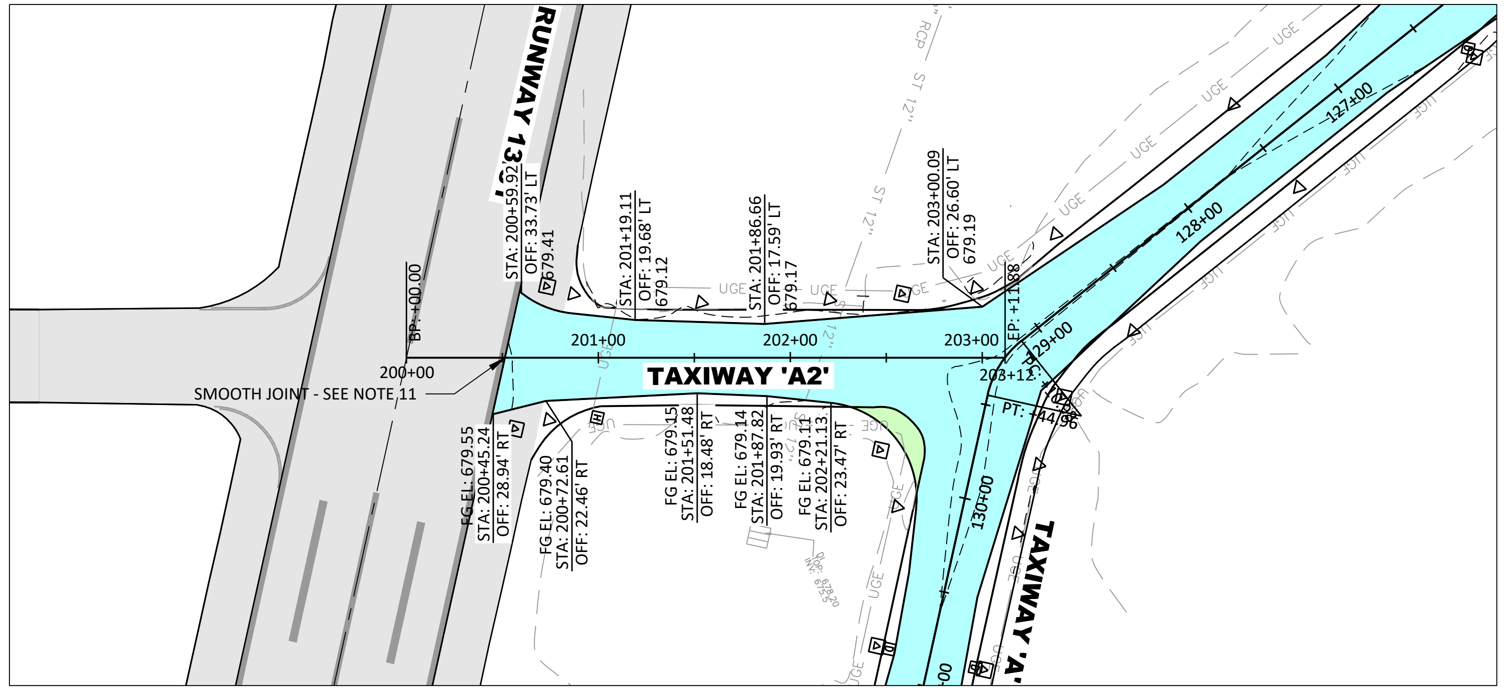
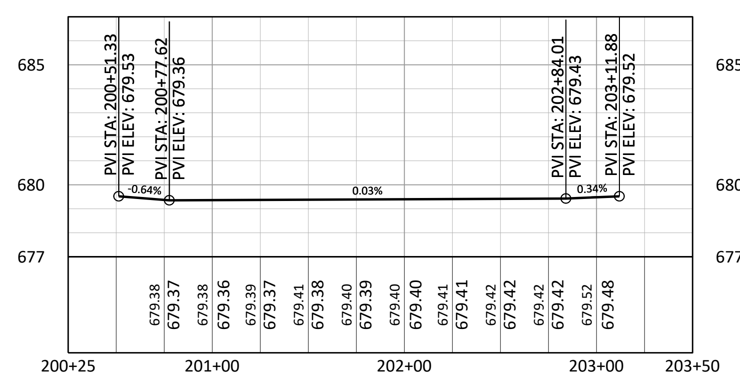
NOT FOR CONSTRUCTION





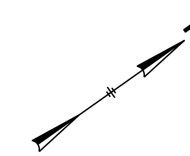
TAXIWAY A2 ALIGNMENT PROFILE

CONSTRUCTION NOTES:

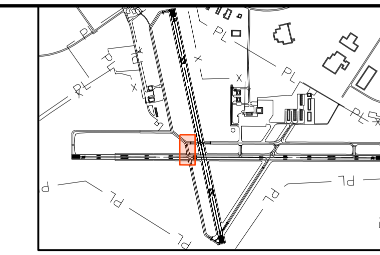
1. REFER TO SHEET G-4 FOR ALIGNMENT CONTROL.
2. REFER TO SHEET R-1 TO SHEET R-6 FOR REMOVAL PLANS AND EXISTING PAVEMENT SECTIONS.
3. REFER TO SHEET P-15 TO SHEET P-16 FOR TYPICAL TAXIWAY PAVING SECTIONS.
4. REFER TO SHEET P-11 TO SHEET P-14 FOR SPOT ELEVATIONS.
5. REFER TO SHEET EC-1 TO SHEET EC-21 FOR EROSION CONTROL MEASURES.
6. REFER TO SHEET E-1 TO SHEET E-13 FOR ELECTRICAL PLANS AND DETAILS.
7. REFER TO SHEET GR-1 TO SHEET GR-3 FOR GRADING PLANS AND SECTIONS.
8. EXISTING ASPHALT PAVEMENT THICKNESS VARIES, REFER TO EXISTING PAVEMENT CORE THICKNESSES ON SHEET G-10 TO SHEET G-12.
9. BUILD ASPHALT SURFACE COURSE APPROXIMATELY 2 INCHES. CONTRACTOR TO MAINTAIN CROSS SLOPES AS SHOWN ON PLANS AND TO ADJUST OVERLAY THICKNESS TO MEET CROSS SLOPE REQUIREMENTS. APPLY EMULSIFIED ASPHALT TACK COAT PRIOR TO SURFACE COURSE LIFT.
10. SAW AND SEAL THE JOINT BETWEEN NEW AND EXISTING ASPHALT WITH P-605 SEALANT, INCIDENTAL TO ASPHALT SURFACE COURSE. REFER TO DETAIL ON SHEET P-17.
11. AFTER MILLING AND PRIOR TO BUILDING NEW ASPHALT SURFACE COURSE, REPAIR MILLED SURFACE AT LOCATIONS DESIGNATED BY THE ENGINEER. REFER TO DETAILS ON SHEET P-17.

LEGEND

- PROPOSED HMA OVERLAY
- PROPOSED ASPHALT PAVEMENT
- PROPOSED ASPHALT PAVEMENT WITH RECYCLED ASPHALT AGGREGATE BASE COURSE
- EXISTING ASPHALT PAVEMENT



0 50 100 150
HORIZONTAL SCALE IN FEET



KEY MAP

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

DATE: APRIL 2025

PAVING PLAN & PROFILE - SHEET 6

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 56/96 | DRAWING NO. P-6

Last Saved: 3/25/2025 4:14:28 PM Saved By DLEONI Plotted: 4/10/2025 12:16 PM
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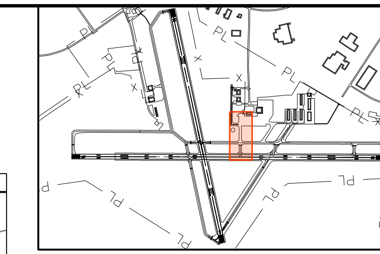

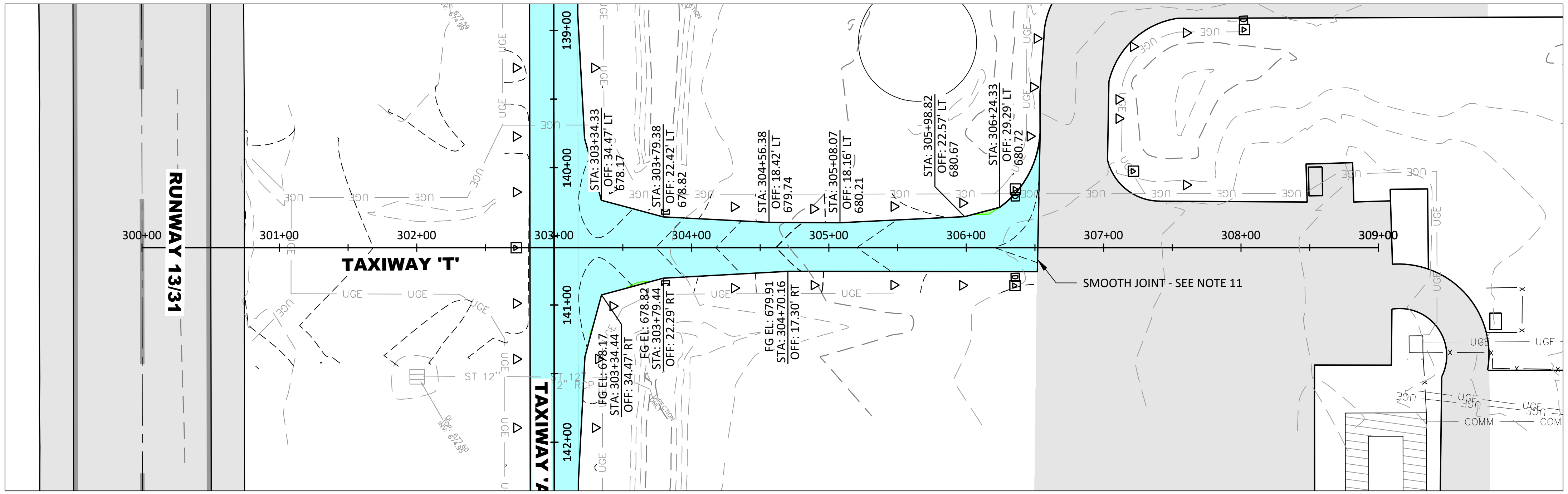

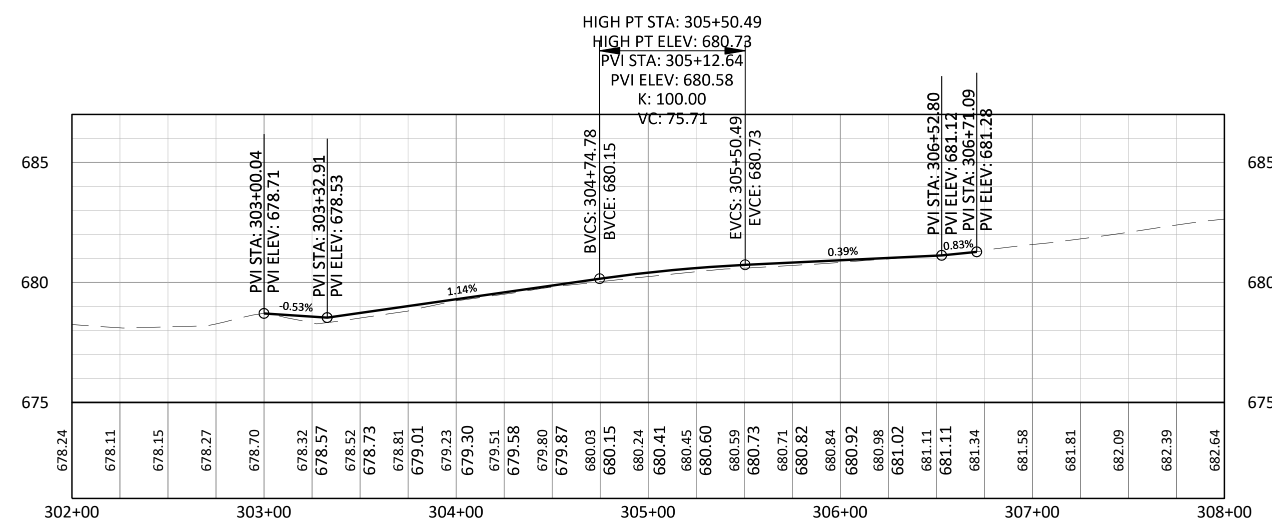

TAXIWAY T ALIGNMENT PROFILE

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET G-4 FOR ALIGNMENT CONTROL.
2. REFER TO SHEET R-1 TO SHEET R-6 FOR REMOVAL PLANS AND EXISTING PAVEMENT SECTIONS.
3. REFER TO SHEET P-15 TO SHEET P-16 FOR TYPICAL TAXIWAY PAVING SECTIONS.
4. REFER TO SHEET P-11 TO SHEET P-14 FOR SPOT ELEVATIONS.
5. REFER TO SHEET EC-1 TO SHEET EC-21 FOR EROSION CONTROL MEASURES.
6. REFER TO SHEET E-1 TO SHEET E-13 FOR ELECTRICAL PLANS AND DETAILS.
7. REFER TO SHEET GR-1 TO SHEET GR-3 FOR GRADING PLANS AND SECTIONS.
8. EXISTING ASPHALT PAVEMENT THICKNESS VARIES, REFER TO EXISTING PAVEMENT CORE THICKNESSES ON SHEET G-10 TO SHEET G-12.
9. BUILD ASPHALT SURFACE COURSE APPROXIMATELY 2 INCHES. CONTRACTOR TO MAINTAIN CROSS SLOPES AS SHOWN ON PLANS AND TO ADJUST OVERLAY THICKNESS TO MEET CROSS SLOPE REQUIREMENTS. APPLY EMULSIFIED ASPHALT TACK COAT PRIOR TO SURFACE COURSE LIFT.
10. SAW AND SEAL THE JOINT BETWEEN NEW AND EXISTING ASPHALT WITH P-605 SEALANT, INCIDENTAL TO ASPHALT SURFACE COURSE. REFER TO DETAIL ON SHEET P-17.
11. AFTER MILLING AND PRIOR TO BUILDING NEW ASPHALT SURFACE COURSE, REPAIR MILLED SURFACE AT LOCATIONS DESIGNATED BY THE ENGINEER. REFER TO DETAILS ON SHEET P-17.

LEGEND

- PROPOSED HMA OVERLAY
- PROPOSED ASPHALT PAVEMENT
- PROPOSED ASPHALT PAVEMENT WITH RECYCLED ASPHALT AGGREGATE BASE COURSE
- EXISTING ASPHALT PAVEMENT

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY

0 50 100 150
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT
TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE
APRIL 2025

PAVING PLAN & PROFILE - SHEET 7

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
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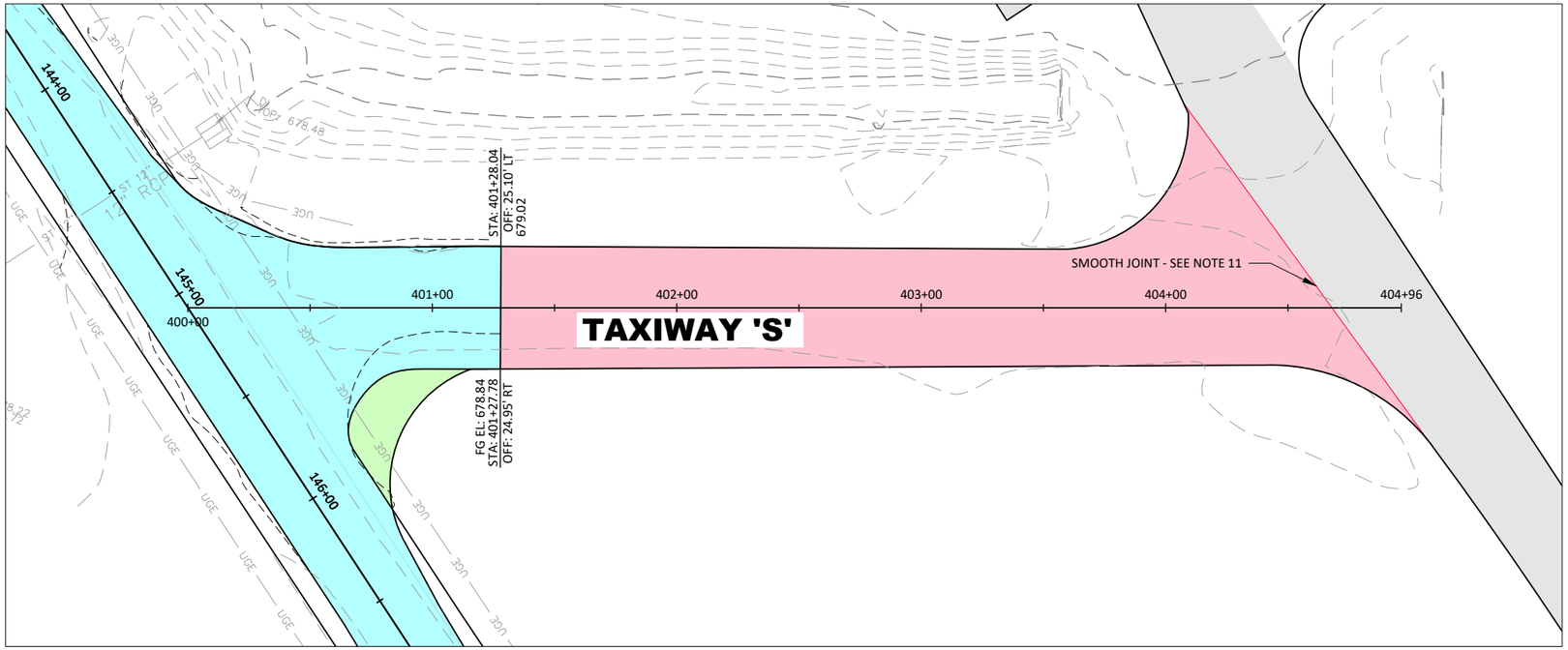
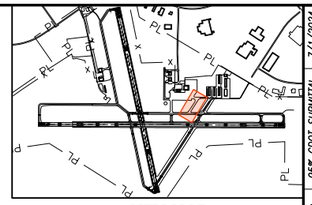
DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 57/96
DRAWING NO. P-7

NOT FOR CONSTRUCTION

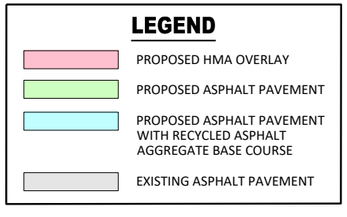




TAXIWAY S ALIGNMENT PROFILE

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET G-4 FOR ALIGNMENT CONTROL.
2. REFER TO SHEET R-1 TO SHEET R-6 FOR REMOVAL PLANS AND EXISTING PAVEMENT SECTIONS.
3. REFER TO SHEET P-15 TO SHEET P-16 FOR TYPICAL TAXIWAY PAVING SECTIONS.
4. REFER TO SHEET P-11 TO SHEET P-14 FOR SPOT ELEVATIONS.
5. REFER TO SHEET EC-1 TO SHEET EC-21 FOR EROSION CONTROL MEASURES.
6. REFER TO SHEET E-1 TO SHEET E-13 FOR ELECTRICAL PLANS AND DETAILS.
7. REFER TO SHEET GR-1 TO SHEET GR-3 FOR GRADING PLANS AND SECTIONS.
8. EXISTING ASPHALT PAVEMENT THICKNESS VARIES, REFER TO EXISTING PAVEMENT CORE THICKNESSES ON SHEET G-10 TO SHEET G-12.
9. BUILD ASPHALT SURFACE COURSE APPROXIMATELY 2 INCHES. CONTRACTOR TO MAINTAIN CROSS SLOPES AS SHOWN ON PLANS AND TO ADJUST OVERLAY THICKNESS TO MEET CROSS SLOPE REQUIREMENTS. APPLY EMULSIFIED ASPHALT TACK COAT PRIOR TO SURFACE COURSE LIFT.
10. SAW AND SEAL THE JOINT BETWEEN NEW AND EXISTING ASPHALT WITH P-605 SEALANT, INCIDENTAL TO ASPHALT SURFACE COURSE. REFER TO DETAIL ON SHEET P-17.
11. AFTER MILLING AND PRIOR TO BUILDING NEW ASPHALT SURFACE COURSE, REPAIR MILLED SURFACE AT LOCATIONS DESIGNATED BY THE ENGINEER. REFER TO DETAILS ON SHEET P-17.



0 50 100 150
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
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-	-	-
95% CDOT SUBMITTAL		7/1/2024

PROJECT
TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

DATE
APRIL 2025

PAVING PLAN & PROFILE - SHEET 8

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AVB | QUANTITIES CHECKED BY: AKM

SHEET 58/96

DRAWING NO. P-8

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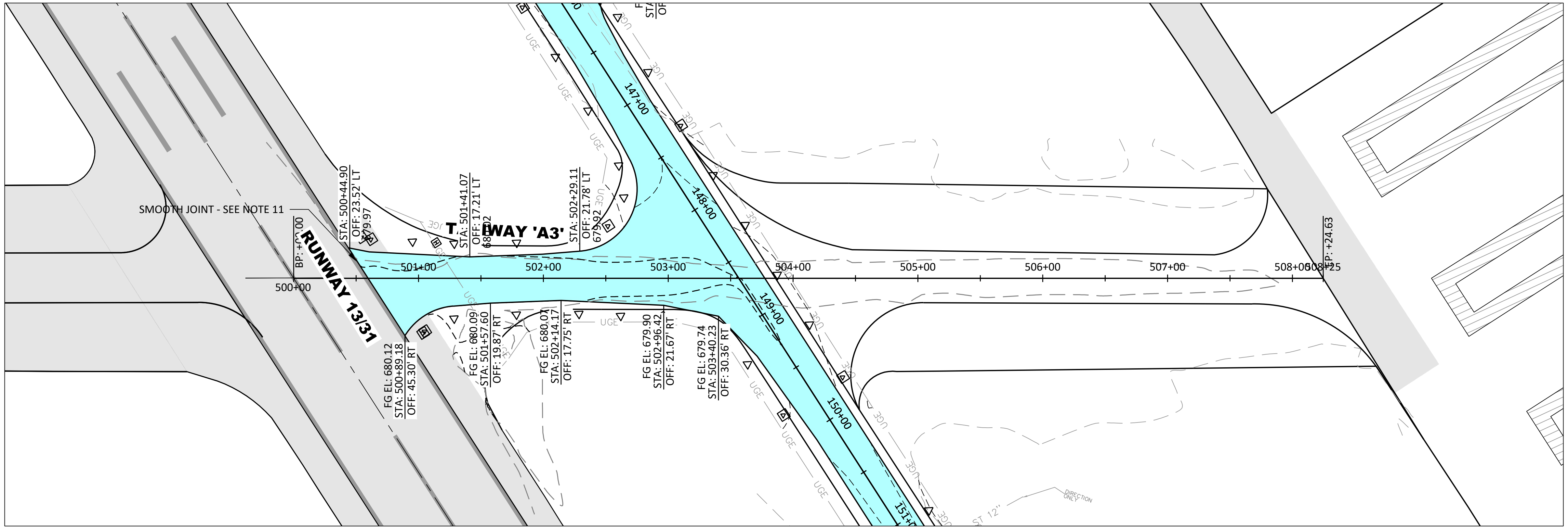
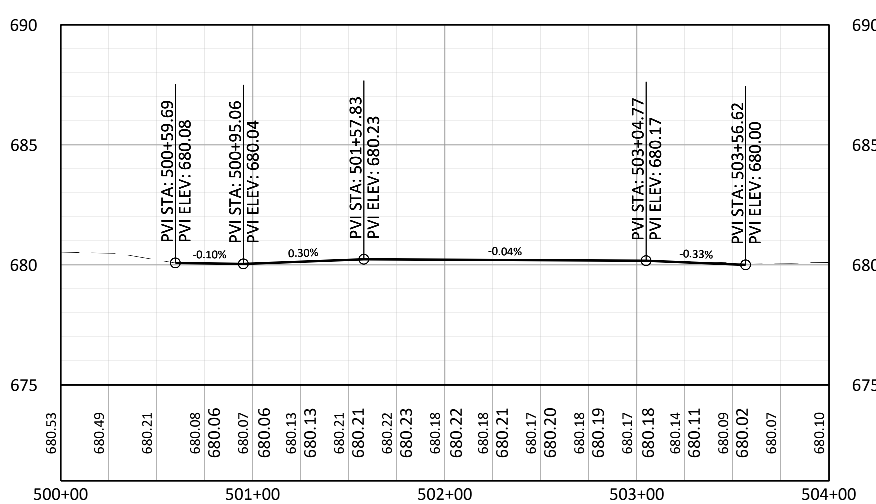




TAXIWAY A3 ALIGNMENT PROFILE

CONSTRUCTION NOTES: (#)

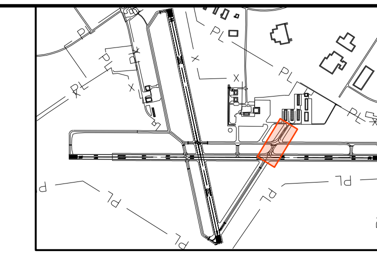
1. REFER TO SHEET G-4 FOR ALIGNMENT CONTROL.
2. REFER TO SHEET R-1 TO SHEET R-6 FOR REMOVAL PLANS AND EXISTING PAVEMENT SECTIONS.
3. REFER TO SHEET P-15 TO SHEET P-16 FOR TYPICAL TAXIWAY PAVING SECTIONS.
4. REFER TO SHEET P-11 TO SHEET P-14 FOR SPOT ELEVATIONS.
5. REFER TO SHEET EC-1 TO SHEET EC-21 FOR EROSION CONTROL MEASURES.
6. REFER TO SHEET E-1 TO SHEET E-13 FOR ELECTRICAL PLANS AND DETAILS.
7. REFER TO SHEET GR-1 TO SHEET GR-3 FOR GRADING PLANS AND SECTIONS.
8. EXISTING ASPHALT PAVEMENT THICKNESS VARIES, REFER TO EXISTING PAVEMENT CORE THICKNESSES ON SHEET G-10 TO SHEET G-12.
9. BUILD ASPHALT SURFACE COURSE APPROXIMATELY 2 INCHES. CONTRACTOR TO MAINTAIN CROSS SLOPES AS SHOWN ON PLANS AND TO ADJUST OVERLAY THICKNESS TO MEET CROSS SLOPE REQUIREMENTS. APPLY EMULSIFIED ASPHALT TACK COAT PRIOR TO SURFACE COURSE LIFT.
10. SAW AND SEAL THE JOINT BETWEEN NEW AND EXISTING ASPHALT WITH P-605 SEALANT, INCIDENTAL TO ASPHALT SURFACE COURSE. REFER TO DETAIL ON SHEET P-17.
11. AFTER MILLING AND PRIOR TO BUILDING NEW ASPHALT SURFACE COURSE, REPAIR MILLED SURFACE AT LOCATIONS DESIGNATED BY THE ENGINEER. REFER TO DETAILS ON SHEET P-17.

LEGEND

- PROPOSED HMA OVERLAY
- PROPOSED ASPHALT PAVEMENT
- PROPOSED ASPHALT PAVEMENT WITH RECYCLED ASPHALT AGGREGATE BASE COURSE
- EXISTING ASPHALT PAVEMENT

N

0 50 100 150
HORIZONTAL SCALE IN FEET



KEY MAP

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

PAVING PLAN & PROFILE - SHEET 9

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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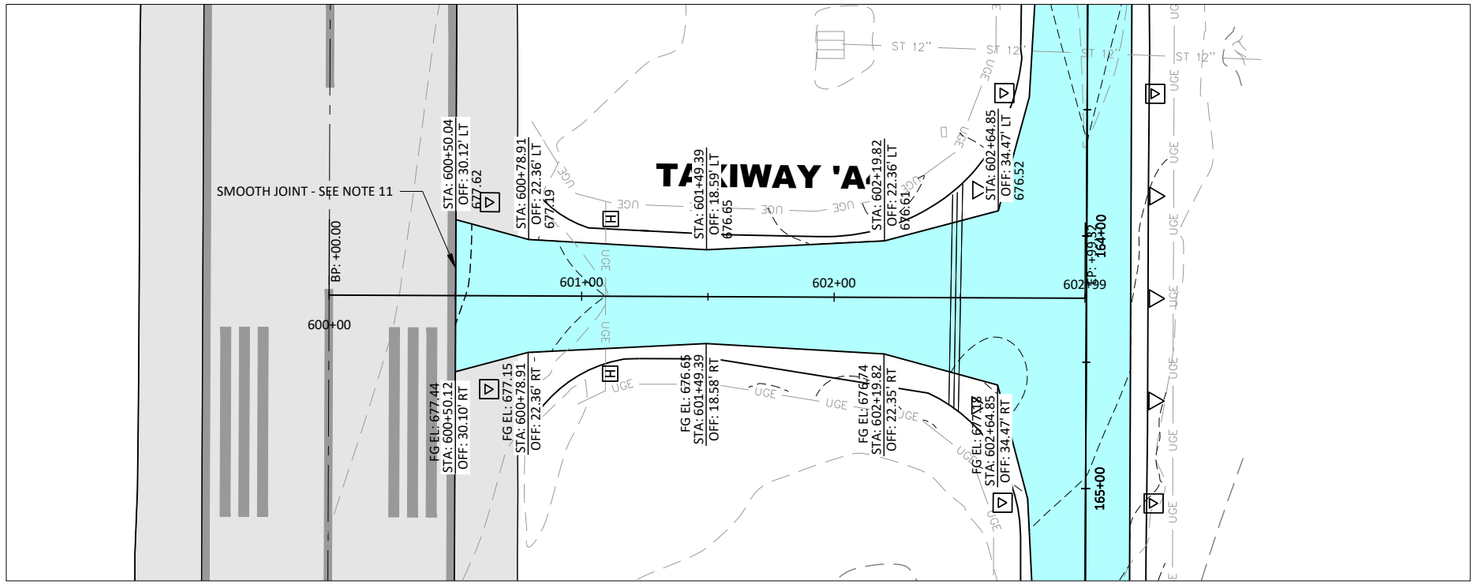
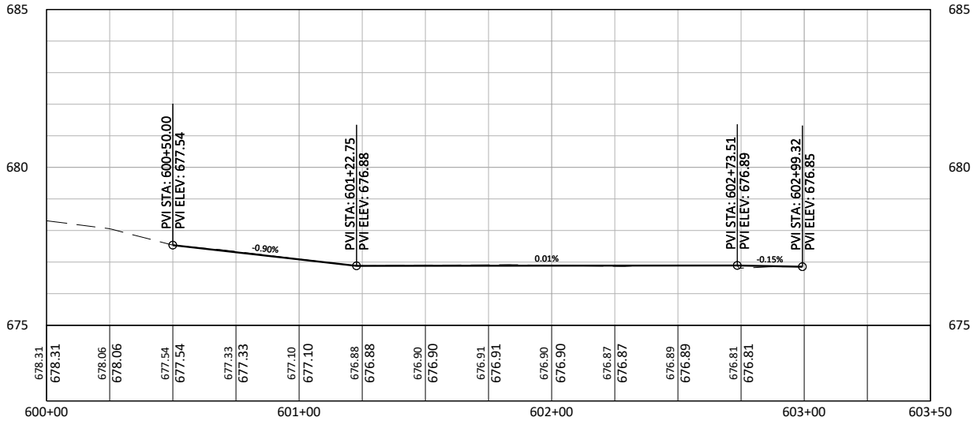
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

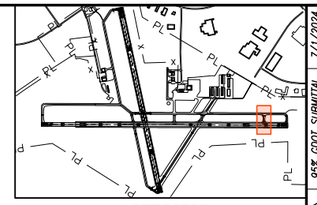
SHEET 59/96 | DRAWING NO. P-9

NOT FOR CONSTRUCTION





TAXIWAY A4 ALIGNMENT PROFILE



NO.	REVISIONS	DATE
1	95% GDOT SUBMITAL	7/1/2024

PROJECT
TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

DATE
APRIL 2025

PAVING PLAN & PROFILE - SHEET 10

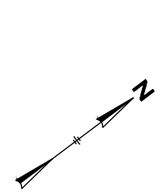
LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET G-4 FOR ALIGNMENT CONTROL.
2. REFER TO SHEET R-1 TO SHEET R-6 FOR REMOVAL PLANS AND EXISTING PAVEMENT SECTIONS.
3. REFER TO SHEET P-15 TO SHEET P-16 FOR TYPICAL TAXIWAY PAVING SECTIONS.
4. REFER TO SHEET P-11 TO SHEET P-14 FOR SPOT ELEVATIONS.
5. REFER TO SHEET EC-1 TO SHEET EC-21 FOR EROSION CONTROL MEASURES.
6. REFER TO SHEET E-1 TO SHEET E-13 FOR ELECTRICAL PLANS AND DETAILS.
7. REFER TO SHEET GR-1 TO SHEET GR-3 FOR GRADING PLANS AND SECTIONS.
8. EXISTING ASPHALT PAVEMENT THICKNESS VARIES, REFER TO EXISTING PAVEMENT CORE THICKNESSES ON SHEET G-10 TO SHEET G-12.
9. BUILD ASPHALT SURFACE COURSE APPROXIMATELY 2 INCHES. CONTRACTOR TO MAINTAIN CROSS SLOPES AS SHOWN ON PLANS AND TO ADJUST OVERLAY THICKNESS TO MEET CROSS SLOPE REQUIREMENTS. APPLY EMULSIFIED ASPHALT TACK COAT PRIOR TO SURFACE COURSE LIFT.
10. SAW AND SEAL THE JOINT BETWEEN NEW AND EXISTING ASPHALT WITH P-605 SEALANT, INCIDENTAL TO ASPHALT SURFACE COURSE. REFER TO DETAIL ON SHEET P-17.
11. AFTER MILLING AND PRIOR TO BUILDING NEW ASPHALT SURFACE COURSE, REPAIR MILLED SURFACE AT LOCATIONS DESIGNATED BY THE ENGINEER. REFER TO DETAILS ON SHEET P-17.

LEGEND

- PROPOSED HMA OVERLAY
- PROPOSED ASPHALT PAVEMENT
- PROPOSED ASPHALT PAVEMENT WITH RECYCLED ASPHALT AGGREGATE BASE COURSE
- EXISTING ASPHALT PAVEMENT



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HORIZONTAL SCALE IN FEET

benesch
Alfred Benesch & Company
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706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 60/96

DRAWING NO. P-10

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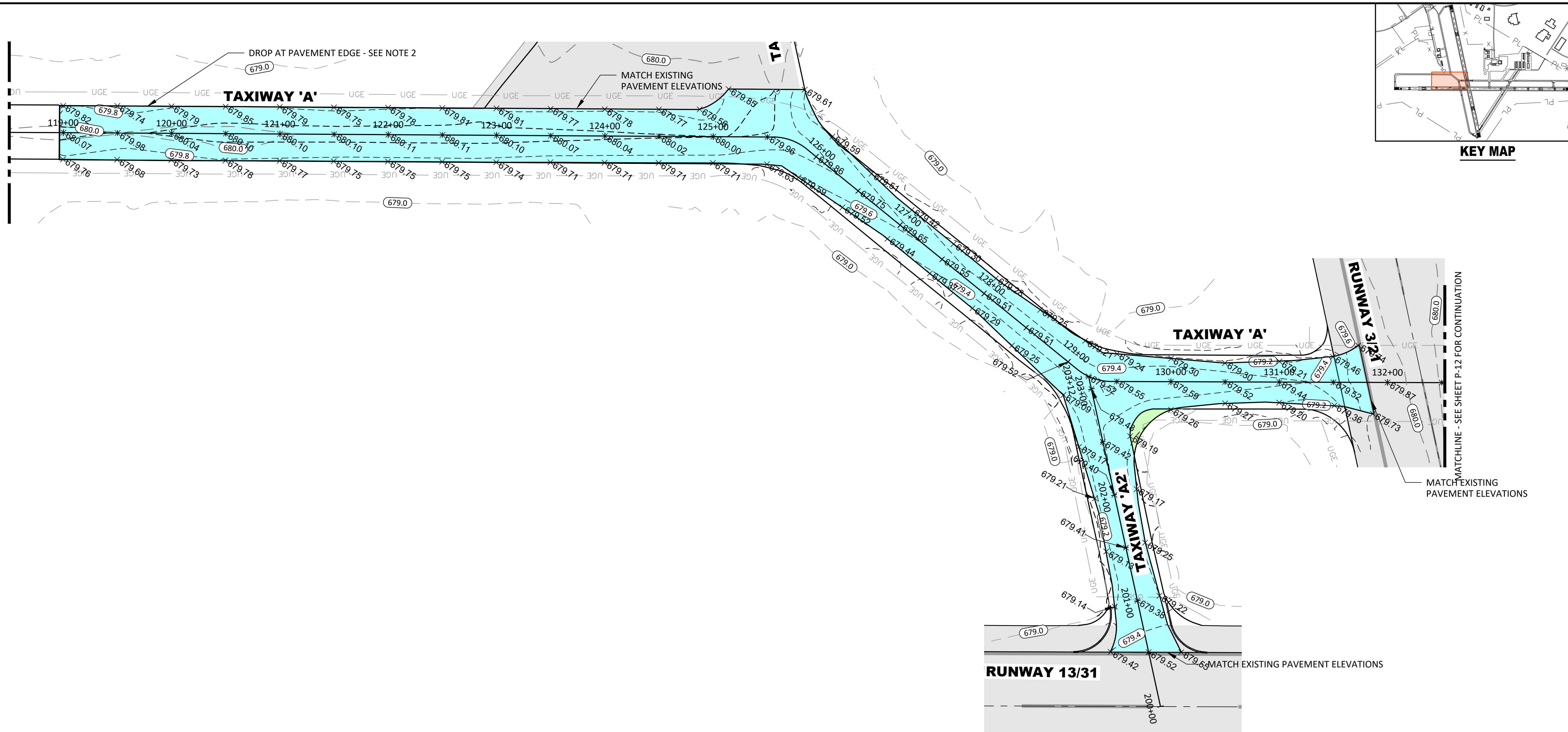

KEY MAP

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET G-4 FOR ALIGNMENT CONTROL.
2. THE DROP AT THE EDGE OF THE PAVEMENT SHALL BE 1.5 INCHES. CONTRACTOR TO ADJUST SHOULDER GRADING WITH TOPSOIL AS NECESSARY TO ACHIEVE THE REQUIRED DROP PAVEMENT EDGE. COST SHALL INCLUDE UNDER PAY ITEM FOR TOPSOIL.
3. REFER TO SHEET G-5 TO SHEET G-9 FOR EXISTING CONDITIONS.
4. REFER TO SHEET P-1 TO SHEET P-10 FOR GEOMETRIC POINTS AND PAVING NOTES.

LEGEND

- PROPOSED 2" HMA OVERLAY
- PROPOSED ASPHALT PAVEMENT
- PROPOSED ASPHALT PAVEMENT WITH RECYCLED ASPHALT AGGREGATE BASE COURSE
- EXISTING ASPHALT PAVEMENT
- (76.0) PROPOSED CONTOURS
- +676.50 PROPOSED SPOT ELEVATION

0 50 100 150
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
	95% GDOT SUBMITTAL	7/1/2024

PROJECT TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE APRIL 2025

CONTOURS & SPOT ELEVATIONS - SHEET 1

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL DESIGNED BY: KRT REVIEWED BY: AWB QUANTITIES CHECKED BY: AKM

SHEET 61/96 DRAWING NO. P-11

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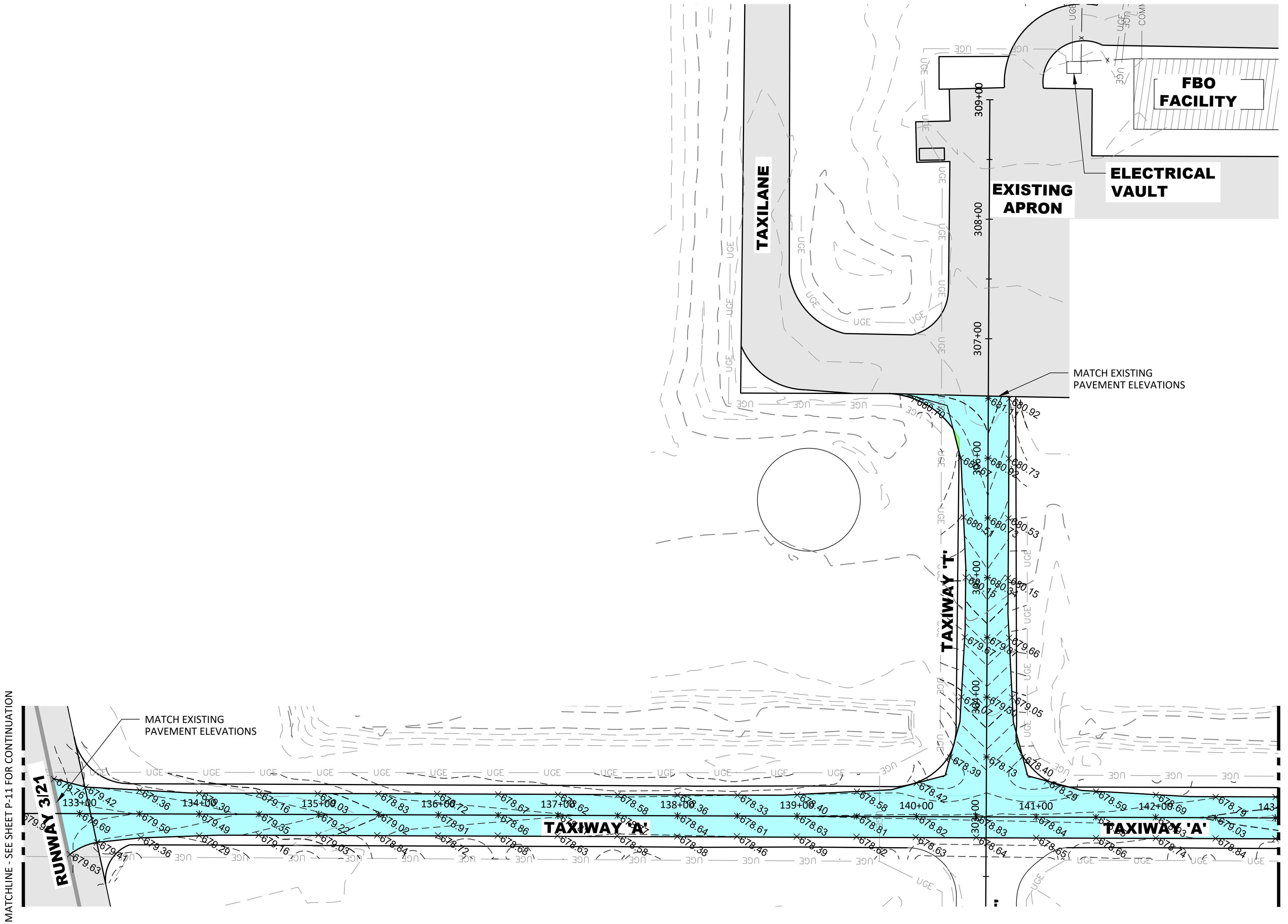

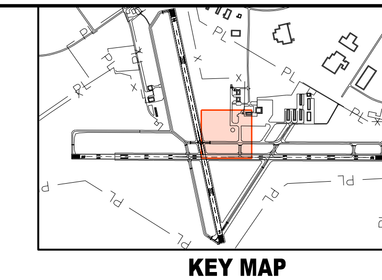

CONSTRUCTION NOTES:

1. REFER TO SHEET G-4 FOR ALIGNMENT CONTROL.
2. THE DROP AT THE EDGE OF THE PAVEMENT SHALL BE 1.5 INCHES. CONTRACTOR TO ADJUST SHOULDER GRADING WITH TOPSOIL AS NECESSARY TO ACHIEVE THE REQUIRED DROP PAVEMENT EDGE. COST SHALL INCLUDE UNDER PAY ITEM FOR TOPSOIL.
3. REFER TO SHEET G-5 TO SHEET G-9 FOR EXISTING CONDITIONS.
4. REFER TO SHEET P-1 TO SHEET P-10 FOR GEOMETRIC POINTS AND PAVING NOTES.

LEGEND

(pink)	PROPOSED 2" HMA OVERLAY
(green)	PROPOSED ASPHALT PAVEMENT
(cyan)	PROPOSED ASPHALT PAVEMENT WITH RECYCLED ASPHALT AGGREGATE BASE COURSE
(gray)	EXISTING ASPHALT PAVEMENT
76.0	PROPOSED CONTOURS
+676.50	PROPOSED SPOT ELEVATION

0 50 100 150
HORIZONTAL SCALE IN FEET

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 043370 ALEXANDER K. MOONEY 04/16/2025

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

CONTOURS & SPOT ELEVATIONS - SHEET 2

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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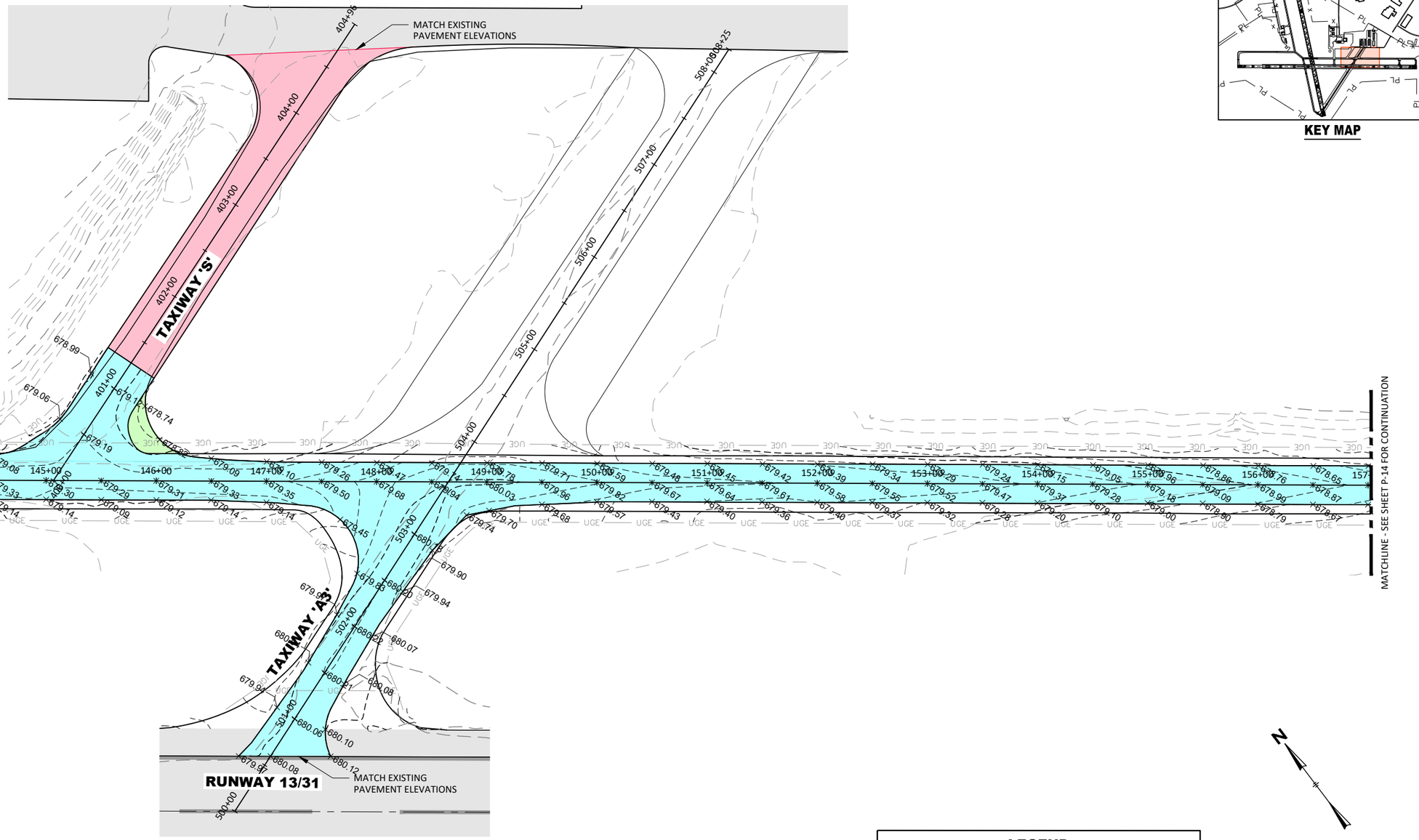
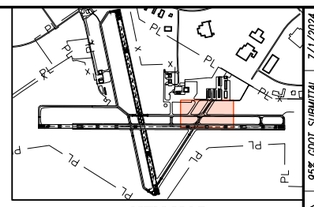
NOT FOR CONSTRUCTION





CONSTRUCTION NOTES: (#)

1. REFER TO SHEET G-4 FOR ALIGNMENT CONTROL.
2. THE DROP AT THE EDGE OF THE PAVEMENT SHALL BE 1.5 INCHES. CONTRACTOR TO ADJUST SHOULDER GRADING WITH TOPSOIL AS NECESSARY TO ACHIEVE THE REQUIRED DROP PAVEMENT EDGE. COST SHALL INCLUDE UNDER PAY ITEM FOR TOPSOIL.
3. REFER TO SHEET G-5 TO SHEET G-9 FOR EXISTING CONDITIONS.
4. REFER TO SHEET P-1 TO SHEET P-10 FOR GEOMETRIC POINTS AND PAVING NOTES.

LEGEND

- PROPOSED 2" HMA OVERLAY
- PROPOSED ASPHALT PAVEMENT
- PROPOSED ASPHALT PAVEMENT WITH RECYCLED ASPHALT AGGREGATE BASE COURSE
- EXISTING ASPHALT PAVEMENT
- (76.0) PROPOSED CONTOURS
- +676.50 PROPOSED SPOT ELEVATION

N

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY

0 50 100 150
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
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95% CDOT SUBMITAL		7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

CONTOURS & SPOT ELEVATIONS - SHEET 3

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
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706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 63/96 | DRAWING NO. P-13

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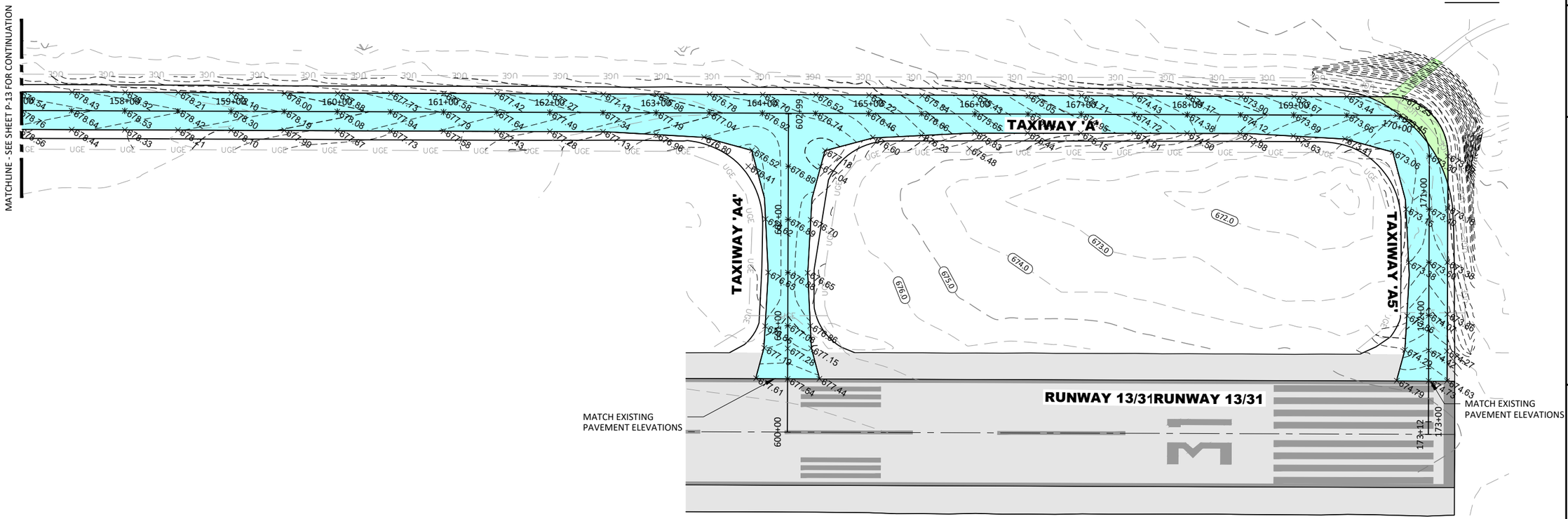

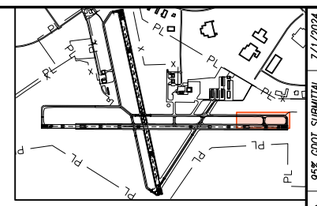

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95% CDOT SUBMITAL		7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

CONTOURS & SPOT ELEVATIONS - SHEET 4

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET G-4 FOR ALIGNMENT CONTROL.
2. THE DROP AT THE EDGE OF THE PAVEMENT SHALL BE 1.5 INCHES. CONTRACTOR TO ADJUST SHOULDER GRADING WITH TOPSOIL AS NECESSARY TO ACHIEVE THE REQUIRED DROP PAVEMENT EDGE. COST SHALL INCLUDE UNDER PAY ITEM FOR TOPSOIL.
3. REFER TO SHEET G-5 TO SHEET G-9 FOR EXISTING CONDITIONS.
4. REFER TO SHEET P-1 TO SHEET P-10 FOR GEOMETRIC POINTS AND PAVING NOTES.

LEGEND

- PROPOSED 2" HMA OVERLAY
- PROPOSED ASPHALT PAVEMENT
- PROPOSED ASPHALT PAVEMENT WITH RECYCLED ASPHALT AGGREGATE BASE COURSE
- EXISTING ASPHALT PAVEMENT
- (76.0) PROPOSED CONTOURS
- +676.50 PROPOSED SPOT ELEVATION

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONE

0 50 100 150
HORIZONTAL SCALE IN FEET

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: D.JL | DESIGNED BY: KRT | REVIEWED BY: AVB | QUANTITIES CHECKED BY: AKM

SHEET 64/96 | DRAWING NO. P-14

Last Saved: 4/10/2025 11:56:31 AM Saved By: DLEON Plotted: 4/10/2025 12:20 PM
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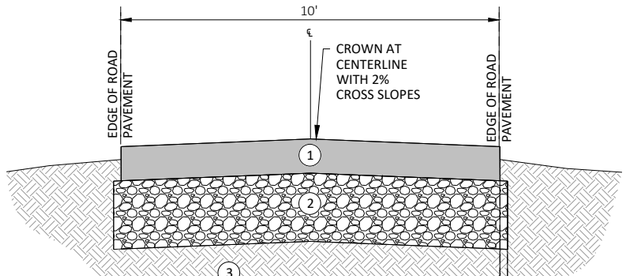
NOT FOR CONSTRUCTION

GENERAL NOTES:

1. REFER TO SHEET GR-2 FOR EARTHWORK CUT/FILL QUANTITIES.
2. REFER TO SHEET P-17 FOR PAVING TYPICAL SECTIONS.
3. REFER TO SHEET G-5 TO SHEET G-9 FOR EXISTING CONDITIONS.
4. REFER TO SHEET G-10 TO SHEET G-12 FOR BORE LOGS.
5. SPECIAL PROVISIONS SECTION 828 REQUIRING REDUCED AIR VOIDS FOR ASPHALT MIX APPLICABLE TO THIS PROJECT.



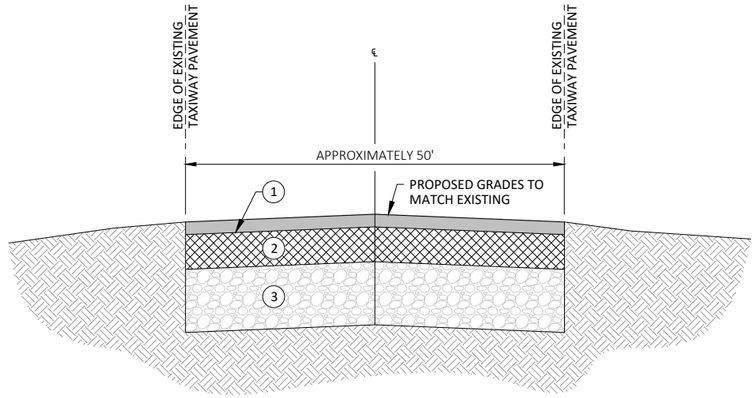
ACCESS ROAD PAVEMENT SECTION

CONSTRUCTION NOTES: (#)

1. GDOT 400 ASPHALTIC CONCRETE 12.5MM - 3" SINGLE LIFT ASPHALT SURFACE COURSE.
2. P-209 - 8" GRADED AGGREGATE BASE.
3. P-152 - COMPACTED SUBGRADE.
4. REFER TO SHEET P-17 FOR PAVING TYPICAL SECTIONS.
5. REFER TO SHEET G-5 TO SHEET G-9 FOR EXISTING CONDITIONS.
6. REFER TO SHEET G-10 TO SHEET G-12 FOR BORE LOGS.

LEGEND

- GDOT 400 Asphaltic Concrete 12.5mm
- Existing Asphalt Pavement To Remain
- Existing Base Course To Remain
- Existing Subgrade Soils



PROPOSED TAXIWAY S
TYPICAL PAVING SECTION

CONSTRUCTION NOTES: (#)

1. GDOT 400 ASPHALTIC CONCRETE 12.5MM - 2" SINGLE LIFT ASPHALT SURFACE COURSE.
2. EXISTING ASPHALT PAVEMENT TO REMAIN.
3. EXISTING BASE COURSE TO REMAIN.
4. REFER TO SHEET P-17 FOR PAVING TYPICAL SECTIONS.
5. REFER TO SHEET G-5 TO SHEET G-9 FOR EXISTING CONDITIONS.
6. REFER TO SHEET G-10 TO SHEET G-12 FOR BORE LOGS.

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY

NO.	REVISIONS	DATE
-	-	-
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-	-	-
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95% GDOT SUBMITAL 7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

TYPICAL PAVING SECTIONS - SHEET 1

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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706-724-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 67/96

DRAWING NO. P-15

Last Saved: 4/9/2025 12:54:03 PM Saved By: DLEON Plotted: 4/10/2025 12:20 PM
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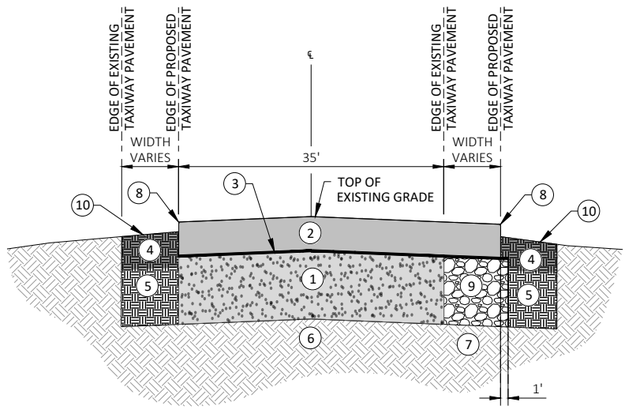
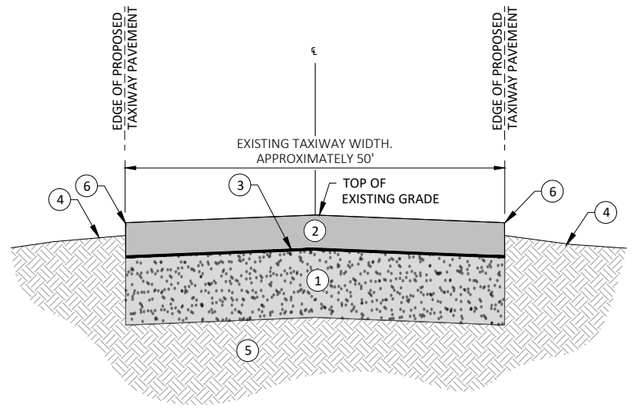
NOT FOR CONSTRUCTION



FULL DEPTH RECLAMATION
MODIFIED TAXIWAY WIDTH
TYPICAL PAVING SECTION

CONSTRUCTION NOTES: (#)

1. P-207 FULL DEPTH RECLAMATION OF PULVERIZED RECYCLED ASPHALT AND BASE COURSE. TOP ELEVATION OF FULL DEPTH RECLAMATION SHALL BE 3" BELOW FINAL GRADE. HAUL OFF OF EXCESS PULVERIZED MATERIAL WILL BE REQUIRED BEFORE MIXING OF CEMENT.
   - 1.1. FDR MIX DESIGN SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL.
   - 1.2. FDR SHALL BE MIXED WITH CEMENT AS A STABILIZING AGENT. PERCENT CEMENT SHALL BE SUFFICIENT FOR CURED FDR TO HAVE A MODULUS OF ELASTICITY OF AT LEAST 250,000 PSI. STABILIZING AGENTS ARE CONSIDER INCIDENTAL TO P-207 AND WILL NOT BE MEASURED SEPARATELY.
   - 1.3. EXISTING PAVEMENT THICKNESS IS VARIABLE THROUGHOUT THE SITE. REFER TO THE BORING LOGS FOR PAVEMENT AND BASE THICKNESS. MIX DESIGN SHALL BE SHOWN TO BE SUFFICIENT FOR ALL AREAS OF THE SITE.
2. GDOT 400 ASPHALTIC CONCRETE 12.5MM - 3" SINGLE LIFT ASPHALT SURFACE COURSE.
3. P-602 ASPHALT PRIME COAT TO BE PLACED ON CURED P-207 AND ALL ASPHALT SURFACES PRIOR TO PAVING GDOT 400 ASPHALTIC CONCRETE 12.5MM.
4. 4" TOPSOIL (T-905) AND SEEDING (T-901)
5. P-152 EMBANKMENT IN PLACE COMPACTED TO A DEPTH OF 12 INCHES AND TO A DENSITY OF NOT LESS THAN 95 PERCENT OF THE MAXIMUM DENSITY AS DETERMINED BY ASTM D698. WILL REPLACE THE REMOVED FULL DEPTH ASPHALT AND BASE.
6. EXISTING SUB GRADE NOT TO BE EXPOSED.
7. P-152 COMPACTED SUBGRADE TO 100% MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D1557
8. THE DROP AT THE EDGE OF THE PAVEMENT SHALL BE 1.5 INCHES.
9. P-209 - 8" DEPTH CRUSHED AGGREGATE BASE. COULD OCCUR ON EITHER SIDE OF THE TAXIWAY, OR NOT AT ALL. SEE PLANS FOR EXACT LOCATIONS.
10. GRASSED SHOULDER SHALL NOT EXCEED A 5% SLOPE. ADJUST SHOULDER GRADES TO TIE INTO EXISTING GRADES.



FULL DEPTH RECLAMATION
MAINTAIN EXISTING TAXIWAY WIDTH
TYPICAL PAVING SECTION

CONSTRUCTION NOTES: (#)

1. P-207 FULL DEPTH RECLAMATION OF PULVERIZED RECYCLED ASPHALT AND BASE COURSE. TOP ELEVATION OF FULL DEPTH RECLAMATION SHALL BE 3" BELOW FINAL GRADE. HAUL OFF OF EXCESS PULVERIZED MATERIAL WILL BE REQUIRED BEFORE MIXING OF CEMENT.
   - 1.1. FDR MIX DESIGN SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL.
   - 1.2. FDR SHALL BE MIXED WITH CEMENT AS A STABILIZING AGENT. PERCENT CEMENT SHALL BE SUFFICIENT FOR CURED FDR TO HAVE A MODULUS OF ELASTICITY OF AT LEAST 250,000 PSI. STABILIZING AGENTS ARE CONSIDER INCIDENTAL TO P-207 AND WILL NOT BE MEASURED SEPARATELY.
   - 1.3. EXISTING PAVEMENT THICKNESS IS VARIABLE THROUGHOUT THE SITE. REFER TO THE BORING LOGS FOR PAVEMENT AND BASE THICKNESS. MIX DESIGN SHALL BE SHOWN TO BE SUFFICIENT FOR ALL AREAS OF THE SITE.
2. GDOT 400 ASPHALTIC CONCRETE 12.5MM - 3" SINGLE LIFT ASPHALT SURFACE COURSE.
3. P-602 ASPHALT PRIME COAT TO BE PLACED ON CURED P-207 AND ALL ASPHALT SURFACES PRIOR TO PAVING GDOT 400 ASPHALTIC CONCRETE 12.5MM.
4. GRASSED SHOULDER SHALL NOT EXCEED A 5% SLOPE. ADJUST SHOULDER GRADES TO TIE INTO EXISTING GRADES
5. EXISTING SUB GRADE NOT TO BE EXPOSED.
6. THE DROP AT THE EDGE OF THE PAVEMENT SHALL BE 1.5 INCHES.

LEGEND

- Full Depth Asphalt Pavement
- P-207 Full Depth Reclamation
- P-209 Graded Aggregate Base
- T-905 Topsoil
- P-152 Embankment in Place
- Existing Subgrade Soils

GENERAL NOTES:

1. REFER TO SHEET GR-2 FOR EARTHWORK CUT/FILL QUANTITIES.
2. REFER TO SHEET P-17 FOR PAVING TYPICAL SECTIONS.
3. REFER TO SHEET G-5 TO SHEET G-9 FOR EXISTING CONDITIONS.
4. REFER TO SHEET G-10 TO SHEET G-12 FOR BORE LOGS.
5. SPECIAL PROVISIONS SECTION 828 REQUIRING REDUCED AIR VOIDS FOR ASPHALT MIX APPLICABLE TO THIS PROJECT.

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONE

NO.	REVISIONS	DATE
1	95% COOT SUBMITAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

TYPICAL PAVING SECTIONS - SHEET 2

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 68/96 | DRAWING NO. P-16

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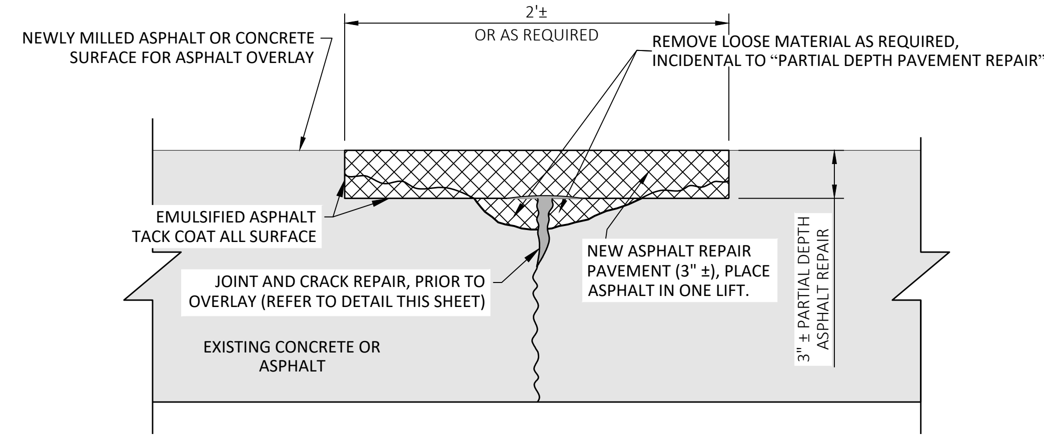


PARTIAL DEPTH PAVEMENT REPAIR

NO SCALE

CONSTRUCTION NOTES: (#)

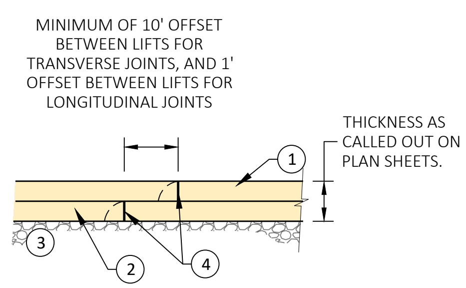
1. EXISTING CONCRETE OR ASPHALT PAVEMENT TO BE REPAIRED WILL BE DESIGNATED BY THE ENGINEER AT THE TIME OF CONSTRUCTION AFTER MILLING.

2. THE IDENTIFIED AREA SHALL BE MILLED TO PROVIDE A VERTICAL FACE AROUND THE EDGE OF THE PATCH. JOINTS OR CRACKS IDENTIFIED BY THE RPR SHALL BE SEALED PRIOR TO FILLING THE PATCH AND PAID AS "JOINT AND CRACK REPAIR". THE ENTIRE AREA SHALL BE THOROUGHLY CLEANED WITH COMPRESSED AIR OR OTHER APPROVED METHODS.

3. APPLY EMULSIFIED ASPHALT TACK COAT, REFER TO ITEM P-603 OF THE SPECIFICATIONS, ON ALL SURFACES INCLUDING VERTICAL FACES.

4. SPREAD THE ASPHALT PAVEMENT (P-401) IN THE PREPARED AREA TO BRING TO GRADE AFTER COMPACTION. DEEPER PATCHES MAY REQUIRE ADDITIONAL LIFTS OR LEVELING COURSE TO ALLOW PROPER COMPACTION OF EACH LIFT. THOROUGHLY COMPACT THE PATCH.

5. ALL THERE SHALL BE NO SEPARATE PAY ITEM FOR SMALL REPAIR. IF NECESSARY, UTILIZE PAY ITEMS FOR MILLING, TACK COAT OR ASPHALT SURFACE COURSE QUANTIFIED BY THE AMOUNT OF MATERIAL USED.



ASPHALT PAVEMENT LIFT DETAIL

No Scale

CONSTRUCTION NOTES: (#)

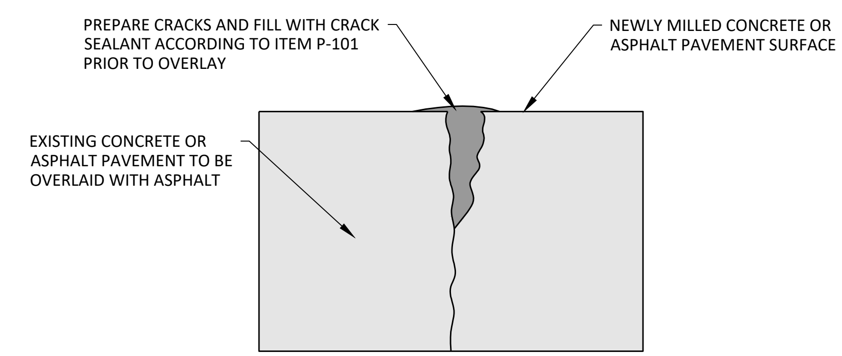
1. NEW ASPHALT SURFACE COURSE PAVEMENT LAYER.

2. NEW ASPHALT BASE COURSE PAVEMENT LAYER. ADDITIONAL BASE COURSE LIFTS, AS REQUIRED BY THE PLANS.

3. PREPARE & COMPACT BASE TO APPROPRIATE PAVEMENT ELEVATION.

4. CUT ALL COLD JOINTS PER THE REQUIREMENTS IN THE SPECIFICATIONS AND APPLY TACK COAT ON ALL EDGES AND BETWEEN EACH LIFT. IF THE BOTTOM AND TOP LIFTS ARE PAVED ON THE SAME DAY, THE TACK BETWEEN LIFTS IS STILL REQUIRED. ALL TACK COAT SHALL BE INCIDENTAL TO ASSOCIATED ASPHALT PAVEMENT BID ITEM.

5. **IMPORTANT!** THE CONTRACTOR PLACING ASPHALT SURFACE COURSE SHALL HAVE A 12' LONG STRAIGHT EDGE ON SITE TO CHECK PLACED SURFACES FOR POSITIVE DRAINAGE. ANY AREAS WHICH DO NOT DRAIN, SHALL BE REMOVED AND REBUILT BY THE CONTRACTOR AT THE CONTRACTORS EXPENSE.



JOINT & CRACK REPAIR DETAIL (PRIOR TO ASPHALT OVERLAY)

NO SCALE

CONSTRUCTION NOTES: (#)

1. EXISTING JOINTS AND CRACKS IN CONCRETE OR ASPHALT PAVEMENTS TO HAVE CRACK SEAL WILL BE DESIGNATED BY THE RPR REPRESENTATIVE AT THE TIME OF CONSTRUCTION AFTER MILLING PAVEMENT SURFACE.

2. JOINTS OR CRACKS SHALL BE THOROUGHLY CLEANED OF ANY SEALANT, DEBRIS, AND VEGETATION BY COMPRESSED AIR, ROUTING, OR OTHER APPROVED METHODS PRIOR TO FILLING WITH SLURRY SEAL PER ITEM P-101 OF THE SPECIFICATIONS.

3. ALL WORK TO CLEAN AND SLURRY SEAL JOINTS OR CRACKS SHALL BE INCLUDED IN THE BID ITEM "JOINT AND CRACK REPAIR".

GEORGIA REGISTERED No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONE 04/16/2025

NOT FOR CONSTRUCTION

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NO.	REVISIONS	DATE
△	95% GDOT SUBMITTAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

PAVING DETAILS

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
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Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL DESIGNED BY: MFL REVIEWED BY: SVC QUANTITIES CHECKED BY: AKM

SHEET 69/96 DRAWING NO. P-17

NOT FOR CONSTRUCTION

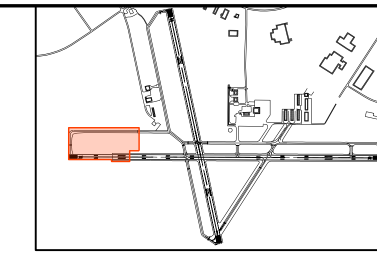
POINT TABLE

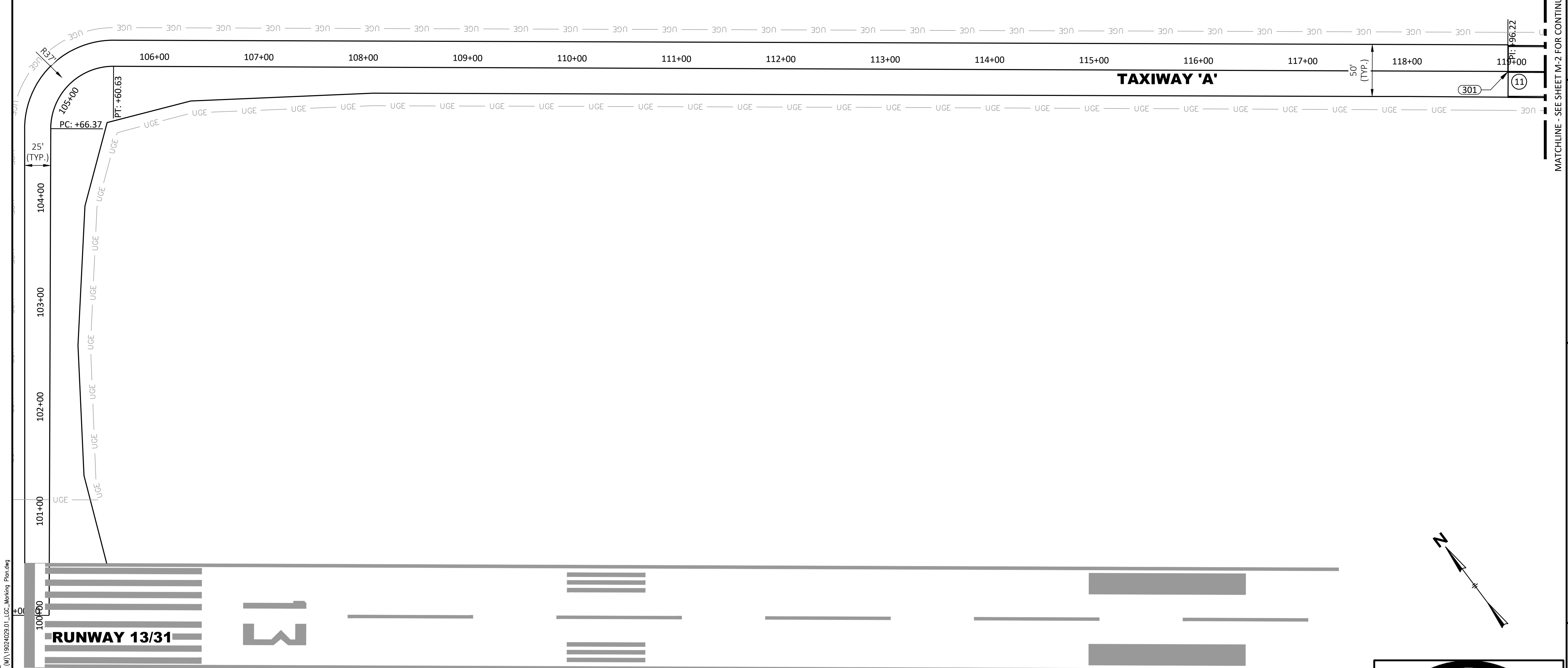
POINT #	NORTHING	EASTING
301	1096868.96	2017601.51

MARKING SCHEDULE

BID SECTION	NOTE	DESCRIPTION	TEMPORARY		PERMANENT			
			WHITE S.F. PAINT	YELLOW S.F. PAINT	WHITE S.F. PAINT	YELLOW S.F. PAINT	REFLECTIVE MEDIA (LBS.)*	BLACK S.F. PAINT
1	8	CENTERLINE MARKINGS	0	941	0	941	77	0
1	9	TAXIWAY EDGE MARKINGS	0	3,746	0	3,746	307	0
1	10	PATTERN 'A' RUNWAY HOLDING POSITION MARKINGS	0	105	0	105	9	0
		TOTAL	0	4,792	0	4,792	393	0

*REFLECTIVE MEDIA ESTIMATED AT A RATE OF 110 SF/GAL OF PAINT AND 9 LBS OF REFLECTIVE MEDIA PER GALLON OF PAINT.





CONSTRUCTION NOTES: (#)

1. REFER TO SHEET M-6 TO SHEET M-7 FOR EXISTING PAVEMENT MARKING REMOVALS.
2. REFER TO SHEET M-8 FOR MARKING DETAILS.
3. ALL MARKING SHALL CONFORM TO FAA AC 150-5340-1 (CURRENT EDITION). WHITE AND YELLOW PERMANENT PAVEMENT MARKING SHALL HAVE REFLECTIVE MEDIA. REFLECTIVE MEDIA SHALL BE APPLIED TO PAVEMENT MARKINGS AT THE SPECIFIED RATE AS STATED IN P-620 OF THE SPECIFICATIONS.
4. PAVEMENT SURFACE AREAS TO BE PAINTED SHALL BE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS. SURFACE PREPARATION SHALL NOT CAUSE DAMAGE TO THE PAVEMENT SURFACE. THE ENGINEER SHALL APPROVE SURFACE PREPARATION PRIOR TO PAINTING. PAVEMENT SURFACE PREPARATION SHALL BE CONSIDERED INCIDENTAL TO PAVEMENT MARKING.
5. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL MARKING LAYOUT FROM THE CONTROL GIVEN AND PAID UNDER "SITE PREPARATION AND MOBILIZATION".
6. EXISTING MARKINGS DAMAGED OR FADED BY CONTRACTOR OPERATIONS SHALL BE TOUCHED UP. PAINT DAMAGED AND TOUCH UP PAINT REQUIRED DUE TO CONTRACTOR NEGLIGENCE SHALL BE COMPLETED BY CONTRACTOR AT NO ADDITIONAL COST.
7. ALL DIMENSIONS ARE TO CENTER OF WHITE OR YELLOW PAINT UNLESS OTHERWISE INDICATED.
8. PAINT 6" WIDE SOLID YELLOW TAXILANE CENTERLINE MARKINGS. SEE DETAIL ON SHEET M-8.
9. PAINT 6" WIDE SOLID DOUBLE YELLOW TAXIWAY EDGE MARKINGS AT EDGE OF USABLE PAVEMENT. SEE DETAIL ON SHEET M-8.
10. PAINT PATTERN 'A' RUNWAY HOLDING POSITION MARKINGS IN ACCORDANCE WITH FAA AC 150-5340-1M (CURRENT EDITION). POINTS PROVIDED ARE FROM THE CRITICAL POINT. SEE DETAIL ON SHEET M-8.
11. PROPOSED CENTERLINE MARKING TO TIE INTO EXISTING CENTERLINE MARKING. REFER TO PLAN VIEW.

GEORGIA REGISTERED No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY
04/16/2025

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

MARKING PLAN - SHEET 1

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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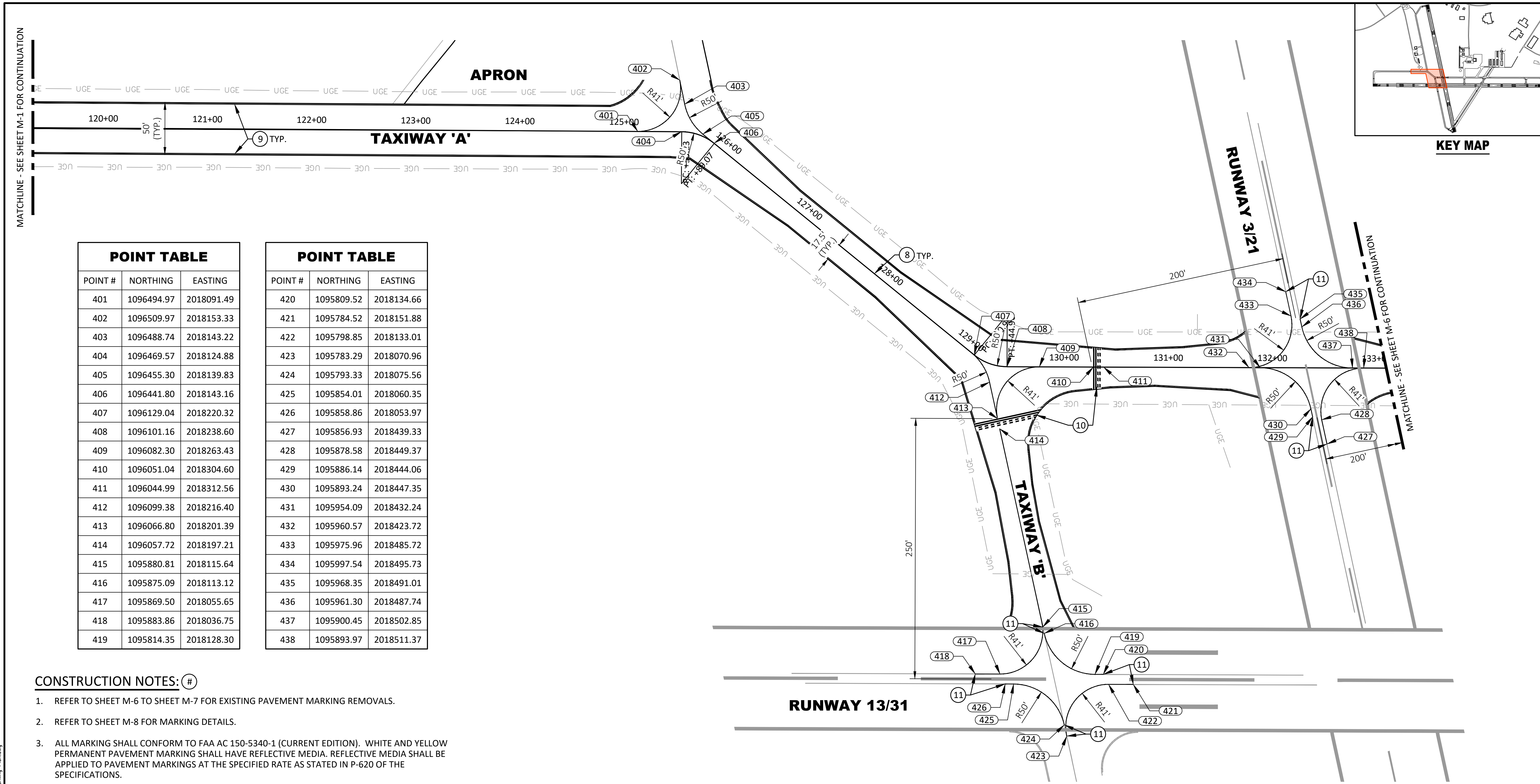
706-722-4114 Job No. - 19024029.01
DRAWN BY: DJL DESIGNED BY: KRT REVIEWED BY: AWB QUANTITIES CHECKED BY: AKM



POINT #	NORTHING	EASTING
401	1096494.97	2018091.49
402	1096509.97	2018153.33
403	1096488.74	2018143.22
404	1096469.57	2018124.88
405	1096455.30	2018139.83
406	1096441.80	2018143.16
407	1096129.04	2018220.32
408	1096101.16	2018238.60
409	1096082.30	2018263.43
410	1096051.04	2018304.60
411	1096044.99	2018312.56
412	1096099.38	2018216.40
413	1096066.80	2018201.39
414	1096057.72	2018197.21
415	1095880.81	2018115.64
416	1095875.09	2018113.12
417	1095869.50	2018055.65
418	1095883.86	2018036.75
419	1095814.35	2018128.30

POINT TABLE

POINT #	NORTHING	EASTING
420	1095809.52	2018134.66
421	1095784.52	2018151.88
422	1095798.85	2018133.01
423	1095783.29	2018070.96
424	1095793.33	2018075.56
425	1095854.01	2018060.35
426	1095858.86	2018053.97
427	1095856.93	2018439.33
428	1095878.58	2018449.37
429	1095886.14	2018444.06
430	1095893.24	2018447.35
431	1095954.09	2018432.24
432	1095960.57	2018423.72
433	1095975.96	2018485.72
434	1095997.54	2018495.73
435	1095968.35	2018491.01
436	1095961.30	2018487.74
437	1095900.45	2018502.85
438	1095893.97	2018511.37

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET M-6 TO SHEET M-7 FOR EXISTING PAVEMENT MARKING REMOVALS.
2. REFER TO SHEET M-8 FOR MARKING DETAILS.
3. ALL MARKING SHALL CONFORM TO FAA AC 150-5340-1 (CURRENT EDITION). WHITE AND YELLOW PERMANENT PAVEMENT MARKING SHALL HAVE REFLECTIVE MEDIA. REFLECTIVE MEDIA SHALL BE APPLIED TO PAVEMENT MARKINGS AT THE SPECIFIED RATE AS STATED IN P-620 OF THE SPECIFICATIONS.
4. PAVEMENT SURFACE AREAS TO BE PAINTED SHALL BE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS. SURFACE PREPARATION SHALL NOT CAUSE DAMAGE TO THE PAVEMENT SURFACE. THE ENGINEER SHALL APPROVE SURFACE PREPARATION PRIOR TO PAINTING. PAVEMENT SURFACE PREPARATION SHALL BE CONSIDERED INCIDENTAL TO PAVEMENT MARKING.
5. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL MARKING LAYOUT FROM THE CONTROL GIVEN AND PAID UNDER "SITE PREPARATION AND MOBILIZATION".
6. EXISTING MARKINGS DAMAGED OR FADED BY CONTRACTOR OPERATIONS SHALL BE TOUCHED UP. PAINT DAMAGED AND TOUCH UP PAINT REQUIRED DUE TO CONTRACTOR NEGLIGENCE SHALL BE COMPLETED BY CONTRACTOR AT NO ADDITIONAL COST.
7. ALL DIMENSIONS ARE TO CENTER OF WHITE OR YELLOW PAINT UNLESS OTHERWISE INDICATED.
8. PAINT 6" WIDE SOLID YELLOW TAXILANE CENTERLINE MARKINGS. SEE DETAIL ON SHEET M-8.
9. PAINT 6" WIDE SOLID DOUBLE YELLOW TAXIWAY EDGE MARKINGS AT EDGE OF USABLE PAVEMENT. SEE DETAIL ON SHEET M-8.
10. PAINT PATTERN 'A' RUNWAY HOLDING POSITION MARKINGS IN ACCORDANCE WITH FAA AC 150-5340-1M (CURRENT EDITION). POINTS PROVIDED ARE FROM THE CRITICAL POINT. SEE DETAIL ON SHEET M-8.
11. PROPOSED CENTERLINE MARKING TO TIE INTO EXISTING CENTERLINE MARKING. REFER TO PLAN VIEW.

NOT FOR CONSTRUCTION

MARKING SCHEDULE

BID SECTION	NOTE	DESCRIPTION	TEMPORARY		PERMANENT			
			WHITE S.F. PAINT	YELLOW S.F. PAINT	WHITE S.F. PAINT	YELLOW S.F. PAINT	REFLECTIVE MEDIA (LBS.)*	BLACK S.F. PAINT
1	8	CENTERLINE MARKINGS	0	1,014	0	1,014	83	0
1	9	TAXIWAY EDGE MARKINGS	0	2,812	0	2,812	231	0
1	10	PATTERN 'A' RUNWAY HOLDING POSITION MARKINGS	0	310	0	310	26	0
		TOTAL	0	4,136	0	4,136	340	0

*REFLECTIVE MEDIA ESTIMATED AT A RATE OF 110 SF/GAL OF PAINT AND 9 LBS OF REFLECTIVE MEDIA PER GALLON OF PAINT.

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 043370 ALEXANDER K. MOONEY 04/16/2025

0 50 100 150
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
△	95% GDOT SUBMITTAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

MARKING PLAN - SHEET 2

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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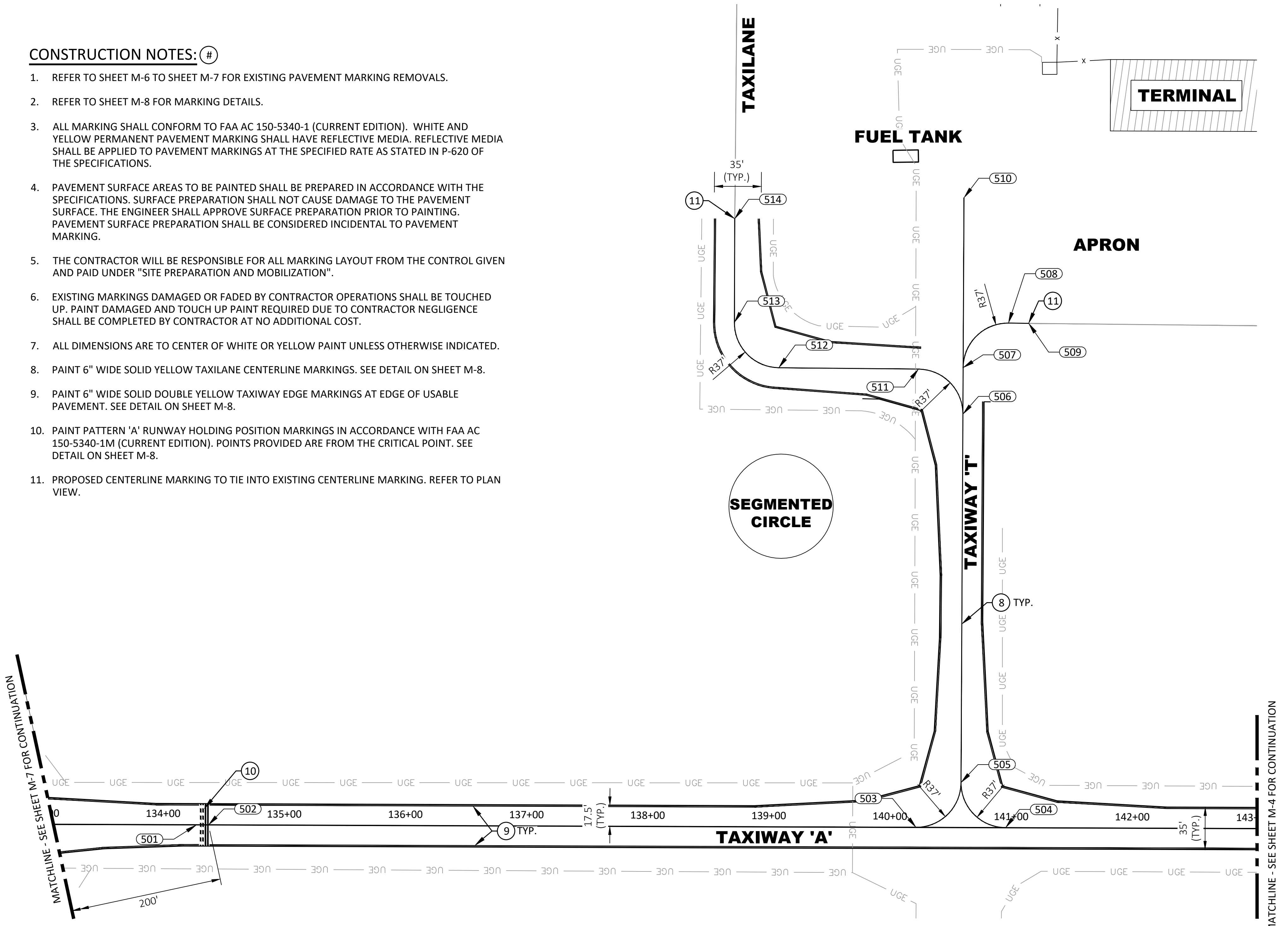
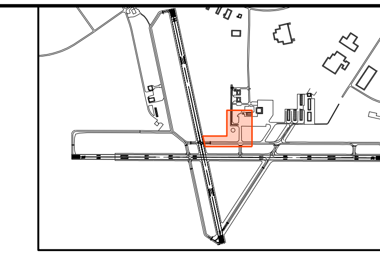
DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET M-6 TO SHEET M-7 FOR EXISTING PAVEMENT MARKING REMOVALS.
2. REFER TO SHEET M-8 FOR MARKING DETAILS.
3. ALL MARKING SHALL CONFORM TO FAA AC 150-5340-1 (CURRENT EDITION). WHITE AND YELLOW PERMANENT PAVEMENT MARKING SHALL HAVE REFLECTIVE MEDIA. REFLECTIVE MEDIA SHALL BE APPLIED TO PAVEMENT MARKINGS AT THE SPECIFIED RATE AS STATED IN P-620 OF THE SPECIFICATIONS.
4. PAVEMENT SURFACE AREAS TO BE PAINTED SHALL BE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS. SURFACE PREPARATION SHALL NOT CAUSE DAMAGE TO THE PAVEMENT SURFACE. THE ENGINEER SHALL APPROVE SURFACE PREPARATION PRIOR TO PAINTING. PAVEMENT SURFACE PREPARATION SHALL BE CONSIDERED INCIDENTAL TO PAVEMENT MARKING.
5. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL MARKING LAYOUT FROM THE CONTROL GIVEN AND PAID UNDER "SITE PREPARATION AND MOBILIZATION".
6. EXISTING MARKINGS DAMAGED OR FADED BY CONTRACTOR OPERATIONS SHALL BE TOUCHED UP. PAINT DAMAGED AND TOUCH UP PAINT REQUIRED DUE TO CONTRACTOR NEGLIGENCE SHALL BE COMPLETED BY CONTRACTOR AT NO ADDITIONAL COST.
7. ALL DIMENSIONS ARE TO CENTER OF WHITE OR YELLOW PAINT UNLESS OTHERWISE INDICATED.
8. PAINT 6" WIDE SOLID YELLOW TAXILANE CENTERLINE MARKINGS. SEE DETAIL ON SHEET M-8.
9. PAINT 6" WIDE SOLID DOUBLE YELLOW TAXIWAY EDGE MARKINGS AT EDGE OF USABLE PAVEMENT. SEE DETAIL ON SHEET M-8.
10. PAINT PATTERN 'A' RUNWAY HOLDING POSITION MARKINGS IN ACCORDANCE WITH FAA AC 150-5340-1M (CURRENT EDITION). POINTS PROVIDED ARE FROM THE CRITICAL POINT. SEE DETAIL ON SHEET M-8.
11. PROPOSED CENTERLINE MARKING TO TIE INTO EXISTING CENTERLINE MARKING. REFER TO PLAN VIEW.





NOT FOR CONSTRUCTION

POINT TABLE

POINT #	NORTHING	EASTING
501	1095809.45	2018622.75
502	1095803.40	2018630.71
503	1095450.33	2019095.93
504	1095405.59	2019154.87
505	1095457.47	2019147.81
506	1095699.65	2019332.24
507	1095730.19	2019355.49
508	1095737.08	2019407.51
509	1095726.86	2019420.77
510	1095841.88	2019440.55
511	1095751.39	2019325.37
512	1095821.74	2019233.93
513	1095873.63	2019227.17
514	1095941.85	2019279.03

MARKING SCHEDULE

BID SECTION	NOTE	DESCRIPTION	TEMPORARY		PERMANENT			
			WHITE S.F. PAINT	YELLOW S.F. PAINT	WHITE S.F. PAINT	YELLOW S.F. PAINT	REFLECTIVE MEDIA (LBS.)*	BLACK S.F. PAINT
1	8	CENTERLINE MARKINGS	0	988	0	988	81	0
1	9	TAXIWAY EDGE MARKINGS	0	3,043	0	3,043	249	0
1	10	PATTERN 'A' RUNWAY HOLDING POSITION MARKINGS	0	105	0	105	9	0
		TOTAL	0	4,136	0	4,136	339	0

*REFLECTIVE MEDIA ESTIMATED AT A RATE OF 110 SF/GAL OF PAINT AND 9 LBS OF REFLECTIVE MEDIA PER GALLON OF PAINT.

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 043370 ALEXANDER K. MOONEY 04/16/2025

0 50 100 150
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE APRIL 2025

MARKING PLAN - SHEET 3

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL DESIGNED BY: KRT REVIEWED BY: AWB QUANTITIES CHECKED BY: AKM

SHEET 70/96 DRAWING NO. M-3

Last Saved: 4/10/2025 11:58:10 AM Saved By: DLEONI Plotted: 4/10/2025 12:21 PM
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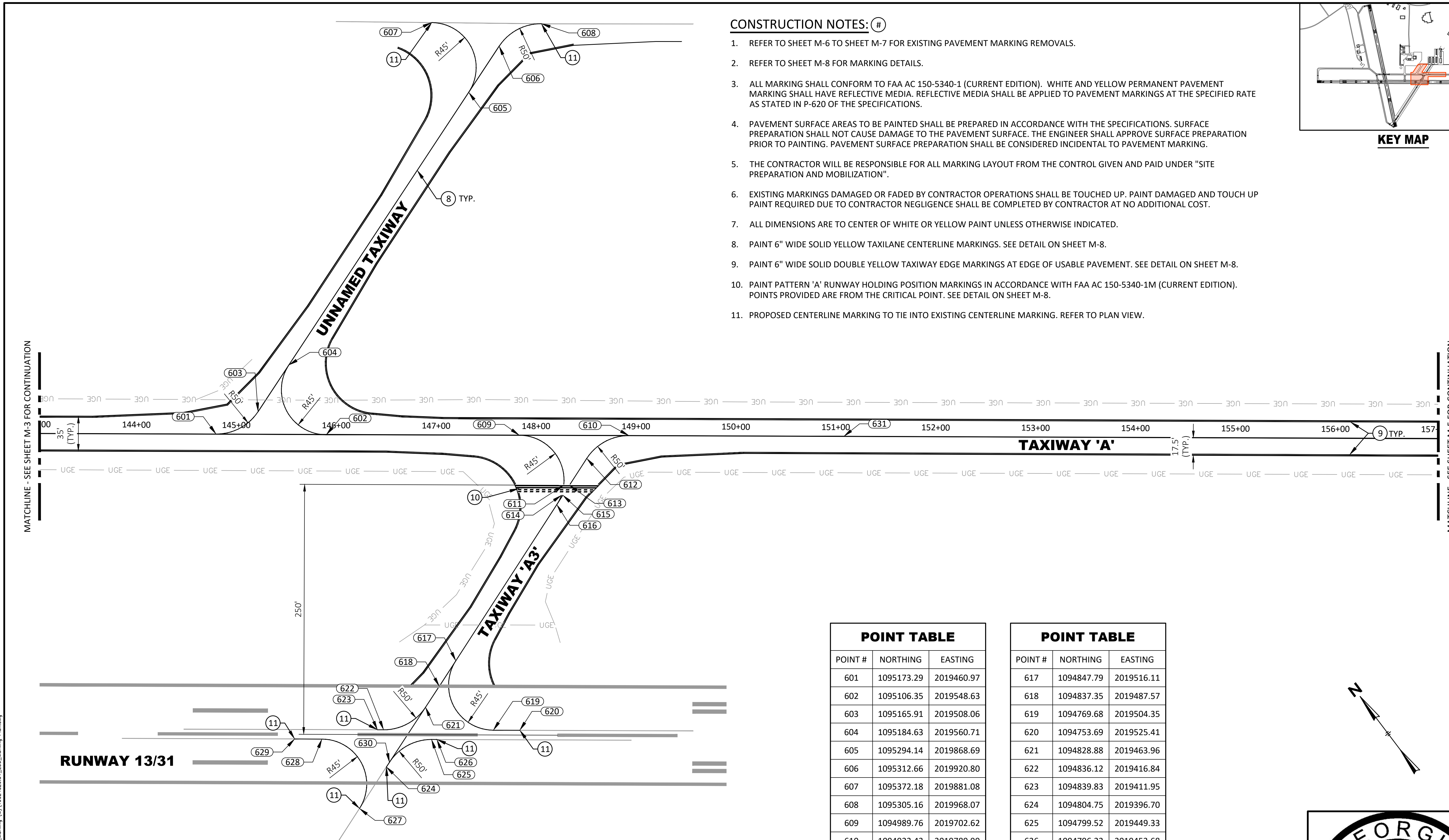

CONSTRUCTION NOTES:

1. REFER TO SHEET M-6 TO SHEET M-7 FOR EXISTING PAVEMENT MARKING REMOVALS.
2. REFER TO SHEET M-8 FOR MARKING DETAILS.
3. ALL MARKING SHALL CONFORM TO FAA AC 150-5340-1 (CURRENT EDITION). WHITE AND YELLOW PERMANENT PAVEMENT MARKING SHALL HAVE REFLECTIVE MEDIA. REFLECTIVE MEDIA SHALL BE APPLIED TO PAVEMENT MARKINGS AT THE SPECIFIED RATE AS STATED IN P-620 OF THE SPECIFICATIONS.
4. PAVEMENT SURFACE AREAS TO BE PAINTED SHALL BE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS. SURFACE PREPARATION SHALL NOT CAUSE DAMAGE TO THE PAVEMENT SURFACE. THE ENGINEER SHALL APPROVE SURFACE PREPARATION PRIOR TO PAINTING. PAVEMENT SURFACE PREPARATION SHALL BE CONSIDERED INCIDENTAL TO PAVEMENT MARKING.
5. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL MARKING LAYOUT FROM THE CONTROL GIVEN AND PAID UNDER "SITE PREPARATION AND MOBILIZATION".
6. EXISTING MARKINGS DAMAGED OR FADED BY CONTRACTOR OPERATIONS SHALL BE TOUCHED UP. PAINT DAMAGED AND TOUCH UP PAINT REQUIRED DUE TO CONTRACTOR NEGLIGENCE SHALL BE COMPLETED BY CONTRACTOR AT NO ADDITIONAL COST.
7. ALL DIMENSIONS ARE TO CENTER OF WHITE OR YELLOW PAINT UNLESS OTHERWISE INDICATED.
8. PAINT 6" WIDE SOLID YELLOW TAXILANE CENTERLINE MARKINGS. SEE DETAIL ON SHEET M-8.
9. PAINT 6" WIDE SOLID DOUBLE YELLOW TAXIWAY EDGE MARKINGS AT EDGE OF USABLE PAVEMENT. SEE DETAIL ON SHEET M-8.
10. PAINT PATTERN 'A' RUNWAY HOLDING POSITION MARKINGS IN ACCORDANCE WITH FAA AC 150-5340-1M (CURRENT EDITION). POINTS PROVIDED ARE FROM THE CRITICAL POINT. SEE DETAIL ON SHEET M-8.
11. PROPOSED CENTERLINE MARKING TO TIE INTO EXISTING CENTERLINE MARKING. REFER TO PLAN VIEW.

KEY MAP

POINT TABLE

POINT #	NORTHING	EASTING
601	1095173.29	2019460.97
602	1095106.35	2019548.63
603	1095165.91	2019508.06
604	1095184.63	2019560.71
605	1095294.14	2019868.69
606	1095312.66	2019920.80
607	1095372.18	2019881.08
608	1095305.16	2019968.07
609	1094989.76	2019702.62
610	1094923.43	2019789.99
611	1094922.97	2019708.07
612	1094930.57	2019742.59
613	1094919.58	2019712.54
614	1094916.38	2019700.22
615	1094915.50	2019701.37
616	1094911.65	2019690.85

POINT TABLE

POINT #	NORTHING	EASTING
617	1094847.79	2019516.11
618	1094837.35	2019487.57
619	1094769.68	2019504.35
620	1094753.69	2019525.41
621	1094828.88	2019463.96
622	1094836.12	2019416.84
623	1094839.83	2019411.95
624	1094804.75	2019396.70
625	1094799.52	2019449.33
626	1094796.22	2019453.68
627	1094787.75	2019350.20
628	1094865.85	2019361.96
629	1094882.34	2019340.24
630	1094806.66	2019401.93
631	1094793.30	2019961.41

MARKING SCHEDULE

BID SECTION	NOTE	DESCRIPTION	TEMPORARY		PERMANENT			
			WHITE S.F. PAINT	YELLOW S.F. PAINT	WHITE S.F. PAINT	YELLOW S.F. PAINT	REFLECTIVE MEDIA (LBS.)*	BLACK S.F. PAINT
1	8	CENTERLINE MARKINGS	0	1,490	0	1,490	122	0
1	9	TAXIWAY EDGE MARKINGS	0	3,970	0	3,970	325	0
1	10	PATTERN 'A' RUNWAY HOLDING POSITION MARKINGS	0	242	0	242	20	0
		TOTAL	0	5,702	0	5,702	467	0

*REFLECTIVE MEDIA ESTIMATED AT A RATE OF 110 SF/GAL OF PAINT AND 9 LBS OF REFLECTIVE MEDIA PER GALLON OF PAINT.

NOT FOR CONSTRUCTION

GEORGIA REGISTERED No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY 04/16/2025

0 50 100 150 HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

DATE APRIL 2025

MARKING PLAN - SHEET 4

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01
DRAWN BY: DJL DESIGNED BY: KRT REVIEWED BY: AWB QUANTITIES CHECKED BY: AKM

SHEET 71/96 DRAWING NO. M-4

Last Saved: 4/10/2025 11:58:10 AM Saved By: DLEONI Plotted: 4/10/2025 12:21 PM
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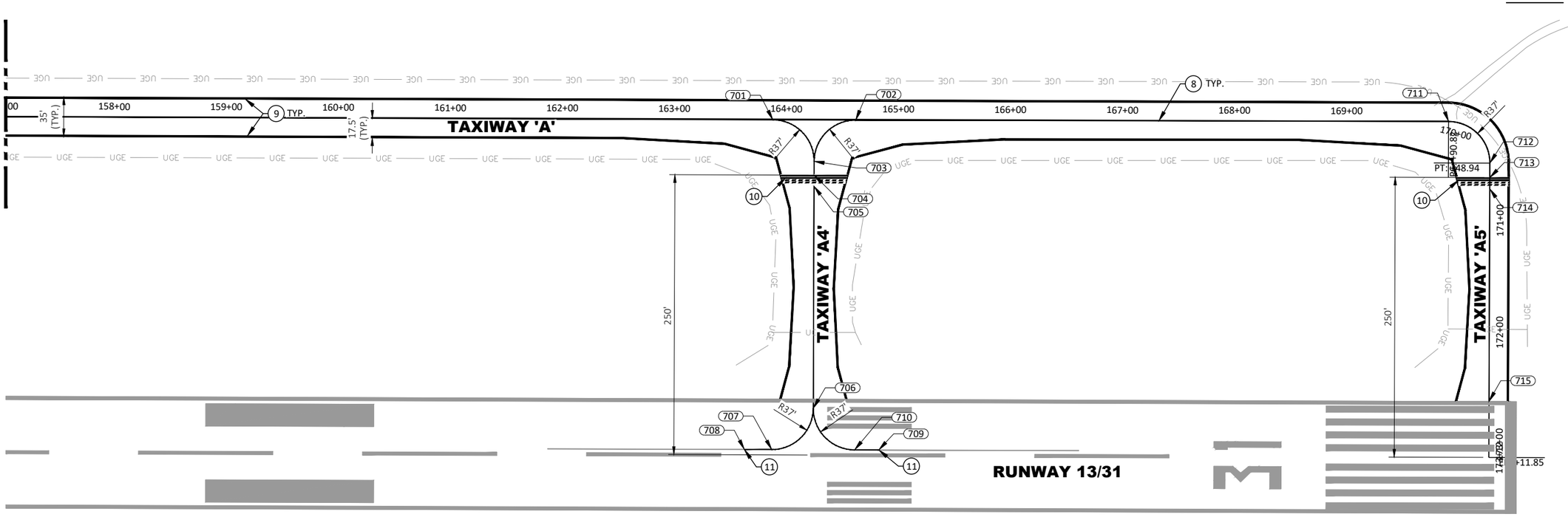
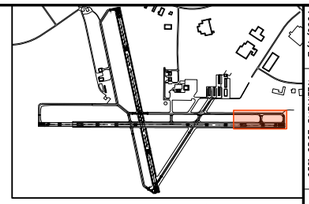
NOT FOR CONSTRUCTION





KEY MAP

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET M-6 TO SHEET M-7 FOR EXISTING PAVEMENT MARKING REMOVALS.
2. REFER TO SHEET M-8 FOR MARKING DETAILS.
3. ALL MARKING SHALL CONFORM TO FAA AC 150-5340-1 (CURRENT EDITION). WHITE AND YELLOW PERMANENT PAVEMENT MARKING SHALL HAVE REFLECTIVE MEDIA. REFLECTIVE MEDIA SHALL BE APPLIED TO PAVEMENT MARKINGS AT THE SPECIFIED RATE AS STATED IN P-620 OF THE SPECIFICATIONS.
4. PAVEMENT SURFACE AREAS TO BE PAINTED SHALL BE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS. SURFACE PREPARATION SHALL NOT CAUSE DAMAGE TO THE PAVEMENT SURFACE. THE ENGINEER SHALL APPROVE SURFACE PREPARATION PRIOR TO PAINTING. PAVEMENT SURFACE PREPARATION SHALL BE CONSIDERED INCIDENTAL TO PAVEMENT MARKING.
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7. ALL DIMENSIONS ARE TO CENTER OF WHITE OR YELLOW PAINT UNLESS OTHERWISE INDICATED.
8. PAINT 6" WIDE SOLID YELLOW TAXILANE CENTERLINE MARKINGS. SEE DETAIL ON SHEET M-8.
9. PAINT 6" WIDE SOLID DOUBLE YELLOW TAXIWAY EDGE MARKINGS AT EDGE OF USABLE PAVEMENT. SEE DETAIL ON SHEET M-8.
10. PAINT PATTERN 'A' RUNWAY HOLDING POSITION MARKINGS IN ACCORDANCE WITH FAA AC 150-5340-1M (CURRENT EDITION). POINTS PROVIDED ARE FROM THE CRITICAL POINT. SEE DETAIL ON SHEET M-8.
11. PROPOSED CENTERLINE MARKING TO TIE INTO EXISTING CENTERLINE MARKING. REFER TO PLAN VIEW.

POINT TABLE

POINT #	NORTHING	EASTING
701	1094019.03	2020980.32
702	1093974.28	2021039.26
703	1093967.18	2020987.42
704	1093957.38	2020979.97
705	1093949.41	2020973.93
706	1093791.49	2020854.03
707	1093784.39	2020802.19
708	1093799.15	2020782.75
709	1093726.57	2020878.34
710	1093739.64	2020861.13
711	1093654.77	2021461.11
712	1093602.92	2021468.21
713	1093592.65	2021460.41
714	1093584.68	2021454.36
715	1093433.35	2021339.47

MARKING SCHEDULE

BID SECTION	NOTE	DESCRIPTION	TEMPORARY		PERMANENT			
			WHITE S.F. PAINT	YELLOW S.F. PAINT	WHITE S.F. PAINT	YELLOW S.F. PAINT	REFLECTIVE MEDIA (LBS.)*	BLACK S.F. PAINT
1	8	CENTERLINE MARKINGS	0	1,019	0	1,019	84	0
1	9	TAXIWAY EDGE MARKINGS	0	3,433	0	3,433	281	0
1	10	PATTERN 'A' RUNWAY HOLDING POSITION MARKINGS	0	316	0	316	26	0
		TOTAL	0	4,768	0	4,768	391	0

*REFLECTIVE MEDIA ESTIMATED AT A RATE OF 110 SF/GAL OF PAINT AND 9 LBS OF REFLECTIVE MEDIA PER GALLON OF PAINT.

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY

0 50 100 150
HORIZONTAL SCALE IN FEET

NO.	DATE	REVISIONS
1	7/1/2024	95% CDOT SUBMITAL

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

MARKING PLAN - SHEET 5

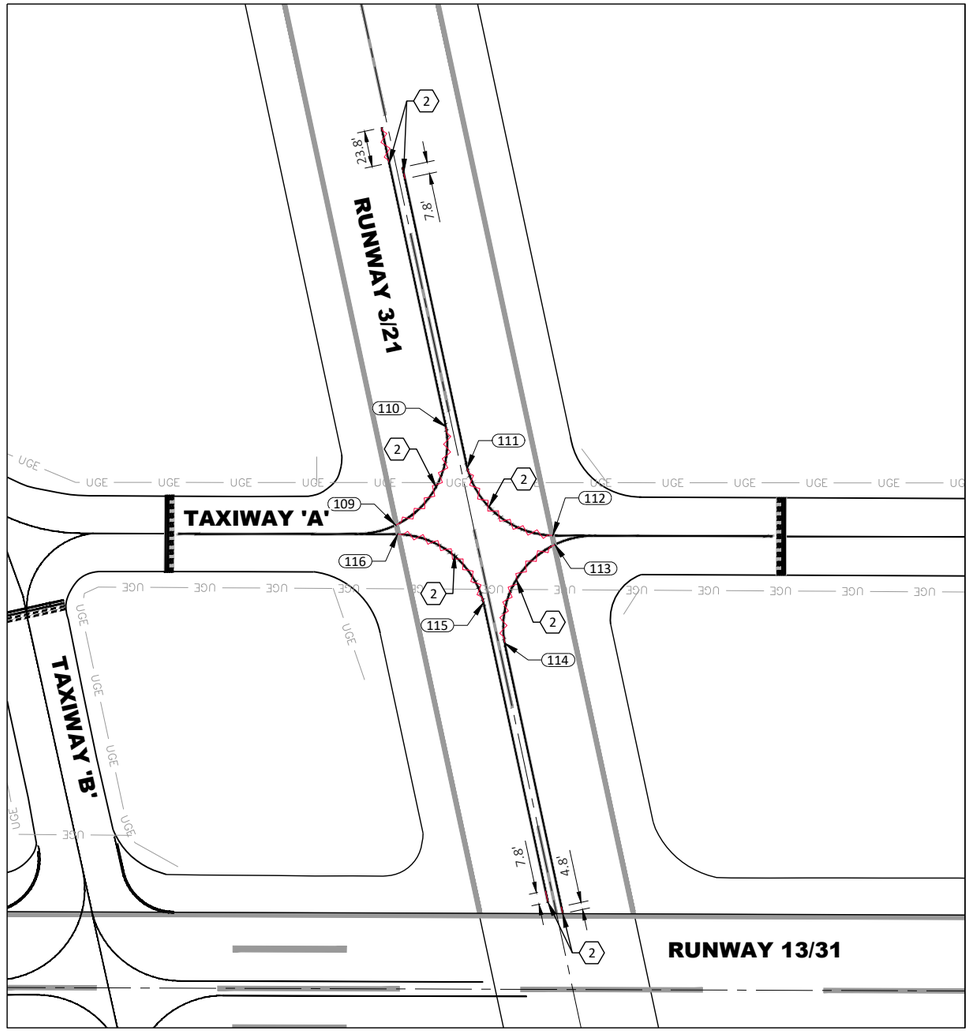
LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

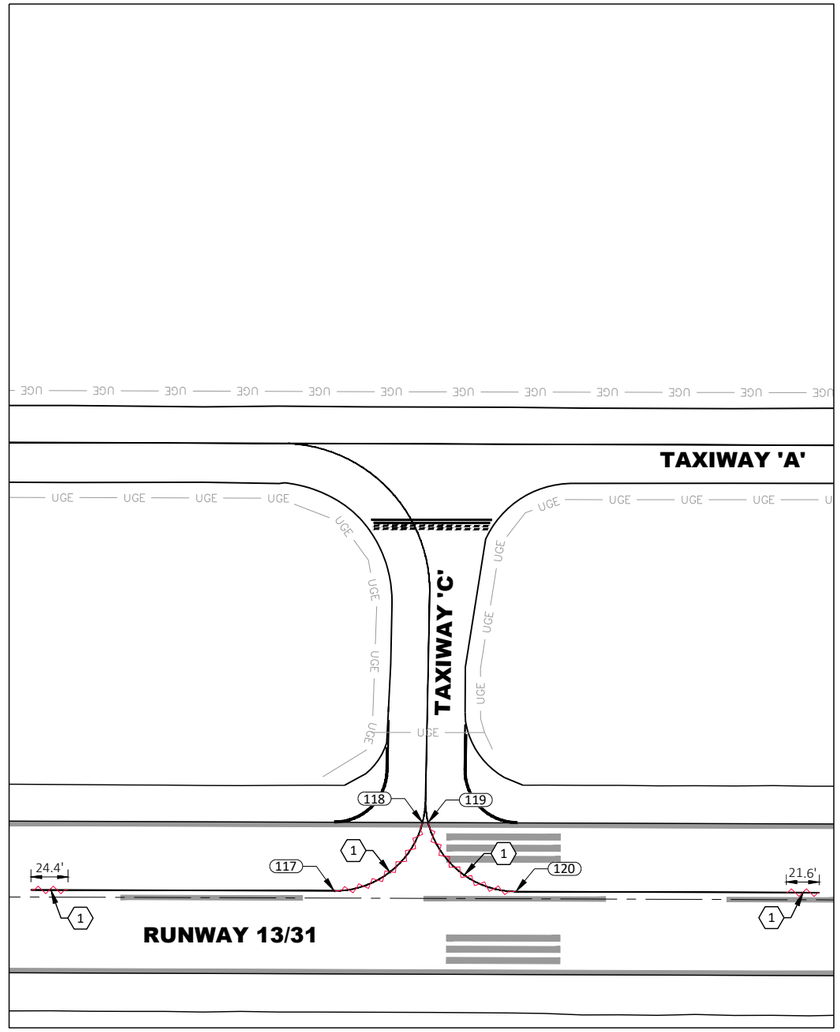
QUANTITIES CHECKED BY: AKM
REVIEWED BY: AVB
DESIGNED BY: KRT
DRAWN BY: DJL

SHEET 72/96
DRAWING NO. M-5

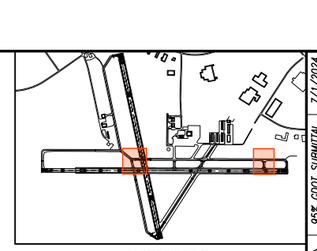
NOT FOR CONSTRUCTION



RUNWAY 13/31 NEAR RUNWAY 3/21
Scale: 1" = 50' (Full Size)



RUNWAY 13/31 NEAR TAXIWAY 'C'
Scale: 1" = 50' (Full Size)



KEY MAP

POINT TABLE		
POINT #	NORTHING	EASTING
109	1095963.93	2018429.44
110	1095995.91	2018494.97
111	1095965.60	2018489.80
112	1095896.12	2018508.22
113	1095890.49	2018505.60
114	1095858.49	2018440.08
115	1095888.31	2018445.01
116	1095958.44	2018426.89
117	1093799.15	2020782.75
118	1093800.04	2020856.45
119	1093797.85	2020859.41
120	1093726.57	2020878.34

CONSTRUCTION NOTES: (#)

1. REMOVE MARKINGS IN ACCORDANCE WITH THE PLAN, TABLES, NOTES ON THIS SHEET AND SPECIFICATIONS.
2. REMOVALS SHALL NOT CAUSE DAMAGE TO THE PAVEMENT SURFACE. THE RPR SHALL APPROVE MARKING REMOVAL PRACTICES PRIOR TO COMPLETION OF THE INITIAL 5% OF MARKING REMOVALS.
3. EXISTING PAVEMENT MARKINGS LOCATED ON PAVEMENT DESIGNATED FOR REMOVAL WILL NOT BE MEASURED NOR PAID FOR. REFER TO SHEET R-1 TO SHEET R-5 FOR PAVEMENT REMOVAL.
4. REFER TO SHEET M-8 FOR MARKING PLAN AND DETAILS.
5. EXISTING MARKINGS DAMAGED OR FADED BY CONTRACTOR OPERATIONS SHALL BE TOUCHED UP AT NO ADDITIONAL COST TO THE AIRPORT.
6. DO NOT DISTURB RUNWAY CENTERLINE MARKINGS.

MARKING REMOVAL (#)					
BID SECTION	NOTE	SYMBOL	LOCATION	LENGTH (L.F.)	QUANTITY (S.F.)
1	1		RUNWAY 13/31 LEAD-ON (0.5' WIDE)	616	308
1	2		RUNWAY 3/21 LEAD-ON (0.5' WIDE)	356	178
			TOTAL	972	486

0 50 100 150
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	95% CDOT SUBMITAL	DATE
1	-	-	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

MARKING REMOVAL PLAN - SHEET 1

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AVB | QUANTITIES CHECKED BY: AKM

SHEET 73/96 | DRAWING NO. M-6

Last Saved: 2/7/2025 5:24:17 PM Saved By: DLEON Plotted: 4/10/2025 12:22 PM
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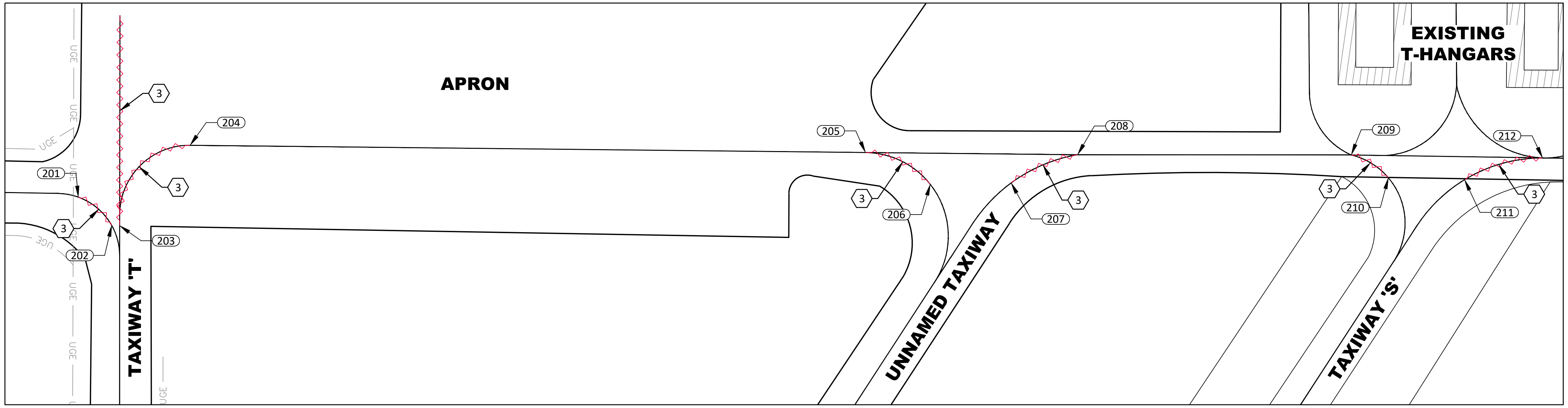
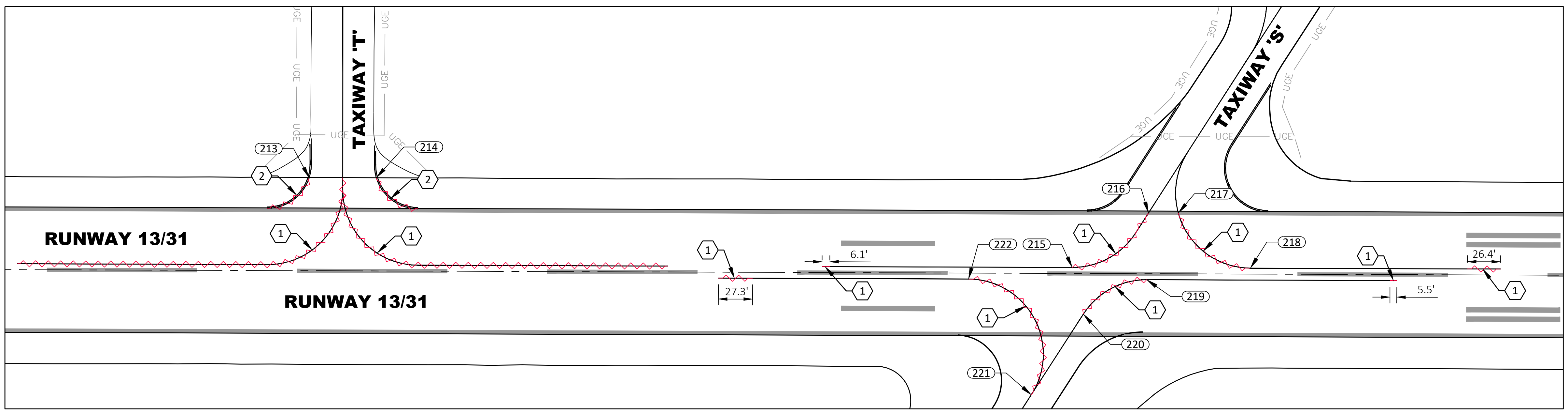
NOT FOR CONSTRUCTION



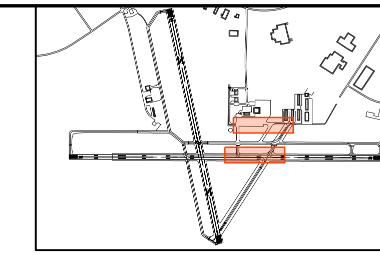
APRON NEAR TAXIWAY 'T', UNNAMED TAXIWAY, AND TAXIWAY 'S'

Scale: 1" = 50' (Full Size)



RUNWAY 13/31 NEAR TAXIWAY 'T' AND TAXIWAY 'S'

Scale: 1" = 50' (Full Size)



POINT TABLE

POINT #	NORTHING	EASTING
201	1095747.56	2019324.36
202	1095713.38	2019332.10
203	1095709.46	2019337.05
204	1095726.86	2019420.77
205	1095397.26	2019848.54
206	1095345.71	2019874.63
207	1095307.68	2019926.94
208	1095293.76	2019983.00
209	1095161.85	2020157.63
210	1095129.41	2020170.36
211	1095091.54	2020218.07
212	1095067.93	2020278.38
213	1095264.26	2018967.77
214	1095231.99	2019010.66
215	1094839.83	2019411.95
216	1094837.89	2019486.86
217	1094823.46	2019505.86
218	1094753.69	2019525.41
219	1094796.22	2019453.68
220	1094804.75	2019396.70
221	1094778.26	2019324.64
222	1094882.36	2019340.22

CONSTRUCTION NOTES: (#)

1. REMOVE MARKINGS IN ACCORDANCE WITH THE PLAN, TABLES, NOTES ON THIS SHEET AND SPECIFICATIONS.
2. REMOVALS SHALL NOT CAUSE DAMAGE TO THE PAVEMENT SURFACE. THE RPR SHALL APPROVE MARKING REMOVAL PRACTICES PRIOR TO COMPLETION OF THE INITIAL 5% OF MARKING REMOVALS.
3. EXISTING PAVEMENT MARKINGS LOCATED ON PAVEMENT DESIGNATED FOR REMOVAL WILL NOT BE MEASURED NOR PAID FOR. REFER TO SHEET R-1 TO SHEET R-5 FOR PAVEMENT REMOVAL.
4. REFER TO SHEET M-6 TO SHEET M-8 FOR MARKING PLAN AND DETAILS.
5. EXISTING MARKINGS DAMAGED OR FADED BY CONTRACTOR OPERATIONS SHALL BE TOUCHED UP AT NO ADDITIONAL COST TO THE AIRPORT.
6. DO NOT DISTURB RUNWAY CENTERLINE MARKINGS.

MARKING REMOVAL (#)

BID SECTION	NOTE	SYMBOL	LOCATION	LENGTH (L.F.)	QUANTITY (S.F.)
1	1		RUNWAY 13/31 LEAD-ON (0.5' WIDE)	1,010	505
1	2		TAXIWAY EDGE MARKING (1' WIDE)	89	89
1	2		APRON CENTERLINE (0.5' WIDE)	512	256
			TOTAL	1,611	850

0 50 100 150

HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

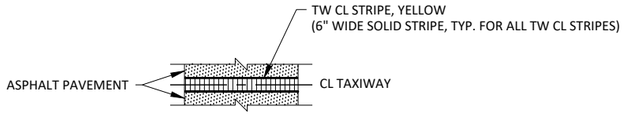
DATE: APRIL 2025

MARKING REMOVAL PLAN - SHEET 2

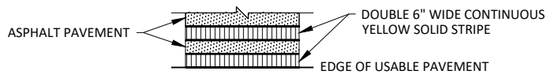
LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01
DRAWN BY: DJL DESIGNED BY: KRT REVIEWED BY: AWB QUANTITIES CHECKED BY: AKM

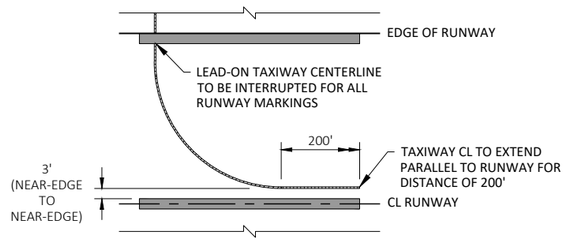
NOT FOR CONSTRUCTION



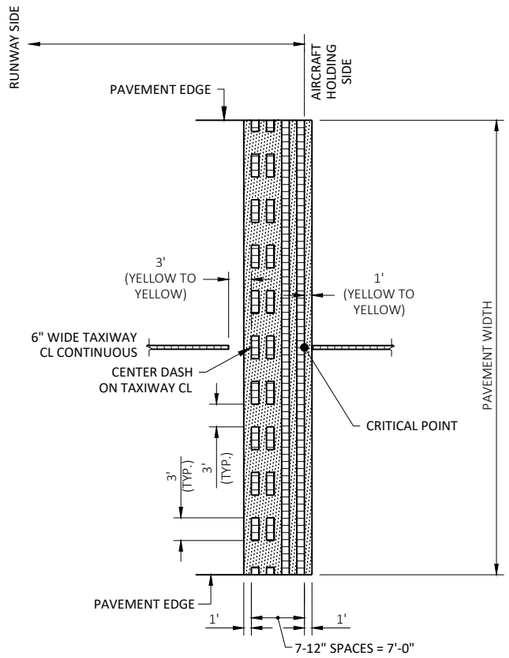
PERMANENT TAXIWAY
CENTERLINE MARKING DETAIL
No Scale



PERMANENT TAXIWAY
EDGE MARKING DETAIL
No Scale



PERMANENT TAXIWAY LEAD-ON
TO RUNWAY MARKING DETAIL
No Scale



PATTERN 'A' RUNWAY HOLDING
POSITION MARKING DETAIL
No Scale

DETAIL LEGEND

- WHITE MARKING
- YELLOW MARKING
- ASPHALT PAVEMENT

NO.	REVISIONS	DATE
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	95% CDOT SUBMITAL	7/1/2024

PROJECT
TAXIWAY 'A' PAVEMENT
REHAB & LIGHTING

DATE
APRIL 2025

MARKING DETAILS

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

GEORGIA
REGISTERED
04/16/2025
No. 043370
PROFESSIONAL
ENGINEER
ALEXANDER K. MOONE

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114

Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: ART | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 75/96

DRAWING NO. M-8

Last Saved: 2/7/2025, 5:25:12 PM Saved By: DLEON Plotted: 4/10/2025, 12:22 PM
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NOT FOR CONSTRUCTION

LAGRANGE-CALLAWAY AIRPORT (LGC)
LAGRANGE, GEORGIA

TAXIWAY 'A' PAVEMENT
REHABILITATION & LIGHTING

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN (ES&PC)

(4) 24-HOUR CONTACT:
AIRPORT/SWPPP:
TROY ANDERSON
TEL: (706) 616-1553

(5) OWNER/PRIMARY PERMITTEE:
TROUP COUNTY BOARD OF COMMISSIONERS
100 RIDLEY AVE, LAGRANGE, GA 30240
EMAIL: COMMISSION@TROUPCO.ORG
TEL: (706) 883-1610

CONSTRUCTION CONTACT: _____
_____
_____

(6) TOTAL SITE AREA: 75.36 AC
DISTURBED AREA: 8.40 AC

(7) GPS LOCATION OF CONSTRUCTION SITE EXIT:
PHASE 1: 33.0073° N, 85.0680° W
PHASE 2: 33.0105° N, 85.0707° W
PHASE 3: 33.0122° N, 85.0754° W

(9) PROJECT DESCRIPTION:
THE NATURE OF THE CONSTRUCTION ACTIVITY IS TO REHABILITATE THE EXISTING TAXIWAY 'A' PAVEMENT WITH A 0.5" SCRATCH MILL OF THE SURFACE FOLLOWED BY A 2" OVERLAY. NEW FILETS FOR THE TAXIWAY WILL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST VERSION OF THE ADVISORY CIRCULAR WHERE REQUIRED. THE STUB CONNECTING TAXIWAY 'T' AND RUNWAY 13/31 WILL BE REMOVED AND REQUIRE GRADING. ADDITIONALLY, A NEW TAXIWAY LIGHTING SYSTEM CONSISTING OF LED LIGHTS, LED SIGNS, NEW CABLES, AND A NEW REGULATOR WILL BE INSTALLED. ACCESS TO THE SITE WILL BE THROUGH EXISTING AIRPORT ENTRY GATE(S) ON EXISTING AIRPORT PAVEMENT.

(9) EXISTING SITE CONDITIONS:
EXISTING SITE CONSISTS OF AN UNDEVELOPED GRASSY INFIELD AREA OF THE LAGRANGE-CALLAWAY AIRPORT. EXISTING CONDITIONS INCLUDE A DRAINAGE DITCH AND TAXILANE THAT WILL BE CONNECTED TO AS A PORTION OF THIS PROJECT.

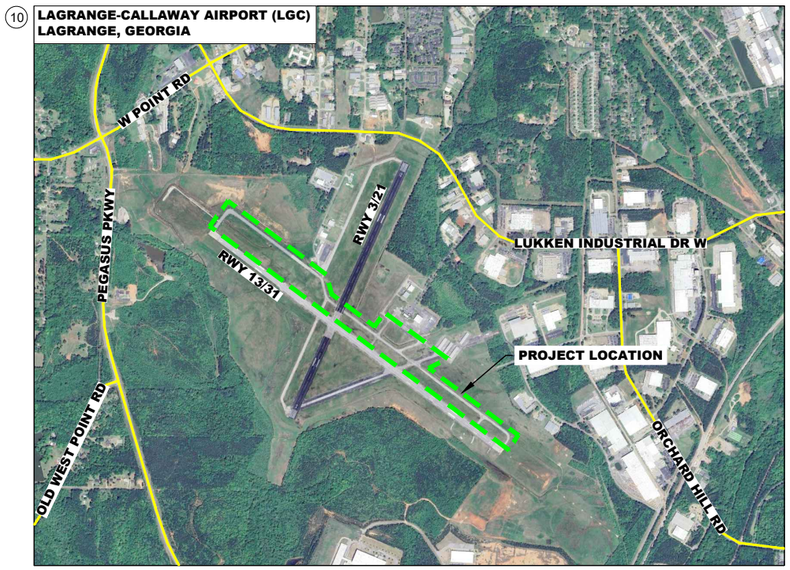
(9) PROPOSED SITE CONDITIONS:
PROPOSED SITE CONSISTS OF A NEW BOX HANGAR, APRON, VEHICLE PARKING AREA, STORM SEWER, UTILITY INSTALLATION AND GRADING OF DRAINAGE DITCHES TO FACILITATE THE MOVEMENT OF WATER OFF AIRPORT PROPERTY.

(11) NAME OF RECEIVING WATERS:
BLUE JOHN CREEK IS THE RECEIVING WATERS FOR THIS PROJECT. THE NATIONAL WETLANDS INVENTORY DEPICTS WETLAND PFO1C DOWNSTREAM OF THE PROJECT LIMITS. THERE IS A DRAINAGE DITCH EXITING THE PROJECT SITE TO THE NORTHEAST WHERE WATER FLOWS TO WETLAND PFO1C AFTER LEAVING THE AIRPORT PROPERTY. SEE SHEET EC-19 TO SHEET EC-21 FOR DETAILS. ALL SITE WORK IS LOCATED WITHIN A SINGLE DRAINAGE BASIN AND THEREFORE THERE IS NO CHANGE TO THE PRE AND POST DRAINAGE BASIN LIMITS.

(45) PRE-CONSTRUCTION COMBINED RUNOFF COEFFICIENT (C): 0.9

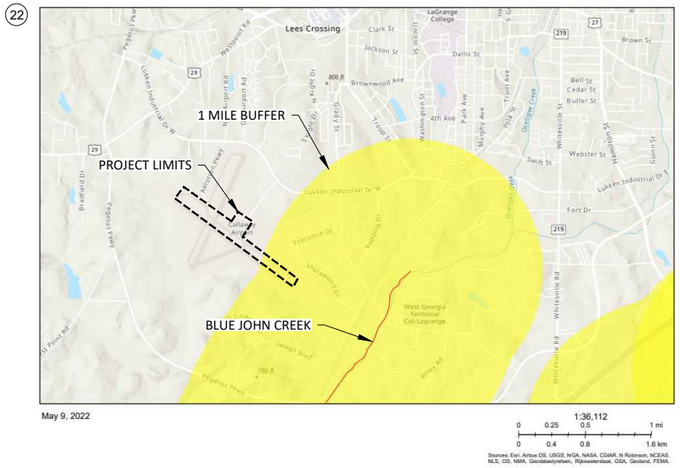
(45) POST-CONSTRUCTION COMBINED RUNOFF COEFFICIENT (C): 0.9

(10) LAGRANGE-CALLAWAY AIRPORT (LGC)
LAGRANGE, GEORGIA



VICINITY MAP
No Scale

(22)



BLUE JOHN CREEK -BIOTA IMPAIRED STREAM DELINEATION
No Scale

(2)

CERTIFIED DESIGN PROFESSIONAL	
NAME	ALEXANDER K. MOONEY, P.E.
LEVEL II CERTIFICATION NO.	000 0072 915
EXPIRATION DATE	6/13/2027

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY

NO.	REVISIONS	DATE
1	95% CDOT SUBMITAL	7/1/2024
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

EROSION & SEDIMENT CONTROL PLAN - COVER SHEET

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 76/96 | DRAWING NO. EC-1

Last Saved: 2/7/2025, 5:29:55 PM Saved By: DLEON Plotted: 4/10/2025 12:22 PM
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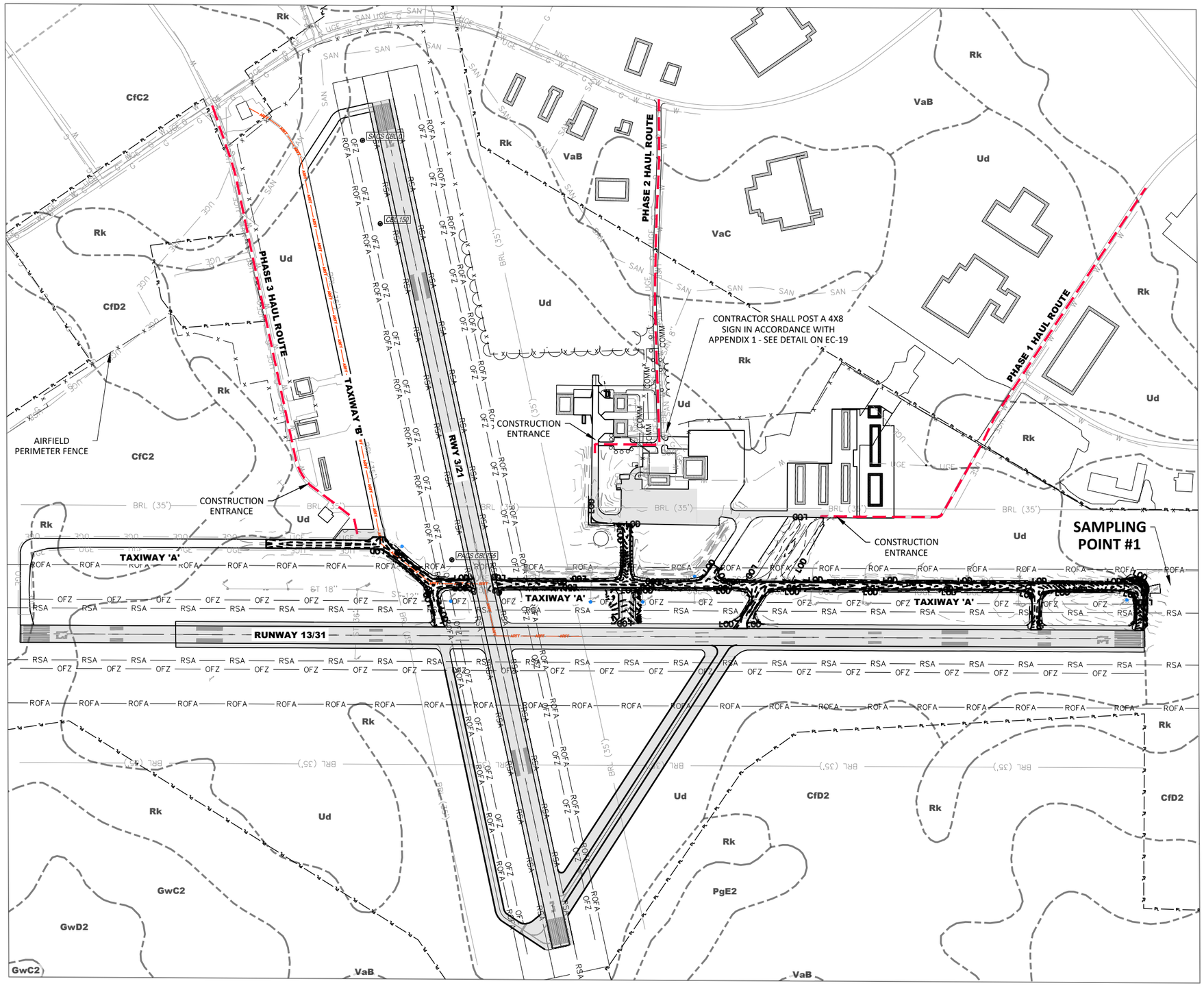
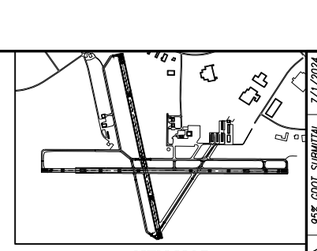
NOT FOR CONSTRUCTION





KEY MAP

LEGEND

- HAUL ROUTE
- PROPOSED FILTER SOCK (FS)
- INLET PROTECTION Sd2-F
- SURFACE RUNOFF DIRECTION
- EXISTING VEGETATION
- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- PROPOSED LIMITS OF DISTURBANCE (SUBGRADE SOIL) (LOD)
- EXISTING CONTOUR
- PROPOSED CONTOUR
- SOIL BOUNDARY
- EMERGENCY VEHICLE ROUTE (ARFF)

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET EC-1, SHEET EC-6, SHEET EC-7, AND SHEET EC-8 FOR ESC NARRATIVE.
2. REFER TO SHEET EC-7 FOR EROSION CONTROL BMP DETAILS.
3. STORM SEWER INLET PROTECTION BMP'S MAY INCLUDE "DANDY SACK" OR OTHER APPROVED METHODS AND WILL VARY DEPENDING ON PHASE OF CONSTRUCTION.
4. WHERE APPLICABLE, FILTER SOCKS SHALL BE PLACED AND SECURED ON THE CONSTRUCTION SIDE OF THE SAFETY BARRICADES.
5. CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST AT ALL TIMES WHILE CONSTRUCTION WORK IS COMPLETED. WATER HAUL ROUTES AND CONSTRUCTION AREAS AS REQUIRED TO ELIMINATE EXCESSIVE DUST AS DIRECTED BY THE OWNER/OWNER'S REPRESENTATIVE. ALL REQUESTS SHALL BE COMPLETED IMMEDIATELY BY THE CONTRACTOR.
6. RESTORE ALL AREAS DISTURBED BY CONSTRUCTION PRIOR TO COMPLETING EACH PHASE OF THE PROJECT.
7. FILTER SOCK IS NOT REQUIRED WHERE MILL AND OVERLAY WORK IS BEING COMPLETED.
8. TOTAL SOIL DISTURBANCE ON THIS SHEET IS 366,000 S.F.

N

0 300 600 900
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
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95% GDOT SUBMITTAL 7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

EROSION & SEDIMENT CONTROL PLAN - OVERALL

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: HRT | REVIEWED BY: AVB | QUANTITIES CHECKED BY: AKM

SHEET 77/96 | DRAWING NO. EC-2

Last Saved: 2/10/2025 2:42:00 PM Saved By: BLEON Plotted: 4/10/2025 12:23 PM
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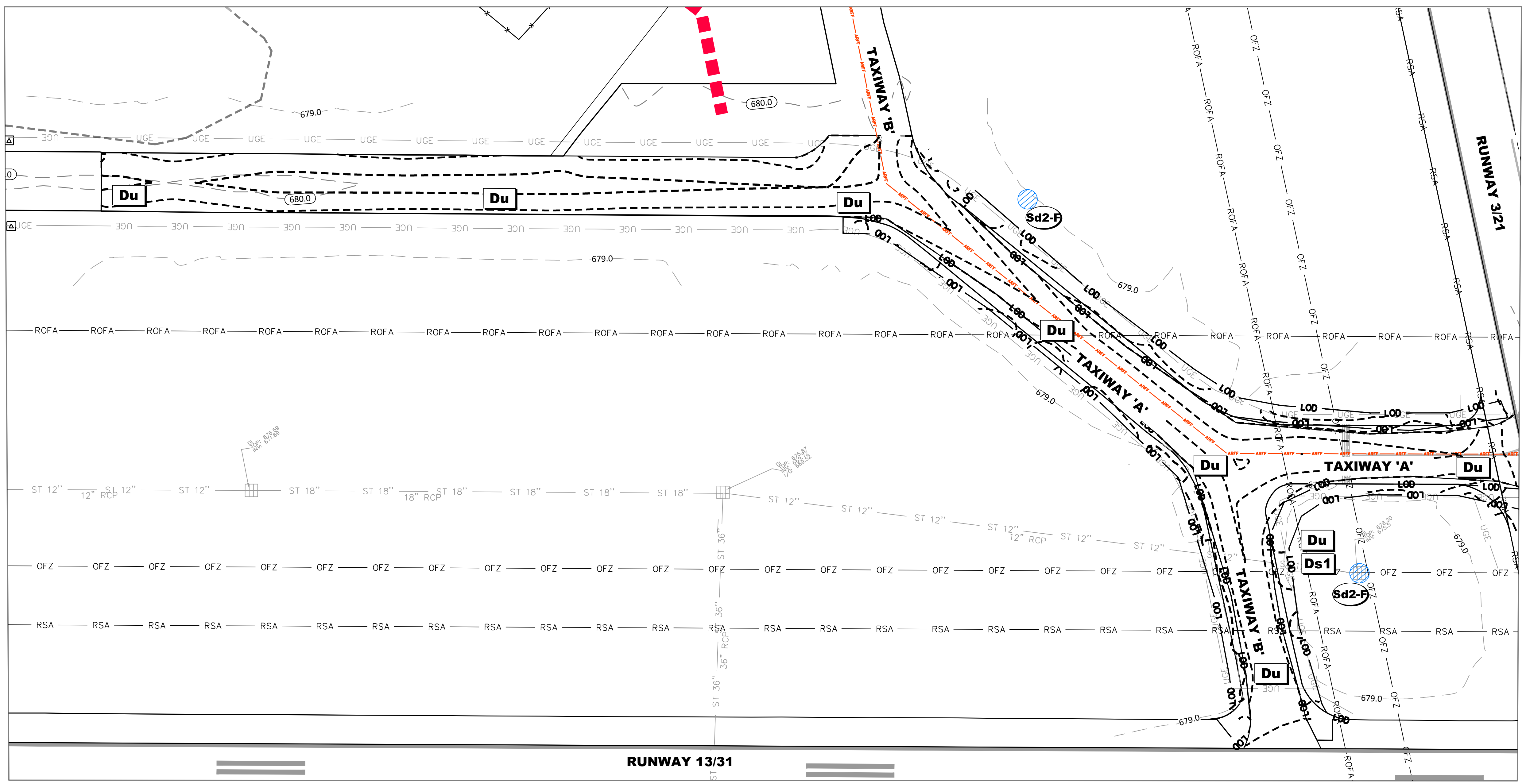
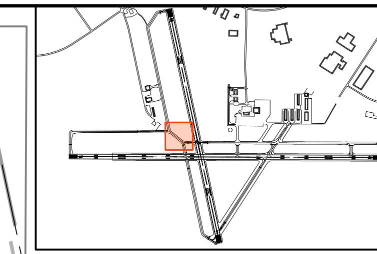


TAXIWAY 'A' FULL PAVEMENT REHABILITATION - ALTERNATIVE B



SEDIMENT STORAGE NOTE:

DUE TO THE NATURE OF THE PROJECT (PAVEMENT REMOVAL) A CUT OF AN AVERAGE 16" WILL BE MADE ALONG THE TAXIWAY SHOULDERS. THE DEPRESSION AT THE TAXIWAY SHOULDER WILL PROVIDE MORE THAN THE REQUIRED 67 CY/ACRE STORAGE VOLUME REQUIREMENT.

CONSTRUCTION NOTES: (#)

1. Refer To Sheet EC-1, Sheet EC-6, Sheet EC-7, And Sheet EC-8 For ESC Narrative.
2. Refer To Sheet EC-7 For Erosion Control BMP Details.
3. Storm Sewer Inlet Protection BMP'S May Include "Dandy Sack" Or Other Approved Methods And Will Vary Depending On Phase Of Construction.
4. Where Applicable, Filter Socks Shall Be Placed And Secured On The Construction Side Of The Safety Barricades.
5. Contractor Shall Be Responsible To Control Dust At All Times While Construction Work Is Completed. Water Haul Routes And Construction Areas As Required To Eliminate Excessive Dust As Directed By The Owner/Owner's Representative. All Requests Shall Be Completed Immediately By The Contractor.
6. Restore All Areas Disturbed By Construction Prior To Completing Each Phase Of The Project.
7. Filter Sock Is Not Required Where Mill And Overlay Work Is Being Completed.
8. Total Soil Disturbance On This Sheet Is 366,000 S.F.

SHEET EROSION CONTROL QUANTITIES

NO.	BID SECTION	BMP	QUANTITY
1	ALT B	INLET PROTECTION	1 EA

REQUIRED SILT STORAGE

SILT DETENTION AREA	DISTURBED AREA (ACRE)	REQ'D SILT STORAGE (CY)*	AVAILABLE STORAGE (CY)	REQ'D CLEANOUT ELEV.**
1	0	0	0	N/A

*REQUIRES SILT STORAGE = DISTURBED AREA * 67 CY/ACRE

**SILT STORED IN THE WORK AREA SHALL BE IMMEDIATELY REMOVED, WHEN THE CALLED OUT COLLECTION POINT IS AT OR ABOVE REQUIRED CLEANOUT ELEVATION.

***AVAILABLE STORAGE CALCULATED UTILIZING TIN SURFACE VOLUMETRIC COMPARISON BETWEEN BOTTOM OF PROPOSED FACILITY TO THE EMERGENCY SPILLWAY INVERT.

LEGEND

- HAUL ROUTE
- FS — PROPOSED FILTER SOCK
- INLET PROTECTION Sd2-F
- SURFACE RUNOFF DIRECTION
- EXISTING VEGETATION
- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- LOD — PROPOSED LIMITS OF DISTURBANCE (SUBGRADE SOIL)
- EXISTING CONTOUR
- PROPOSED CONTOUR
- SOIL BOUNDARY
- ARFF — EMERGENCY VEHICLE ROUTE

LEGEND

- TOFA — TAXIWAY OBJECT FREE AREA
- TSA — TAXIWAY SAFETY AREA
- OFZ — OBSTACLE-FREE ZONE
- Ds1 — DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
- Ds2 — DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
- Du — DUST CONTROL
- Sd1-S — SEDIMENT BARRIER
- Sd2-F — INLET SETTLEMENT TRAP
- SF — SILT FENCE Sd1-S
- Co — CONSTRUCTION EXIT

N

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 043370 ALEXANDER K. MOONE 04/16/2025

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HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

EROSION & SEDIMENT CONTROL PLAN - INITIAL - SHEET 1

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 78/96 DRAWING NO. EC-3

Last Saved: 2/10/2025 2:42:00 PM Saved By: DLEONI Plotted: 4/10/2025 12:23 PM
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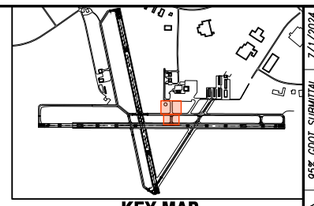
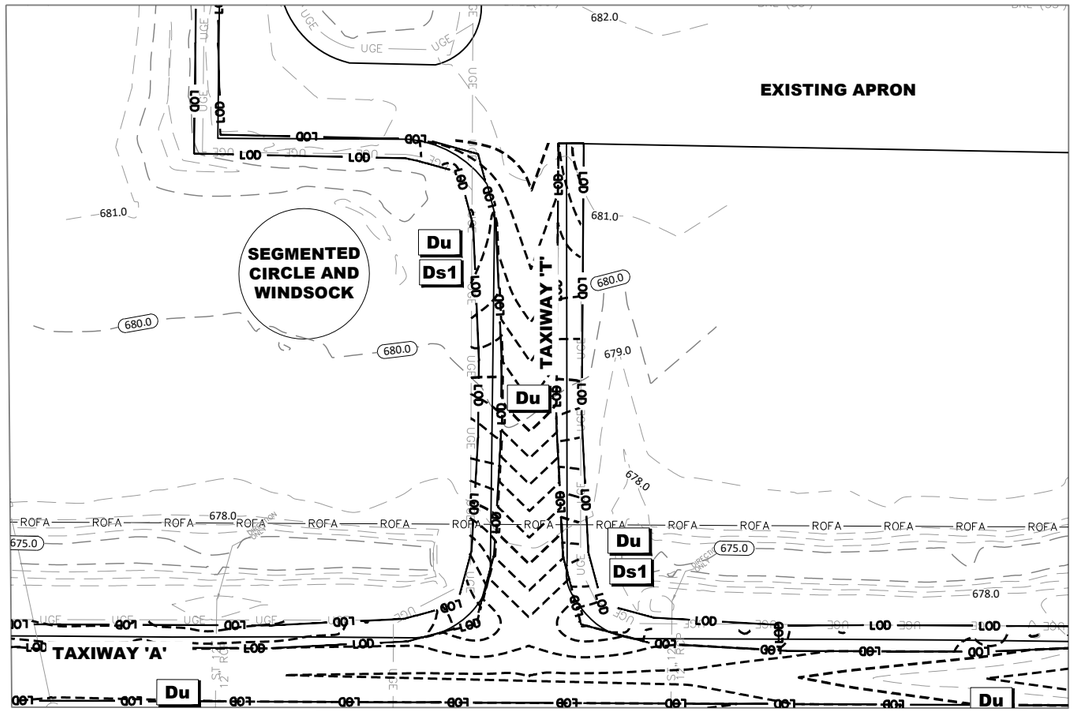
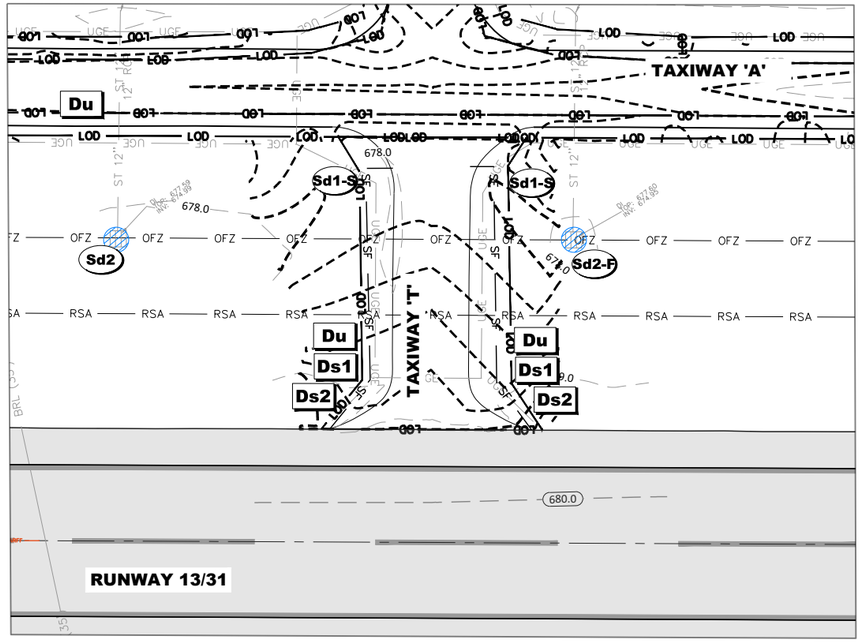


KEY MAP



TAXIWAY 'T' REHABILITATION - ALTERNATIVE A



TAXIWAY 'T' REMOVAL - BASE BID 1

SEDIMENT STORAGE NOTE:

DUE TO THE NATURE OF THE PROJECT (PAVEMENT REMOVAL) A CUT OF AN AVERAGE 16" WILL BE MADE ALONG THE TAXIWAY SHOULDERS. THE DEPRESSION AT THE TAXIWAY SHOULDER WILL PROVIDE MORE THAN THE REQUIRED 67 CY/ACRE STORAGE VOLUME REQUIREMENT.

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET EC-1, SHEET EC-6, SHEET EC-7, AND SHEET EC-8 FOR ESC NARRATIVE.
2. REFER TO SHEET EC-7 FOR EROSION CONTROL BMP DETAILS.
3. STORM SEWER INLET PROTECTION BMP'S MAY INCLUDE "DANDY SACK" OR OTHER APPROVED METHODS AND WILL VARY DEPENDING ON PHASE OF CONSTRUCTION.
4. WHERE APPLICABLE, FILTER SOCKS SHALL BE PLACED AND SECURED ON THE CONSTRUCTION SIDE OF THE SAFETY BARRICADES.
5. CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST AT ALL TIMES WHILE CONSTRUCTION WORK IS COMPLETED. WATER HAUL ROUTES AND CONSTRUCTION AREAS AS REQUIRED TO ELIMINATE EXCESSIVE DUST AS DIRECTED BY THE OWNER/OWNER'S REPRESENTATIVE. ALL REQUESTS SHALL BE COMPLETED IMMEDIATELY BY THE CONTRACTOR.
6. RESTORE ALL AREAS DISTURBED BY CONSTRUCTION PRIOR TO COMPLETING EACH PHASE OF THE PROJECT.
7. FILTER SOCK IS NOT REQUIRED WHERE MILL AND OVERLAY WORK IS BEING COMPLETED.
8. TOTAL SOIL DISTURBANCE ON THIS SHEET IS 366,000 S.F.

SHEET EROSION CONTROL QUANTITIES

NO.	BID SECTION	BMP	QUANTITY
(1)	BASE BID 1	INLET PROTECTION	2 EA

REQUIRED SILT STORAGE

SILT DETENTION AREA	DISTURBED AREA (ACRE)	REQ'D SILT STORAGE (CY)*	AVAILABLE STORAGE (CY)	REQ'D CLEANOUT ELEV.**
(1)	0	0	0	N/A

*REQUIRES SILT STORAGE = DISTURBED AREA * 67 CY/ACRE

**SILT STORED IN THE WORK AREA SHALL BE IMMEDIATELY REMOVED, WHEN THE CALLED OUT COLLECTION POINT IS AT OR ABOVE REQUIRED CLEANOUT ELEVATION.

***AVAILABLE STORAGE CALCULATED UTILIZING TIN SURFACE VOLUMETRIC COMPARISON BETWEEN BOTTOM OF PROPOSED FACILITY TO THE EMERGENCY SPILLWAY INVERT.

LEGEND

- HAUL ROUTE
- FS — PROPOSED FILTER SOCK
- INLET PROTECTION Sd2-F
- SURFACE RUNOFF DIRECTION
- EXISTING VEGETATION
- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- LOD — PROPOSED LIMITS OF DISTURBANCE (SUBGRADE SOIL)
- 275.0 — EXISTING CONTOUR
- (275.0) — PROPOSED CONTOUR

LEGEND

- TOFA — TAXIWAY OBJECT FREE AREA
- TSA — TAXIWAY SAFETY AREA
- OFZ — OBSTACLE-FREE ZONE
- Ds1 — DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
- Ds2 — DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
- Du — DUST CONTROL
- Sd1-S — SEDIMENT BARRIER
- Sd2-F — INLET SETTLEMENT TRAP
- SF — SILT FENCE Sd1-S
- Co — CONSTRUCTION EXIT

0 50 100 150
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
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-	-	-
-	-	-
-	-	-
95% CDOT SUBMITAL		7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

EROSION & SEDIMENT CONTROL PLAN - INITIAL - SHEET 2

LAGRANGE - CALLAWAY AIRPORT (LGC)
LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706.722.4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AVB | QUANTITIES CHECKED BY: AKM

SHEET 79/96 | DRAWING NO. EC-4

Last Saved: 2/10/2025 2:42:00 PM Saved By: BLEON Plotted: 4/10/2025 12:23 PM
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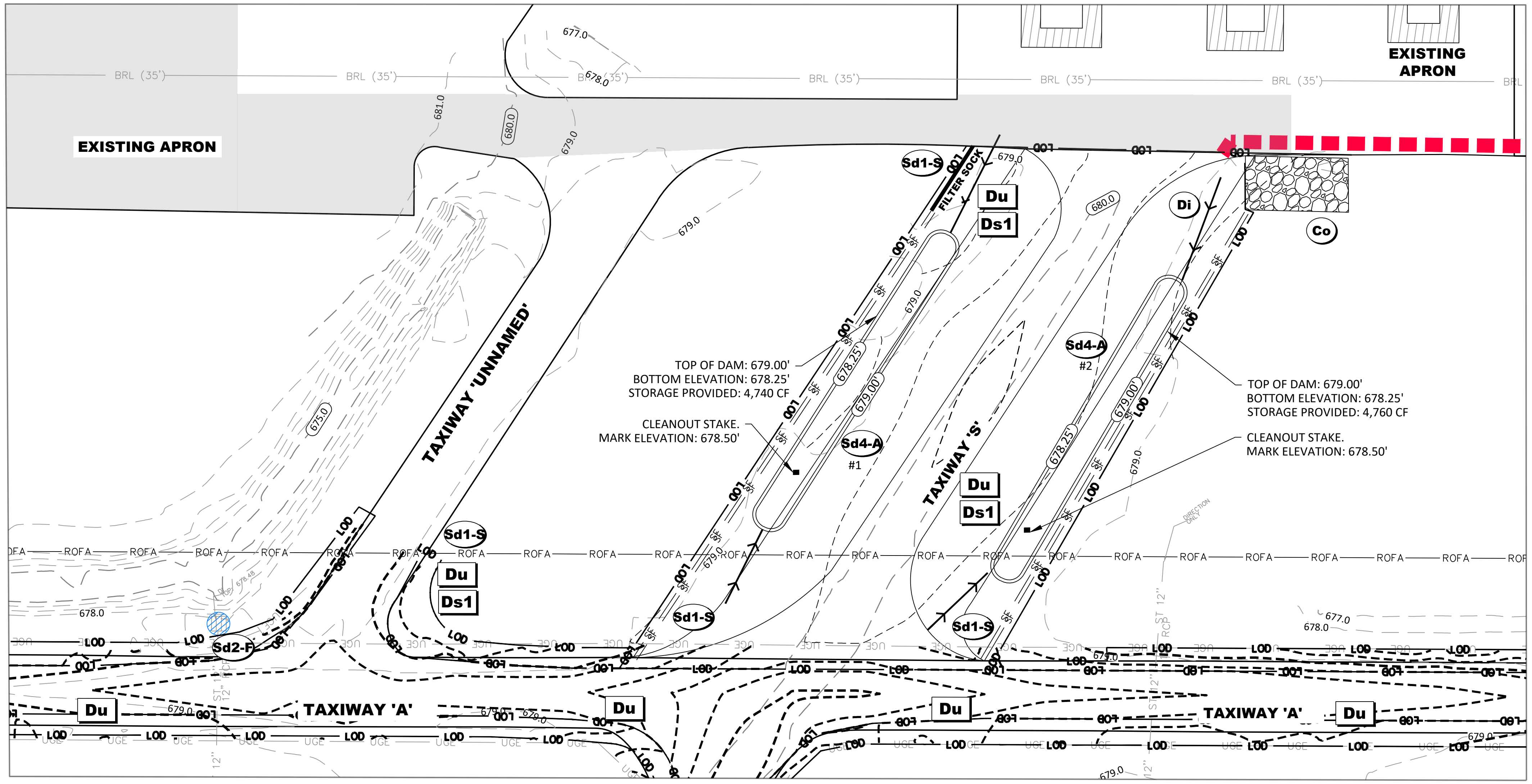
NOT FOR CONSTRUCTION



UNNAMED TAXIWAY PAVEMENT REHABILITATION - ALTERNATIVE C

TAXIWAY 'S' REMOVAL - ALTERNATIVE D

SEDIMENT STORAGE NOTE:

DUE TO THE NATURE OF THE PROJECT (PAVEMENT REMOVAL) A CUT OF AN AVERAGE 16" WILL BE MADE ALONG THE TAXIWAY SHOULDERS. THE DEPRESSION AT THE TAXIWAY SHOULDER WILL PROVIDE MORE THAN THE REQUIRED 67 CY/ACRE STORAGE VOLUME REQUIREMENT.

SHEET EROSION CONTROL QUANTITIES

NO.	BID SECTION	BMP	QUANTITY
1	ALT C	INLET PROTECTION	1 EA

CONSTRUCTION NOTES: #

1. REFER TO SHEET EC-1, SHEET EC-6, SHEET EC-7, AND SHEET EC-8 FOR ESC NARRATIVE.
2. REFER TO SHEET EC-7 FOR EROSION CONTROL BMP DETAILS.
3. STORM SEWER INLET PROTECTION BMP'S MAY INCLUDE "DANDY SACK" OR OTHER APPROVED METHODS AND WILL VARY DEPENDING ON PHASE OF CONSTRUCTION.
4. WHERE APPLICABLE, FILTER SOCKS SHALL BE PLACED AND SECURED ON THE CONSTRUCTION SIDE OF THE SAFETY BARRICADES.
5. CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST AT ALL TIMES WHILE CONSTRUCTION WORK IS COMPLETED. WATER HAUL ROUTES AND CONSTRUCTION AREAS AS REQUIRED TO ELIMINATE EXCESSIVE DUST AS DIRECTED BY THE OWNER/OWNER'S REPRESENTATIVE. ALL REQUESTS SHALL BE COMPLETED IMMEDIATELY BY THE CONTRACTOR.
6. RESTORE ALL AREAS DISTURBED BY CONSTRUCTION PRIOR TO COMPLETING EACH PHASE OF THE PROJECT.
7. FILTER SOCK IS NOT REQUIRED WHERE MILL AND OVERLAY WORK IS BEING COMPLETED.
8. TOTAL SOIL DISTURBANCE ON THIS SHEET IS 366,000 S.F.

REQUIRED SILT STORAGE

SILT DETENTION AREA	DISTURBED AREA (ACRE)	REQ'D SILT STORAGE (CY)*	AVAILABLE STORAGE (CY)	REQ'D CLEANOUT ELEV.**
Sd4-A #1	1.1	74	175.6	678.5
Sd4-A #2	1.1	74	176.3	678.5

*REQUIRES SILT STORAGE = DISTURBED AREA * 67 CY/ACRE

**SILT STORED IN THE WORK AREA SHALL BE IMMEDIATELY REMOVED, WHEN THE CALLED OUT COLLECTION POINT IS AT OR ABOVE REQUIRED CLEANOUT ELEVATION.

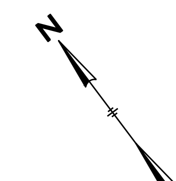
***AVAILABLE STORAGE CALCULATED UTILIZING TIN SURFACE VOLUMETRIC COMPARISON BETWEEN BOTTOM OF PROPOSED FACILITY TO THE EMERGENCY SPILLWAY INVERT.

LEGEND

Symbol	Description
(red dashed line)	HAUL ROUTE
FS	PROPOSED FILTER SOCK
(hatched circle) Sd2-F	INLET PROTECTION
(blue arrow)	SURFACE RUNOFF DIRECTION
(dotted green box)	EXISTING VEGETATION
(white box)	EXISTING PAVEMENT
(yellow box)	PROPOSED PAVEMENT
LOD	PROPOSED LIMITS OF DISTURBANCE (SUBGRADE SOIL)
275.0	EXISTING CONTOUR
(275.0)	PROPOSED CONTOUR

LEGEND

Symbol	Description
TOFA	TAXIWAY OBJECT FREE AREA
TSA	TAXIWAY SAFETY AREA
OFZ	OBSTACLE-FREE ZONE
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
Du	DUST CONTROL
Sd1-S	SEDIMENT BARRIER
Sd2-F	INLET SETTLEMENT TRAP
Sd4	TEMPORARY SEDIMENT TRAP
SF	SILT FENCE Sd1-S
Co	CONSTRUCTION EXIT



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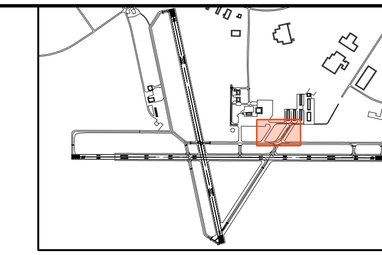
HORIZONTAL SCALE IN FEET



KEY MAP

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

PROJECT
TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

DATE
APRIL 2025

EROSION & SEDIMENT CONTROL PLAN - INITIAL - SHEET 3

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 80/96 DRAWING NO. EC-5

Last Saved: 2/10/2025 2:42:00 PM Saved By DLEONI Plotted: 4/10/2025 12:24 PM
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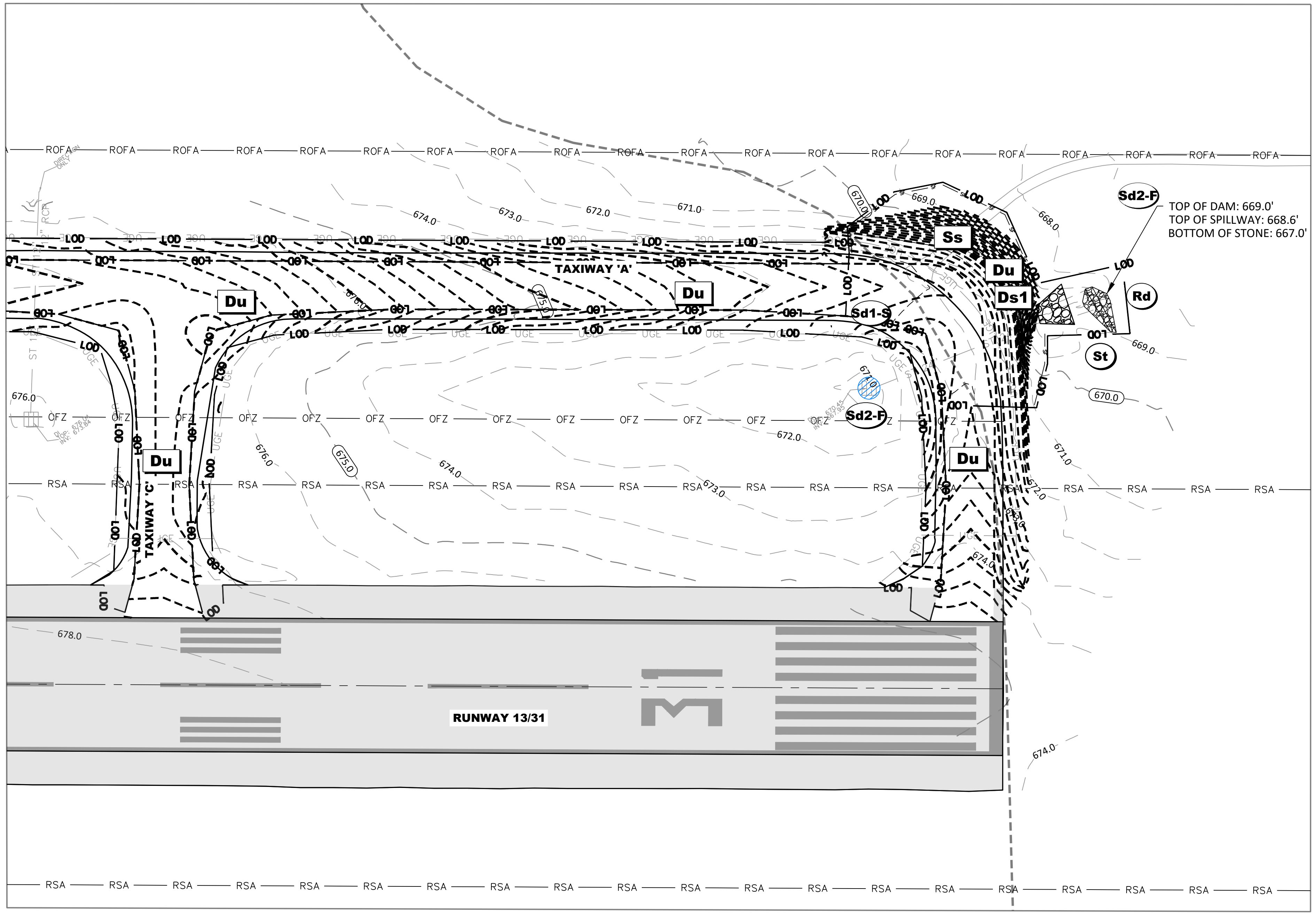
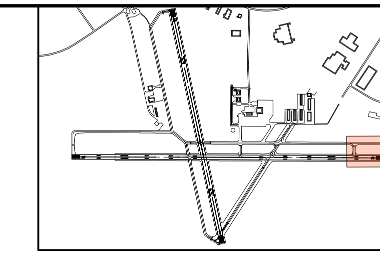
NOT FOR CONSTRUCTION





SEDIMENT STORAGE NOTE:

DUE TO THE NATURE OF THE PROJECT (PAVEMENT REMOVAL) A CUT OF AN AVERAGE 16" WILL BE MADE ALONG THE TAXIWAY SHOULDERS. THE DEPRESSION AT THE TAXIWAY SHOULDER WILL PROVIDE MORE THAN THE REQUIRED 67 CY/ACRE STORAGE VOLUME REQUIREMENT.

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET EC-1, SHEET EC-6, SHEET EC-7, AND SHEET EC-8 FOR ESC NARRATIVE.
2. REFER TO SHEET EC-7 FOR EROSION CONTROL BMP DETAILS.
3. STORM SEWER INLET PROTECTION BMP'S MAY INCLUDE "DANDY SACK" OR OTHER APPROVED METHODS AND WILL VARY DEPENDING ON PHASE OF CONSTRUCTION.
4. WHERE APPLICABLE, FILTER SOCKS SHALL BE PLACED AND SECURED ON THE CONSTRUCTION SIDE OF THE SAFETY BARRICADES.
5. CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST AT ALL TIMES WHILE CONSTRUCTION WORK IS COMPLETED. WATER HAUL ROUTES AND CONSTRUCTION AREAS AS REQUIRED TO ELIMINATE EXCESSIVE DUST AS DIRECTED BY THE OWNER/OWNER'S REPRESENTATIVE. ALL REQUESTS SHALL BE COMPLETED IMMEDIATELY BY THE CONTRACTOR.
6. RESTORE ALL AREAS DISTURBED BY CONSTRUCTION PRIOR TO COMPLETING EACH PHASE OF THE PROJECT.
7. FILTER SOCK IS NOT REQUIRED WHERE MILL AND OVERLAY WORK IS BEING COMPLETED.
8. TOTAL SOIL DISTURBANCE ON THIS SHEET IS 366,000 S.F.

SHEET EROSION CONTROL QUANTITIES

NO.	BID SECTION	BMP	QUANTITY
1	ALT D	INLET PROTECTION	1 EA
	ALT D	SILT FENCE	
	ALT D	CRUSHED AGGREGATE (FOR ST AND RD)	

REQUIRED SILT STORAGE

SILT DETENTION AREA	DISTURBED AREA (ACRE)	REQ'D SILT STORAGE (CY)*	AVAILABLE STORAGE (CY)	REQ'D CLEANOUT ELEV.**
1	0.5	33.5	XXX.XX	XXX.X'

*REQUIRES SILT STORAGE = DISTURBED AREA * 67 CY/ACRE

**SILT STORED IN THE WORK AREA SHALL BE IMMEDIATELY REMOVED, WHEN THE CALLED OUT COLLECTION POINT IS AT OR ABOVE REQUIRED CLEANOUT ELEVATION.

***AVAILABLE STORAGE CALCULATED UTILIZING TIN SURFACE VOLUMETRIC COMPARISON BETWEEN BOTTOM OF PROPOSED FACILITY TO THE EMERGENCY SPILLWAY INVERT.

LEGEND

— — —	HAUL ROUTE
— FS —	PROPOSED FILTER SOCK
Sd2-F	INLET PROTECTION
← —	SURFACE RUNOFF DIRECTION
	EXISTING VEGETATION
	EXISTING PAVEMENT
	PROPOSED PAVEMENT
— LOD —	PROPOSED LIMITS OF DISTURBANCE (SUBGRADE SOIL)
— 275.0 —	EXISTING CONTOUR
- - (275.0) - -	PROPOSED CONTOUR

LEGEND

— TOFA —	TAXIWAY OBJECT FREE AREA
— TSA —	TAXIWAY SAFETY AREA
— OFZ —	OBSTACLE-FREE ZONE
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
Du	DUST CONTROL
Sd1-S	SEDIMENT BARRIER
Sd2-F	INLET SETTLEMENT TRAP
Sd4	TEMPORARY SEDIMENT TRAP
— SF —	SILT FENCE Sd1-S
Co	CONSTRUCTION EXIT
Rd	ROCK DAM

N

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 043370 ALEXANDER K. MOONEY 04/16/2025

0 50 100 150
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
△	95% GDOT SUBMITTAL	7/1/2024
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

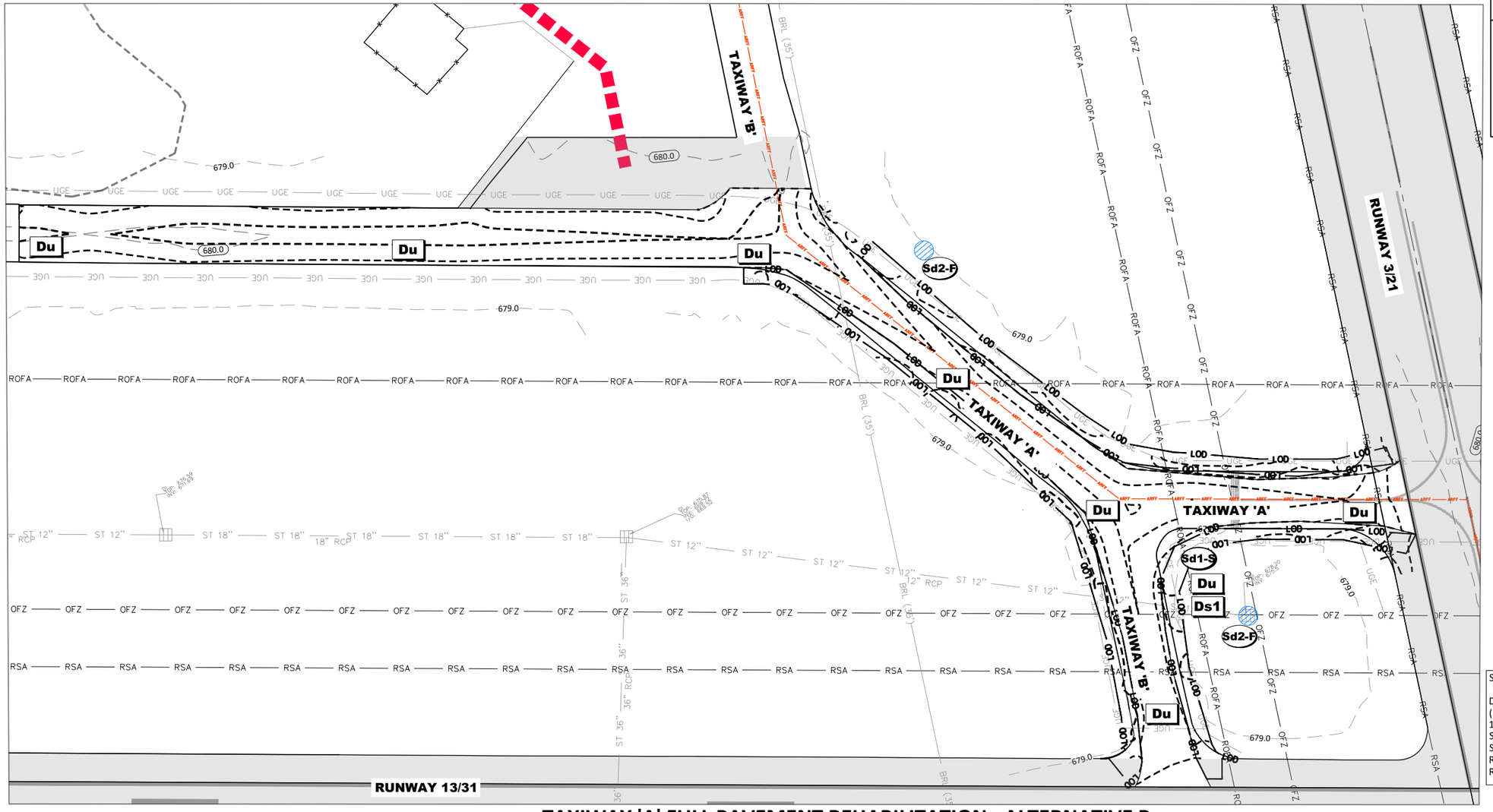
DATE: APRIL 2025

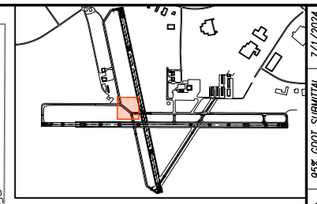
EROSION & SEDIMENT CONTROL PLAN - INITIAL - SHEET 4

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01
DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

NOT FOR CONSTRUCTION





KEY MAP

NO.	REVISIONS	DATE
1	-	7/1/2024
	95% GDOT SUBMITTAL	

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

DATE: APRIL 2025

EROSION & SEDIMENT CONTROL PLAN - INTERMEDIATE - SHEET 1

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

TAXIWAY 'A' FULL PAVEMENT REHABILITATION - ALTERNATIVE B

SEDIMENT STORAGE NOTE:

DUE TO THE NATURE OF THE PROJECT (PAVEMENT REMOVAL) A CUT OF AN AVERAGE 16" WILL BE MADE ALONG THE TAXIWAY SHOULDERS. THE DEPRESSION AT THE TAXIWAY SHOULDER WILL PROVIDE MORE THAN THE REQUIRED 67 CY/ACRE STORAGE VOLUME REQUIREMENT.

CONSTRUCTION NOTES: (#)

1. Refer To Sheet EC-1, Sheet EC-6, Sheet EC-7, And Sheet EC-8 For ESC Narrative.
2. Refer To Sheet EC-7 For Erosion Control BMP Details.
3. Storm Sewer Inlet Protection BMP'S May Include "Dandy Sack" Or Other Approved Methods And Will Vary Depending On Phase Of Construction.
4. Where Applicable, Filter Socks Shall Be Placed And Secured On The Construction Side Of The Safety Barricades.
5. Contractor Shall Be Responsible To Control Dust At All Times While Construction Work Is Completed. Water Haul Routes And Construction Areas As Required To Eliminate Excessive Dust As Directed By The Owner/Owner's Representative. All Requests Shall Be Completed Immediately By The Contractor.
6. Restore All Areas Disturbed By Construction Prior To Completing Each Phase Of The Project.
7. Filter Sock Is Not Required Where Mill And Overlay Work Is Being Completed.
8. Total Soil Disturbance On This Sheet Is 366,000 S.F.

SHEET EROSION CONTROL QUANTITIES

NO.	BID SECTION	BMP	QUANTITY
(1)	1-1	INLET PROTECTION	6 EA

REQUIRED SILT STORAGE

SILT DETENTION AREA	DISTURBED AREA (ACRE)	REQ'D SILT STORAGE (CY)*	AVAILABLE STORAGE (CY)	REQ'D CLEANOUT ELEV.**
(1)	0	0	0	N/A

*REQUIRES SILT STORAGE = DISTURBED AREA * 67 CY/ACRE

**SILT STORED IN THE WORK AREA SHALL BE IMMEDIATELY REMOVED, WHEN THE CALLED OUT COLLECTION POINT IS AT OR ABOVE REQUIRED CLEANOUT ELEVATION.

***AVAILABLE STORAGE CALCULATED UTILIZING TIN SURFACE VOLUMETRIC COMPARISON BETWEEN BOTTOM OF PROPOSED FACILITY TO THE EMERGENCY SPILLWAY INVERT.

LEGEND

- HAUL ROUTE
- PROPOSED FILTER SOCK
- INLET PROTECTION Sd2-F
- SURFACE RUNOFF DIRECTION
- EXISTING VEGETATION
- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- LOD — PROPOSED LIMITS OF DISTURBANCE (SUBGRADE SOIL)
- 275.0 — EXISTING CONTOUR
- (275.0) — PROPOSED CONTOUR

LEGEND

- TOFA — TAXIWAY OBJECT FREE AREA
- TSA — TAXIWAY SAFETY AREA
- OFZ — OBSTACLE-FREE ZONE
- Ds1 — DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
- Ds2 — DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
- Du — DUST CONTROL
- Sd1-S — SEDIMENT BARRIER
- Sd2-F — INLET SETTLEMENT TRAP
- SF — SILT FENCE Sd1-S
- Co — CONSTRUCTION EXIT

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONE

0 50 100 150

HORIZONTAL SCALE IN FEET

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024025.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 82/96 | DRAWING NO. EC-7

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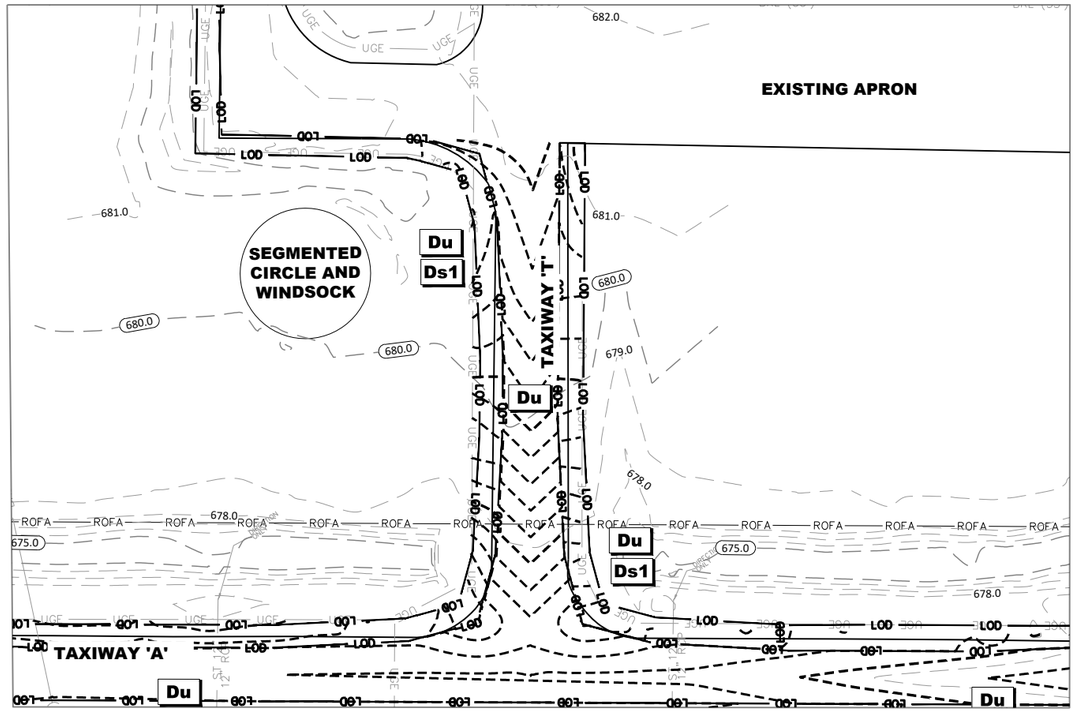
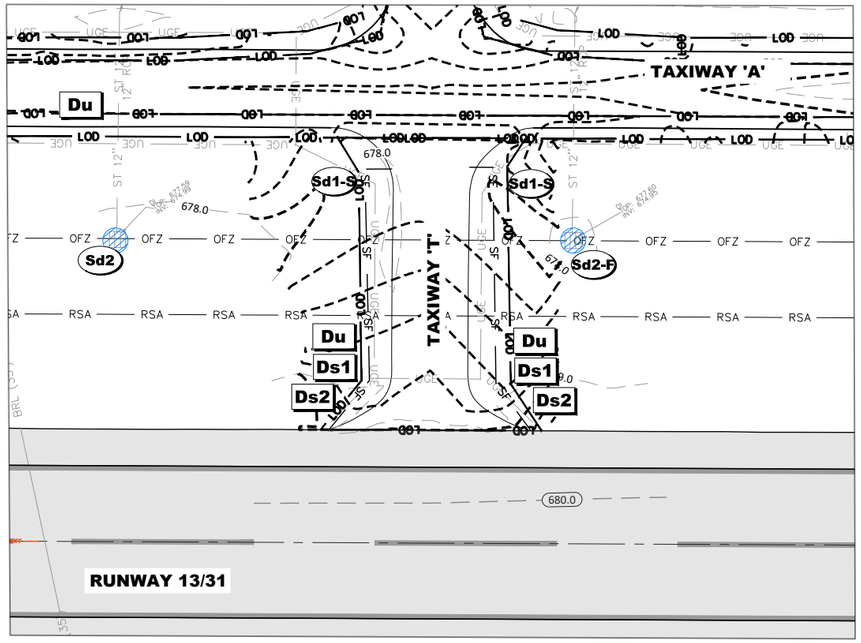
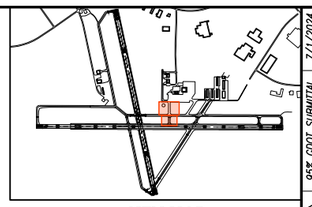
NOT FOR CONSTRUCTION



TAXIWAY 'T' REHABILITION - ALTERNATIVE A



TAXIWAY 'T' REMOVAL - BASE BID 1



KEY MAP

SEDIMENT STORAGE NOTE:

"SEDIMENT STORAGE WILL BE PROVIDE BY THE REMOVAL OF FULL DEPTH AIRCRAFT PAVEMENT. PAVEMENT REMOVAL WILL RESULT IN A DEPRESSION OF 8" FROM THE SURROUNDING AREA.

SEDIMENT STORAGE NOTE:

DUE TO THE NATURE OF THE PROJECT (PAVEMENT REMOVAL) A CUT OF AN AVERAGE 16" WILL BE MADE ALONG THE TAXIWAY SHOULDERS. THE DEPRESSION AT THE TAXIWAY SHOULDER WILL PROVIDE MORE THAN THE REQUIRED 67 CY/ACRE STORAGE VOLUME REQUIREMENT.

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET EC-1, SHEET EC-6, SHEET EC-7, AND SHEET EC-8 FOR ESC NARRATIVE.
2. REFER TO SHEET EC-7 FOR EROSION CONTROL BMP DETAILS.
3. STORM SEWER INLET PROTECTION BMP'S MAY INCLUDE "DANDY SACK" OR OTHER APPROVED METHODS AND WILL VARY DEPENDING ON PHASE OF CONSTRUCTION.
4. WHERE APPLICABLE, FILTER SOCKS SHALL BE PLACED AND SECURED ON THE CONSTRUCTION SIDE OF THE SAFETY BARRICADES.
5. CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST AT ALL TIMES WHILE CONSTRUCTION WORK IS COMPLETED. WATER HAUL ROUTES AND CONSTRUCTION AREAS AS REQUIRED TO ELIMINATE EXCESSIVE DUST AS DIRECTED BY THE OWNER/OWNER'S REPRESENTATIVE. ALL REQUESTS SHALL BE COMPLETED IMMEDIATELY BY THE CONTRACTOR.
6. RESTORE ALL AREAS DISTURBED BY CONSTRUCTION PRIOR TO COMPLETING EACH PHASE OF THE PROJECT.
7. FILTER SOCK IS NOT REQUIRED WHERE MILL AND OVERLAY WORK IS BEING COMPLETED.
8. TOTAL SOIL DISTURBANCE ON THIS SHEET IS 366,000 S.F.

SHEET EROSION CONTROL QUANTITIES

NO.	BID SECTION	BMP	QUANTITY
(1)	1-1	INLET PROTECTION	6 EA

REQUIRED SILT STORAGE

SILT DETENTION AREA	DISTURBED AREA (ACRE)	REQ'D SILT STORAGE (CY)*	AVAILABLE STORAGE (CY)	REQ'D CLEANOUT ELEV.**
(1)	0	0	0	N/A

*REQUIRES SILT STORAGE = DISTURBED AREA * 67 CY/ACRE

**SILT STORED IN THE WORK AREA SHALL BE IMMEDIATELY REMOVED, WHEN THE CALLED OUT COLLECTION POINT IS AT OR ABOVE REQUIRED CLEANOUT ELEVATION.

***AVAILABLE STORAGE CALCULATED UTILIZING TIN SURFACE VOLUMETRIC COMPARISON BETWEEN BOTTOM OF PROPOSED FACILITY TO THE EMERGENCY SPILLWAY INVERT.

LEGEND

- HAUL ROUTE
- FS — PROPOSED FILTER SOCK
- INLET PROTECTION Sd2-F
- SURFACE RUNOFF DIRECTION
- EXISTING VEGETATION
- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- LOD — PROPOSED LIMITS OF DISTURBANCE (SUBGRADE SOIL)
- 275.0 — EXISTING CONTOUR
- (275.0) — PROPOSED CONTOUR

LEGEND

- TOFA — TAXIWAY OBJECT FREE AREA
- TSA — TAXIWAY SAFETY AREA
- OFZ — OBSTACLE-FREE ZONE
- Ds1 — DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
- Ds2 — DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
- Du — DUST CONTROL
- Sd1-S — SEDIMENT BARRIER
- Sd2-F — INLET SETTLEMENT TRAP
- SF — SILT FENCE Sd1-S
- Co — CONSTRUCTION EXIT

N

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONE

0 50 100 150
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
1	95% GDOT SUBMITAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

EROSION & SEDIMENT CONTROL PLAN - INTERMEDIATE - SHEET 2

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: D.A. | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 83/96 | DRAWING NO. EC-8

Last Saved: 2/10/2025 2:42:00 PM Saved By: DLEON Plotted: 4/10/2025 12:24 PM
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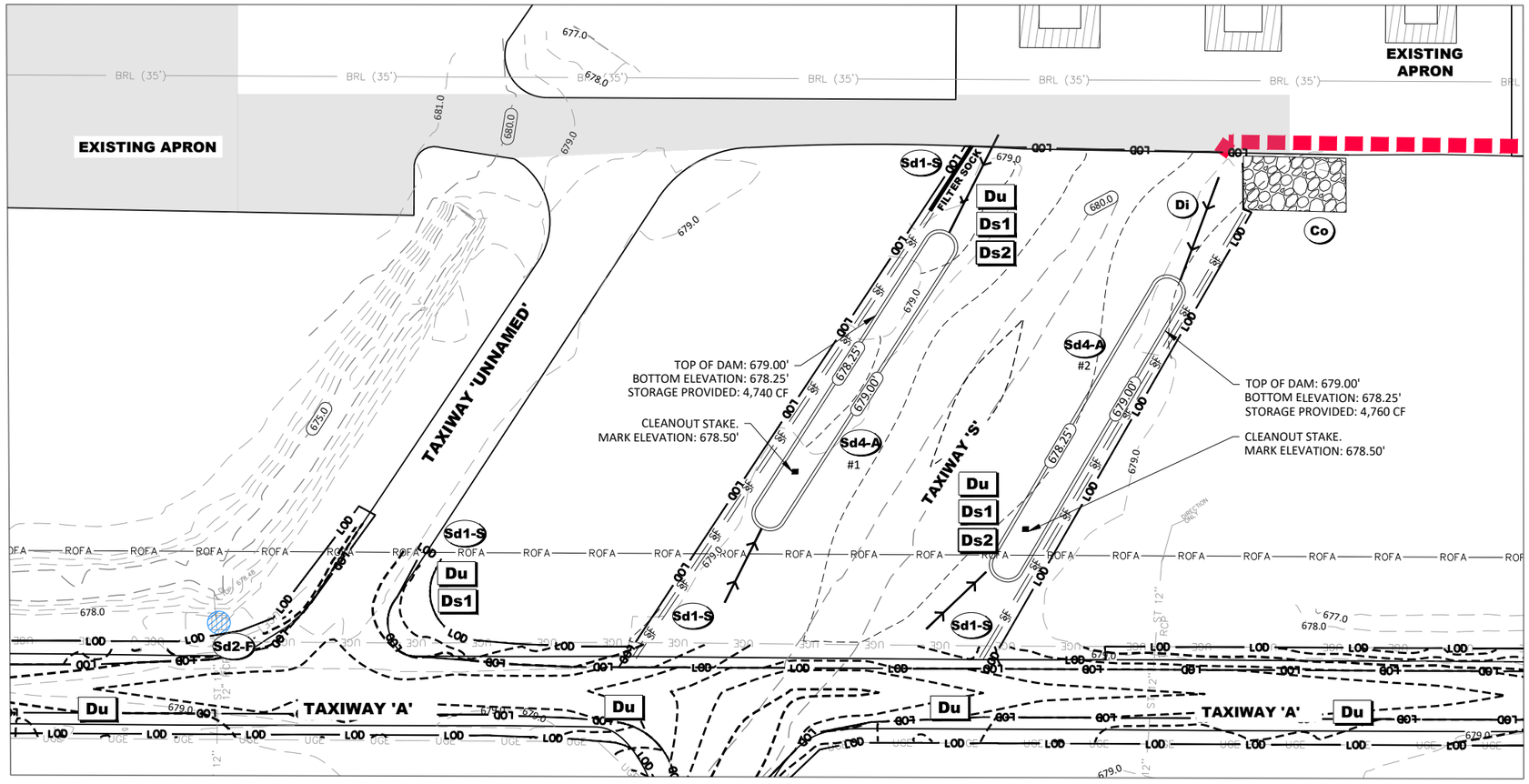
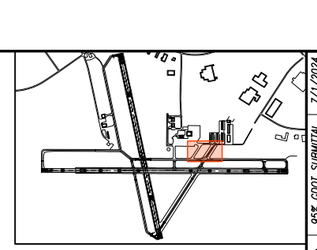


UNNAMED TAXIWAY PAVEMENT REHABILITATION - ALTERNATIVE C

TAXIWAY 'S' REMOVAL - ALTERNATIVE D



KEY MAP

NO.	REVISIONS	DATE
1	-	7/1/2024
95% GDOT SUBMITAL	-	-

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

DATE: APRIL 2025

EROSION & SEDIMENT CONTROL PLAN - INTERMEDIATE - SHEET 3

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

SEDIMENT STORAGE NOTE:

DUE TO THE NATURE OF THE PROJECT (PAVEMENT REMOVAL) A CUT OF AN AVERAGE 16" WILL BE MADE ALONG THE TAXIWAY SHOULDERS. THE DEPRESSION AT THE TAXIWAY SHOULDER WILL PROVIDE MORE THAN THE REQUIRED 67 CY/ACRE STORAGE VOLUME REQUIREMENT.

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET EC-1, SHEET EC-6, SHEET EC-7, AND SHEET EC-8 FOR ESC NARRATIVE.
2. REFER TO SHEET EC-7 FOR EROSION CONTROL BMP DETAILS.
3. STORM SEWER INLET PROTECTION BMP'S MAY INCLUDE "DANDY SACK" OR OTHER APPROVED METHODS AND WILL VARY DEPENDING ON PHASE OF CONSTRUCTION.
4. WHERE APPLICABLE, FILTER SOCKS SHALL BE PLACED AND SECURED ON THE CONSTRUCTION SIDE OF THE SAFETY BARRICADES.
5. CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST AT ALL TIMES WHILE CONSTRUCTION WORK IS COMPLETED. WATER HAUL ROUTES AND CONSTRUCTION AREAS AS REQUIRED TO ELIMINATE EXCESSIVE DUST AS DIRECTED BY THE OWNER/OWNER'S REPRESENTATIVE. ALL REQUESTS SHALL BE COMPLETED IMMEDIATELY BY THE CONTRACTOR.
6. RESTORE ALL AREAS DISTURBED BY CONSTRUCTION PRIOR TO COMPLETING EACH PHASE OF THE PROJECT.
7. FILTER SOCK IS NOT REQUIRED WHERE MILL AND OVERLAY WORK IS BEING COMPLETED.
8. TOTAL SOIL DISTURBANCE ON THIS SHEET IS 366,000 S.F.

SHEET EROSION CONTROL QUANTITIES			
NO.	BID SECTION	BMP	QUANTITY
(1)	1-1	INLET PROTECTION	6 EA

REQUIRED SILT STORAGE				
SILT DETENTION AREA	DISTURBED AREA (ACRE)	REQ'D SILT STORAGE (CY)*	AVAILABLE STORAGE (CY)	REQ'D CLEANOUT ELEV.**
Sd4-A #1	1.1	74	175.6	678.5
Sd4-A #2	1.1	76	176.3	678.5
*REQUIRES SILT STORAGE = DISTURBED AREA * 67 CY/ACRE				
**SILT STORED IN THE WORK AREA SHALL BE IMMEDIATELY REMOVED, WHEN THE CALLED OUT COLLECTION POINT IS AT OR ABOVE REQUIRED CLEANOUT ELEVATION.				
***AVAILABLE STORAGE CALCULATED UTILIZING TIN SURFACE VOLUMETRIC COMPARISON BETWEEN BOTTOM OF PROPOSED FACILITY TO THE EMERGENCY SPILLWAY INVERT.				

LEGEND

- HAUL ROUTE
- FS — PROPOSED FILTER SOCK
- INLET PROTECTION Sd2-F
- SURFACE RUNOFF DIRECTION
- EXISTING VEGETATION
- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- LOD — PROPOSED LIMITS OF DISTURBANCE (SUBGRADE SOIL)
- 275.0 — EXISTING CONTOUR
- (275.0) — PROPOSED CONTOUR

SEDIMENT STORAGE NOTE:

"SEDIMENT STORAGE WILL BE PROVIDE BY THE REMOVAL OF FULL DEPTH AIRCRAFT PAVEMENT. PAVEMENT REMOVAL WILL RESULT IN A DEPRESSION OF 8" FROM THE SURROUNDING AREA.

LEGEND

- TOFA — TAXIWAY OBJECT FREE AREA
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- Ds1 — DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
- Ds2 — DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
- Du — DUST CONTROL
- Sd1-S — SEDIMENT BARRIER
- Sd2-F — INLET SETTLEMENT TRAP
- SF — SILT FENCE Sd1-S
- Co — CONSTRUCTION EXIT

0 50 100 150
HORIZONTAL SCALE IN FEET

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

QUANTITIES CHECKED BY: AKM
REVIEWED BY: AVRB
DESIGNED BY: KRT
DRAWN BY: CJL

SHEET 84/96

DRAWING NO. EC-9

Last Saved: 2/10/2025 2:42:00 PM Saved By: DLEON Plotted: 4/10/2025 12:24 PM
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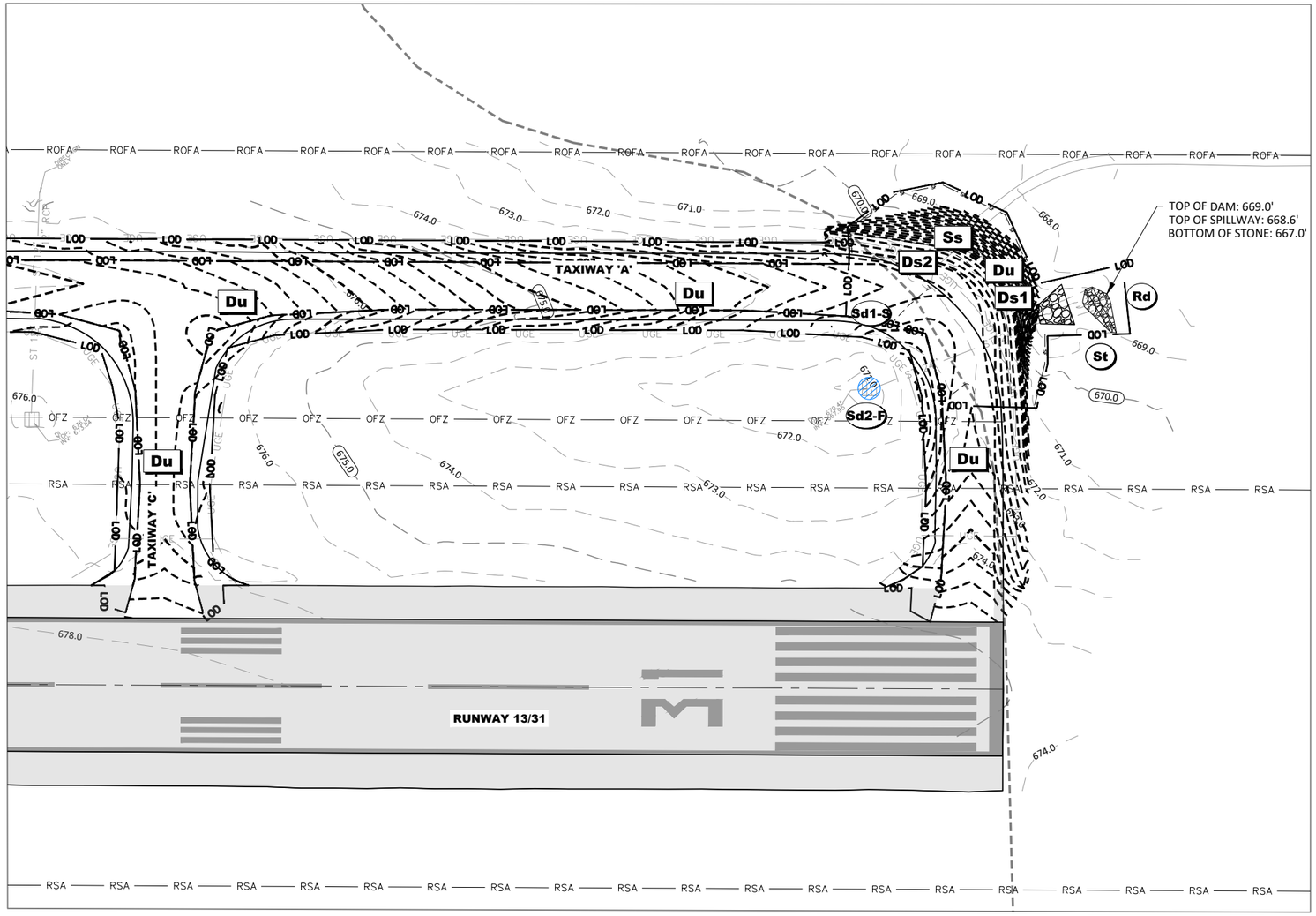
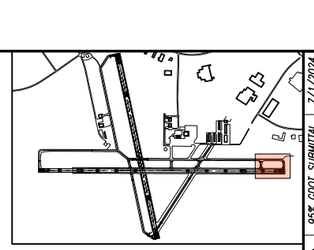
NOT FOR CONSTRUCTION





SEDIMENT STORAGE NOTE:

DUE TO THE NATURE OF THE PROJECT (PAVEMENT REMOVAL) A CUT OF AN AVERAGE 16" WILL BE MADE ALONG THE TAXIWAY SHOULDERS. THE DEPRESSION AT THE TAXIWAY SHOULDER WILL PROVIDE MORE THAN THE REQUIRED 67 CY/ACRE STORAGE VOLUME REQUIREMENT.

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET EC-1, SHEET EC-6, SHEET EC-7, AND SHEET EC-8 FOR ESC NARRATIVE.
2. REFER TO SHEET EC-7 FOR EROSION CONTROL BMP DETAILS.
3. STORM SEWER INLET PROTECTION BMP'S MAY INCLUDE "DANDY SACK" OR OTHER APPROVED METHODS AND WILL VARY DEPENDING ON PHASE OF CONSTRUCTION.
4. WHERE APPLICABLE, FILTER SOCKS SHALL BE PLACED AND SECURED ON THE CONSTRUCTION SIDE OF THE SAFETY BARRICADES.
5. CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST AT ALL TIMES WHILE CONSTRUCTION WORK IS COMPLETED. WATER HAUL ROUTES AND CONSTRUCTION AREAS AS REQUIRED TO ELIMINATE EXCESSIVE DUST AS DIRECTED BY THE OWNER/OWNER'S REPRESENTATIVE. ALL REQUESTS SHALL BE COMPLETED IMMEDIATELY BY THE CONTRACTOR.
6. RESTORE ALL AREAS DISTURBED BY CONSTRUCTION PRIOR TO COMPLETING EACH PHASE OF THE PROJECT.
7. FILTER SOCK IS NOT REQUIRED WHERE MILL AND OVERLAY WORK IS BEING COMPLETED.
8. TOTAL SOIL DISTURBANCE ON THIS SHEET IS 366,000 S.F.

SHEET EROSION CONTROL QUANTITIES

NO.	BID SECTION	BMP	QUANTITY
1	1-1	INLET PROTECTION	6 EA

REQUIRED SILT STORAGE

SILT DETENTION AREA	DISTURBED AREA (ACRE)	REQ'D SILT STORAGE (CY)*	AVAILABLE STORAGE (CY)	REQ'D CLEANOUT ELEV.**
1	0.5	33.5	XXX.XX	XXX.X'

*REQUIRES SILT STORAGE = DISTURBED AREA * 67 CY/ACRE

**SILT STORED IN THE WORK AREA SHALL BE IMMEDIATELY REMOVED, WHEN THE CALLED OUT COLLECTION POINT IS AT OR ABOVE REQUIRED CLEANOUT ELEVATION.

***AVAILABLE STORAGE CALCULATED UTILIZING TIN SURFACE VOLUMETRIC COMPARISON BETWEEN BOTTOM OF PROPOSED FACILITY TO THE EMERGENCY SPILLWAY INVERT.

LEGEND

- HAUL ROUTE
- FS — PROPOSED FILTER SOCK
- INLET PROTECTION Sd2-F
- SURFACE RUNOFF DIRECTION
- EXISTING VEGETATION
- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- LOD — PROPOSED LIMITS OF DISTURBANCE (SUBGRADE SOIL)
- 275.0 — EXISTING CONTOUR
- (275.0) — PROPOSED CONTOUR

LEGEND

- TOFA — TAXIWAY OBJECT FREE AREA
- TSA — TAXIWAY SAFETY AREA
- OFZ — OBSTACLE-FREE ZONE
- Ds1 — DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
- Ds2 — DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
- Du — DUST CONTROL
- Sd1-S — SEDIMENT BARRIER
- Sd2-F — INLET SETTLEMENT TRAP
- Sd4 — TEMPORARY SEDIMENT TRAP
- SF — SILT FENCE Sd1-S
- Co — CONSTRUCTION EXIT
- Rd — ROCK DAM

0 50 100 150
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
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-	-	-
95% CDOT SUBMITTAL		7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

EROSION & SEDIMENT CONTROL PLAN - INTERMEDIATE - SHEET 4

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114

Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: HRT | REVIEWED BY: AVB | QUANTITIES CHECKED BY: AKM

SHEET 85/96 | DRAWING NO. EC-10

Last Saved: 2/10/2025 2:42:00 PM Saved By: DLEONI Plotted: 4/10/2025 12:24 PM
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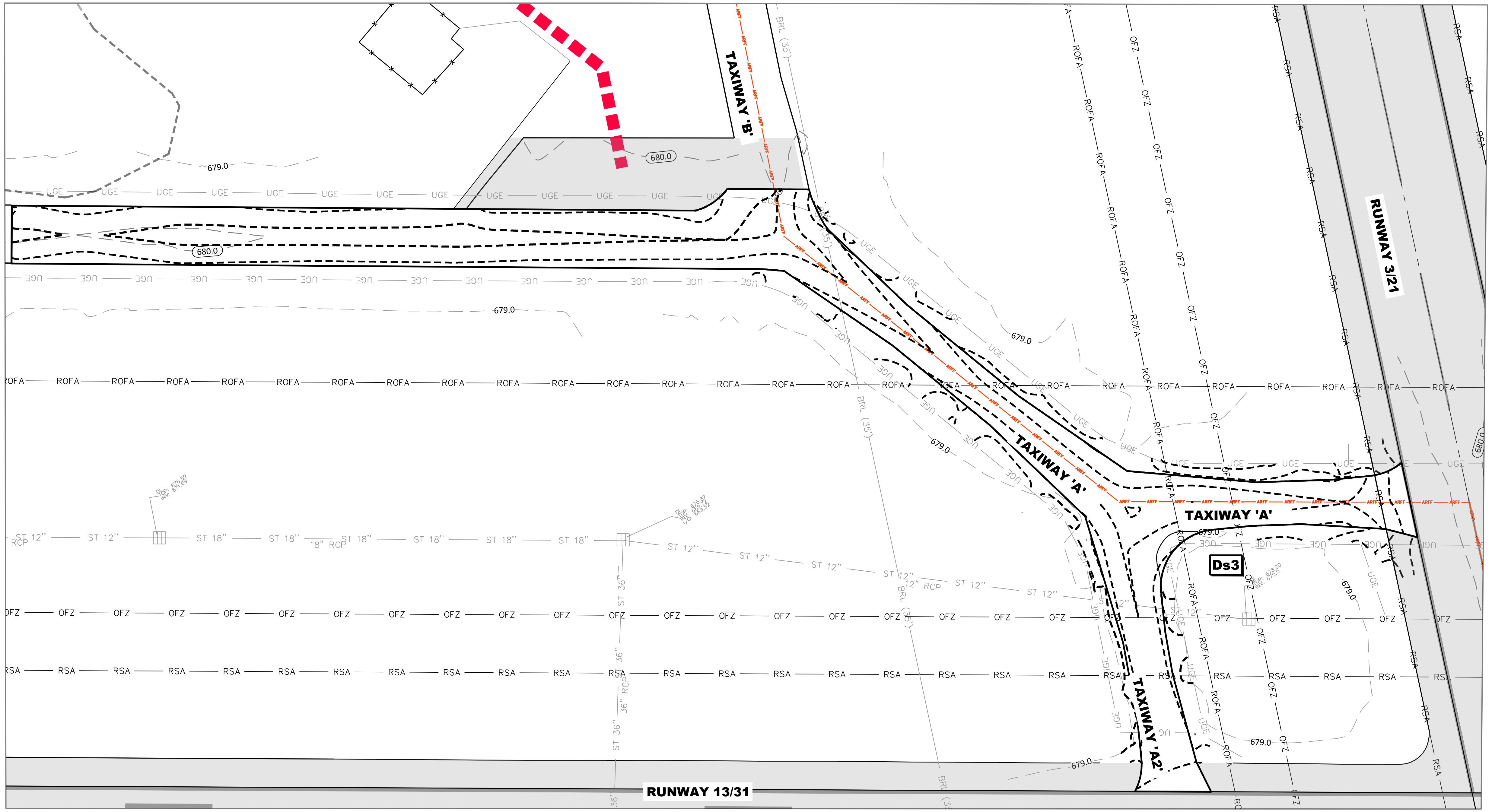
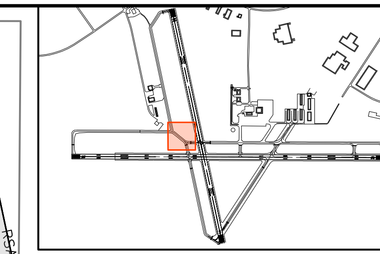
NOT FOR CONSTRUCTION



TAXIWAY 'A' FULL PAVEMENT REHABILITATION - ALTERNATIVE B



CONSTRUCTION NOTES: (#)

1. Refer To Sheet EC-1, Sheet EC-6, Sheet EC-7, And Sheet EC-8 For ESC Narrative.
2. Refer To Sheet EC-7 For Erosion Control BMP Details.
3. Storm Sewer Inlet Protection BMP'S May Include "Dandy Sack" Or Other Approved Methods And Will Vary Depending On Phase Of Construction.
4. Where Applicable, Filter Socks Shall Be Placed And Secured On The Construction Side Of The Safety Barricades.
5. Contractor Shall Be Responsible To Control Dust At All Times While Construction Work Is Completed. Water Haul Routes And Construction Areas As Required To Eliminate Excessive Dust As Directed By The Owner/Owner's Representative. All Requests Shall Be Completed Immediately By The Contractor.
6. Restore All Areas Disturbed By Construction Prior To Completing Each Phase Of The Project.
7. Filter Sock Is Not Required Where Mill And Overlay Work Is Being Completed.
8. Total Soil Disturbance On This Sheet Is 366,000 S.F.

SEDIMENT STORAGE NOTE:

DUE TO THE NATURE OF THE PROJECT (PAVEMENT REMOVAL) A CUT OF AN AVERAGE 16" WILL BE MADE ALONG THE TAXIWAY SHOULDERS. THE DEPRESSION AT THE TAXIWAY SHOULDER WILL PROVIDE MORE THAN THE REQUIRED 67 CY/ACRE STORAGE VOLUME REQUIREMENT.

SHEET EROSION CONTROL QUANTITIES

NO.	BID SECTION	BMP	QUANTITY
1	SD3	PERMANENT GRASS	-

LEGEND

(red dashed line)	HAUL ROUTE
FS	PROPOSED FILTER SOCK
(hatched circle)	INLET PROTECTION Sd2-F
(arrow)	SURFACE RUNOFF DIRECTION
	EXISTING VEGETATION
	EXISTING PAVEMENT
	PROPOSED PAVEMENT
LOD	PROPOSED LIMITS OF DISTURBANCE (SUBGRADE SOIL)
275.0	EXISTING CONTOUR
(275.0)	PROPOSED CONTOUR

LEGEND

TOFA	TAXIWAY OBJECT FREE AREA
TSA	TAXIWAY SAFETY AREA
OFZ	OBSTACLE-FREE ZONE
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
Du	DUST CONTROL
Sd1-S	SEDIMENT BARRIER
Sd2-F	INLET SETTLEMENT TRAP
SF	SILT FENCE Sd1-S
Co	CONSTRUCTION EXIT

GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 043370 ALEXANDER K. MOONEY 04/16/2025

0 50 100 150
HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
△	95% GDOT SUBMITTAL	7/1/2024
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-	-	-
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-	-	-

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

DATE: APRIL 2025

EROSION & SEDIMENT CONTROL PLAN - FINAL - SHEET 1

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
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Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 86/96 DRAWING NO. EC-11

Last Saved: 2/10/2025 2:42:00 PM Saved By: DLEONI Plotted: 4/10/2025 12:25 PM
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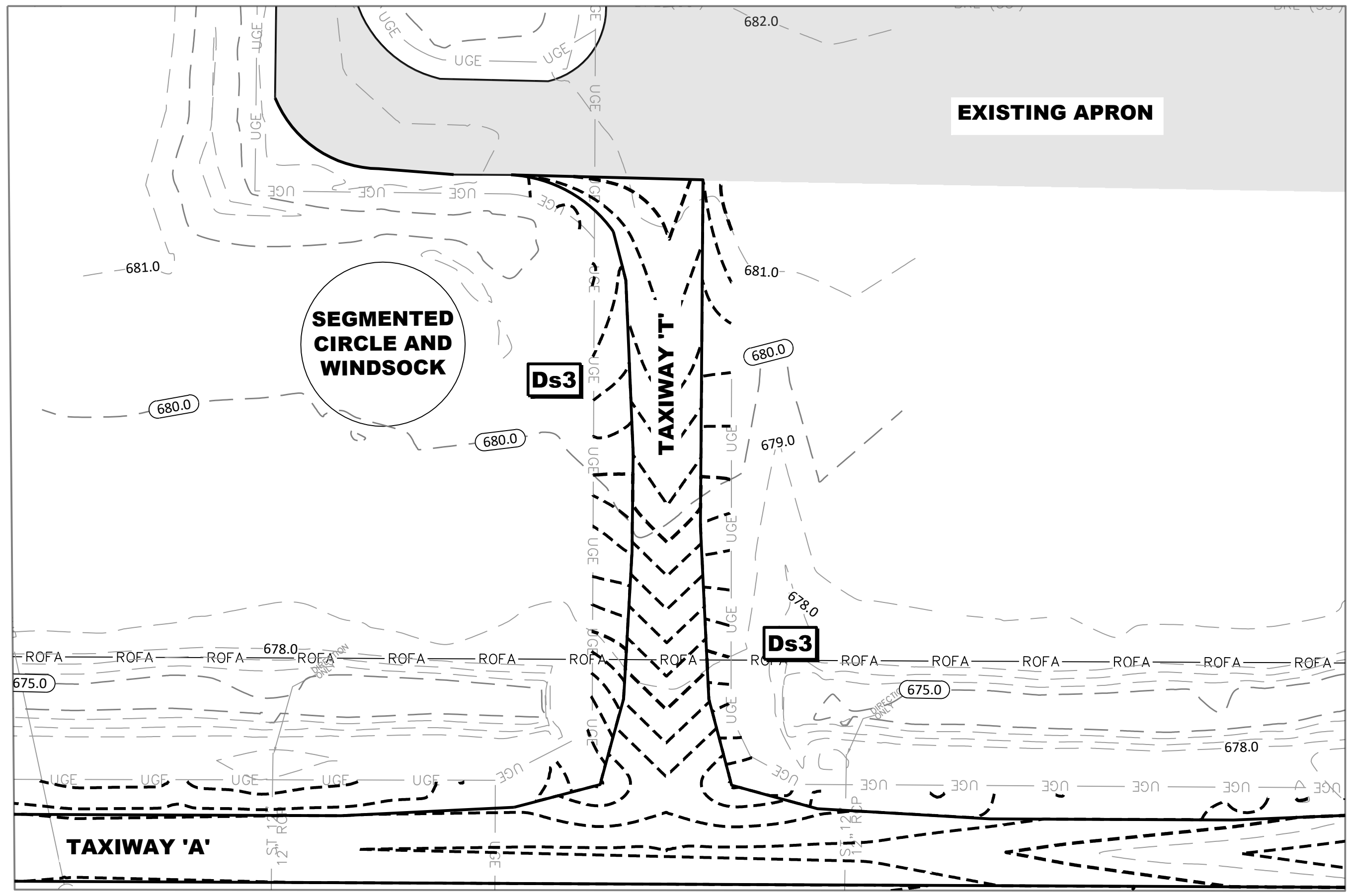
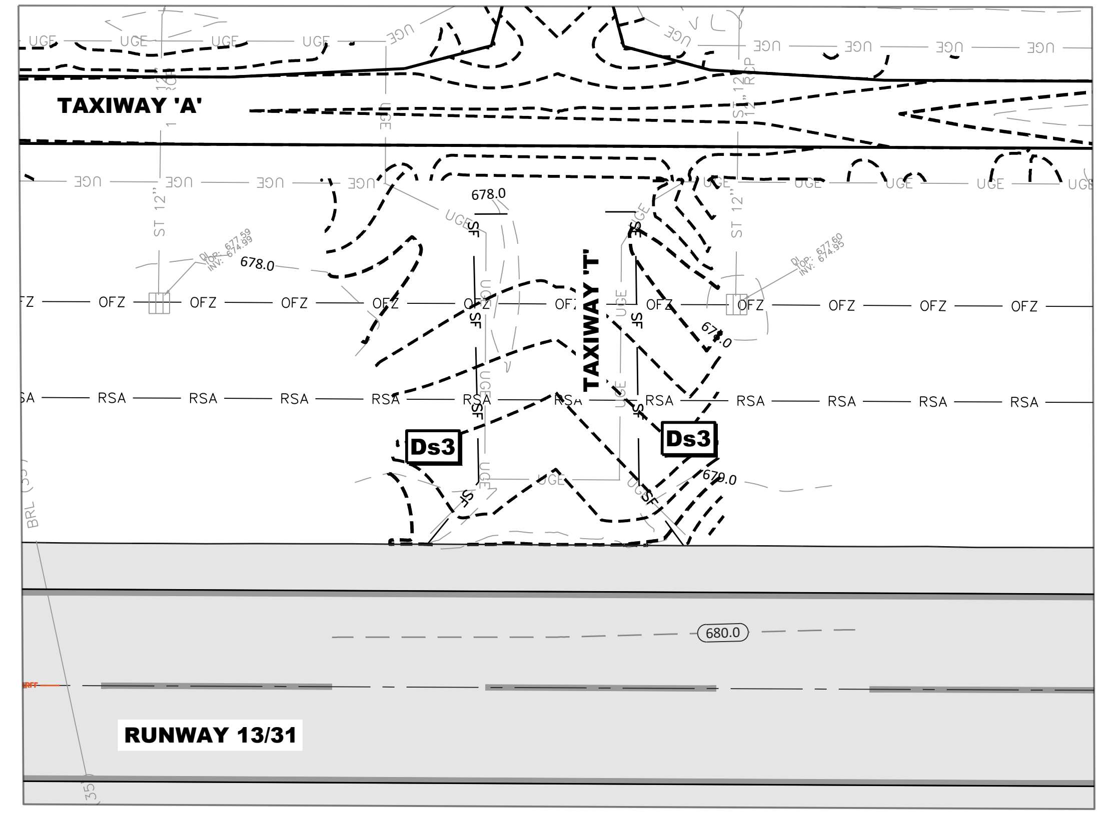
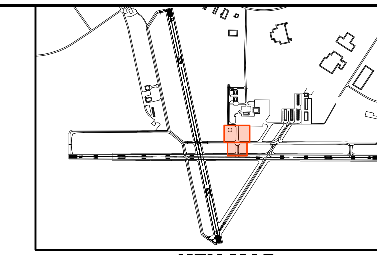
NOT FOR CONSTRUCTION



TAXIWAY 'T' REHABILITATION - ALTERNATIVE A



TAXIWAY 'T' REMOVAL - BASE BID 1



KEY MAP

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET EC-1, SHEET EC-6, SHEET EC-7, AND SHEET EC-8 FOR ESC NARRATIVE.
2. REFER TO SHEET EC-7 FOR EROSION CONTROL BMP DETAILS.
3. STORM SEWER INLET PROTECTION BMP'S MAY INCLUDE "DANDY SACK" OR OTHER APPROVED METHODS AND WILL VARY DEPENDING ON PHASE OF CONSTRUCTION.
4. WHERE APPLICABLE, FILTER SOCKS SHALL BE PLACED AND SECURED ON THE CONSTRUCTION SIDE OF THE SAFETY BARRICADES.
5. CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST AT ALL TIMES WHILE CONSTRUCTION WORK IS COMPLETED. WATER HAUL ROUTES AND CONSTRUCTION AREAS AS REQUIRED TO ELIMINATE EXCESSIVE DUST AS DIRECTED BY THE OWNER/OWNER'S REPRESENTATIVE. ALL REQUESTS SHALL BE COMPLETED IMMEDIATELY BY THE CONTRACTOR.
6. RESTORE ALL AREAS DISTURBED BY CONSTRUCTION PRIOR TO COMPLETING EACH PHASE OF THE PROJECT.
7. FILTER SOCK IS NOT REQUIRED WHERE MILL AND OVERLAY WORK IS BEING COMPLETED.
8. TOTAL SOIL DISTURBANCE ON THIS SHEET IS 366,000 S.F.

SEDIMENT STORAGE NOTE:

DUE TO THE NATURE OF THE PROJECT (PAVEMENT REMOVAL) A CUT OF AN AVERAGE 16" WILL BE MADE ALONG THE TAXIWAY SHOULDERS. THE DEPRESSION AT THE TAXIWAY SHOULDER WILL PROVIDE MORE THAN THE REQUIRED 67 CY/ACRE STORAGE VOLUME REQUIREMENT.

SHEET EROSION CONTROL QUANTITIES

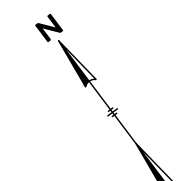
NO.	BID SECTION	BMP	QUANTITY
1	1-1	INLET PROTECTION	6 EA

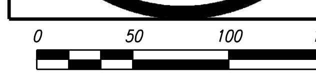
LEGEND

- HAUL ROUTE
- FS — PROPOSED FILTER SOCK
- INLET PROTECTION Sd2-F
- SURFACE RUNOFF DIRECTION
- EXISTING VEGETATION
- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- LOD — PROPOSED LIMITS OF DISTURBANCE (SUBGRADE SOIL)
- 275.0 — EXISTING CONTOUR
- (275.0) — PROPOSED CONTOUR

LEGEND

- TOFA — TAXIWAY OBJECT FREE AREA
- TSA — TAXIWAY SAFETY AREA
- OFZ — OBSTACLE-FREE ZONE
- Ds1 — DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
- Ds2 — DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
- Du — DUST CONTROL
- Sd1-S — SEDIMENT BARRIER
- Sd2-F — INLET SETTLEMENT TRAP
- SF — SILT FENCE Sd1-S
- Co — CONSTRUCTION EXIT





NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

EROSION & SEDIMENT CONTROL PLAN - FINAL - SHEET 2

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL DESIGNED BY: KRT REVIEWED BY: AWB QUANTITIES CHECKED BY: AKM

SHEET 87/96 DRAWING NO. EC-12

Last Saved: 2/10/2025 2:42:00 PM Saved By: DLEONI Plotted: 4/10/2025 12:25 PM
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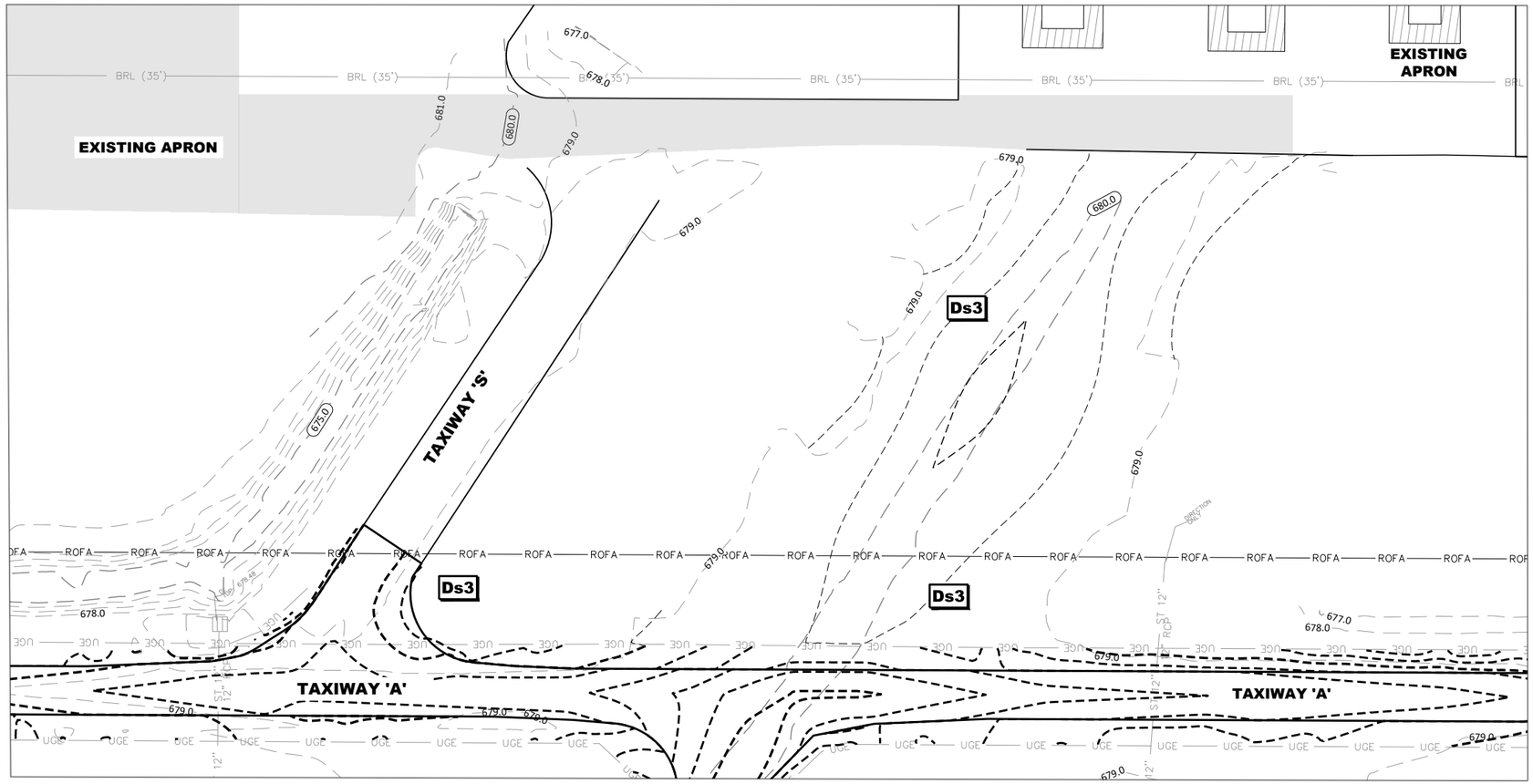
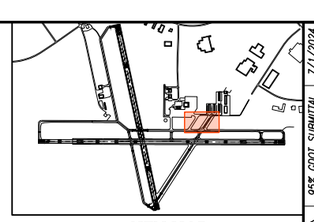


UNNAMED TAXIWAY PAVEMENT REHABILITATION - ALTERNATIVE C

TAXIWAY 'S' REMOVAL - ALERNATIVE D



KEY MAP

NO.	REVISIONS	DATE
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95% CDOT SUBMITAL 7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

DATE: APRIL 2025

EROSION & SEDIMENT CONTROL PLAN - FINAL - SHEET 3

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET EC-1, SHEET EC-6, SHEET EC-7, AND SHEET EC-8 FOR ESC NARRATIVE.
2. REFER TO SHEET EC-7 FOR EROSION CONTROL BMP DETAILS.
3. STORM SEWER INLET PROTECTION BMP'S MAY INCLUDE "DANDY SACK" OR OTHER APPROVED METHODS AND WILL VARY DEPENDING ON PHASE OF CONSTRUCTION.
4. WHERE APPLICABLE, FILTER SOCKS SHALL BE PLACED AND SECURED ON THE CONSTRUCTION SIDE OF THE SAFETY BARRICADES.
5. CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST AT ALL TIMES WHILE CONSTRUCTION WORK IS COMPLETED. WATER HAUL ROUTES AND CONSTRUCTION AREAS AS REQUIRED TO ELIMINATE EXCESSIVE DUST AS DIRECTED BY THE OWNER/OWNER'S REPRESENTATIVE. ALL REQUESTS SHALL BE COMPLETED IMMEDIATELY BY THE CONTRACTOR.
6. RESTORE ALL AREAS DISTURBED BY CONSTRUCTION PRIOR TO COMPLETING EACH PHASE OF THE PROJECT.
7. FILTER SOCK IS NOT REQUIRED WHERE MILL AND OVERLAY WORK IS BEING COMPLETED.
8. TOTAL SOIL DISTURBANCE ON THIS SHEET IS 366,000 S.F.

SEDIMENT STORAGE NOTE:

DUE TO THE NATURE OF THE PROJECT (PAVEMENT REMOVAL) A CUT OF AN AVERAGE 16" WILL BE MADE ALONG THE TAXIWAY SHOULDERS. THE DEPRESSION AT THE TAXIWAY SHOULDER WILL PROVIDE MORE THAN THE REQUIRED 67 CY/ACRE STORAGE VOLUME REQUIREMENT.

SHEET EROSION CONTROL QUANTITIES

NO.	BID SECTION	BMP	QUANTITY
(1)	1-1	INLET PROTECTION	6 EA

LEGEND

- HAUL ROUTE
- FS — PROPOSED FILTER SOCK
- INLET PROTECTION Sd2-F
- SURFACE RUNOFF DIRECTION
- EXISTING VEGETATION
- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- LOD — PROPOSED LIMITS OF DISTURBANCE (SUBGRADE SOIL)
- 275.0 — EXISTING CONTOUR
- (275.0) — PROPOSED CONTOUR

LEGEND

- TOFA — TAXIWAY OBJECT FREE AREA
- TSA — TAXIWAY SAFETY AREA
- OFZ — OBSTACLE-FREE ZONE
- Ds1 — DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
- Ds2 — DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
- Du — DUST CONTROL
- Sd1-S — SEDIMENT BARRIER
- Sd2-F — INLET SETTLEMENT TRAP
- SF — SILT FENCE Sd1-S
- Co — CONSTRUCTION EXIT

0 50 100 150

HORIZONTAL SCALE IN FEET

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114

Job No. - 19024029.01

QUANTITIES DESIGNED BY: AWB
REVIEWED BY: KRT
DESIGNED BY: DJL
DRAWN BY: DJL

SHEET 88/96

DRAWING NO. EC-13

Last Saved: 7/10/2025 2:42:00 PM Saved By: DLEON Plotted: 4/10/2025 12:25 PM
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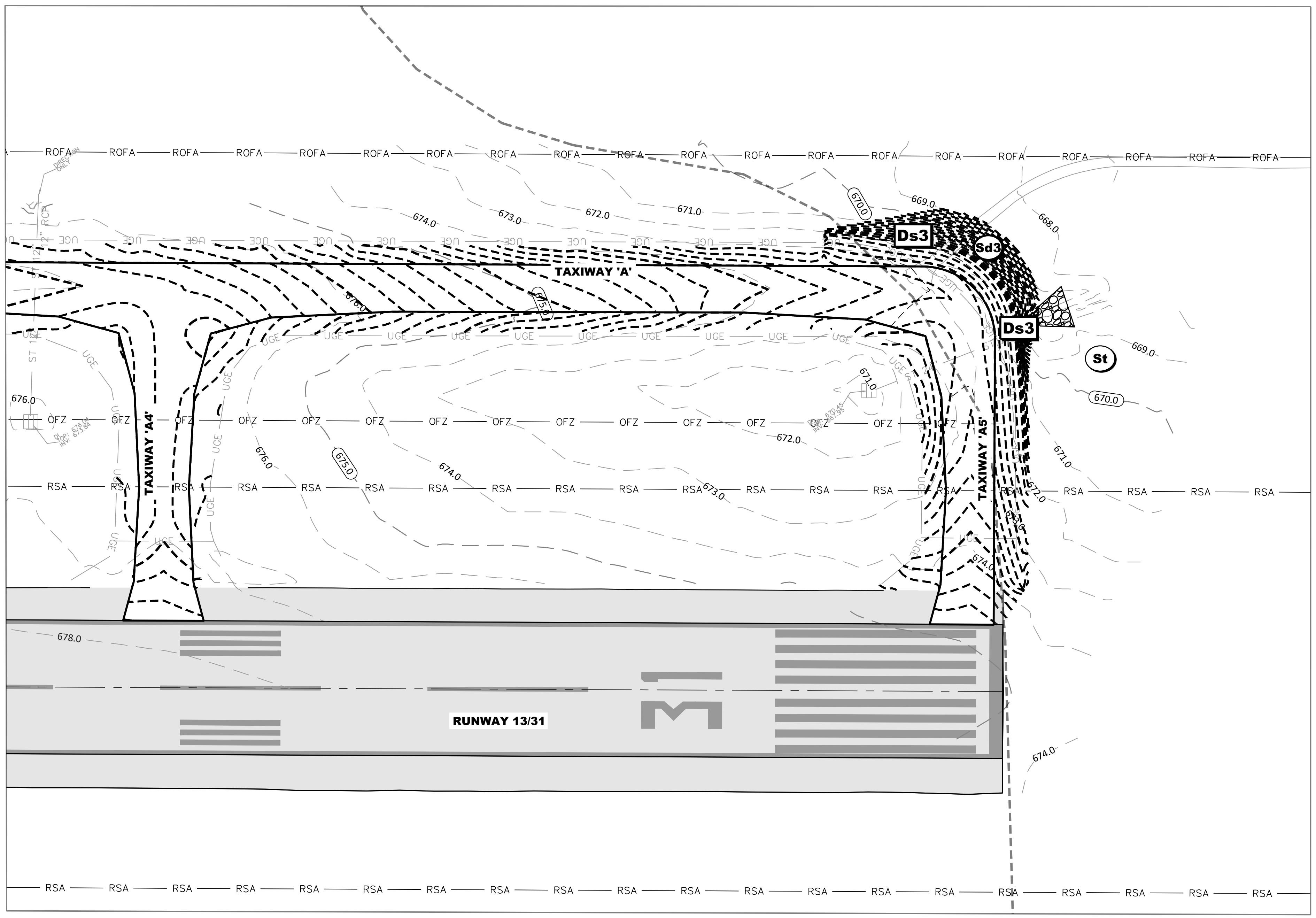


TAXIWAY 'A' PARTIAL PAVEMENT REHABILITATION - BASE BID 1

CONSTRUCTION NOTES: (#)

1. REFER TO SHEET EC-1, SHEET EC-6, SHEET EC-7, AND SHEET EC-8 FOR ESC NARRATIVE.
2. REFER TO SHEET EC-7 FOR EROSION CONTROL BMP DETAILS.
3. STORM SEWER INLET PROTECTION BMP'S MAY INCLUDE "DANDY SACK" OR OTHER APPROVED METHODS AND WILL VARY DEPENDING ON PHASE OF CONSTRUCTION.
4. WHERE APPLICABLE, FILTER SOCKS SHALL BE PLACED AND SECURED ON THE CONSTRUCTION SIDE OF THE SAFETY BARRICADES.
5. CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST AT ALL TIMES WHILE CONSTRUCTION WORK IS COMPLETED. WATER HAUL ROUTES AND CONSTRUCTION AREAS AS REQUIRED TO ELIMINATE EXCESSIVE DUST AS DIRECTED BY THE OWNER/OWNER'S REPRESENTATIVE. ALL REQUESTS SHALL BE COMPLETED IMMEDIATELY BY THE CONTRACTOR.
6. RESTORE ALL AREAS DISTURBED BY CONSTRUCTION PRIOR TO COMPLETING EACH PHASE OF THE PROJECT.
7. FILTER SOCK IS NOT REQUIRED WHERE MILL AND OVERLAY WORK IS BEING COMPLETED.
8. TOTAL SOIL DISTURBANCE ON THIS SHEET IS 366,000 S.F.

SEDIMENT STORAGE NOTE:

DUE TO THE NATURE OF THE PROJECT (PAVEMENT REMOVAL) A CUT OF AN AVERAGE 16" WILL BE MADE ALONG THE TAXIWAY SHOULDERS. THE DEPRESSION AT THE TAXIWAY SHOULDER WILL PROVIDE MORE THAN THE REQUIRED 67 CY/ACRE STORAGE VOLUME REQUIREMENT.

SHEET EROSION CONTROL QUANTITIES

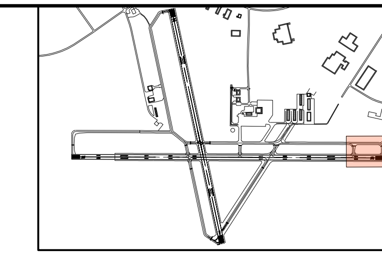
NO.	BID SECTION	BMP	QUANTITY
1	1-1	INLET PROTECTION	6 EA

LEGEND

Symbol	Description
	HAUL ROUTE
FS	PROPOSED FILTER SOCK
Sd2-F	INLET PROTECTION
	SURFACE RUNOFF DIRECTION
	EXISTING VEGETATION
	EXISTING PAVEMENT
	PROPOSED PAVEMENT
LOD	PROPOSED LIMITS OF DISTURBANCE (SUBGRADE SOIL)
275.0	EXISTING CONTOUR
(275.0)	PROPOSED CONTOUR

LEGEND

Symbol	Description
TOFA	TAXIWAY OBJECT FREE AREA
TSA	TAXIWAY SAFETY AREA
OFZ	OBSTACLE-FREE ZONE
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
Du	DUST CONTROL
Sd1-S	SEDIMENT BARRIER
Sd2-F	INLET SETTLEMENT TRAP
SF / Sd1-S	SILT FENCE
Co	CONSTRUCTION EXIT



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HORIZONTAL SCALE IN FEET

NO.	REVISIONS	DATE
△	95% GDOT SUBMITTAL	7/1/2024
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-	-	-

PROJECT TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

DATE APRIL 2025

EROSION & SEDIMENT CONTROL PLAN - FINAL - SHEET 4

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

NOT FOR CONSTRUCTION

CERTIFICATION OF DESIGN PROFESSIONAL:

(13) I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100001.

(12) I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION.

DESIGN PROFESSIONAL — DATE: 04/16/2025

(30) THE PRIMARY PERMITTEE MUST RETAIN THE DESIGN PROFESSIONAL WHO PREPARED THE PLAN, EXCEPT WHEN THE PRIMARY PERMITTEE HAS REQUESTED IN WRITING AND GAEPD HAS AGREED TO AN ALTERNATE DESIGN PROFESSIONAL, TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPS WHICH THE DESIGN PROFESSIONAL DESIGNED WITHIN SEVEN (7) DAYS AFTER INSTALLATION. THE DESIGN PROFESSIONAL SHALL DETERMINE IF THESE BMPS HAVE BEEN INSTALLED AND ARE BEING MAINTAINED AS DESIGNED. THE DESIGN PROFESSIONAL SHALL REPORT THE RESULTS OF THE INSPECTION TO THE PRIMARY PERMITTEE WITHIN SEVEN (7) DAYS AND THE PERMITTEE MUST CORRECT ALL DEFICIENCIES WITHIN TWO (2) BUSINESS DAYS OF RECEIPT OF THE INSPECTION REPORT FROM THE DESIGN PROFESSIONAL UNLESS WEATHER RELATED SITE CONDITIONS ARE SUCH THAT ADDITIONAL TIME IS REQUIRED.

CERTIFICATION OF 7-DAY VISIT:

(14) THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPS WITHIN 7 DAYS AFTER INSTALLATION.

DESIGN PROFESSIONAL — DATE OF INSPECTION

INSPECTION REVEALED THE FOLLOWING DISCREPANCIES FROM THE ES&PC PLAN:

THESE DEFICIENCIES MUST BE ADDRESSED IMMEDIATELY AND A RE-INSPECTION SHALL BE SCHEDULED. WORK SHALL NOT PROCEED ON THE SITE UNTIL DESIGN PROFESSIONAL CERTIFICATION IS OBTAINED

(15) NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION OR WITHIN 25-FEET OF THE COASTAL MARSHLAND BUFFER AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.

(16) NO BUFFER ENCROACHMENTS EXIST FOR THIS PROJECT. NO BUFFER VARIANCE IS REQUIRED AS A RESULT.

(17) AMENDMENTS/REVISIONS TO THE ES&PC PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMPS WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.

(18) WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT. ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER OR OTHER APPROPRIATE WASTE MANAGEMENT FACILITY PERMISSIBLE UNDER GAR PERMIT NO. 10001. WASTE MANAGEMENT FACILITIES SHALL MEET ALL SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN THE WASTE MANAGEMENT FACILITIES.

WASTE MANAGEMENT FACILITIES SHALL BE EMPTIED A MINIMUM OF ONCE PER WEEK OR MORE OFTEN IF NECESSARY AND TRASH SHALL BE HAULED AS REQUIRED BY LOCAL REGULATIONS. NO CONSTRUCTION WASTE SHALL BE BURIED ON-SITE. ALL PERSONNEL SHALL BE INSTRUCTED ON PROPER PROCEDURES FOR WASTE DISPOSAL. A NOTICE STATING THESE PRACTICES SHALL BE PLACED AT THE JOB SITE AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

LOCATE WASTE COLLECTION AREAS AWAY FROM STREETS, GUTTERS, WATERCOURSES AND STORM DRAINS. WASTE COLLECTION AREAS, SUCH AS DUMPSTERS, ARE OFTEN BEST LOCATED NEAR CONSTRUCTION SITE ENTRANCES TO MINIMIZE TRAFFIC ON DISTURBED SOILS.

(19) THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.

(20) EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

(21) ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

(22) THE CONSTRUCTION PROJECT DOES DISCHARGE STORM WATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES INTO AN IMPAIRED STREAM SEGMENT OR WITHIN 1 LINEAR MILE UPSTREAM OF AND WITHIN THE SAME WATERSHED AS, ANY PORTION OF A BIOTA IMPAIRED STREAM SEGMENT.

(23) THE TMDL AND THE TMDL IMPLEMENTATION PLAN FOR SEDIMENT FOR BLUE JOHN CREEK IN TROUP COUNTY WERE FINALIZED IN 2002 AND 2004, RESPECTIVELY. COMPLIANCE WITH THE STATES NPDES GENERAL PERMITS FOR STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES WILL ENSURE THAT POLLUTANT LOADINGS FROM THE CONSTRUCTION SITE WILL BE AT OR BELOW ACCEPTABLE TMDL TARGETS.

(24) CONCRETE WASH WATER SHALL BE DISPOSED OF PROPERLY OFF AIRPORT PROPERTY. IN NO CASE SHALL IT BE ALLOWED TO ENTER ANY SURFACE WATERS OR GROUNDWATER SYSTEMS. WASHOUT OF CONCRETE DRUM IS PROHIBITED ON CONSTRUCTION SITE.

(25) HAZARDOUS WASTE MATERIALS SUCH AS OIL FILTERS, PETROLEUM PRODUCTS, PAINTS, AND EQUIPMENT MAINTENANCE FLUIDS WILL BE STORED IN STRUCTURALLY SOUND AND SEALED SHIPPING CONTAINERS WITHIN A HAZARDOUS MATERIALS STORAGE AREA. ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. HAZARDOUS WASTE MATERIALS WILL NOT BE DISPOSED OF INTO ON SITE DUMPSTERS.

(26) POST-CONSTRUCTION STORM WATER POLLUTION CONTROL: ALL PERMANENT, POST-CONSTRUCTION BMPS ARE SHOWN IN THE CONSTRUCTION PLANS AND IN THE ES&PC PLAN. THE POST-CONSTRUCTION BMPS FOR THIS PROJECT CONSISTS OF PERMANENT GRASSING ON ALL DISTURBED AREAS. THE POST-CONSTRUCTION BMPS WILL PROVIDE PERMANENT STABILIZATION OF THE SITE AND PREVENT ACCELERATED TRANSPORTATION OF SEDIMENT AND POLLUTANTS INTO RECEIVING WATERS.

(27) COVER FOR BUILDING MATERIALS AND BUILDING PRODUCTS ON SITE: PLASTIC SHEETING OR TEMPORARY ROOFS SHALL BE PROVIDED TO COVER BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE, AND OTHER MATERIALS IN ORDER TO MINIMIZE EXPOSURE TO PRECIPITATION AND TO STORMWATER ACCORDING TO PERMIT IV.D.3.C.(2) PG 30.

(28) NON-STORM WATER DISCHARGES (DISCHARGES FROM FIRE FIGHTING ACTIVITIES, FIRE HYDRANT FLUSHING, POTABLE WATER SOURCES INCLUDING WATER LINE FLUSHING, IRRIGATION DRAINAGE, AIR CONDITIONING CONDENSATE, SPRINGS, UNCONTAMINATED GROUNDWATER, AND FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH PROCESS MATERIALS OR POLLUTANTS) THAT ARE COMBINED WITH STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY SHALL BE DISCHARGED TO THE PROPOSED STORM DRAINAGE SYSTEM AND ROUTED THROUGH THE EROSION AND SEDIMENTATION CONTROLS IDENTIFIED WITHIN THIS PLAN. NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF THIS IS NOT POSSIBLE.

(36) PHASED CONTROL MEASURES

THE CONTRACTOR WILL BE RESPONSIBLE FOR FILING A NOTICE OF INTENT WITH THE GA EPD IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS, AND FOR VERIFYING THAT ALL NECESSARY PERMITS ARE IN PLACE PRIOR TO CONSTRUCTION.

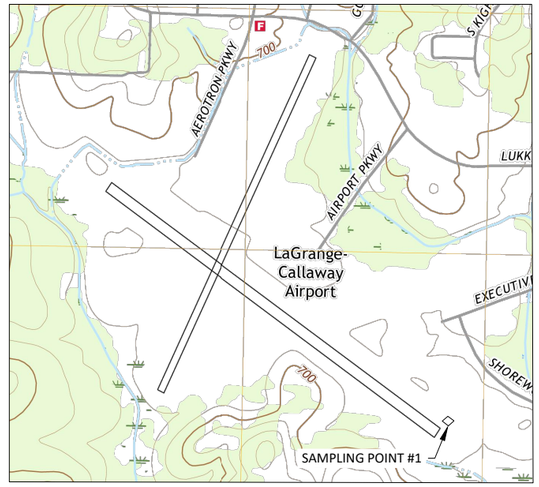
- IN THE INITIAL PHASE, THE PERIMETER EROSION CONTROL ITEMS SHOULD BE INSTALLED BEFORE ANY MAJOR DEMOLITION. AFTER THE PERIMETER EROSION CONTROL INSTALLATION, FURTHER DEMOLITION CAN OCCUR FOR THE INSTALLATION OF THE SEDIMENT STORAGE ITEMS. AFTER THE PERIMETER EROSION CONTROL BMP'S HAVE BEEN INSTALLED, THE CONTRACTOR SHOULD CONTACT THE DESIGN PROFESSIONAL FOR THE COMPLETION OF THE 7-DAY EROSION INSPECTION. AFTER THIS INSPECTION IS COMPLETE AND SATISFACTORY, THE REMAINING DEMOLITION CAN BE COMPLETED AND SITE GRADING OPERATIONS CAN BEGIN. TEMPORARY SEEDING AND MULCHING SHOULD BE USED AS NECESSARY IN ACCORDANCE WITH THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA. SILT FENCING, THE CONSTRUCTION EXIT, AND ALL SEDIMENT CONTROL BMP'S SHOULD BE MAINTAINED IN ACCORDANCE WITH THE GEORGIA EROSION CONTROL MANUAL. NPDES WATER QUALITY MONITORING SHOULD BE COMPLETED DURING THE ENTIRETY OF THE INITIAL EROSION CONTROL PHASE. AFTER DEMOLITION AND DURING THE ROUGH GRADING PROCESS, THE SITE WILL TRANSITION INTO THE INTERMEDIATE EROSION CONTROL PHASE
- IN THE INTERMEDIATE PHASE, PERIMETER EROSION CONTROL ITEMS WILL BE MAINTAINED AS NECESSARY. THE CONSTRUCTION EXIT WILL BE MAINTAINED AS SHOWN. INLET SEDIMENT TRAPS WILL BE INSTALLED ON NEW STORM DRAINS TO PROVIDE ADDITIONAL SEDIMENT STORAGE. AS SOON AS POSSIBLE, THE AGGREGATE BASE WILL BE INSTALLED UNDER THE PROPOSED PAVEMENTS TO AID IN SITE STABILIZATION. TEMPORARY SEEDING AND MULCHING WILL BE USED AS NECESSARY, WITH PERMANENT SEEDING USED ON AREAS THAT ARE AT FINAL GRADE AND TIMEFRAME WITHIN PLANTING DATES. ALL AREAS THAT ARE TO REMAIN AT A SLOPE STEEPER THAN 3H:1V ARE TO BE STABILIZED WITH PERMANENT MATTING.
- IN THE FINAL PHASE, TEMPORARY BMPs SHALL BE MAINTAINED WHERE NECESSARY. TEMPORARY SEEDING, MULCHING AND SODDING WILL BE USED AS NECESSARY, WITH PERMANENT SEEDING USED ON AREAS THAT ARE AT FINAL GRADE. ALL SLOPES THAT ARE STEEPER THAN 3H:1V ARE TO BE STABILIZED WITH PERMANENT MATTING IN ADDITION TO PERMANENT SEEDING. THE TEMPORARY BMPs WILL REMAIN UNTIL THE SITE IS STABILIZED.

(42) WETLANDS DO NOT EXIST WITHIN 200 FEET OF THE PROJECT SITE. REFER TO NATIONAL WETLANDS INVENTORY MAP ON SHEET 86 (EC-11).

(29) **ACTIVITY SCHEDULE PER PHASE**

ACTIVITY	TIME/WEEKS 1	2	3	4	5	6	7	8
INSTALL SILT FENCE, CONSTRUCTION EXIT(S)	■							
INSTALL AND MAINTENANCE OF REMAINDER OF INITIAL PERIMETER CONTROL	■	■	■	■	■	■	■	■
EXTEND UTILITIES TO PROJECT SITE		■	■					
CONSTRUCTION OF PAVEMENT AND MARKING			■	■	■	■	■	
PERMANENT SEEDING & STABILIZE		■	■	■	■	■	■	■
INSTALL ELECTRICAL ITEMS			■	■	■	■	■	
REMOVAL OF TEMPORARY EROSION & SEDIMENT CONTROL MEASURES								■
MAINTENANCE OF PERMANENT EROSION & SEDIMENT CONTROL MEASURES		■	■	■	■	■	■	■

(35)



(2)

CERTIFIED DESIGN PROFESSIONAL	
NAME	ALEXANDER K. MOONEY, P.E.
LEVEL II CERTIFICATION NO.	000 0072 915
EXPIRATION DATE	6/13/2027

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

EROSION & SEDIMENT CONTROL PLAN - NOTES - SHEET 1

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
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DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 90/96 | DRAWING NO. EC-15

Last Saved: 2/7/2025 5:29:55 PM Saved By: DLEON Plotted: 4/10/2025 12:25 PM
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THE FOLLOWING NOTES (WITH THE EXCEPTION OF THE SAMPLING NARRATIVE) HAVE BEEN TAKEN DIRECTLY FROM THE AUTHORIZATION TO DISCHARGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY FOR STAND ALONE CONSTRUCTION PROJECTS (GENERAL PERMIT NO. GAR100001):

(30) PERMIT IV.D.4. INSPECTIONS:

a. PERMITTEE REQUIREMENTS.

1. EACH DAY WHEN ANY TYPE OF CONSTRUCTION ACTIVITY HAS TAKEN PLACE AT A PRIMARY PERMITTEE'S SITE, CERTIFIED PERSONNEL PROVIDED BY THE PRIMARY PERMITTEE SHALL INSPECT:
   (A) ALL AREAS AT THE PRIMARY PERMITTEE'S SITE WHERE PETROLEUM PRODUCTS ARE STORED, USED, OR HANDLED FOR SPILLS AND LEAKS FROM VEHICLES AND EQUIPMENT AND
   (B) ALL LOCATIONS AT THE PRIMARY PERMITTEE'S SITE WHERE VEHICLES ENTER OR EXIT THE SITE FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING. THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.

2. MEASURE AND RECORD RAINFALL WITHIN DISTURBED AREAS OF THE SITE THAT HAVE NOT MET FINAL STABILIZATION ONCE EVERY 24 HOURS EXCEPT ANY NON-WORKING SATURDAY, NON-WORKING SUNDAY AND NON-WORKING FEDERAL HOLIDAY. THE DATA COLLECTED FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY. MEASUREMENT OF RAINFALL MAY BE SUSPENDED IF ALL AREAS OF THE SITE HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION.

3. CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT THE FOLLOWING AT LEAST **TWICE** EVERY SEVEN (7) CALENDAR DAYS: (A) DISTURBED AREAS OF THE PRIMARY PERMITTEE'S CONSTRUCTION SITE; (B) AREAS USED BY THE PRIMARY PERMITTEE FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION; AND (C) STRUCTURAL CONTROL MEASURES. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN APPLICABLE TO THE PRIMARY PERMITTEE'S SITE SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. CERTIFIED PERSONNEL SHALL ALSO CONDUCT INSPECTIONS WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES RAINFALL OR GREATER (UNLESS SUCH STORM ENDS AFTER 5:00 PM ON ANY FRIDAY OR ON ANY NON-WORKING SATURDAY, NON-WORKING SUNDAY OR ANY NON-WORKING FEDERAL HOLIDAY IN WHICH CASE THE INSPECTION SHALL BE COMPLETED BY THE END OF THE NEXT BUSINESS DAY AND/OR WORKING DAY, WHICHEVER OCCURS FIRST). POST-RAIN INSPECTIONS WILL RESET THE 7-DAY INSPECTION FREQUENCY REQUIREMENT. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S). FOR AREAS OF A SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION, THE PERMITTEE MUST COMPLY WITH PART IV .D.4.A(4). THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.

4. CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT AT LEAST ONCE PER MONTH DURING THE TERM OF THIS PERMIT (I.E., UNTIL A NOTICE OF TERMINATION HAS BEEN SUBMITTED) THE AREAS OF THE SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION. THESE AREAS SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM AND THE RECEIVING WATER(S). EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S).

5. BASED ON THE RESULTS OF EACH INSPECTION, THE SITE DESCRIPTION AND THE POLLUTION PREVENTION AND CONTROL MEASURES IDENTIFIED IN THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, THE PLAN SHALL BE REVISED AS APPROPRIATE NOT LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION. IMPLEMENTATION OF SUCH CHANGES SHALL BE MADE AS SOON AS PRACTICAL BUT IN NO CASE LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION.

6. A REPORT OF EACH INSPECTION THAT INCLUDES THE NAME(S) OF CERTIFIED PERSONNEL MAKING EACH INSPECTION, THE DATE(S) OF EACH INSPECTION, CONSTRUCTION PHASE (I.E., INITIAL, INTERMEDIATE OR FINAL), MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH PART IV.D.4.A.(5). OF THE PERMIT SHALL BE MADE AND RETAINED AT THE SITE OR BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION UNTIL THE ENTIRE SITE OR THAT PORTION OF A CONSTRUCTION SITE THAT HAS BEEN PHASED HAS UNDERGONE FINAL STABILIZATION AND A NOTICE OF TERMINATION IS SUBMITTED TO EPD. SUCH REPORTS SHALL BE READILY AVAILABLE BY END OF THE SECOND BUSINESS DAY AND/OR WORKING DAY AND SHALL IDENTIFY ALL INCIDENTS OF BEST MANAGEMENT PRACTICES THAT HAVE NOT BEEN PROPERLY INSTALLED AND/OR MAINTAINED AS DESCRIBED IN THE PLAN. WHERE THE REPORT DOES NOT IDENTIFY ANY INCIDENTS, THE INSPECTION REPORT SHALL CONTAIN A CERTIFICATION THAT THE BEST MANAGEMENT PRACTICES ARE IN COMPLIANCE WITH THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART V.G.2. OF THIS PERMIT.

(33) (34) SAMPLING NARRATIVE:

ONE OUTFALL SAMPLING POINT IS REQUIRED. THE SAMPLING POINT IS LOCATED IN THE EXISTING DITCHLINE FLOWING FROM THE EXISTING DRAINAGE AREA AND STORM SEWER PIPE OUTLET LOCATED EAST OF THE NORTHEAST END OF TAXILANE ON THE PROJECT SITE.
AN SS101 STORMWATER SAMPLER BY GLOBAL WATER (OR EQUIVALENT) WILL BE USED TO COLLECT AND HANDLE THE STORM WATER DISCHARGE SAMPLES PRIOR TO ANALYSIS. PART OF THIS SAMPLING PLAN INCLUDES THE SS101 STORMWATER SAMPLER USER'S MANUAL BY GLOBAL WATER (OR EQUIVALENT).
THE STORM WATER SAMPLES WILL BE ANALYZED USING THE LAMOTTE 2020 TURBIDIMETER (OR EQUIVALENT). PART OF THIS SAMPLING PLAN INCLUDES THE INSTRUCTION MANUAL FOR THE LAMOTTE 2020 TURBIDIMETER BY LAMOTTE COMPANY (OR EQUIVALENT).
THE OUTFALL SAMPLING POINT IS CONSIDERED A "WATER SUPPORTING WARM WATER FISHERIES". IN ACCORDANCE WITH THE NPDES PERMIT, THE NEPHELOMETRIC TURBIDITY UNIT (NTU) VALUE AT THE DOWNSTREAM LOCATION SHALL BE NO HIGHER THAN 75 UNITS SINCE THE DISTURBED SITE AREA FOR EACH INDIVIDUAL PROJECT PHASE IS NO GREATER THAN 10 ACRES AND THE DRAINAGE AREA IS LESS THAN 5 SQUARE MILES.

(31) PERMIT IV.D.6. SAMPLING REQUIREMENTS:

a. SAMPLING REQUIREMENTS SHALL INCLUDE THE FOLLOWING:

(1). A USGS TOPOGRAPHIC MAP, A TOPOGRAPHIC MAP OR A DRAWING (REFERRED TO AS A TOPOGRAPHIC MAP) THAT IS A SCALE EQUAL TO OR MORE DETAILED THAN A 1:24000 MAP SHOWING THE LOCATION OF THE SITE OR THE STAND ALONE CONSTRUCTION; (A) THE LOCATION OF ALL PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES AS SHOWN ON A USGS TOPOGRAPHIC MAP, AND ALL OTHER PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES LOCATED DURING MANDATORY FIELD VERIFICATION, INTO WHICH THE STORMWATER IS DISCHARGED AND (B) THE RECEIVING WATER AND/OR OUTFALL SAMPLING LOCATIONS. WHEN THE PERMITTEE HAS CHOSEN TO USE A USGS TOPOGRAPHIC MAP AND THE RECEIVING WATER(S) IS NOT SHOWN ON THE USGS TOPOGRAPHIC MAP, THE LOCATION OF THE RECEIVING WATER(S) MUST BE HAND-DRAWN ON THE USGS TOPOGRAPHIC MAP FROM WHERE THE STORMWATER(S) ENTERS THE RECEIVING WATER(S) TO THE POINT WHERE THE RECEIVING WATER(S) COMBINES WITH THE FIRST BLUE LINE STREAM SHOWN ON THE USGS TOPOGRAPHIC MAP;

(2). A WRITTEN NARRATIVE OF SITE-SPECIFIC ANALYTICAL METHODS USED TO COLLECT, HANDLE AND ANALYZE THE SAMPLES INCLUDING QUALITY CONTROL/QUALITY ASSURANCE PROCEDURES. THIS NARRATIVE MUST INCLUDE PRECISE SAMPLING METHODOLOGY FOR EACH SAMPLING LOCATION;

(3). WHEN THE PERMITTEE HAS DETERMINED THAT SOME OR ALL OUTFALLS WILL BE SAMPLED, A RATIONALE MUST BE INCLUDED ON THE PLAN FOR THE NTU LIMIT(S) SELECTED FROM APPENDIX B. THIS RATIONALE MUST INCLUDE THE SIZE OF THE CONSTRUCTION SITE, THE CALCULATION OF THE SIZE OF THE SURFACE WATER DRAINAGE AREA, AND THE TYPE OF RECEIVING WATER(S) (I.E., TROUT STREAM OR SUPPORTING WARM WATER FISHERIES); AND

(4). ANY ADDITIONAL INFORMATION EPD DETERMINES NECESSARY TO BE PART OF THE PLAN. EPD WILL PROVIDE WRITTEN NOTICE TO THE PERMITTEE OF THE INFORMATION NECESSARY AND THE TIMELINE FOR SUBMITTAL.

b. SAMPLE TYPE. ALL SAMPLING SHALL BE COLLECTED BY "GRAB SAMPLES" AND THE ANALYSIS OF THESE SAMPLES MUST BE CONDUCTED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136 (UNLESS OTHER TEST PROCEDURES HAVE BEEN APPROVED); THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT, EPA 833-B-92-001" AND GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE EPD.

(1). SAMPLE CONTAINERS SHOULD BE LABELED PRIOR TO COLLECTING THE SAMPLES.

(2). SAMPLES SHOULD BE WELL MIXED BEFORE TRANSFERRING TO A SECONDARY CONTAINER.

(3). LARGE MOUTH, WELL CLEANED AND RINSED GLASS OR PLASTIC JARS SHOULD BE USED FOR COLLECTING SAMPLES. THE JARS SHOULD BE CLEANED THOROUGHLY TO AVOID CONTAMINATION.

(4). MANUAL, AUTOMATIC OR RISING STAGE SAMPLING MAY BE UTILIZED. SAMPLES REQUIRED BY THIS PERMIT SHOULD BE ANALYZED IMMEDIATELY, BUT IN NO CASE LATER THAN 48 HOURS AFTER COLLECTION. HOWEVER, SAMPLES FROM AUTOMATIC SAMPLERS MUST BE COLLECTED NO LATER THAN THE NEXT BUSINESS DAY AFTER THEIR ACCUMULATION, UNLESS FLOW THROUGH AUTOMATED ANALYSIS IS UTILIZED. IF AUTOMATIC SAMPLING IS UTILIZED AND THE AUTOMATIC SAMPLER IS NOT ACTIVATED DURING THE QUALIFYING EVENT, THE PERMITTEE MUST UTILIZE MANUAL SAMPLING OR RISING STAGE SAMPLING DURING THE NEXT QUALIFYING EVENT. DILUTION OF SAMPLES IS NOT REQUIRED. SAMPLES MAY BE ANALYZED DIRECTLY WITH A PROPERLY CALIBRATED TURBIDIMETER. SAMPLES ARE NOT REQUIRED TO BE COOLED.

(5). SAMPLING AND ANALYSIS OF THE RECEIVING WATER(S) OR OUTFALLS BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED TO EPD AS SPECIFIED IN PART IV.E.

c. SAMPLING POINTS.

(33) (1). FOR CONSTRUCTION ACTIVITIES THE PRIMARY PERMITTEE MUST SAMPLE ALL RECEIVING WATER(S), OR ALL OUTFALL(S), OR A COMBINATION OF RECEIVING WATER(S) AND OUTFALL(S). SAMPLES TAKEN FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY AND REPRESENTATIVE OF THE WATER QUALITY OF THE RECEIVING WATER(S) AND/OR THE STORMWATER OUTFALLS USING THE FOLLOWING MINIMUM GUIDELINES:

(a). THE UPSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN IMMEDIATELY UPSTREAM OF THE CONFLUENCE OF THE FIRST STORMWATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E., THE DISCHARGE FARTHEST UPSTREAM AT THE SITE) BUT DOWNSTREAM OF ANY OTHER STORMWATER DISCHARGES NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL UPSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE UPSTREAM TURBIDITY VALUE.

(b). THE DOWNSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN DOWNSTREAM OF THE CONFLUENCE OF THE LAST STORMWATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E., THE DISCHARGE FARTHEST DOWNSTREAM AT THE SITE) BUT UPSTREAM OF ANY OTHER STORMWATER DISCHARGE NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL DOWNSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE DOWNSTREAM TURBIDITY VALUE.

(c). IDEALLY THE SAMPLES SHOULD BE TAKEN FROM THE HORIZONTAL AND VERTICAL CENTER OF THE RECEIVING WATER(S) OR THE STORMWATER OUTFALL CHANNEL(S).

(d). CARE SHOULD BE TAKEN TO AVOID STIRRING THE BOTTOM SEDIMENTS IN THE RECEIVING WATER(S) OR IN THE OUTFALL STORMWATER CHANNEL.

(e). THE SAMPLING CONTAINER SHOULD BE HELD SO THAT THE OPENING FACES UPSTREAM.

(f). THE SAMPLES SHOULD BE KEPT FREE FROM FLOATING DEBRIS.

(g). PERMITTEES DO NOT HAVE TO SAMPLE SHEET FLOW THAT FLOWS ONTO UNDISTURBED NATURAL AREAS OR AREAS STABILIZED BY THE PROJECT. FOR PURPOSES OF THIS SECTION, STABILIZED SHALL MEAN, FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES AND AREAS LOCATED OUTSIDE THE WASTE DISPOSAL LIMITS OF A LANDFILL CELL THAT HAS BEEN CERTIFIED BY EPD FOR WASTE DISPOSAL, 100% OF THE SOIL SURFACE IS UNIFORMLY COVERED IN PERMANENT VEGETATION WITH A DENSITY OF 70% OR GREATER, OR LANDSCAPED ACCORDING TO THE PLAN (UNIFORMLY COVERED WITH LANDSCAPING MATERIALS IN PLANNED LANDSCAPED AREAS), OR EQUIVALENT PERMANENT STABILIZATION MEASURES AS DEFINED IN THE MANUAL (EXCLUDING A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET CROP PERENNIALS APPROPRIATE FOR THE REGION).

(h). ALL SAMPLING PURSUANT TO THIS PERMIT MUST BE DONE IN SUCH A WAY (INCLUDING GENERALLY ACCEPTED SAMPLING METHODS, LOCATIONS, TIMING, AND FREQUENCY) AS TO ACCURATELY REFLECT WHETHER STORMWATER RUNOFF FROM THE CONSTRUCTION SITE IS IN COMPLIANCE WITH THE STANDARD SET FORTH IN PARTS III.D.4. OR III.D.5., WHICHEVER IS APPLICABLE.

d. SAMPLING FREQUENCY.

(1). THE PRIMARY PERMITTEE MUST SAMPLE IN ACCORDANCE WITH THE PLAN AT LEAST ONCE FOR EACH RAINFALL EVENT DESCRIBED BELOW. FOR A QUALIFYING EVENT, THE PERMITTEE SHALL SAMPLE AT THE BEGINNING OF ANY STORMWATER DISCHARGE TO A MONITORED RECEIVING WATER AND/OR FROM A MONITORED OUTFALL LOCATION WITHIN IN FORTY-FIVE (45) MINUTES OR AS SOON AS POSSIBLE.

(2). HOWEVER, WHERE MANUAL AND AUTOMATIC SAMPLING ARE IMPOSSIBLE (AS DEFINED IN THIS PERMIT), OR ARE BEYOND THE PERMITTEE'S CONTROL, THE PERMITTEE SHALL TAKE SAMPLES AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN TWELVE (12) HOURS AFTER THE BEGINNING OF THE STORMWATER DISCHARGE.

(3). SAMPLING BY THE PERMITTEE SHALL OCCUR FOR THE FOLLOWING QUALIFYING EVENTS:

(a). FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORMWATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT AFTER ALL CLEARING AND GRUBBING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO COMPLETION OF MASS GRADING OPERATIONS, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION;

(b). IN ADDITION TO (a) ABOVE, FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORMWATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT EITHER 90 DAYS AFTER THE FIRST SAMPLING EVENT OR AFTER ALL MASS GRADING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO SUBMITTAL OF A NOT, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION, WHICHEVER COMES FIRST;

(c). AT THE TIME OF SAMPLING PERFORMED PURSUANT TO (a) AND (b) ABOVE, IF BMPS IN ANY AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL ARE NOT PROPERLY DESIGNED, INSTALLED AND MAINTAINED, CORRECTIVE ACTION SHALL BE DEFINED AND IMPLEMENTED WITHIN TWO (2) BUSINESS DAYS, AND TURBIDITY SAMPLES SHALL BE TAKEN FROM DISCHARGES FROM THAT AREA OF THE SITE FOR EACH SUBSEQUENT RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH DURING NORMAL BUSINESS HOURS* UNTIL THE SELECTED TURBIDITY STANDARD IS ATTAINED, OR UNTIL POST-STORM EVENT INSPECTIONS DETERMINE THAT BMPS ARE PROPERLY DESIGNED, INSTALLED AND MAINTAINED;

(d). WHERE SAMPLING PURSUANT TO (a), (b) OR (c) ABOVE IS REQUIRED BUT NOT POSSIBLE (OR NOT REQUIRED BECAUSE THERE WAS NO DISCHARGE), THE PERMITTEE, IN ACCORDANCE WITH PART IV.D.4.a.(6), MUST INCLUDE A WRITTEN JUSTIFICATION IN THE INSPECTION REPORT OF WHY SAMPLING WAS NOT PERFORMED. PROVIDING THIS JUSTIFICATION DOES NOT RELIEVE THE PERMITTEE OF ANY SUBSEQUENT SAMPLING OBLIGATIONS UNDER (a), (b) OR (c) ABOVE; AND

(e). EXISTING CONSTRUCTION ACTIVITIES, i.e., THOSE THAT ARE OCCURRING ON OR BEFORE THE EFFECTIVE DATE OF THIS PERMIT, THAT HAVE MET THE SAMPLING REQUIRED BY (a) ABOVE SHALL SAMPLE IN ACCORDANCE WITH (b). THOSE EXISTING CONSTRUCTION ACTIVITIES THAT HAVE MET THE SAMPLING REQUIRED BY (b) ABOVE SHALL NOT BE REQUIRED TO CONDUCT ADDITIONAL SAMPLING OTHER THAN AS REQUIRED BY (c) ABOVE.

*NOTE THAT THE PERMITTEE MAY CHOOSE TO MEET THE REQUIREMENTS OF (a) AND (b) ABOVE BY COLLECTING TURBIDITY SAMPLES FROM ANY RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR SAMPLING AT ANY TIME OF THE DAY OR WEEK.

PART IV.E REPORTING:

1. THE APPLICABLE PERMITTEES ARE REQUIRED TO SUBMIT THE SAMPLING RESULTS TO THE EPD AT THE ADDRESS SHOWN IN PART II.C. BY THE FIFTEENTH DAY OF THE MONTH FOLLOWING THE REPORTING PERIOD. REPORTING PERIODS ARE MONTHS DURING WHICH SAMPLES ARE TAKEN IN ACCORDANCE WITH THIS PERMIT. SAMPLING RESULTS SHALL BE IN A CLEARLY LEGIBLE FORMAT. UPON WRITTEN NOTIFICATION, EPD MAY REQUIRE THE APPLICABLE PERMITTEE TO SUBMIT THE SAMPLING RESULTS ON A MORE FREQUENT BASIS. SAMPLING AND ANALYSIS OF ANY STORMWATER DISCHARGE(S) OR THE RECEIVING WATER(S) BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED IN A SIMILAR MANNER TO THE EPD. THE SAMPLING REPORTS MUST BE SIGNED IN ACCORDANCE WITH PART V.G.2. SAMPLING REPORTS MUST BE SUBMITTED TO EPD USING THE ELECTRONIC SUBMITTAL SERVICE PROVIDED BY EPD. SAMPLING REPORTS MUST BE SUBMITTED TO EPD UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI.

2. ALL SAMPLING REPORTS SHALL INCLUDE THE FOLLOWING INFORMATION:
   a. THE RAINFALL AMOUNT, DATE, EXACT PLACE AND TIME OF SAMPLING OR MEASUREMENTS;
   b. THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE SAMPLING AND MEASUREMENTS;
   c. THE DATE(S) ANALYSES WERE PERFORMED;
   d. THE TIME(S) ANALYSES WERE INITIATED;
   e. THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE ANALYSES;
   f. REFERENCES AND WRITTEN PROCEDURES, WHEN AVAILABLE, FOR THE ANALYTICAL TECHNIQUES OR METHODS USED;
   g. THE RESULTS OF SUCH ANALYSES, INCLUDING THE BENCH SHEETS, INSTRUMENT READOUTS, COMPUTER DISKS OR TAPES, ETC., USED TO DETERMINE THESE RESULTS;
   h. RESULTS WHICH EXCEED 1000 NTU SHALL BE REPORTED AS "EXCEEDS 1000 NTU;"
   i. CERTIFICATION STATEMENT THAT SAMPLING WAS CONDUCTED AS PER THE PLAN.

3. ALL WRITTEN CORRESPONDENCE REQUIRED BY THIS PERMIT SHALL BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL (OR SIMILAR SERVICE) TO THE APPROPRIATE DISTRICT OFFICE OF THE EPD ACCORDING TO THE SCHEDULE IN APPENDIX A OF THIS PERMIT. THE PERMITTEE SHALL RETAIN A COPY OF THE PROOF OF SUBMITTAL AT THE CONSTRUCTION SITE OR THE PROOF OF SUBMITTAL SHALL BE READILY AVAILABLE AT A DESIGNATED LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI.

(32) PART IV.F RETENTION OF RECORDS:

1. THE PRIMARY PERMITTEE SHALL RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR THE RECORDS SHALL BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI:
   a. A COPY OF ALL NOTICES OF INTENT SUBMITTED TO EPD;
   b. A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN REQUIRED BY THIS PERMIT;
   c. THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH PART IV.A.5. OF THIS PERMIT;
   d. A COPY OF ALL SAMPLING INFORMATION, RESULTS, AND REPORTS REQUIRED BY THIS PERMIT;
   e. A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH PART IV.D.4.A. OF THIS PERMIT;
   f. A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PART III.D. OF THIS PERMIT; AND
   g. DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PART IV.D.4.A.(2). OF THIS PERMIT.

2. COPIES OF ALL NOTICES OF INTENT, NOTICES OF TERMINATION, INSPECTION REPORTS, SAMPLING REPORTS (INCLUDING ALL CALIBRATION AND MAINTENANCE RECORDS AND ALL ORIGINAL STRIP CHART RECORDINGS FOR CONTINUOUS MONITORING INSTRUMENTATION) OR OTHER REPORTS REQUESTED BY THE EPD, EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS, RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT AND ALL OTHER RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED BY THE PERMITTEE WHO EITHER PRODUCED OR USED IT FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE NOT IS SUBMITTED IN ACCORDANCE WITH PART VI. OF THIS PERMIT. THESE RECORDS MUST BE MAINTAINED AT THE PERMITTEE'S PRIMARY PLACE OF BUSINESS OR AT A DESIGNATED ALTERNATIVE LOCATION ONCE THE CONSTRUCTION ACTIVITY HAS CEASED AT THE PERMITTED SITE. THIS PERIOD MAY BE EXTENDED BY REQUEST OF THE EPD AT ANY TIME UPON WRITTEN NOTIFICATION TO THE PERMITTEE.

(2)

CERTIFIED DESIGN PROFESSIONAL	
NAME	ALEXANDER K. MOONEY, P.E.
LEVEL II CERTIFICATION NO.	000 0072 915
EXPIRATION DATE	6/13/2027

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY

NOT FOR CONSTRUCTION

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE APRIL 2025

EROSION & SEDIMENT CONTROL PLAN - NOTES - SHEET 2

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL DESIGNED BY: KRT REVIEWED BY: AWB QUANTITIES CHECKED BY: AKM

SHEET 91/96 DRAWING NO. EC-16

NOT FOR CONSTRUCTION

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST
STAND ALONE CONSTRUCTION PROJECTS GAR100001

SWCD: ______________________

Project Name: Taxiway 'A' Pavement Rehabilitation & Lighting Address: 200 AIRPORT PARKWAY
Local Issuing Authority: LAGRANGE / TROUP COUNTY Date on Plans: JANUARY 2025
Name & Email of person filling out checklist: DAVID LEONI (DLEONI@BENESCH.COM)

TO BE SHOWN ON ES&PC PLAN

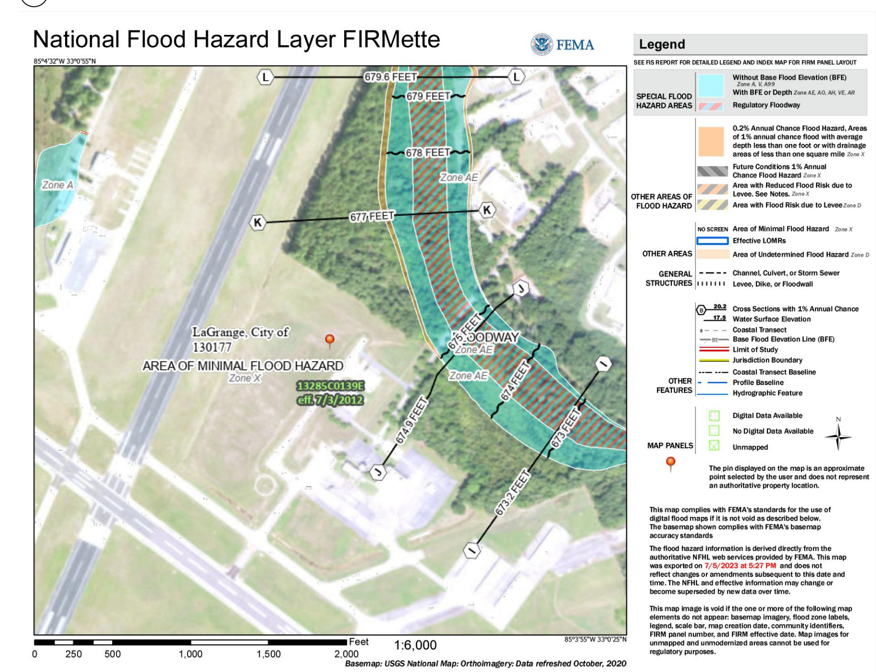
Plan Page #	Included Y/N	No.	Item
PLANS	Y	1	The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted. The completed Checklist <u>must</u> be submitted with the ES&PC Plan or the Plan will not be reviewed. **Permit IV.D.1. pg 27**
ALL	Y	2	Level II certification number issued by the Commission, signature and seal of the certified design professional. Signature, seal and Level II number <u>must</u> be on each sheet pertaining to ES&PC Plan or the Plan will not be reviewed. The Level II certification must be issued to the Design Professional, **after completion of a GSWCC approved course**, and whose signature and seal are on the Plan.
	N/A	3	Limits of disturbance shall be **less than** 50 acres at any one time without prior written authorization from the GAEPD District Office. If GAEPD approves the request to disturb 50 acres or more at any one time, the Plan <u>must</u> include the GAEPD approval letter and completed Appendix 1 of this checklist with at least 4 of the chosen BMPs. * A copy of the written approval by GAEPD <u>must</u> be attached to the Plan for the Plan to be reviewed. **Permit IV.D.3. pg 28**
PLANS	Y	4	The name and phone number of the 24-hour contact responsible for erosion, sedimentation and pollution controls.
PLANS	Y	5	Provide the name, address, email address, and phone number of Primary Permittee.
PLANS	Y	6	Note total and disturbed acreages of the project or phase under construction.
PLANS	Y	7	Provide the GPS location of the construction exit for the site. Give the Latitude and Longitude in decimal degrees.
PLANS	Y	8	Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
PLANS	Y	9	Descriptions of the nature of construction activity and existing site conditions.
PLANS	Y	10	Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.
PLANS	Y	11	Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.
PLANS	Y	12	Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on **Part IV page 20** of the permit.
PLANS	Y	13	Design professional's certification statement and signature that the Permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on **Part IV page 20** of the permit. *
PLANS	Y	14	Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect **and certify** the installation of the initial sediment storage requirements and perimeter control BMPs within 7 days after installation." *
PLANS	Y	15	Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."
PLANS	Y	16	Provide a description of any buffer encroachments and indicate whether a buffer variance is required.
PLANS	Y	17	Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional." *
PLANS	Y	18	Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit." *
PLANS	Y	19	Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."
PLANS	Y	20	Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."
PLANS	Y	21	Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."
PLANS	Y	22	Any construction activity which discharges storm water into a Biota Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as any portion of a Biota Impaired Stream Segment, must comply with **Part III.C.** of the permit. Include the completed Appendix 1 of this checklist with at least 4 of the chosen BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment. *
PLANS	Y	23	If a TMDL Implementation Plan for sediment has been finalized for the Biota Impaired Stream Segment (identified in Item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan. *
PLANS	Y	24	BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Include statement that washout of the drum at the construction site is prohibited. *
PLANS	Y	25	Provide BMPs for the remediation of all petroleum spills and leaks.
PLANS	Y	26	Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed. *
PLANS	Y	27	Description of practices to provide cover for building materials and building products on site. *
PLANS	Y	28	Description of the practices that will be used to reduce the pollutants in storm water discharges. *
PLANS	Y	29	Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, grading, infrastructure, temporary and final stabilization).
PLANS	Y	30	Provide complete requirements of <u>Inspections</u> and record keeping by the Primary Permittee. *
PLANS	Y	31	Provide complete requirements of <u>Sampling Frequency</u> and <u>Reporting</u> of sampling results. *
PLANS	Y	32	Provide complete details for <u>Retention of Records</u> as per **Part IV.F.** of the permit. *
PLANS	Y	33	Description of analytical methods to be used to collect and analyze the samples from each location. *
PLANS	Y	34	Appendix B rationale for NTU values at all outfall sampling points where applicable. *
PLANS	Y	35	Delineate all sampling locations on **all phases of** the Plan, and perennial and intermittent streams and other water bodies into which storm water is discharged. *
PLANS	Y	36	A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial sediment storage requirements and initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all BMPs into a single phase plan. *
ALL	Y	37	Graphic scale and North arrow.
ALL	Y	38	Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following: (see table below)
	N/A	39	Use of Alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by GAEPD or the Georgia Soil and Water Conservation Commission). Refer to the Alternative BMP Guidance Document found at www.gaswcc.georgia.gov.
	N/A	40	Use of Alternative BMP for application to the Equivalent BMP List. Refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition. *
	N/A	41	Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State Waters and any additional buffers as required by the Local Issuing Authority. Clearly note and delineate all areas of impact.
PLANS	Y	42	Delineation of all State Waters and wetlands located on or within 200 feet of the project site.
PLANS	Y	43	Delineation and acreage of contributing drainage basins on the project site.
PLANS	Y	44	Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions. *
PLANS	Y	45	Estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed. **For solar farm projects, post-construction impervious area shall be calculated as 70% of total solar panel square footage.**
PLANS	Y	46	Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate at all storm water discharge points.
PLANS	Y	47	Soil series for the project site and their delineation.
PLANS	Y	48	The limits of disturbance for each phase of construction.
PLANS	Y	49	Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the Plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual must be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, Permittees are <u>required</u> to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.
PLANS	Y	50	Location of Best Management Practices that are consistent with, and no less stringent than, the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual Chapter 6, with legend.
PLANS	Y	51	Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.
PLANS	Y	52	Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of year that seeding will take place and for the appropriate geographic region of Georgia.

Map Scale	Ground Slope	Contour Intervals, ft.
1 inch = 100ft or larger scale	Flat 0 - 2% Rolling 2 - 8% Steep 8% +	0.5 or 1 1 or 2 2, 5 or 10

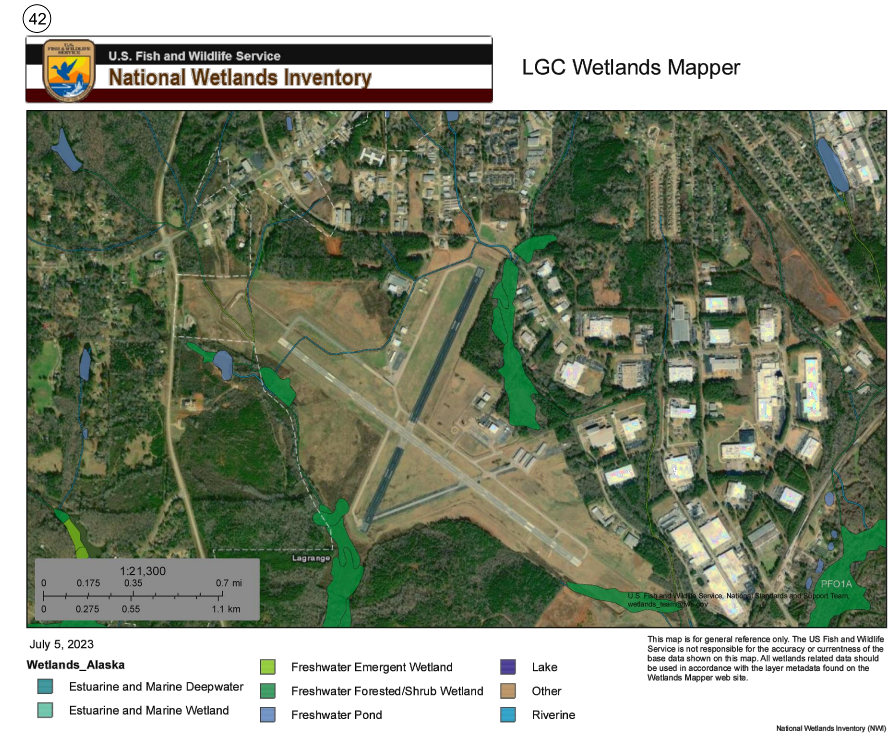
* **If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream, the * checklist items would be N/A.**

Effective January 1, 2025

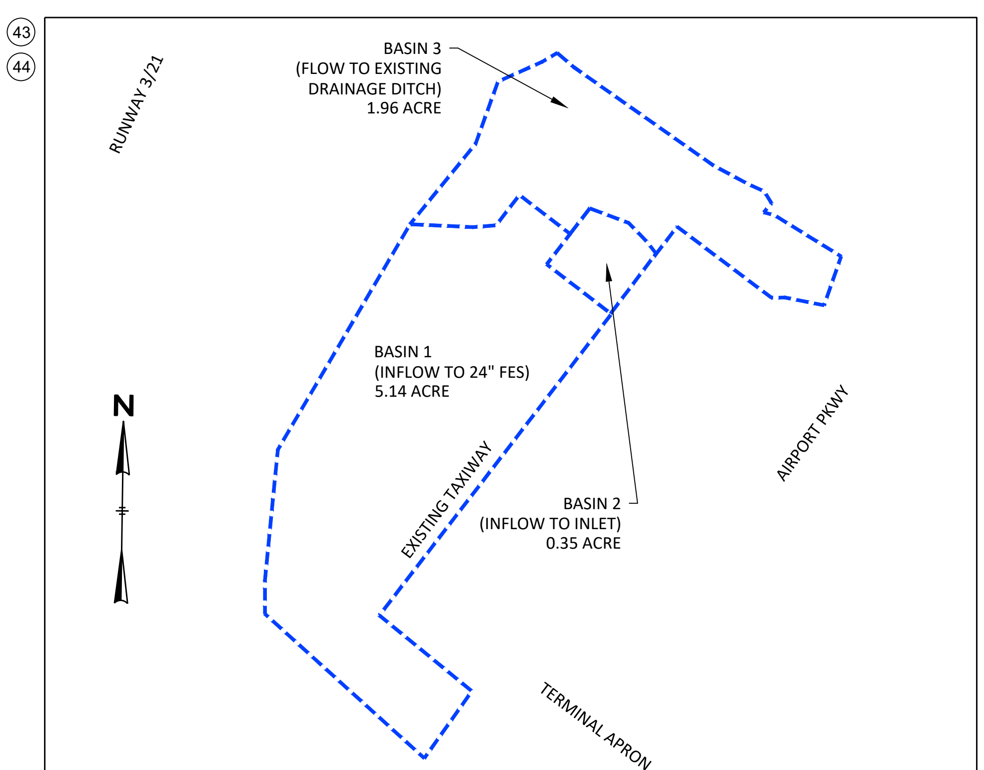
(35)



(42)



(43) (44)



DRAINAGE BASIN MAP
No Scale

(2)

CERTIFIED DESIGN PROFESSIONAL	
NAME	ALEXANDER K. MOONEY, P.E.
LEVEL II CERTIFICATION NO.	000 0072 915
EXPIRATION DATE	6/13/2027

GEORGIA REGISTERED 04/16/2025 No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY

NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

EROSION & SEDIMENT CONTROL PLAN - NOTES - SHEET 3

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01
DRAWN BY: DJL DESIGNED BY: KRT REVIEWED BY: AWB QUANTITIES CHECKED BY: AKM

NOT FOR CONSTRUCTION

APPENDIX 1

THE ES&PC PLAN MUST INCLUDE AT LEAST FOUR (4) OF THE FOLLOWING BMPS FOR THOSE AREAS OF THE SITE WHICH DISCHARGE TO AN IMPAIRED STREAM SEGMENT OR FOR SITES WHICH EPD HAS APPROVED IN WRITING A REQUEST TO DISTURB 5O ACRES OR MORE AT ANY ONE TIME.

The four items chosen must be appropriate for the site conditions.

Plan Page #	Included Y/N	
		a. During construction activities, double the width of the 25-foot undisturbed vegetated buffer along all State Waters requiring a buffer and the 50-foot undisturbed vegetated buffer along all State Waters classified as "trout streams" requiring a buffer. During construction activities, EPD will not grant variances to any such buffers that are increased in width.
DETAILS	Y	b. Increase all temporary sediment basins and retrofitted storm water management basins to provide sediment storage of at least 3600 cubic feet (134 cubic yards) per acre drained.
		c. Use baffles in all temporary sediment basins and retrofitted storm water management basins to at least double the conventional flow path length to the outlet structure.
DETAILS	Y	d. A large sign (minimum 4 feet x 8 feet) must be posted on site by the actual start date of construction. The sign must be visible from a public roadway. The sign must identify the following: (1) construction site, (2) the permittee(s), (3) the contact person(s) and telephone number(s), and (4) the permittee-hosted website where the Plan can be viewed and must be provided on the submitted NOI. The sign must remain on site and the Plan must be available on the provided website until a NOT has been submitted.
		e. Use **tackifiers** and/or mulch to stabilize areas left disturbed for more than seven (7) calendar days in accordance with **Part III. D.1.** of the current NPDES Permits.
		f. Conduct turbidity sampling after every rain event of 0.5 inch or greater within any 24-hour period, recognizing the exceptions specified in **Part IV.D.6.d.** of the current NPDES Permits.
		g. Comply with the applicable end-of-pipe turbidity effluent limit, without the "BMP defense" as provided for in O.C.G.A. 12-7-6 (a)(1).
		h. Reduce the total planned site disturbance to less than 50% impervious surfaces (excluding any State-mandated buffer areas from such calculations). All calculations must be included on the Plan.
		i. Limit the amount of disturbed area at any one time to no greater than 25 acres or 50% of the total planned site, whichever is less. All calculations must be included on the Plan.
		j. Use "Dirt II" techniques available on the EPD website to model and manage construction storm water runoff (including sheet flow). All calculations must be included on the Plan.
		k. **Conduct soil tests representative of conditions at the time of planting to identify and to implement site-specific fertilizer needs and/or** add appropriate organic soil amendments (e.g., compost) and conduct pre- and post-construction soil sampling to a depth of six (6) inches to document improved levels of soil carbon after final stabilization of the construction
		l. Use mulch filter berms, in addition to a silt fence, on the site perimeter wherever construction storm water (including sheet flow) may be discharged. Mulch filter berms cannot be placed in waterways or areas of concentrated flow.
NOTES	Y	m. Use appropriate erosion control slope stabilization instead of concrete in all construction storm water ditches and storm drainages designed for a 25-year, 24-hour rainfall event.
		n. Use flocculants or coagulants under a passive dosing method (e.g., flocculant blocks) within all construction storm water ditches and storm drainages that feed into temporary sediment basins and retrofitted management basins.
		o. Install sod for a minimum 20-foot width (in lieu of seeding) after final grade has been achieved, along the site perimeter wherever storm water (including sheet flow) may be discharged.
NOTES	Y	p. Certified personnel shall conduct inspections at least twice every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with **Part IV.D.4.a.(3)(a)-(c)** of this permit. *
		q. Apply the appropriate compost blankets (minimum depth 1.5 inches) to protect soil surfaces until vegetation is established during the final stabilization phase of the construction activity.
		r. Use Alternative BMPs whose performance has been documented to be superior to conventional BMPs as certified by a design professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). (If using this item please refer to the Alternative BMP guidance document found at *www.gaswcc.georgia.gov*)
		s. Limit the total planned site disturbance to less than 15% impervious surfaces (excluding any State mandated buffer areas from such calculations). All calculations must be included in the Plan.
		t. Conduct inspections during the intermediate grading and drainage BMP phase and during the final BMP phase of the project by the design professional who prepared the Plan in accordance with **Part IV.A.5** of the permit. *The Plan must include a statement that the primary permittee must retain the design professional who prepared the Plan to conduct inspections during the intermediate grading and drainage BMP phase and during the final BMP phase.*
		u. Install Post Construction BMPs (e.g., runoff reduction BMPs) which remove 80% TSS as outlined in the Georgia Stormwater Management Manual, known as the Blue Book, or an equivalent or more stringent design manual.

* This requirement is different for infrastructure projects:

Certified personnel for primary permittees shall conduct inspections at least once every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with Part IV.D.4.a.(3)(a) – (c) of the permit.

Effective January 1, 2025

GEORGIA REGISTERED No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY 04/16/2025

(2)

CERTIFIED DESIGN PROFESSIONAL	
NAME	ALEXANDER K. MOONEY, P.E.
LEVEL II CERTIFICATION NO.	000 0072 915
EXPIRATION DATE	6/13/2027

NO.	REVISIONS	DATE
△	95% GDOT SUBMITTAL	7/1/2024

PROJECT TAXIWAY 'A' PAVEMENT REHAB & LIGHTING

DATE APRIL 2025

EROSION & SEDIMENT CONTROL PLAN - NOTES - SHEET 4

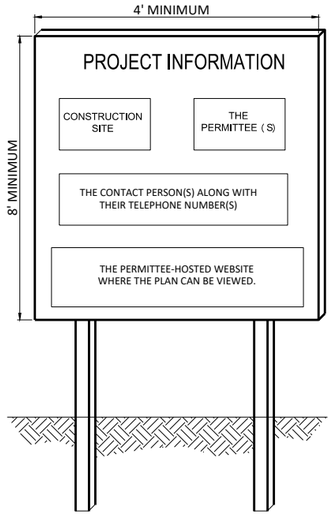
LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

benesch
Alfred Benesch & Company
600 Peachtree Street NE - Suite 2410
Atlanta, Georgia 30308
706-722-4114 Job No. - 19024029.01

DRAWN BY: DJL DESIGNED BY: KRT REVIEWED BY: AWB QUANTITIES CHECKED BY: AKM

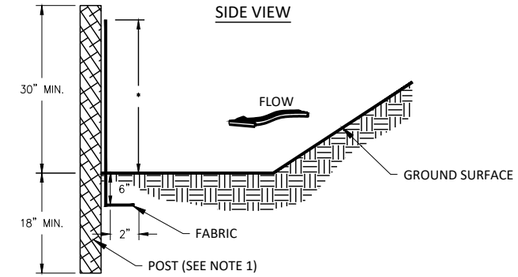
SHEET 93/96 DRAWING NO. EC-18

NOT FOR CONSTRUCTION



PROJECT INFORMATION SIGN
No Scale

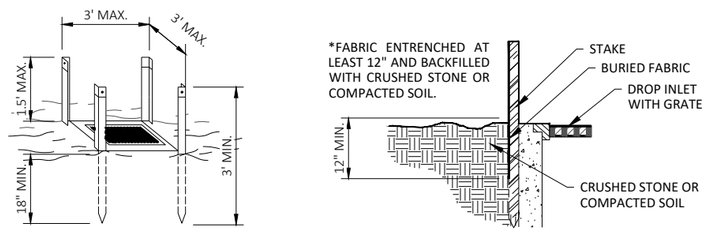
NOTES:
1. THE INFORMATION SIGN MUST BE LOCATED NEAR THE ENTRANCE/EXIT OF THE SITE, THAT IT IS ACCESSIBLE/VIEWABLE BY THE GENERAL PUBLIC, BUT NOT OBSTRUCTING VIEWS AS TO CAUSE A PUBLIC SAFETY HAZARD.
2. ALL POSTED DOCUMENTS MUST BE MAINTAINED IN A CLEARLY READABLE CONDITION AT ALL TIMES THROUGHOUT CONSTRUCTION AND UNTIL THE NOTICE-OF TERMINATION (NOT) IS FILED FOR THE PERMIT.
3. CONTRACTOR SHALL POST THE PERMITTEE-HOSTED WEBSITE WHERE THE PLAN CAN BE VIEWED MUST BE PROVIDED ON THE SUBMITTED NOI. THE SIGN MUST REMAIN ON SITE AND THE PLAN MUST BE AVAILABLE ON THE PROVIDED WEBSITE UNTIL A NOT HAS BEEN SUBMITTED.
4. SIGNS SHALL BE LOCATED OUTSIDE OF PUBLIC RIGHT-OF-WAY AND EASEMENTS UNLESS APPROVED BY THE GOVERNING AGENCY.
5. CONTRACTOR IS RESPONSIBLE FOR ENSURING STABILITY OF THIS SWPPP INFORMATION SIGN.



Sd1-S SEDIMENT BARRIER, TYPE 'C' - SENSITIVE SILT FENCE
No Scale

NOTES:
1. USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
2. HEIGHT (*) IS TO BE SHOWN ON THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

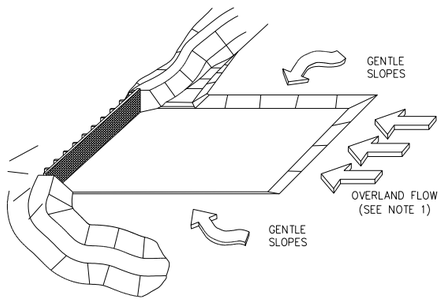
STEEL FRAME AND SILT FENCE INSTALLATION



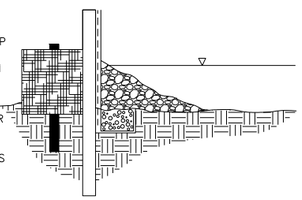
(50) Sd2-F FABRIC FRAME INLET PROTECTION
No Scale

NOTES:
1. DESIGN IS FOR THE SLOPES NO GREATER THAN 5% (NOT DESIGNED FOR CONCENTRATED FLOWS).
2. THE STEEL POSTS SUPPORTING THE SILT FENCE MATERIAL SHOULD BE SPACED EVENLY AROUND THE PERIMETER OF THE INLET (MAXIMUM OF 3' APART).
3. THE STEEL POSTS SHOULD BE SECURLEY DRIVEN AT LEAST 18" DEEP.
4. THE FABRIC SHOULD BE ENTRENCHED AT LEAST 12" AND THEN BACKFILLED WITH CRUSHED STONE OR COMPACTED SOIL
5. PAYMENT FOR Sd2-F SHALL BE MEASURED UNDER SD1 SILT FENCE.

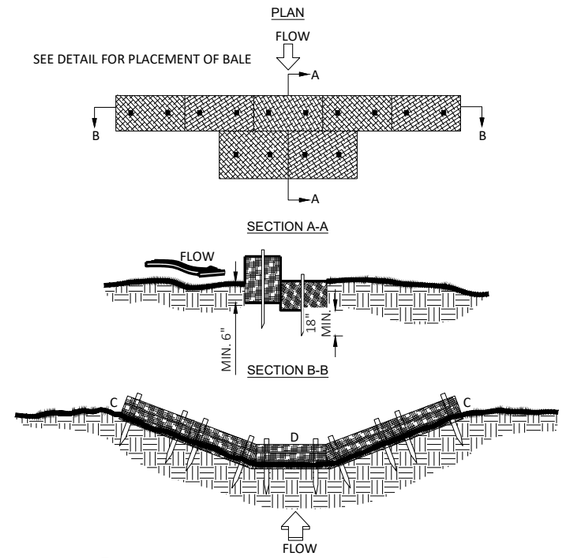
COMBINATION OUTLET



NOTES:
1. MAXIMUM AREA FOR SEDIMENT TRAP WITH A SILT FENCE/STRAW BALE COMBINATION OUTLET IS USUALLY 1 ACRE WITH GENTLE SLOPES AND PREDOMINANTLY OVERLAND SHEET FLOW.
2. MAXIMUM DEPTH OF PONDED WATER IS USUALLY 12" OR LESS. PROVIDE EMERGENCY SPILLWAY BY CONSTRUCTING RIPRAP CHANNEL AS NECESSARY.



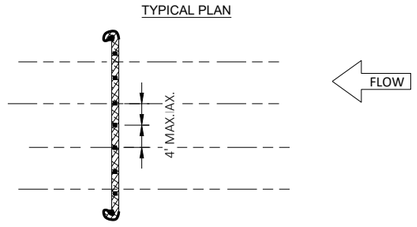
(50) Sd4-A TEMPORARY SEDIMENT TRAP
No Scale



Cd-HB TYPICAL STRAW BALE CHECK DAM
No Scale

NOTES:
1. BALES SHOULD BE BOUND WITH WIRE OR NYLON STRING AND SHOULD BE PLACED IN ROWS WITH BALE ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. REMOVE #4 REBAR AFTER STRAW BALES ARE NO LONGER IN PLACE.
3. POINT C OF SECTION B-B SHOULD ALWAYS BE HIGHER THAN POINT D.

TYPICAL PLAN



COMPOST FILTER SOCK FOR CHECK DAMS (IF REQUIRED)
No Scale

NOTES:
1. ALL MATERIAL TO MEET SPECIFICATIONS.
2. PLACE ONE STAKE AT THE CENTER OF THE DITCH/CHANNEL. ALSO PLACE STAKES AT THE BED/BANK JUNCTION AND AT END OF THE DEVICE NOT SPACED MORE THAN 4 FEET APART.
3. SEDIMENT SHOULD BE REMOVED FROM BEHIND THE CHECK DAM ONCE THE ACCUMULATED HEIGHT HAS REACHED ½ THE HEIGHT OF THE CHECK DAM.
4. CHECK DAMS CAN BE DIRECT SEEDED AT THE TIME OF INSTALLATION.
5. MINIMUM STAKING DEPTH FOR SAND, SILT, AND CLAY SHALL BE 18".

(2)

CERTIFIED DESIGN PROFESSIONAL	
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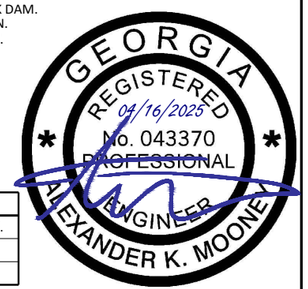
LEVEL II CERTIFICATION NO.	000 0072 915
EXPIRATION DATE	6/13/2027



NO.	REVISIONS	DATE
1	95% GDOT SUBMITAL	7/1/2024

PROJECT: TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE: APRIL 2025

EROSION & SEDIMENT CONTROL PLAN - DETAILS - SHEET 1

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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SHEET 94/96 | DRAWING NO. EC-19

Last Saved: 2/7/2025, 5:29:55 PM Saved By: DLEON Plotted: 4/10/2025, 12:26 PM
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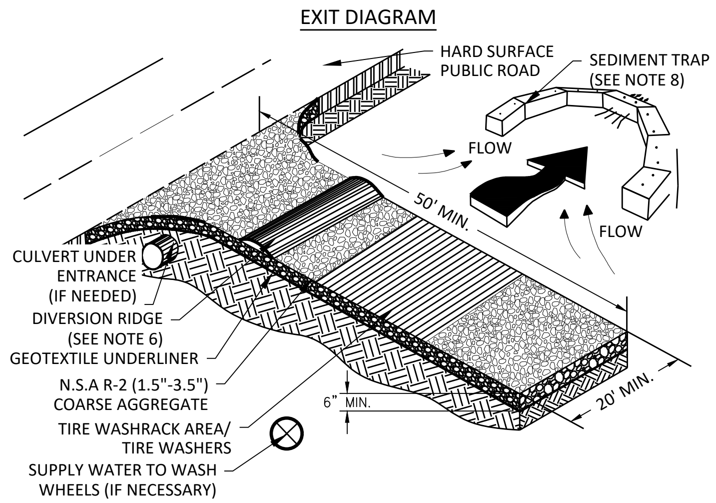
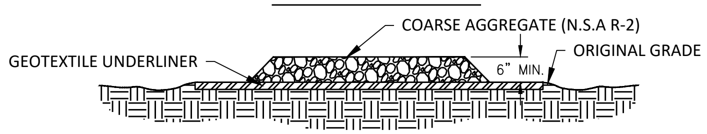


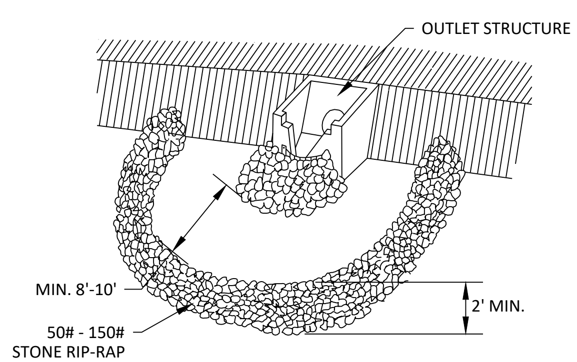
ENTRANCE ELEVATION



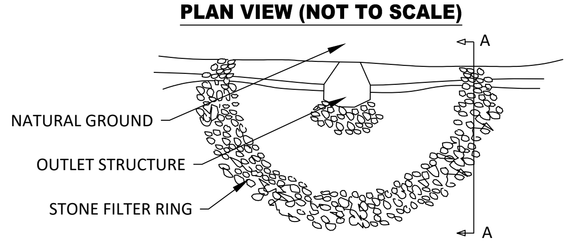
NOTES:
1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).
4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6".
5. PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 20'.
6. A DIVERSION RIDGE SHOULD BE CONSTRUCTED WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.
7. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
8. WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN (DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE).
9. WASHRACKS AND/OR TIRE WASHERS MAY BE REQUIRED DEPENDING ON SCALE AND CIRCUMSTANCE. IF NECESSARY, WASHRACK DESIGN MAY CONSIST OF ANY MATERIAL SUITABLE FOR TRUCK TRAFFIC THAT REMOVE MUD AND DIRT.
10. MAINTAIN AREA IN A WAY THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

Co CRUSHED STONE CONSTRUCTION EXIT
No Scale

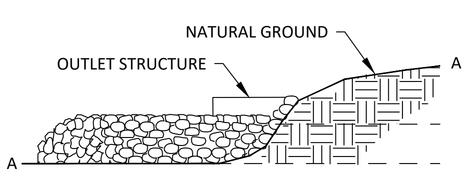
PERSPECTIVE VIEW



PLAN VIEW (NOT TO SCALE)



CROSS SECTION (NOT TO SCALE)



Fr STONE FILTER RING
No Scale

DEFINITION

CONTROLLING SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADS, AND DEMOLITION SITES. APPLICABLE FOR ALL PROJECT HAUL ROUTES, STAGING AREAS, AND WORK AREAS.

CONDITIONS

THIS PRACTICE IS APPLICABLE TO AREAS SUBJECT TO SURFACE AND AIR MOVEMENT OF DUST WHERE ON AND OFF-SITE DAMAGE MAY OCCUR WITHOUT TREATMENT.

METHOD AND MATERIALS

A. TEMPORARY METHODS

IRRIGATION. SITE IS SPRINKLED WITH WATER UNTIL THE SURFACE IS WET. REPEAT AS NEEDED.

VEGETATIVE COVER. SEE STANDARD DS2 - DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING).

MULCHES. NOT USED.

SPRAY-ON ADHESIVES. NOT USED.

TILLAGE. NOT USED.

BARRIERS. NOT USED.

CALCIUM CHLORIDE. NOT USED.

B. PERMANENT METHODS

PERMANENT VEGETATION. SEE STANDARD DS3 -DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION). EXISTING TREES AND LARGE SHRUBS MAY AFFORD VALUABLE PROTECTION IF LEFT IN PLACE.

Du DUST CONTROL

DEFINITION

APPLYING PLANT RESIDUES OR OTHER SUITABLE MATERIALS, PRODUCED ON THE SITE IF POSSIBLE, TO THE SOIL SURFACE.

CONDITIONS

MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 14 DAYS OF DISTURBANCE. MULCH CAN BE USED AS A SINGULAR EROSION CONTROL DEVICE FOR UP TO SIX MONTHS, BUT IT SHALL BE APPLIED AT THE APPROPRIATE DEPTH, DEPENDING ON THE MATERIAL USED, ANCHORED AND HAVE A CONTINU OUS 90% COVER OR GREATER OF THE SOIL SURFACE.

MAINTENANCE SHALL BE REQUIRED TO MAINTAIN APPROPRIATE DEPTH AND 90% COVER. TEMPORARY VEGETATION MAY BE EMPLOYED INSTEAD OF MULCH IF THE AREA WILL REMAIN UNDISTURBED FOR LESS THAN SIX MONTHS.

IF ANY AREA WILL REMAIN UNDISTURBED FOR GREATER THAN SIX MONTHS, PERMANENT VEGETATIVE TECHNIQUES SHALL BE EMPLOYED. REFER TO DS2 -DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING), DS3 - DISTURBED AREA STABILIZATION (WITH PERMANENT SEEDING), AND DS4 - DISTURBED AREA STABILIZATION (WITH SODDING).

SPECIFICATIONS

MULCHING WITHOUT SEEDING - THIS STANDARD APPLIES TO GRADED OR CLEARED AREAS WHERE SEEDINGS MAY NOT HAVE A SUITABLE GROWING SEASON TO PRODUCE AN EROSION RETARDANT COVER, BUT CAN BE STABILIZED WITH A MULCH COVER.

SITE PREPARATION

1. GRADE TO PERMIT THE USE OF EQUIPMENT FOR APPLYING AND ANCHORING MULCH.
2. INSTALL NEEDED EROSION CONTROL MEASURES AS REQUIRED SUCH AS DIKES, DIVERSIONS, BERMS, TERRACES AND SEDIMENT BARRIERS.
3. LOOSEN COMPACT SOIL TO A MINIMUM DEPTH OF 3 INCHES.

MULCHING MATERIALS - SELECT ONE OF THE FOLLOWING MATERIALS AND APPLY AT THE DEPTH INDICATED. MULCHES MAY BE FIBER MATS, NETTING, BARK, WOOD CHIPS, OR OTHER SUITABLE MATERIAL REASONABLY CLEAN AND FREE OF NOXIOUS WEEDS AND DELETERIOUS MATERIALS PER ITEM T-908. MULCHES SHALL NOT CREATE A WILDLIFE ATTRACTANT.

1. MULCH SHALL BE APPLIED AT A DEPTH OF 1.5 TO 3 INCHES PROVIDING COMPLETE SOIL COVERAGE.
2. WOOD WASTE (CHIPS, SAWDUST OR BARK) SHALL BE APPLIED AT A DEPTH OF 2 TO 3 INCHES. ORGANIC MATERIAL FROM THE CLEARING STAGE OF DEVELOPMENT SHOULD REMAIN ON SITE, BE CHIPPED, AND APPLIED AS MULCH. THIS METHOD OF MULCHING CAN GREATLY REDUCE EROSION CONTROL COSTS.
3. POLYETHYLENE FILM SHALL BE SECURED OVER BANKS OR STOCKPILED SOIL MATERIAL FOR TEMPORARY PROTECTION. THIS MATERIAL CAN BE SALVAGED AND RE-USED.

APPLYING MULCH - WHEN MULCH IS USED WITHOUT SEEDING, MULCH SHALL BE APPLIED TO PROVIDE FULL COVERAGE OF THE EXPOSED AREA.

1. MULCH AND WOOD CHIPS SHALL BE APPLIED UNIFORMLY BY HAND OR BY MECHANICAL EQUIPMENT.
2. IF THE AREA WILL EVENTUALLY BE COVERED WITH PERENNIAL VEGETATION, 20-30 POUNDS OF NITROGEN PER ACRE IN ADDITION TO THE NORMAL AMOUNT SHALL BE APPLIED TO OFFSET THE UPTAKE OF NITROGEN CAUSED BY THE DECOMPOSITION OF THE ORGANIC MULCHES.
3. APPLY POLYETHYLENE FILM ON EXPOSED AREAS.

ANCHORING MULCH

1. MULCH CAN BE PRESSED INTO THE SOIL WITH A DISK HARROW WITH THE DISK SET STRAIGHT OR WITH A SPECIAL "PACKER DISK". DISKS MAY BE SMOOTH OR SERRATED AND SHOULD BE 20 INCHES OR MORE IN DIAMETER AND 8 TO 12 INCHES APART. THE EDGES OF THE DISK SHOULD BE DULL ENOUGH NOT TO CUT THE MULCH BUT TO PRESS IT INTO THE SOIL LEAVING MUCH OF IT IN AN ERECT POSITION. STRAW OR HAY MULCH SHALL BE ANCHORED IMMEDIATELY AFTER APPLICATION.

   MULCH SPREAD WITH SPECIAL BLOWER-TYPE EQUIPMENT MAY BE ANCHORED. TACKIFERS, BINDERS AND HYDRAULIC MULCH WITH TACKIFIER SPECIFICALLY DESIGNED FOR TACKING MULCH CAN BE SUBSTITUTED FOR EMULSIFIED ASPHALT. PLASTIC MESH OR NETTING WITH MESH NO LARGER THAN ONE INCH BY ONE INCH SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
2. NETTING OF THE APPROPRIATE SIZE SHALL BE USED TO ANCHOR WOOD WASTE. OPENINGS OF THE NETTING SHALL NOT BE LARGER THAN THE AVERAGE SIZE OF THE WOOD WASTE CHIPS.
3. POLYETHYLENE FILM SHALL BE ANCHOR TRENCHED AT THE TOP AS WELL AS INCREMENTALLY AS NECESSARY.

Ds1 DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)

2

CERTIFIED DESIGN PROFESSIONAL	
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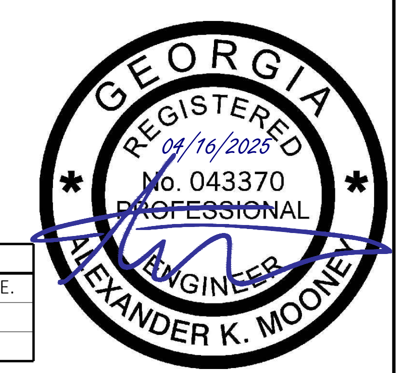
LEVEL II CERTIFICATION NO.	000 0072 915
EXPIRATION DATE	6/13/2027



NO.	REVISIONS	DATE
1	95% GDOT SUBMITTAL	7/1/2024
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PROJECT TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE APRIL 2025

EROSION & SEDIMENT CONTROL PLAN - DETAILS - SHEET 2

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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DRAWN BY: DJL | DESIGNED BY: KRT | REVIEWED BY: AWB | QUANTITIES CHECKED BY: AKM

SHEET 95/96 DRAWING NO. EC-20

DEFINITION

THE PLANTING OF PERENNIAL VEGETATION SUCH AS TREES, SHRUBS, VINES, GRASSES, OR LEGUMES ON EXPOSED AREAS FOR FINAL PERMANENT STABILIZATION. PERMANENT PERENNIAL VEGETATION SHALL BE USED TO ACHIEVE FINAL STABILIZATION.

CONDITIONS

PERMANENT PERENNIAL VEGETATION IS USED TO PROVIDE A PROTECTIVE COVER FOR EXPOSED AREAS INCLUDING CUTS, FILLS, DAMS, AND OTHER DENUDED AREAS.

SPECIFICATIONS

GRADING AND SHAPING - GRADING AND SHAPING MAY NOT BE REQUIRED WHERE HYDRAULIC SEEDING AND FERTILIZING EQUIPMENT IS TO BE USED. VERTICAL BANKS SHALL BE SLOPED TO ENABLE PLANT ESTABLISHMENT.

WHEN CONVENTIONAL SEEDING AND FERTILIZING ARE TO BE DONE, GRADE AND SHAPE WHERE FEASIBLE AND PRACTICAL, SO THAT EQUIPMENT CAN BE USED SAFELY AND EFFICIENTLY DURING SEEDBED PREPARATION, SEEDING, MULCHING AND MAINTENANCE OF THE VEGETATION.

CONCENTRATIONS OF WATER THAT WILL CAUSE EXCESSIVE SOIL EROSION SHALL BE DIVERTED TO A SAFE OUTLET. DIVERSIONS AND OTHER TREATMENT PRACTICES SHALL CONFORM WITH THE APPROPRIATE STANDARDS AND SPECIFICATIONS.

SEEDBED PREPARATION - SEEDBED PREPARATION MAY NOT BE REQUIRED WHERE HYDRAULIC SEEDING AND FERTILIZING EQUIPMENT IS TO BE USED. WHEN CONVENTIONAL SEEDING IS TO BE USED, SEEDBED PREPARATION WILL BE DONE AS FOLLOWS:

A. BROADCAST PLANTINGS
   I. TILLAGE AT A MINIMUM, SHALL ADEQUATELY LOOSEN THE SOIL TO A DEPTH OF 4 TO 6 INCHES; ALLEVIATE COMPACTION; INCORPORATE LIME AND FERTILIZER; SMOOTH AND FIRM THE SOIL; ALLOW FOR THE PROPER PLACEMENT OF SEED, SPRIGS, OR PLANTS; AND ALLOW FOR THE ANCHORING OF STRAW OR HAY MULCH IF A DISK IS TO BE USED.
   II. TILLAGE MAY BE DONE WITH ANY SUITABLE EQUIPMENT.
   III. TILLAGE SHOULD BE DONE ON THE CONTOUR WHERE FEASIBLE.
   IV. ON SLOPES TOO STEEP FOR THE SAFE OPERATION OF TILLAGE EQUIPMENT, THE SOIL SURFACE SHALL BE PITTED OR TRENCHED ACROSS THE SLOPE WITH APPROPRIATE HAND TOOLS TO PROVIDE TWO PLACES 6 TO 8 INCHES APART IN WHICH SEED MAY LODGE AND GERMINATE. HYDRAULIC SEEDING MAY ALSO BE USED.

B. INDIVIDUAL PLANTS
   I. WHERE PINE SEEDLINGS ARE TO BE PLANTED, SUBSOIL UNDER THE ROW 36 INCHES DEEP ON THE CONTOUR FOUR TO SIX MONTHS PRIOR TO PLANTING. SUBSOILING SHOULD BE DONE WHEN THE SOIL IS DRY, PREFERABLY IN AUGUST OR SEPTEMBER.

PLANTING

HYDRAULIC SEEDING - MIX THE SEED (INNOCULATED IF NEEDED), FERTILIZER, AND WOOD CELLULOSE OR WOOD PULP FIBER MULCH WITH WATER AND APPLY IN A SLURRY UNIFORMLY OVER THE AREA TO BE TREATED. APPLY WITHIN ONE HOUR AFTER THE MIXTURE IS MADE.

CONVENTIONAL SEEDING - SEEDING WILL BE DONE ON A FRESHLY PREPARED AND FIRMED SEEDBED. FOR BROADCAST PLANTING, USE A CULTIPACKER SEEDER, DRILL, ROTARY SEEDER, OTHER MECHANICAL SEEDER, OR HAND SEEDING TO DISTRIBUTE THE SEED UNIFORMLY OVER THE AREA TO BE TREATED. COVER THE SEED LIGHTLY WITH 1/8 TO 1/4 INCH OF SOIL FOR SMALL SEED AND 1/2 TO 1 INCH FOR LARGE SEED WHEN USING A CULTIPACKER OR OTHER SUITABLE EQUIPMENT.

NO-TILL SEEDING - NO-TILL SEEDING IS PERMISSIBLE INTO ANNUAL COVER CROPS WHEN PLANTING IS DONE FOLLOWING MATURITY OF THE COVER CROP OR IF THE TEMPORARY COVER STAND IS SPARSE ENOUGH TO ALLOW ADEQUATE GROWTH OF THE PERMANENT (PERENNIAL) SPECIES. NO-TILL SEEDING SHALL BE DONE WITH APPROPRIATE NO-TILL SEEDING EQUIPMENT. THE SEED MUST BE UNIFORMLY DISTRIBUTED AND PLANTED AT THE PROPER DEPTH.

INDIVIDUAL PLANTS - SHRUBS, VINES AND SPRIGS MAY BE PLANTED WITH APPROPRIATE PLANTERS OR HAND TOOLS. PINE TREES SHALL BE PLANTED MANUALLY IN THE SUBSOIL FURROW. EACH PLANT SHALL BE SET IN A MANNER THAT WILL AVOID CROWDING THE ROOTS. NURSERY STOCK PLANTS SHALL BE PLANTED AT THE SAME DEPTH OR SLIGHTLY DEEPER THAN THEY GREW AT THE NURSERY. THE TIPS OF VINES AND SPRIGS MUST BE AT OR SLIGHTLY ABOVE THE GROUND SURFACE. WHERE INDIVIDUAL HOLES ARE DUG, FERTILIZER SHALL BE PLACED IN THE BOTTOM OF THE HOLE, TWO INCHES OF SOIL SHALL BE ADDED AND THE PLANT SHALL BE SET IN THE HOLE.

MULCHING

MULCH IS REQUIRED FOR ALL PERMANENT VEGETATION APPLICATIONS. MULCH APPLIED TO SEEDED AREAS SHALL ACHIEVE 75% SOIL COVER. SELECT THE MULCHING MATERIAL FROM THE FOLLOWING AND APPLY AS INDICATED:

1. MANUFACTURED MULCH - CELLULOSE-FIBER OR WOOD-PULP MULCH SHALL BE PRODUCTS COMMERCIALLY AVAILABLE FOR USE IN SPRAY APPLICATIONS.

WOOD CELLULOSE AND WOOD PULP FIBERS SHALL NOT CONTAIN GERMINATION OR GROWTH INHIBITING FACTORS. THEY SHALL BE EVENLY DISPERSED WHEN AGITATED IN WATER. THE FIBERS SHALL CONTAIN A DYE TO ALLOW VISUAL METERING AND AID IN UNIFORM APPLICATION DURING SEEDING.

APPLYING MULCH

MULCH WILL BE SPREAD UNIFORMLY WITHIN 24 HOURS AFTER SEEDING AND/OR PLANTING. THE MULCH MAY BE SPREAD BY BLOWER-TYPE SPREADING EQUIPMENT, OTHER SPREADING EQUIPMENT OR BY HAND. MULCH SHALL BE APPLIED TO COVER 75% OF THE SOIL SURFACE.

WOOD CELLULOSE OR WOOD FIBER MULCH SHALL BE APPLIED UNIFORMLY WITH HYDRAULIC SEEDING EQUIPMENT.

ANCHORING MULCH

ANCHOR MULCH IMMEDIATELY AFTER APPLICATION BY ONE OF THE FOLLOWING METHODS:

1. EMULSIFIED ASPHALT CAN BE (A) SPRAYED UNIFORMLY ONTO THE MULCH AS IT IS EJECTED FROM THE BLOWER MACHINE OR (B) SPRAYED ON THE MULCH IMMEDIATELY FOLLOWING MULCH APPLICATION WHEN STRAW OR HAY IS SPREAD BY METHODS OTHER THAN SPECIAL BLOWER EQUIPMENT.

THE COMBINATION OF ASPHALT EMULSION AND WATER SHALL CONSIST OF A HOMOGENEOUS MIXTURE SATISFACTORY FOR SPRAYING. THE MIXTURE SHALL CONSIST OF 100 GALLONS OF GRADE SS-1H OR CSS-1H EMULSIFIED ASPHALT AND 100 GALLONS OF WATER PER TON OF MULCH.

CARE SHALL BE TAKEN AT ALL TIMES TO PROTECT STATE WATERS, THE PUBLIC, ADJACENT PROPERTY, PAVEMENTS, CURBS, SIDEWALKS, AND ALL OTHER STRUCTURES FROM ASPHALT DISCOLORATION.

2. MULCH SHALL BE PRESSED INTO THE SOIL IMMEDIATELY AFTER THE MULCH IS SPREAD. A SPECIAL "PACKER DISK"' OR DISK HARROW WITH THE DISKS SET STRAIGHT MAY BE USED. THE DISKS MAY BE SMOOTH OR SERRATED AND SHOULD BE 20 INCHES OR MORE IN DIAMETER AND 8 TO 12 INCHES APART. THE EDGES OF THE DISKS SHALL BE DULL ENOUGH TO PRESS THE MULCH INTO THE GROUND WITHOUT CUTTING IT, LEAVING MUCH OF IT IN AN ERECT POSITION. MULCH SHALL NOT BE PLOWED INTO THE SOIL.

3. SYNTHETIC TACKIFIERS OR BINDERS APPROVED BY GDOT SHALL BE APPLIED IN CONJUNCTION WITH OR IMMEDIATELY AFTER THE MULCH IS SPREAD. SYNTHETIC TACKIFIERS SHALL BE MIXED AND APPLIED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

4. RYE OR WHEAT CAN BE INCLUDED WITH FALL AND WINTER PLANTINGS TO STABILIZE THE MULCH. THEY SHALL BE APPLIED AT A RATE OF ONE-QUARTER TO ONE HALF BUSHEL PER ACRE.

5. PLASTIC MESH OR NETTING WITH MESH NO LARGER THAN ONE INCH BY ONE INCH MAY BE NEEDED TO ANCHOR MULCH ON UNSTABLE SOILS AND CONCENTRATED FLOW AREAS. THESE MATERIALS SHALL BE INSTALLED AND ANCHORED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

IRRIGATION

IRRIGATION SHALL BE APPLIED AT A RATE THAT WILL NOT CAUSE RUNOFF.

Ds3 DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)

(52)

PERMANENT SEEDING APPLICATION RATES

SPECIES	RATE PER ACRE (LBS)	RATE PER 1000 SQUARE FEET (LBS)	PLANTING DATES
COMMON BERMUDA GRASS (HULLED)	10	0.23	APRIL 16 - AUGUST 31
COMMON BERMUDA GRASS (UNHULLED)	10	0.23	APRIL 16 - AUGUST 31

*UNUSUAL SITE CONDITIONS MAY REQUIRE HEAVIER SEEDING RATES.
**REFER TO SPECIFICATIONS FOR REQUIRED MINIMUM SEED PURITY AND GERMINATION RATES.

DEFINITION

THE ESTABLISHMENT OF TEMPORARY VEGETATIVE COVER WITH FAST GROWNING SEEDINGS FOR SEASONAL PROTECTION ON DISTURBED OR DENUDED AREAS.

CONDITIONS

TEMPORARY GRASSING INSTEAD OF MULCH, CAN BE APPLIED TO ROUGH GRADED AREAS THAT WILL BE EXPOSED FOR LESS THAN SIX MONTHS. TEMPORARY VEGETATIVE MEASURES SHOULD BE COORDINATED WITH PERMANENT MEASURES TO ASSURE ECONOMICAL AND EFFECTIVE STABILIZATION. MOST TYPES OF TEMPORARY VEGETATION ARE IDEAL TO USE AS COMPANION CROPS UNTIL THE PERMANENT VEGETATION IS ESTABLISHED.

SPECIFICATIONS

1. GRADING AND SHAPING - EXCESSIVE WATER RUN-OFF SHALL BE REDUCED BY PROPERLY DESIGNED AND INSTALLED EROSION CONTROL PRACTICES SUCH AS CLOSED DRAINS, DITCHES, DIKES, DIVERSIONS, SEDIMENT BARRIERS AND OTHERS.

NO SHAPING OR GRADING IS REQUIRED IF SLOPES CAN BE STABILIZED BY HAND-SEEDED VEGETATION OR IF HYDRAULIC SEEDING EQUIPMENT IS TO BE USED.

2. SEEDBED PREPARATION - WHEN A HYDRAULIC SEEDER IS USED, SEEDBED PREPARATION IS NOT REQUIRED. WHEN USING CONVENTIONAL OR HANDSEEDING, SEEDBED PREPARATION IS NOT REQUIRED IF THE SOIL MATERIAL IS LOOSE AND NOT SEALED BY RAINFALL.

3. SEEDING - SELECT A GRASS OR GRASS-LEGUME MIXTURE SUITABLE TO THE AREA AND SEASON OF THE YEAR. SEED SHALL BE APPLIED UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL, CULTIPACKER SEEDER, OR HYDRAULIC SEEDER (SLURRY INCLUDING SEED AND FERTILIZER). DRILL OR CULTIPACKER SEEDERS SHOULD NORMALLY PLACE SEED ONE-QUARTER TO ONE-HALF INCH DEEP. APPROPRIATE DEPTH OF PLANTING IS TEN TIMES THE SEED DIAMETER. SOIL SHOULD BE "RAKED" LIGHTLY TO COVER SEED WITH SOIL IF SEEDED BY HAND.

4. MULCHING - TEMPORARY VEGETATION CAN, IN MOST CASES, BE ESTABLISHED WITHOUT THE USE OF MULCH. MULCH WITHOUT SEEDING SHOULD BE CONSIDERED FOR SHORT TERM PROTECTION. REFER TO DS1 - DISTURBED AREA STABILIZATION (WITH MULCHING ONLY).

5. IRRIGATION - DURING TIMES OF DROUGHT, WATER SHALL BE APPLIED AT A RATE NOT CAUSING RUNOFF AND EROSION. THE SOIL SHALL BE THOROUGHLY WETTED TO A DEPTH THAT WILL INSURE GERMINATION OF THE SEED. SUBSEQUENT APPLICATIONS SHOULD BE MADE WHEN NEEDED.

Ds2 DISTURBED AREA STABILIZATION (WITH TEMPORARY VEGETATION)

(52)

TEMPORARY SEEDING APPLICATION RATES

SPECIES	RATE PER ACRE (LBS)	RATE PER 1000 SQUARE FEET (LBS)	PLANTING DATES
RYE GRASS	50	1.15	SEPTEMBER 1 - APRIL 15

*UNUSUAL SITE CONDITIONS MAY REQUIRE HEAVIER SEEDING RATES.
**SEEDING DATES MAY NEED TO BE ALTERED TO FIT TEMPERATURE VARIATIONS AND CONDITIONS.

(2)

CERTIFIED DESIGN PROFESSIONAL	
NAME	ALEXANDER K. MOONEY, P.E.
LEVEL II CERTIFICATION NO.	000 0072 915
EXPIRATION DATE	6/13/2027

GEORGIA REGISTERED No. 043370 PROFESSIONAL ENGINEER ALEXANDER K. MOONEY 04/16/2025

NOT FOR CONSTRUCTION

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NO.	REVISIONS	DATE
△	95% GDOT SUBMITTAL	7/1/2024

PROJECT TAXIWAY 'A' PAVEMENT REHAB & LIGHTING
DATE APRIL 2025

EROSION & SEDIMENT CONTROL PLAN - DETAILS - SHEET 3

LAGRANGE - CALLAWAY AIRPORT (LGC) LAGRANGE, GA

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706-722-4114 Job No. - 19024029.01

DRAWN BY: KRT DESIGNED BY: KRT REVIEWED BY: AWB QUANTITIES CHECKED BY: AKM

SHEET 96/96 DRAWING NO. EC-21