

## GENERAL NOTES - RESURFACING

1. ALL REFERENCES IN THIS DOCUMENT, WHICH INCLUDES ALL PAPERS, WRITINGS, DOCUMENTS, DRAWINGS, OR PHOTOGRAPHS USED, OR TO BE USED, IN CONNECTION WITH THIS DOCUMENT, TO THE STATE HIGHWAY DEPARTMENT OF GEORGIA, STATE HIGHWAY DEPARTMENT, GEORGIA STATE HIGHWAY DEPARTMENT, HIGHWAY DEPARTMENT, OR DEPARTMENT WHEN THE CONTEXT THEREOF MEANS THE STATE HIGHWAY DEPARTMENT OF GEORGIA, SHALL BE DEEMED TO MEAN, THE DEPARTMENT OF TRANSPORTATION.
2. THE DATA, TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS, OR IN ANY WAY INDICATED THEREBY, WHETHER BY DRAWINGS OR NOTES, OR IN ANY OTHER MANNER, ARE BASED UPON FIELD INVESTIGATIONS AND ARE BELIEVED TO BE INDICATIVE OF ACTUAL CONDITIONS. HOWEVER, THE SAME ARE SHOWN AS INFORMATION ONLY, ARE NOT GUARANTEED AND DO NOT BIND THE DEPARTMENT OF TRANSPORTATION IN ANY WAY. THE ATTENTION OF THE BIDDER IS SPECIFICALLY DIRECTED TO SECTIONS 102.04, 102.05, AND 104.03 OF THE SPECIFICATIONS.
3. SELECTED GEORGIA STANDARDS HAVE BEEN ADDED TO THE PLANS FOR THE CONTRACTOR'S USE AND INFORMATION. STANDARDS AND DETAILS ARE AVAILABLE FOR DOWNLOAD AT [HTTP://MYDOCS.DOT.GA.GOV/INFO/GDOTPUBS/CONSTRUCTIONSTANDARDSANDDETAILS/FORMS/ALLITEMS.ASPX](http://mydocs.dot.ga.gov/info/gdotpubs/constructionstandardsanddetails/forms/allitems.aspx)
4. PERFORM ALL PATCHING AS DIRECTED BY THE ENGINEER, PRIOR TO LEVELING AND RESURFACING OPERATIONS. COMPLETE ALL REMOVAL AND PATCHING OPERATIONS WITHIN THE SAME DAY THEY ARE BEGUN.
5. CONSTRUCTION WASTE OR DEBRIS SHALL BE PREVENTED FROM BEING ALLOWED TO FALL OR BE PLACED INTO THE EXISTING WATERWAYS. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE OVERALL BID PRICE OF THE PROJECT.
6. ALL DRAINAGE STRUCTURES WITHIN THE LIMITS OF THE PROJECT WILL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. ANY DEBRIS THAT GOES IN DRAINAGE STRUCTURES AS A RESULT OF THE MILLING AND INLAY OPERATIONS WILL BE CLEANED OUT AT NO ADDITIONAL COST TO THE CITY.
7. RESTRIPE ALL EXISTING ROADWAY AS INDICATED WITHIN THESE PLANS. RESTRIPE ALL EXISTING ROADWAY MARKINGS ON SIDE ROADS TO THE END OF THE NEW RESURFACED SECTION. ALSO, RESTRIPE OR PAINT (WHERE NOT EXISTING) STOP BARS AT ALL PAVED SIDE ROADS AND STREETS.
8. TEMPORARY STRIPING IS REQUIRED IN ACCORDANCE WITH SECTION 150.04 OF THE GEORGIA SPECIFICATIONS. PLACEMENT OF PERMANENT PAVEMENT MARKINGS SHALL NOT BEGIN UNTIL FINAL SURFACE COURSE HAS BEEN COMPLETED FOR FIFTEEN (15) CALENDAR DAYS AND WILL BE COMPLETED WITHIN FORTY FIVE (45) CALENDAR DAYS AFTER THE FINAL SURFACE COURSE HAS BEEN COMPLETED. FAILURE TO PLACE PERMANENT PAVEMENT MARKINGS AS SPECIFIED WILL RESULT IN LIQUIDATED DAMAGES TO BE ASSESSED IN ACCORDANCE WITH SUBSECTION 108.08 OF THE SPECIFICATIONS.
9. THIS PROJECT DOES NOT REQUIRE A NOI.
10. THE CONTRACTOR SHALL PROTECT ALL MANHOLES AND VALVES WITHIN THE LIMITS OF MILLING & INLAY IN PLACE. SEE TEMPORARY ASPHALT APRON DETAIL SHOWN ON THE TYPICAL SECTIONS FOR PROTECTION AFTER MILLING OPERATIONS HAVE TAKEN PLACE.

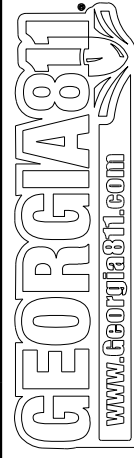
11. THE CONTRACTOR SHALL CLEAR ANY GRASS EXTENDING INTO THE ROADWAY, TO A POINT 1 FOOT BEHIND THE EXISTING EDGE OF PAVEMENT. CONTRACTOR SHALL CONTACT THE TOWN OF TYRONE, PRIOR TO BEGINNING CLEARING AND GRUBBING OPERATIONS. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE BID PRICE OF GRADING COMPLETE.
12. THE CONTRACTOR SHALL PROTECT THE EXISTING CURB IN PLACE.
12. WHERE APPLICABLE, CONTRACTOR SHALL ENSURE TOP OF FINISHED ASPHALT SURFACE COURSE IS FLUSH/LEVEL WITH EDGE OF CONCRETE GUTTER.
14. THE CONTRACTOR SHALL PERFORM ALL WORK BETWEEN 8:00 AM AND 6:00 PM. NO NIGHT WORK IS PERMITTED.
15. MILLED AREAS WILL BE COVERED WITH FINAL SURFACE COURSE WITHIN THREE (3) CALENDAR DAYS OF BEING MILLED. CONTRACTOR SHALL ENSURE ALL PROPER SIGNAGE IS INSTALLED AND DISPLAYED DURING CONSTRUCTION.
16. THE CONTRACTOR SHALL ENSURE THAT POSITIVE DRAINAGE IS MAINTAINED DURING ALL STAGES OF CONSTRUCTION SO THAT WATER DOES NOT POND ON THE ROADWAY.
17. THE CONTRACTOR SHALL ENSURE THAT THE FINAL HORIZONTAL ROADWAY CROWN LOCATION IS THE SAME AS THE EXISTING CROWN HORIZONTAL LOCATION.
18. WHERE APPLICABLE, CONTRACTOR SHALL ENSURE SMOOTH TRANSITION AROUND MANHOLES AND VALVES, TOP OF FINISHED ASPHALT SURFACE COURSE SHALL BE FLUSH/LEVEL WITH MANHOLES AND VALVES.
19. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE DEPARTMENT OF TRANSPORTATION OF GEORGIA STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF ROADS AND BRIDGES, 2021 (OR LATEST) EDITION AND SUPPLEMENTAL THERETO, AS PROVIDED BY THE FEDERAL HIGHWAY ADMINISTRATION.
20. UTILITY WORK COORDINATION WILL BE REQUIRED AS A PART OF THIS CONTRACT. THE CONTRACTOR SHALL BE REQUIRED TO USE THE ONE-CALL CENTER TELEPHONE NUMBER, 811 OR 1-800-282-7411, FOR THE PURPOSE OF COORDINATING THE MARKING OF UNDERGROUND UTILITIES. THE CONTRACTOR'S ATTENTION IS CALLED TO SUB-SECTION 105.06 OF THE GDOT STANDARD SPECIFICATIONS \*COOPERATION WITH UTILITIES.\*
21. THE CONTRACTOR SHALL ENSURE THAT POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT NOT BE LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED, OR REGRADING AS REQUIRED BY THE ENGINEER, EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS IN THE PLANS AND HAVING SPECIFIC PAY ITEMS IN THE DETAILED ESTIMATE. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COSTS INCURRED TO COMPLY WITH THIS REQUIREMENT.
22. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO OR CONCURRENT WITH LAND DISTURBANCE ACTIVITIES AND SHALL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED IF DEEMED NECESSARY BY ONSITE INSPECTION OR AS DIRECTED BY THE ENGINEER.
23. AREAS OF DEEP PAVEMENT PATCHING HAVE BEEN IDENTIFIED IN THE PLANS. IN THE EVENT MILLING OPERATIONS EXPOSE ROADWAY BASE, CONTRACTOR IS RESPONSIBLE FOR REPLACING BASE. PAYMENT SHALL BE INCLUDED IN PAY ITEM 210-0100 GRADING COMPLETE.

24. CONTRACTOR IS RESPONSIBLE FOR DEVELOPING MIX DESIGN FOR ROADWAY(S) TO DETERMINE APPROPRIATE CEMENT CONTENT COMPARED TO EXISTING ASPHALT, BASE, AND SOIL. CONTRACTOR SHALL COORDINATE THIS INFORMATION WITH TOWN OF TYRONE FOR APPROVAL. PAYMENT FOR MIX DESIGNS SHALL BE INCLUDED IN PAY ITEM 315-1010 OR 315-1012, WHICHEVER IS APPLICABLE FOR THAT CORRIDOR. REFER TO THE REPORT OF LIMITED GEOTECHNICAL EXPLORATION (DATED 01-29-2024) PROVIDED IN THE BID PACKAGE FOR MORE DETAILS. SEE TABLE BELOW SHOWING RECOMMENDED MINIMUM FDR FLEXIBLE PAVEMENT SECTION BELOW.

Material Designation	Recommended Residential FDR Thickness (in.)	Recommended Tyrone Road FDR Thickness (in.)
Asphalt Surface Course (9.5 mm Type II Superpave)	2	2
Asphalt Surface Course (19 mm Type II Superpave)	N/A	4
Full Depth Reclamation (FDR)	10	12

SOURCE: ECS - REPORT OF LIMITED GEOTECHNICAL EXPLORATION (DATED 01-29-2024)

25. CONTRACTOR SHALL ENSURE THAT ALL ASPHALT SURFACES ARE FLUSH WITH TOP OF GUTTER WHERE APPLICABLE.
26. CONTRACTOR SHALL BE AWARE OF ALL PRESENT OVERHEAD UTILITY LINES. IT IS IMPORTANT TO NOTE THAT SOME OF THE OVERHEAD UTILITY INFRASTRUCTURE MIGHT BE LOWER THAN REQUIRED, THEREFORE, POTENTIALLY RESTRICTING CLEARANCE FOR LARGE EQUIPMENT AND/OR DUMP TRUCKS. CONTRACTOR IS RESPONSIBLE FOR MEASURING AND MARKING THESE LINES, AS/IF NEEDED.
27. CONTRACTOR SHALL ENSURE A SMOOTH DRIVEWAY TIE-IN.
28. FOR AREAS OF DEEP PAVEMENT PATCHING ALONG FOXFORD RUN AND/OR LAURELWOOD DRIVE, THE CONTRACTOR SHALL BE MINDFUL OF MILLING MACHINE SIZE NEEDED. NO ADDITIONAL PAYMENT SHOULD BE APPLIED FOR SMALLER VERSUS LARGER MACHINES.
29. CONTRACTOR SHALL BE AWARE OF THE CROSS DRAIN REPLACEMENT PROJECT THAT WILL COMMENCE AND FINISH CONSTRUCTION PRIOR TO THIS PROJECT. THOSE LOCATIONS ARE SHOWN FOR REFERENCE WITHIN THIS PLAN SET. CONTRACTOR SHALL CONFIRM COMPLETION WITH THE TOWN OF TYRONE AT THE PROJECT PRE-CONSTRUCTION MEETING.
30. ALL DISTURBED AREAS ALONG EDGE OF PAVEMENT, EQUIPMENT STAGING AREAS, DRAINAGE V-DITCH (SHEET 13-0019), AND/OR OTHER AREAS SHALL BE SODDED AFTER CONSTRUCTION ACTIVITIES. SOD SHALL MATCH EXISTING AND BE INSTALLED IN KIND.



Know what's below.  
Call before you dig.



### REVISION DATES

03/13/24

### GENERAL NOTES

TOWN OF TYRONE  
2024 ASPHALT RESURFACING

CHECKED:	DATE:
BACKCHECKED:	DATE:
CORRECTED:	DATE:
VERIFIED:	DATE:

DRAWING NO.  
**04-0001**

### GENERAL NOTES SIGNING AND PAVEMENT MARKING

1. ALL SIGNS AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (MUTCD), LATEST EDITION, AND ANY APPLICABLE GOOT STANDARDS/SPECIFICATIONS.
2. ALL INSTALLATION MATERIALS AND METHODS SHALL COMPLY WITH CURRENT GEORGIA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS AND/OR SPECIAL PROVISIONS.
3. ALL PAVEMENTS MARKINGS SHALL BE THERMOPLASTIC, OR PREFORMED PLASTIC CONTRAST TAPE ON CONCRETE SURFACES, UNLESS OTHERWISE NOTED.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL SIGNS/POSTS/PAVEMENT MARKINGS THAT ARE DUPLICATED OR CONTRARY TO THESE PLANS.

CORRIDORS	AREA (SY)
LAURELWOOD DRIVE	8262
FOX FORD RUN	4956
RIDGE ROAD	6822
LAUREL LAKE ROAD	3727
STRAWBERRY LANE	1429
TYRONE ROAD	720

### CSX RAILROAD GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE WITH CSX RAILROAD AND RAILPROS FOR RAILROAD FLAGGER TO BE PRESENT ON SITE WHEN WORKING ON TYRONE ROAD, WITHIN RAILROAD RIGHT OF WAY. XXXXX
2. CONTRACTOR SHALL ENSURE ALL INSURANCE REQUIREMENTS ARE MET FOR WORKING IN CSX RAILROAD RIGHT OF WAY. XXXXX



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03/13/24

**GENERAL NOTES**  
TOWN OF TYRONE  
2024 ASPHALT RESURFACING

CHECKED:	DATE:	DRAWING NO.
BACKCHECKED:	DATE:	04-0002
CORRECTED:	DATE:	
VERIFIED:	DATE:	

# SUMMARY OF QUANTITIES

ROADWAY QUANTITIES									
DESCRIPTION	315-1012 STABILIZED BASE COURSE, 12 IN INCL MATERIAL	315-1010 STABILIZED BASE COURSE, 10 IN INCL MATERIAL	402-3103 RECYCLED ASPH CONC 9.5 MM SUPERRAVE, TYPE II, GP 2 ONLY INCL BITUM MATL & H LIME	402-3190 RECYCLED ASPH CONC 19 MM SUPERRAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	402-3121 RECYCLED ASPH CONC 25 MM SUPERRAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	432-0206 MILL ASPH CONC PVMT, 1 1/2 IN DEPTH	413-0750 TACK COAT	315-1000 PORTLAND CEMENT	UNIT
OVERALL QUANTITY	585	19,691	465	249	124	684	339	558	TN
<u>CORRIDORS</u>									
LAURELWOOD DRIVE	-	7713	45	121	12	549	33	212	TN
FOXFORD RUN	-	-	409	-	109	-	298	-	
RIDGE ROAD	-	6822	-	-	-	-	-	188	
LAUREL LAKE ROAD	-	3727	-	-	-	-	-	102	
STRAWBERRY LANE	-	1429	-	-	-	-	-	39	
TYRONE ROAD	585	-	11	129	3	135	8	16	

## BID ALTERNATE #1

231-1250 MISCELLANEOUS CONSTRUCTION
EA
1

## SIGNING AND MARKING ITEMS

PAY ITEM	DESCRIPTION	UNITS	TOTAL QTY	LAURELWOOD DRIVE	FOXFORD RUN	RIDGE ROAD	LAUREL LAKE ROAD	STRAWBERRY LANE	TYRONE ROAD
653-0100	THERMOPLASTIC PVMT MARKING, RR/HWY CROSSING SYMBOL	EA	1	-	-	-	-	-	1
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LF	495	-	-	-	-	-	495
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	LF	902	300	100	100	100	100	202
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	88	32	10	10	10	14	12
653-6006	THERMOPLASTIC TRAF STRIPING, YELLOW	SY	60	-	-	-	-	-	60
654-1001	RAISED PVMT MARKERS TP 1	EA	48	12	4	4	4	4	20



REVISION DATES	
03/13/24	

CHECKED:		DATE:
BACKCHECKED:		DATE:
CORRECTED:		DATE:
VERIFIED:		DATE:

**SUMMARY QUANTITIES**  
TOWN OF TYRONE  
2024 ASPHALT RESURFACING

DRAWING NO.  
**06-0001**