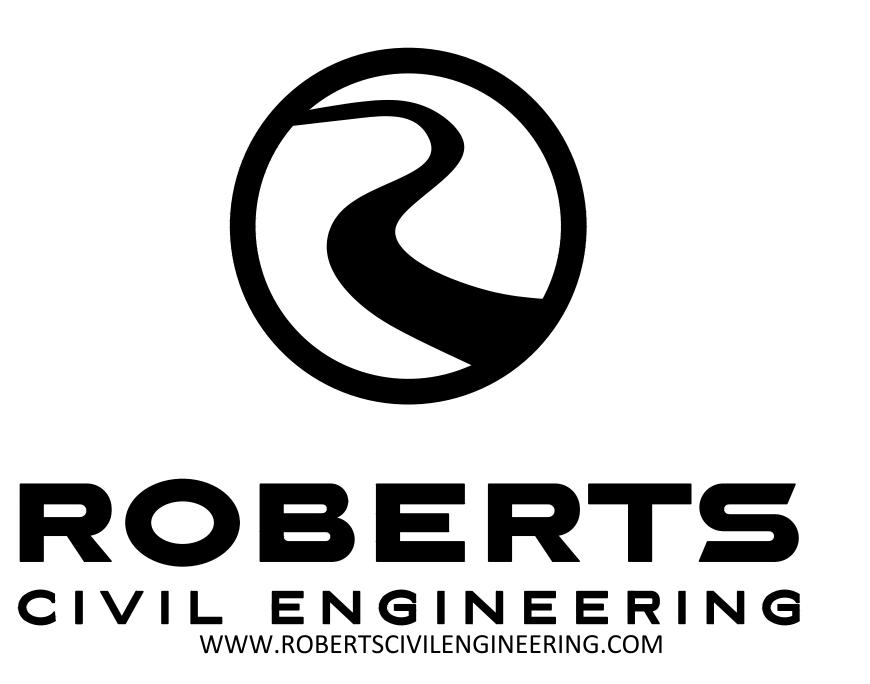
SITE CONSTRUCTION PLANS

SAND HILL COMPLEX, DRIVEWAY ENHANCEMENTS, EFFINGHAM COUNTY

PREPARED FOR:
EFFINGHAM COUNTY COMMISSIONERS,
804 SOUTH LAUREL STREET, SPRINGFILED,
GEORGIA 31329





VICINITY MAP

SAND HILL COMPLEX, DRIVEWAY

ENHANCEMENTS, **EFFINGHAM** COUNTY

REVISIONS

CONTENTS

EXISTING CONDITIONS AND DEMOLISHING PLAN

SWEPT PATH ANALSIS SINGLE UNITE TRUCK

SWEPT PATH ANALYSIS PASSENGER CAR

OWNER

ANGELA STANLEY

11/8/22: ORIGINAL ISSUE DATE

COVER

GENERAL NOTES

STAKING PLAN

TYPICAL SECTION

SHEET

0

1

2

3

5

6

NTS

ENGINEER

JOHNATHAN ROBERTS

CONTACT 912/638-968

RCE PROJECT NUMBER: 00000

DATE

11/8/22

11/8/22

11/8/22

11/8/22

11/8/22

11/8/22

11/8/22

GENERAL NOTES:

- CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO APPLICABLE FEDERAL, STATE, AND LOCAL LAWS.
- 2. PERMITS NECESSARY FOR CONSTRUCTION SHALL BE OBTAINED BY CONTRACTOR.
- 3. DEVIATIONS FROM PLANS ARE PROHIBITED WITHOUT WRITTEN CONSENT OF THE ENGINEER.
- 4. CONTRACTOR IS TO IMMEDIATELY CONTACT ENGINEER IF ANY UNFORESEEN CONDITIONS OR DISCREPANCIES OCCUR.
- 5. CONTRACTOR SHALL COORDINATE CONSTRUCTION OF UTILITIES ON SITE WITH APPROPRIATE PROVIDER (I.E., POWER, PHONE, CABLE, ETC.).
- 6. ENGINEER IS NOT RESPONSIBLE FOR PHYSICAL CONSTRUCTION OF SITE.
- 7. CONTRACTOR SHALL MAINTAIN A SAFE SITE AND MEET APPROPRIATE REGULATIONS CONCERNING SAFETY.
- 8. SURVEY DATA PROVIDED BY ATLAS SURVEYING.
- A. DATE OF SURVEY MARCH 2022
- 9. EXISTING SURVEY INFORMATION TO BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR TO NOTIFY ENGINEER OF DISCREPANCIES IN FIELD OBSERVATIONS VERSUS SURVEY DATA.
- 10. CONTRACTOR TO LOCATE UTILITIES PRIOR TO CONSTRUCTION BY CALLING "CALL BEFORE YOU DIG" HOTLINE: 811.
- 11. HORIZONTAL DATUM BASED ON GEORGIA STATE PLANE COORDINATE SYSTEM, EAST ZONE NAD83. VERTICAL DATUM BASED ON NAVD88.

EARTHWORK AND PAVING:

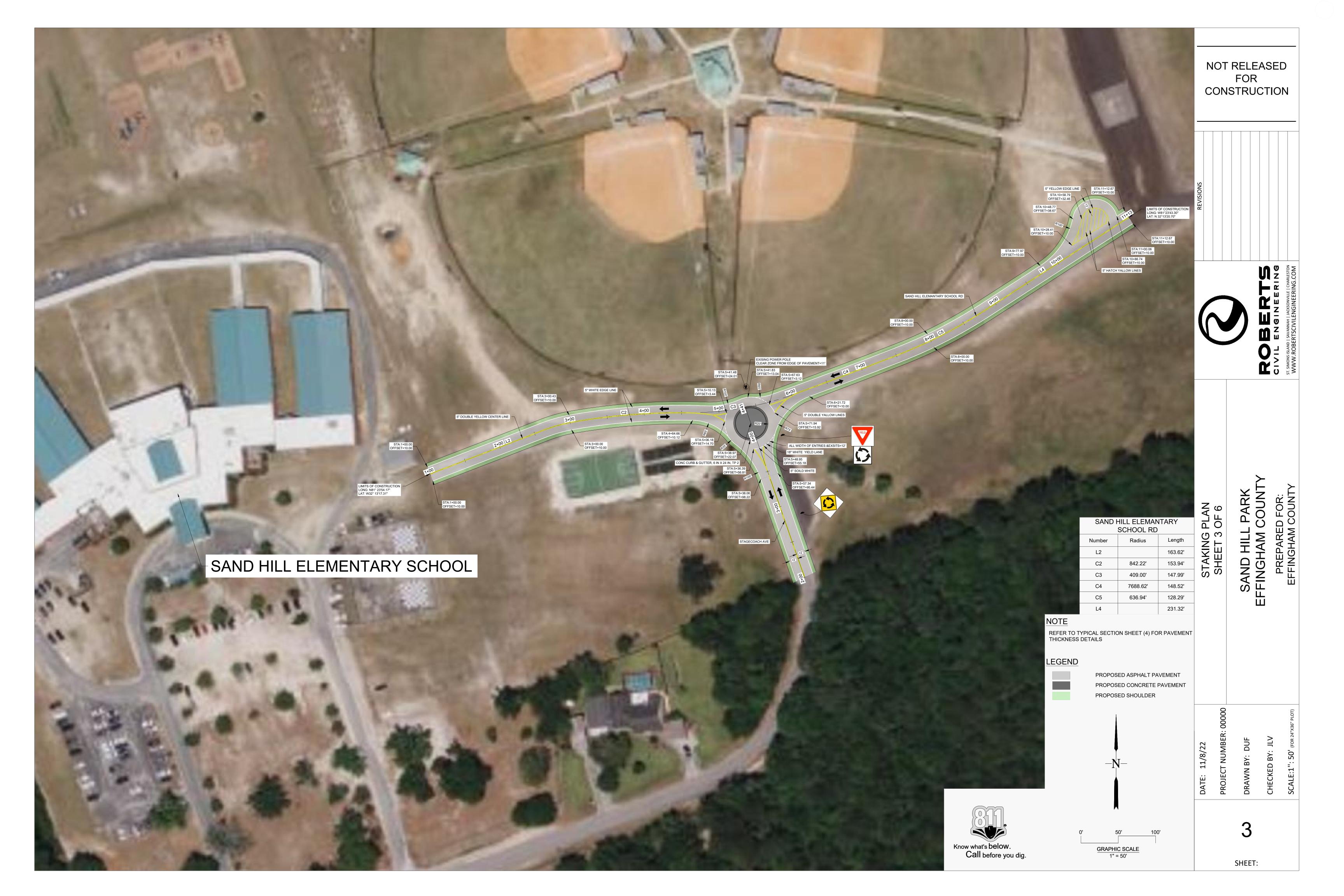
- 1. UPPER 6 INCHES OF SUBGRADE BELOW PAVEMENT AND BUILDINGS SHALL BE SCARIFIED AND RECOMPACTED TO 100% STANDARD PROCTOR MAX DRY WEIGHT DENSITY WITH A MOISTURE CONTENT WITHIN 2% OF OPTIMUM MOISTURE CONTENT.
- 2. CONTRACTOR TO PROVIDE TEST RESULTS OF SUBGRADE AND BASE COURSE COMPACTION TO ENGINEER INCLUDING VOLUME ESTIMATES OF ANY UNSUITABLE SOILS TO BE REMOVED AND REPLACED THAT WERE IDENTIFIED DURING COMPACTION OPERATIONS PER ITEM NO. 1 ABOVE, IF ANY. CONTRACTOR SHALL NOT PROCEED WITH OVER-EXCAVATION AND REPLACEMENT OF UNSUITABLE SOILS WITHOUT WRITTEN AUTHORIZATION FROM ENGINEER OR OWNER.
- 3. FOR APPROVED AREAS OF OVER-EXCAVATION AND REPLACEMENT, CONTRACTOR TO REMOVE IDENTIFIED UNSUITABLE MATERIAL TO A DEPTH OF 3 FEET AND REPLACE WITH STRUCTURAL FILL.
- 4. IN AREAS WHERE STRUCTURAL FILL IS REQUIRED, FILL SHALL BE PLACED IN LIFTS OF 6 INCHES AND BE COMPACTED TO 100% STANDARD PROCTOR MAX DRY WEIGHT DENSITY. STRUCTURAL FILL SHALL CONSIST OF GRANULAR SOIL CONTAINING LESS THAN 10% MATERIAL PASSING THE NO 200 SIEVE
- 5. GRADING COMPLETE IS TO INCLUDE THE LAY OUT OF ALL REQUIRED PROPOSED CONSTRUCTION.

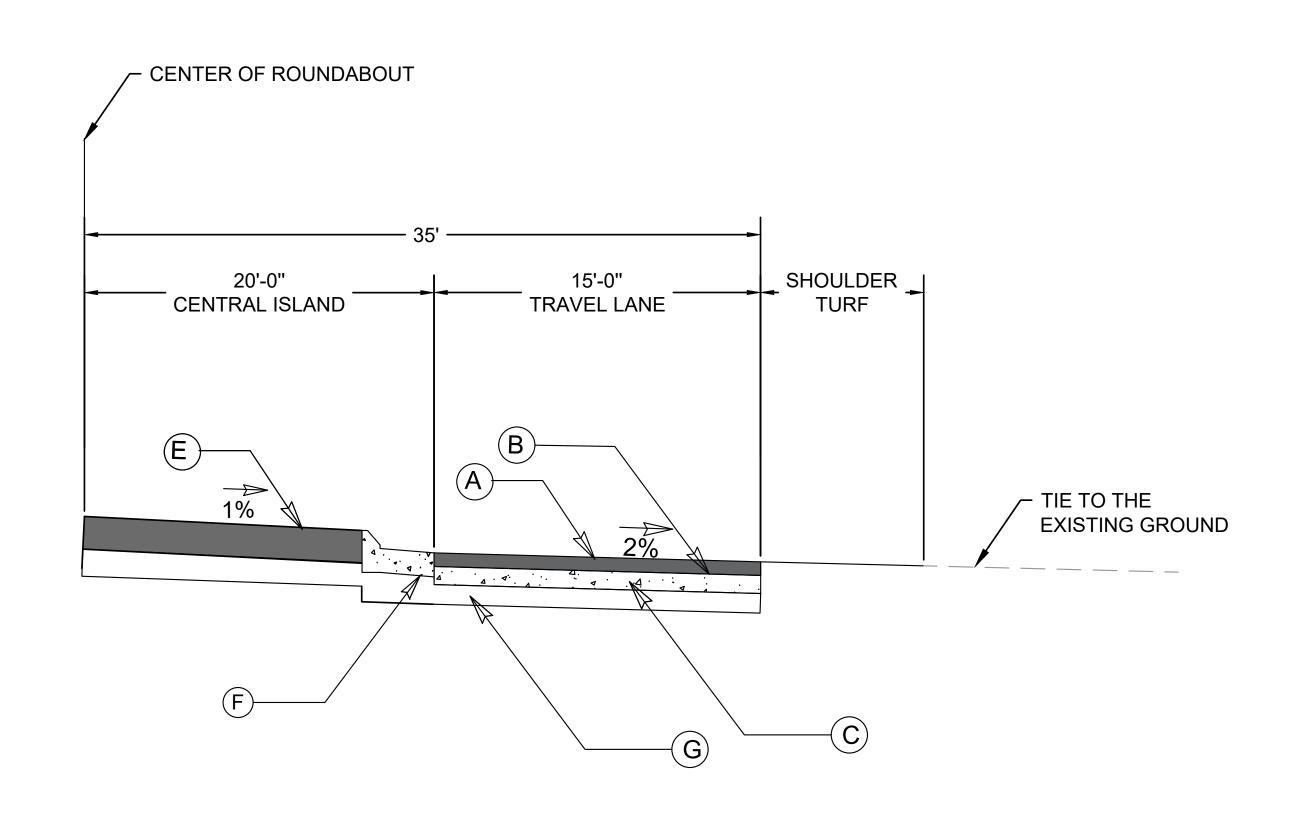
COUNTY:	EFFINGHAM COUNTY	PROJECT NUMBER:			****	
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	
000-0000	THERMOPLASTIC HATCH SOLID TRAF STRIPE, 5 IN, YELLOW	SY	119			
000-0001	SIGNAGE	EA	3			
402-3141	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL	TN	344			
402-3190	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL& H LIME	TN	409			
310-5063	GR AGGR BASE CRS, 6 INCH, INCL MATL - IP	SY	792			
441-0764	CONCRETE MEDIAN, 10 IN	SY	140			
441-6012	CONC CURB & GUTTER, 6 IN X 24 IN, TP 2	LF	145			
413-1000	BITUM TACK COAT	GL	215			
706-1001	TURF ESTABLISHMENT, TP A	AC	0.3			
210-0200	GRADING PER MILE	LM	0.24			
652-0110	PAVEMENT MARKING, ARROW	EA	6			
652-2501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LF	2,676			
653-1604	THERMOPLASTIC SOLID TRAF STRIPE, 18 IN, WHITE	LF	75			
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	LF	2569			
			GRAND TOTAL:			

NOT RELEASED CONSTRUCTION SAND HILL PARK EFFINGHAM COUNTY PROJECT NUMBER: 00000 CHECKED BY: JLV DRAWN BY: DUF

SHEET:

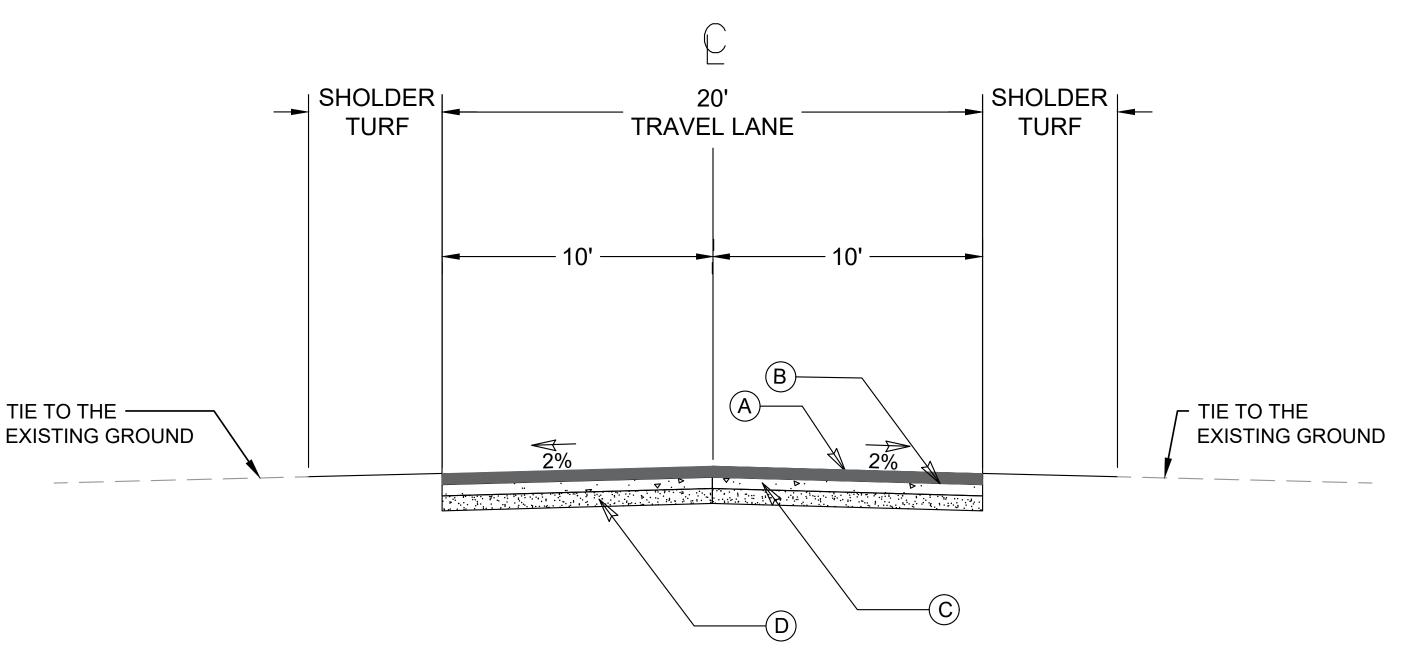




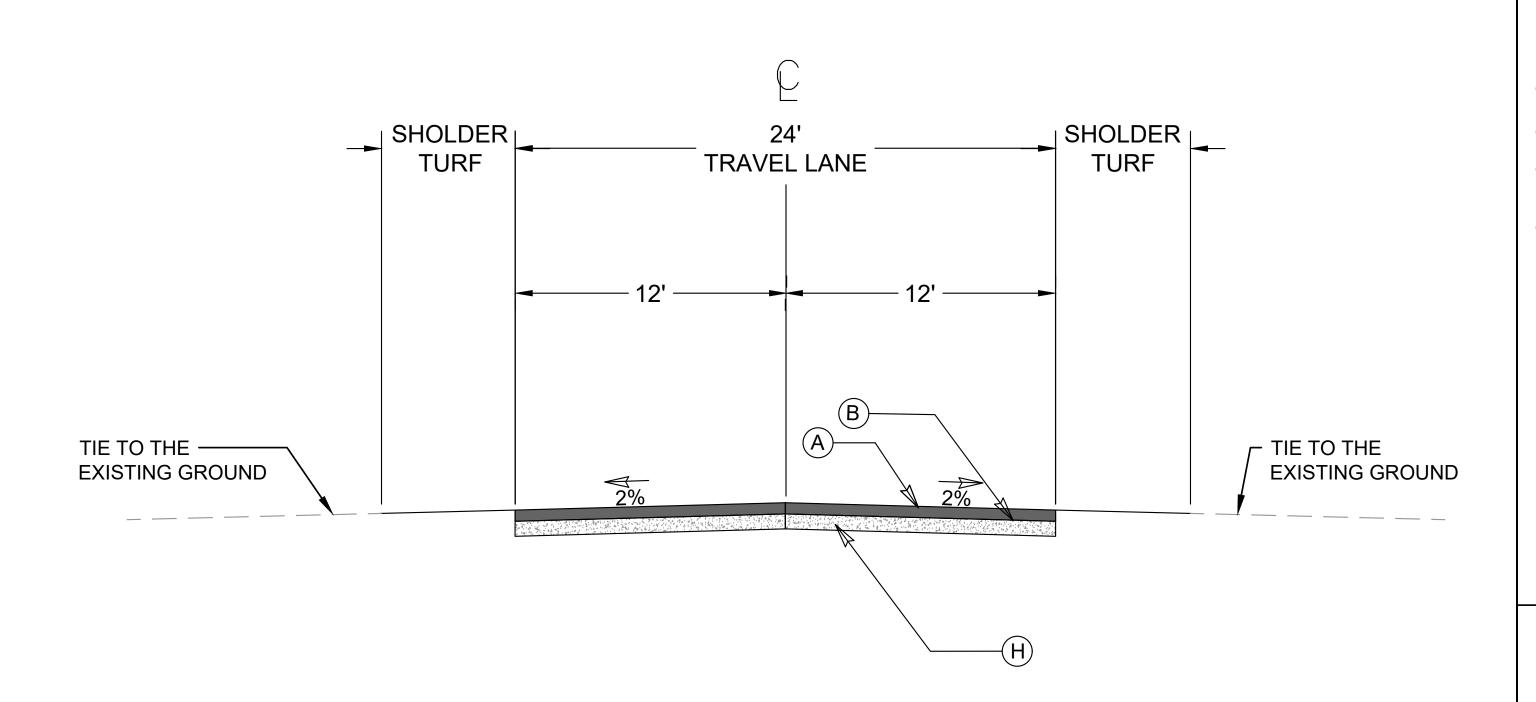


TYPICAL GRADE, BASE & SURFACE SECTION FOR MINI ROUNDABOUT

- (A) 1.5" RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL
- B TACK COAT
- (C) 2" ASPHALT BINDER COURSE 19 MM SUPERPAVE
- (D) 1.5" EXISTING SAND ASPHALT
- (E) CONCRETE MEDIAN, 10 IN
- (F) CONC CURB & GUTTER, 6 IN X 24 IN, TP 2
- G 6" CRUSHED CONCRETE OR GARDED AGGREGATE BASE COMPACTED TO 100% STANDARD PROCTOR MAXIMUM DRY WEIGHT DENSITY
- (H) EXISTING PAVEMENT



TYPICAL GRADE, BASE & SURFACE SECTION SAND HILL ELEMANTARY SCHOOL RD FROM 1+00.00 TO 5+10.00 & FROM 5+66.00 TO 11+13.00 NTS

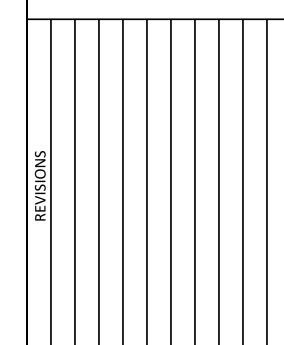


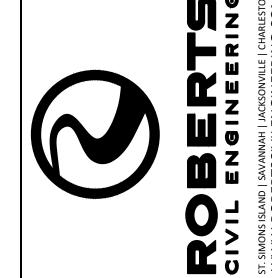
TYPICAL GRADE, BASE & SURFACE RESURFACING SECTION STAGECOACH AVE

FROM 2+00.00 TO 3+84.00



NOT RELEASED FOR CONSTRUCTION





SAND HILL PARK
EFFINGHAM COUNTY

OJECT NUMBER: 00000 AWN BY: DUF

4

SHEET:



