NCDOT GEOTECHNICAL ENGINEERING UNIT
BORELOG REPORT

WBS 34352.1.1	**TIP** R-0623	**COUNTY** MONTGOMERY	**GEOLOGIST** Hvozdik, J
SITE DESCRIPTION Dual Bridges on -L- over Little River			**GROUND WTR (ft)**
BORING NO. EB2-A LL	**STATION** 340+86	**OFFSET** 55 ft LT	**ALIGNMENT** -L- / **0 HR.** 11.0
COLLAR ELEV. 384.5 ft	**TOTAL DEPTH** 28.8 ft	**NORTHING** 586,199	**EASTING** 1,746,235 / **24 HR.** FIAD
DRILL RIG/HAMMER EFF./DATE AME9553 CME-550X 83% 05/04/2012		**DRILL METHOD** H.S. Augers	**HAMMER TYPE** Automatic
DRILLER Cutter, R	**START DATE** 07/26/13	**COMP. DATE** 07/26/13	**SURFACE WATER DEPTH** N/A

ELEV (ft)	DRIVE ELEV (ft)	DEPTH (ft)	BLOW COUNT 0.5ft	0.5ft	0.5ft	BLOWS PER FOOT 0 25 50 75 100	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION ELEV. (ft)	DEPTH (ft)
385										384.5 GROUND SURFACE	0.0
	383.5	1.0	2	2	2	4		M		**ALLUVIAL** DARK BROWN, SILTY CLAY (A-7) WITH TRACE ORGANICS (ROOTS)	
380	381.0	3.5	WOH	1	2	3		M			
	378.5	6.0	WOH	WOH	WOH	0		M			
375	376.0	8.5	WOH	WOH	WOH	0		M			
370	371.0	13.5	5	10	38	48		W		371.5 ORANGE-BROWN, SILTY GRAVELLY SAND (A-2-4) WITH QUARTZ GRAVEL	13.0
										369.0 **WEATHERED ROCK** ORANGE-BROWN AND PALE BLUE-GREEN, METAVOLCANIC (FELSIC) TUFF	15.5
365	366.0	18.5	100/0.3			100/0.3					
360	361.0	23.5	100/0.3			100/0.3					
	356.0	28.5	100/0.3			100/0.3				355.7 Boring Terminated at Elevation 355.7 ft IN WR: METAVOLCANIC (FELSIC) TUFF	28.8

WBS 34352.1.1	**TIP** R-0623	**COUNTY** MONTGOMERY	**GEOLOGIST** Hvozdik, J
SITE DESCRIPTION Dual Bridges on -L- over Little River			**GROUND WTR (ft)**
BORING NO. EB2-B RL	**STATION** 341+21	**OFFSET** 41 ft RT	**ALIGNMENT** -L- / **0 HR.** N/A
COLLAR ELEV. 404.7 ft	**TOTAL DEPTH** 47.0 ft	**NORTHING** 586,097	**EASTING** 1,746,221 / **24 HR.** FIAD
DRILL RIG/HAMMER EFF./DATE AME9553 CME-550X 83% 05/04/2012		**DRILL METHOD** H.S. Augers	**HAMMER TYPE** Automatic
DRILLER Cutter, R	**START DATE** 07/19/13	**COMP. DATE** 07/19/13	**SURFACE WATER DEPTH** N/A

ELEV (ft)	DRIVE ELEV (ft)	DEPTH (ft)	BLOW COUNT 0.5ft	0.5ft	0.5ft	BLOWS PER FOOT 0 25 50 75 100	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION
405										404.7 GROUND SURFACE 0.0
										403.5 14" ASPHALT PAVEMENT 1.2
										402.9 8" CONCERETE 1.8
	401.2	3.5	1	2	2	4		M		**ROADWAY EMBANKMENT** ORANGE-BROWN AND BROWN, MOTTLED, SILTY F. SAND (A-2-4)
400	398.7	6.0	2	2	1	3		M		399.2 ORANGE-BROWN, SANDY SILTY CLAY (A-7) 5.5
395	396.2	8.5	1	2	2	4		M		
390	391.2	13.5	1	2	2	4		M		
385	386.2	18.5	27	28	11	39		M		388.2 LIGHT BROWN AND GRAY, SILTY SAND (A-2-4) 16.5
380	381.2	23.5	1	2	1	3		W		380.7 **ALLUVIAL** DARK GRAY, SANDY CLAY (A-6) WITH TRACE ORGANICS 24.0
375	376.2	28.5	WOH	WOH	WOH	0		W		377.7 DARk GRAY, SILTY SAND (A-2-4) 27.0
370	371.2	33.5	14	18	25	43		W		372.7 BROWN, SANDY GRAVEL (A-1-a) 32.0
365	366.2	38.5	100/0.3			100/0.3				
360	361.2	43.5	60/0.0			60/0.0				363.7 **CRYSTALLINE ROCK** LIGHT BROWN, METAVOLCANIC (FELSIC) TUFF 41.0
	357.7	47.0	60/0.0			60/0.0				357.7 Boring Terminated WITH STANDARD PENETRATION TEST REFUSAL at Elevation 357.7 ft IN CR: METAVOLCANIC (FELSIC) TUFF 47.0