

TEST BORING NO. SB-01

LOCATION: WEST PARKWAY STREET

PHYSICAL REFERENCE: 20' NORTH OF EXISTING CULVERT CENTER LINE

PHYSICAL OFFSET: 21' EAST OF TOE OF THE WEST SIDE SIDEWALK

STATION: -

GROUND SURFACE ELEVATION: 605.0 FT

BORING DATE: 9/11/17

DEPTH (FT)	SOIL DESCRIPTION	PP	UCS	MC	DD
605.00					
604.40	7.5 INCHES OF PORTLAND CEMENT CONCRETE				
602.50	FILL - DENSE POORLY GRADED FINE TO COARSE SAND, WITH GRAVEL, TRACE SILT, BROWN, MOIST (SP)				
602.00					
600.00	FILL - DENSE POORLY GRADED FINE SAND, WITH SILT, TRACE GRAVEL, BROWN, MOIST (SP-SM)				
599.50	FILL - SILTY FINE SAND, TRACE GRAVEL, DARK GRAY, MOIST (SM) (FIELD ENGINEER NOTED STRONG FOREIGN ODOR)				
598.50					
597.50	WATER TABLE AT 8' UPON COMPLETION ALTERNATING LAYERS OF SANDY LEAN CLAY AND CLAYEY FINE SAND, FEW GRAVEL, DARK GRAY, (CL) (SC) (OCCASIONAL ORGANIC SEAMS AND WOOD PIECES ABOVE 8 FEET) (FIELD ENGINEER NOTED STRONG FOREIGN ODOR)				
595.00					
594.00	VERY STIFF LEAN CLAY, TRACE SAND, TRACE GRAVEL, GRAY (CL)	6000*		24.2	
592.50					
592.00	VERY LOOSE SANDY SILT, TRACE GRAVEL, GRAY, MOIST (ML)				
590.00					
589.00					
585.00	STIFF TO VERY STIFF SANDY LEAN CLAY, TRACE GRAVEL, OCCASIONAL SAND PARTINGS, GRAY (CL)	3550	23.3	100	
580.00					
579.00		5500*		11.5	
575.00					
575.00	HARD LEAN CLAY, FEW SAND, TRACE GRAVEL, GRAY (CL)	9000*		11.5	
570.00					
570.00		9000*		11.2	
567.00					
566.25	EXTREMELY DENSE FINE GRAVEL, WITH SAND, TRACE SILT, GRAY, WET (GP)				

E.O.B. 38.75 FEET (EL. 566.25)
BORING TERMINATED AT SAMPLER AND AUGER REFUSAL.
POSSIBLE TOP OF BEDROCK

TEST BORING NO. SB-02

LOCATION: WEST PARKWAY STREET

PHYSICAL REFERENCE: 36' SOUTH OF EXISTING CULVERT CENTER LINE

PHYSICAL OFFSET: 36' EAST OF TOE OF THE WEST SIDE SIDEWALK

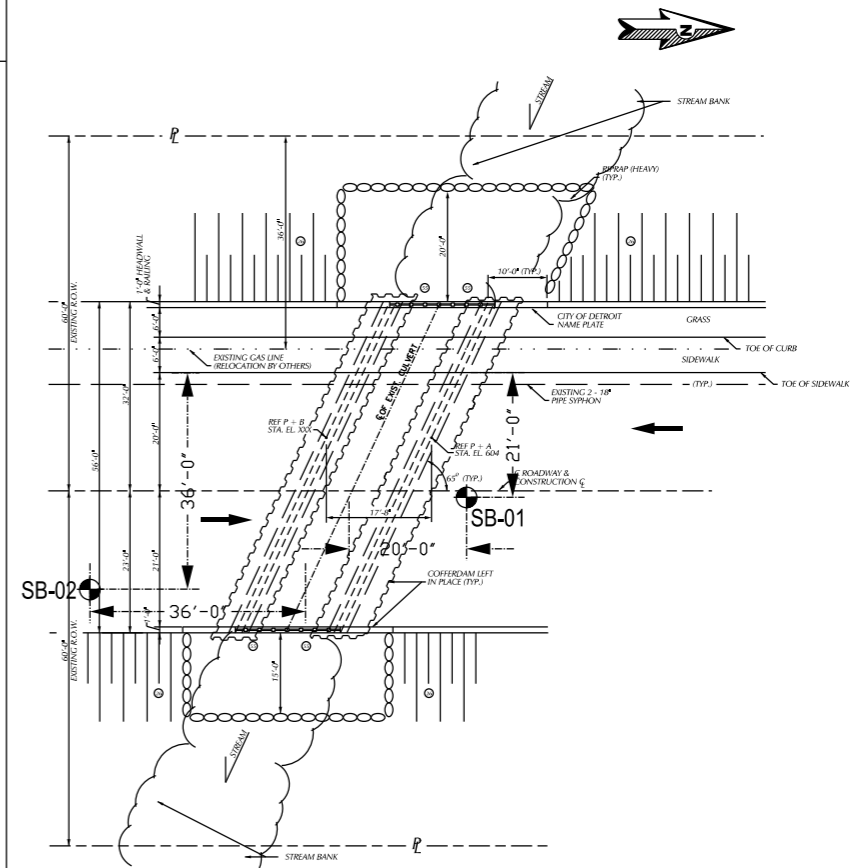
STATION: -

GROUND SURFACE ELEVATION: 605.0 FT

BORING DATE: 9/11/17

DEPTH (FT)	SOIL DESCRIPTION	PP	UCS	MC	DD
605.00					
604.30	8 INCHES OF PORTLAND CEMENT CONCRETE				
602.50	FILL - MEDIUM DENSE POORLY GRADED FINE TO COARSE SAND, WITH GRAVEL, BROWN, MOIST (SP)				
602.00					
600.00	FILL - DENSE SILTY FINE SAND, TRACE GRAVEL, BROWN AND DARK BROWN, MOIST (SM)				
599.50					
597.50	WATER TABLE AT 6.5' UPON COMPLETION				
595.00	FILL - MEDIUM DENSE POORLY GRADED FINE SAND, WITH SILT, TRACE GRAVEL, BROWN, MOIST (SP-SM)				
594.00					
592.50	FILL - MEDIUM DENSE SILTY FINE TO COARSE SAND, WITH GRAVEL, BROWN, WET (SM)				
592.00					
590.00	VERY SOFT LEAN CLAY, TRACE SAND, FREQUENTLY SILTY FINE SAND SEAMS, GRAY (CL)				
589.00					
585.00	STIFF LEAN CLAY, TRACE SAND, TRACE GRAVEL, GRAY (CL)	2690	25.3	103	
583.00					
580.00	STIFF SANDY LEAN CLAY, TRACE GRAVEL, OCCASIONAL SILTY FINE SAND SEAMS, GRAY (CL)	2500*		14.6	
578.00					
575.00	HARD LEAN CLAY, TRACE SAND, TRACE GRAVEL, GRAY (CL)	9000*		10.8	
573.00					
570.00	EXTREMELY DENSE SANDY SILT, FEW GRAVEL, TRACE CLAY, GRAY, WET (ML)				
568.00					
566.50	POORLY GRADED FINE TO MEDIUM SAND, TRACE SILT, TRACE GRAVEL, BROWN, WET (SP)				

E.O.B. 38.50 FEET (EL. 566.50)
BORING TERMINATED AT SAMPLER AND AUGER REFUSAL.
POSSIBLE TOP OF BEDROCK



SOIL BORING LOCATION PLAN

NUMBERS IN CIRCLES DENOTE NUMBER OF BLOWS REQUIRED TO DRIVE A 2" O.D. X 1.5" I.D. SPLIT SPOON SAMPLER 3 SUCCESSIVE 6" INCREMENTS USING A 140 LB HAMMER FALLING 30".

1st 6 in
2nd 6 in
3rd 6 in

PP = POCKET PENETROMETER, UNCONFINED COMPRESSIVE STRENGTH - TONS/SQ.FT (TSF)
UCS = LAB DETERMINED UNCONFINED COMPRESSIVE STRENGTH - TONS/SQ.FT (TSF)
MC = MOISTURE CONTENT - (%)
DD = DRY DENSITY - LBS/CU.FT (PCF)

REV#	DATE	DESCRIPTION

3031 W. Grand Blvd., Ste. 228
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CITY OF DETROIT
DEPARTMENT OF PUBLIC WORKS
CITY ENGINEERING DIVISION
WEST PARKWAY CULVERT REPLACEMENT
SOIL BORING LOG PLAN

ISSUED FOR:
DATE:
BY:
JOB NO.:
SHEET.: