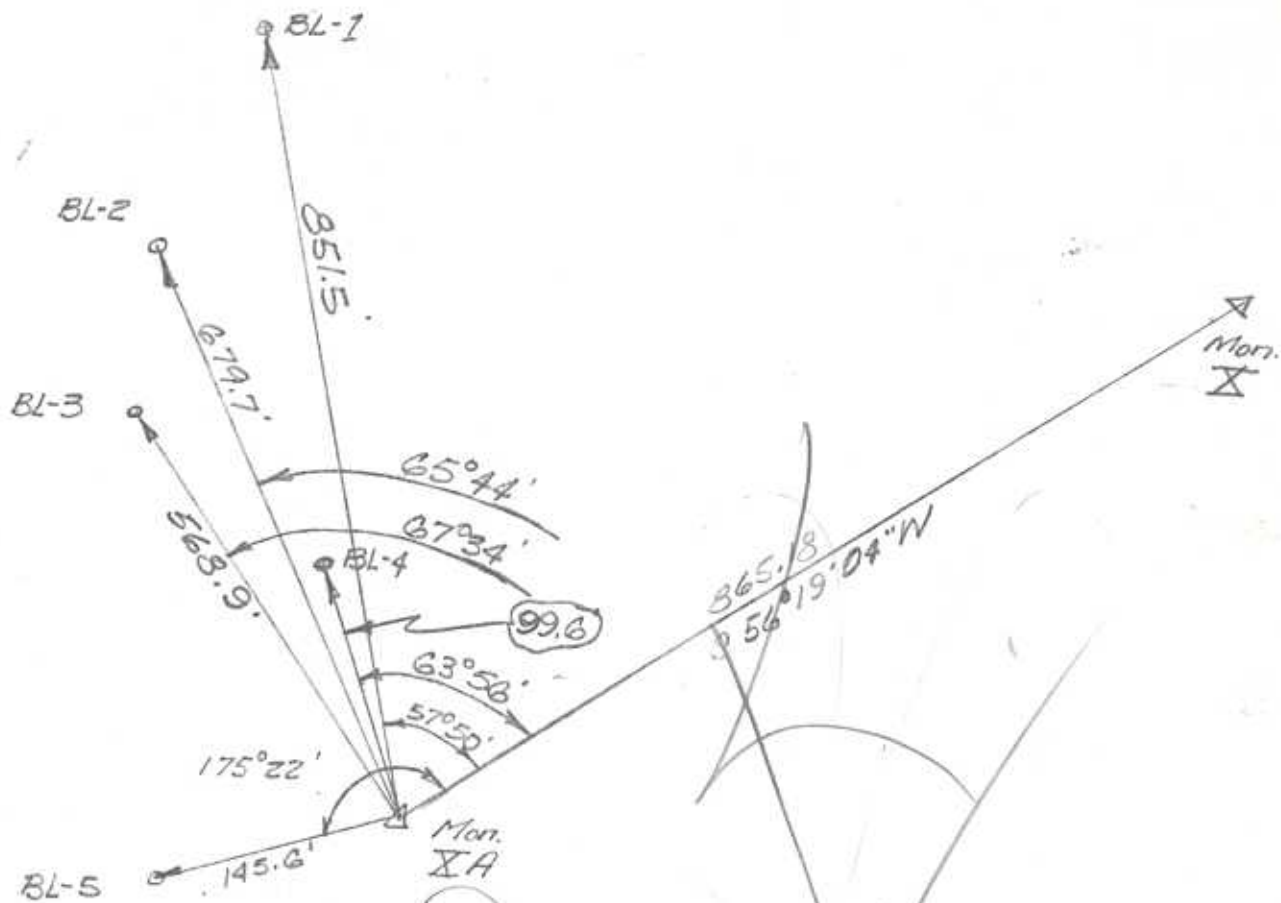


Location & Elev. Core Holes 3H 183 & Belt Line Rd.

4-13-81
R. Cobb, Party



"11" set on curb @ SW. Cor. of N. Cr. @ Belt Line

B.M. 10.93 556.77

BL-1	24.9	532.0
BL-2	27.3	528.5
BL-3	25.1	531.7
BL-4	7.9	548.9
BL-5	11.2	545.6

545.84

	X	Y
BL 1	155,913.17	426,309.51
BL 2	155,824.50	426,128.84
BL 3	155,824.71	426,016.27
BL 4	155,922.49	425,557.02
BL 5	155,808.41	425,387.60

DRILLING LOG

County Dallas Structure Belt Line Road District No. 18
 Highway No. SH 183 Hole No. BL-1 Date 4-3-81
 Control 94-3 Station * Grd. Elev. + 532.0
 IPE 511 Loc. from Centerline Rt. _____ Lt. _____ Grd. Water Elev. _____

ELEV. (FT.)	LOG	THD PEN. TEST NO. OF BLOWS		DESCRIPTION OF MATERIAL	METHOD OF CORING
		1st 6"	2nd 6"		
+532.0	0			CLAY, tan, stiff, moist	0
	10	20	28		10
		40	48		
+516.0				CLAY, shaley, tan & grey, stiff, moist	
+512.0	20	50(5)	50(3 ³ / ₄)		20
				SHALE, clayey, grey & tan, soft	
+506.0		50(2 ¹ / ₂)	50(1 ¹ / ₂)		
	30	50(2 ¹ / ₂)	50(3/4)		30
				SHALE, grey, hard	
		50(1 ³ / ₄)	50(3/4)		
+490.0	40	50(2 ¹ / ₂)	50(1/2)		40
	50				50
	60				60
	70				70

*REMARKS: * Coordinates: X = 155,913.17
 Y = 426,309.51

Driller William W. White Logger William W. White Title Engr. Tech. III

Indicate each foot by shading for core recovery, leaving blank for no core recovery, and crossing (X) for undisturbed laboratory samples taken.

NOTE: Refer to Foundation Exploration and Design Manual for directions in filling out this form. For distribution, forward one copy to the Bridge Division (D-5) and one copy to the Materials and Tests Division (D-9) if samples are submitted and make a note of same on D-5 copy.

DRILLING LOG

County Dallas Structure Belt Line Road District No. 18
 Highway No. SH 183 Hole No. BL-2 Date 4-6-81
 Control 94-3 Station * Grd. Elev. + 528.5
 IPE 511 Loc. from Centerline Rt. _____ Lt. _____ Grd. Water Elev. _____

ELEV. (FT.)	LOG	THD PEN. TEST NO. OF BLOWS		DESCRIPTION OF MATERIAL	METHOD OF CORING
		1st 6"	2nd 6"		
+528.5	0			CLAY, tan, stiff, moist	0
+517.5	10	10	15	SHALE, clayey, grey & tan, soft	10
		23	30		
+508.5	20	50(3)	50(3)		
		50(2½)	50(2)		
	30	50(2½)	50(¾)		
		50(2½)	50(1½)		
+486.0	40	50(2)	50(1)		
	50				50
	60				60
	70				70

*REMARKS: (1) Pen Test Taken in Soft Shale at 20.0'.
 * Coordinates: X = 155,824.50
 Y = 426,128.84

Driller William W. White Logger William W. White Title Engr. Tech. III

†Indicate each foot by shading for core recovery, leaving blank for no core recovery, and crossing (X) for undisturbed laboratory samples taken.
 NOTE: Refer to Foundation Exploration and Design Manual for directions in filling out this form. For distribution, forward one copy to the Bridge Division (D-5) and one copy to the Materials and Tests Division (D-9) if samples are submitted and make a note of same on D-5 copy.

DRILLING LOG

County Dallas Structure Belt Line Road District No. 18
 Highway No. SH 183 Hole No. BL-3 Date 4-7-81
 Control 94-3 Station * Grd. Elev. + 531.7
 IPE 511 Loc. from Centerline Rt. _____ Lt. _____ Grd. Water Elev. _____

ELEV. (FT.)	LOG	THD PEN. TEST NO. OF BLOWS		DESCRIPTION OF MATERIAL	METHOD OF CORING
		1st 6"	2nd 6"		
+531.7	0				0 D.Bbl.
		7	10	CLAY, tan, stiff, moist	10
		15	25		20
		30	41		30
+507.2		46	50	SHALE, clayey, grey & tan, soft	
+502.2		50(1 1/2)	50(1 1/2)	SHALE, grey, hard	30
+496.7		50(2 1/2)	50(3/4)		40
		50(2 1/2)	50(3/4)	SHALE, dk grey, hard	40
+485.7		50(1 3/4)	50(3/4)		50
					60
					70

*REMARKS: * Coordinates: X = 155,824.71
 Y = 426,016.27

Driller William W. White Logger William W. White Title Engr. Tech. III

Indicate each foot by shading for core recovery, leaving blank for no core recovery, and crossing (X) for undisturbed laboratory samples taken.

NOTE: Refer to Foundation Exploration and Design Manual for directions in filling out this form. For distribution, forward one copy to the Bridge Division (D-5) and one copy to the Materials and Tests Division (D-9) if samples are submitted and make a note of same on D-5 copy.

DRILLING LOG

County Dallas Structure Belt Line Road District No. 18
 Highway No. SH 183 Hole No. BL-4 Date 4-2-81
 Control 94-3 Station * Grd. Elev. + 548.9
 IPE 511 Loc. from Centerline Rt. _____ Lt. _____ Grd. Water Elev. _____

ELEV. (FT.)	LOG	THD PEN. TEST NO. OF BLOWS		DESCRIPTION OF MATERIAL	METHOD OF CORING
		1st 6"	2nd 6"		
+548.9	0				0
+544.9				CLAY, reddish brown, soft, moist	
+542.9				CLAY, tan, stiff, moist w/3" Layer sand, fine, moist	
	10	6	9		10
		15	20	CLAY, tan, stiff, moist	
	20				20
+523.9		26	28		
	30	30	38	CLAY, tan, stiff, moist w/Seams of Gypsum	30
+514.9		40	45		
+509.9		50(2½)	50(1¾)	SHALE, clayey, grey & tan, soft w/Seams of Gypsum	40
	40				40
		50(1¾)	50(1)	SHALE, grey, hard	
	50	50(2)	50(1½)		50
+493.4		50(1¾)	50(¾)		
	60				60
	70				70

*REMARKS: * Coordinates: X = 155,922.49
 Y = 425,557.02

Driller William W. White Logger William W. White Title Engr. Tech. III

Indicate each foot by shading for core recovery, leaving blank for no core recovery, and crossing (X) for undisturbed laboratory samples taken.

NOTE: Refer to Foundation Exploration and Design Manual for directions in filling out this form. For distribution, forward one copy to the Bridge Division (D-5) and one copy to the Materials and Tests Division (D-9) if samples are submitted and make a note of same on D-5 copy.

DRILLING LOG

County Dallas Structure Belt Line Road District No. 18
 Highway No. SH 183 Hole No. BL-5 Date 4-1-81
 Control 94-3 Station * Grd. Elev. + 545.6
 IPE 511 Loc. from Centerline Rt. _____ Lt. _____ Grd. Water Elev. _____

ELEV. (FT.)	LOG	THD PEN. TEST NO. OF BLOWS		DESCRIPTION OF MATERIAL	METHOD OF CORING
		1st 6"	2nd 6"		
+545.6	0			CLAY, dk brown, soft, moist	0
+542.6					
	10	5	7		10
		10	15	CLAY, tan, stiff, moist	
	20	16	19		20
		20	24		
+515.6	30	30	34	CLAY, shaley, tan & grey, moist w/Seams of Gypsum	30
+510.6		33	28	CLAY, shaley, tan & grey, moist	
+505.6	40	50(3)	50(6)	SHALE, clayey, grey & tan, soft	40
+500.6		50(2½)	50(1½)		
	50	50(2¾)	50(2)	SHALE, grey, hard	50
+490.6		50(1)	50(¾)		
	60	50(2½)	50(1/2)	SHALE, dk grey, hard	60
		50(5)	50(1/2)		
+477.1	70	50(2)	50(1)		70

*REMARKS: (1) At 65.5' 1st Half of Pen Test Taken in Soft Shale.

* Coordinates: X = 155,808.41

Y = 425,387.60

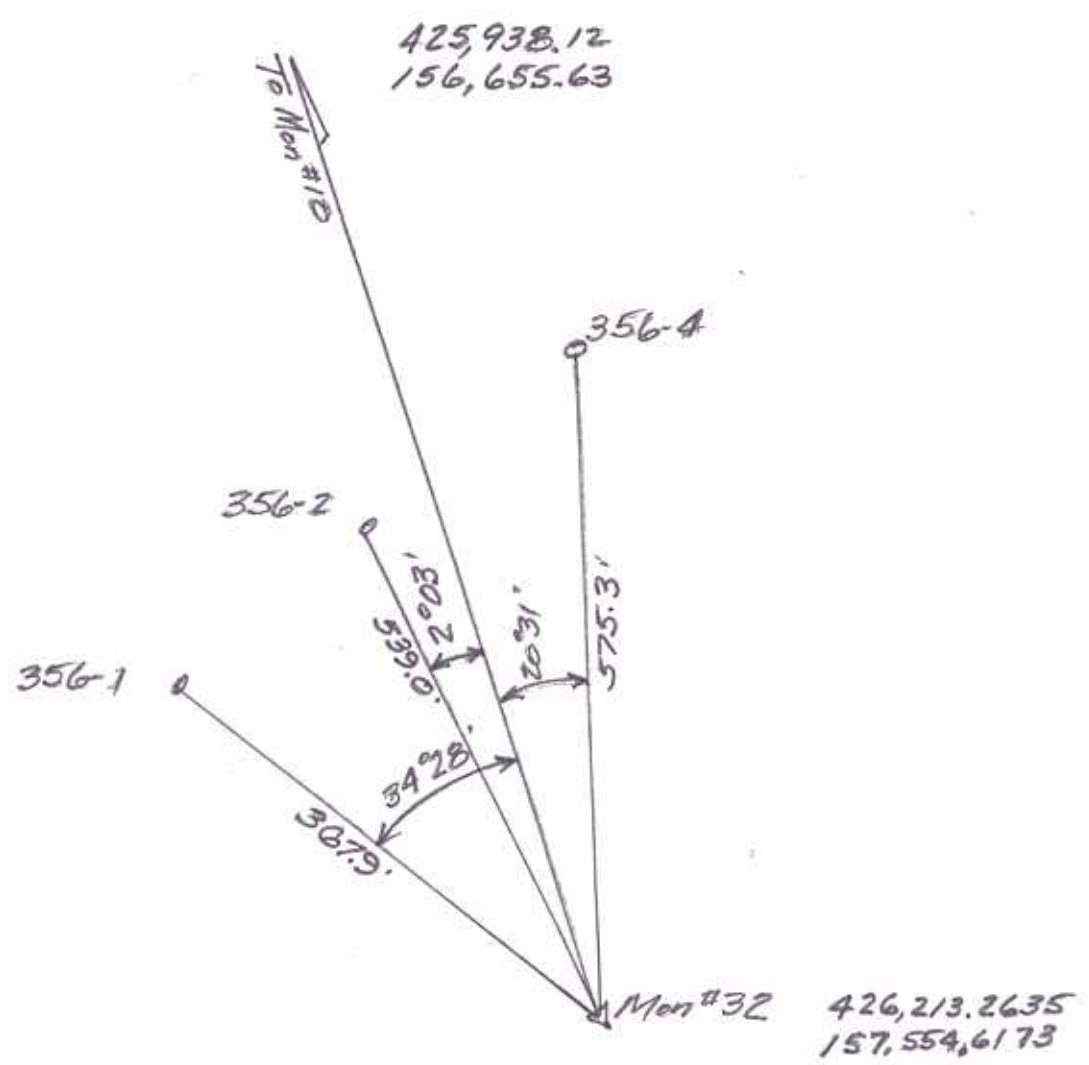
Driller William W. White Logger William W. White Title Engr. Tech. III

Indicate each foot by shading for core recovery, leaving blank for no core recovery, and crossing (X) for undisturbed laboratory samples taken.

NOTE: Refer to Foundation Exploration and Design Manual for directions in filling out this form. For distribution, forward one copy to the Bridge Division (D-5) and one copy to the Materials and Tests Division (D-9) if samples are submitted and make a note of same on D-5 copy.

4-13-81
R. Cobb, Party

Location & Elev. Core Holes SH. 183 & Belt Line Rd.



425,938.12
156,655.63

Mon #32 426,213.2635
157,554,6173

Mon #32 9.04 559.72 550.69

356-1 9.4 550.3
356-2 6.7 553.0
356-4 2.8 556.9

	X	Y
356-1	157,325.51	425,925.41
356-2	157,783.72	426,501.12
356-4	157,045.19	426,037.18
	158,064.05	426,389.34
	156,980.39	426,248.38
	158,128.85	426,178.14

CORRECTED
COORDINATES
RECEIVED 4-28-81