DRILL HOLES

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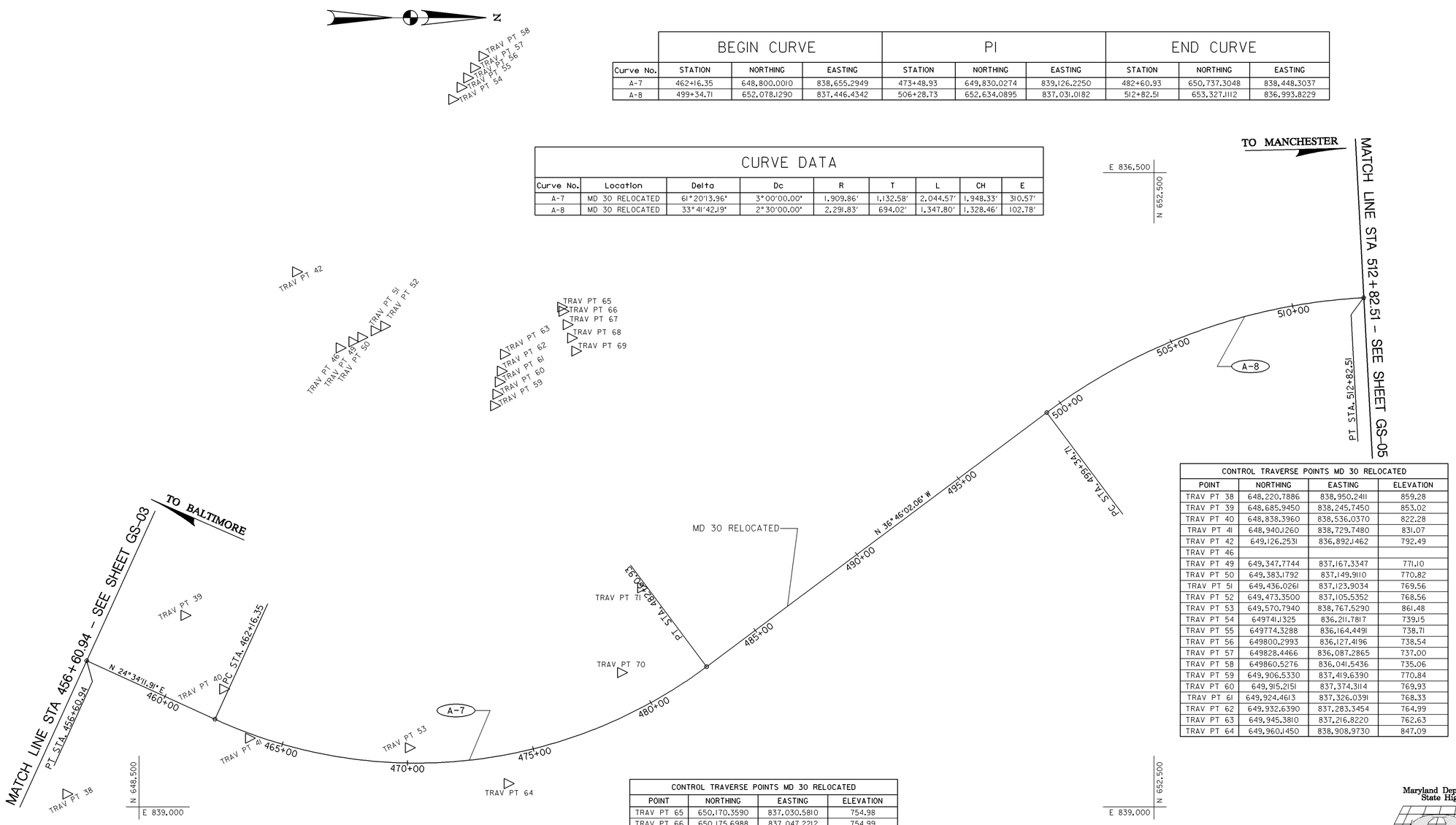
	BEGIN CURVE			PI			END CURVE		
Curve No.	STATION	NORTHING	EASTING	STATION	NORTHING	EASTING	STATION	NORTHING	EASTING
A-7	462+16.35	648,800.0010	838,655.2949	473+48.93	649,830.0274	839,126.2250	482+60.93	650,737.3048	838,448.3037
A-8	499+34.71	652,078.1290	837,446.4342	506+28.73	652,634.0895	837,031.0182	512+82.51	653,327.1112	836,993.8229

CURVE DATA								
Curve No.	Location	Delta	Dc	R	T	L	CH	E
A-7	MD 30 RELOCATED	61°20'13.96"	3°00'00.00"	1,909.86'	1,132.58'	2,044.57'	1,948.33'	310.57'
A-8	MD 30 RELOCATED	33°41'42.19"	2°30'00.00"	2,291.83'	694.02'	1,347.80'	1,328.46'	102.78'



CONTROL TRAVERSE POINTS MD 30 RELOCATED			
POINT	NORTHING	EASTING	ELEVATION
TRAV PT 38	648,220.7886	838,950.2411	859.28
TRAV PT 39	648,685.9450	838,245.7450	853.02
TRAV PT 40	648,838.3960	838,536.0370	822.28
TRAV PT 41	648,940.1260	838,729.7480	831.07
TRAV PT 42	649,126.2531	836,892.1462	792.49
TRAV PT 46			
TRAV PT 49	649,347.7744	837,167.3347	771.10
TRAV PT 50	649,383.1792	837,149.9110	770.82
TRAV PT 51	649,436.0261	837,123.9034	769.56
TRAV PT 52	649,473.3500	837,105.5352	768.56
TRAV PT 53	649,570.7940	838,767.5290	861.48
TRAV PT 54	649741.1325	836,211.7817	739.15
TRAV PT 55	649774.3288	836,164.4491	738.71
TRAV PT 56	649800.2993	836,127.4196	738.54
TRAV PT 57	649828.4466	836,087.2865	737.00
TRAV PT 58	649860.5276	836,041.5436	735.06
TRAV PT 59	649,906.5330	837,419.6390	770.84
TRAV PT 60	649,915.2151	837,374.3114	769.93
TRAV PT 61	649,924.4613	837,326.0391	768.33
TRAV PT 62	649,932.6390	837,283.3454	764.99
TRAV PT 63	649,945.3810	837,216.8220	762.63
TRAV PT 64	649,960.1450	838,908.9730	847.09

CONTROL TRAVERSE POINTS MD 30 RELOCATED			
POINT	NORTHING	EASTING	ELEVATION
TRAV PT 65	650,170.3590	837,030.5810	754.98
TRAV PT 66	650,175.6988	837,047.2212	754.99
TRAV PT 67	650,192.5499	837,099.7337	756.08
TRAV PT 68	650,209.4652	837,152.4461	756.71
TRAV PT 69	650,226.0200	837,204.0350	759.79
TRAV PT 70	650,406.7100	838,471.3520	816.42

Maryland Department of Transportation
State Highway Administration

Office of Highway Development

DATUM: NAD '27 Horizontal
NAVD '29 Vertical

SCALE : 1 IN. = 200 FT.

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REVISIONS

GEOMETRY SHEET | **GS-4 OF 5**

STATE OF MARYLAND
Maryland Department of Transportation
State Highway Administration
Highway Design Division
MD 30 RELOCATED
FROM SOUTH OF WOLF HILL DRIVE TO NORTH OF HAMPSTEAD

CONT. NO. CL4165370 F.A.P. NO. SEE TITLE SHEET SHEET NO. ____ OF ____
PREL. TRAC. BY HDD FINAL TRAC. BY HDD

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Tuesday, May 24, 2005 AT 03:43 PM