COMMERCIAL BLUEPRINT SERVICE 200 5-68

Witnesses to P.I. #5, 31+42.99
1/2" Pipe
S19°W - 79.10' - 23" Oak
N86°W - 48.0' - 18" Oak

Curve #5
Δ = 39°46'30"
D = 6°30'
R = 881.47'
T = 310.20'
L = 596.54'
E = 52.99
P.C. = 28+32.79
P.T. = 34+29.33
0.04 ft. Rate of Super

BM # 32 El. 609.97
Pk. nail & tag in W. root of Maple, 112' Lt. of sta. 33+08

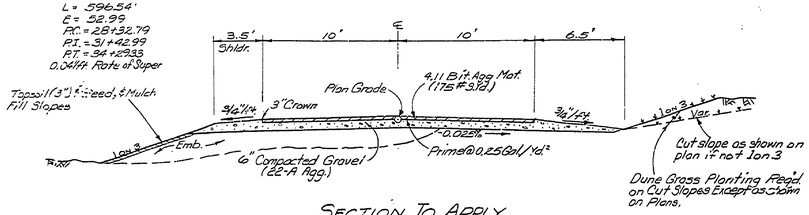
Witnesses to P.O.C.T.
P.I. #5 + 289.59, 1/2" pipe
S43°W - 85.74 - 16" Oak
N27°E - 94.49 - 14" W. Pine

Witnesses to P.O.T. 36+84.48
1/2" Pipe
S46°W - 70.77 - 14" Oak
N35°E - 69.61 - 26" Oak

Curve #6
Δ = 20°00'
D = 6°30'
R = 881.47
T = 155.43
L = 307.69'
E = 13.60'
P.C. 41+13.33
P.I. = 42+68.76
P.T. = 44+21.02
0.04 ft. Rate of Super

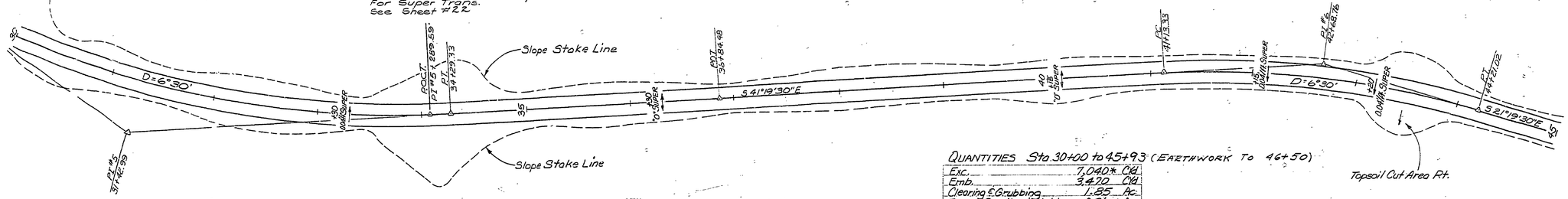
BM # 33 El. 609.48
Pk. nail & tag in N. root of 24" Oak, 95' Lt. of sta. 44+23

Witnesses to P.I. #6, 42+68.76
1/2" Pipe
S71°W - 98.10' - Maple clump
N30°E - 79.18' - 25" Oak



SECTION TO APPLY
STA. 25+50 to STA. 47+51, ALSO SERVICE ROAD.
For Super Trans. See Sheet #2R

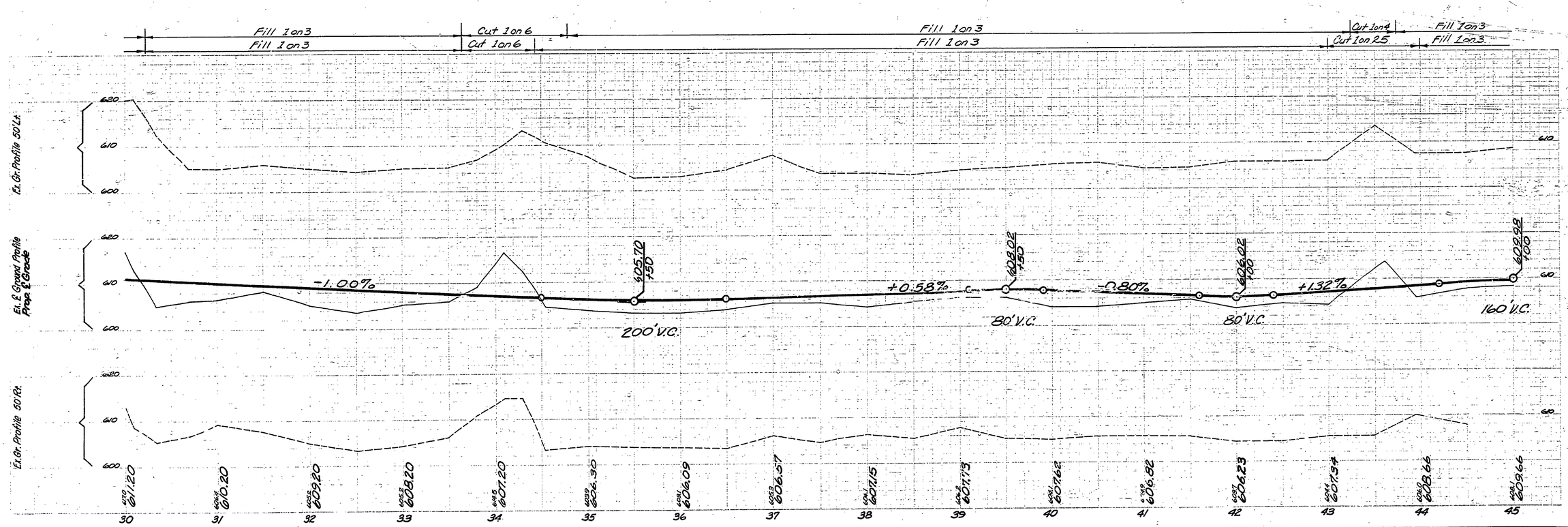
PLAN
Scale: 1" = 50'



QUANTITIES Sta. 30+00 to 45+93 (EARTHWORK TO 46+50)

Exc.	7,040*	Cyd.
Emb.	3,470	Cyd.
Clearing & Grubbing	1.85	Ac.
Topsoil, Seeding, & Mulch	0.36	Ac.
22-A Base	5700	Syd.
Prime	980	Gal.
Bit. Agg. Mat.	325	Ton
Dune Grass Planting	0.27	Ac.

*3570 Cyds. to Int. Cntr. Rd.
3470 This Sheet.



SURVEYED BY D. BISSELL	9-69	DRAWN BY C.E. MASSEY	10-69	NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	MICHIGAN DEPARTMENT OF CONSERVATION	ENTRANCE ROAD
DESIGNED BY J. NELSON	10-69	CHECKED BY		1.				3.					
	DATE		DATE	2.				4.					

SHEET NO. ___ OF ___
FOR PROJECT NO. 1065

P.J. HOFFMASTER STATE PARK
SHEET 15 OF 24 PLAN NO. E-105