

The Portrait

Maps used in this competition:

HM – Rand-McNally MI Highway Map
N – Negaunee SW Quadrangle
O – Omer SW Quadrangle
P – Pinckney Quadrangle

1. Jeffries Freeway
2. Oakland County
3. 1:24,000
4. 10 feet
5. a. 7.5'
6. Portage
7. 850 feet
8. c. swamp
9. 5
10. 54
11. 2141
12. Livingston
13. Howell
14. d. SE
15. a. perennial
16. d. 4
17. $42^{\circ} 25'$
18. $83^{\circ} 55'$
19. gravel pits
20. b. secondary
21. $83^{\circ} 52' 30''$
22. 12
23. T-13
24. 48

Answer Key

Codes used in this competition:

D&V I – Detroit and Vicinity Inset
M = State Highway Routes as in M-36
US = US Highway Routes as in US-23
I = Interstate Routes as in I-75

25. 85
26. 25 minutes
27. Assembly of God
28. Standish
29. 048° (**050**) 052°
30. $44^{\circ} 06' 47'' \pm 05''$
31. $83^{\circ} 59' 14'' \pm 05''$
32. 3
33. Knight
34. 89
35. 5
36. Straits of Mackinac
37. pay a toll charge (or similar)
38. Seney
39. 1380
40. 1975
41. NW $\frac{1}{4}$ / SE $\frac{1}{4}$ / 7 / T48N-R27W
42. $315^{\circ} - 323^{\circ}$
43. 5.77 – 5.97
44. 1426
45. 1461 - 1479

For copies of the corresponding maps
for this unit plus two other units, visit:

<http://www.otherworlds-edu.com>

