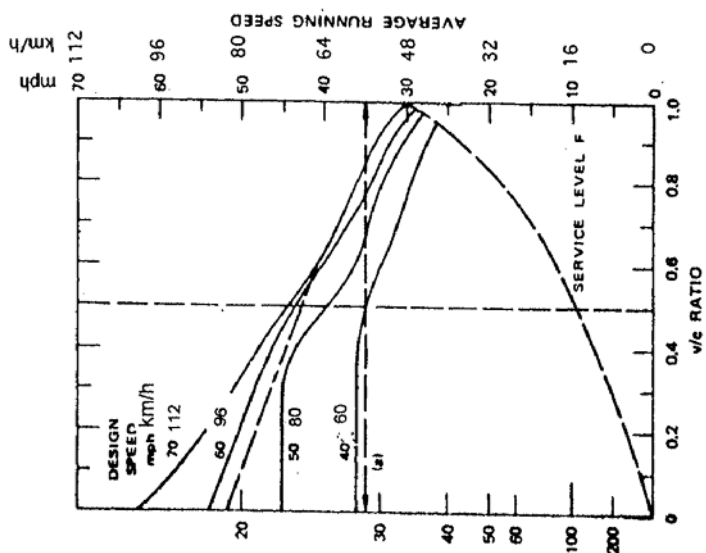
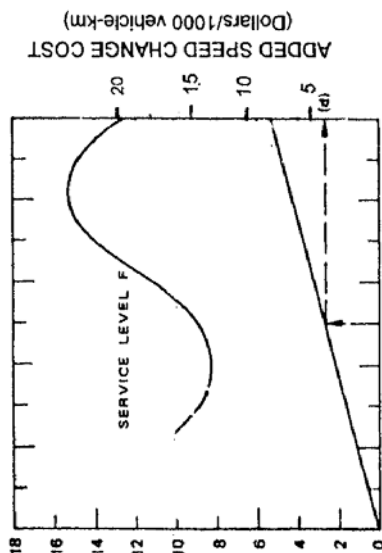




EXAMPLE OF CALCULATING TOTAL BASIC SECTION VEHICLE OPERATING COSTS

Given	Solution	Cost, \$
Vehicle type: Passenger car	Average running speed	37.5
Facility: Two-lane rural highway	(a) Personal time cost (not included in this analysis)	0.0
Design Speed: 60 km/h	(b) Tangent running cost	40.5
Service level F? No	(c) Added running cost due to curves	37.0
v/c ratio: 0.5	(d) Added running cost due to speed changes	4.0
Curvature: 16 degrees	Total basic section costs per 1,000 vehicle km. (B).	81.5

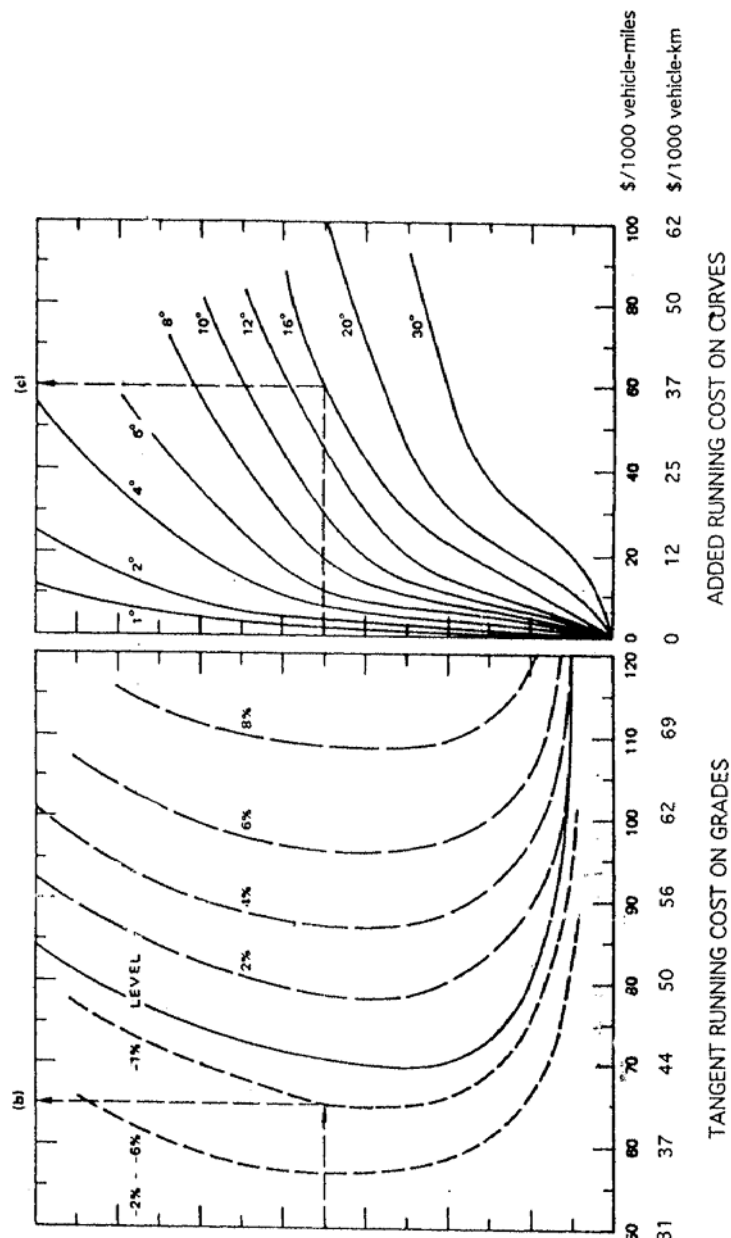


Figure 2-13. Basic section costs for passenger cars on two-lane highways
(Source: Based upon Figure 9, Ref. 7)