# Cincinnati Public School Bus Routing (Initial Questionnaire)

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### **Schools**

1. Single school routing or multi schools sharing routing

#### Road environment

Which following best describe the routing environment?

- 1. urban
- 2. rural
- 3. both

## Students load type

- 1. Mixed loads allowed (if students from different school are allowed to share bus)
- 2. Mixed loads not allowed

#### Fleet mix

- 1. Homogeneous (size?)
- 2. Heterogeneous

# Objective

	Number of buses used
	Total bus travel distance or time
П	Total student riding distance or time

	Fotal student walking distance Maximum route length Shared bus stop Capacity utilization Fotal Cost Number of stops
Cons	straints
	Vehicle capacity
	Maximum riding time
	School time window
	Maximum walking time or distance
	Earliest pick-up time
	Minimum student number to create a route
	Maximum stops per route
	Chance of overcrowding
	Chance of being late