

Project Bundling—Assignment #2

You are in a position to recommend whether the public transportation agency for which you work should use project bundling, and which projects to bundle. Your agency covers a small, but densely populated state. It is a short distance between one corner of the state and another, but the driving is difficult at certain times of the day since the traffic is heavy. Please review the list of projects below. Your legislature has approved \$50,000,000 for improving the state's bridges. Decide whether to bundle, and if so, what projects you would bundle. More than one bundle is possible, and not all projects must be bundled. Please list the projects in your bundle(s) and write a short explanation for why you bundled the projects the way you did.

Proj. ID	Project	Description	Location	Estimated Cost	Funding Source
1	Medium Bridge	Rehabilitate - urban	SE portion of state	\$4,000,000	A
2	Paving, New drainage system	Rehabilitate - urban	NW portion of state	\$5,500,000	C
3	Large Bridge	Replace - urban	NE portion of state	\$82,000,000	C,D
4	Paving	Widening - urban	Central port. of state	\$4,900,000	C
5	Small Bridge	Rehabilitate – urban	SW portion of state	\$1,750,000	A
6	Large Bridge	Rehabilitate - urban	SE portion of state	\$10,000,000	A
7	Paving, Drainage	Widening – urban	NE portion of state	\$38,000,000	B
8	Paving	Rehabilitate. – rural	SW portion of state	\$3,500,000	C
9	Mass Transit Facility	New building - urban	Central port. of state	\$20,000,000	B
10	Small Bridge	Rehabilitate - urban	NW portion of state	\$2,000,000	A
11	Small Bridge	Rehabilitate - urban	SE portion of state	\$6,300,000	A
12	Paving, Drainage	Widen, Resurfacing - urban	NE portion of state	\$6,000,000	C
13	Large Bridge	Rehabilitate – urban	NW portion of state	\$8,900,000	A
14	Paving, Drainage	Widening – urban	SW portion of state	\$4,900,000	C
15	Large Bridge	Replace – urban	Central port. of state	\$54,000,000	C
16	Paving	Widening – urban	SE portion of state	\$6,600,000	C
17	Small Bridge	Rehabilitate – urban	NW portion of state	\$3,000,000	A
18	Large Bridge	Replace – urban	SW portion of state	\$14,000,000	A
19	Small bridge	Replace – rural	NE portion of state	\$7,700,000	A
20	Paving, New drainage system	Rehabilitate – urban	NE portion of state	\$6,300,000	C
21	Small Bridge	Rehabilitate – urban	Central port. of state	\$2,900,000	A
22	Tunnel	Rehabilitate – rural	SE portion of state	\$120,000,000	C, D, E
23	Paving, New drainage system	Widening – urban	NE portion of state	\$8,000,000	C
24	Small bridge	Replace – rural	SE portion of state	\$2,700,000	A
25	Large Bridge	Replace – urban	Central port. of state	\$60,000,000	C
26	Paving	Widening – urban	NW portion of state	\$3,900,000	C
27	Small Bridge	Rehabilitate – urban	SW portion of state	\$3,400,000	A
28	Large Bridge	Replace – urban	SE portion of state	\$16,900,000	C

29	Paving, New drainage system	Widening – urban	NE portion of state	\$5,800,000	C
30	Paving	Rehabilitate – urban	NW portion of state	\$2,900,000	C
31	Paving, New drainage system	Rehabilitate. – urban	SW portion of state	\$5,000,000	C
32	Small bridge	Replace– rural	SW portion of state	\$2,700,000	C
33	Medium bridge	Replace – urban	SE portion of state	\$11,700,000	D
34	Large Bridge	Replace– rural	Central port. of state	\$56,000,000	C
35	Paving, Drainage	Widening – rural	SE portion of state	\$8,900,000	C
36	Medium Bridge	Rehabilitate – urban	SW portion of state	\$7,600,000	A
37	Paving	Widening – urban	NW portion of state	\$4,000,000	C
38	Small bridge	Replace – rural	SE portion of state	\$5,900,000	A

* The current funding sources for the projects listed below are:

- A – Funding not identified
- B – State Funds
- C – Traditional Federal Funds
- D – No-interest Loan
- E – Special Federal Funds