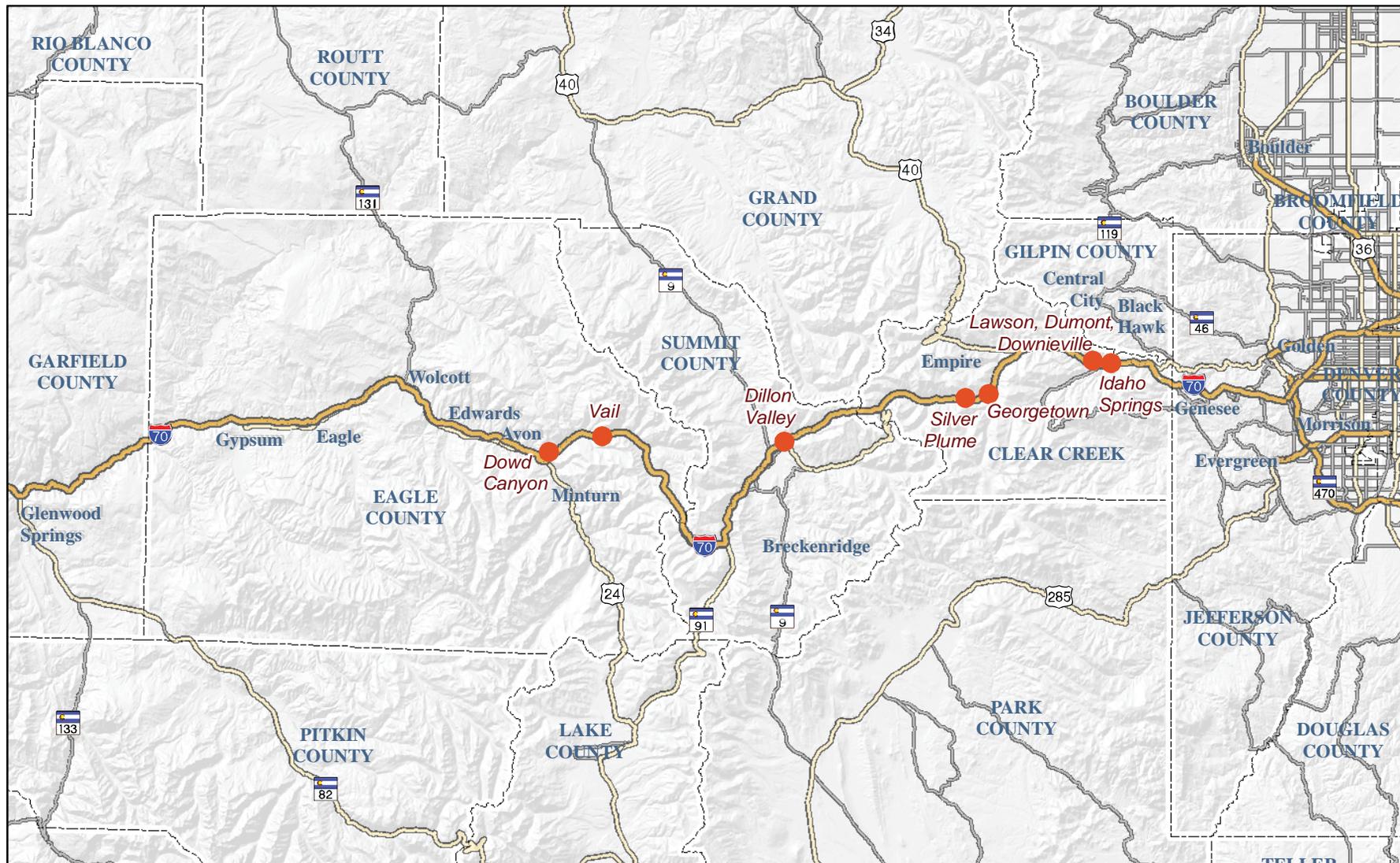
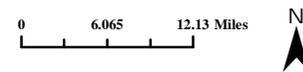


Noise



Legend

- Mileposts
- Major Highways
- Limited Access Highways
- Highways
- County Boundary
- Lakes
- Urban Areas
- Communities Measured for Noise Levels



Measured Noise Levels (2001 to 2004)

Shaded cells represent areas that exceeded noise abatement criteria.

Town	Location	Loudest Hour (decibels)
Dowd Canyon	Creekside Condos	62
	Kayak Crossing Condos	60
Vail	Golf course	63
	West side of town, south of I-70	67
	West side of town, north of I-70	65
Dillon Valley (before construction of noise wall)	East side of residential area	66
	West side of residential area	61
	Church	69
Silver Plume	Behind existing noise wall	57
	Near interchange	59
	East end of town	68
	RR depot	63
Georgetown	Below I-70 bench	52
	East of interchange	68
Lawson, Downieville, and Dumont	Lawson: South side of I-70, along Silver Lakes Drive	65
	Dumont: South side of I-70, along Stanley Road	68
Idaho Springs	Residences on east end of town	65
	Downtown	65
	Residences on west end of town	64
	Charlie Tayler Waterwheel	72

Predicted Noise Levels (2035)

Values in parentheses represent the predicted increase over existing conditions. Noise levels in areas where improvements are not proposed are indicated by dashed lines.

Alternative	Area (West to East)						
	Dowd Canyon	Vail	Dillon Valley	Silver Plume	Georgetown	Lawson/Downieville/Dumont	Idaho Springs
No Action	62 (+2)	67 (+2)	59 (0)	57 (0)	53 (0)	65 (0)	65 (0)
Minimal Action	62 (+2)	67 (+2)	59 (0)	57 (0)	57 (+4)	67 (+2)	65 (0)
Rail with Intermountain Connection	64 (+4)	68 (+3)	60 (+1)	58 (+1)	57 (+4)	66 (+1)	66 (+1)
Advanced Guideway System	62 (+2)	67 (+2)	60 (+1)	58 (+1)	56 (+3)	65 (0)	65 (0)
Bus in Guideway	63 (+3)	68 (+3)	61 (+1)	58 (+1)	54 (+1)	66 (+1)	69 (+4)
Six-Lane Highway (55 or 65 mph)	64 (+4)	---	---	59 (+2)	55 (+2)	67 (+2)	70 (+5)
Reversible/High Occupancy Vehicle/High Occupancy Toll Lanes	64 (+4)	---	---	59 (+2)	55 (+2)	67 (+2)	70 (+5)
Six-Lane Highway with Rail and Intermountain Connection	65 (+5)	68 (+3)	60 (+1)	61 (+4)	57 (+4)	68 (+3)	70 (+5)
Six-Lane Highway with Advanced Guideway System	64 (+4)	67 (+2)	60 (+1)	61 (+4)	57 (+4)	68 (+3)	70 (+5)
Six-Lane Highway Bus in Guideway	64 (+4)	67 (+2)	60 (+1)	61 (+4)	57 (+4)	68 (+3)	70 (+5)
Preferred Alternative ¹	64 (+4)	67 (+2)	60 (+1)	58 to 61 (+1 to +4)	56 to 57 (+3 to +4)	65 to 68 (0 to +3)	65 to 70 (0 to +5)

¹The Preferred Alternative is presented as a range because the adaptive management component allows it to be implemented based on future needs and associated triggers for further action. See Wall #9 for a description of triggers included in the Preferred Alternative.