

# Linear Routing Tool GIS Constraints and Opportunities

## Constraints

### Buildings

- Address point buffers (buildings)
- Apartment (co-op, mixed use, subsidized)
- Art gallery, museum, social service
- Auditorium, assembly building
- Auto showroom and lot
- Bank
- Bowling alley
- Car wash
- Church, welfare, religious service
- Condominium (mixed use)
- Condominium (mobile home park)
- Condominium (office space)
- Condominium (residential)
- Convenience store with gas
- Convenience store without gas
- Daycare center
- Duplex
- Fraternity/sorority house
- Gas station
- Golf course
- Grocery store
- Group home
- Health club
- Hospital
- Hotel/motel
- Medical/dental office
- Mini lube
- Mobile home park
- Movie theater
- Nursing home
- Office building
- Post office/post service
- Quad-plex
- Rehabilitation center
- Residence hall/dorm
- Restaurant (lounge, fast food)
- Retail (store, discount, line, strip)

- Retirement facility townhouse plat
- Rooming house
- School (public, private)
- Service building
- Service station, marina
- Shopping center (community, major retail, neighborhood, regional, specialty)
- Single family (C/I Use, C/I Zone, Residential Use, Residential Zone)
- Tavern/lounge
- Triplex
- Vet/animal control service

### Historical

- Historical Register
- Historical Register Districts
- Historic property inventory – named
- Historic property (office, misc.)
- Heritage barns
- Natural Heritage Project – Critically Imperiled Species Of Special Concern (S1)
- Natural Heritage Project – Imperiled Species Of Special Concern (S2)
- Natural Heritage Project – Rare Or Uncommon Species Of Special Concern (S3)
- Natural Heritage Project – Critically Imperiled Species Of Special Concern (S1)

### Natural resources

- Coal mine hazards

### Open space and recreation

- Open space (timber land, greenbelt, agricultural, current use)
- Park easements, King County
- Parks (private, public, amusement center, zoo, arbor)
- Scenic byways
- Transfer of Development Rights – receiving
- Campground
- Resort/lodge/retreat

- Skating rink (ice, roller)
- Sport facility

### Steep slopes

- Landslide potential (Class 1)
- Landslide potential (Class 2)
- Landslide potential (Class 3)
- Slope 20% or greater, unspannable
- Slope 40% or greater, unspannable

### Transportation

- Airport
- Airport approach notification zone
- Air terminal and hangars
- Railroads (abandoned)
- Arterial roads (travel lanes)
- Highway polygons created using lane widths

### Utility

- Private utility (radio, T.V.)
- BPA transmission corridor
- BPA substation
- WSDOT utility restrictions – restricted
- WSDOT utility restrictions – with exceptions

### Water resources

- Floodway, floodplain
- Large lakes
- Shorelines (200 foot buffer)
- Tidelands
- Wetlands
- Water bodies

### Wildlife and conservation

- Bald eagle nest buffers
- Heron rookeries
- Native Growth Protection Easement
- Salmonid streams
- Waterfowl habitat
- Reserve/wilderness area

## Neutral

### Buildings

- Governmental service
- Greenhouse, nursery, horticulture service
- High tech, high flex
- Office park
- Retail (big box)

### Natural resources

- Mining, quarry, ore processing

### Open space and recreation

- Transfer of Development Rights – sending

### Transportation

- Terminal (auto, bus, other)

## Opportunities

### Agriculture

- Farm

### Buildings

- Industrial park, industrial (general purpose, heavy, light), mini warehouse, terminal (rail), vacant (industrial), warehouse
- Mortuary, cemetery, crematory
- Vacant (commercial, multi-family, single-family)

### Parking

- Easement, parking (assoc), parking (commercial lot), parking (garage)

### Open space and recreation

- Recreational trails

### Transportation

- Arterial roads (adjacent)
- Railroads (rail bank)

### Utility

- BPA transmission corridor (adjacent)
- High pressure gas line corridor
- PSE 115 kV corridor
- PSE 55 kV corridor
- Right-of-way, utility-road, utility-public