Road Improvement Program

A Balanced Approach…

GREENER

- Encourages and supports active transportation and multimodal uses including cycling, walking, running, hiking
- Supports greenhouse gas (GHG) reduction efforts through reduced use of graders, loaders, dump trucks and re-occurrences of aggregate application
- Supports reduction of environmental exposure to pollution through reduced use of chlorides and other chemicals for dust control
- Supports efforts to improve streams and watercourses adjacent to roads by reducing frequency of gravel washouts and erosion and through reduced application of winter sand
- Encourages greater sharing of roadside environment for all roadway users and supports healthier communities

Overall: Supports King's Climate Emergency declaration and vision for a greener future.

CHEAPER

- Supports efforts towards greater sustainability by minimizing routine application of roadway consumables including sand, salt, dust control chemicals and associated fuel, machinery and human resources
- Supports cost reduction strategies through lower operating costs and lower life cycle costs
- Supports societal cost reductions by encouraging human powered forms of transportation
- Reduces wear and tear on vehicles for all system users
- Supports increased productivity efforts by enabling staff/monetary reallocations of summer and winter maintenance activities
- Supports reduction in fleet resources and heavy equipment, particularly grader requirements
- Supports efforts towards moving people, goods and services more efficiently
- Supports greater service delivery objectives through greater reliability, less weight restrictions and improved performance

Overall: Supports King's objective towards achieving greater fiscal responsibility and cost control.

SAFER

- Improves friction resistance and traction in all weather conditions
- Reduces potential/effects of hydroplaning through greater disposition of surface water
- Improves efforts to reduce noise pollution
- Improves end user comfort and ride-ability particularly for two wheeled vehicles
- Reduces stress and driver frustration through improved system performance
- Reduces risk of stone chips, dust, and use of water, soaps and chemicals for vehicle cleaning
- Minimizes surface glare and improves roadway delineation visibility
- Reduces frequency of swerving and lane encroachment to avoid roadway distress elements including potholes, washouts and soft shoulder edges
- Potential to improve driver awareness through application of lane markings, stop bars, designated cycling lanes, centerline markings and other surface demarcations where applicable

Overall: Supports King's efforts towards creating a healthier and safer community.