PRESENTATION OBJECTIVES:

- Overview
- 2018 Accomplishments
- 2019 New and Continuing Projects
$2.8B* 2019 10-YEAR TRANSPORTATION CAPITAL BUDGET

Transit $0.8B*
- Fleet
- Garages
- Terminals
- Technology

Roads $2.0B
- Roads
- Bridges
- Signals
- Illumination
- Maintenance Facilities
- Technology

*Excludes Investments in YRRTC program

Significant investments in Growth and Asset Management Programs
RECORD INVESTMENT IN ROADS AND TRANSIT PROGRAMS

Rocks and Transit Annual Capital Investment

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TOTAL $834M

TOTAL $1.3B
2019-2028 TRANSPORTATION SERVICES CAPITAL BUDGET

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Legend:
- Roads
- Transit
2018 ACCOMPLISHMENTS
$217M invested in Transportation Growth and Asset Management Programs
HIGHWAY 404 MIDBLOCK CROSSING
North of Major Mackenzie Drive

Phase: EA Study
Status: Complete
MAJOR MACKENZIE DRIVE
McNaughton Road to Keele Street
Operational Improvements

Phase: EA Study
Status: Complete

1.4 km
BAYVIEW AVENUE / 19TH AVENUE
Elgin Mills Road to Stouffville Road
Linda Margaret Crescent to Bayview Avenue

Total Cost: $58.8M
Phase: Construction
Status: Complete
HIGHWAY 404 MIDBLOCK CROSSING

North of Highway 7 and Highway 404 northbound off-ramp extension

Total Cost: $58.5M
Phase: Construction
Status: Complete
HIGHWAY 404 MIDBLOCK CROSSING

North of Highway 7 and Highway 404 northbound off-ramp extension

- Total Cost: $58.5M
- Phase: Construction
- Status: Complete
LAKE TO LAKE BIKE ROUTE
Steeles Avenue to Highway 7

4.7 kilometre multi-use path along Leslie Street, extending from Steeles Avenue to Highway 7
SOUTHEAST DISTRICT ROAD MAINTENANCE FACILITY

Warden Avenue

Total Cost: $1.6M
Phase: Construction
Status: Complete
PARK AND RIDE FACILITY
Major Mackenzie Drive and Highway 404

Total Cost: $1.3M
Phase: Construction
Status: Complete
ROAD REHABILITATION AND RESURFACING

Completed rehabilitation on 64 lane-kilometres and resurfacing of 41 lane-kilometres

Yonge Street south of St. John’s Sideroad
BRIDGE AND CULVERT REHABILITATION

Completed rehabilitation of 4 structures

Total Cost: $4.3M
Phase: Construction
Status: Complete

Pegg’s Bridge at Warden Avenue Bridge
INTERSECTION COMPONENTS

- Traffic Camera
- Pedestrian Push Button
- Opticom
- Traffic Control Signals
- Power Supply
- MAST ARM STREET NAME SIGN
- PEDESTRIAN SIGNAL
- LADDER CROSSWALK MARKINGS
- Controller Cabinet
- Median and Left-Turn Lane
- Vehicle Detector Loops (Not Visible)
- Tactile Plates
- Street Lights
INTERSECTION MODERNIZATION

Completed improvements at 24 locations

Total Cost: $6.2M*
Phase: Construction
Status: Complete

*Does not include the cost of 11 intersections improved in conjunction with road rehabilitation projects

Mount Albert Road and Centre Street
UNPLANNED WORK
Completed unplanned work at a number of locations to repair infrastructure

Total Cost: $1.3M
Phase: Construction
Status: Complete

Yonge at Silverline Helicopters
PARTNERSHIP PROGRAMS

Municipal Streetscape Partnership Program
Pedestrian and Cycling Municipal Partnership Program

Annual Funds to Allocate: $1.0M / $0.5M
BUS STOPS, TRANSIT SHELTERS, CONCRETE PLATFORMS

107 concrete pads, 13 conventional shelters and 8 solar powered shelters were installed under the expansion program.

68 concrete pads and 80 conventional shelters were installed under the renewal program.

Total Cost: $2.8M
Status: On-going
TRANSIT FLEET OVERHAUL

Completed overhaul on 26 conventional buses and various structural rehabilitation on Viva 40-foot buses

Total Cost: $6.5M
Status: Complete
2018 TRANSIT FLEET PROCUREMENT

Purchased 5 conventional buses and 2 Mobility Plus vehicles under the expansion program

Purchased 21 conventional buses and 18 Mobility Plus vehicles under the renewal program

Total Cost: $18.6M
Status: Complete
2019 NEW AND CONTINUING PROJECTS
$339 MILLION INVESTMENT IN ROADS AND TRANSIT IN 2019

Asset Management $91M

Growth Program $248M
CONSTRUCTION:

- 2019 Growth Program
19 GROWTH CONSTRUCTION PROJECTS UNDERWAY IN 2019

- Intersection Improvement
- Facility
- Structures
- Road Reconstruction/Widening
LESLIE STREET
Don Hillock Drive to Broughton Lane

Total Cost: $31.4M
Construction: 60% Complete
Completion: 2019
ST. JOHN’S SIDERoad
Bayview Avenue to Woodbine Avenue

Total Cost: $43.2M

Construction: 85% Complete

Completion: 2019
MAJOR MACKENZIE DRIVE
Islington Avenue to Pine Valley Drive

Widening from 2 to 6 lanes, including bridges over East Humber River and Purpleville Creek

Total Cost: $54.9M
Construction: Tendering
Completion: 2021
MAJOR MACKENZIE DRIVE

CPR Tracks to Islington Avenue

Widening from 2 to 6 lanes, including eliminating the jog at Highway 27 and building bridges over the Canadian Pacific Railway tracks and the Humber River

Total Cost: $107.0M
Construction: 40% Complete
Completion: 2021

Humber Bridge
CPR Bridge
CPR Tracks
HIGHWAY 27
HUNTINGDON ROAD
MAJOR MACKENZIE DRIVE WEST
Waunona
Islington Avenue
MAJOR MACKENZIE DRIVE WEST
HIGHWAY 27

Canadian Pacific Railway Bridge Replacement
1.6 kilometres north of Langstaff Road

Total Cost: $23.0M
Construction: Tendering
Completion: 2022
KEELE STREET

Steeles Avenue to Snidercroft Road / Great Gulf Drive (South of Highway 407)

Reconstructing and widening to 6 lanes; including a new, wider structure replacement over CN Rail, streetscaped median, cycling facilities, sidewalk, illumination and watermain replacement

Total Cost: $40.0M
Construction: Tendering
Completion: 2021
LESLIE STREET AND 19TH AVENUE
Intersection Improvements, including signalization, jog elimination, with 4 through lanes and turn lanes

Total Cost: $6.2M
Construction: 45% Complete
Completion: 2019
LESLIE STREET
Elgin Mills Road to 19th Avenue

Reconstruction and widening from 2 lane rural road to 4 lane urban road, including geometric improvements, multi-use path, sidewalk and illumination

Total Cost: $17.1M
Construction: Tendering
Completion: 2020
MAJOR MACKENZIE DRIVE CULVERT

East of McNaughton Road

Replacement of a deteriorated large CSP Arch culvert at the West Don River with a large new pre-cast concrete structure, including large watermain, storm sewers and road reconstruction.

Total Cost: $5.5M
Construction: Tendering
Completion: 2019
INTERSECTION IMPROVEMENTS TO SUPPORT TRANSIT

Typical Proposed Treatment

Total Cost: $7.3M
Completion: 2019
**LESLIE STREET**

at West/East Commerce Valley Drive, at Green Lane/Summerdale Drive and at John Street

Improvements at 3 intersections to install transit stops, shelters, fare equipment and upgrade to traffic signals

- Total Cost: $3.4M
- Construction: Tendering
- Completion: 2019

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**HIGHWAY 7**

at Main Street and Kennedy Road

Improvements at 2 intersections to install queue jump lanes

- Total Cost: $2.1M
- Construction: 10% Complete
- Completion: 2019
JANE STREET
Intersection Improvements at Pennsylvania Avenue/MacIntosh Boulevard and at Langstaff Road

Improvements at 2 intersections to install queue jump lanes

Total Cost: $1.8M
Construction: 0% Complete
Completion: 2019
KING ROAD AND HIGHWAY 27
Intersection Improvements

Intersection improvements including left-turn lanes in northbound and southbound directions

Total Cost: $6.5M
Construction: 85% Complete
Completion: 2019
KING ROAD AND WESTON ROAD
Intersection Improvements

Road and intersection improvements, including road profile adjustment, left-turn lanes on all 4 approaches and new traffic signals.

Total Cost: $5.9M
Construction: Tendering
Completion: 2020
CENTRAL DISTRICT SNOW MANAGEMENT FACILITY

Harry Walker Parkway

Total Cost: $5.1M
Construction: 85% Complete
Completion: 2019
TRANSIT FLEET PROCUREMENT

Purchase 3 Viva buses and 2 specialized Mobility Plus transit vehicles under the expansion program

Purchase 8 conventional buses, 6 electric buses and 7 Viva buses under the renewal program

Total Cost: $24.5M

Status: On-going
NORTH OPERATIONS, MAINTENANCE AND STORAGE FACILITY

Expansion and Renovation
18106 and 18110 Yonge Street

Total Cost: $35.5m
Construction: 60% Complete
Construction: 2019
MAJOR MACKENZIE DRIVE WEST TERMINAL

Opposite Mackenzie Vaughan Hospital

Total Cost: $8.5m
Construction: Tendering
Completion: 2020
TRANSIT SHELTERS, CONCRETE PLATFORMS AND BUS STOPS

Install **50** concrete pads, **10** conventional shelters and **10** solar powered shelters under the expansion program.

Install **100** concrete pads and **40** conventional shelters under the renewal program.

- **Total Cost:** $1.8M
- **Status:** On-going
CONSTRUCTION:

- 2019 Asset Management Program
$91 MILLION INVESTMENT IN ASSET MANAGEMENT IN 2019

Transit $36.1M
- Fleet Mid-Life Overhaul
- Fleet Retirement and Replacement
- Bus Shelter, Platform and Sign Replacement
- Facility Rehabilitation

Rocks $55.2M
- Road Rehabilitation and Preservation
- Structure Rehabilitation / Replacement
- Intersection Modernization
2019 ROADS ASSET MANAGEMENT PROGRAM

Asset Management

- Intersection Modernization *
- Structure Rehabilitation
- Road Preservation/Rehabilitation

*35 Intersection improvements that will be completed in conjunction with a road rehabilitation project are not shown.
ROAD REHABILITATION AND RESURFACING

Complete rehabilitation on 178 lane-kilometres and resurfacing of 85 lane-kilometres

Total Cost: $33.1M
Phase: Underway

Yonge Street
STRUCTURE REHABILITATION

Rehabilitate 4 structures

Total Cost: $4.1M
Phase: Underway

Bathurst Street Bridge
INTERSECTION MODERNIZATION

Improve 55 Intersections

Jane Street and Avro Road, Vaughan

*Does not include the cost of 35 intersections improved in conjunction with road rehabilitation projects

Page 62
2019 TRANSIT FLEET OVERHAUL

Refurbish **37** conventional buses

Total Cost: **$9.3M**

Phase: **Underway**
PRE-CONSTRUCTION:
• 2019-2028 Growth Program
PLANNING FOR THE FUTURE

2019 10-Year Roads and Transit Capital Construction Program

Road Project

- Under Construction
- 2019
- 2020
- 2021
- 2022
- 2023
- 2024
- 2025
- 2026
- 2027
- 2028

Other Project

- Bridge Replacement/ Improvement
- Interchange/ Intersection Improvement

VivaNext Projects

- Rapidway Under Construction
- Future Subway Extension
GROWTH PROJECT PHASES AND TIMELINES

- **Planning**: 1 YEAR
- **Environmental Assessment**: 2 YEARS
- **Detailed Design + Property Acquisition + Permits**: 2 to 3 YEARS
- **Construction + Utility Relocation**: 3 to 4 YEARS

Growth projects on average take 8 to 10 years from start to finish.
10 ENVIRONMENTAL ASSESSMENT STUDIES UNDERWAY IN 2019
ENVIRONMENTAL ASSESSMENT STUDY ENGAGEMENT

The Regional Municipality of York
NOTICE OF COMMENCEMENT
Municipal Class Environmental Assessment Study of
Kennedy Road
Steeles Avenue to Major Mackenzie Drive in the City of Markham

The Regional Municipality of York is undertaking a Schedule C Municipal Class Environmental Assessment (EA) study to review the current and future transportation needs on Kennedy Road between Steeles Avenue and Major Mackenzie Drive in the City of Markham.

Through the EA study, York Region will review traffic operations and the need for transportation system and infrastructure improvements on Kennedy Road.

Public consultation is an important part of the EA study. York Region welcomes resident and stakeholder feedback throughout the study and will also seek community members to form a stakeholder group. This group will meet at key milestones and provide feedback. Information about open houses and other community events will be published in this newspaper and posted on york.ca/ea and York Region’s Facebook and Twitter channels. An accessible version of this notice is available upon request. This notice was issued on May 18, 2017.

To submit a comment or question or to apply to be a stakeholder group member, please contact:
Chris Lumsdon, Communications and Community Engagement Specialist
The Regional Municipality of York
17230 Yonge Street, Newmarket, Ontario, L3Y 6R1
Phone: 1-877-464-9025 ext. 75569 Fax: 905-836-4300
Email: roads.ea@york.ca


Personal information collected (i.e. name, address, and phone number) is collected, maintained, and disclosed under the authority of the Environmental Assessment Act and the Municipal Freedom of Information and Protection of Privacy Act for transparency and consultation purposes. Personal information submitted will become part of a public record that is available to the general public unless it is requested that the personal information remain confidential.

Wayne Emmerson
York Region Chairman and CEO

Do you travel on Dufferin Street?
We want your feedback on our ideas to enhance Dufferin Street, between Langstaff Road and Teston Road, for all road users. See the proposed changes and share your comments at
york.ca/DufferinStreet

ROAD SERVICES
Christine Morrison
1-877-464-9675 ext. 75923
roads.ea@york.ca
16 DETAILED DESIGN PROJECTS UNDERWAY IN 2019
2019 ROADS PROGRAM MAP

CONSTRUCTION

Growth
- Intersection Improvement = 7 projects
- Facility = 1 project
- Structures = 2 projects
- Road Reconstruction/Widening = 9 projects

Asset Management
- Intersection Modernization * = 56 projects
- Structure Rehabilitation = 4 projects
- Road Preservation/Rehabilitation = 21 projects

*35 intersection modernizations that will be completed in conjunction with a road rehabilitation project are not shown.

CONSTRUCTION AT OVER 100 LOCATIONS

PRE-CONSTRUCTION

Detailed Design
- Structures = 2 projects
- Roads = 14 projects

Environmental Assessment Studies
- Environmental Assessment Study = 10 studies
KEY MESSAGES

1. Record investment in Transportation Services during this term of Council

2. Council approved Capital Program that balances growth and asset management needs

3. Coordinating delivery of infrastructure through partnerships with the Province, local municipalities and agencies

4. Actively preparing projects for future construction

5. Building a network to service the needs of York Region’s 1.2 million residents and businesses

2019 ROADS PROGRAM MAP
CONSTRUCTION AT OVER 100 LOCATIONS
QUESTIONS/DISCUSSION

For more information
Salim Alibhai, P.Eng., PMP
Director, Capital Planning and Delivery
1-877-464-9675 ext. 75229
Salim.Alibhai@york.ca