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# Infrastructure Services

## 2018 Budget Presentation

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# Proposed 2018 Budget



- 2017 redistribution of responsibilities from Corporate Services
- Renamed department to **Infrastructure Services**
- Realignment of divisions within the department
  - Transportation Planning and Development
  - Design and Construction
  - Technical Services / Facility Management
  - Maintenance Operations

# Proposed 2018 Budget

- Total expenditure level of **\$48,613,000**
  - Transportation Construction - \$35,793,090
  - Transportation Maintenance - \$9,242,000
  - Transportation Fleet and Facilities - \$2,810,660
  - Facilities Operations -\$767,250

# Budget Summary



| Overview                            | 2017<br>Budget       | 2017<br>Projection   | 2018<br>Budget       |
|-------------------------------------|----------------------|----------------------|----------------------|
| Expenditures                        | \$ 42,700,000        | \$ 38,521,260        | \$ 48,613,000        |
| Recoveries                          | (5,558,750)          | (6,447,420)          | (9,942,080)          |
| Net Operations                      | \$ 37,141,250        | \$ 32,073,840        | \$ 38,670,920        |
| Contributions to<br>(from) Reserves | (2,382,370)          | 2,253,080            | (1,645,460)          |
| <b>County<br/>Responsibility</b>    | <b>\$ 34,758,880</b> | <b>\$ 34,326,920</b> | <b>\$ 37,025,460</b> |

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# Prior Year Performance



- 2017 Year End position \$431,960 under budget
- Factors :
  - Planned over expenditures in the Construction Program, project scope adjustments, project deferrals
  - Higher than anticipated recoveries from road user agreements
  - Lower than anticipated salary costs from vacancies
  - Fleet and Facilities Program on budget
  - Under expenditure in Road Maintenance
  - Extended summer operations
  - Favourable Winter Control operations

# County Construction

- Program consists of three sub-programs
  - Capacity Expansion Program
  - Rehabilitation Program
  - CWATS Program

# County Construction

- 2017 Performance:
  - Program includes: Planning / Engineering / Construction
  - Program was under budget from tender results and scope revisions
  - Traffic signal upgrades
  - 7 large culverts projects
  - Rehabilitated 16 roads
  - Rehabilitated 5 bridges



# County Construction



- 2017 Performance (cont'd):
  - CWATS paved shoulder projects
  - Improved 4 intersections with UPS systems
  - CR 19 /CR 22 Intersection Project
  - CR 22 Ph. 6 Design Project
  - Several CCL projects constructed
  - Land Acquisition for Capacity Projects
  - Rural intersection illuminations

# County CWATS



- 2017 Performance:
  - CWATS initiatives:
    - Detailed design assignments
    - Paved shoulder construction
    - One way cycle track construction
    - Bike lane construction
    - Partnerships and Supportive programs
    - Education / Outreach initiatives

- 2017 Performance:
  - Program was under budget
  - Reduced Winter Control costs
  - Deferred maintenance tasks, staffing vacancy
  - Impacts from extended summer maintenance
  - Several maintenance activities exceeded budget estimates resulting from unanticipated levels of various repairs

# Fleet and Facilities



- 2017 Performance:
  - Program is projected to be on budget
  - Replacement equipment included 3 tandems, crash attenuator, asphalt spreader and 2 pickups
  - Grader refurbishment
  - Building repairs at Maintenance Depot
  - Roof replacements at Tilbury North Depot
  - West End Depot Redevelopment, design/approvals/construction

# West End Depot



# West End Depot



# West End Depot





# CWATS Shared Path





# CWATS Paved Shoulder



# Pavement Recycling



# Pavement Recycling





# Pavement Overlay



# CR 22/19 Intersection



# CR 21 at Pike Creek





# CR 14 at Ruscom River



# Budget Summary



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| Net Operations                      | \$ 37,141,250        | \$ 32,073,840        | \$ 38,670,920        |
| Contributions to<br>(from) Reserves | (2,382,370)          | 2,253,080            | (1,645,460)          |
| <b>County<br/>Responsibility</b>    | <b>\$ 34,758,880</b> | <b>\$ 34,326,920</b> | <b>\$ 37,025,460</b> |



# Proposed 2018 Budget



- Total expenditure level of \$48,613,000
- Increase from 2017 of \$2,266,580 or 6.5%
- Maintain and enhance existing Levels of Service
- 1.5% Levy increase for Capacity Expansion projects
- Incremental increase to OCIF funding level
- Incremental increase to Rehabilitation Program
- Incremental increase to Gas Tax allocation
- Incremental increase to CWATS funding
- Winter Control program at 5 Year average
- Negotiated salary adjustments and inflationary pressures

# Proposed 2018 Budget

- Highlights:
  - Capacity Improvement initiatives
  - Annual Rehabilitation Program
  - CWATS Implementation, maintenance
  - Engineering / Traffic Mgmt projects
  - Adjustments to wages and benefits
  - Maintenance expenditures at 2017 levels
  - Winter Control at 4 Year average
  - Municipal Drainage Assessments
  - Fleet replacements, Facility upgrades

# County Construction



- 2018 Program Highlights:
  - Total expenditure level of \$35,793,090
  - Capacity Expansion Program of \$11,139,600
  - Rehabilitation Program of \$11,321,400
  - CWATS Program of \$10,030,100
  - Increase to funding level, \$420,000 (AMP)
  - Increase from OCIF, \$156,280
  - Increase from Gas Tax, \$102,920
  - Significant Capacity Improvement initiatives, funded by reserves & planned expansion

# 2018 Rehabilitation Program



- Rehabilitation value of \$11.3 million
- Gas Tax contribution of \$2,264,240
- OCIF funding of \$531,770
- Total of 34 Projects
- 6 Bridges projects
- 18 Roads projects
- 6 Culvert / Drainage projects
- 4 Preservation projects

# 2018 CWATS



- 2018 CWATS Program (\$10.0M):
  - 17 segments, paved shoulders, signage, MUT
- Base funding level \$1.7M (increased \$100,000)
- Additional funding to support partner projects
- Paved Shoulder Rehab alignment initiative \$1.4M
- Numerous Partnership and Supportive programs
- Education and Outreach Initiatives
- Public Relations and Media Strategy
- CWATS Website and Social Media
- Community Engagement

# 2018 Capacity Improvement



- 2018 construction value \$11.1M
- CR 42 DD and property (TEC)
- CR 22 construction - Phase 6A (LS)
- CR 22 / 19 DD / Advanced Const. (TEC/LS)
- CR 46 / RTL intersection improvements (LS)
- CR 11 / STR RAB DD (TEC)
- CR 20 EA (KV/LEA)
- CR 23 reconstruct/realign (SX/KV)

# 2018 Projects



- CR 20, CR 3 CCL Pavement Rehab (LA)
- CR 22 CCL Rehab, intersection improvement (LS)
- CR 19 CCL Rehab, expansion (TEC)
- CR 34, 9, Drain Improvements
- Rural Illumination
- EA's updates CR 3, CR 7 (LA)
- Network safety reviews

# 2018 Initiatives



- Road Rationalization Study
- CWATS Master Plan update
- Intersection Illumination Program
- Traffic Control Systems upgrades
- Border related undertakings
- Salt Vulnerable Area Strategy
- eRoad Patrol, ePermitting
- Claims Management software



# 2018 Initiatives



- Traffic Count Update and software implementation
- Pavement Preservation Program
- Asset Management Plan Update
- Bridge and Culvert Condition Survey
- Culvert / Bridge Asset Mgmt Update
- Fleet / Fuel Management System
- Facility Renewal Program
- Traffic Operations projects

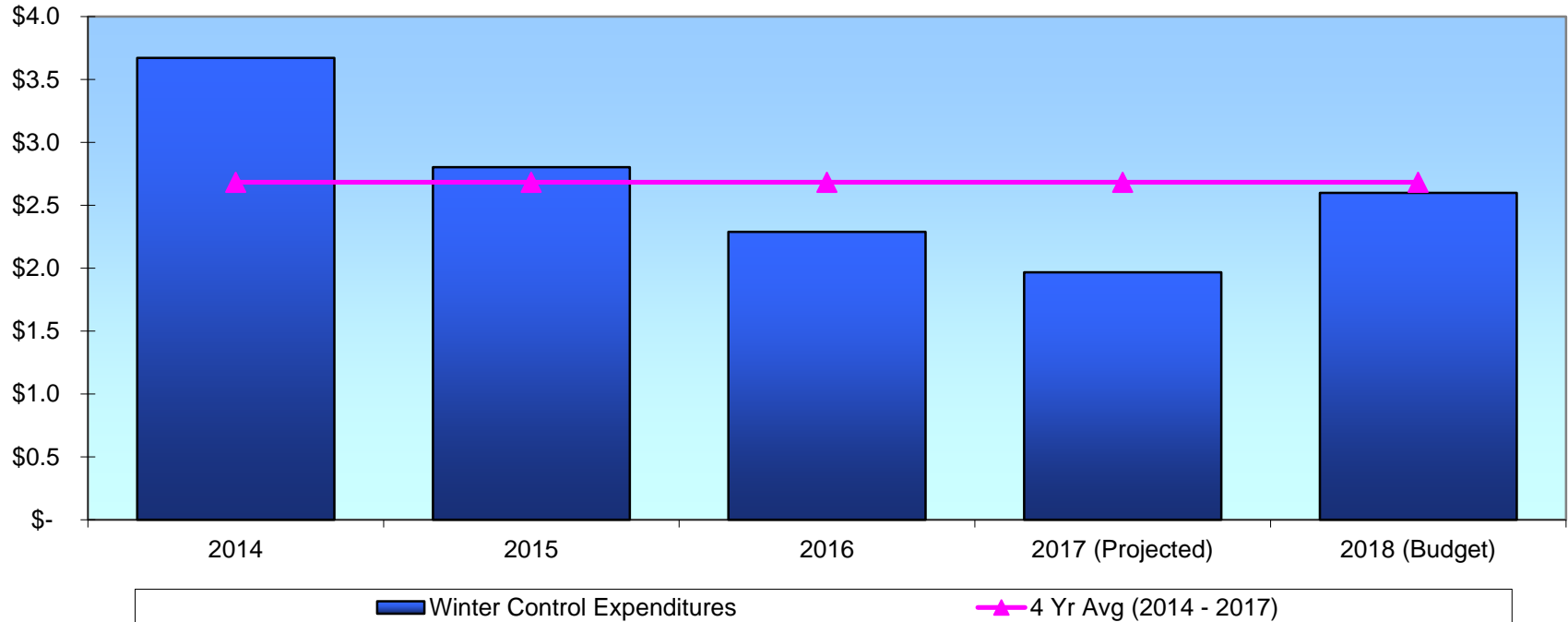
# County Maintenance



- 2018 Highlights:
  - Total expenditure level of \$9,242,000
  - Most levels of service maintained at 2017 levels
  - Winter Control at 4 Year average
  - 5 bridge repairs, small culvert replacements
  - Continued focus on upgrading line painting, CWATS maintenance, roadside operations
  - Preservation projects on bridges and culverts
  - Program to replace HPS lighting with LED

# Winter Control Expenditures

Millions



# Fleet and Facilities



- 2018 Program Highlights:
  - Total expenditure level of \$2.8M
    - Equipment Acquisitions:
      - Tandem Dump Trucks (2)
      - 1.5 Ton Dump Truck
      - Pickups (3)
      - Tractor with mower
      - Tandem truck hoist (new)
      - Mini excavator (new)

# Fleet and Facilities



- 2018 Highlights:
  - Facilities Renewal Program:
    - Window replacements – Maintenance Depot
    - Salt Spreader storage shed – Maintenance Depot
    - Site cleanup – Gesto Depot
    - Gate replacements – WPC and TN Depots
    - Interior Renovations – Engineering Office
  - Increased Amortization by \$100,000

# Facilities Operations



- 2018 Civic Centre highlights:
  - Total expenditure level of \$767,250
    - Fire Alarm Panel upgrades
    - Chemical controls upgrades, boiler and chiller plants
    - Refrigerant/Gas monitoring replacement
    - HVAC Building Management system upgrades
    - Entrance and site signage improvements
    - Parking lot curb replacements and security cameras
    - Lighting upgrades and LED conversion



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# Questions?

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