

# BARRHAVEN VISION DESTINATION TRANSIT PLANNING

September 2020



# TRANSIT VISION:

## A MIXED USE EMPLOYMENT NODE

### RAPID TRANSIT DESTINATION

### FOR BARRHAVEN

#### CHECKLIST

- ☒ Prioritizes transit to Barrhaven's employment area to promote economic development
- ☒ Connects Barrhaven's Urban Employment Area to the Airport, Higher Education, the City Center, and the greater Ottawa Area

**BARRHAVEN**

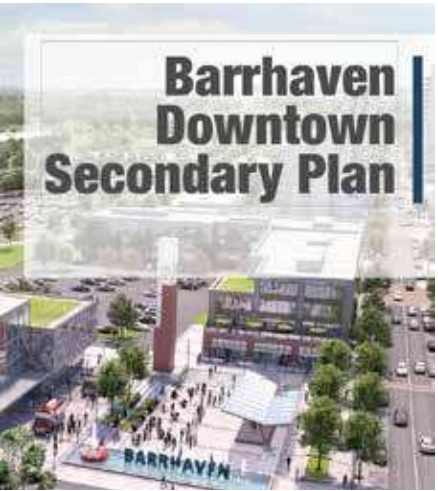
**CITIGATE**

**MIXED USE NODE**

- AMAZON
- TOMLINSON GROUP
- HOTELS
- TRINITY COMMONS
- COMMERCIAL
- COSTCO
- FUTURE MEDICAL CENTRE
- AUTO PARK
- FUTURE EMPLOYMENT

#### BASELINE STATION

- CENTREPOINTE COMMUNITY
- ALGONQUIN COLLEGE
- MERIDIAN THEATRE
- OTTAWA PUBLIC HEALTH
- COLLEGE SQUARE
- PROVINCIAL OFFENCES COURTHOUSE
- SPORTSPLEX



- NEW OTTAWA PUBLIC LIBRARY & LIBRARY AND ARCHIVES CANADA
- LABRETON FLATS
- TUNNEY'S PASTURES
- BAYVIEW YARDS
- HEALTH CANADA
- STATS CANADA
- NATIONAL HOLOCAST MUSEUM

#### BAYVIEW STATION



#### CITY CENTER

- GOVERNMENT OF CANADA
- OTTAWA CITY HALL
- BYWARD MARKET
- UNIVERISTY OF OTTAWA
- NATIONAL GALLERY
- SHOPIFY
- SHOPPING
- RESTAURANTS
- ARTS AND CULTURE



Carleton  
UNIVERSITY



Ottawa  
International Airport  
Authority

- MAJOR EMPLOYMENT CENTER
- INTERNATIONAL TRAVEL
- HOTELS

LIGHT RAIL TRANSIT

LIGHT RAIL TRANSIT

BUS RAPID TRANSIT

PROPOSED BRT EXT.

- BARRHAVEN CIVIC NODE
- PERFORMING ARTS CENTRE
- LIBRARY
- MIXED USE OFFICE
- SHOPPING
- MOVIE THEATRE
- RESTAURANTS
- URBAN RESIDENTIAL



CHECKLIST

- ✔ Supports the City's sustainable transportation objectives with Employment having access to a diverse range of mobility options
- ✔ Promotes good transit movement towards Barrhaven from other areas of Ottawa and within, facilitating an efficient 2 way use
- ✔ Help employers in Barrhaven's Urban Employment Area move to be more 'Green' and shift energy use for transportation away from fossil fuels

LEGEND

- URBAN BOUNDARY
- THE GREEN BELT
- EMPLOYMENT AREA
- LIGHT RAIL TRANSIT (LRT)
- BUS RAPID TRANSIT (BRT)
- PROPOSED BRT
- SITE



CONNECTING EMPLOYMENT WITH TRANSIT

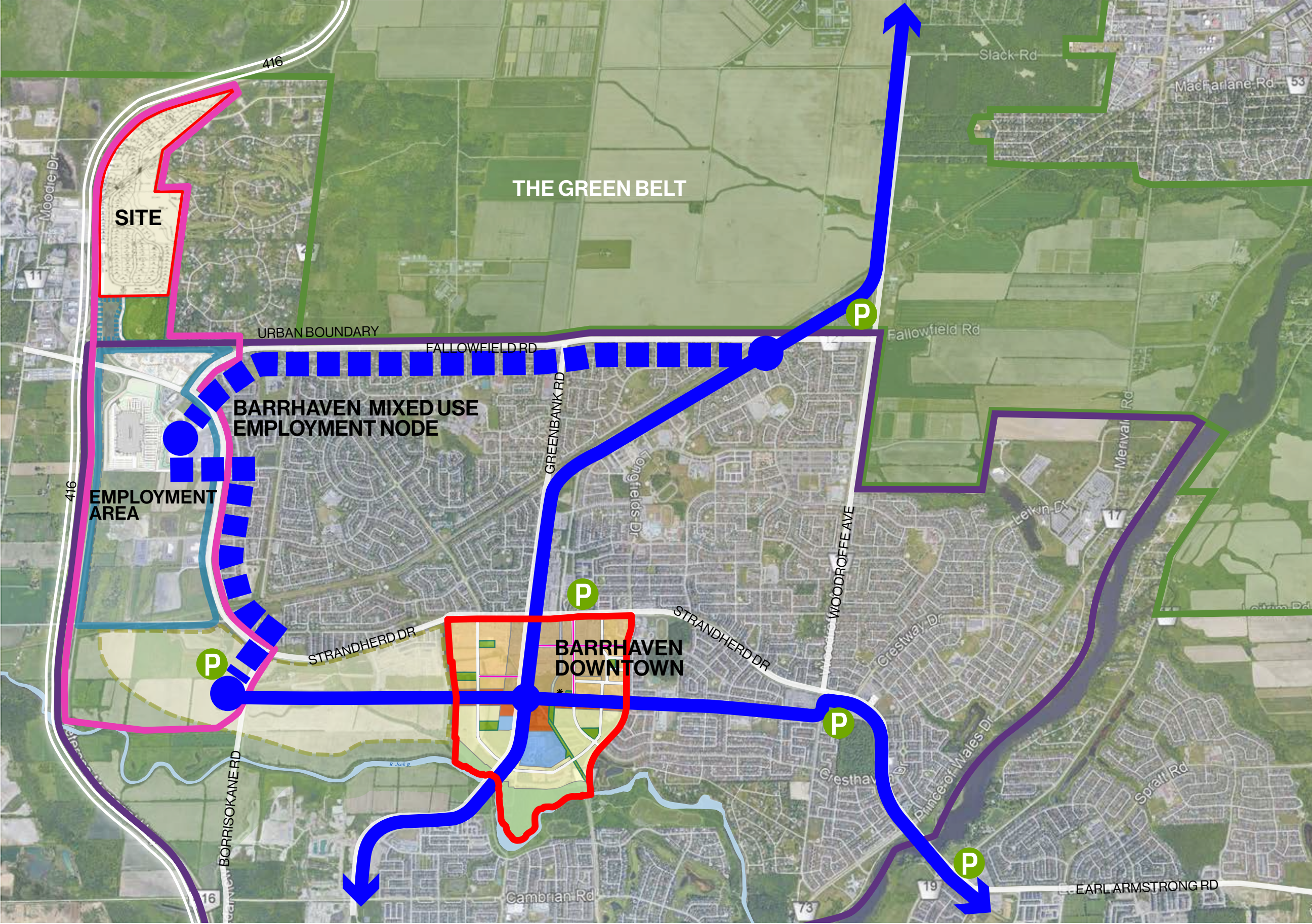


CHECKLIST

- ☒ Creation of a Mixed Use Employment Node in Barrhaven to promote good urbanism and development of compact complete communities
- ☒ Proposes bringing urban residential densities & diversity to the area to support employment and economic growth
- ☒ Densities that will help support rapid transit development and ridership within Barrhaven

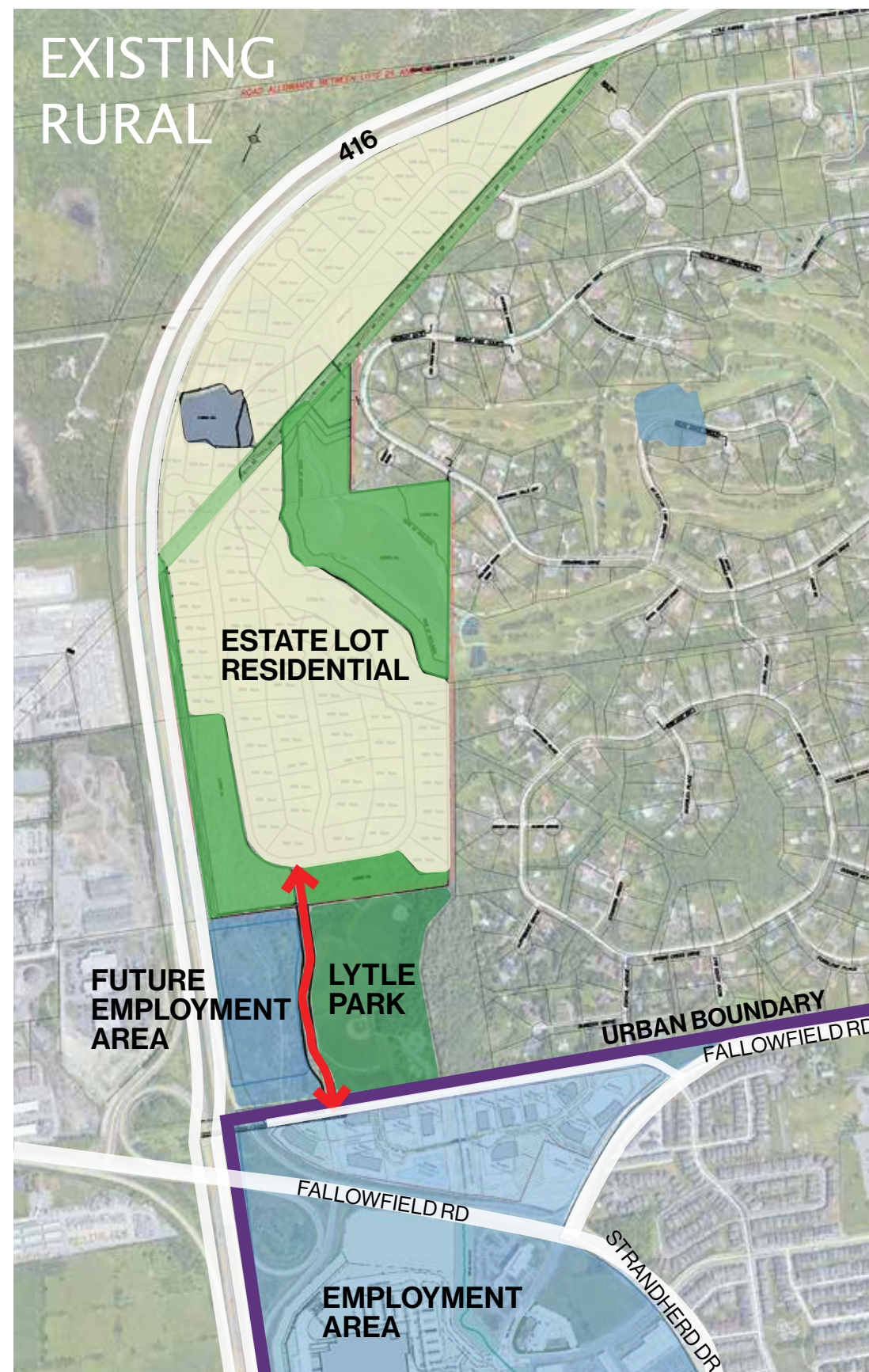
LEGEND

- URBAN BOUNDARY
- THE GREEN BELT
- EMPLOYMENT AREA
- DOWNTOWN
- BARRHAVEN MIXED USE EMPLOYMENT NODE
- BUS RAPID TRANSIT (BRT)
- PROPOSED BRT EXTENSION
- SITE
- P PARK & RIDE



MIXED USE EMPLOYMENT NODE DESTINATION



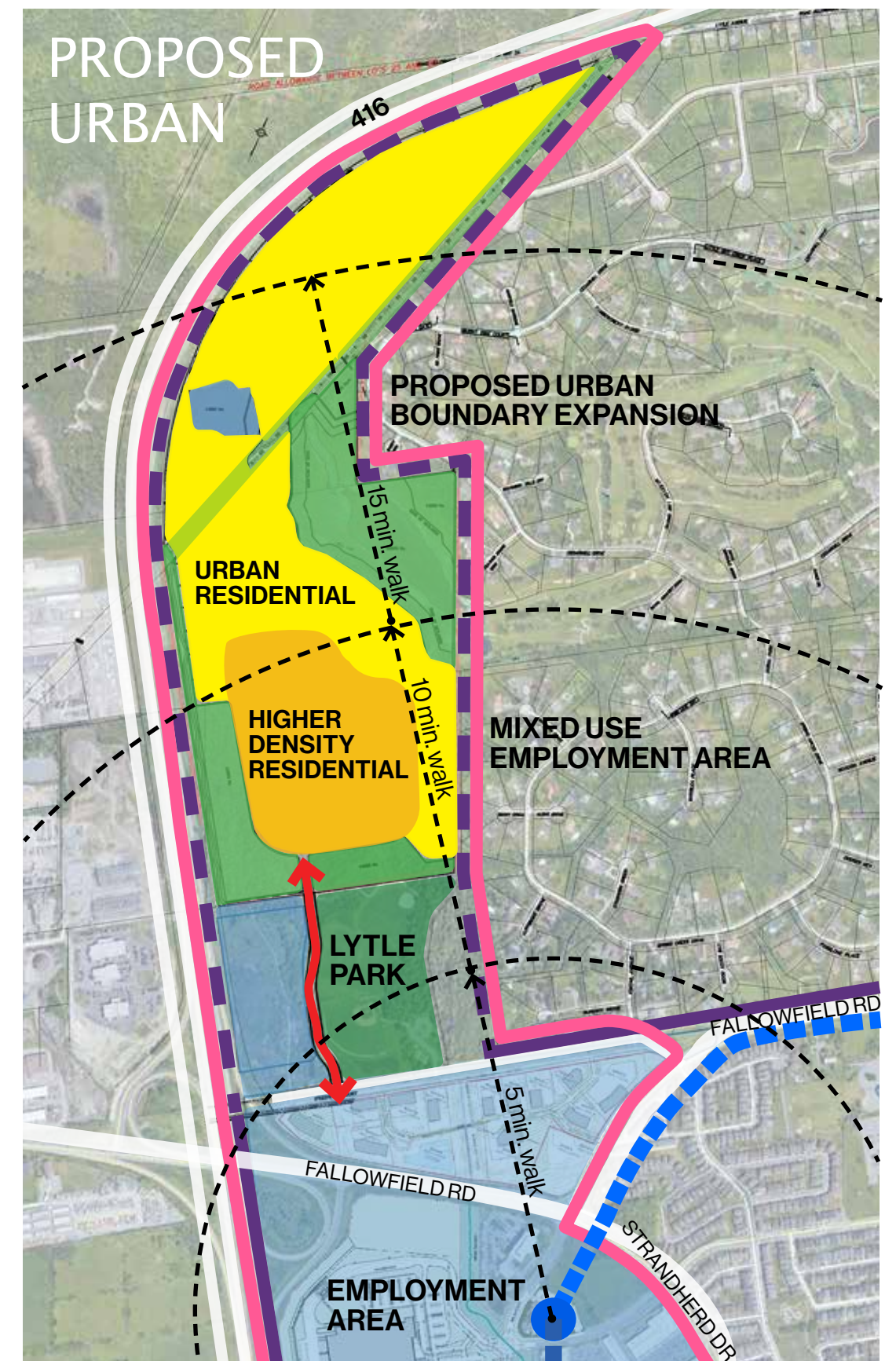


### CHECKLIST

- ☒ Logical urban expansion that will bring urban residential density to support employment & economic development
- ☒ As part of the 'Node' achieve a compact liveable 15 minute community
- ☒ Growth that brings diversity land uses and mobility options that promotes an inclusive, healthy, green, walkable and resilient community.
- ☒ Close to jobs at Citigate
- ☒ Close to commercial at Citigate

### LEGEND

- URBAN BOUNDARY
- PROPOSED URBAN BOUNDARY EXPANSION
- BARRHAVEN MIXED USE EMPLOYMENT NODE
- EMPLOYMENT
- ESTATE LOT RESIDENTIAL
- URBAN RESIDENTIAL
- HIGHER DENSITY RESIDENTIAL
- PROPOSED BRT
- ROAD CONNECTION



## CEDARVIEW RURAL VS. URBAN EXPANSION










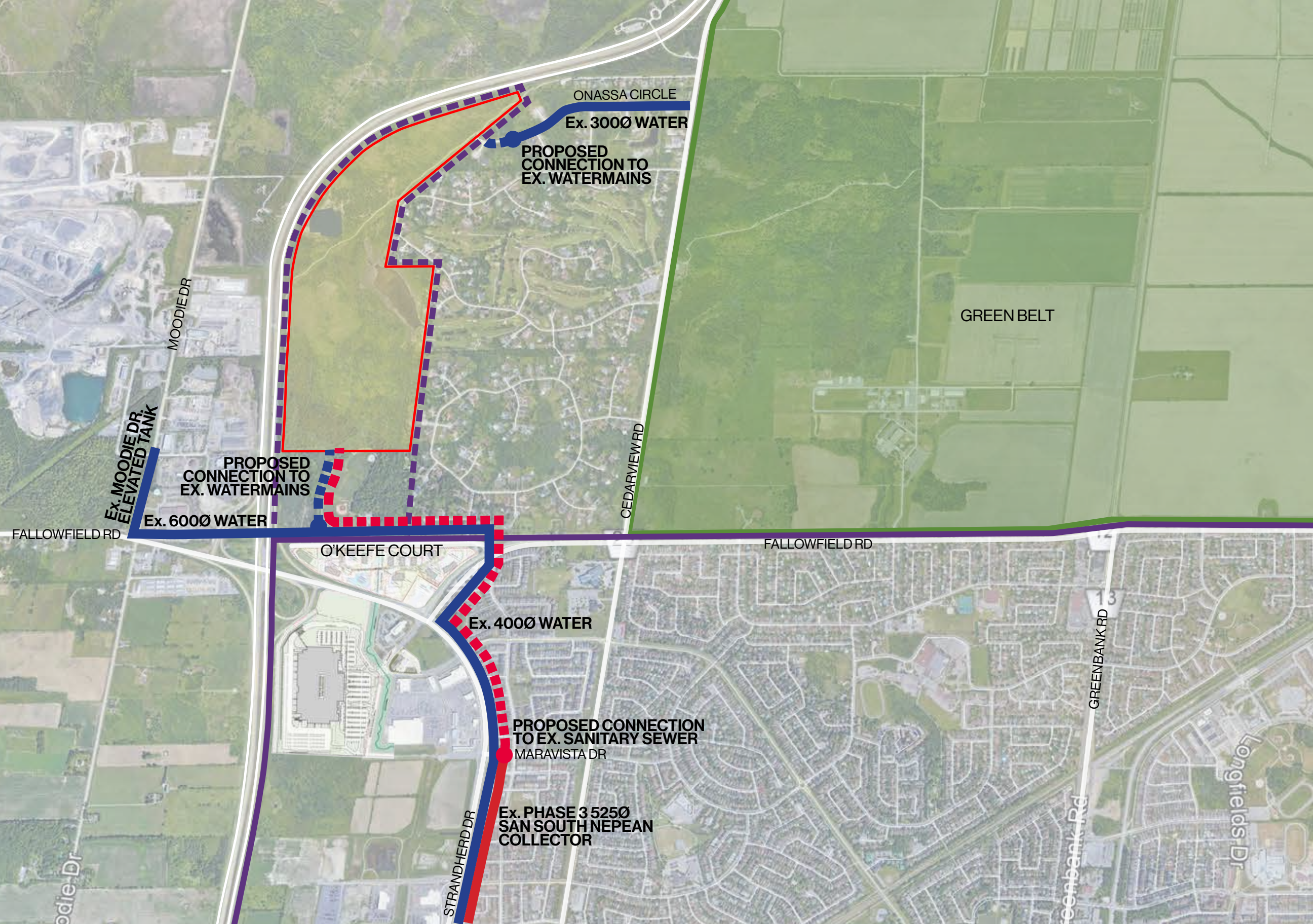
The Barrhaven CITIGATE Mixed Use Node Urban Expansion lands can be serviced by connecting directly to the surrounding municipal water and wastewater system. Current surface drainage patterns can be maintained by treating and directing all stormwater runoff to the existing drains south to the O’Keefe Drain and eventually to the Jock River.

CHECKLIST

- ☒ Access to watermains
- ☒ Access to existing wastewater connections
- ☒ Access to stormwater management outlet
- ☒ Offsite infrastructure cost/upgrade requirement minimized
- ☒ Avoiding receiving drainage systems
- ☒ No grade raise issues

LEGEND

-  CEDARVIEW SITE
-  CURRENT URBAN BOUNDARY
-  WATERMAINS
-  SANITARY
-  PROPOSED URBAN BOUNDARY
-  PROPOSED WATERMAINS
-  PROPOSED SANITARY SEWER



# CEDARVIEW SERVICEABILITY



**LEGEND**

- URBAN BOUNDARY
- URBAN BOUNDARY EXPANSION
- BARRHAVEN MIXED USE EMPLOYMENT NODE
- LIGHT RAIL TRANSIT
- BUS RAPID TRANSIT
- GREEN BELT
- EMPLOYMENT AREA
- RESIDENTIAL AREA
- PARK AND RIDE

‘AN URBAN EXPANSION AND TRANSIT VISION THAT ACHIEVES LOGICAL GROWTH, IMPROVED MOBILITY, URBAN DESIGN INNOVATION, COMMUNITY RESILIENCY AND SUPPORTS OTTAWA AND BARRHAVEN’S ECONOMY.’

