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Communication

CW(WS) – June 5, 2024

Item No. 3

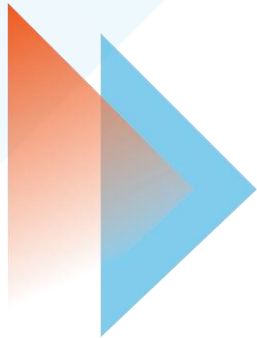
Weston 7 Transportation Master Plan

Committee of the Whole (Working
Session)

June 5, 2024



Agenda



1. Summary of Analysis
2. Weston 7 Preferred Network
3. Recommendations



Acknowledgements

City Project Team

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Consultant Project Team (WSP)

Brett Sears

Jeremy Finkleman

Summary of Analysis

Base Assumptions

- ▶ Key infrastructure improvements have been assumed to be completed by 2041 per the York Region Transportation Master Plan, including:
 - Completion of Langstaff Road between Highway 7 to Weston Road (6 lanes and flyover of CN rail yard)
 - Widenings of other major arterials such as Steeles Ave, Weston Rd and Keele St
 - Transit improvements such as BRT on Jane Street and on Steeles Avenue.

Growth Scenarios

	People	Jobs	Combined (p+j)
W7 Phased Buildout	15,840	10,041	25,881
W7 Full Buildout (Mar 2021)	53,497	15,551	69,048
W7 Full Buildout (Oct 2023)	40,750	13,750	54,500

Scenario Analysis

▶ Weston 7 Full Buildout (Mar 2021)

1. Base “2041 York Region” assumptions
2. Revised assumptions – “2041 York Region” assumptions plus:
 - Reduced number of trips per person
 - Reduced residential parking supply
 - Increased parking costs
 - Improved transit service

▶ Weston 7 Phased Buildout

3. With Revised assumptions

Full Buildout scenarios **exceeded** transportation network capacity.
Phased Buildout was **within** transportation network capacity.

Analysis Summary

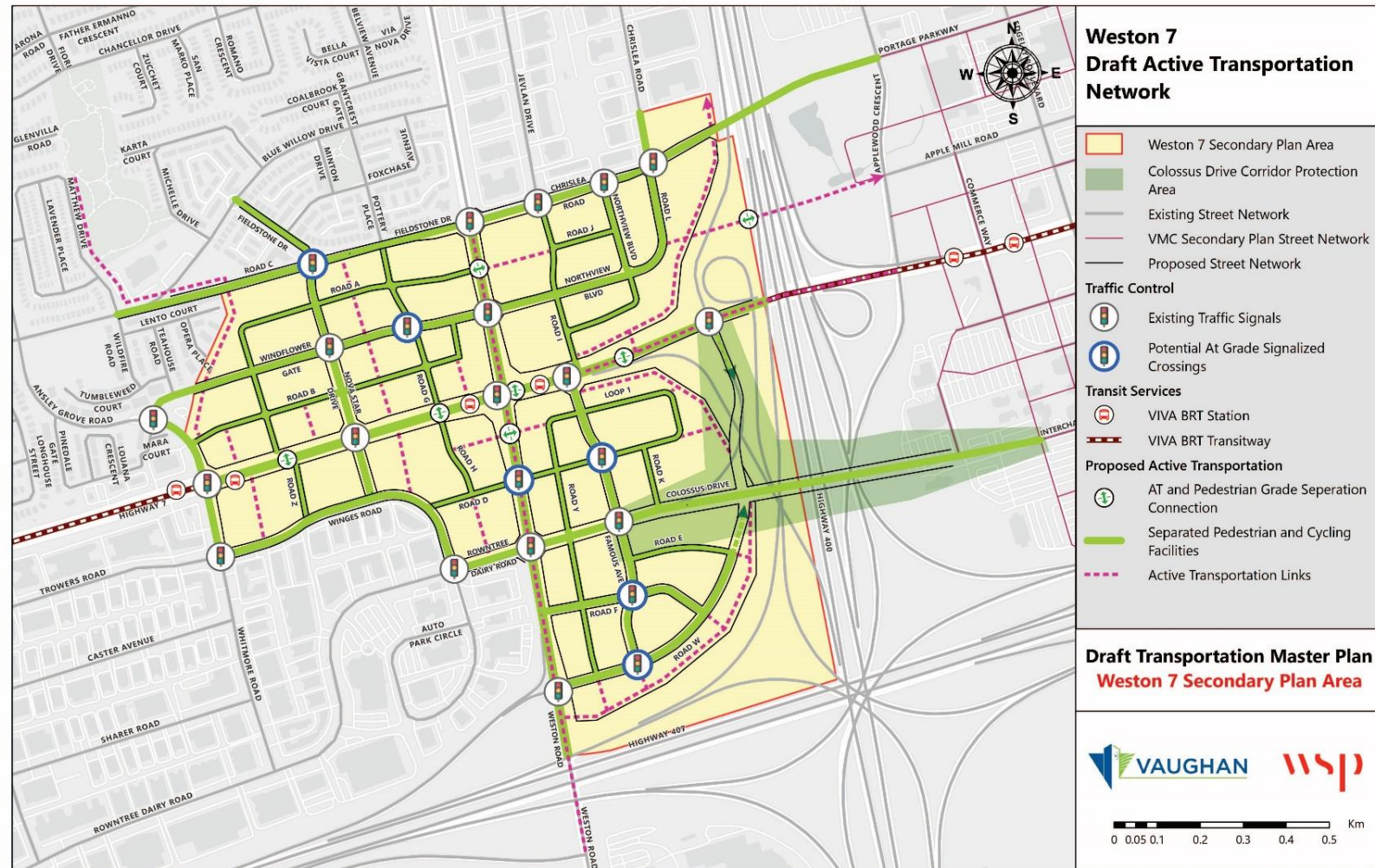
- ▶ Infrastructure assumed to be in place by 2041 in greater York Region can only support the Weston 7 Phased Buildout growth scenario
- ▶ Additional measures including new infrastructure and demand management will be necessary to achieve Weston 7 Full Buildout
- ▶ Weston 7 transportation network is designed to leverage these additional measures in anticipation of Weston 7 Full Buildout

Weston 7 Preferred Network

Multi-Modal Transportation System

► Active Transportation Network

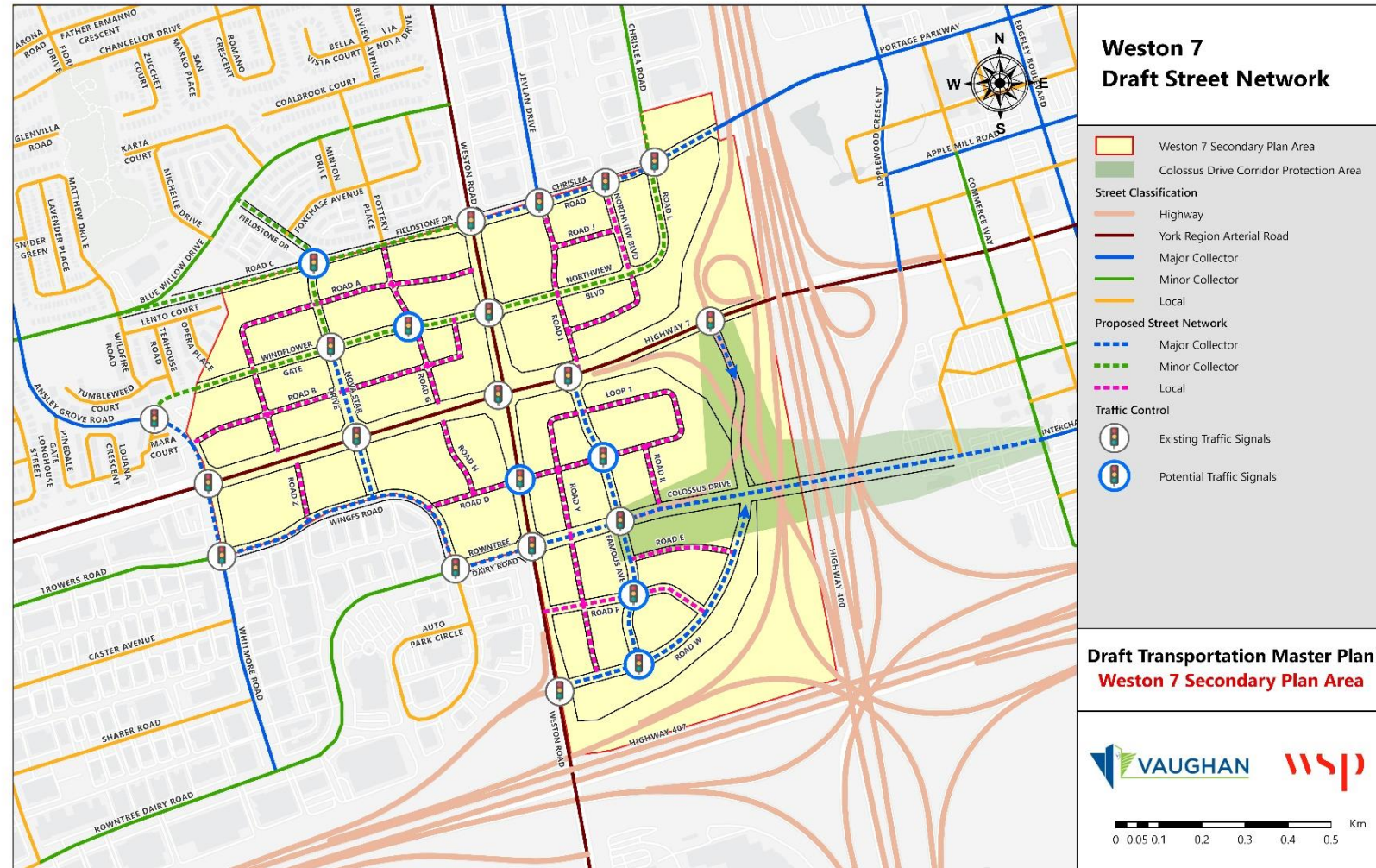
- Fine-grid and porous network
- Proposes new options to cross arterial roads and highways



Multi-Modal Transportation System

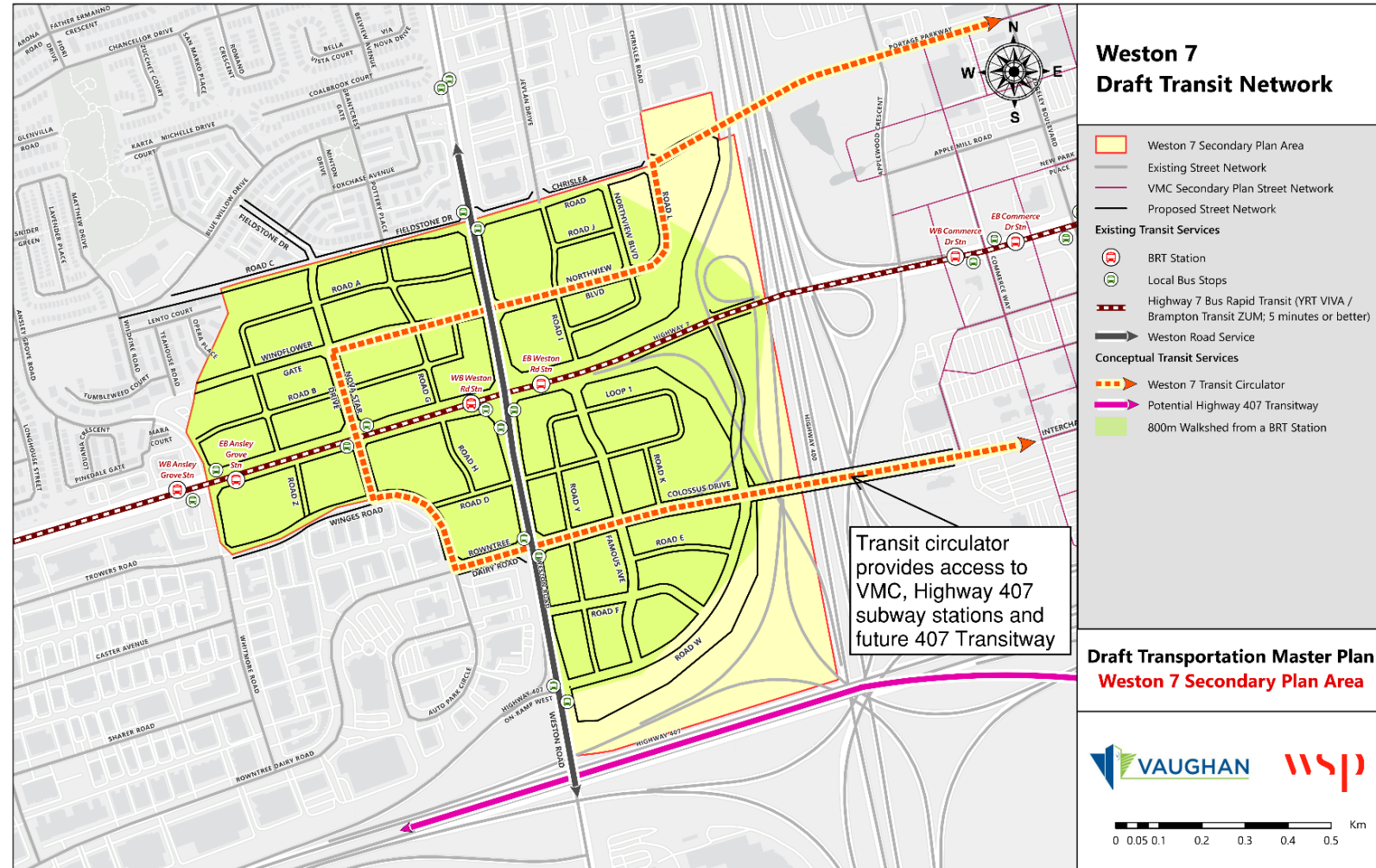
► Street Network

- Establish minimum rights-of-way to create safety for all users
- Protect for future Colossus Drive Extension



Multi-Modal Transportation System

- ▶ Transit Network
 - Improved frequency for all routes connecting to Weston 7
 - New BRT transitway on Jane Street
 - Transit circulator service



Recommendations

Implementation

- ▶ Development is held within a quadrant until:
 - The lands for the collector street network are secured in that quadrant.
 - The lands for key active transportation infrastructure are secured in that quadrant.
- ▶ Establish a growth threshold of ~26,000 people and jobs for Weston 7
- ▶ Before exceeding threshold, complete:
 1. Broader area improvements (e.g. Langstaff flyover)
 2. Key components of Weston 7 network
 3. Study and discussions for new improvements and demand management measures to achieve Weston 7 Full Buildout

Follow-up Actions

- ▶ Continued studies and discussions on new infrastructure and demand management measures to achieve Weston 7 Full Buildout:
 - New infrastructure identified should be in context of 2051 anticipated growth for all of Vaughan
 - Demand management measures could include reducing transportation demand (e.g. parking) to achieve Weston 7 Full Buildout

Next Steps

- ▶ Seek approval in principle of the TMP findings and recommendations.
- ▶ Receive comments from Weston 7 Landowners Group and Technical Advisory Committee.
- ▶ Refine implementation policies with Policy Planning.
- ▶ Summarize comments and responses and report back to Council when Secondary Plan and TMP are finalized.