PROPOSED CONDITIONS

MATCHLINE = STA. 0+150
FROM STA. 0+000 TO STA. 0+150

FRANKLIN STREET SOUTH

H1:250  V1:50

WILSON AVENUE
GREENFIELD AVENUE

P.CLOUTIER
CONSULTANT DWG. No: 126243

NOTES:
SERVICE CONNECTIONS
- ALL WATER SERVICE CONNECTIONS ARE 25mm∅ P.E. PIPE WITH SERVICE BOXES SET ON PROPERTY LINE, UNLESS OTHERWISE NOTED
- STORM SERVICES ARE 150mm∅ PVC DR 28, AND CONNECTION TO EXISTING WILL BE AT PROPERTY LINE, UNLESS OTHERWISE DIRECTED.
- SANITARY SERVICES ARE 100mm∅ OR 150mm∅ PVC DR 28, AND CONNECTION TO EXISTING WILL BE AT PROPERTY LINE, UNLESS OTHERWISE DIRECTED.
- FOR PARALLEL INSTALLATION OF WATERMAIN AND A SANITARY/STORM SEWER (INCLUDING A CATCHBASIN LEAD), PROVIDE MINIMUM 2.5m CLEAR HORIZONTAL SEPARATION DISTANCE FROM PIPE EDGE TO PIPE EDGE. FOR CROSSING OF A WATERMAIN BELOW OR ABOVE A SANITARY/STORM SEWER (INCLUDING A CATCHBASIN LEAD) PROVIDE A 0.5m CLEAR VERTICAL SEPARATION DISTANCE BETWEEN CROWN WATERMAIN AND INVERT OF SEWER.

PAVEMENT STRUCTURE
FRANKLIN ST. S. AND GREENFIELD AVE.
HL3 SURFACE ASPHALT-40mm
HL4 BINDER ASPHALT-80mm
GRANULAR "A" BASE-150mm
GRANULAR "B" BASE-450mm
ALL RESIDENTIAL DWY.'S PER COK 109. ALL SIDEWALK RAMPS PER COK 116, AND 117. SIDEWALK AT INDUSTRIAL, COMMERCIAL AND HIGH DENSITY RESIDENTIAL PROPERTIES TO BE A THICKNESS OF 200mm.

OTHER UTILITIES
- TEMPORARY SUPPORT OF EXISTING UTILITY POLES MUST BE APPROVED BY KITCHENER-WILMOT HYDRO. ALL ASSOCIATED COSTS WILL BE THE RESPONSIBILITY OF CONTRACTOR.
- SERVICE CONNECTION INFORMATION MAY BE INCOMPLETE, OR ONLY GENERALLY ACCURATE. SOME SANITARY SERVICES MAY ALSO HAVE SEPARATE CELLAR DRAIN PIPES.
- PROPOSED SANITARY AND/OR WATER SERVICES TO BE TUNNELLED TO AVOID CONFLICTS WITH TREES, PLANTING BEDS, ETC.
- IDENTIFIES LOTS APPEARING TO HAVE MULTIPLE SANITARY SERVICES.

BOREHOLES
MANHOLES, CATCHBASIN MANHOLES, CATCHBASINS
- GRATE ELEVATIONS ARE THE FINISHED PAVEMENT ELEVATION AT THE CENTRE OF THE STRUCTURE.
- SIDE INLET CATCHBASIN GRATE ELEVATION ARE THE TOP OF CURB ELEVATION.
- MANHOLE TAPER CONES AND FRAMES SHALL BE ROTATED TO ENSURE THE COVER IS NOT POSITIONED IN THE WHEEL PATH.

STORM SEWER PIPE MATERIAL
- UNLESS OTHERWISE NOTED AS PER THE DGSSMS C.3.1.7 THE CONTRACTOR MAY CHOOSE TO INSTALL EITHER PVC DR-35 (CSA B182.2) OR HDPE (CSA 182.8 - WATERTIGHT GASKETS) WITH INTEGRAL BELL AND PVC (CSA 182.2) FITTINGS, OR CONC. REFER TO REPORT No: 160-P-0019248-0-12-111-GE-R-0001-00 BY ENGLOBE DATED JANUARY 2020.

WILSON AVE. AND CONNAUGHT ST.
HL3 SURFACE ASPHALT-40mm
HL4 BINDER ASPHALT-100mm
GRANULAR "A" BASE-150mm
GRANULAR "B" BASE-450mm
PROPOSED CONDITIONS
FRANKLIN STREET SOUTH

FROM STA. 0+150 TO STA. 3+300

NOTES:

SERVICE CONNECTIONS

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PAVEMENT STRUCTURE

FRANKLIN ST. S. AND GREENFIELD AVE.
- HL3 SURFACE ASPHALT-40mm
- HL4 BINDER ASPHALT-80mm
- GRANULAR "A" BASE-150mm
- GRANULAR "B" BASE-450mm

ALL RESIDENTIAL DWY.'S PER COK 109. ALL SIDEWALK RAMPS PER COK 116, AND SIDEWALK AT INDUSTRIAL, COMMERCIAL AND HIGH DENSITY RESIDENTIAL PROPERTIES TO BE A THICKNESS OF 200mm.

OTHER UTILITIES

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REFER TO REPORT No: 160-P-0019248-0-12-111-GE-R-0001-00 BY ENGLOBE DATED JANUARY 2020.

WILSON AVE. AND CONNAUGHT ST.
- HL3 SURFACE ASPHALT-40mm
- HL4 BINDER ASPHALT-100mm
- GRANULAR "A" BASE-150mm
- GRANULAR "B" BASE-450mm
MATCHLINE = STA. 0+300 TO STA. 0+450
FRANKLIN STREET SOUTH

NOTES:
SERVICE CONNECTIONS
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WILSON AVE. AND CONNAUGHT ST.
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NOTES:
- PROPOSED SANITARY AND/OR WATER SERVICES TO BE TUNNELLED TO AVOID CONFLICTS WITH TREES, PLANTING BEDS, ETC.
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PAVEMENT STRUCTURE
FRANKLIN ST. S. AND GREENFIELD AVE.
HL3 SURFACE ASPHALT - 40mm
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OTHER UTILITIES
TEMPORARY SUPPORT OF EXISTING UTILITY POLES MUST BE APPROVED BY KITCHENER-WILMOT HYDRO. ALL ASSOCIATED COSTS WILL BE THE RESPONSIBILITY OF CONTRACTOR.

P.CLOUTIER
CONTRACT NO:
126243
126243
126243

TXX-XXX
IBI GROUP
101 - 410 Albert Street
Waterloo ON  N2L 3V3 Canada
tel 519 585 2255
ibigroup.com

OTHER UTILITIES
SERVICE CONNECTIONS
T
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Franklin Street South

Notes:
- Proposed Sanitary and/or Water services to be tunnelled to avoid conflicts with trees, planting beds, etc.
- Identifies lots appearing to have multiple sanitary services.

Service Connections:
- All water service connections are 25mm ∅ P.E. pipe with service boxes set on property line, unless otherwise noted.
- Storm services are 150mm ∅ PVC DR 28, and connection to existing will be at property line, unless otherwise directed.
- Sanitary services are 100mm ∅ or 150mm ∅ PVC DR 28, and connection to existing will be at property line, unless otherwise directed.

For parallel installation of watermain and a sanitary/storm sewer (including a catchbasin lead), provide minimum 2.5m clear horizontal separation distance from pipe edge to pipe edge. For crossing of a watermain below or above a sanitary/storm sewer (including a catchbasin lead), provide a 0.5m clear vertical separation distance between crown watermain and invert of sewer.

Pavement Structure:
- Franklin St. S. and Greenfield Ave.
  - HL3 surface asphalt - 40mm
  - HL4 binder asphalt - 80mm
  - Granular "A" base - 150mm
  - Granular "B" base - 450mm
- All residential dwy.'s per COK 109. All sidewalk ramps per COK 116, and 117. Sidewalk at industrial, commercial and high density residential properties to be a thickness of 200mm.

Other Utilities:
- Temporary support of existing utility poles must be approved by Kitchener-Wilmoth Hydro. All associated costs will be the responsibility of the contractor.
- Service connection information may be incomplete, or only generally accurate. Some sanitary services may also have separate cellar drain pipes.

Boreholes:
- Manholes, catchbasin manholes, catchbasins
  - Grate elevations are the finished pavement elevation at the centre of the structure.
  - Side inlet catchbasin grate elevation are the top of curb elevation.
  - Manhole taper cones and frames shall be rotated to ensure the cover is not positioned in the wheel path.

Storm sewer pipe material:
- Unless otherwise noted as per the DGSSMS C.3.1.7, the contractor may choose to install either PVC DR-35 (CSA B182.2) or HDPE (CSA 182.8 - watertight gaskets) with integral bell and PVC (CSA 182.2) fittings, or conc.
  - Refer to report No: 160-P-0019248-0-12-111-GE-R-0001-00 by Englobe dated January 2020.

Wilson Ave. and Connaught St.
- HL3 surface asphalt - 40mm
- HL4 binder asphalt - 100mm
- Granular "A" base - 150mm
- Granular "B" base - 450mm

Development Services
Engineering Division
The Corporation Of The City Of Kitchener
101 - 410 Albert Street
Waterloo, On, N2L 3V3 Canada
tel 519 585 2255
ibigroup.com
The position of the pole lines, conduits, watermains, sewers, and other utilities and structures are not necessarily shown on the contract drawings, and where shown, the accuracy of the position of such utilities and structures is not guaranteed. The contractor shall confirm the position and exact location of all such utilities, and shall assume all liability for any damage to them made during the course of the contract work.

Notes:
- Service connections
  - All water service connections are 25mm∅ P.E. pipe with service boxes set on property line, unless otherwise noted.
  - Storm services are 150mm∅ PVC DR 28, and connection to existing will be at property line, unless otherwise directed.
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    - HL3 Surface Asphalt - 40mm
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  - All residential dwy.'s per COK 109. All sidewalk ramps per COK 116, and 117. Sidewalk at industrial, commercial and high density residential properties to be a thickness of 200mm.

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