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**REPORT ON**

**ENVIRONMENTAL ASSESSMENT  
YORK RAPID TRANSIT PLAN  
HIGHWAY 7 ROUTE CORRIDOR AND VAUGHAN  
NORTH-SOUTH  
REGIONAL MUNICIPALITY OF YORK, ONTARIO**

Submitted to:

York Consortium 2002  
1 West Pearce Street, 6<sup>th</sup> Floor  
Richmond Hill, Ontario  
L4B 3K3

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## EXECUTIVE SUMMARY

Golder Associates Ltd. was retained by the York Consortium 2002, on behalf of York Region Transit, to identify potential sources of contaminated materials along proposed routes being considered for future expansion of transit services in The Region of York. The information in this report was requested by the Consortium to assist them in selecting a preferred transit route along the Highway 7 corridor.

Golder reviewed data collected through searches of the Ontario Ministry of the Environment databases and publications, the Technical Standards and Safety Authority, research at the Metro Toronto Reference Library, York Region and a visual reconnaissance of the proposed Highway 7 route options. Based on the route options and sub-options defined by the Consortium, a summation of properties which represent a potential environmental concern to transit route development is presented below.

<b>Total Number of Properties Representing Potential Environmental Concern for Evaluation 1-A</b>				
<b>Environmental Risk Rating</b>	<b>Route Options bounded by Center Street and Hunter's Point</b>			
	<b>Highway 7</b>	<b>Hydro Right-of-Way</b>	<b>Jane-Steeles-Keele</b>	<b>Center-Bathurst</b>
Low	0	0	1	2
Medium	0	0	0	3
High	0	0	1	1
Total	0	0	2	6

<b>Total Number of Properties Representing Potential Environmental Concern for Evaluation 1-B</b>			
<b>Environmental Risk Rating</b>	<b>Route Options bounded by Jane Street and Keele Street</b>		
	<b>Highway 7</b>	<b>Hydro Right-of-Way</b>	<b>Jane-Steeles</b>
Low	2	0	0
Medium	3	0	0
High	4	0	0
Total	9	0	0

<b>Total Number of Properties Representing Potential Environmental Concern for Evaluation 1-C</b>		
<b>Environmental Risk Rating</b>	<b>Route Options bounded by Keele Street and Center Street</b>	
	<b>Highway 7</b>	<b>Hydro Right-of-Way</b>
Low	1	0
Medium	1	0
High	2	0
Total	4	0

<b>Total Number of Properties Representing Potential Environmental Concern for Evaluation 2</b>		
<b>Environmental Risk Rating</b>	<b>Route Options bounded by Yonge Street and Bayview Avenue</b>	
	<b>Highway 7</b>	<b>High Tech Road</b>
Low	0	0
Medium	0	0
High	0	0
Total	0	0

<b>Total Number of Properties Representing Potential Environmental Concern for Evaluation 3-A</b>		
<b>Environmental Risk Rating</b>	<b>Route Options bounded by Woodbine Avenue and Town Center Boulevard</b>	
	<b>Highway 7</b>	<b>Markham Center</b>
Low	0	0
Medium	0	0
High	1	0
Total	1	0

<b>Total Number of Properties Representing Potential Environmental Concern for Evaluation 3-B</b>		
<b>Environmental Risk Rating</b>	<b>Route Options bounded by Town Center Boulevard and Main Street Unionville</b>	
	<b>Highway 7</b>	<b>Markham Center</b>
Low	2	0
Medium	1	0
High	1	0
Total	4	0

<b>Total Number of Properties Representing Potential Environmental Concern for Evaluation 3-C</b>			
<b>Environmental Risk Rating</b>	<b>Route Options bounded by Main Street Unionville and Kennedy Road</b>		
	<b>Highway 7</b>	<b>Markham Center / with Main Street Exit</b>	<b>Markham Center / with Kennedy Road Exit</b>
Low	0	0	1
Medium	5	1	0
High	1	1	1
Total	6	2	2

<b>Total Number of Properties Representing Potential Environmental Concern for Evaluation 4</b>			
<b>Environmental Risk Rating</b>	<b>Route Options bounded by 9<sup>th</sup> Line and Ressor Road</b>		
	<b>Highway 7</b>	<b>Hospital Option 1</b>	<b>Hospital Option 2</b>
Low	0	0	0
Medium	0	0	0
High	0	0	0
Total	0	0	0

As noted previously the evaluation options and sub-options reported above was defined by the Consortium and includes reporting on 34 properties which have the potential to represent environmental concern. It should be noted that during the historical and database research as well as the visual reconnaissance of the proposed route options Golder identified a total of 74 properties along the Highway 7 corridor and adjacent route options.

Information attributed to all properties identified as a potential environmental concern is detailed in Table 1 - Potential Environmental Concerns - Highway 7 Route Alignment Options. The information details municipal address, current property usage, historical usages and risk ranking rationale. Property locations are illustrated on the Highway 7 Route Options Map.

Golder developed a risk ranking scheme to assist the Consortium in identifying an associated level of possible chemical contamination for each property listed as a potential environmental concern. Rankings were assigned on the assumption that a chemical release had occurred. The ranking should not be construed to represent actual or expected levels of contamination.

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## 1.0 INTRODUCTION

Golder Associates Ltd. (“Golder”) was retained by the York Consortium 2002 (the “Consortium”), on behalf of York Region Transit (“York Transit”), to identify potential sources of contaminated materials along proposed routes being considered for future development of transit services in The Region of York (“York Region”). The information was requested by the Consortium to assist them in selecting a preferred transit route along the Highway 7 corridor.

This report was prepared as part of the requirement for the preparation of the Environmental Assessment that is to be submitted for the Highway 7 transitway route options.

### 1.1 Route Option Evaluations

The consortium has identified several transitway route options evaluation criteria. The alternatives are shown on the **Highway 7 Route Options Map** (“Route Map”, attached) and are described below.

- *Evaluation 1-A* considers the section of Highway 7 bounded by Centre Street and Hunter’s Point versus the following alignment options between the same boundaries; Hydro Right-Of-Way option, Jane Street-Steeles Avenue-Keele Street option and Centre Street-Bathurst Street option.
- *Evaluation 1-B* considers the section of Highway 7 bounded by Jane Street and Keele Street versus the following alignment options between the same boundaries; Hydro Right-Of-Way option and the Jane Street-Steeles Avenue option.
- *Evaluation 1-C* considers the section of Highway 7 bounded by Keele Street and Centre Street versus the Hydro Right-Of-Way option between the same boundaries.
- *Evaluation 2* considers the section of Highway 7 bounded by Yonge Street and Bayview Avenue versus the High Tech Road alignment between the same boundaries.
- *Evaluation 3-A* considers the section of Highway 7 between Woodbine Avenue and Town Centre Boulevard versus the Markham Centre alignment between the same boundaries.
- *Evaluation 3-B* considers the section of Highway 7 between Town Centre Boulevard and Main Street Unionville versus the Markham Centre alignment between the same boundaries.
- *Evaluation 3-C* considers the section of Highway 7 between Main Street Unionville and Kennedy Road versus the Markham Centre alignment between the same boundary.
- *Evaluation 4* considers the section of Highway 7 between 9<sup>th</sup> Line and Reesor Road versus the two Hospital alignment options between the same boundaries.

## 2.0 SCOPE OF WORK

### 2.1 Information Resources

The environmental review for the proposed transitway route options included the following activities:

- A review of City Directories available at the Metropolitan Toronto Reference Library in Toronto, Ontario (the “MTRL”);
- A review of historical Fire Insurance Plans (“FIPs”) issued by the Insurers’ Advisory Organization (“IAO”) available at the MTRL;
- A visual reconnaissance of the route options to document current land usages which may represent a potential source of environmental concern;
- A review of the Ontario Ministry of the Environment’s (“MOE’s”) inventories of waste disposal sites, coal tar and gasification plant waste sites, and sites producing or using coal tar and related tars;
- A review of the MOE databases on registered polychlorinated biphenyl (“PCB”) storage sites and waste generators;
- A review of the MOE database on reported spills incidents, maintained by the Spills Action Centre;
- A review of the Technical Standards and Safety Authority (“TSSA”) database of registered underground storage tanks (“USTs”) and aboveground storage tanks (“ASTs”);
- A review of aerial photographs obtained from York Region; and
- York Region was contacted to establish if there was any information on file pertaining to potential contaminated lands along the proposed transitway routes.

### 2.2 Reporting

Based on the results of the above activities, properties which were considered to represent a potential environmental concern have been plotted on the Route Map. Information attributed with each of these properties is detailed in **Table 1** (attached). Golder determined that properties or locations reported by MOE and TSSA database searches and from information provided by York Region duplicated properties identified in Table 1. These properties are therefore not illustrated on the Route Map.

At the time of the writing of this report Golder had not received any information regarding spills incidents from the Spills Action Centre. When Golder receives a response it will be reviewed and if any significant issues of potential environmental concern are noted they will be forwarded to the Consortium for inclusion in this report.

Golder developed a risk ranking scheme to assist in identifying the potential sources of impacts and to assess the potential risk along the Highway 7 route options. A detailed discussion of this scheme and its application to the collected data is included in Section 4 of this report.

### **3.0 ENVIRONMENTAL REVIEW**

#### **3.1 City Directories**

A review of the Might's Suburban Metro Toronto and the Metro Toronto Satellite's City Directories ("City Directories") located at the MTRL was conducted to document historical property usages that may represent potential sources of environmental concern (i.e. gas stations, automobile service centres, dry cleaners and industrial operations). Information collected provided an historical account of activities associated with a municipal address based on the past property ownership and business operation. The search of the City Directories included the following years: 2001, 1995, 1991, 1985, 1981, 1975, 1970, 1965 and 1960. As mentioned earlier the results of this search are presented in Table 1 and illustrated on the Route Map.

It should be noted that municipal addresses which became incorporated into business expansions or other land use developments (e.g. commercial plazas, malls or residential developments) were not further listed in the City Directories after their development. Based on this condition Golder could not document the complete history for some properties that were identified in the pre-development time period. Properties affected by development were still considered as a potential environmental concern and are included in the final results.

#### **3.2 Insurers' Advisory Organization 1989 Inc. (IAO)**

Golder reviewed available FIPs for properties adjacent to the Highway 7 route options at the MTRL. Information obtained from an April 1960 FIP, included the existence of historic USTs or ASTs associated with properties in portions of York Region that were developed prior to 1960. Locations considered to represent a source of potential environmental concern were documented and are included in the final results.

#### **3.3 Visual Reconnaissance**

A visual reconnaissance of current land uses was conducted on February 18, 2003 to document business operations which may represent a potential source of environmental concern. Operations identified as a potential source of contamination (i.e. gas stations, automobile service centres, dry cleaners and industrial operations) were documented in the field and the results of this research are detailed in Table 1 and illustrated on the route Map.

### 3.4 MOE Databases and Publications

The following MOE databases and publications were reviewed to identify potential sources of impact along the transitway alternative routes.

- The database entitled: “*Ontario Inventory of PCB Storage Sites*” and dated 1999 was reviewed to identify PCB storage sites in the vicinity of the transitway routes;
- The database entitled: “*Waste Generator Database*” was reviewed to identify registered generators of hazardous waste in the vicinity of the transitway routes;
- The database entitled: “*Waste Disposal Site Inventory*” and dated June, 1991 was reviewed to identify registered open and closed landfill sites in the vicinity of the transitway routes;
- The database entitled: “*Spills Incidents Reports,*” maintained by the MOE Spills Action Centre was reviewed to identify reported spills incidents along the transitway routes;
- The publication entitled: “*Inventory of Coal and Gasification Plant Waste Sites in Ontario*”, prepared by INTERA for the MOE and dated April 1987, was reviewed to identify coal and gasification plant sites in the vicinity of the transitway routes; and,
- The publication entitled: “*Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario*”, prepared by INTERA for the MOE and dated April, 1987 was reviewed to identify coal and gasification plant sites in the vicinity of the transitway routes.

It should be noted that waste generator information attributed to medical and dental centres and photo labs were not considered as a potential environmental concern. No registered waste generators were identified as a potential concern.

### 3.5 Technical Standards and Safety Authority, Fuels Safety Division

The TSSA maintains records of registered USTs and ASTs for petroleum-related products. A search of the TSSA database identified 7 properties along the proposed Highway 7 route options that were registered with the TSSA as maintaining USTs and/or ASTs. Upon identifying the properties with storage tanks, the TSSA further reported any of the properties with outstanding instructions, incident reports, fuel oil spills or contamination records. After review of this data it was determined that these 7 properties were identified during the route reconnaissance and City Directories review and as such are not duplicated in the reporting section.

It should be noted that prior to January 1990, the TSSA did not licence or register private USTs and ASTs. The TSSA does not register private furnace oil or waste oil tanks in apartments, office buildings, residences, etc., or ASTs containing gasoline or diesel. As a result, all potential sources of impact associated with private tanks may not have been identified through this assignment.

As mentioned earlier a response had not been received from the Spills Action Center at the time of writing this report. Golder will review information when it is received and forward any significant findings to the Consortium for inclusion in this report.

### **3.6 York Region**

York Region was contacted to determine if the Region has any environmental information pertaining to the properties along the Highway 7 route options. The Region indicated that they do not maintain information pertaining to environmental spills or incidents and that any existing documents should be in the MOE files.

### **3.7 Aerial Photographs**

Aerial photographs dated 1999 and 1978 showing the Highway 7 alternative route options were provided by the Consortium to identify land uses and assess for potential sources of environmental concern. Golder reviewed these photographs at the York Region offices and did not identify any sources of potential contamination that were exclusive of the results obtained from the above research.

It should be noted that a request under the Freedom of Information Act (“FOI”) regarding the properties adjacent to the proposed route alternatives was not submitted to the MOE. The basis for this decision was that the extent of information obtained from all other resources was sufficient to complete the objectives of this assessment; in addition, the time constraints to complete the assignment and the logistics and cost associated with ordering information for each municipal address deemed it unfeasible.

## **4.0 ENVIRONMENTAL RISK RANKING SCHEME**

Golder developed a risk ranking scheme to assist the Consortium in identifying an associated level of possible chemical contamination for each property identified as a potential environmental concern. The risk scheme was divided into three categories: High Risk, Medium Risk, and Low Risk. The ranking levels and the rationale for the conditions stated in each parameter are defined below. The associated source(s) of information is listed in parenthesis.

### **4.1 High Risk**

Potential sources with the following characteristics were characterized as high risk:

- Historic and existing USTs on the transitway route alternatives (Visual Reconnaissance, TSSA and FIPs);

- Open and Closed Landfill Sites within 50 m of the transitway route alternatives (MOE Database); and
- Historic Dry Cleaning facilities prior to 1990 on the transitway route alternatives (City Directories).

#### **4.2 Medium Risk**

Potential sources with the following characteristics were characterized as medium risk:

- Historic and existing USTs between 50 and 100 m from the transitway route alternatives (TSSA and FIPs)
- Historic and existing car dealerships and service garages on the transitway route alternatives (Visual Reconnaissance and City Directories);
- Waste generators on the transitway route alternatives (MOE waste generator database);
- Historic and existing Dry Cleaning facilities between 1990 and present on the transitway route alternatives (City Directories);
- Open and Closed Landfill Sites between 50 and 100 m from the transitway route alternatives (Visual Reconnaissance and MOE Database) and
- MOE reported spills greater than 500 litres on the transitway route alternatives (TSSA and MOE Database).

#### **4.3 Low Risk**

Potential sources with the following characteristics were characterized as low risk:

- Historic and existing USTs greater than 100 m from the transitway route alternatives (Visual Reconnaissance, TSSA and FIPs);
- Existing Dry Cleaning drop-off facilities on the transitway route alternatives (Visual Reconnaissance and City Directories);
- PCB Storage sites within 200 m of the transitway route alternatives (MOE Database);
- Open and Closed Landfill Sites greater than 100 m from the transitway route alternatives (Visual Reconnaissance and MOE Database); and
- MOE reported spills less than 500 litres on the transitway route alternatives (TSSA and MOE Database).

#### **4.4 Special Conditions**

The ranking of dry cleaning operations was based on the time period for which they operated. First and second generation dry cleaning units (those units manufactured prior to the late 1970s and early 1980s) do not have the sophisticated vapour recovery systems utilized in newer dry cleaning machines and would be more likely to represent an issue of environmental concern. In

addition, based on Golder's experience, significant environmental impacts related to dry cleaning chemical waste and storage/disposal practices have been identified at newer facilities. As such, the time period of dry cleaning activities was used to assess the level of environmental risk to the transitway.

The distance of a potential source of environmental concern from the proposed transitway route options was also included in developing the risk ranking scheme. The visual reconnaissance and City Directories search considered properties that are adjacent to the proposed routes only; furthermore, the City Directories search was limited to property listings as far back as 1960. The information utilized from all other resources was restricted to areas within approximately 200 m of the proposed transitway routes.

Properties identified as a potential source of environmental concern that have characteristics outside the scope of the ranking scheme (e.g. industrial operations,), are included in the final quantitative analysis. These properties are represented on the Route Map with comments and rating rationale detailed in Table 1.

#### **4.5 Environmental Risk Ranking Scheme Limitations**

This environmental risk ranking scheme was developed to assist in the qualitative evaluation of possible subsurface environmental risks, based on publicly available data and information prepared by others. It should not be construed to indicate confirmation of any subsurface impact. The Environmental Risk Ranking has been based on an assumption that a chemical release may have occurred in the vicinity of the identified site; however, no intrusive field investigation or sampling has been carried out by Golder to assess the presence or character of environmental impacts, if any. If a chemical release has occurred, the extent and magnitude of impact will depend on many factors, including (but not limited to) the type of chemical, the soil permeability, depth to water table, groundwater flow direction and duration of time since release, none of which have been investigated for this project.

### **5.0 FINDINGS**

#### **5.1 Environmental Findings**

Golder reviewed data collected through searches of the Ontario Ministry of the Environment databases and publications, the Technical Standards and Safety Authority, research at the Metro Toronto Reference Library, York Region and a visual reconnaissance of the proposed Highway 7 route options. Based on the route options and sub-options defined by the Consortium, a summation of properties which represent a potential environmental concern to transit route development is presented below.

<b>Total Number of Properties Representing Potential Environmental Concern for Evaluation 1-A</b>				
<b>Environmental Risk Rating</b>	<b>Route Options bounded by Center Street and Hunter's Point</b>			
	<b>Highway 7</b>	<b>Hydro Right-of-Way</b>	<b>Jane-Steeles-Keele</b>	<b>Center-Bathurst</b>
Low	0	0	1	2
Medium	0	0	0	3
High	0	0	1	1
Total	0	0	2	6

<b>Total Number of Properties Representing Potential Environmental Concern for Evaluation 1-B</b>			
<b>Environmental Risk Rating</b>	<b>Route Options bounded by Jane Street and Keele Street</b>		
	<b>Highway 7</b>	<b>Hydro Right-of-Way</b>	<b>Jane-Steeles</b>
Low	2	0	0
Medium	3	0	0
High	4	0	0
Total	9	0	0

<b>Total Number of Properties Representing Potential Environmental Concern for Evaluation 1-C</b>		
<b>Environmental Risk Rating</b>	<b>Route Options bounded by Keele Street and Center Street</b>	
	<b>Highway 7</b>	<b>Hydro Right-of-Way</b>
Low	1	0
Medium	1	0
High	2	0
Total	4	0

<b>Total Number of Properties Representing Potential Environmental Concern for Evaluation 2</b>		
<b>Environmental Risk Rating</b>	<b>Route Options bounded by Yonge Street and Bayview Avenue</b>	
	<b>Highway 7</b>	<b>High Tech Road</b>
Low	0	0
Medium	0	0
High	0	0
Total	0	0

<b>Total Number of Properties Representing Potential Environmental Concern for Evaluation 3-A</b>		
<b>Environmental Risk Rating</b>	<b>Route Options bounded by Woodbine Avenue and Town Center Boulevard</b>	
	<b>Highway 7</b>	<b>Markham Center</b>
Low	0	0
Medium	0	0
High	1	0
Total	1	0

<b>Total Number of Properties Representing Potential Environmental Concern for Evaluation 3-B</b>		
<b>Environmental Risk Rating</b>	<b>Route Options bounded by Town Center Boulevard and Main Street Unionville</b>	
	<b>Highway 7</b>	<b>Markham Center</b>
Low	2	0
Medium	1	0
High	1	0
Total	4	0

<b>Total Number of Properties Representing Potential Environmental Concern for Evaluation 3-C</b>			
<b>Environmental Risk Rating</b>	<b>Route Options bounded by Main Street Unionville and Kennedy Road</b>		
	<b>Highway 7</b>	<b>Markham Center / with Main Street Exit</b>	<b>Markham Center / with Kennedy Road Exit</b>
Low	0	0	1
Medium	5	1	0
High	1	1	1
Total	6	2	2

<b>Total Number of Properties Representing Potential Environmental Concern for Evaluation 4</b>			
<b>Environmental Risk Rating</b>	<b>Route Options bounded by 9<sup>th</sup> Line and Ressor Road</b>		
	<b>Highway 7</b>	<b>Hospital Option 1</b>	<b>Hospital Option 2</b>
Low	0	0	0
Medium	0	0	0
High	0	0	0
Total	0	0	0

As noted previously the evaluation options and sub-options reported above was defined by the Consortium and includes reporting on 34 properties which have the potential to represent environmental concern. It should be noted that during the historical and database research as well as the visual reconnaissance of the proposed route options Golder identified a total of 74 properties along the Highway 7 corridor and adjacent route options.

Information attributed to all properties identified as a potential environmental concern is detailed in Table 1 - Potential Environmental Concerns - Highway 7 Route Alignment Options. The information details municipal address, current property usage, historical usages and risk ranking rationale. Property locations are illustrated on the Highway 7 Route Options Map.

## **6.0 LIMITATIONS AND USE OF REPORT**

This report was prepared for the exclusive use of the Consortium and York Transit. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of the third party. Golder disclaims responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The report is based on data and information collected during the assessment of the Highway 7 transitway route options conducted by Golder. The report is based solely on the conditions of the observations made at the time of the visual reconnaissance on January 14, 2003, supplemented by a review of historical information and data obtained by Golder as described in this report. Golder disclaims any obligation for events taking place, or with respect to information that becomes available to Golder after the time during which Golder conducted the environmental assessment. No soil, water, liquid, gas, product or chemical sampling and analytical testing at or in the vicinity of the Site were conducted as part of this environmental assessment.

In evaluating the transitway route options, Golder has relied in good faith on the information gathered during this assessment. Golder has assumed that the information provided is factual and accurate. Golder accepts no responsibility for any deficiency, misstatement or inaccuracy contained in this report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted.

Golder makes no other representations whatsoever, including those concerning the legal significance of the findings or as to other legal matters addressed incidentally in this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are subject to interpretation. These interpretations may change over time and, as a result, should be reviewed with appropriate legal counsel.

## **7.0 CLOSURE**

We trust this report provided the information required. However, should you have any questions, please do not hesitate to contact the undersigned.

Yours truly,

**GOLDER ASSOCIATES LTD.**



Alan Pratt, CET.  
Technologist

Vico Paloschi  
Associate

AP/VP/PM/SJB:ap/mmh

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**HIGHWAY 7 TRANSITWAY  
ROUTE OPTIONS MAP**

March 2005

03-1111-001

**Golder Associates**

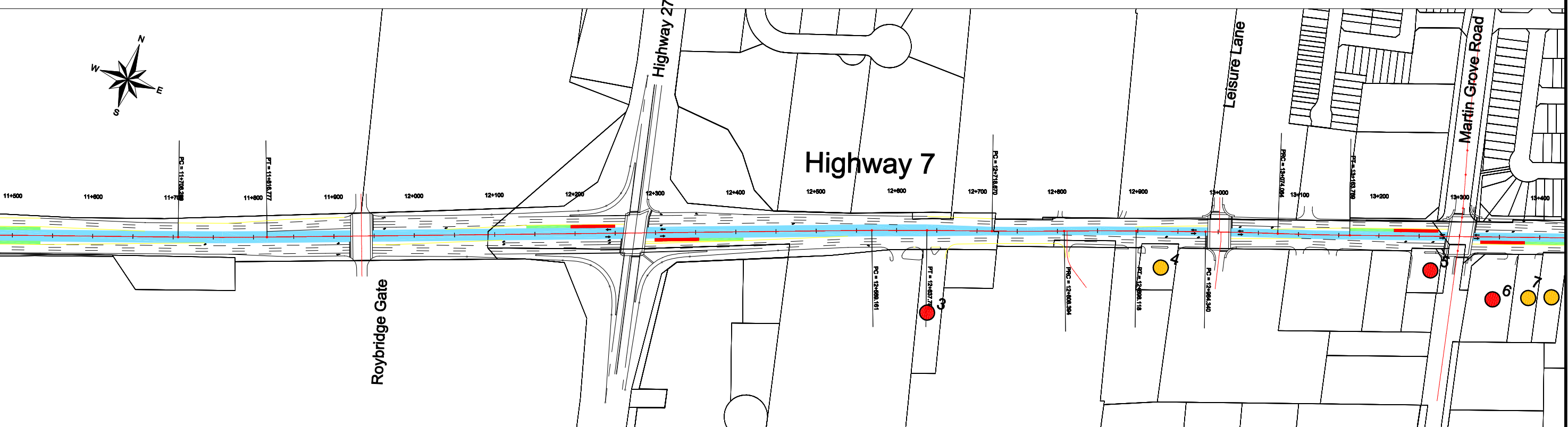
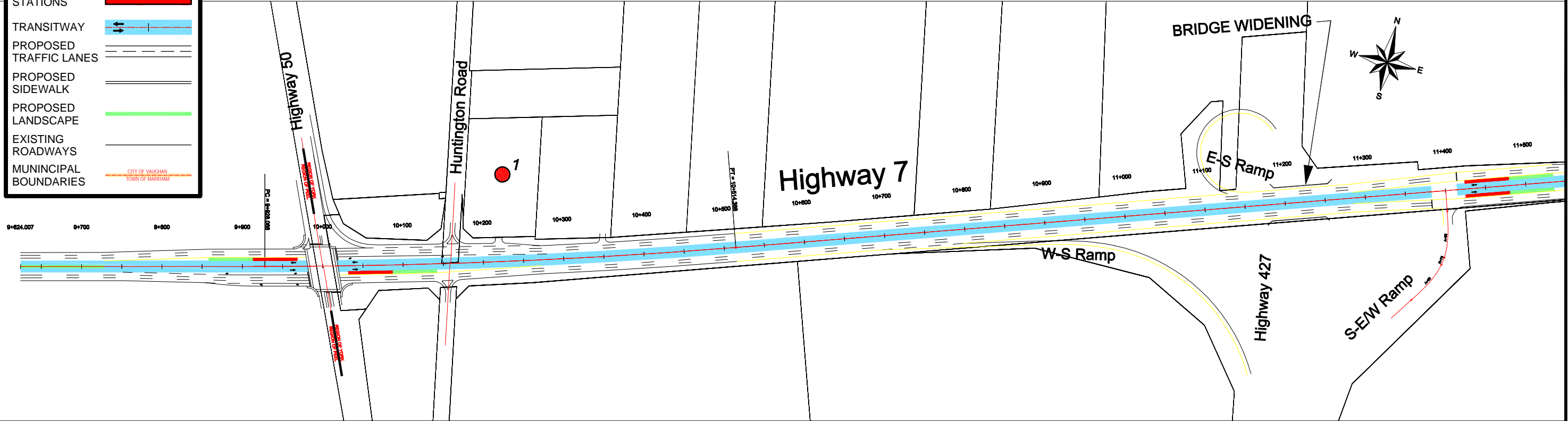
## **TABLES**

ENVIRONMENTAL IMPACT LOCATIONS  
HIGHWAY 7 ALIGNMENT

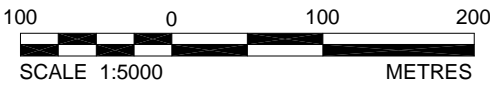
FIGURE 1

**LEGEND:**

- LOW ●
- MEDIUM ●
- HIGH ●
- STATIONS ▬
- TRANSITWAY ▬
- PROPOSED TRAFFIC LANES ▬
- PROPOSED SIDEWALK ▬
- PROPOSED LANDSCAPE ▬
- EXISTING ROADWAYS ▬
- MUNICIPAL BOUNDARIES ▬ CITY OF VAUGHAN  
▬ TOWN OF MARKHAM



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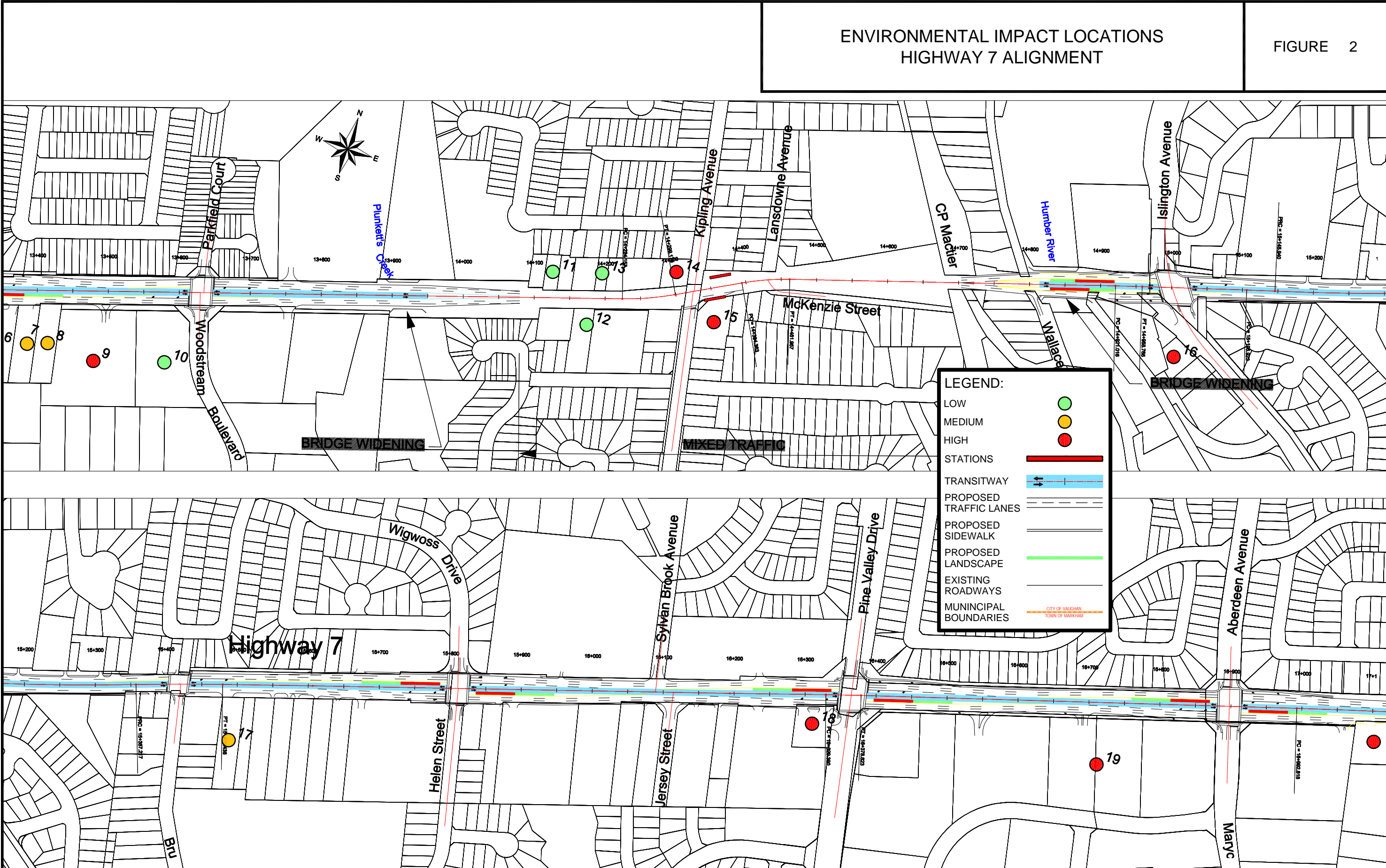


DATE: JUNE 19, 2003  
PROJECT: 03-1111-001



CAD: FC  
CHK: AP

ENVIRONMENTAL IMPACT LOCATIONS  
HIGHWAY 7 ALIGNMENT

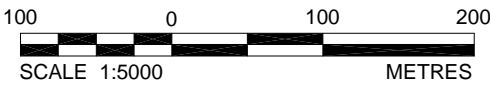


**LEGEND:**

- LOW ●
- MEDIUM ●
- HIGH ●
- STATIONS ▬
- TRANSITWAY ▬
- PROPOSED TRAFFIC LANES ▬
- PROPOSED SIDEWALK ▬
- PROPOSED LANDSCAPE ▬
- EXISTING ROADWAYS ▬
- MUNICIPAL BOUNDARIES ▬

CITY OF VAUGHAN  
TOWN OF MARKHAM

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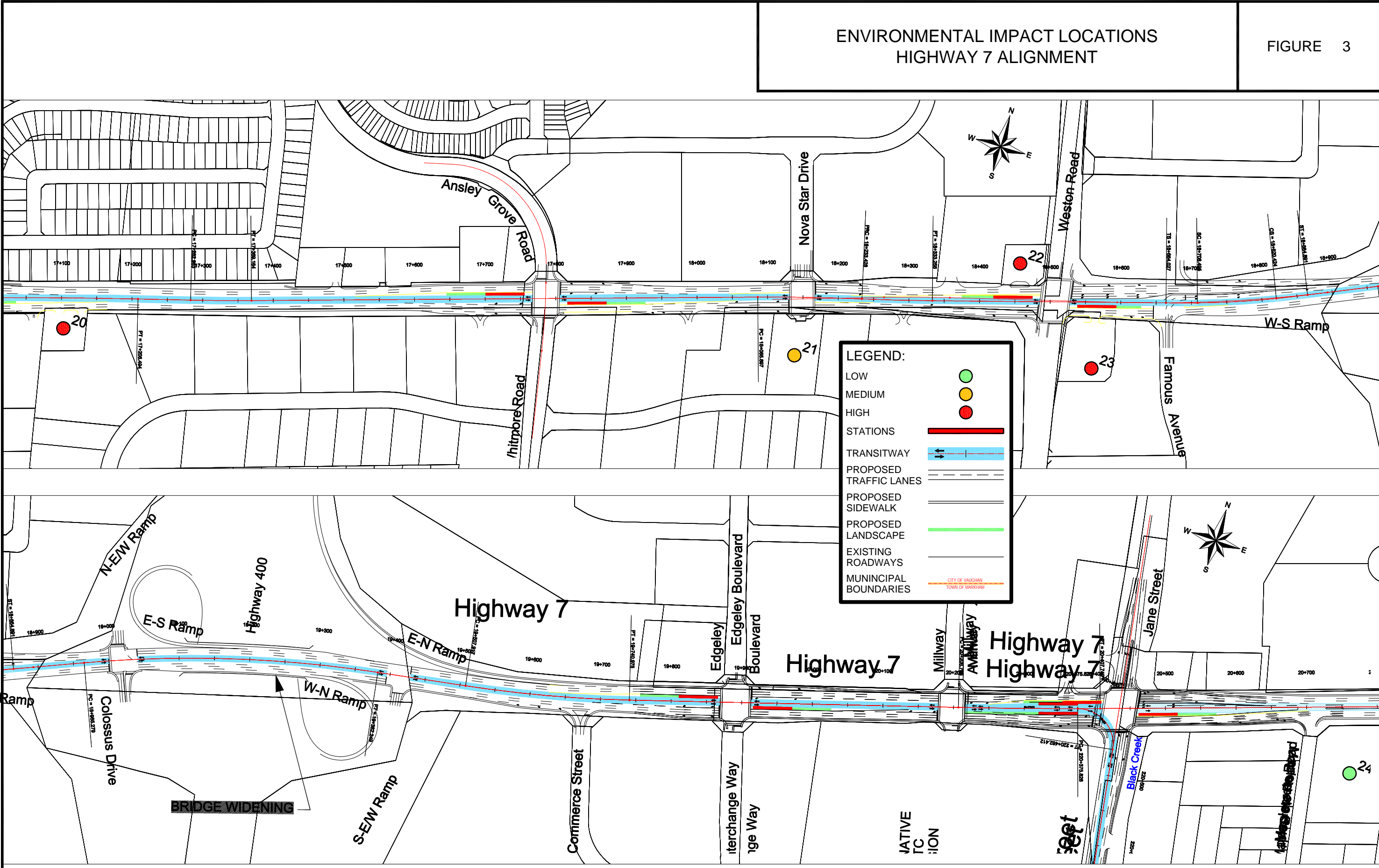


DATE: JUNE 19, 2003  
PROJECT: 03-1111-001

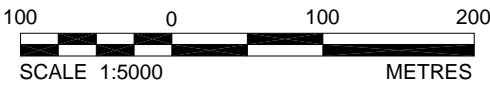


CAD: FC  
CHK: AP

ENVIRONMENTAL IMPACT LOCATIONS  
HIGHWAY 7 ALIGNMENT



PLOT DATE: July 07, 2003  
 FILENAME: T:\Projects\2003\03-1111-001 (YRTP, Toronto)\CA-Hwy 7 Enviro\031111001CA4003.dwg



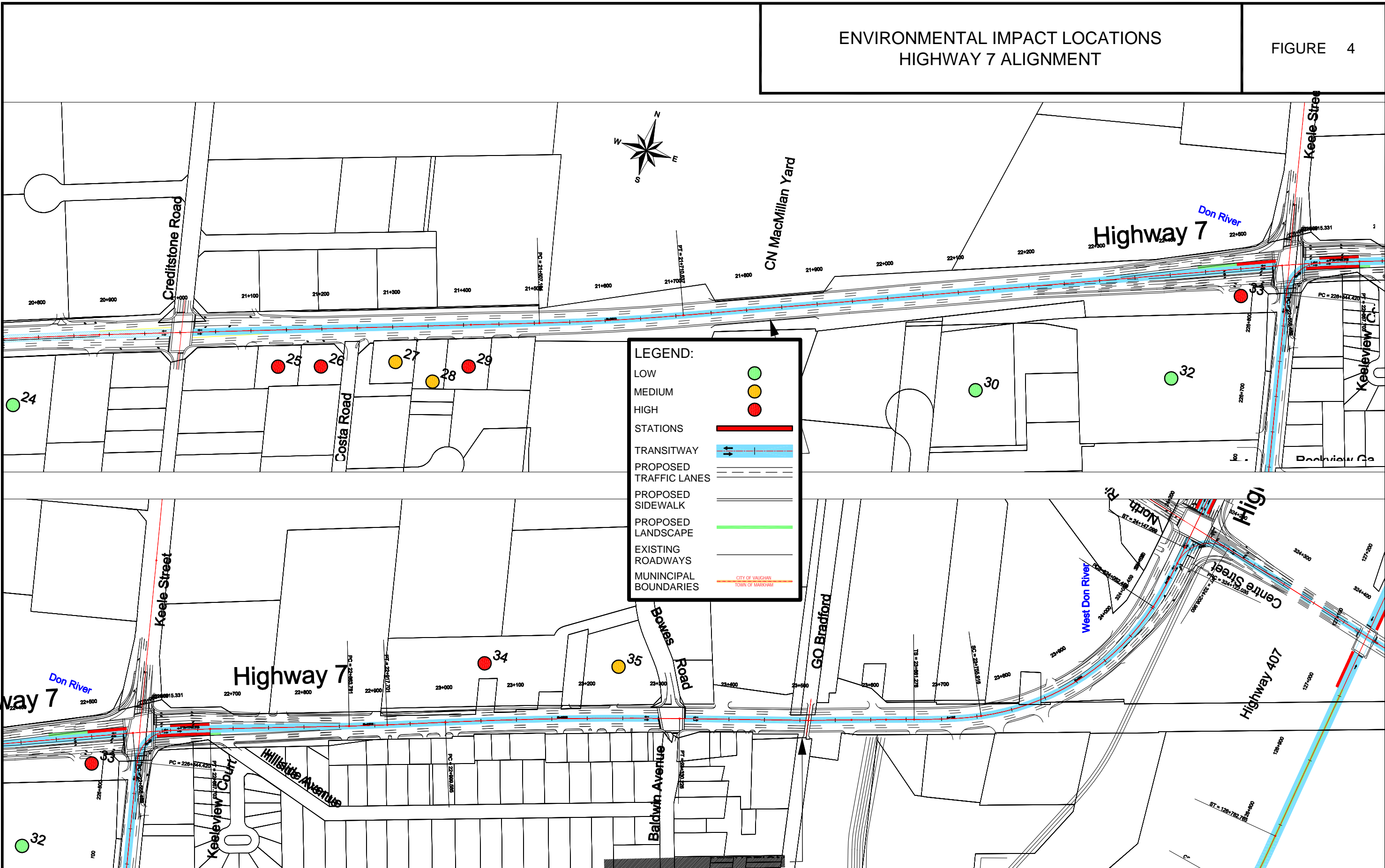
DATE: JUNE 19, 2003  
 PROJECT: 03-1111-001



CAD: FC  
 CHK: AP

ENVIRONMENTAL IMPACT LOCATIONS  
HIGHWAY 7 ALIGNMENT

FIGURE 4

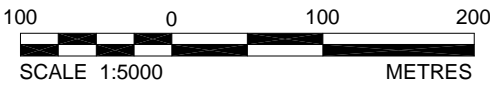


**LEGEND:**

- LOW ●
- MEDIUM ●
- HIGH ●
- STATIONS ▬
- TRANSITWAY ↔
- PROPOSED TRAFFIC LANES
- PROPOSED SIDEWALK
- PROPOSED LANDSCAPE
- EXISTING ROADWAYS
- MUNICIPAL BOUNDARIES

CITY OF VAUGHAN  
TOWN OF MARKHAM

PLOT DATE: July 07, 2003  
 FILENAME: T:\Projects\2003\03-1111-001 (RTP, Toronto) - CA-Hwy 7 Enviro\031111001CA004.dwg



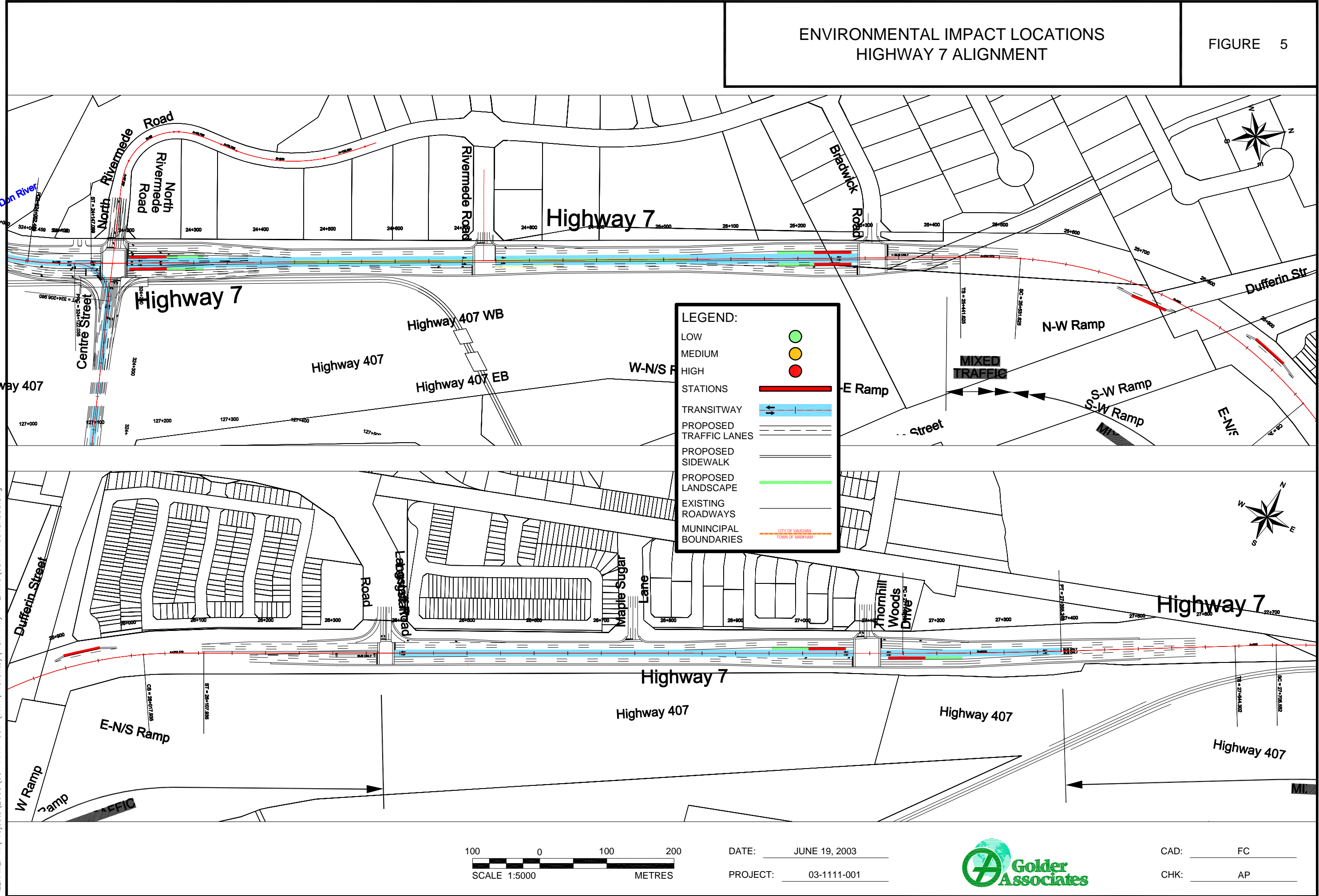
DATE: JUNE 19, 2003  
 PROJECT: 03-1111-001



CAD: FC  
 CHK: AP

ENVIRONMENTAL IMPACT LOCATIONS  
HIGHWAY 7 ALIGNMENT

FIGURE 5

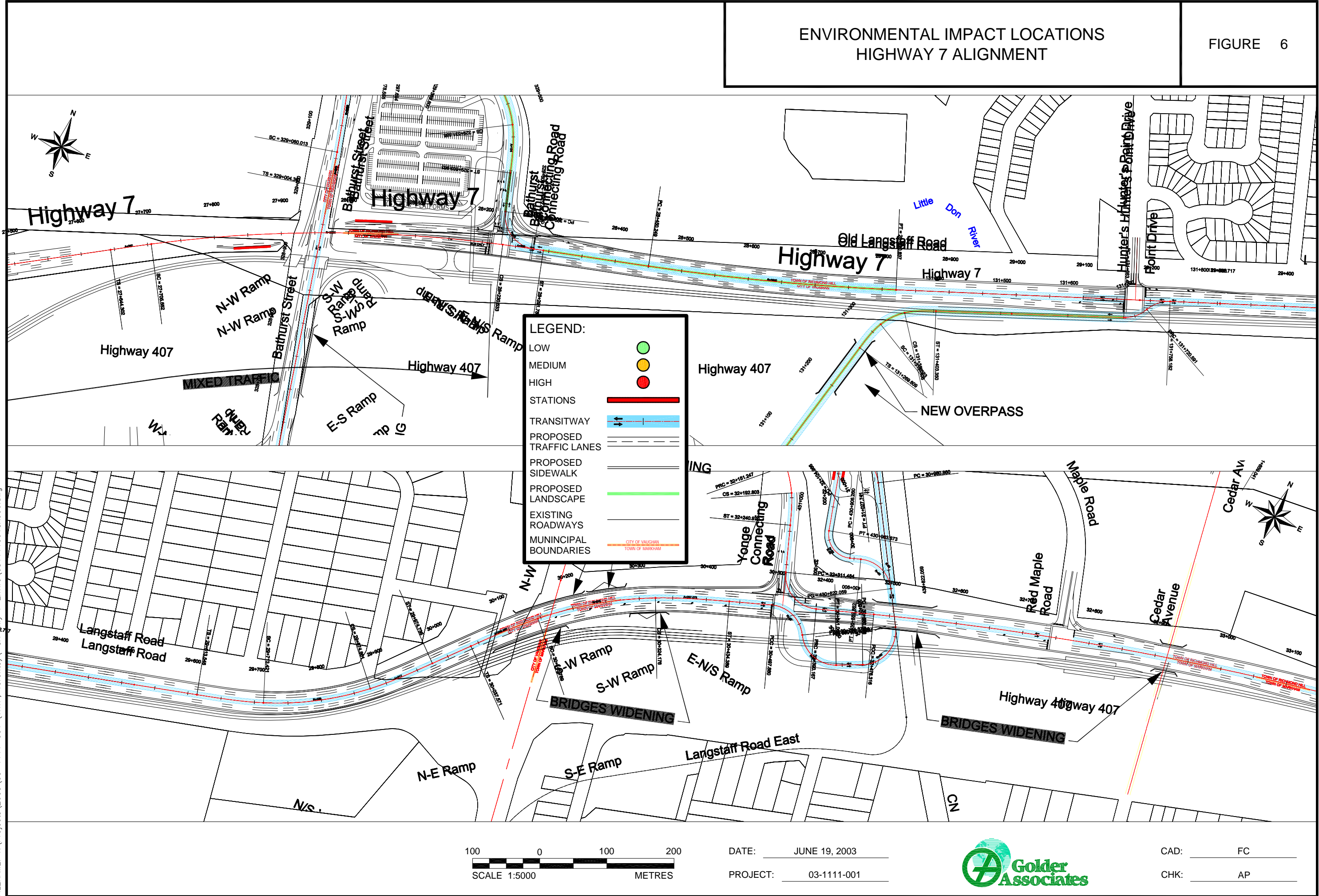


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DATE: JUNE 19, 2003  
 PROJECT: 03-1111-001



CAD: FC  
 CHK: AP

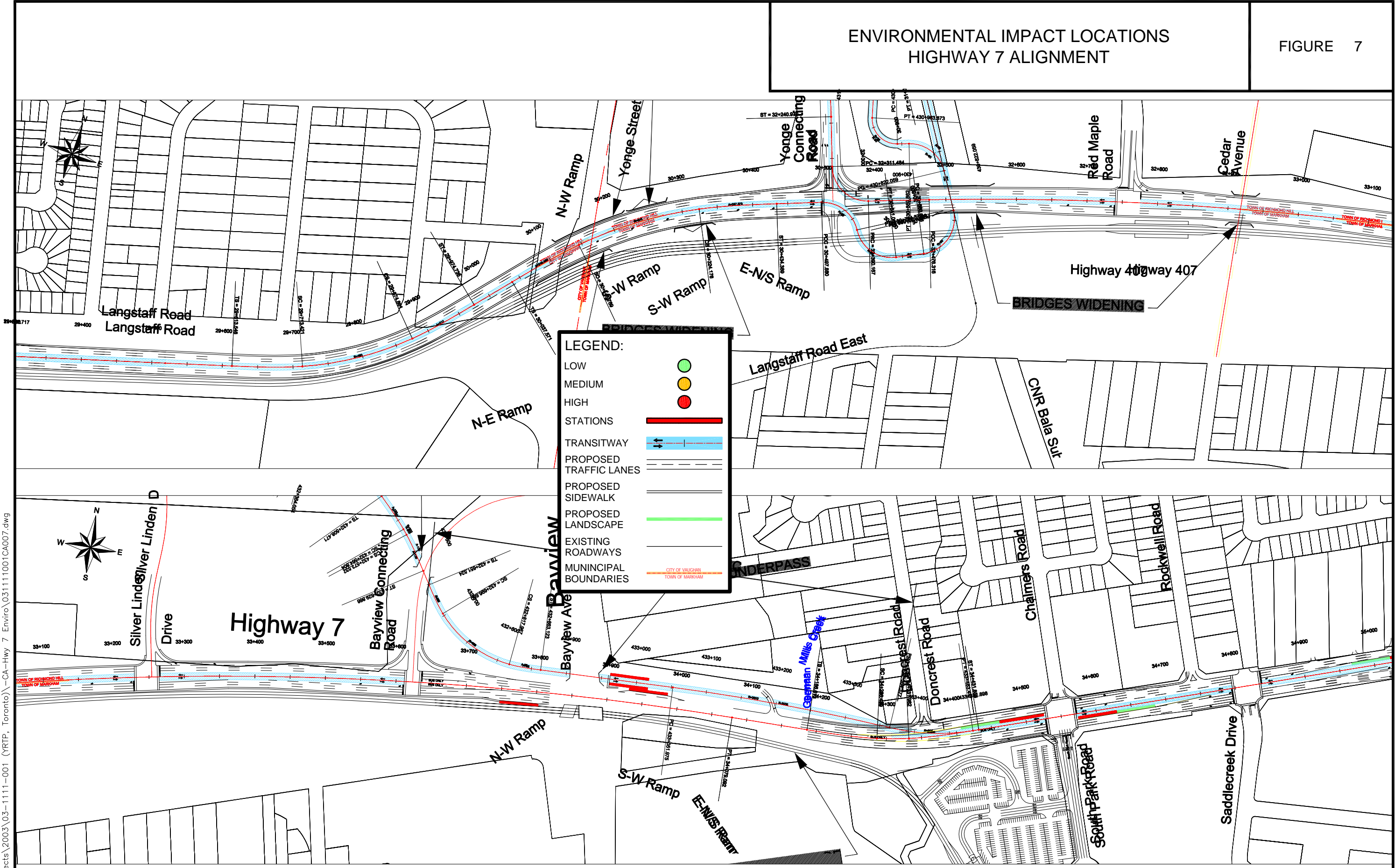


PLOT DATE: July 07, 2003  
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ENVIRONMENTAL IMPACT LOCATIONS  
HIGHWAY 7 ALIGNMENT

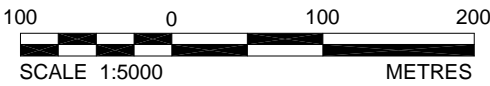
FIGURE 7



**LEGEND:**

- LOW ●
- MEDIUM ●
- HIGH ●
- STATIONS
- TRANSITWAY
- PROPOSED TRAFFIC LANES
- PROPOSED SIDEWALK
- PROPOSED LANDSCAPE
- EXISTING ROADWAYS
- MUNICIPAL BOUNDARIES

PLOT DATE: July 07, 2003  
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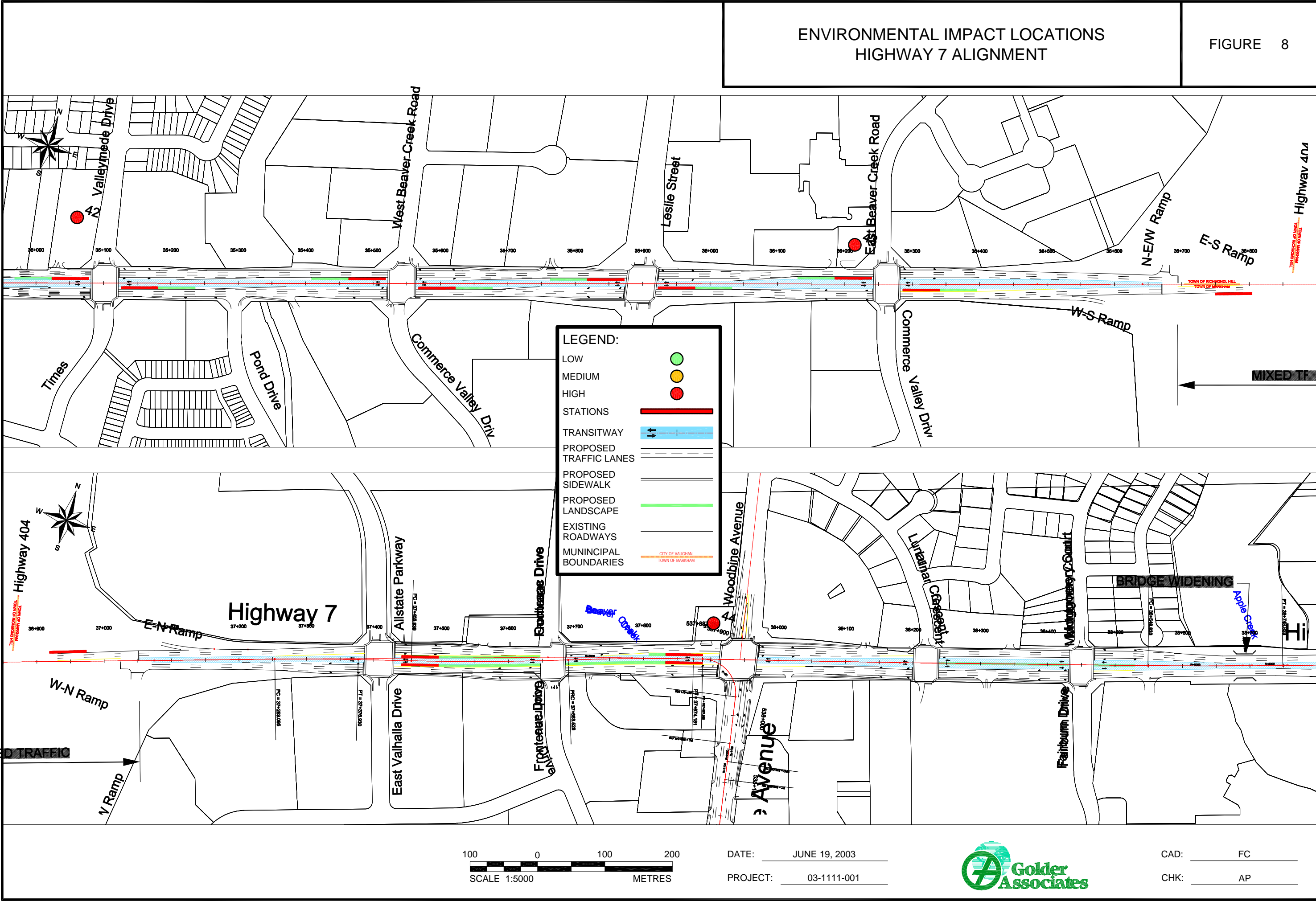
DATE: JUNE 19, 2003  
PROJECT: 03-1111-001



CAD: FC  
CHK: AP

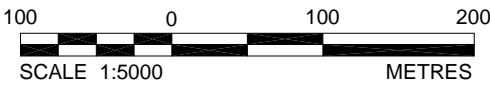
ENVIRONMENTAL IMPACT LOCATIONS  
HIGHWAY 7 ALIGNMENT

FIGURE 8



**LEGEND:**

- LOW ●
- MEDIUM ●
- HIGH ●
- STATIONS ▬
- TRANSITWAY ▬
- PROPOSED TRAFFIC LANES ▬
- PROPOSED SIDEWALK ▬
- PROPOSED LANDSCAPE ▬
- EXISTING ROADWAYS ▬
- MUNICIPAL BOUNDARIES ▬

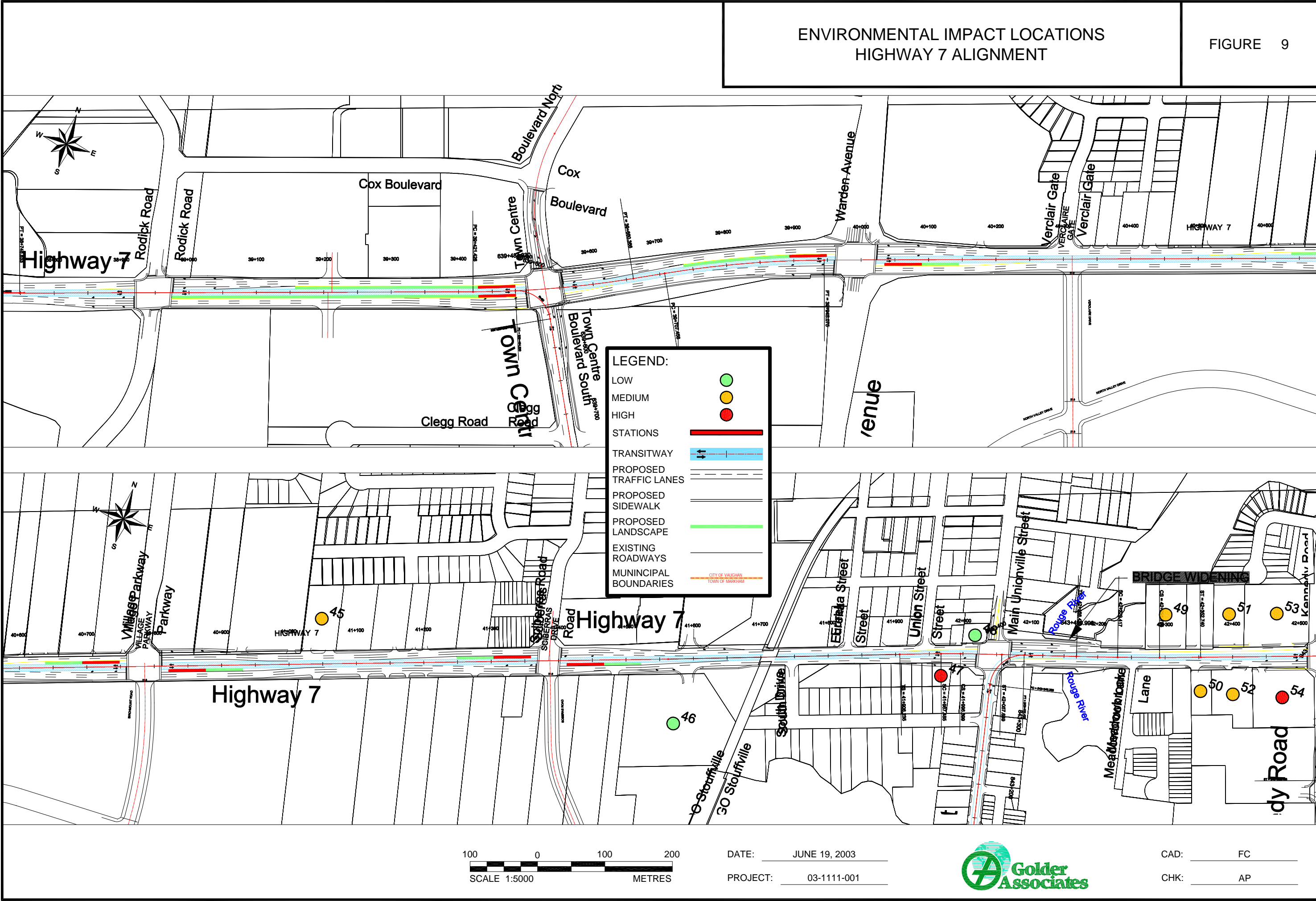


DATE: JUNE 19, 2003  
PROJECT: 03-1111-001



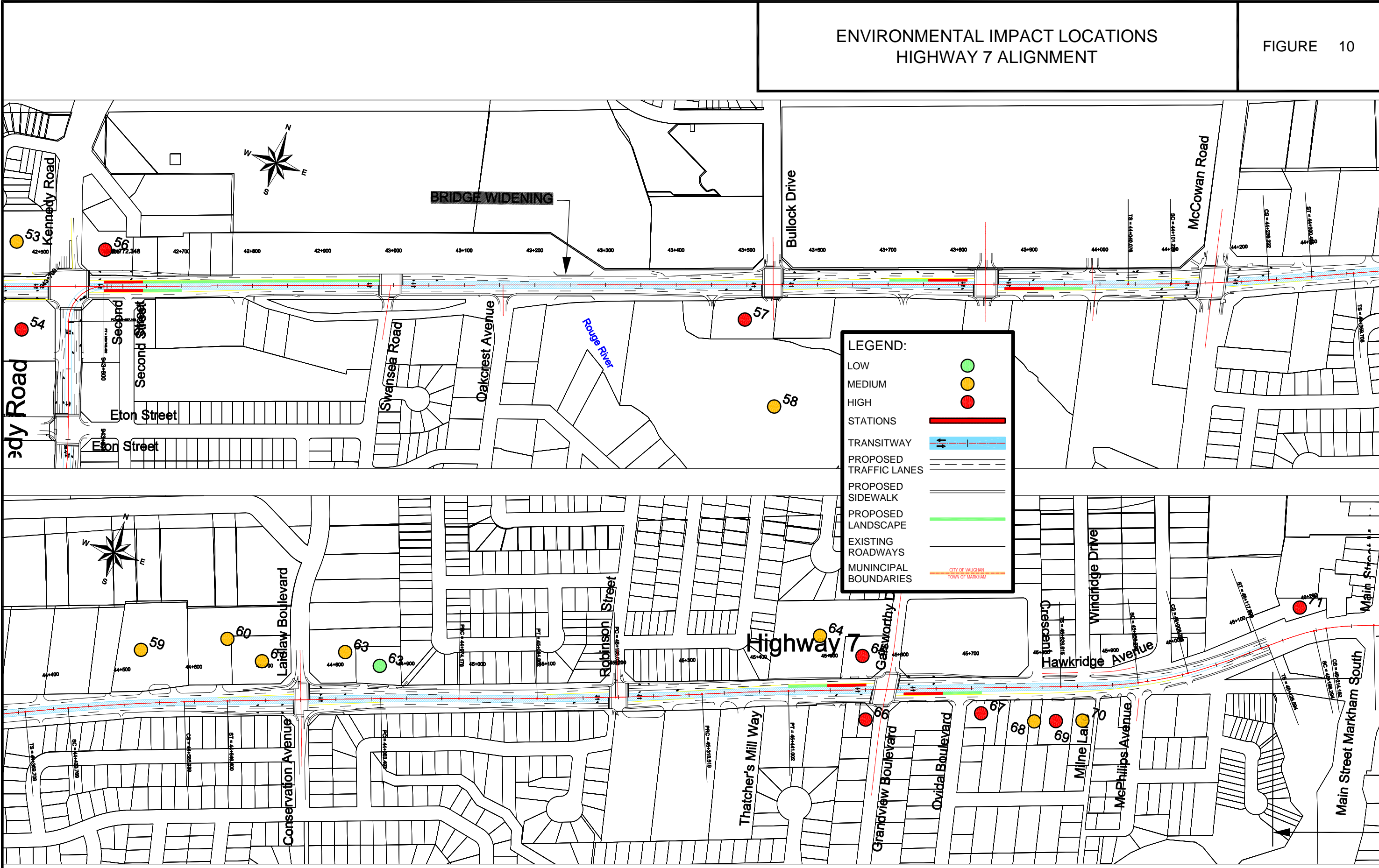
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CHK: AP

PLOT DATE: July 07, 2003  
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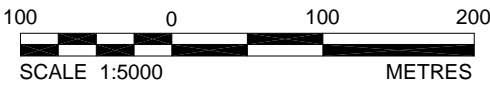


PLOT DATE: July 07, 2003  
 FILENAME: T:\Projects\2003\03-1111-001 (RTP, Toronto)\-CA-Hwy 7 Enviro\031111001CA009.dwg

ENVIRONMENTAL IMPACT LOCATIONS  
HIGHWAY 7 ALIGNMENT



PLOT DATE: July 07, 2003  
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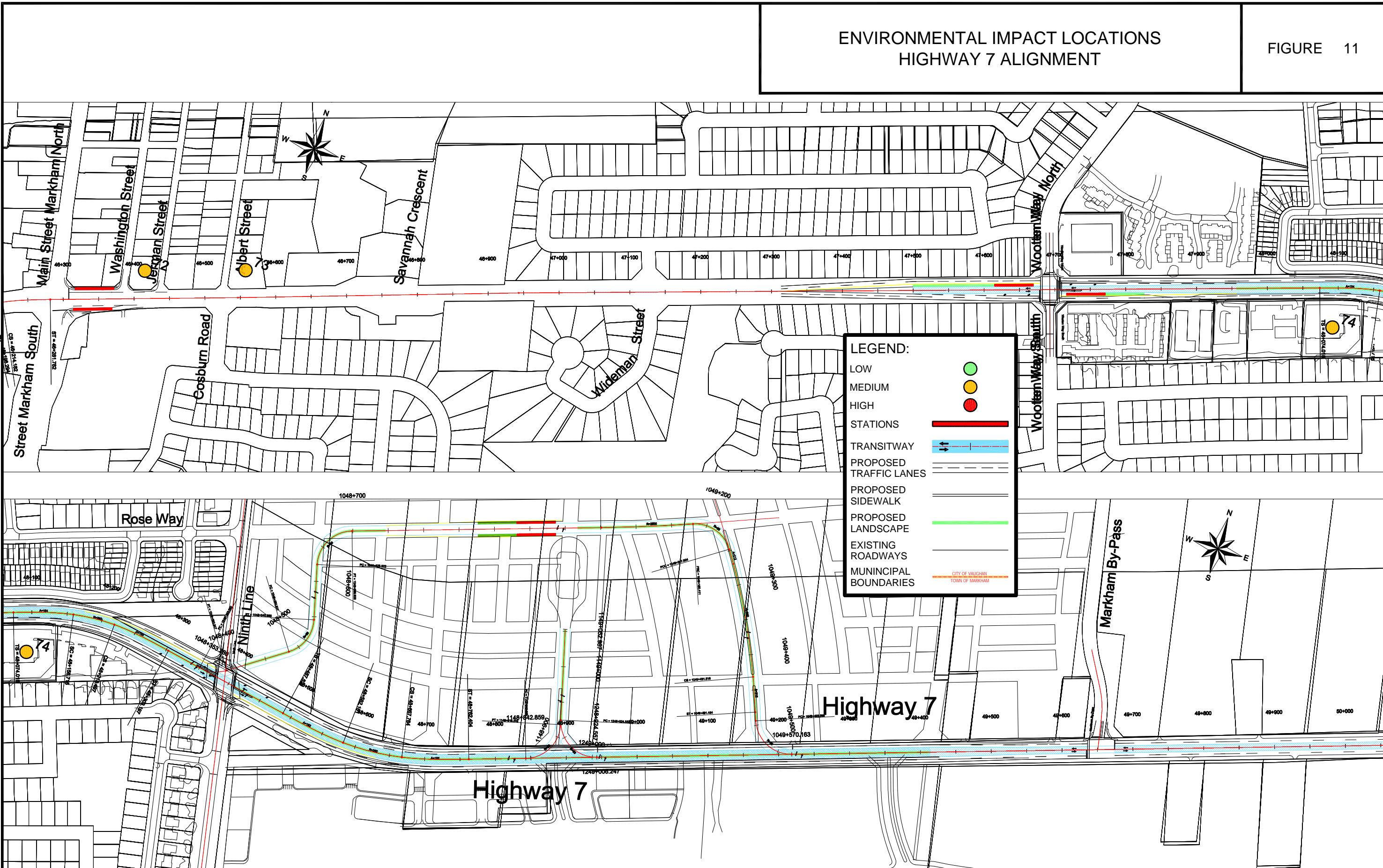


DATE: JUNE 19, 2003  
 PROJECT: 03-1111-001



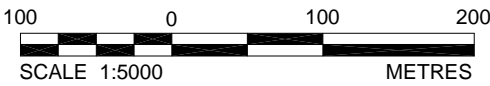
CAD: FC  
 CHK: AP

ENVIRONMENTAL IMPACT LOCATIONS  
HIGHWAY 7 ALIGNMENT



**LEGEND:**

- LOW ●
- MEDIUM ●
- HIGH ●
- STATIONS ▬
- TRANSITWAY ▬
- PROPOSED TRAFFIC LANES ▬
- PROPOSED SIDEWALK ▬
- PROPOSED LANDSCAPE ▬
- EXISTING ROADWAYS ▬
- MUNICIPAL BOUNDARIES ▬ CITY OF VAUGHAN  
▬ TOWN OF MARKHAM



DATE: JUNE 19, 2003  
PROJECT: 03-1111-001

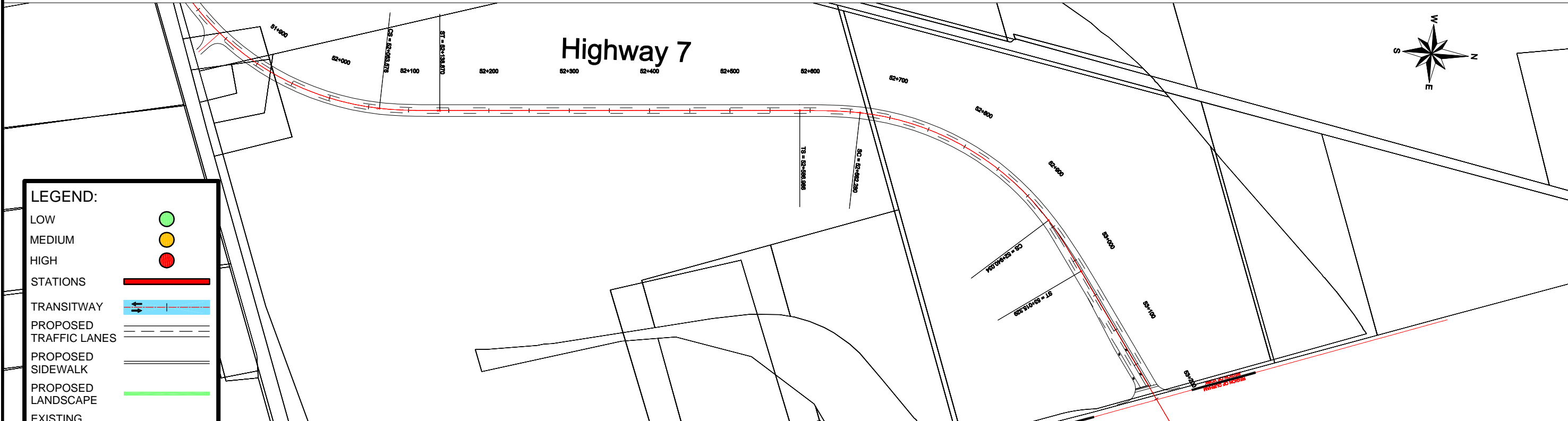
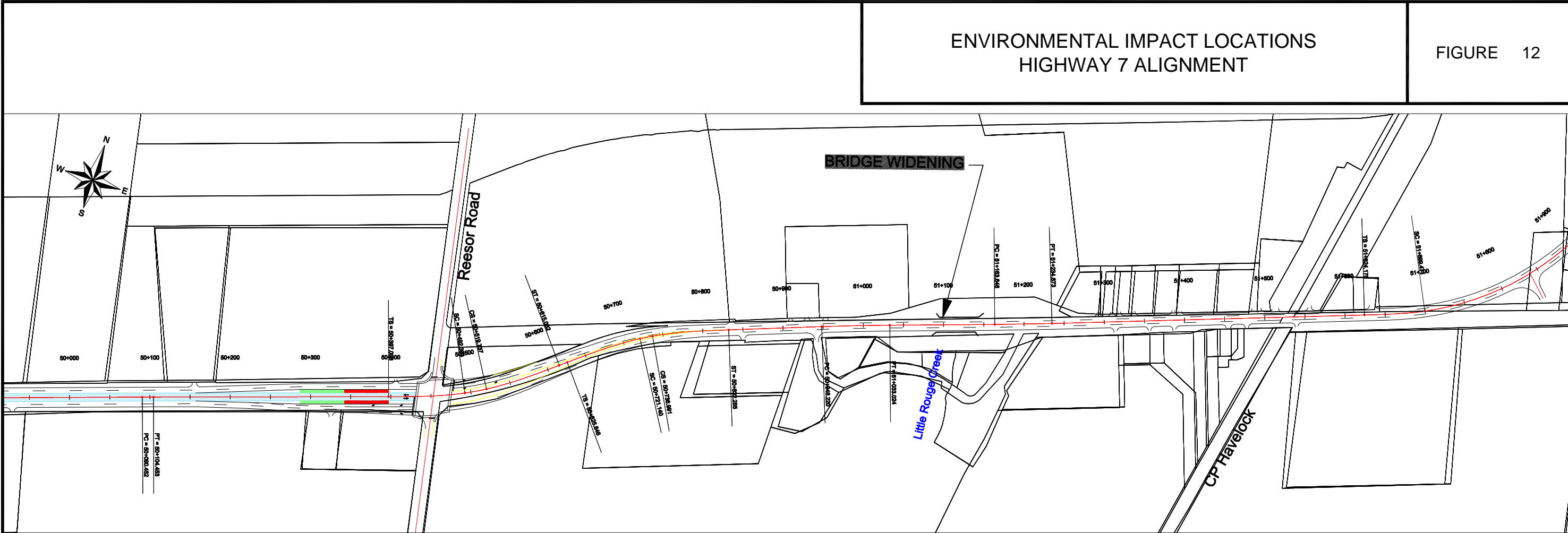


CAD: FC  
CHK: AP

PLOT DATE: July 07, 2003  
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ENVIRONMENTAL IMPACT LOCATIONS  
HIGHWAY 7 ALIGNMENT

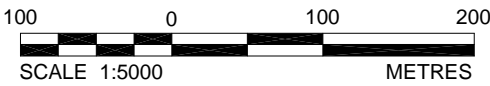
FIGURE 12



**LEGEND:**

- LOW ●
- MEDIUM ●
- HIGH ●
- STATIONS
- TRANSITWAY
- PROPOSED TRAFFIC LANES
- PROPOSED SIDEWALK
- PROPOSED LANDSCAPE
- EXISTING ROADWAYS
- MUNICIPAL BOUNDARIES

CITY OF VAUGHAN  
TOWN OF MARKHAM



DATE: JUNE 19, 2003  
PROJECT: 03-1111-001

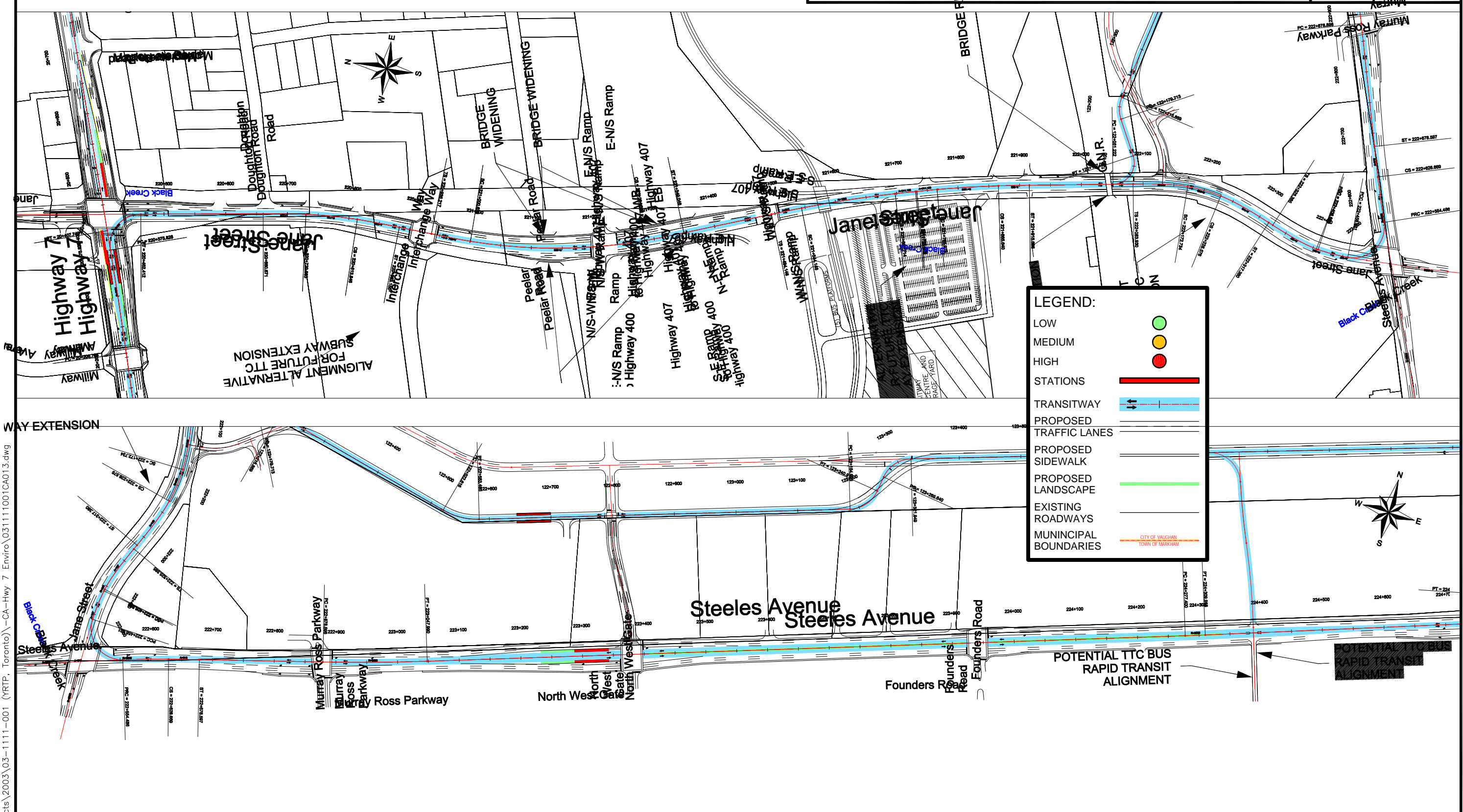


CAD: FC  
CHK: AP

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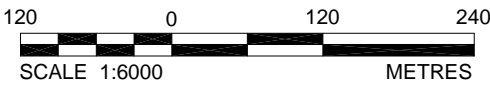
ENVIRONMENTAL IMPACT LOCATIONS  
 JANE-STEELES-KEELE ROUTE  
 HIGHWAY 7 ALIGNMENT

FIGURE 13



**LEGEND:**

- LOW ●
- MEDIUM ●
- HIGH ●
- STATIONS ▬
- TRANSITWAY ▬ ▬
- PROPOSED TRAFFIC LANES ▬
- PROPOSED SIDEWALK ▬
- PROPOSED LANDSCAPE ▬
- EXISTING ROADWAYS ▬
- MUNICIPAL BOUNDARIES ▬



DATE: JUNE 19, 2003  
 PROJECT: 03-1111-001

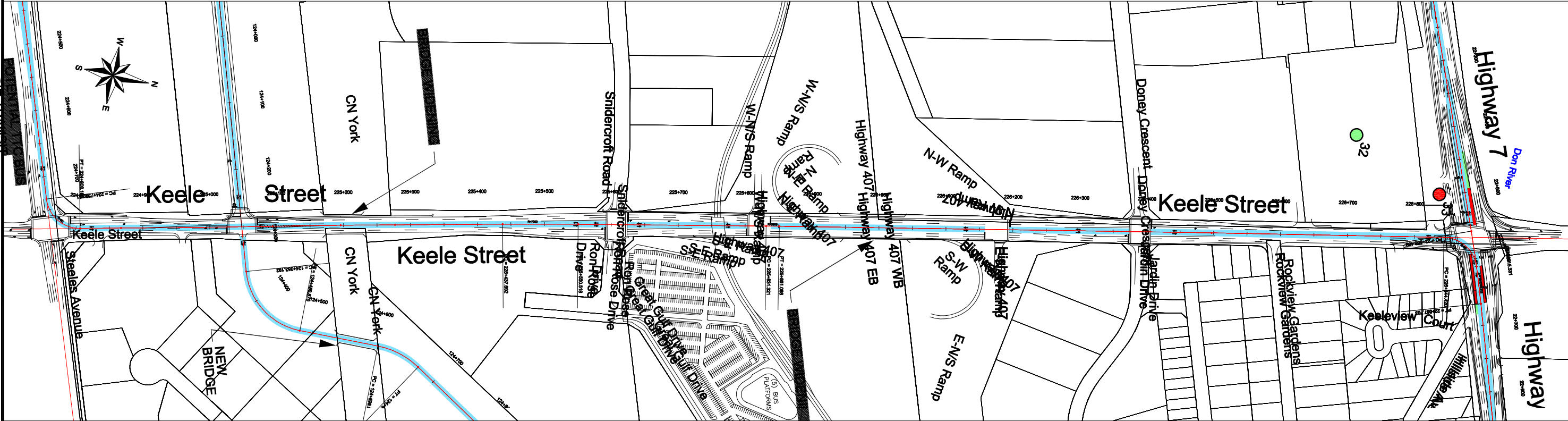


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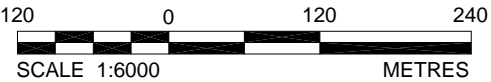
ENVIRONMENTAL IMPACT LOCATIONS  
 JANE-STEELES-KEELE ROUTE  
 HIGHWAY 7 ALIGNMENT

FIGURE 14



**LEGEND:**

- LOW ●
- MEDIUM ●
- HIGH ●
- STATIONS ▬
- TRANSITWAY ▬
- PROPOSED TRAFFIC LANES ▬
- PROPOSED SIDEWALK ▬
- PROPOSED LANDSCAPE ▬
- EXISTING ROADWAYS ▬
- MUNICIPAL BOUNDARIES ▬ CITY OF VAUGHAN / TOWN OF MARKHAM

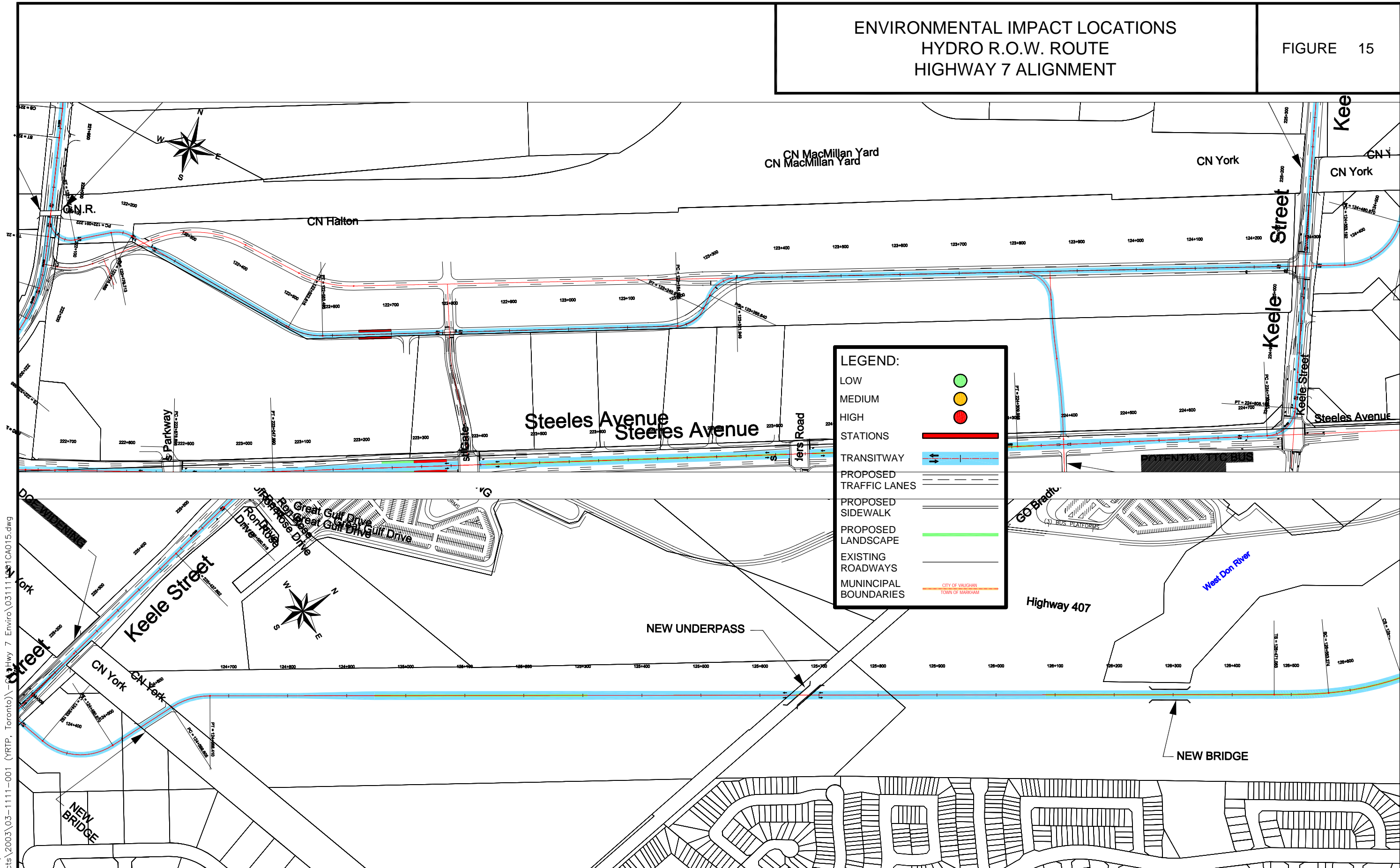


DATE: JUNE 19, 2003  
 PROJECT: 03-1111-001



CAD: FC  
 CHK: AP

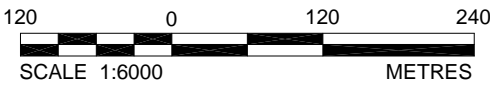
ENVIRONMENTAL IMPACT LOCATIONS  
HYDRO R.O.W. ROUTE  
HIGHWAY 7 ALIGNMENT



**LEGEND:**

- LOW ●
- MEDIUM ●
- HIGH ●
- STATIONS
- TRANSITWAY ← →
- PROPOSED TRAFFIC LANES
- PROPOSED SIDEWALK
- PROPOSED LANDSCAPE
- EXISTING ROADWAYS
- MUNICIPAL BOUNDARIES

PLOT DATE: July 07, 2003  
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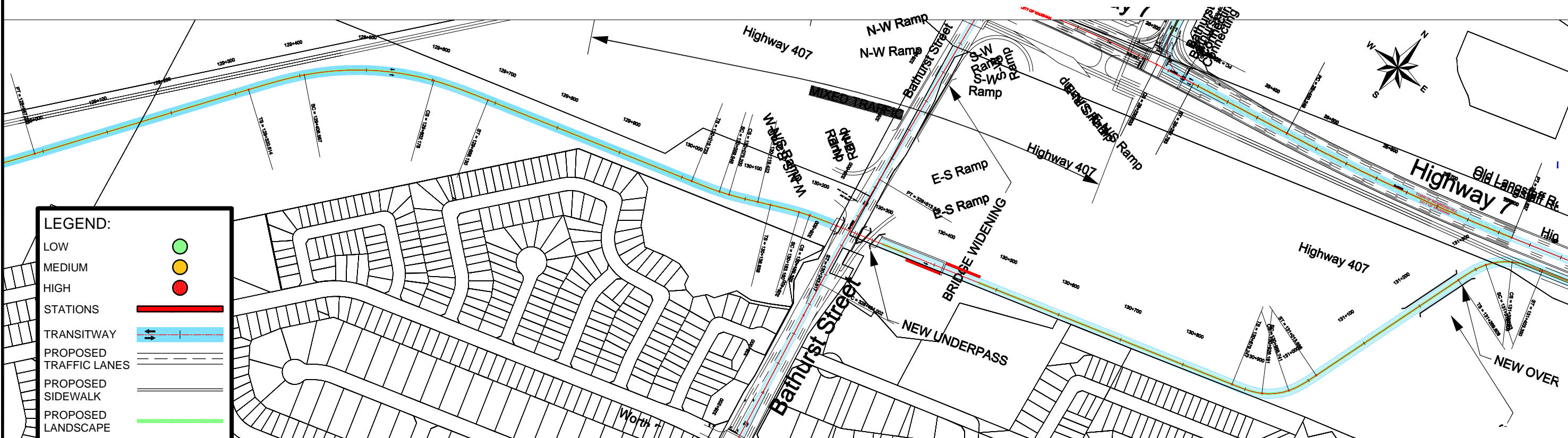
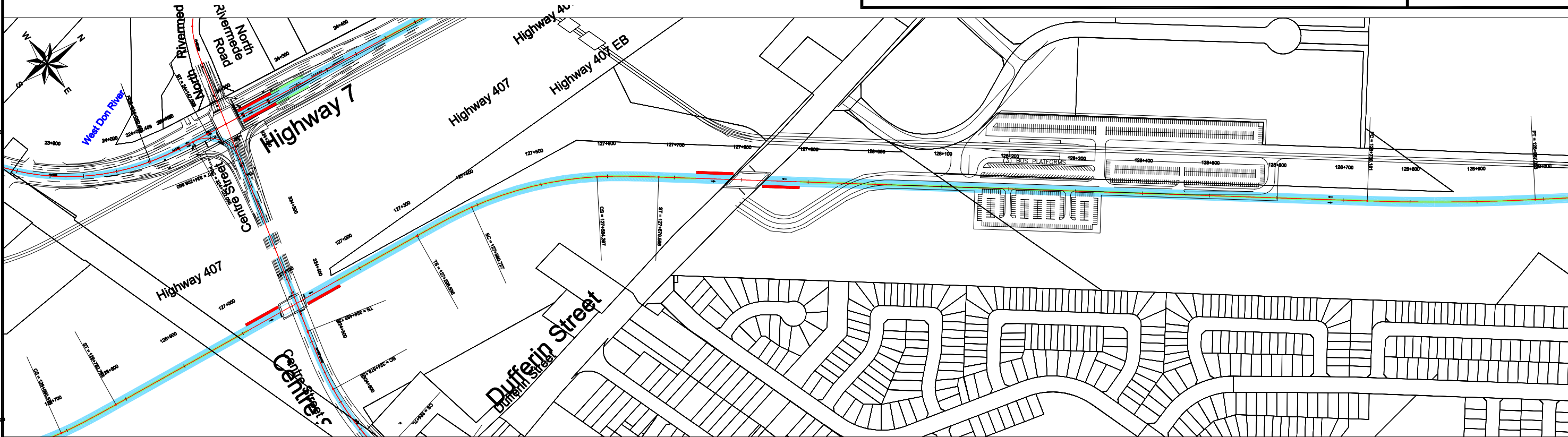


DATE: JUNE 19, 2003  
PROJECT: 03-1111-001



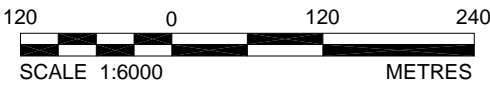
CAD: FC  
CHK: AP

ENVIRONMENTAL IMPACT LOCATIONS  
HYDRO R.O.W. ROUTE  
HIGHWAY 7 ALIGNMENT



**LEGEND:**

- LOW ●
- MEDIUM ●
- HIGH ●
- STATIONS ▬
- TRANSITWAY ▬
- PROPOSED TRAFFIC LANES ▬
- PROPOSED SIDEWALK ▬
- PROPOSED LANDSCAPE ▬
- EXISTING ROADWAYS ▬
- MUNICIPAL BOUNDARIES ▬



DATE: JUNE 19, 2003  
PROJECT: 03-1111-001



CAD: FC  
CHK: AP

PLOT DATE: July 07, 2003  
FILENAME: T:\Projects\2003\03-1111-001 (RTP, Toronto)\-CA-Hwy 7 Enviro\031111001CA016.dwg

ENVIRONMENTAL IMPACT LOCATIONS  
CENTRE-BATHURST ROUTE  
HIGHWAY 7 ALIGNMENT

FIGURE 17

**LEGEND:**

- LOW ●
- MEDIUM ●
- HIGH ●

**STATIONS** —

**TRANSITWAY** —

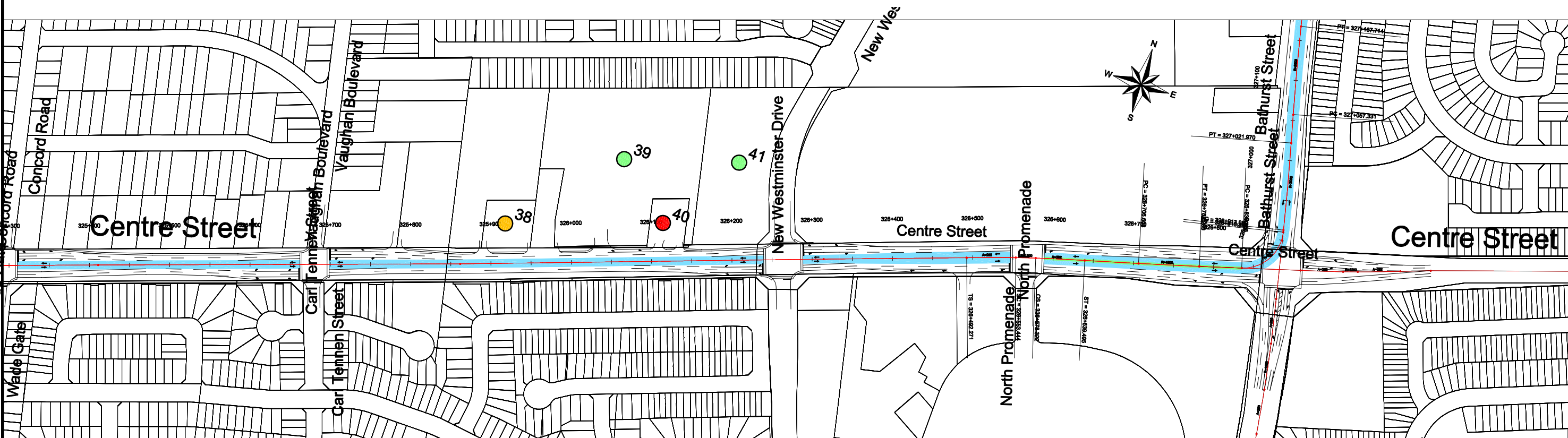
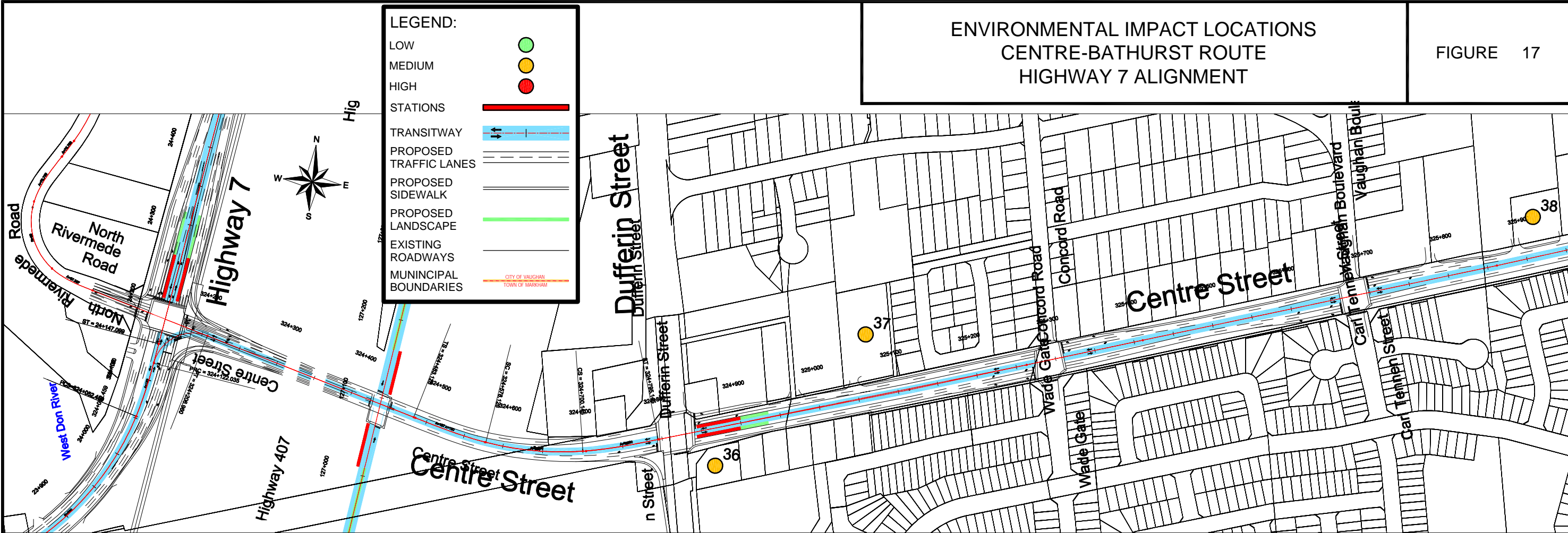
**PROPOSED TRAFFIC LANES** —

**PROPOSED SIDEWALK** —

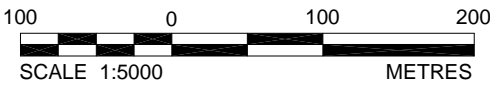
**PROPOSED LANDSCAPE** —

**EXISTING ROADWAYS** —

**MUNICIPAL BOUNDARIES** — CITY OF VAUGHAN  
— TOWN OF MARKHAM



PLOT DATE: July 07, 2003  
 FILENAME: T:\Projects\2003\03-1111-001\Wade Gate\CA-Hwy 7 Enviro\031111001CA017.dwg

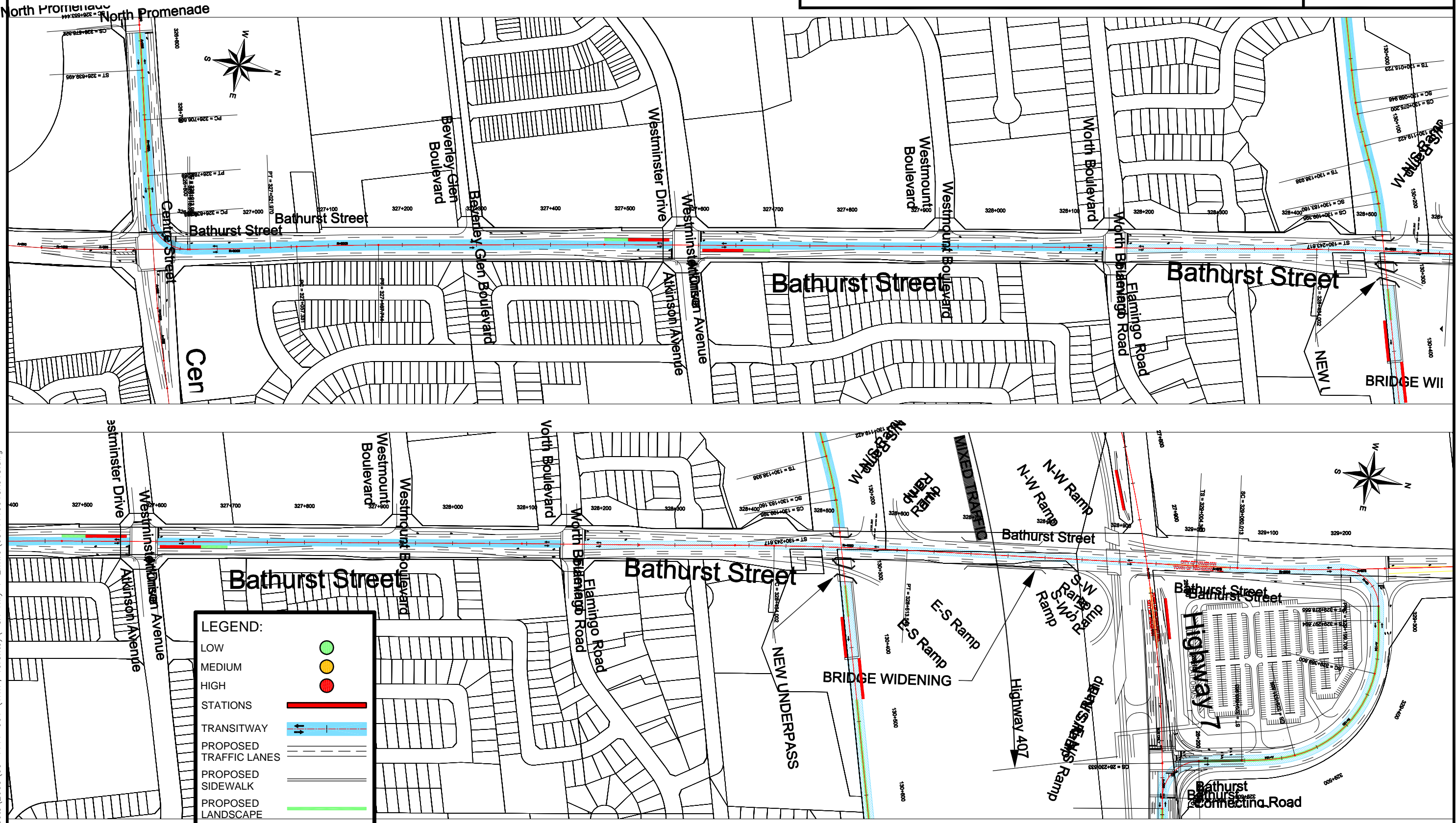


DATE: JUNE 19, 2003  
PROJECT: 03-1111-001



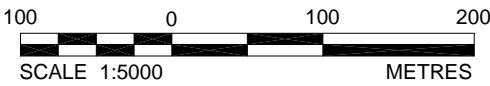
CAD: FC  
CHK: AP

ENVIRONMENTAL IMPACT LOCATIONS  
CENTRE-BATHURST ROUTE  
HIGHWAY 7 ALIGNMENT



**LEGEND:**

- LOW ●
- MEDIUM ●
- HIGH ●
- STATIONS ▬
- TRANSITWAY ▬▬
- PROPOSED TRAFFIC LANES - - -
- PROPOSED SIDEWALK —
- PROPOSED LANDSCAPE —
- EXISTING ROADWAYS —
- MUNICIPAL BOUNDARIES —



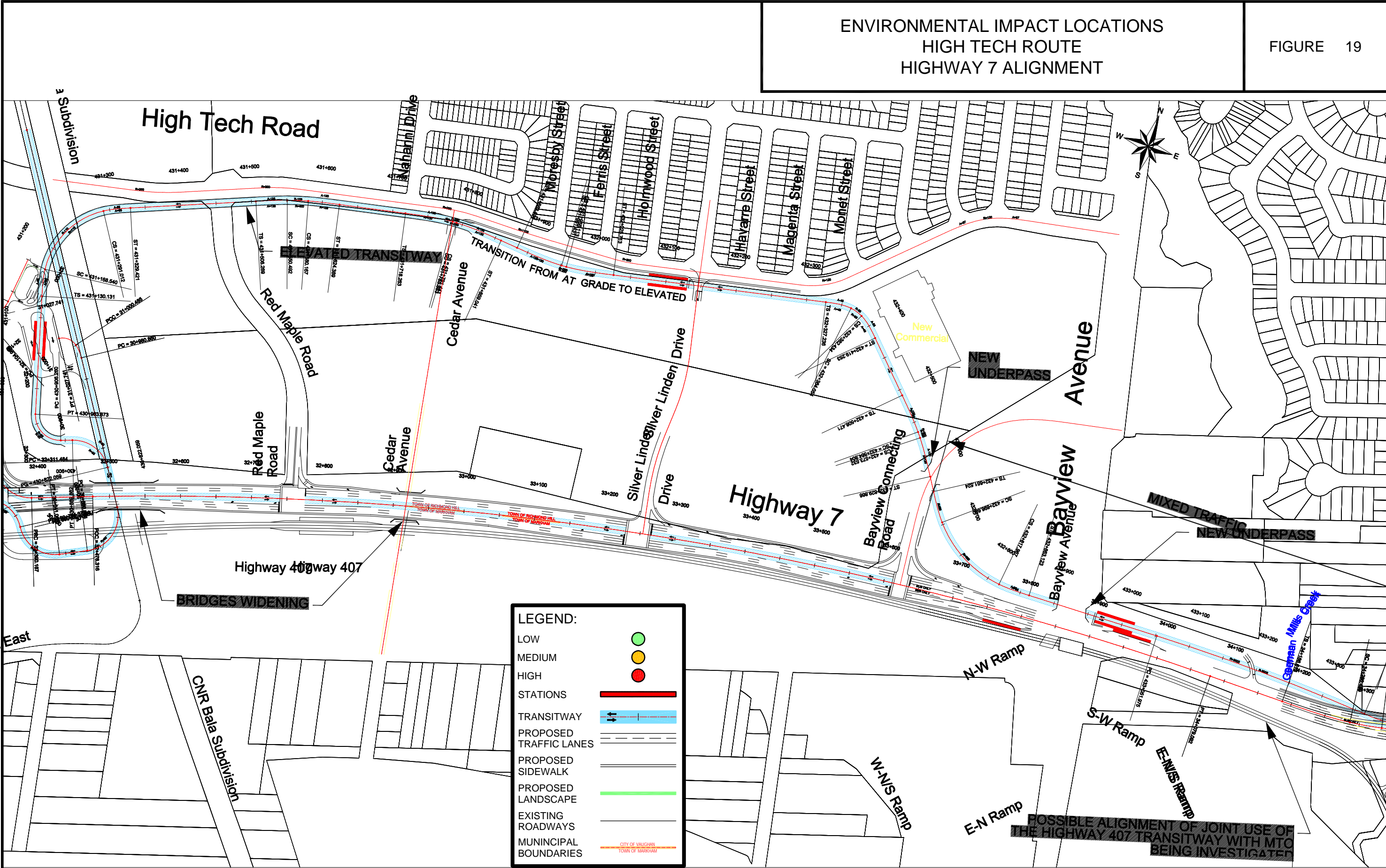
DATE: JUNE 19, 2003  
PROJECT: 03-1111-001



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CHK: AP

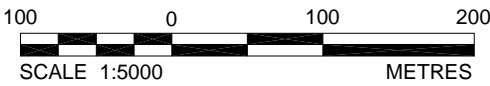
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ENVIRONMENTAL IMPACT LOCATIONS  
HIGH TECH ROUTE  
HIGHWAY 7 ALIGNMENT



**LEGEND:**

- LOW ●
- MEDIUM ●
- HIGH ●
- STATIONS
- TRANSITWAY
- PROPOSED TRAFFIC LANES
- PROPOSED SIDEWALK
- PROPOSED LANDSCAPE
- EXISTING ROADWAYS
- MUNICIPAL BOUNDARIES



DATE: JUNE 19, 2003  
PROJECT: 03-1111-001

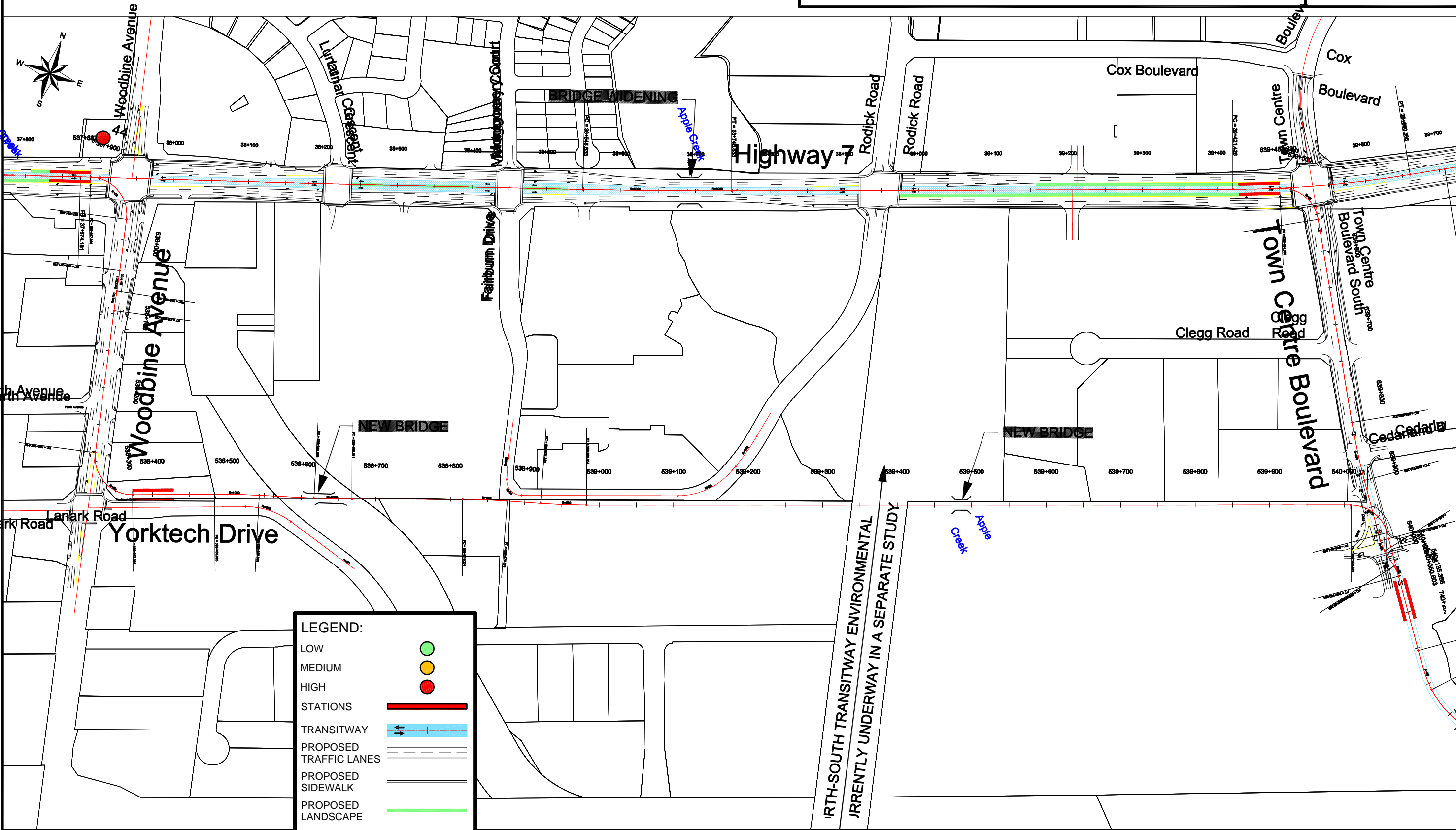


CAD: FC  
CHK: AP

PLOT DATE: July 07, 2003  
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ENVIRONMENTAL IMPACT LOCATIONS  
MARKHAM CENTRE ROUTE  
HIGHWAY 7 ALIGNMENT

FIGURE 20

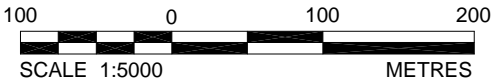


PLOT DATE: July 07, 2003  
FILENAME: T:\Projects\2003\03-1111-001 (YRTP, Toronto)\-CA-Hwy 7 Enviro\03111001CA020.dwg

**LEGEND:**

- LOW ●
- MEDIUM ●
- HIGH ●
- STATIONS ▬
- TRANSITWAY ▬
- PROPOSED TRAFFIC LANES ▬
- PROPOSED SIDEWALK ▬
- PROPOSED LANDSCAPE ▬
- EXISTING ROADWAYS ▬
- MUNICIPAL BOUNDARIES ▬

CITY OF VAUGHAN  
TOWN OF MARKHAM

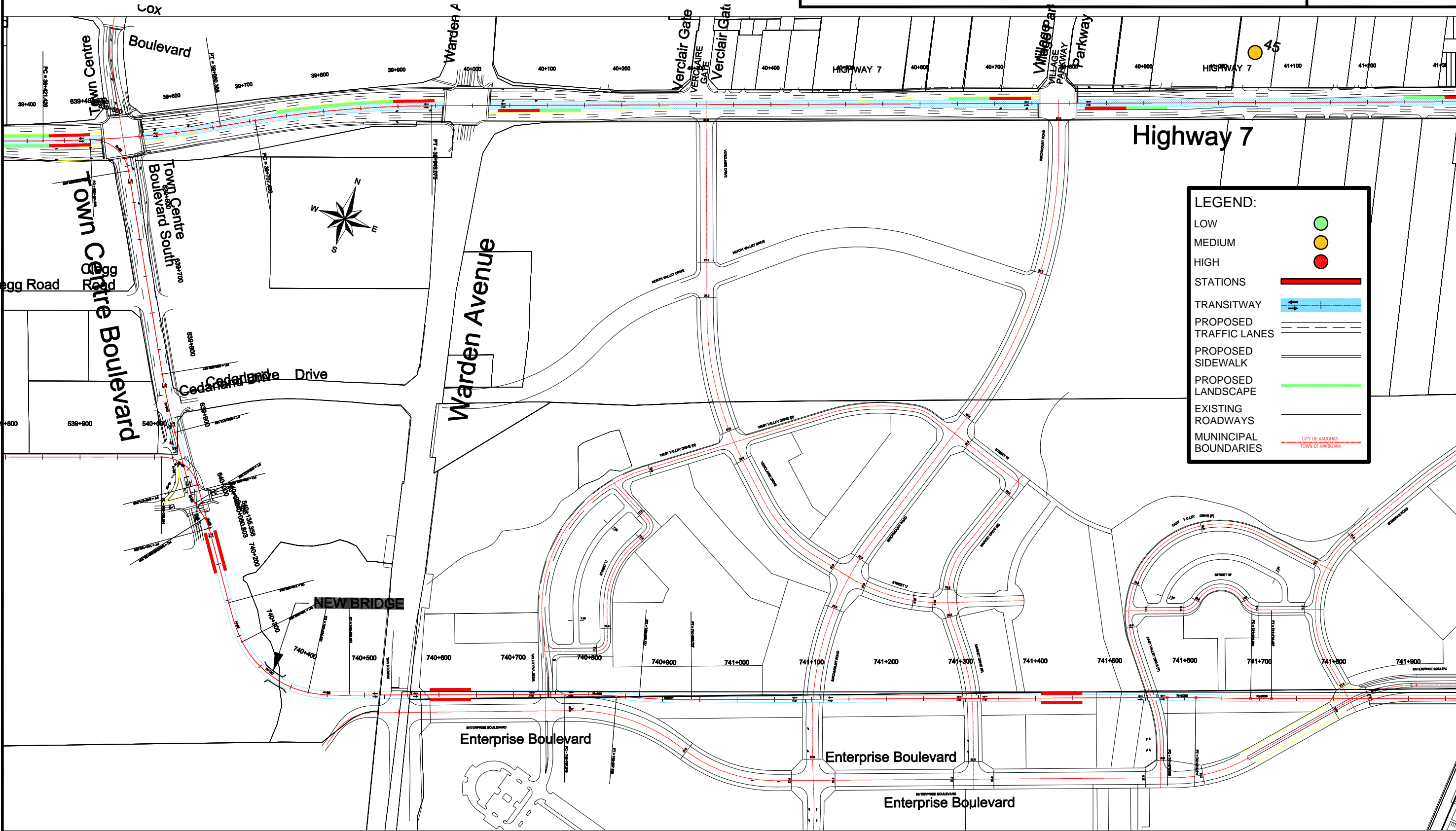


DATE: JUNE 19, 2003  
PROJECT: 03-1111-001



CAD: FC  
CHK: AP

ENVIRONMENTAL IMPACT LOCATIONS  
 MARKHAM CENTRE ROUTE  
 HIGHWAY 7 ALIGNMENT

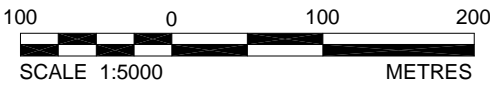


**LEGEND:**

- LOW ●
- MEDIUM ●
- HIGH ●
- STATIONS
- TRANSITWAY
- PROPOSED TRAFFIC LANES
- PROPOSED SIDEWALK
- PROPOSED LANDSCAPE
- EXISTING ROADWAYS
- MUNICIPAL BOUNDARIES

CITY OF VAUGHAN  
 TOWN OF MARKHAM

PLOT DATE: July 07, 2003  
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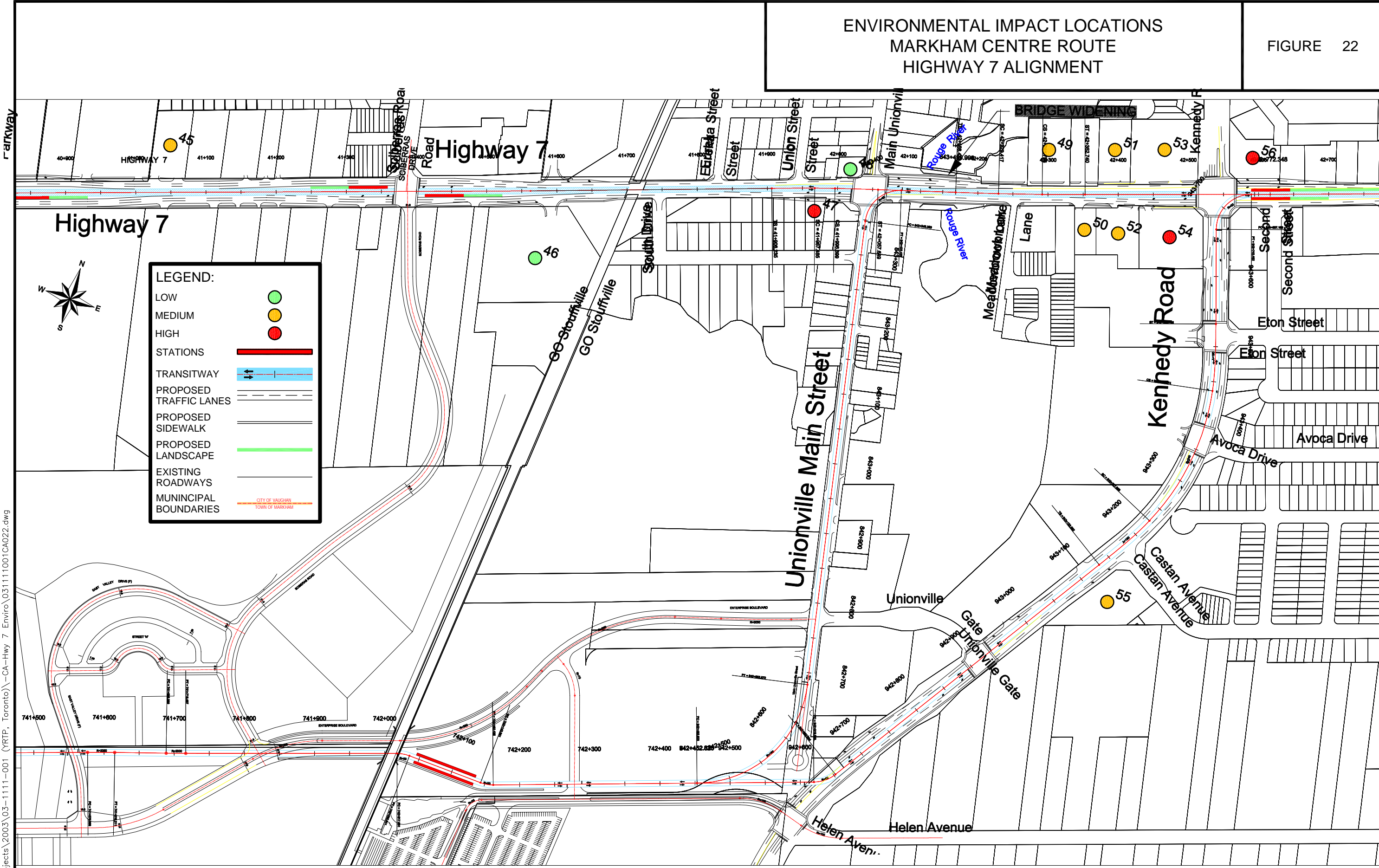
DATE: JUNE 19, 2003  
 PROJECT: 03-1111-001



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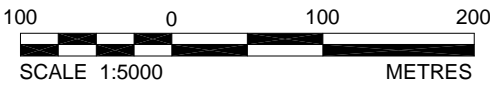
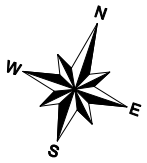
ENVIRONMENTAL IMPACT LOCATIONS  
MARKHAM CENTRE ROUTE  
HIGHWAY 7 ALIGNMENT

FIGURE 22



**LEGEND:**

- LOW ●
- MEDIUM ●
- HIGH ●
- STATIONS
- TRANSITWAY
- PROPOSED TRAFFIC LANES
- PROPOSED SIDEWALK
- PROPOSED LANDSCAPE
- EXISTING ROADWAYS
- MUNICIPAL BOUNDARIES



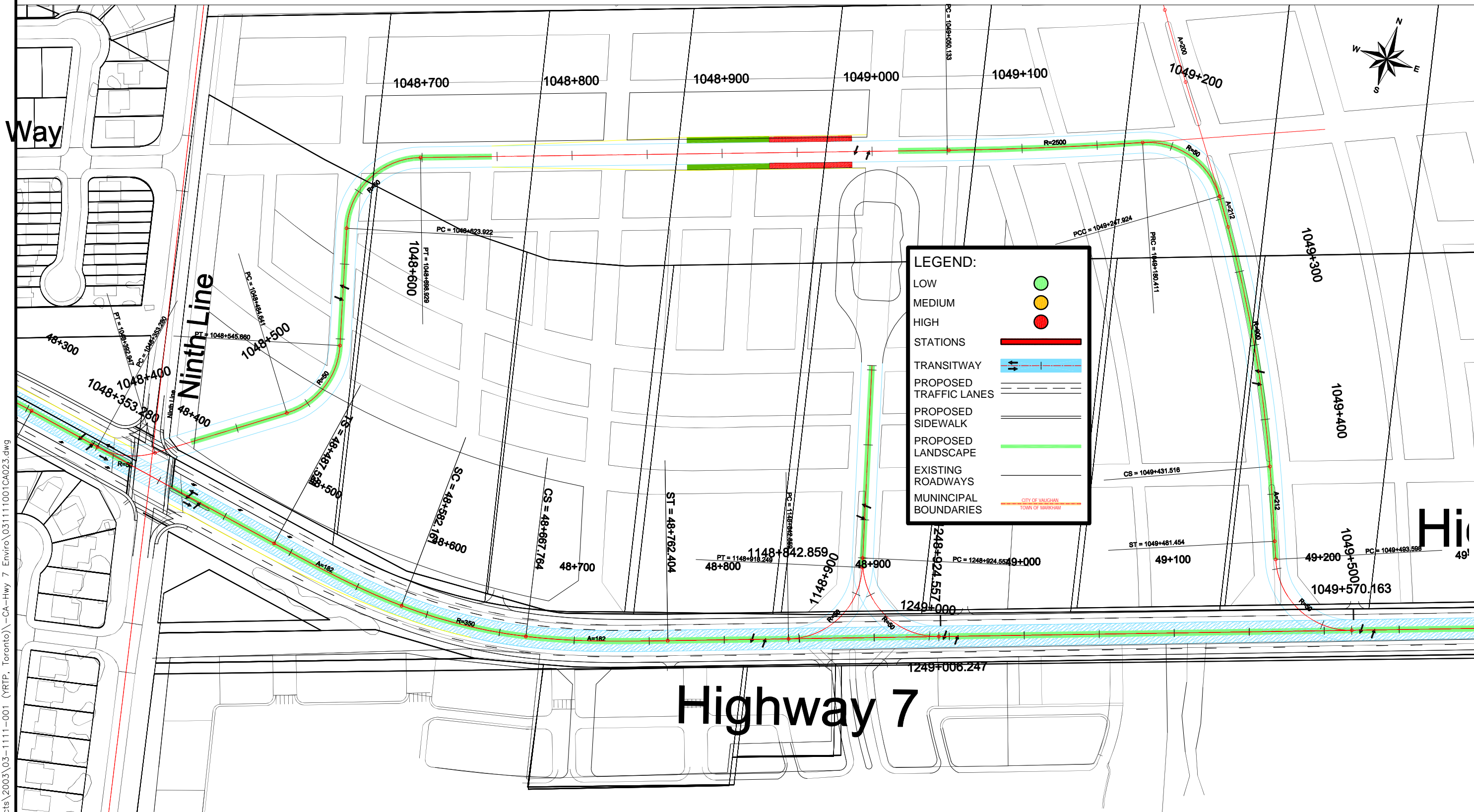
DATE: JUNE 19, 2003  
PROJECT: 03-1111-001



CAD: FC  
CHK: AP

PLOT DATE: July 07, 2003  
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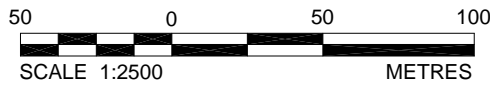
ENVIRONMENTAL IMPACT LOCATIONS  
HOSPITAL ROUTE  
HIGHWAY 7 ALIGNMENT



**LEGEND:**

- LOW ●
- MEDIUM ●
- HIGH ●
- STATIONS ▬
- TRANSITWAY ▬
- PROPOSED TRAFFIC LANES ▬
- PROPOSED SIDEWALK ▬
- PROPOSED LANDSCAPE ▬
- EXISTING ROADWAYS ▬
- MUNICIPAL BOUNDARIES ▬ CITY OF VAUGHAN / TOWN OF MARKHAM

PLOT DATE: July 07, 2003  
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DATE: JUNE 19, 2003  
PROJECT: 03-1111-001



CAD: FC  
CHK: AP

## **TABLES**

**TABLE 1  
PROPERTIES IDENTIFIED AS A POTENTIAL ENVIRONMENTAL CONCERN ALONG THE  
HIGHWAY 7 ROUTE ALIGNMENT OPTIONS**

Map ID #	Municipal Address		Company Name	Site Operations	Comments	Environmental Concern Rating	2003	2001	1995	1991	1985	1980	1975	Rationg Rationale	
<b>HWY 50 Crosses (York / Peel line)</b>															
<b>HWY 27 Crosses</b>															
1	6720	Hwy 7	597 Complete Auto / Danmar Auto / Suny's Gas Station	Commercial auto building with several businesses.	5 vent pipes for USTs.	H	597 Complete Auto / Danmar Auto / Suny's Gas Station	597 Complete Auto / Danmar Auto / Suny's Gas Station	Frank & Johnny's Auto Repair	Bakers Dozen Donuts	Danmar Auto	Not Listed	Not Listed	At least 20 years of automobile fuelling and service.	
<b>HWY 427 Ends</b>															
<b>Royal Group Crescent, South East corner of HWY 7 and HWY 427</b>															
2	61	Royal Group Crescent	Candor		Large industrial manufacturing centre	L	Candor	Notl listed	Notl listed	Notl listed	Notl listed	Notl listed	Notl listed	Industrial Operations	
2	71	Royal Group Crescent	Ultimate plastics		Large industrial manufacturing centre	L	Ultimate plastics	Notl listed	Notl listed	Notl listed	Notl listed	Notl listed	Notl listed	Notl listed	Industrial Operations
2	81	Royal Group Crescent	Imperial		Large industrial manufacturing centre	L	Imperial	Notl listed	Notl listed	Notl listed	Notl listed	Notl listed	Notl listed	Notl listed	Industrial Operations
2	91	Royal Group Crescent	Roy Tech		Large industrial manufacturing centre	L	Roy Tech	Notl listed	Notl listed	Notl listed	Notl listed	Notl listed	Notl listed	Notl listed	Industrial Operations
2	50	Royal Group Crescent	Majestic		Large industrial manufacturing centre	L	Majestic	Notl listed	Notl listed	Notl listed	Notl listed	Notl listed	Notl listed	Notl listed	Industrial Operations
3	5869	Hwy 7	Esso	Gas Station	1 MW SE of 7 USTs appears to be on adjacent east property on transmission line corridor.	H	7 & 27 Gas Bar	7 & 27 Gas Bar	Esso	Bawas Gas Bars	Woodland Firewood	Not Listed	Not Listed	At least 15 years of automobile fuelling and service.	
<b>Martin Grove Crosses</b>															
<b>Woodstream Boulevard Ends</b>															
4	5767	Hwy 7	Midas Auto Center	Auto service	Auto repair and sales center.	M	Midas Auto Center	Midas Auto Center	Midas Auto Center	N/A	N/A	N/A	N/A	Automobile servicing	
5	5645	Hwy 7	Penny Gas Bar	Gas station currently being decommissioned.		H	Penny Gas Bar	Penny Gas Bar	Penny Gas Bar	Penny Gas Bar / V-Plus Service Station	Alview Motors Ltd.	N/A	N/A	Automobile servicing for at least 20 years.	
<b>Kipling Avenue Crosses</b>															
6	5601	Hwy 7	Sunoco	Gas station	4 vent pipes observed.	H	Sunoco Inc.	Sunoco Inc.	Smaga's Gas Bar	N/A	N/A	N/A	N/A	Automobile servicing and fuelling.	
7	5597	Hwy 7	Nissan Infiniti Dealership	Car sales and service	Auto repair and sales center.	M	Venice Leasing	Venice Leasing	Prima Mazda	N/A	York Diesel Truck Repair	York Diesel Truck Repair	N/A	Usage indicates 20+ years of truck/auto servicing.	
8	5585	Hwy 7	Number 7 Honda Sales & Service	Car sales and service	Nissan Mazda Volkswagen Toyota	M	Number 7 Honda Sales & Service	Number 7 Honda Sales & Service	Number 7 Honda Sales & Service	Number 7 Honda Sales & Service	Number 7 Honda Sales & Service	Number 7 Honda Sales & Service	N/A	Usage indicates 30+ years of truck/auto servicing.	
9	5555	Hwy 7	Canadian Tire Gas Bar	Car dealership	4 vent pipes observed.	H	Canadian Tire Gas Bar	Canadian Tire Gas Bar	Canadian Tire Gas Bar	Canadian Tire Gas Bar	Canadian Tire Gas Bar	Canadian Tire Gas Bar	N/A	Usage indicates 20+ years of auto fuelling.	

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10	24	Woodstream Blvd.	Mitsubishi Motors	Car dealership	No vent pipes observed	L	Mitsubishi Motors	commercial business mall	commercial business mall	Not listed	Not listed	Not listed	N/A	Possible automobile servicing.
11	5326	Hwy 7	Aviano Motors		Moved to 709 Fenmar (south of Steeles)	L	Aviano Motors	Aviano Motors	Best Adult Video	Number 7 Donuts	Not listed	Residential	N/A	Automobile service center.
12	5309	Hwy 7	Daytona Auto Center	Auto service 2 or 3 bays	Vent or fill pipes not observed	L	Daytona Auto Center	Daytona Auto Center	N/A	N/A	Not listed	N/A	N/A	Automobile service center.
13	5298	Hwy 7	Autotron Automotive	Auto service 3 or 4 bays	Vent or fill pipes not observed	L	Autotron Automotive	Autotron Automotive	Manno Motors	N/A	Residence	N/A	N/A	Automobile service center.
<b>Pine Valley Drive Crosses</b>														
14	5260	Hwy 7	Petro Canada	Gas station	New tanks in 98, vapour recovery and monitoring wells installed, reported by staff.	H	Petro-Canada	Petro-Canada	N/A	N/A	Not listed	N/A	N/A	Automobile fuelling center.
15	5241	Hwy 7	Petro Canada	Gas station	2001 new tanks with wells, reported by staff.	H	Petro-Canada	Petro-Canada	Summit Gas Bar	Summit Gas Bar	Petro Canada	N/A	N/A	Automobile fuelling center for at least 18 years.
16	7720	Islington Avenue	V Plus Petro / Active Green & Ross	Gas station / Auto service.	4 vent pipes observed.	H	V Plus Petro / Active Green and Ross	Active Green & Ross / Islington Gas Bar	Active Tire and Auto / Gas Rite Gas Bar	Active Tire and Auto / Gas Rite Gas Bar	Humber Automotive Ltd.	Humber Automotive Ltd.	Not listed	Automobile servicing for at least 15 years.
17	4817	Hwy 7	L G E Auto body & Painting / Woodbridge Alignment	Multi tenant auto service building	No visible concerns.	M	L G E Auto body & Painting / Woodbridge Alignment	L G E Auto body & Painting / Woodbridge Alignment	L G E Auto body & Painting / Woodbridge Alignment	L G E Auto body & Painting / Woodbridge Alignment	L G E Auto body & Painting / Woodbridge Alignment	L G E Auto body & Painting / Woodbridge Alignment	N/A	Automobile service center for at least 20 years.
<b>Rowntree Dairy Road, South of HWY 7, East of Pine Valley Drive</b>														
18	4515	Hwy 7	Esso	Gas Station	4 vent pipes observed.	H	Superior Esso	Superior Esso	N/A	N/A	J Johnson Texaco	N/A	N/A	Automobile fuelling center for at least 20 years.
19	1000	Rowntree Dairy Road	Petro Canada / Goodyear Service/ Speedy auto	Goodyear Service/ Speedy auto. Petro station sits on HWY 7	6 vent pipes observed.	H	Goodyear	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed	Current automobile fuelling center.
<b>Weston Road Crosses</b>														
20	4235	Hwy 7	Shell	Gas station and Country Style Donuts	6 vent pipes observed.	H	Shell Self Serve	Shell Self Serve	Shell Self Serve	Shell Self Serve	Shell Self Serve	Shell Self Serve	N/A	Automobile fuelling center for at least 20 years.
21	3899 / 3901	Hwy 7	Speedy Auto Service	Auto service	No visible concerns.	M	Speedy Auto Service	Speedy Auto Service	N/A	N/A	N/A	N/A	N/A	Current automobile service center.
22	3764	Hwy 7	Woodbridge Esso	Gas Station	4 vent pipes observed.	H	Woodbridge Esso	Woodbridge Esso	Esso Self Serve	N/A	N/A	N/A	N/A	Automobile fuelling center for at least 15 years.
23	3733	Hwy 7	Petro Canada	Gas station and A&W and Convenience Store.	Redeveloped 4 years ago 6 USTs with MWs	H	400 & 7 Service Center	N/A	400 & 7 Service Center	Max Gan Gas Bar	Larry's Service Center	N/A	N/A	Automobile fuelling center for at least 20 years.
<b>HWY 400 Crosses</b>														
<b>Jane Street</b>														
24	2901	Hwy 7	St. Mary's Cement	Cement truck loading	Possible truck service and fuelling on site.	L	St. Mary's Cement	Not listed	Not listed	Not listed	Not listed	N/A	N/A	Industrial operation.
25	2757	Hwy 7	Moved to 33 Peelar Road Concord. Not seen during reconnaissance. Not listed in 411.		Moved to 33 Peelar Road Concord. Not seen during reconnaissance. Not listed in 411.	H		P D Lube Inc.	V-Plus Service Station	M P Automotive	N/A	Norm's Auto Service	Morris Sunoco	Historic fuelling center.
26	2739	Hwy 7				H		Dave's Esso	L P Esso	L P Esso	T & J Esso	Steve's Esso	Steve's Esso	Historic fuelling center.

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27	2725	Hwy 7	Pinecrest 2000 Auto	Auto sales	No visible concerns.	M	Pinecrest 2000 Auto	Pinecrest 2000 Auto	Pinecrest 2000 Auto	N/A	N/A	N/A	N/A	Automobile service centre for at least 15 years.
28	2685	Hwy 7	Seven View Plymouth Chrysler	Small auto sales and service	No visible concerns.	M	Seven View Plymouth Chrysler	Seven View Plymouth Chrysler	Seven View Plymouth Chrysler	N/A	Seven View Plymouth Chrysler	Domy & Pat's Garage/7 view Plymouth Chrysler	N/A	Automobile service centre for at least 25 years.
29	2661	Hwy 7	Not observed during reconnaissance.		Not observed during reconnaissance.	H		Not listed	Pinecrest Restaurant / Truck Stop	N/A	Pinecrest Restaurant	Premium Oil Co. Service Station	Premium Oil Co. Service Station	Historic automobile fuelling center.
<b>Doney Crescent, South of HWY 7 West of Keele.</b>														
30	250	Doney Crescent	Brake Pro		Numerous transport tankers on site. Possible on site fuelling operations.	L	Brake Pro	Brake Pro	Tenneco Heavy Duty Brake Ltd.	Tenneco Heavy Duty Brake Ltd.	Not listed	Not listed	Not listed	Industrial operations
<b>Administration Road, North of HWY 7 west of Keele.</b>														
31		Administration Road	Canadian National Railway Yards		Large railway yard works.	H	Canadian National Railway Yards							Possible spills associated with railyard operations.
31	59	Administration Road	Federal Mogul	Industrial	Usage not determined.	L	Federal Mogul	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed	Industrial operations
<b>Keele Street Crosses</b>														
32	7700	Keele Street	Norampac		Large industrial building	L	Norampac	Wesbell Freight Systems	Not listed	Not listed	Not listed	Not listed	Not listed	Industrial operations.
33	2267	Hwy 7	Shell Gas Bar	Gas Station	Corner of Keele and HWY 7, 6 USTs No MWs according to operator.	H	Shell Gas Bar	Shell Gas Bar	Shell Gas Bar / Tim Hortons	Shell Gas Bar / Tim Hortons	Hamill's Shell Self Serve	Fred's Service Station	Fred's Service Station	Automobile fuelling center for at least 25 years.
<b>Centre Street Thornhill Ends</b>														
34	2104	Hwy 7	Lucky Star Cleaners	Multi tennant Commercial building	On site closed loop in business for 18 - 20 years.	H	Lucky Star Cleaners	Lucky Star Cleaners	Lucky Star Cleaners	Lucky Star Cleaners	N/A	N/A	N/A	Dry cleaners.
35	2006	Hwy 7	Active Green & Ross Auto Center	Auto service	No vent pipes observed.	M	Active Green & Ross Auto Center	Active Green & Ross Auto Center	Joe's Auto Collision	HWY & Auto Collision / Canadian Automotive Center	HWY & Auto Collision / Canadian Automotive Center	HWY & Auto Collision / Canadian Automotive Center	N/A	Automobile service center for at least 20 years.
36	1487	Center Street	Clutch'n Brake Lube Center	Auto Service	Actually 91 Fernstaff Crt. No visible concerns	M	Clutch'n Brake Lube Center	Clutch'n Brake Lube Center	Hayman motors	Not listed	Not listed	Not listed	Not listed	Automobile service center.
37	1416	Center Street	Not seen during reconnaissance.		Directory lists center cleaners, not listed in 411.	M	Center Cleaners	Center Cleaners	Center Cleaners	Not listed	Not listed	Not listed	Not listed	Dry cleaners.
38	1102	Center Street	Possible misprint in directory		Not seen during reconnaissance, new directory find.	M	Modern Cleaners	Modern Cleaners	Modern Cleaners	Modern Cleaners	Not listed	Not listed	Not listed	Dry cleaners.
39	1078	Center Street	Possible misprint in directory		Not seen during reconnaissance, new directory find.	M	Not listed	Not listed	Not listed	Not listed	Modern Cleaners	Modern Cleaners	Not listed	Dry cleaners.
40	1030	Center Street	Imperial Oil	Gas Station	3 Vent pipes no MWs visible, seems old.	H	Imperial Oil	Imperial Oil	Rowntrees Esso	Rowntrees Esso	Not listed	Not listed	Not listed	Automobile fuelling and service center.
41	1054	Center Street	Cadet Cleaners	6 years	Drop off only.	L	Cadet Cleaners	Cadet Cleaners	Cleaners not listed	Cleaners not listed	Not listed	Not listed	Not listed	Drop-off cleaners.
<b>Yonge Street Crosses</b>														

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<b>Leslie Street Crosses</b>														
42	408	Hwy 7	Shell Gas Bar	Gas Station	4 vent pipes observed.	H	Shell Gas Bar	Shell Gas Bar	Shell Gas Bar	N/A	Not listed	Residential	N/A	Automobile fuelling center.
<b>East Beaver Creek Ends</b>														
43	255	East Beaver Creek	Esso	Gas Station	NW Corner of East Beaver Creek and HWY 7, 4 vent pipes observed.	H	Esso	Mark's Esso	Mark's Esso	Mike's Esso Gas Bar	Not listed	Not listed	Not listed	Automobile fuelling center.
<b>HWY 404 Crosses</b>														
<b>Woodbine Crosses</b>														
44	8510	Woodbine	Shell	Gas Station	Corner of Woodbine and HWY 7. Propane, 6 vent pipes observed.	H	Shell	Shell	Anne Marie Shell	Mullen Shell	Not listed	Not listed	Not listed	Automobile fuelling center.
<b>Warden Crosses</b>														
45	4072	Hwy 7	Markville Lincoln Mercury sales	Car dealership sales & service	No vent pipes observed.	M	Markville Lincoln Mercury sales	Markville Lincoln Mercury sales	Markville Lincoln Mercury sales	Markville Lincoln Mercury sales	Venus International	Cloverdale Campers Ltd.	N/A	Automobile service center.
46	4261	Hwy 7	Fabricclean Cleaners	Multi tennant Commercial building	Drop off only	L	Fabricclean Cleaners	Fabricclean Cleaners	N/A	N/A	Industrial trailer supply	G M Smith Float Service	N/A	Dry cleaning drop-off depot.
47	4481	Hwy 7	Walkers Cleaners	Dry Cleaners	Full service closed loop machine in business for 18 years.	H	Walkers Cleaners	Walkers Cleaners	N/A	Walkers Cleaners	Walkers Cleaners	Chow's Fruit Center	Chow's Fruit Center	Dry cleaners.
48	4496	Hwy 7	Not seen during reconnaissance.		Not seen during reconnaissance.	H		Not listed	N/A	Not listed	Gus's Auto Service	Gus's B P Service Station	N/A	Historic automobile fuelling center.
49	4600	Hwy 7	Village Nissan	Car dealership sales & service	No visible concerns.	M	Village Nissan	Village Nissan	N/A	Markville Nissan	Markville Nissan	N/A	N/A	Automobile service center.
50	4601	Hwy 7	Midas Auto Service	Auto service center	No visible concerns.	M	Midas Auto Service	Midas Auto Service	N/A	Midas Auto Service	N/A	N/A	N/A	Automobile service center.
51	4600	Hwy 7	Village Nissan	Car dealership sales & service	No visible concerns.	M	Village Nissan	Village Nissan	N/A	Markville Nissan	Markville Nissan	N/A	N/A	Automobile service center.
52	4611	Hwy 7	Markham Honda	Car dealership sales & service	No visible concerns.	M	Markham Honda	Markham Honda	N/A	Markham Honda	Markham Honda	Markham Honda	N/A	Automobile service center.
53	4630	Hwy 7	Unionville Motors	Car dealership sales & service	No visible concerns.	M	Unionville Motors (1973)	Unionville Motors (1973)	N/A	Unionville Motors (1973)	Unionville Motors (1973)	Unionville Motors (1973)	Unionville Motors (1973)	Automobile service center.
<b>Kennedy Crosses</b>														
54	4641	Hwy 7	Volvo Villa Unionville	Car dealership sales & service	No visible concerns.	H	Unionville Volvo Villa	Unionville Volvo Villa	N/A	Gerry Vine Petro-Canada	Ardilla Cy's Service Center	Ardilla Cy's Service Center	Ardilla Cy's Service Center	Automobile fuelling and service center.
55	8332	Kennedy	Jiffy lube	Auto service.	Former rapid lube, waste oil being pumped out by removal company at time of visit. No concerns.	M	Jiffy Lube	Shell Rapid Lube	Notlisted	Notlisted	Notlisted	Notlisted	Notlisted	Automobile fuelling and service center.
56	4780	Hwy 7	Petro Canada	Gas Station	4 vent pipes observed.	H	Petro-Canada	Petro-Canada	N/A	N/A	N/A	N/A	N/A	Automobile fuelling and service center.
57	4981	Hwy 7	Manhattan Cleaners	Multi tennant Commercial building	On site, closed loop system	H	Manhattan Cleaners	Manhattan Cleaners	N/A	N/A	Residential	Residential	N/A	Dry cleaners
58	5221	Hwy 7	Cadet Cleaners	Multi tennant Commercial building	Not seen during reconnaissance, not listed in 411	M	Cadet Cleaners	Cadet Cleaners	N/A	Cadet Cleaners	Cadet Cleaners	N/A	N/A	Dry cleaners
59	5336	Hwy 7	North Pointe Chevrolet Olds Geo	Auto Sales & Service	No Visible concerns.	M	North Pointe Chevrolet Olds Geo	North Pointe Chevrolet Olds Geo	N/A	Conlin Chev Olds	N/A	N/A	N/A	Automobile service center.
60	5362	Hwy 7	Markville Toyota	Auto Sales & Service	No Visible concerns.	M	Markville Toyota	Markville Toyota	N/A	Markville Toyota	N/A	N/A	N/A	Automobile service center.

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61	5396	Hwy 7	Markham Mazda	Auto Sales & Service	No Visible concerns.	M	Markham Mazda	Markham Mazda	Kovac Motors Inc.	Kovac Motors Inc.	N/A	N/A	N/A	Automobile service center.
<b>Mc Cowan Crosses</b>														
62	5426	Hwy 7	Longman's Markham Chrysler Dodge	Auto Sales & Service	No Visible concerns.	M	Longman's Markham Chrysler Dodge	Longman's Markham Chrysler Dodge	Markham Chrysler Dodge	Markham Chrysler Dodge	N/A	N/A	N/A	Automobile service center.
63	5460	Hwy 7	Center Plaza laundromat & cleaners	Multi tennant Commercial building	Laundromat with dry cleaning drop off.	L	Center Plaza laundromat & cleaners	Center Plaza laundromat & cleaners	Center Plaza laundromat & cleaners	Center Plaza laundromat & cleaners	N/A	N/A	N/A	Drop-off depot.
64	5694	Hwy 7	Sunflower Dry Cleaners	Multi tennant Commercial building	Appears recent.	M	Sunflower Dry Cleaners	Sunflower Dry Cleaners	St.clair Paint & Paper	N/A	N/A	N/A	N/A	Dry cleaners.
65	5706	Hwy 7	Shell Gas Bar / Jiffy Lube.	Gas Station and Jiffy Lube	4 USTs no MWs observed.	H	Shell Gas Bar	Shell Gas Bar	N/A	Shell Rapid Lube	N/A	N/A	N/A	Automobile fuelling and service center.
66	5703	Hwy 7	Markham Cleaners		According to staff, cleaners in business since 1957.	H	Markham Cleaners	Markham Cleaners	N/A	Markham Cleaners	Markham Cleaners	Markham Cleaners	Markham Cleaners	Dry cleaners for at least 25 years.
67	5769	Hwy 7	Petro-Canada	Gas Station	5 USTs No MWs observed.	H	Petro-Canada	Petro-Canada	N/A	Lucky 7	N/A	N/A	N/A	Automobile fuelling and service center.
68	5797	Hwy 7	Goodyear Auto Service	Auto service center	No visible concerns.	M	Goodyear Auto Service	Goodyear Auto Service	Goodyear Auto Service	Goodyear Auto Service	N/A	N/A	N/A	Automobile service center.
69	5803	Hwy 7	Active Green & Ross Auto Center / Mr. Lube	Multi tennant Commercial building	No visible concerns.	H	Active Green & Ross Auto Center / Mr. Lube	Active Green & Ross Auto Center / Mr. Lube	Active Green & Ross Auto Center / Mr. Lube	Markham Texaco	N/A	N/A	N/A	Automobile fuelling and service center.
70	5829	Hwy 7	Speedy Auto Service	Auto service center	No visible concerns.	M	Speedy Auto Service	Speedy Auto Service	N/A	Auto Seven	N/A	N/A	N/A	Automobile service center.
71	5964	Hwy 7	Sunflower Dry Cleaners	Dry Cleaners	Closed loop system.	H	Sunflower Dry Cleaners	N/A	Sunflower Dry Cleaners	Sunflower Dry Cleaners	N/A	N/A	N/A	Dry cleaners.
<b>Main Street Markham Road Crosses</b>														
72	6040	Hwy 7	Markville Dry Cleaners	Dry cleaners	On site closed loop.	M	Markville Dry Cleaners	Markville Dry Cleaners	N/A	N/A	N/A	N/A	N/A	Dry cleaners.
73	6080	Hwy 7	Markville Transmission Center	Auto service center	No visible concerns.	M	Markville Transmission Center	Markville Transmission Center	Prono Markham Muffler	Prono Markham Muffler	N/A	N/A	N/A	Automobile service center.
74	6605	Hwy 7	York Cleaners	Multi tennant Commercial building	On site closed loop new machine 7 years ago, apparently in business for 4 years previous.	M	York Cleaners	York Cleaners	York Cleaners	No cleaners listed	N/A	N/A	N/A	Dry cleaners.