GREENBANK ROAD AND SOUTH WEST TRANSITWAY EXTENSION
MARKETPLACE AVENUE to BARNSDALE ROAD

DETAILED DESIGN

BOARD 10

CHEMIN GREENBANK ET PROLONGEMENT DU TRANSITWAY SUD-OUEST
AVENUE MARKETPLACE au CHEMIN BARNSDALE

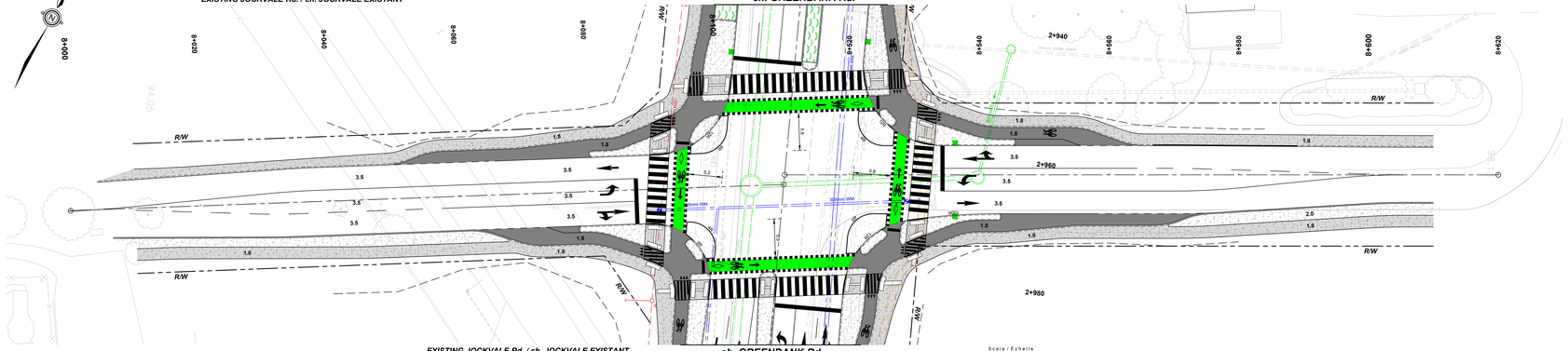
CONCEPTION DÉTAILLÉE

PANNEAU 10

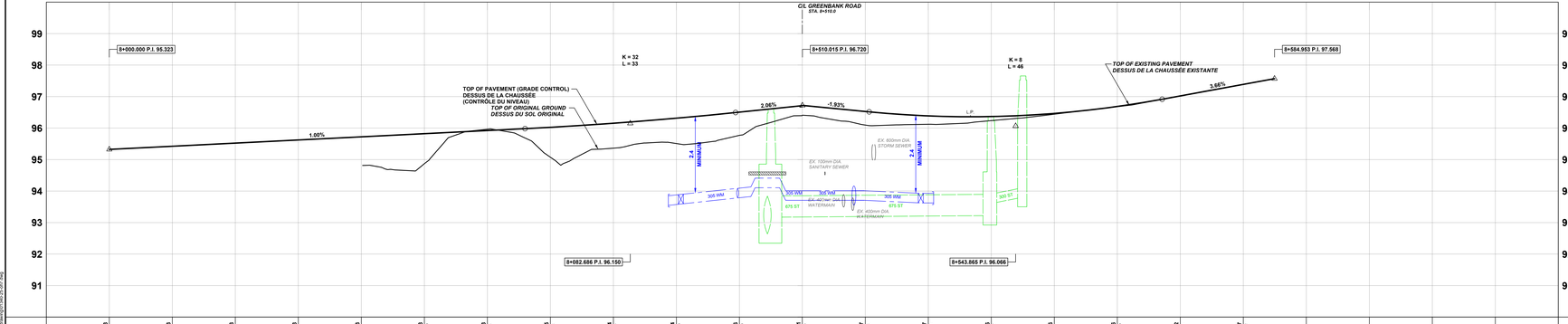
STREET / RUE No.1

BOARD / PANNEAU 1

SOUTH NEPEAN TOWN CENTRE / CENTRE-VILLE de NEPEAN SUD



BOARD / PANNEAU 1



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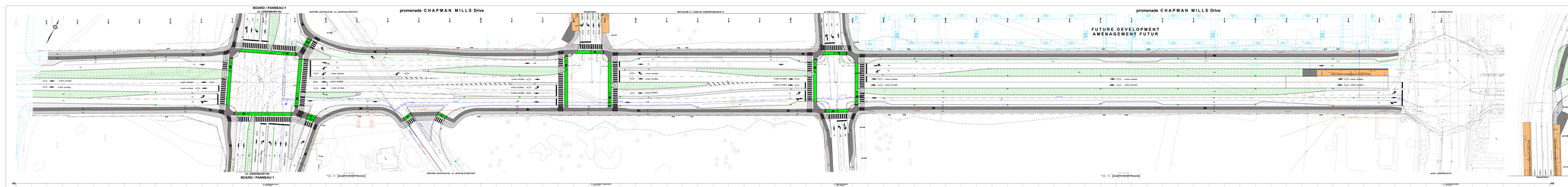
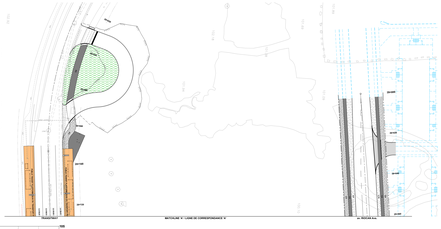
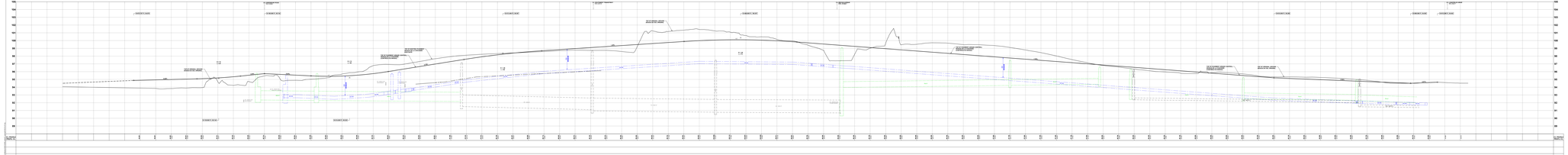






Ottawa

GREENBANK ROAD AND SOUTH WEST TRANSITWAY EXTENSION
MARKETPLACE AVENUE to BARNSDALE ROAD

DETAILED DESIGN

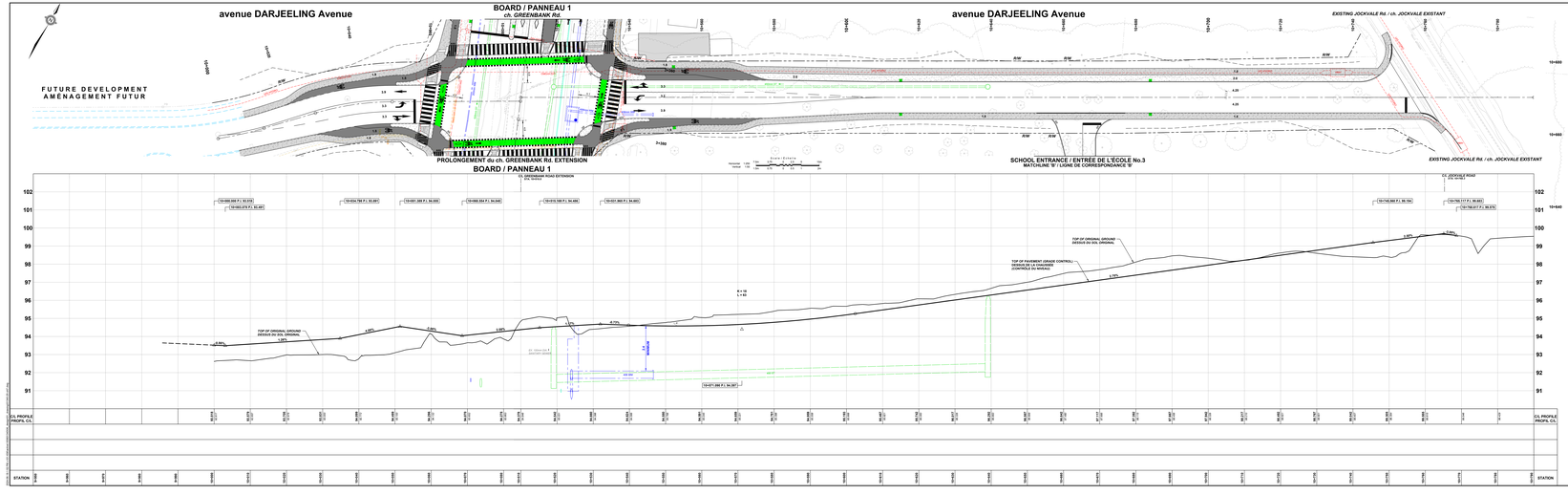
BOARD 11

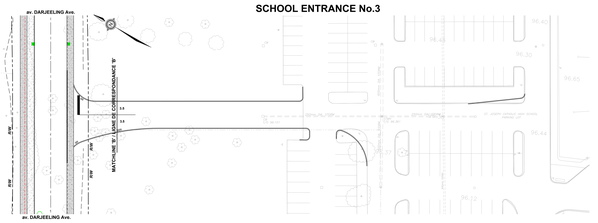
CHEMIN GREENBANK ET PROLONGEMENT DU TRANSITWAY SUD-OUEST AVENUE MARKETPLACE au CHEMIN BARNSDALE

CONCEPTION DETAILLEE

PANNEAU 11

- The Ingress BRT (Bus Rapid Transit) Corridor has been approved since in the Golder, Iain Cash Transportation Consultants Ltd. Report dated March 2010.
- The Transitway at Jeanne-Mance is based on Stantec's approved Greenbank Road, Cougar Blvd. to Jeanne-Mance Detailed Design Drawings dated Feb. 2011.
- Existing Hydrology, drainage and design criteria for Greenbank Road, Jeanne-Mance to Cougar Blvd. is based on Stantec's approved Detailed Design.
- Existing utility is based on the Nortel/Bell, Telephone, Hydro/Gas and Rogers Cable, Telecommunications Utility Locates dated Feb. 2011 and Stantec's approved Detailed Design.
- Existing topographic information is based on the approved Detailed Design of Jeanne-Mance, Greenbank, and Cougar Blvd. Detailed Design.
- Existing Geotechnical information is based on the Golder Existing Work Details.
- Geotechnical recommendations are in effect at the moment.
- Landscape/Lighting/Utility Locations: Stantec Will be contacted after Utility Relocation to confirm the locations of the Utility Poles, Lighting Poles, Signal Poles, Signal Boxes, Hydro Poles, Hydro Boxes, Telephone Boxes, Cable Boxes, Gas Valves, Water Valves, Sewer Manholes, Storm Manholes, Catch Basins, Trees, Shrubs, Flowers, Grass, Sod, Mulch, Sign Posts, Mailboxes, Benches, Bicycle Racks, Garbage Receptacles, Bus Shelters, Bus Stops, Bus Pads, Bus Boxes, Bus Poles, Bus Signs, Bus Lights, Bus Benches, Bus





LEGEND:
LÉGENDE:

- ROAD RIGHT-OF-WAY / EMPRISE ROUTIERE
- SIDEWALK / TROTTOIR
- BOULEVARD / MEDIAN / BOULEVARD / MÉDIANE
- CYCLE TRACK / PISTE CYCLABLE
- SOD / GAZON
- PROPOSED SANITARY SEWER / EGOUT SANITAIRE PROPOSÉ
- PROPOSED STORM SEWER / EGOUT PLUVIAL PROPOSÉ
- PROPOSED watermain / CONDUITE D'EAU PRINCIPALE PROPOSÉE

Ottawa

GREENBANK ROAD AND SOUTH WEST TRANSITWAY EXTENSION
MARKETPLACE AVENUE to BARNSDALE ROAD

DETAILED DESIGN

BOARD 12

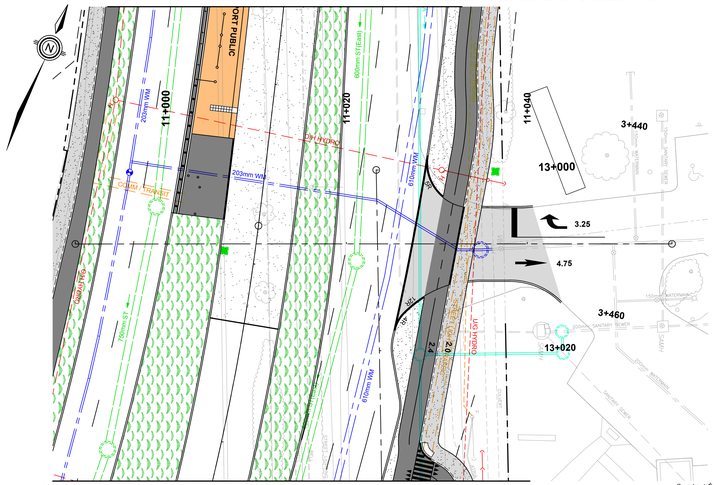
CHEMIN GREENBANK ET PROLONGEMENT DU TRANSITWAY SUD-OUEST
AVENUE MARKETPLACE au CHEMIN BARNSDALE

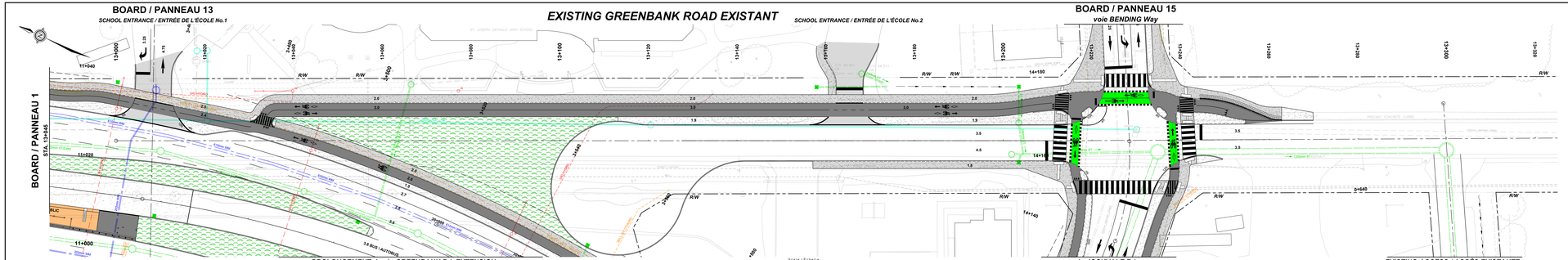
CONCEPTION DÉTAILLÉE

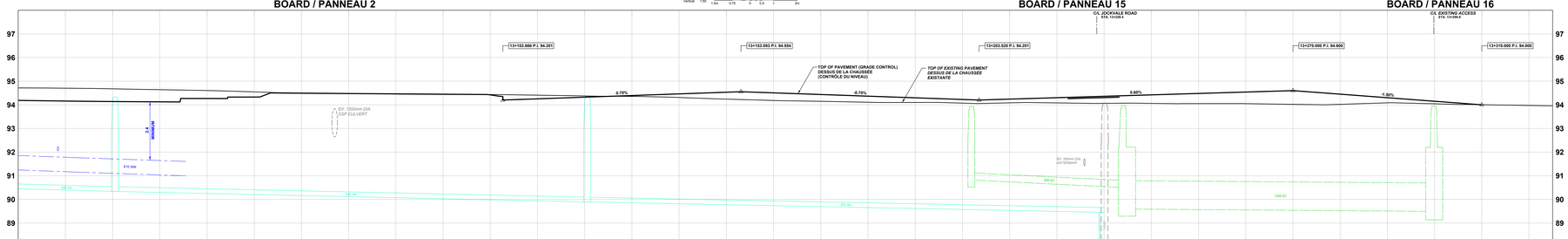
PANNEAU 12

Stantec

SCHOOL ENTRANCE / ENTRÉE DE L'ÉCOLE No.1


SCHOOL
11+000
11+020
11+040
13+000
13+020
3+440
3+460
3.25
4.75
2.4
203mm WM
610mm WM
600mm ST (Exist)
OH HYDRO
CHAIN LINK FENCE
CONCRETE SIDEWALK
TOPSOIL
SOD
SAND
GRAVEL
SHRUBS
TREES
WATERMAIN
SANITARY SEWER
STORM SEWER
HYDRO
GAS
CATV
TELEPHONE
CURB
EDGE OF PAVEMENT
PROPOSED CURB
PROPOSED SIDEWALK
PROPOSED MEDIAN
PROPOSED CYCLE TRACK
PROPOSED SANITARY SEWER
PROPOSED STORM SEWER
PROPOSED WATERMAIN
PROPOSED CONCRETE SIDEWALK
PROPOSED TRAFFIC SIGNAL
PROPOSED LIGHTING
PROPOSED TRAFFIC SIGNS
PROPOSED PAVEMENT MARKING
PROPOSED CONCRETE MEDIAN
PROPOSED ASPHALT MEDIAN
PROPOSED ASPHALT SIDEWALK
PROPOSED ASPHALT CYCLE TRACK
PROPOSED ASPHALT PATH
PROPOSED ASPHALT SHOULDER
PROPOSED ASPHALT DRIVEWAY
PROPOSED ASPHALT PARKING
PROPOSED ASPHALT ROAD
PROPOSED ASPHALT TRAIL





LEGEND:
LÉGENDE:

- ROAD RIGHT-OF-WAY / EMPRISE ROUTIÈRE
- SIDEWALK / TROTTOIR
- BOULEVARD / MEDIAN / BOULEVARD / MÉDIANE
- CYCLE TRACK / PISTE CYCLABLE
- SOD / GAZON
- 300mm SA — PROPOSED SANITARY SEWER / ÉGOUT SANITAIRE PROPOSÉ
- 525mm ST — PROPOSED STORM SEWER / ÉGOUT PLUVIAL PROPOSÉ
- 610mm WM — PROPOSED WATERMAIN / CONDUITE D'EAU PRINCIPALE PROPOSÉE

Ottawa

GREENBANK ROAD AND SOUTH WEST TRANSITWAY EXTENSION

MARKETPLACE AVENUE to BARNSDALE ROAD

DETAILED DESIGN

BOARD 14

CHEMIN GREENBANK ET PROLONGEMENT DU TRANSITWAY SUD-OUEST

AVENUE MARKETPLACE au CHEMIN BARNSDALE

CONCEPTION DÉTAILLÉE

PANNEAU 14

- Realignment of Greenbank Road reconfigures the existing Greenbank Road at the high school;
- A protected intersection will be provided at Jockvale Road / Bending Way.
- Coordination with ongoing development is required for intersections, municipal servicing and grading;
- Storm sewers and stormwater facilities will manage corridor drainage prior to outlet to the Jock River;
- Coordination/protection/relocation of utilities will be required.

- Le nouveau tracé du chemin Greenbank reconfigure le chemin Greenbank existant à la hauteur de l'école secondaire;
- Une intersection protégée est établie au chemin Jockvale / la voie Bending.
- Une coordination avec les aménagements en cours est requise pour les intersections, la viabilisation municipale et le nivellement;
- Des égouts pluviaux et installations de gestion des eaux pluviales gèreront le drainage du couloir avant le déversement dans la rivière Jock;
- La coordination, la protection et le déplacement des services publics seront requis.

Stantec

GREENBANK ROAD AND SOUTH WEST TRANSITWAY EXTENSION
MARKETPLACE AVENUE to BARNSDALE ROAD

DETAILED DESIGN

BOARD 15

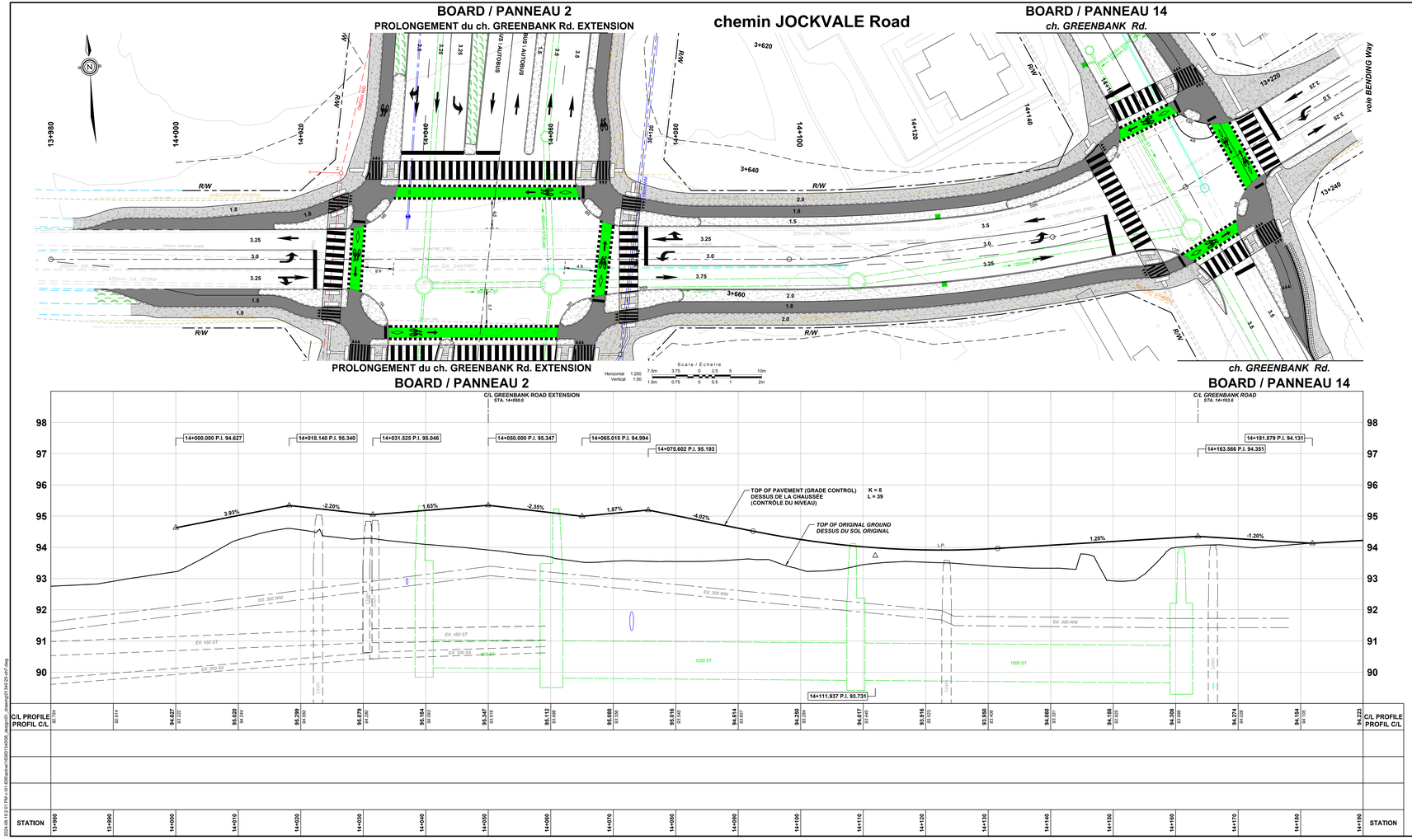
CHEMIN GREENBANK ET PROLONGEMENT DU TRANSITWAY SUD-OUEST
AVENUE MARKETPLACE au CHEMIN BARNSDALE

CONCEPTION DÉTAILLÉE

PANNEAU 15

- Realignment of Greenbank Road reconfigures the existing Greenbank Road at the high school;
- Protected intersections will be provided at Greenbank Road and Jockvale Road / Bending Way;
- Coordination with ongoing development is required for intersections, municipal servicing and grading;
- Storm sewers and stormwater facilities will manage corridor drainage prior to outlet to the Jock River;
- Coordination/protection/relocation of utilities will be required.

- Le nouveau tracé du chemin Greenbank reconfigure le chemin Greenbank existant à la hauteur de l'école secondaire;
- Des intersections protégées seront établies au chemin Greenbank et au chemin Jockvale / la voie Bending;
- Une coordination avec les aménagements en cours est requise pour les intersections, la viabilisation municipale et le nivellement;
- Des égouts pluvieux et installations de gestion des eaux pluviales gèreront le drainage du couloir avant le déversement dans la rivière Jock;
- La coordination, la protection et le déplacement des services publics seront requis.



LEGEND:
LÉGENDE:

- ROAD RIGHT-OF-WAY / EMPRISE ROUTIÈRE
- SIDEWALK / TROTTOIR
- BOULEVARD / MEDIAN / BOULEVARD / MÉDIANE
- CYCLE TRACK / PISTE CYCLABLE
- SOD / GAZON
- 200mm SA — PROPOSED SANITARY SEWER / ÉGOUT SANITAIRE PROPOSÉ
- 525mm ST — PROPOSED STORM SEWER / ÉGOUT PLUVIAL PROPOSÉ
- 610mm WM — PROPOSED WATERMAIN / CONDUITE D'EAU PRINCIPALE PROPOSÉE

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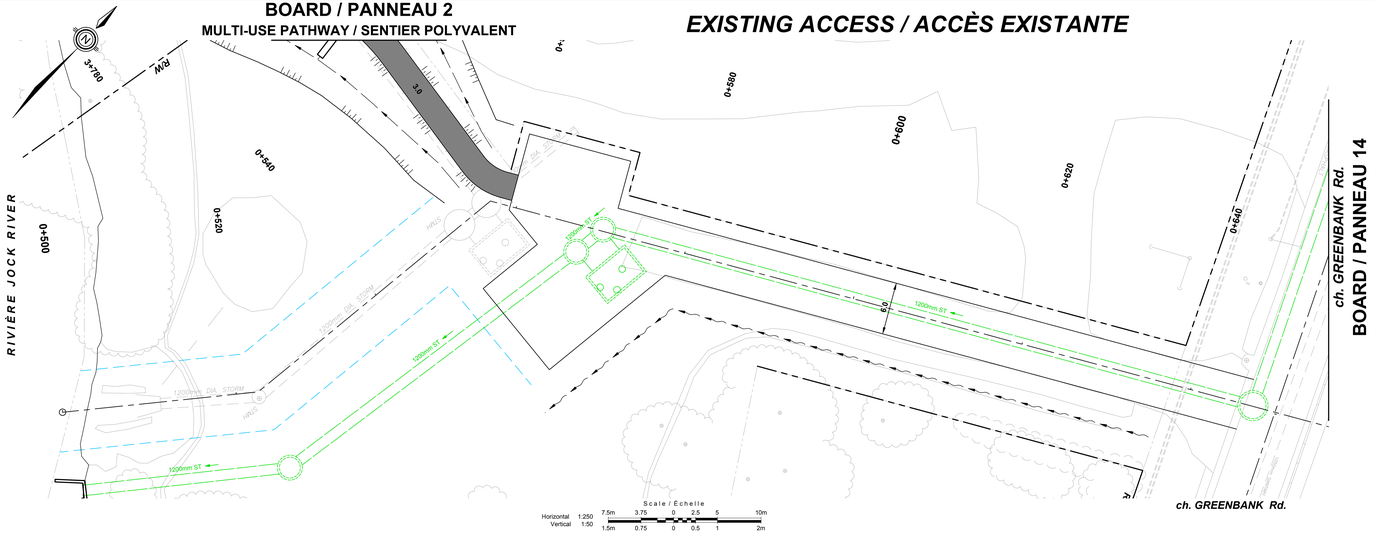

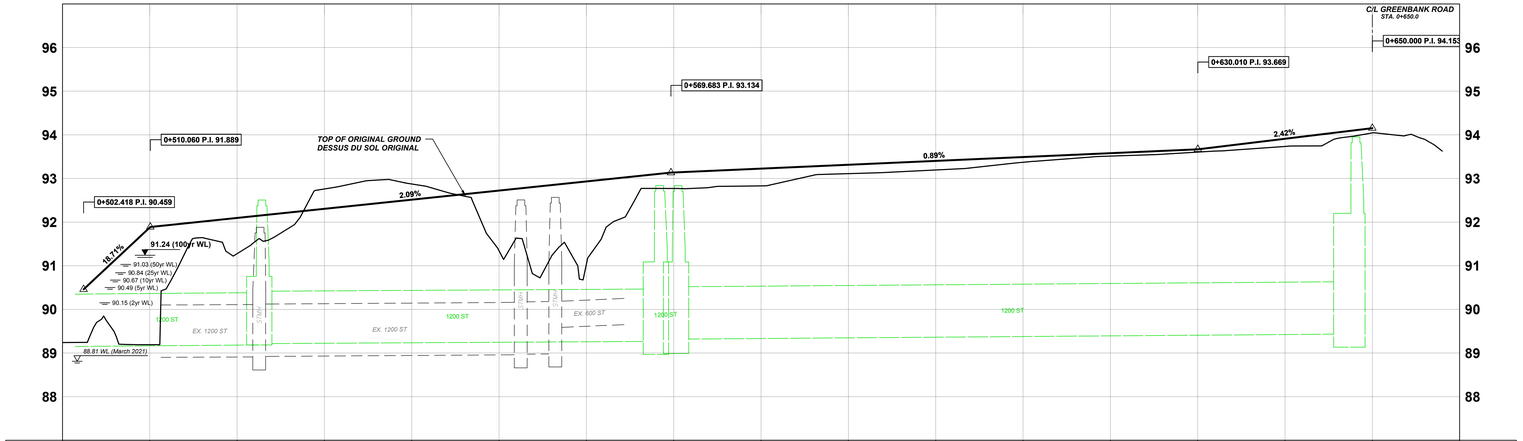

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STATION	0+500	0+510	0+520	0+530	0+540	0+550	0+560	0+570	0+580	0+590	0+600	0+610	0+620	0+630	0+640	0+650	STATION

LEGEND:
LEGENDE:

- ROAD RIGHT-OF-WAY / EMPRISE ROUTIÈRE
- SIDEWALK / TROTTOIR
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- 610mm WM — PROPOSED WATERMAIN / CONDUITE D'EAU PRINCIPALE PROPOSÉE

Ottawa

GREENBANK ROAD AND SOUTH WEST TRANSITWAY EXTENSION

MARKETPLACE AVENUE to BARNSDALE ROAD

DETAILED DESIGN

BOARD 16

CHEMIN GREENBANK ET PROLONGEMENT DU TRANSITWAY SUD-OUEST

AVENUE MARKETPLACE au CHEMIN BARNSDALE

CONCEPTION DÉTAILLÉE

PANNEAU 16

Stantec

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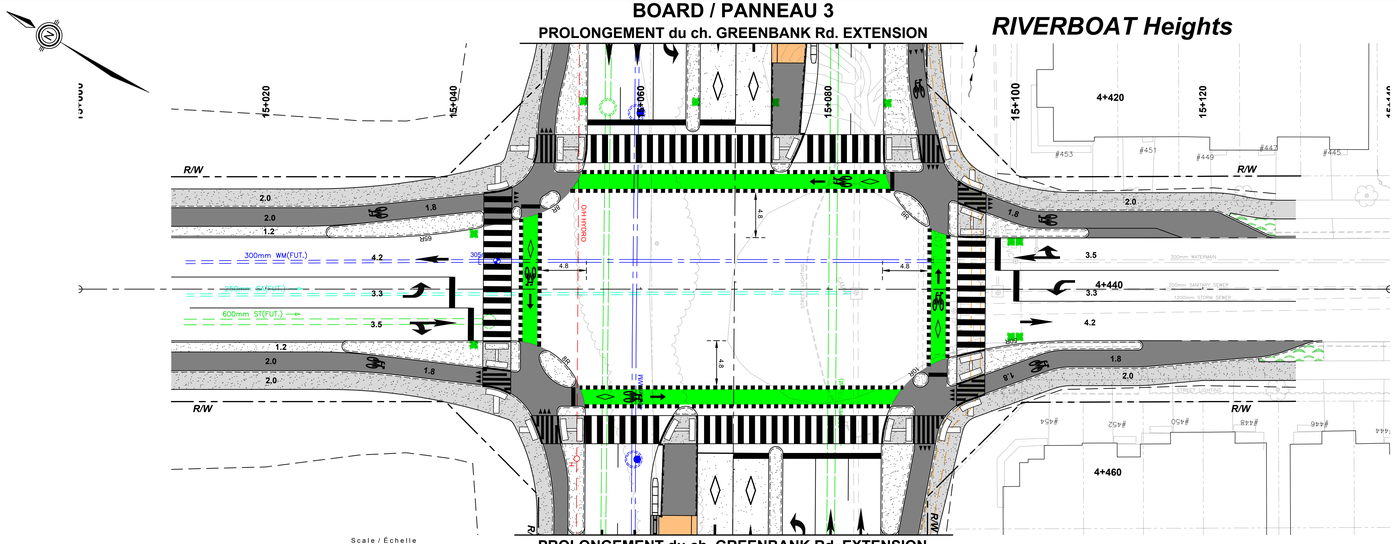
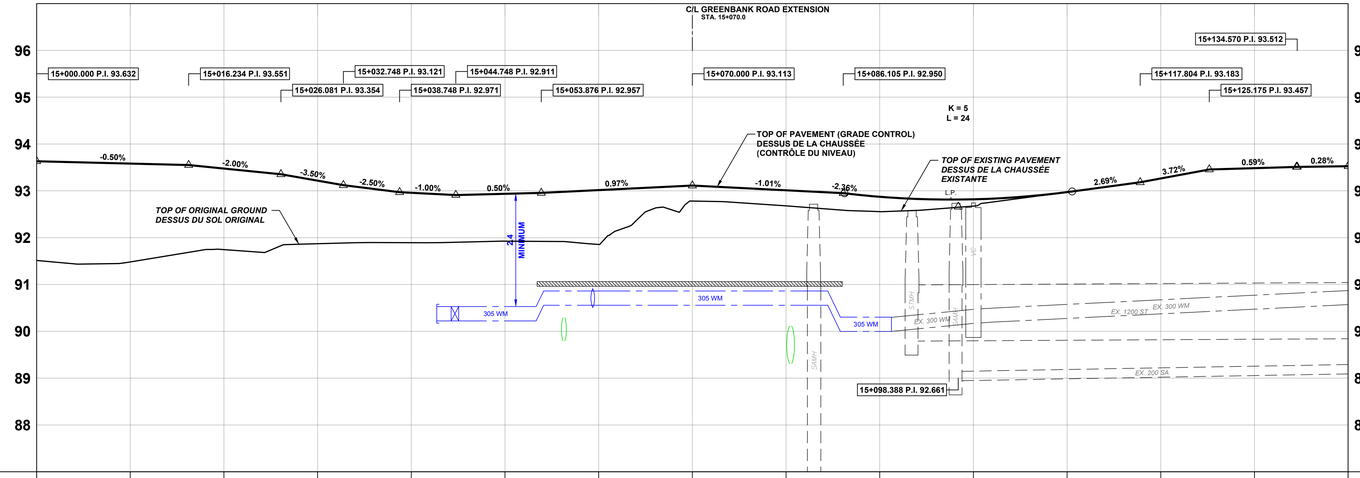
BOARD / PANNEAU 3

PROLONGEMENT du ch. GREENBANK Rd. EXTENSION



PROLONGEMENT du ch. GREENBANK Rd. EXTENSION

BOARD / PANNEAU 3



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STATION		15+010	15+020	15+030	15+040	15+050	15+060	15+070	15+080	15+090	15+100	15+110	15+120	15+130	15+140	STATION

LEGEND:
LÉGENDE:

- ROAD RIGHT-OF-WAY / EMPRISE ROUTIÈRE
- SIDEWALK / TROTTOIR
- BOULEVARD / MEDIAN / BOULEVARD / MÉDIANE
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- 610mm WM — PROPOSED WATERMAIN / CONDUITE D'EAU PRINCIPALE PROPOSÉE

Ottawa

GREENBANK ROAD AND SOUTH WEST TRANSITWAY EXTENSION

MARKETPLACE AVENUE to BARNSDALE ROAD

DETAILED DESIGN

BOARD 17

CHEMIN GREENBANK ET PROLONGEMENT DU TRANSITWAY SUD-OUEST

AVENUE MARKETPLACE au CHEMIN BARNSDALE

CONCEPTION DÉTAILLÉE

PANNEAU 17

Stantec

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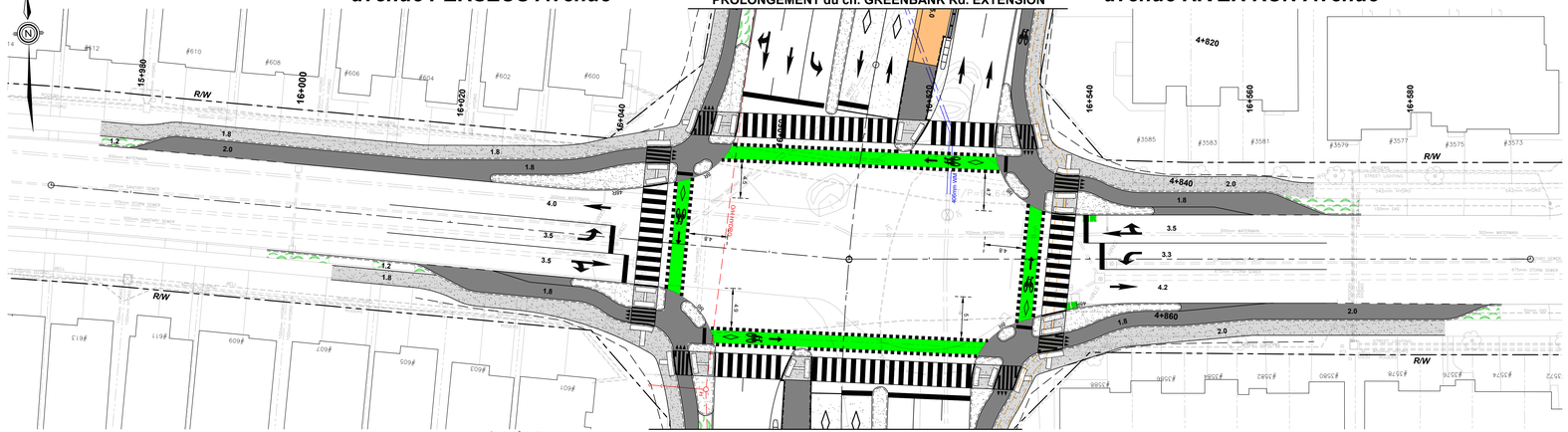
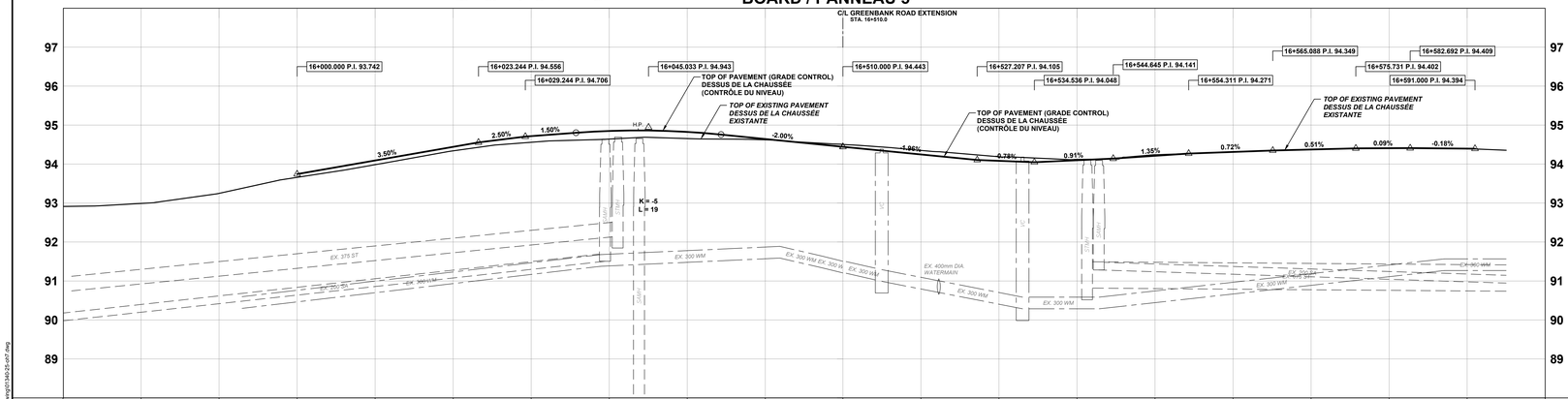
BOARD / PANNEAU 4

PROLONGEMENT du ch. GREENBANK Rd. EXTENSION



PROLONGEMENT du ch. GREENBANK Rd. EXTENSION

BOARD / PANNEAU 5



| C/L PROFILE / PROFIL C/L | | |

GREENBANK ROAD AND SOUTH WEST TRANSITWAY EXTENSION
MARKETPLACE AVENUE to BARNSDALE ROAD

DETAILED DESIGN

BOARD 19

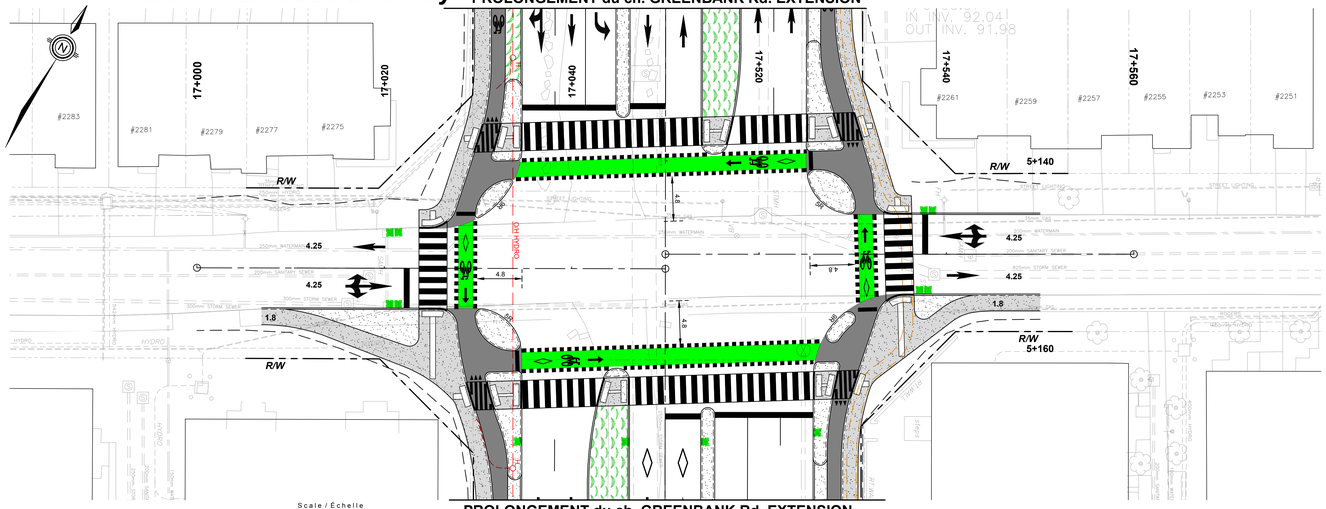
CHEMIN GREENBANK ET PROLONGEMENT DU TRANSITWAY SUD-OUEST
AVENUE MARKETPLACE au CHEMIN BARNSDALE

CONCEPTION DÉTAILLÉE

PANNEAU 19

BOARD / PANNEAU 6

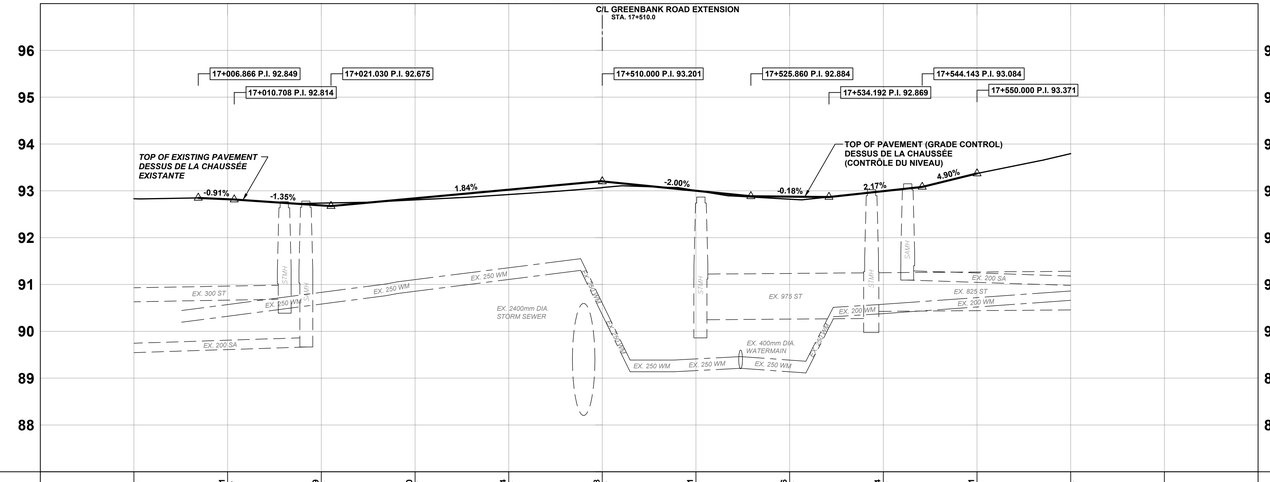
PROLONGEMENT du ch. GREENBANK Rd. EXTENSION



Scale / Échelle
Horizontal 1:250 7.5m 3.75 0 2.5 5 10m
Vertical 1:50 1.5m 0.75 0 0.5 1 2m

PROLONGEMENT du ch. GREENBANK Rd. EXTENSION

BOARD / PANNEAU 6



C/L PROFILE PROFIL C/L		92.821 92.819	92.689 92.738	92.840 92.807	93.024 92.922	93.208 93.070	93.001 92.906	92.876 92.822	92.994 92.992	93.371 93.271	93.794					C/L PROFILE PROFIL C/L
STATION	16+990	17+000	17+010	17+020	17+030	17+040	17+050 17+510	17+520	17+530	17+540	17+550	17+560	17+570	17+580		STATION

LEGEND:
LÉGENDE:

- ROAD RIGHT-OF-WAY / EMPRISE ROUTIÈRE
- SIDEWALK / TROTTOIR
- BOULEVARD / MEDIAN / BOULEVARD / MÉDIANE
- CYCLE TRACK / PISTE CYCLABLE
- SOD / GAZON
- 200mm SA — PROPOSED SANITARY SEWER / ÉGOUT SANITAIRE PROPOSÉ
- 525mm ST — PROPOSED STORM SEWER / ÉGOUT PLUVIAL PROPOSÉ
- 610mm WM — PROPOSED WATERMAIN / CONDUITE D'EAU PRINCIPALE PROPOSÉE

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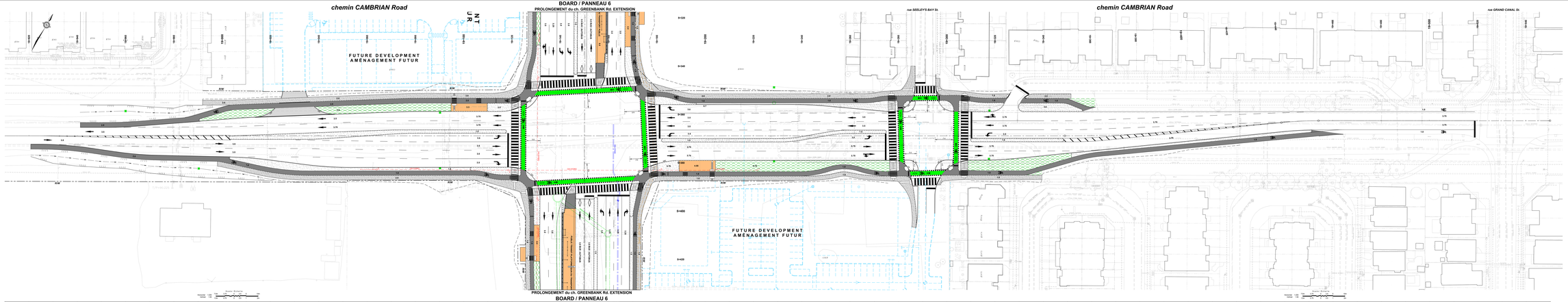

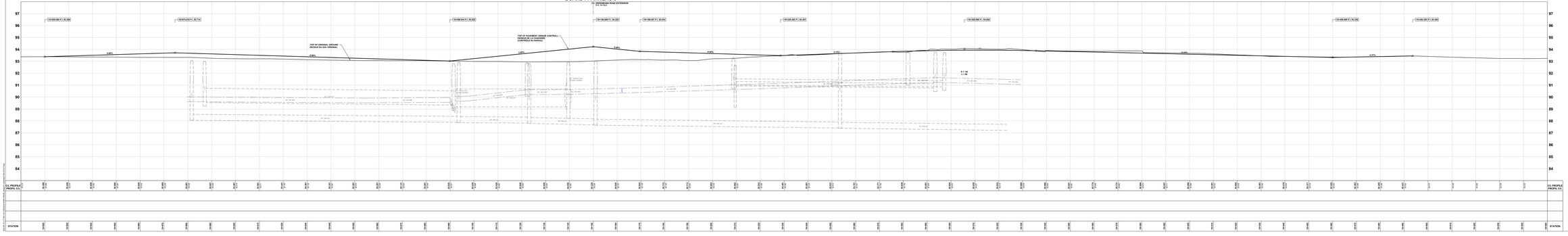

Ottawa

GREENBANK ROAD AND SOUTH WEST TRANSITWAY EXTENSION

MARKETPLACE AVENUE to BARNSDALE ROAD

DETAILED DESIGN

BOARD 20

CHEMIN GREENBANK ET PROLONGEMENT DU TRANSITWAY SUD-OUEST

AVENUE MARKETPLACE au CHEMIN BARNSDALE

CONCEPTION DÉTAILLÉE

PANNEAU 20

- Cambrian Road will be widened from the existing cross-section west of Greenbank Road to Seeley's Bay Street including four traffic lanes, cycle tracks and sidewalks.
- Protected intersections will be provided at Greenbank Road and Seeley's Bay Street.
- Coordination with ongoing development is required for intersections, municipal servicing and grading;
- Storm sewers will collect curbside drainage and outlet to existing storm sewers.
- Coordination/protection/relocation of utilities will be required.

- Le chemin Cambrian sera élargi à partir de la section transversale existante à l'ouest du chemin Greenbank jusqu' à la rue Seeley's Bay; on incluant quatre voies pour la circulation, des pistes cyclistes et des trottoirs;
- Des intersections protégées seront établies au chemin Greenbank ainsi qu'à la rue Seeley's Bay;
- Une coordination avec les aménagements en cours est requise pour les intersections, la viabilisation municipale et le nivellement;
- Des égouts pluviaux recueilleront le drainage du couloir et se déverseront dans les égouts pluviaux existants;
- La coordination, la protection et le déplacement des services publics seront requis.

LEGEND
LÉGENDE

- ROAD RIGHT OF WAY
  EMPRISE ROUTIÈRE
- SIDEWALK
  TROTTOIR
- BOULEVARD / MEDIAN
  BOULEVARD / MÉDIAN
- CYCLE TRACK
  PISTE CYCLABLE
- CBD
  TAQUIN
- PROPOSED SANITARY SEWER
  EGOUT SANITAIRE PROPOSÉ
- PROPOSED STORM SEWER
  EGOUT PLUVIAL PROPOSÉ
- PROPOSED WATERMAIN
  CONDUITE D'EAU PRINCIPALE PROPOSÉE

Stantec