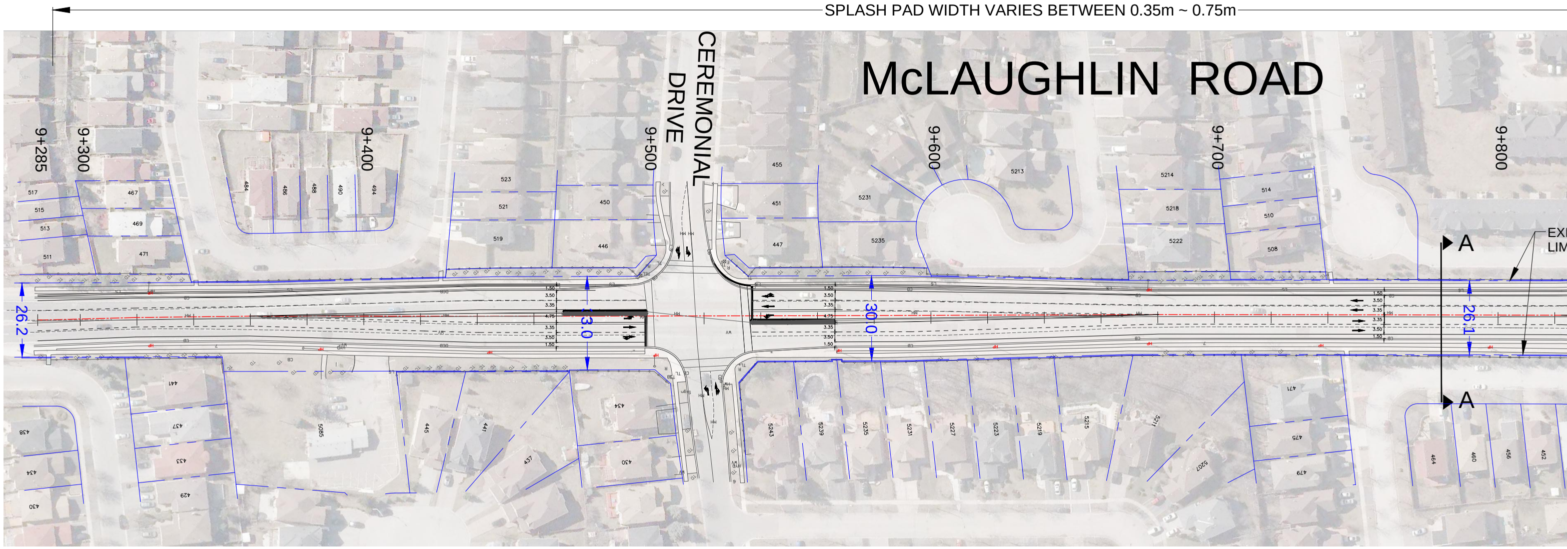
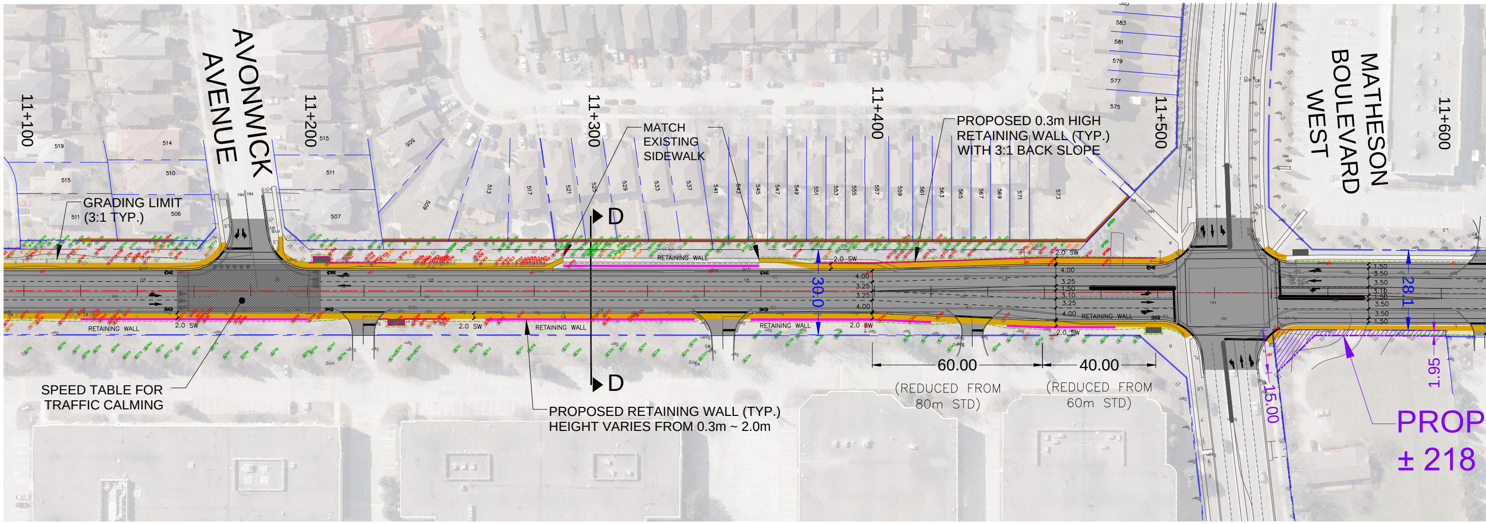
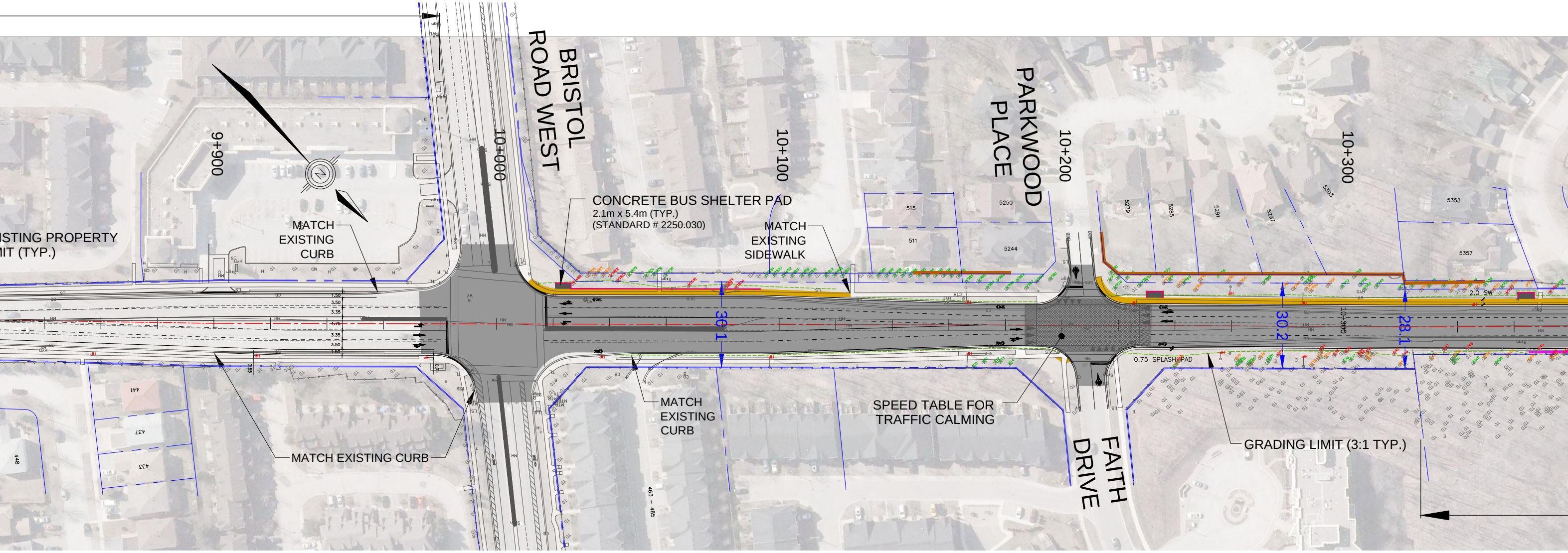
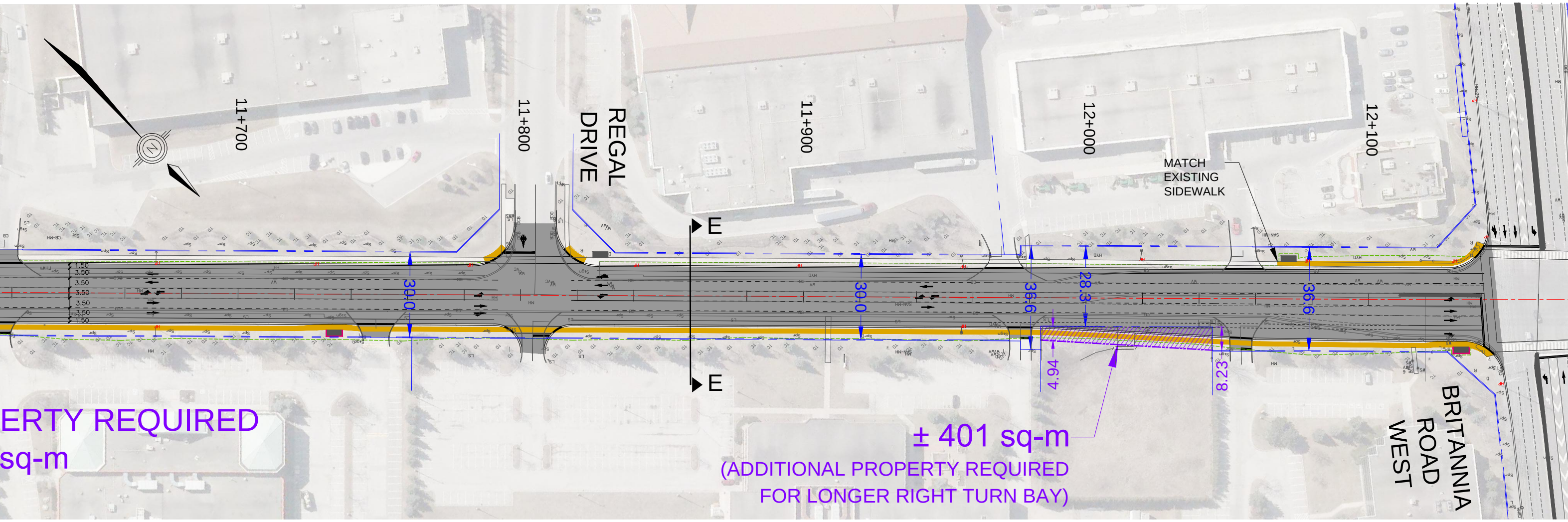
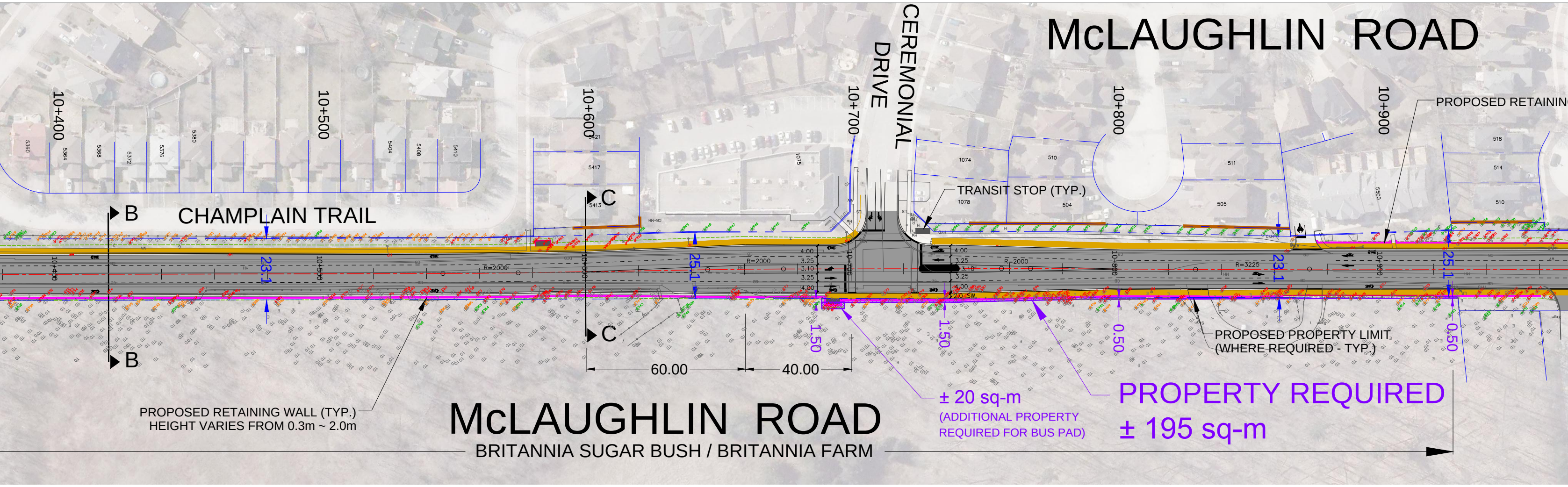

SPLASH PAD WIDTH VARIES BETWEEN 0.35m ~ 0.75m
McLAUGHLIN ROAD
CEREMONIAL DRIVE
9+285
9+300
9+400
9+500
9+600
9+700
9+800
26.2
33.0
30.0
26.1
A
A
EXI
LIM
1.50
3.50
3.35
4.75
3.35
3.50
1.50
517
515
513
511
467
469
471
484
486
488
490
494
523
521
519
450
446
455
451
447
5231
5235
5213
5214
5218
5222
514
510
508
441
437
433
429
438
434
430
5085
445
441
437
434
430
5243
5239
5235
5231
5227
5223
5219
5215
5211
5207
471
475
479
464
460
456
452

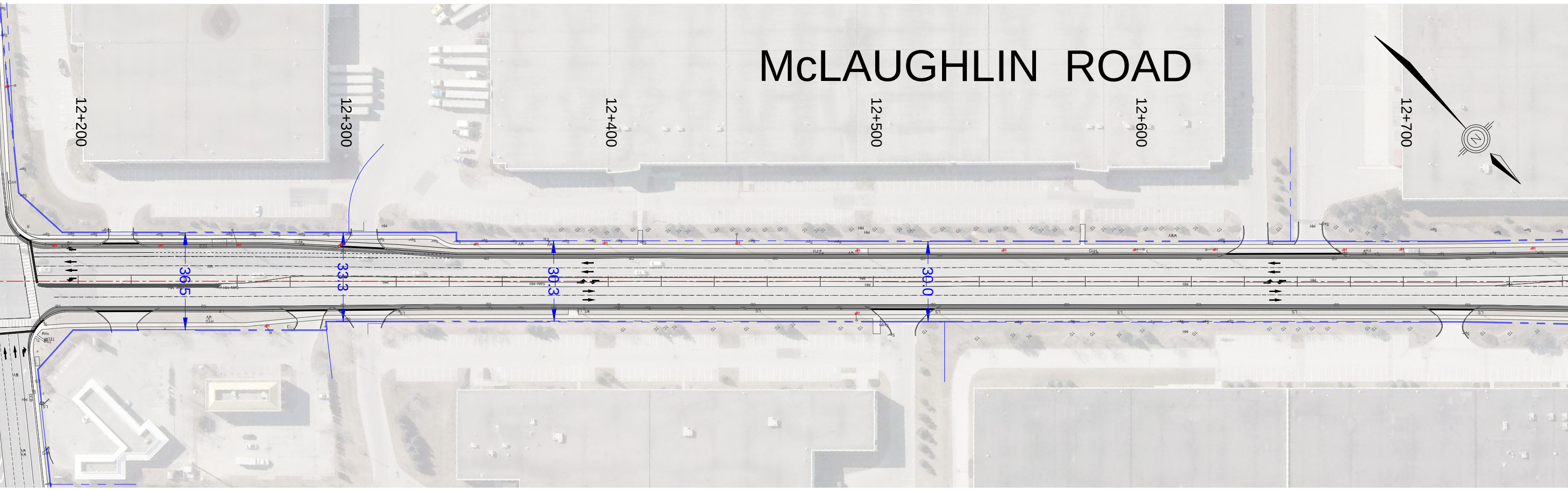

AVONWICK AVENUE
MATHESON BOULEVARD WEST
11+100
11+200
11+300
11+400
11+500
11+600
GRADING LIMIT
(3:1 TYP.)
MATCH
EXISTING
SIDEWALK
PROPOSED 0.3m HIGH
RETAINING WALL (TYP.)
WITH 3:1 BACK SLOPE
D
D
30.0
28.1
2.0 SW
RETAINING WALL
4.00
3.25
3.25
4.00
1.50
3.50
3.10
3.35
60.00
(REDUCED FROM
80m STD)
40.00
(REDUCED FROM
60m STD)
1.95
15.00
PROP
± 218
SPEED TABLE FOR
TRAFFIC CALMING
PROPOSED RETAINING WALL (TYP.)
HEIGHT VARIES FROM 0.3m ~ 2.0m
519
515
511
514
510
506
515
511
507
505
509
513
517
521
525
529
533
537
541
543
545
547
549
551
553
555
557
559
561
563
565
567
569
571
573
575
577
579
581
583

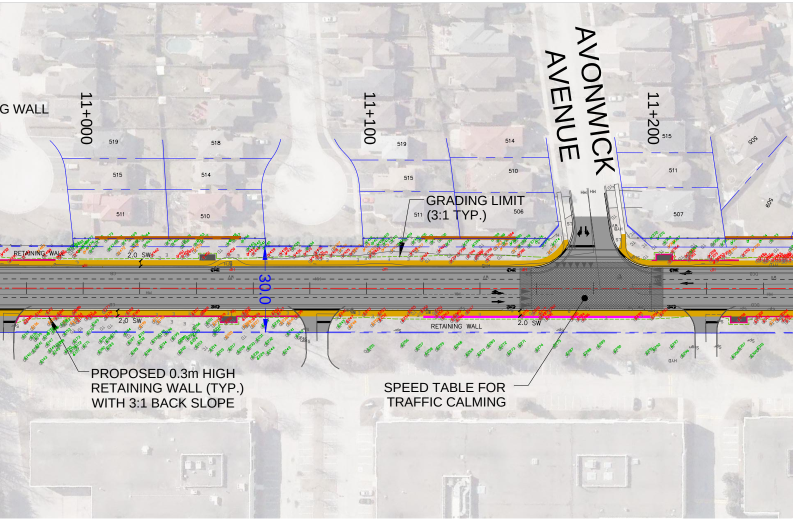
J:\24RX12.0246_Miss-Class EA\5.0 Design (Work) Phase\00-ROAD-DESIGN\Option-3\McLaughlin-NC-Option-3-LDD.dwg

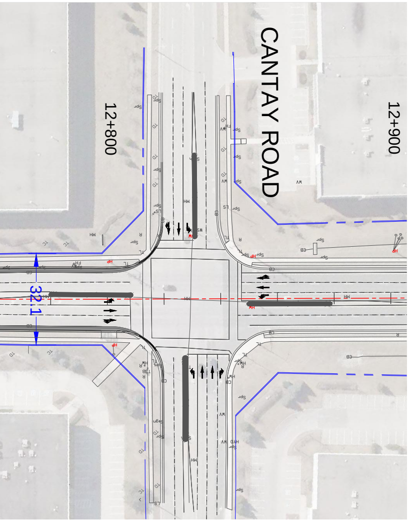

BRISTOL ROAD WEST
PARKWOOD PLACE
FAITH DRIVE
9+900
10+000
10+100
10+200
10+300
STING PROPERTY
IIT (TYP.)
MATCH EXISTING CURB
CONCRETE BUS SHELTER PAD
2.1m x 5.4m (TYP.)
(STANDARD # 2250.030)
MATCH EXISTING SIDEWALK
MATCH EXISTING CURB
SPEED TABLE FOR TRAFFIC CALMING
MATCH EXISTING CURB
GRADING LIMIT (3:1 TYP.)
30.1
30.2
28.1
0.75 SPLASH PAD
2.0 SW
1.50
3.50
3.35
4.75
3.35
3.50
1.50
515
511
5250
5244
5279
5285
5291
5297
5303
5353
5357
441
437
433
448
463 – 485

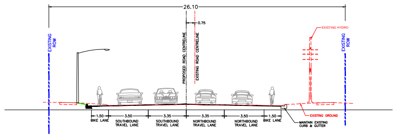

REGAL DRIVE
BRITANNIA ROAD WEST
11+700
11+800
11+900
12+000
12+100
E
E
MATCH EXISTING SIDEWALK
30.0
30.0
36.6
28.3
36.6
4.94
8.23
1.50
3.50
3.50
3.50
3.50
3.50
1.50
ERTY REQUIRED
sq-m
± 401 sq-m
(ADDITIONAL PROPERTY REQUIRED
FOR LONGER RIGHT TURN BAY)


McLAUGHLIN ROAD
CEREMONIAL DRIVE
10+400
10+500
10+600
10+700
10+800
10+900
PROPOSED RETAININ
TRANSIT STOP (TYP.)
CHAMPLAIN TRAIL
B
B
C
C
23.1
25.1
23.1
25.1
R=2000
R=2000
R=2000
R=3225
4.00
3.25
3.10
3.25
4.00
4.00
3.25
3.10
3.25
4.00
1.50
1.50
0.50
0.50
60.00
40.00
PROPOSED PROPERTY LIMIT
(WHERE REQUIRED - TYP.)
PROPOSED RETAINING WALL (TYP.)
HEIGHT VARIES FROM 0.3m ~ 2.0m
McLAUGHLIN ROAD
BRITANNIA SUGAR BUSH / BRITANNIA FARM
± 20 sq-m
(ADDITIONAL PROPERTY
REQUIRED FOR BUS PAD)
PROPERTY REQUIRED
± 195 sq-m

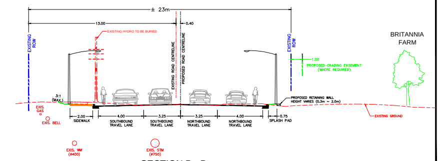

McLAUGHLIN ROAD
12+200
12+300
12+400
12+500
12+600
12+700
36.5
33.3
30.3
30.0
N


G WALL
11+000
11+100
11+200
AVONWICK AVENUE
519
518
515
514
511
510
519
514
515
510
506
511
507
505
509
GRADING LIMIT (3:1 TYP.)
RETAINING WALL
2.0 SW
30.0
2.0 SW
RETAINING WALL
2.0 SW
PROPOSED 0.3m HIGH RETAINING WALL (TYP.) WITH 3:1 BACK SLOPE
SPEED TABLE FOR TRAFFIC CALMING

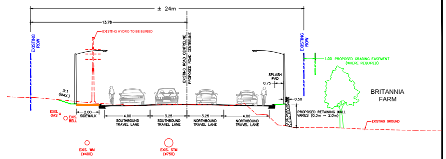

CANTAY ROAD
12+800
12+900
32.1


26.10
0.75
EXISTING ROW
PROPOSED ROAD CENTRELINE
EXISTING ROAD CENTRELINE
EXISTING HYDRO
1.50 BIKE LANE
3.50 SOUTHBOUND TRAVEL LANE
3.35 SOUTHBOUND TRAVEL LANE
3.35 NORTHBOUND TRAVEL LANE
3.50 NORTHBOUND TRAVEL LANE
1.50 BIKE LANE
EXISTING GROUND
MAINTAIN EXISTING CURB & GUTTER

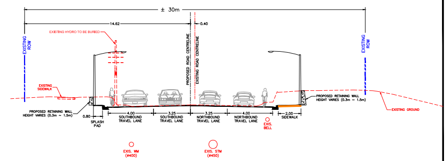
SECTION A - A


± 23m
13.00
0.40
EXISTING HYDRO TO BE BURIED
EXISTING ROW
EXISTING ROAD CENTRELINE
PROPOSED ROAD CENTRELINE
1.00 PROPOSED GRADING EASEMENT (WHERE REQUIRED)
BRITANNIA FARM
3:1 (MAX.)
EXIS. GAS
EXIS. BELL
2.00 SIDEWALK
4.00 SOUTHBOUND TRAVEL LANE
3.25 SOUTHBOUND TRAVEL LANE
3.25 NORTHBOUND TRAVEL LANE
4.00 NORTHBOUND TRAVEL LANE
0.75 SPLASH PAD
PROPOSED RETAINING WALL HEIGHT VARIES (0.3m ~ 2.0m)
EXISTING GROUND
EXIS. WM (ø400)
EXIS. STM (ø750)

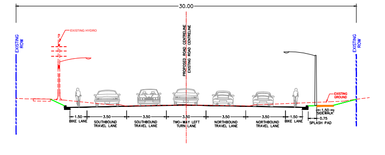
SECTION B - B


± 24m
13.78
EXISTING HYDRO TO BE BURIED
EXISTING ROW
EXISTING ROAD CENTRELINE
PROPOSED ROAD CENTRELINE
SPLASH PAD
0.75
0.50
1.00 PROPOSED GRADING EASEMENT (WHERE REQUIRED)
BRITANNIA FARM
3:1 (MAX.)
EXIS. GAS
EXIS. BELL
2.00 SIDEWALK
4.00 SOUTHBOUND TRAVEL LANE
3.25 SOUTHBOUND TRAVEL LANE
3.25 NORTHBOUND TRAVEL LANE
4.00 NORTHBOUND TRAVEL LANE
PROPOSED RETAINING WALL VARIES (0.3m ~ 2.0m)
EXISTING GROUND
EXIS. WM (ø400)
EXIS. STM (ø750)

SECTION C- C


± 30m
14.62
0.40
EXISTING HYDRO TO BE BURIED
EXISTING ROW
PROPOSED ROAD CENTRELINE
EXISTING ROAD CENTRELINE
EXISTING SIDEWALK
PROPOSED RETAINING WALL HEIGHT VARIES (0.3m ~ 1.5m)
0.80 SPLASH PAD
4.00 SOUTHBOUND TRAVEL LANE
3.25 SOUTHBOUND TRAVEL LANE
3.25 NORTHBOUND TRAVEL LANE
4.00 NORTHBOUND TRAVEL LANE
2.00 SIDEWALK
EXIS. BELL
PROPOSED RETAINING WALL HEIGHT VARIES (0.3m ~ 1.5m)
EXISTING GROUND
EXIS. WM (ø400)
EXIS. STM (ø450)

SECTION D - D


30.00
EXISTING HYDRO
EXISTING ROW
PROPOSED ROAD CENTRELINE
EXISTING ROAD CENTRELINE
1.50 BIKE LANE
3.50 SOUTHBOUND TRAVEL LANE
3.50 SOUTHBOUND TRAVEL LANE
3.50 TWO-WAY LEFT TURN LANE
3.50 NORTHBOUND TRAVEL LANE
3.50 NORTHBOUND TRAVEL LANE
1.50 BIKE LANE
1.50 SIDEWALK
0.75 SPLASH PAD
EXISTING GROUND

SECTION E - E

McLAUGHLIN ROAD CLASS EA
PRELIMINARY PREFFERED ROAD CONCEPT

LEGEND:

W999	TREES TO BE REMOVED	- - -	EXISTING PROPERTY LIMIT
W999	TREES IMPACTED	-·-·-	PROPOSED PROPERTY LIMIT
W999	TREES UNAFFECTED	▨	PROPERTY REQUIRED
TD	DECIDUOUS TREE	—	NOISE WALL TO BE REPLACED
TC	CONIFEROUS TREE	■	TRANSIT STOP

SCALE
ROAD PLAN = 1:500
SECTIONS = N.T.S

MISSISSAUGA
Leading today for tomorrow

IBI
GROUP