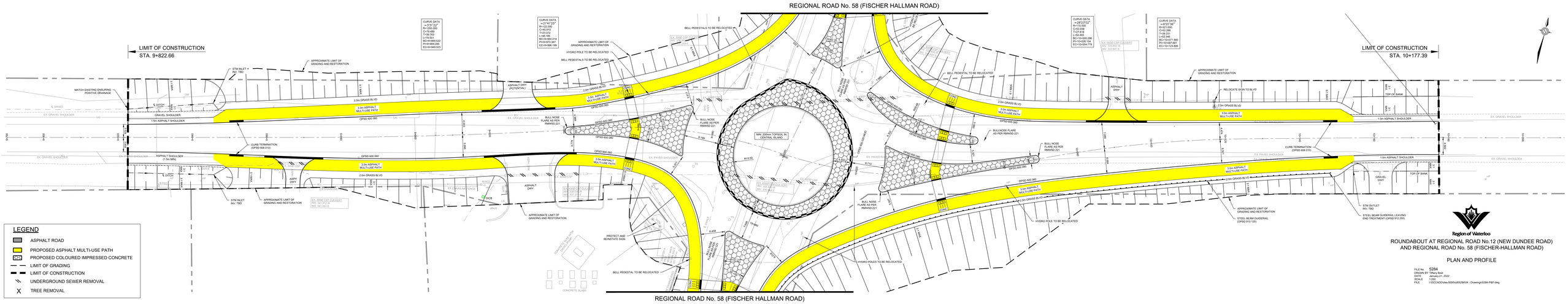
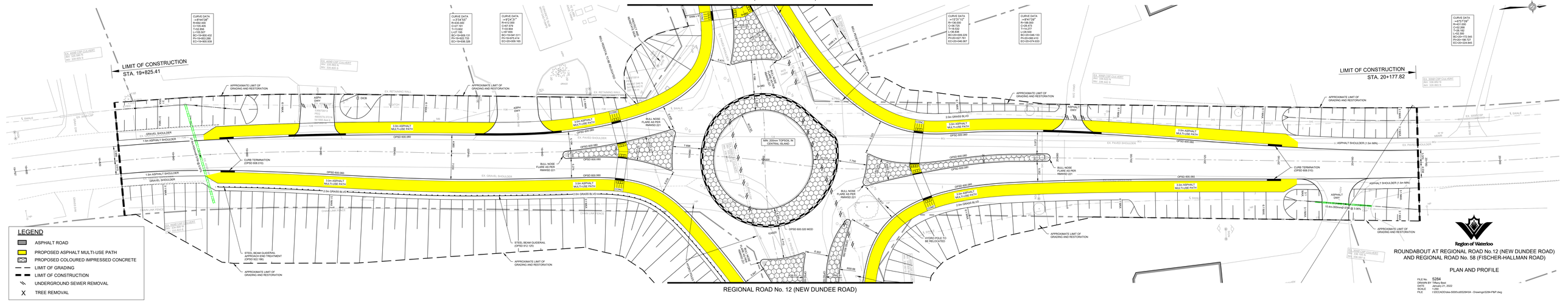


Region of Waterloo

ROUNDABOUT AT REGIONAL ROAD No.12 (NEW DUNDEE ROAD)
AND REGIONAL ROAD No. 58 (FISCHER-HALLMAN ROAD)

PLAN AND PROFILE

FILE No. 5284
DRAWN BY Tiffany Beid
DATE February 21, 2022
SCALE 1:250
FILE I:\DCCAD\Dev-5000\n65284\04 - Drawings\5284-P&P.dwg


REGIONAL ROAD No. 12 (NEW DUNDEE ROAD)
LIMIT OF CONSTRUCTION
STA. 19+825.41
LIMIT OF CONSTRUCTION
STA. 20+177.82
CURVE DATA
=>8°4'1.05"
R=692.000
Y=0.000
T=52.664
L=105.587
BC=19+825.432
EC=19+930.019
CURVE DATA
=>7°24.50"
R=430.000
Y=0.000
T=13.902
L=27.199
BC=19+909.131
EC=19+936.326
CURVE DATA
=>9°24'31"
R=412.000
Y=0.000
T=33.904
L=67.684
BC=19+968.611
EC=20+036.165
CURVE DATA
=>12°21'10"
R=138.000
Y=0.000
T=18.032
L=36.836
BC=20+140.029
EC=20+176.867
CURVE DATA
=>8°47'08"
R=188.000
Y=0.000
T=14.277
L=28.500
BC=20+046.133
EC=20+074.633
CURVE DATA
=>8°57'09"
R=431.000
C=62.288
T=38.180
L=62.239
BC=20+112.545
PI=20+188.727
EC=20+234.845
APPROXIMATE LIMIT OF GRADING AND RESTORATION
3.0m ASPHALT MULTI-USE PATH
OPSD 600.080
CURB TERMINATION OPSD 608.010
BULL NOSE FLARE AS PER RMWSD 221
MIN. 200mm TOPSOIL IN CENTRAL ISLAND
OPSD 600.020 MOD
STEEL BEAM GUIDERAIL (OPSD 912.120)
STEEL BEAM GUIDERAIL APPROACH END TREATMENT (OPSD 912.190)
HYDRO POLE TO BE RELOCATED
2.0m GRASS BLVD
1.5m ASPHALT SHOULDER
GRAVEL SHOULDER
EX. PAVED SHOULDER
ASPHALT SHOULDER (1.5m MIN)
ASPHALT DWY
15.4m 300mmØ STM @ 0.08%
27.8m 300mmØ STM @ 0.07%
PROPOSED DITCH LT
PROPOSED DITCH RT
EX DITCH LT
EX DITCH RT
REGIONAL ROAD No. 12 (NEW DUNDEE ROAD)
LEGEND
ASPHALT ROAD
PROPOSED ASPHALT MULTI-USE PATH
PROPOSED COLOURED IMPRESSED CONCRETE
LIMIT OF GRADING
LIMIT OF CONSTRUCTION
UNDERGROUND SEWER REMOVAL
TREE REMOVAL
Region of Waterloo
ROUNDABOUT AT REGIONAL ROAD No.12 (NEW DUNDEE ROAD)
AND REGIONAL ROAD No. 58 (FISCHER-HALLMAN ROAD)
PLAN AND PROFILE
FILE No. 5284
DRAWN BY Tiffany Best
DATE January 21, 2022
SCALE 1:500
FILE I:\DOCADC\Nwa-5000\d5284\04 - Drawings\5284-PB2F.dwg