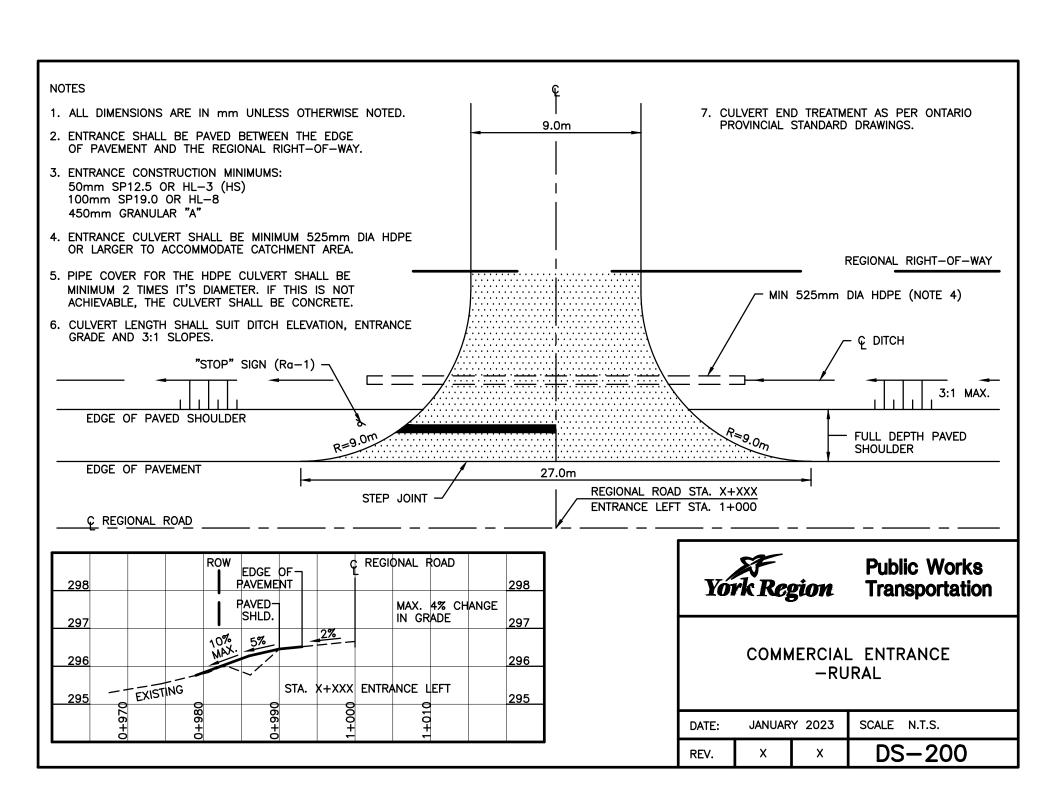
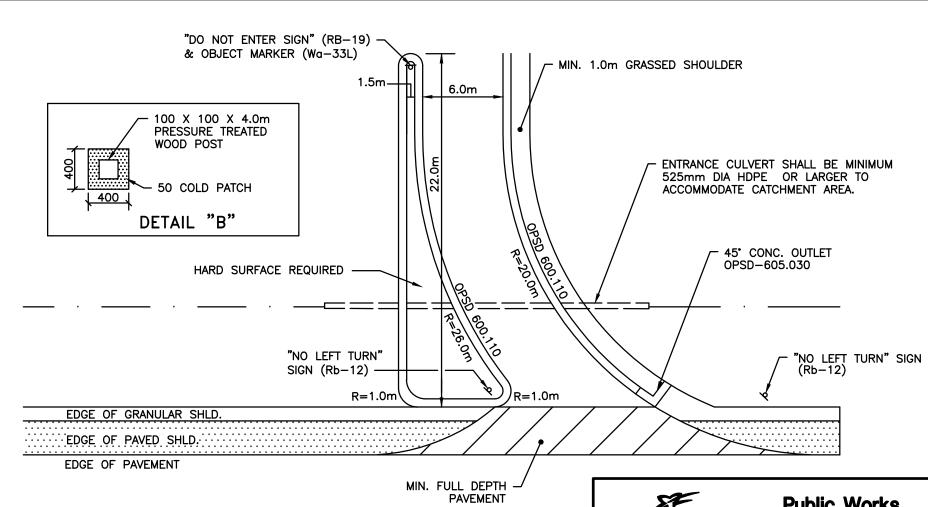
# DS 200 Series — Commercial and Residential Entrance Design Standard Drawings List

Drawing Number	Drawing Title	Revision Date
DS-200	Commercial Entrance - Rural	January 2023
DS-201	Commercial - Typical Right Turn In Only - Rural	March 2023
DS-202	Commercial - Typical Right Turn In / Right Turn Out Only - Rural	March 2023
DS-203	Commercial Entrance - Urban	January 2023
DS-204	Commercial - Typical Right Turn In Only - Urban	March 2023
DS-205	Commercial - Typical Right Turn Out Only - Urban	March 2023
DS-206	Commercial - Right In / Right Out Only (Blocked by Concrete Raised Slab Median) - Urban	March 2023
DS-207	Commercial - Typical Right Turn In / Right Turn Out - Urban	March 2023
DS-208	Commercial - Typical Divided Entrance - (1 Lane In, 2 Lanes Out) - Urban	March 2023
DS-209	Commercial - Typical Divided Entrance - (2 Lanes In, 2 Lanes Out) - Urban	March 2023
DS-210	Commercial - Typical Divided Entrance with Right Turn lane - (2 Lanes In, 2 Lanes Out) - Urban	March 2023
DS-211	Property Requirement for Traffic Control Signals at Commercial Entrance - (1 Lane In, 2 Lanes Out)	January 2023
DS-212	Property Requirement for Traffic Control Signals at Commercial Entrance - (4 Lanes with Median)	January 2023
DS-213	Property Requirement for Traffic Control Signals at Commercial Entrance - (5 Lanes with Median)	January 2023
DS-214	Residential Entrance - Rural	October 2025
DS-215	Single Family Residential Entrance - Urban	January 2023
DS-216	Commercial Entrance Curb Return	January 2023
DS-217	Mud Mat for Temporary Construction Access	January 2023
DS-219	Road Widening Detail	March 2023
DS-220	Trench Restoration Detail	March 2023
DS-221	Siltation Control Along Regional Property Lines	January 2023

DS-222	Check Dams on Swales Conveying Flow Towards Regional Property	January 2023
	Lines	





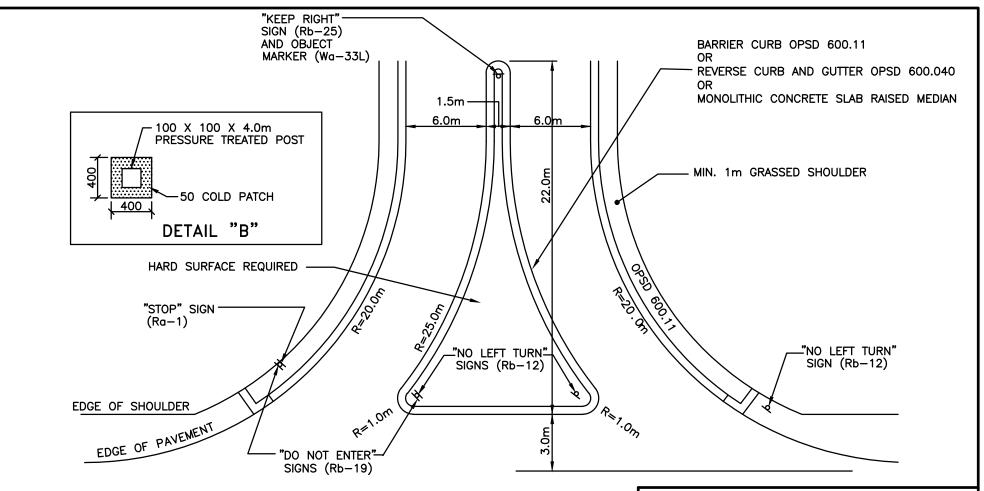
- 1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.
- 2. CURB TYPE, CATCH BASINS, ETC. SHALL CONFORM TO ONTARIO PROVINCIAL STANDARDS. (INDICATE O.P.S.D. REFERENCE ON PLANS)
- 3. SIGNS TO BE MOUNTED ON 4X4 PRESSURE TREATED WOOD POSTS.
- 4. REFER TO STANDARD DRAWING E-6.03, DETAIL "B" WHEN A CONCRETE SLAB RAISED MEDIAN IS BEING USED.
- 5. HARD SURFACE TO BE PROVIDED WITHIN MEDIAN WHERE BARRIER CURB OR CURB AND GUTTER IS USED.

# York Region

### Public Works Transportation

COMMERCIAL-TYPICAL RIGHT TURN IN ONLY -RURAL

DATE:	MARCH 2023		SCALE N.T.S.
REV.	Х	Х	DS-201



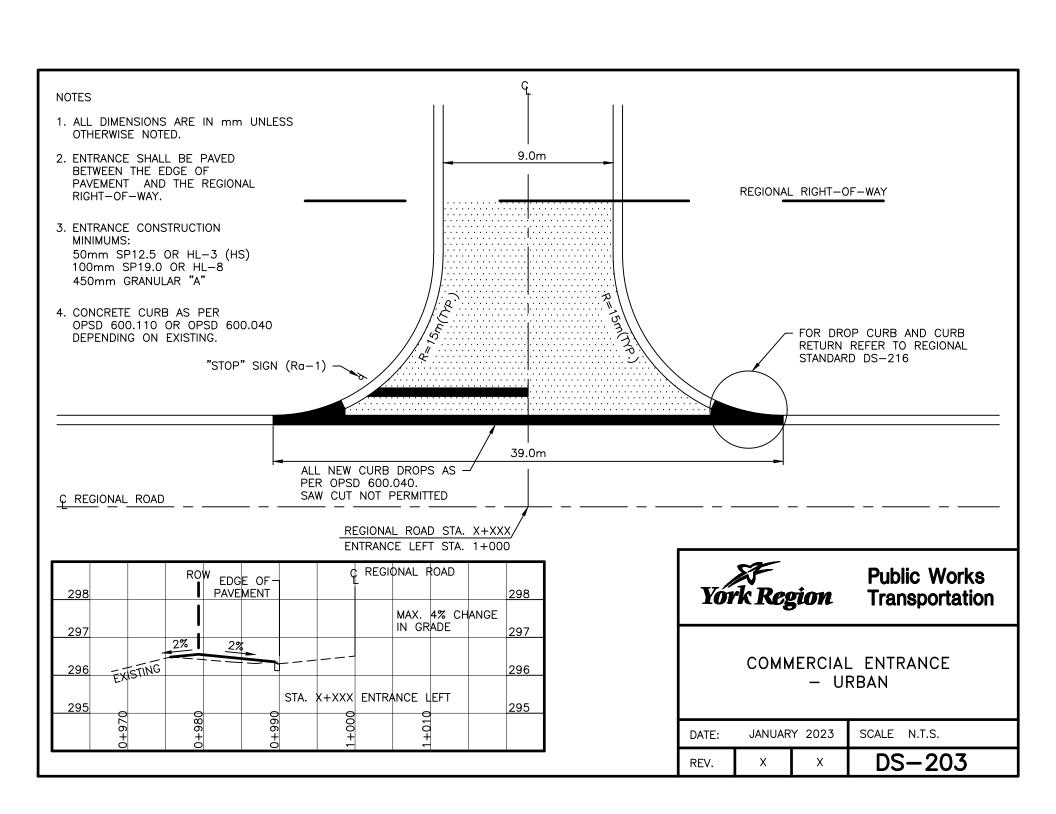
- 1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.
- 2. CURB TYPE, CATCH BASINS, ETC. SHALL CONFORM TO ONTARIO PROVINCIAL STANDARDS. (INDICATE O.P.S.D. REFERENCE ON PLANS)
- 3. SIGNS TO BE MOUNTED ON 4X4 PRESSURE TREATED WOOD POSTS.
- 4. REFER TO STANDARD DRAWING E-6.03, DETAIL "B" WHEN A CONCRETE SLAB RAISED MEDIAN IS BEING USED.
- 5. HARD SURFACE TO BE PROVIDED WITHIN MEDIAN WHERE BARRIER CURB OR CURB AND GUTTER IS USED.

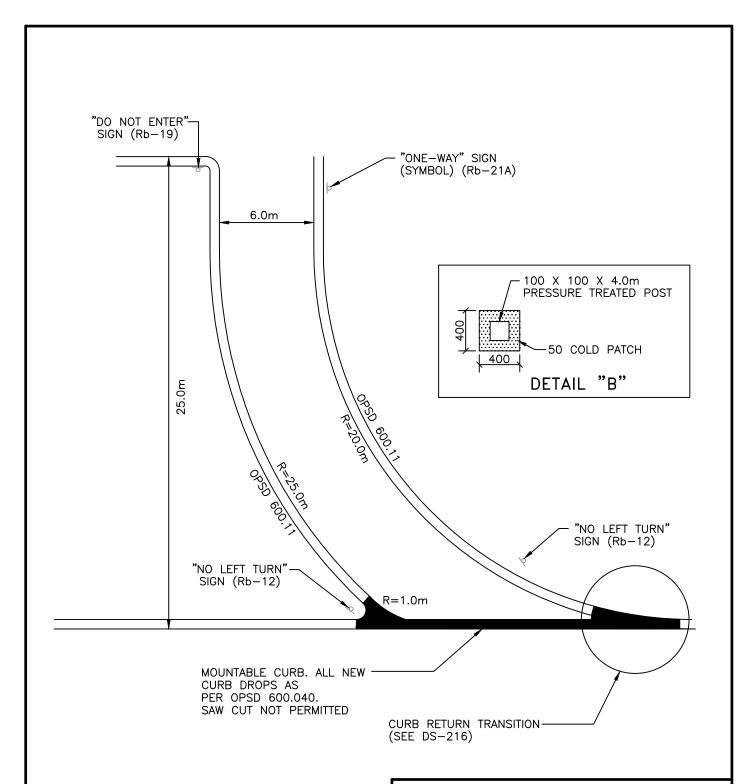


### Public Works Transportation

COMMERCIAL—
TYPICAL RIGHT TURN IN/
RIGHT TURN OUT ONLY
-RURAL

DATE:	MARCH 2023		SCALE N.T.S.
REV.	X	Х	DS-202





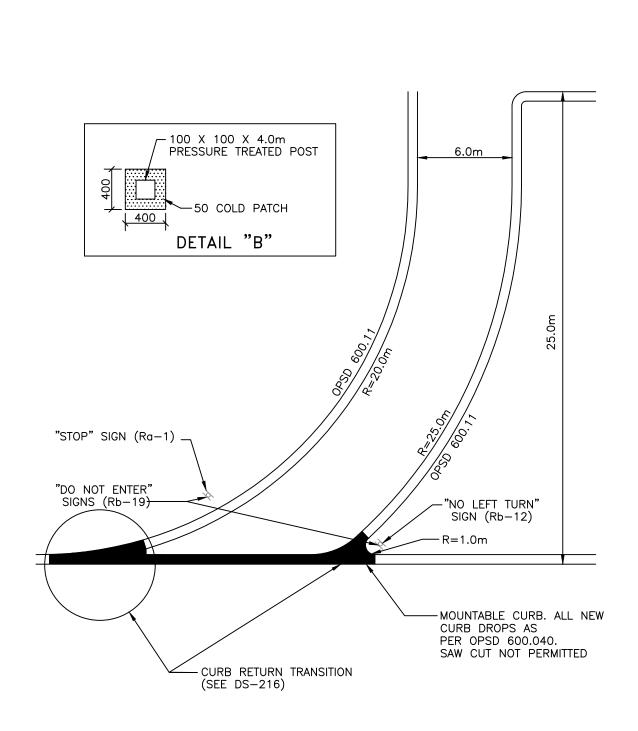
- 1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.
- 2. CURB TYPE, CATCH BASINS, ETC. SHALL CONFORM TO ONTARIO PROVINCIAL STANDARDS. (INDICATE O.P.S.D. REFERENCE ON PLANS)
- 3. SIGNS TO BE MOUNTED ON 4X4 PRESSURE TREATED WOOD POSTS.
- 4. REFER TO STANDARD DRAWING E-6.03, DETAIL "B" WHEN A CONCRETE SLAB RAISED MEDIAN IS BEING USED.
- 5. SIDEWALK TO CARRY THROUGH ENTRANCE.



Public Works Transportation

COMMERCIAL—
TYPICAL RIGHT TURN IN ONLY
-URBAN

DATE:	MARCH	2023	SCALE N.T.S.
REV.	Х	Х	DS-204



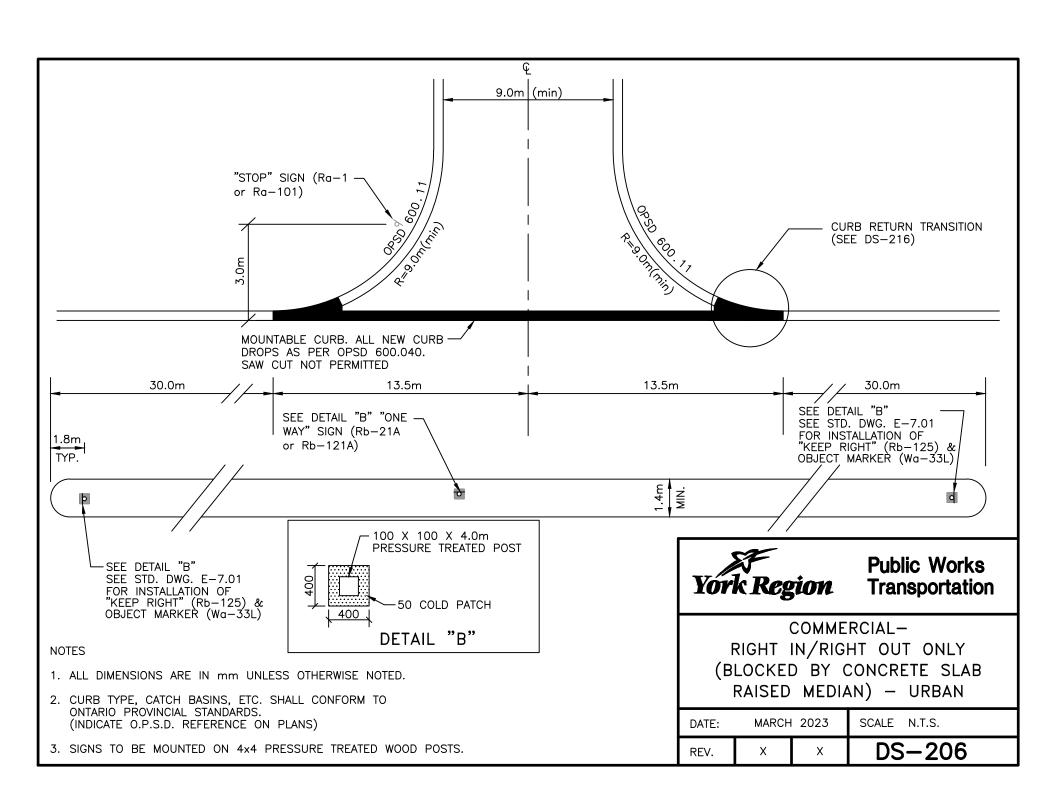
- 1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.
- 2. CURB TYPE, CATCH BASINS, ETC. SHALL CONFORM TO ONTARIO PROVINCIAL STANDARDS. (INDICATE O.P.S.D. REFERENCE ON PLANS)
- 3. SIGNS TO BE MOUNTED ON 4X4 PRESSURE TREATED WOOD POSTS.
- REFER TO STANDARD DRAWING E-6.03, DETAIL "B" WHEN A CONCRETE SLAB RAISED MEDIAN IS BEING USED.

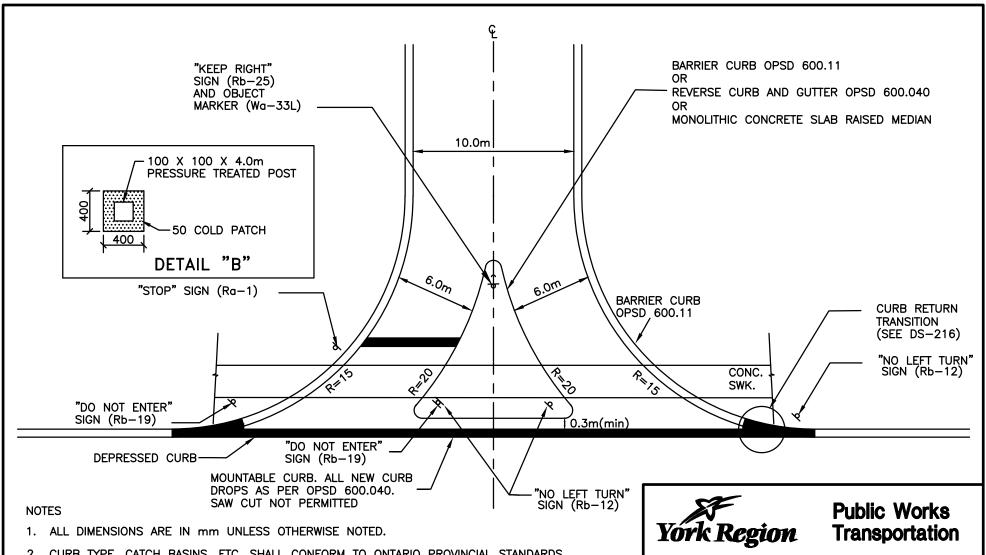
# York Region

Public Works Transportation

COMMERCIAL—
TYPICAL RIGHT TURN OUT ONLY
-URBAN

DATE:	MARCH	2023	SCALE N.T.S.
REV.	×	×	DS-205

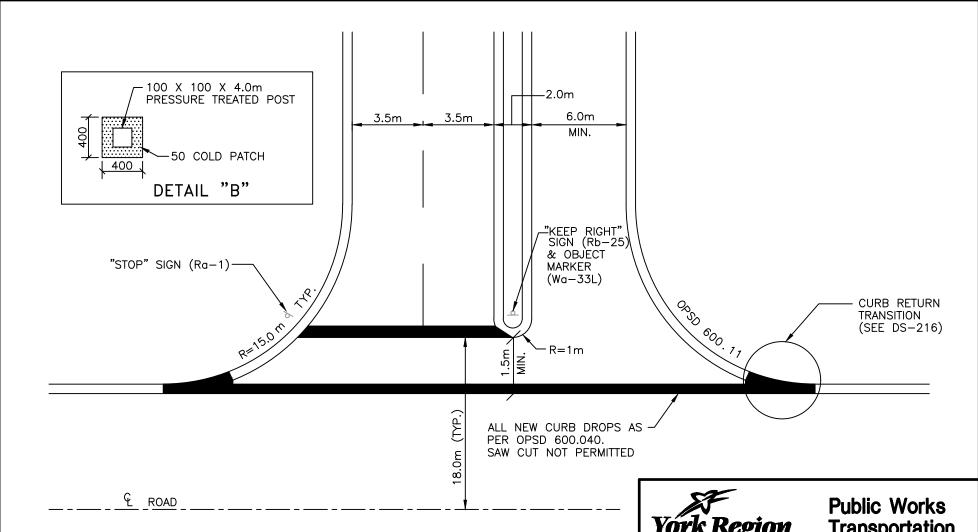




- CURB TYPE, CATCH BASINS, ETC. SHALL CONFORM TO ONTARIO PROVINCIAL STANDARDS. (INDICATE O.P.S.D. REFERENCE ON PLANS)
- 3. SIGNS TO BE MOUNTED ON 4X4 PRESSURE TREATED WOOD POSTS.
- 4. CENTRE RAISED MEDIAN ISLAND ON REGIONAL ROAD IS PREFERRED, WHERE FEASIBLE, RATHER THAN TRUMPET ISLAND (SEE DS-206).
- 5. REFER TO STANDARD DRAWING E-6.03, DETAIL "B" WHEN A CONCRETE SLAB RAISED MEDIAN IS BEING USED.
- 6. HARD SURFACE TO BE PROVIDED WITHIN MEDIAN WHERE BARRIER CURB OR CURB AND GUTTER IS USED.

COMMERCIAL—
TYPICAL RIGHT TURN IN/
RIGHT TURN OUT
-URBAN

DATE:	MARCH 2023		SCALE N.T.S.
REV.	Х	Х	DS-207



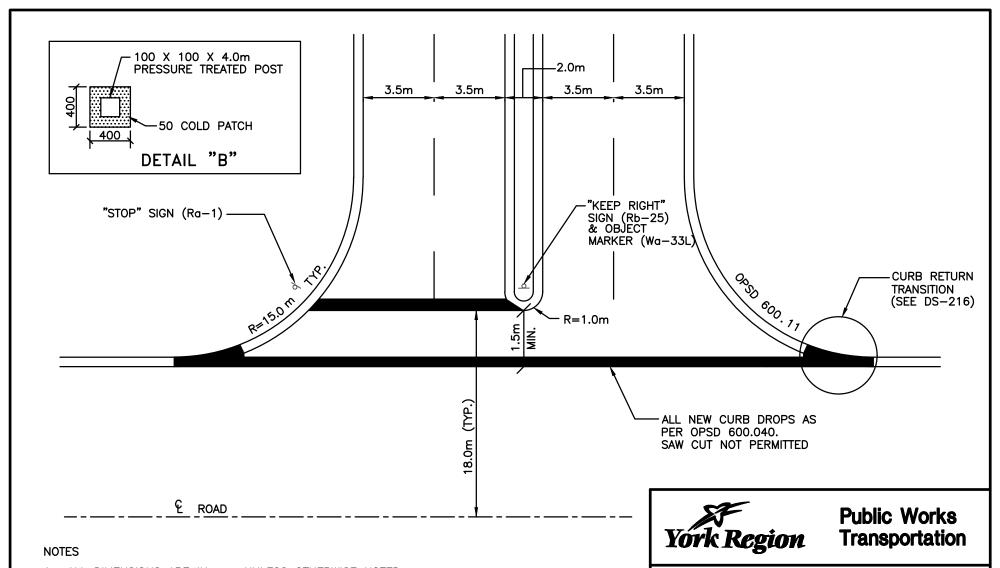
- 1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.
- 2. CURB TYPE, CATCH BASINS, ETC. SHALL CONFORM TO ONTARIO PROVINCIAL STANDARDS. (INDICATE O.P.S.D. REFERENCE ON PLANS)
- 3. SIGNS TO BE MOUNTED ON 4X4 PRESSURE TREATED WOOD POSTS.
- 4. REFER TO STANDARD DRAWING E-6.03, DETAIL "B" WHEN A CONCRETE SLAB RAISED MEDIAN IS BEING USED.
- 5. SIDEWALK TO CARRY THROUGH ENTRANCE, MINIMUM OFFSET TO BULLNOSE WILL INCREASE.

# York Region

# **Transportation**

COMMERCIAL-TYPICAL DIVIDED ENTRANCE 1 LANE IN/2 LANES OUT -URBAN

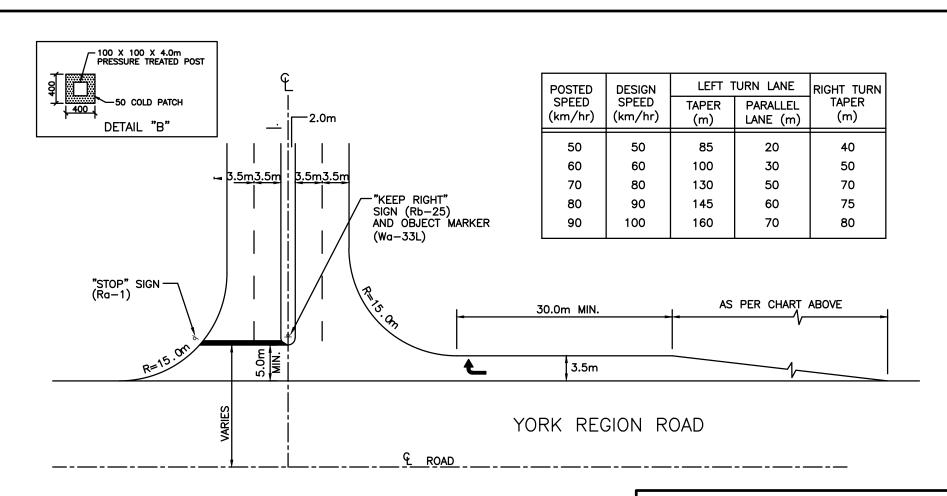
DATE:	MARCH	2023	SCALE N.T.S.
REV.	Х	Х	DS-208



- 1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.
- 2. CURB TYPE, CATCH BASINS, ETC. SHALL CONFORM TO ONTARIO PROVINCIAL STANDARDS. (INDICATE O.P.S.D. REFERENCE ON PLANS)
- 3. SIGNS TO BE MOUNTED ON 4X4 PRESSURE TREATED WOOD POSTS.
- 4. REFER TO STANDARD DRAWING E-6.03, DETAIL "B" WHEN A CONCRETE SLAB RAISED MEDIAN IS BEING USED.
- 5. SIDEWALK TO CARRY THROUGH ENTRANCE. MINIMUM OFFSET TO BULLNOSE WILL INCREASE.

COMMERCIAL—
TYPICAL DIVIDED ENTRANCE
2 LANES IN/2 LANES OUT
-URBAN

DATE:	MARCH 2023		SCALE N.T.S.
REV.	Х	Х	DS-209



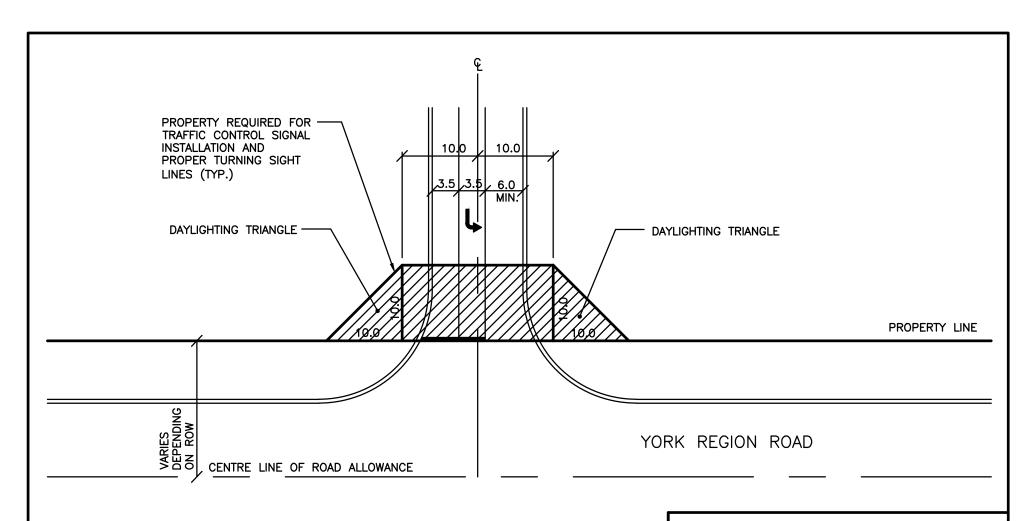
- 1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE INDICATED.
- CURB TYPE, CATCH BASINS, ETC. SHALL CONFORM TO ONTARIO PROVINCIAL STANDARDS. (INDICATE O.P.S.D. REFERENCE ON PLANS)
- 3. SIGNS TO BE MOUNTED ON 4x4 PRESSURE TREATED WOOD POSTS.
- 4. REFER TO STANDARD DRAWING E-6.03, DETAIL "B" WHEN A CONCRETE SLAB RAISED MEDIAN IS BEING USED.
- 5. SIDEWALK TO CARRY THROUGH ENTRANCE. MINIMUM OFFSET TO BULLNOSE WILL INCREASE.



## Public Works Transportation

COMMERCIAL—
TYPICAL DIVIDED ENTRANCE
WITH RIGHT TURN LANE
2 LANES IN/2 LANES OUT
-URBAN

DATE:	MARCH 2023		SCALE N.T.S.
REV.	Х	Х	DS-210

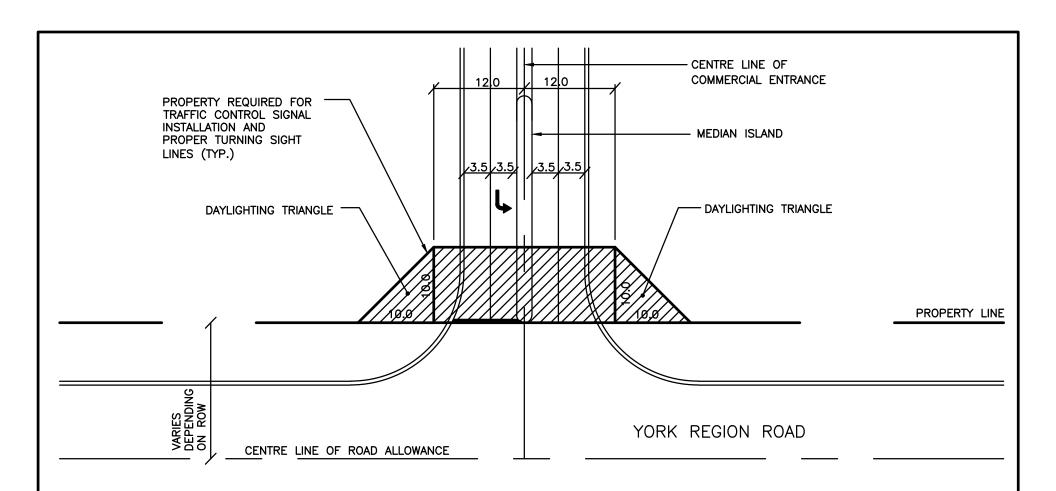




# Public Works Transportation

 PROPERTY REQUIREMENTS FOR TRAFFIC CONTROL SIGNALS AT COMMERCIAL ENTRANCE (1 LANE IN, 2 LANES OUT)

DATE:	JANAUR	Y 2023	SCALE N.T.S.
REV.	×	×	DS-211





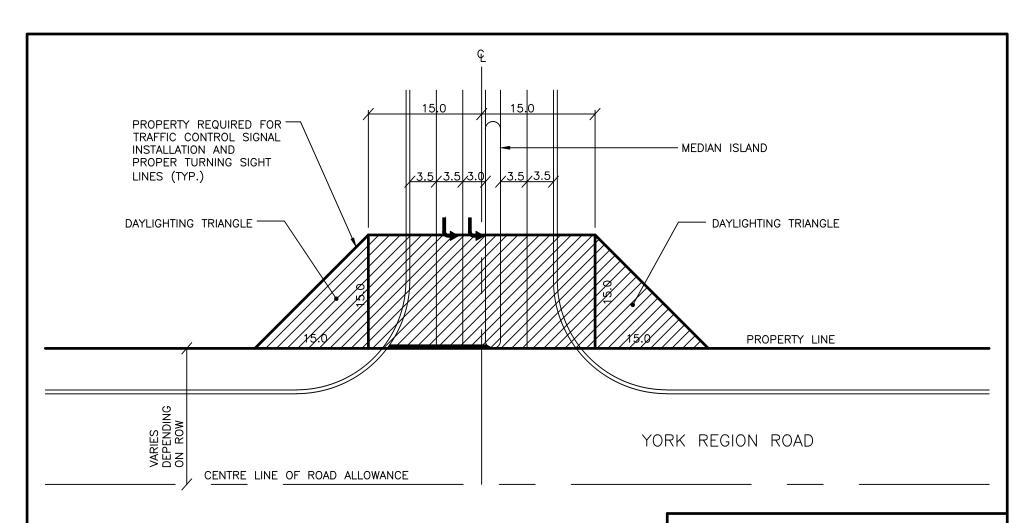
ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED.



## Public Works Transportation

PROPERTY REQUIREMENTS FOR TRAFFIC CONTROL SIGNALS AT COMMERCIAL ENTRANCE (4 LANES WITH MEDIAN)

DATE:	JANUARY 2023		SCALE N.T.S.
REV.	Х	Х	DS-212

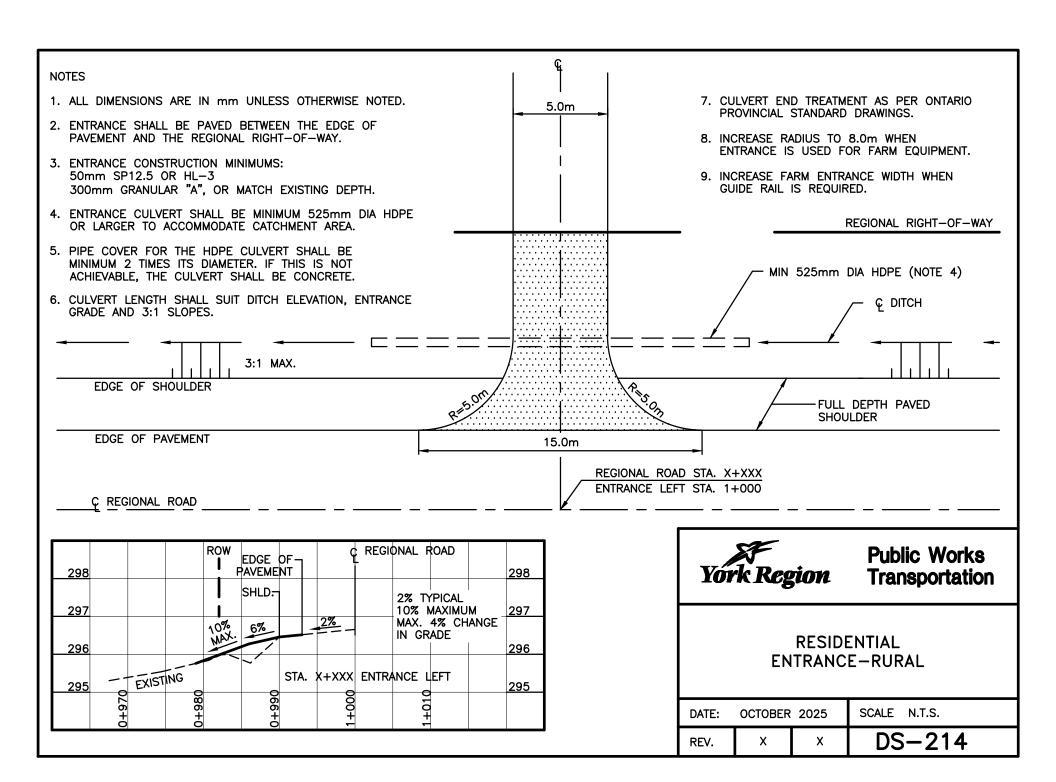


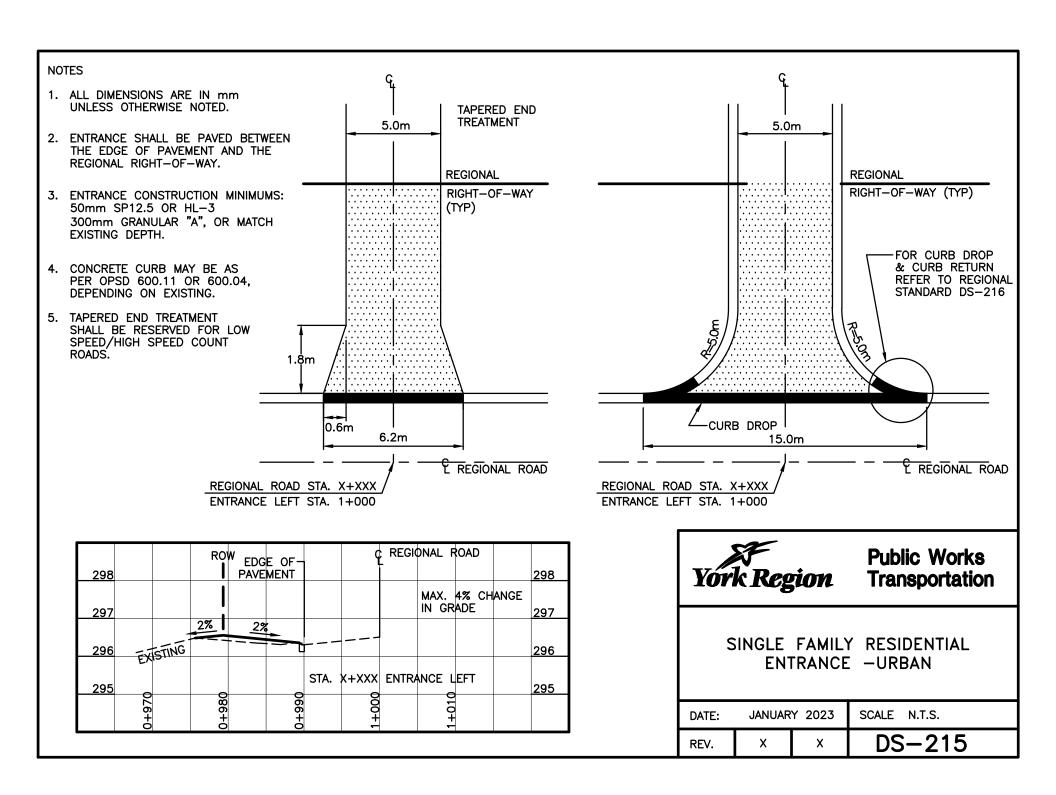


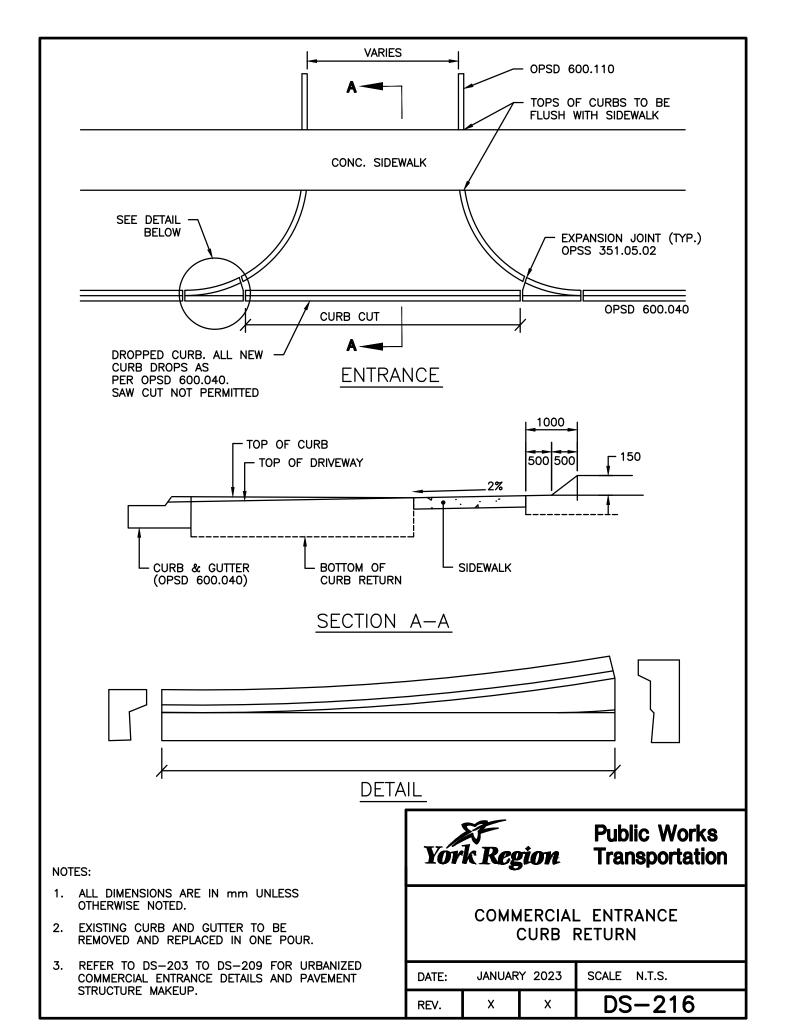
# Public Works Transportation

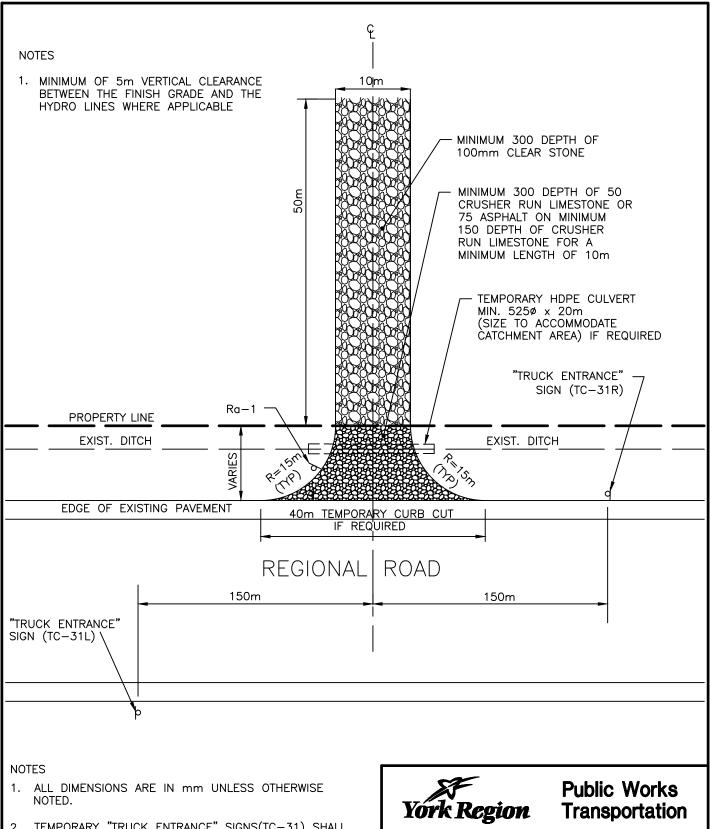
 PROPERTY REQUIREMENTS FOR TRAFFIC CONTROL SIGNALS AT COMMERCIAL ENTRANCE (5 LANES WITH MEDIAN)

DATE:	JANUAR	Y 2023	SCALE N.T.S.
REV.	X	X	DS-213







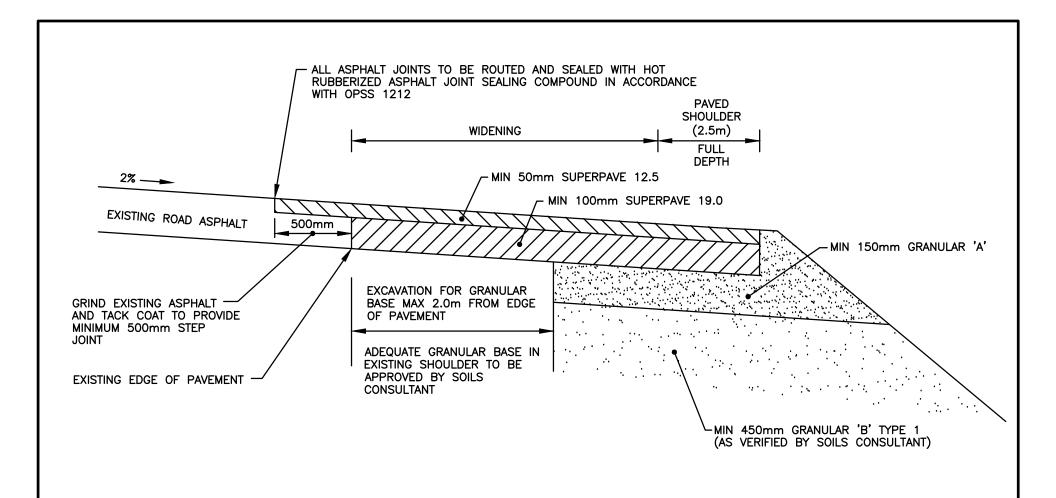


- 2. TEMPORARY "TRUCK ENTRANCE" SIGNS(TC-31) SHALL BE INSTALLED ON THE SHOULDER, 150M IN ÁDVANCE OF THE ACCESS (NOTE: SEE DETAILS ON USE OF THESE SIGNS IN THE ONTARIO TRAFFIC MANUAL, BOOK 7.) THE APPLICANT WILL BE RESPONSIBLE FOR THE COST OF OBTAINING, ERECTING AND MAINTAINING THESE SIGNS.
- 3. TEMPORARY CONSTRUCTION ACCESS SHALL BE REMOVED FROM THE REGIONAL ROAD ALLOWANCE AND ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.



MUD MAT FOR TEMPORARY CONSTRUCTION ACCESS

REV.	Х	Х	DS-217	
DATE:	JANUARY 2023		SCALE N.T.S.	



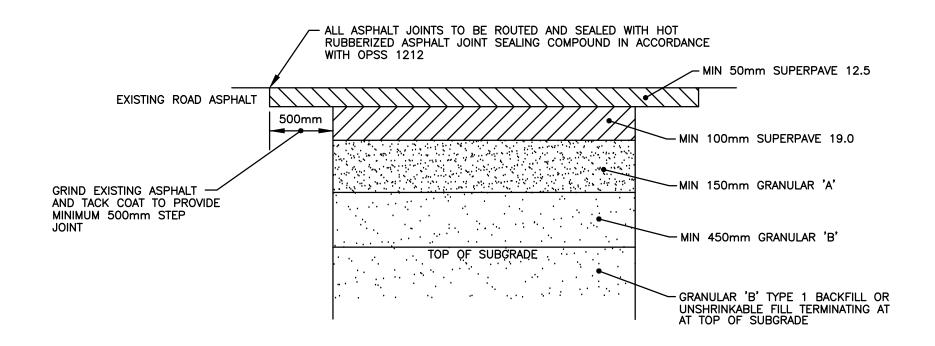
- 1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED
- 2. A STEP JOINT IS REQUIRED AT ALL PAVED ENTRANCES MATCHING INTO A REGIONAL ROAD
- 3. RURAL ROADS MAY HAVE PARTIALLY PAVED SHOULDERS AND THEY ARE TO BE RESTORED WITH FULL ASPHALT DEPTH



Public Works Transportation

ROAD WIDENING DETAIL

DATE:	MARCH 2023		SCALE N.T.S.
REV.	Х	X	DS-219



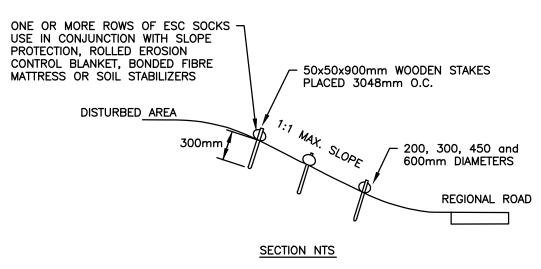
- 1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.
- 2. WHERE EXISTING DEPTHS ARE GREATER THAN MINIMUMS SPECIFIED, TRENCH RESTORATION SHALL MATCH EXISTING REGIONAL ROAD STRUCTURE.
- 3. A STEP JOINT IS REQUIRED AT ALL PAVED ENTRANCES MATCHING INTO A REGIONAL ROAD.
- 4. SHOULDERS SHALL HAVE FULL DEPTH PAVEMENT. IF RURAL ROAD HAS PARTIALLY PAVED SHOULDERS, THEY ARE TO BE RESTORED WITH 50mm OF SUPERPAVE 12.5.

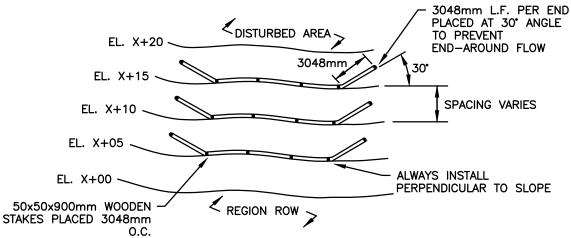


Public Works Transportation

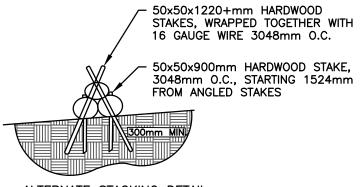
TRENCH RESTORATION DETAIL

DATE:	MARCH 2023		SCALE N.T.S.
REV.	Х	Х	DS-220

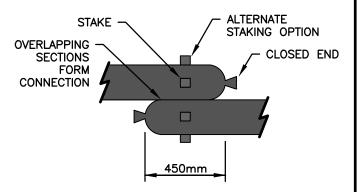




- 1. ALL DIMENSIONS IN mm UNLESS OTHERWISE SPECIFIED.
- 2. REMOVE SEDIMENT FROM THE UPSLOPE SIDE OF THE SOCK WHEN ACCUMULATION HAS REACHED ½ OF EFFECTIVE HEIGHT OF SOCK.
- 3. LOOSE FILTER MEDIA MAY BE BACKFILLED ON THE UPSLOPE SIDE OF THE SOCK TO ENHANCE PERFORMANCE.



ALTERNATE STACKING DETAIL



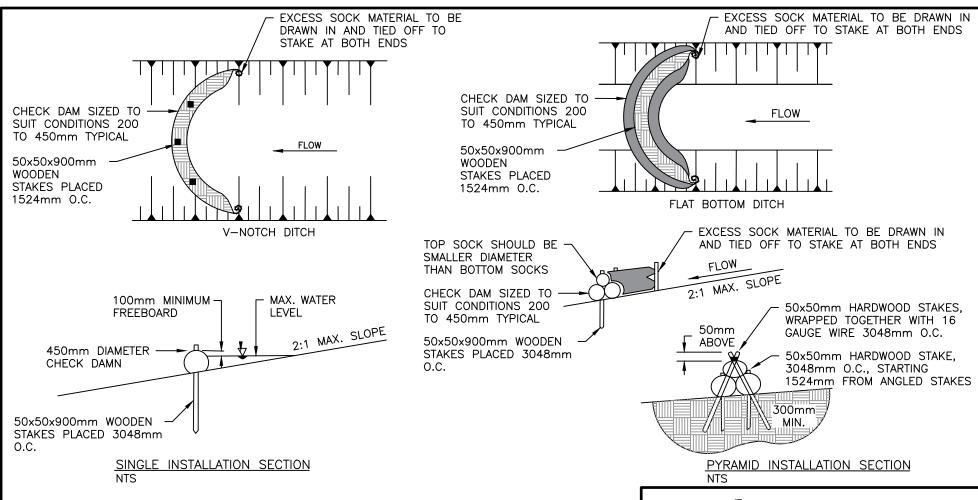
COMPOST SOCK CONNECTION/ATTACHMENT DETAIL



Public Works Transportation

SILTATION CONTROL ALONG REGIONAL PROPERTY LINES

DATE:	JANUARY 2023		SCALE N.T.S.
REV.	X	X	DS-221



- 1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.
- 2. ALL MATERIAL TO MEET SPECIFICATIONS.
- 3. CHECK DAMS SHOULD BE USED IN AREAS THAT DRAIN 10 ACRES OR LESS.
- 4. SEDIMENT SHOULD BE REMOVED FROM BEHIND CHECK DAM ONCE THE ACCUMULATED HEIGHT HAS BEEN REACHED ½ THE HEIGHT OF THE CHECK DAMN.
- 5. CHECK DAM CAN BE DIRECT SEEDED AT THE TIME OF INSTALLATION.
- 6. CONTRACTOR IS REQUIRED TO BE AN INSTALLER CERTIFIED BY THE MANUFACTURER OF THE PRODUCT.



### Public Works Transportation

CHECK DAMS ON SWALES CONVEYING FLOWS TOWARDS REGIONAL PROPERTY LINES

DATE:	JANUARY 2023		SCALE N.T.S.
REV.	Х	Х	DS-222