
Administration and Inspection Activities for Site Preparation for Pipelines, Utilities, and Associated Structures

490.01 SCOPE

This CAIS covers the construction administration and inspection requirements of site preparation for the installation of sanitary and storm pipe sewers, pipe culverts and end sections, forcemains and associated appurtenances, watermains and associated appurtenances, and other underground Utilities; maintenance holes, catch basins, ditch inlets, or valve chambers; and any other specified subsurface construction as specified in OPSS 490, November 2018.

490.02 REFERENCES

This CAIS refers to the following, standards, specifications, or publications:

Ontario Provincial Standard Specifications, Construction:

OPSS 490 Site Preparation for Pipelines, Utilities, and Associated Structures

Construction Administration and Inspection Specifications (CAIS):

CAIS 201	Clearing, Close Cut Clearing, Grubbing, and Removal of Surface and Piled Boulders
CAIS 206	Grading
CAIS 706	Temporary Traffic Control Devices
CAIS 801	Protection of Trees
CAIS 802	Topsoil
CAIS 804	Temporary Erosion Control
CAIS 805	Temporary Sediment Control

490.03 DEFINITIONS

For the purpose of this CAIS, the definitions shall be as specified in OPSS 490.

490.04 DESIGN AND SUBMISSION REQUIREMENTS – Not Used

490.05 MATERIALS – Not Used

490.06 EQUIPMENT – Not Used

490.07 CONSTRUCTION

490.07.02 Removal of Existing Signing

As specified in CAIS 706.

490.07.03 Clearing and Grubbing

As specified in CAIS 201.

490.07.04 Shrub and Tree Relocation

As specified in CAIS 801.

490.07.05 Tree Protection and Pruning

As specified in CAIS 801.

490.07.06 Stripping and Stockpiling Topsoil

As specified in CAIS 206, CAIS 802.

Inspection Activities:

1	-	Check that topsoil is removed carefully in the work areas and not mixed with subsoil or other materials as specified in OPSS 206.	100%
2	-	Check that topsoil is stockpiled and protected as specified in the above clause, OPSS 802 and the contract documents.	100%

490.07.07 Erosion and Sediment Control

As specified in CAIS 804 and CAIS 805.

490.07.08 Removal of Fences and Guide Rails

Administrative Activities:

1	-	Check that Property owners or occupants are given at least 24 hours notice in advance of dismantling fences.	-
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Inspection Activities:

1	-	Check that all broken, bent, or damaged components are removed from the site and replaced with new components, and that all reusable components are stored and protected.	100%
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490.07.09 Management of Excess Material

Administrative Activities:

1	-	Check that management of excess material is according to the Contract Documents.	-
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490.08 QUALITY ASSURANCE – Not Used

490.09 MEASUREMENT FOR PAYMENT – Not Used

490.10 BASIS FOR PAYMENT

Administrative Activities:

1	-	Measurement for payment shall be as specified in OPSS 490.	-
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WARRANT: Always with OPSS 490, Construction Specification for Site Preparation for Pipelines, Utilities, and Associated Structures