

Administration and Inspection Activities for Cross Slope Tolerance

(As Specified in SSP 103F56)

313.01 SCOPE

This CAIS covers the construction administration and inspection requirements for cross slope tolerance as specified in the amendment to OPSS 313, April 2021 in SSP 103F56, September 2022.

313.02 REFERENCES

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

Ontario Provincial Standard Specifications, Construction:

OPSS 313 Hot Mix Asphalt - End Result

MTO Standard Special Provisions:

SSP 103F56 Cross Slope Tolerance

MTO Forms:

PH-CC-886A Cross Slope Acceptance Form

PH-CC-886B Cross Slope Re-Test Acceptance Form

313.03 DEFINITIONS

For this CAIS, the definitions shall be as specified in SSP 103F56.

313.07 CONSTRUCTION

313.04.01 Submission Requirements

Inspection Activities:

1	-	Spot-check that the existing elevation information matches the actual grades on site	50%
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Administrative Activities:

1	-	Notify the MTO of spot-check elevation field observations and confirm if there are any differences identified.	-
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313.08 QUALITY ASSURANCE

313.08.01 Acceptance Criteria

313.08.01.08 Cross Slope

313.08.01.08.01 Lot Size for Cross Slope

Administrative Activities:

1	M	Establish the cross slope measurement lots and sublots as specified. <u>Ensure tangent and superelevation sections are not combined in the same lot.</u>	-
2	-	Coordinate with MTO to align cross slope measurement lots and sublots with smoothness measurement sublots.	-

313.08.01.08.02 Acceptance Measurement

Inspection Activities:

1	M	Determine random subplot locations for the cross slope measurement.	100%
2	M	Measure the cross slope, within each lot at the determined random subplot locations, as specified. <u>Verify that the level is placed perpendicularly to the centreline of the roadway.</u>	100%

If the binder course will be opened to the traveling public for more than 1 month:

1	M	Determine random subplot locations for the cross slope measurement. Generate subplot locations for surface and binder courses separately.	100%
2	M	Measure the cross slope, within each lot at the determined random subplot locations, as specified. Take the measurements for all binder and surface courses.	100%

Administrative Activities:

1	-	Record the cross slope measurements on MTO form PH-CC-886A. Use a separate form for each lot.	-
2	-	Record the time of calibrations on MTO form PH-CC-886A	-

313.08.01.08.03 Basis of Acceptance

Administrative Activities:

1	-	Enter the calculations on MTO form PH-CC-886A.	-
2	-	Determine if acceptance is achieved as specified	-

3	M	Within 1 Business Day of the completion of a lot, issue a copy of the completed MTO form PH-CC-886A to the Contractor.	-
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313.08.01.08.04 Re-testing

Administrative Activities:

1	-	When the Contractor requests re-testing testing, Review the request.	-
2	-	Carry out the re-testing as specified	-
3	-	Within 1 Business Day of the completion of a re-tested lot or subplot, issue a copy of the completed MTO form PH-CC-886B to the Contractor	-

313.08.01.08.05 Repair

Inspection Activities:

1	M	Re-measure each cross slope of any lot that has been subject to repair using new subplot random locations.	-
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Administrative Activities:

1	-	If a repair proposal is received as specified, Review that the proposal meets the requirements of OPSS 313.08.01.08.05.	-
2	-	Confirm that the repair proposal is acceptable to MTO.	-
3	-	Notify the Contractor of the repair proposal approval status as specified.	-

WARRANT: Always with SSP 103F56, Cross Slope Tolerance.