

# TRAFFIC SIGNAL GROUND TEST

North Dakota Department of Transportation, Programming  
SFN 60834 (3-2023)

**23 USC § 407 Documents  
NDDOT Reserves All Objections**

City	Intersection	
Test Performed By	Date	
Test Instrument		

Location	Ground Conductor Resistance (Ohms)	Maximum Allowable Resistance (Ohms)
Controller Cabinet		10
Traffic Signal Standard	For NB Traffic	25
	For SB Traffic	25
	For EB Traffic	25
	For WB Traffic	25
Separate Standard in Median (Only if Applicable)	For NB to WB Left Turn	25
	For SB to EB Left Turn	25
	For EB to NB Left Turn	25
	For WB to SB Left Turn	25
Separate Near-Side Standard (Only if Applicable)	For NB Traffic	25
	For SB Traffic	25
	For EB Traffic	25
	For WB Traffic	25
Separate Pedestrian Standard (Only if Applicable)	NE Quadrant	25
	SE Quadrant	25
	SW Quadrant	25
	NW Quadrant	25