Conflation Report

Buffer Comparisons: 5m, 10m, and 12m

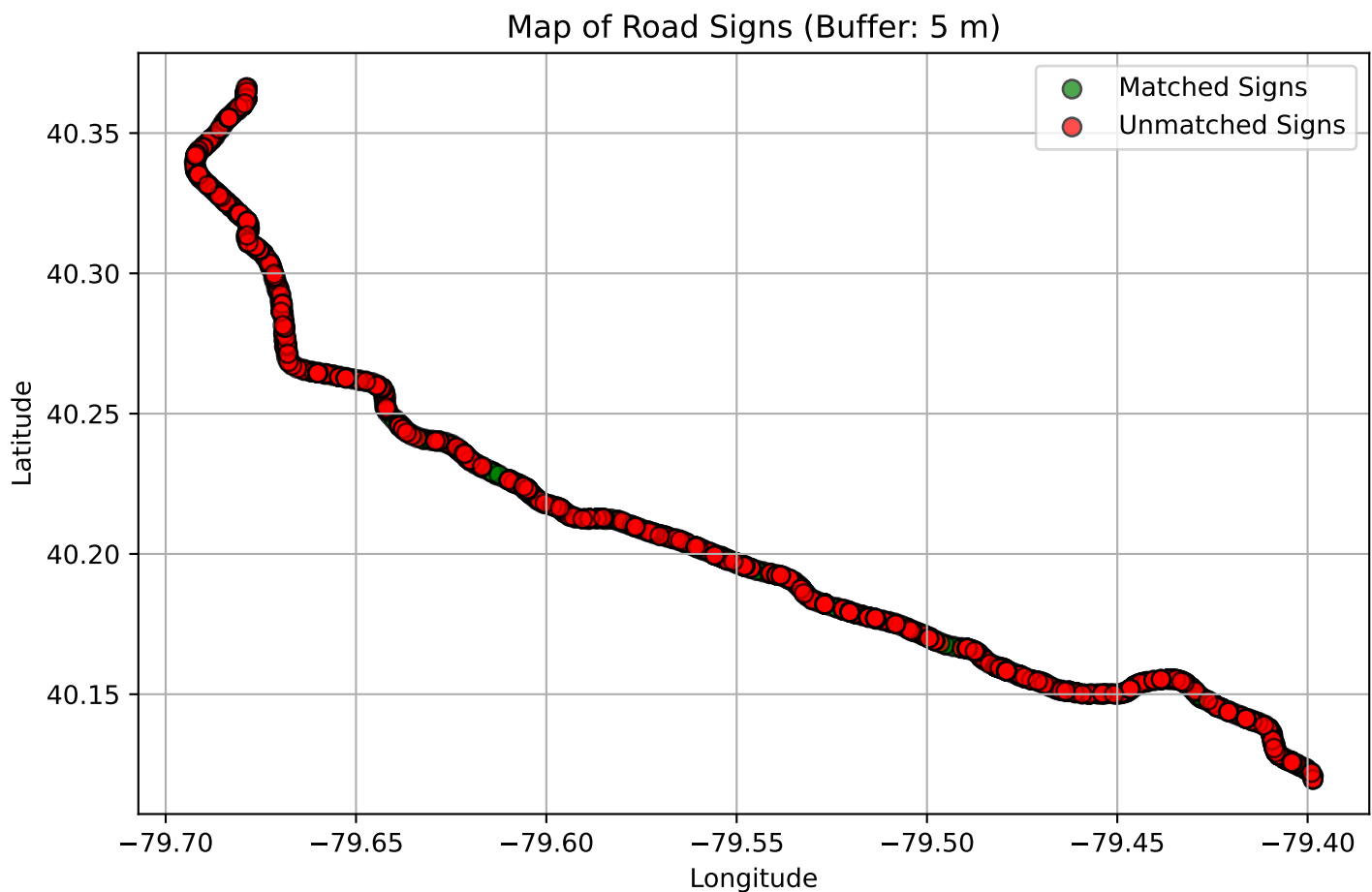Report Generated: 2025-02-24 10:52:01

Buffer Distance: 5 meters
Report Generated: 2025-02-24 10:51:58

-- Matching Metrics --
Total signs in File 1: 1866
Total signs in File 2: 1338
Matched signs: 919
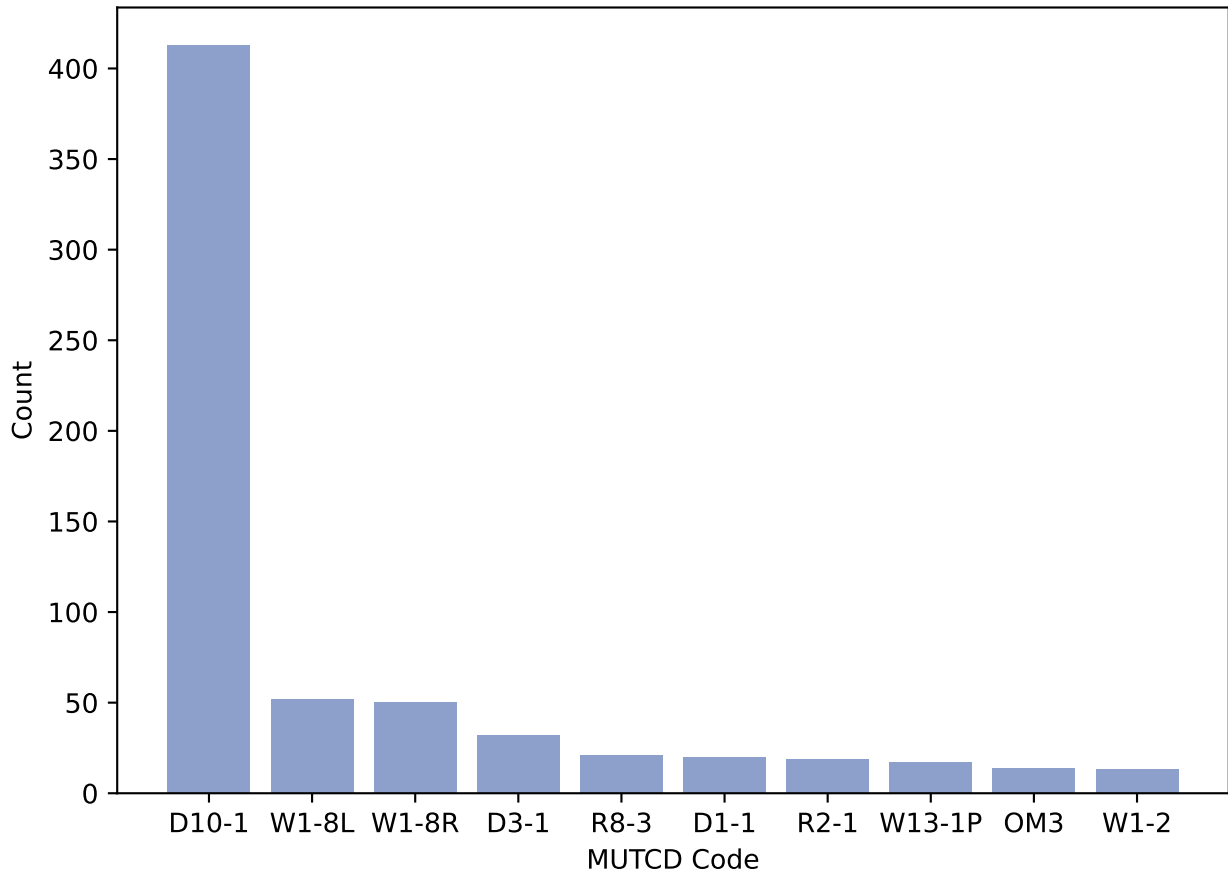Unmatched in File 1: 947
Unmatched in File 2: 419

Percentage matched in File 1: 49.25%
Percentage matched in File 2: 68.68%

Average match distance: 0.97 m
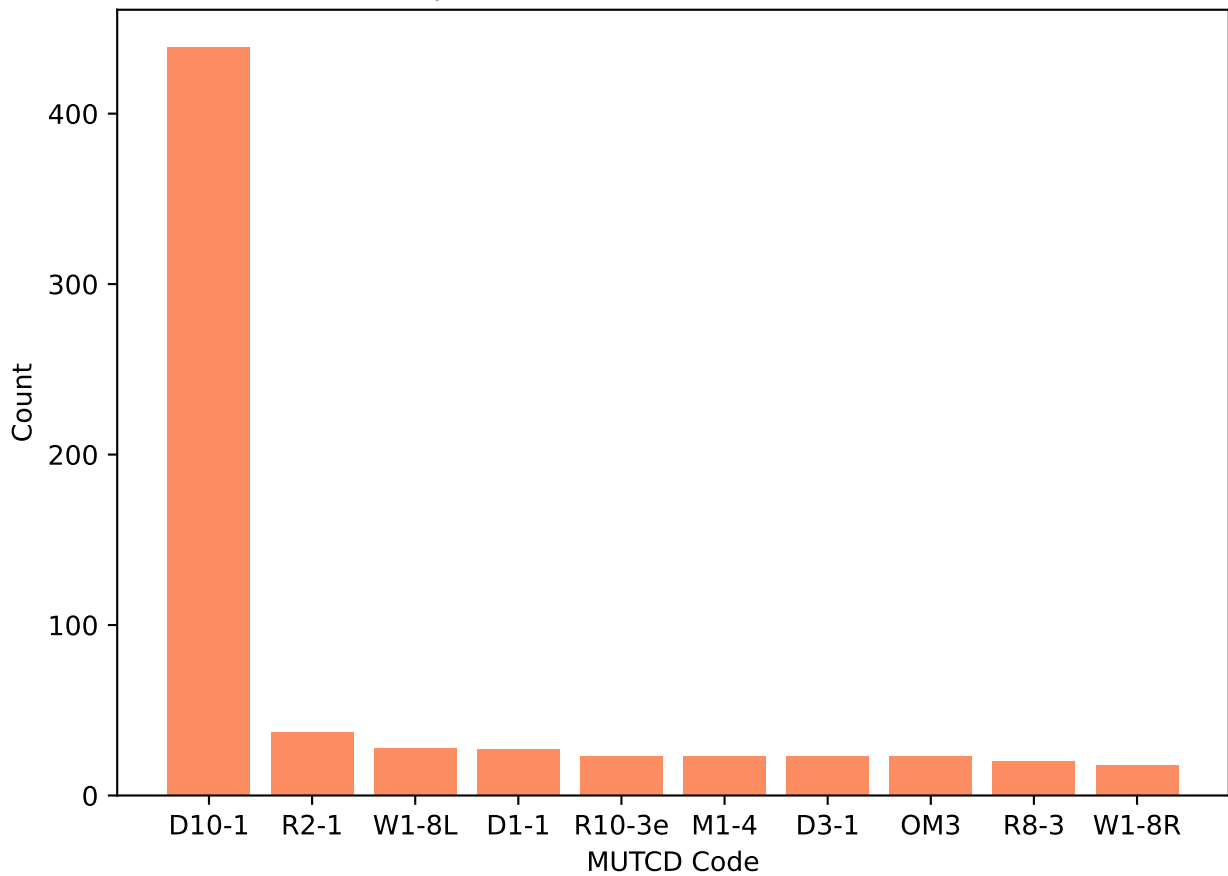Minimum match distance: 0.01 m
Maximum match distance: 4.95 m

-- Bounding Box Metrics --
File 1 (Mach9): Diagonal ≈ 37072.74 m, Area ≈ 685398111.87 m²
File 2 (Client): Diagonal ≈ 36959.41 m, Area ≈ 681399133.37 m²
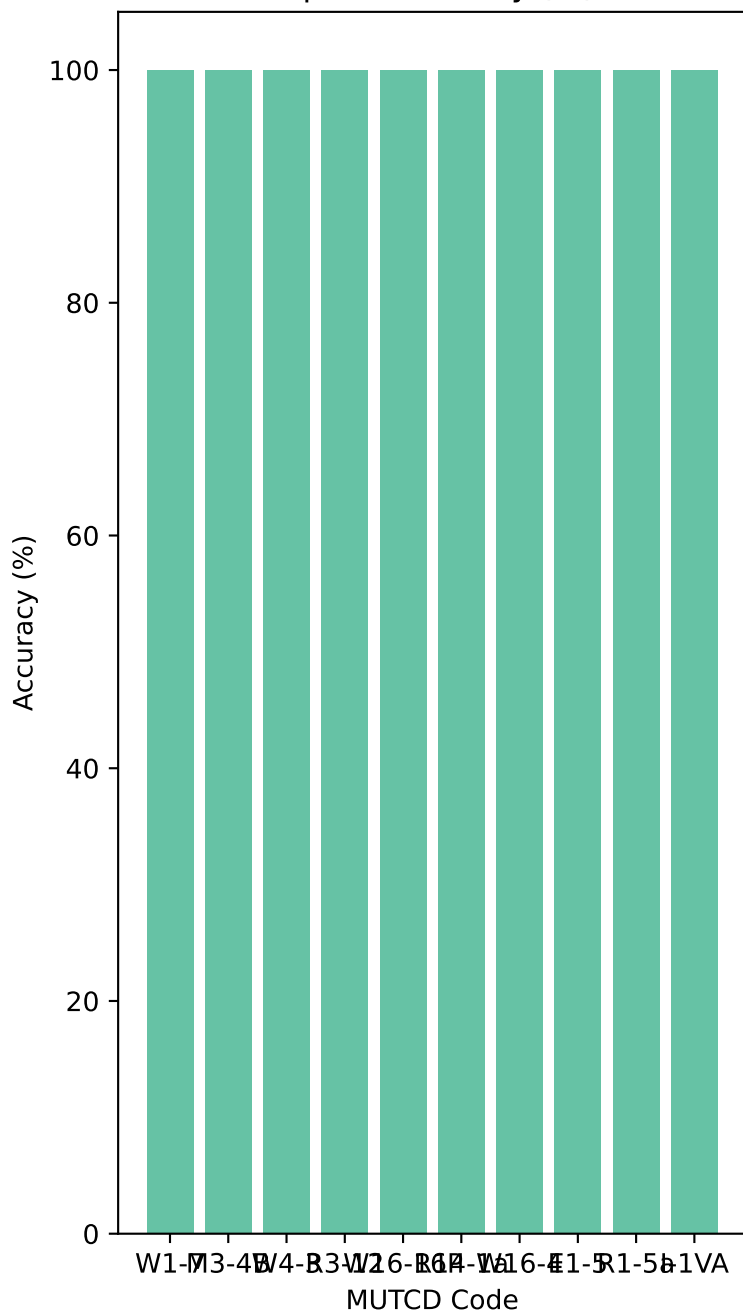

Map of Road Signs (Buffer: 5 m)
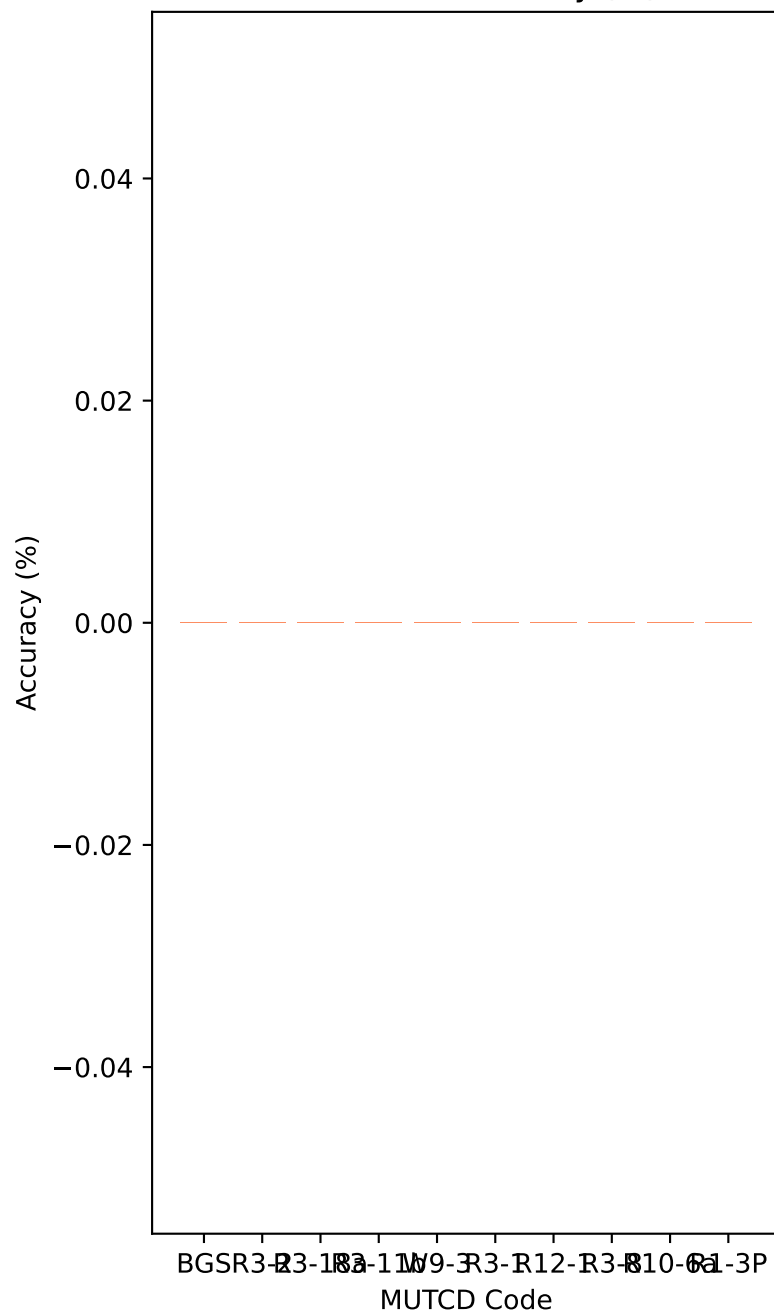
Top 10 Matched MUTCD Counts

Top 10 Unmatched MUTCD Counts

Top 10 Accuracy (%)

Lowest 10 Accuracy (%)

MUTCD	Accuracy	File 1	File 2
W1-7	100.0%	1	0
M3-4B	100.0%	1	0
W4-3	100.0%	3	0
R3-12	100.0%	2	0
W16-16P	100.0%	1	0
R14-1a	100.0%	1	0
W16-4	100.0%	1	0
E1-5	100.0%	2	0
R1-5a	100.0%	1	0
I-1VA	100.0%	1	0

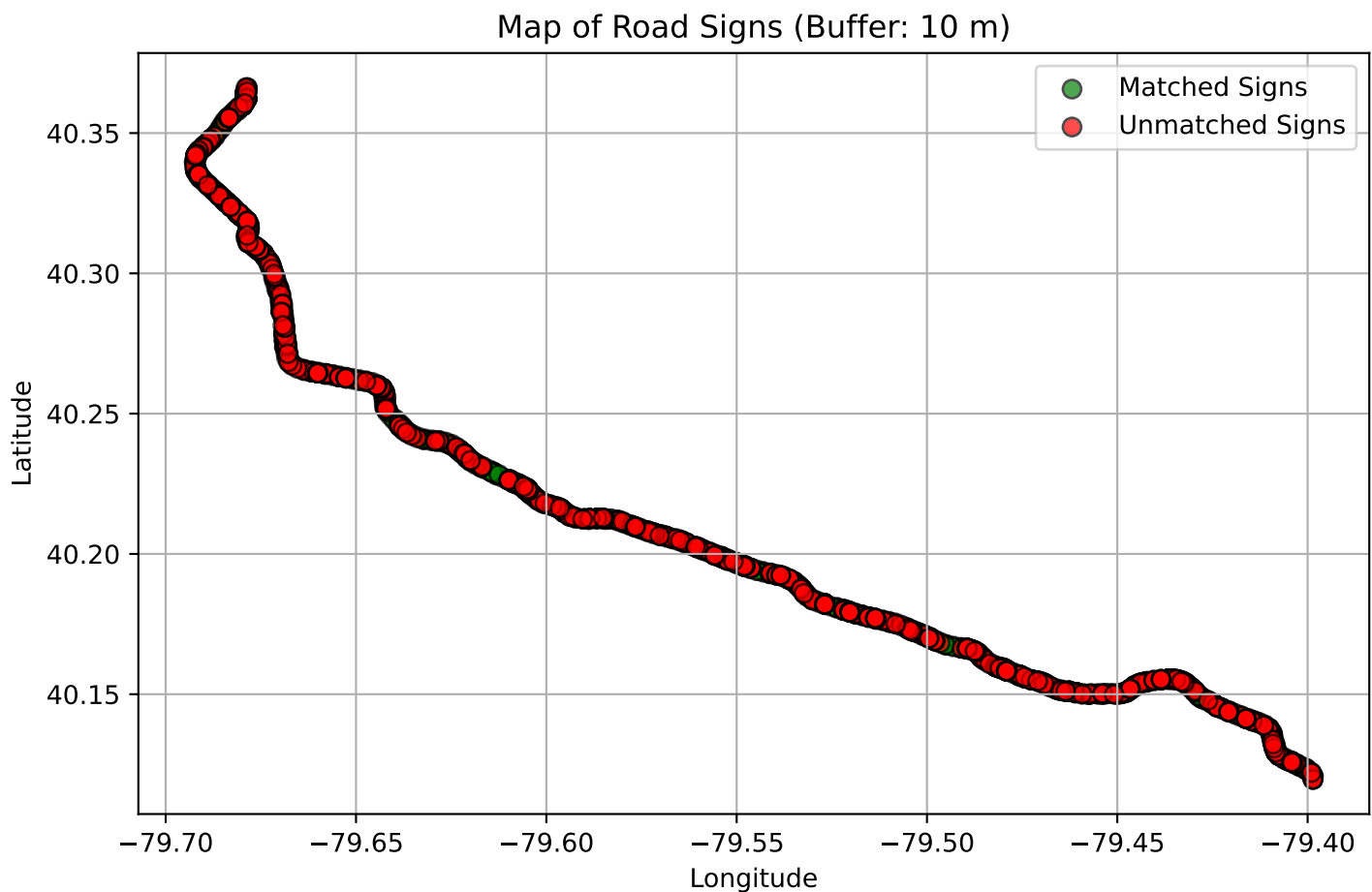| MUTCD	Accuracy	File 1	File 2
BGS	0.0%	1	0
R3-2	0.0%	2	0
R3-18a	0.0%	1	0
R3-11b	0.0%	1	0
W9-3	0.0%	2	0
R3-1	0.0%	2	0
R12-1	0.0%	1	0
R3-8	0.0%	1	0
R10-6a	0.0%	1	0
R1-3P	0.0%	1	0

Buffer Distance: 10 meters
Report Generated: 2025-02-24 10:51:59

-- Matching Metrics --
Total signs in File 1: 1866
Total signs in File 2: 1338
Matched signs: 940
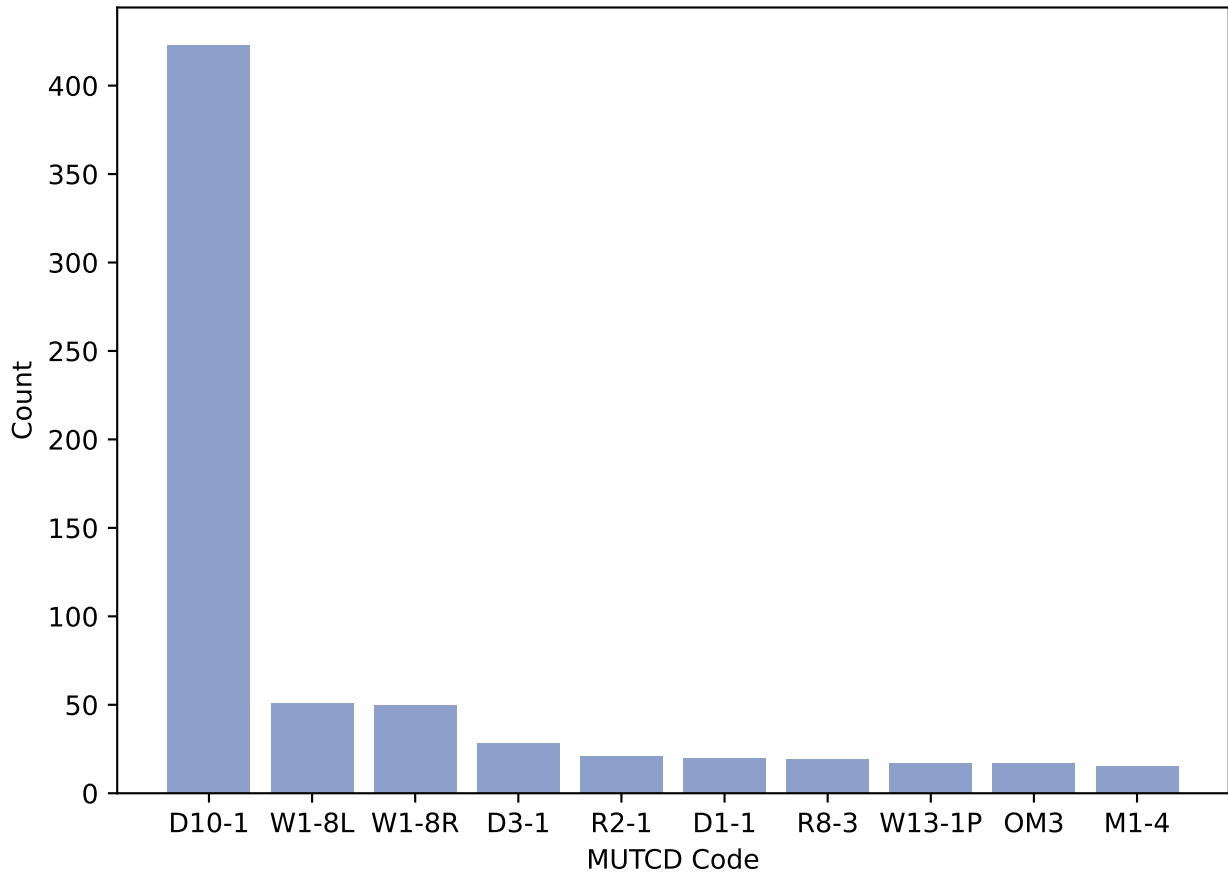Unmatched in File 1: 926
Unmatched in File 2: 398

Percentage matched in File 1: 50.38%
Percentage matched in File 2: 70.25%

Average match distance: 1.40 m
Minimum match distance: 0.01 m
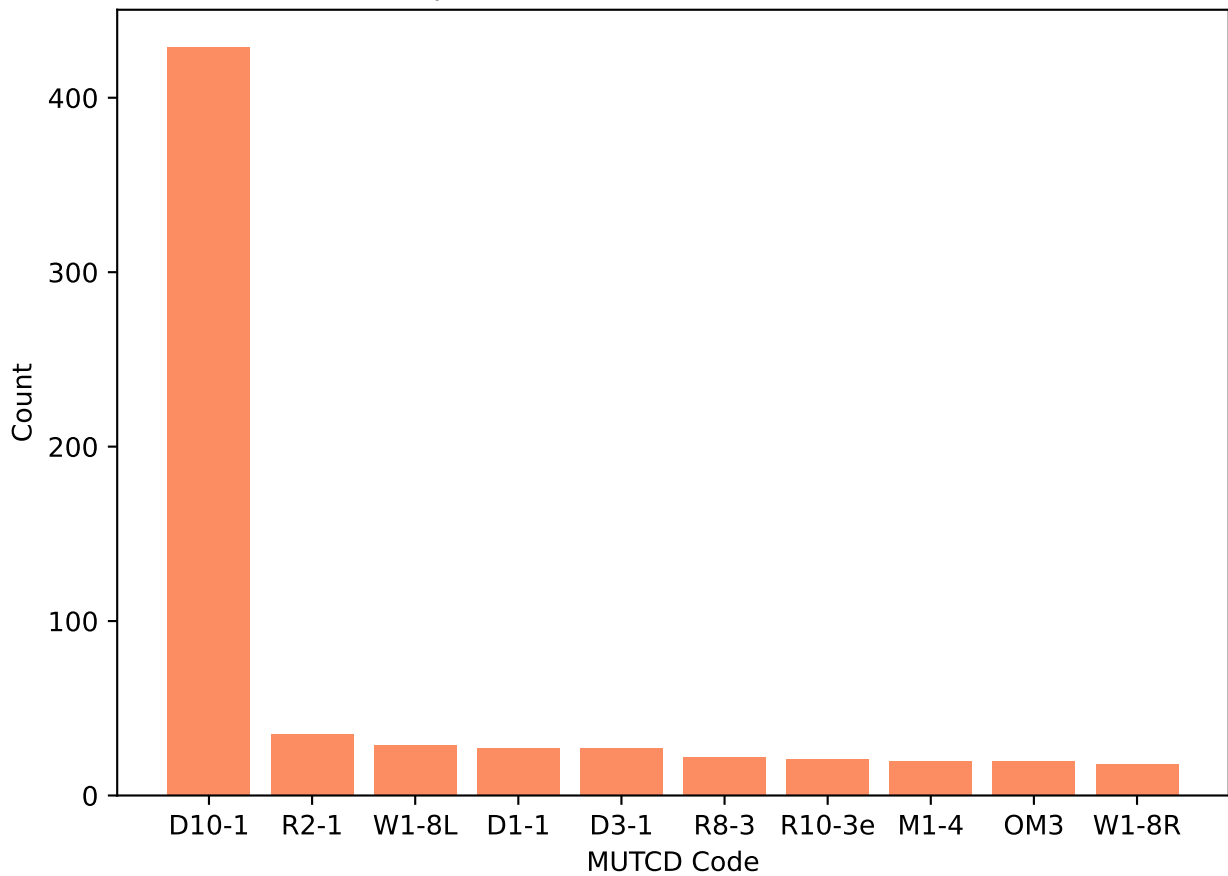Maximum match distance: 9.94 m

-- Bounding Box Metrics --
File 1 (Mach9): Diagonal ≈ 37072.74 m, Area ≈ 685398111.87 m²
File 2 (Client): Diagonal ≈ 36959.41 m, Area ≈ 681399133.37 m²
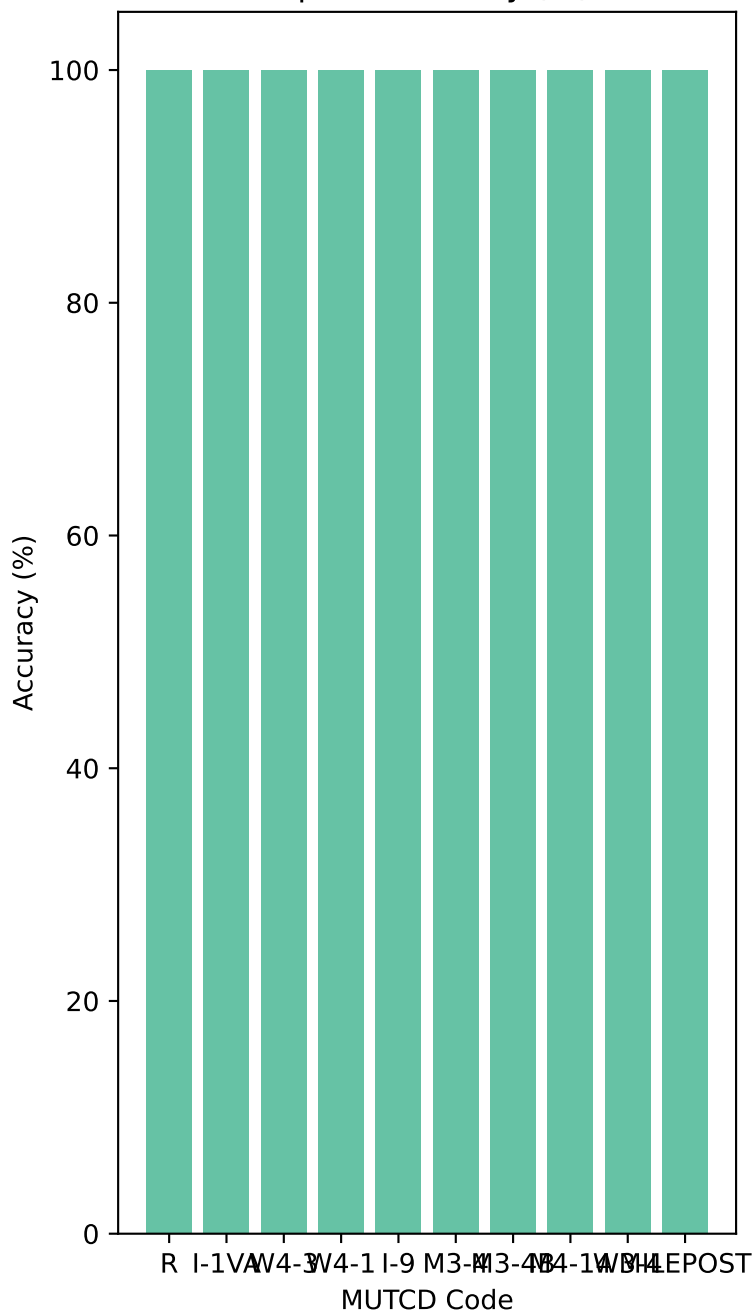
Map of Road Signs (Buffer: 10 m)
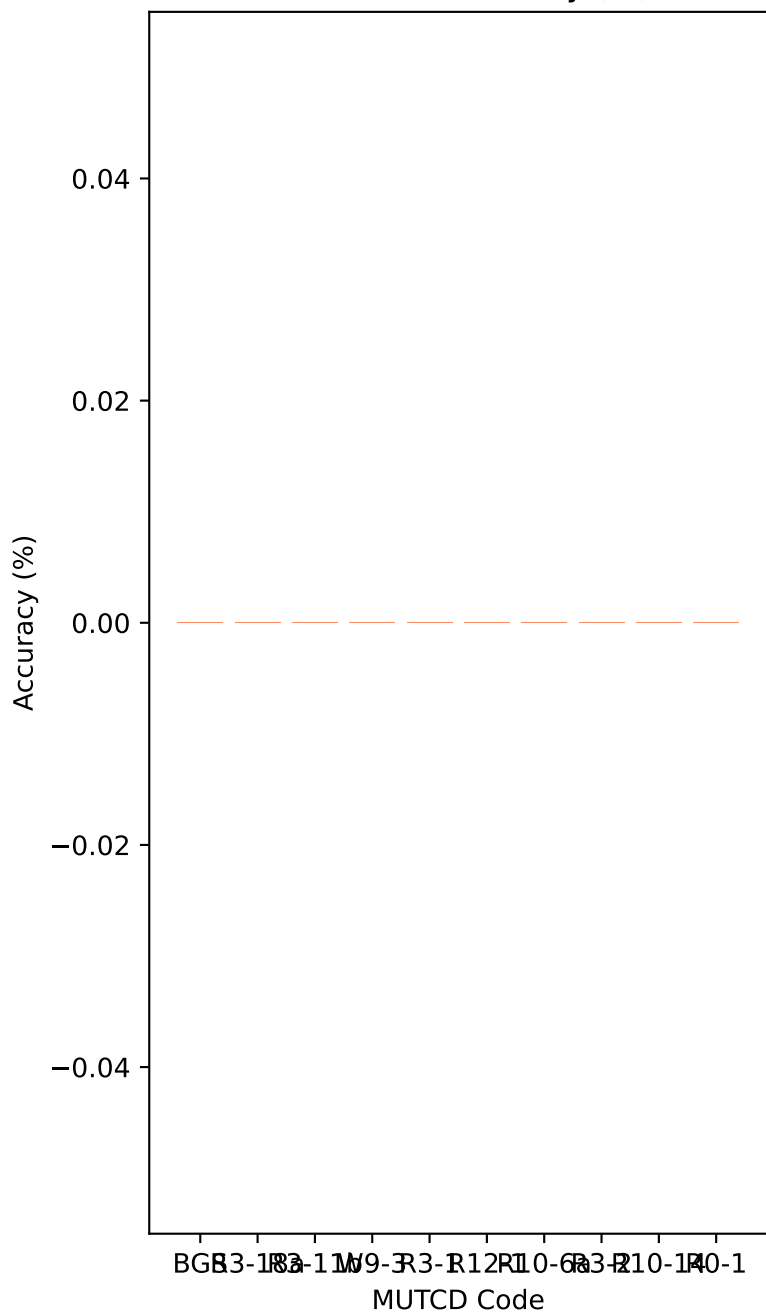
Top 10 Matched MUTCD Counts

Top 10 Unmatched MUTCD Counts

Top 10 Accuracy (%)

Lowest 10 Accuracy (%)

MUTCD	Accuracy	File 1	File 2
R	100.0%	1	0
I-1VA	100.0%	1	0
W4-3	100.0%	3	0
W4-1	100.0%	3	0
I-9	100.0%	2	0
M3-4	100.0%	2	0
M3-4B	100.0%	1	0
M4-14	100.0%	2	0
W3-4	100.0%	1	0
MILEPOST	100.0%	1	0

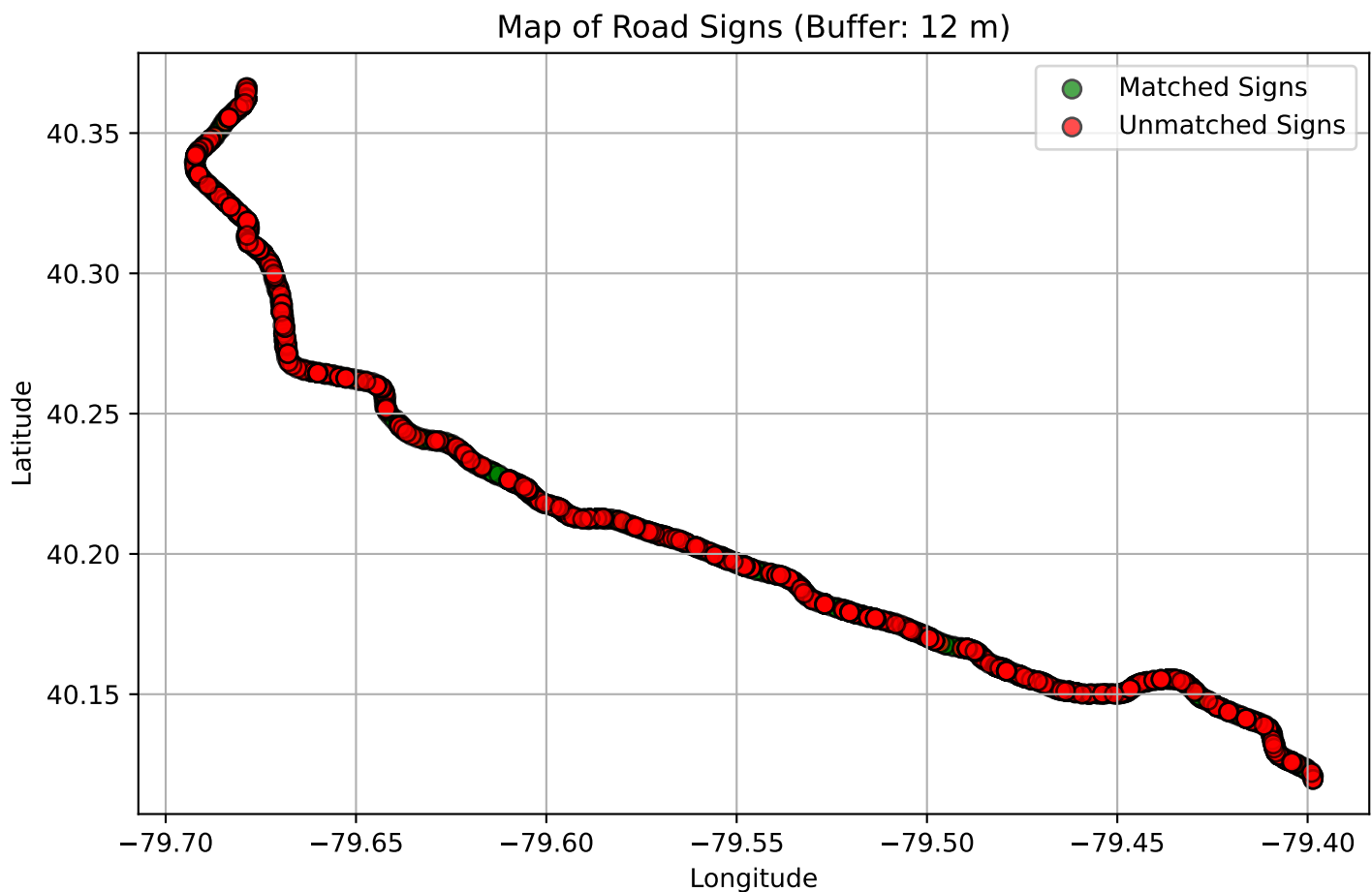| MUTCD	Accuracy	File 1	File 2
BGS	0.0%	1	0
R3-18a	0.0%	1	0
R3-11b	0.0%	1	0
W9-3	0.0%	2	0
R3-1	0.0%	2	0
R12-1	0.0%	1	0
R10-6a	0.0%	1	0
R3-2	0.0%	2	0
R10-14	0.0%	1	0
R0-1	0.0%	1	0

Buffer Distance: 12 meters
Report Generated: 2025-02-24 10:52:00

-- Matching Metrics --
Total signs in File 1: 1866
Total signs in File 2: 1338
Matched signs: 955
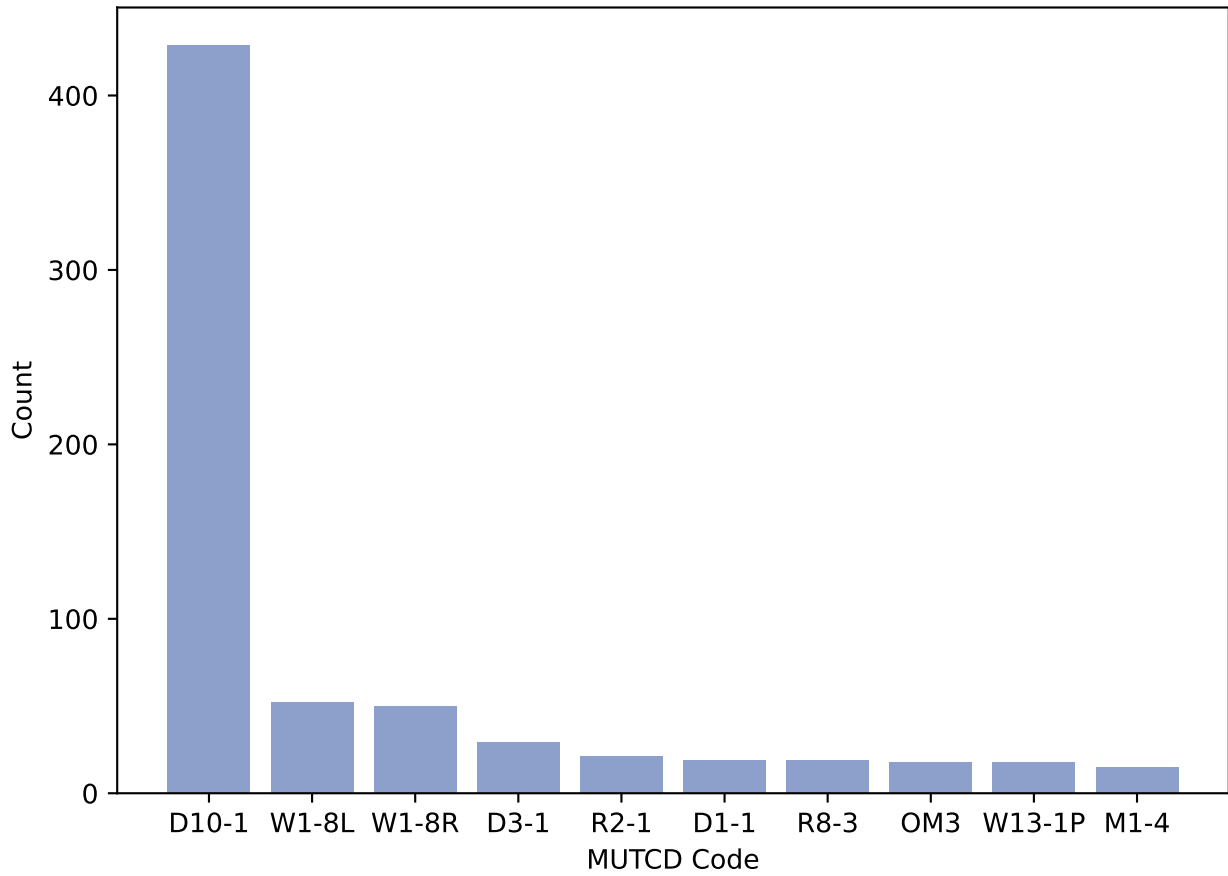Unmatched in File 1: 911
Unmatched in File 2: 383

Percentage matched in File 1: 51.18%
Percentage matched in File 2: 71.38%

Average match distance: 1.64 m
Minimum match distance: 0.01 m
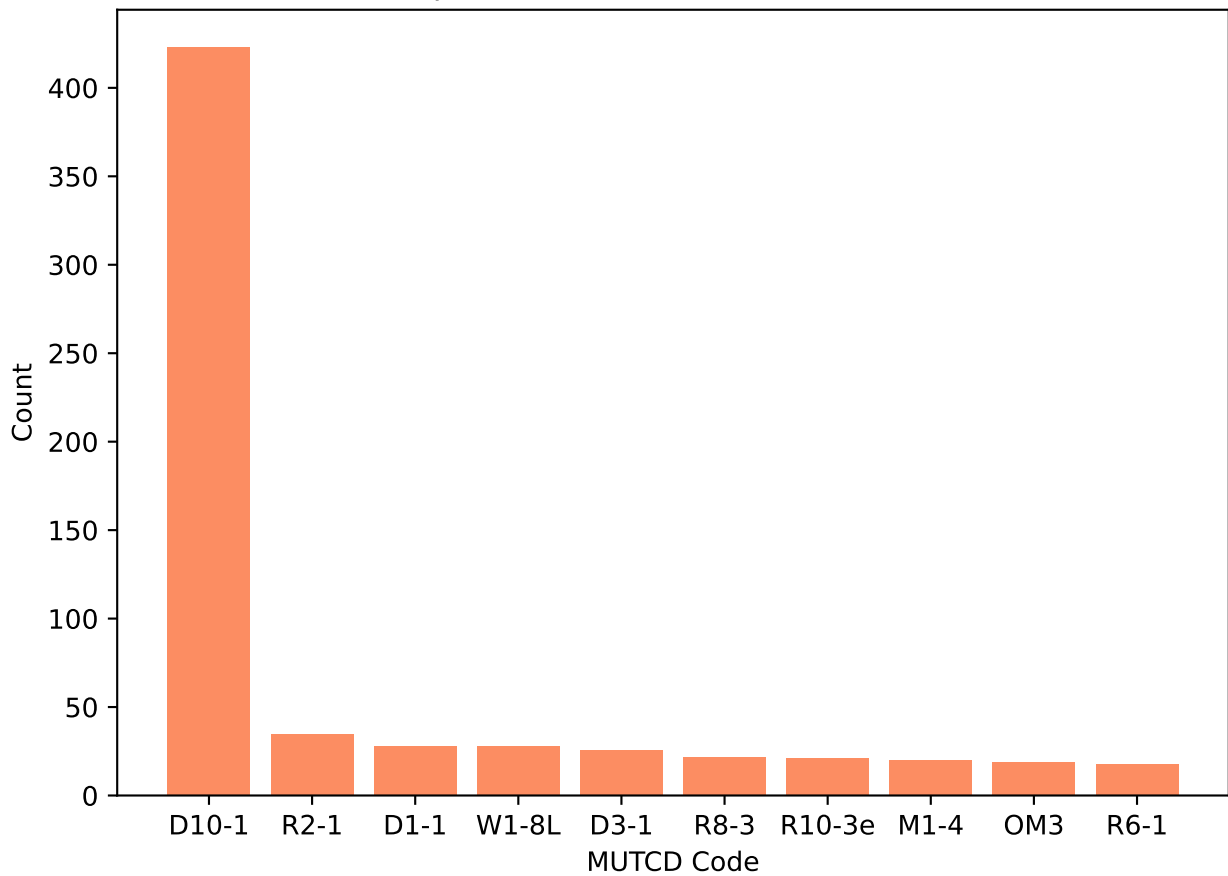Maximum match distance: 11.93 m

-- Bounding Box Metrics --
File 1 (Mach9): Diagonal ≈ 37072.74 m, Area ≈ 685398111.87 m²
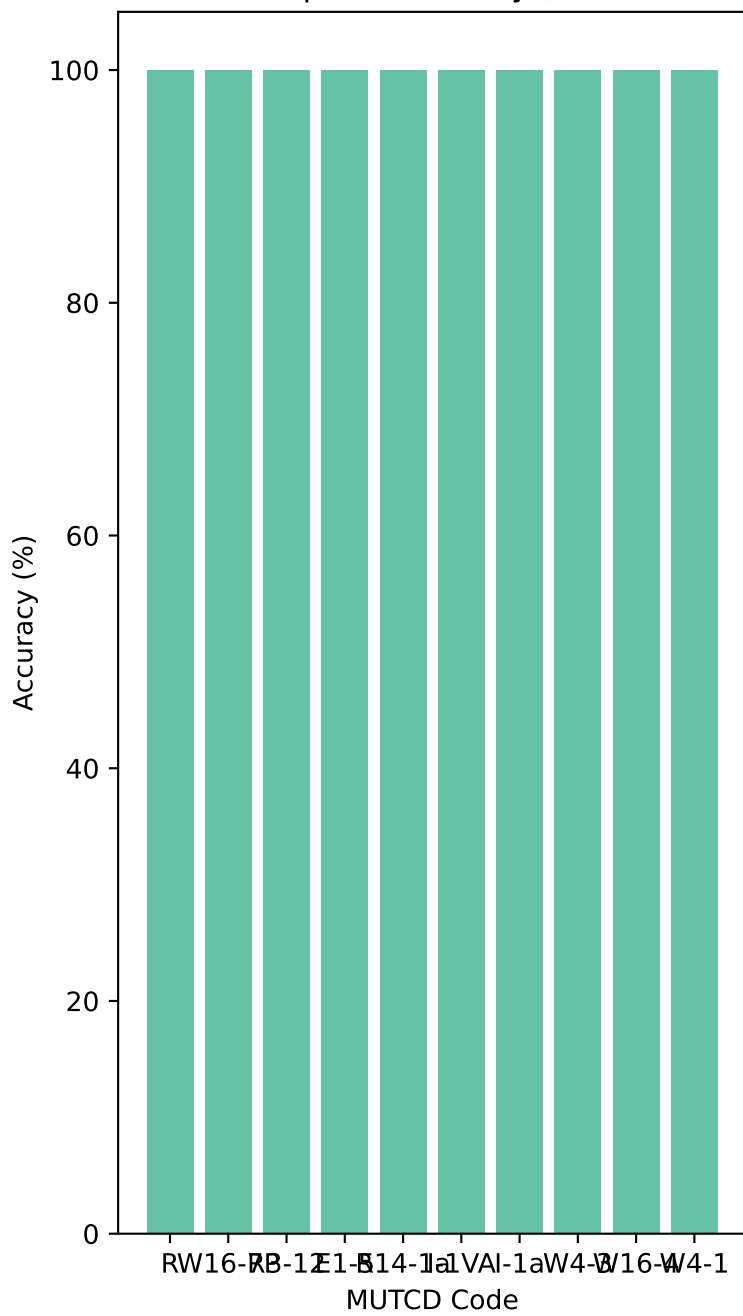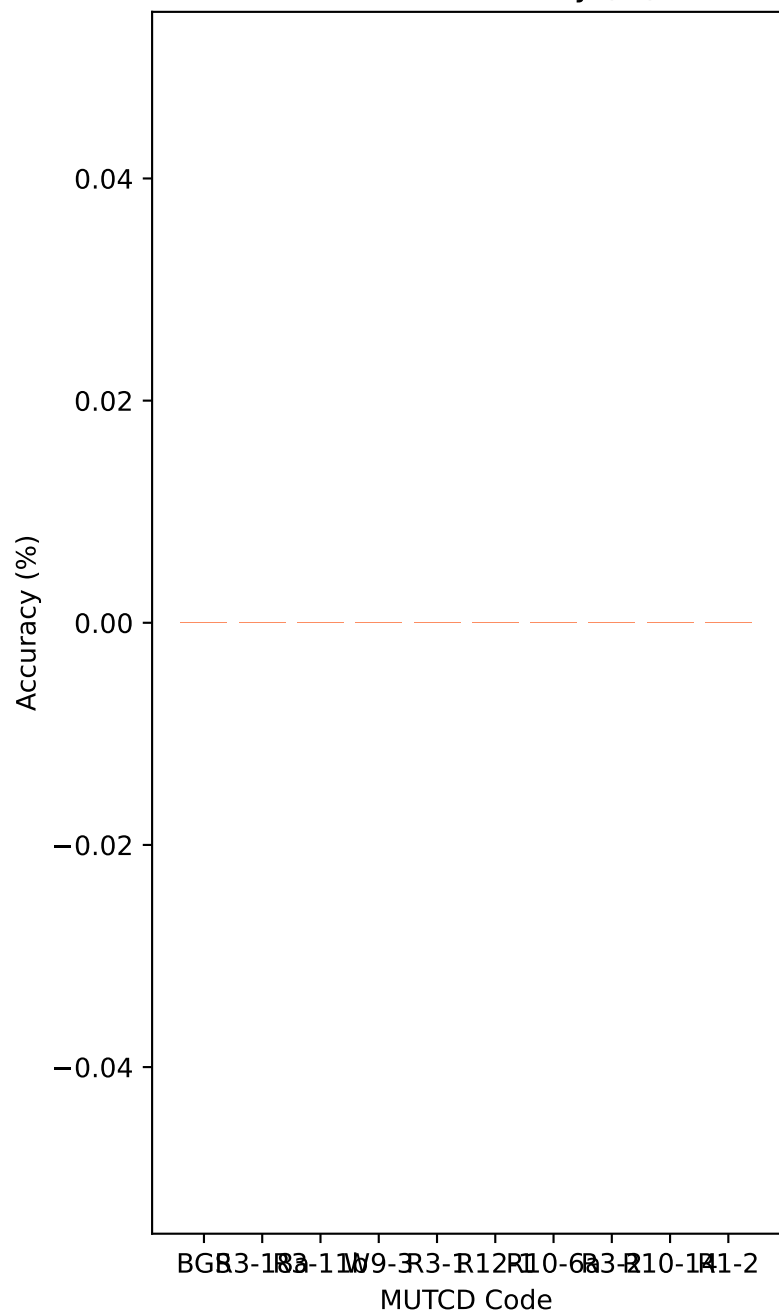File 2 (Client): Diagonal ≈ 36959.41 m, Area ≈ 681399133.37 m²

Map of Road Signs (Buffer: 12 m)

Top 10 Matched MUTCD Counts

Top 10 Unmatched MUTCD Counts

Top 10 Accuracy (%)

Lowest 10 Accuracy (%)

MUTCD	Accuracy	File 1	File 2
R	100.0%	1	0
W16-7P	100.0%	2	0
R3-12	100.0%	2	0
E1-5	100.0%	2	0
R14-1a	100.0%	1	0
I-1VA	100.0%	1	0
I-1a	100.0%	1	0
W4-3	100.0%	3	0
W16-4	100.0%	1	0
W4-1	100.0%	3	0

MUTCD	Accuracy	File 1	File 2
BGS	0.0%	1	0
R3-18a	0.0%	1	0
R3-11b	0.0%	1	0
W9-3	0.0%	2	0
R3-1	0.0%	2	0
R12-1	0.0%	1	0
R10-6a	0.0%	1	0
R3-2	0.0%	2	0
R10-14	0.0%	1	0
R1-2	0.0%	2	0