

BRISK vs SIFT & Rotation Matrices

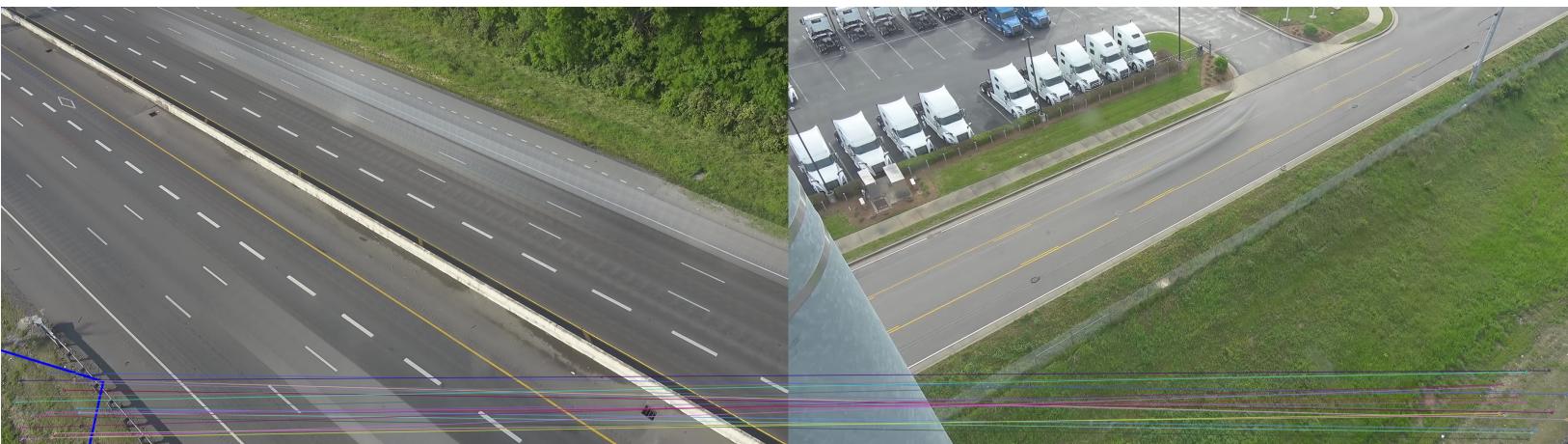
Interesting Differences in
BRISK vs SIFT at large rotation angles
(otherwise, produces similar results)

BRISK or SIFT

SIFT



BRISK



Cam 2:
Abs pan = 33.93°
Abs tilt = -43.36°
Relative pan = 100°

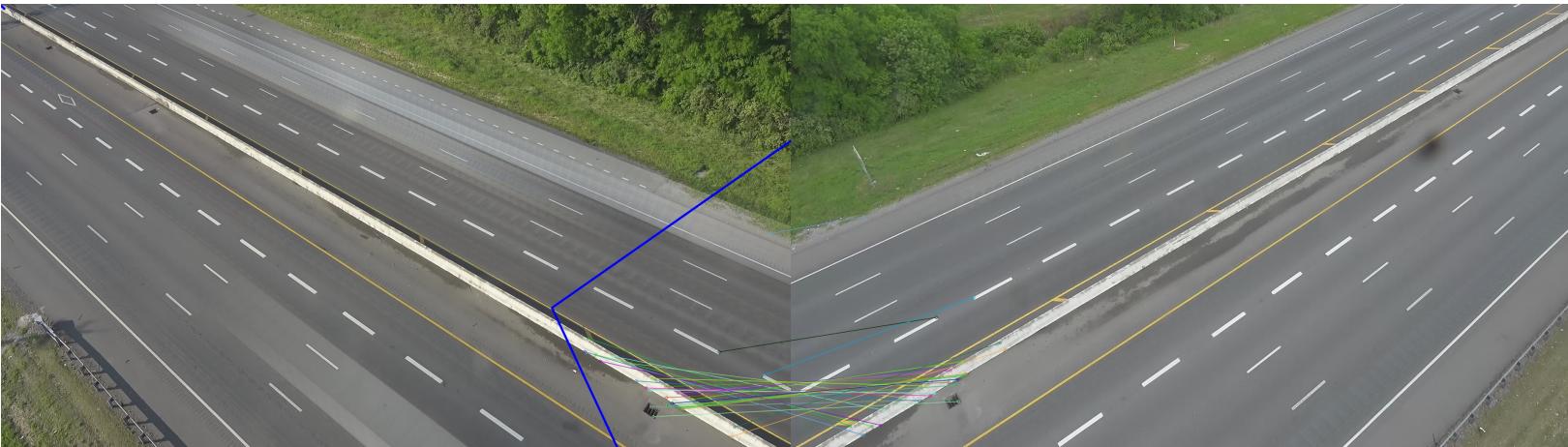
BRISK or SIFT

Cam 2:
Abs pan = -146.01°
Abs tilt = -43.32°
Relative pan = -80°

SIFT



BRISK

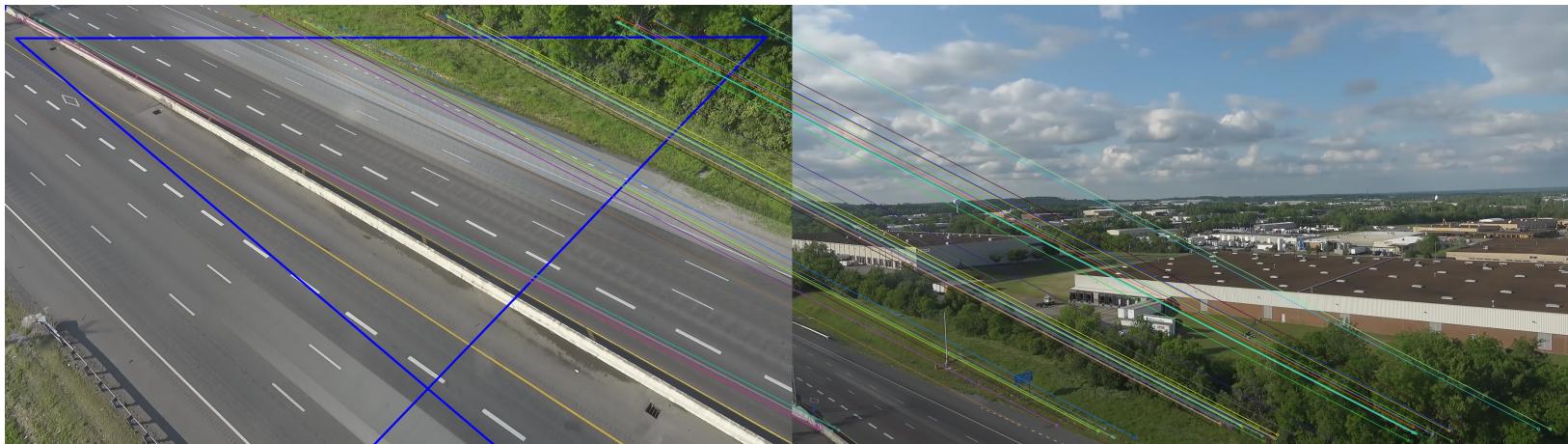


BRISK or SIFT

SIFT



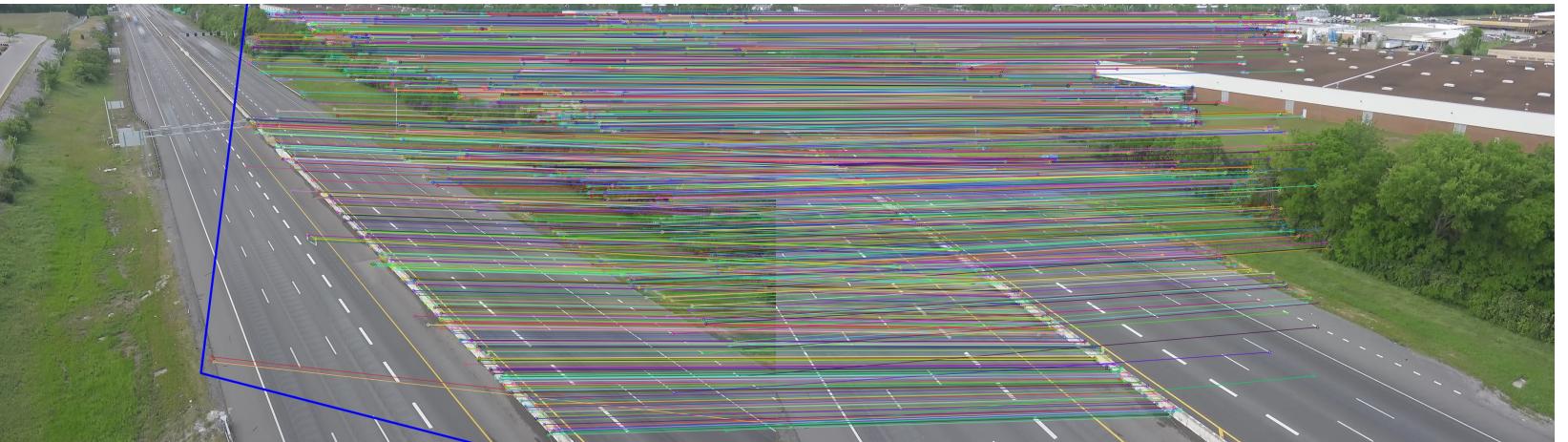
BRISK



Cam 2:
Abs pan = 133.98°
Abs tilt = -3.32°
Relative tilt = -40°

Axis of Rotation

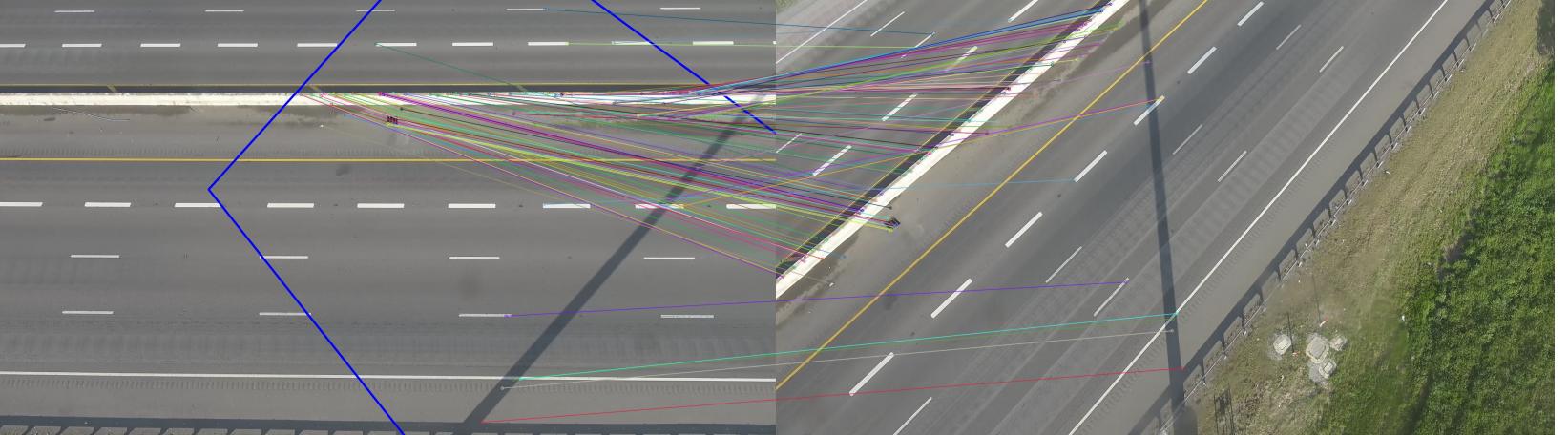
Camera 1 Panning: y



Camera 2 Panning : y or z

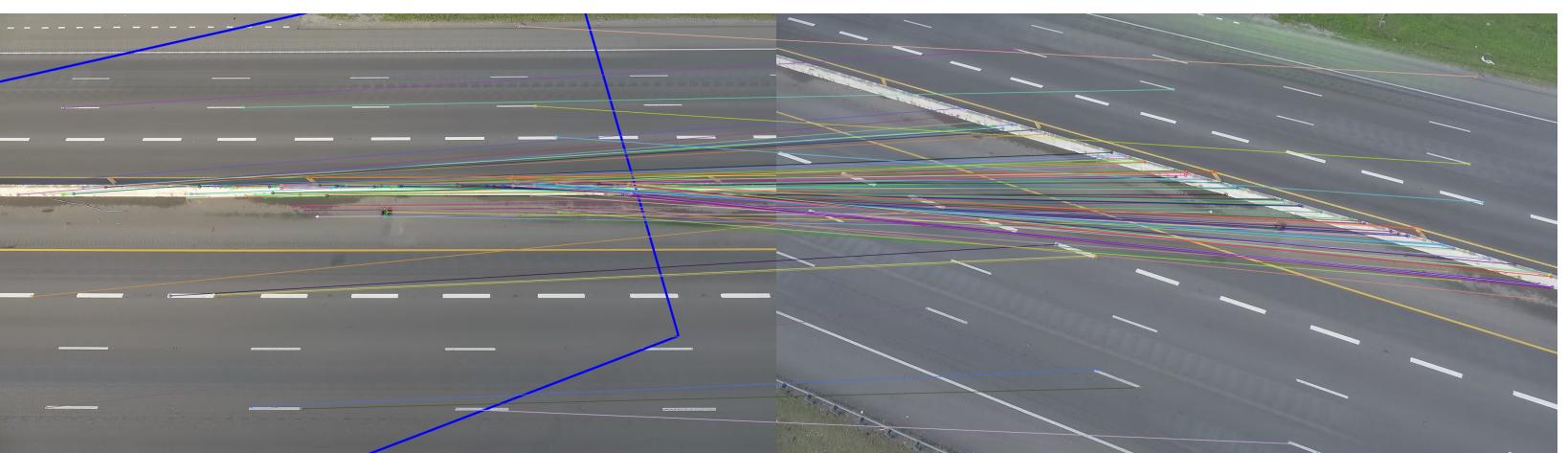


Camera 3 Panning: z



Axis of Rotation

Camera 4 Panning: z



Camera 5 Panning: y or z



Camera 6 Panning: y

