

3d point cloud

## Road Curb Feature Detector

1) Segmentation and classification of 3d point cloud

2) Labeling of 3d points with detected class

road curb features

## Road Curb Map

3) Compensation of ego motion in map

4) Update of curb position, curb directions and number of curb elements

## Road Curb Extractor

5) Linking of road curb candidates to road curbs