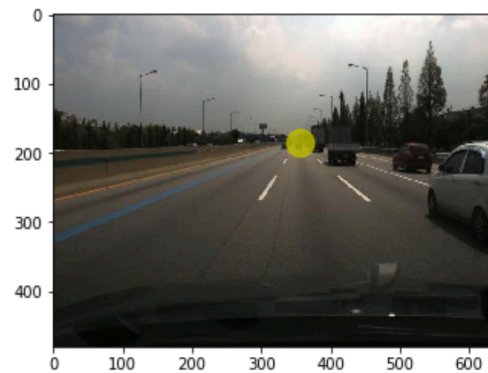# LANE POST PROCESSING

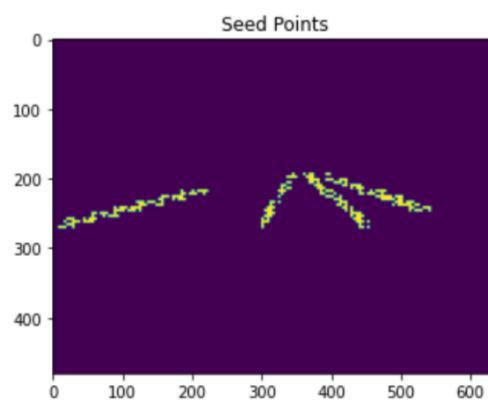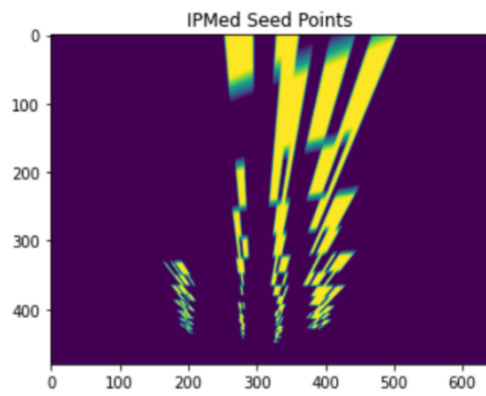## *INPUT IMAGE:*



## *CNN OUTPUT (multilabel task):*
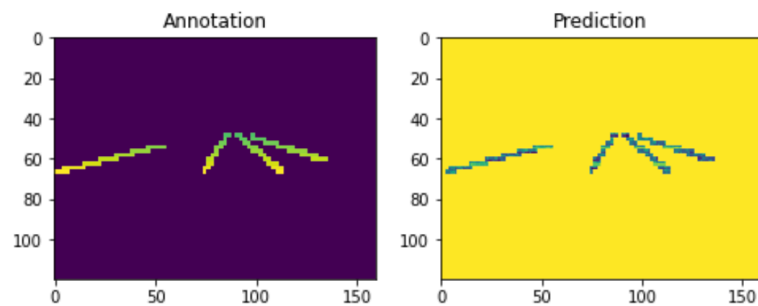


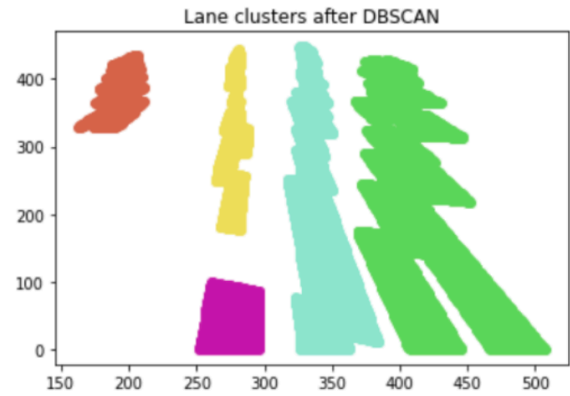## *Lane Post Processing:*
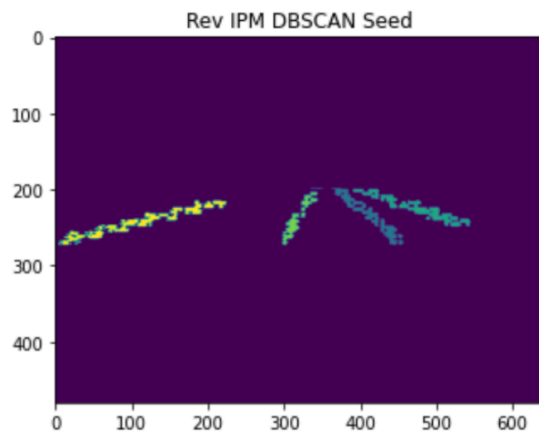


**STEP 1: Get seed points from Binary Mask**

IPMed Seed Points

STEP 2: IPM the seed points



Lane clusters after DBSCAN

STEP 3: Clustering of seed points



Rev IPM DBSCAN Seed
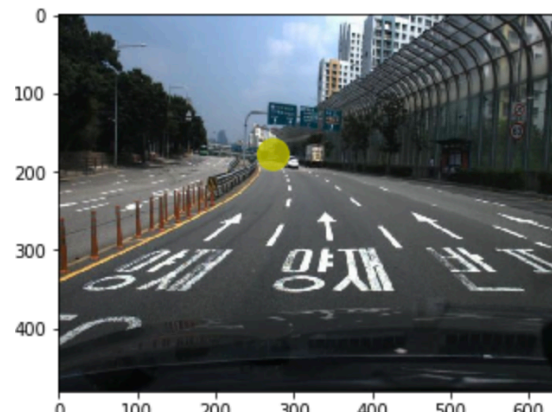
STEP 5: Reverse IPM



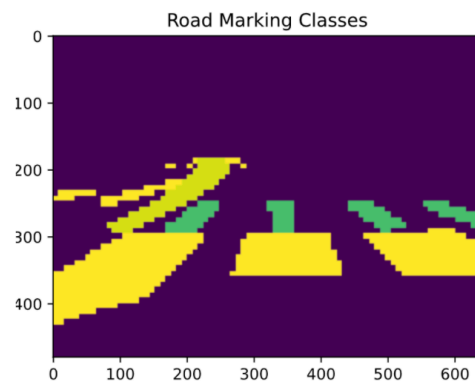DBSCANed IPMed Seed points
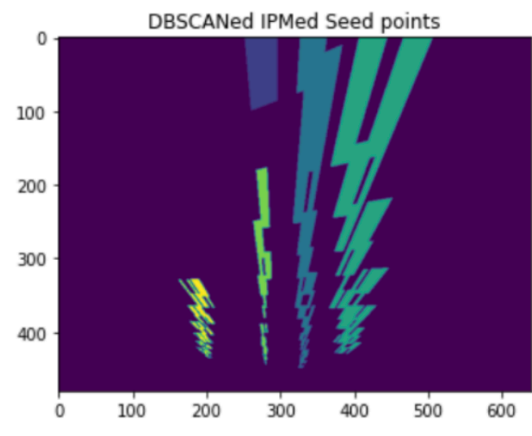
STEP 4: DBSCAN+ IPM
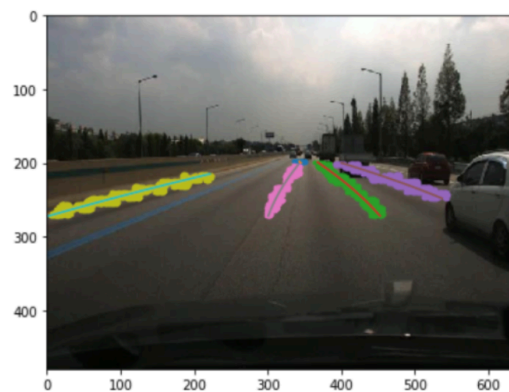


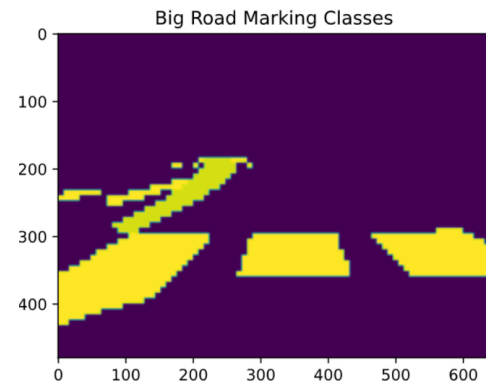STEP 6: Spline Fitting

# ROAD MARKING POST PROCESSING
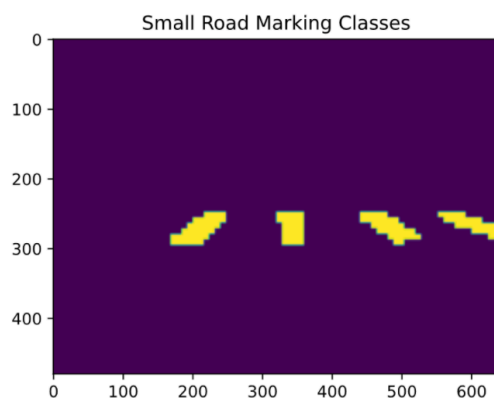
## INPUT IMAGE:



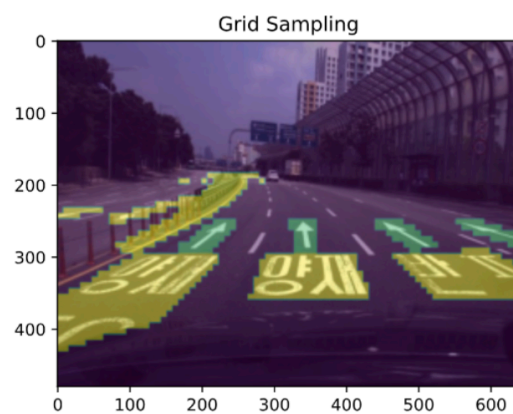## ROAD MARKING POST PROCESSING:



STEP 1: Extracting road marking classes



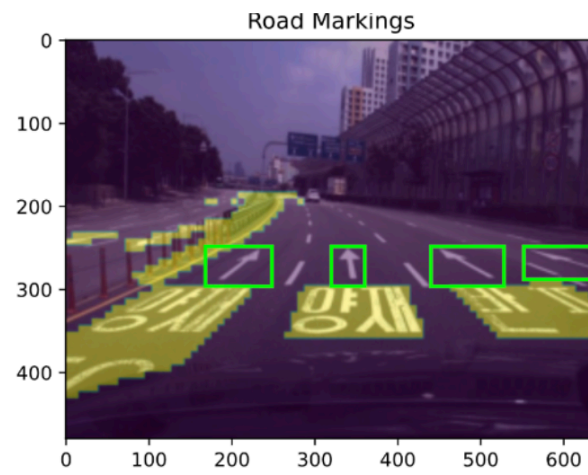STEP 2: Extracting crosswalks, safety zones etc.



STEP 3: Extracting arrows, stop lines etc.



STEP 4: Grid Sampling

Road Markings

STEP 5: Grid Merging