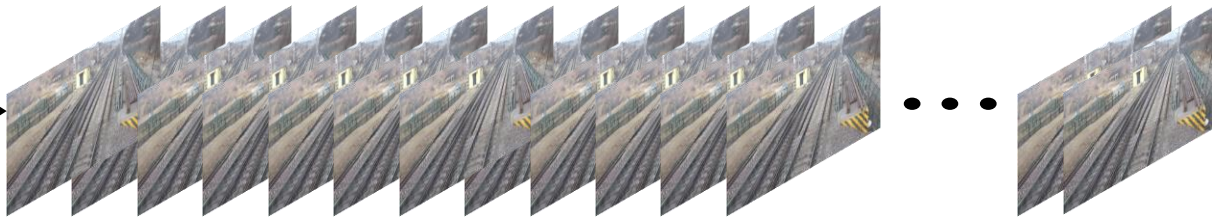


Raw Video Collection



Normal Video



Annotation

Scene Category: Switch
Anomaly Duration: 4
Anomaly Start Time: 32
Anomaly Class: Pole
Anomaly Description: A pole near the railway is falling onto track in sunny day.

Pixel Annotation:



3D Asset Bank



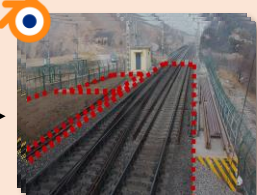
3D Object



Synthetic Anomaly Generation Engine



Establish coordinate



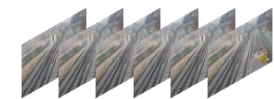
Construct basic planes



Add animation



Object harmonization



Abnormal Video