Annotated by human



QA1: What is the theme of this picture? intersection

QA2: Does this picture contain an airplane? no

QA3: Does this picture contain trees? yes

QA4: How many buildings in the picture? three

QA5: What is the location of the yellow car in this picture? left

Gnerated by Algorithm 1 from classification data sets



QA1: What is the theme of this picture? port

Gnerated by Algorithm 1 from DOTA



QA1: How many planes are there in this picture? 21 QA2: How many storage tanks are there in this picture? 1 QA3: How many small vehicles are there in this picture? 272 QA4: How many large vehicles are there in this picture? 29

QA5: Does this picture contain plane? yes

QA6: Does this picture contain ship? no QA7: Does this picture contain storage tank? yes

QA8: Does this picture contain baseball diamond? no

QA9: Does this picture contain small vehicle? yes

QA10: Does this picture contain tennis court? no QA11: Does this picture contain large vehicle? yes

QA12: Does this picture contain basketball court? no

Gnerated by Algorithm 1 from DOTA



QA1: How many small vehicles are there in this picture? 30 QA2: How many large vehicles are there in this picture? 258

QA3: Does this picture contain small vehicle? yes

QA4: Does this picture contain plane? no

QA5: Does this picture contain large vehicle? yes

QA6: Does this picture contain ship? no

Gnerated by Algorithm 1 from DOTA



QA1: How many small vehicles are there in this picture? 7 QA2: How many large vehicles are there in this picture? 2

QA3: Does this picture contain small vehicle? yes

QA4: Does this picture contain plane? no

QA5: Does this picture contain large vehicle? yes

QA6: Does this picture contain ship? no

Gnerated by Algorithm 1 from HRRSD



QA1: How many bridges are there in this picture? 1

QA2: Does this picture contain bridge? yes

QA3: Does this picture contain ship? no

Gnerated by Algorithm 1 from HRRSD



QA1: How many crossroads are there in this picture? 1

QA2: How many T junctions are there in this picture? 4

QA3: Does this picture contain crossroad? yes

QA4: Does this picture contain ship? no

QA6: Does this picture contain bridge? no

QA5: Does this picture contain T junction? yes