CLAIMS:

1. An alerting apparatus that issues an alert regarding a moving obstacle to a driver of a host vehicle, when the host vehicle enters an intersection of a crossroad that is connected to a traveling road on which the host vehicle is traveling, and the traveling road, in a left-hand traffic jurisdiction, the alerting apparatus characterized by comprising:

an ECU (2) configured to

determine a traveling direction of the host vehicle entering the intersection;

set an intersect determination range that extends out in front of the host vehicle from the host vehicle, based on a result of the determination, wherein the intersect determination range is a rectangular range that extends forward from the front end of the host vehicle;

obtain position information of the moving obstacle;

estimate a path of the moving obstacle, based on the position information of the moving obstacle;

determine whether the path of the moving obstacle intersects with the intersect determination range;

issue the alert regarding the moving obstacle to the driver when it is determined that the path of the moving obstacle intersects with the intersect determination range;

set the intersect determination range to be shorter in length in a front-'rear direction of the host vehicle when the traveling direction of the host vehicle is a left tum than when the traveling direction of the host vehicle is a right tum; and

set the intersect determination range to be shorter in length in a front-rear direction of the host vehicle as the number of lanes of the crossroad reduces.

2. The alerting apparatus according to claim 1, characterized in that

the ECU (2) is configured to set the intersect determination range to have a length in the front-'rear direction that is equal to or less than one-half of a road width of the crossroad when the traveling direction of the host vehicle is a left tum.

3. An alerting apparatus that issues an alert regarding a moving obstacle to a driver of a host vehicle, when the host vehicle enters an intersection of a crossroad that is connected to a traveling road on which the host vehicle is traveling, and the traveling road, in a

right-hand traffic jurisdiction, the alerting apparatus characterized by comprising:

an ECU (2) configured to

determine a traveling direction of the host vehicle entering the intersection;

set an intersect determination range that extends out in front of the host vehicle from the host vehicle, based on a result of the determination, wherein the intersect determination range is a rectangular range that extends forward from the front end of the host vehicle;

obtain position information of the moving obstacle;

estimate a path of the moving obstacle, based on the position information of the moving obstacle;

determine whether the path of the moving obstacle intersects with the intersect determination range;

issue the alert regarding the moving obstacle to the driver when it is determined that the path of the moving obstacle intersects with the intersect determination range;

set the intersect determination range shorter in length in a front-rear direction of the host vehicle when the traveling direction of the host vehicle is a right tum than when the traveling direction of the host vehicle is a left turn; and

set the intersect determination range to be shorter in length in a front-rear direction of the host vehicle as the number of lanes of the crossroad reduces.

4. The alerting apparatus according to claim 3, characterized in that

the ECU (2) is configured to set the intersect determination range to have a length in the front-rear direction that is equal to or less than one-half of a road width of the crossroad when the traveling direction of the host vehicle is a right tum.