

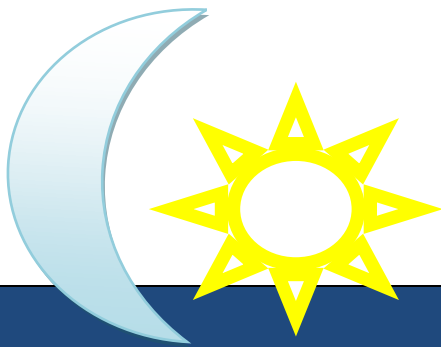


Design & Production

MTP Traffic Sign



Solar Traffic Sign



Active at day and night

Design and produce in UAE(Manufactory)

**Synchronized
Cross walking
Solar Road Stud
(Ultra-flat)**

Model number: SCRS110R

MTP Brand



made in UAE



MTP Traffic Sign

Tel: +971 6 55 2 99 15 Fax: +971 6 55 2 99 36 Mob: +971 56 78 56 255

P.O.Box: 9401, Emirates Industrial city – Sharjah - UAE

Email: mtpfzc@gmail.com

www.UATmtp.com

Technical Specification

Dimension	Diameter 110mm / Height 55mm
Level visibility	3mm above ground level
Weight	1050gr
Body Material	Aluminum with Polycarbonate Lens (MTP Brand)
Light Power	90mW
Solar power	270mW
Battery	3.7V, 1200mAh
LED Source	Single color (MTP Brand)
LED quantity	2 pc High Intensity(45mW)
LED Color	Red
LED Life	More than 100,000 Hours
Resist compression	40-45 tons
Lifetime	more than 5 years, inner part can be replaceable
Waterproof	IP68
View angle	90 degree
Usage place	Middle road lane, Cross road, Cross walking road
Easy maintenance	Only unscrew and replace the inner parts
Function Mode	Synchronized
Active mode	Night time
Controller Board	MTP Brand

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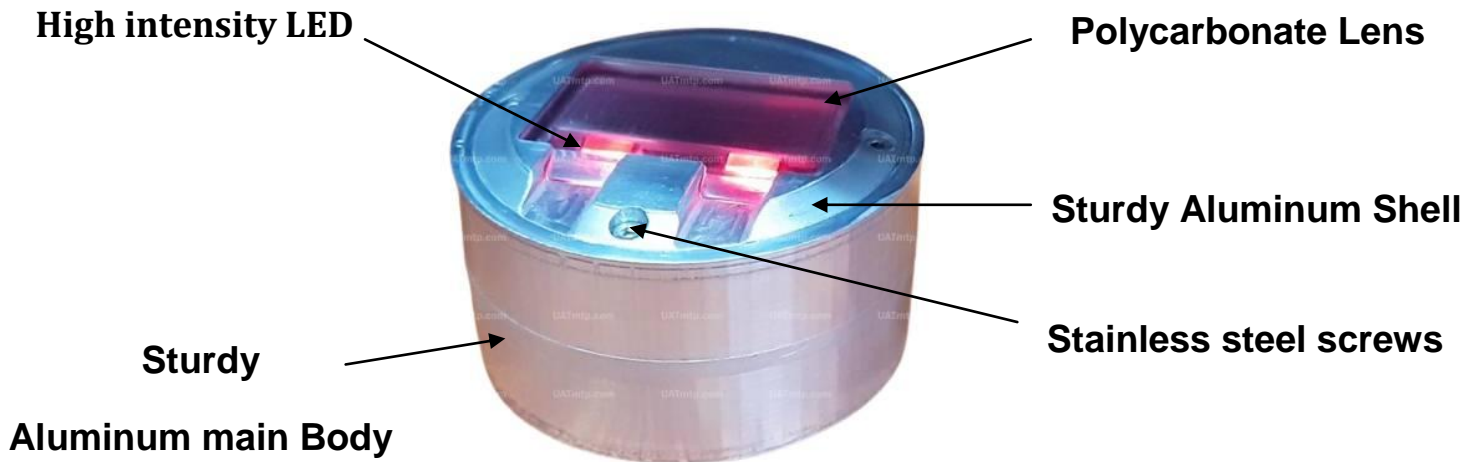
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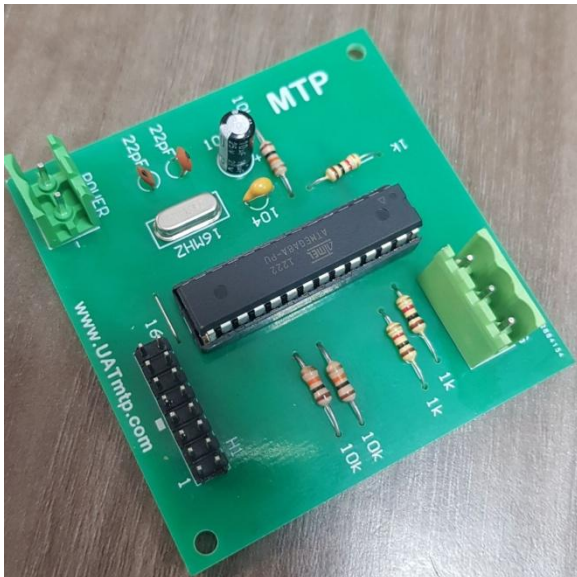
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Structure



Controller (MTP Brand)



- Can be synchronized wirelessly with Flashing Light Signal.
- Capable of functioning as a Stand-alone system.
- Capable of functioning as a group system in one junction.
- Adjustable LED flashing rate.
- Low power consumption.
- Solar powered system.
- Compatible with all colored led (Red, Green, Yellow or White).
- Automatic activation during nighttime.

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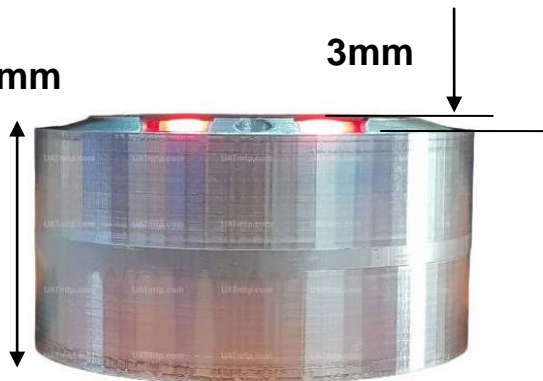
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Dimension

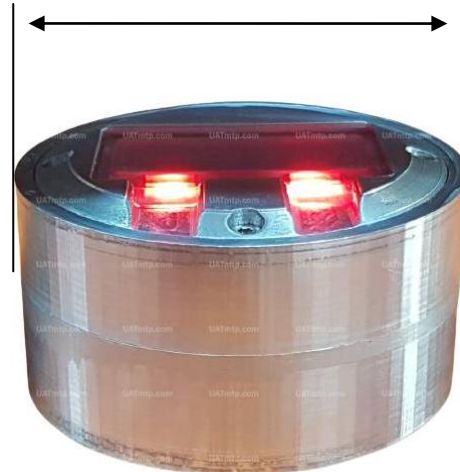


55mm

3mm



110mm



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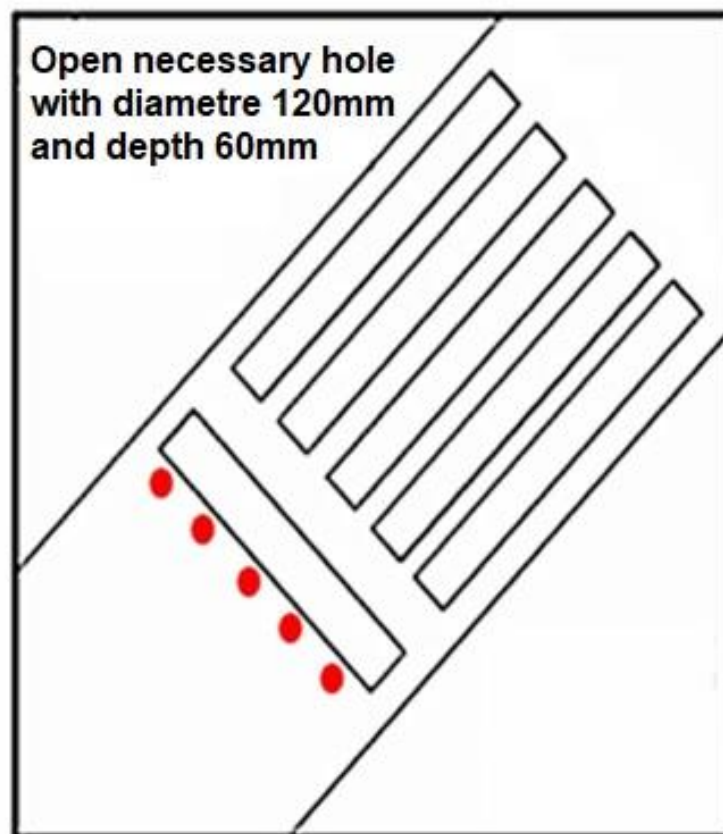
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Installation Guide

Installation:

Eleven Steps to Installation:

- 1- Before installation, isolate the work area with road barriers and make sure all safety rules are strictly followed.
- 2- Determine the location of installation, and then make holes.
- 3- Ensure the installation road is crack free and is leveled.
- 4- Open the necessary holes with diameter 120mm, depth 60mm
- 5- Dry the hole with a blowtorch and clean all the structure.
- 6- Pour the glue into the road stud hole and seal the protective tube.



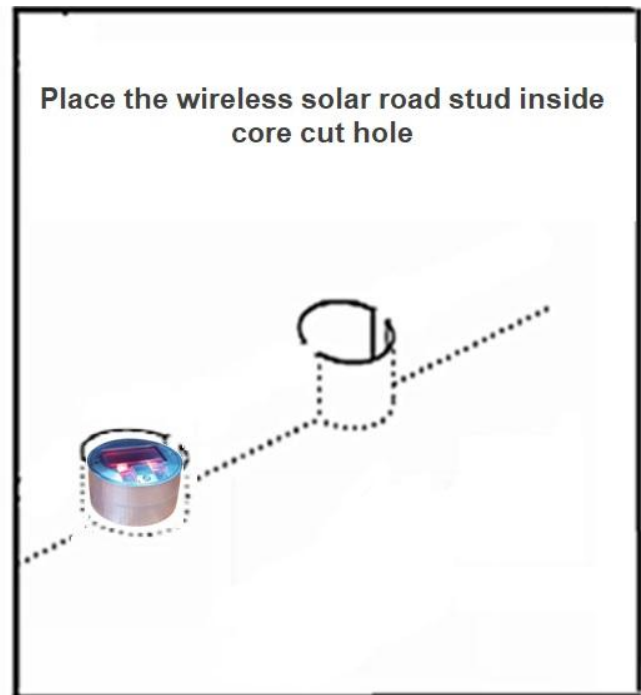
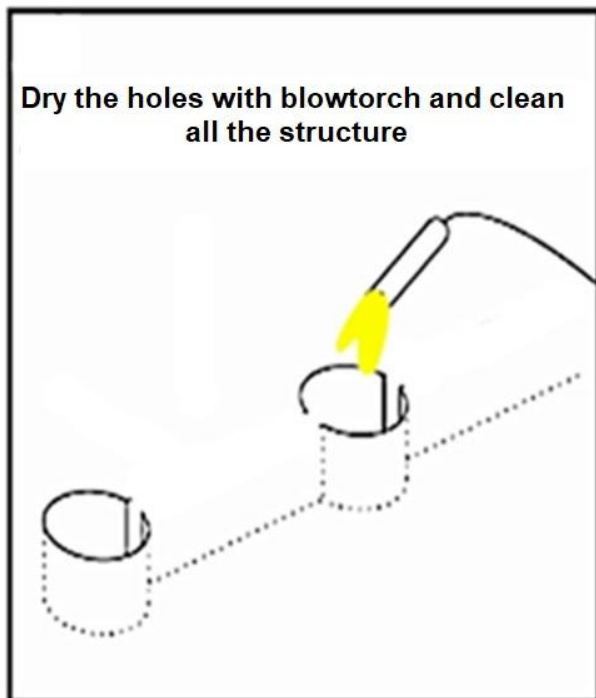
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7- Put Wireless solar road stud inside the hole.

8- Ensure they are at the right angle.

9- Excess glue must be cleaned and make sure that it do not cover the road stud.

10- Please check after two hours of installation and ensure that all of the Road stud are leveled and not loaded askew.

11- After six hours of installation please remove all isolations.

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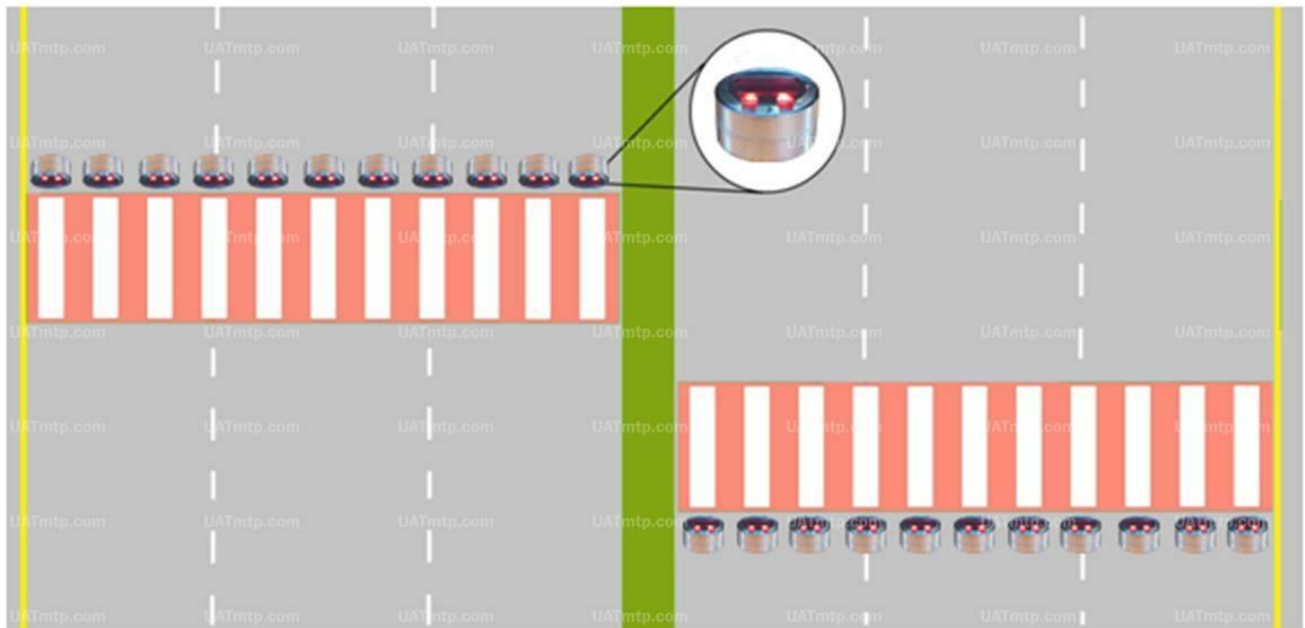
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ROAD STUD FOR PEDESTRIAN CROSS WALKING AREA



LED Road studs are very useful road safety products on the road and have powerful advantages. Solar road stud are powered by solar energy.

The solar road studs on the zebra crossing provide good visibility during nighttime or under foggy weather conditions.

Drivers can learn about pedestrian traffic conditions in advance within a safe distance, and take avoidance measures.

Our road studs are cable-less and therefore easy and quick possibility makes pedestrian cross the road more safely.

Road studs are also beneficial for humps especially at night as it would enable the driver to see hump from far and take action accordingly.

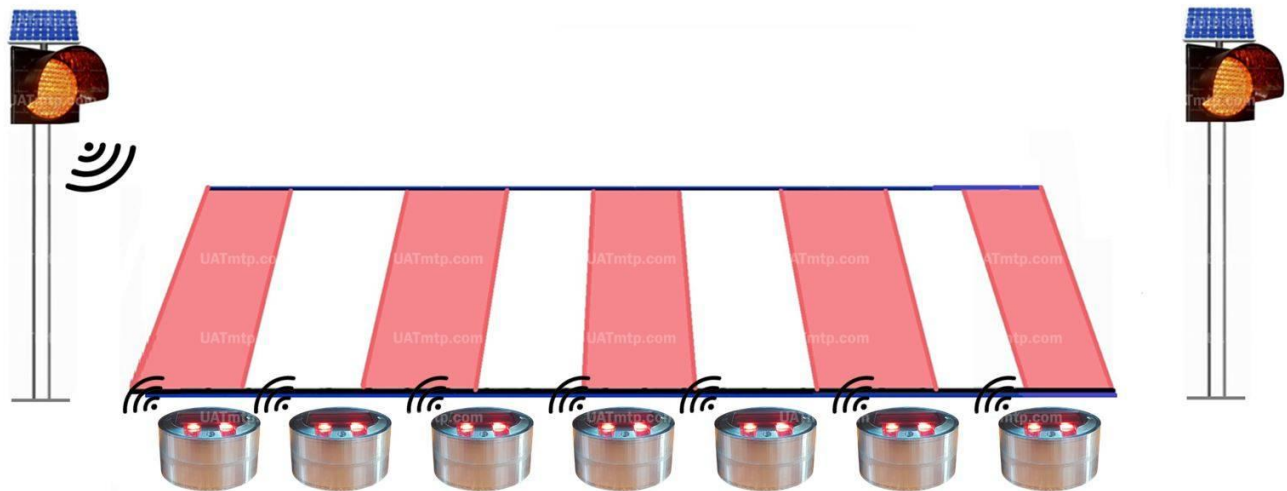
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We manufactured our LED road stud that can be wirelessly synchronized with sideways flashing light signal. It does not require any wiring so it is easy to install.

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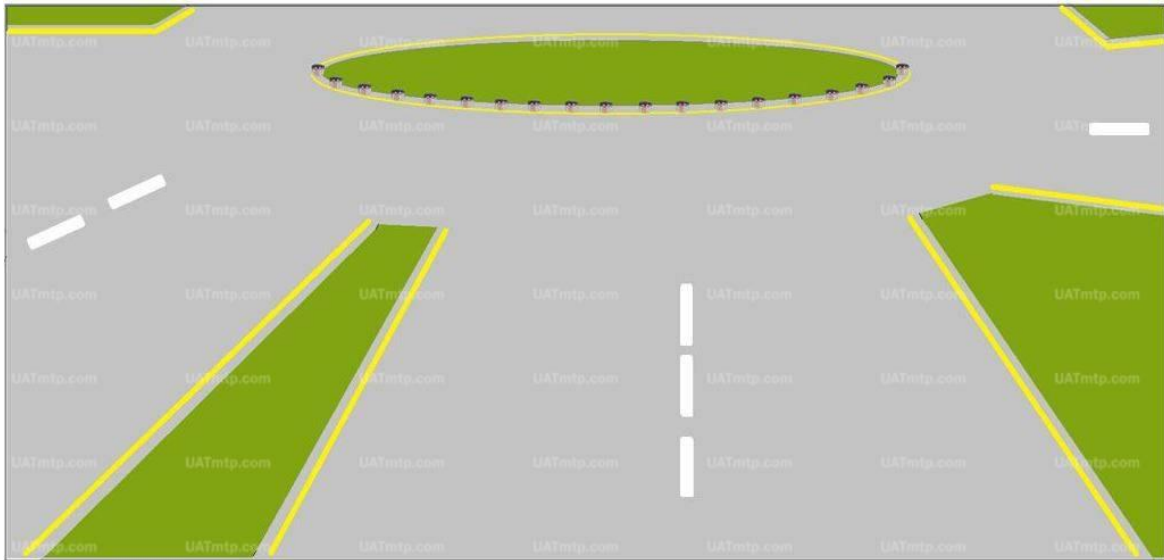
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ROAD STUD FOR ROUNDABOUT



Roundabouts are proven to reduce the numbers of fatal collisions as compared to cross-junctions, but a side effect is that they can sometimes increase the total number of accidents due to the complexity of the layout.

Sometimes the driver can struggle to interpret road markings and signs promptly and can lose lane discipline it is hoped the new studs will solve this problem.

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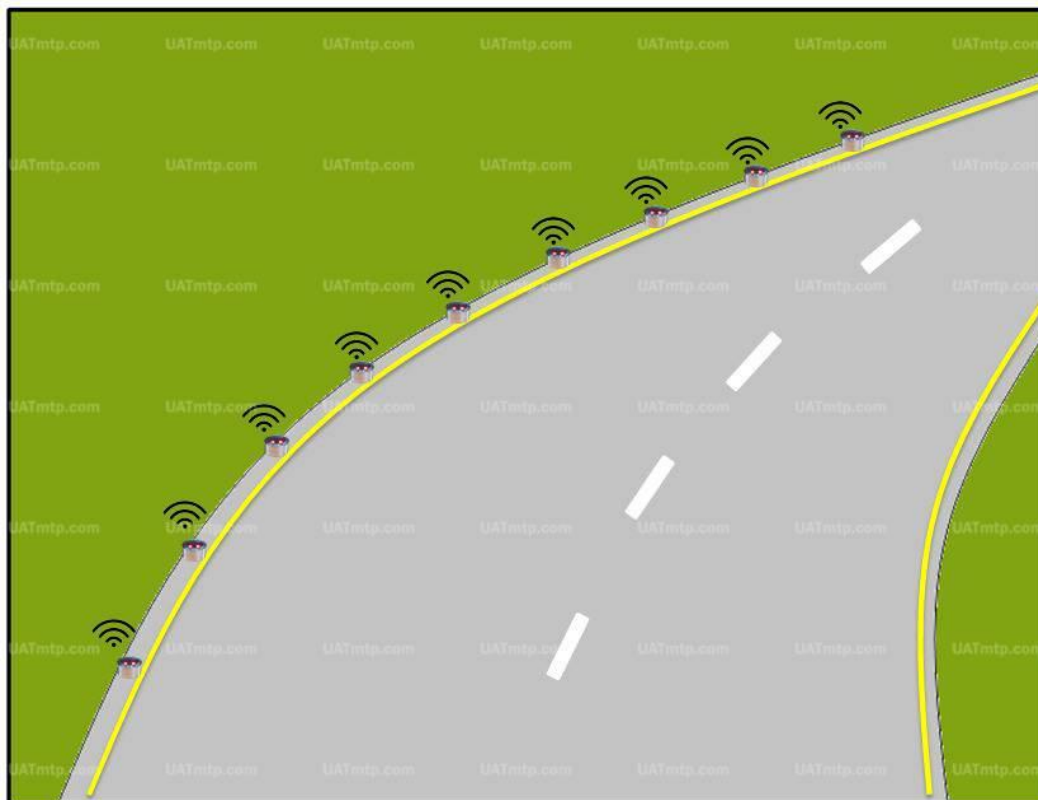
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Therefore, in order to overcome collision and lane transgression MTP introduces “**ROUNDAABOUT ROADSTUDS**”, this road stud would increase visibility rate, making it easier for the driver to interpret pathway through the roundabout. Furthermore, this road stud would also reduce the likelihood of traffic collision.



The road stud light reflects with car's headlights. Curved area installation would increase visibility allowing the drivers to identify the curves from far, which would eventually increase driver's safety.

Our road studs are equipped with wireless synchronization technology that enables all led to blink in a synchronized manner.

This makes road stud very effective at roads that are poorly lit.

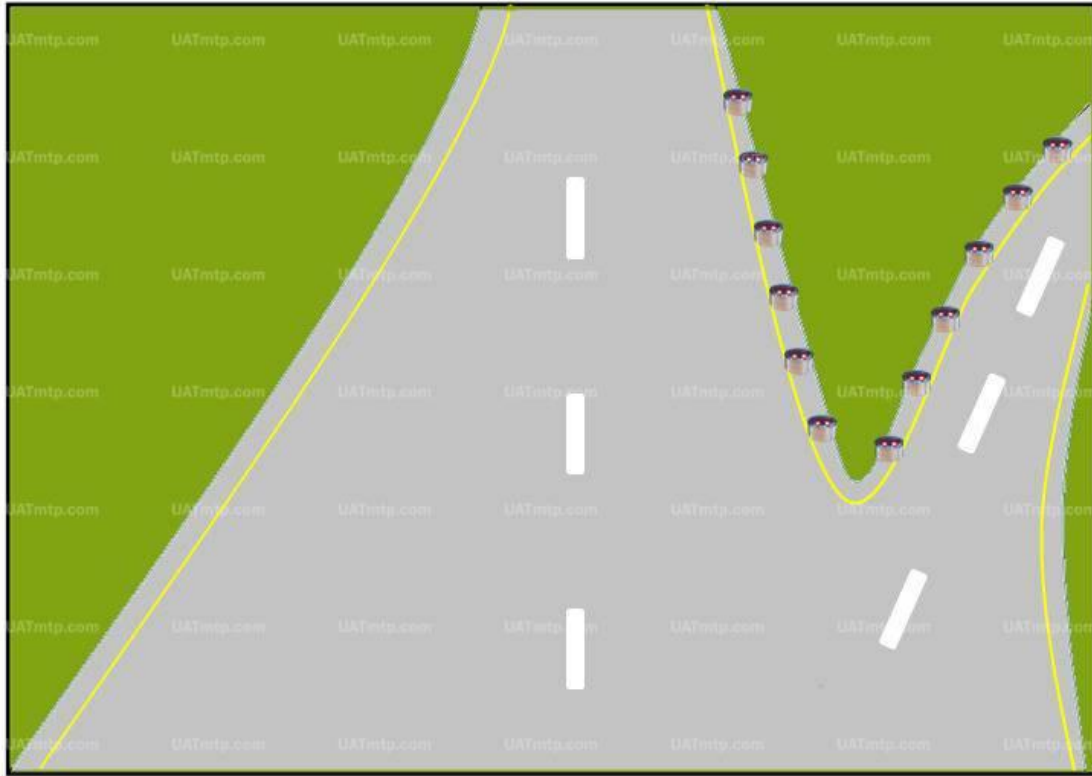
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The road stud light reflects with car's headlights. Exit area installation would increase visibility allowing the drivers to identify the exit from far, which would eventually increase driver's safety.

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