

**PERMISSIBLE INDEPENDENT LICENSE  
PLATE READER CONFIGURATION**

**GENERAL NOTES:**

ONLY LICENSE PLATE READER CAMERAS, PAN-TILT-ZOOM CAMERAS, SOLAR PANELS AND/OR BATTERY/CONTROL BOXES MAY BE MOUNTED ON THE PEDESTAL POST. SEE PAGE 2 OF 2 FOR FURTHER DETAILS

OTHER HARDWARE COMPONENTS SHALL BE REMOTE LOCATED IN A PULL BOX ADJACENT TO THE POLE INSTALLATION OR AT THE RIGHT OF WAY LINE

THE OWNERSHIP TAG SHALL BE FABRICATED TO LAST THE LIFE OF THE INSTALLATION AND SHALL CONTAIN THE NAME AND CONTACT INFORMATION OF THE ENTITY RESPONSIBLE FOR MAINTAINING THE INSTALLATION

 REVISION DATE: 11/25/2025

LICENSE PLATE READER  
INDEPENDENT INSTALLATION

PAGE 1 OF 2

THIS TYPICAL APPLICATION IS BASED ON MoDOT STANDARD PLANS

**APPROVED PRODUCTS LIST FOR LICENSE PLATE READER INSTALLATIONS**

**MODOT PEDESTAL BASES**

- AKRON FOUNDRY.....MODEL TS-1000-L-P
- AKRON FOUNDRY.....MODEL TS-1000-L-WP
- PELCO.....PB5336
- PELCO.....PB5337
- TRAFFIC PARTS.....TP289 X

**MODOT FUSED SLIP CONNECTORS**

- BUSSMANN.....HEB-JW-RYC

NOTE: ANY ALTERNATE POST DESIGNS MUST FIRST BE APPROVED THROUGH MoDOT'S MASH REVIEW PROCESS

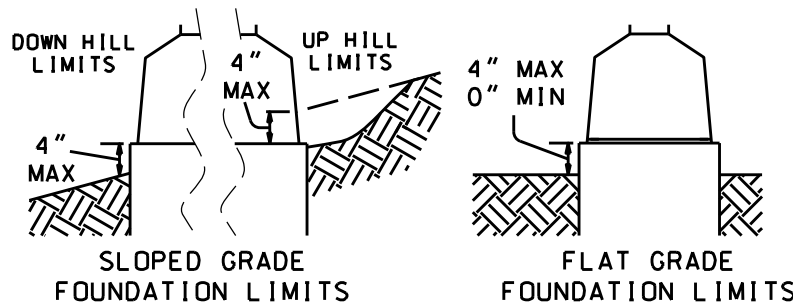
**APPROVED ALTERNATE PEDESTAL BASES**

- FREY MANUFACTURING.....CP6 SERIES

FLOCK SAFETY APPROVED LPR SUPPORTS  
*(WHICH STILL NEED TO BE INSTALLED BEHIND A BARRIER UNTIL CRASH TESTED BY OTHER LPR VENDORS)*

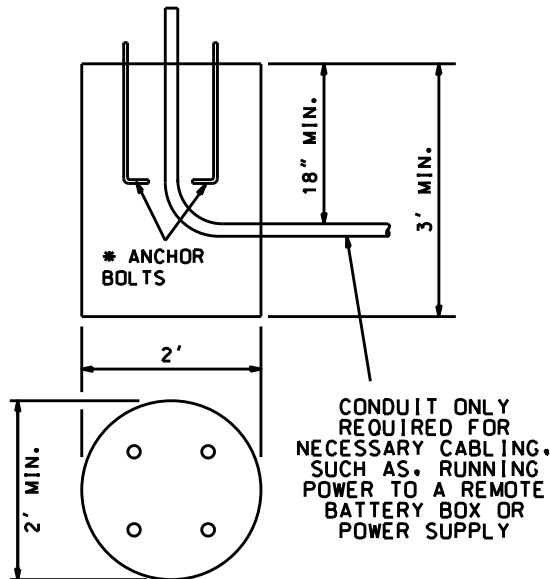
- PROVELI BREAKAWAY SYSTEM
- REDI-TORQUE BREAKAWAY SYSTEM

IN NO CASE SHALL THE CONCRETE  
BASE BE MORE THAN 4" ABOVE GRADE



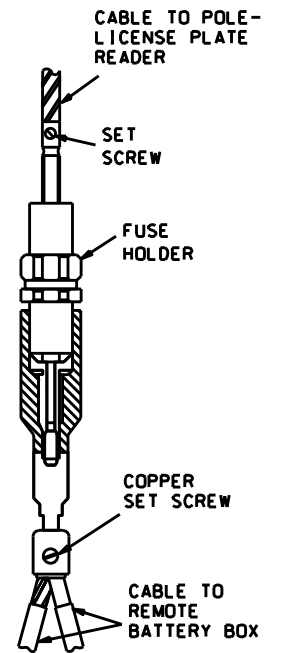
SLOPED GRADE  
FOUNDATION LIMITS

FLAT GRADE  
FOUNDATION LIMITS



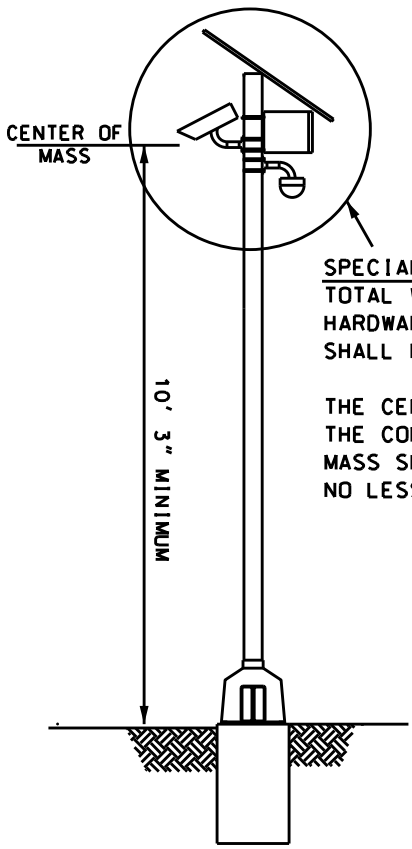
\* ANCHOR BOLT DIMENSIONS ARE SHOWN ON THE MANUFACTURER'S APPROVED DRAWINGS

TYPE C  
CONCRETE BASE



ALL CABLES ENTERING  
THE TRANSFORMER BASE  
THROUGH THE CONDUIT  
SHALL HAVE FUSED SLIP  
CONNECTORS LOCATED IN  
THE TRANSFORMER BASES

SINGLE OR DUAL  
CABLE FUSED SLIP  
CONNECTOR ASSEMBLY



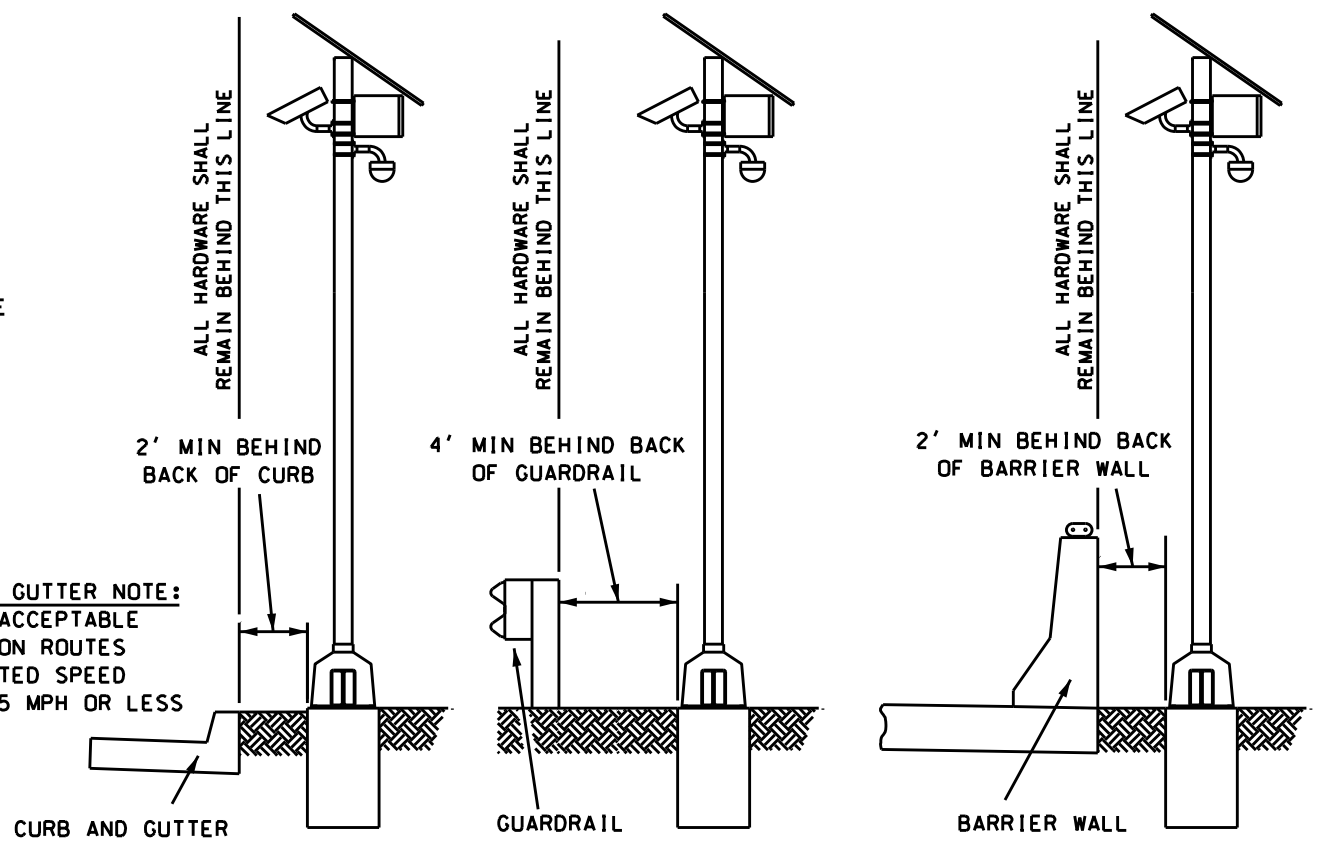
CENTER OF MASS

10' 3" MINIMUM

**SPECIAL NOTE FOR ALL CASES:**  
 TOTAL WEIGHT OF ALL  
 HARDWARE MOUNTED ON THE POLE  
 SHALL NOT EXCEED 120LBS

THE CENTER OF MASS OF  
 THE COMBINED HARDWARE  
 MASS SHALL BE  
 NO LESS THAN 10' 3"

**CURB AND GUTTER NOTE:**  
 ONLY AN ACCEPTABLE  
 BARRIER ON ROUTES  
 WITH POSTED SPEED  
 LIMITS 45 MPH OR LESS



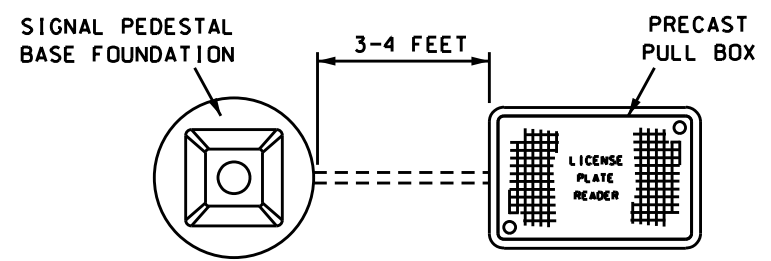
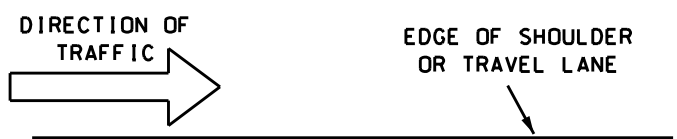
ACCEPTABLE EXISTING BARRIER INSTALLATIONS

**GENERAL NOTES:**

ALL INDEPENDENT LICENSE PLATE READERS SHALL BE LOCATED BEHIND EXISTING BARRIER AS DEPICTED ON THIS SHEET AND THE INSTALLATION SHALL BE A MINIMUM OF 50 FEET FROM THE END OF THE BARRIER. GUARD CABLE IS NOT DEPICTED AS AN OPTION DUE TO ITS 12 FOOT DEFLECTION DISTANCE.

NON-INDEPENDENT INSTALLATIONS ARE LIMITED TO EXISTING, NON-BREAKAWAY STRUCTURES ON, OR ADJACENT TO, MODOT RIGHT OF WAY

SEE MODOT EPG SECTION 941.10 FOR COMPLETE GUIDANCE ON LICENSE PLATE READER INSTALLATIONS AND PROCEDURES



BATTERY / CONTROL BOX  
 PULL BOX INSTALLATION DETAIL

**PULL BOX NOTES:**

ITEMS NOT PERMITTED ON THE POLE OR TOO HEAVY TO MOUNT ON THE POLE SHALL BE EITHER MOUNTED AT THE RIGHT OF WAY LINE OR INSTALLED BELOW GRADE IN A STANDARD MODOT PREFORMED PULL BOX IN ACCORDANCE WITH MODOT STANDARD PLAN 902.20

THE PULL BOX SHALL BE LOCATED DOWNSTREAM OF THE POLE, PARALLEL TO THE ROADWAY, LOCATED WITHIN 3-4 FEET OF THE POLE TO MINIMIZE THE LENGTH OF BURIED CABLE

THE PULL BOX LID SHALL INDICATE THE PURPOSE OF THE PULL BOX USING A DURABLE LABELING SYSTEM



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