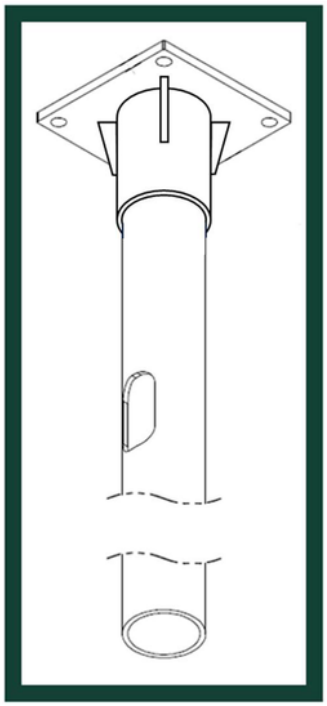
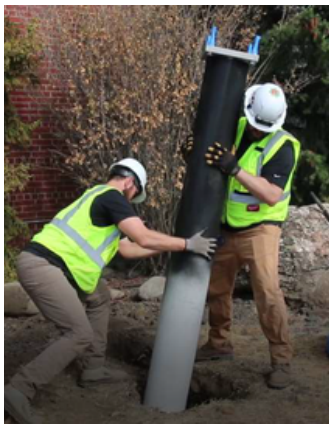
EasySet Foundation (6" OD)



Product summary:

EasyStreet Systems provides a game-changing solution for Lighting, IoT, 4G/5G small cell foundation designs, at a fraction of current construction methods.
Imagine a quick and simple way to provide a tower foundation rated from 3,000 to 9,000 foot-lbs (3-9 kip-ft) Overturning-Moment (OM) that can be installed without pouring concrete or requiring a large boom-truck. Coupled with a fast-curing 2-part foam-fill mixture widely used in the utility industry, the EasySet system allows foundation install into an 8” dia. bored-hole by 2-people where poles can be mounted in less than 1 hour with flexible options for conduit-entry.



Specifications:

Applications:	Lighting, IoT (Internet of Things), Wi-Fi, 4G/5G small cell sites
Depth Ranges:	6’ to 10’ depths based on Overturning-Moment needs (also custom). See Page 2 table for recommended depths based on soil conditions.
Weight:	6’: 50 lbs; 8’: 60 lbs; 10’: 80 lbs
Diameter:	6.0” Standard
Base Flange:	10“W x 10“D x 0.75“H non-corrosive aluminum base 4x corner-mounts (3/4-1" bolts, 8.7" to 10.3" mounting circle)
Cable-Access:	Conduit and cable-ports can be pre-configured or easily installed in the field.
Construction:	Patented composite structure with non-corrosive aluminum base.
Equipment:	Designed for Overturning-Moment capacities from 3 to 9 kip-ft (3,000 to 9,000 lb-ft)
Structural:	Analysis per TIA-222, AASHTO and local building codes.
Electrical:	Below-grade conduit-access opening available for routing power, fiber & data cables.

Contact Us
sales@easystreetsystems.com
(509) 402-1888

EasySet Foundation Sizing Chart*

(Based on soil types and overturning-moment capacity)

Non-cohesive soils							
	Soil properties			Foundation depths (ft) for listed applied moment			
	Unit weight (pcf)	Friction angle (degree)	Cohesion (psf)	2 kip*ft	4 kip*ft	6 kip*ft	8 kip*ft
Poor	90	26	0	5.75	6.50	7.00	7.50
Average	110	30	0	5.25	5.75	6.25	6.50
Good	130	34	0	4.50	5.00	5.50	6.00
Cohesive soils							
	Soil properties			Foundation depths (ft) for listed applied moment			
	Unit weight (pcf)	Friction angle (degree)	Cohesion (psf)	2 kip*ft	4 kip*ft	6 kip*ft	8 kip*ft
Poor	90	0	250	5.75	6.75	7.50	8.00
Average	110	0	600	4.00	4.50	5.00	5.25
Good	130	0	1000	4.00	4.00	4.00	4.25

Notes:
1. Foundation depth calculated for 12" dia. hole with foam backfill
2. Water table is assumed to be below the depth of the foundation
3. Frost depth is not considered

*Engineering study and data provided by Paul J. Ford professional engineering

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Base Flange Mounting Pattern

(Adapters Available upon request)