**GALVANIZED WIRE ROPE 3/4 INCH 3 X 7 CONSTRUCTION**

See Notes 1 & 2

**WIRE ROPE CONNECTION DETAIL**

See Note 3

**WIRE ROPE FIELD SPLICE CONNECTION**

See Note 4

**LINE POST FOUNDATION ON SLOPES 10:1 OR FLATTER**

See Note 10

**LINE POST FOUNDATION WITH MOW STRIP ON SLOPES 10:1 OR FLATTER**

Foundation requirements for line post applies to all systems

1. All systems are proprietary. Meet UDOT and manufacturer's requirements.
2. Wire rope:
   A. AASHTO DESIGNATION M30 ASTM A741-98, TYPE 1, CLASS A COATING.
   B. Breaking strength minimum 39,000 LB.
   C. Pre-stretch wire rope to a modulus of elasticity of 19,000,000-PSI in accordance with ISO 1219-2:1992, wire rope modulus of elasticity. No breaking or pre-stretching of the rope permitted during testing.
   D. Factory fit cable ends with 1 inch dia. threaded ends, right hand thread one end, left hand thread on opposite end.
3. Wire rope connection:
   A. Used to splice two cable ends together.
   B. Use 1 inch dia. connection as specified by manufacturer.
4. Wire rope field splice:
   A. Used to splice field cut cable ends together.
   B. Use 1 inch dia. field splice connections as specified by manufacturer.
5. Meet delineation requirements according to standard specification 02845.
6. Install cable spacers, if required, according to manufacturer's requirements. Installation of delineation on spacers is acceptable.
7. Meet manufacturer's requirement for cable height.
8. Galvanize cable, posts and hardware.
9. Construct MOW strip with bituminous or concrete material.
10. Place top of foundation so impacting vehicles do not snag on foundation.