

Electrical Cable Pull Plan

Section I: Cable Pull Description

Project Name: _____ Date: _____

Location of Pull (Point to Point): _____

Complex/Units/Areas affected: _____

Raceway Type: Conduit Cable Tray Combination

Elevation: Above Grade Below Grade Combination

Length of Pull: _____ Feet Work Required in Manholes? Yes No

Manhole Locations: _____

Section II: Personnel Involved

Company Performing Pull: _____

MPC Foreman/Coordinator: _____

Cable Pull Foreman Responsible for Pull: _____

Qualified Rigger(s): _____

Section III: Cable Pull Calculations

Cable Type: _____ Cable Size: _____ O.D.

Weight of Cable: _____ lbs./ft.

Conduit Size: _____ Inch Conduit Fill: _____ %

List Calculator Program Used: _____

Attachment #1: Provide detailed calculations for pulling tensions and sidewall pressure for each segment. **Note:** This should include, but not limited to, each segment length, bend angles, incline angles, elevation changes, bend types and bend radius.

Attachment #2: Provide a Wire Pull Diagram and/or Straight Line Drawing of the pull.

Attachment #3: Provide overall plot plan outlining of the cable pull showing its travel path. Include locations of the cable puller and cable reel.

Section IV: Rigging Design and Components

Cable Puller Manufacture, Model and Capacity: Puller #1 _____

Puller #2 _____ Puller #3 _____

Cable Feeder Used: Yes No

Attachment #4: Provide details for the anchoring system used for the cable puller and cable feeder (If anchored). This shall include the location of the cable puller(s) and cable feeder, all mounting components used and support structure it is mounted to.

Rope: Manufacture: _____ Size: _____ Rating: _____

Connection from rope to cable: Manufactured Eye: Yes No Served to Rope:

Grip: Manufacture: _____ Size: _____ Rating: _____

Swivel: Manufacture: _____ Size: _____ Rating: _____

Tray Rollers Interval? Placed: _____ Feet

Attachment #5: Provide rigging details of each point rigging will be used. This shall include all connections of sheaves, shackles, slings, lever hoists and what these items will be anchored to. Like details can be labeled as used in multiple locations.

Note: Provide vendor specification sheets showing capacities/ratings for all rigging components and pulling equipment.

Section V: Plan Preparation & Review Signatures

Prepared By: _____ Date: _____

Pulling Crew Foreman: _____ Date: _____

Construction Coordinator: _____ Date: _____

MPC E&I Engineer: _____ Date: _____

The signed copy of this plan must be with the safe work permit during the duration of the cable pull.
Once the pull is completed, turn the plan in with the closed safe work permit.