

City Approved Equipment List

March 24, 2021

The following items are approved for use in the City of Roseville:

Dynamic Message Signs (DMS)

1. Daktronics Vanguard VF-2320 RGB

Battery Backup Systems (BBS)

1. Tesco 27-22 Electrical Service with BBS

Traffic Monitoring Cameras

1. Axis- Q6135-E

Traffic Monitoring Camera 360

1. Axis Q6100-E

Traffic Signal Controllers

1. Q-Free 2070
2. Q-Free XN-1

Traffic Signal Cabinets

1. McCain "Stretch" P – See City Cabinet Specification
2. McCain 352i – See City Cabinet Specification

Traffic Signal Detectors

1. Reno Y/2-200-SS – 4 Channel
2. Reno G-200-S-2 Channel
3. Reno 222S -SS

Malfunction Monitoring Units (MMU)/Conflict Monitoring Units (CMU)

1. Reno MMU2 – 1600GE (LED Screen)
2. EDI 2018 KCLip
3. EDI 2212HV

Traffic Signal Preformed Loops

1. Reno 6 X 6 PLH
2. Reno 6 X 6 PLH-R

Emergency Vehicle Preemption Equipment

1. GTT Model #764 Discriminator

Traffic Signal Communication Switches

1. Ruggedcom RST916P

Internally Illuminated Street Names Signs (IISNS)

1. Southern Manufacturing – Clean Profile L.E.D. Sign
2. Overhead Mast Arm Bracket OMB100FIX

Light Emitting Diodes (LED)

1. GELCORE ITE Equivalent
2. Dialight ITE Equivalent
3. Leoteck ITE Equivalent

Traffic Signal 9 Inch Countdown Pedestrian Heads

1. GELCORE ITE Equivalent
2. Dialight ITE Equivalent
3. Leotek ITE Equivalent

Pedestrian Push Buttons (PPB)

1. Polara Bulldog III (Green)
2. Cambell 4-EVER (Green)

Audible Pedestrian System

1. PPB Station – Polara Intelligent Navigator iDS2-5AN1-G
2. Control Unit- Polara ICCU-S2 (P Cabinet)
3. Control Unit – Polara ICCU-C2 (332 Cabinet)

Camera Power Cable

1. Belden PN 601195
2. Lake Cable PN IM201143/7

Pull Tape

1. Fiber-TEK PN WPT1250
2. Neptco Trace Safe RT1800W (Orange)

Fiber Optic Cable

1. Corning Cable Systems ALTOS All-Dielectric Gel-Free Cables
PN XXXZU4-T4F22D20
2. Tactical Fiber OCC – D-012CSLS5km with AFL Fuse Connect
Terminations - Fuse LC9SMU-6
3. Tactical Fiber OCC – D-024CSLS5km with AFL Fuse Connect
Terminations - Fuse LC9SMU-6

Category 6 Outdoor Cable

1. Mohawk LAN – Trak OSP Category 6 PN – M57622

LED Street Lights – Traffic Signal Only

1. Leotek GC1-80F-MV-NW-3-GY-700 (400W Equiv)
2. Leotek GC1-60F-MV-NW-3-GY-530 (250W Equiv)
3. A.E.L. ATB2-40BLEDE10-120-R3-NR (400W Equiv)
4. A.E.L. ATB0-30BLEDE10-120-R3-NR (250W Equiv)
5. A.E.L. ATB2-60BLEDE10-120-R3-NR (400+W Equiv)

Signal Head Hardware

1. McCain
2. Econolite – Must install GGI Quick Change kit
3. Peek - Must install GGI Quick Change kit

Fiber Optic Splice Enclosures

1. Coyote In-Line Runt 8006951 with 80809958 Tray
2. Coyote One Dome COY1-001 with 80809958 Tray

Pull Boxes and Vaults

1. Christy Fibrelyte FL-36
2. Christy Fibrelyte FL-36/24 Inch depth (Vault)