City of Goodyear
Approved Products List
Traffic Signals

Rev:10/27/04

Approved Product List of items currently being used throughout the City of Goodyear.

CABINET AND CONTROLLER EQUIPMENT:

- TS2 Type 1 size "R" Eagle Cabinet including the following:
  - EPAC3768 M52 Controller with Ethernet port, fiber modem, NTCIP
  - EDI MMU 16E
  - EDI BIU 700
  - PS-200
  - Detector Rack
  - Shelf
  - Work Light
  - Load switches and Flashers
  - 3M 754 Selectors, 722 Optical Detectors and M138 Opticom Cable

VIDEO DETECTION:

- Trafficon VIP3. 1/d Video Processor
  - Trafficon Programming Keypad
  - Phillips Housing – LTC 9383/60
  - Phillips Sunshield – LTC 9388/00
  - Rainbow Camera/Zoom Lens
  - Kargor Universal Mount
  - EDCO Suppresser – CX06-BNC-Y
  - 5-Conductor Coaxial/Power Cable – Siamese RG59U
  - Bell Box with Conns. (Mounted)
  - Zoom Box
  - Position Fuse Block
  - BNC to 2-Wire Connector

- Alternate - Only if preapproved or directed by City:
    - Iteris Edge2-2N
    - RZ-3 Cameras with Mounting Brackets
    - LTC 9” Monitor with Belden 8281 and Custom Cable

DOME CAMERA:

- Iteris DC-100

SIGNAL EQUIPMENT:

- Eagle Polycarbonate SA Type Signal Heads with Gelcore RX-11 type LED’s. Green LED’s shall be tinted.
- Pedestrian signal heads: Overlap, Filled-in Hand/Man No. PS7-CFFI-01A.
- Countdown pedestrian signal shall include filled in hand man including two rows of number characters.

PEDESTRIAN PUSHBUTTONS:

- Shall be Polara type Bulldogs with latching option including sign R10-3B.

UPS SYSTEMS:

- Clary system:
  Shelf-mounted unit including the following:
    - SP1250 – PDN Plus
    - OP72C Battery Bank and Battery Cable
    - SP-14E1
    - UPS Unit
    - SBO 302 Bypass Switch

ILLUMINATED STREET NAME SIGN:

- Fluoresco 3M High Intensity sheeting with graffiti sheathing

SIGNAL STRUCTURES:

- TA Caid, based on current City of Tempe standard details & specifications

INTERCONNECT CONDUIT:

- Two 2” Sch 40 PVC over two 1” Sch 40 PVC in Quad formation

FIBER OPTIC CABLES:

- Trunk Cable: 96SMFO, loose tube, Siecor, with fusion splices
- Branch Cable: 12SMFO, loose tube, Siecor, with connector to controller

METER PEDESTAL:

- Pacifc Utility Products, NEMA 3R Cabinet, Cat. No. USP-M100-112CTB with lighting contactor and PEC