

TRAFFIC INTERCONNECT
From Controller @ Central & St Paul
Continuous run to Controller @ S.E. cor
Central & Meridian. Use new signalization
boxes and conduit runs to route Traffic
Interconnect to new controller

Sta 1+612.0, 11.6m Rt (SL)
Cut new Loop and connect to
exstg Junction box. Junction box
installation in conjunction with
KDOT Proj #87 N 0094 01
Central Ave - West to Mclean

Sta 1+628.7, 12.0m Rt (SL)
Cut new Loop and connect to
exstg Junction box. Junction box
installation in conjunction with
KDOT Proj #87 N 0094 01
Central Ave - West to Mclean

Sta 1+642.9, 14.2m Rt (SL)
Cut new loop and install new
Traffic Manhole

Sta 1+645.3, 15.6m Rt (SL)
Install 2 Pedestrian Pushbuttons w\ signs
Install 50mm Rigid Conduit to Service Box

Sta 1+648.4, 19.0m Rt (SL)
Install Std SII Signal Pole (13.0m M\A)
JOINT USE POLE (10.7m)
Install 50mm Rigid Conduit to Service Box

Sta 1+648.6, 20.1m Rt (SL)
Install Traffic Manhole

Sta 1+641.4, 13.8m Lt (SL)
Install Std SII Signal Pole (12.0m M\A)
JOINT USE POLE (10.7m)
Install 2 Pedestrian Pushbuttons w\ signs
Install 50mm Rigid Conduit to Service Box

Sta 0+019.2, 4.4m Lt (BL C)
Cut new Loops and install New
Traffic Manhole

Sta 0+048.7, 0.11m Rt (BL C)
Cut new Loop and Install New
Junction Box

Sta 0+091.0, 1.7m Lt (BL C)
Cut 2 new Loop and Install
New Junction Box

Sta 0+062.6, 11.4m Rt (BL B)
Cut new Loop and install new
Junction Box.

Sta 0+088.2, 7.9m Rt (BL B)
Cut new Loop and install new
Junction Box.

Sta 0+092.4, 14.0m Rt (BL B)
Install Std Type 170 Controller per City specs.
Power location to remain as per existing
signalization. Install new Power Supply Ass'y.

Sta 0+0114.8, 1.7m Lt (BL B)
Cut new Loop and install new
Traffic Manhole

Sta 0+120.5, 7.1m Rt (BL B)
Install new Traffic Manhole

Sta 0+124.3, 8.0m Rt (BL B)
Install Std SII Signal Pole (13.0m M\A)
JOINT USE POLE (10.7m)
Install 2 Pedestrian Pushbuttons w\ signs
Install 50mm Rigid Conduit to Service Box

Sta 1+683.3, 0.45m Rt (SL)
Cut new Loop and install new
Junction Box.

Sta 1+675.5, 10.4m Lt (SL)
Install Std SII Signal Pole (11.0m M\A)
JOINT USE POLE (10.7m)
Install Pedestrian Pushbutton w\ sign
Install 50mm Rigid Conduit to Service Box

Sta 1+676.1, 14.8m Lt (SL)
Install Traffic Manhole

Sta 1+676.9, 3.8m Lt (SL)
Install Traffic Manhole

Sta 1+678.9, 3.9m Lt (SL)
Install Red Signal w\ Push-
button and Sign.

Sta 0+164.5, 2.4m Lt (BL B)
Install Traffic Manhole

Sta 1+697.4, 7.1m Lt (SL)
Cut new Loop and install new
Junction Box.

Sta 0+162.8, 1.0m Rt (BL B)
Install Std Ped Signal Pole
Install Pedestrian Pushbutton w\ sign & W11A-2
Install 50mm Rigid Conduit to Service Box

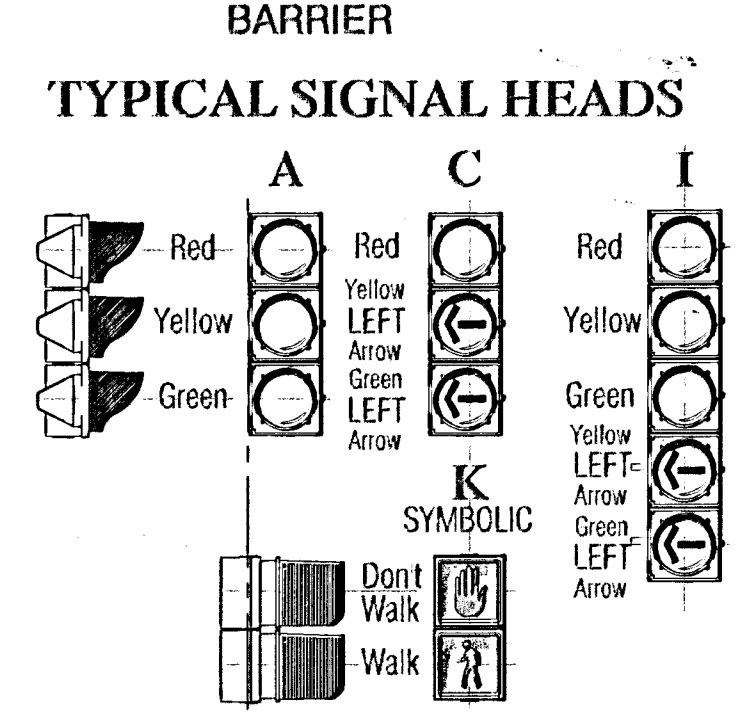
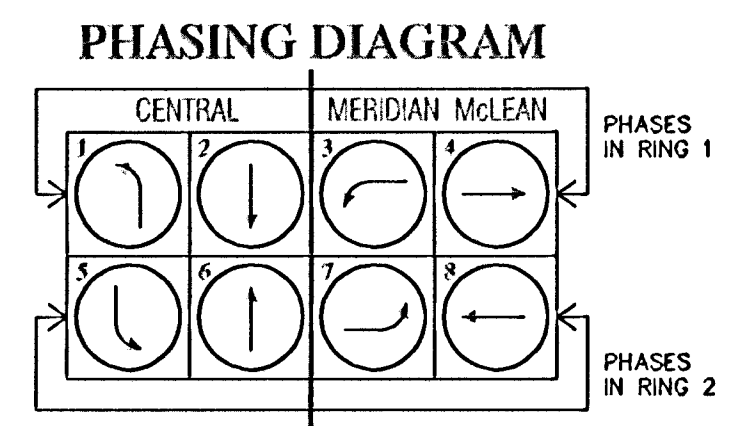
Sta 0+176.6, 2.0m Rt (BL B)
Install Traffic Manhole

Sta 1+709.7, 15.1m Lt (SL)
Cut new Loop and install new
Junction Box.

Sta 0+176.7, 3.0m Rt (BL B)
Install Std SII Signal Pole (6.0m M\A)
JOINT USE POLE (10.7m)
Install Pedestrian Pushbutton w\ sign & W11A-2
Install Std Side of Pole Type Controller
Install 50mm Rigid Conduit to Service Box

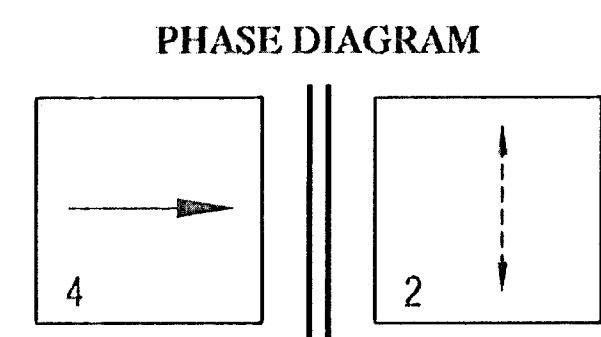
VEHICLE DETECTOR SUMMARY

| LOOP NO. | LOOP SIZE W x L (Meters) | NUMBER OF TURNS | DETECTOR SETTING | PHASE CALLED |
|----------|--------------------------------|-----------------------|---------------------|-----------------|
| E1 | 1.8m x 15.0m | 2-4-2 | PRESENCE | 1 |
| E2 | 5.0m x 1.8m | 4 | PULSE | 6 |
| E3 | 5.0m x 1.8m | 4 | PULSE | 6 |
| S1 | 1.8m x 15.0m | 2-4-2 | PRESENCE | 7 |
| S2 | 4.0m x 1.8m | 4 | PULSE | 4 |
| S3 | 2.0m x 1.8m | 4 | PULSE | 4 |
| S4 | 1.8m x 1.8m | 4 | PULSE | 4 |
| W1 | 1.8m x 15.0m | 2-4-2 | PRESENCE | 5 |
| W2 | 5.0m x 1.8m | 4 | PULSE | 2 |
| W3 | 5.0m x 1.8m | 4 | PULSE | 2 |
| N1 | 1.8m x 15.0m | 2-4-2 | PRESENCE | 3 |
| N2 | 1.8m x 15.0m | 2-4-2 | PRESENCE | 3 |
| N3 | 1.8m x 1.8m | 4 | PULSE | 8 |
| N4 | 1.8m x 1.8m | 4 | PULSE | 8 |
| N5 | 1.8m x 1.8m | 4 | PULSE | 8 |



LEGEND

- Light Pole
- Power Pole
- #E3 Loop Number
- ↓ Signal Head (w/ Backplate)
- (XX.Xm) Mast Arm (Length)
- ↔ Signal Pole w/ Pedestrian Signal
- TMH Traffic Manhole
- T-CTR Controller
- 20mm RGC
- 30mm RGC
- 50mm PVC (KG&E)
- 50mm PVC (Light Columns)
- 50mm RGC
- 50mm RGC (Interconnect)
- 75mm RGC
- JBox Junction Box
- PS Power Supply Assembly
- Overhead Mount
- Street Name
- Street Name
- D-3



METRIC