

## New/Replacement Cabinet Projects:

### 10th St. & Washington Blvd.:

- 1) Set up cabinet in shop
- 2) Labeled all equipment and video cabling in cabinet
- 3) Thoroughly tested cabinet in shop
- 4) Annotated cabinet drawings with specific information regarding setup for this intersection
- 5) Insured cabinet had accurate information on the cabinet door as to phasing, cameras and specific connections for special signals (flashing yellow arrows)
- 6) Updated "as built" drawings with new information as to location of equipment, poles and conduits; annotated actual contents of conduits installed

### 9th St. & Washington Blvd.:

- 1) Set up cabinet in shop
- 2) Labeled all equipment and video cabling in cabinet
- 3) Programmed signal controller
- 4) Thoroughly tested cabinet in shop
- 5) Annotated cabinet drawings with specific information regarding setup for this intersection
- 6) Insured cabinet had accurate information on the cabinet door as to phasing and cameras

### 8th St. & Washington Blvd.:

- 1) Set up cabinet in shop
- 2) Labeled all equipment and video cabling in cabinet
- 3) Programmed signal controller
- 4) Thoroughly tested cabinet in shop
- 5) Annotated cabinet drawings with specific information regarding setup for this intersection
- 6) Insured cabinet had accurate information on the cabinet door as to phasing and cameras

### 7th St. & Washington Blvd.:

- 1) Set up cabinet in shop
- 2) Labeled all equipment and video cabling in cabinet
- 3) Programmed controller (with assistance -- special programming)
- 4) Thoroughly tested cabinet in shop
- 5) Annotated cabinet drawings with specific information regarding setup for this intersection
- 6) Insured cabinet had accurate information on the cabinet door as to phasing, cameras and specific connections for special signals (flashing yellow arrows)

### Fairfax Trafficway and GM Plant Entrance (in work when terminated):

- 1) Set up cabinet in shop
- 2) Labeled equipment in cabinet
- 3) Programmed controller
- 4) Tested cabinet in shop
- 5) Annotated cabinet drawings with specific information regarding setup for this intersection
- 6) Insured cabinet had accurate information on the cabinet door as to phasing

## Specific Intersection Repair Projects:

### 1) 12th & Argentine Blvd./Miami St.:

When I went to change a pedestrian "Don't Walk" bulb, found out a phase controlling the intersection's exclusive pedestrian signal (all 5 directions come to a stop when this pedestrian signal gives a "Walk" signal) was not working. After investigating the cabinet and not finding the problem, went back to the shop to investigate further in paperwork for the intersection -- turns out the cabinet installed there was replaced due to a fire, and the replacement cabinet's paperwork was not current with what was installed. Senior signal technician went to intersection to investigate, initially could not find the problem. Upon further investigation, found out a junior signal technician had replaced the controller with one from Operation Green Light and the phase controlling the pedestrian signal was not turned on in the programming of the controller. Once senior signal technician turned the phase on in the controller the system operated as designed.

### 2) 10th Street & Kansas Avenue:

Discovered a pedestrian call button was constantly calling the north/south phase. Was able to determine the button in question was the one on the southwest corner. Replaced pedestrian crossing button for northbound phase on the southwest corner, returning it to normal operation.

### 3) 13th & Washington Blvd.:

When changing pedestrian bulbs, found pedestrian call button on west side of the street was not functioning. Upon further investigation, found a wire in the base of the pole to the call button was broken. Repaired wire and returned the pedestrian call button to normal operation.

### 4) 29th & Minnesota Avenue:

Found green traffic light on pole was not operating. Discovered no power at bulb socket; when bottom cover at pole was opened discovered extremely corroded and broken terminal strip. Referred this to higher authority and assisted with work at intersection when "46" crew arrived. Successfully repaired by "46" crew.

### 5) Rainbow Blvd. & 43rd Avenue:

"Don't Walk" signal bulb had been replaced twice, each time a broken bulb was discovered. I found that there was a hole in the top of the front cover/lens housing allowing water intrusion and this was causing the bulb to break. Repaired cover with patching pad and electrical tape.

### 6) State Ave. & 5th St.:

Discovered over half of the 16 pedestrian bulbs at this intersection were out, replaced all. Also found the eastbound pedestrian call button on the southwest corner of the intersection was not operating, was able to repair the broken wire at the base of the pole, bringing it back to operating normally.

### 7) 68th/Kansas Avenue & K-32:

Found traffic control camera module malfunctioning, was able to determine the camera was operating normally. Replaced the module and reinstalled the programmed "loops" for traffic control in the replacement module. Noted possible problem with a lightning arrestor in the cabinet, reconnected camera input and output to an unused arrestor. Made notation in cabinet as to what was done.

### 8) Rainbow Blvd. & Adams St.:

Assisted senior signal technician in reaiming and refocusing the westbound (facing east) camera to eliminate call problems reported at this intersection.

9) I-635 & Parallel Parkway:

With assistance from "46" crew, replaced two traffic control camera coaxial connectors at this intersection.

10) Parallel Parkway & 55th St.:

With assistance from "46" crew, replaced a traffic control camera coaxial connector at this intersection.

11) Leavenworth Rd. & 99th St.:

Was sent to determine if in-pavement traffic detection loops were actually being used at this intersection; found out most were replaced by detection cameras, but "advance detection" loops were still present. Successfully deactivated these in the cabinet by direction of Working Foreman by turning off the detection loop module, these loops were destroyed during the subsequent repavement operation and would have been giving constant calls had they not been deactivated in the cabinet.

12) Sunshine Rd. & 7th St.:

Noticed traffic being signaled for northbound when no traffic existed. Upon investigating the cabinet, found detection loops were calling even when no traffic existed. Was able to determine that a signal loop for northbound traffic was not functioning, thus causing the detection module to "call" due to no signal. Turned off the detection loop module in the cabinet, allowing the intersection to function more accurately. Also noted the loop needed to be replaced to Working Foreman.

13) 57th St. -- Crossing Signal at Lindbergh Elementary School:

Replaced broken green light lens on southbound signal.

14) Fairfax Trafficway & Quindaro Blvd.:

Found northbound pedestrian signal on northeast corner severely damaged. Replaced bulbs, repaired to the best of my ability and available supplies, wrote repair ticket to replace signal assembly (still pending at last check).

15) 18th St. & Parallel Parkway:

Stripped out fiber optic cable for splicing at this intersection.

16) K-32, east of 65th St.:

Discovered speed limit warning lights were not operating. Found there was no power at the control box, referred it to "46" crew and stood by while wires to the box were repaired.

17) Quindaro Blvd. & 13th St.:

Found southbound pedestrian signal out of alignment on southeast corner. Was able to loosen mounting screws and reposition signal to proper alignment.

18) 5th St. -- North of Parallel Ave.:

Replaced "Walk" lens in eastbound (west side of street) pedestrian signal -- vandalism damage.

19) Minnesota Ave. & Washington Blvd.:

Discovered traffic lights were flashing well past time for normal operation -- this intersection goes on "flash" from approximately 11PM to 6AM. While assisting senior traffic signal technician, found wire in bottom of pole on northwest corner had a broken wire shorted to another wire; was repaired and this returned the intersection to normal operation.

20) Parallel Parkway, east of 29th St.:

Assisted with stripping out of fiber optic cable at this cabinet, also assisted with fiber optic splicing at this cabinet.

21) 10th St. & Walker Ave.:

Performed repairs on pedestrian signal on northwest corner (westbound signal, bullet hole in housing).

22) 18th St. & Grandview Blvd.:

Performed repairs on pedestrian signals on northwest (westbound -- crack in housing) and southwest corners (southbound -- hole in housing).

Assisted other traffic signal technicians at the following locations (among other locations, technician assisted in parentheses):

7th St. & Washington (Sisson)

7th St. & Quindaro (Sisson)

13th St. & Quindaro (Sisson, Dunn)

18th St. & Central (Castle, Dunn)

18th St. & Pacific (Sisson, Dunn)

18th St. & Ridge (Sisson)

38th St. & Park Dr. (Castle)

47th St. & State (Castle)

47th St. & Shawnee Dr. (Castle)

57th St. & State (Castle)

57th St. & I-70 (Sisson, Castle, Dunn)

57th St. & K-32 (Castle)

59th St. & Metropolitan (Sisson)

75th St. & Parallel (Castle)

68th St. & K-32 (Castle)

82nd St. & State (Sisson)

88th St. & K-32 (Castle, Dunn)

90th St. & State (Castle)

94th St. & State (Castle)

99th St & Parallel (Castle, Dunn)

110th St. & Parallel (Castle, Dunn)

118th St. & State (Castle, Dunn)

126th St. & State (Castle, Dunn)

I-435 & K-32 (Castle)

Metropolitan & Woodland (Dunn)

Rainbow & Adams (Sisson)

Rainbow & 36th (Dunn)

Rainbow & Olathe (Sisson)

Village West & Cabela Dr. (Castle)

Village West & Prairie Crossing (Castle)

Village West & Parallel (Castle)

Confirmed and/or programmed school crossing signals at the following schools:

Stony Point North

Stony Point South

Holy Name School (Southwest Blvd.)

Replaced pedestrian and/or traffic control signal bulbs at the following intersections (among others):

5th St. & Armstrong

5th St. & Richmond/Parallel Parkway

6th St. & Armstrong

6th St. & Ann

7th St. & Kindleberger

7th St. & Sunshine

7th St. & State

7th St. & Central

7th St. & Osage

8th St. & Armstrong

8th St. & Minnesota

8th St. & State

9th St. & Washington

9th St. & State

9th St. & Minnesota

10th St. & Walker

10th St. & Central

10th St. & Kansas

12th St. & Argentine

13th St. & Minnesota

13th St. & State

13th St. & Central

13th St. & Quindaro

18th St. & Grandview

18th St. & Orville

29th St. & Parallel

29th St. & Minnesota

30th St. & Strong (crossing signal)

32nd St. & State

32nd St. & Strong

38th St. & Minnesota

38th St. & Parallel

47th St. & Parallel

50th St. & State

51st St. & Leavenworth

51st St. & Parallel

55th St. & Leavenworth

55th St. & Parallel

57th St. & State

63rd St. & Parallel

78th St. & Tauomee

99th St. & Leavenworth  
Washington & Minnesota  
Rainbow Blvd. & 39th Ave.  
Rainbow Blvd. & Marty Ave.  
Rainbow Blvd. & 43rd Ave.

Additional Shop Projects:

- 1) Assisted with construction of test cabinet for current signal configurations
- 2) Devised procedures for using updated test and adjusting (zoom and focus) equipment for detection cameras
- 3) Built test cables for connecting new-design detection cameras in the shop for testing
- 4) Built additional cables to connect Eagle signal controllers to shop laptops