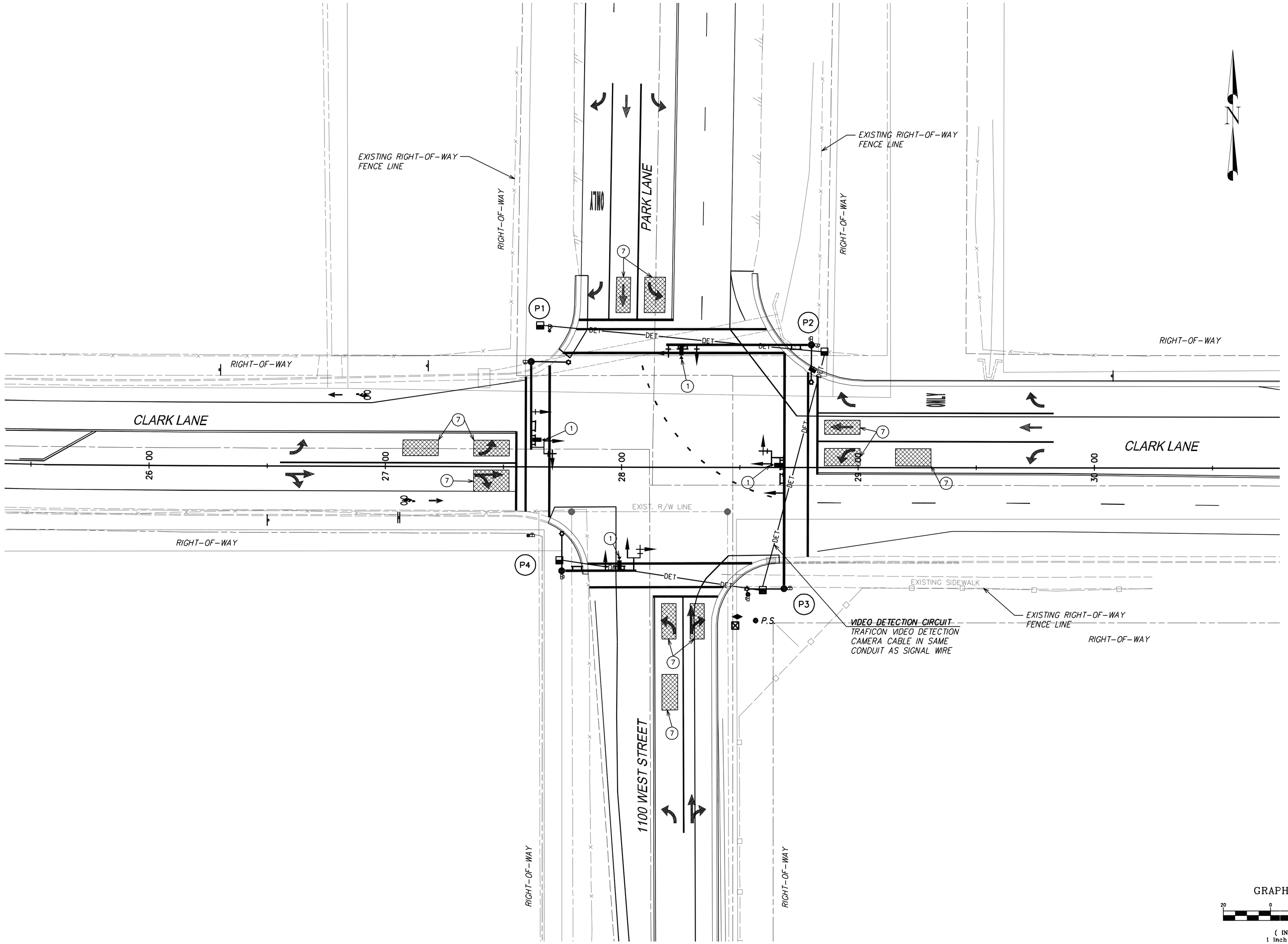
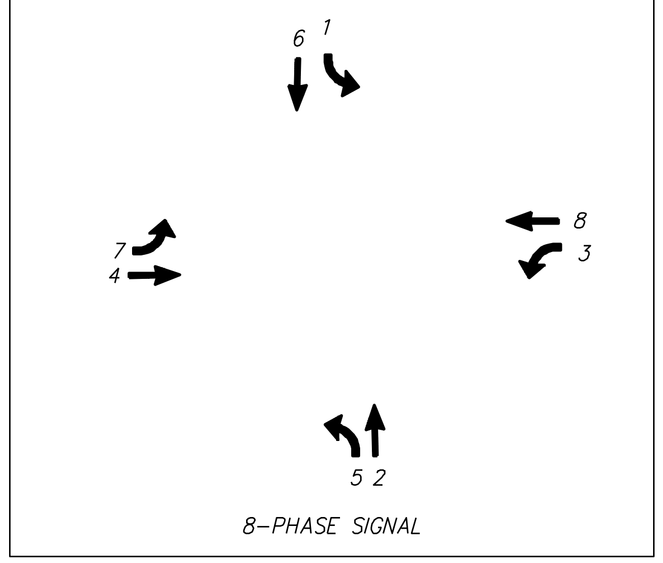


NOTES:

1. CITY FURNISHED TRAFICON VIDEO DETECTION SYSTEM (INCLUDES CAMERA AND ALL CONDUCTORS).
2. DECTECTOR ZONES ARE SHOWN FOR SET UP AND INFORMATION ONLY.
3. CONTRACTOR TO INSTALL, AIM & FOCUS CAMERAS w/ ASSISTANCE FROM FARMINGTON CITY. (SEE SG-1).
4. FOR FINAL CAMERA PLACEMENT CONTACT CRS 48 HOURS PRIOR TO INSTALLATION.
5. FOR VIDEO DETECTION CAMERAS, MOUNT ASTRO BRACKETS AND RISERS ON BACK SIDE OF MAST ARM.
6. PLACE VIDEO DETECTION CAMERA 1 FOOT OFF CENTER OF SIGNAL HEAD ON SIDE INDICATED BELOW.
7. APPROXIMATE CAMERA DETECTION ZONES. FINAL DETECTION ZONES TO BE DETERMINED BU U.D.O.T. REGION 1 PERSONNEL.
8. HORIZONTAL DIRECTIONAL DRILL CONDUITS FOR POWER AND SIGNAL/CAMERA.

NEMA PHASE DIAGRAM



8-PHASE SIGNAL

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)
1 inch = 20 ft.

VIDEO DETECTION SYSTEM CAMERAS	
POLE IDENT.	REMARKS
P1	MAST ARM MOUNTED WITH 46" RISER
P2	MAST ARM MOUNTED WITH 46" RISER
P3	MAST ARM MOUNTED WITH 46" RISER
P4	MAST ARM MOUNTED WITH 46" RISER

REV.	BY	DATE	DESCRIPTION

REGISTERED PROFESSIONAL ENGINEER 313039 MATTHEW P. HIRST STATE OF UTAH

PRINCIPAL: PAUL J. HIRST
PROJECT MANAGER: MATTHEW P. HIRST
CHECKER: MATTHEW P. HIRST
DRAWN BY: PAUL S. HATCH
SCALE: 1"=20'
DATE ISSUED: 14 APRIL 2006

CALDWELL RICHARDS SORENSEN
ANSWERS TO INFRASTRUCTURE™
2060 East 2100 South
Salt Lake City, UT 84109
Phone: (801) 359-5565
Fax: (801) 359-4272
www.crsengineers.com

FARMINGTON CITY

CLARK LANE & 1100 WEST INTERSECTION SIGNAL DESIGN

DETECTOR CIRCUIT PLAN

1100 WEST CLARK LANE — FARMINGTON, UTAH

SG-3 — SHEET 13 OF 27

05071C.01 PROJECT NUMBER

P:\05071C\01\Clark Lane Signal Design\Video\design-signal design.dwg, sg-3-detector circuit, 4/14/2006 1:17:48 PM