

Checklist Contents

- 1) INTERSECTION DESIGN:
 - 2) TRAFFIC SIGNAL CONTROLLER:
 - 3) TRAFFIC SIGNAL CONTROLLER CABINET:
 - 3.1) Load Switches:
 - 3.2) Flasher:
 - 3.3) Conflict Monitor/ Malfunction Management Unit:
 - 4) ELECTRICAL POWER SERVICE ASSEMBLY:
 - 5) SIGNAL INSTALLATION GROUNDING:
 - 6) JUNCTION BOXES:
 - 7) CONDUIT:
 - 8) SIGNAL and INTERCONNECT CABLE:
 - 9) SIGNAL POLES
 - 9.1) Mast Arm:
 - 9.2) Steel Strain Pole:
 - 9.3) Signal Pole Foundation:
 - 10) OVERHEAD EQUIPMENT
 - 11) VEHICULAR TRAFFIC SIGNAL ASSEMBLY:
 - 12) PEDESTRIAN SIGNAL ASSEMBLY:
 - 12.1) Pedestrian Features:
 - 13) VEHICLE DETECTION:
 - 13.1) Inductive Loops:
 - 14) SIGNING:
 - 15) PAVEMENT MARKING:
 - 16) SIDEWALK, CURB & GUTTER:
 - 17) REMOVAL ITEMS:
 - 18) SIGNAL TURN ON:
- APPENDIX A
APPENDIX B

1) INTERSECTION DESIGN:

	YES	NO
a) Were supplemental agreements or change orders required for signal work?	_____	_____
b) Did special provisions contain any technical special provisions?	_____	_____
c) Was equipment installed consistent with that shown on CS-201?	_____	_____
d) What type of support system is used?	_____	_____
Additional Comments: _____		

2) TRAFFIC SIGNAL CONTROLLER:

(Pub 408 Sec 952.2, 954.2, 1104.01, 1104.03)

	YES	NO
Manufacturer: _____ Model/Serial #: _____ Certification #: _____		
a) Has the controller been installed at plan location?	_____	_____
b) Are timings per plans?	_____	_____
c) Does controller receive vehicle/pedestrian calls?	_____	_____
d) Signal phasing per plans?	_____	_____
Additional Comments: _____		

3) TRAFFIC SIGNAL CONTROLLER CABINET:

(Pub 408 Sec 952.2, 954.2, 1104.01, 1104.03, 1104.05)

	YES	NO
Manufacturer: _____ Model/Serial #: _____ Certification #: _____		
a) Is the orientation of the movements consistent with plans?	_____	_____
b) Is the orientation of the movements consistent with the policy of the maintaining agency?	_____	_____
c) Do the following service switches operate per specifications?		
(1) Signals on-off	_____	_____
(2) Auto-Flash	_____	_____
(3) Aux power on-off	_____	_____
(4) Vehicle detectors	_____	_____
d) Is the police panel per the following specifications?		
(1) Auto-Flash	_____	_____
(2) Manual on-off	_____	_____
(3) Manual Jack	_____	_____

	YES	NO
e) Is the following documentation provided?		
(1) Phasing diagram		
(2) Loop chart		
(3) PennDOT Certification sticker		
(4) Controller and monitor manual		
(5) Cabinet prints		
(6) Terminal connection tag		
(7) Copy of submittal data sheet		
f) Is the peripheral equipment installed consistent with plans and submittals?		
g) Are all connections secured?		
h) Are MOV and load resistors installed on field signal and loop terminal strip correctly?		
i) Is the transient suppressor for service line installed correctly?		
j) What type of cabinet is installed?		
(Circle one): (NEMA TS1) (NEMA TS2 Type 1) (NEMA TS2 Type 2) (Type 170/2070)		
k) Is the cabinet base free from honey combing?		
l) Is the cabinet pad the correct height?		
m) Has the tech pad been installed?		
n) Has the cabinet to base connection been secured and sealed properly?		
o) Are all cables identified in cabinet?		
p) Does the conduit in the cabinet extend at least 2" above pad?		
q) Is the correct number of spare conduits supplied?		
r) Are spare conduits terminated and capped in a pull box?		
s) Have the cables runs and wiring been secured?		
t) Does the wiring present a neat and orderly appearance?		
u) Are all conduits sealed?		
v) Is the control for the illuminated street name sign installed (if applicable)?		
w) Is there a separate terminal block for loop splicing?		
x) Is the cabinet grounded in accordance with Min Spec and Standard Spec Section 620?		
y) Is the interface panel the correct type and installed properly?		
z) Does cabinet contain all equipment called for (load switches, flashers, transfer relays, detector harnesses, etc.) per contract?		

	YES	NO
aa) Are the directions of conduit stub outs marked in the cabinet base?		
bb) Are the lugs on the field signal wires?		
Additional Comments: _____		

3.1) Load Switches:

Manufacturer: _____ Model/Serial #: _____ Certification #: _____

Additional Comments: _____

3.2) Flasher:

Manufacturer: _____ Model/Serial #: _____ Certification #: _____

Additional Comments: _____

3.3) Conflict Monitor/ Malfunction Management Unit:

Manufacturer: _____ Model/Serial #: _____ Certification #: _____

	YES	NO
--	-----	----

a) Is the PennDOT certification sticker attached?		
b) Does the program card match cabinet prints?		
c) Are all cables secured?		
d) Does monitor sense conflict?		
e) Is time and date correct?		
Additional Comments: _____		

4) ELECTRICAL POWER SERVICE ASSEMBLY:

(Pub 408 Sec 956.2, 1104.07(a)3.a)

	YES	NO
a) Has the service been to the requirements of the NEC and local codes?		
b) Does the power feed have the proper clearance above any road or drive way?		
c) Is the breaker in the load center a greater value than the main in the cabinet?		
d) Are the service elements secured properly?		
e) Is the surge suppressor connected correctly?		
f) What is the voltage at the line side of the meter?		
g) Have ground rod connections been exothermically attached?		
h) Is the center of the meter can per specifications?		
i) Is service meter can and load center locked?		

	YES	NO
j) What size wire was used for service? ____AWG	_____	_____
k) Are surfaces free of scratches or damage?	_____	_____
l) Is lightning arrestor installed?	_____	_____
m) Is the black service neutral wire identified per the NEC?	_____	_____
n) Is the conduit supported per specifications?	_____	_____
o) Is the conduit terminated with ground and plastic bushings?	_____	_____
p) Is the service grounded per PennDOT specifications?	_____	_____
q) Is the disconnect per specifications?	_____	_____
r) Is the weather head higher than telephone and cable TV, and proper height bellow neutral?	_____	_____
Additional Comments: _____	_____	_____

5) SIGNAL INSTALLATION GROUNDING:

(Pub 408 Sec 1104.05 and 1101.11)

	YES	NO
a) Is all grounding per PennDOT specifications and Standard Drawings?	_____	_____
b) Were exothermic welds used to attach bonding wire to grounding electrode?	_____	_____
c) Has the contractor installed the bonding network connecting all poles back to service ground?	_____	_____
d) Has the contractor provided ground connection to the junction box cover where required?	_____	_____
e) Has the span wires been tied to the pole ground wire?	_____	_____
f) Have all pedestrian features been bonded as required?	_____	_____
g) Has the drain wire for loop returns been tied to ground?	_____	_____
h) Was a sketch showing the location of all ground nodes in intersection provided	_____	_____
Additional Comments: _____	_____	_____

6) JUNCTION BOXES:

(Pub 408 Sec 954.2, 1104.05(c)):

Manufacturer: _____	Model/Serial #: _____	Certification #: _____		
			YES	NO
a) Are lids stamped "Traffic Signal"?			_____	_____
b) If required, has the ground rod been installed?			_____	_____
c) Are covers secured to the boxes?			_____	_____
d) Where required are covers grounded?			_____	_____
e) Has the required amount of pea gravel been installed under box?			_____	_____
f) Are all conduits sealed?			_____	_____
g) Have boxes been located where required?			_____	_____
h) Have the cables in the boxes been labeled?			_____	_____
i) Are the boxes flush with surrounding grades when in concrete?			_____	_____
j) Are junction boxes installed per specifications and standard drawings?			_____	_____
l) Have the junction boxes been grounded per specifications?			_____	_____
Additional Comments: _____				

7) CONDUIT:

(Pub 408 Sec 954.2, 1104.05(a))

	YES	NO
a) Does the conduit comply with the Specifications?	_____	_____
b) Was conduit installed per plan location?	_____	_____
c) Does any conduit run have more than 360 degrees of bends?	_____	_____
d) Was an approved conduit used for above ground locations?	_____	_____
e) Was the underground service feed an approved conduit?	_____	_____
f) Was schedule 80 PVC or fiberglass conduit used on bridge decks?	_____	_____
g) Was a pull wire installed in all spare conduits?	_____	_____
h) Was expansion fittings installed on bridge conduit were required?	_____	_____
i) Was conduit installation in compliance with the NEC?	_____	_____
j) Was the size of conduit used in compliance with plans and specifications?	_____	_____
k) Are ends of metal conduit protected by a bushing?	_____	_____
l) Are all conduits sealed correctly?	_____	_____
m) Was restoration of the trench in compliance with specifications?	_____	_____

	YES	NO
n) Was all above ground conduit strapped per NEC requirements?	_____	_____
o) Is the radius of curvature of the inner edge of any bend in compliance with Standard Specifications?	_____	_____
p) Do as-builds plans reflect any deviations from plan location for the conduit runs?	_____	_____
q) Was the depth of the conduit in compliance with plans and specifications?	_____	_____
r) Were directional bores done with approved equipment?	_____	_____
s) Where underground nonmetal conduit transitions to above ground metallic conduit is there at least 6" of metal conduit underground?	_____	_____
Additional Comments:		

8) SIGNAL and INTERCONNECT CABLE:

(Pub 408 952.2, 954.2, 1104.03(f))

	YES	NO
a) Is the cable IMSA certified?	_____	_____
b) Is the color code correct?	_____	_____
c) Are all connections tight?	_____	_____
d) Was a calibrated crimper used to crimp terminals?	_____	_____
e) Were sufficient conductors supplied for present and future heads?	_____	_____
f) Was the correct strain relief device used?	_____	_____
g) Have all unused conductors been secured properly?	_____	_____
h) Have all cables been labeled in pole bases, pull boxes and cabinet?	_____	_____
i) Has the insulation on any cable or conductor been chaffed?	_____	_____
If so, list location.		
j) Has sufficient cable been coiled in the cabinet?	_____	_____
k) Are required spares been provided for in all signal and pedestrian cables?	_____	_____
l) Is there one neutral per approach?	_____	_____
m) Has Appendix B been completed in the back of this checklist?	_____	_____
Additional Comments:		

9) SIGNAL POLES

9.1) Mast Arm:

	YES	NO
a) Are the uprights plumb?	_____	_____
b) Are the leveling nuts installed?	_____	_____
d) Is the correct amount of thread exposed above the nut?	_____	_____
e) Does the end of the arm fall below the center of the arm at the attachment point?	_____	_____
f) Has the correct strain relief for the signal cable been installed?	_____	_____
g) Does the upright have a terminal compartment?	_____	_____
h) Do the bolts holding the arm to the upright have the correct reveal?	_____	_____
i) Have the signal brackets been installed properly?	_____	_____
j) Is the cable jacket intact inside the bracket?	_____	_____
k) Has the grommet been installed in the drilled cable entrance hole?	_____	_____
l) Is the head aligned correctly?	_____	_____
m) Have all the pole covers been installed?	_____	_____
n) Are there any dents or scratches that have not been repaired?	_____	_____
o) Has the mast arm been installed in the correct location and have the proper alignment?	_____	_____
p) What is the distance from head to stop bar? Min. _____ Max _____	_____	_____
q) Is the grout cap installed including drainage?	_____	_____
r) Arm securely fastened to pole?	_____	_____
s) All holes not used are plugged?	_____	_____
t) Has all mast-arm hardware been installed?	_____	_____
u) Is mast-arm assembly upright and square to the road?	_____	_____
v) Are poles installed per plans and PennDOT specifications?	_____	_____
Additional Comments:		

9.2) Steel Strain Pole:

	YES	NO
a) Was the pole secured to the foundation properly?	_____	_____
b) Is the pole free from scratches and defects?	_____	_____
c) Is the pole cap in place and secured?	_____	_____
d) Was the proper strain relief provided?	_____	_____
e) Was all hardware secured correctly?	_____	_____

	YES	NO
f) Was the pole bonded correctly?	_____	_____
Additional Comments:	_____	

9.3) Signal Pole Foundation:

	YES	NO
a) Was the foundation installed in compliance with the drill shaft plan?	_____	_____
b) Was all slurry removed?	_____	_____
c) Was the depth and size of the foundation in accordance with plans?	_____	_____
d) Was the placement of the steel cage in accordance with plans and standard drawings?	_____	_____
e) Was the concrete to steel clearance correct?	_____	_____
f) Was the proper number of conduits stubbed out?	_____	_____
g) Was the anchor bolt pattern correct?	_____	_____
h) Were the anchor bolts the right size and length?	_____	_____
i) Did the anchor bolts extend the proper height above the foundation?	_____	_____
j) Was the foundation the proper width and depth?	_____	_____
k) Did the concrete used conform to the design mix?	_____	_____
l) Was the batch time and revolutions for the mix checked?	_____	_____
m) Is the foundation grounded per PennDOT specifications?	_____	_____
n) Is the finish of the foundation top acceptable?	_____	_____
o) Does it hold water?	_____	_____
Complete chart below:		

POLES	MFG	MATERIAL	TYPE	LENGTH	QUADRANT	**
1						
2						
3						
4						
5						
6						
7						
8						

Additional Comments: _____

10) OVERHEAD EQUIPMENT

- | | YES | NO |
|---|-------|-------|
| a) Are signals weather-tight? | _____ | _____ |
| b) Have two ¼” holes been drilled in base of signal head? | _____ | _____ |
| c) Do 5 section doors open properly (swing outward)? | _____ | _____ |
| d) Is signal lamp filament in an upright position, forming a “W”? | _____ | _____ |
| e) Are all lamps the correct wattage? | _____ | _____ |
| f) Are the signal heads installed per plans? (correct number and location of signals per plans) | _____ | _____ |
| g) Are signals installed per plans and PennDOT specifications (vertical/horizontal and distance from stop bar)? | _____ | _____ |
| h) What is the distance from head to stop bar? Min. _____ Max _____ | _____ | _____ |
| i) Is at least one head for each approach between 40’ and 150’? | _____ | _____ |
| j) Is all hardware tight and secure? | _____ | _____ |
| k) Have the span wires been tensioned properly? | _____ | _____ |
| l) Has the signal cable been attached properly? | _____ | _____ |
| m) Are drip loops the correct size and secured properly? | _____ | _____ |
| n) Is there at least 8’ horizontal separation between heads facing the same direction? | _____ | _____ |
| o) Are 1-way signal heads plugged at the bottom section? | _____ | _____ |
| p) Are vehicle traffic signal lamps PennDOT certified? | _____ | _____ |
| q) Does signal head door swing open properly (downward or out to correct side)? | _____ | _____ |
| r) Lock washers installed and nuts tight, inside signal heads on brackets? | _____ | _____ |
| s) Lenses installed properly? (“TOP” on top of lens in signal head)? | _____ | _____ |
| u) Do the adjustable drop hangers have the correct overlap and number of bolts (per manufacturer’s instructions)? | _____ | _____ |

Record Signal head heights (Mast Arms)

POLE #	ARM #	1	2	3	4	5	6	7	8

Additional Comments: _____

Record Signal head heights (Span Wire)

POLE #	ARM #	1	2	3	4	5	6	7	8

Additional Comments: _____

11) VEHICULAR TRAFFIC SIGNAL ASSEMBLY:

(Pub 408 Sec 955.2, 1104.01(a), 1104.06(a), 1104.06(h))

Manufacturer: _____ Model/Serial #: _____ Certification #: _____

	YES	NO
a) Are the number and location of signals as per the plans?	_____	_____
b) Are the signals installed per the plans and PennDOT specifications (i.e. vertical/horizontal and distance from stop bar)?	_____	_____
c) Are signals within the required minimum and maximum heights per Standard Specs?	_____	_____
d) Are lenses, lamps, and visors installed in proper direction?	_____	_____
e) Do horizontally mounted signal head doors open downwards?	_____	_____
f) Are all the hardware used made of stainless steel type 304/316?	_____	_____
g) Are the Brackets securely fastened with cable tied downs?	_____	_____
h) Are all the required conductors terminated with calibrated ratchet type crimp tool?	_____	_____
i) Are all the spare conductors individually and properly capped?	_____	_____
j) Is the signal head surface free of scratches and dents?	_____	_____
k) Disconnect Hanger:		
1) Are cable entrance bushings installed in accordance with specifications?	_____	_____
2) Are unused cable entrances plugged?	_____	_____
3) Are adaptor hubs tight?	_____	_____
4) Are nuts tight and lock washers installed on tri-stud bolts?	_____	_____
5) Are the correct number of disconnects installed per plans?	_____	_____
6) Have all unused conductors in the Jones plug been secured?	_____	_____
l) Are cotter pins installed in span wire clamps?	_____	_____

	YES	NO
m) Are lock washers installed and nuts tight in span wire clamps?	_____	_____
	_____	_____

12) PEDESTRIAN SIGNAL ASSEMBLY:

(Pub 408 Section 1104.06)

Manufacturer: _____ Model/Serial #: _____ Certification #: _____

	YES	NO
a) Are the signals not less than 8' from ground and no more than 10'?	_____	_____
b) Are the pedestrian signals housing weather proof and doors open downward?	_____	_____
c) Are the pedestrian detectors at proper distances per specifications?	_____	_____
d) Is the pedestrian detector and sign pointing in the same direction as the corresponding crosswalk?	_____	_____
e) Are ped signal surfaces free from scratches and dents?	_____	_____
g) Are the correct wattage lamps installed?	_____	_____
h) Are signals weather-tight?	_____	_____
i) Are pedestrian signals installed per specifications and plans?	_____	_____
j) Are pedestrian detectors weather tight (sealant installed around mounting bolts/conduit)?	_____	_____
k) Is the pedestal installed per standard specs and drawings?	_____	_____
l) Is the correct number of signals, pedestals, signs, etc, installed per plans?	_____	_____
m) Are pedestrian detectors' locations handicap accessible and do they meet ADA requirements?	_____	_____
	_____	_____

12.1) Pedestrian Features:

	YES	NO
On tight corners are the pedestrian heads located such that the chance of a turning truck striking the head is minimized?	_____	_____
Do the indications match plans?	_____	_____
Are the pedestrian detectors in compliance with ADA?	_____	_____
Do any audio /tactile pedestrian features function correctly?	_____	_____
Do the heads line up with crosswalks?	_____	_____
Are there spares in each pedestrian signal cable?	_____	_____
Is the pedestrian clearance time sufficient to clear pedestrians?	_____	_____
Additional Comments: _____		

13) VEHICLE DETECTION:

Type of detection: _____

Manufacturer: _____ Model/Serial #: _____ Certification #: _____

	YES	NO
a) Has the contractor provided the correct documentation?	_____	_____
b) Do all detector units detect?	_____	_____
c) Are all loops (or alternate detection device cabling) labeled and attached to the correct terminals?	_____	_____
d) Are loops (or alternate detection device cabling) labeled in junction boxes and in cabinet as to location and movement number?	_____	_____

13.1) Inductive Loops:

	YES	NO
a) Were the slot for the loops and home runs cut to the proper depth per specifications and standard drawings?	_____	_____
b) Are there more than 4 home run cables in a saw cut?	_____	_____
c) Was the window installed correctly?	_____	_____
d) Was the loop window cut the proper size and sealed properly?	_____	_____
e) Was the correct wire installed (size and insulation)?	_____	_____
f) Are the loops to home run connection watertight?	_____	_____
g) Is there conduit installed from window to junction box?	_____	_____
h) Loop Sealant: (PennDOT Certification number: _____)		
Was the correct sealant used?	_____	_____
Was the sealant applied per manufacturers requirements?	_____	_____
Was the excess sealant removed?	_____	_____
i) Were the drain wires attached?	_____	_____
j) Is there an individual run for each loop back to the cabinet?	_____	_____
k) If more than one loop is connected to a detector are they connected in series?	_____	_____
l) Was this connection of multiple loops done on a separate terminal block in the cabinet?	_____	_____
m) Are adjacent loops wound in opposite directions?	_____	_____
n) Was the home run cable the correct size and type?	_____	_____
o) Were all loop parameters within tolerance?	_____	_____
p) Has the contractor provided loop data sheet?	_____	_____
q) Was an inspector present during loop cutting and while ground rod were driven?	_____	_____

	YES	NO
r) Are there any loop leads exposed?	_____	_____
s) Is the splicing of the loops in accordance with Pub 408 and standard drawings?	_____	_____
t) Are the loop lead-in bare wires terminated per contract plans?	_____	_____
u) Do all loops meet meg-ohms specification requirement?	_____	_____
v) Is the loop saw cut depth per specifications and standard drawings?	_____	_____
Additional Comments: _____		

13.1.1) Inductive Loop Detector Amplifiers:

	YES	NO
a) Have the loops been installed according to plans (i.e.; type of loop; location of loop)?		
b) Has the loop sealant been installed neatly and evenly?		
c) Has the loop wire been installed as per standard specifications, drawings and plans?		
d) Has the contractor recorded the inductance meg reading on a PennDOT Traffic Signal Resistance Measurement Data Sheet? (if yes, attach copy)		
e) Have the loops/lead-ins been spliced in accordance specifications and standard drawings?		
f) Have lead-in shields been grounded?		
Additional Comments: _____		

14) SIGNING:

	YES	NO
a) Were the street name signs installed per plans?	_____	_____
b) Was the logo correct?	_____	_____
e) Was a drip loop provided at the cable entry point (if internally illuminated)?	_____	_____
f) Was the correct cable type used to wire sign (if internally illuminated)?	_____	_____
g) Do all lamps function in illuminated signs?	_____	_____
h) Have manufacturer and date stickers been applied to back of signs?	_____	_____
i) Have galloping mitigation devices been installed where applicable?	_____	_____
j) Are sign surface free of scratches or damage?	_____	_____
k) Is all hardware stainless steel?	_____	_____
Additional Comments: _____		

15) PAVEMENT MARKING:

	YES	NO
a) Have markings been installed per plans?	_____	_____
b) Do new crosswalks line up with ped signals and handicap ramps?	_____	_____
c) Are stop bars no closer than 40' and no further away than 150' from traffic signals?	_____	_____
d) Are stop bars laid out properly in relation to vehicle loops?	_____	_____
e) Have conflicting markings been removed?	_____	_____
f) Is general appearance and clean-up acceptable?	_____	_____
Additional Comments: _____		

16) SIDEWALK, CURB & GUTTER:

	YES	NO
a) Are ramps in an accessible location?	_____	_____
b) Is concrete stamped properly (in ramps)?	_____	_____
c) Is any new concrete cracking?	_____	_____
d) Has concrete over spray been removed from painted structures, (where applicable)?	_____	_____
e) Is general appearance and clean-up acceptable?	_____	_____
f) Does new concrete installed match existing concrete (color, finish, etc.)?	_____	_____
Additional Comments: _____		

17) REMOVAL ITEMS:

	YES	NO
a) Have all existing foundations been removed entirely or lowered 2' below grade?	_____	_____
b) Have all existing pavement markings and signs in conflicts with new installation been removed?	_____	_____
c) Have all removals involving excavation been restored appropriately?	_____	_____
d) Have all abandoned junction boxes been removed and restored appropriately?	_____	_____
e) Has all clean-up, backfill, dressing, and sod work needed to make a quality job been completed?	_____	_____
Additional Comments: _____	_____	_____

18) SIGNAL TURN ON:

	YES	NO
a) Measure and record line voltage. _____		
b) Measure and compare voltage at furthestmost indication. _____		
c) Is the voltage between the two readings greater than 5% of line voltage? _____	_____	_____
d) Does the test button work on the GFI?	_____	_____
e) Verify the field wiring for each movement to insure continuity to the appropriate signal head and record any discrepancies.		
<hr/>		
f) Does police flash operate correctly?	_____	_____
g) Have all connection been checked to insure they are secured?	_____	_____
h) Do light, fan, and thermostat function correctly?	_____	_____
i) Are any of the detectors showing a fault or chattering?	_____	_____
j) Record time and date of turn on for flash and stop and go. Flash Full _____	_____	_____
k) Did the contractor have qualified personnel at turn on who could program the controller and trouble shoot the system?	_____	_____
l) Are all heads aimed correctly?	_____	_____
m) Do loops call the correct movement?	_____	_____
n) Do the pedestrian detectors call correct movement?	_____	_____

o) Measure and record the signal head to stop bar distance for each approach.

YES **NO**

APPROACH	MIN	MAX

p) Did the installation function properly at turn on?

YES **NO**

q) Was signal ready to turn on at the scheduled time?

r) Are all cables labeled and neatly arranged?

Additional Comments:

APPENDIX A

ITEMS	MFG	MODEL #	SERIAL #	TYPE	PHASE
CONTROLLER					
CABINET					
SIGNAL HEADS					
SIGNAL MONITOR					
FLASHER					
COORDINATION UNIT					
PRE-EMPT UNIT					
SIGNAL HEADS					
SIGNAL HEADS (PEDS)					
DISCONNECT HANGER					
DETECTIONS					

VENC_____ THERMOSTAT_____ FAN_____ HANDSWITCH_____ LINE FILTER_____ **


SIGNAL HEADS	1	2	3	4	5	6	7	8	9
CLEARANCE HT.									

NOTES _____

APPENDIX B

CABLE RUN IDENTIFICATION

Darken Lines Appropriate For Intersection

Draw in Cabinet Location (Symbol: )

Draw in Signal and Ped Heads, with Head Numbers - Record all Cable ID (Color or Number) - Record Conductor Size - Record Number of Conductors in each Cable

Example: Green or 1-14/12

