

SURVEYED BY _____
 SUPERVISED BY _____
 DESIGNED BY _____

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

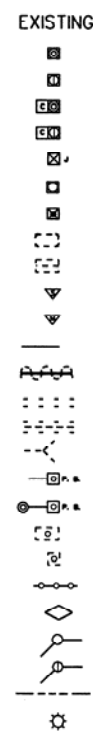
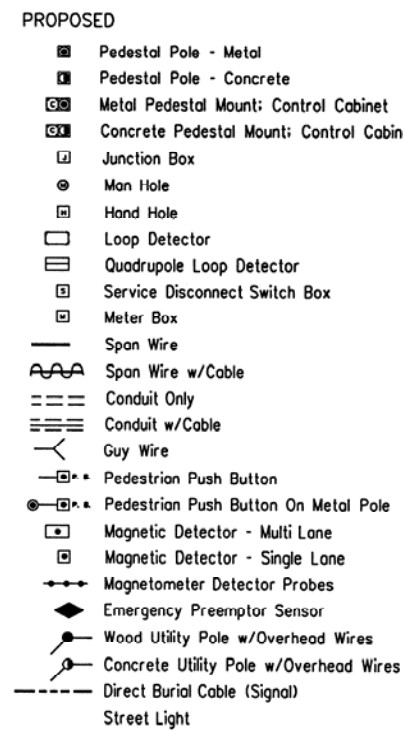
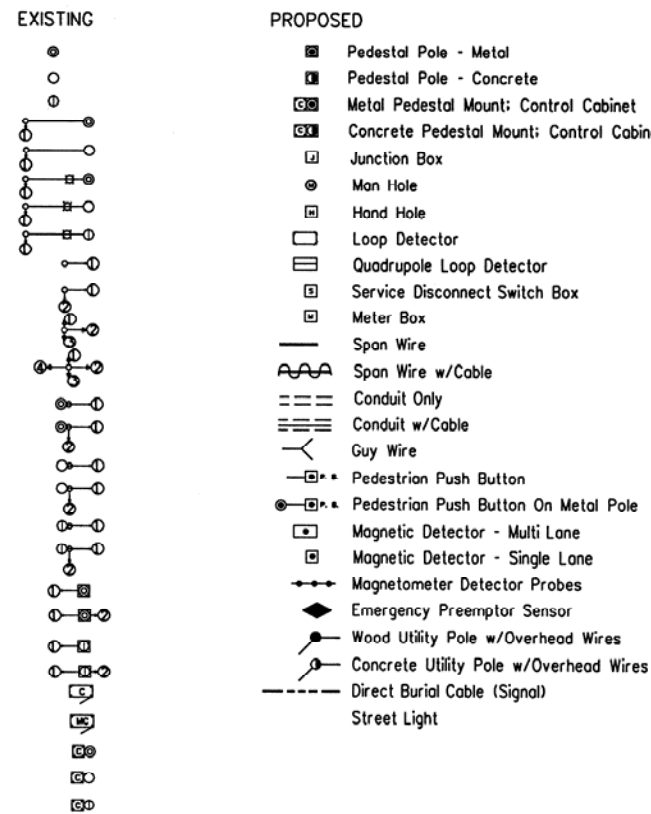
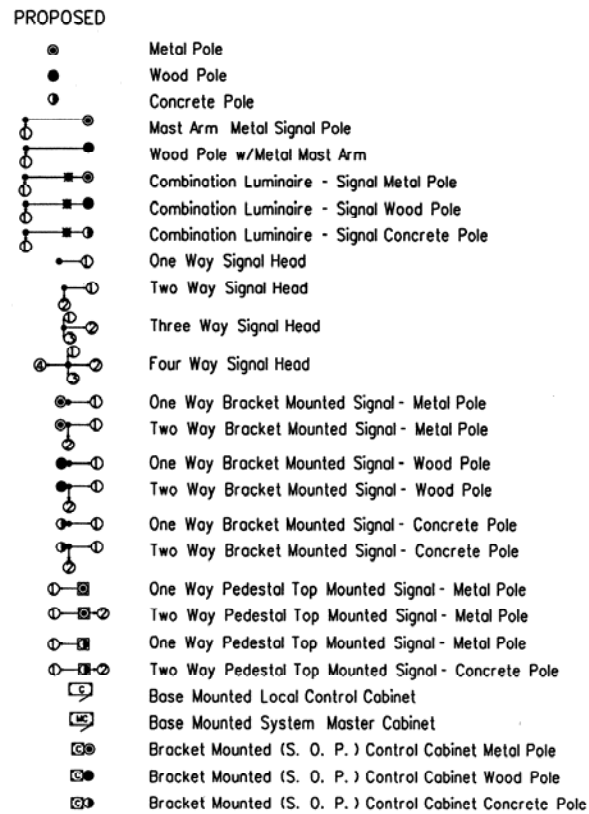
REVISED	FHWA REGION	STATE	FEDERAL AID		STATE	
			ROUTE		STATE	

SUMMARY OF QUANTITIES

Section IV - Traffic Signals

Appendix IV A-1

INT. NO.	UNIT	1		3		4		2		5		9		12		6		11		10		7		16																		
		EA	EA	EA	EA	EA	EA	CY.	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA			
1	MAIN ST. AND RTE.58	1	1	50	10	3	14	1	1	2	1	12	15	3236	1644	1892	2991	3918	9	16	2	1	2	2	2	187	96	8	L.S.	L.S.	1	11	2	66	15	998	252	202	1523	409	1	4
TOTAL		1	1	50	10	3	14	1	1	2	1	12	15	3236	1644	1892	2991	3918	9	16	2	1	2	2	187	96	8	L.S.	L.S.	1	11	2	66	15	998	252	202	1523	409	1	4	



SUMMARY NOTES:

- The Contractor shall notify the Traffic Control Division signal shop 72 hours prior to disturbing any existing cables. Telephone: (800) 000-0000
- Contractor furnished signal pole foundation designs shall be in accordance with SFD-PF-1. Conduit, grouting & grounding details shall be in accordance with SFD-PF-1.
- The Contractor shall provide initial findings for the controllers. Traffic data should be obtained from VDOT through the Engineer with at least 90 days advance notice. The City of Anytown will provide final findings for implementation. The Contractor shall contact Signal Engineer at (800) 000-0000 90 days in advance of requiring these findings.
- Included in the cost of this item are the following:
 12 Three section backplates
 4 Four section backplate
 50 Tunnel visors
 The totals shown above include existing signal heads.
- A single pull rope conforming to Section 700.04(h) of the Specifications shall be installed inside the pole & luminaire arm of the combination luminaire mast arm poles. The pull rope shall be adequately secured on the outside of the luminaire arm & of sufficient length to allow at least 2' of rope to be pulled outside the handhole.
- Signs shall include mounting brackets and miscellaneous hardware supplied by the contractor. Installation shall be in accordance with SFD-SMD-2.
- This item shall have "TRAF" cast in cover.
- The grounding for electric service conduit shall be included in the cost for this bid item.
- All proposed loop detector shall be modified for corner drilling only. The standard TB-1B and TB-1C are modified to require loops placed in new pavement areas to be installed in base course and loops placed in pavement overlay areas to be installed in the existing pavement.
- The Contractor shall deliver the reusable existing signal equipment (poles, signal heads, controller cabinet, cabinet equipment) to the City Traffic Control Division, 000 Main St., Anytown VA 00000. Contact Signal Engineer at (800) 000-0000 48 hrs. before delivery. The unusable signal equipment (cable, conduit, etc.) shall be disposed by the contractor.
- In addition to Section 512.03(h) temporary signalization, the following is required: The Contractor shall maintain the existing signalized locations in their present conditions to include vehicle detection. As sequence of construction proceeds the signal shall be revised on the existing spans as required. At least a semi-actual signal operation shall be maintained. Existing temporary or final stop bar detection will be required. On-site controller mode and timing adjustments may be required to enhance traffic operation.
- Street name signs shall have a green reflective background with white reflective message and border. Sign shall be fabricated in accordance with type L-1 or L-2 with a 1" border and 1 1/4" corner radii. Copy shall be upper case E-series 12" (street name) and 5" (st. ave. dr. 100). Install in accordance with details on sheet 1K5.
- All traffic control methods and devices shall conform to the Manual on Uniform Traffic Control Devices for Streets and Highways, and the Virginia Supplement which includes work area protection guidelines, as stated in latest Specifications.
- Denotes item to be paid for on basis of plan quantity in accordance with current Road and Bridge Specifications.
- All signal hardware except controller shall be painted Dark Forest Green (Sherwood Williams #4072) in accordance with Section 411 of the Specifications.
- Included in the cost of this bid item is the cost of system bonding wire (#8 awg EGC).

SUMMARY OF QUANTITIES
 &
 SIGNAL LEGEND