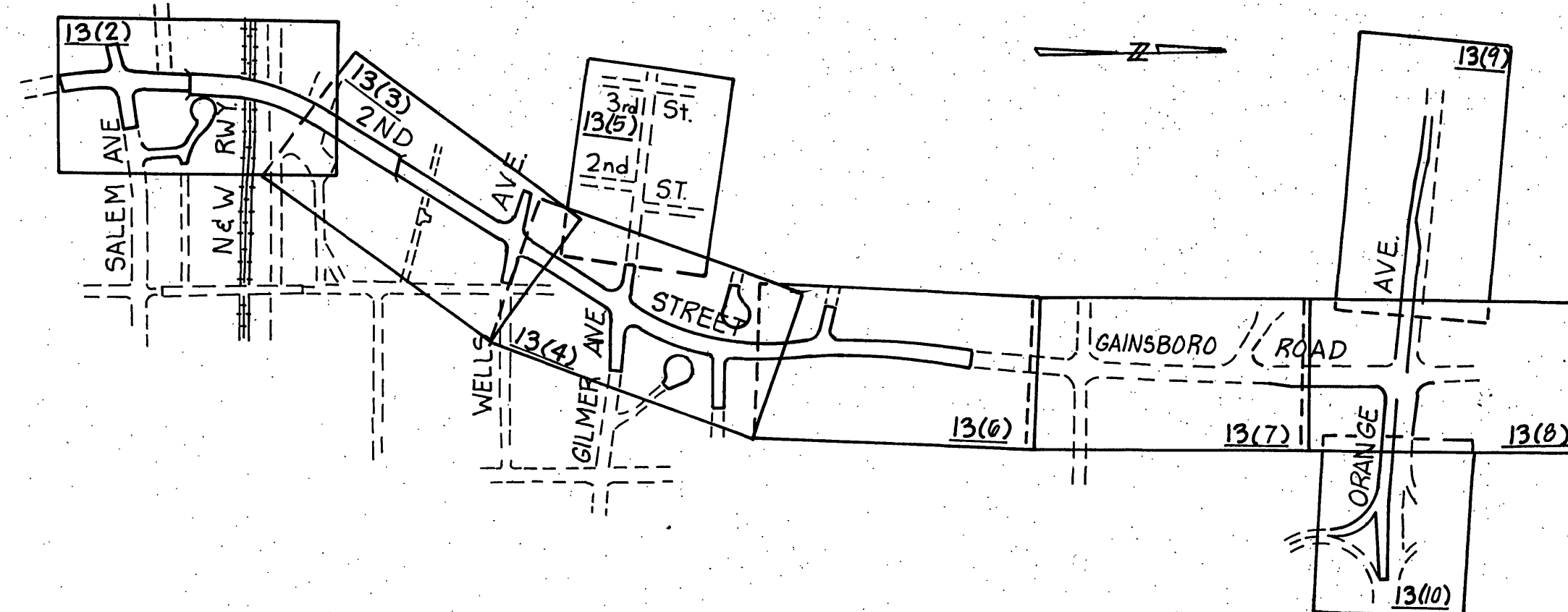


PLAN NOTEBOOK No. _____	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	ALIGNMENT CHECKED _____		
	RT. OF WAY CHECKED _____		

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		SHEET NO.
				ROUTE	PROJECT	
	3	VA.			0000-128-116, RW-201 C-501 B-610	13 (1)



10/100 ● AB
6

POST MOUNTED FIXTURE; 1 FIXTURE,
POST (10') AND WATTAGE (100)
INDICATION (TYPICAL). LETTERS
DENOTE PHASE CONNECTIONS FOR
LUMINAIRE(S). NUMBER DENOTES
CIRCUIT CONNECTION FOR POST
RECEPTACLE.

POST MOUNTED FIXTURES, 2 FIXTURES, 90°

GRADE MOUNTED FIXTURE, SEE DET. SH. 13(12).

EXIST. FIXTURE & POLE TO BE RELOCATED OR
REMOVED BY APCo., AS NOTED ON DWGS.

EXIST. FIXT. & POLE TO REMAIN
SINGLE ARM FIXTURE AND POLE
A-DENOTES 200 WATT FIXTURE @ 25'
B-DENOTES 400 WATT FIXTURE @ 35'

DOUBLE ARM FIXTURE AND POLE
ORIENTATION AS INDICATED, SAME AS ABOVE

SINGLE ARM FIXTURE INSTALLED
ON SIGNAL POLE, NUMBER AS SHOWN.

UNDERPASS FIXTURE, SURFACE OR BRACKET MOUNTED
CONNECT TO CIRCUIT INDICATED, U1-200 WATT HP9,
U2-400 WATT HP9.

CONDUIT OR DUCT BANK INSTALLED
IN STRUCTURE OR UNDERGROUND,
SIZE AS INDICATED. 2" UNLESS OTHERWISE NOTED.

☐ JUNCTION BOX, 2'x2'x2'. STD. JB-5A OR 5B
☐ ELECTRIC MANHOLE, 6'x6'x7'.

NOTE: 1. ALL MOUNTING ARMS 10' EXCEPT THOSE ON BRIDGE AND RETAINING WALLS WHICH SHALL BE 8'.

2. CONTRACTOR SHALL PROVIDE AND INSTALL UNDER BRIDGE LIGHTING SYSTEM INCLUDING ALL CONDUITS, WIRING, BRACKETS, FIXTURES, LIGHTING CABINET, ETC.

3. ALL LIGHT POLES AND FIXTURES (EXCEPT UNDER BRIDGE LIGHTING SYSTEM) BY OTHERS.

4. TRAFFIC SIGNAL POLE CONTROLLERS, CONDUIT AND CONDUCTOR CABLES ARE SHOWN ON TRAFFIC SIGNAL PLANS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING.

5. SEE BRIDGE PLANS FOR ADDITIONAL UNDER
BRIDGE FIXTURE MOUNTING DETAILS.

6. SEE NOTE 6(b) ON SHEET 12(6).

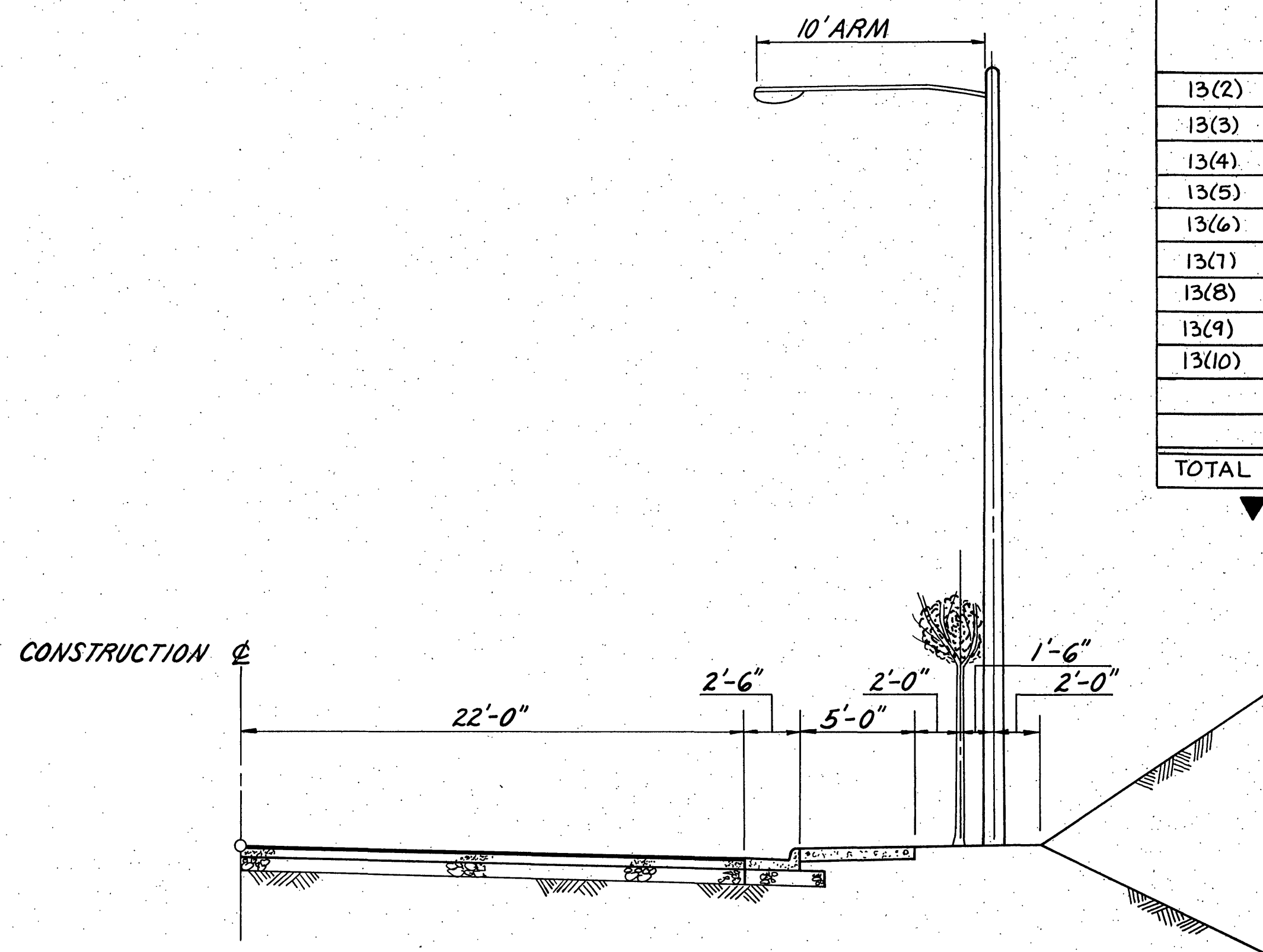
7. CONTRACTOR SHALL COORDINATE CONDUIT WORK AT EACH POWER SOURCE (RISER POLE, MANHOLE, ETC.) WITH APCO PRIOR TO INSTALLATION. STUB UP 2 FEET ABOVE GRADE AT EACH RISER POLE.

8. ELECTRICAL MANHOLE
BASIS OF PAYMENT: ELECTRICAL MANHOLE WILL BE PAID FOR IN UNIT OF EACH, COMPLETE IN PLACE, WHICH PRICE SHALL INCLUDE INSTALLATION OF THE STRUCTURE, INSTALLATION OF MANHOLE FRAME AND COVER, EXCAVATION, BACKFILL, BASE AGGREGATE, ALL NECESSARY MATERIALS INCLUDING: INSERTS, GROUND ROD, ETC., TOOLS, EQUIPMENT AND LABOR TO COMPLETE THIS WORK.

9. 2" CONDUIT ON BRIDGE INCLUDED IN PRICE OF BRIDGE SEE SHEET 11(31).

SHEET NO.	CONDUIT					CONDUCTOR CABLE	TRENCH EXCAVATION ECI-1	LIGHTING POLE LP-1		CONCRETE FOUNDATION LF-1 TY. A	LUMINAIRE					ELECTRICAL MANHOLE	JUNCTION BOX JB- 5A OR JB-5B	CONTROL CENTER
											METAL		200 WATT HPS	400 WATT HPS	200 WATT HPS UNDERBRIDGE			
	1"	1½"	2"	3"	4"													
	LF	LF	LF	LF	LF			LF	EA.		EA.	EA.						
13(2)	317	504	1698	1051	590	3867	1646	7	8	8	7	12	6	11	2	1	1	
13(3)	48	-	1060	1692	1053	168	1360	8	-	7	8	3	-	3	2	2	-	
13(4)	-	-	2203	1716	983	-	2406	11	-	12	11	5	-	-	2	3	-	
13(5)	-	-	48	-	200	-	148	-	-	-	-	-	-	-	-	-	-	
13(6)	-	-	1098	1428	390	-	1400	8	-	8	8	-	-	-	2	3	-	
13(7)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13(8)	-	-	666	-	1224	-	798	-	3	3	-	7	-	-	3	1	-	
13(9)	-	-	664	-	-	-	664	-	4	4	-	4	-	-	-	-	-	
13(10)	-	-	1332	-	444	-	1314	-	11	11	-	17	-	-	1	1	-	
TOTAL	365	504	8769	5887	4884	4035	9730	34	26	53	34	48	6	14	12	11	1	

▼ BY OTHERS



NO SCALE

WELLS AVE. LIGHTING SUMMARY- CITY OF ROANOKE COST ITEM								
SHEET NO.	CONDUIT		CONDUCTOR CABLE B/I	TRENCH EXCAVATION STD ECI-1	POST MTD. FIXTURES		GRADE MOUNTED FIXTURE	CONC. FOUNDATION (LF-1 MOD)
	1" METAL	3"			1 FIXTURE 10' POST	2 FIXTURE 12' POST		
	L.F.	L.F.	L.F.	L.F.	EA.	EA.	EA.	EA.
13(3)	—	210	—	210	—	—	—	2
13(4)	60	60	—	120	—	—	4	2
TOTAL	60	270	—	330	—	—	4	4