JOHNSON CITY ITS ESTIMATED QUANTITIES

FOOTNOTE	ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
	712-01	TRAFFIC CONTROL	LS	1
1	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	792
1	716-03.02	PLASTIC WORD PAVEMENT MARKINGS (RXR)	EACH	20
1	713-16.20	SIGNS (R15-1)	EACH	11
1	713-16.21	SIGNS (W10-1)	EACH	11
1	713-16.22	SIGNS (W10-2L)	EACH	8
1	713-16.23	SIGNS (W10-2R)	EACH	8
	717-01	MOBILIZATION	LS	1
2	725-07.08	NETWORK SWITCH (TYPE 'A')	EACH	81
2	725-07.09	NETWORK SWITCH (TYPE 'B')	EACH	2
2	725-07.44	FIBER OPTIC SPLICE (FUSION)	EACH	744
2	725-07.63	AS-BUILT PLANS	LS	1
	725-07.65	SPARE PARTS	LS	1
12	725-07.66	BURN-IN PERIOD	LS	1
2	725-07.67	TRAINING	LS	1
2	725-10.10	CCTV CAMERA SYSTEM (TUBE)	EACH	17
2	725-10.11	CCTV CAMERA SYSTEM (DOME)	EACH	26
2	725-10.12	CABINET (TYPE B) POLE MOUNTED	EACH	9
2	725-10.13	CABINET (TYPE B) PAD MOUNTED	EACH	3
2	725-10.16	FO CLOSURE 72F	EACH	71
2	725-10.17	TERMINAL SERVER	EACH	70
2	725-10.18	RS 2324 WIRE FSK MODEM	EACH	1
2	725-10.19	FIBER OPTIC DROP PANEL (12F)	EACH	80
2	725-10.20	FO TERMINATION CABINET(48F)	EACH	24
2	725-10.21	FO TERMINATION CABINET (144F)	EACH	2
2	725-10.22	CCTV POLE (50FT POLE HEIGHT)	EACH	6
3	725-10.23	OVERHEAD UTILITY RELOCATION	LS	1
2	725-10.24	PULL BOX (FIBER OPTIC - TYPE D)	EACH	87
2	725-10.25	PULL BOX (FIBER OPTIC - TYPE E)	EACH	48
4	725-10.26	MODIFY EXISTING CONDUIT (INSTALL PULL BOX)	EACH	9
5	725-10.27	MODIFY EXISTING CONDUIT (SPLICE CONDUIT)	EACH	24
2	725-10.28	FIBER OPTIC CABLE, 48F (AERIAL)	L.F.	26103
2	725-10.29	FIBER OPTIC CABLE, 48F (IN CONDUIT)	L.F.	44275
2	725-10.30	FIBER OPTIC CABLE, 12F (SMFO DROP CABLE)	L.F.	18950
	725-10.31	OUTDOOR RATED CATEGORY 5E CABLE	L.F.	70
14	725-10.32	REMOVE EXISTING CABLE FROM CONDUIT	L.F.	19285
	725-10.33	RISER ASSEMBLY (2", RGS)	EACH	4
	725-10.34	RISER ASSEMBLY (FIBER RISER)	EACH	27
6	725-10.35	CABINET ENTRANCE (CONDUIT AND ASSEMBLY)	EACH	35
	725-10.36	JACKED AND BORED CONDUIT	L.F.	15595
7	725-10.37	TRENCHING FOR NEW CONDUIT INSTALLATION	L.F.	14755
8	725-10.38	CONDUIT (2" DIA, HDPE)	L.F.	54555
8	725-10.39	CONDUIT (1" DIA, RGS)	L.F.	300
9	725-10.40	REMOVAL OF CONDUIT	L.F.	1065
	725-10.41	MODIFY CABINET (INTEGRATE FO EQUIPMENT)	EACH	68
	725-10.42	MODIFY CABINET (MODIFY/REPLACE CONDUIT ELBOW ACCESS)	EACH	3
10	725-10.43	MODIFY CABINET (ELECTRICAL)	EACH	6
	725-10.44	PULL BOX TYPE C	EACH	29

JOHNSON CITY ITS ESTIMATED QUANTITIES

FOOTNOTE	ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
2	725-10.45	STREAM GAUGE	EACH	3
2	725-10.46	PAVEMENT SENSOR	EACH	12
2	725-10.47	WEATHER STATION	EACH	2
2	725-10.48	FO INDOOR/OUTDOOR CABLE 144F	L.F.	200
	725-10.49	CORRUGATED RACEWAY	L.F.	100
	725-10.50	DEMARCATION POINT ASSEMBLY	EACH	8
2	725-10.51	CABINET (TYPE C) PAD MOUNTED	EACH	6
2	725-10.52	FIBER OPTIC CABLE, 144F (IN CONDUIT)	L.F.	4980
11	730-05.01	ELECTRICAL SERVICE CONNECTION	EACH	9
	730-05.03	SERVICE CABLE (3 CONDUCTOR #6 AWG)	L.F.	6090
	801-02	SEEDING (WITHOUT MULCH)	UNIT	9
	801-03	WATER (SEEDING AND SOD)	M.G.	500
	803-01	SODDING	SY	2000
2	920-10.01	TMC SOFTWARE	LS	1
2	920-10.02	TMC HARDWARD	LS	1
2	920-10.03	TMC FINISHES	LS	1
2	920-10.04	TMC VIDEO WALL	EACH	1
13	920-10.05	REMOVE EXISITNG PULLBOXES	LS	1
	920-10.06	SIDEWALK REPLACEMENT	SY	224

FOOTNOTES

1. ITEM NUMBERS FOR THE INSTALLATIN OF SIGNS AND MARKINGS NEAR RAIL ROAD CROSSINGS
2. REFER TO THE TECHINCAL SPECIAL PROVISION FOR DISCRIPTION AND SPECIFICATIONS
3. ITEM NUMBER IS FOR THE REMOVAL / RELCATION OF OVERHEAD CABLE AS REQURED THROUGHOUT THE PROJECT LIMITS.
4. ITEM NUMBER INCLUDES THE COST TO REPAIR AND TEST CONDUIT AS NEEDED AND INSTALL NEW FO PULL BOXES AT LOCATIONS SHOWN IN PLANS. AND TESTING
5. ITEM NUMBER INCLUDES THE COST TO REPAIR AND TEST CONDUIT AS NEEDED WHERE EXISTING COPPER PULL BOXES ARE TO BE REMOVED AND CONDUIT SPLICED TOGETHER. THE CONDUIT SHOULD BE TESTED WITH THE CORRECT SIZE MANDREL TO VERIFY CONTINUITY IN THE CONDUIT RUNS.
6. ITEM NUMBER INCLUDES THE COST FOR CONDUIT AND ALL NECESSARY EQUIPMENT REQUIRED FOR A NEW ENTRANCE CONDUIT INTO THE EXISTING SIGNAL CABINETS
7. ITEM NUMBER INCLUDES COST FOR TRENCHING ONLY FOR NEW CONDUIT.
8. ITEM NUMBER IS FOR THE INSTALLATION OF NEW SYSTEM EQUIPMENT INTO EXISTING TRAFFIC CONTROL CABINETS.
9. ITEM NUMBER IS FOR THE REMOVAL OF EXISTING CONDUIT AS SHOWN IN PLANS.
10. ITEM NUMBER IS FOR THE UPGRADE OF TRAFFIC CONTROL CABINETS TO ALSO ACCOMMODATE CCTV ELECTRICAL POWER AND OTHER EQUIPMENT AS SHOWN IN PLANS.
11. ITEM NUMBER IS FOR THE COORDINATION AND CONNECTION OF NEW AND IF NEEDED MOVING OF ELECTRICAL SERVICE POINTS.
12. ITEM NUMBER IS FOR THE REQUIREMENTS FOR THE BURN IN PERIOD (SEE TSP SECTION 1.5).
13. ITEM NUMBER INCLUDES THE REMOVAL OF PULL BOXES WITH PROJECT LIMITS AS DIRECTED BY ENGINEER.

ITEM NUMBER INCLUDES THE REMOVAL OF COPPER INTERCONNECT CABLE FROM EXISTING CONDUIT.

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ESTIMATED QUANTITIES

2

SCALE: N.T.S.
PROJECT: 26575.03
DATE: 2010

SHEET BY SHEET QUANITITIES

ITEM NUMBER	DESCRIPTION	UNIT	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	SHEET TOTALS
725-07.08	NETWORK SWITCH (TYPE 'A')	EACH		4	2	2	1	1	1	1	1	2	2	2	1	2	2	7	1	1	3	1		37
725-07.09	NETWORK SWITCH (TYPE 'B')	EACH		1								1												2
725-07.44	FIBER OPTIC SPLICE (FUSION)	EACH		32	12	20	12	8	8	8	8	16	8	24	8	16	16	64	8	8	20	20		316
725-10.10	CCTV CAMERA SYSTEM (TUBE)	EACH			1				1	1		1	1	1					1					7
725-10.11	CCTV CAMERA SYSTEM (DOME)	EACH		2		1		1			1	1		1	1	1	1	3		1	2	1		17
725-10.12	CABINET (TYPE B) POLE MOUNTED	EACH		2							1							1			1			5
725-10.13	CABINET (TYPE B) PAD MOUNTED	EACH		1								1												2
725-10.16	FO CLOSURE 72F	EACH		4	1	2		1	1	1	1	2	1	3	1	2	2	8	1	1	2	1		35
725-10.17	TERMINAL SERVER	EACH		2	2	2		1	1	1		2	2	2	1	2	2	6	1	1	2	1		31
725-10.18	RS232 FSK MODEM	EACH																						0
725-10.19	FIBER OPTIC DROP PANEL (12F)	EACH		4	2	2	1	1	1	1	1	2	2	2	1	2	2	7	1	1	3	1		37
725-10.20	FO TERMINATION CABINET (48F)	EACH		2								3				3		4						12
725-10.21	FO TERMINATION CABINET (144F)	EACH																						0
725-10.22	CCTV POLE (50FT POLE HEIGHT)	EACH		1							1							1			1			4
725-10.24	PULL BOX (FIBER OPTIC - TYPE D)	EACH		3	3	1		2		2	2	3	4	2	1	3		4	4	2	4	1		41
725-10.25	PULL BOX (FIBER OPTIC - TYPE E)	EACH		1		1		1			1	1	2	5	2	3	2	6	2			1		28
725-10.26	MODIFY EXISTING CONDUIT (INSTALL PULL BOX)	EACH		1		1		1			1									1				5
725-10.27	MODIFY EXISTING CONDUIT (SPLICE CONDUIT)	EACH										4	3	6	7	1	1	2						24
725-10.28	FIBER OPTIC CABLE, 48F (AERIAL)	L.F.	840	750							140	710				605				2790	1175			7010
725-10.29	FIBER OPTIC CABLE, 48F (IN CONDUIT)	L.F.									110	2435	2650	3590	2855	3530	2925	5395	2805		1440	585		28320
725-10.30	FIBER OPTIC CABLE, 12F (SMFO DROP CABLE)	L.F.		940	640	110	110	110	275	275	245	210	110	490	250	500	740	3800	110	490	910	210		10525
725-10.31	OUTDOOR RATED CATEGORY 5E CABLE	L.F.		70																				70
725-10.32	REMOVE EXISTING CABLE FROM CONDUIT	L.F.									110	2435	2550	3590	2855	1030	2925	695				1135		17325
725-10.33	RISER ASSEMBLY (2", RGS)	EACH		1							1							1						3
725-10.34	RISER ASSEMBLY (FIBER RISER)	EACH									1					1				1	3			6
725-10.35	CABINET ENTRANCE (CONDUIT AND ASSEMBLY)	EACH		1	2	2	1			1		1	1	1	1	2	1	1	1		1	1		18
725-10.36	JACKED OR BORED CONDUIT	L.F.		820	305	200		145		245	320	155	70	135	130	570	195	2335	1310		550	300		7785
725-10.37	TRENCHING FOR NEW CONDUIT INSTALLATION	L.F.		240	180	210		190		105	10	50	20	315	20	155	125	1485	700	95	1165	20		5085
725-10.38	CONDUIT (2" DIA, HDPE)	L.F.		2280	705	620		490		595	465	360	150	735	280	1635	515	7500	4020	85	2425	640		23500
725-10.39	CONDUIT (1" DIA, RGS)	L.F.			10	10		10		10		20	10	20	10	10	10	20		10	10	10		170
725-10.40	REMOVAL OF CONDUIT	L.F.																740						740
725-10.41	MODIFY CABINET (INTEGRATE FO EQUIPMENT)	EACH		2	2	2	1	1	1	1		2	2	2	1	2	2	6	1	1	2	1		32
725-10.42	MODIFY CABINET (MODIFY/REPLACE CONDUIT ELBOW ACCESS)	EACH							1															1
725-10.43	MODIFY CABINET (ELECTRICAL)	EACH		1								1				1		1						4
725-10.44	PULLBOX (TYPE C)	EACH		7	2	1		1		1	2			1			1	2						18
725-10.45	STREAM GAUGE	EACH														1					1			2
725-10.46	PAVEMENT SENSOR	EACH			2	1		1		1				1			1							7
725-10.47	WEATHER STATION	EACH		1																				1
725-10.48	FO INDOOR/OUTDOOR CABLE 48F	L.F.																	200					200
725-10.49	CORRUGATED RACEWAY	L.F.																	100					100
725-10.50	CABINET (TYPE C) PAD MOUNTED	EACH														1		1						2
725-10.52	FIBER OPTIC CABLE, 144F (IN CONDUIT)	L.F.																						0
730-05.01	ELECTRICAL SERVICE CONNECTION	EACH		1							1	1				1		1						5
730-05.03	SERVICE CABLE (2 CONDUCTOR #8 AWG)	L.F.		2070							615	555												3240

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SHEET BY SHEET QUANTITIES

2A

SCALE: N.T.S.
PROJECT: 26575.03
DATE: 2010

SHEET BY SHEET QUANITITIES

ITEM NUMBER	DESCRIPTION	UNIT	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	SHEET TOTALS	OVERALL TOTALS
725-07.08	NETWORK SWITCH (TYPE 'A')	EACH	1	3	4	2	1	2		3	7	1	3	1	4	1	1	1		2	4		3	44	81
725-07.09	NETWORK SWITCH (TYPE 'B')	EACH																						0	2
725-07.44	FIBER OPTIC SPLICE (FUSION)	EACH	8	24	26	16	12	22		90	80	8	36	4	30	8	8	8		12	24		12	428	744
725-10.10	CCTV CAMERA SYSTEM (TUBE)	EACH		1	2			1		2	1		1				1	1						10	17
725-10.11	CCTV CAMERA SYSTEM (DOME)	EACH	1			2	1	1					1							1	1		1	9	26
725-10.12	CABINET (TYPE B) POLE MOUNTED	EACH				1					1									1			1	4	9
725-10.13	CABINET (TYPE B) PAD MOUNTED	EACH																					1	1	3
725-10.14	FO CLOSURE 12F	EACH	1	3	2	2	1	1		3	8	1	3	1	3	1	1	1		1	2		1	36	71
725-10.17	TERMINAL SERVER	EACH	1	3	4	1	1	2		3	6	1	3	1	4	1	1	1		1	4		1	39	70
725-10.18	RS232 FSK MODEM	EACH			1																			1	1
725-10.19	FIBER OPTIC DROP PANEL (12F)	EACH	1	3	4	2	1	2		3	6	1	3	1	4	1	1	1		2	4		3	43	80
725-10.20	FO TERMINATION CABINET (48F)	EACH	2							3	3		4											12	24
725-10.21	FO TERMINATION CABINET (144F)	EACH									2													2	2
725-10.22	CCTV POLE (50FT POLE HEIGHT)	EACH				1														1				2	6
725-10.24	PULL BOX (FIBER OPTIC - TYPE D)	EACH	4	3	5	3	3	3		5	2		7		1		1			2		2	5	46	87
725-10.25	PULL BOX (FIBER OPTIC - TYPE E)	EACH	1	1	2		1	1			3		3		1			1	2	1	1	1	1	20	48
725-10.26	MODIFY EXISTING CONDUIT (INSTALL PULL BOX)	EACH	1								3													4	9
725-10.27	MODIFY EXISTING CONDUIT (SPLICE CONDUIT)	EACH																						0	24
725-10.28	FIBER OPTIC CABLE, 48F (AERIAL)	L.F.	1725	1905	2400	3100	1770	670		430		2218	550				2995	1330						19093	26103
725-10.29	FIBER OPTIC CABLE, 48F (IN CONDUIT)	L.F.	200	1100	1095		960	1355		230	345		4070		1770			1440	2855	535				15955	44275
725-10.30	FIBER OPTIC CABLE, 12F (SMFO DROP CABLE)	L.F.	110	620	530	370	365	300		300	895	135	405	110	745	110	230	110		685	135		2270	8425	18950
725-10.31	CATERGORY 5 CABLE	L.F.																						0	70
725-10.32	REMOVE EXISTING CABLE FROM CONDUIT	L.F.		125	285		240	505										805						1960	19285
725-10.33	RISER ASSEMBLY (2", RGS)	EACH				1																		1	4
725-10.34	RISER ASSEMBLY (FIBER RISER)	EACH	1	3	3	2	1	2		2	2	1	1		1		1	1						21	27
725-10.35	CABINET ENTRANCE (CONDUIT AND ASSEMBLY)	EACH	1	1	3		1	1		3	1		3		1			1		1				17	35
725-10.36	JACKED OR BORED CONDUIT	L.F.	515	575	390		125	1130		170	935		1155		1320		80	125	410	120		450	310	7810	15595
725-10.37	TRENCHING FOR NEW CONDUIT INSTALLATION	L.F.	20	80	380	120	770	10		140	795		1215		10			630	2455	345		500	2200	9670	14755
725-10.38	CONDUIT (2" DIA, HDPE)	L.F.	1040	1220	1335	210	2125	2260		730	2630		4955		2660			1375	4910	930		1900	2775	31055	54555
725-10.39	CONDUIT (1" DIA, RGS)	L.F.	10	10	20	10	10	10		20	10		20					10						130	300
725-10.40	REMOVAL OF CONDUIT	L.F.									325													325	1065
725-10.41	MODIFY CABINET (INTEGRATE FO EQUIPMENT)	EACH	1	3	4	1	1	2		3	6	1	3		4			1		1	4		1	36	68
725-10.42	MODIFY CABINET (MODIFY/REPLACE CONDUIT ELBOW ACCESS)	EACH						1				1												2	3
725-10.43	MODIFY CABINET (ELECTRICAL)	EACH									1									1				2	6
725-10.44	PULLBOX (TYPE C)	EACH		1		2				1								1		1			5	11	29
725-10.45	STREAM GAUGE	EACH									1													1	3
725-10.46	PAVEMENT SENSOR	EACH		1			1			1			1					1						5	12
725-10.47	WEATHER STATION	EACH																					1	1	2
725-10.48	FO INDOOR/OUTDOOR CABLE 48F	L.F.																						0	200
725-10.49	CORRUGATED RACEWAY	L.F.																						0	100
725-10.50	CABINET (TYPE C) PAD MOUNTED	EACH	1							1	1		1											4	6
725-10.52	FIBER OPTIC CABLE, 144F (IN CONDUIT)	L.F.									2480											2500		4980	4980
730-05.01	ELECTRICAL SERVICE CONNECTION	EACH				1														1			2	4	9
730-05.03	SERVICE CABLE (2 CONDUCTOR #8 AWG)	L.F.				300														1395			1155	2850	6090

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REVISION

No.	Date	Revision

SHEET BY SHEET QUANTITIES

2B

SCALE: N.T.S.
PROJECT: 26575.03
DATE: 2010

CABINET EQUIPMENT TABLES

SHEET NO.	LOCATION	CABINET TYPE B 725-10.12	NETWORK SWITCH TYPE A 725-07.08	CCTV CAMERA (TUBE) 725-10.10	CCTV CAMERA (DOME) 725-10.11	TERMINAL SERVER 725-10.17	PAVEMENT SENSOR CONTROLLER 725-10.46	STREAM GAUGE CONTROLLER 725-10.45	WEATHER STATION CONTROLLER 725-10.47	COMMENTS
5	BROWNS MILL RD. & STATE OF FRANKLIN RD.	1	1		1	1				
5	INTERSTATE 26 & STATE OF FRANKLIN RD.	1	1		1				1	
6	GREENLINE RD. & STATE OF FRANKLIN RD.		1	1		1	2			
6	W. OAKLAND AVE. & FRANKLIN TERRACE		1			1	1			
7	KNOB CREEK RD. & STATE OF FRANKLIN RD.		1		1	1	1			
7	KNOB CREEK RD. & MED TECH PKWY.		1			1				
8	KNOB CREEK RD. & MARKETPLACE		1			1				
9	MED-TECH PKWY. & STATE OF FRANKLIN RD.		1		1	1	1			
10	SUNSET DR. & STATE OF FRANKLIN RD.		1	1		1				
11	SKYLINE DR. & STATE OF FRANKLIN RD.		1	1		1	1			
12	SELLS AVE. & STATE OF FRANKLIN RD.	1	1		1					
13	W. MARKET ST. & STATE OF FRANKLIN RD.		1	1		1				
13	MEDICAL CENTER DR. & STATE OF FRANKLIN RD.		1		1	1				
14	STATE OF FRANKLIN RD. & JOHNSON CITY MEDICAL CENTER		1			1				
14	W. WALNUT ST. & STATE OF FRANKLIN RD.		1	1		1	1			Shown on sheet 15 in plans
15	S. GREENWOOD RD. & STATE OF FRANKLIN RD.		1	1		1				
15	MOUNTAIN HOME DR. & STATE OF FRANKLIN RD.		1		1	1	1			
16	LAKE ST. & STATE OF FRANKLIN RD.		1		1	1				
17	UNIVERSITY PKWY. & STATE OF FRANKLIN RD.		1		1	1		1		
17	W. WALNUT ST. & UNIVERSITY PKWY.		1			1				
18	W. WATAUGA AVE. & STATE OF FRANKLIN RD.		1			1				
18	SEVIER ST. & STATE OF FRANKLIN RD.		1		1	1	1	1		
19	BUFFALO ST. & STATE OF FRANKLIN RD.		1		1	1				
19	S. ROAN ST. & STATE OF FRANKLIN RD.		1		1	1				
19	INTERSTATE 26 JUST NORTH OF STATE OF FRANKLIN RD.	1	1		1					
19	S. ROAN ST. & MARKET ST		1			1				
19	S. ROAN ST. & MAIN ST.		1			1				
19	BUFFALO ST. & WALNUT ST.		1			1				
19	MAIN ST. & BUFFALO ST		1			1				
20	LEGION ST. & STATE OF FRANKLIN RD.		1	1		1				
21	INDIAN RIDGE RD. & W. MARKET ST.		1		1	1				
22	KNOB CREEK RD. & W. MARKET ST.	1	1		1	1				
22	PACTOLAS RD. & W. MARKET ST.		1		1	1		1		
23	DELAWARE ST. & W. MARKET ST.		1		1	1				
25	LIBERTY BELL BLVD. & JOHN EXUM PKWY.		1		1	1				
26	CANARY ST. & N. ROAN ST.		1	1		1	1			

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CABINET EQUIPMENT TABLES

2C

SCALE: N.T.S.
PROJECT: 26575.03
DATE: 2010

CABINET EQUIPMENT TABLES

SHEET NO.	LOCATION	CABINET TYPE B 725-10.12	NETWORK SWITCH TYPE A 725-07.08	CCTV CAMERA (TUBE) 725-10.10	CCTV CAMERA (DOME) 725-10.11	TERMINAL SERVER 725-10.17	PAVEMENT SENSOR CONTROLLER 725-10.46	STREAM GAUGE CONTROLLER 725-10.45	WEATHER STATION CONTROLLER 725-10.47	COMMENTS
26	MOCKINGBIRD LN. & N. ROAN ST.		1			1				
26	SHOPPERS LN. & N. ROAN ST.		1			1				
27	W. MOUNTCASTLE DR. & N. ROAN ST.		1	1		1				
27	SUNSET DR. & N. ROAN ST.		1			1				
27	BROWNS MILL RD. & N. ROAN ST.		1			1				
27	BROYLES DR. & PRINCETON RD.		1	1		1				
28	INTERSTATE 26 JUST NORTH OF N. ROAN ST.	1	1		1					
28	SPRINGBROOK DR. & N. ROAN ST.		1		1	1				
29	BRISTOL HWY. & N. ROAN ST.		1		1	1	1			
30	BRISTOL HWY & W. OAKLAND AVE.		1		1	1				
30	W. OAKLAND AVE. & N. ROAN ST.		1	1		1				
32	E. 8TH AVE. & N. ROAN ST.		1			1	1			
32	UNAKA AVE. & N. ROAN ST.		1	1		1				
32	WATAUGA AVE. & N. ROAN ST.		1	1		1				
33	E. FAIRVIEW AVE. & N. ROAN ST.		1			1				
33	KING ST. & N. ROAN ST.		1			1				
33	N. ROAN ST. & BUFFALO ST.	1	2	1		1		1		
33	BOONE ST. & MAIN ST.		1			1				
33	BOONE ST. & MARKET ST.		1			1				
33	BUFFALO ST. & MARKET ST.		1			1		1		
34	S. ROAN ST. & PINE ST.		1			1				
35	UNIVERSITY PKWY. & INTERSTATE 26 E		1			1				
35	UNIVERSITY PKWY. & S. ROAN ST.		1		1	1	1			
35	LAFE COX DR. & S. ROAN ST.		1	1		1				
36	S. ROAN ST. & FOOD CITY		1			1				
37	W. UNAKA AVE. & W. MARKET ST.		1			1				
37	W. UNAKA AVE. & W. MAIN ST.		1			1				
37	W. WATAUGA AVE. & W. MARKET ST.		1			1				
37	W. WATAUGA AVE. & W. MAIN ST.		1			1				
38	LAMONT ST. & UNIVERSITY PKWY.		1			1				
39	SOUTHWEST AVE. & UNIVERSITY PKWY.		1	1		1				
40	CHEROKEE RD. & UNIVERSITY PKWY.		1	1		1	1			
42	INTERSTATE 26 JUST NORTH OF UNIVERSITY PKWY.	1	1		1					
42	INTERSTATE 26 & UNIVERSITY PKWY		1			1				
43	ELM ST. & UNAKA AVE.		1			1				
43	ELM ST. & WATAUGA. AVE.		1			1				
43	OAK ST. & UNAKA AVE.		1		1	1				
43	OAK ST. & WATUAGA AVE.		1			1				
45	BRISTOL HWY. JUST SOUTH OF CARROLL CREEK RD.	1	1		1					
45	BRISTOL HWY. JUST NORTH OF CARROLL CREEK RD.	1	1						1	

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CABINET EQUIPMENT TABLES

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CCTV MOUNTING TABLE

CCTV NUMBER	PLAN SHEET NUMBER	CCTV LOCATIONS	TYPE MOUNTING	TYPE CCTV RECOMMENDED
1	5	STATE OF FRANKLIN AT BROWNS MILL RD.	MAST ARM-POLE EXTENSION	DOME TYPE
2	5	STATE OF FRANKLIN AT I-26 INTERCHANGE	50' STRAIN POLE	DOME TYPE
3	6	STATE OF FRANKLIN AT OAKLAND AVE/GREENLINE RD.	MAST ARM-POLE EXTENSION	TUBE TYPE
4	7	STATE OF FRANKLIN AT KNOB CREEK RD.	MAST ARM-POLE	DOME TYPE
5	9	STATE OF FRANKLIN AT MED-TECH PKWY.	MAST ARM-POLE	DOME TYPE
6	10	STATE OF FRANKLIN AT SUNSET DR.	MAST ARM-ARM	TUBE TYPE
7	11	STATE OF FRANKLIN AT INDIAN RIDGE RD.	MAST ARM-ARM	TUBE TYPE
8	12	STATE OF FRANKLIN AT SELLS AVE.	50' STRAIN POLE	DOME TYPE
9	13	STATE OF FRANKLIN AT MARKET ST.	MAST ARM-POLE EXTENSION	TUBE TYPE
10	13	STATE OF FRANKLIN AT MEDICAL CENTER DR.	MAST ARM-POLE	DOME TYPE
11	14	STATE OF FRANKLIN AT WEST WALNUT ST.	MAST ARM-ARM	TUBE TYPE
12	15	STATE OF FRANKLIN AT S. GREENWOOD DR./LYLE ST.	MAST ARM-ARM	TUBE TYPE
13	15	STATE OF FRANKLIN AT MOUNTAIN HOME DR.	MAST ARM-POLE EXTENSION	DOME TYPE
14	16	STATE OF FRANKLIN AT LAKE ST.	MAST ARM-POLE EXTENSION	DOME TYPE
15	17	STATE OF FRANKLIN AT UNIVERSITY AVE.	MAST ARM-POLE EXTENSION	DOME TYPE
16	18	STATEOF FRANKLIN AT SEVIER ST.	MAST ARM-POLE	DOME TYPE
17	19	STATEOF FRANKLIN AT BUFFALO ST.	MAST ARM-POLE	DOME TYPE
18	19	STATE OF FRANKLIN AT SOUTH ROAN ST.	MAST ARM-POLE EXTENSION	DOME TYPE
19	39	UNIVERSITY PKWY. AT SOUTHWEST AVE.	MAST ARM-ARM	TUBE TYPE
20	40	UNIVERSITY PKWY AT CHEROKEE RD.	MAST ARM-ARM	TUBE TYPE
21	35	UNIVERSITY PKWY AT S. ROAN ST.	MAST ARM-POLE EXTENSION	DOME TYPE
22	42	I-26 WB	50' STRAIN POLE	DOME TYPE
23	35	S. ROAN ST. AT LAFE COX RD.	MAST ARM-ARM	TUBE TYPE
24	33	N. ROAN ST. AT BUFFALO ST./WATER ST.	MAST ARM-ARM	TUBE TYPE
25	32	N. ROAN ST AT WATAUGA AVE.	MAST ARM-ARM	TUBE TYPE
26	32	N. ROAN ST. AT UNAKA AVE.	MAST ARM-ARM	TUBE TYPE
27	25	N. ROAN ST./ LIBERTY BELL BLVD. AT JOHN EXUM PKWY	MAST ARM-POLE EXTENSION	DOME TYPE
28	26	N. ROAN ST AT CANARY ST.	MAST ARM-ARM	TUBE TYPE
29	27	N. ROAN ST. AT MOUNTCASTLE DR.	MAST ARM-ARM	TUBE TYPE
30	27	PRINCETON RD. AT BROYLES DR.	STRAIN POLE	TUBE TYPE
31	28	I-26 WB	50' STRAIN POLE	DOME TYPE
32	28	N. ROAN ST. AT SPRINGBROOKE DR.	MAST ARM-POLE EXTENSION	DOME TYPE
33	29	N. ROAN ST. AT BRISTOL HWY.	MAST ARM-POLE EXTENSION	DOME TYPE
34	30	N. ROAN ST. AT W. OAKLAND AVE.	STRAIN POLE	TUBE TYPE
35	30	BRISTOL HWY AT E. OAKLAND AVE.	STRAIN POLE	DOME TYPE
36	45	BRISTOL HWY AT CARROLL CREEK RD./WESTSHORE PT.	STRAIN POLE	DOME TYPE
37	21	MARKET ST. AT INDIAN RIDGE RD.	STRAIN POLE	DOME TYPE
38	22	W. MARKET ST AT KNOB CREEK RD.	STRAIN POLE	DOME TYPE
39	22	W. MARKET ST AT PACTOLAS RD.	MAST ARM-POLE	DOME TYPE
40	23	W. MARKET ST. AT JOHN EXUM PKWY	MAST ARM-POLE	DOME TYPE
41	19	I-26 AT E. MARKET ST.	50' STRAIN POLE	DOME TYPE
42	43	WATAUGA AT OAK ST.	50' STRAIN POLE	DOME TYPE
43	20	STATE OF FRANKLIN AT LEGION ST.	MAST ARM-ARM	TUBE TYPE

PAVEMENT SENSOR LOCATIONS

ROADWAY SENSOR NUMBER	PLAN SHEET NUMBER	ROADWAY SENSOR LOCATIONS	PLACEMENT
1	6	STATE OF FRANKLIN RD. AT GREENLINE/OAKLAND	UNDER TIRE TRACK
2	6	STATE OF FRANKLIN RD. AT GREENLINE/OAKLAND	UNDER TIRE TRACK
3	7	STATE OF FRANKLIN RD. AT KNOB CREEK RD.	UNDER TIRE TRACK
4	9	STATE OF FRANKLIN RD. AT MED TECH PKWY.	UNDER TIRE TRACK
5	11	STATE OF FRANKLIN RD. AT INDIAN RIDGE RD.	UNDER TIRE TRACK
6	15	STATE OF FRANKLIN RD. AT WALNUT ST.	UNDER TIRE TRACK
7	18	STATE OF FRANKLIN RD. AT SEVIER ST.	UNDER TIRE TRACK
8	40	UNIVERSITY PKWY AT CHEROKEE RD.	UNDER TIRE TRACK
9	35	UNIVERSITY PKWY AT ROAN ST.	UNDER TIRE TRACK
10	32	N. ROAN ST. AT E. 8TH ST.	UNDER TIRE TRACK
11	26	ROAN ST. AT CANARY ST.	UNDER TIRE TRACK
12	29	ROAN ST. AT BRISTOL HWY	UNDER TIRE TRACK

WEATHER STATION LOCATIONS

WEATHER STATION NUMBER	PLAN SHEET NUMBER	WEATHER STATION LOCATIONS	EQUIPMENT DEVICES
1	5	STATE OF FRANKLIN RD. AT I-26 INTERCHANGE	
2	45	BRISTOL HWY. AT CARROLL CREEK RD./LAKE VILLAGE CT.	

STREAM GAUGE LOCATIONS

STREAM GAUGE NUMBER	PLAN SHEET NUMBER	STREAM GAUGE LOCATIONS
1	17	UNIVERSITY PKWY ON EAST SIDE OF BRIDGE
2	33	EAST SIDE OF CULVERT UNDER CITY
3	22	UNIVERSITY PKWY ON EAST SIDE OF BRIDGE

HUB CABINET LOCATIONS

HUB CABINET	PLAN SHEET NUMBER	HUB CABINET LOCATIONS
A	5	STATE OF FRANKLIN RD. AT BROWNS MILL RD.
B	13	STATE OF FRANKLIN RD. AT W. MARKET ST.

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EQUIPMENT TABLES

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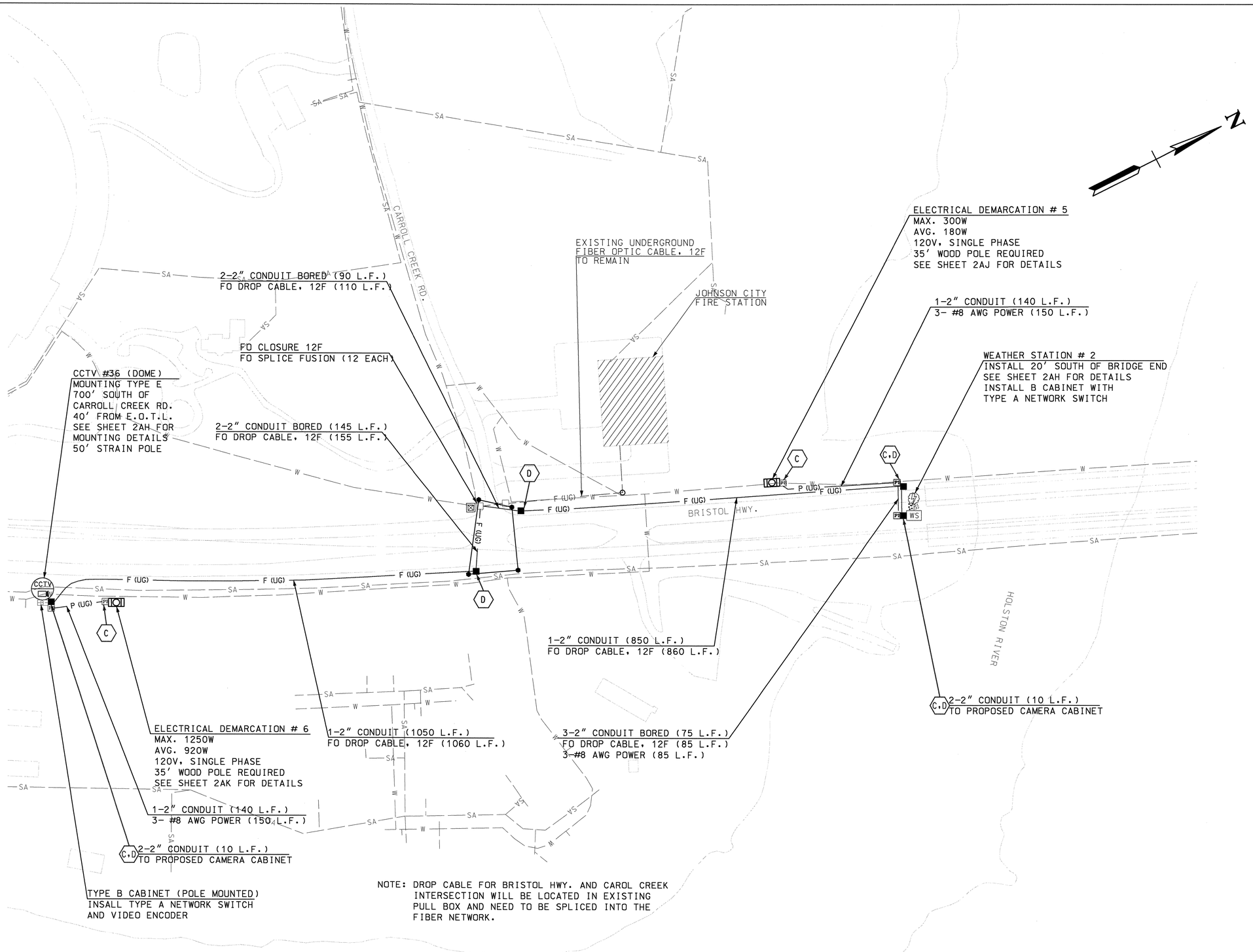

NOTE: DROP CABLE FOR BRISTOL HWY. AND CAROL CREEK INTERSECTION WILL BE LOCATED IN EXISTING PULL BOX AND NEED TO BE SPLICED INTO THE FIBER NETWORK.

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PROPOSED LAYOUT

45

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