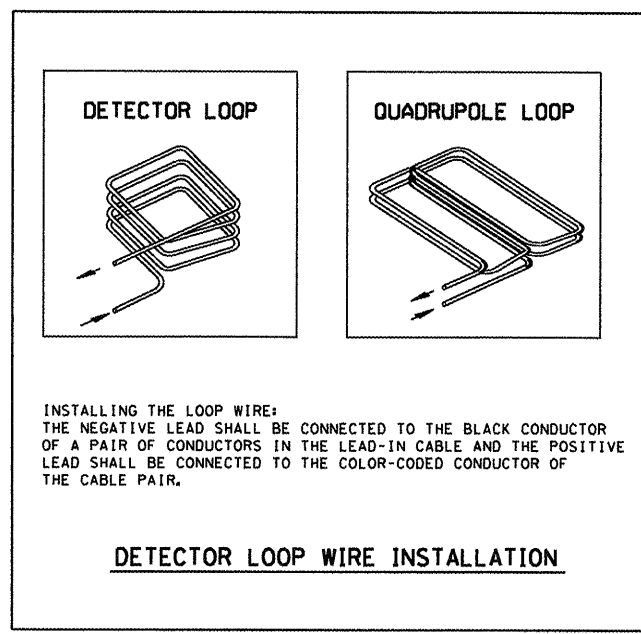


LOOP NAME	# OF TURNS	INDUCT. @ SPLICE	OHMS @ SPLICE	INDUCT. @ CONTR.	OHMS @ CONTR.	LOOP NAME	# OF TURNS	INDUCT. @ SPLICE	OHMS @ SPLICE	INDUCT. @ CONTR.	OHMS @ CONTR.	LOOP NAME	# OF TURNS	INDUCT. @ SPLICE	OHMS @ SPLICE	INDUCT. @ CONTR.	OHMS @ CONTR.
Peoria Rd. & Sangamon Avenue						Walnut & Carpenter						Veterans & 8th Street					
SLT	2-4-2	346	1.18	365	3.95	NLT	2-4-2	326	1.03	341	3.33	WLF	4	144	0.43	207	9.69
SLB	2	188	0.85	207	3.62	NLB	2	184	0.75	199	3.04	WRF	4	141	0.36	204	9.62
SLC	5	175	0.46	193	3.23	NLE	4	141	0.35	164	3.80	WLE	4	145	0.44	190	7.11
SRC	5	172	0.39	190	3.16	NRE	4	139	0.29	162	3.75	WRE	4	142	0.38	187	7.04
SRT	5	170	0.34	188	3.11	NLF	4	141	0.36	175	5.35	WLT	2-4-2	340	0.97	382	7.17
ELB	2	184	0.74	198	2.85	NRF	4	139	0.30	173	5.29	WLB	2	182	0.63	224	6.82
ELT	2-4-2	366	1.14	380	3.25	SLE	4	144	0.41	165	3.55	SAP	2-4-2	313	1.01	338	4.66
ELC	5	172	0.40	186	2.51	SRE	4	141	0.35	162	3.49	SAS	2	187	0.75	212	4.40
ERC	5	170	0.34	184	2.45	SLF	4	142	0.36	173	5.06	SRT	2	162	0.57	187	4.22
ELH	5	171	0.36	193	3.74	SRF	4	139	0.31	171	5.01	SRB	2	169	0.59	194	4.24
ERH	5	169	0.32	191	3.69	ELT	2-4-2	387	1.14	388	1.28	SRP	2	116	0.42	135	3.30
ELE	5	171	0.38	206	5.45	ELB	2	188	0.69	188	0.88	SAP	4	143	0.39	179	5.81
ERE	5	169	0.32	203	5.38	ERA	2-4-2	369	1.05	370	1.19	SRL	4	140	0.33	177	5.74
NLT	2-4-2	343	1.11	345	1.38	ERB	2	179	0.62	180	0.76	ELT	2-4-2	340	0.97	349	2.34
NLB	2	191	0.93	193	1.19	Walnut & Mason						ELB	2	182	0.63	191	1.99
NLC	5	175	0.47	177	0.73	SLF	4	144	0.43	183	6.13	ELF	4	144	0.42	178	5.42
NRC	5	172	0.40	174	0.66	SRF	4	142	0.36	180	6.07	ERF	4	141	0.35	175	5.35
NLH	5	172	0.39	185	2.39	SRE	4	142	0.38	171	4.66	BLE	4	145	0.44	160	2.76
NRH	5	169	0.32	182	2.32	SLE	4	142	0.38	171	4.66	ERE	4	142	0.38	158	2.69
NLE	4	142	0.38	167	4.08	SRE	4	145	0.44	174	4.73	NAP	2-4-2	313	1.02	326	2.82
NRE	4	139	0.31	164	4.00	SLT	2-4-2	289	0.94	306	3.47	NAS	2	187	0.76	200	2.36
WLT	2-4-2	397	1.22	408	2.71	SLB	2	196	0.83	213	3.36	NRT	2	116	0.43	128	2.23
WLB	2	184	0.83	194	2.32	WLT	2-4-2	326	0.99	340	3.07	Veterans & Peoria					
WLC	5	173	0.42	183	1.92	WRT	2-4-2	308	0.88	322	2.96	WLF	4	144	0.43	193	7.60
WRC	5	172	0.39	182	1.89	ERT	2-4-2	420	1.18	433	3.15	WRF	4	142	0.36	190	7.33
J. D. Jones Pkwy & Browning Rd.						NLT	2-4-2	360	1.12	361	1.26	WLE	4	145	0.45	175	4.94
NLT	2-4-2	333	1.16	355	4.36	NLB	2	195	0.81	196	0.96	WRE	4	142	0.39	173	4.88
NLB	2	194	0.93	216	4.13	NLE	4	141	0.36	154	2.18	WLT	2-4-2	359	1.09	383	4.60
NLE	4	144	0.41	181	5.89	NRE	4	139	0.29	151	2.12	WLB	2	185	0.71	209	4.21
NRE	4	141	0.35	178	5.83	NLF	4	141	0.35	165	3.96	ELF	4	143	0.40	199	8.64
NLF	4	145	0.44	196	7.99	NRF	4	139	0.29	163	3.90	ERF	4	140	0.34	196	8.58
NRF	4	142	0.38	193	7.93	Walnut & Jefferson						ELE	4	144	0.42	181	5.99
SLE	4	143	0.40	157	2.41	NLC	4	147	0.50	151	1.08	ERE	4	141	0.35	179	5.93
SRE	4	141	0.35	154	2.35	NRC	4	145	0.46	149	1.04	ERL	4	142	0.36	172	4.86
SLF	4	143	0.41	171	4.53	NLE	4	141	0.35	154	2.29	ELL	4	139	0.30	169	4.79
SRF	4	141	0.35	169	4.48	NRE	4	139	0.29	152	2.23	ELT	2-4-2	407	1.21	423	3.68
EAP	2-4-2	362	1.18	375	3.21	NRF	4	141	0.35	170	4.57	ELP	2-4-2	388	1.10	405	3.57
EAS	2	189	0.81	203	2.84	NLF	4	141	0.35	170	4.57	ELB	2	191	0.71	208	3.19
ERT	2	193	0.75	206	2.78	NRF	4	139	0.29	167	4.51	ELS	2	182	0.63	199	3.10
ERB	2	167	0.68	180	2.71	Veterans & Browning						NAP	2-4-2	352	1.09	386	6.14
Walnut & North Grand						WLF	4	144	0.43	180	5.79	NAS	2	179	0.70	213	5.75
NLF	4	143	0.39	189	7.30	WRF	4	141	0.36	178	5.72	NRT	2-4-2	266	0.78	300	5.83
NRF	4	140	0.32	187	7.24	WLE	4	145	0.44	163	3.13	SAP	2-4-2	333	1.14	335	1.44
NLE	4	142	0.38	178	5.69	WRE	4	142	0.38	160	3.06	SAS	2	184	0.81	186	1.11
NRE	4	139	0.31	175	5.62	WLT	2-4-2	380	1.08	396	3.36	SRP	2-4-2	399	1.20	401	1.49
NLT	4	366	1.25	392	5.13	WLB	2	182	0.63	198	2.91	SRT	2-4-2	348	1.00	350	1.30
NLB	2	191	0.86	218	4.74	ELF	4	144	0.42	212	10.53	SRS	2	162	0.63	164	0.93
NLC	4	145	0.44	171	4.32	ERF	4	141	0.36	210	10.46	SRB	2	139	0.50	141	0.80
NRC	4	142	0.38	168	4.26	ELE	4	145	0.45	195	7.90	SAB	4	145	0.44	155	1.95
ELT	2-4-2	334	1.16	347	3.19	ERE	4	142	0.39	193	7.83	SRE	4	142	0.38	152	1.89
ELB	2	192	0.87	206	2.90	ELT	2-4-2	380	1.08	412	5.82	SRH	4	139	0.31	130	1.82
ELC	4	147	0.50	161	2.53	ELB	2	182	0.63	214	5.37	SAP	4	145	0.44	166	3.67
ERC	4	145	0.44	159	2.48	SLT	2-4-2	148	0.73	168	3.67	SRF	4	142	0.38	164	3.60
WLT	2-4-2	348	1.16	363	3.23	SAP	2-4-2	139	0.63	158	3.58	SRR	4	139	0.31	161	3.54
WLB	2	190	0.83	204	2.90	SLB	2	191	0.84	206	3.09						
WLC	4	144	0.42	158	2.49	SAS	2	188	0.77	203	3.02						
WRC	4	141	0.36	155	2.43	SRT	2	182	0.62	197	2.87						
SLT	2-4-2	349	1.18	350	1.40	NLT	2-4-2	331	1.09	348	3.63						
SLB	2	190	0.83	192	1.05	NAP	2-4-2	312	0.98	329	3.51						
SLC	4	144	0.43	146	0.66	NLB	2	188	0.78	210	4.06						
SRC	4	142	0.36	143	0.59	NAS	2	185	0.70	207	3.98						
SLE	4	141	0.36	151	1.86	NRT	2	196	0.68	218	3.96						
SRE	4	138	0.29	149	1.79												
SLF	4	141	0.36	164	3.67												
SRF	4	139	0.29	161	3.60												



DETECTOR LOOP WIRE INSTALLATION

- DETECTOR NOTES:**
1. THE DETECTOR LOOP SHALL BE CENTERED IN THE LANE IN WHICH IT IS SHOWN. ANY ADJUSTMENTS ARE TO BE MADE ONLY AT THE DIRECTION OF THE ENGINEER.
 2. THE DETECTOR LOOPS SHALL CONSIST OF THE NUMBER OF TURNS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
 3. ACCEPTANCE OF THE LOOPS AS METERED SHALL BE DETERMINED BY THE ENGINEER.
 4. ALL DETECTOR WIRES SHALL BE MARKED WITH WATERPROOF LABELS USING THE WIRING IDENTIFICATION SHOWN ON THE PLANS. THE + AND - OF EACH LOOP MUST BE USED TO IDENTIFY CURRENT FLOW. ALWAYS CONNECT THE BLACK WIRE OF EACH PAIR TO THE NEGATIVE (-) LOOP WIRE.
 5. ALL QUADRUPOLE LOOPS SHALL BE 2-4-2 DESIGN.
 6. THE CONTRACTOR SHALL CONTACT DISTRICT 6 OPERATIONS FOR ASSISTANCE IN DETECTOR LOOP LAYOUT AT LEAST 48 HOURS BEFORE INSTALLING DETECTOR LOOPS (Ph. = 217-782-7314)