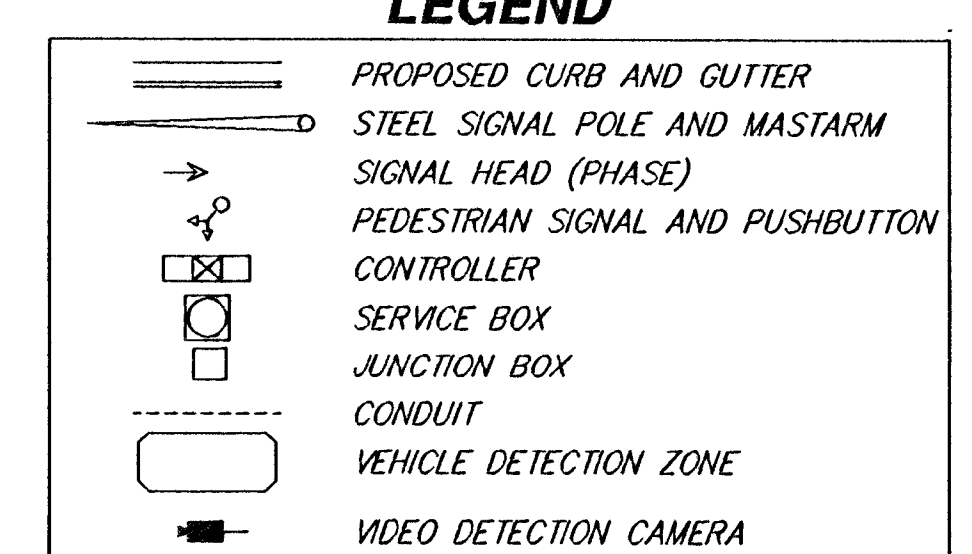


FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0199-01	2002	115	158

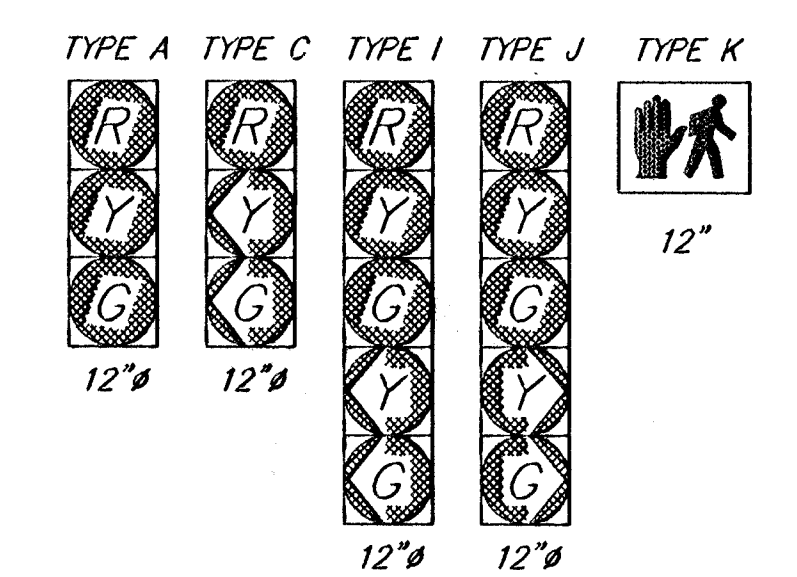
FED. AID NO. - CMQ-N019 (901)



SIGNAL FACE SUMMARY

PHASE	TYPE	# REQ'D
1	C	2
2	A, L, A	3, 2, 1*
3	I	1
4	A, A, L	3, 1*, 2
5	I	2
6	A, A, L	2, 1*, 2
7	C	1
8	A, A, L	3, 1*, 2

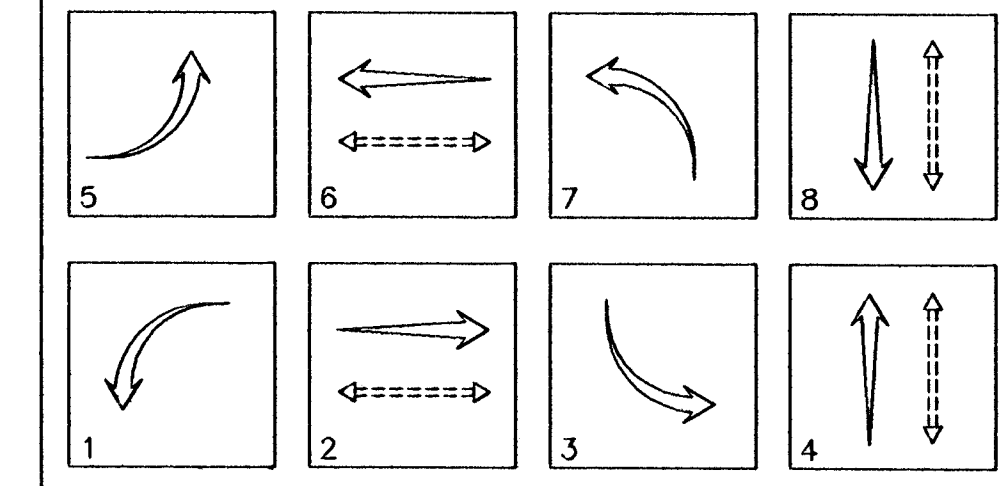
* Mount Head on Signal Pole



VEHICLE DETECTOR SUMMARY

CAMERA NO.	ZONE NO.	SIZE (W x L)	PHASE CALLED
1	1A	1.8m x 18.3m	1
2	1B	1.8m x 18.3m	1
3	2A	1.8m x 18.3m	2
4	2B	1.8m x 18.3m	2
5	2C	1.8m x 18.3m	2
6	3A	1.8m x 18.3m	3
7	4A	1.8m x 18.3m	4
8	4B	1.8m x 18.3m	4
9	4C	1.8m x 18.3m	4
10	4D	1.8m x 18.3m	4
11	5A	1.8m x 18.3m	5
12	5B	1.8m x 18.3m	5
13	6A	1.8m x 18.3m	6
14	6B	1.8m x 18.3m	6
15	6C	1.8m x 18.3m	6
16	6D	1.8m x 18.3m	6
17	6E	1.8m x 18.3m	6
18	7A	1.8m x 18.3m	7
19	8A	1.8m x 18.3m	8
20	8B	1.8m x 18.3m	8
21	8C	1.8m x 18.3m	8
22	8D	1.8m x 18.3m	8
23	8E	1.8m x 18.3m	8

PHASE DIAGRAM

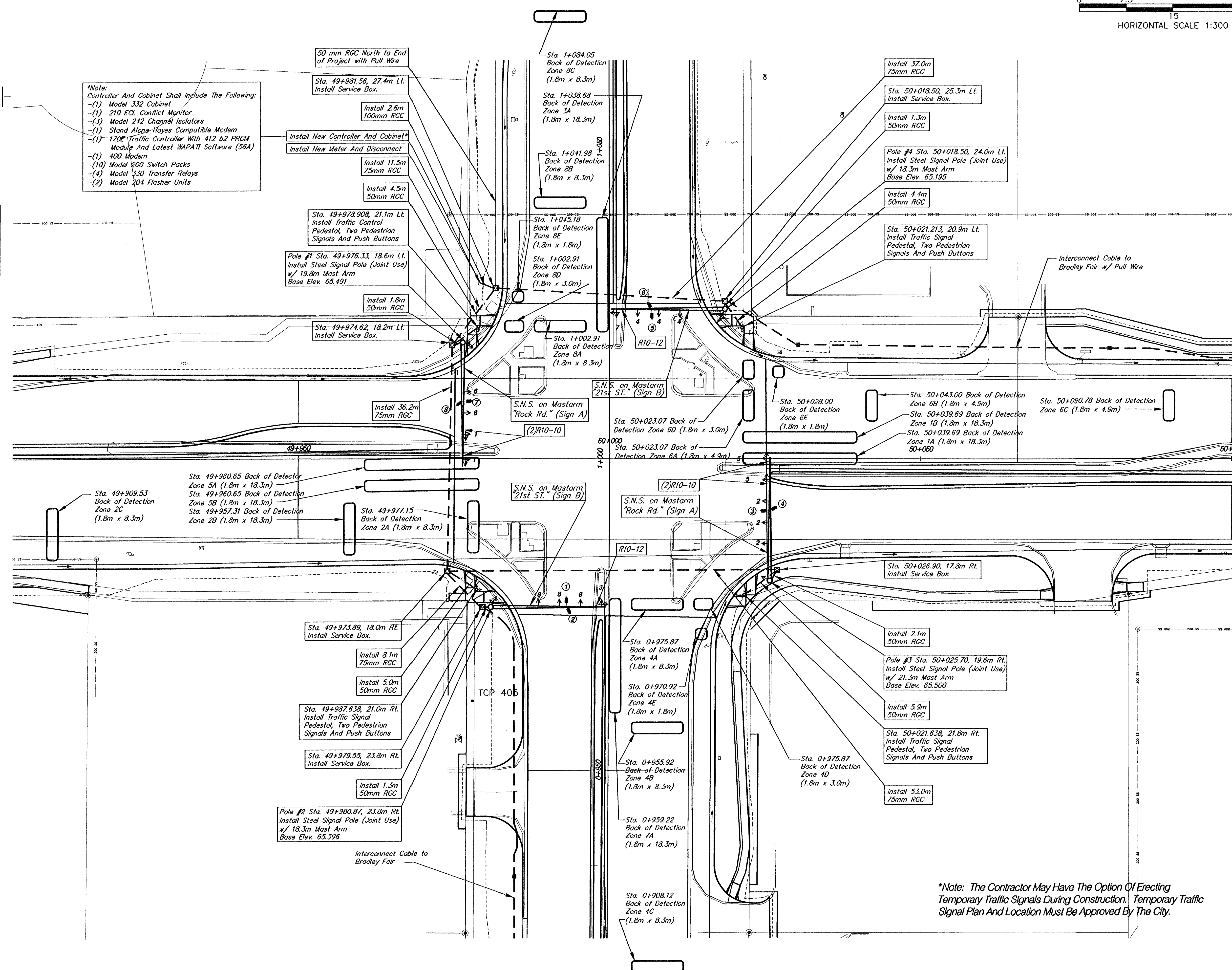


**N 21st STREET
TRAFFIC SIGNAL PLAN
STA. 49+900 - 50+100**

HWS Consulting Group Inc. Omaha Office
10844 Old Mill Rd., Ste 1
Omaha, NE 68154
Phone: (402) 335-5792
Fax: (402) 335-2248

Designed By: GWE
Checked By: RJK
Drawn By: TS
Date: 03-25-2002
Job No: 55-70-2003

Note:
Controller And Cabinet Shall Include The Following:
-(1) Model 332 Cabinet
-(1) 210 EOL Conflict Monitor
-(3) Model 242 Channel Isolators
-(1) Stand Alone Hayes Compatible Modem
-(1) 170E Traffic Controller With 412 b2 PROM
Module And Latest WAPATI Software (56A)
-(1) 400 Modem
-(10) Model 200 Switch Packs
-(4) Model 330 Transfer Relays
-(2) Model 204 Flasher Units



*Note: The Contractor May Have The Option Of Erecting
Temporary Traffic Signals During Construction. Temporary Traffic
Signal Plan And Location Must Be Approved By The City.