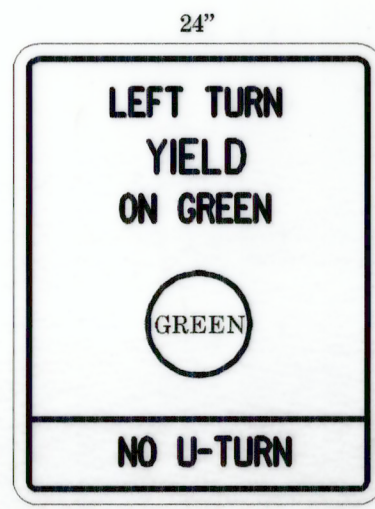
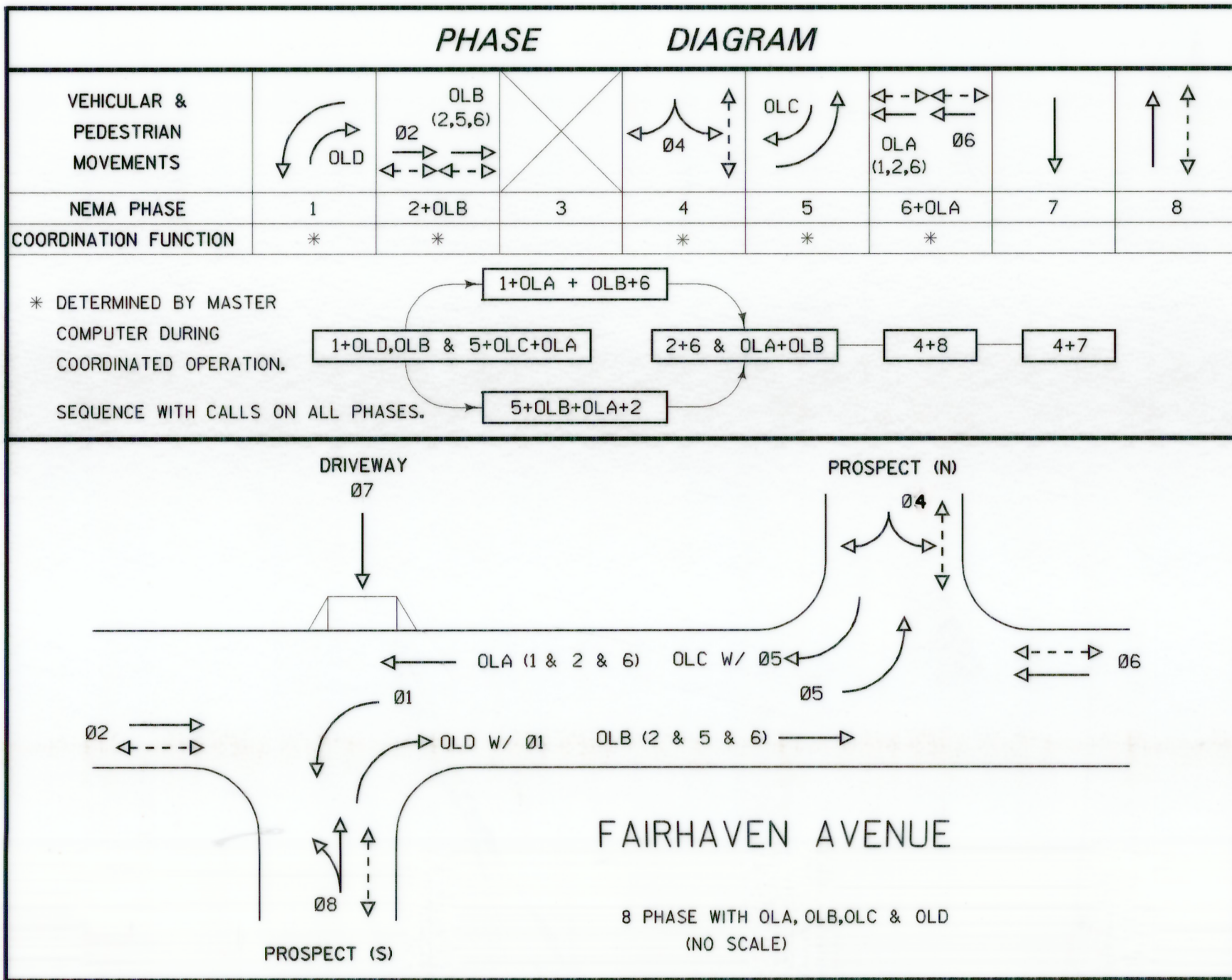


CONDUCTOR SCHEDULE		RUN									
AWG	CIRCUIT	1	2	3	4	5	6	7	8	9	10
3*20	EVP	---	1	1	2	3	---	---	---	---	---
6*19	VIDEO CAMERA	1	1	---	---	---	---	---	---	---	---
#10	SIGNAL COMMON	1	1	1	1	1	1	1	1	1	1
	LUMINAIRE	2	2	---	---	2	2	2	2	2	---
	TOTAL	3	3	1	1	3	3	3	3	3	1
	01	---	---	---	---	---	---	---	---	---	---
	02	3	5	---	---	5	---	---	1	1	5
	03	---	---	---	---	---	---	---	2	2	---
	05	---	---	---	---	---	---	---	1	1	---
DLC	06	---	---	---	1	3	---	---	5	5	1
	07	---	2	---	2	---	---	---	---	---	2
TOTAL		3	7	---	9	3	---	2	9	9	9
6 PAIR*22(PHONE DROP)		---	---	1	1	---	---	---	---	---	---
SCC-3		1	3	---	4	2	1	1	4	4	4
SCC-5		1	1	---	2	1	---	---	1	1	2
SCC-12		2	3	1	2	6	1	1	2	5	6
CONDUIT SIZE		3"	3"	3"	3"	4"	3"	3"	4"	4"	4"

POLE SCHEDULE											
NO.	TYPE	HEIGHT	SIGNAL M.A.	H.P.S.V. LUMINAIRE M.A.	WATTS	SIGNAL MOUNTING VEH. M.A.	PED. M.A.	PED. PUSH BUTTON PHASE	FOUNDATION TYPE	SIZE	REFLECTORIZED STREET NAME SIGN
1	19-3-129	30'	25'	12'	200	SV-1-T	MAS	SP-1-CS	8	W	C 3'-0"X8'-10"
2	1-A	10'	---	---	---	TV-2-T	---	SP-1-CS	2	N	S 2'-0"X3'-0"
3	15	30'	---	15'	200	SV-1-T	---	---	2	N	C 2'-6"X5'-0"
4	15	30'	---	15'	200	TV-1-T	---	SP-1-CS	---	---	C 2'-6"X5'-0"
5	24-4-129	30'	35'	---	---	SV-2-TA	2-MAS	---	---	---	C 3'-0"X8'-10"
6	1-A	10'	---	---	---	TV-1-T	---	SP-1-CS	2	N	S 2'-0"X3'-0"
7	1-A	10'	---	---	---	TV-3-T	---	SP-2-CS	2	N	S 2'-0"X3'-0"
8	18-3-129	17'	20'	---	---	SV-1-T	MAS	SP-1-CS	---	---	C 3'-0"X8'-10"
9	1-A	10'	---	---	---	TV-1-T	---	SP-1-CS	6	S	S 2'-0"X3'-0"
10	15	30'	---	15'	200	---	---	SP-1-CS	6	S	C 2'-6"X5'-0"
11	1-A	10'	---	---	---	TV-1-T	---	SP-1-CS	4	W	S 2'-0"X3'-0"
12	24-4-129	30'	35'	15'	200	SV-2-TA	2-MAS	SP-1-CS	4	W	C 3'-0"X8'-10"
13	19-3-129	17'	30'	15'	200	SV-2-TA	MAS	---	---	---	C 3'-0"X8'-10"



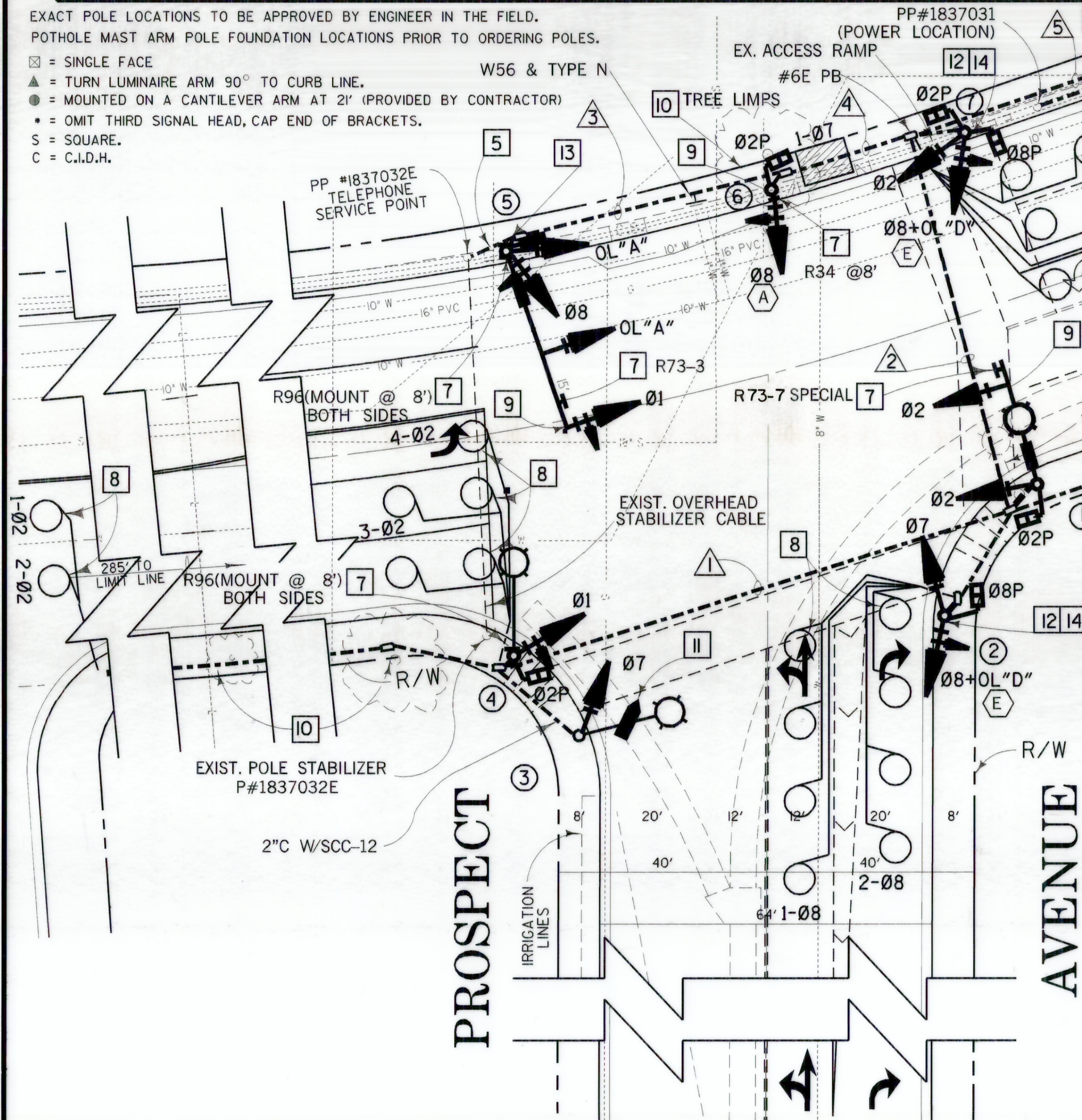
R73-7 - SPECIAL
(24" X 30" WHITE REFLECTIVE BACK WITH BLACK LETTERS AND BORDER)



☒ - DETECTOR LOOP LOCATIONS SHALL BE APPROVED BY ENGINEER IN FIELD PRIOR TO INSTALLATION. ALL DETECTOR UNITS SHALL BE RACK MOUNTED, DUAL CHANNEL.



INDUCTIVE LOOP DETECTOR SCHEDULE		
SENSOR UNIT	CHANNEL	DETECTOR
#1	1	1-05
#2	2	1-02
	2	3-02
#3	1	4-02
	2	5-02
#4	1	6-02
	2	1-01
#5	1	1-06
	2	2-06
#6	1	3-06
	2	4-06
#7	1	5-06
	2	6-06
#8	1	1-08
	2	2-08
#9	1	1-07
	2	1-04
#10	1	2-04
	2	SPARE
#11	1	EVP-1
	2	EVP-2
#12	1	EVP-3
	2	EVP-4
#13	1	EVP-5
	2	EVP-6



FAIRHAVEN AVENUE

CONSTRUCTION NOTES:

- CONSTRUCT P.C. CONCRETE SIZE "6" CONTROLLER CABINET FOUNDATION.
- FURNISH & INSTALL TRAFFIC CONTROLLER IN A FULLY WIRED SIZE "6" ALUMINUM CABINET WITH AN EXTERIOR MOUNTED CABINET FOR BATTERY BACKUP SYSTEM PER THIS PLAN AND THE SPECIAL PROVISIONS. FACE CABINET DOOR TOWARDS FAIRHAVEN AVENUE.
- FURNISH & INSTALL TYPE III-B ELECTRICAL SERVICE CABINET WITH A 100A MAIN, 50A SIGNAL, 30A (UNMETERED) STREET LIGHTING WITH TYPE V (DELAY TYPE) PHOTOCELL (IN THE BREAKER AREA OF THE CABINET) AND FOUNDATION.
- FURNISH & INSTALL 3" CONDUIT, 3#6 CONDUCTOR FOR ELECTRICAL SERVICE CONNECTION PER DETAIL K OF THIS SHEET.
- FURNISH & INSTALL 6 PAIR #22 TWISTED, SHIELDED INTERCONNECT TELEPHONE CABLE FOR TELEPHONE SERVICE CONNECTION.
- CONSTRUCT WHEELCHAIR ACCESS RAMP PER OCPFRD STD. PLAN 1115, AS INDICATED.
- FURNISH & INSTALL SIGN AS INDICATED.
- FURNISH AND INSTALL DETECTOR LOOPS AS INDICATED.
- FURNISH AND INSTALL EVP CABLE FROM END OF MASTARM TO CONTROLLER CABINET AND COIL 10' OF CABLE INSIDE OF CABINET.
- CLEAR VEGETATION TO R/W LIMITS.
- FURNISH & INSTALL VIDEO DETECTOR CAMERA ON LUMINAIRE MASTARM PER SPECIAL PROVISIONS.
- FURNISH & INSTALL BANDSTRAP AT TOP OF SIGNAL INDICATION FRAME TO SIGNAL POLE (SEE DETAIL "E").
- CUT SIGNAL POLE AT 23' (7.0 M) AND INSTALL POLE CAP. PROVIDE AND INSTALL RSNS MASTARM TO POLE SHAFT.
- PROVIDE AND INSTALL BRONZE TERMINAL BLOCKS ON ALL 5-SECTION HEADS.

•The County of Orange will be constructing a storm drain system at this intersection concurrently with this CONTRACT. CONTRACTOR shall coordinate work effort with the County's storm drain Contractor.

1/2 0 2
3 inches on original drawing

LEGEND:

- DETECTION AREA
- VIDEO CAMERA
- INSTALL DETAIL "A"
- INSTALL DETAIL "E"

GENERAL NOTES:

SEE SHEET 4 FOR ADDITIONAL SIGNING & STRIPING
SEE SHEET 6 FOR ADDITIONAL NOTES

APPROVED: *[Signature]* 2-8-02
DATE: 2-8-02
CITY OF ORANGE

APPROVED: *[Signature]* 2-7-02
DATE: 2-7-02
CITY OF ORANGE

APPROVED: *[Signature]* 2-7-02
DATE: 2-7-02
CITY OF ORANGE

ORANGE COUNTY
PUBLIC FACILITIES & RESOURCES DEPARTMENT

**FAIRHAVEN AVENUE
AT
PROSPECT AVENUE**

SIGNATURE: *[Signature]*
DATE: 2-8-02
SHEET 2 OF 6

DESIGNED: L. ABAD
DRAWN: T. PHAM/KY. N.
CHECKED: L. ABAD

SCALE: AS SHOWN
DATE: NOV. 01
EPR10163