

CONDUCTOR SCHEDULE			
AWG	CIRCUIT	RUN	
# 14	Ø1	3	6
	Ø2	3	3
	Ø4	3	3
	Ø6	3	6
	SPARES	6	12
TOTAL		9	30
# 10	SIGNAL & SIGN COMMON LUMINAIRE		
	TOTAL	2	2
	TOTAL	1	4
# 8	SIGNAL AHEAD FLASHER		
	Ø1	1	1
	Ø2		1
	Ø4		2
DLC	Ø6	1	1
	TOTAL	2	2
	TOTAL	2	5
CONDUIT SIZE		2"	3"

TRENCHING OF CONDUITS WILL BE ALLOWED IN LIEU OF JACKING, AS APPROVED BY ENGINEER IN THE FIELD.

INDUCTIVE LOOP DETECTOR SCHEDULE		
SENSOR UNIT	CHANNEL	DETECTOR
# 1	1	1-Ø2
	2	* 2-Ø4
# 2	1	1-Ø6
	2	1-Ø4
# 3	1	1-Ø1
	2	SPARE

Ø- DETECTOR LOOP LOCATIONS SHALL BE APPROVED BY ENGINEER IN FIELD PRIOR TO INSTALLATION.
●- SYSTEM SHALL BE INSTALLED WITHIN 10-15 SEC. MIN.
▲- INTEGRAL CALL HOLD CAPABILITY (10-15 SEC. MIN.)
*- INTEGRAL CALL DELAY CAPABILITY (10-30 SEC. MIN.)

GENERAL NOTES:

SEE SHEET 5

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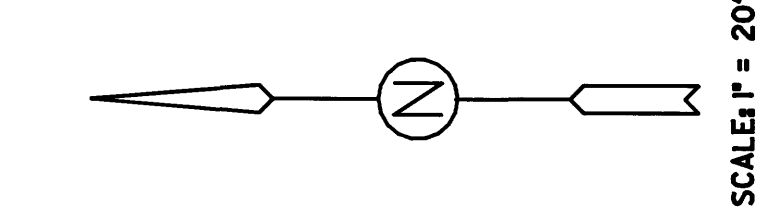
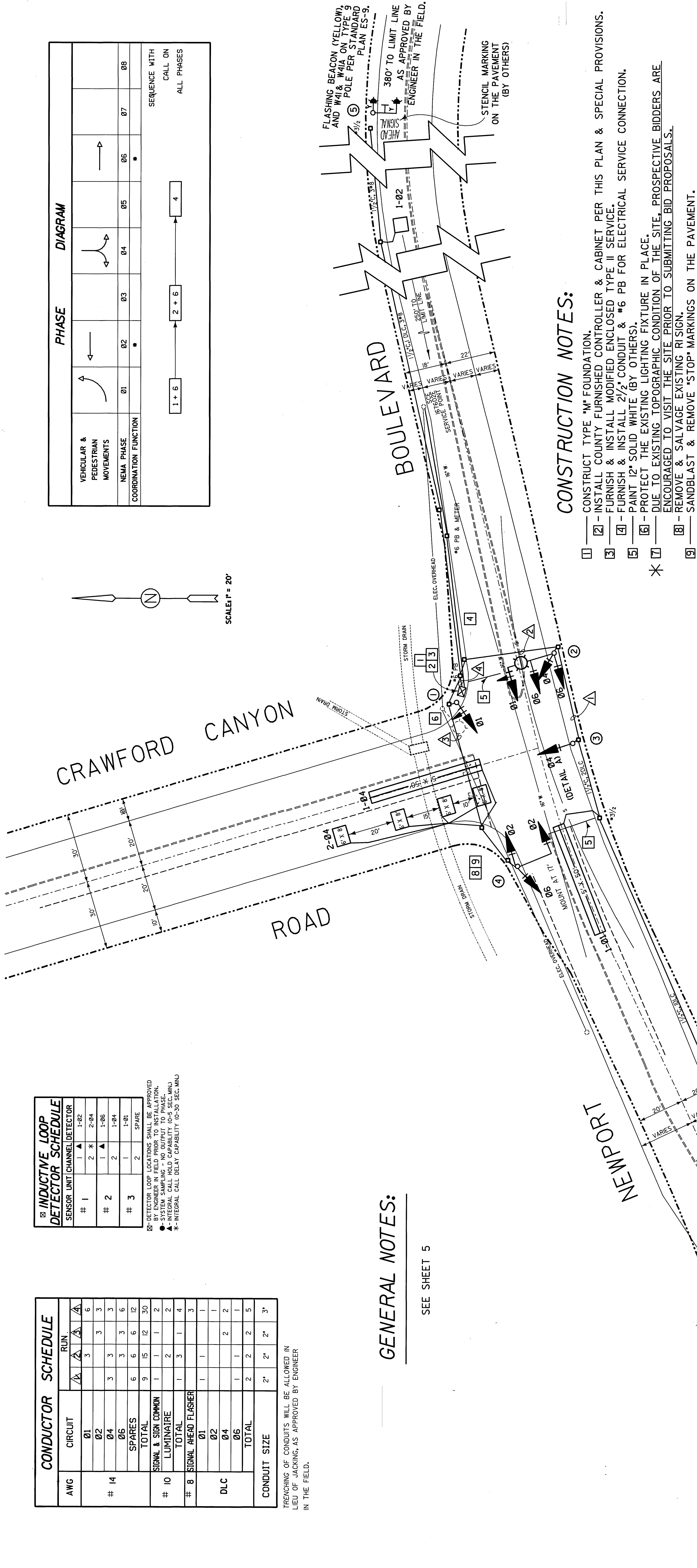
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POLE SCHEDULE									
POLE DATA		SIGNAL		H.P.S. LIGHTS		SIGNAL MOUNTING		P.P.B.	
NO.	TYPE	HEIGHT	M.A.	M.A.	WATTS	VEH.	M.A.	PHASE	QUAD
1	I-A	10'	---	---	---	TV-I-T	---	---	S 2'-0" X 3'-0"
2	I7-3-70	30'	20'	15'	250	SV-2-T	2-MAS	---	C 2'-6" X 8'-0"
3	I-A	10'	---	---	---	TV-I-T	---	---	S 2'-0" X 3'-0"
4	I8-2-70	17'	20'	---	---	SV-2-T	MAS	---	C 2'-6" X 6'-0"
5	TYPE 9	19'	18'	---	---	---	2-MAS	---	C 3'-0" X 5'-0"

COUNTY WILL FURNISH ALL THE POLES. CONTRACTOR SHALL VERIFY BOLT PATTERNS, FURNISH ANCHOR BOLTS, CONSTRUCT FOUNDATIONS, INSTALL POLES, AND FURNISH & INSTALL ALL THE FIXTURES PER THIS PLAN & SPECIAL PROVISIONS.

C = C.I.D.H.
S = SQUARE

FURNISH & INSTALL W41 (48" X 48") & W41A 1000' TO LIMIT LINE AS APPROVED BY ENGINEER IN THE FIELD



VEHICULAR & PEDESTRIAN MOVEMENTS		PHASE				DIAGRAM	
NEMA PHASE	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø8
	←	→	↔	↔	↔	↔	↔
	↔	↔	↔	↔	↔	↔	↔
	↔	↔	↔	↔	↔	↔	↔
	↔	↔	↔	↔	↔	↔	↔
COORDINATION FUNCTION		•	•	•	•	•	•
		SEQUENCE WITH CALL ON ALL PHASES					
		1 + 6 2 + 6 4					

CONSTRUCTION NOTES:

- 1 - CONSTRUCT TYPE "M" FOUNDATION.
- 2 - INSTALL COUNTY FURNISHED CONTROLLER & CABINET PER THIS PLAN & SPECIAL PROVISIONS.
- 3 - FURNISH & INSTALL MODIFIED ENCLOSED TYPE II SERVICE.
- 4 - FURNISH & INSTALL 2 1/2" CONDUIT & #6 PB FOR ELECTRICAL SERVICE CONNECTION.
- 5 - PAINT 12" SOLID WHITE (BY OTHERS).
- 6 - PROTECT THE EXISTING LIGHTING FIXTURE IN PLACE.
- 7 - DUE TO EXISTING TOPOGRAPHIC CONDITION OF THE SITE, PROSPECTIVE BIDDERS ARE ENCOURAGED TO VISIT THE SITE PRIOR TO SUBMITTING BID PROPOSALS.
- 8 - REMOVE & SALVAGE EXISTING RISIN.
- 9 - SANDBLAST & REMOVE "STOP" MARKINGS ON THE PAVEMENT.



ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY		NEWPORT BOULEVARD AT CRAWFORD CANYON ROAD	
MARK	DATE	DESCRIPTION	REVISIONS
DESIGNED: J. BALABOOR	DATE: JULY 87	SCALE: AS SHOWN	W.D. NO. R00040
DRAWN: C. MANSFIELD	CHECKED: J. OCHOA	PROJECT NO. 87004	SHEET 3 OF 5