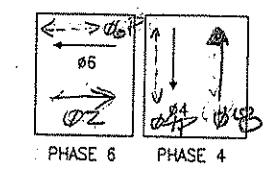


PHASE DIAGRAM



PHASE SEQUENCE

G	Y	R
R	G	Y
RH	FRH	RH
RH	FRH	RH

FELL ST.
CENTRAL AVE.
XINA CENTRAL
XINA FELL

SHEET NOTES:

1. ADDITIONAL PULL BOXES, CONDUIT AND 12/C TO BE FURNISHED AND INSTALLED AT THIS INTERSECTION ARE SHOWN ON DWG. E-43.0.
2. ON SOUTHEAST CORNER, TEMPORARILY BACK FILL TRENCH AND COORDINATE WITH TERRY WEBSTER OF DPW CEMENT SHOP AT 692-2648 TO CONSTRUCT CURB RAMP.
3. FOR EXISTING 1-A POLE, REUSE EXISTING POLE TOP ADAPTER UPON WHICH STANDARD POLE TOP SIGNAL FITTING WILL BE USED.
4. CONTRACTOR SHALL VERIFY THE VOLTAGE OF EACH EXISTING STREET LIGHT LUMINAIRE SO THE NEW STREET LIGHT LUMINAIRE REPLACING THE OLD LUMINAIRE SHALL HAVE THE SAME VOLTAGE.

DETAIL NOTES:

- A4 EX CONDUIT AND WIRING. R/C EX WIRING AND CONDUIT. REPAIR SIDEWALK & LANDSCAPING TO MATCH EX.
- A5 EX CONDUIT AND WIRING. R/C EX WIRING. CUT CONDUIT FLUSH TO PULL BOX WALL OR 12" DEPTH, CAP OR DUCT SEAL END(S).
- B1 SPLICE NEW WIRING TO EX SL WIRING TO ACTIVATE NEW SL CIRCUIT.
- B2 F/I WITH INTEGRAL BALLAST AND PHOTOELECTRIC CONTROL. F/I FUSE AND FUSE HOLDERS PER SFPDWP #49,092.
- B3 CONTRACTOR SHALL PROTECT EX SL CONDUIT AND WIRING TO MAINTAIN EX SL SYSTEM.
- D CHIP EX FOUNDATION CAREFULLY TO BRING CONDUIT INTO BASE OF STANDARD OR CONTROLLER CABINET AND REPAIR AFTER INSTALLATION.
- E2 PULL BOX IN UNPAVED AREA. SEE SFPDWP #49,093 CH. 1.
- F3 EX CONDUIT AND 12/C. R/C EX 12/C. CUT CONDUIT FLUSH TO PULL BOX WALL OR 12" DEPTH, CAP OR DUCT SEAL END(S). FOR CONTINUOUS DISTANCE BETWEEN THE CONTROLLERS FROM OAK STREET TO FELL STREET, SEE DWG. E-43.0.
- N F/I IN-LINE FUSE HOLDER WITH 40A FUSE FOR NEW IC SERVICE. F/I GROUND ROD.

6/03	AS-BUILT	DW	SL
5/01	CHANGE ORDER #3 MSF - HOMERUN	JP	SL
4/01	CHANGE ORDER #3	JE	SL
2/00	ISSUED FOR BID	EF	NKS

TABLE OF REVISIONS
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION

REFERENCE INFORMATION
& FILE NO. OF SURVEYS

BUREAU OF ENGINEERING
DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF SAN FRANCISCO

DESIGNED: DATE: 02/00
DVS/MJ
DRAWN: DATE: 02/00
MJ
CHECKED: DATE: 02/00
NKS

APPROVED

SECTION MANAGER DATE:
DIVISION MANAGER DATE:
CITY ENGINEER DATE:

SCALE:
1"=10'
SHEET OF SHEETS
72 OF 89

OAK AND FELL STREETS
TRAFFIC SIGNAL UPGRADE
CENTRAL AND FELL STREETS

SPECIFICATION NO. 1660N
DRAWING NO. E-36.0
FILE NO. 74213
REV. NO. 0

AS BUILT DRAWING
APPROVAL SIGNATURES ON ORIGINAL CONTRACT DRAWINGS.

EXTERNAL REFERENCES: SHEETS
POINTS USED: FONTS
SCALE FACTOR: XX
PLOT SCALE: 1=1
ORIGIN: ELECTRICAL

[illegible]

POLES		LUMINAIRE (HPS)	VEHICULAR SIGNALS			PEDESTRIAN SIGNALS			REMARKS
POLE ID	TYPE	VOLTAGE/WATTS	NO	TYPE	MOUNTING (F/I)	NO	TYPE	MOUNTING (F/I)	
1	EX MARBLELITE		22	3S8"	TV-1	69 88	15-COUNT	SP-1 SF (12') SP-1 (12')	D
2*	1-A (10')		42	3S8"	TV-1	69	"	SP-1	
3	STREETLIGHT 10' ARM	240V/100W	41 62	3S8" 3S8"	SV-2-TC	48	"	SP-1	B2
4	16-1-70 15' MASTARM		61 64 82	3S8" 3S12" 3S8"	SV-2-TA MAS	49 68	" "	SP-1 SF (12') SP-1 (12')	BACKPLATE

OK

5 EXPERTISE - - - (49) " SP-1

B2 F/I WITH INTEGRAL BALLAST AND PHOTOELECTRIC CONTROL.
F/I FUSE AND FUSE HOLDERS PER SFPDPSW #49,092.

D CHIP EX FOUNDATION CAREFULLY TO BRING CONDUIT INTO
BASE OF STANDARD OR CONTROLLER CABINET AND REPAIR
AFTER INSTALLATION.

REFERENCE INFORMATION & FILE NO. OF SURVEYS	
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BUREAU OF ENGINEERING
DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF SAN FRANCISCO



DESIGNED: DATE:	APPROVED	
DVS/MJ 02/00		
DRAWN: DATE:	SECTION MANAGER	DATE
MJ 02/00		
CHECKED: DATE:	DIVISION MANAGER	DATE
NKS 02/00		
	CITY ENGINEER	DATE

SCALE:	NONE
SHEET OF SHEETS	73 OF 89

OAK AND FELL STREETS
TRAFFIC SIGNAL UPGRADE

CENTRAL AND FELL STREETS SCHEDULES

SPECIFICATION NO.	1660N
DRAWING NO.	E-36.1
FILE NO.	74214
REV. NO.	

EXTERNAL REFERENCES: XREFS
 FONTS USED: FONTS

SCALE FACTOR: XX
PLOT SCALE: 1=1

ORIGIN: ELECTRICAL