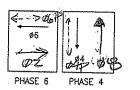
PHASE DIAGRAM

PHASE SEQUENCE



G	Υ	R	_	FELL ST.
R		G	Y	CENTRAL AVE.
2 FRH		RH		XING CENTRAL
RH		子 FRII	R	XINGFELL

SHEET NOTES:

- ADDITIONAL PULL BOXES, CONDUIT AND 12/C TO BE FURNISHED AND INSTALLED AT THIS INTERSECTION ARE SHOWN ON DWG. E-43.0.
- ON SOUTHEAST CORNER, TEMPORARILY BACK FILL TRENCH AND COORDINATE WITH TERRY WEBSTER OF DPW CEMENT SHOP AT 692-2648 TO CONSTRUCT CURB RAMP.
- FOR EXISTING 1-A POLE, REUSE EXISTING POLE TOP ADAPTER UPON WHICH STANDARD POLE TOP SIGNAL FITTING WILL BE USED.
- 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:

- EX CONDUIT AND WIRING, R/C EX WIRING AND CONDUIT, REPAIR SIDEWALK & LANDSCAPING TO MATCH EX.
- EX CONDUIT AND WIRING, R/C EX WIRING, CUT CONDUIT FLUSH TO PULL BOX WALL OR 12" DEPTH, CAP OR DUCT SFAI FND(S).
- SPLICE NEW WIRING TO EX SL WIRING TO ACTIVATE NEW SL CIRCUIT.
- F/I WITH INTEGRAL BALLAST AND PHOTOELECTRIC CONTROL. F/I FUSE AND FUSE HOLDERS PER SFDPWSP #49,092.
- (EX. SYSTEM.
- CHIP EX FOUNDATION CAREFULLY TO BRING CONDUIT INTO BASE OF STANDARD OR CONTROLLER CABINET AND REPAIR AFTER INSTALLATION.
- PULL BOX IN UNPAVED AREA, SEE SFDPWSP #49,093 CH. 1.
- 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.
- F/1 IN-LINE FUSE HOLDER WITH 40A FUSE FOR NEW IC SERVICE.

AS BUILT DRAWING APPROVAL SIGNATURES ON ORIGINAL CONTRACT DRAWINGS.

6/03 AS-BUILT DW SL

\$\lambda\$ 5/01 CHANGE ORDER \$\frac{3}{3}\$ MSF- HOMERUN JP SL

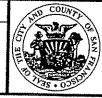
\$\lambda\$ 4/01 CHANGE ORDER \$\frac{3}{3}\$ JE SL

\$\lambda\$ 2/00 ISSUED FOR BID DESCRIPTION EF NKS

NO. DATE DESCRIPTION BY APP.

TABLE OF REVISIONS

CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION



BUREAU OF ENGINEERING

DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF SAN FRANCISCO

SED MOTESTON	
# F11900	
* Exp. 12/2000	/*//
OF CHIEF	

	DESIGNED:	CATE:	
	DVS/MJ	02/00	
	DRAWN:	CATE:	SEC
*	MJ	02/00	Divis
//	CHECKED:	DATE:	-
	NKS	02/00	ar

TE:	APPROVED	SCA
00		•
TE:	SECTION MANAGER DATE:	
00		SHE
E.	DIVISION MANAGER DATE:	
00		7
٧V	CITY ENGINEER DATE:	Ī

-					
	SCALE:	OAK AND FELL STREETS	SPECIFICATION NO. 1660N		
Ē:	1"=10"	TRAFFIC SIGNAL UPGRADE	DRAWING NO. E-36.0		
5	SHEET OF SHEETS		FILE NO.		
-	72 OF 89	CENTRAL AND FELL STREETS	74213 REV. NO.		

SCALE FACTOR: XX PLOT SCALE: 1=1

ORIGIN: ELECTRICAL

E-28.0

LE NAME, E-28.0

		········				***********		CO	ND	UIT	- A	ND) W	/IRII	<u></u>	50		- N:	11 6	<u>.</u>						
	CONDUIT RUN NUMBER	Δ	A	2	2A	3	4	A	<u>\$</u>	<u>6</u>	A	8	<u></u>	A	A	TA	TA	T		<u>-</u>	1	 	Т	T		
CC	ONDUIT SIZE IN INCHE(S)	2 (53)	1 ½ (41.8	2 (53)	1 1/2 (41.8)	2 (53)	2 (53)	1 1/2 (41.8)	2 (53)	2 (53)	2 (53)	2 (53)	(53)	1 1/2	(53)	(53)	(53)		1	 	-	+	-	-	-	-
	NOTES												 	<u> </u>	, ,	SP	SP		1	1	 	-		-	-	
	#14 WIRES			ļ			<u> </u>					 	 	╁┈╴		 			┼	+		+		-	┿	<u> </u>
	SIGNAL 61	3		3	<u> </u>		3	-					3	 			<u> </u>	<u> </u>								
	SIGNAL 64	3		3	 		3						3	 		 	ļ	<u> </u>	↓			<u> </u>		ŀ		
	SIGNAL 82	3		3			3						3				<u> </u>	ļ	 							
	SIGNAL 22					3	3						3	 				ļ	<u> </u>		<u> </u>	<u> </u>				
	SIGNAL 41								3	3		3	<u> ~ </u>	 		ļ		ļ	╀	 -		ļ				
	SIGNAL 62								3	3	~~~~	3	 				<u> </u>	 		-				1	1	
	SIGNAL 42										3	3	 	 -			ļ	 -		 	 	<u> </u>	_	1_		
	SIGNAL		-					i					 					ļ	┼	<u> </u>		<u> </u>	<u> </u>			
\subseteq	SIGNAL					İ												ļ	ļ	╀——	 	<u> </u>	 			
£	SIGNAL					-													 	 	 	<u> </u>	<u> </u>		<u> </u>	
0	SIGNAL												 						ļ		ļ				<u> </u>	<u> </u>
WIRING	SIGNAL																		<u> </u>	 	 	<u> </u>	<u> </u>			
₹	SIGNAL																		ļ	ļ	<u> </u>	<u> </u>	<u> </u>	Щ		
į	SIGNAL																		ļ	 	 		ļ	<u> </u>		<u> </u>
L	SIGNAL																		├		 	ļ	ļ		ļ	
	SIGNAL																			ļ	<u> </u>	<u> -</u>	ļ	0		
	SIGNAL																		<u> </u>	 	 					
	SIGNAL																		<u> </u>	ļ	 	ļ	1	<u> </u>	<u> </u>	
	SIGNAL					_														ļ	ļ	<u> </u>	<u> </u>	<u> </u>		
L	SIGNAL	1																		<u> </u>	ļ		ļ	<u> </u>	<u> </u>	
	SIGNAL																			<u>ļ</u>		<u> </u>		<u> </u>		
L	SIGNAL																			ļ	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
L	SIGNAL			~																ļ				1	<u> </u>	
	SIGNAL																	· ·						ļ		
									+												<u> </u>			<u> </u>		
																				<u> </u>				<u> </u>		
<u> </u>																				ļ			ļ	ļ		<u> </u>
L	SPARE			3			3			3		3	3								ļ		<u> </u>	<u> </u>		
	#14 WRES NEUTRAL	2				1			1		ҭ҅		<u> </u>											ļ		
	TOTAL #14 WRES	11		12		4	15		7	9		12	15		\dashv									:		
	#10 WIRES NEUTRAL			1		-	2	_		, +		2	2		-									L	L	
Į.	8 WIRES (120V SERVICE)		2		2		-	2	-+			-		- - +												
#	8 WIRES (STREET LIGHT)				-+			-+	2					2												
Đ	ETECTOR LEAD-IN CABLE						-		-	-+																
E	12C CABLE		$\neg +$							<u></u>																
	1/4" PULL CABLE			1	1	-	1	1		1	\dashv	1 +	1		-+											
	#6 BSCW		1		i 			$\dagger +$	$\neg +$	$\dot{-}+$	-	' +		++	1	<u> </u>	1									
П															<u> </u>											

POLE AND EQUIPMENT SCHEDULE

POLES		LUMINAIRE (HPS)	T	VEHICULAR SIGNALS			PEDESTRIAN	SIGNALS		
POLE ID	TYPE	VOLTAGE/WATTS	NO	TYPE	MOUNTING (F/I)	NO	TYPE	MOUNTING (F/I)	REMARKS	
1	EX MARBLELITE		22	3S8"	TV-1	69	15-COUNT	SP-JANUARY	. 0	
2*	1-A (10')		42	358"	TV-1	29		SP-TCIZ"	·	
3	STREETLIGHT 10' ARM	. 240V/100W	41 52	358" 358"	SV-2-TC	48	Ħ	Sp-I	€2>	
4	16-1-70 15' MASTARM		61 64 82	JS8" 3\$12" JS8"	SV-2-TA MAS	49 68		SP-1/(124)	BACKPLATE	

*FIELD CHECK POLE LOCATION RELATIVE TO XWALK; MAY NEED NEW 1-A (4') POLE.

EX GREETUSHT

DETAIL NOTES:

- F/I WITH INTEGRAL BALLAST AND PHOTOELECTRIC CONTROL.
 F/I FUSE AND FUSE HOLDERS PER SFDPWSP #49,092.
- CHIP EX FOUNDATION CAREFULLY TO BRING CONDUIT INTO BASE OF STANDARD OR CONTROLLER CABINET AND REPAIR AFTER INSTALLATION.

AS BUILT DRAWING APPROVAL SIGNATURES ON ORIGINAL CONTRACT DRAWINGS.

6/03 AS-BUILT REFERENCE INFORMATION & FILE NO. OF SURVEYS A 5/01 CHANGE ORDER \$3 MSF- HOMERUN

A 4/01 CHANGE ORDER \$3

A 2/00 ISSUED FOR BID

NO. DATE DESCRIPTION JP SL JE SL EF NKS BY APP. TABLE OF REVISIONS
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION



BUREAU OF ENGINEERING

DEPARTMENT OF PUBLIC WORKS CITY AND COUNTY OF SAN FRANCISCO

MOTESSON
Ho. E11900 * Exp. 12/2000 *
Exp. 12/2000
o carro

ENGAED:	DATE	APPROVED
LM/SVI	02/00	
RAWN:	DATE:	SECTION MANAGER
IJ	02/00	DIVISION MANAGER
HECKED:	DATE:	CHICKE BANGER
KS	02/00	CON ENGINEERS

D	SCALE:					
DATE:	NONE					
DATE	SHEET OF SHEETS					
	73 OF 89					

	OAK AND FELL STREETS	SPECIFICATION NO 1660N
	TRAFFIC SIGNAL UPGRADE	DRAWING NO. E-36.1
}		FILE NO.
9	CENTRAL AND FELL STREETS SCHEDULES	74214
	THE STREET STREET	REV. NO.