

**TRAFFIC SIGNAL LEGEND**

- TRAFFIC SIGNAL CONTROLLER
- ELEC. CONDUIT (SIZE NOTED ON PLANS)
- SIZE II PULL BOX
- SIZE II PULL BOX WITH APRON
- SIZE III PULL BOX
- SIZE III PULL BOX WITH APRON
- VEHICULAR SIGNAL HEAD WITH BACKPLATE
- PEDESTRIAN SIGNAL HEAD
- VIDEO DETECTION CAMERA
- OPTICAL DETECTOR SYMBOL
- PEDESTRIAN PUSH BUTTON
- MAST ARM MOUNTED STANDARD SIGN
- MAST ARM MOUNTED SIGN
- PEDESTAL POLE
- SERVICE POLE
- MAST ARM WITH POLE AND LUMINAIRE
- SIGNAL HEAD NUMBER (SEE TABLE #1)
- VIDEO DETECTION AREA
- DETECTION ZONE ID

**TABLE #2 MAST ARMS AND POLES**

POLE	STATION	OFFSET	POLE TYPE	MAST ARM	FOOTING
B	18+66.66	82.0' LT	PEDESTAL POLE (10' HT.)	-	F-1
C	19+23.19	61.1' LT	SIGNAL POLE (30' HT.)	50' T.S.	S-42/50
D	18+33.82	52.1' LT	SIGNAL POLE (30' HT.)	62' T.S.	S-62/70
E	17+90.13	42.4' LT	SIGNAL POLE (30' HT.)	62' T.S.	S-62/70
G	17+41.74	86.9' LT	PEDESTAL POLE (10' HT.)	-	F-1
H	16+90.03	0.56' RT	SIGNAL POLE (30' HT.)	42' T.S.	S-42/50
M	17+74.35	145.3' RT	SIGNAL POLE (30' HT.)	18' T.S.	S-18/24
N	18+30.36	133.8' RT	SIGNAL POLE (30' HT.)	30' T.S.	S-30/36

- NOTES:**
- PHASE 9 SIGNAL SHALL BE IN OPERATION PRIOR TO PHASE 9 CONSTRUCTION BEGINNING.
  - SIGNAL HEADS 6 AND 8 SHALL BE INSTALLED IN THEIR FINAL LOCATIONS ON THE MAST ARMS AND COVERED UNTIL FINAL OPERATION.
  - INSTALL SIGNAL HEADS AS SHOWN ON MAST ARMS FOR PHASE 9 CONSTRUCTION.
  - ADJUST VIDEO DETECTION ZONES AS NEEDED FOR LANE SHIFTS.
  - SEE TRAFFIC CONTROL PLANS FOR PHASE 9 DETAILS.
  - SEE FINAL PLANS FOR PERMANENT SIGNAL DETAILS.

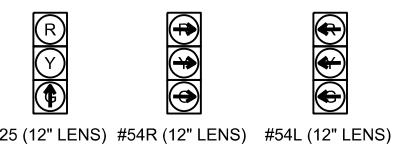
**TABLE #4 EXISTING SIGNAL EQUIPMENT TO BE REMOVED**

STATION	OFFSET	COMMENT
16+88	76' RT	SIGNAL POLE
17+17	64' LT	SIGNAL POLE
18+71	78' RT	SIGNAL POLE
18+84	64' LT	SIGNAL POLE
18+85	65' LT	CONTROLLER

**TABLE #3 ELECTRICAL CABLE TO CONTROLLER "A" LOCATION**

C - 20C#14/7C#14/2C#12UF/VIDEO/OC/#12 THHN GREEN/#6 THHN GREEN	
D - 20C#14/7C#14/2C#12UF/VIDEO/OC/#12 THHN GREEN/#6 THHN GREEN	
E - 20C#14/7C#14/2C#12UF/VIDEO/OC/#12 THHN GREEN/#6 THHN GREEN	
G - 16C#14/7C#14/#12 THHN GREEN/#6 THHN GREEN	
H - 20C#14/2C#12UF/2-VIDEO/OC/#12 THHN GREEN/#6 THHN GREEN	
M - 20C#14/7C#14/2C#12UF/VIDEO/OC/#12 THHN GREEN/#6 THHN GREEN	
N - 20C#14/7C#14/2C#12UF/VIDEO/OC/#12 THHN GREEN/#6 THHN GREEN	
CABLE TERMINAL IDENTIFICATION CODE	
EXAMPLE: B - 12C (B) SIGNAL POLE LOCATION (12C) TWELVE CONDUCTOR CABLE (OC) OPTICAL CABLE	

**SIGNAL HEAD DIAGRAMS**



**TABLE #1 SIGNAL HEADS**

SIGNAL HEAD NUMBER	NUMBER & TYPE	MOUNTING	VISOR	BACKPLATE
1, 2, 16, & 17	4 - (12" LENS) (#54L)	MAST ARM	V-1	B-2
3	2 - (12" LENS) (#54L)	SLIP-FIT	V-1	B-2
4, 5, 6, 8, 9, & 10	6 - (12" LENS) (#25)	MAST ARM	V-1	B-2
7	2 - (12" LENS) (#25)	SLIP-FIT	V-1	B-2
12, 13, 19, & 20	4 - (12" LENS) (#54R)	MAST ARM	V-1	B-2
14	2 - (12" LENS) (#54R)	SLIP-FIT	V-1	B-2

6/8/2022 8:01:37 AM L:\2020\20T25040 - 000T Cl-2225 US-64 US-69 Interchange Drawings\3334304-SIG-PH9-001.dgn

MATCHLINE 20+00

PHASE 9

DESIGN	TCC	06/22	OKLAHOMA DEPARTMENT OF TRANSPORTATION  <b>TEMPORARY SIGNAL PLAN</b> SHEET 1 OF 2				
DRAWN	TCC	06/22					
CHECKED	CEM	06/22					
APPROVED	CEM	06/22					
SQUAD	<b>GARVER</b>						
COUNTY	TULSA	HIGHWAY	US-64	STATE JOB NO.	33343(04)	SHEET NO.	T045

