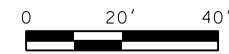


R10-12M (MODIFIED)  
30"x36"

LEGEND. SYMBOL & BORDER - BLACK NON-REFLECTIVE  
ARROW - YELLOW REFLECTIVE  
BACKGROUND - WHITE REFLECTIVE

SEC 28  
T 7 S  
R 8 E  
7+00

REVISIONS		
NO.	DESCRIPTION	DATE
1	Multiple Revisions (Entire Sheet)	10/18/17



**CONTRACTOR SHALL TAKE EVERY PRECAUTION WHEN INSTALLING UNDERGROUND CONDUIT SO AS NOT TO DISTURB EXISTING UNDERGROUND UTILITIES**

POLE "E"  
STA. 5+93.7, 61.1 LT

CONTROLLER "A"  
STA. 5+96.7, 77.7' LT.

POLE "B"  
STA. 5+96.2, 37.6' RT

U.S. 70  
SPEED LIMIT = 55 MPH

Ø1 ØVL B(Ø2) EBLT

Ø6 EB

Ø2 WB

Ø5 OVL A(Ø6) WBLT

POLE "D"  
STA. 4+95.0, 46.5' LT

POLE "C"  
STA. 4+97.6, 46.1' RL

SEC 33  
T 7 S  
R 8 E  
4+00

SEC 34  
T 7 S  
R 8 E

LEGEND	
-----	1 1/2" ELECT. CONDUIT
-----	2" ELECT. CONDUIT
-----	3" ELECT. CONDUIT
-----	4" ELECT. CONDUIT
-----	EXISTING CONDUIT
□	SIZE I PULL BOX
⊗	EXISTING PULL BOX
○	SIZE III PULL BOX
⊠	SERVICE POLE CONTROLLER
⊠	PEDESTRIAN PUSH BUTTON
⊠	WALK AND DON'T WALK
⊠	SIGNAL HEAD WITH BACKPLATE
⊠	LUMINAIRE WITH MAST ARM
⊠	OPTICAL DETECTOR
⊠	VIDEO DETECTION
⊠	STREET NAME SIGN
⊠	MAST ARM WITH POLE
⊠	SIGNAL HEAD NO.
⊠	MAST ARM & POLE WITH ABOVE SYMBOLS
⊠	DETECTOR LOOP/VIDEO DETECTION AREA



SIGNAL HEAD NUMBER	NUMBER AND TYPE	MOUNTING	VISOR	BACKPLATE
1,6	2 - ONEWAY (S-16)L	MAST ARM	V-1	B-2
2,4,5,7,9,10	6 - ONEWAY (S-6)	MAST ARM	V-1	B-2
3,8	2 - ONEWAY (S-13)	MAST ARM	V-1	B-2

LOCATION	MOUNTING HT.	MAST ARMS LENGTHS	FOUNDATION
B	32'	35' T.S. & 10' LUM.	S-40
C	32'	45' T.S. & 10' LUM.	S-55
D	21'	45' T.S.	S-55
E	32'	45' T.S. & 10' LUM.	S-55

ELECTRICAL CABLE TO CONTROLLER "A" LOCATION			
B-21C	C-21C	D-21C	E-21C

VIDEO DETECTION NOTE:  
VIDEO VEHICLE DETECTION WILL BE PROVIDED FOR THIS INTERSECTION. THE DETECTOR LOOPS SHOWN ON THE PAVEMENT ARE SHOWN ONLY TO DEPICT THE AREAS OF DETECTION FOR THE VIDEO DETECTION UNITS ALONG WITH THE PHASES THAT EACH VIDEO DETECTOR UNIT WILL CALL.

10/18/17 G:\OP\Projects\17-2592 US 70 & Silo Rd Signal - EC0858B.Task 3\CADD\T001-33251(04)-SIGNAL.dgn

Design	RWR	10/18/17
Drawn	SB	10/18/17



TRAFFIC SIGNAL PLAN