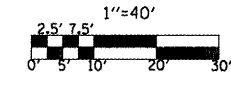


TRAFFIC SIGNAL MODERNIZATION

F.A.U. 7045 (BOWMAN AVE.) & I-74 EASTBOUND RAMPS



SIGNAL LAYOUT



EXIST. CURVE 8008
 PI STA. = 16+79.33
 $\Delta = 14^\circ 37' 30''$ (LT)
 $D = 11^\circ 06' 13''$
 $R = 516.01'$
 $T = 66.22'$
 $L = 131.71'$
 $E = 4.23'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 16+13.11$
 $P.T. STA. = 17+44.82$

EXIST. CURVE 48
 PI STA. = 61+56.08
 $\Delta = 21^\circ 59' 35''$ (RT)
 $D = 2^\circ 51' 53''$
 $R = 1,999.99'$
 $T = 388.63'$
 $L = 767.70'$
 $E = 37.41'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 57+67.45$
 $P.T. STA. = 65+35.15$

LEGEND

- PROPOSED CONTROLLER AND CABINET
- PROPOSED SIGNAL HEAD AND POST
- PROPOSED MAST ARM ASSEMBLY, SIGNAL HEAD, BACKPLATE
- PROPOSED HANDHOLE
- PROPOSED DOUBLE HANDHOLE
- PROPOSED GULFBOX JUNCTION
- PROPOSED SERVICE INSTALLATION

Sta. 62+44 (Bowman)
254.5' RT.
Sta. 16+53.5 (EB Ramp)
23.3' RT.

Sta. 62+32.5
59.6' RT.

Sta. 62+37.6
52.1' RT.
CONC. FDN. TY. A
TS POST A 12'

Sta. 62+75.7
45.2' RT.
CONC. FDN. TY. E 36"
(11'-0")

Sta. 61+69.1
50.4' RT.

Sta. 61+70.2
43.6' RT.
CONC. FDN. TY. A
TS POST A 12'

Sta. 60+33.7
32.2' RT.
CONC. FDN. TY. A
TS POST A 14'

Sta. 60+29.8
34.3' RT.

Sta. 58+36.0
33.6' RT.

Sta. 60+33.1
0.3' LT.
CONC. FDN. TY. A
TS POST A 12'

Sta. 60+37.3
0.4' LT.

Sta. 60+62.4
46.4' LT.
CONC. FDN. TY. E 36"
(13'-0")

Sta. 60+67.1
39.8' LT.

Sta. 61+67.9
38.2' LT.
CONC. FDN. TY. A
TS POST A 12'

Sta. 61+72.5
39.5' LT.

Sta. 61+88.9
89.8' LT.
SERV. INST. TY. A W/ WOOD POLE

Sta. 62+01.9
75.0' LT.
CONC. FDN TY. C
FAC & CABINET TY. 4
UPS

Sta. 62+01.9
68.6' LT.

Sta. 62+07.0
46.3' LT.
CONC. FDN. TY. E (30")
(10'-0")

Sta. 62+15.7
41.3' LT.

Sta. 62+11.7
38.3' LT.
CONC. FDN. TY. A
TS POST A 12'

Sta. 63+93.2
40.3' LT.

Remove Exst. M6.24 &
M6.06 CC&C 81 ft.

Remove Exst. Median
Surface 4" - 82 sq. ft.

PCC Base Course 13"
28 sq yd

Exst. Catch Basin
to be removed
(Exst. Ty. C, 4' depth)

I-74 EB ON RAMP

I-74 EB OFF RAMP

FILE NAME =	USER NAME = biggsrd	DESIGNED - RDB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BOWMAN AVE. & I-74 EB RAMPS SIGNAL LAYOUT	F.A.U. RTE. 7045	SECTION (92-12)TS	COUNTY VERMILION	TOTAL SHEETS 11	SHEET NO. 5		
ct:\pwwork\pwwork\biggsrd\0277273\0570958-Design.dgn	DRAWN - RDB	REVISED -	SCALE: _____			SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 70958				
PLOT SCALE = 48.0000" / in.	CHECKED -	REVISED -	ILLINOIS FED. AID PROJECT									
PLOT DATE = 2/15/2012	DATE -	REVISED -										