

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	54-87 K-6657-01	2002	646	1122

KEYED NOTE:

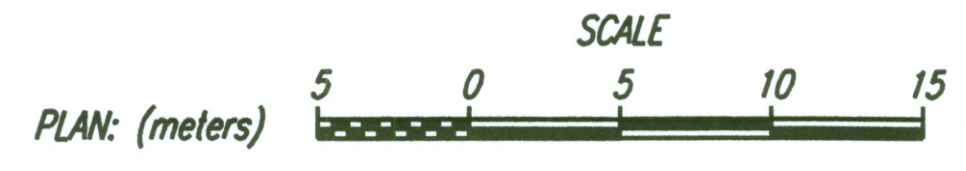
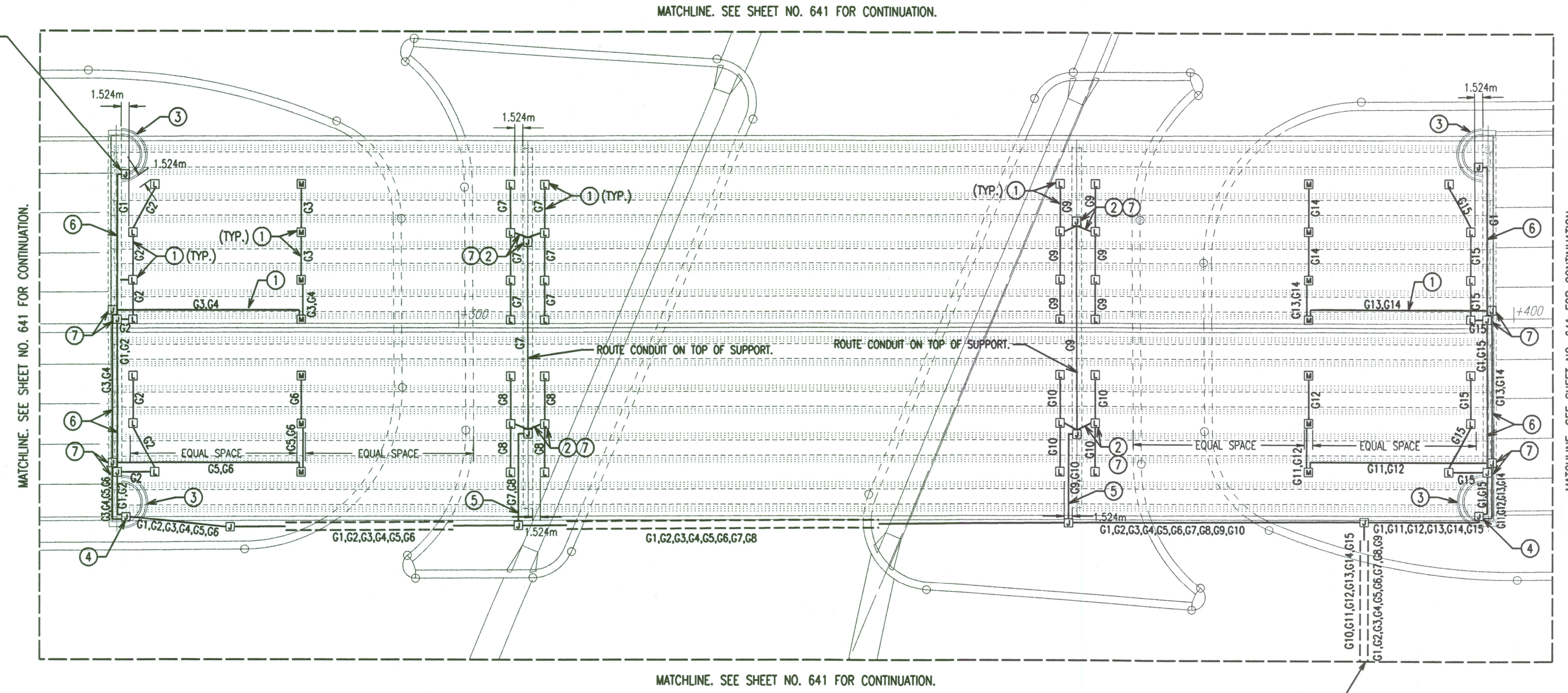
- ① ROUTE CONDUIT BETWEEN UNDERPASS LUMINAIRES IN THE FIRST CONCRETE POUR (180mm THICKNESS). ALSO LOCATE THE JUNCTION BOX FOR EACH LUMINAIRE IN THE FIRST CONCRETE POUR (TYPICAL FOR BRIDGE MOUNTED UNDERPASS LUMINAIRES).
- ② RUN CONDUIT FROM UNDERPASS LUMINAIRE ALONG GIRDER DOWN TO JUNCTION BOX ON TOP OF BRIDGE SUPPORT. SEE DETAIL ON SHEET NO. 653.
- ③ BRIDGE BARRIER ROOM, SEE SHEET NO. 653 FOR LAYOUT.
- ④ JUNCTION BOX MOUNTED ON BRIDGE ABUTMENT. SURFACE ROUTE CONDUIT DOWN BARRIER ROOM WALL AND OUT TO GROUND MOUNTED JUNCTION BOX.
- ⑤ ROUTE CONDUIT DOWN THROUGH BRIDGE SUPPORT AND OUT TO GROUND MOUNTED JUNCTION BOX. VERIFY LOCATION OF SUPPORT FOOTINGS AND ROUTE CONDUIT AROUND FOOTINGS.
- ⑥ ROUTE SURFACE MOUNTED CONDUIT ON TOP OF BRIDGE ABUTMENT.
- ⑦ INSTALL FUSED CABLE CONNECTORS AND INSTALL #10 AWG CONDUCTORS IN 27mm CONDUIT FROM JUNCTION BOX TO UNDER BRIDGE LUMINAIRE.

DATE	
BY	
REFERENCES NOTED	
REFERENCES CHECKED	

CONTROL CENTER 'G' CIRCUIT SCHEDULE					
CIRCUIT I.D.	LOAD (AMPS)	CKT. BKR. SIZE (AMP/POLE)	WIRE SIZE	GROUND SIZE	CONTACTOR SIZE
① G1	9.0	20/1	#6	#6	30A
② G2	8.75	20/1	#6	#6	30A
③ G3	10	20/2	#6	#6	30A
③ G4	10	20/2	#6	#6	30A
③ G5	10	20/2	#6	#6	30A
③ G6	5	20/2	#6	#6	30A
② G7	10	20/1	#6	#6	30A
② G8	7.5	20/1	#6	#6	30A
② G9	10	20/1	#6	#6	30A
② G10	7.5	20/1	#6	#6	30A
③ G11	10	20/2	#6	#6	30A
③ G12	5	20/2	#6	#6	30A
③ G13	10	20/2	#6	#6	30A
③ G14	10	20/2	#6	#6	30A
② G15	8.75	20/1	#6	#6	30A

MAIN CIRCUIT BREAKER SIZE: 2-POLE, 150 AMP, 240V

- ① CIRCUIT TO BE UNSWITCHED.
- ② CIRCUIT TO BE CONTROLLED BY PHOTOCELL.
- ③ CIRCUIT TO BE CONTROLLED BY ASTRONOMICAL TIMECLOCK. THESE CIRCUITS ARE TO BE ON DURING THE DAY AND OFF AT NIGHT.



DSNR: WAN OPER: WAN SCALE: 500
 E:/1997/97362/WK4646.DGN 4-10-2002 7:35:57 LAST REV: BY:

No.	Revisions	By	Date
CITY OF WICHITA LIGHTING PLAN UNDER BRIDGE AT TYLER ROAD SEDGWICK COUNTY			
Professional Engineering Consultants, P.A. 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	SMS	Checked by	SMS
Drawn by	WAN	Date	APRIL, 2002
		Job No.	97362