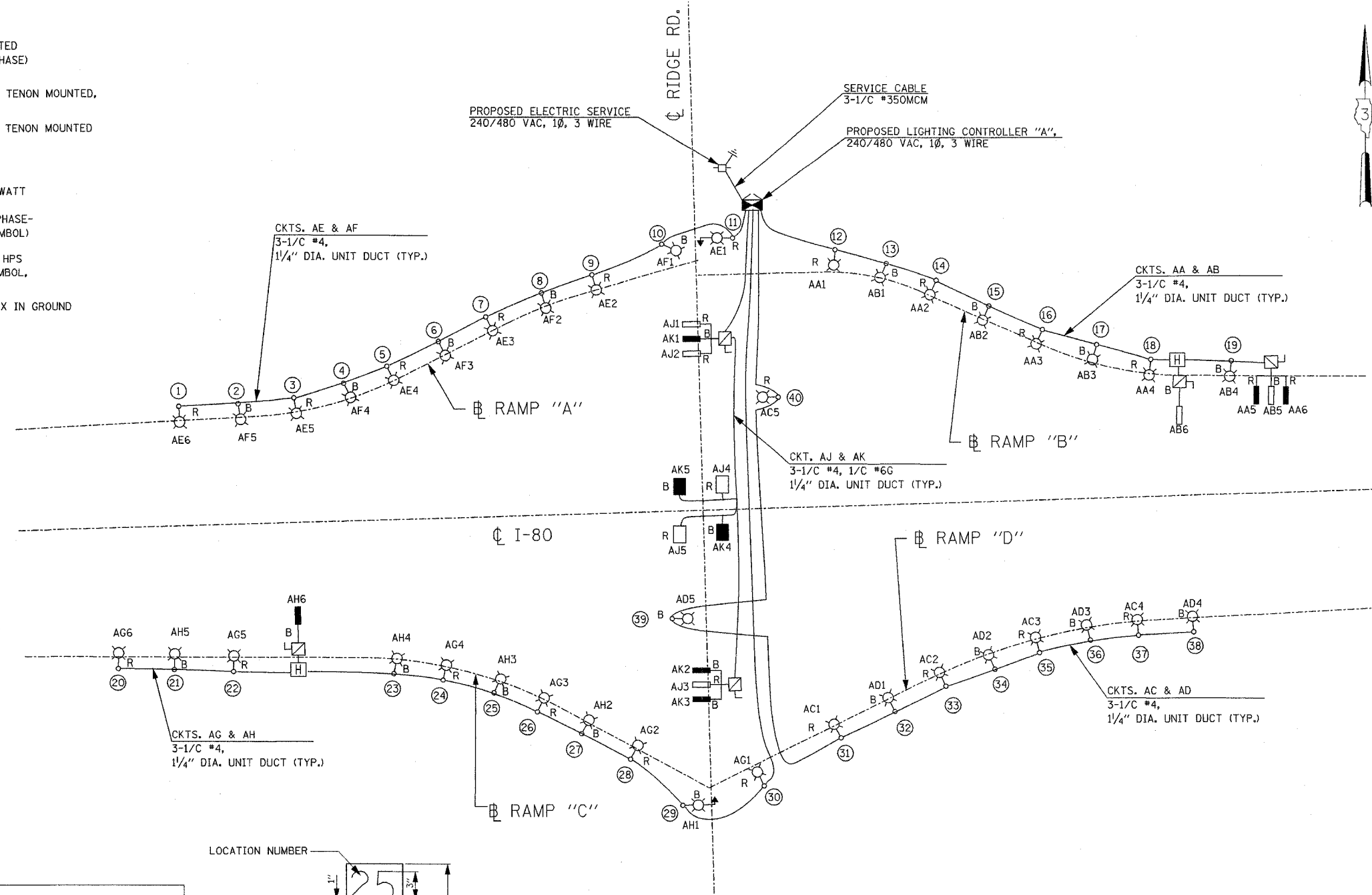


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-48)	KENDALL/GRUNDY	243	142
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 66294				



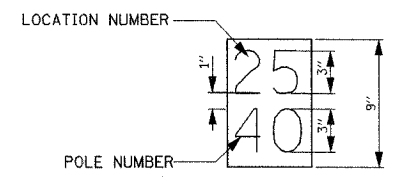
LEGEND

- LIGHT POLE, 45FT MH, TENON MOUNTED
250W HPS, 240V (RED AND BLACK PHASE)
- COMBINATION LIGHT POLE, 45FT MH, TENON MOUNTED,
250W HPS, 240V (RED PHASE)
- COMBINATION LIGHT POLE, 40FT MH, TENON MOUNTED
250W HPS, 240V (BLACK PHASE)
- PROPOSED LIGHTING CONTROLLER
- LIGHTED SIGN STRUCTURE WITH 250WATT
HPS LUMINAIRES, QUANTITY OF
LUMINAIRES AS SPECIFIED, (BLACK PHASE-
SOLID SYMBOL, RED PHASE-OPEN SYMBOL)
- UNDERPASS LIGHTING UNIT, 70WATT HPS
LUMINAIRE, (BLACK PHASE-SOLID SYMBOL,
RED PHASE-OPEN SYMBOL)
- LIGHT DUTY CONCRETE JUNCTION BOX IN GROUND



**LOAD TABLE
PROPOSED LIGHTING CONTROLLER "A"**

CIRCUIT	RED PHASE		CIRCUIT	BLACK PHASE	
	AMPS	WATTS		AMPS	WATTS
A	8.4	2016	B	8.4	2016
C	7.0	1680	D	7.0	1680
E	8.4	2016	F	7.0	1680
G	8.4	2016	H	8.4	2016
J	5.0	1200	K	5.0	1200
TOTAL	37.2	8928	TOTAL	35.8	8592



THE CONTRACTOR SHALL FURNISH AND INSTALL A LIGHT POLE IDENTIFICATION ON EACH NEW LIGHT POLE, AS SHOWN ABOVE INCIDENTAL TO THE RESPECTIVE LIGHT POLE PAY ITEM. THE NUMERALS SHALL BE 3" SERIES "D", BLACK, SCREENED ON SILVER WHITE TYPE B PRESSURE SENSITIVE REFLECTIVE SHEETING CONFORMING TO THE REQUIREMENTS OF SECTION 1069.02 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS. THE NUMERALS SHALL CONFORM TO THE FHWA "STANDARD ALPHABETS FOR HIGHWAY SIGNS"

THE LIGHT POLE IDENTIFICATION SHALL BE APPLIED TO SIGN BASE MATERIAL, APPROXIMATELY 7' ABOVE THE ADJACENT PAVEMENT GRADE VISIBLE TO THE APPROACHING TRAFFIC IN ACCORDANCE WITH HIGHWAY STANDARD.

I-80 & RIDGE RD LOCATION NUMBER 25, POLE NUMBERS 1-40

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 80 (I-80 AT MINOOKA INTERCHANGE)
PROPOSED LIGHTING
SINGLE LINE DIAGRAM
LIGHTING CONTROLLER "A"

SCALE: NONE
DATE: 2/10/06

DRAWN BY: KGP/MAE
CHECKED BY: MAE/PKG



PATRICK ENGINEERING INC.
LISLE, ILLINOIS