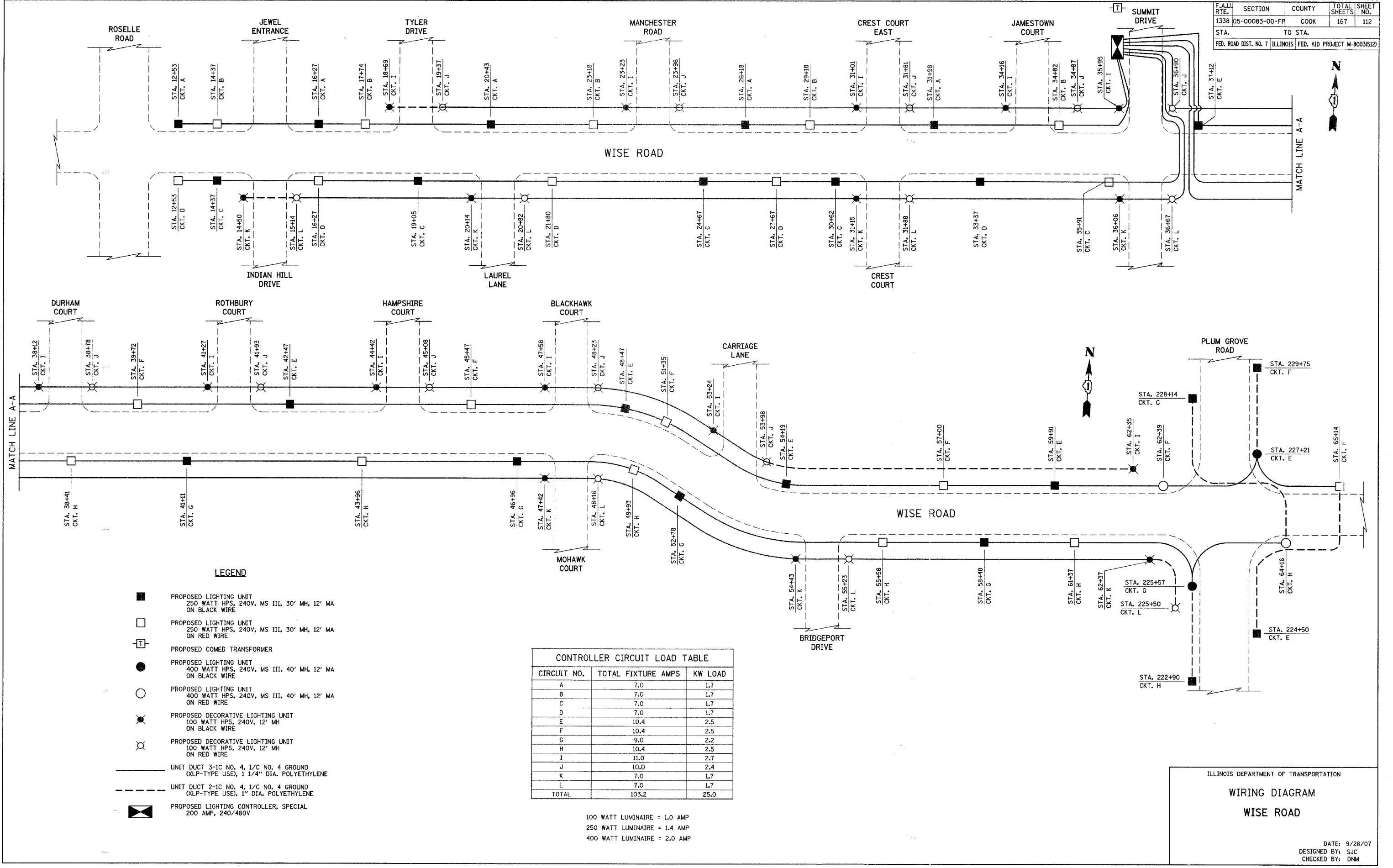


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1338	05-00083-00-FR	COOK	167	112
STA. 12+53		TO STA. 37+12		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT M-80035121				



LEGEND

- PROPOSED LIGHTING UNIT
250 WATT HPS, 240V, MS III, 30' MH, 12' MA
ON BLACK WIRE
- PROPOSED LIGHTING UNIT
250 WATT HPS, 240V, MS III, 30' MH, 12' MA
ON RED WIRE
- ⊠ PROPOSED COMED TRANSFORMER
- PROPOSED LIGHTING UNIT
400 WATT HPS, 240V, MS III, 40' MH, 12' MA
ON BLACK WIRE
- PROPOSED LIGHTING UNIT
400 WATT HPS, 240V, MS III, 40' MH, 12' MA
ON RED WIRE
- ⊙ PROPOSED DECORATIVE LIGHTING UNIT
100 WATT HPS, 240V, 12' MH
ON BLACK WIRE
- ⊙ PROPOSED DECORATIVE LIGHTING UNIT
100 WATT HPS, 240V, 12' MH
ON RED WIRE
- UNIT DUCT 3-1C NO. 4, 1/4" NO. 4 GROUND
(XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
- - - UNIT DUCT 2-1C NO. 4, 1/4" NO. 4 GROUND
(XLP-TYPE USE), 1" DIA. POLYETHYLENE
- ⊠ PROPOSED LIGHTING CONTROLLER, SPECIAL
200 AMP, 240/480V

CIRCUIT NO.	TOTAL FIXTURE AMPS	KW LOAD
A	7.0	1.7
B	7.0	1.7
C	7.0	1.7
D	7.0	1.7
E	10.4	2.5
F	10.4	2.5
G	9.0	2.2
H	10.4	2.5
I	11.0	2.7
J	10.0	2.4
K	7.0	1.7
L	7.0	1.7
TOTAL	103.2	25.0

100 WATT LUMINAIRE = 1.0 AMP
 250 WATT LUMINAIRE = 1.4 AMP
 400 WATT LUMINAIRE = 2.0 AMP

ILLINOIS DEPARTMENT OF TRANSPORTATION

WIRING DIAGRAM

WISE ROAD

DATE: 9/28/07
 DESIGNED BY: SJC
 CHECKED BY: DNM