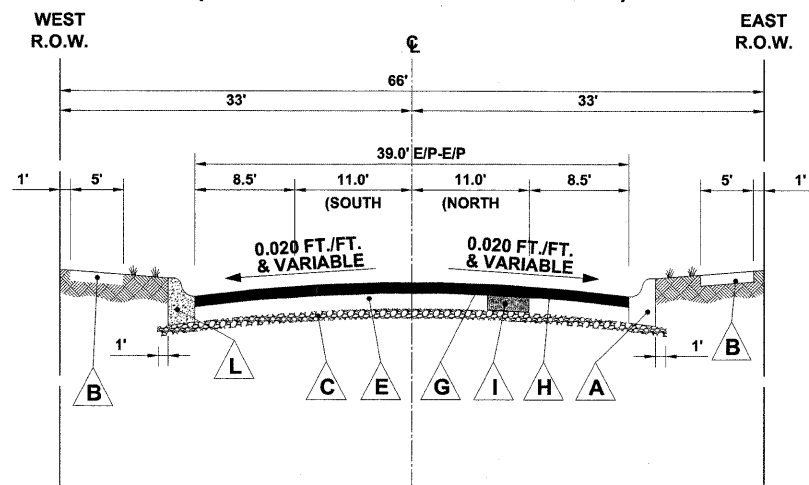
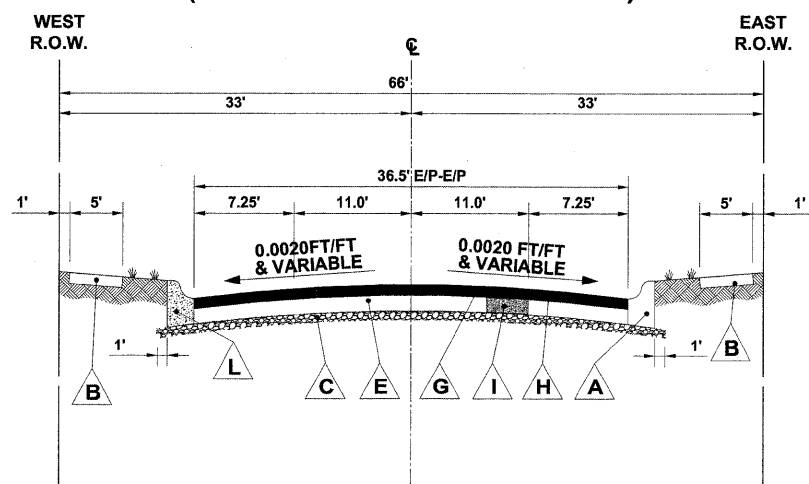


**PROPOSED TYPICAL CROSS SECTION
PRAIRIE AVENUE
(STATION 1+03 TO STATION 40+54)**



**PROPOSED TYPICAL CROSS SECTION
PRAIRIE AVENUE
(STATION 41+14 TO STATION 45+00)**



**PROPOSED TYPICAL CROSS SECTION
PRAIRIE AVENUE
(STATION 45+00 TO STATION 60+02)**

LEGEND OF SYMBOLS

SYMBOL	DESCRIPTION
A	EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
B	EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, 5"
C	EXISTING SUB-BASE GRANULAR MATERIAL, 4" AND VARIABLE
E	EXISTING HOT-MIX ASPHALT BASE COURSE
G	PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50, 3/4"
H	PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50, 2"
I	PROPOSED CLASS D PATCHES, 10"
L	PROPOSED INTERMITTENT COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT

HOT-MIX ASPHALT (HMA) MIXTURE REQUIREMENTS

ITEM	A C TYPE	VOIDS
PRAIRIE AVENUE - RESURFACING POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75, N50, 3/4"	SBS/SBR PG 76-28/-22	4% @ 50 GYR.
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50 (IL 9.5mm), 2"	PG 64 -22	4% @ 50 GYR.
INCIDENTAL HOT-MIX ASPHALT SURFACING HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50 (IL 9.5mm), 3"	PG 64 -22	4% @ 50 GYR.
BITUMINOUS MIXTURE FOR PATCHING POTHoles (HOT MIX) HMA BINDER (IL 19mm), 2"	PG 64 -22 *	4% @ 50 GYR.
CLASS D PATCHES HMA BINDER (IL 19mm), 10"	PG 64 -22 *	4% @ 70 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE COURSE IS 112 LBS/SQYD/IN.

* WHEN RAP EXCEEDS 20 %, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

Drawing file: W:\Projects\12509095 - Prairie Ave LAMP\TYPESEC.dwg Aug 17, 2009 3:49pm



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USER NAME	DESIGNED	WOP	REVISED
	DRAWN	LEV/MK	
PLOT SCALE NONE	CHECKED	JG	
PLOT DATE	DATE	8-17-09	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL CROSS SECTIONS

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2732	09-00124-00-RS	COOK	22	6
CONTRACT NO. 63296			ARA-9003 (302)	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E.H.E. PROJECT NO. 125-09-09501