



MILWAUKEE AVENUE  
STA. 19+09 TO 23+58

BITUMINOUS MIXTURE REQUIREMENTS

LEGEND	ITEM	AC TYPE	VOIDS	MAX RAP %
28	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX F, N 90	SBS/SBR PG 70-22	4% @ 90 GYR	0
29	POLYMERIZED LEVELING BINDER (MM), SUPERPAVE, IL-4.75, N 50	SBS/SBR PG 76-28	2.5% @ 50 GYR	0
20 & 35	BITUMINOUS SHOULDER, SUPERPAVE	PG 58-22	2% @ 30 GYR	50
32 & 34	BITUMINOUS BASE COURSE SUPERPAVE	PG 64-22	4% @ 70 GYR	15
31	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N 70	PG 64-22	4% @ 70 GYR	10
TEMP*	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N 50	PG 64-22	4% @ 50 GYR	15
TEMP*	BITUMINOUS BASE COURSE SUPERPAVE	PG 58-22	2% @ 50 GYR	50

\* TEMPORARY PAVEMENT SHALL BE 1 1/2" BITUMINOUS BASE COURSE, SUPERPAVE AND 1 3/4" BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D N50

LEGEND

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|---|--|--|
| ① PORTLAND CEMENT CONCRETE PAVEMENT, 10 1/4" (JOINTED)  | ⑩ SEEDING AND FURNISHED AND PLACE TOP SOIL 4"                    | ⑳ BITUMINOUS SHOULDER SUPERPAVE 6"   |
| ② PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4"  | ⑪ STEEL PLATE BEAM GUARDRAIL, TYPE A                             | ㉑ NOT USED   |
| ③ SUB-BASE GRANULAR MATERIAL, TYPE B-12"  | ⑫ NOT USED   | ㉒ NOT USED   |
| ④ NO. 6x30" EPOXY COATED TIE BARS AT 30" C-C COST IS INCLUDED IN THE COST OF PAVEMENT OR CURB AND GUTTER  | ⑬ NOT USED   | ㉓ POROUS GRANULAR EMBANKMENT SUBGRADE AND GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (REFER TO CROSS SECTIONS FOR WIDTH) |
| ④A NO. 8x30" EPOXY COATED TIE BARS AT 24" C-C COST IS INCLUDED IN THE COST OF PAVEMENT OR CURB AND GUTTER | ⑭ NOT USED   | ㉔ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12  |
| ④B NO. 6x30" EPOXY COATED TIE BARS AT 24" C-C COST IS INCLUDED IN THE COST OF PAVEMENT OR CURB AND GUTTER | ⑮ NOT USED   | ㉕ MOUNTABLE CONCRETE CURB AND GUTTER, TYPE M-2.18  |
| ⑤ CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT   | ⑯ NOT USED   | ㉖ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION   |
| ⑥ NOT USED  | ⑰ NOT USED   | ㉗ WHITEWASHING FOR CONCRETE PAVEMENT   |
| ⑦ NOT USED  | ⑱ STABILIZED SUB-BASE-4"   | ㉘ POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N90, 1 3/4"  |
| ⑧ NOT USED  | ⑲ NOT USED   | ㉙ POLYMERIZED LEVELING BINDER (MACHINE METHOD), SUPERPAVE, IL-4.75, N50, 3/4"  |
| ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24   | ㉚ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX "D", N70, 2" | ㉛ BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE IL-19, N70, 12 1/4"   |

		ILLINOIS DEPARTMENT OF TRANSPORTATION	
		PROPOSED TYPICAL SECTIONS MILWAUKEE AVENUE	
REVISIONS		WILLOW ROAD OVER US 45/IL 21 (MILWAUKEE AVE) AND OVER DES PLAINES RIVER	
NAME	DATE	SCALE N.T.S.	DRAWN BY M.J.P.
		DATE JANUARY 2005	CHECKED BY P.J.M.

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