

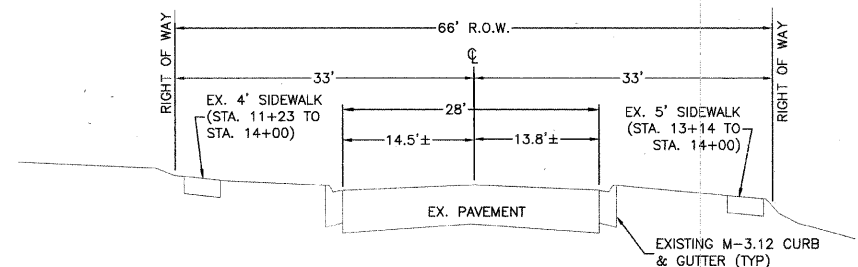
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1638*	**	WILL	38	4
STA.		TO STA.		
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 63316		* EXCHANGE STREET ** 09-00044-01-TL		

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE		AIR VOIDS @ Ndes
<b>PAVEMENT RESURFACING</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N-50 (IL 9.5mm); 1 1/2"		4% @ 50 GYR
LEVELING BINDER (MACHINE METHOD), N-50 (IL 9.5mm); 3/4"		4% @ 50 GYR
<b>PAVEMENT WIDENING</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N-50 (IL 9.5mm); 1 1/2"		4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N-50; 2 1/2"		4% @ 50 GYR
HMA BASE COURSE WIDENING (HMA BINDER IL-19mm); 9"		4% @ 50 GYR
<b>FLEXIBLE PAVEMENT</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N-50 (IL 9.5mm); 1 1/2"		4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N-50, 2 1/2"		4% @ 50 GYR
<b>DRIVEWAYS - MINIMUM USE ACCESS</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N-50 (IL 9.5mm); 2 1/2"		4% @ 50 GYR
<b>DRIVEWAYS = MAJOR ACCESS</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N-50 (IL 9.5mm); 1 1/2"		4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N-50, 2 1/2"		4% @ 50 GYR

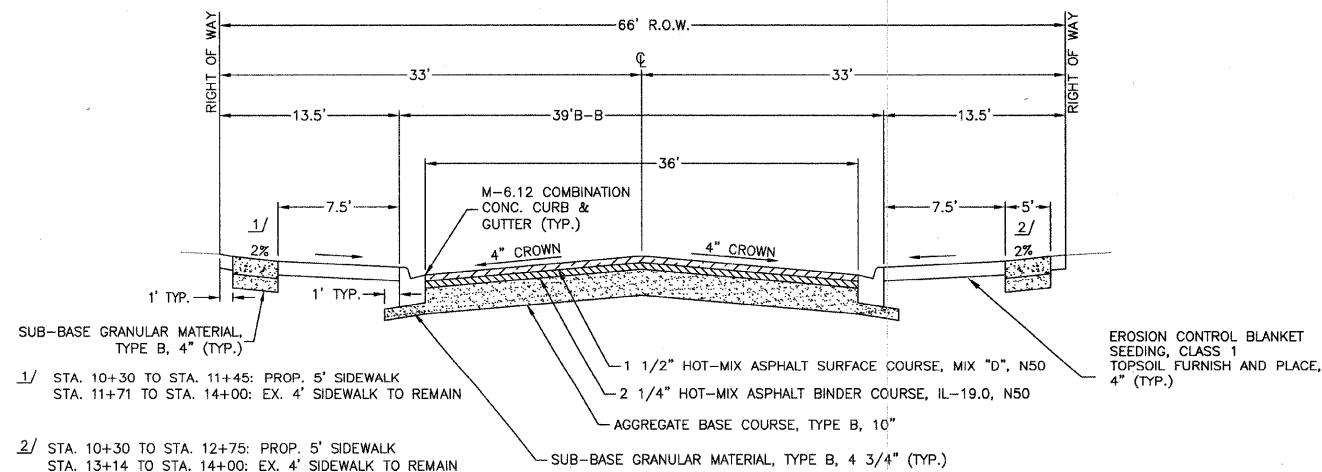
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBA PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS OTHERWISE MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.



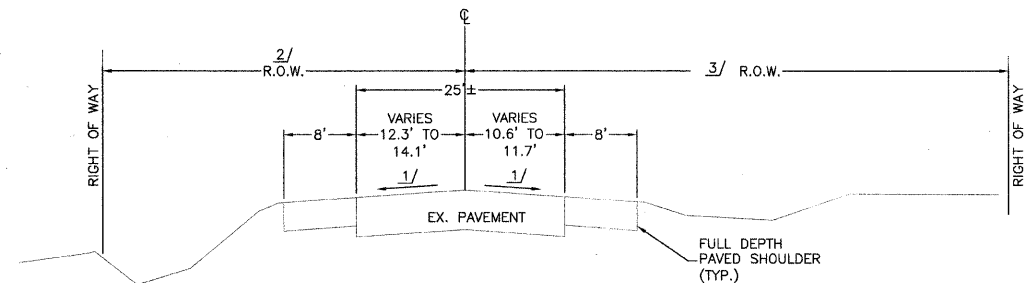
**EXISTING TYPICAL PAVEMENT SECTION  
INDEPENDENCE BOULEVARD  
STA. 10+25 TO STA. 14+00  
N.T.S.**



**PROPOSED TYPICAL PAVEMENT SECTION  
INDEPENDENCE BOULEVARD  
STA. 10+25 TO STA. 14+00  
N.T.S.**

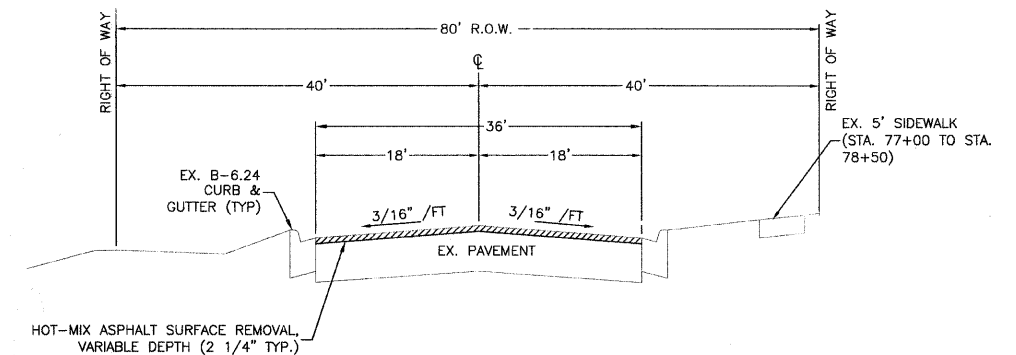
NOTE:  
HOT-MIX ASPHALT SURFACE SHALL BE KEPT 1/4" ABOVE THE GUTTER FLAG AT ALL PAVEMENT EDGES.

EXISTING	PROPOSED



- 1/ STA. 62+25 TO STA. 73+00: PAVEMENT CROSS SLOPES VARY IN SUPERELEVATION AREA (SEE PLANS)
- 2/ STA. 50+80 TO STA. 66+09: 60'  
STA. 66+09 TO STA. 73+00: 40'
- 3/ STA. 50+80 TO STA. 71+41: 60'  
STA. 71+41 TO STA. 73+00: 40'

**EXISTING TYPICAL PAVEMENT SECTION  
EXCHANGE STREET  
STA. 50+80 TO STA. 73+00  
N.T.S.**



**EXISTING TYPICAL PAVEMENT SECTION  
EXCHANGE STREET  
STA. 73+00 TO STA. 77+25  
N.T.S.**

REVISIONS		
NO.	NAME	DATE
1	PER IDOT	8-13-09
2	PER IDOT	10-29-09

**McBRIDE ENGINEERING, INC.**  
CIVIL ENGINEERS & SURVEYORS  
ILLINOIS PROFESSIONAL DESIGN FIRM #184-000803

CORPORATE: 3649 W. 183rd Street Suite 124  
Hazel Crest, IL 60429-2409  
708-799-1350

ARLINGTON HEIGHTS DIVISION: 320 S. Belmont Avenue  
Arlington Heights, IL 60005-2038  
847-394-4810

MEI PROJECT: 04119.806 SCALE: NONE

VILLAGE OF CRETE  
EXCHANGE STREET IMPROVEMENTS  
CRETE, WILL COUNTY, ILLINOIS

TYPICAL SECTIONS

DATE: 7-3-09

DRAWN BY: PG/ADM  
CHECKED BY: LGB