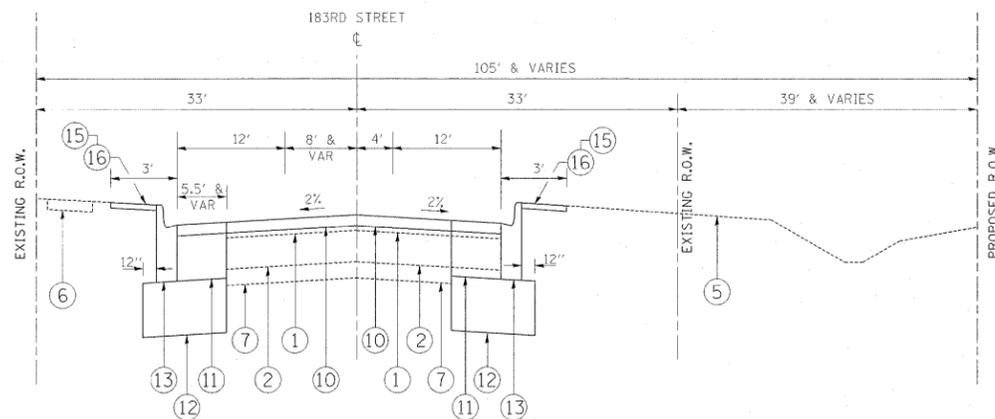


183RD STREET
EXISTING TYPICAL SECTION
(WIDENING & RESURFACING)
STA. 495+98 TO STA. 501+98



183RD STREET
PROPOSED TYPICAL SECTION
(WIDENING & RESURFACING)
STA. 495+98 TO STA. 501+98

HOT-MIX ASPHALT MIXTURE REQUIREMENTS
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

MIXTURE TYPE	AIR VOIDS (%) @ NDES
RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70, (IL-9.5 mm), 2"	4% @ 70 GYR.
WIDENING	
HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70, (IL-9.5 mm), 2"	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE IL-19.0, N70, 10-1/4"	4% @ 70 GYR.
SHOULDER	
HOT-MIX ASPHALT SHOULDER (HMA BINDER IL-19 mm), 8"	2% @ 30 GYR.
TEMPORARY PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE MIX "D", N50 (IL 9.5mm), 1-1/2"	4% @ 50 GYR.
TEMPORARY PAVEMENT (HMA BINDER IL-19 mm), 8-1/2"	4% @ 50 GYR.
HOT-MIX ASPHALT PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 mm), 9"	4% @ 70 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm), 2"	4% @ 70 GYR.
HMA DRIVEWAY (C.E.)	
HOT-MIX ASPHALT SURFACE COURSE MIX "C", N50, 2"	4% @ 50 GYR.
HOT-MIX-ASPHALT BASE COURSE, 8"	4% @ 50 GYR.

NOTE:

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 POUND PER SQUARE YARD-INCH

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

FOR "PERCENT RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

LEGEND:

- ① EXISTING HMA SURFACING, ±3-1/4" & VARIES
- ② EXISTING PCC PAVEMENT, 7"-9"-7"
- ③ EXISTING CONC C&G, B-6.12
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING GROUND LINE
- ⑥ EXISTING PCC SIDEWALK, 5"
- ⑦ EXISTING AGGREGATE SUBGRADE
- ⑧ PROPOSED HMA SURFACE REMOVAL, 2"
- ⑨ PROPOSED PAVEMENT REMOVAL
- ⑩ PROPOSED HMA SURFACE COURSE MIX "D", N70, 2"
- ⑪ PROPOSED HMA BINDER COURSE IL-19, N70, 10-1/4" (3 LIFTS)
- ⑫ PROPOSED AGGREGATE SUBGRADE, 12"
- ⑬ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑭ PROPOSED HMA SHOULDER, 8"
- ⑮ PROPOSED TOPSOIL FURNISH AND PLACE, 4"
- ⑯ PROPOSED SEEDING CLASS 2A

NOTE:

ADDITIONAL AGGREGATE SUBGRADE UNDER PROPOSED CURB AND GUTTER SHALL NOT BE PAID FOR SEPARATELY BUT WILL BE CONSIDERED AS INCLUDED IN THE COST PER SQUARE YARD OF AGGREGATE SUBGRADE, 12".

"THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING".

TEMPORARY PAVEMENT NOTE:

"IF THE CONTRACTOR CHOOSES TO USE CONCRETE THE THICKNESS SHALL BE 10".

FILE NAME =	USER NAME = galbenjr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WOLF ROAD @ 183RD STREET EXISTING AND PROPOSED TYPICAL SECTIONS				F.A.J. RTE. 2688	SECTION 44 R-N	COUNTY COOK/WILL	TOTAL SHEETS 68	SHEET NO. 7
os:\pw_work\p\dot\galbenjr\d0150417\143009-Design.dgn		DRAWN -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 60K66				
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -						ILLINOIS FED. AID PROJECT				
PLOT DATE = 3/26/2011		DATE -	REVISED -										