### MIXTURE REQUIREMENT

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PAY ITEM	AIR VOIDS @ Ndes
HOT-MIX ASPHALT PAVEMENT RESURFACING - 31ST STREET	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm) (2")	4% @ 70 GYR.
LEVELING BINDER (MACHINE METHOD), N70 (IL-9.5 mm) (0.75")	4% @ 70 GYR.
HOT-MIX ASPHALT PAVEMENT RESURFACING - GOLFVIEW AVENUE	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm) (2")	4% @ 50 GYR.
LEVELING BINDER (MACHINE METHOD), N50 (IL-9.5 mm) (0.75")	4% @ 50 GYR.
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6 3/4" - GOLFVIEW AVENUE	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm) (2")	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (4,75") (2 LIFTS MIN)	4% @ 50 GYR.
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9" - 31ST STREET	
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 (7") (2 LIFTS MIN)	4% <b>c</b> 70 GYR.
HOT-MIX ASPHALT PAVEMENT - BROOKFIELD ZOO NORTH PARKING LOT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 mm) (2")	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE, IL-19.0, N50 (2.25")	4% @ 50 GYR.
HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm) (2")	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE, IL-19.0, N50 (4")(2 LIFTS MIN)	4% @ 50 GYR.
CLASS D PATCHES, TYPE II, III, AND IV, 10"	
CLASS D PATCH (HMA BINDER IL-19mm) (10") (3 LIFTS MIN)	4% @ 70 GYR.

#### NOTES

- 1. THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT MIXTURES IS 112 LB/SY-IN.
- 2. FOR PERCENT OF RAP, SEE DISTRICT ONE SPECIAL PROVISIONS.
- 3. THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

### REMEDIAL TREATMENT AREAS

ALIGNMENT	STATION	DEPTH	HTGIW	DESCRIPTION	
GOLFVJEW AVE.	12+10 TC 15+70	12"	WIDENING	NOTE 2	
31ST STREET	213+50 70 216+00	12"	WIDENING	NOTE 2	

#### NOTES:

- 1. DEPTH REFERS TO THE DEPTH BELOW DESIGN SUBGRADE ELEVATION
- 2. UNDERCUT AND REPLACE WITH AGGREGATE SUBGRADE, UNDERDRAIN.

# STRUCTURAL PAVEMENT DESIGN INFORMATION BLOCK FOR 31ST STREET

STRUCTURAL TRAFFIC: YEAR 2030

PV = 12740 SU = 130 MU = 130

ROAD/STREET CLASSIFICATION: CLASS II

P = 98% S = 1% M = 1%

TRAFFIC FACTOR: 0.71 ACTUAL TF = 0.91

MINIMUM TF = 0,50

AC GRADE: BINDER = PG 58-22 SURFACE = PG 64-28

SUBGRADE SUPPORT RATING:

SSR = POOR

## STRUCTURAL PAVEMENT DESIGN INFORMATION BLOCK FOR GOLFVIEW AVENUE

STRUCTURAL TRAFFIC: YEAR 2030

PV = 7648 SU = 176 MU = 176

ROAD/STREET CLASSIFICATION: CLASS II

P = 95.6% S = 2.2% M = 2.2%

TRAFFIC FACTOR: 0.45 ACTUAL TF = 0.57

MINIMUM TF = 0.50

AC GRADE: BINDER = PG 58-22 SURFACE = PG 64-28

SUBGRADE SUPPORT RATING:

SSR = POOR

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-	\Ø3-7yo:onle\2563_TYP_Ø3.dgm		DRAWN - DTE	REVISED -	STATE OF ILLINOIS	PROPOSED TYPICAL SECTIONS	3784 12-F3900-23-PK COOK 133 17
		PLOT DATE = 11/9/2012	CHECKED - GAB  DATE - 10/22/2012	REVISED -	DEPARTMENT OF TRANSPORTATION	SCALE: NONE SHEET NO. : OF 1 SHEETS STA. TO STA.	CONTRACT NO. 63764
L		- LOV 5412 4 11/1/2012	DATE - 107 227 2012	LEATOER -		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. 10 STA.	FED. ROAD DIST, NO. 1   LINOIS FED. AID PROJECT