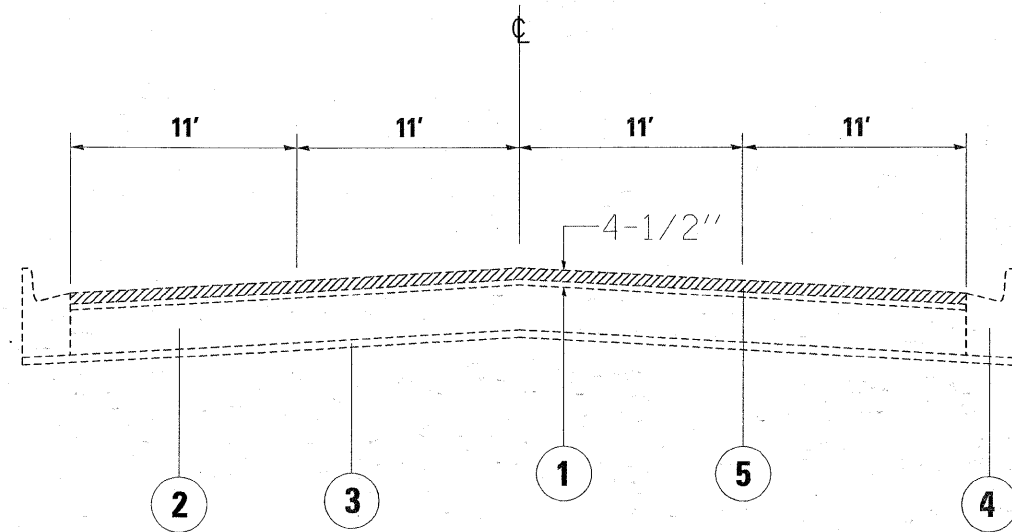


GOLF ROAD / SIMPSON STREET



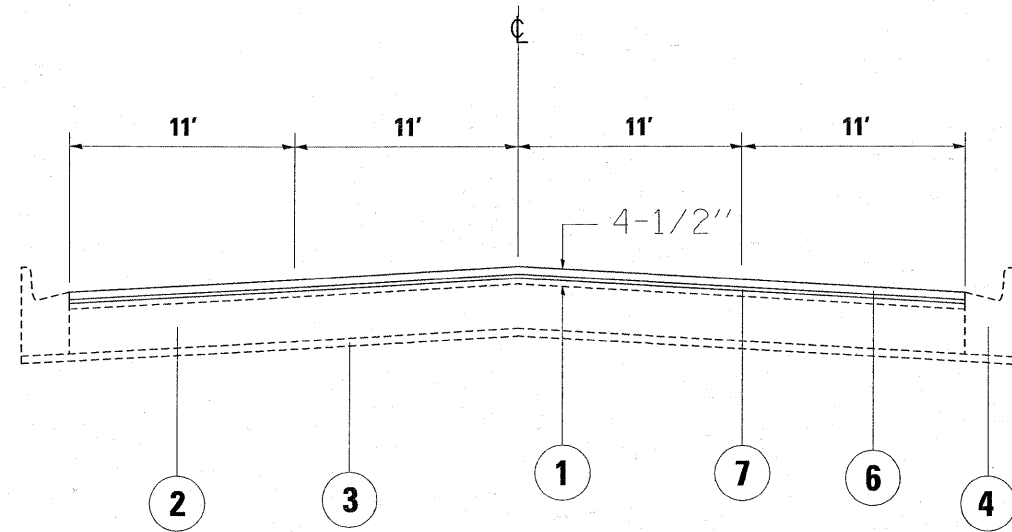
EXISTING TYPICAL CROSS SECTION
 STA. 16+33 TO STA. 37+69
 STA. 56+31 TO STA. 73+63
 STA. 77+32 TO STA. 88+44

LEGEND

- ① EXISTING HOT-MIX ASPHALT OVERLAY, 4 "1/2"
- ② EXISTING PORTLAND CEMENT CONCRETE, 8"
- ③ EXISTING SUB-BASE GRANULAR MATERIAL, TYPE A, 4"
- ④ EXISTING CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑤ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- ⑥ PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- ⑦ PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

NOTE: CONTRACTOR IS TO MILL ROADWAY BEFORE PATCHING

GOLF ROAD / SIMPSON STREET



PROPOSED TYPICAL CROSS SECTION
 STA. 16+33 TO STA. 37+69
 STA. 56+31 TO STA. 73+63
 STA. 77+32 TO STA. 88+44

HOT-MIX ASPHALT MIXTURE REQUIREMENT

MIXTURE TYPE	AC/PG	AIR VOIDS (%)	UNIT WEIGHT
POLY. LEVELING BINDER (MACHINE METHOD), IL 4.75, N50	SBS/SBR PG 76-28/22	4% @ 70 GYR	105 LBS/IN/SQ YD
POLY. HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	SBS/SBR PG 70-22	4% @ 90 GYR	112 LBS/IN/SQ YD
CLASS D PATCHES (HMA BINDER IL-19)	PG 64-22*	4% @ 70 GYR	112 LBS/IN/SQ YD

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

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE IS 112 LBS/SQ. YD./IN.

FILE NAME =	USER NAME = byunah	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GOLF ROAD / SIMPSON STREET GROSS POINT ROAD TO McCORMICK BLVD EXISTING AND PROPOSED TYPICAL SECTIONS			F.A.U. RTE. 1312	SECTION 2009-052 RS	COUNTY COOK	TOTAL SHEETS 27	SHEET NO. 4			
c:\pwork\FWIDOT\BYUNSH\J0136979\DI25804-Des:gn.dgn		DRAWN -	REVISED -					SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 60G89				
		CHECKED -	REVISED -					ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -												