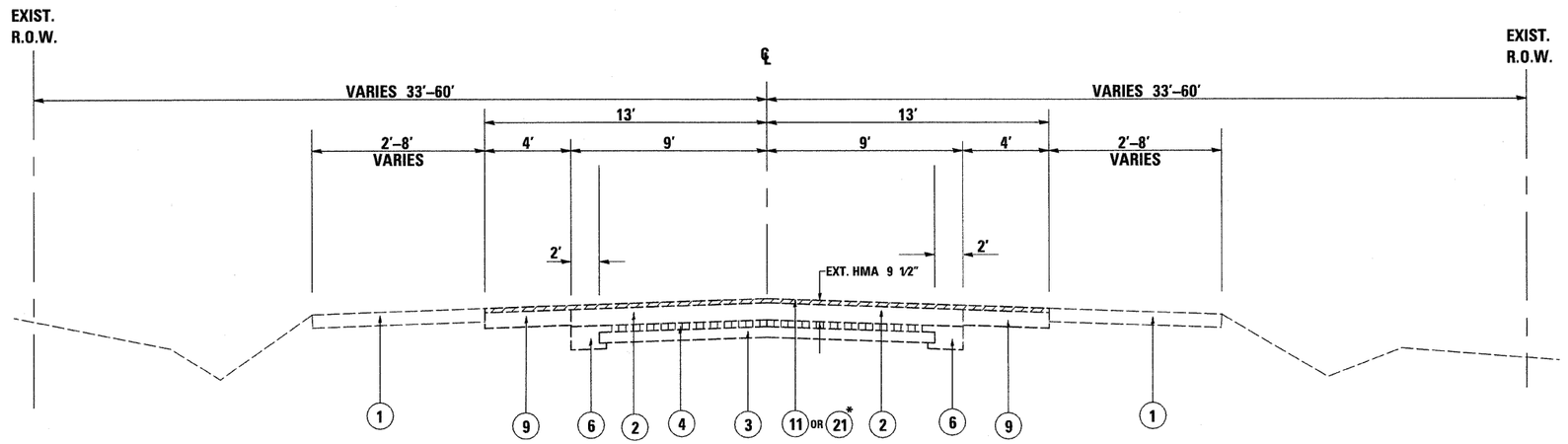
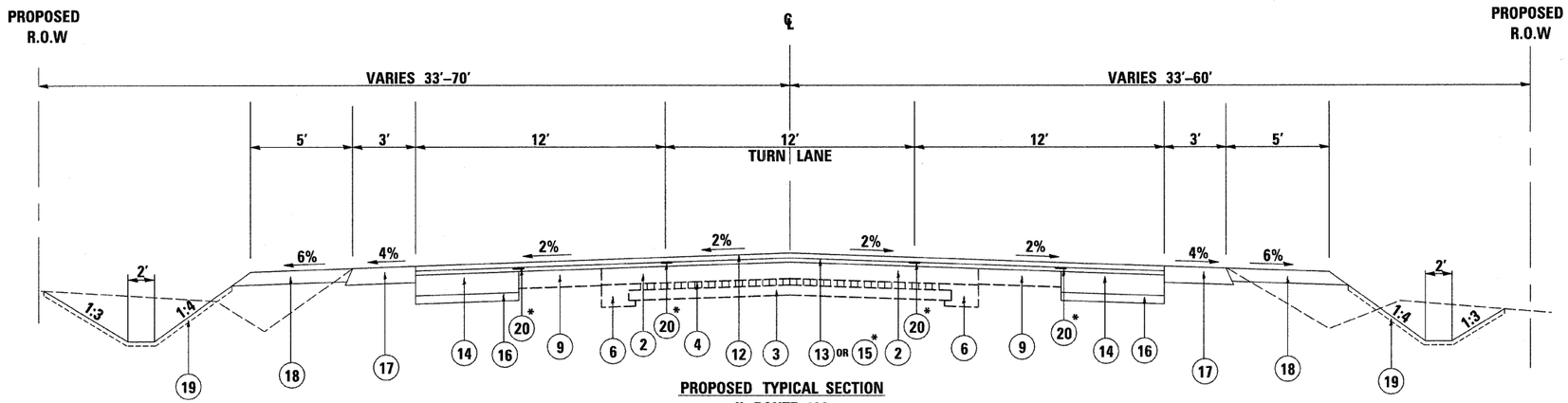
CONTRACT NO. 62514

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
333	2002-101N	LAKE	75	5
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



EXISTING TYPICAL SECTION
IL ROUTE 120
STATION 123+96.9 TO 158+75



PROPOSED TYPICAL SECTION
IL ROUTE 120
STATION 123.96.9 TO 158+75

HOT–MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	**AC TYPE**	**VOIDS**
PAVEMENT WIDENING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1½" (IL 9.5mm)	PG 64-22	4% @ 70 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1"	SBS/SBR PG 76-28/-22	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE WIDENING, (HMA BINDER IL-19 mm), 13"	PG 64-22**	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19, N70 (2¼"- 6")	PG 64-22**	4% @ 70 GYR.
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2" (IL 9.5mm)	PG 64-22	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE, (6" & 8") (HMA BINDER IL-19mm) (PE & CE)	PG 64-22**	4% @ 50 GYR.
PATCHING		
CLASS D PATCHES, 9" AND 20" (HMA BINDER IL-19mm)	PG 64-22**	4% @ 70 GYR.
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES, (HMA BINDER IL-19 mm)	PG 64-22**	4% @ 70 GYR.
SHOULDER		
HOT-MIX ASPHALT SHOULDER, 8"	PG 64-22**	2% @ 30 GYR.

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

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

APPROXIMATE LOCATION

(21)* (20)* (15)* **STATION 125+30 TO 127+70**

(21)* (20)* (15)* **STATION 149+00 TO 156+80**

(1) **EXISTING AGGREGATE SHOULDER**

(2) **EXISTING HOT–MIX ASPHALT SURFACE AFTER MILLING (±7")**

(3) **EXISTING PCC PAVEMENT (7–8–7)**

(4) **EXISTING BRICK SURFACE (2 1/2")**

(5) **EXISTING HOT–MIX ASPHALT SURFACE AFTER MILLING(±5")**

(6) **EXISTING PCC WIDENING(±12")**

(7) **EXISTING HOT–MIX ASPHALT SURFACE AFTER MILLING (±1")**

(8) **EXISTING PCC BASE**

(9) **EXISTING HOT–MIX ASPHALT BASE COURSE WIDENING (±8")**

(10) **EXISTING AGGREGATE BASE**

(11) **PROP. HOT–MIX ASPHALT SURFACE REMOVAL 2 1/2"**

(12) **PROP. HOT–MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"**

(13) **PROP. POLY. LEVELING BINDER (MACHINE METHOD) IL–4.75, N50, 1"**

(14) **PROP. HOT–MIX ASPHALT BASE COURSE WIDENING, 13"**

(15)* **PROP. HOT–MIX ASPHALT BINDER COURSE, IL–19, N70 (2 1/4"– 6")**

(16) **PROP. SUBBASE GRANULAR MATERIAL, TYPE B, 4"**

(17) **PROP. HOT–MIX ASPHALT SHOULDER, 8"**

(18) **PROP. AGGREGATE SHOULDER, TYPE B, 6"**

(19) **PROP. TOPSOIL**

(20)* **PROP. STRIP REFLECTIVE CRACK CONTROL TREATMENT**

(21)* **PROP. HOT–MIX ASPHALT SURFACE REMOVAL 1 1/4"**

NOTE: CONTRACTOR SHALL MILL FIRST BEFORE PATCHING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTION IL ROUTE 120

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

PLOT DATE = 12/23/2008
FILE NAME = c:\pw_work\DOT\MIDY\d0093964\dassgn.sadgn
PLOT SCALE = 40.9999 ' / IN.
USER NAME = mdgjo