

TYPICAL CROSS-SECTION DETAIL

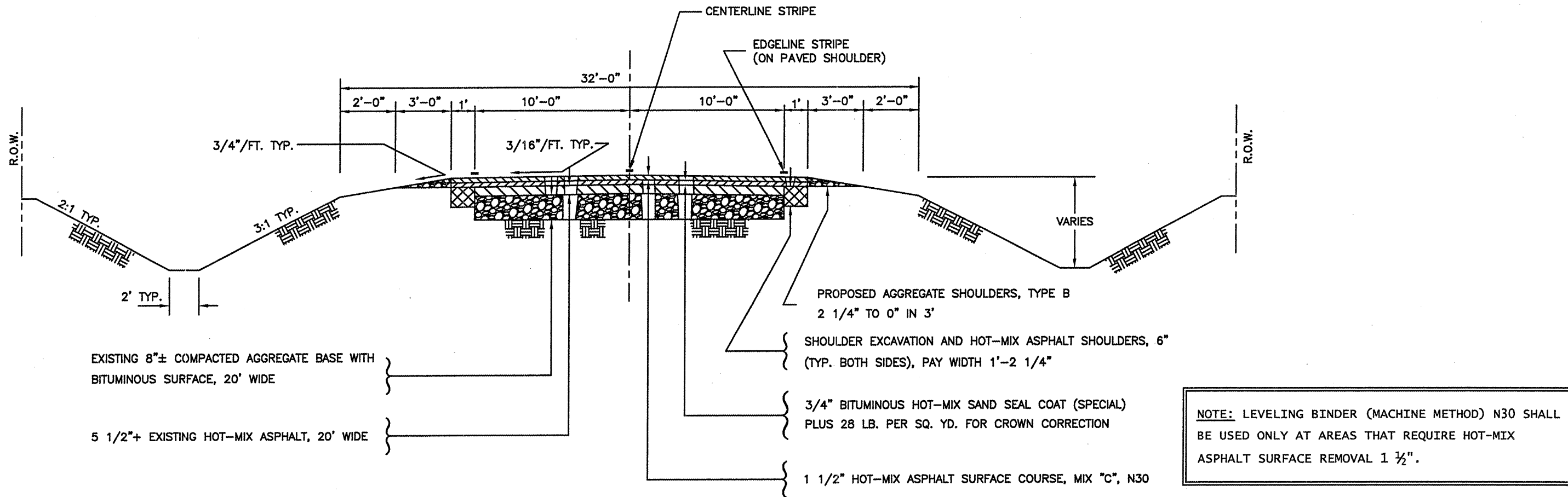
STA. 0+00 TO STA. 252+80

CO. HWY. V32 SECTION: 05-00096-03-RS

GRUNDY COUNTY, ILLINOIS

SHEET 3 OF 5

CONTRACT NO. 87393



HOT-MIX ASPHALT DATA TABLE

	BINDER, WIDENING, CLASS D PATCHES	SURFACE	LEVEL BINDER	BIT. HOT-MIX SAND SEAL COAT SPECIAL	INCIDENTAL SURFACING
PG GRADE	PG64-22	PG58-22	PG58-22	PG58-22	PG58-22
MAX % RAP ALLOWABLE**	25%	15%	15%	NONE	15%
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N30	4.0% @ N30	N/A	4.0% @ N30
MIXTURE COMPOSITION	IL 19.0	IL 12.5 OR IL 9.5	IL 9.5	IL 9.5 OR FA-22	IL 12.5 OR IL 9.5
FRICION AGGREGATE		MIXTURE C			MIXTURE C
DENSITY TEST METHOD	NUCLEAR/ CORES	CORRELATION	SATISFACTION OF ENGINEER	SATISFACTION OF ENGINEER	SATISFACTION OF ENGINEER

** IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.10	TON/CU YD
BITUMINOUS MATERIALS PRIME COAT	0.10	GAL/SQ YD (RC 70) OR 0.40 GAL/SQ YD (MC 30)
AGGREGATE PRIME COAT	0.002	TONS/SQ YD
HOT-MIX ASPHALT - WIDENING, LEVEL BINDER, BINDER AND SURFACE COURSE	112	LBS/SQ YD/INCH
SHORT-TERM PAVEMENT MARKING	10	FT/100 FT OF APPLICATION

NOTE: LEVELING BINDER (MACHINE METHOD) N30 SHALL BE USED ONLY AT AREAS THAT REQUIRE HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2".

STATE OF ILLINOIS
COUNTY OF GRUNDY
COUNTY ENGINEER

DRAWN: D.M.B. CHECKED: C.J.C. SCALE: NONE DATE: 12-22-08

REVISED: 2-10-09