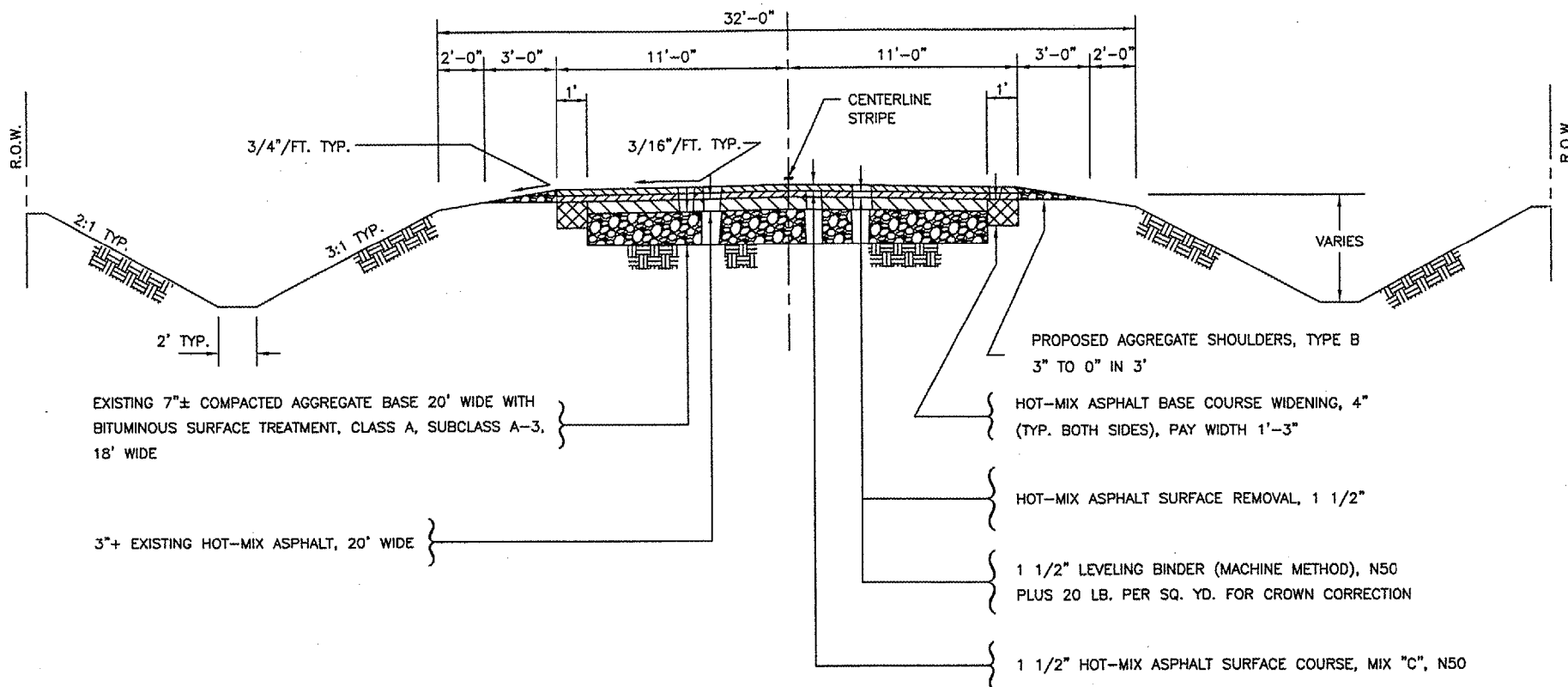


TYPICAL CROSS-SECTION DETAIL

STA. 0+93 TO STA. 52+35

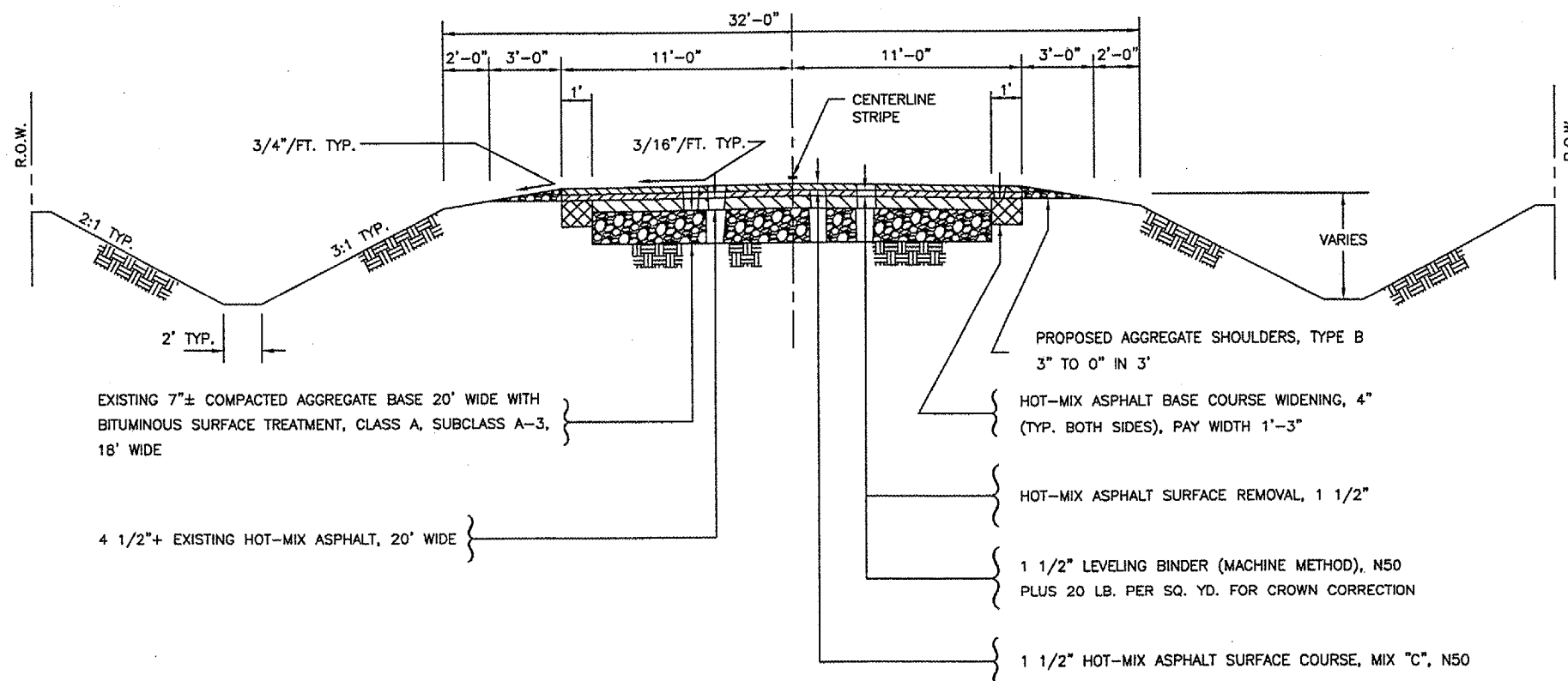


SUPERELEVATION RATES - KINSMAN ROAD

Station	Slope SB Lane	Slope NB Lane	Station	Slope SB Lane	Slope NB Lane
51+04	NC (1.5%)	NC (-1.5%)	57+14	1.5%	-1.5%
51+23	1.5%	-0.5%	57+33	0.5%	-1.5%
51+42	1.5%	0.5%	57+52	-0.5%	-1.5%
51+61	1.5%	1.5%	57+71	-1.5%	-1.5%
51+80	2.5%	2.5%	57+90	-2.5%	-2.5%
51+99	3.5%	3.5%	58+09	-3.5%	-3.5%
52+18	4.5%	4.5%	58+28	-4.5%	-4.5%
52+27	5.0%	5.0%	58+37	-5.0%	-5.0%
55+91	5.0%	5.0%	62+05	-5.0%	-5.0%
56+00	4.5%	4.5%	62+14	-4.5%	-4.5%
56+19	3.5%	3.5%	62+33	-3.5%	-3.5%
56+38	2.5%	2.5%	62+52	-2.5%	-2.5%
56+57	1.5%	1.5%	62+71	-1.5%	-1.5%
56+76	1.5%	0.5%	62+90	-0.5%	-1.5%
56+95	1.5%	-0.5%	63+09	0.5%	-1.5%
57+14	1.5%	-1.5%	63+28	1.5%	-1.5%

TYPICAL CROSS-SECTION DETAIL

STA. 52+35 TO STA. 212+19



HOT-MIX ASPHALT DATA TABLE

	BINDER, WIDENING, CLASS D PATCHES	SURFACE	LEVEL BINDER	INCIDENTAL SURFACING
PG GRADE	PG58-22	PG64-22	PG58-22	PG58-22
MAX % RAP ALLOWABLE**	25%	15%	15%	15%
DESIGN AIR	4.0% @	4.0% @	4.0% @	4.0% @
VOIDS	N50	N50	N50	N50
MIXTURE COMPOSITION	IL 19.0	IL 12.5 OR IL 9.5	IL 9.5	IL 12.5 OR IL 9.5
FRICTION AGGREGATE		MIXTURE C		MIXTURE C
DENSITY TEST METHOD	NUCLEAR/ CORES	CORRELATION	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

STATE OF ILLINOIS  
COUNTY OF GRUNDY  
COUNTY ENGINEER

DRAWN: D.M.B. CHECKED: C.J.C. SCALE: NONE DATE: 12-13-06

REVISED: 4-10-07