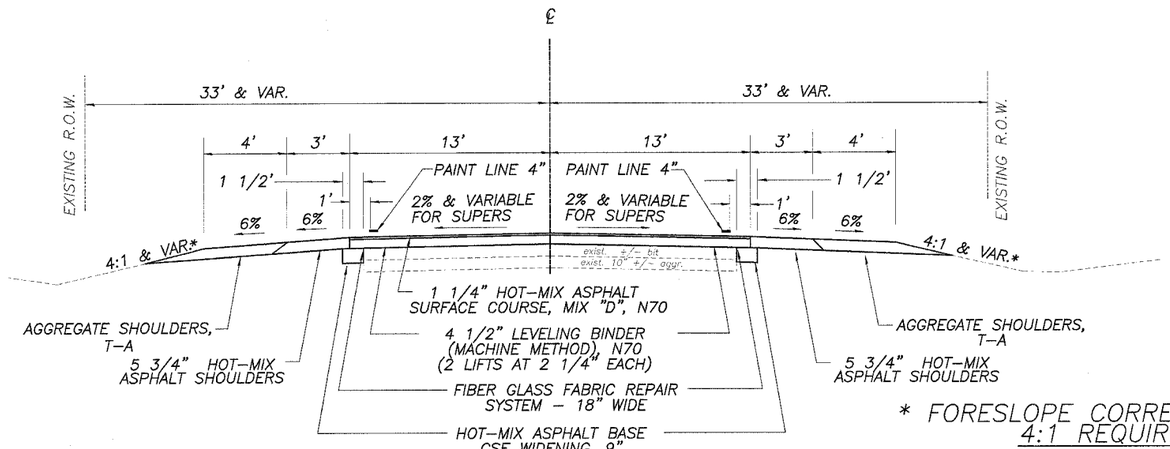
CONTRACT NO. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
____	04-00343-00-PV	WINNEBAGO	42	3
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

85414

TYPICAL SECTIONS & PAVEMENT DESIGN

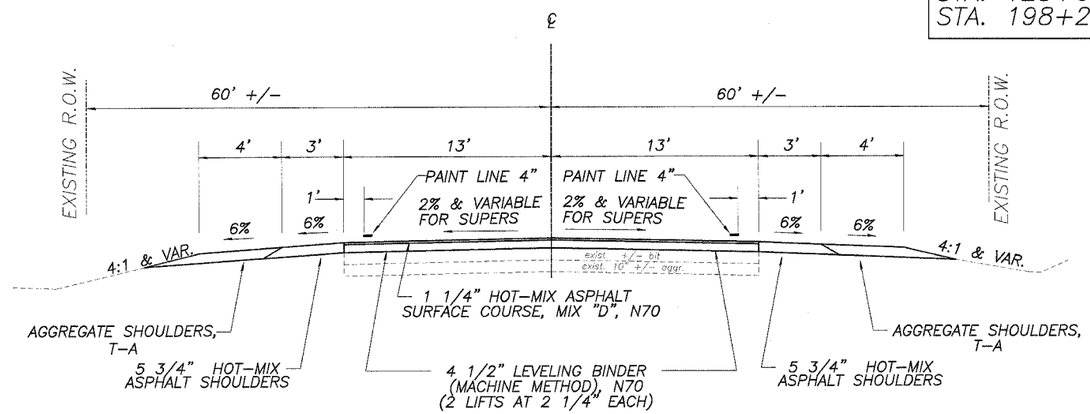


STA. 102+50 TO 123+65
STA. 154+00 TO 156+58
STA. 184+57 TO 187+00
STA. 210+15 TO 214+56
STA. 219+72 TO 247+14.11

* FORESLOPE CORRECTION TO * 4:1 REQUIRED

STA. 111+00 – 115+00 RT
STA. 156+00 – 160+00 RT
STA. 237+00 – 239+50 LT

OMMISSIONS
STA. 123+65 TO 154+00
STA. 198+25 TO 202+00



STA. 187+00 TO 190+53
STA. 196+86 TO 198+25

PAVEMENT DESIGN

MIXTURE USE(S)	SURFACE / INC. SURF.	BIT BINDER / LEV BINDER	BIT BASE	SHOULDER
PG:	PG 64-22	PG 64-22	PG 64-22	PG 58-22
DESIGN AIR VOIDS	4.0 @ N70	4.0 @ N70	2 @ N50	3 @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 19.0	IL 19.0	IL 12.5 OR 19
FRICTION AGGREGATE	D	N/A	N/A	C
20 YEAR ESAL	5.12	N/A	N/A	N/A

BELTLINE ROAD RECONSTRUCTION
PAVEMENT STRUCTURAL DESIGN
120,000 LB. DESIGN

P.C. 2056, S.U. 348, M.U. 661 } 3065 ADT

STRUCTURAL DESIGN TRAFFIC (S.D.T.) = YEAR 2015
CLASS II ROAD
MINIMUM SOIL SUPPORT: IBR=3.0 ASSUMED
T.F.= 5.12 ; D_t= 5.12

PAVEMENT STRUCTURE MATERIALS

SURFACE CSE: HMA SURFACE CSE, N70	a1 = 0.40 (1.25") = 0.50
BINDER CSE: HMA BINDER CSE, N70	a2 = 0.40 (4.5") = 1.80
BASE CSE: HMA BSE CSE, N50	a3 = 0.33 (4.75") = 1.58
SUBBASE TYPE: AGGR. 4" T-A OVER 8" T-B	a4 = 0.11 (12") = 1.32
	ACTUAL $_tD$ = 5.20

BELTLINE ROAD OVERLAY
PAVEMENT STRUCTURAL DESIGN
120,000 LB. DESIGN

P.C. 2056, S.U. 348, M.U. 661 } 3065 ADT

STRUCTURAL DESIGN TRAFFIC (S.D.T.) = YEAR 2015
CLASS II ROAD
MINIMUM SOIL SUPPORT: IBR=3.0 ASSUMED
T.F.= 5.12 ; D_t= 5.12

PAVEMENT STRUCTURE MATERIALS

SURFACE CSE: HMA SURFACE CSE, N70	a1 = 0.40 (1.25") = 0.50
BINDER CSE: HMA BINDER CSE, N70	a2 = 0.40 (4.5") = 1.80
BASE CSE : HMA BSE CSE WIDENING, N50	a3 = 0.33 (9") = 2.97
	ACTUAL $_tD$ = 5.27

S.TRANS.1216D06-BELTLINERDWAY.DESIGN.TYPICALS.DGN

BELTLINE ROAD – TYPICALS & PAVEMENT DESIGN