

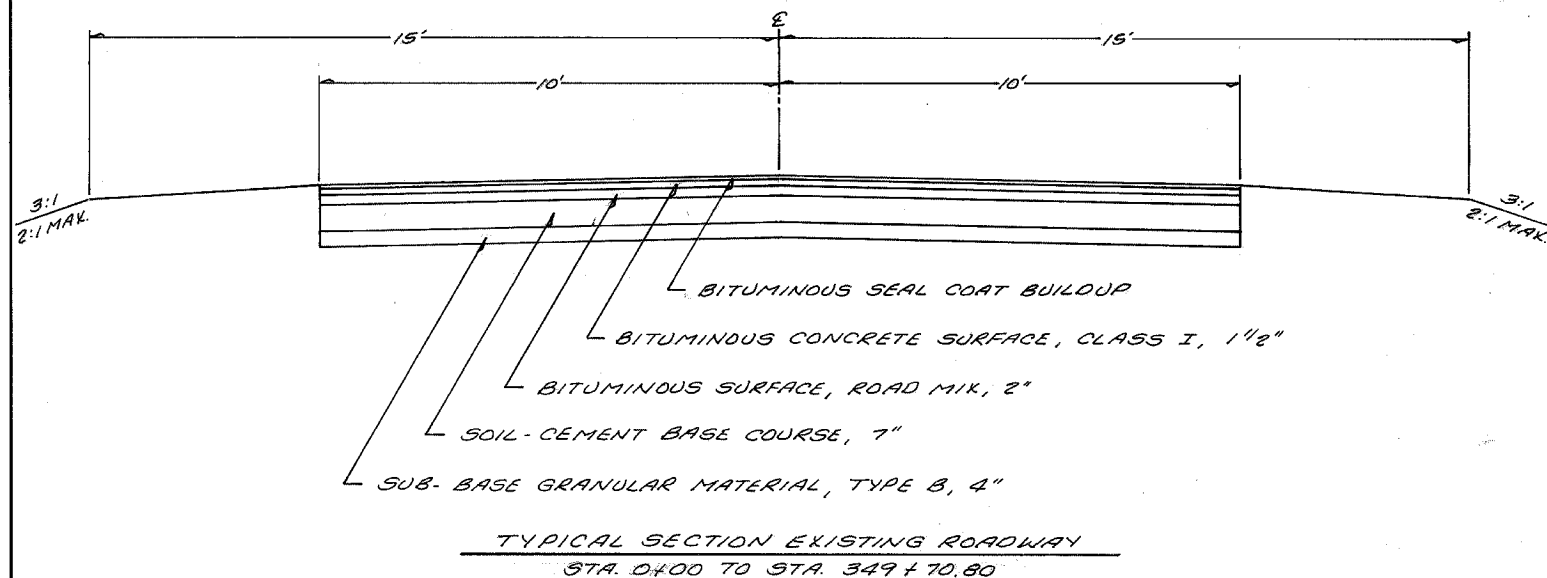
**PAVEMENT DESIGN DATA**

S.D.T. = YEAR 2010, P.V. = 362 S.U. = 29 M.U. = 21 CLASS III ROAD  
 MINIMUM SOIL SUPPORT: I.B.R. = 2 (ASSUMED) D<sub>f</sub> = 2.76

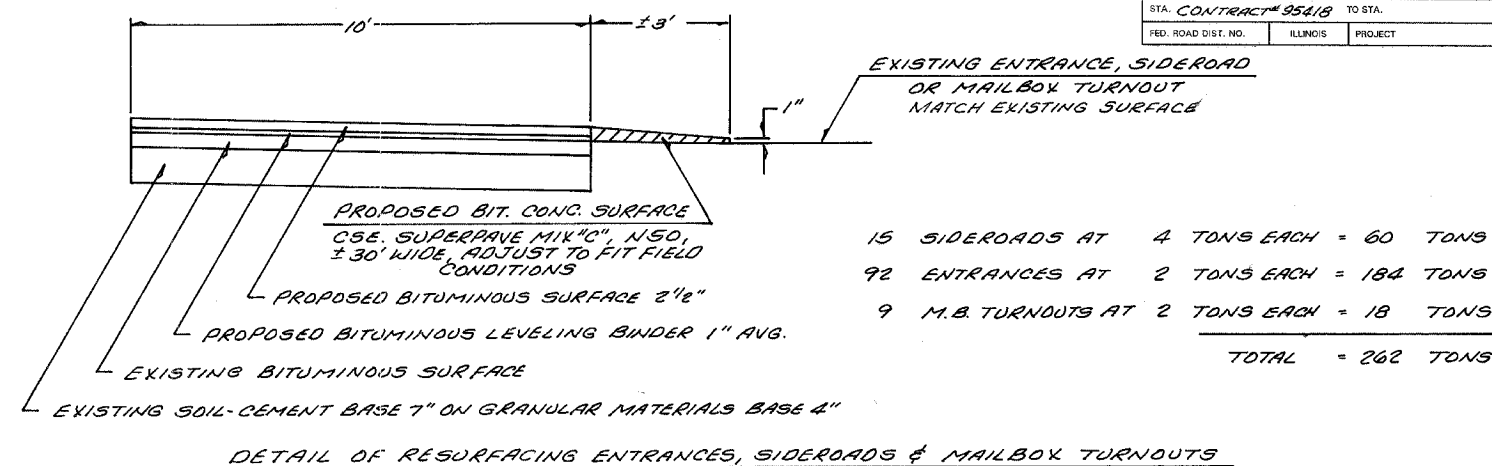
**PAVEMENT STRUCTURE MATERIALS:**

EXISTING PAVEMENT:	SUB-BASE GRANULAR MATERIAL	4"	4 x 0.07 = 0.28
	SOIL-CEMENT BASE COURSE	7"	7 x 0.11 = 0.77
	BITUMINOUS SURFACE ROAD MIX	2"	2 x 0.11 = 0.22
	BITUMINOUS CONCRETE CLASS I	1 1/2"	1 1/2 x 0.30 = 0.45
	SEAL COAT BUILD UP		
PROPOSED PAVEMENT:	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	2 1/2"	2 1/2 x 0.40 = 1.00
			<b>TOTAL = 2.87</b>

**TYPICAL SECTION OF PROPOSED IMPROVEMENT**  
 STA. 0+00 TO STA. 349+70.80



**TYPICAL SECTION EXISTING ROADWAY**  
 STA. 0+00 TO STA. 349+70.80



15 SIDEROADS AT 4 TONS EACH	= 60 TONS
92 ENTRANCES AT 2 TONS EACH	= 184 TONS
9 M.B. TURNOUTS AT 2 TONS EACH	= 18 TONS
<b>TOTAL</b>	<b>= 262 TONS</b>

**DETAIL OF RESURFACING ENTRANCES, SIDEROADS & MAILBOX TURNOUTS**

**PROPOSED PIPE CULVERTS**

STATION	PROPOSED PIPE	EXISTING PIPE TO BE REMOVED	U.S.F.L.	D.S.F.L.	D.A.	TRENCH BACKFILL	CLASS D PATCH	AGG. SURF. CSE. TY. B
A.R. STA. 33+62	TWIN P-60" x 58", CL.C, TY. 2	TWIN 60" C.M.P.	91.15	90.57	400 AC.	70 C.Y.	37 S.Y., TY. 4	25 TON
A.R. STA. 82+76	P-36" x 62", CL.C, TY. 2	36" C.M.P.	91.53	89.47	50 AC.	51 C.Y.	17 S.Y., TY. 3	11 TON
A.R. STA. 134+94	P-24" x 48", CL.C, TY. 1	18" C.M.P.	96.14	93.81	8 AC.	15 C.Y.	13 S.Y., TY. 2	9 TON
A.R. STA. 216+00	P-30" x 54", CL.C, TY. 2	30" C.M.P.	93.43	91.16	30 AC.	54 C.Y.	15 S.Y., TY. 2	11 TON
A.R. STA. 228+39	P-24" x 54", CL.C, TY. 2	24" C.M.P.	94.41	92.70	15 AC.	23 C.Y.	13 S.Y., TY. 2	9 TON
A.R. STA. 236+00	P-30" x 58", CL.C, TY. 2	30" C.M.P.	93.46	93.19	25 AC.	25 C.Y.	15 S.Y., TY. 2	11 TON
A.R. STA. 245+43	P-24" x 60", CL.C, TY. 2	24" C.M.P.	93.70	88.50	15 AC.	39 C.Y.	19 S.Y., TY. 2	9 TON
A.R. STA. 283+74	P-48" x 48", CL.C, TY. 1 EQUIV. ROUND SIZE	48" EQRS C.M.P.	94.90	94.40	100 AC.	19 C.Y.	20 S.Y., TY. 3	15 TON
<b>TOTALS</b>						<b>296 C.Y.</b>		<b>100 TON</b>

**PAINT PAVEMENT MARKING LINE 4" (TOTAL = 36,693 FT.)**

**CENTERLINE STRIPE**

STA. 0+00 TO STA. 349+70.80 = 6693 FT.

**NO PASSING ZONE**

LEFT SIDE (WEST BOUND)	
STA. 21+00 - STA. 28+00 = 700'	
STA. 62+00 - STA. 70+00 = 800'	
STA. 82+00 - STA. 107+00 = 2500'	
STA. 118+00 - STA. 153+00 = 3500'	
STA. 190+00 - STA. 198+00 = 800'	
STA. 208+00 - STA. 252+00 = 4400'	
STA. 273+00 - STA. 284+00 = 1100'	
STA. 297+00 - STA. 303+00 = 600'	
STA. 343+00 - STA. 348+00 = 500'	

**RIGHT SIDE (EAST BOUND)**

STA. 12+00 - STA. 18+00 = 600'
STA. 53+00 - STA. 62+00 = 900'
STA. 73+00 - STA. 98+00 = 2500'
STA. 109+00 - STA. 144+00 = 3500'
STA. 182+00 - STA. 189+00 = 700'
STA. 199+00 - STA. 245+00 = 4600'
STA. 264+00 - STA. 276+00 = 1200'
STA. 288+00 - STA. 294+00 = 600'
STA. 334+00 - STA. 339+00 = 500'

**TOTAL = 30,000 FT.**

NO PASSING ZONE SIGNS (W 12-3)					
STA.	SIGN PANEL - TY. 1	METAL POST - TY. A	STA.	SIGN PANEL - TY. 1	METAL POST - TY. A
LT. 12+00	1 @ 5.56 S.F.	2 EA. @ 14 FT. - 28 FT.	LT. 199+00	1 @ 5.56 S.F.	2 EA. @ 14 FT. - 28 FT.
RT. 28+00	" 5.56 "	" " 28 "	RT. 252+00	" 5.56 "	" " 28 "
LT. 53+00	" 5.56 "	" " 28 "	LT. 264+00	" 5.56 "	" " 28 "
RT. 70+00	" 5.56 "	" " 28 "	RT. 284+00	" 5.56 "	" " 28 "
LT. 73+00	" 5.56 "	" " 28 "	LT. 288+00	" 5.56 "	" " 28 "
RT. 107+00	" 5.56 "	" " 28 "	RT. 303+00	" 5.56 "	" " 28 "
LT. 109+00	" 5.56 "	" " 28 "	LT. 334+00	" 5.56 "	" " 28 "
RT. 153+00	" 5.56 "	" " 28 "	RT. 348+00	" 5.56 "	" " 28 "
LT. 182+00	" 5.56 "	" " 28 "	<b>TOTALS = 100.00 S.F.</b>		<b>504 FT.</b>
RT. 198+00	" 5.56 "	" " 28 "			