

PAVEMENT DESIGN DATA

CLASS II ROADWAY
 DESIGN PERIOD : 15 YEARS
 STRUCTURAL DESIGN TRAFFIC (SDT):
 YEAR = 2018
 PV = 5948 (88%)
 SU = 541 (8%)
 MU = 270 (4%)
 TRAFFIC FACTOR (TF) = 1.7060
 MINIMUM SOIL SUPPORT : $E_{RI} = 3$

STRUCTURAL NUMBER (REQ) = 3.31
 STRUCTURAL NUMBER (PROV) = 3.41

PAVEMENT PROVIDED:

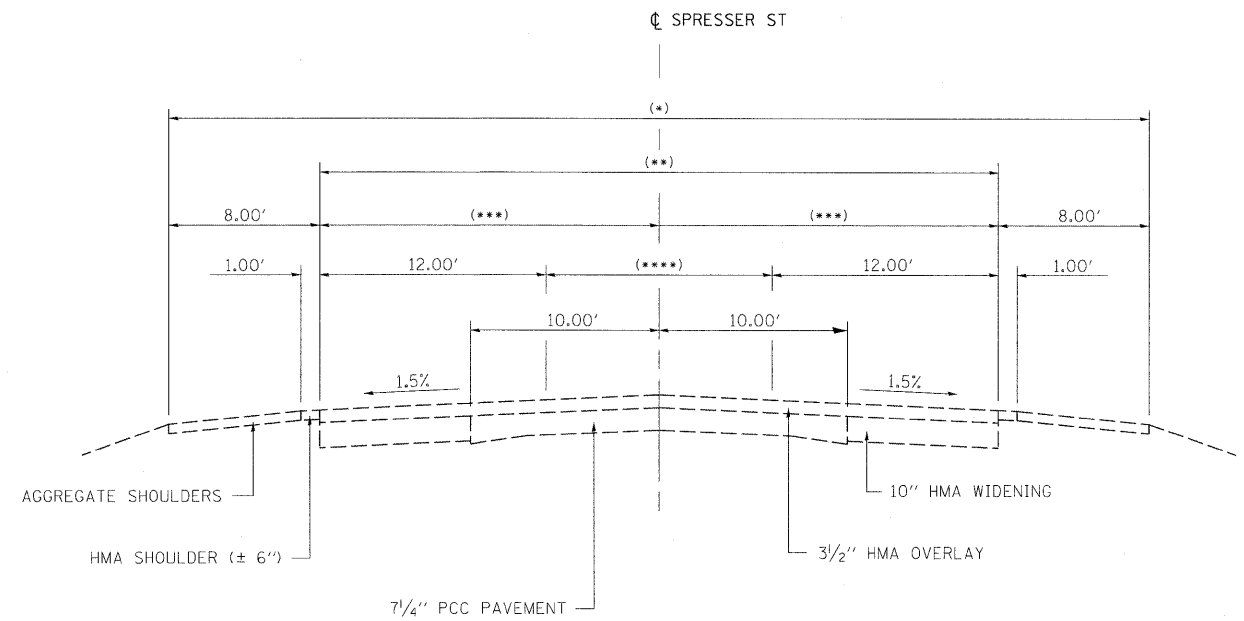
- 1 1/2" POLYMERIZED HMA SURFACE COURSE, MIX "C", N70
- 1 3/4" POLYMERIZED LEVELING BINDER (MACHINE METHOD), N70
- 1 1/2" POLYMERIZED HMA SURFACE COURSE, MIX "D", N70
- 1 3/4" POLYMERIZED LEVELING BINDER (MACHINE METHOD), N70

(*) STA. 1100+00 TO STA. 1103+60 = VARIES 40.00' TO 52.00'
 STA. 1103+60 TO STA. 1116+40 = 52.00'
 STA. 1116+40 TO STA. 1120+00 = VARIES 52.00' TO 40.00'

(**) STA. 1100+00 TO STA. 1103+60 = VARIES 24.00' TO 36.00'
 STA. 1103+60 TO STA. 1116+40 = 36.00'
 STA. 1116+40 TO STA. 1120+00 = VARIES 36.00' TO 24.00'

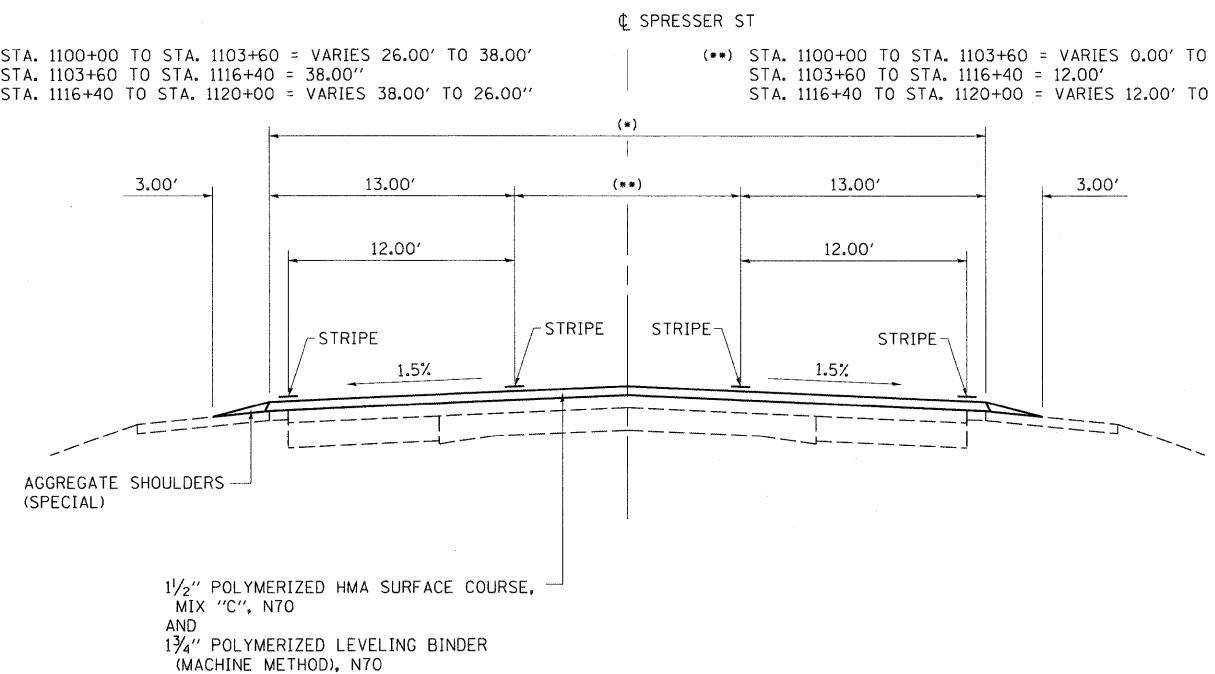
(***) STA. 1100+00 TO STA. 1103+60 = VARIES 12.00' TO 18.00'
 STA. 1103+60 TO STA. 1116+40 = 18.00'
 STA. 1116+40 TO STA. 1120+00 = VARIES 18.00' TO 12.00'

(****) STA. 1100+00 TO STA. 1103+60 = VARIES 0.00' TO 12.00'
 STA. 1103+60 TO STA. 1116+40 = 12.00'
 STA. 1116+40 TO STA. 1120+00 = VARIES 12.00' TO 0.00'



(*) STA. 1100+00 TO STA. 1103+60 = VARIES 26.00' TO 38.00'
 STA. 1103+60 TO STA. 1116+40 = 38.00'
 STA. 1116+40 TO STA. 1120+00 = VARIES 38.00' TO 26.00'

(**) STA. 1100+00 TO STA. 1103+60 = VARIES 0.00' TO 12.00'
 STA. 1103+60 TO STA. 1116+40 = 12.00'
 STA. 1116+40 TO STA. 1120+00 = VARIES 12.00' TO 0.00'



PROPOSED TYPICAL SECTION
 STA. 1100+00 TO STA. 1120+00

GREENE & BRADFORD, INC.



FILE NAME = J:\09022.07\CADD\CAD\sheets\0902287-sh1.dgn	USER NAME = franky	DESIGNED - WCB	REVISED -
PLOT SCALE = 50.0000' / 1" IN.	APPROVAL	DRAWN - MDS	REVISED -
PLOT DATE = 11/19/2009		CHECKED - WCB	REVISED -
		DATE - 9/24/09	REVISED -

**CITY OF TAYLORVILLE
 SPRESSER STREET IMPROVEMENTS**

TYPICAL SECTIONS

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7877	09-00060-00-RS	CHRISTIAN	14	3
CONTRACT NO. 93512				

FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT ARA-M-5067(017)