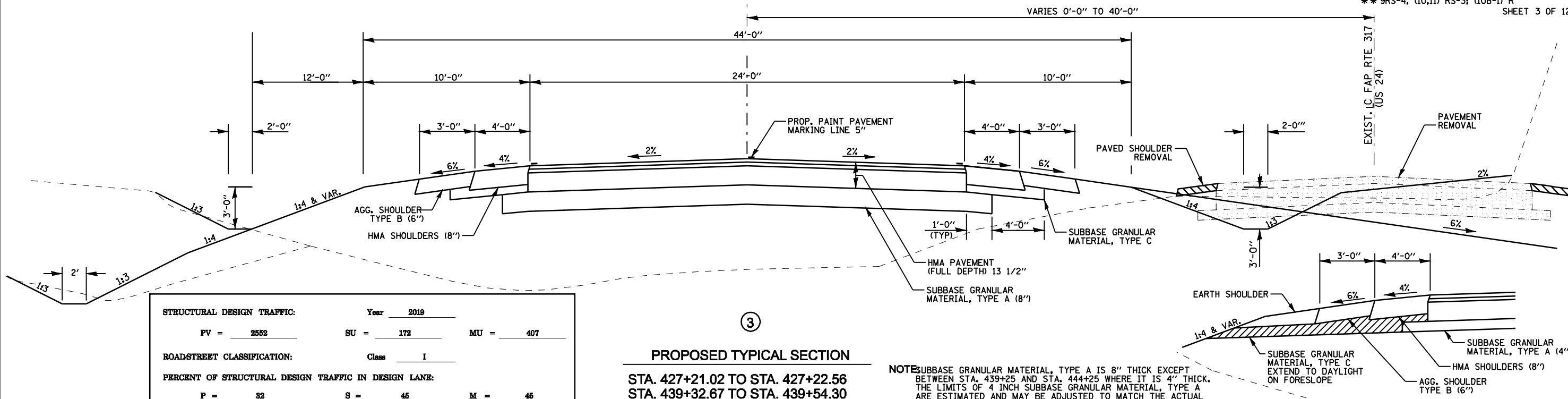


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROP. C FAP RTE 317
(US 24)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	**	*	196	75

STA. 420+00.00 TO STA. 454+00.00
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
** BROWN & SCHUYLER CONTRACT NO. 72432
** 9RS-4, (10,11) RS-3; (10B-1) R
SHEET 3 OF 123

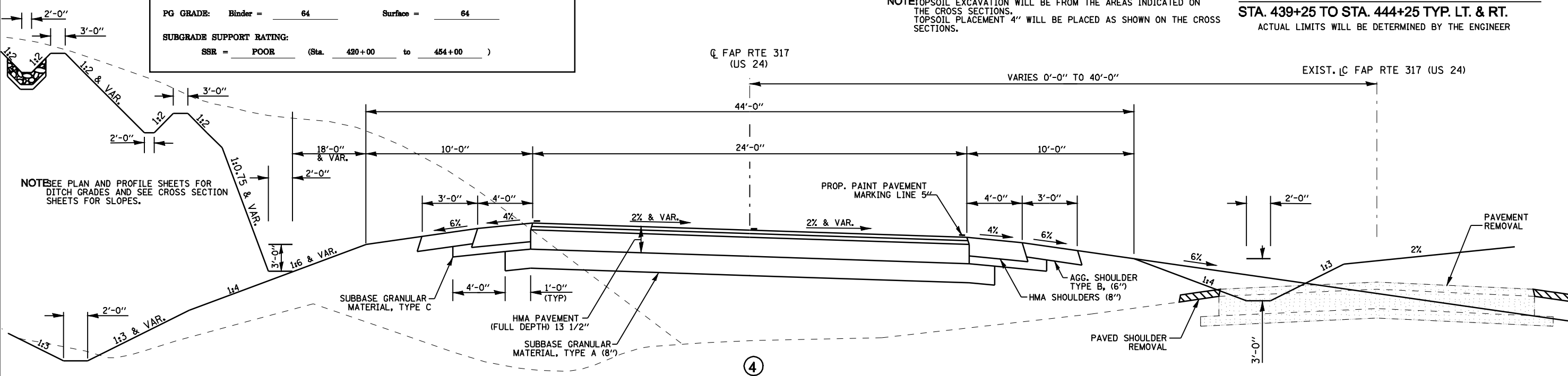


STRUCTURAL DESIGN TRAFFIC:		Year	2019
PV =	2552	SU =	172
		MU =	407
ROADSTREET CLASSIFICATION:		Class	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P =	32	S =	45
		M =	45
TRAFFIC FACTOR:		Actual TF =	1.98
PG GRADE:		Binder =	64
		Surface =	64
SUBGRADE SUPPORT RATING:		SSR =	POOR (Sta. 420+00 to 454+00)

PROPOSED TYPICAL SECTION
STA. 427+21.02 TO STA. 427+22.56
STA. 439+32.67 TO STA. 439+54.30
STA. 446+60.96 TO STA. 446+61.38

NOTES:
SUBBASE GRANULAR MATERIAL, TYPE A IS 8" THICK EXCEPT BETWEEN STA. 439+25 AND STA. 444+25 WHERE IT IS 4" THICK. THE LIMITS OF 4 INCH SUBBASE GRANULAR MATERIAL, TYPE A ARE ESTIMATED AND MAY BE ADJUSTED TO MATCH THE ACTUAL LIMITS OF ROCK ENCOUNTERED.
TOPSOIL EXCAVATION WILL BE FROM THE AREAS INDICATED ON THE CROSS SECTIONS. TOPSOIL PLACEMENT 4" WILL BE PLACED AS SHOWN ON THE CROSS SECTIONS.

PAVEMENT DRAINAGE IN ROCK EXCAVATION
STA. 439+25 TO STA. 444+25 TYP. LT. & RT.
ACTUAL LIMITS WILL BE DETERMINED BY THE ENGINEER



PROPOSED TYPICAL SECTION
STA. 427+22.56 TO STA. 434+04.64
STA. 439+54.30 TO STA. 446+60.96
BRIDGE OMISSION
STA. 434+34.64 TO STA. 439+02.64
BRIDGE APPROACH PAVEMENT
STA. 434+04.64 TO STA. 434+34.64
STA. 439+02.67 TO STA. 439+32.67

NOTES:
HOT-MIX ASPHALT (HMA) PAVEMENT (FULL-DEPTH) 13 1/2"
-2" LAYER-HMA SURFACE COURSE (TOPLIFT)
-2 1/4" LAYER-HMA TOP BINDER LIFT
-9 1/4" LAYER-HMA LOWER BINDER LIFT
(SEE MIXTURE REQUIREMENTS TABLE)
* IN AREAS OF SUPERELEVATION AND WHERE EXISTING PAVEMENT IS TO REMAIN A BINDER COURSE WILL BE USED TO ESTABLISH THE REQUIRED CROSS SLOPE.
NOTE: WIDENING VARIES 1'-0" TO 6'-0"
STA. 420+00 TO STA. 423+97 AND STA. 449+82 TO STA. 454+00

PROPOSED TYPICAL SECTIONS
SHEET 2 OF 2
US 24 OVER LAMOINE RIVER
F.A.P. RTE 317 (US RTE 24)
SECTION 9RS-4, (10,11) RS-3; (10B-1) R
BROWN & SCHUYLER COUNTY

SUPERELEVATION TABLE

P.I. STA.	SE RATE	SUPER ATTAINED	FULL SUPER	SUPER REMOVED
CURVE 1423+94.36	0.020 FT/FT	420+14.24 TO 421+20.80	421+20.80 TO 426+67.74	426+67.74 TO 427+21.02
CURVE 2430+49.42	0.020 FT/FT	427+22.56 TO 427+75.84	427+75.84 TO 433+22.82	433+22.82 TO 434+29.38
CURVE 3443+34.36	0.020 FT/FT	439+54.30 TO 440+60.80	440+60.80 TO 446+07.68	446+07.68 TO 446+60.96
CURVE 4449+89.14	0.020 FT/FT	446+61.38 TO 447+15.66	447+15.66 TO 452+62.44	452+62.44 TO 453+67.28