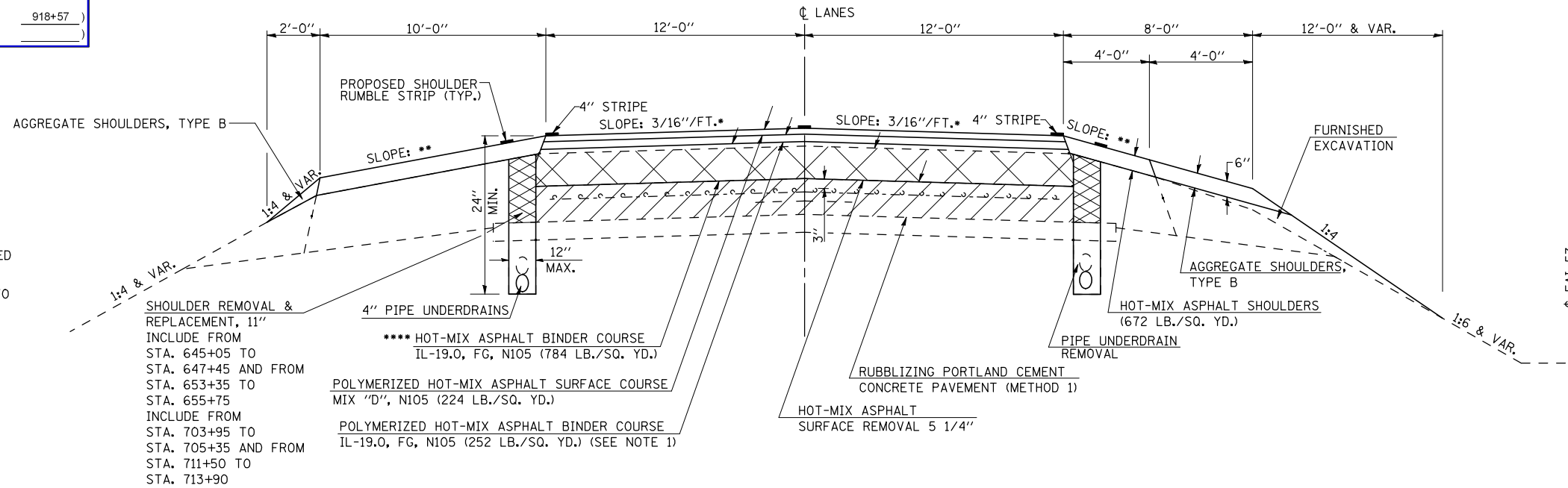


STRUCTURAL PAVEMENT DESIGN			
STRUCTURAL DESIGN TRAFFIC: Year	2020		
PV =	21812	SU =	975
		MU =	5876
ROAD/STREET CLASSIFICATION: Class =	Interstate		
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P =	32%	S =	45%
		M =	45%
TRAFFIC FACTOR:	Actual TF =	26.700	AC Type =
	Minimum TF =	7.11	20
PG GRADE:	Binder =	64-22	Surface =
			SBS 70-28
SUBGRADE SUPPORT RATING:			
SSR =	Poor	(Sta. 637+35 to 918+57)	
SSR =		(Sta. to)	

PROPOSED TYPICAL CROSS SECTIONS

FAI ROUTE 57
SOUTHBOUND LANES
STATION 637+35 TO STATION 645+05
STATION 655+75 TO STATION 703+95
STATION 713+90 TO STATION 918+57

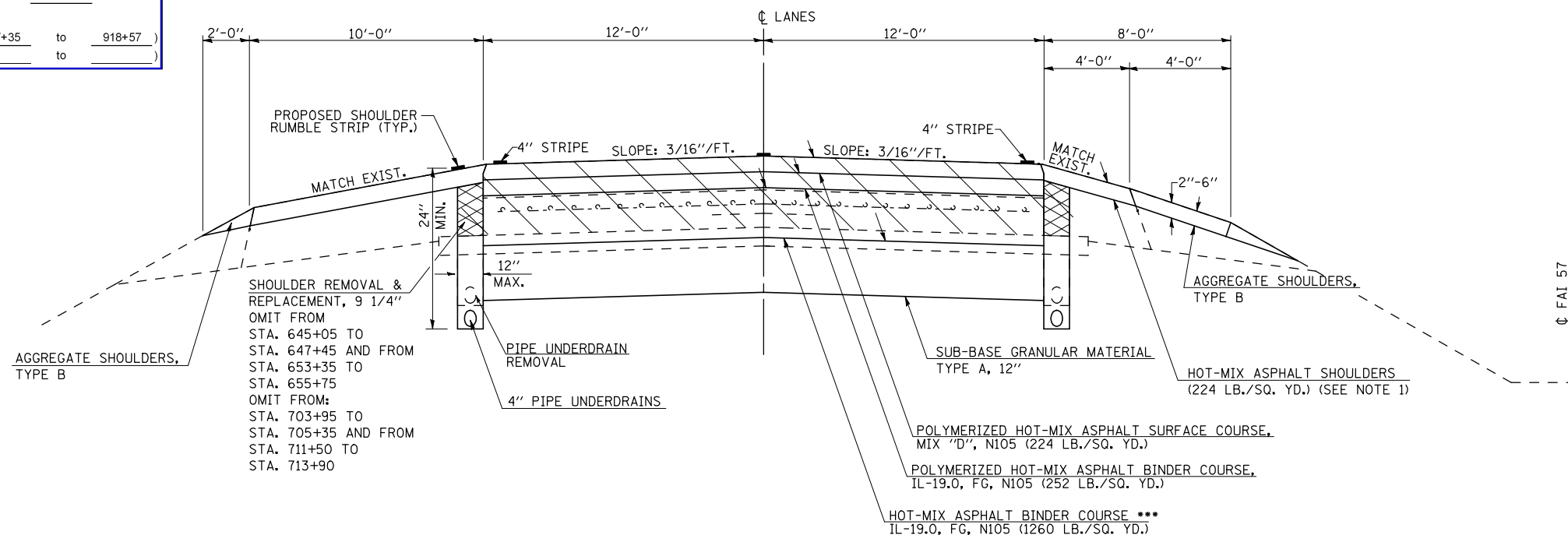


- * 3/16"/FT. CROSS SLOPE TO BE ACHIEVED WITH HOT-MIX ASPHALT BINDER COURSE
- ** MATCH EXISTING SHOULDER SLOPE UP TO 6% MAX.
- *** LIFT THICKNESS - MINIMUM 2 1/4" MAXIMUM 4 1/2"
- **** (672 LB./SQ. YD.) STA. 764+00 TO STA. 767+00 STA. 875+60 TO STA. 878+40

STRUCTURAL PAVEMENT DESIGN			
STRUCTURAL DESIGN TRAFFIC: Year	2020		
PV =	21812	SU =	975
		MU =	5876
ROAD/STREET CLASSIFICATION: Class =	Interstate		
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P =	32%	S =	45%
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	Minimum TF =	7.11	20
PG GRADE:	Binder =	64-22	Surface =
			SBS 70-28
SUBGRADE SUPPORT RATING:			
SSR =	Poor	(Sta. 637+35 to 918+57)	
SSR =		(Sta. to)	

PROPOSED TYPICAL CROSS SECTIONS

FAI ROUTE 57
SOUTHBOUND LANES
STATION 645+05 TO STATION 655+75 - S.N. 010-0254
STATION 703+95 TO STATION 713+90 - S.N. 010-0171



	SHOULDER REMOVAL & REPLACEMENT
	PROPOSED RUBBLIZATION OF PORTLAND CEMENT CONCRETE PAVEMENT (METHOD 1)
	HOT-MIX ASPHALT SURFACE REMOVAL
	PAVEMENT REMOVAL

- NOTES:
1. WHEN THE PAVEMENT TRANSITION IS LESS THAN 2" IN THICKNESS MILL EXISTING SHOULDER TO PROVIDE FOR A MINIMUM 2" INLAY.
 2. SEE ALSO 'RESURFACING TRANSITION DETAILS'

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -
FILEL		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL CROSS SECTIONS

SCALE: SHEET NO. 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(10-34, 10-35)RS-2(SB)	CHAMPAIGN	66	11
			CONTRACT NO. 70923	
ILLINOIS FED. AID PROJECT				