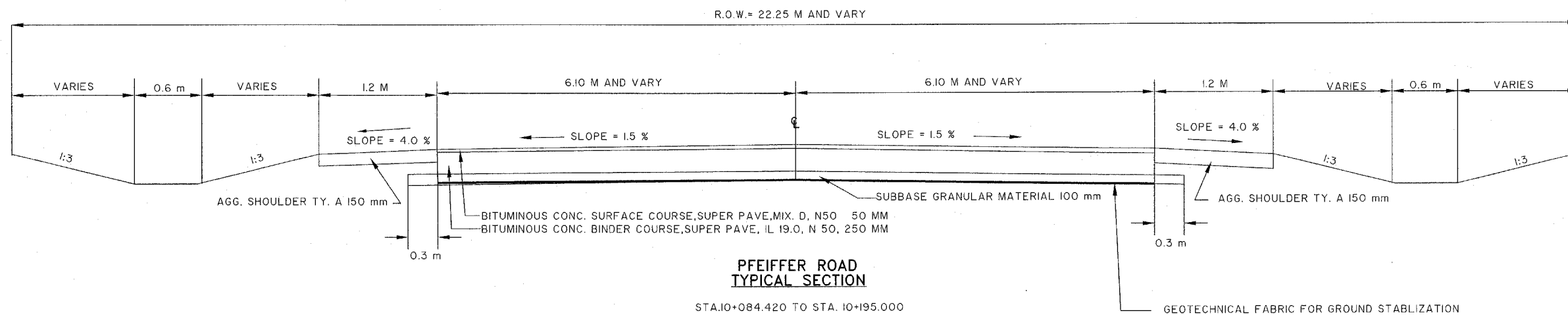


ROUTE NO.	SECTION NO.	TOTAL SHEET	SHEET NO.
F.A.U 6578 F.A.U 6679	03-00019-1 I-FP	98	10
FED. ROAD DIST. NO.	COUNTY	PROJECT	
	PEORIA ILLINOIS	M-5093 (I04)	

CONTRACT NO. 89369



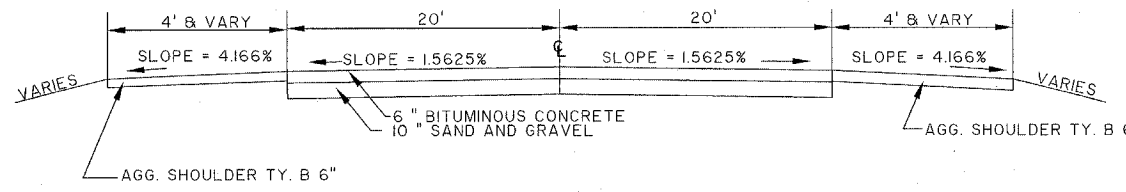
**PFEIFFER ROAD
TYPICAL SECTION**

STA. 10+084.420 TO STA. 10+195.000

FLEXIBLE PAVEMENT DESIGN	
SDT[2015]=7,800 CLASS II ROAD	
PV @95% = 7 410, SU @3% = 234, MU @2% = 156	
IBR=3.3, % IN DESIGN LANE P= 32, S=M=45	
TRAFFIC FACTOR= 0.87	
BIT. SURF. COURSE	A1= 50 MM D1= 0.4
BIT. BINDER COURSE	A2=250 MM D2= 0.33
GRANULAR SUB BASE	A3=100 MM D3= 0.11
STRUCTURE NUMBER PROVIDED= 4.54 > 4.1 (REQUIRED)	

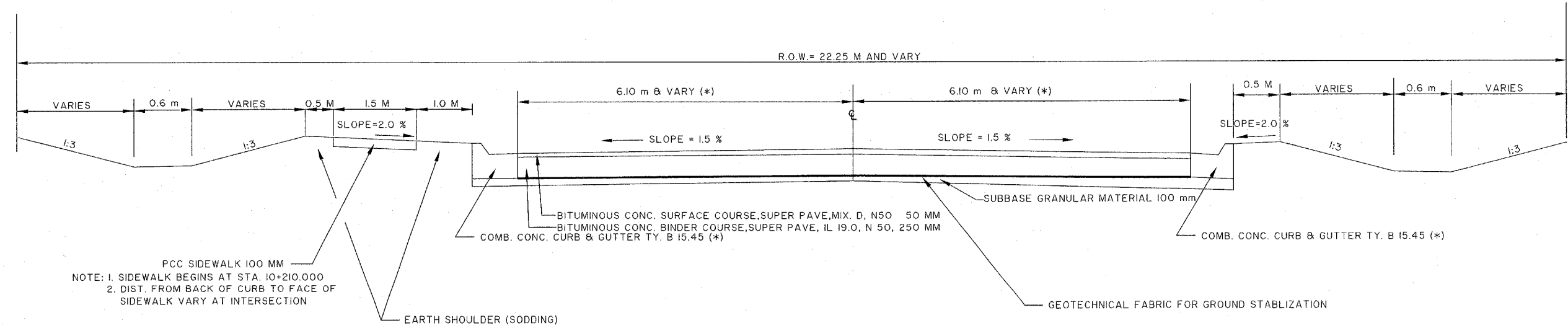
BITUMINOUS MIXTURE REQUIREMENTS		
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.		
MIXTURE USE(S):	SURFACE COURSE/ INCIDENTAL BITUMINOUS SURFACING	BINDER COURSE
AC/PG:	PG 64-22	PG 70-22
RAP % : (MAX)**	15 %	25 %
DESIGN AIR VOIDS:	4.2 % @ Ndes=50	4.2 % @ Ndes=50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR IL 12.5	IL 19.0
FRICTION AGGREGATE	MIXTURE D	N/A

** IF > 15% RAP IS USED, THE CONTRACTOR MAY BE REQUIRED TO USE A SOFTER GRADE OF ASPHALT AS DETERMINED BY THE MATERIAL ENGINEER.



**PFEIFFER ROAD
EXISTING PAVEMENT**

STA. 10+080 TO STA. 10+500



**PFEIFFER ROAD
TYPICAL SECTION**

STA. 10+195.000 TO STA. 10+500.000
NOTE: SEE INTERSECTION GEOMETRIC AND ISLAND DETAIL SHEET

NOTE: 1. SIDEWALK BEGINS AT STA. 10+210.000
2. DIST. FROM BACK OF CURB TO FACE OF SIDEWALK VARY AT INTERSECTION

PEORIA COUNTY HIGHWAY DEPT.
TYPICAL SECTIONS
PFEIFFER ROAD
NOT TO SCALE