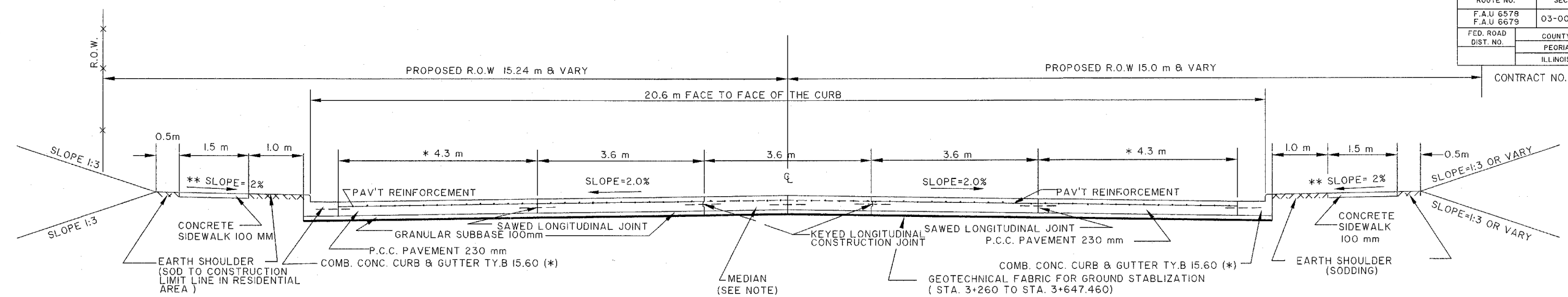


ROUTE NO.	SECTION NO.	TOTAL SHEET	SHEET NO.
F.A.U 6578 F.A.U 6679	03-00019-1 I-FP	98	8
FED. ROAD DIST. NO.	COUNTY	PROJECT	
	PEORIA	M-5093 (104)	
	ILLINOIS		

CONTRACT NO. 89369



NOTE: CONSTRUCT BITUMINOUS MEDIAN OR OTHERWISE SHOWN IN THE PLAN, MEDIAN INCLUDE 55 mm BIT. CONC. SURFACE COURSE SUPERPAVE MIXTURE D N50 AND BIT. CONC. BINDER COURSE SUPERPAVE, IL-19.0 N50, 185 MM  
 CONSTRUCT CONCRETE MEDIAN 230 mm WITH PAVEMENT FABRIC AND TIE BAR ACROSS THE INTERSECTIONS, SEE CONSTRUCTION DETAIL SHEETS FOR LOCATION AND DETAILS  
 \* SEE INTERSECTION GEOMETRICS AND ISLAND DETAILS SHEET FOR MORE INFORMATION  
 \*\* SLOPE MAY VARY, WHERE INTERSECT WITH SIDE ROADS, DRIVEWAYS, AND ENTRANCES. ( 1:12 MAXIMUM )

**AIRPORT ROAD  
TYPICAL SECTION**  
STA. 3+200.000 TO STA. 3+947.460

**BITUMINOUS MIXTURE REQUIREMENTS**

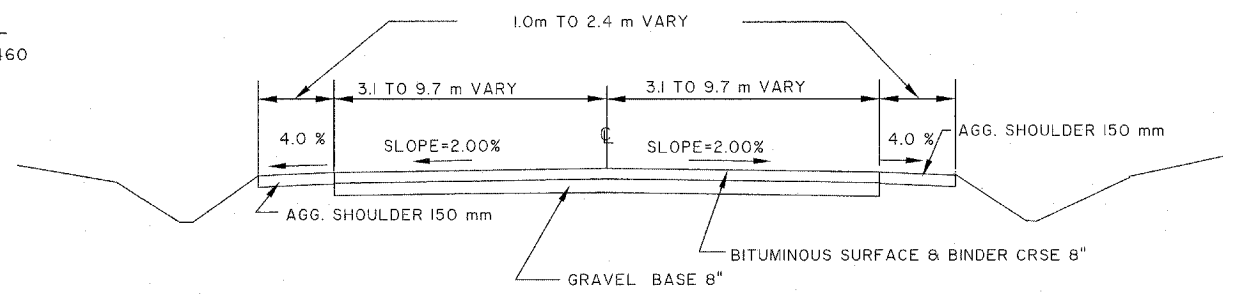
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.

MIXTURE USE(S):	SURFACE COURSE/ INCIDENTAL BITUMINOUS SURFACING	BINDER COURSE
AC/PG:	PG 64-22	PG 64-22
RAP % : (MAX)**	10 %	15 %
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

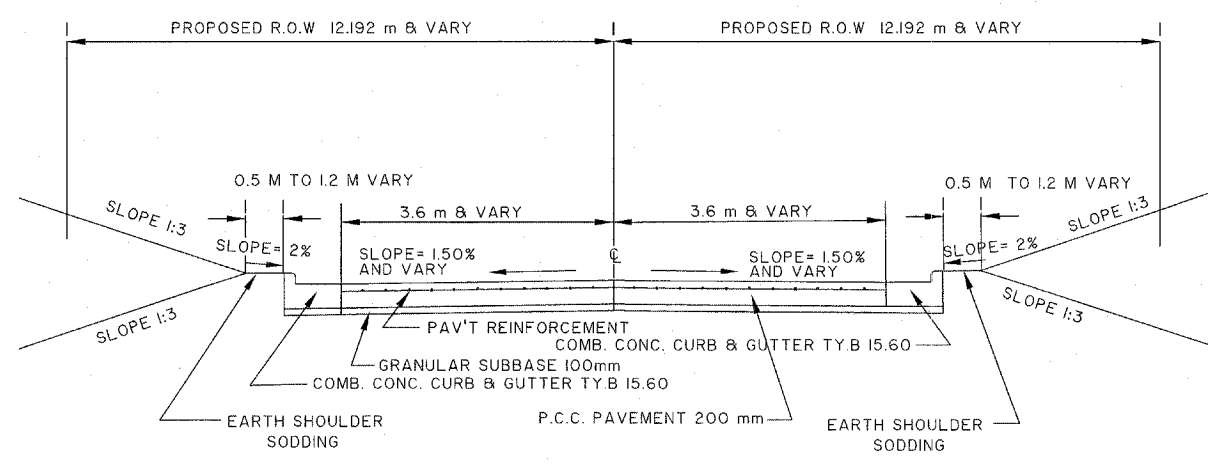
\*\* IF > 15% RAP IS USED, THE CONTRACTOR MAY BE REQUIRED TO USE A SOFTER GRADE OF ASPHALT AS DETERMINED BY THE MATERIAL ENGINEER.

**RIGID PAVEMENT DESIGN  
CLASS I [36 290 Kg ] TRUCK ROUTE [80,000 LB]**

SDT[2015]=11,000 CLASS I ROAD  
 PV @95% =10 450, SU @3% =330, MU @2% = 220  
 IBR=3.7 ,% IN DESIGN LANE P= 32, S=M=45  
 TRAFFIC FACTOR=1.820  
 PAVEMENT THICKNESS 230 mm  
 SUBGRADE TYPE GRANULAR 100 mm  
 TRANSVERSE JOINT SPACING = 4.6 m  
 DOWEL BAR DIAMETER = 38 mm

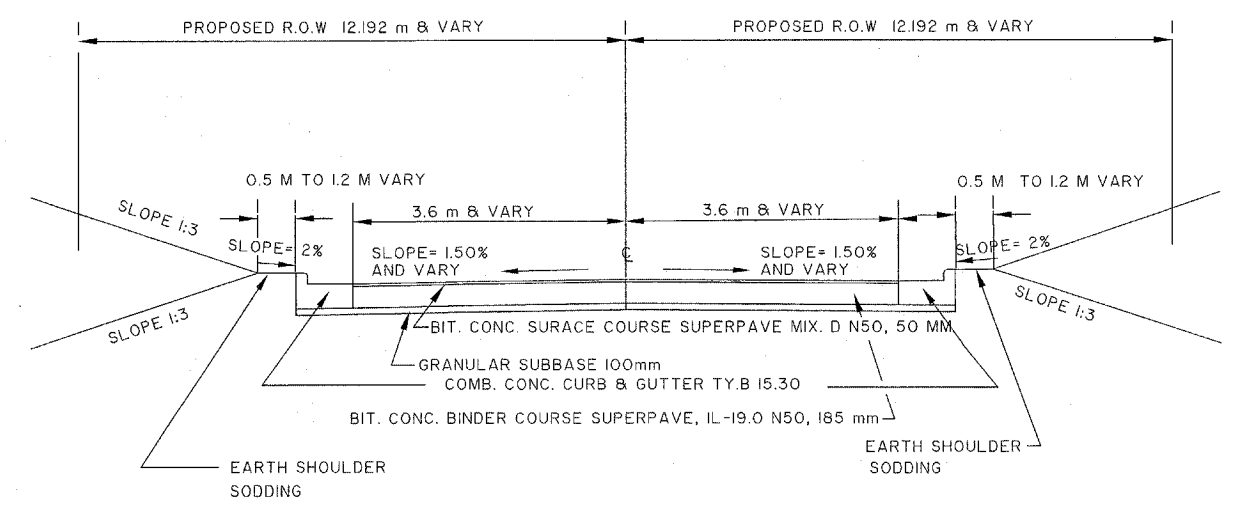


**EXISTING TYPICAL SECTIONS**  
STA.3+080.000 TO STA.3+947.460



**AIRPORT ROAD  
SIDE ROADS TYPICAL SECTION**

NOTE : ABOVE TYPICAL SECTION APPLY FROM EDGE OF THE PAVEMENT (MAIN ROAD) TO END OF RADIUS RETURNS OR OTHERWISE SHOWN ON THE PLAN.



**AIRPORT ROAD  
SIDE ROADS TYPICAL SECTION**

NOTE : ABOVE TYPICAL SECTION APPLY FROM END OF CONC. PAVEMENT ( SIDE ROAD) TO MATCH EXISTING PAVEMENT

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