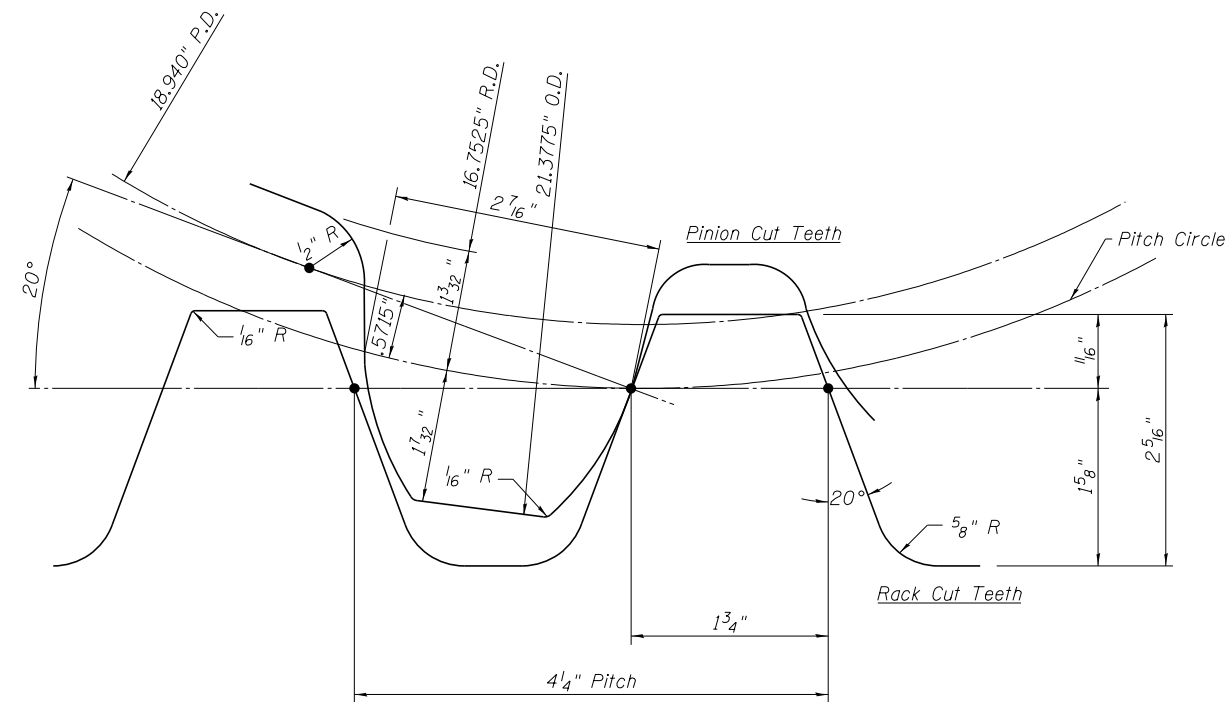


**PINION GEAR A<sub>2</sub>**  
 14 Teeth, 4 1/4" Circular Pitch, Special 20° Involute Cut Teeth  
 Forged Alloy Steel, ASTM A668, Class G/ASTM Alloy 4140 Annealed



**RACK AND PINION GEARS**  
 4 1/4" Circular Pitch - 20° Involute  
 For Information Only

FILE NAME =	USER NAME =	DESIGNED - JMS	REVISED -
		CHECKED - JMH	REVISED -
	PLOT SCALE =	DRAWN - PRH	REVISED -
	PLOT DATE =	CHECKED - JMH	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**MACHINERY DETAILS II**  
**STRUCTURE NO. 099-0166**

SHEET NO. 57 OF 59 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2011-065-BR	WILL	33	20
CONTRACT NO. 60P84				
ILLINOIS FED. AID PROJECT				