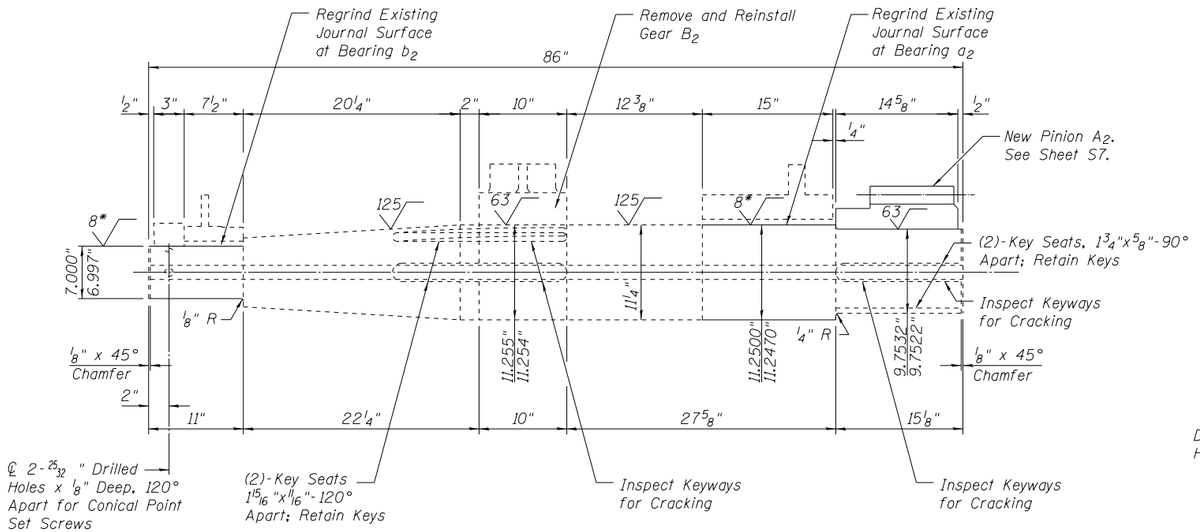
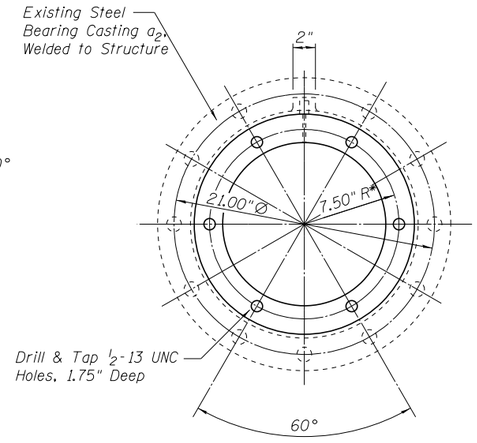
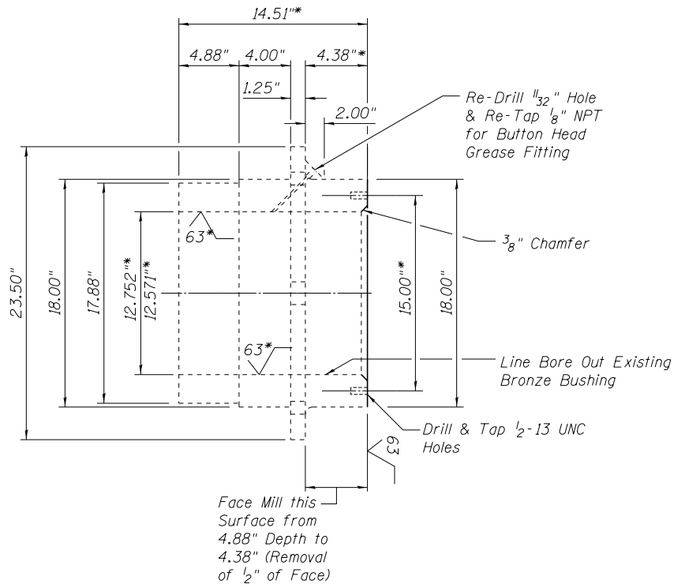


PINION DRIVE SHAFT ab_2

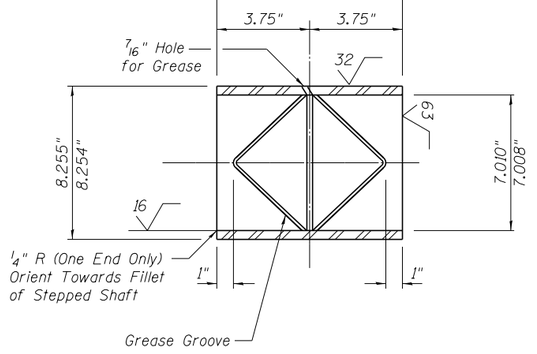
*New Dimensions





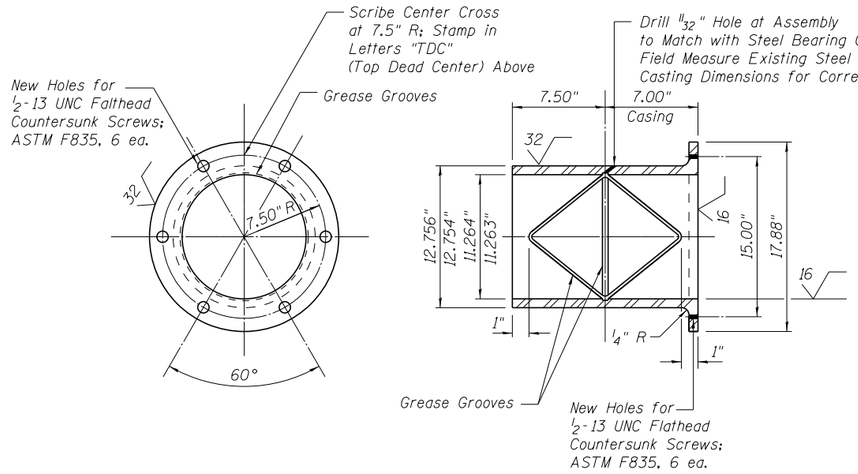
STEEL BEARING CASTING a_2

*New Dimensions



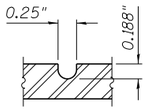
BUSHING FOR BEARING CASTING b_2**

Material: ASTM B271 Alloy 922 Centrifugally Cast Tin Bronze
**Provide FN2 Fit Into Existing Bearing Steel Casting b_2.



BUSHING FOR BEARING CASTING a_2***

Material: ASTM B271 Alloy 922 Centrifugally Cast Tin Bronze
***Provide FN1 Shrink Fit Into Steel Bearing Casting.



GREASE GROOVE DETAIL

BILL OF MATERIAL

ITEM	UNIT	Quantity
Operating Machinery	L Sum	0.5

Notes:

1. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
2. The details shown are the final configurations and details. The Contractor shall be responsible for obtaining approval for all methods and procedures necessary to achieve the details shown.
3. The Contractor shall verify all pertinent dimensions prior to fabrication.
4. The Contractor shall replace the existing grease gun, grease fittings, and piping from grease gun to fittings. See Special Provisions.

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 I
STRUCTURE NO. 099-0166
SHEET NO. S6 OF S9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2011-065-BR	WILL	33	19
		CONTRACT NO. 60P84		
		ILLINOIS FED. AID PROJECT		