

## LOG OF PILING DRIVEN BY FORMULA

Project No. BROS-64(53)60-64								Pile (Type and Size) Treated yellow southern pine (Wood, Steel or Concrete)									
County Marshall  Design No. 276  Contractor Fagre Construction Co.							<u>-</u>				(Wood)	, Steel or Cor	ncrete)				
							Hamr	Hammer (Type & Model) Gravity								_	
							_			( Gravity or Diesel manufacturer and model)							
Iowa DOT Hammer No. 172							Four	ndation E	Description	Pier 1						_	
Gross Weight of Hammer 4990 Effective Wt. 4990											( Nort	h abut, Pier 1	, etc. )				
We	ight of Driv	ing Parts					Station	of Foun	dation C.L.	300+12						_	
Weig	ht of Anvil						<b>-</b> ,										
Wei	ght of Cap	730			Cap No	2120	_	For	mula Used	P=(3WH/	S+0.35) x	(W/W+M	)			_	
We	ight of Pile	922.2					_										
Plan F	Pile Length	30'					Plan	Driving I	Resistance		25 Ton					_	
						orientation as										ber	
	below if weld Batter Piling	ling was ne		ection shown		e Iowa DOT [	District Office	ce upon co	ompletion of e	each foundat	ion. Note o	n drawing v	vhich pile	has been log	ged.		
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	•	•									•		*		•	-	
	•			• 4 (	· (	· (2)	·		<u></u>	•			1	•		•	
	•	•	•		• (	2) (	3)	(4)	5	•	•	•	1	•	•	•	
			· · /	:/ _					<u> </u>				N				
		Logged p	ile														
	(2)					RETAP (3)			ı		PILE	EXTENS	NSIONS (4)				
		(1) Plan	Length	Average Penetration	Ram	Driven		Ram	(2) Ave. Penetration	Driven	Length	Length	Ram	(2) Ave. Penetration	Driven		
Pile No.	Date Driven	Length (ft.)	Cutoff ( 0.0 ft.)	Last Blows (inches)	Rise (ft.)	Resistance (Tons)	Date	Rise (ft.)	Last Blows (inches)	Resistance (Tons)	Added (0.0 ft.)	Cutoff ( 0.0 ft.)	Rise (ft.)	Last Blows (inches)	Resistance (Tons)	Welds ( Count	
1	06/27/06	30	0.7	0.65	5	26.5	2410	()	()	(101.0)	(0.0 1)	( 0.0)	()	(	( . c )	( 000	
2	06/27/06	30	0.4	0.65	5	28											
3	06/27/06	30	0.3	0.60	5	29.5											
4 5	06/27/06 06/27/06	30 30	0.3 0.5	0.63 0.63	5 5	28.6 27											
-	00/21/00	- 00	0.0	0.00													
															<u> </u>		
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(1) (2) (3) (4)	For gravity h	nammers, en e of retap in	iter the pene date columi	etration in the	last 5 blo y min.). Li	nything other the ws divided by st only pile act	<ol><li>For stear</li></ol>	m or diesel			ation in the l	ast 10 blow		y 10.	otal Welds:		
				_											0.0	-	
Wel	ders Name:			_	Lab No.:		. Е	Exp. Date:		-				Total:	150.0	Feet	
	Remarks:															-	
																-	
		Insn	ector	-		Date	=					Pr	oject Engi	neer		-	
Inspector Date													-, 19				