

		COUNTY COUNTY	BHESTS .	SHEET ND.	SHEET NO. 1
		06 - BUREAU BHBR BUREAU	165	90	22 SHEETS
	FED. ROAD DIST. NO		10.2531-	L	
	Contract =	# 66641 `			
٨	NOTES				
be of an appr	oved type and	shall develop in f	ension (nt least	
	oed reinforceme	nt bars. readed or coiled	full loo	ath	
		licer rodș or dow			
		the requirement			
ian may be su	bmitted to the	Engineer for app	roval.	Abbrava	1/
st results from	an approved to	esting laboratory			
the following r					
y - 1.25 x fy	x At				
ut Strength _	0.66 x fy x .	Δ.			
	nforcement bari				
	ed reinforcemen				
te					
BAR SPLIC	CER ASSEMBLI	ES			
licer Rod or		h Requirements			
icer Roa or el Bar Length ;		Min, Pull-Out St			
		kips - tensi			
1'-8''	14.7	7.9			
2'-0''	23.0	12.3			
2'-7''	33.1	17.4			
	45.1	23.8			
3'-5''	- <u>60.0</u>				
4'-6''	58.9	31.3			
4'-6'' 5'-9''	75.0	39.6			
4'-6''					
4'-6'' 5'-9'' 7'-3''	75.0 95.0 117.4	39.6 50.3			
4'-6'' 5'-9'' 7'-3''	75.0 95.0 117.4	39.6 50.3 61.8			
4'-6'' 5'-9'' 7'-3'' 9'-0''	75.0 95.0 117.4 	39.6 50.3 61.8 struction Line II Construction		-	
4'-6'' 5'-9'' 7'-3'' 9'-0'' truction or Coil	75.0 95.0 117.4 Slage Cons Stage	39.6 50.3 61.8 struction Line 11 Construction ded or Colt		► rcemen:	
4'-6'' 5'-9'' 9'-0'' truction or Coil plers (E)	75.0 95.0 117.4 Slage Cons Stage	39.6 50.3 61.8 struction Line II Construction	Reinfo Bars	rcemen	
4'-6'' 5'-9'' 7'-3'' 9'-0'' truction or Coil	75.0 95.0 117.4 Slage Cons Stage	39.6 50.3 61.8 struction Line 11 Construction ded or Colt		rcemen.	
4'-6'' 5'-9'' 9'-0'' truction or Coil plers (E)	75.0 95.0 117.4 Slage Cons Stage	39.6 50.3 61.8 struction Line 11 Construction ded or Colt		rcemen	
4'-6'' 5'-9'' 9'-0'' truction or Coil plers (E)	75.0 95.0 117.4 Slage Cons Stage	39.6 50.3 61.8 struction Line 11 Construction ded or Colt		rcemen.	
4'-6'' 5'-9''' 7' 3'' 9'-0'' truction truction or Coil plers (E) <u>1'2''</u> cl.	75.0 95.0 117.4 Slage Cons Stage Thread Splice	39.6 50.3 61.8 struction Line 11 Construction ded or Colt		rcemen.	•
4'-6'' 5'-9''' 7' 3'' 9'-0'' truction truction or Coil plers (E) <u>1'2''</u> cl.	75.0 95.0 117.4 Slage Cons Stage	39.6 50.3 61.8 struction Line 11 Construction ded or Colt		rcemen.	
4'-6'' 5'-9''' 7' 3'' 9'-0'' truction truction or Coil plers (E) <u>1'2''</u> cl.	75.0 95.0 117.4 Slage Cons Stage Thread Splice	39.6 50.3 61.8 struction Line 11 Construction ded or Colt		rcemen.	
4'-6'' 5'-9'' 7'-3'' 9'-0'' truction or Coil plers (E) 5 <u>1'b''</u> cl. <u>\$7</u>	75.0 95.0 117.4 Slage Cons Stage Threa Splice	39.6 50.3 61.8 struction Line 11 Construction ded or Colt		rcemen.	
4'-6'' 5'-9''' 7' 3'' 9'-0'' truction truction or Coil plers (E) <u>1'2''</u> cl.	75.0 95.0 117.4 Slage Cons Stage Threa Splice	39.6 50.3 61.8 struction Line 11 Construction ded or Colt		rcemen.	
4'-6'' 5'-9'' 7'-3'' 9'-0'' truction or Coil plers (E) 5 <u>1'b''</u> cl. <u>\$7</u>	75.0 95.0 117.4 Slage Cons Stage Threa Splice	39.6 50.3 61.8 struction Line 11 Construction ded or Colt		rcemen.	ŕ
4'-6'' 5'-9'' 7' 3'' 9'-0'' truction or Coil blers (E) <u>1'</u> 2'' cl. <u>\$7</u> Location	75.0 95.0 117.4	39.6 50.3 61.8 struction Line 11 Construction ded or Colt		rcemen.	
4'-6'' 5'-9'' 7' 3'' 9'-0'' truction or Coil Ders (E) <u>1'2''</u> cl. <u>\$7</u> Location Deck	75.0 95.0 117.4	39.6 50.3 61.8 struction Line 11 Construction ded or Colt		rcemen.	
4'-6'' 5'-9'' 7'-3'' 9'-0'' truction or Coil plers (E) <u>1'2''</u> cl. <u>S7</u> Location Deck S Abut Diaph	75.0 95.0 117.4	39.6 50.3 61.8 struction Line 11 Construction ded or Colt		rcemen.	
4'-6'' 5'-9'' 7'-3'' 9'-0'' truction or Coil plers (E) C Location Deck S Abut Diaph S Abut Pler Pier	75.0 95.0 117.4	39.6 50.3 61.8 struction Line II Construction ded or Coll r Rods (E)	Bars		
4'-6'' 5'-9'' 7'-3'' 9'-0'' truction or Coil plers (E) <u>1'2''</u> cl. <u>1'2''</u> cl. <u>ST</u> Location Deck S Abut Diaph S Abut Pler Pler Pler	75.0 95.0 117.4	39.6 50.3 61.8 struction Line II Construction ded or Coll r Rods (E)	Bars FPL IC		SSEMBLY
4'-6'' 5'-9'' 7'-3'' 9'-0'' truction or Coil plers (E) <u>1'2''</u> cl. <u>1'2''</u> cl. <u>S7</u> Location Deck S Abut Diaph S Abut Pler Pler Pler Pler	75.0 95.0 117.4	39.6 50.3 61.8 struction Line II Construction ded or Coil r Rods (E) BAR S	Bars SPL ICI DE	ER A	SSEMBLY
4'-6'' 5'-9'' 7'-3'' 9'-0'' truction or Coil plers (E) E I <i>I</i> <i>C</i> <i>C</i> <i>C</i> <i>C</i> <i>C</i> <i>C</i> <i>C</i> <i>C</i> <i>C</i> <i>C</i>	75.0 95.0 117.4 Slage Cons Stage Threa Splice	39.6 50.3 61.8 struction Line II Construction ded or Coit r Rods (E) BAR S IL	Bars SPL ICI DE ROUT	ER A TAILS E 89	SSEMBLY OVER
4'-6'' 5'-9'' 7'-3'' 9'-0'' truction <u>or Coil</u> plers (E) <u>I'z''</u> cl. <u>ST</u> Location Deck S Abut Diaph S Abut Pler Pler Pler Pler N Abut Diaph	75.0 95.0 117.4 Slage Cons Stage Threa Splice	39.6 50.3 61.8 struction Line II Construction ded or Coit r Rods (E) BAR S IL FAI	EPL ICL DE ROUT ROUT	ER A TAILS E 89 E 80	SSEMBLY OVER 0 (I-80)
4'-6'' 5'-9'' 7'-3'' 9'-0'' truction or Coil plers (E) E I <i>I</i> <i>C</i> <i>C</i> <i>C</i> <i>C</i> <i>C</i> <i>C</i> <i>C</i> <i>C</i> <i>C</i> <i>C</i>	75.0 95.0 117.4 Slage Cons Stage Threa Splice	39.6 50.3 61.8 struction Line II Construction ded or Coit r Rods (E) BAR S IL FAI SE	Bars FPL ICI DE ROUT ROUT CT ION	ER A TAILS E 89 E 80 I 06-	SSEMBLY S OVER 0 (I-80) 8HBR
4'-6'' 5'-9'' 7'-3'' 9'-0'' truction <u>or Coil</u> plers (E) <u>I'z''</u> cl. <u>ST</u> Location Deck S Abut Diaph S Abut Pler Pler Pler Pler N Abut Diaph	75.0 95.0 117.4 Slage Cons Stage Threa Splice	39.6 50.3 61.8 struction Line II Construction ded or Colt r Rods (E) BAR S IL FAI SE BU	Bars EPL ICI DE ROUT ROUT CT ION URE A	ER A TAILS E 89 E 80 V 06- V CO	SSEMBLY S OVER 0 (I-80) 8HBR