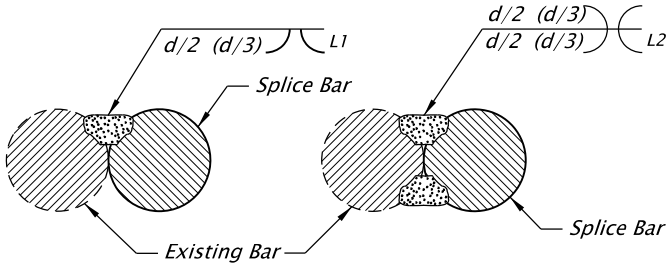
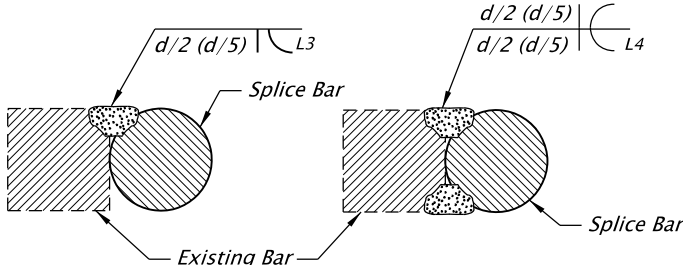


MINIMUM WELD LENGTHS (Round Bars)		
Splice Bar Size	Single Flare V-Groove Weld L1 (inches)	Double Flare V-Groove Weld L2 (inches)
#3	3"	2"
#4	3½"	2¼"
#5	4½"	2¾"
#6	5"	3"
#7	6"	3½"
#8	7"	4"
#9	8"	4½"
#10	8½"	5"

MINIMUM WELD LENGTHS (Round & Square Bars)		
Splice Bar Size	Single Flare Bevel Groove Weld L3 (inches)	Double Flare Bevel Groove Weld L4 (inches)
#3	4½"	3"
#4	6"	3¾"
#5	7"	4¼"
#6	8½"	5"
#7	10"	5¾"
#8	11½"	6½"
#9	13"	7¼"
#10	14½"	8"

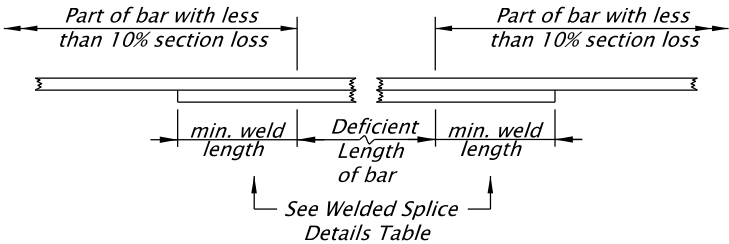


FLARE V-GROOVE WELDS
(ROUND REBAR)



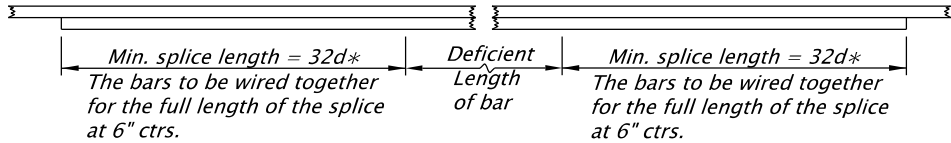
FLARE BEVEL GROOVE WELDS
(SQUARE & ROUND REBAR)

WELDED SPLICE DETAILS



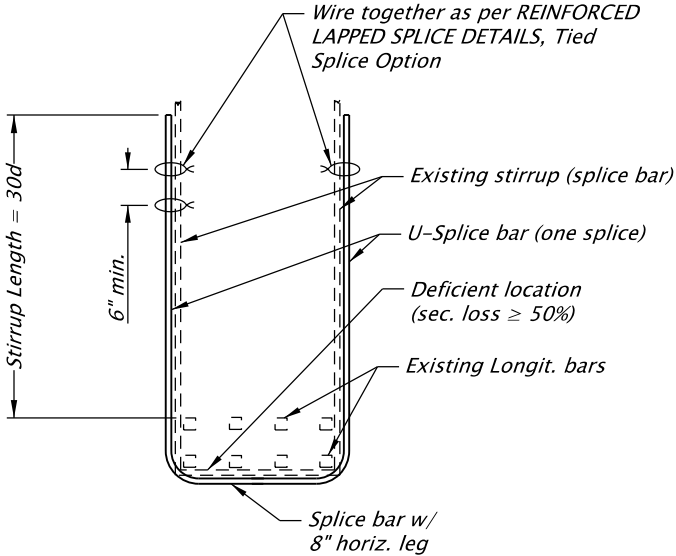
WELDED SPLICE OPTION

NOTE:
Reinforcing splice welds to conform to AWS D1.4.
Assume high carbon content and preheat accordingly.



TIED SPLICE OPTION

*d = nominal diameter of added bar



REBAR IN SECTION OF BEAM

NOTE:
See Supplemental Standard Specification for criteria required to add bar section. Where existing bar is deficient, splice an ASTM A706 grade 60 reinforcing bar with area equivalent of existing bar or as otherwise called for in Subsection 00542.43 or 01220.41.

REINFORCEMENT LAPPED SPLICE DETAILS

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
REINFORCING BAR REPAIR			
2024			
DATE	REVISION DESCRIPTION		
-	-		
CALC. BOOK NO.	N/A	SDR DATE	20-APR-2018
BR505			