

Standard Drawing Guidance (do not show on plans): Show only pile repair method required. Delete all other details. If used in combination, specify associated pile(s) by

(i) Based on similar percentage of section loss, pile plating may be more attractive than partial pile replacement. Details can be modified if only the web or flanges need to be plated. If only the web is plated, plates on each side of the web are required. If only a flange is to be plated, both flanges and plates on each side of the flanges are required. Overall symmetry of the section shall be maintained.

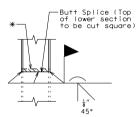
2 Based on additional factors other than just percent of) Based on additional factors other than just percent of section loss, partial pile replacement may be considered. Minimizing or eliminating traffic loading, adding falsework, or just having support conditions such as integral bents can help to determine the repair method. Pile replacement shall not be used if multiple piles need repair and falsework is not provided.

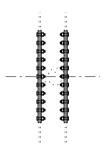
(3) Use this note for coating any remaining piles or pile sections, and sway bracing not being repaired. Use this note on Front Sheet or Notes Sheet when no repair or no encasement is required. Include standard pay items "Surface Preparation for Applying Epoxy-Mastic Primer" and either "Aluminum Epoxy-Mastic Primer" or "Gray Epoxy-Mastic Primer".

"Aluminum" is preferred because it acts as both a barrier and corrosion protection where "Gray" only acts as a barrier. If for any reason coated pile is embedded in fresh concrete or "Gray" is being used elsewhere. "Aluminum" shall not be used.

(a) If galvanizing is preferred, add splice detail and replace note with:

"New steel pile section shall be galvanized. See special provisions."





STEEL PILE SPLICE

* Galvanizing material shall be omitted or removed 1 inch clear of weld locations. See Special Provisions.

See EPG 751.40.1.2.1 for guidance on when coating, encasement or jacketing, and plating or partial replacement should be considered.

y tuble of sheet. (rossible freis given)		
Quantity Table		
Item		Quantity
avation	lump sum	×
	lump sum	×
paration for Applying Epoxy-Mastic Primer	lump sum	×
xy-Mastic Primer	lump sum	×
Mastic Primer	lump sum	×
Repair	linear foot	×
nen t	Linear foot	×

These quantities are included in the Estimated Quantities table on Sheet No. .



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