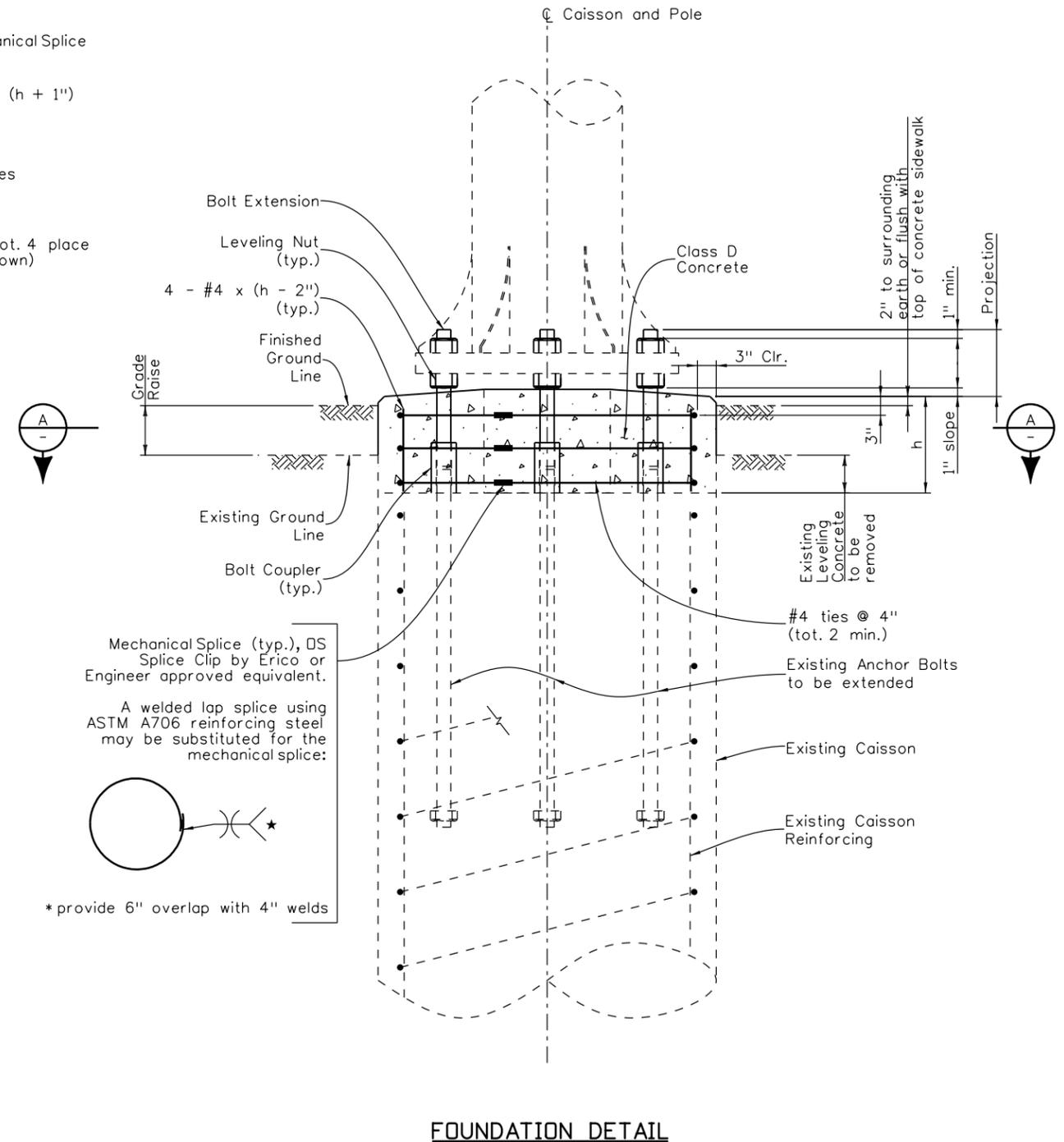
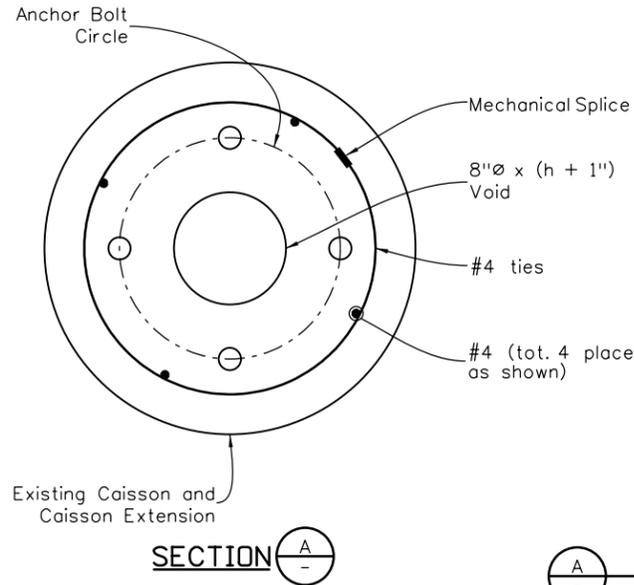


**NOTES:**

1. The Contractor shall be responsible for the stability of the structure during construction.
2. Information and dimensions contained in the table are based on field observations. The grade raise and dimension "h" may be adjusted as approved by the Engineer. The Contractor shall verify all dependent dimensions and information in the field before ordering or fabricating any material.
3. All bolt extensions, nuts, washers and bolt couplers shall be galvanized in accordance with Section 509 of the Specifications.
4. Bolt couplers and mechanical splices shall develop 125% of the tensile strength for the existing anchor bolts and rebar ties respectively.
5. Bolt extensions shall be fabricated with AASHTO M314-90 grade 55 steel.
6. Any necessary splices of wiring within the pole or mast arm shall be located at a position within reach of existing access holes.
7. Bolt extensions, nuts, washers, bolt couplers, mechanical splices, concrete, rebar and the work to install these items shall be included in the bid price for item no. 210, reset traffic signal pole.



**ANCHOR BOLT EXTENSION DATA:**

Location	Caisson Diameter (In.)	Bolt Circle Diameter (In.)	Anchor Bolt Diameter (In.)	Number of Anchor Bolts	Base Plate Thickness (In.)	h (In.)	Projection (In.)
NE Corner							
NW Corner							
SE Corner							
SW Corner							

- ◆ To be verified by the Contractor
- Projection = 2 x (Anchor Bolt Diameter) + (Base Plate Thickness) + 2"

Designer:  
Review caisson Depth and Strength for additional moment caused by  $V_{wind} \times h$ .

Revision Dates	3/07	10/13
(Preliminary Stage Only)	2/06	

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE
XXX	MM/YY	XXX	MM/YY	XXX	MM/YY
Designed By	Detailed By	Checked By	Checked By	Quantities By	Checked By
XXX	MM/YY	XXX	MM/YY	XXX	MM/YY

Print Date: \$DATE\$
File Name: Sheet_B-210-1.dgn
Horiz. Scale: NTS      Vert. Scale: As Noted
Staff Bridge Branch - Unit 022X    Unit Leader Initials

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation  
4201 East Arkansas Avenue  
Room 107  
Denver, CO 80222  
Phone: 303-757-9309 FAX: 303-757-9197

Staff Bridge Branch      Initials

As Constructed
No Revisions:
Revised:
Void:

TRAFFIC SIGNAL ANCHOR BOLT EXTENSION DETAILS			
Designer: XXXXXXXX	Structure Numbers	X-XX-XX	Project No./Code
Detailer: XXXXXXXX	Structure Numbers	X-XX-XX	
Sheet Subset: BRIDGE	Subset Sheets: BXX of XXX		Code
			Sheet Number