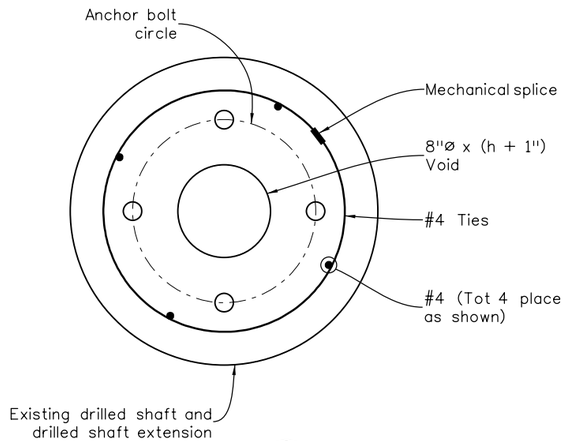
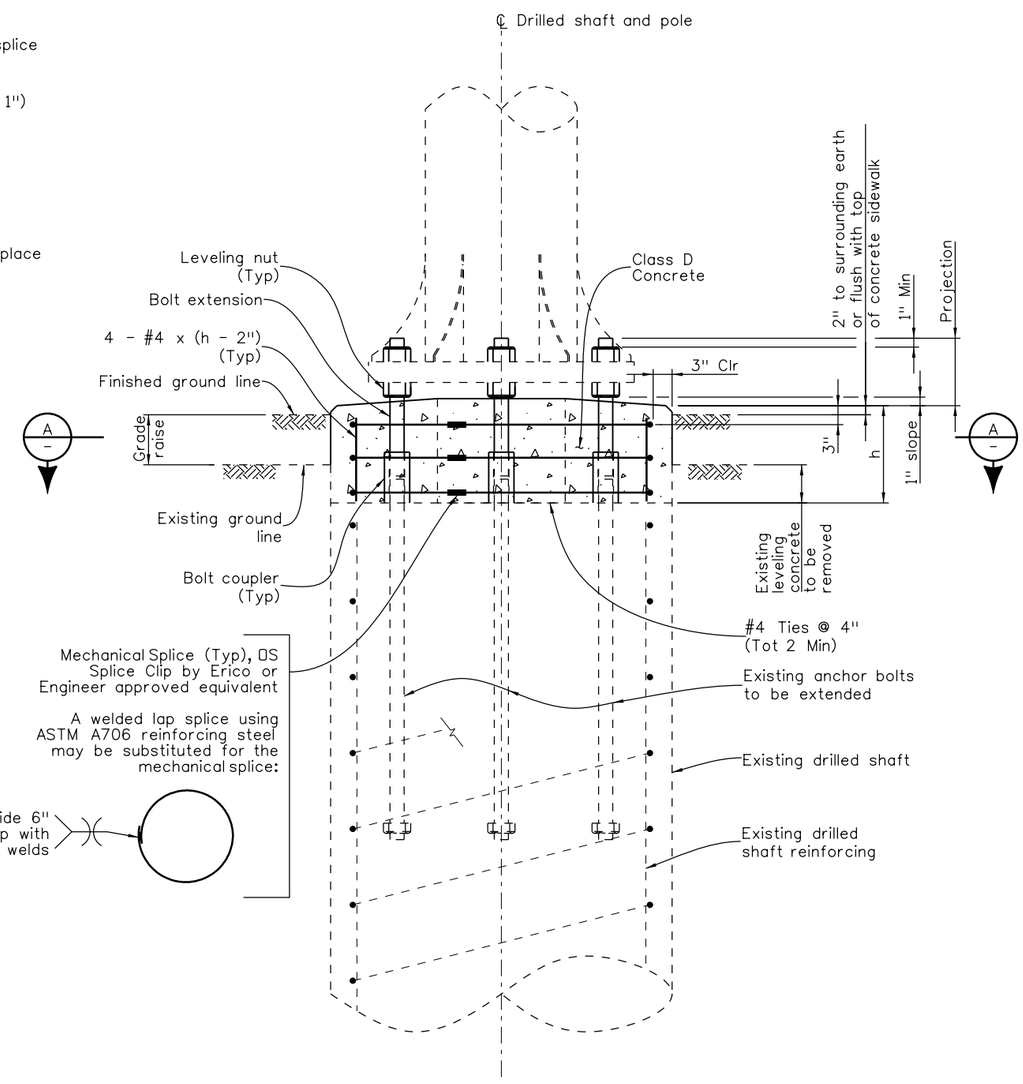
NOTES:

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.



SECTION A



FOUNDATION DETAIL

◆ ANCHOR BOLT EXTENSION DATA:

Location	Drilled Shaft 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							

Designer:

Review drilled shaft depth and strength for additional moment caused by V_{wind} x h.

◆ To be verified by the Contractor

■ Projection = 2 x (Anchor Bolt Diameter) + (Base Plate Thickness) + 2"

Revision Dates (Preliminary Stage Only): 2/06, 3/07, 10/13, 3/23

INITIALS By Checked By | DESIGN | DATE | DETAIL | DATE | QUANTITY | DATE

All seals for this set of drawings are applied to the cover page(s)

Print Date: $DATE$
File Name: Sheet_B-210-1.dgn
Horiz. Scale: Not to Scale Vert. Scale: As Noted
Unit Information Unit Leader Initials

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation
2829 West Howard Place, 3rd Floor
Denver, CO 80204
Phone: 303-512-4079
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	
Detailer: XXXXXXXX		X-XX-XX	
Sheet Subset: BRIDGE	Subset Sheets: BXX of XXX		

Project No./Code
Project Number
Code
Sheet Number

$PLOT_INFO$