

SPECIAL NOTE: DRY STONE FENCE SEGMENT
New Construction

1.0 REMOVAL of existing dry-laid limestone fence and other materials.

A. Remove existing dry-laid limestone fence as shown on drawings as per special note and store at Engineer approved location.

2.0 DESCRIPTION: Dimensions, Batter, Coping, culverts, wallheads, date stones, and Material.

Refer to Plans for wall construction limits and locations of culverts.

A. Foundation: 36" width, 4"-5" height

B. Batter: Maintain consistent 1" in 10" batter. Slope face inward 1" for each 10" of wall height, excluding coping and foundation.

C. Wall Height: Wall height may vary, but batter and width at cover course and cope shall remain constant. For typical wall: 28" width at base, tapering to 20" width at top of cover course. 40" height from top of foundation to top of cover course.

D. Coursing: Lay wall with wider courses at the base and gradually taper width of courses toward the top. Courses shall be regular with lower courses ranging from 5"-8" in height. Upper courses shall range from 3"-6" in height. Face width of individual stones shall range from 6" to 18" with the majority of lower course stones presenting a face of between 9"-14".

E. Cover Course: Set the cover course with a level top surface so the coping can maintain an even height.

F. Coping: Double cope paced vertically, 12" high, with squared and rectangular ends placed flush to the fence face. Fill center with hearing, and level top of hearing and copes to strings. Cope stones are not less than 2' wide with the majority from 3'-5' wide. Place tie copes not more than every 4' on center.

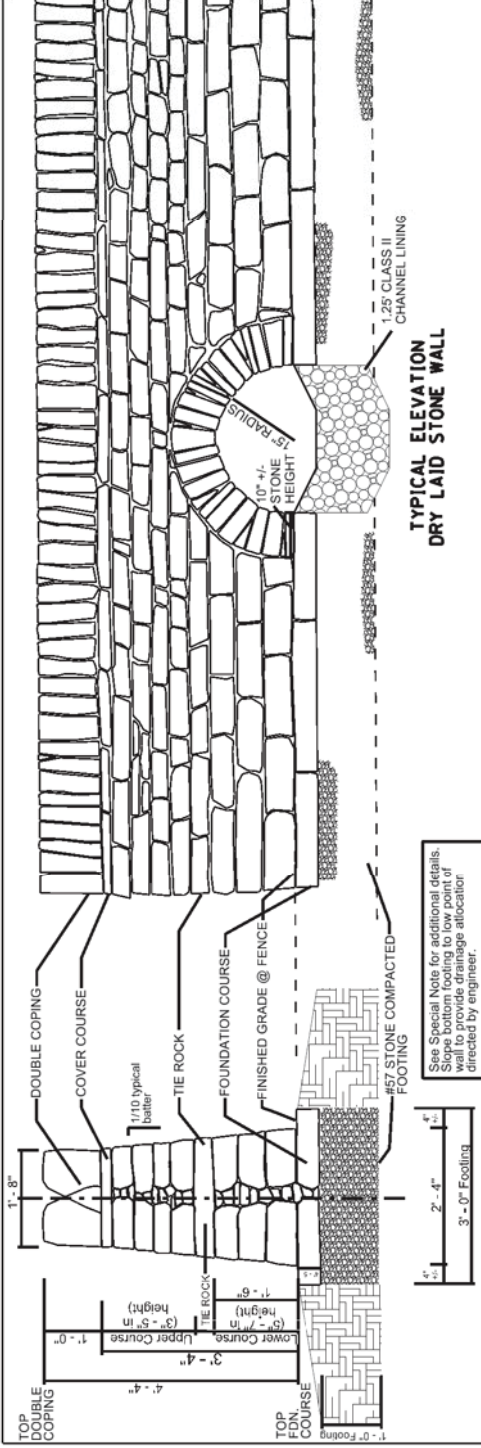
G. Culvert: Build arch culvert at locations shown on Plans. Build to dimensions on drawings with 15" radius. Use rectangular faced stones of consistent length and insert wedges as needed to form arch. Align ditch and fence so that crossing is at or near perpendicular.

H. Material: Match to existing (see photographs and Materials).

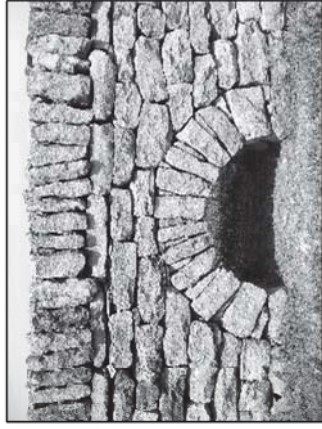
3.0 CONSTRUCTION

A. Construct face of new dry-laid limestone foundation as directed by the Engineer.

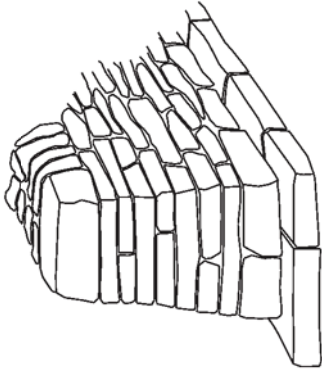
B. Verify dimensions of existing rock fence. If existing fence dimensions differ from new fence dimensions, transition between new and existing prior to tie-in. Incorporate Date Stone as tie rock near tie-in point, and present date to road.



**TYPICAL ELEVATION
DRY LAID STONE WALL**



DRY LAID STONE WALL PHOTOGRAPHS



DETAIL e WALL HEAD (TYPICAL)

SPECIAL NOTE FOR DRY LAID ROCK FENCE/RETAINING WALL RECONSTRUCTION

1. THE EXISTING ROCK SHALL BE USED TO RELOCATE AND RE-BUILD THE ROCK FENCE. HOWEVER, IF THERE IS NO SUITABLE ROCK AVAILABLE FOR VARIOUS WALL COMPONENTS (I.E.: WALLHEAD, TIE ROCKS, ETC.) THEN THE CONTRACTOR WILL ACQUIRE ADDITIONAL ROCK WHOSE SOURCE, COMPOSITION, SIZE, ETC. IS TO BE APPROVED BY THE ENGINEER BEFORE ITS PLACEMENT. COST FOR THIS ADDITIONAL ROCK IS TO BE INCLUDED IN THE UNIT PRICE FOR THE WALL.

2. THE CURRENT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SPECIAL NOTE FOR DRY-LAID ROCK FENCES (9T) WILL APPLY WITH THE FOLLOWING ADDITIONS AND EXCEPTIONS:

A) SECTION 3.5: THE ROCKS SHOULD NOT OVERHANG OR PROJECT ON THE SIDE OF THE FENCE THAT FACES THE ROAD. THE ROCK SHOULD BE FLUSH WITH THE FACE OF THE FENCE.

B) COVER COURSE SHOULD NOT OVERHANG OR PROJECT ON THE SIDE OF THE FENCE THAT FACES THE ROAD. COVER COURSE SHOULD BE FLUSH WITH THE FACE OF THE FENCE.

C) BATTER: IF THE EXISTING WALL DOES NOT HAVE ANY APPARENT BATTER, OR DOES NOT MATCH FIGURE 1 IN SPECIAL NOTE 9T, THEN TRANSITION THE FENCE TO MATCH THE DIMENSIONS SHOWN IN FIGURE 1.

QUALITY ASSURANCE

1. WORKMANSHIP: THE WORKMANSHIP SHALL BE OF HIGH QUALITY, AS RECOGNIZED BY THE KYTC. DRY STONE CONSERVANCY, INC. (DSC), AND DRY STONE INDUSTRY STANDARDS. POOR OR INFERIOR WORKMANSHIP (AS DETERMINED BY THE ENGINEER) IS TO BE REMOVED, REPLACED AND CORRECTED TO CONFORM TO THE STANDARDS OF THE DRY-LAID STONE MASONRY TRADE.

2. MASON QUALIFICATION: ALL DRY STONE MASONRY WORK WILL BE ACCOMPLISHED UNDER THE DIRECT SUPERVISION OF A MASON QUALIFIED UNDER THE CERTIFICATION BELOW:

A) DSC BASIC DRYSTONE MASON QUALIFICATIONS: DSC LEVEL 1 RANKING. DSC BASIC DRYSTONE MASON SHALL HAVE AT LEAST TWO YEARS EXPERIENCE. RUN THEIR OWN BUSINESS AND TRAIN APPRENTICES.