

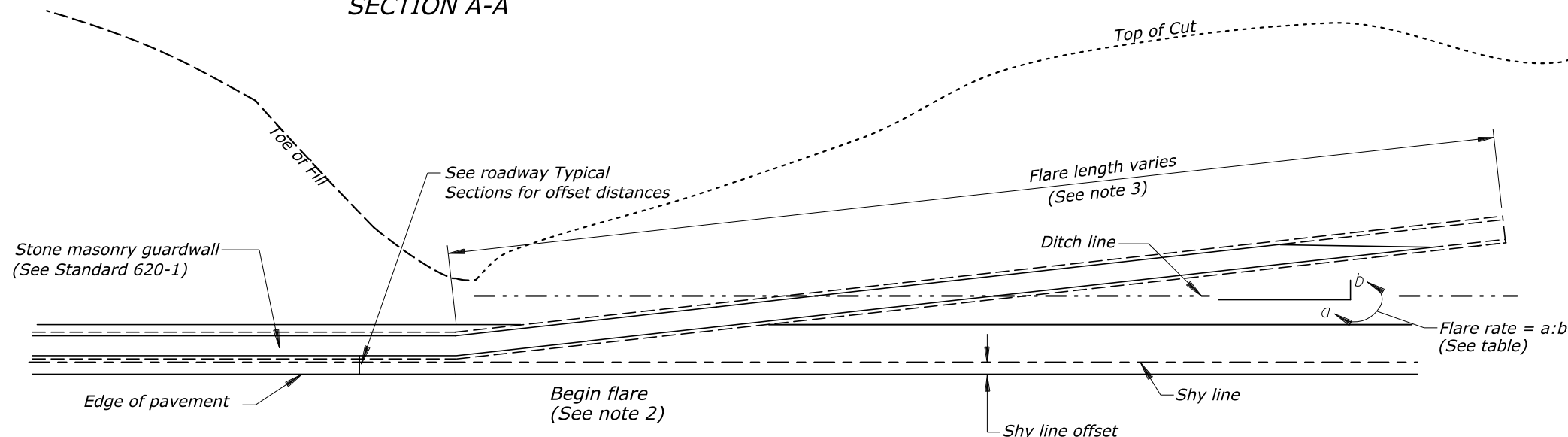
SECTION A-A

**GUARDRAIL FLARE RATES**

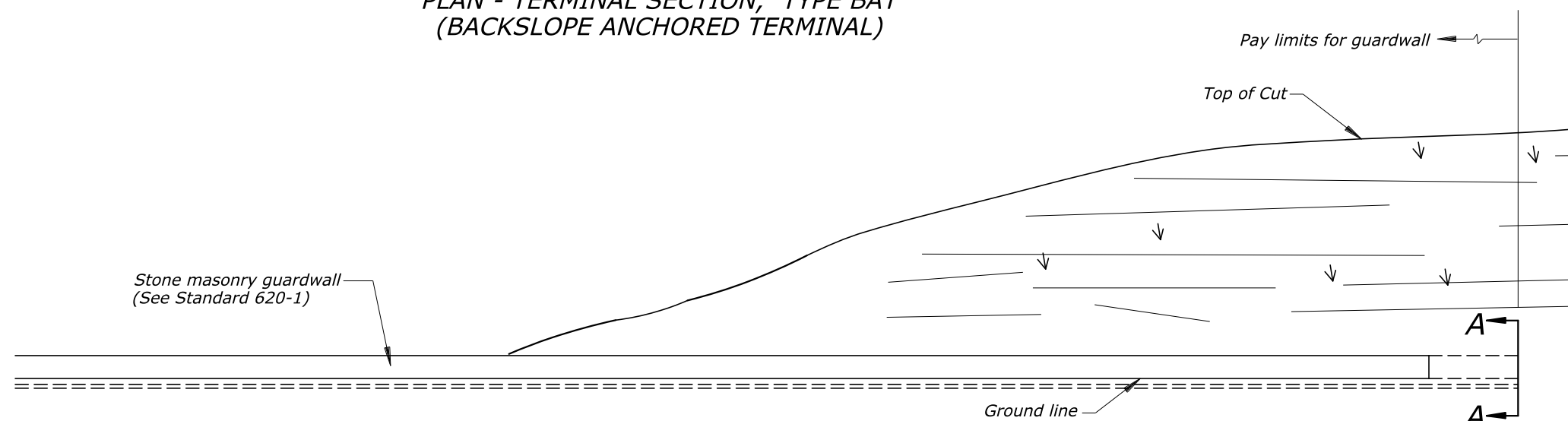
Design Speed (mph)	Shy line offset (ft)	Flare rate inside shy line (a:b)	Flare rate outside shy line (a:b)
60	8.0	26:1	18:1
50	6.5	21:1	14:1
40	4.5	16:1	10:1
30 and less	3.5	13:1	8:1

**Notes:**

1. See guardwall standards for concrete, masonry, and base details.
2. Begin cut flares at the transition point between fill and cut as directed by the Engineer.
3. Extend flare in cut until a minimum 1-foot cover is obtained over the guardwall end.



PLAN - TERMINAL SECTION, TYPE BAT  
(BACKSLOPE ANCHORED TERMINAL)



ELEVATION - TERMINAL SECTION, TYPE BAT  
(BACKSLOPE ANCHORED TERMINAL)

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION EASTERN FEDERAL LANDS HIGHWAY DIVISION	
U.S. CUSTOMARY DETAIL	
<b>STONE MASONRY GUARDWALL TERMINAL SECTION, TYPE BAT</b>	
DETAIL APPROVED FOR USE 02/2007	DETAIL
APPROVED : MAY 2011 REVISED: SEPTEMBER 2014	E620-03

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