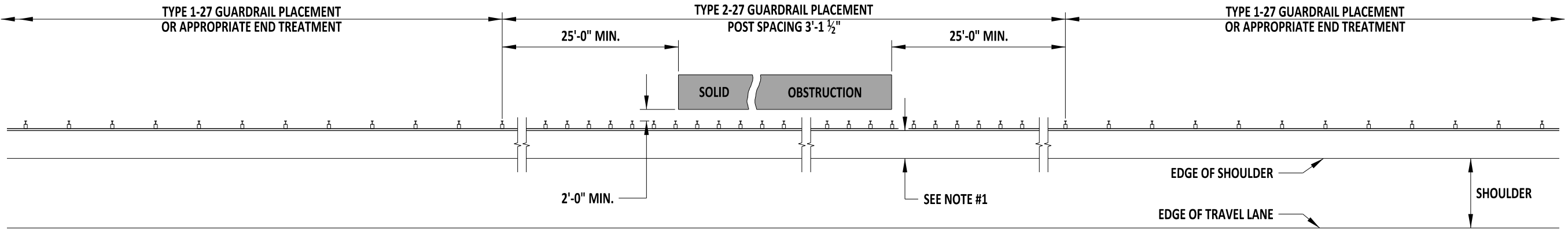
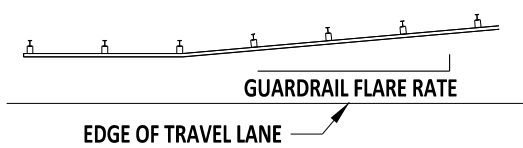


**TYPE 1-27 GUARDRAIL**  
TYPICAL GUARDRAIL TREATMENT  
WHEN THE REQUIRED 4'-0" CLEARANCE TO OBSTRUCTION IS AVAILABLE

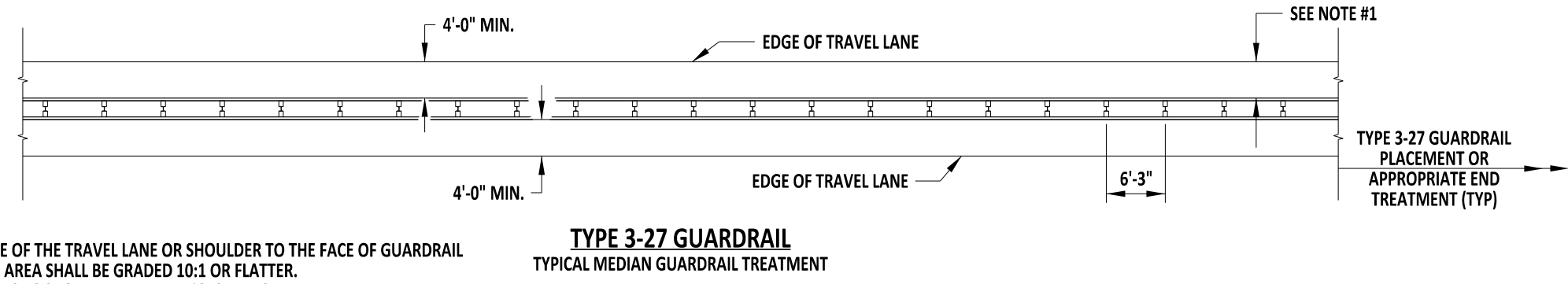


**TYPE 2-27 GUARDRAIL**  
TYPICAL GUARDRAIL TREATMENT  
WHEN 2'-0" TO 4'-0" OF CLEARANCE TO OBSTRUCTION IS AVAILABLE



FLARE RATES	
DESIGN SPEED	FLARE RATE
70 MPH	15:1
60 MPH	14:1
55 MPH	12:1
50 MPH	11:1
45 MPH	10:1
40 MPH	9:1
30 MPH	7:1

- NOTES:**
- 1). THE DISTANCE FROM THE EDGE OF THE TRAVEL LANE OR SHOULDER TO THE FACE OF GUARDRAIL SHOULD BE MAXIMIZED. THIS AREA SHALL BE GRADED 10:1 OR FLATTER.
  - 2). PLACE GUARDRAIL DELINEATORS AS SHOWN IN DETAIL B-13, SHEET 9.
  - 3). DETAILS ON THIS SHEET ARE NOT MASH COMPLIANT AND ARE TO BE USED SOLELY FOR MAINTENANCE REPAIRS OF 27" GUARDRAIL.



**TYPE 3-27 GUARDRAIL**  
TYPICAL MEDIAN GUARDRAIL TREATMENT



ENGINEERING SUPPORT  
*Paul Johnson*  
RECOMMENDED  
DATE: 09/01/2020

GUARDRAIL APPLICATIONS, 27"  
STANDARD NO. B-15 (2020) SHT. 1 OF 3

REVIEWED  
*Mike Long*  
DEPUTY DIRECTOR - DESIGN  
DATE: 09/01/2020  
APPROVED  
*Shrey*  
CHIEF ENGINEER  
DATE: 09/01/2020