



**DART DESIGN STANDARDS
CHECKLIST FOR
PIPELINES CONVEYING FLAMMABLE SUBSTANCES
BENEATH LRT TRACK**

PROJECT NAME	
DATE	DART – GEC NUMBER (DART Use Only)

Instructions: Complete the checklist by checking the appropriate response for each item. Return the completed checklist with the “Standard Application.” This checklist provides but is not limited to the most common design and construction standards DART may require. DART reserves the right to apply additional standards other than those listed on the checklist. Explain each N/A response in the space provided for additional comments.

#	Item	Yes	N/A	DART Use ¹
1	The application includes a drawing(s) showing a plan, cross section and details for the crossing.			
2	The drawing shows the track station or milepost number of the crossing.			
3	The drawing shows the DART right of way and public right of way boundaries in relation to the crossing.			
4	The drawing shows lines under railway tracks to be encased across the full width of the right of way.			
5	The drawing shows the lines to be installed under tracks by boring or jacking. (DART p. 6-5) ²			
6	The drawing shows the lines located to cross tracks at approximately and preferably at right angles thereto but at not less than 45 degrees. (DART p. 6-5)			
7	The drawing shows utility markers in accordance with p. 6-5 & p. 6-38.			
8	The drawing directs the contractor to construct the casing in accordance with the utility owner’s standards. (DART p. 6-7)			
9	The drawing requires grouting voids which form around a bore. (DART pps. 6-7 and 6-8)			
10	If the pipeline operates at pressures greater than 10 psi, the drawing shows shut off valves locations as described on page 6-8.			
11	When the lines are laid longitudinally on railway rights-of-way the drawing shows them located in accordance with p. 6-6.			
12	When casings are abandoned they shall be backfilled by methods and materials as directed by the Engineer and shown on the drawings. (AREMA 5.3.2.1.c)			
13	The drawing shows casing pipe under railway tracks and across railway rights-of-way to be buried deeper than shown in Table 6-2.			

¹ DART Use
 CON – Concur with applicant
 DNC – Do Not Concur with applicant

² Page numbers are references to the *DART Light Rail Project Design Criteria Manual*.

#	Item	Yes	N/A	DART Use ¹
14	The drawing shows carrier pipe materials comply with the DART requirements defined on page 6-18.			
15	The drawing shows casing pipe materials comply with the DART requirements defined on page 6-18.			
16	The drawing shows the casing is designed in accordance with the DART requirements defined on page 6-18.			
17	The drawing shows the ends of the casing and vents to comply with the DART requirements defined on page 6-18.			
18	The drawing shows gas lines to be abandoned in accordance with the DART requirements described on page 6-20.			

Additional Comments: