



DART Construction Guidelines Specifications Section 01560 Part 1.4B, Storm Water Pollution Prevention Plan, states that a Storm Water Pollution Prevention Plan (SW3P) should be developed for the Build Alternative. It should state that the construction contractor will be required to use best management practices to prevent storm water runoff from construction materials and equipment by covering such materials and equipment with awnings, roofs, or tarps; storing materials on asphalt or concrete pads; surrounding material stockpiling areas with diversion dikes or curbs; and using secondary containment measures such as dikes or beams around fueling areas. The contractor should also be required to mulch and reseed disturbed areas to prevent air and water erosion on the site after termination of construction operations.

**Coordination with Other Scheduled Construction Projects**

The construction of the proposed project would be coordinated with Dallas County, the City of Dallas, the City of Irving, Texas Department of Transportation (TxDOT), North Texas Tollway Authority (NTTA), and DFW Airport. **Table 5-16** summarizes on-going projects that would influence the design and construction of the light rail project. During Preliminary Engineering, DART has communicated with these entities in order to minimize construction-related impacts to residents, property owners and corridor users.

<b>TABLE 5-16 CONSTRUCTION COORDINATION</b>		
<b>Related Project or Study</b>	<b>Area of Impact</b>	<b>Issue</b>
IH 35E widening	SH 183 to IH 635	Timing and coordination of DART design and construction with ultimate freeway cross-section.
SH 114 improvements	SH 183 to Tarrant County line	Timing and coordination of DART design and construction with ultimate freeway cross-section.
Teleport Avenue	Irving – future South Las Colinas Station	Requires street relocation due to conflicts with proposed DART LRT improvements
Station Vicinity street improvements	Irving	Streets must be designed around DART infrastructure
Northwest Highway (Spur 348) improvements (TxDOT)	O'Connor Boulevard to SH 114	Streets must be designed around DART infrastructure
Las Colinas Boulevard extension	O'Connor Boulevard to Northwest Highway (Spur 348)	Final designs must be coordinated
SH 114 improvements	SH 183 to IH 635	Coordinate design and construction activities
Brangus Drive extension	MacArthur Boulevard to Walnut Hill Lane	Coordination with City of Irving for construction timing and future street.

Source: Chiang, Patel and Yerby; March 2006

**5.12.2 Construction Noise Impacts**

Construction of the tracks, stations, substations, maintenance facility and the associated parking facilities would result in the generation of noise from construction equipment. Construction noise varies greatly depending on the construction process, type and condition of equipment used and the layout of the construction site. Many of these factors are traditionally left to the contractor's discretion, which makes it difficult to accurately estimate levels of construction noise.

**Table 5-17** summarizes available data on noise emissions of construction equipment that may be used for this project. Impacts from construction noise depend on the sensitivity of the noise receptor, the magnitude of noise during each construction phase, the duration of the noise, the time of day the noise occurs and the distance from the construction activities.