

Utility Conflict Resolution Alternatives

Cost Estimate Analysis

Project Owner: Sample DOT

Project No. : 445-56-4789

Project Description: Widening of IH-10 from Loop 410 to Loop 1604

Highway or Route: IH-10

Utility Conflict: 1

Utility Owner: AT&T

Utility Type: Telephone

Size and/or Material: Fiber Optic

Project Phase: 60% Design

Cost Estimate Analysis Developed/Revised By Tom Designer

Date 1/15/2011

Reviewed By Tom Designer

Date 4/15/2011

Alternative Number	Alternative Description	Alternative Advantage	Alternative Disadvantage	Responsible Party	Engineering Cost (Utility)	Direct Cost (Utility)	Engineering Cost (DOT)	Direct Cost (DOT)	Total Cost	Feasibility	Decision
0	Relocation before construction.	No design change required, no additional cost to DOT.	Cost to utility for relocation.	Utility	\$ 10,375.00	\$ 63,875.00	\$ -	\$ -	\$ 74,250.00	Yes	Selected
1	Protect in-place.	Utility can remain in place.	Access to utility for maintenance problematic.	Utility	\$ 7,875.00	\$ 32,375.00	\$ -	\$ -	\$ 40,250.00	No	Rejected
2	Change highway design.	Utility can remain in place.	High cost and project delay.	DOT	\$ -	\$ -	\$ 95,375.00	\$ -	\$ 95,375.00	Yes	Rejected
3	Exception to policy.	No cost to utility or DOT.	High risk of damage to utility and maintenance problems.	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	No	Rejected

