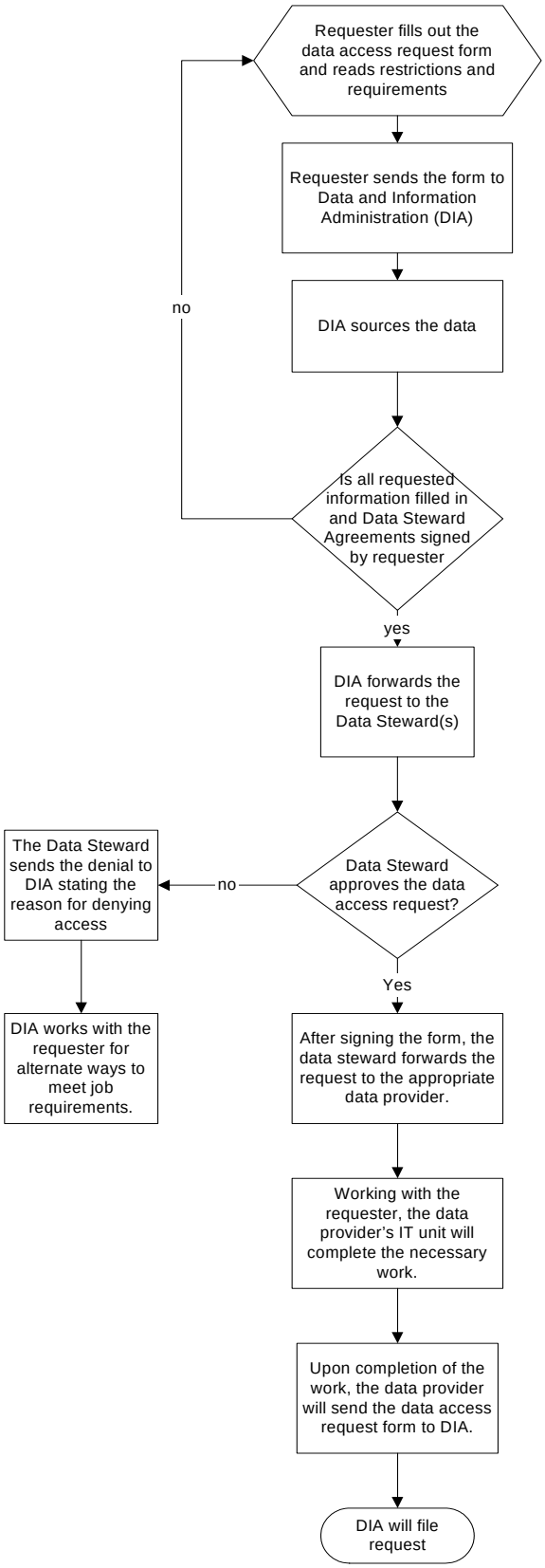Data Access Process Flow