

VTrans Project Development **Process**

House Transportation Committee Presentation
January 19, 2017

Presented by: Ken Robie, Project Delivery Bureau Director

Collaborative Process

- **Various VTrans Divisions & Bureaus**
- **Regulatory Agencies**
- **Regional Planning Commissions**
- **Selectboards/Municipal Officials**
- **Local Community Groups**
- **Property Owners**
- **General Public**
- **Federal Highway Administration (FHWA)**

Project Development Process

- **Project Selection**
- **Project Definition (Scoping)**
- **Project Design**
- **Construction**

Project Selection

- **Asset Management**
- **Preventative Maintenance**
- **Prioritization**
- **Safety**
- **Legislative Action**

Project Definition – Purpose & Need

Local Concerns Meeting - Held to gather comments from the public, introduce the project area and initiate a working relationship.

Purpose & Need Statement - This document sets the framework for the project. It clearly states the concerns within the project area and the goal for any improvements.

Project Definition – Scoping

Alternatives Evaluation - Alternatives that meet the purpose and need of the project are identified and evaluated by engineering criteria, community impact, property owner and environmental resource impacts, and cost.

Alternative Presentation Meeting - Presentation and acceptance of a preferred alternative.

Scoping Report - Comprehensive document of purpose and need, alternatives analysis and recommendation of alternative.

Project Definition – Conceptual Design

Conceptual Design - Establishes the footprint of the project and identifies any potential impact on environmental or cultural resources.

502 Hearing – All projects requiring ROW acquisition will hold a public meeting to present the project and solicit comments on the Conceptual Design.

NEPA – National Environmental Protection Act. Documents that the owner has appropriately considered all social and environmental impacts of a project.

Project Design – Preliminary Plans

- **Hydrology/Hydraulic Design**
- **Roadside/Safety Design**
- **Structural Design**
- **Subsurface Investigation**
- **Intersection Design**
- **Property Owner Visits**
- **Utility Relocations**
- **Traffic Control/Traffic Management**
- **Identification of specific environmental impacts**

Project Design – Environmental Clearance

Federal Permits:

Section 106

Section 4(f)/6(f)

404 Permit

State Permits:

Wetlands

Historic Sites

Fish & Wildlife Habitat

Archaeological Sites

T&E Species

Noise & Air Quality

Stream Alteration

Stormwater

Agricultural Lands

Erosion Control

Act 250

Project Design – Right of Way

- Prepare ROW plans
- Appraisals and/or Valuations
- Necessity Hearing
- Negotiations
- Condemnation
- Compensation

Project Design – Final Plans

- Structural Details
- Traffic Signal/Timing Design
- Landscape details
- Revisit Environmental Permit conditions
- Traffic Control/Traffic Management Plans
- Specifications/Special Provisions
- Cost Estimate
- Bidding Documents

Construction

- **Advertisement**
- **Bid Opening**
- **Bid Analysis**
- **Contract Award**
- **Pre-Construction Documents**
- **Construction**
- **Finals Process**

Public Involvement

- Local Concerns Meeting
- Alternatives Presentation Meeting
- 502 Hearing
- Property Owner Visits
- Act 250 Hearings
- Informational Meetings
- Necessity Hearing
- Compensation Hearing
- Local Board Meetings
- Construction updates – meetings, social media, etc.