

## Outer Loop Summary



- **Length: 52.8 miles**
- **Lanes: 6 (plus 2-lane service roads)**
- **Corridor Study: 2000-2006**
- **Construction Time Span: 2011-2030**
- **Total Cost: \$3.984 Billion (in FY2008 dollars)**

## Phases of Outer Loop Project

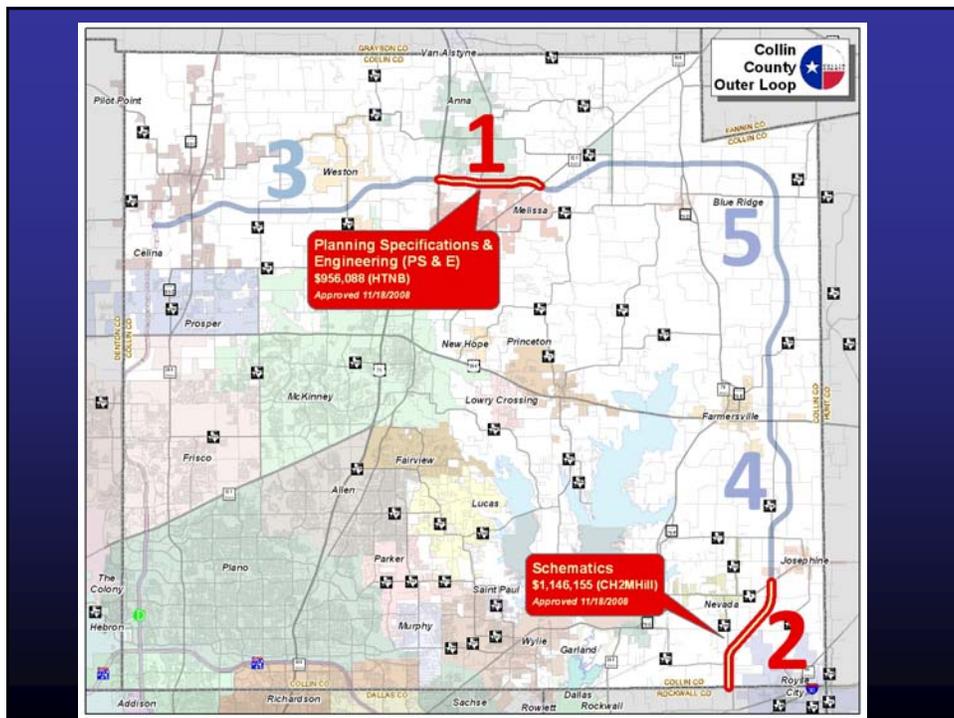
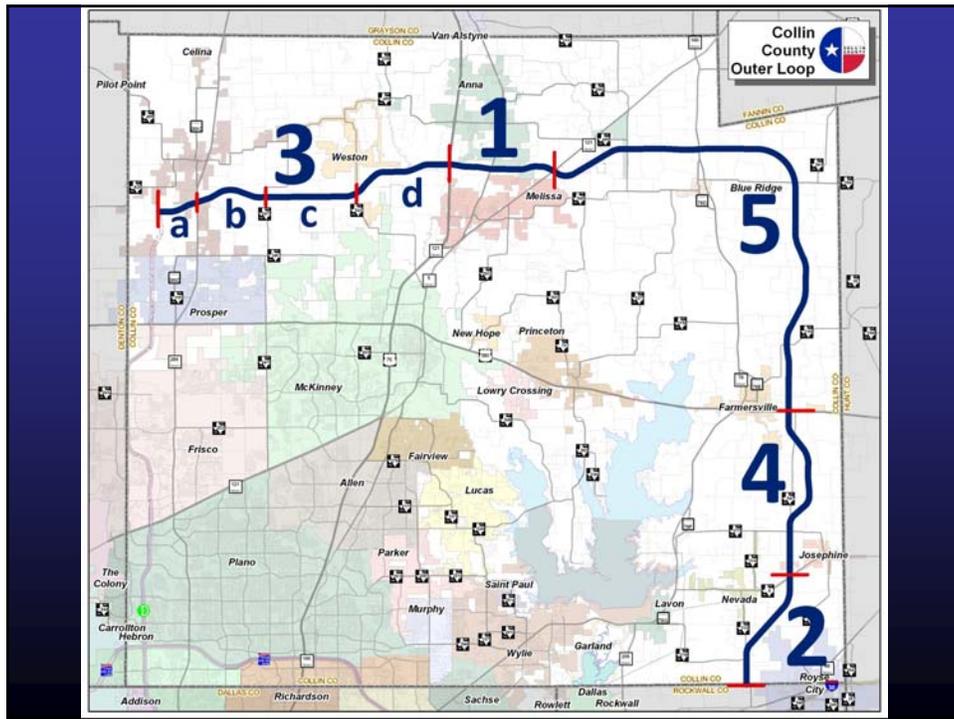


- 1<sup>st</sup>: **Corridor**. A 3,000-foot-wide swath of land which a technically preferred alignment will best fit.  
Conducted from 2000 to 2006
- 2<sup>nd</sup>: **Technically Preferred Alignment**. A 500-foot-wide route within the Corridor that minimizes the impact on the surrounding community, such as Churches, neighborhoods, cemeteries, historical and archeological sites, etc. Intense Public input on this phase.
- 3<sup>rd</sup>: **Schematic**, or preliminary engineering. A precise, detailed refinement of the Technically Preferred Alignment to take in factors such as right-of-way, topography, hydrology, utility conflicts, drainage and road profiles (elevations).
  - Has a limited “Shelf Life” or time span in which alignment remains viable without having to re-work:
    - Fast-growing areas: 2-5 years
    - Slow-growing areas: 5-10 years

## Outer Loop Phases (cont.)



- 4<sup>th</sup> : **Plans & Specifications (PS&E)**. The specific design of the roadway and how it's to be built and fit within the Technically Preferred Alignment-Final Plans to construct.
- 5<sup>th</sup> : **Right-of-Way (ROW)**. The acquisition of the legal right-of-way to allow for construction to begin.
  - Donations
  - Purchase
  - Eminent Domain
- 6<sup>th</sup>: **Construction**.



## Current Contracts



- **Segment 1 (4.2 miles)**

**\$956,088**

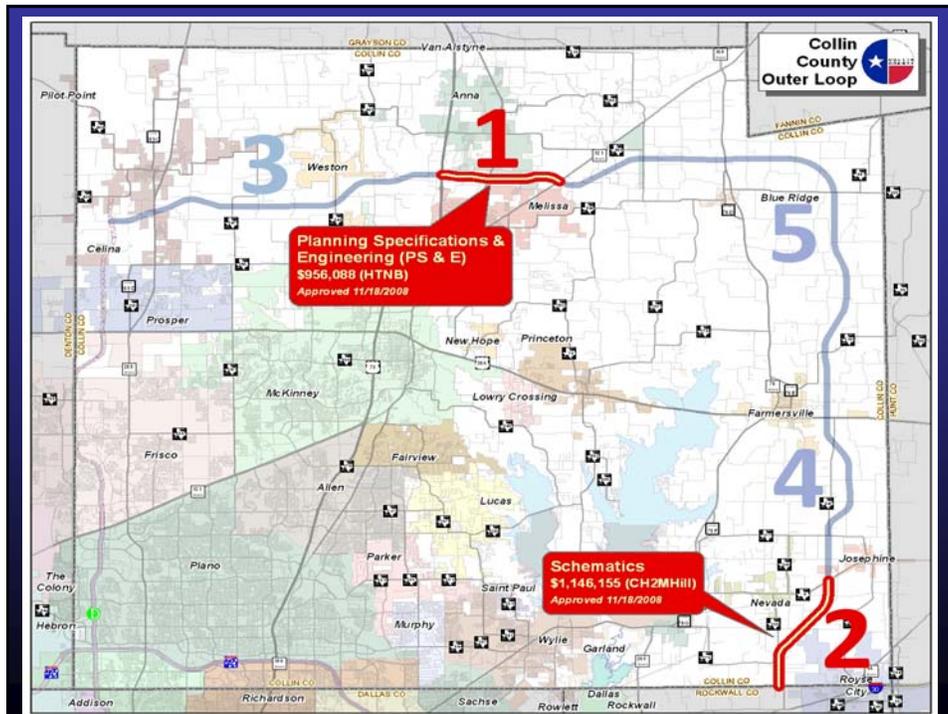
(US 75 to SH 121)  
Approved 11/18/08  
Vendor: HNTB  
Stage: PS&E  
R-O-W Acquisition

**\$10,000,000**

- **Segment 2 (6.5 miles)**

**\$1,146,155**

(Rockwall Co. line to FM 6)  
Approved 11/18/08  
Vendor: CH2MHill  
Stage: Schematics



## Proposed Engineering



### Estimated Engineering (Schematics) costs for...

• **Segment 3:** DNT to US 75 (13.8 mi) **\$3.1 Million**

- 3a: DNT to SH 289 – 2 mi.
- 3b: SH 289 to FM 2478 – 3 mi.
- 3c: FM 2478 to FM 543 – 4.1 mi.
- 3d: FM 543 to US 75 – 4.7 mi.

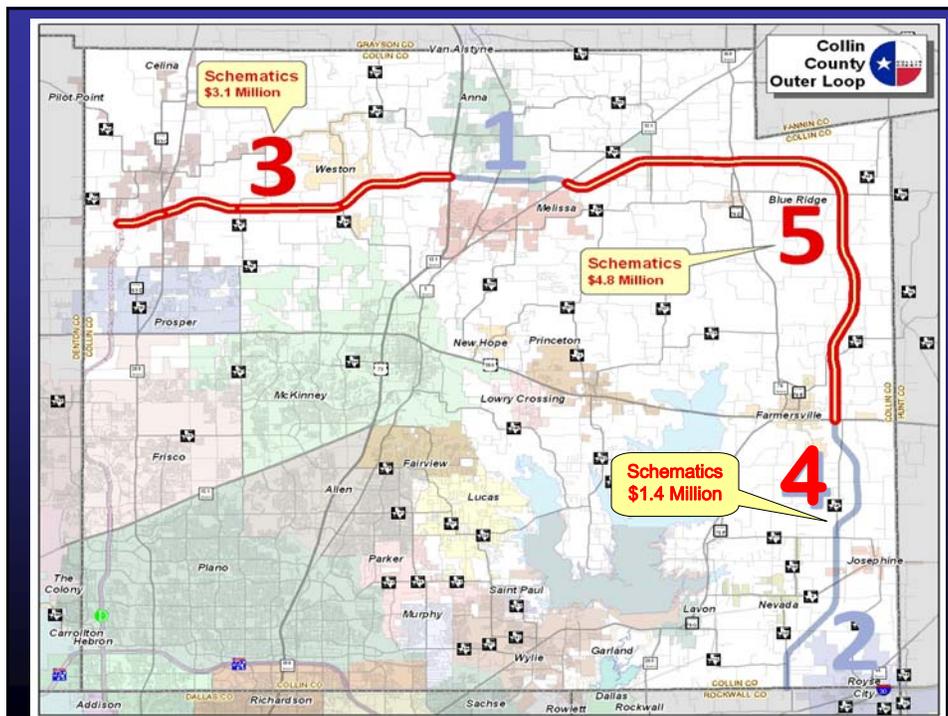
• **Segment 4:** FM 6 to US 380 (7.3 mi.) **\$1.4 Million**

• **Segment 5:** SH 121 to US 380 (21 mi.) **\$4.8 Million**

---

**Total (Segments 3-5):**

**\$9.3 Million**





### Current Funding Available

#### From General Fund

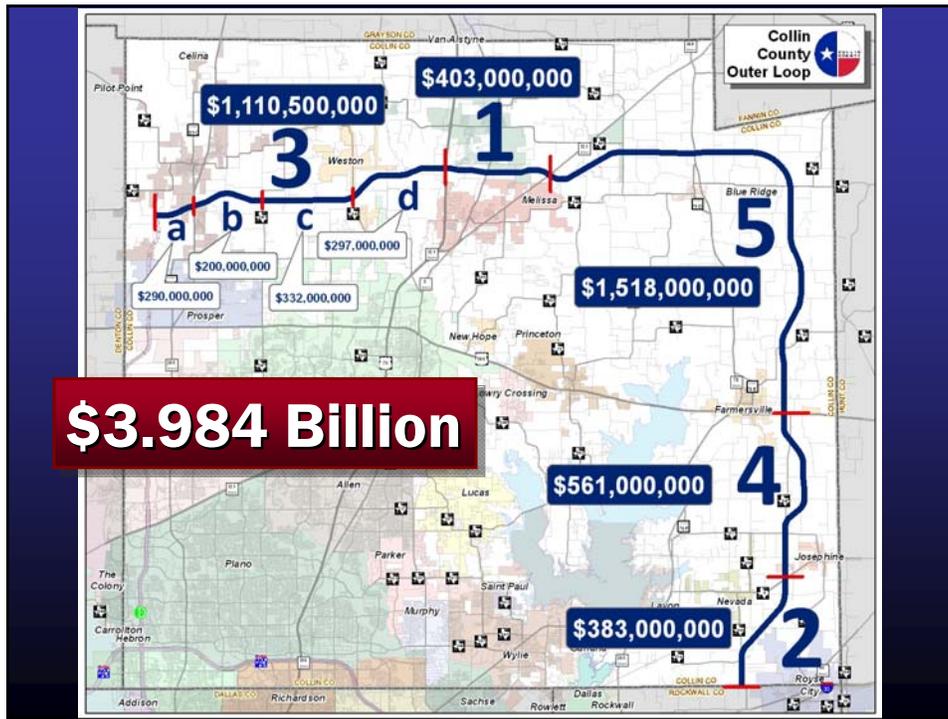
• 2007:	\$6,000,000
• 2008:	\$10,000,000
• Less Current Contracts:	<b>(\$2,102,243)</b>
• US 75-SH 121 R-O-W Phase:	<b>(\$10,000,000)</b>
<hr/>	
<b>Remaining General Revenue Funds</b>	<b>\$3,897,757</b>



### Future Funding Sources

<u>General Revenue Funds:</u>	\$3,897,757
• <u>Collin Co. Bond Money</u>	
Seg. 1 construction: \$5,025,000	\$9,887,000
Seg. 3a Construction: \$4,862,000	
• <u>RTR (SH121) Money</u>	
Design:	<b>*\$5,000,000</b>
75/121 Construction:	<b>\$12,000,000</b>

\* For environmental study only.





### Completion Schedule

Segment	Earliest Possible Completion	2-Lane Road Cost Estimate	Total Est. Cost
1	2012	\$ 18 M	\$ 403 M
2	2018	\$ 30.54 M	\$ 383 M
3			
3a.	2016	\$ 11.9 M	\$ 290 M
3b.	2018	\$ 16.8 M	\$ 200 M
3c.	2021	\$ 25.8 M	\$ 332 M
3d.	2025	\$ 30.24 M	\$ 297 M
4	2021	\$ 40.2 M	\$ 561 M
5	2030	\$ 123 M	\$ 1.518 B
<b>Total</b>		<b>\$ 296.48 M</b>	<b>\$ 3.984 B</b>

Cost estimates are in 2008 Dollars.



### Completion Schedule (cont.)

