

EXECUTIVE SUMMARY

2012

Corbin Small Urban Area Study



Laurel, Knox and Whitley Counties
Prepared by:
Kentucky Transportation Cabinet
Central Office and District-11
Division of Planning



Project Description

The map displays the Project Study Area, which is a large black circle centered on the Knoxville, TN area. The study area encompasses parts of Sevier, Blount, and Knox counties. Major roads shown include Interstate 75 (I-75), US Highway 25, and various state and local roads. The map also shows the locations of Laurel, Whitley, and Knoxville. A legend in the bottom right corner identifies the symbols used for County Boundary Lines, Interstate, Parkway, US Highway, State Road, Local Road, Study Area, County Boundary Polygons, Major Rivers, and Corporate Boundary Polygons. A scale bar at the bottom indicates distances in feet (0 to 5,000). A north arrow is located in the top right corner.

Figure ES-1: Project Study Area

Meetings were also held with local officials and stakeholders from the tri-county area of Knox, Laurel and Whitley Counties to obtain additional information on issues of local concern. Once the areas of concern were identified, long-term, short-term and local recommendations were made and prioritized. Many of these short-term recommendations are low cost projects that would have an immediate, positive impact for the traveling public in Corbin, Kentucky.

Project Recommendations

As a result of this process, a number of transportation-related issues were identified within the study area. The process of turning these concerns into potential projects first required the project team to review the issues and develop possible recommendations that would best address these concerns. These recommendations were then separated into one of three categories: long-term, short-term and local recommendations. These projects were placed into one of these categories based upon the scope of the recommendations and party responsible. These potential projects were then prioritized by the Advisory Committee and ultimately the Project Team with consideration of the Advisory Committee prioritization.

The long-term projects are listed in **Table ES-1**. These are potential state and federal roadway projects of the scale that would likely need to be funded in the State Highway Plan in order to be addressed. A detailed description of each potential project with location map and associated photographs is provided on individual project sheets within the report from page 38 to page 51. Consideration will be given to including some of these potential projects on the Unscheduled Needs List (UNL).

The short-term projects are also potential state and federal roadway projects but are the type that can be executed fairly quickly by the KYTC District Office if needed and if funding is available. Some of these improvements have already been implemented through Highway Safety Improvement Projects (HSIP) by the District as of the writing of this report. These projects are listed in **Table ES-2**. A one page description of each project with photographs and mapping are provided on individual project sheets within the report beginning on page 52 through page 65.

The local projects are potential city and county roadway projects that were identified by the locals at their request to aid local governments. These potential projects would be the sole responsibility of the city of Corbin or North Corbin, and/or Whitley, Laurel or Knox County governments to implement. A private developer may also take on this responsibility at the discretion of city and/or county entities. These projects are listed in the following **Table ES-3**. A one page description of each potential city/county project with photographs and mapping is provided on individual projects sheets within the report from page 66 to page 69.

All potential projects are presented graphically in **Figure ES-2**.

CORBIN SUA-PRIORITIZING PROPOSED PROJECTS					
KYTC LONG TERM PROJECTS					
Ranking	Identification No. (ID) (Not Ranking)	Project Description	Length (Miles)	Type	Total Cost
1	4LT	US 25W & KY 26 Intersection & Roadway Improvements between MP 31.223 & 32.525	1.300	Traffic Study with Model/ Reconstruction	\$ 8,215,000
2	1LT	US 25W Improvements at I-75 between MP 29.200 and MP 29.610	0.410	Reconstruction	\$ 1,300,000
3	2LT	US 25W Improvements from MP 29.683 to 30.600 Including Bacon Creek & Hospital Intersections	0.808	Traffic Study with Model/ Access Management	\$ 120,000
4	13LT	US 25 & US 25 E Intersection Improvements	0.100	Traffic Study with Model/ Reconstruction	\$18,830,000
5	5LT	KY 727 & KY 3421 & Black Diamond Intersection Improvements	0.250	Reconstruction	\$ 625,000
6	3LT	US 25W and Local road (7th Street/Meadow Lane) Intersection Improvements	0.500	Reconstruction	\$ 590,000
7	8LT	KY 3431 Improvements MP 0.000 to MP 0.650 including US 25W Intersection	0.650	Reconstruction	\$ 2,500,000
8	6LT	KY 727 Improvements from MP 1.439 to MP 4.580	3.141	Reconstruction/ Maintenance	\$ 625,000
9	10LT	US 25 Improvements from MP 0.000 to MP 1.210 including KY 2392 Intersection	1.210	Reconstruction	\$ 6,231,000
10	11LT	KY 1629 from MP 0.196 to MP 1.162 including N. Commonwealth Ave. Intersection	0.932	Reconstruction	\$ 450,000
11	9LT	KY 3431 Improvements from MP 0.650 to MP 1.300	0.650	Access Management/ Reconstruction	\$ 725,000
12	7LT	KY 312 Improvements in Whitley County between MP 1.600 & MP 2.542	0.842	Drainage Study/ Reconstruction	\$ 3,000,000
13	12LT	KY 312 Improvements in Knox County between MP 1.097 & MP 1.313	0.216	Reconstruction	\$ 1,250,000

Table ES-1: KYTC Long-Term Projects

CORBIN SUA-PRIORITIZING PROPOSED PROJECTS					
KYTC SHORT TERM PROJECTS					
Ranking	Identification No. (ID) (Not Ranking)	Project Description	Length (Miles)	Type	Total Cost
1	4S	US 25W and KY 26 Intersection Improvements- Signal Timing Review	N/A	Engineering Support	\$ 10,000
2	1S	US 25W Improvements from MP 29.792 to 30.6 Including Bacon Creek & Hospital Intersections	0.808	Engineering Support/ Signal Warrant Analysis	\$ 60,000
3	5S	US 25W Improvements along Main St. from MP 32.525 to MP 33.278	0.753	Reconstruction/ Maintenance	\$ 55,000
4	2S	KY 1259 Improvements in Whitley County from MP 0.000 to MP 1.315	1.315	Maintenance	\$ 700,000
5	3S	US 25W and Local road (7th Street/Meadow Lane) Intersection Improvements	0.100	Reconstruction/ Maintenance	\$ 565,000
6	6S	US 25W & KY 312 Intersection Improvements	0.100	Engineering Support/ Maintenance	\$ 100,000
7	8S	KY 3431 and US 25W Intersection Improvement	0.250	Access Management/ Reconstruction	\$ 600,000
8	9S	US 25E at KY 3431 Intersection Improvements	N/A	Reconstruction/ Engineering Support	\$ 725,000
9	7S	KY 830/Beatty Ave. & Engineering St. Intersection Improvements	N/A	Engineering Support	\$ 10,000
10	12S	US 25E Improvements in Knox County between MP 25.100 to MP 26.197 - Add Turn Lanes	1.097	Access Management	\$ 10,000
	10S	US 25E and KY 1629 Intersection Improvements	N/A HSIP Funded PROJECT	Engineering Support	N/A HSIP Funded PROJECT
	11S	KY 1629 and Commonwealth RD Intersection Improvements	N/A HSIP Funded PROJECT	Engineering Support	N/A HSIP Funded PROJECT

HSIP – Highway Safety Improvement Program

Table ES-2: KYTC Short-Term Projects

CORBIN SUA-PRIORITIZING PROPOSED PROJECTS					
LOCAL PROJECTS					
Ranking	Identification No. (ID) (Not Ranking)	Project Description	Length (Miles)	Type	Total Cost
1	2L	Corbin Center Drive Improvements	0.4	Reconstruction	\$ 450,000
2	1L	Black Diamond Road Improvements		Stripping	\$ 5,000.00

Table ES-3: Local Projects

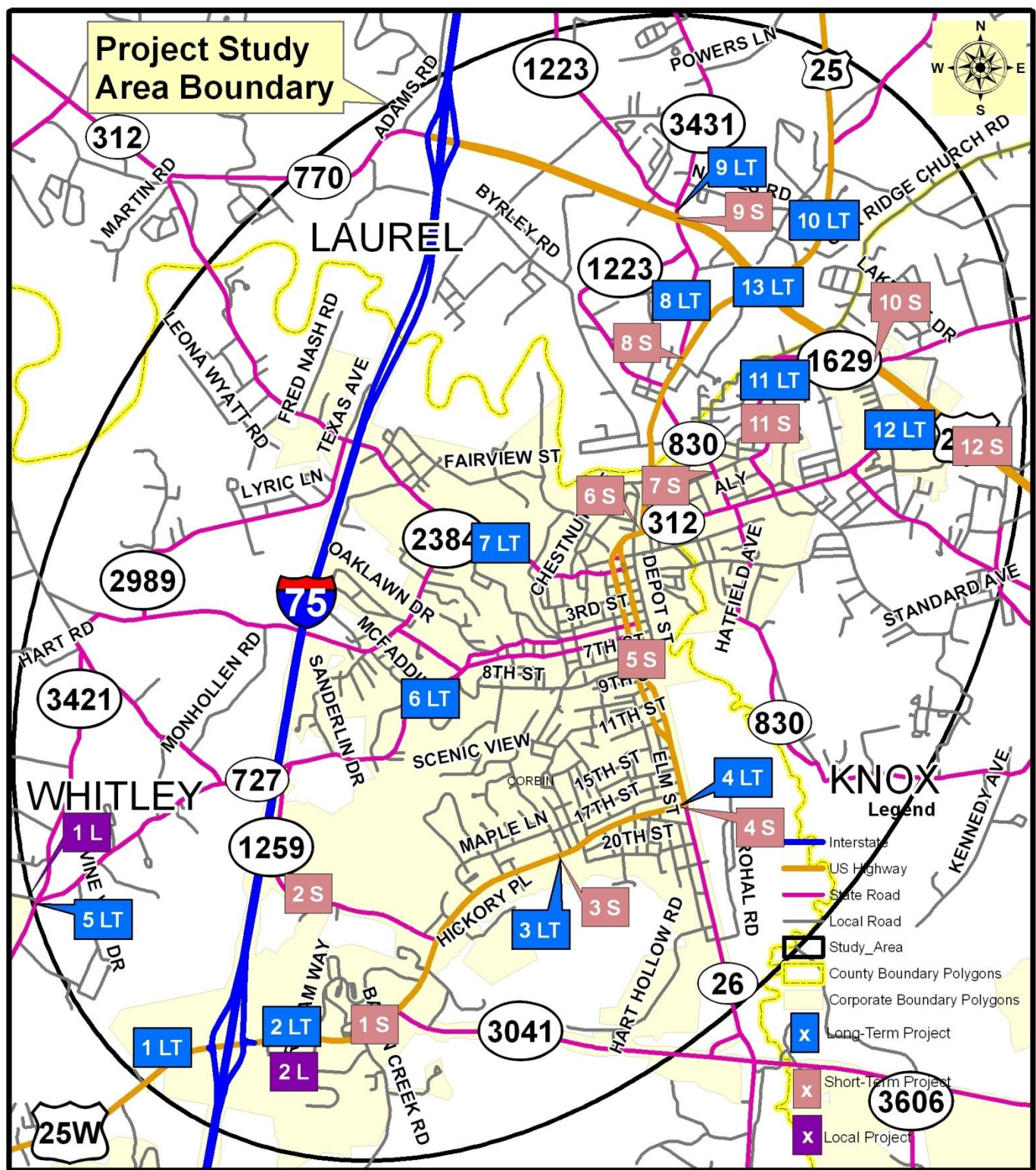


Figure ES-2: Potential Project Location Map