

Project Advisory Committee Meeting #3

April 19, 2012





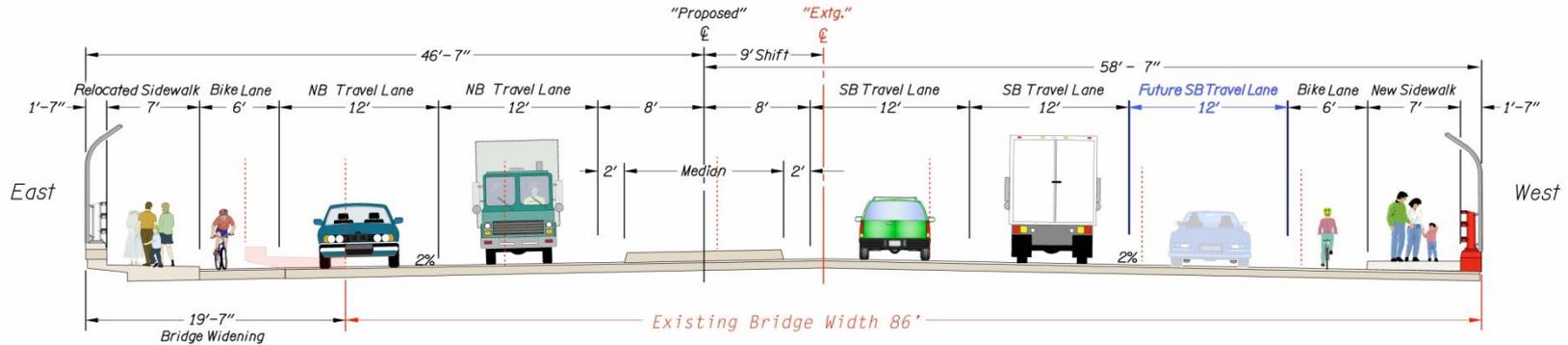
JTA Project





JTA Project

U.S. 26: Brookwood / Helvetia Overcrossing Looking South



PRELIMINARY COPY
01-05-12
INFORMATION ONLY

"Extg." Existing: Sidewalk, Center Line (CL), and Lane Locations



U.S. 26: BROOKWOOD / HELVETIA INTERCHANGE PROJECT

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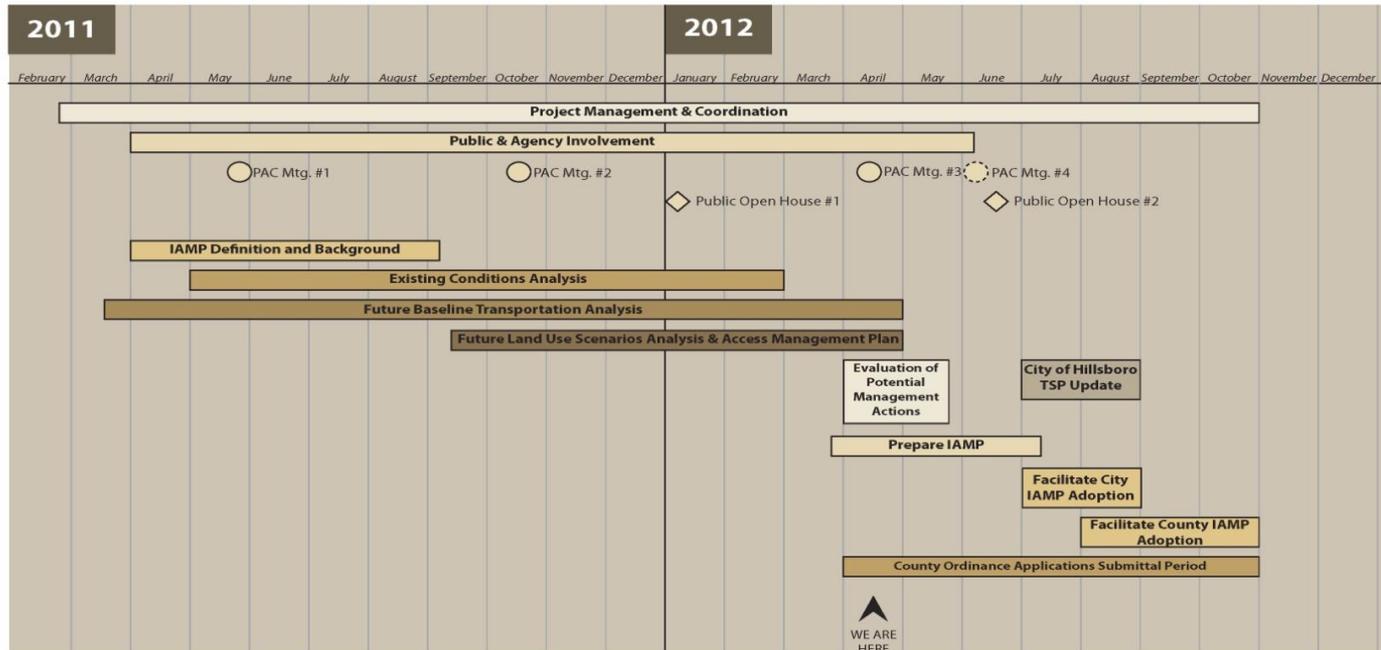
IAMP Schedule

US 26: Brookwood Parkway/Helvetia Road Interchange

DRAFT

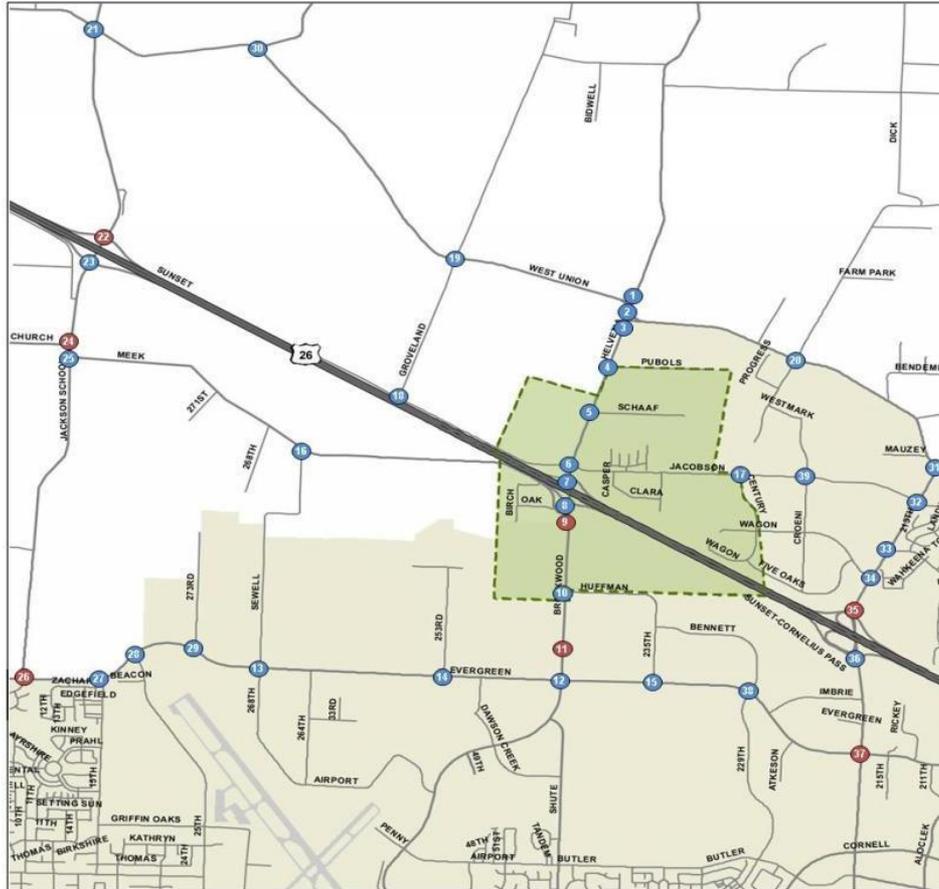
IAMP Schedule

3/21/12





Existing Operations



● Fails to meet operational standards in either the AM and/or PM Peak Hour





Existing Traffic Conditions

- Traffic operations evaluated:
 - 39 key PM peak hour intersections
 - 15 key AM peak hour intersections
- Freeway operations were evaluated:
 - US 26 between Jackson School Road and Cornelius Pass Road.
- Findings:
 - US 26 meets ODOT operational standards in the Study area
 - 7 intersections exceed standards for ODOT, City of Hillsboro and/or Washington County.
 - Low incidence of traffic crashes on US 26 in the study area





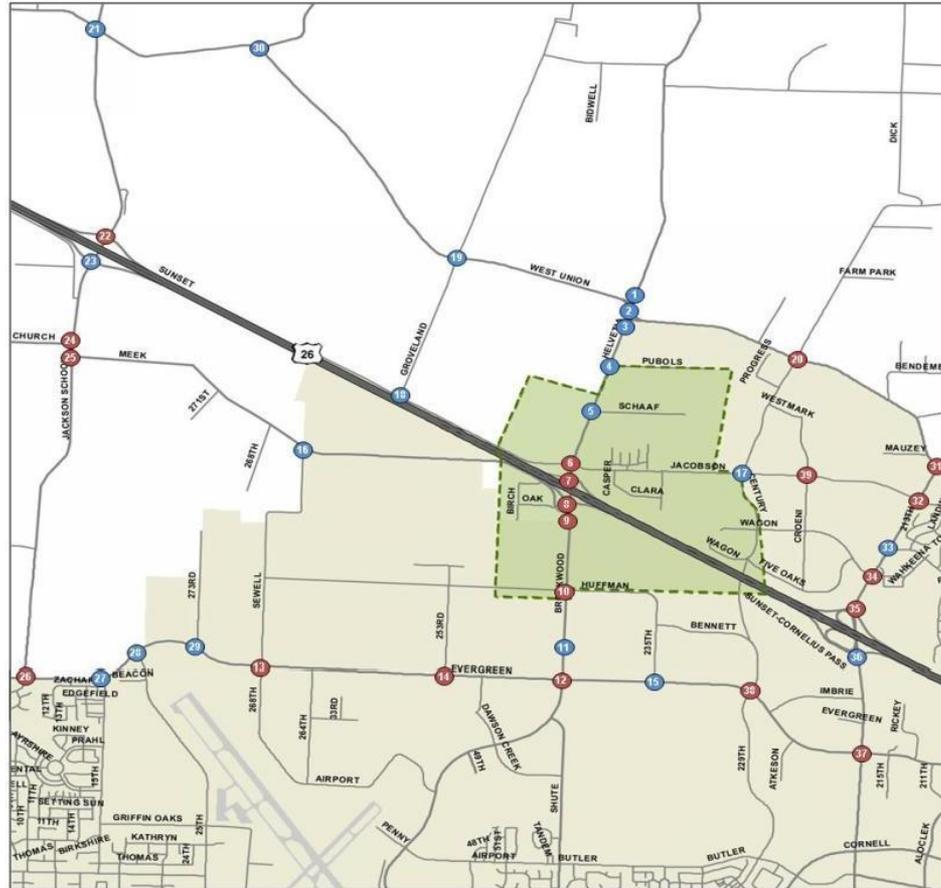
2035 Land Use

- IAMP evaluating build out of current UGB
- Evaluation includes recent UGB additions (1,985 acres)
 - North Hillsboro (330 acres)
 - South Hillsboro (1,063 acres)
 - South Cooper Mountain (543 acres)
 - West Bull Mountain (49 acres)
- Household land employment levels in Washington Co. allocated using guidance from local agencies





2035 Baseline Operations



① Fails to meet operational standards in either the AM and/or PM Peak Hour





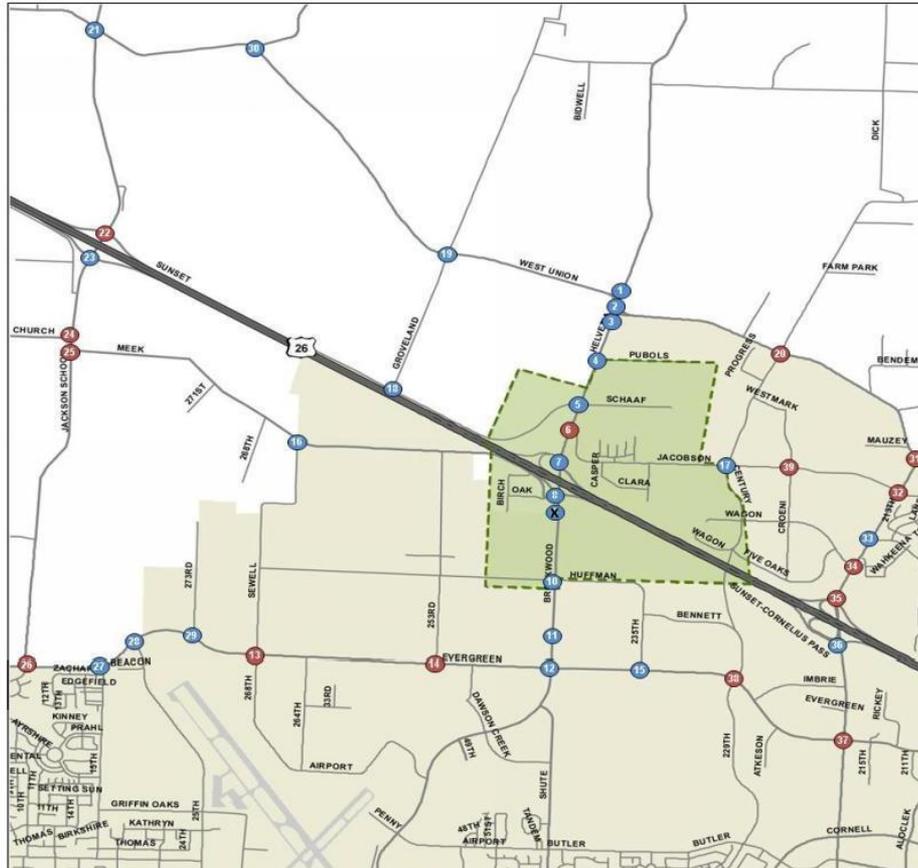
2035 Baseline Traffic Conditions

- Vehicular Growth Rate from 2011 to 2035
 - 50% increase for AM peak and approximately 45% for the PM peak
- 2035 Baseline conditions are worse than Existing conditions.
- The following will exceed operational standards:
 - 20 intersections (peak hours)
 - US 26 WB diverge to Brookwood Pkwy/Helvetia Rd (PM peak)
 - Brookwood Pkwy/Meek Rd intersection (peak hours)
 - All three study area interchanges have at least one intersection ramp terminal exceeding standards (peak hours)
 - All the signalized intersections on Brookwood Parkway/Helvetia Road between Evergreen Rd and Jacobson Rd (peak hours)





2035 Build Operations



- ② Fails to meet operational standards in either the AM and/or PM Peak Hour
- ⓧ Intersections closed





2035 Build Traffic Conditions

- Build conditions vs. Baseline conditions:
 - 15 intersections fail to meet standards vs. 20 intersections
 - Brookwood Interchange ramp terminals no longer affect US 26 operations
 - US 26 operations meet OHP standards.





Proposed IAMP Projects

	Map #	Project Name	Project Location	Project Description
Tier 1 Projects	1	NW 253rd Avenue	NW Evergreen Road to NW Meek Road	Build 3 lanes with bike lanes and sidewalks
	2	NW Groveland Drive Realignment	NW Helvetia Road to NW Groveland Drive	Construct 2-lane rural connector
	3	NW Brookwood Parkway	NW Huffman Street to US 26 eastbound ramp terminal	Widen to 3-lanes northbound and 3 lanes southbound and construct with bike lanes and sidewalks
Tier 2 Projects	4	NW Huffman Street	NW Brookwood Parkway to NW 253rd Avenue	Build 3/5-lanes with bike lanes and sidewalks
	5	NW Brookwood Parkway	NW Evergreen Parkway to NW Huffman Street	Widen to 3-lanes northbound and 3-lanes southbound and construct with bike lanes and sidewalks
	6	NW 231st/NW Century Boulevard	NW Bennett to NW West Union	Construct 2/3-lanes US 26 Overpass, connect existing segments
Tier 3 Projects	7	NW Huffman Street	NW 253rd Avenue to NW Sewell Road	Build 3-lanes with bike lanes and sidewalks
	8	NW 264th Ave	NW Evergreen Road to NW Meek Road	Build 3-lanes with bike lanes and sidewalks
	9	NW Jacobson Road	NW Jacobson Road at NW Helvetia Road	Widen and add bike and pedestrian facilities
	10	NW Century Boulevard	NW Jacobson Road and NW Century Boulevard	Construct 3-lane roadway with bike lanes and sidewalk
	11	NW Jacobson Road to NW Schaaf Road	NW Jacobson Road to NW Schaaf Road	Construct 3-lane roadway with bike lanes and sidewalks
	12	NW Schaaf Road	NW Helvetia Road to NW Century Road	Construct 3-lane roadway with bike lanes and sidewalks
	13	NW Helvetia Road	US 26 westbound ramp terminal to NW Schaaf Road	Construct 3/5-lane roadway with bike lanes and sidewalks
	14	NW Helvetia Road	NW Schaaf Road to NW West Union Road	Construct 3-lane roadway with bike lanes and sidewalks
	15	NW West Union Road	NW Helvetia Road to NW Cornelius Pass Road	Construct 3-lane roadway with bike lanes and sidewalks

