



Main Street Study

MD 140

**FRANKLIN BOULEVARD TO I-795
BALTIMORE COUNTY**

Existing Conditions



- **North – South direction**
- **Franklin Boulevard - two-way, four-lane, undivided, roadway that reduces to two-lanes (Chartley Drive)**
- **Urban- Other, Principal Arterial**
- **ADT of 18,642 vehicles**
- **MD 140 of has a posted speed limit of 40 MPH , decreases to 30 MPH at Chartley Drive.**
- **Center-turn Lanes along Corridor**
- **Left-turn Lanes at Signalized intersections**

Existing Conditions – Cont'd



- **Eight traffic signals throughout the corridor**
- **Fairly Level Roadway**
- **Adequate Sight Distance**
- **Commercial/Residential**
- **On-Street Parking (various locations)**
- **Access Points**
 - **Businesses**
 - **Residences**

Reisterstown Road



Main Street



Pedestrian Access



- **Sidewalks located on both sides of MD 140**
- **Pedestrian crossings/ADA Compliant**
- **Pedestrian signing at intersections**
 - **Signalized/Unsignalized**
 - **Advanced Signing**
- **Overhead Lighting/Street Corner Lighting**
- **Bus Stops throughout MD 140 Corridor**

Main Street at Cockeys Mill Road



Safety Concerns – MD 140



- **Community/ Main Street Merchants Association**
 - Traffic Volumes
 - Excessive Speeds
 - Pedestrian Safety
 - On/Off Street Parking
 - Lighting

Traffic Safety Enhancements



- **Franklin Blvd – Upgrade pedestrian signals (APS), ADA, etc. (2009)**
- **Caraway Road – Signal reconstruct (2009)**
- **Chartley Road – Pedestrian improvements, ADA ramps, cross-walks (2006)**
- **Glyndon Trace/Glyndon Drive – New traffic signal, signing (2008)**
- **Chatsworth Avenue – Signal modifications (2006)**
- **Pavement Marking Upgrades along MD 140 (crosswalks/stop lines - 2009)**

Traffic Safety Enhancements – Cont'd



- **Unsignalized pedestrian crossings**
 - Bond Avenue
 - Goldsbourough Way

Main Street at Bond Ave



Roadway Improvements



State Highway Projects

- I-795/MD 30/MD 140 – 2” Mill/Overlay Project (2008)
- MD 140 – Chartley Drive to MD 30 – 3” Milled Patching Project (Fall/Winter 2010)

Traffic Engineering



- **Manual On Uniform Traffic Control Devices (MUCTD)**
 - Purpose: To Promote Highway Safety
 - Notify road users of regulations, provide warning and guidance for safe and efficient operation of all elements of the traffic stream.
 - Five Basic Requirements (Traffic Control Devices)
 - ✦ Fulfill a need
 - ✦ Command Attention
 - ✦ Convey a clear, simple, message
 - ✦ Command respect from road users
 - ✦ Give adequate time for proper response

Corridor Analysis



- **Review of Traffic Volumes**
 - Coordination of Signals
- **Morning and Evening Peak Travel Periods**
 - Adjustments to Signal Timing
- **Pedestrian Enhancements**
 - Accessible Pedestrian Signals (APS)
- **Bicycle Access**
 - Share The Road Signing
 - Wider Outside Travel Lanes

Corridor Analysis



- **Aggressive Driving**
- **Speeding**
- **Pedestrian Safety**
- **Bicycle Access**
- **Traffic Calming Measures**
 - Local Enforcement
 - Partnering Opportunities
 - Community Involvement/Feedback

Main Street Study



- **Questions?**