SD Highway 231 (West Chicago Street) Reconstruction Project P 0231(12)80 PCN 02R5

By FMG, Inc.
Richard Sudmeier, PE

Project Limits

Background Information

- Originally Constructed in 1971
  - Periodic Concrete Repairs

- Current Average Daily Traffic (ADT) – 14,326 Year 2012
- Current Truck Traffic – 6.8%
- Projected ADT – 24,956 Year 2032

Accident History 2008 to 2010

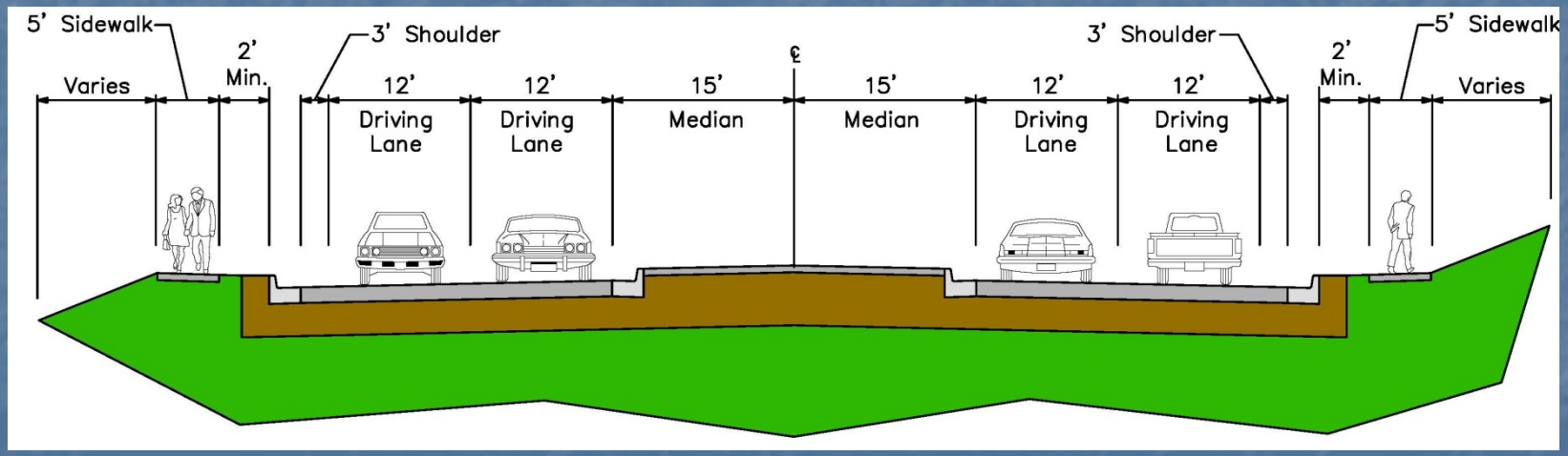
Total Accidents:	13
Fatal	0
Injuries	6
Property Damage	7

Project Purpose

- Pavement Replacement
- Improve Storm Sewer Capacity
- Improve Pedestrian Access

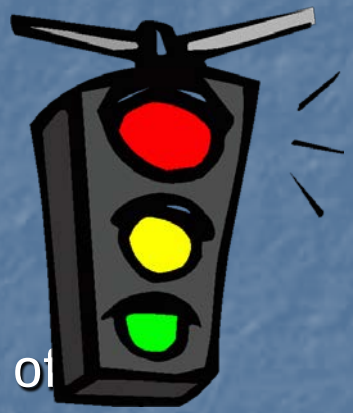
Project Scope

- 4 Lane Urban Section with Curbed Median
  - 3’ Shoulder Width to accommodate bicycle commuters
  - Center Median included left turn lanes



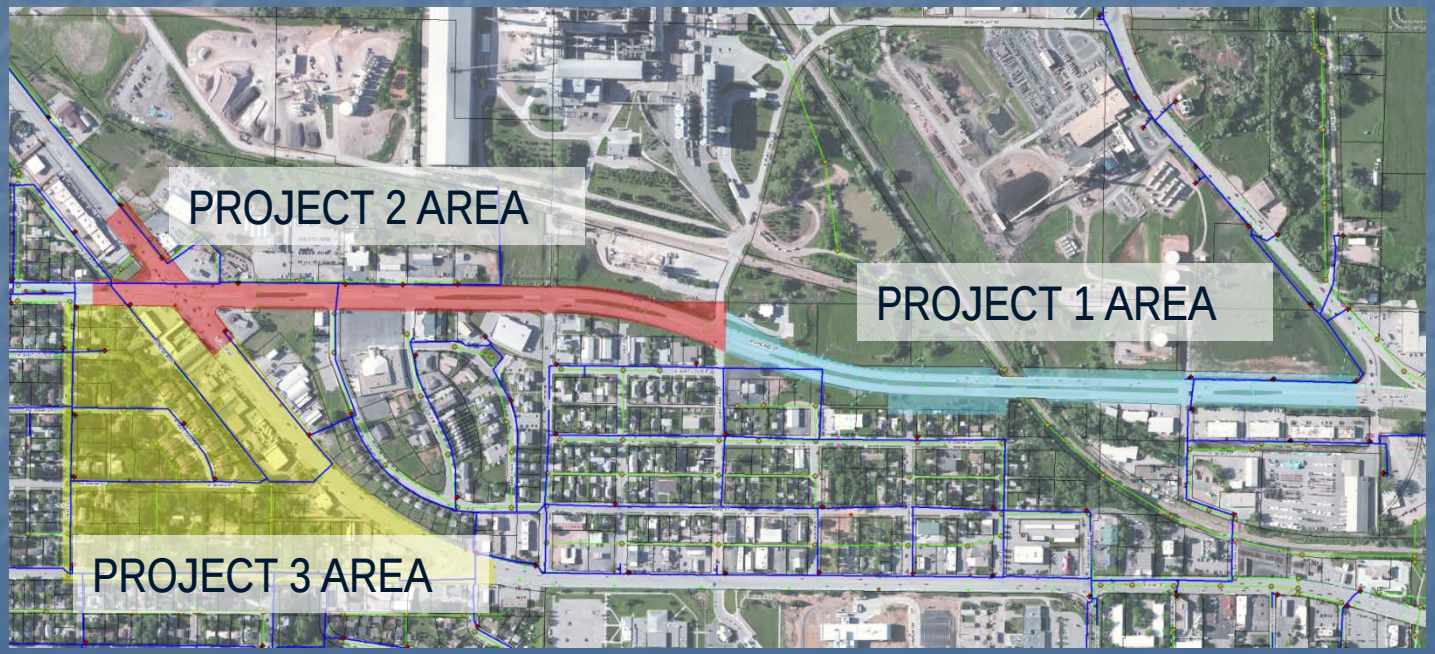
Project Scope Cont.

- Grading, Storm Sewer, Sidewalk, Roadway Lighting, Traffic Signals and PCCP Surfacing
  - Upgrade Storm Sewer
  - Provide EB Right Turn Lane at St. Onge St
  - Increase Turn Lane Deceleration and Stacking Lengths
  - Improve Pedestrian Access (ADA)
    - Sidewalk to be added entire length of South Side of Chicago.
    - Sidewalk to be added from Sturgis Rd. to 32nd St. along north side of West Chicago
    - Add Sidewalk to South Side of East Bound Lanes at Bridge
  - Access Management (moving or combining approaches)



Project Scope Cont.

- City Utility Project
  - Water Main
  - Sanitary Sewer



ROW Needs

- Permanent Easement/ROW
- Temporary Easements for Construction
- Encroachments
  - Encroachment survey to take place in near future

Construction Traffic Control

- Businesses will have accesses maintained throughout the construction process
- One half closed at a time with two-way traffic on other half.
- Weekly Meetings During Construction

Anticipated Schedule

- Landowner Meetings – March 2013
- Negotiations with Landowners – Summer/Fall 2013
- Letting – Winter 2013/2014
- Construction – 2014
  - One construction season anticipated

Questions or Comments

Please Submit Questions or Comments to:

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Public Meeting Information
http://www.sddot.com/dot/publicmeetings/default.aspx