Steam and Road Reconstruction – West Circle Steam Loop 2012 (CP11159) and Steam Distribution – Vault 110 (Eustace Hall) to Mason-Abott Hall (CP11160) Planning Team Meeting

October 20, 2011

Presenters:
- M. Scott Gardner, MSU Physical Plant (EAS)
- John LeFevre, MSU Physical Plant (EAS)
- Jeff Schumaker, FTC&H

Engineering & Architectural Services
PHYSICAL PLANT DIVISION
MICHIGAN STATE UNIVERSITY
MSU Steam Distribution – Age and Type of System
MSU Steam Distribution – North Campus Arch Tunnel Problems

**Arch Tunnels**

- **Vault 92 to Vault 93** *(fig. 1.7)*
  - Small tunnel 4’ wide x 5’ tall
  - Structural failure under road
    - No means of predicting performance
  - 1’ to 2’ cover over tunnel

Crack in North wall
Crack in South Wall
Key Project Schedule Dates:
- 08/11/2011 – Construction Junction
- 08/17/2011 – CPWIG 1
- 09/09/2011 – MSU BOT Step 1 (Authorization to Plan) – Approved
- 10/20/2011 – Planning Team Meeting
- 11/10/2011 – Construction Junction
- 11/16/2011 – CPWIG 2a
- 11/17/2011 – Planning Team Meeting
- 12/15/2011 – Construction Junction
- 12/21/2011 – CPWIG 2b
- 12/22/2011 – Planning Team Meeting
- 01/27/2012 – MSU BOT Step 2 (Authorization to Proceed, CM)
- 02/2012 – Bidding and Contracts
- Late 02/2012 – Construction (inside tunnels/buildings, No Road Closings) – See Construction Phasing Diagram for Details
- 05/07/2012 – Road Construction Starts – See Construction Phasing Diagram for Details
- 08/17/2012 - Substantial Completion Site (Roads and Pathways Open)
- 12/31/2012 – Project Substantial Completion
North Campus Steam Distribution – West Circle Drive
Phasing
Steam Distribution – West Circle Steam Loop – 2012 (CP11159)
Buildings Impacted in Work Scope

SYMBOL LEGEND
- Red: Buildings directly impacted during 2012 construction
- Yellow: Minor building impact during 2012 construction
- Green: Buildings not impacted by 2012 construction
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Scheduled Planning Team Meetings:
- November 17, 2011, 1-3pm @ Kellogg Center Auditorium
- December 22, 2011, 1-3pm @ Kellogg Center Lincoln Room