One *Move Illinois* Team

- **Tremendous progress being made**
  - Have overcome MANY obstacles
  - On a roll and hitting our stride
  - Hundreds of people working on Move Illinois

- **Must keep pushing forward**
  - We are partners – our actions affect each other
  - Make every day count

- **Much more work ahead**
  - Have to succeed this year to enable future years
Over $800 million awarded
- 62 total contracts awarded
- 12 unbundled construction contracts

More than 270 total contracted firms
- 63 total firms NEW to the Tollway
- Over 90 DBE firms

As many as 350 people working on I-90 job sites each day
Nearly $115 million awarded
- 15 total contracts awarded
- Five unbundled construction contracts

More than 100 unique contracted firms
- Nearly 40 DBE firms

On average, more than 110 people working on I-294/I-57 job sites each day
Systemwide Improvements

- Awarded 41 contracts worth $171 million
- 32 unbundled construction contracts
- Creating opportunities
  - Seven new primes
  - Ten new DBE primes
  - 17 firms new to the Tollway
Significant Groundwork
- Secured permits
- Illinois General Assembly authorization

20 contracts awarded totaling nearly $215 million
- 15 professional services contracts totaling $164 million
- Five construction contracts totaling $51 million

More than 110 unique firms
- 54 unique DBE firms
KEEP PUSHING FORWARD

- Work today enables next year and beyond
  - 2014 will be biggest ever – over $1 billion
  - Deliver I-294/I-57 Phase One
  - Full speed ahead on I-90, EOWA and systemwide improvements

- Every day, and every process counts
  - Manage change efficiently
  - Close out quickly
  - Improve RFIs

- Transition to new systems and tools – e-Builder
New Web-Based Project Management System: e-Builder

WBPM Team
What Started the Process of Change?

- Had to do a new procurement – State required it
- You expressed your concerns
- Tollway listened
- Biggest concerns:
  - Not user friendly
  - Not intuitive
Why was e-Builder Selected?

- Less expensive
- Technical improvements
  - Better document control
  - Can create more flexible workflows
  - Ability to request comments from people who are not e-Builder users
  - And more INTUITIVE!
What’s to be Happy About?

- No more Catalog Cards
- No more Category Codes
- Document Management is traditional folder structure
- SPELL CHECK, Hooray!
- Meetings show up in your Outlook
- Can ask non users for comment
- You can ask reviewers for comments at any time
- Can write your own reports
- Can subscribe to your own reports
There is More to Like

- Auto Save
- Update your own contact info
- Manage your password
- Drag and Drop to upload multiple files
- Daylight savings time in not an issue
- No more collapsing or expanding the interface
- Less clutter, fields you do not use are gone
- BIC Activity summarized across projects, or by project
Personalized Dashboards

- Request For Information (RFI) turnaround gauge
- Submittal turnaround gauge
- Cost charts later
Easier Nonconformance Report Process
New Roles

- Roles more critical
- More role based automation for processes
- New roles:
  - DCM PM
  - DSE PM
  - CCM PM
  - CM PM
  - GC PM
  - Can see financial information
**You Will Learn a New Language**

<table>
<thead>
<tr>
<th>Proliance</th>
<th>E-Builder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organization</td>
<td>Account</td>
</tr>
<tr>
<td>Module</td>
<td>Process</td>
</tr>
<tr>
<td>Meeting Minutes are Approved</td>
<td>Meeting Minutes are Published</td>
</tr>
<tr>
<td>Meeting Minutes are Re-opened</td>
<td>Meeting Minutes are Unpublished</td>
</tr>
<tr>
<td>File</td>
<td>Document</td>
</tr>
<tr>
<td>Submittals, Managing Contact</td>
<td>Submittals, Submittal Coordinator</td>
</tr>
<tr>
<td>RFIs, Answer Source</td>
<td>Actor</td>
</tr>
<tr>
<td>RFIs, Question Submitted</td>
<td>CM Review</td>
</tr>
</tbody>
</table>
Learning Curve - Before

- Proliance was climbing the mountain
Learn Curving - Now

- You will have to hike uphill
- You will still have to do your work
Initial Processes – Quick Start!

- Correspondence
- Design Milestone Reviews
- Plat of Acquisition
- Meeting Minutes
- RFIs
- Issues
- Submittals
- Schedule Submittals
- Daily Activity Reports
- RE Daily Diaries
- Nonconformance Reports
- Document Management
Where Will my Project be Managed?

- Started in Proliance, end in Proliance before 12/2014
- Start in e-Builder, end in e-Builder
- Started in Proliance, transition to e-Builder
  - It will like be messy
  - We will try to transition projects in the “down time” January 2014
User Acceptance Testing

- Week of August 26
- Eight processes
- 4 days
- DSEs, CMs, GCs, Tollway
- THANKS!!!
- Favorable comments
- So what have you got?
- Will you please wait.
What is Next?

- Phase 1
  - December 2013 Go Live
  - Warranties
  - Quality Plan Submittals, etc.

- Phase 2
  - Starts early 2014 – August 2014 Go Live
  - Contract Management
  - E-Bidding
  - Cost/Budget Control

- More training eventually
THANK YOU
Program Delivery

Chris Arman
Program Delivery

- Focus on spending – submit invoices
  - $872 M goal for 2013
  - $258 M (30%) spent by end of July
- Check the Bid Letting Schedule
  - Bid openings scheduled all year
  - Need to meet the “Board Schedule”
- “Bridge Out Ahead”
  - More I-90 west bridges identified for reconstruction in 2014
  - Bid in late October, construction in February
  - More detours and more work
Program Delivery

- Focus on Geotech early in design
- Follow the rules of right-of-way:
  - Identify parcels early
  - Field verify!
  - Submit timely plats
- Comply with procedures
  - Tollway Engineering maintains ISO Certification
  - Project documentation is crucial
Maintenance of Traffic and Work Zone Safety

John Benda
Balmoral Avenue Bridge Struck

- Bridge struck at 1:20 p.m. on June 3
- Maintenance crews address the damage
- Determine immediate course of action
Maintenance Crews Secure the Beam
Plan of Attack

- Developed plan
  - Task 1: Remove the damaged beam
  - Task 2: Order replacement beam (four - six weeks)
  - Task 3: Complete repair – target date August 1

- Identified contractor to make repairs
- Determined removal method
- Determined detour route
Activate a Traffic Management Plan
Timeline of Beam Removal

Saturday, June 8, 2013

- 7:00 pm – Two lane closure northbound
- 8:00 pm – Two lane closure southbound
- 9:30 pm – Eastbound Balmoral Avenue closed
- 10:00 pm – Three lane closure northbound
- 11:10 pm – Blackhawks win in overtime to clinch Western Conference Championship
- 11:30 pm – Northbound Cermak Road Toll Plaza open road tolling lanes closed (cash lanes open) and left lane of the two-lane ramp from the eastbound Reagan Memorial Tollway (I-88) to northbound I-294 closed
- 12:00 midnight – Detour begins

Sunday, June 9, 2013

- 12:12 am – Contractor begins
- 2:05 am – Beam is down
- 3:30 am – All lanes open on southbound I-294
- 5:30 am – Two lanes northbound open, detour is removed
- 7:32 am – Clean up complete, all lanes northbound open
Removal of damaged beam

(VIDEO HERE)
General Engineering Consultant
Bridget Malinowski
Today’s Topics

- Disposition of comments
- Design deviation
- Punch list
- Construction walkthroughs
- Record drawings
Design Section Engineer’s Manual

- Milestone Submittal Requirements
- Incomplete Submittals = Unproductive Review
“DSE responses to previous review comments must accompany each submittal”
RESPONSES FOR ACTION REQUIRED

A: AGREE FULLY WILL COMPLY.
B: AGREE PARTLY WITH, AS NOTED EXCEPTIONS.
C: DISAGREE FULLY. REASONS ARE NOTED.
D: COMMENT HAS BEEN SUPERSEDED BY DESIGN DEVELOPMENT.
E: QUESTION ONLY. ANSWER THE QUESTION.
Design Deviations

- Deviations from:
  - Policy
  - Standards
  - Criteria
- Inform Tollway
- Submit early
- Document decision/action
- Project Specific
Design Deviations

ILLINOIS TOLLWAY - REQUEST FOR DESIGN DEVIATION TO CRITERIA

<table>
<thead>
<tr>
<th>Request Information</th>
<th>Project Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date:</td>
<td>Contract No:</td>
</tr>
<tr>
<td>DSE PM:</td>
<td>Project Description:</td>
</tr>
<tr>
<td>DSE Firm:</td>
<td>Limits/Location:</td>
</tr>
<tr>
<td>Deviation Requested (Describe design deviation requested and attach detailed sketch as required. Refer to Tollway policies, standards or criteria not being met.)</td>
<td></td>
</tr>
<tr>
<td>Method of Compliance</td>
<td></td>
</tr>
<tr>
<td>Reason for Request:</td>
<td></td>
</tr>
<tr>
<td>Justification for Request:</td>
<td></td>
</tr>
</tbody>
</table>

SUBMITTED BY | DSE Assigned Project Deviation #

<table>
<thead>
<tr>
<th>DSE PM/Structural SEAL:</th>
</tr>
</thead>
<tbody>
<tr>
<td>By:</td>
</tr>
<tr>
<td>Date:</td>
</tr>
<tr>
<td>Expires:</td>
</tr>
</tbody>
</table>

DSE Project Manager

REVIEWED BY:

- General Engineering Consultant
- Deputy Chief Engineer – Program Controls System Integrity

ACCEPTED BY:

- Chief of Engineering – Tollway

Revision Level 2

NEW!

DRAFT
Design Deviations - Basics

- State requested deviation
- Summarize the impacts of following “Criteria”
- Provide justification
- Include attachments
- Seal from the DSE PM
Design Deviations - Process

- **DSE Submits Draft/Final Form to PM**
  - **Tollway/GEC Review**
    - **Returned to PM**
      - No Comments
      - **Routes Document for Signatures**
        - **Signed DD Returned to PM**
          - **Uploaded to WBPM**
Design Deviation Request:
Allowance of a rollover of 8% which exceeds the Tollway’s maximum allowable rollover of 7%
### Form A-45 PL Punch List Template

<table>
<thead>
<tr>
<th>Number</th>
<th>Date Listed</th>
<th>Description</th>
<th>Location</th>
<th>Responsibility</th>
<th>Projected Completion Date</th>
<th>Date Complete by Contractor</th>
<th>Date CM Consumed</th>
<th>Inspector Initials</th>
<th>Comments/Status</th>
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### Continuous Process
## Punch List Process

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<th>Comments / Status</th>
</tr>
</thead>
</table>

**A - 45PL PUNCH LIST**

**CONTRACT NO.:**

**CONTRACT TITLE:**

**GENERAL CONTRACTOR:**

**CM Firm:**

**RE Name:**

**Date Complete by Contractor** | **Date CM Concurred** | **Inspector Initials** | **Comments / Status**
Punch List Items Are Closed When:

- Physically completed
- Documentation provided to indicate why no further action was required by contractor
Project Walkthroughs

Pre-Final Walkthrough

- General project overview
- Scheduling
- Prior to substantial completion
- Punch list available to attendees
Project Walkthroughs

- Final Walkthrough
- Completed Punch List
Project Walkthroughs

Walkthrough attendees:
- CM
- Tollway Maintenance
- Tollway PM
- Tollway GEC
- Tollway User Departments
- Contractor (Optional)
Project Walkthrough

- Determine Contract vs. Extra Work Items
- Provide walkthrough documentation
Record Drawings

- Design plans
  (Final quantity and field changes)
- Shop drawings
- Performance based drawings
- Value engineering
Three Components Must Be Equal

Record Drawings

Field Conditions

Final Amended Barrier Warrant

Three Components Must Be Equal

Record Drawings

Field Conditions

Final Amended Barrier Warrant
Questions ?
Diversity and Strategic Development Department Update

September 5, 2013
Disparity Study

- Ensure the success of Tollway diversity programs
- Kick-off meeting held in May
- Working to identify relevant contract data
- Study consultant will host interviews at end of October
- Focus group planned to take place in fall
- Study scheduled to be conducted May 2014
Construction Contractor Survey

- Gauge awareness of *Move Illinois* Program
- Better promote contract opportunities and increase participation of businesses of all sizes
- Includes four sections:
  - Questions about your business
  - Questions about the Tollway’s programs
  - Questions about bidding for construction contracts
  - Other input
New Compliance Consultant

- Assist with Disadvantaged Business Enterprise (DBE) Program
- Monitor DBE Program specifications during construction
- Scope of work includes:
  - Ensure subcontractors and DBEs perform work
  - Review Equal Employment Opportunity Workforce Analysis forms and certified payroll
  - Help develop specifications related to new programs
  - Assist with technical training programs
  - Assist with development of automated processes
QUESTIONS?
THANK YOU