



**Action Item Summary**  
**Kick-Off Meeting**  
**US 51 Bridge – Item 1-100.00 and 1-1140.00**  
KYTC District 1 Office  
Paducah, Kentucky  
January 30, 2013  
9:00 AM

A kick-off meeting for the US 51 Bridge project over the Ohio River was held at 9:00 a.m. CST on Wednesday, January 30th, at the Kentucky Transportation Cabinet (KYTC) District 1 Office in Paducah, Kentucky. The purpose of the meeting was to discuss the field visit, existing bridge condition, project study area, project tasks and workflow, draft schedule, data needs, public involvement activities, and the management team calls. Participants in the meeting represented the KYTC District 1 and Central Offices and the consultant firms; CDM Smith, Michael Baker, and Palmer Engineering. Meeting attendees included the following persons:

Mike McGregor	KYTC, District 1 Transportation Branch Manager
Susan Oatman	KYTC, District 1 Design
Harold Gibson	KYTC, District 1 Structures
David Davis	KYTC, District 1 Utilities
Lucas Gilliam	KYTC, District 1 Utilities
Keith Todd	KYTC, District 1 Public Information
Blake Beyer	KYTC, District 1 Environmental
Jonathan Reynolds*	KYTC, Central Office
Tim Foreman*	KYTC, Central Office
Lynn Soporowski*	KYTC, Central Office
Steve Ross*	KYTC, Central Office
Srinivasa Gutti*	KYTC, Central Office
Aaron Stover	Michel Baker
Gary Sharpe	Palmer Engineering
Stephanie Blain	Palmer Engineering
Chuck Wood	Palmer Engineering
Samantha Wright	CDM Smith
John Carr	CDM Smith
Len Harper	CDM Smith

*\*Joined by phone.*

An agenda, draft project base map, workflow, schedule, and a copy of the public involvement activities were provided to the team members. A copy of the meeting materials, including the agenda, is attached. A summary of the key decisions and action items from this meeting are provided below.

### **Key Decisions**

- This is a location study for a bridge replacement project.
- The \$100,000 funding from KYTC Item #1-100.00 has been deobligated. Mike McGregor is working to get this funding reinstated.
- The study area shown in the Basemap with Proposed Alternatives is adequate.
- The radius at the KY approach is inadequate. Consider a 35 - 45 mph design speed.
- CDM Smith and Baker will start informal discussions with the USCG about the horizontal clearance requirements for the navigational channel of a new structure.
- CDM Smith and Baker will research the functionally obsolete designation of the existing bridge and see what minimum typical section is required to remove this designation.
- Based on preliminary traffic counts and projections, the new bridge will more than likely stay two lanes. Preliminary thoughts are that the bridge should not be less than 40 ft wide which allows room for a broken down vehicle or a parked maintenance truck while maintaining two-way traffic flow.
- There does not appear to be much geotechnical information about the existing bridge. KYTC will see if they can find additional information.
- Structurally the bridge from the deck up is in adequate condition. There will be minor bridge repairs this spring. There has not been much shift in the bridge alignment which is an indication that the piers have not shifted much.
- Need to inform the public, stakeholders, etc. that this is not part of the I-66 project. This is a bridge replacement project.
- KYTC must submit information for the Six-Year Highway Plan by the end of August. CDM Smith will need to provide a PIPF, phased 2013 cost estimate, termini, and a brief description by this date. Mike McGregor can provide some examples of what is needed. CDM Smith will adjust the schedule to show the new August deadline for the preferred alternative and cost estimate.
- KYTC agreed with the Agency coordination approach. At this point it is anticipated that this will be an EA/FONSI. Need to verify this approach with FHWA. Also need to discuss the changes in Map 21 and its potential effect on the project. CDM Smith will draft an overview of the Agency and Public Coordination along with a list of questions for FHWA. A meeting will then be coordinated through Mike McGregor.
- CDM Smith will do a straight line projection using traffic counts and historical growth trends. KYTC is ok with this approach to the traffic analysis. If more detailed analysis is needed later, we will discuss how to proceed. Currently there is no money in the budget or scope for additional traffic analysis.
- Keith Todd will work with Palmer and Darryl Armstrong on the contact list for the agencies, stakeholders, media, public involvement, etc. Lynn Soporowski has contact information for the Railroad Company. KYTC Central Office has some additional agency contact information if needed.
- KYTC will develop a Media Release for the project.
- Keith Todd will create a project specific webpage from KYTC's website.
- CDM Smith will create the Public Involvement Plan.

- Management Team Calls will be scheduled month by month through Mike McGregor. There will be a call approximately every 3 weeks.
- CDM Smith will draft a letter asking ILDOT to designate someone to participate in the project. Typically the letter is sent from the KYTC Secretary to the ILDOT Director.
- Materials needed in October to justify Phase 1 Design and NEPA funding; Needs & Deficiencies, NEPA approach, how long will the current bridge last and what will maintenance costs be (pull historic maintenance costs), note high truck traffic and effect of a lower load rating, note enforcement cost of a lower load rating, schedule and cost for Phase 1 Design and NEPA Phase.

#### **Action Items**

- KYTC
  - See what additional Geotechnical information is available for the existing bridge.
  - Keith Todd will help Palmer and Darryl Armstrong develop the contact list for the project (agency, stakeholders, media, etc.).
  - Draft a Media Release.
  - Create a US 51 webpage on KYTC's website.
- CDM Smith/Michael Baker/Palmer Engineering
  - CDM Smith and Baker to start informal discussions with the USCG about the horizontal clearance requirements for the navigational channel of a new structure.
  - CDM Smith and Baker to research the functionally obsolete designation of the existing bridge and see what minimum typical section is required to remove this designation.
  - CDM Smith will revise the project schedule and workflow to accommodate the August deadline for the preferred alternative and cost estimate.
  - CDM Smith will draft the agency/public approach and a list of questions for the FHWA discussion and send it to Mike McGregor for review.
  - CDM Smith will draft the Public Involvement Plan and send it to Mike McGregor for review.
  - Palmer and Darryl Armstrong will work with Keith Todd on developing a contact list (agency, stakeholders, media, etc) for the project.
  - CDM Smith will do the traffic analysis. A straight line projection will be done using traffic counts and historical growth trends.
  - CDM Smith will schedule the Management Teams Calls through Mike McGregor on a month by month basis.
  - CDM Smith will draft a letter asking ILDOT to designate someone to participate in the project and send it to Mike McGregor.



**Action Item Summary**  
**Team Meeting #2**  
**US 51 Bridge – Item 1-100.00 and 1-1140.00**  
Conference Call  
Paducah, Kentucky  
February 21, 2013  
2:00 PM Central

Project Team Meeting #2 for the US 51 Bridge project over the Ohio River was held over a conference call at 2:00 p.m. CST on Thursday, February 21st. The purpose of the meeting was to discuss the progress to-date, upcoming submittals, and the next steps. Participants on the conference call included:

Mike McGregor	KYTC, District 1 Transportation Branch Manager
Stephanie Blain	Palmer Engineering
Samantha Wright	CDM Smith
Len Harper	CDM Smith

An agenda, updated schedule, and a copy of the Ironton-Russell Bridge Example were provided to the team members. A copy of the meeting materials, including the agenda, is attached. A summary of the key decisions and action items from this meeting are provided below.

**Key Decisions:**

- Bridge Meeting with Josh Rogers scheduled for 10:00 a.m. on 2-22-13 at KYTC Central Office. Harold Gibson from KYTC District 1, Aaron Stover and Michael Baron from Michael Baker Inc., and Len Harper from CDM Smith will attend the meeting. A meeting summary will be provided for the group.
- We have maintenance cost records through 2008. KYTC will check to see if earlier records are available. Can we reduce the types of activities that need to be included?
- Third Rock has started the environmental data collection.
- The Project Information Sheet seems ok. Check with Keith Todd to see if he wants any changes.
- No response yet from the letter sent to the IDOT Secretary. Josh Rogers, KYTC C.O., received an email from Judy Buckman who is Structure Program Manager for IDOT. She had heard about the project from the Press Release. She would like to talk to the project team about the Study (time frames, scope, costs, etc.) and whether or not IDOT should be participating in its funding. Judy was told IDOT would not be participating in the study. KYTC D1 will contact her and clear this up.
- CDM Smith will contact Keith about the Media List. The Project Team will create a Master List/Spreadsheet with all the contact information. We will request the agency contact information from IDOT once we get a response from them. Judy Buckman may be able to help out with this.

- February 22<sup>nd</sup> Submittals:
  - Public Involvement Plan/Communication Protocol
  - Agency Coordination Plan
  - Project Management Plan
  - Draft Agency Coordination Letter #1 – Contact information needed for Illinois Agencies, U.S. Coast Guard, KY Environmental and Public Protection Cabinet, Illinois Environmental Protection Agency, U.S. Environmental Protection Agency, and Native American Tribes.
- Michael Baker will start informal discussions with US Coast Guard about horizontal clearance requirements for a new structure.
- As part of this study consider the typical section from the Ironton-Russell Ohio River Bridge (32’).
- Palmer completed the traffic counts. CDM will start the traffic operations analysis and begin assessment of a growth rate.
- Michael Baker and Terracon are working on an outline for the Geology and Soils White Paper.
- Cultural resources and archaeology archival research is ongoing.
- CDM Smith will outline existing deficiencies to help develop the Purpose and Need.
- CDM Smith and Palmer will start thinking about topics for the Newsletter.
- An initial agency coordination meeting is scheduled for March 27, 2013. It is anticipated that a local venue will be provided for the meeting, as well as an on-line web meeting option for remote participation. We may want to postpone this meeting a week or two, depending on when we get FHWA on board, and when they will be ready to send out the letters.
- Need to engage Anthony Goodman and Ryan Tenges at FHWA. CDM Smith will draft a letter for KYTC to send.
- Project Team Meeting #3 will be a conference call on March 14<sup>th</sup> at 2 p.m. Central.

**Action Items:**

- KYTC
  - Mike McGregor will contact Judy Buckman and clarify IDOT’s role in the project. Also inquire about an IL Agency Contact List.
  - Mike McGregor will check to see if they have point of contact information for U.S. Coast Guard, KY Environmental and Public Protection Cabinet, and U.S. Environmental Protection Agency.
- CDM Smith/Michael Baker/Palmer Engineering
  - CDM Smith and Michael Baker will draft a meeting summary for the KYTC Bridge Maintenance Meeting on 2-22-13.
  - CDM Smith and Michael Baker will send KYTC a list of maintenance activities to be included in KYTC’s historical maintenance records search.
  - CDM Smith will check with Keith Todd to see if he wants any changes to the Project Information Sheet.
  - CDM Smith will contact Keith Todd about getting the KY Media contact information.
  - Palmer will create a master spreadsheet for the mailing lists – public, local officials, agencies, and media.

- CDM Smith and Michael Baker will start informal discussions with the USCG about the horizontal clearance requirements for the navigational channel of a new structure.
  - CDM Smith will draft a letter for KYTC inviting FHWA KY to join the project.
  - CDM Smith and Palmer will start thinking about topics for the Newsletter.
  - CDM Smith will outline existing deficiencies to help develop the Purpose and Need.
- Upcoming Submittals:
  - February 22<sup>nd</sup> Submittals:
    - Public Involvement Plan/Communication Protocol
    - Agency Coordination Plan
    - Project Management Plan
    - Draft Agency Coordination Letter #1
- Next Meeting: Conference Call - Project Team Meeting #3 on March 14<sup>th</sup> at 2 p.m. Central.



**Action Item Summary**  
**Team Meeting #3**  
**US 51 Bridge – Item 1-100.00 and 1-1140.00**  
Conference Call  
March 14, 2013  
2:00 PM CDT

Project Team Meeting #3 for the US 51 Bridge project over the Ohio River was held over a conference call at 2:00 p.m. CDT on Thursday, March 14, 2013. The purpose of the meeting was to discuss the progress to-date, upcoming submittals, and the next steps. Participants on the conference call included:

Mike McGregor	KYTC, District 1 Transportation Branch Manager
Judy Buckman	IDOT
Carrie Nelsen	IDOT
Tim Craven	IDOT
Karen Shoup	IDOT
Ryan Tenges	FHWA KY
Stephanie Blain	Palmer Engineering
Aaron Stover	Michael Baker Jr., Inc.
Samantha Wright	CDM Smith
Len Harper	CDM Smith

An agenda, updated schedule, and study area map were provided to the team members prior to the conference call. A copy of the meeting materials, including the agenda, is attached. A summary of the key decisions and action items from this meeting are provided below.

**Key Decisions:**

- IDOT received a grant for an I-66 Study. Although the preferred corridor will likely be further north, one of the alternatives could include a corridor through the US 51 Study Area. KYTC is happy to participate in the I-66 Study but noted the purpose of this study is a bridge replacement project.
- There was Bridge Conditions Assessment Meeting on 2-22-13 at KYTC Central Office. It was decided the bridge rehab concept would kick-in when the structure became structurally deficient. Part of this analysis will estimate how long the existing bridge will last before becoming structurally deficient and what type of improvements are needed to keep the bridge open 25 years. No other bridge maintenance cost data is needed at this time.
- CDM Smith has started the Traffic and Crash analysis in Kentucky. Carrie Nelsen from IDOT can provide Illinois data.
- Mailing Lists - Mike McGregor will contact Keith Todd about sending CDM Smith the Media List, and any other additions he has made to the KY local and state officials list. IDOT will provide a

contact list for local and state officials in Alexander and Pulaski County. Palmer will then create a Master List/Spreadsheet with all the contact information.

- Initial Agency Coordination letter will be mailed to Kentucky Agencies on Friday, March 15, 2013.
- The initial agency coordination meeting will be at 10:00 am CDT on Tuesday, April 30th, at the Kentucky Transportation Cabinet District 1 Office, 5501 Kentucky Dam Road, Paducah, Kentucky 42003. An on-line web meeting option will be provided for remote participation. The focus of the meeting will be on the project's Purpose and Need and Screening Criteria. Additional details regarding the meeting will be provided as they are developed.
- Illinois Agency Coordination – typically IDOT Agency Coordination takes place through quarterly statewide meetings. IDOT will gather Agency Contacts and talk to FHWA-IL to see how they want to handle agency coordination for this project.
- Native American Tribal Coordination will need to be through FHWA because of Nation to Nation requirement. CDM Smith will contact FHWA-KY about this.
- Mike McGregor will talk with Keith Todd about adding US 51 project page on the KYTC District 1 website.
- IDOT will setup a project link for US 51 on their website. CDM Smith will coordinate with Carrie Nelsen on this.
- Public Meetings in May – The meetings are planned as open house style with one meeting in Cairo and one meeting in Wickliffe. The preliminary alternatives will be presented. IDOT will look for locations in Cairo. Shawnee College Cairo Center, Bennett Elementary School, and Emerson Elementary School were mentioned as possible locations. The CDM Smith team will look for sites in Wickliffe. Possible locations in Wickliffe are NewPage Paper Mill meeting room, a local church or court house.

**Action Items:**

- KYTC
  - Mike McGregor will check Keith Todd about Media Contact List, any additional Local and State Officials, and Project Website.
- IDOT
  - IDOT will provide a contact list for local and state officials in Alexander and Pulaski County.
  - IDOT will contact FHWA-IL and let the project team know how they wish to proceed with Illinois Agency Coordination.
  - IDOT will look for potential locations in Cairo for Public Meeting.
- CDM Smith/Michael Baker/Palmer Engineering
  - CDM Smith will contact Carrie Nelsen about Illinois crash and traffic data.
  - CDM Smith will contact FHWA-KY about Native American Tribal Coordination.
  - CDM Smith will coordinate with Carrie Nelsen about IDOT project website.
  - CDM Smith will look for potential locations in Wickliffe for Public Meeting.
  - Michael Baker will start informal discussions with the USCG about the horizontal clearance requirements for the navigational channel of a new structure.



- Michael Baker will setup a meeting with KYTC C.O. on Bridge Rehab Concept (mid to late April).
- Palmer will create a master spreadsheet for the mailing lists – public, local officials, agencies, and media.
- Upcoming Submittals:
  - March 22<sup>nd</sup> Submittals:
    - Purpose and Need Statement
    - Goals and Objectives
    - Screening Criteria
  - March 29<sup>th</sup> Submittals:
    - Traffic Operations Analysis
    - White Paper on Geology and Soils
    - White Paper on Socioeconomics
  - April 12<sup>th</sup> Submittal:
    - Bridge Deficiencies Fact Sheet
  - Mid April:
    - Meeting with KYTC C.O. on Bridge Rehab Concept. Can set up a webinar if needed.
    - Newsletter: Key topics - Give project background and promote Public Meeting in May.
- Next Meeting: Conference Call - Project Team Meeting #4 on April 4<sup>th</sup> at 2 p.m. CDT. CDM Smith will send out a meeting invitation.



**Action Item Summary**  
**Team Meeting #4**  
**US 51 Bridge – Item 1-100.00 and 1-1140.00**  
Conference Call  
April 4, 2013  
2:00 PM CDT

Project Team Meeting #4 for the US 51 Bridge project over the Ohio River was held over a conference call at 2:00 p.m. CDT on Thursday, April 4, 2013. The purpose of the meeting was to discuss the progress to-date, upcoming submittals, and the next steps. Participants on the conference call included:

Mike McGregor	KYTC, District 1 Transportation Branch Manager
Carrie Nelsen	IDOT
Karen Shoup	IDOT
Ryan Tenges	FHWA KY
Stephanie Blain	Palmer Engineering
Gary Sharp	Palmer Engineering
Aaron Stover	Michael Baker Jr., Inc.
Samantha Wright	CDM Smith
Rebecca Thompson	CDM Smith

An agenda, updated schedule, study area map, draft Purpose and Need Statement, and alternatives map were provided to the team members prior to the conference call. A copy of the meeting materials, including the agenda, is attached. A summary of the key decisions and action items from this meeting are provided below.

**Key Decisions:**

- The draft Traffic analysis is under internal review. We are recommending an annual growth rate of 0.5% for the bridge, which results in 6,200 vpd in year 2040.
- There's a new port authority at Cairo – will that impact the traffic? Karen provided contact information (Jerry Smith: 618.734.7000). Kentucky grain producers are likely already going to Mound City; grain trucks and logging trucks were observed using the bridge during the data collection effort.
- Baker talked with the Coast Guard last week. Generally wider navigation clearances are recommended for bridge replacement projects. They were not concerned if the existing piers are reused; pier expansions have to be considered on a case-by-case basis. Once the alternatives are developed, proposed clearances will need to be submitted to the Coast Guard for their review.
- At this phase in the project, an overview level of environmental analysis is underway: collection of available database information to highlight red flag issues. No baseline studies are completed at this phase of work. Another level of analysis will be completed for NEPA as the project advances.

- The study area boundary for environmental data collection is shown in the handout.
- In the draft Purpose & Need Statement, the two barge facilities in Mound City should be listed as major employers in the study area. The tables in the draft document can be updated as we coordinate with resource agencies and the public.
- The Wickliffe Paper Company is called New Page (parent company). The mailing list should be updated to reflect this.
- A handout showing the set of alternatives to be considered was provided as a handout prior to the call. A new alternative was suggested: extending Alternative 3A straight across the river instead of curving south. Alternatives should be sensitive to impacts to Cairo, particularly moving the alternatives away from the town. The northern connections provide a better connection to I-57; the US 60/62 bridge crossing is in bad condition. At this time, neither Illinois nor Missouri is looking at a long term plan to replace the bridge.
- Palmer is looking at alternatives, specifically approach turning radii and the navigational clearances. The team will discuss further on the next call.
- The preliminary alternatives will be shown, along with any data, at the public meeting. The newsletter will show the study area but not the alternatives.
- Two public meetings are scheduled, one in Cairo and one in Wickliffe. We will plan to hold these May 20<sup>th</sup> and 21<sup>st</sup> (4-7 PM). The high school in Cairo is a good location. The team should check with the local communities for any scheduling conflicts.
- Proposed materials for the public meeting: Project timeline for implementation, schedule for current phase, study area, draft Purpose & Need, existing bridge conditions, location alternatives, traffic, Environmental Overview mapping, draft screening criteria. We will provide a survey or comment form. We can continue this discussion at the next team meeting.
- IDOT will provide a contact list Friday or Monday. Keith Todd is going to provide media contacts for KYTC.
- The I-66 study is about to get started; you may get feedback on that project as well.
- Ten agencies have agreed to participate under the Section 6002 process. IDOT's agency coordination occurs at quarterly meetings during the NEPA process. Invitation letters should be sent to the Illinois agencies – Carrie will provide the contact list. Samantha will provide the Kentucky letters to Carrie as an example.
- Tribal coordination typically occurs simultaneous with the Section 106 consultation effort. Does FHWA want to notify the tribes that the study is ongoing? Carrie will follow up with FHWA-IL.
- The agency presentation should be sent to participants by April 23<sup>rd</sup>.

**Action Items:**

- KYTC
  - Mike McGregor will check Keith Todd about Media Contact List, any additional Local and State Officials, and Project Website.
- IDOT
  - IDOT will provide a contact list for local and state officials in Alexander and Pulaski County.

- IDOT will contact FHWA-IL and let the project team know how they wish to proceed with Illinois Agency Coordination.
- CDM Smith/Michael Baker/Palmer Engineering
  - CDM Smith will contact FHWA-KY about Native American Tribal Coordination.
  - CDM Smith will look for potential locations in Wickliffe for Public Meeting.
  - Michael Baker will setup a meeting with KYTC C.O. on Bridge Rehab Concept (mid to lateApril).
  - Palmer will create a master spreadsheet for the mailing lists – public, local officials, agencies, and media.
- Upcoming Submittals:
  - April 12<sup>th</sup> Submittal:
    - Bridge Deficiencies Fact Sheet
  - Mid April:
    - White Paper on Socioeconomics
    - Meeting with KYTC C.O. on Bridge Rehab Concept. Can set up a webinar if needed.
    - Newsletter: Key topics - Give project background and promote Public Meeting in May.
- Next Meeting: Conference Call - Project Team Meeting #4 on April 25 at 2 p.m. CDT. CDM Smith will send out a meeting invitation.



**Action Item Summary**  
**Team Meeting #5**  
**US 51 Bridge – Item 1-100.00 and 1-1140.00**  
Web Meeting/Conference Call  
April 25, 2013  
2:00 PM CDT

Project Team Meeting #5 for the US 51 Bridge project over the Ohio River was held over a web meeting and conference call at 2:00 p.m. CDT on Thursday, April 25, 2013. The purpose of the meeting was to discuss the progress to-date, upcoming submittals, agency meeting presentation and the next steps. Participants on the conference call included:

Mike McGregor	KYTC, District 1 Transportation Branch Manager
Carrie Nelsen	IDOT
Judy Buckman	IDOT
Stephanie Blain	Palmer Engineering
Gary Sharp	Palmer Engineering
Aaron Stover	Michael Baker Jr., Inc.
Leonard Harper	CDM Smith
Rebecca Thompson	CDM Smith

An agenda, action item summary from Project Team #4, and the Draft Newsletter were provided to the team members prior to the conference call. A copy of the meeting materials, including the agenda, is attached. A summary of the key decisions and action items from this meeting are provided below.

**Key Decisions:**

- There were no comments on the Traffic Operations White Paper or the proposed 0.5% annual growth rate.
- CDM Smith contacted Jerry Smith, Chairman of the Cairo Port District and invited him to be a Participating Agency. Mr. Smith is going to contact the local ports in Cairo to see how many deliveries are coming from Kentucky. The Bunge Oil Seed Processing Plant is looking to expand its plant. They met with the IDOT Port District a few weeks ago. Mr. Smith will check with Bunge and see what information they are willing to share about their expansion plans.
- Michael Baker gave an overview of the Bridge Conditions White Paper. The bridge deck, structural steel and paint system will need rehabilitation work in the next 25 years to keep the current load rating on the bridge. Other potential issues include bridge scour, seismic loading, and barge impacts. The most recent load rating was 36 tons, which is on the cusp of being structurally deficient. IDOT requested a copy of the Bridge Conditions White Paper. CDM Smith will send once the internal review is complete.
- KYTC is reviewing the Geotech White Paper. Mike McGregor will check on the status of the review. IDOT would like a copy once the internal review is complete.

- KYTC is reviewing the Socioeconomic White Paper. IDOT would like a copy once the internal review is complete. There are some low economic areas in Cairo and potential EJ issues that will need to be considered during the alternative development process.
- The Environmental Overview will be submitted to KYTC next week.
- There were no comments on the Revised Purpose and Need statement.
- The team was ok with the initial alternatives presented. Palmer is looking at alternatives, specifically approach turning radii and the navigational clearances. The initial alternatives assumed a 1,000 ft navigational clearance for bridges on new alignment. The USCG has not agreed to this. Larger clearances were required in the I-66 study. Once the alternatives are developed, proposed clearances will need to be submitted to the Coast Guard for their review. They were not concerned if the existing piers are reused; pier expansions have to be considered on a case-by-case basis.
- The newsletter is scheduled to go out May 3<sup>rd</sup>. CDM Smith will contact Keith Todd about the media contacts in Kentucky.
- Public Meeting Advertisements and a Media Release are being drafted. CDM Smith will contact Keith Todd about distribution procedures.
- Variable Message Boards were discussed as another way to advertise the Public Meetings. IDOT should be able to provide message boards for the meeting in Cairo and KYTC can provide message boards for the meeting in La Center.
- CDM Smith went through the April 30<sup>th</sup> Agency Meeting Presentation. The team had no comments on the presentation. The agency presentation will be sent to participants on Friday, April 26<sup>th</sup> with the meeting location and webinar information.
- At the next Project Team Meeting the Public Meeting Exhibits and the Public Survey will be reviewed and discussed.

**Action Items:**

- Overall
  - The comment period for the Traffic Operations White Paper ends May 3, 2013. If no comments are received the White Paper will be considered FINAL.
- KYTC
  - KYTC will work with CDM Smith to get the newsletter and public meeting advertisements approved.
- CDM Smith/Michael Baker/Palmer Engineering
  - CDM Smith will follow-up with Jerry Smith, Chairman of the Cairo Port District about local port activity.
  - Once the internal review is complete, CDM Smith will submit the Bridge Deficiencies White Paper, Geotech White Paper, Socioeconomic White Paper, and Environmental Overview Report to IDOT for review.
  - CDM Smith will contact Keith Todd about the Project Newsletter, Public Meeting Advertisements, and the Media Release for the Public Meetings.
  - Palmer will send out the Newsletter the week of April 29<sup>th</sup>.

- Palmer will work with Michael Baker to develop the proposed alternatives, so the proposed clearances can be submitted to the Coast Guard for their review.
- Palmer, CDM Smith, and Michael Baker will draft the Public Meeting Exhibits.
  - Project Timeline
  - Project Schedule
  - Study Area (no alternatives)
  - Draft Purpose and Need
  - Existing Bridge Conditions
  - Location Alternatives
  - Profiles of Alternatives
  - Existing and Future Traffic Projections
  - Environmental Overview Mapping
  - Draft Screening Criteria
- Palmer and CDM Smith will draft the Public Meeting Survey.
- Upcoming Submittals:
  - April 30<sup>th</sup> – Agency Meeting
  - May 2<sup>nd</sup> – Meeting with KYTC C.O. on Bridge Rehab Concept.
  - May 3<sup>rd</sup> – Newsletter Mailing
  - May 7<sup>th</sup> – Agency Meeting Summary
  - May 9<sup>th</sup> – Public Meeting Exhibits for Review
  - May 20<sup>th</sup> and 21<sup>st</sup> – Public Meetings in Cairo and La Center.
  - May 28<sup>th</sup> – Public Meeting Summary
  - May 31<sup>st</sup> – Bridge Rehabilitation Fact Sheet
  - June 7<sup>th</sup> –
    - Existing/Future Needs and Deficiencies Report
    - Map of Alternatives for Initial Screening (after Public input)
- Next Meeting: Conference Call - Project Team Meeting #6 on May 9th at 2 p.m. CDT. CDM Smith will send out a meeting invitation.



**Action Item Summary**  
**Team Meeting #6**  
**US 51 Bridge – Item 1-100.00 and 1-1140.00**  
Web Meeting/Conference Call  
May 9, 2013  
2:00 PM CDT

Project Team Meeting #6 for the US 51 Bridge project over the Ohio River was held over a web meeting and conference call at 2:00 p.m. CDT on Thursday, May 9, 2013. The purpose of the meeting was to discuss the progress to-date, public meeting, upcoming submittals, and the next steps. Participants on the conference call included:

Mike McGregor	KYTC
Carrie Nelsen	IDOT
Karen Sparks	IDOT
Dan Brydl	FHWA-IL
Stephanie Blain	Palmer Engineering
Will Conkin	Palmer Engineering
Gary Sharp	Palmer Engineering
Aaron Stover	Michael Baker Jr., Inc.
Samantha Wright	CDM Smith
Leonard Harper	CDM Smith

A Team Meeting #5 Summary, Team Meeting #6 Agenda, updated Project Schedule, and the draft Agency Coordination Meeting Summary were provided to the team members prior to the conference call. A copy of the meeting materials, including the agenda, is attached. A summary of the key decisions and action items from this meeting are provided below.

**Key Decisions:**

- The Bridge Conditions White Paper is being updated based on the new Structurally Deficient load rating. The bridge itself is in good condition, the load rating and design load is driving the Structurally Deficient designation.
- Michael Baker held a meeting with KYTC Bridge Staff on May 7<sup>th</sup> about the Bridge Rehabilitation Alternative. This alternative will extend the bridge life a minimum 25 years. The Bridge Rehab will include a full deck replacement, new paint, and structural members below operating rating will be replaced or repaired. These repairs should bring the sufficiency rating slightly above 50. Michael Baker will create a cost estimate for these repairs. Seismic deficiencies were also discussed. It is likely some repairs would be needed to address the seismic deficiencies. This will be noted in Michael Baker's report but no costs will be included in the Bridge Rehabilitation Alternative.
- Michael Baker drafted a letter for the Coast Guard about horizontal clearances. KYTC is ok with the letter and will forward it on to the Coast Guard.



- The White Papers completed to date have been posted on the project eRoom for IDOT's reference. IDOT is able to access these documents.
- The Project Team has no comments on the Socioeconomic White paper or the Environmental Overview.
- CDM Smith will revise the Purpose and Need White Paper based on the new Structurally Deficient designation. Support Local Freight Routes will be added to the Level 2 Screening Criteria. This is based on comments from the April 30<sup>th</sup> Agency Meeting.
- The Newsletters have been mailed or emailed. They include information about the upcoming Public Meetings.
- The Public Meeting Advertisements will be published in the local paper of record in each county within the study area. They were also placed in the daily papers in Kentucky, Illinois and Missouri. Advertisements were placed the week of May 6<sup>th</sup> and May 13<sup>th</sup>.
- KYTC sent out the Media Release for the Public Meetings on May 2<sup>nd</sup>.
- The draft Public Meeting Exhibits were reviewed and the following comments were made:
  - It is too early to show typical sections to the public.
  - The traffic projections exhibit should be reworded to say "two lane bridge".
  - Add "Support Local Freight Routes" to the Level Two Screening Criteria.
  - Reduce the number of profiles. Have one exhibit showing the rehab option and a conceptual new alignment option.
- Will KYTC have self addressed envelopes for the surveys? Mike McGregor will look into this.
- Public Meeting Handout – Palmer will have a draft handout ready for review next week.
- Project Team nametags for the Public Meeting; Palmer will check with KYTC CO and FHWA-KY on attendees. IDOT will email Samantha their attendees. Chris Fraley from FHWA-IL is a maybe.
- We anticipate getting a lot of questions at the Public Meeting about the I-66 Study. If so, let people know it is a separate study that will be conducted by IDOT.
- We anticipate getting a lot of questions about the June maintenance work on the US 51 bridge. KYTC will get more information on this project.
- The Public Meetings are from 4-7 pm CDT. Team Members will start setting up at 3 pm CDT.
- Karen Sparks would like PDFs of the Public Meeting Exhibits. Palmer will upload these to the eRoom when completed.
- CDM Smith will coordinate dates for Project Team Meeting #7. May 23<sup>rd</sup> looks good for most people.

**Action Items:**

- KYTC
  - Send the US Coast Guard letter about the horizontal clearances.
  - Check about self addressed envelopes for the Public Meeting Surveys?
  - Get more information about the upcoming maintenance work on the US 51 bridge.
- IDOT
  - Send CDM Smith a list of people attending the Public Meeting.

- CDM Smith/Michael Baker/Palmer Engineering
  - Michael Baker will update the Bridge Conditions White Paper based on the Structurally Deficient designation.
  - CDM Smith will update the Purpose and Need White Paper based on the Structurally Deficient designation and the Agency comments.
  - Palmer will finalize the Public Meeting Exhibits and Survey, and post them to the eRoom for IDOT. They will also create nametags for Project Team members.
  - Palmer will send out a draft Public Meeting Handout for review.
  - CDM Smith will follow-up with Jerry Smith, Chairman of the Cairo Port District about local port activity.
  - CDM Smith will coordinate dates for Project Team Meeting #7. May 23<sup>rd</sup> looks good for most people.
  
- Upcoming Submittals:
  - May 20<sup>th</sup> and 21<sup>st</sup> – Public Meetings
  - May 31<sup>st</sup> –
    - Bridge Rehabilitation Fact Sheet
    - Existing/Future Needs and Deficiencies Report
  - June 7<sup>th</sup> –
    - Documentation of Engineering Considerations
    - White Paper/Fact Sheet on Bridge Type Concepts
    - Initial Location Alternatives Screening Report
  - June 15<sup>th</sup> – Public Meeting Summary
  - July 2<sup>nd</sup> - Agency Coordination #3 – Final Alternatives and Next Steps Coordination
  - August – PIF with Recommendation of Preferred Alternative(s) and Cost Estimate
  
- Project Team Meeting #7: TBD



**Action Item Summary**  
**Team Meeting #7**  
**US 51 Bridge – Item 1-100.00 and 1-1140.00**  
Conference Call  
May 30, 2013  
2:00 PM CDT

Project Team Meeting #7 for the US 51 Bridge project over the Ohio River was held over a conference call at 2:00 p.m. CDT on Thursday, May 30, 2013. The purpose of the meeting was to discuss the progress to-date, alternatives for level 2 screening, public meeting results, upcoming submittals, and the next steps. Participants on the conference call included:

Mike McGregor	KYTC
Tom Caldwell	IDOT
Karen Sparks	IDOT
Dan Brydl	FHWA-IL
Will Conkin	Palmer Engineering
Aaron Stover	Michael Baker Jr., Inc.
Samantha Wright	CDM Smith
Leonard Harper	CDM Smith
John Mettille	CDM Smith

The Team Meeting #6 Summary, Team Meeting #7 Agenda, updated Project Schedule, and the draft Alternatives for Level 2 Screening were provided to the team members prior to the conference call. A copy of the meeting materials, including the agenda, is attached. A summary of the key decisions and action items from this meeting are provided below.

**Key Decisions:**

- The updated Bridge Conditions White Paper has been uploaded to the project eRoom. It was updated based on the new Structurally Deficient load rating.
- The USCG sent a letter to industry contacts requesting feedback on the proposed alternatives and horizontal clearances. A two week comment period was provided.
- The full Environmental Overview with appendices has been uploaded to the project eRoom for KYTC's review. KYTC will check on the status of this review.
- CDM Smith revised the Purpose and Need White Paper based on the new Structurally Deficient designation and a Level 2 Screening Criteria was added; Support Local Freight Routes. The Level 2 Performance Measures were also updated to make the alternative evaluation process more accurate. The updated Purpose & Need and Screening Criteria White Paper has been uploaded to the project eRoom.
- Alternative 5 was eliminated during the Level 1 Screening process because it does not improve or maintain a cross river link between Cairo and Wickliffe. The No-Build, Alt 1 - Bridge Rehabilitation, Alt 1 - Superstructure Replacement, Combined Alternative 2, Alternative 3A and Alternative 4 will be advanced through the Level 2 Screening process.

- A 500 ft buffer will be used to quantify the environmental impacts of each alternative. A wider buffer will be shown at the river crossing of Combined Alternative 2 and Alternative 3A due to the proximity of the existing US 51 Bridge and the existing Railroad Bridge, respectively. This will allow for flexibility with the USCG.
- A range of typical sections will be used for the cost estimates. Three typical sections will be looked at; 12 foot lanes with 4 ft shoulders, 6 ft shoulders and 10 ft shoulders. This will allow for a cost-benefit analysis.
- The bridge type cost estimates are dependent on the horizontal clearance requirements from the USCG.
- The Public Meeting in Cairo had 76 attendees with 36 surveys turned in at the meeting and 6 additional surveys mailed in to-date. The Public Meeting in La Center had 58 attendees with 11 surveys turned in at the meeting and 7 additional surveys mailed in to-date. Based on the surveys and comments received at the meeting, most people prefer to leave the bridge at or near its current location. Concern was expressed about closing the bridge during construction and alternatives that bypass Cairo.
- Due to the KYTC PIF deadline, Agency Coordination #3 will take place concurrently with the PIF submittal. Comments received from Agency Coordination #3 will be included in the Final Report.
- Judy Buckman is retiring from IDOT at the end of May. She can be removed from the Project Team contact list.

**Action Items:**

- KYTC
  - Check status of the Environmental Overview.
  - Send additional Public Meeting Surveys to Palmer as needed.
- CDM Smith/Michael Baker/Palmer Engineering
  - CDM Smith will add Karen Sparks to the project eRoom.
  - CDM Smith, Palmer Engineering and Michael Baker will advance the No-Build, Alt 1 - Bridge Rehabilitation, Alt 1 - Superstructure Replacement, Combined Alternative 2, Alternative 3A and Alternative 4 through the Level 2 Screening process.
  - CDM Smith will coordinate dates for Project Team Meeting #9 in Paducah.
- Upcoming Submittals:
  - June 7<sup>th</sup> –
    - Bridge Rehabilitation Fact Sheet
    - Public Meeting Summary/Notebook
  - June 14<sup>th</sup> –
    - Existing/Future Needs and Deficiencies Report
    - Documentation of Engineering Considerations
    - Initial Location Alternatives Screening Report
  - June 21<sup>st</sup> – White Paper/Fact Sheet on Bridge Type Concepts
  - August –
    - Agency Coordination #3 – Final Alternatives and Next Steps Coordination
    - PIF with Recommendation of Preferred Alternative(s) and Cost Estimate

US 51 Action Item Summary  
May 30, 2013  
Page 3

- Project Team Meeting #8: June 13<sup>th</sup> (by phone)
- Project Team Meeting #9: late June/early July (Paducah)



**Action Item Summary**  
**Team Meeting #8**  
**US 51 Bridge – Item 1-100.00 and 1-1140.00**  
Conference Call  
June 20, 2013  
2:00 PM CDT

Project Team Meeting #8 for the US 51 Bridge project over the Ohio River was held over a web meeting and conference call at 2:00 p.m. CDT on Thursday, June 20, 2013. The purpose of the meeting was to discuss the progress to-date, level 2 screening criteria, public meeting results, upcoming submittals, and the next steps. Participants on the conference call included:

Mike McGregor	KYTC
Tom Caldwell	IDOT
Julie Klamm	IDOT
Joe Zdankiewicz	IDOT
Stephanie Blain	Palmer Engineering
Gary Sharpe	Palmer Engineering
Will Conkin	Palmer Engineering
Aaron Stover	Michael Baker Jr., Inc.
Samantha Wright	CDM Smith
Leonard Harper	CDM Smith

The Team Meeting #7 Summary, Team Meeting #8 Agenda, Map of Alternatives for Level 2 Screening and Draft Level 2 Screening Matrix were provided to the team members prior to the conference call. A copy of the meeting materials, including the agenda, is attached. A summary of the key decisions and action items from this meeting are provided below.

**Key Decisions:**

- The Bridge Rehab White Paper and the Needs and Deficiencies White Paper have been posted to the eRoom for review.
- A response from the USCG is expected this week or early next week. The Documentation of Engineering Considerations White Paper, Initial Location Alternatives Screening Report, Bridge Type White Paper and Cost Estimates are all waiting on this response.
- The Draft Level 2 Screening Matrix includes performance measures that are based on Table 2 from the Purpose and Need Summary. The project team is looking at ways to identify user costs associated with bridge closures for the No-Build, Rehab, and Superstructure Replacement Options. Without a traffic model, it may not be feasible to assign reliable dollar amounts for user costs.
- The feasibility of the Superstructure Replacement Option is being reviewed. This includes options to reinforce the existing piers to meet seismic design guidelines and maintain the USCG horizontal clearance requirements.

- Cost estimates will include a range of shoulder widths, including the following:
  - Full Design: 12 ft lanes with 10 ft shoulders on the bridge. This meets KYTC, IDOT, and AASHTO minimum design guidelines.
  - Practical Solutions: 12 ft lanes with 4 ft and 8 ft shoulders on the bridge.
- The Draft Public Meeting Summary is on the eRoom for review. Most of the returned surveys indicate preference for a new bridge at or near the existing bridge location.
- Once the tear sheets and final surveys are received, the Final Public Meeting Summary/Notebook will be placed on the eRoom. Two hard copies will be provided for KYTC District 1 office. CDM Smith will check with KYTC Central Office to see how many copies they want.

**Action Items:**

- KYTC
  - Forward USCG response when received.
  - Send additional tear sheets to Palmer when received.
  - Review the Draft Level 2 Screening Matrix.
  - Review the Draft Public Meeting Summary/Notebook.
- CDM Smith/Michael Baker/Palmer Engineering
  - CDM Smith will check with the KYTC Central Office to see how many copies of the Public Meeting Summary/Notebook they want.
  - CDM Smith will coordinate dates for Project Team Meeting #9.
- Upcoming Submittals:
  - July 12<sup>th</sup> (dependent on receipt of Coast Guard response letter) –
    - Documentation of Engineering Considerations
    - Initial Location Alternatives Screening Report
    - White Paper/Fact Sheet on Bridge Type Concepts
  - August –
    - PIF with Recommendation of Preferred Alternative(s) and Cost Estimate
    - Agency Coordination #3 – Final Alternatives and Next Steps Coordination
- Project Team Meeting #9: July 11<sup>th</sup> (tentative - by phone)



**Action Item Summary**  
**Team Meeting #9**  
**US 51 Bridge – Item 1-100.00 and 1-1140.00**  
KYTC District 1 Office, Paducah, KY  
July 19, 2013  
8:30 AM CDT

Project Team Meeting #9 for the US 51 Bridge project over the Ohio River was held at the KYTC District 1 Office in Paducah, Kentucky at 8:30 a.m. CDT on Friday, July 19, 2013. The purpose of the meeting was to discuss the USCG response letter, cost estimates, screening matrix, recommended alternate, project identification form (PIF), agency coordination, upcoming submittals and the next steps. Participants included:

Mike McGregor	KYTC District 1
Jessica Herring	KYTC District 1
Susan Oatman	KYTC District 1
Blake Beyer	KYTC District 1
Gary Sharpe	Palmer Engineering
Chuck Wood	Palmer Engineering
Aaron Stover	Michael Baker Jr., Inc.
JB Williams	Michael Baker Jr., Inc.
Samantha Wright	CDM Smith
John Mettill	CDM Smith
Tim Sorenson	CDM Smith
Leonard Harper	CDM Smith

The Team Meeting #9 Agenda, Updated Schedule, Map of Alternatives for Level 2 Screening, Screening Matrix Overview, Cost Estimates, and Draft PIF were provided to the team members at the meeting. A copy of the meeting materials, including the agenda, is attached. A summary of the key decisions and action items from this meeting are provided below.

**Key Decisions:**

- USCG sent a response letter on the proposed alternates on July 2, 2013. Recommended horizontal and vertical clearances for the navigational channel were provided for each alternate. The superstructure replacement alternate was not recommended unless the proposed 30 ft channel reduction for the pier reinforcement is reduced.
- KYTC would like cost estimates for a 4 lane typical section for internal use. The traffic projections do not support a 4 lane typical section so this will not be included in the report.
- The rehab alternate does not include costs to reinforce the existing piers to meet seismic design guidelines. At this time it is uncertain what type of return period (if any) would be required for a bridge rehab. Retrofitting for seismic design guidelines could add an additional \$25-50 million depending on the required return period. If this alternate is recommended, KYTC would have to decide what type of return period is acceptable in the next phase of the project.



- Based on the Level 1 and Level 2 Screening Matrix, Engineering Considerations, Cost Estimates, Public Comments, and Agency Feedback to date, the project team recommends the Combined Alternate 2 corridor move forward as the preferred alternate.
- The preferred cross section and alignment within the Combined Alternate 2 Corridor will be determined in the next phase of the project.
- CDM Smith will fill out the Project Identification Form (PIF) based on the Combined Alternate 2 corridor and send it to KYTC and the Purchase ADD for review.
- Combined Alternate 2 will be presented as the consultant recommended alternate at the next Bi-State Management Conference Call with IDOT and FHWA. The Screening Matrix Overview and Cost Estimates will also be presented.
- Agency Coordination #3 will be a mailing and include the preferred alternate. Feedback will be solicited and any responses will be included in the final report.
- The Draft Public Meeting Summary is missing some tear sheets. CDM Smith will work with KYTC on this so the Public Meeting Notebook can be finalized. Two hard copies will be provided for KYTC District 1 Office. CDM Smith will check with KYTC Central Office to see how many copies they want.
- The Alternative Selection Report will be a binder style report with a 15± page executive summary in the front and the white papers included as appendices.

**Action Items:**

- CDM Smith/Michael Baker/Palmer Engineering
  - Palmer will calculate cost estimates for a 4-lane typical section for KYTC internal use.
  - Palmer will calculate design cost estimates.
  - CDM Smith will send the Draft PIF to KYTC and the Purchase ADD for review.
  - CDM Smith will check with KYTC about the missing tear sheets for the Public Meeting Notebook.
  - CDM Smith will prepare a draft mailing for Agency Coordination #3.
  - CDM Smith will coordinate Project Team Meeting #10.
- Upcoming Submittals:
  - August 2<sup>nd</sup>
    - Documentation of Engineering Considerations
    - Initial Location Alternatives Screening Report
    - White Paper/Fact Sheet on Bridge Type Concepts
    - PIF for Combined Alternate 2
  - August 15<sup>th</sup>
    - Final Agency Coordination – Mailing with Recommended Alternative
    - Coordination with Potential Permitting Agencies
- Project Team Meeting #10: August 5<sup>th</sup> at 2:30 pm Central (by phone)



**Action Item Summary**  
**Team Meeting #10**  
**US 51 Bridge – Item 1-100.00 and 1-1140.00**  
Conference Call  
August 12, 2013  
2:00 PM CDT

Project Team Meeting #10 for the US 51 Bridge project over the Ohio River was held over a web meeting and conference call at 2:00 p.m. CDT on Monday, August 12, 2013. The purpose of the meeting was to discuss the USCG response letter, cost estimates, screening matrix, recommended alternate, final agency coordination, upcoming submittals and the next steps. Participants included:

Mike McGregor	KYTC District 1
Jessica Herring	KYTC District 1
Susan Oatman	KYTC District 1
Steve Ross	KYTC Central Office Planning
Sreenu Gutti	KYTC Central Office Planning
Joe Zdankiewicz	IDOT
Gary Sharpe	Palmer Engineering
Aaron Stover	Michael Baker Jr., Inc.
John Mettille	CDM Smith
Leonard Harper	CDM Smith

The Team Meeting #10 Agenda, Updated Schedule, Map of Alternatives, Screening Matrix Overview, and Cost Estimates were provided to the team members prior to the webinar. A copy of the meeting materials, including the agenda, is attached. A summary of the key decisions and action items from this meeting are provided below.

**Key Decisions:**

- John Mettille will take over as Project Manager for CDM Smith. Samantha Wright has taken another job with the University Of Kentucky College Of Engineering but will be available as needed.
- USCG sent a response letter on the proposed alternates on July 2, 2013. Recommended horizontal and vertical clearances for the navigational channel were provided for each alternate. The superstructure replacement alternate was not recommended unless the proposed 30 ft channel reduction for the pier reinforcement is reduced.
- The rehab alternate does not include costs to reinforce the existing piers to meet seismic design guidelines. At this time it is uncertain what type of return period (if any) would be required for a bridge rehab. Retrofitting for seismic design guidelines could add an additional \$25-50 million if required.
- Based on the Level 1 and Level 2 Screening Matrix, Engineering Considerations, Cost Estimates, Public Comments, and Agency Feedback to date, the project team recommends the Combined Alternate 2 corridor move forward as the preferred alternate. KYTC and IDOT agree with this recommendation.

- Clarify the following statement in the Screening Matrix Overview document: “Alternative 4 requires more new alignment, representing a worse case. Therefore, it is recommended to advance Alternatives 3A and 4 but not Alternatives 3 for Level 2 Screening”. Also update the cost estimate in the Recommendations Section.
- The preferred cross section and alignment within the Combined Alternate 2 Corridor will be determined in the next phase of the project.
- CDM Smith has provided KYTC with the draft Project Identification Form (PIF) based on the Combined Alternate 2 corridor.
- Agency Coordination #3 will be a mailing or email and include the preferred alternate. KYTC and IDOT are ok with the materials. CDM Smith will proceed with the mailing.
- The Alternative Selection Report will be a binder style report with a 15± page executive summary in the front and the white papers included as appendices.

**Action Items:**

- CDM Smith/Michael Baker/Palmer Engineering
  - Palmer and Michael Baker will calculate cost estimates for a 4-lane typical section for KYTC internal use.
  - CDM Smith will check with KYTC about the missing tear sheets for the Public Meeting Notebook.
  - CDM Smith will email and mail Agency Coordination #3.
  - CDM Smith will coordinate Project Team Meeting #11.
- Upcoming Submittals:
  - August 20<sup>th</sup>
    - Initial Location Alternatives Screening Report
    - White Paper/Fact Sheet on Bridge Type Concepts
    - Final Agency Coordination
  - August 30<sup>th</sup>
    - Documentation of Engineering Considerations
- Project Team Meeting #11: September 19<sup>th</sup> at 2:30 pm Central (by phone)



**Action Item Summary**  
**Team Meeting #11**  
**US 51 Bridge – Item 1-100.00 and 1-1140.00**  
Conference Call  
September 19, 2013  
2:30 PM CDT

Project Team Meeting #11 for the US 51 Bridge project over the Ohio River was held over a conference call at 2:30 p.m. CDT on Thursday, September 19, 2013. The purpose of the meeting was to review ongoing tasks and deliverables and to discuss upcoming submittals. Participants included:

Jessica Herring	KYTC District 1
Susan Oatman	KYTC District 1
Steve Ross	KYTC Central Office Planning
Carrie Nelsen	IDOT
Aaron Stover	Michael Baker Jr., Inc.
Gary Sharpe	Palmer
John Mettille	CDM Smith
Rebecca Thompson	CDM Smith

The Team Meeting #11 Agenda and updated schedule were provided to the team members prior to the call. A copy of the meeting materials, including the agenda, is attached. A summary of the key decisions and action items from this meeting are provided below.

**Key Decisions:**

- The River Hydraulics/Navigation Fact Sheet is under development. Third Rock completed their field survey of the Combined 2 Alternative corridor and has documented their findings in a brief memo. Both documents will be included in the Final Report.
- The Bridge Type Concepts Fact Sheet, Alternative Screening Report, and Engineering Considerations White Paper were submitted to the team for review. Each is available on the eRoom.
- KYTC has sufficient information to finalize the PIF.
- Costs for the 4-lane bridge estimate are under development. The 4-lane section will tie into the existing 2-lane cross section as quickly as possible off the structure. Steve Ross confirmed this assumption.
- CDM Smith will coordinate with Keith Todd (cc Mike) to follow-up regarding the missing tear sheets.
- The recent USCG letter will require follow-up in future project phases. Additional vertical clearance will be needed on the center 700 ft of the navigation channel. This can be refined without major issues and should fall within the 5% maximum grade requirement.
- The Draft final report should be ready for DOT review by mid October. CDM Smith will provide electronic files for review.
- KYTC will need 6 paper copies of the public meeting notebook (Steve Ross will confirm). IDOT only needs the electronic copy.

- KYTC prefers to not publish a media release/article announcing the selection of Combined Alternative 2. If the project is advanced in the Six Year Plan, this may be a more appropriate time.
- Agency coordination notebook will be submitted electronically. CDM Smith has received 4 responses to date, all of which were supportive of Combined Alternate 2 being the preferred alternative. All Agency comments are due back today.

**Action Items:**

- CDM Smith/Michael Baker/Palmer Engineering
  - Palmer and Michael Baker will calculate cost estimates for a 4-lane typical section for KYTC internal use.
  - Palmer will complete the River Hydraulics/Navigation Fact Sheet.
  - CDM Smith will check with Keith Todd about the missing tear sheets for the Public Meeting Notebook.
- Upcoming Submittals:
  - Draft Final Report (mid October)
- Project Team Meeting #12: Thursday, October 17



**Action Item Summary**  
**Team Meeting #12**  
**US 51 Bridge – Item 1-100.00 and 1-1140.00**  
Conference Call/Webinar  
October 17, 2013  
2:30 PM CDT

Project Team Meeting #12 for the US 51 Bridge project over the Ohio River was held over a conference call and webinar at 2:30 p.m. CDT on Thursday, October 17, 2013. The purpose of the meeting was to review ongoing tasks and deliverables and to discuss the upcoming Draft Alternative Selection Report submittal. Participants included:

Mike McGregor	KYTC District 1
Jessica Herring	KYTC District 1
Sreenu Gutti	KYTC Central Office Planning
Carrie Nelsen	IDOT
Aaron Stover	Michael Baker Jr., Inc.
Stephanie Blain	Palmer
John Mettille	CDM Smith
Len Harper	CDM Smith

The Team Meeting #12 Agenda, Updated Schedule, and the Draft Alternative Selection Report were provided to the team members prior to the call. A copy of the meeting materials, including the agenda, is attached. A summary of the key decisions and action items from this meeting are provided below.

**Key Decisions:**

- Costs for the 4-lane bridge estimate have been submitted. KYTC considers this task complete.
- CDM Smith submitted hard copies of the Final Public Meeting Summary Notebooks to KYTC. They are also available on the eRoom. The missing tear sheets were noted.
- The Agency Coordination Notebook will be submitted electronically with the Final Alternative Selection Report. It is currently available on the eRoom for review.
- The Draft Alternative Selection Report will be ready for DOT review in early November. CDM Smith will provide electronic files for review. KYTC and IDOT agreed to a two to four week review period.
- It was agreed that this would be the last Project Team Meeting for this phase of the project. All project related tasks are complete except the review and submittal of the Final Report.
- Both the KYTC District 1 Office and IDOT agreed this was an important project for the region and should be moved to the next phase of project development as soon as possible. The KYTC District 1 Office will request additional funding in next year's State Highway Plan. Ultimately it is up to the Kentucky Legislature to approve funding.

**Action Items:**

- CDM Smith
  - CDM Smith will submit the Draft Alternative Selection Report electronically to KYTC District 1, KYTC Central Office, IDOT, FHWA-KY, and FHWA-IL for review.
  
- KYTC/IDOT/FHWA
  - Review Draft Alternative Selection Report (2-4 week review period)
  
- Upcoming Submittals:
  - Draft Alternative Selection Report (November)
  - Final Alternative Selection Report (December)
  - DBE Participation Report (December)