

Comment Report: All Comments

Project: Fargo Moorhead Metro - Reach 4 Design by MVK

Review: 95% FTR - Consistency Review

Displaying 104 comments for the criteria specified in this report.

Id	Discipline	DocType	Spec	Sheet	Detail
5340240	Cultural Resources	Design Memorandum or Report	n/a	n/a	n/a

Comment Classification: **Public (Public)**

Coordinating Discipline(s): Environmental

Section 1.5, Project Overview -- Last paragraph on page 3 (starts "In accordance with the cultural...") -- Omit "the Rush River inlet area," from line 6 and add the following sentence to the end of the paragraph. "Construction monitoring at the Rush River inlet area is not necessary because the channelized river here crosses an area of Fargo soils which have little to no potential for deeply buried archaeological resources."

Submitted By: [Virginia Gnabasik](#) (651-290-5262). Submitted On: Sep 04 2013

1-0 Evaluation Concurred

The following verbage was omitted "the Rush River inlet area" and the following sentence was added "Construction monitoring at the Rush River inlet area is not necessary because the channelized river here crosses an area of Fargo soils which have little to no potential for deeply buried archaeological resources."

Submitted By: [Jonathan Boone](#) (601-631-5502) Submitted On: Nov 04 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5340243	Cultural Resources	Design Memorandum or Report	n/a	n/a	n/a
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Comment Classification: **Public (Public)**

Coordinating Discipline(s): Environmental

Section 3.1.5 Environmental Considerations on page 18 -- Add the following sentence to the end of the paragraph: "No cultural resources monitoring is needed for construction at the Rush River inlet area of Reach 4."

Submitted By: [Virginia Gnabasik](#) (651-290-5262). Submitted On: Sep 04 2013

1-0 Evaluation Concurred

The following sentence was added to para 3.1.5 "No cultural resources monitoring is needed for construction at the Rush River inlet area of Reach 4."

Submitted By: [Jonathan Boone](#) (601-631-5502) Submitted On: Nov 04 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5341273 Structural Plans n/a n/a n/a

Comment Classification: **Public (Public)**

The impact basin sticks up out of the ground general 3 feet or more. Hand rail is not needed on the sloping wall surfaces but a pointed cap should be added.

Submitted By: [Kent Hokens](#) (651-290-5584). Submitted On: Sep 04 2013

1-0 Evaluation Concurred

Pointed caps have been added to replace the handrails on the sloping wall surfaces.

Updated drawings were sent to the commenter for review.

Submitted By: [Marneshia Richard](#) (601-631-7055) Submitted On: Oct 21 2013

1-1 Backcheck Recommendation Close Comment

Drawings revised as stated.

Submitted By: [Kent Hokens](#) (651-290-5584) Submitted On: Oct 28 2013

Current Comment Status: **Comment Closed**

5341277 Structural Plans n/a n/a S-300

Comment Classification: **Public (Public)**

Drawings CS405 and CS406 indicated the slope above the wall extends only a short distance to a maintenance road bench.

Submitted By: [Kent Hokens](#) (651-290-5584). Submitted On: Sep 04 2013

1-0 Evaluation Concurred

S-300 has been modified to be consistent with what is being shown on CS405 and CS406.

Submitted By: [Marneshia Richard](#) (601-631-7055) Submitted On: Oct 03 2013

1-1 Backcheck Recommendation Close Comment

Drawings were revised.

Submitted By: [Kent Hokens](#) (651-290-5584) Submitted On: Oct 28 2013

Current Comment Status: **Comment Closed**

5341281 Structural Plans n/a n/a S-300

Comment Classification: **Public (Public)**

Reinforcing at the base of the stem is not shown in the optimum orientation. They should be turned inward as shown in supporting information in the attachment.

(Attachment: [T-Wall_Rebar_Details.pdf](#))

Submitted By: [Kent Hokens](#) (651-290-5584). Submitted On: Sep 04 2013

1-0 Evaluation Concurred

Reinforcing at the base of the stem is now shown at its optimum orientation (turned inward).

This correction has been made to reinforcing shown on S-300 & S-200.

Submitted By: [Marneshia Richard](#) (601-631-7055) Submitted On: Oct 03 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5341289 Structural Plans n/a n/a S-301

Comment Classification: **Public (Public)**

The height of the downstream end of the wingwall is not specified. It is shown on S-100 but that is not the best drawing to get detailed concrete dimensions.

Submitted By: [Kent Hokens](#) (651-290-5584). Submitted On: Sep 04 2013

1-0 Evaluation Concurred

The height of the downstream end of the wingwall is now specified on S-301.

Submitted By: [Marneshia Richard](#) (601-631-7055) Submitted On: Oct 03 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5346739 Civil Plans n/a CS603 n/a

Comment Classification: **Public (Public)**

Horizontal Control Plan: Suggest only show the control lines, remove background lines as they confuse the plan and are not necessary.

Submitted By: [Russell Fischer](#) (651-290-5464). Submitted On: Sep 09 2013

1-0 Evaluation For Information Only

To help add clarity, I made the background lines lighter and made the control lines darker so they would stand out more. I didn't want to completely remove the background lines as I think it is important to see where the control line is located with respect to each rock weir (i.e. the downstream top of slope on top of each rock weir).

Submitted By: [Michael Hanks](#) (314-331-8252) Submitted On: Sep 18 2013

1-1 Backcheck Recommendation Close Comment

Sounds great to me, plans look good. Comment closed.

Submitted By: [Russell Fischer](#) (651-290-5464) Submitted On: Nov 05 2013

Current Comment Status: **Comment Closed**

5351790 Specifications Specifications 01 22 00.11 13 n/a n/a

Comment Classification: **Public (Public)**

For Vol 1 & 3, paragraph 1.9.1: It appears that the paragraph was copied from the drawings. The last sentence should be edited to indicate that the chart is on the drawings (and not below as stated).

Submitted By: [Jeffrey Hansen](#) (651-290-5649). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Paragraph 1.9.1 (volume 1 and 3) has been revised such that it directs the contractor to the plans for determining topsoil depth.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Nov 06 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5351796 Specifications Specifications 01 22 00.11 13 n/a n/a

Comment Classification: **Public (Public)**

For Vol 2, paragraph 1.9.5: Delete references to B2 and B3.

Submitted By: [Jeffrey Hansen](#) (651-290-5649). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

deleted references to B2 and B3

Submitted By: [Linda Bolton](#) ((314)331-8273) Submitted On: Sep 17 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5351797 Specifications Specifications 01 22 00.11 13 n/a n/a

Comment Classification: **Public (Public)**

For Vol 2, paragraph 1.9.6: Delete references to "R20, R80, R140 and R270" and change to "R30".

Submitted By: [Jeffrey Hansen](#) (651-290-5649). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Changed to R30

Submitted By: [Linda Bolton](#) ((314)331-8273) Submitted On: Sep 17 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5351798 Specifications Specifications 01 22 00.11 13 n/a n/a

Comment Classification: **Public (Public)**

For Vol 2, paragraph 1.9.8: Delete paragraph for 60-inch Reinforced Concrete Pipe.

Submitted By: [Jeffrey Hansen](#) (651-290-5649). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

deleted paragraph

Submitted By: [Linda Bolton](#) ((314)331-8273) Submitted On: Sep 17 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5351801 Specifications Specifications 01 22 00.11 13 n/a n/a

Comment Classification: **Public (Public)**

For Vol 2, paragraphs 1.9.9 and 1.9.10: Delete references to "18-inch, 30-inch and 64x43-inch Arch" and change to "24-inch and 36-inch".

Submitted By: [Jeffrey Hansen](#) (651-290-5649). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

changed to 24-inch and 36-inch

Submitted By: [Linda Bolton](#) ((314)331-8273) Submitted On: Sep 17 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5351806 Specifications Specifications 01 22 00.11 13 n/a n/a

Comment Classification: **Public (Public)**

For Vol 2, paragraph 1.9.15: Delete paragraph as it does not appear that there are any Access Roads in Reach 4, Vol. 2.

Submitted By: [Jeffrey Hansen](#) (651-290-5649). Submitted On: Sep 12 2013

1-0 Evaluation Concurred
deleted paragraph

Submitted By: [Linda Bolton](#) ((314)331-8273) Submitted On: Sep 17 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5351807 Specifications Specifications 01 22 00.11 13 n/a n/a

Comment Classification: **Public (Public)**

For Vol 3: Add M&P paragraphs for the "18-inch Corrugated Steel Pipe" and the "18-inch Corrugated Steel Pipe Flared End Section".

Submitted By: [Jeffrey Hansen](#) (651-290-5649). Submitted On: Sep 12 2013

1-0 Evaluation Non-concurred

Those paragraphs are already included (see paragraphs 1.9.8 and 1.9.9 of Section 01 22 00.00 13)

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Nov 06 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5351820 Specifications Specifications 01 41 26.00 13 n/a n/a

Comment Classification: **Public (Public)**

For Vol 1 & 3: Delete the Attachment "Application for General Stormwater Permit for Construction Activity (MNR100001)". Add the STORMWATER POLLUTION PREVENTION PLAN (SWPPP) - SWPPP Template for the Fargo Moorhead Metropolitan Area Flood Risk Management Project (file name "01 41 26_00 13 SWPPP_FMM_ND_TEMPLATE_FINAL_07-16-13_appendics.pdf")

(Attachment:

[01_41_26_00_13_SWPPP_FMM_ND_TEMPLATE_FINAL_07-16-13_appendics.pdf](#))

Submitted By: [Jeffrey Hansen](#) (651-290-5649). Submitted On: Sep 12 2013

Revised Sep 12 2013.

1-0 Evaluation Concurred

The attachment has been replaced with the one provided template in volumes 1 and 3.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Nov 06 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5351823 Specifications Specifications 01 41 26.00 13 n/a n/a

Comment Classification: **Public (Public)**

For Vol 2: Delete the Attachment "Application for General Stormwater Permit for Construction Activity (MNR100001)".

Submitted By: [Jeffrey Hansen](#) (651-290-5649). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

deleted application attachment

Submitted By: [Linda Bolton](#) ((314)331-8273) Submitted On: Sep 17 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5351829 Specifications Specifications 01 50 02.00 13 n/a n/a

Comment Classification: **Public (Public)**

For Vol 1&3, paragraph 2.1.2: Change the PROJECT NAME to "FARGO-MOORHEAD REACH 4".

Submitted By: [Jeffrey Hansen](#) (651-290-5649). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

The project name has been changed to "FARGO-MOORHEAD REACH 4" in paragraph 2.1.2 of volumes 1 and 3 section 10 50 02.00 13.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Nov 06 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5351834 Specifications Specifications n/a n/a n/a

Comment Classification: **Public (Public)**

DIVISION 03: Are the concrete sections required in Volume 1 of 3? I did not see any concrete structures in the drawings. Delete Division 03 if not required.

Submitted By: [Jeffrey Hansen](#) (651-290-5649). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

No concrete sections are required in Volume 1. Divison 03 has been removed.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Nov 06 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5351840 Specifications Specifications 31 00 00.00 13 n/a n/a

Comment Classification: **Public (Public)**

For Vol 1&3, paragraph 1.2: Delete the Dewatering Plan under the Preconstruction Submittals. This now covered in SECTION 31 23 19.41 13.

Submitted By: [Jeffrey Hansen](#) (651-290-5649). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Earthwork specification has been revised and the dewatering plan submittal has been removed from section.

Submitted By: [Heather Sibley](#) (601-631-5917) Submitted On: Oct 07 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5351847 Specifications Specifications 31 00 00.00 13 n/a n/a

Comment Classification: **Public (Public)**

For Vol 1, 2 & 3, paragraph 3.13.2: Delete reference to "(Drain 29 and 30)" which are features in Reach 1.

Submitted By: [Jeffrey Hansen](#) (651-290-5649). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

The reference to Drain 29 and 30 has been removed from the specification for Volumes 1 and 3.

Submitted By: [Heather Sibley](#) (601-631-5917) Submitted On: Oct 07 2013

Backcheck not conducted

2-0 Evaluation Concurred

The reference to Drain 29 and 30 has been removed from the specification for Volume 2.

Submitted By: [Linda Bolton](#) ((314)331-8273) Submitted On: Oct 08 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5351948 Specifications Specifications 32 11 16.00 13 n/a n/a

Comment Classification: **Public (Public)**

For Vol 1&3, paragraph 3.7.1: Delete this paragraph and add a new paragraph 3.12.1 as follows:

3.12.1 Thickness Tolerances

Base Courses. 0.05 foot above or below prescribed thickness.

Submitted By: [Jeffrey Hansen](#) (651-290-5649). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Paragraph 3.7.1 has been removed and paragraph 3.12.1 has been added as follows:

"3.12.1 Thickness Tolerances

Base Courses: 0.05 foot above or below prescribed thickness."

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Nov 06 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5351952	Specifications	Specifications	33 40 01	n/a	n/a
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Comment Classification: **Public (Public)**

For Volume 1 of 3, delete references to items that appear not to be used in these reaches, i.e., concrete pipe, wall thimbles and any other items not used.

Submitted By: [Jeffrey Hansen](#) (651-290-5649). Submitted On: Sep 12 2013

Revised Sep 12 2013.

1-0 Evaluation Concurred

Paragraphs for Concrete Pipe, Wall Thimble, Concrete, CLSM, Mortar, and Concrete Pipe Hydrostatic testing have been removed from the Volume 1 specs section 33 40 01.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Nov 06 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5351972	Specifications	Specifications	35 31 19.00 13	n/a	n/a
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Comment Classification: **Public (Public)**

For Vol 1, 2 & 3, List of MATERIAL SOURCES: Change "Reach 1" to "Reach 4".

Submitted By: [Jeffrey Hansen](#) (651-290-5649). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Change has been requested.

Submitted By: [Raymond Wilson](#) (601-631-5738) Submitted On: Nov 04 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5351980 Specifications Specifications 35 31 19.00 13 n/a n/a
Comment Classification: **Public (Public)**

For Vol 1: It appears that R20 Riprap is used in Volume 1 of 3 and R30 Riprap is not used. Delete the R30 Riprap Gradation Curve and replace with the R20 Riprap Gradation Curve.

Submitted By: [Jeffrey Hansen](#) (651-290-5649). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Changes requested 10/30/13.

Submitted By: [Raymond Wilson](#) (601-631-5738) Submitted On: Oct 30 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5351989 Specifications Specifications 35 31 19.00 13 n/a n/a
Comment Classification: **Public (Public)**

Vol 3, It appears that R20 and R45 Riprap are used in Reach 4, Volume 3, and R30 Riprap is not used. Delete the R30 Riprap Gradation Curve and replace with the R20 and R45 Riprap Gradation Curves.

Submitted By: [Jeffrey Hansen](#) (651-290-5649). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Changes requested 10/30/13.

Submitted By: [Raymond Wilson](#) (601-631-5738) Submitted On: Oct 30 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5351993 Specifications Specifications 35 31 19.00 13 n/a n/a
Comment Classification: **Public (Public)**

For Vol 3, It appears that B2 Bedding is used in Reach 4, Volume 3, and not B1 Bedding. Delete the B1 Bedding Gradation Curve and replace with the B2 Bedding Gradation Curve.

Submitted By: [Jeffrey Hansen](#) (651-290-5649). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Changes requested 10/30/13.

Submitted By: [Raymond Wilson](#) (601-631-5738) Submitted On: Oct 30 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352139 Specifications Specifications BID SCHEDULE n/a n/a

Comment Classification: **Public (Public)**

For Vol 2: Bid Item 0002: It appears that the Stripping quantity shown in the Bid Schedule is to obtain all of the topsoil required to be placed. The stripping quantity should only be for areas under the Embedded Levees and any access roads. The Contractor will have to obtain the additional topsoil from the project limits and price it into the Topsoil bid item. The Contractor will not be paid to strip over the Diversion Channel Excavation or under the Excavated Material Berms (EMB).

Submitted By: [Jeffrey Hansen](#) (651-290-5649). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Quantities shown in the bid schedule are from the 65% submission. The 95% ATR submission was due on 8/26/13 and the 95% quantity takeoffs were due to the cost estimator on 9/3/13. The 95% quantities submitted to the cost estimator do only reflect stripping under the embedded levee as you've indicated. There are no access roads in Vol 2.

Submitted By: [Michael Hanks](#) (314-331-8252) Submitted On: Sep 16 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352141 Specifications Specifications BID SCHEDULE n/a n/a

Comment Classification: **Public (Public)**

For Vol 2: Bid Item 0022: Change "24-inch Corrugated Steel Pipe Flared End Section" to "36-inch Corrugated Steel Pipe Flared End Section".

Submitted By: [Jeffrey Hansen](#) (651-290-5649). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

changed 24 to 36

Submitted By: [Linda Bolton](#) ((314)331-8273) Submitted On: Sep 17 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352172 Specifications Specifications n/a n/a n/a

Comment Classification: **Public (Public)**

I have also provided courtesy comments to the PM for the Reach 4, Volumes 1, 2 & 3 specifications.

Submitted By: [Jeffrey Hansen](#) (651-290-5649). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Courtesy comments have been marked up for incorporation.

Submitted By: [Jonathan Boone](#) (601-631-5502) Submitted On: Nov 06 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352364	Design Team Leader	Design Memorandum or Report	n/a	n/a	n/a
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Comment Classification: **For Official Use Only (FOUO)**
([Document Reference: Section 10 Landscape and Recreation](#))

10.2 Page 28, paragraph 4. Recommend deleting this paragraph and list of key features. "While it is not being incorporated..." This isn't relevant to Reach 4. The key items listed for the Red River Hub are planned for the outlet area adjacent Reach 1.

Submitted By: [Renee McGarvey](#) (651-290-5640). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Section 10.2 paragraph 4 was deleted.

Submitted By: [Jonathan Boone](#) (601-631-5502) Submitted On: Nov 04 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352386	Design Team Leader	Plans	n/a	Volume 1, CS401	n/a
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Comment Classification: **For Official Use Only (FOUO)**
Coordinating Discipline(s): Civil

Please show the undulations for the existing Reach 3. Right now it is showing just the "base" right bank EMB contours for Reach 3.

Submitted By: [Renee McGarvey](#) (651-290-5640). Submitted On: Sep 12 2013

1-0 Evaluation Non-concurred

The undulations are not visible in the plan view shown on CS401. However, if this comment was meant for CS421, then the undulations have been turned on for that sheet.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Nov 13 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352398	Design Team Leader	Plans	n/a	Volume 1, CS424	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Civil

In section A (perpendicular to the channel), the 15' maint. rd is shown with the same width as the 30' maint. road buffer. Please revise.

Submitted By: [Renee McGarvey](#) (651-290-5640). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

The dimension for the 15' maintenance road buffer has been revised on sheet CS424 Section A.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Oct 07 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352430	Design Team Leader	Plans	n/a	Volume 2 cross sections	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Civil

Just a general note for the cross sections. The undulations look a bit severe in some of the sections. (see 448+00, 416+00 and 420+00) However, in plan view they look fine. This may be due to how the surface was imported. Please check the surface to make sure it looks okay.

Submitted By: [Renee McGarvey](#) (651-290-5640). Submitted On: Sep 12 2013

1-0 Evaluation For Information Only

The cross sections are vertically exaggerated by a factor of ten and possibly this causes some of the undulation slopes to look severe. The cross sections and plans match each other and both are representative of the design furnished by SRF. Also keep in mind that the plan view shows 2 ft contours. Max undulation slope at 416+00 and 448+00 is 1:6 and at 420+00 is 1:8. This falls within the range identified within the illustrative section (CS407) developed by SRF.

Submitted By: [Michael Hanks](#) (314-331-8252) Submitted On: Sep 17 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352436 Design Team Plans n/a Volume 2 CS405 and CS406 n/a
Leader

Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Civil

Missing sheet ID numbers in the references.

Submitted By: [Renee McGarvey](#) (651-290-5640). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Missing sheet ID numbers in the references have been added.

Submitted By: [Michael Hanks](#) (314-331-8252) Submitted On: Sep 16 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352449 Design Team Plans n/a Volume 3 CS421 n/a
Leader

Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Civil

Please show undulations as existing for Volume 2. The plans are showing just the base right bank emb contours for Volume 2.

Submitted By: [Renee McGarvey](#) (651-290-5640). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Undulations have been turned on for sheet CS421.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Nov 13 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352457 Design Team Plans n/a Volume 3 CS421-CS424 n/a
Leader

Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Civil

Add notes for LP and HP etc. and references. (see other volumes for examples)

Submitted By: [Renee McGarvey](#) (651-290-5640). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

LP and HP notes etc. and references have been added to Volume 3 CS421-CS424 as shown in other volumes.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Oct 07 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352465	Design Team Leader	Plans	n/a	Volume 3 CS423	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Civil

This sheet seems to be missing the site layout linework.

Submitted By: [Renee McGarvey](#) (651-290-5640). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

shite layout linework has been turned on on volume 3 sheet CS423.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Oct 07 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352502	Design Team Leader	Plans	n/a	Volume 3 CS407	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Structural

A railing MFR is being developed for Reach 1. This was in response to the sponsor and maintenace issues with having a railing perpendicular to the flow. Please coordinate railing design with Reach 1.

Submitted By: [Renee McGarvey](#) (651-290-5640). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Pointed caps have been added to replace the handrails on the sloping wall surfaces.

Updated drawings were sent to the commenter for review.

Submitted By: [Marneshia Richard](#) (601-631-7055) Submitted On: Oct 21 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352540	Design Team Leader	Plans	n/a	Volume 1 CS421-CS423	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Civil

Please turn off the contours for the right bank "base" EMB. The undulation contours are getting lost in all the linework and is inconsistent with the other volumes and reaches.

Submitted By: [Renee McGarvey](#) (651-290-5640). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Contours for the right bank base EMB have been turned off.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Nov 13 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352572	CAD-BIM	Plans	n/a	Volume 1: G-001 - signature sheet	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): CAD-BIM

Please remove the stationing that was added to the cover sheet.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 12 2013

Revised Sep 12 2013.

1-0 Evaluation Non-concurred

The stationing is helpful in distinguishing the volumes from one another. Additionally, this comment is in direct contradiction to comment number 5134244.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Oct 07 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352578	CAD-BIM	Plans	n/a	volume 1: CS101	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): CAD-BIM

minimize text crossing text. Call-outs are crossing stationing text.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 12 2013

Revised Sep 12 2013.

1-0 Evaluation Concurred

Call-outs on sheet CS101 of volume 1 have been moved such that crossing text is minimized. They are no longer crossing stationing text.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Oct 07 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352582 CAD-BIM Plans n/a n/a n/a

Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): CAD-BIM

Call-outs shall be left justified.

CS102, CS201 (volume 1)

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 12 2013

Revised Sep 12 2013.

1-0 Evaluation Concurred

Callouts have been corrected to be left justified on sheets CS102 and CS201 of volume 1.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Oct 07 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352590 Design Team Leader Plans n/a Volume 1, CS423 n/a

Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Civil

Please show undulations for the bridge reach.

Submitted By: [Renee McGarvey](#) (651-290-5640). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Undulations for the bridge reach have been turned on for sheet CS423.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Nov 13 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352606 CAD-BIM Plans n/a volume 1 & 3: CS300 series n/a

Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): CAD-BIM

labels are missing for ditches at both toes. For undilation areas, identify the max slope. (see reach 1 for an example).

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 12 2013

Revised Sep 12 2013.

Evaluation not conducted

5352614	Design Team Leader	Plans	n/a	Volume 1 CS102	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Civil

please show undulation contours for bridge reach.

Submitted By: [Renee McGarvey](#) (651-290-5640). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

The undulation contours for the bridge reach have been turned on for sheet CS102.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Nov 13 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352618	CAD-BIM	Plans	n/a	volume 1 & 3: CS400 series undilation	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): CAD-BIM

the contour text is the incorrect text size. contro line station is incorrect text size. Please clarify elevation siwth circles.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 12 2013

Revised Sep 12 2013.

1-0 Evaluation Concurred

The contour text size has been corrected. The incorrectly sized control line stationing has been turned off.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Oct 29 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352620 CAD-BIM Plans n/a Volume 1: CS600 series n/a

Comment Classification: **For Official Use Only (FOUO)**
Coordinating Discipline(s): CAD-BIM

work limit tables missing

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 12 2013

Revised Sep 12 2013.

1-0 Evaluation Concurred

Work limit table has been added to sheet CS604.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Nov 07 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352629 CAD-BIM Plans n/a Volume 2: CS101 & CD101 n/a

Comment Classification: **For Official Use Only (FOUO)**
Coordinating Discipline(s): CAD-BIM

the work limit lines go outside of the plan view box. if the information is on another sheet add SEE SHEET.... (similar to a match line but is a see line. see reach 1 for example).

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 12 2013

Revised Sep 12 2013.

1-0 Evaluation Concurred

'See Lines' like those used for Reach 1 have been added to CS101 & CD101.

Submitted By: [Michael Hanks](#) (314-331-8252) Submitted On: Oct 07 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352635 CAD-BIM Plans n/a Volume 2: CS102 n/a

Comment Classification: **For Official Use Only (FOUO)**
Coordinating Discipline(s): CAD-BIM

floating text outside of border near coordinate D-3.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Floating text has been deleted.

Submitted By: [Michael Hanks](#) (314-331-8252) Submitted On: Sep 16 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352636	CAD-BIM	Plans	n/a	Volume 2: CS300 series	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): CAD-BIM

the scale bars for the typical sections are overlapping (text).

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Spacing between horizontal and vertical scale bars has been increased.

Submitted By: [Michael Hanks](#) (314-331-8252) Submitted On: Sep 16 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352639	CAD-BIM	Plans	n/a	Volume 2: CS502	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): CAD-BIM

profile grid should be 1" grid on full size sheet.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Profile grid has been modified to a 1" grid (full size sheet) as suggested.

Submitted By: [Michael Hanks](#) (314-331-8252) Submitted On: Sep 18 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352644	CAD-BIM	Plans	n/a	Volume 3: C-101	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): CAD-BIM

duplicate view title floating near coordinate A-5.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

The duplicate view title has been removed.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Oct 29 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352645 CAD-BIM Plans n/a Volume 3: CS101 n/a

Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): CAD-BIM

utility text incorrect size.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

The utility information that was displayed at the incorrect text size has been turned off.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Oct 29 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352650 CAD-BIM Plans n/a Volume 3: CS405 n/a

Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): CAD-BIM

call-out dashed lines (near coordinat A-2) use mask text to clarify call-outs and dimensions, text.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

A call-out has been added for all lines on CS405, and text background has been turned on.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Oct 29 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352655 CAD-BIM Plans n/a Volume 3: CS424 n/a

Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): CAD-BIM

missing titleblock text

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

The title block text has been corrected on CS424.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Nov 13 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352660 CAD-BIM Plans n/a Volume 3: CS501 n/a

Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): CAD-BIM

duplicate detail numbers used. not scale indicated on detail 3.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Detail numbers have been corrected. "Not to scale" has been indicated on levee benching detail.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Oct 29 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352669 Civil Plans n/a VOL 1: CS101 & CS103 n/a

Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Geotechnical

The auger boring locations need to be placed on the drawings.

Submitted By: [Kurt Heckendorf](#) (651-290-5411). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Auger borings have been added to CS101 and CS102 (there is no CS103, so I assume you meant CS102).

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Nov 13 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352674 Geotechnical Plans n/a VOL 2: B-201 thru B-203 n/a

Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Geotechnical

The grid lines should not go through the descriptions. Please revise.

Submitted By: [Kurt Heckendorf](#) (651-290-5411). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Grid lines have been revised to eliminate all crossings through descriptions.

Submitted By: [Michael Hanks](#) (314-331-8252) Submitted On: Sep 18 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352677	Civil	Plans	W1	VOL 2: CS502	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Geotechnical

Riprap callout of R7 is incorrect. Please revise.

Submitted By: [Kurt Heckendorf](#) (651-290-5411). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Riprap callout has been corrected from R7 to R30.

Submitted By: [Michael Hanks](#) (314-331-8252) Submitted On: Sep 16 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352678	Civil	Plans	n/a	VOL 2: CS203	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Geotechnical

Geotextile should be included beneath the bedding.

Submitted By: [Kurt Heckendorf](#) (651-290-5411). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Geotextile has been added beneath the bedding.

Submitted By: [Michael Hanks](#) (314-331-8252) Submitted On: Nov 05 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352680	Civil	Plans	n/a	VOL 3: CS405	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Geotechnical

Riprap callout of R200 is incorrect. Please revise.

Submitted By: [Kurt Heckendorf](#) (651-290-5411). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

The R200 callout has been revised to read R45.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Oct 29 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352681	Civil	Plans	n/a	VOL 3: CS101 & CS102	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Geotechnical

The auger boring locations need to be placed on the drawings.

Submitted By: [Kurt Heckendorf](#) (651-290-5411). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

The auger borings have been added to sheets CS101 and CS102.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Nov 13 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352682	Structural	Plans	n/a	VOL 3: S-100	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Geotechnical

Please indicate more clearly where CLSM and pipe bedding is to be used along the R4 Drain pipes. Please refer to R1 SS201.

Submitted By: [Kurt Heckendorf](#) (651-290-5411). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Limits for the CLSM and pipe bedding are now indicated on S-100 as shown on SS201 of the Reach 1 plan set.

Submitted By: [Marneshia Richard](#) (601-631-7055) Submitted On: Oct 03 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352687 Specifications Specifications VOL 2 & 3: 01 00 n/a n/a
00.00 13

Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Geotechnical

Do not need the reference to CPT data (3.4) as there are not CPTs to include.

Submitted By: [Kurt Heckendorf](#) (651-290-5411). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Paragraphs 3.4, 3.4.1, and 3.4.2 that reference cone penetration tests have been marked up for incorporation into the specs.

Submitted By: [Jonathan Boone](#) (601-631-5502) Submitted On: Nov 06 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352689 Specifications Specifications VOL 1, 2 & 3: 31 n/a n/a
00 00.00 13

Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Geotechnical

Please refer to the latest version of the Reach 1 Earthwork Specification and make sure that the Reach 4 Earthwork Specification is the same. Examples: Use Winter Operations instead of Winter Construction; the paragraph of Excavation during winter construction needs to be revised.

Submitted By: [Kurt Heckendorf](#) (651-290-5411). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Reach 4 volume 1 and 3 specification has been updated to match the current Reach 1 specification including Winter Operations instead of Winter Construction.

Submitted By: [Heather Sibley](#) (601-631-5917) Submitted On: Oct 07 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352691 Specifications Specifications VOL 1 & 2: 31 00 n/a n/a
00.00 13

Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Geotechnical

Is there a need to have the dewatering plan submittal in both the Earthwork and Dewatering sections? Probably can be taken care of in the Dewatering section.

Submitted By: [Kurt Heckendorf](#) (651-290-5411). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Dewatering plan submittal has been removed from the earthwork specification for Volume 1 and 3.

Submitted By: [Heather Sibley](#) (601-631-5917) Submitted On: Oct 07 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352693	Specifications	Specifications	VOL 1: 31 00 00.00 13	n/a	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Geotechnical

3.13.2

Refers to Drain 29 and 30 which are in R1. Please revise accordingly to be specific to R4.

Submitted By: [Kurt Heckendorf](#) (651-290-5411). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Reference to Drain 29 and 30 has been removed from the section.

Submitted By: [Heather Sibley](#) (601-631-5917) Submitted On: Oct 07 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352699	Specifications	Specifications	VOL 1: 35 31 19.00 13	n/a	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Geotechnical

2.2

Volume 1 requires only R20, the other riprap references can be deleted. The gradation curve for R20 needs to be included at the end.

Submitted By: [Kurt Heckendorf](#) (651-290-5411). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Changes requested 10/30/13.

Submitted By: [Raymond Wilson](#) (601-631-5738) Submitted On: Oct 30 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352701	Specifications	Specifications	VOL 1: 35 31 19.00 13	n/a	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Geotechnical

2.3

Volume 1 does not require any bedding, so it could be indicated as such. The gradation curves at the end should be deleted.

Submitted By: [Kurt Heckendorf](#) (651-290-5411). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Changes requested 10/30/13.

Submitted By: [Raymond Wilson](#) (601-631-5738) Submitted On: Oct 30 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352702	Specifications	Specifications	VOL 2: 35 31 19.00 13	n/a	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Geotechnical

2.2

Volume 3 requires R20 and R45 riprap, please revise accordingly. Also, include these gradation curves at the end. Delete all other gradation references.

Submitted By: [Kurt Heckendorf](#) (651-290-5411). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Changes requested 10/30/13.

Submitted By: [Raymond Wilson](#) (601-631-5738) Submitted On: Oct 30 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352703	Specifications	Specifications	VOL 2: 35 31 19.00 13	n/a	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Geotechnical

2.3

Volume 3 requires Bedding B2 only, the other bedding references can be deleted. The gradation curve for B2 needs to be included at the end.

Submitted By: [Kurt Heckendorf](#) (651-290-5411). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Changes requested 10/30/13.

Submitted By: [Raymond Wilson](#) (601-631-5738) Submitted On: Oct 30 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352755	Civil	Plans	n/a	CD101	n/a
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Comment Classification: **Public (Public)**
([Document Reference: VOLUME 1](#))

Remove "Diversion Authority" from note 1. Say they will be removed by "by others". Recommend using the demo notes from reach 1 for consistency. Reach 1 notes make it clear that excavations will be temporarily filled, and what the contractor needs to do if they encounter abandoned wells.

Submitted By: [Gary Wolf](#) (651-290-5288). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

"DIVERSION AUTHORITY" has been removed. The note now reads "other contractors will remove..." However, the three notes shown on these demolition sheets were copied directly from the Post FTR Reach 1 submittal (including the wording about the Diversion Authority). There aren't any notes on the Reach 1 demolition sheets that talk about excavations or what to do if a contractor encounters abandoned wells.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Nov 13 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352756	Civil	Plans	n/a	CD101	n/a
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Comment Classification: **Public (Public)**
([Document Reference: VOLUME 1](#))

What does the Reach 4 contractor do with the existing embankment that is shown underneath the right bank EMB? Is that to be removed by the contractor? Does the contractor need to strip underneath prior to placing EMB material? Where does the contractor place this material? Please add a note explaining this.

Submitted By: [Gary Wolf](#) (651-290-5288). Submitted On: Sep 12 2013

Evaluation not conducted

5352757	Civil	Plans	n/a	CS101	n/a
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Comment Classification: **Public (Public)**
(Document Reference: [VOLUME 1](#))

Consider adding a note to the plan sheet that states that a temporary earthen barrier is required between Reach 4 diversion channel and Reach 3. Understand this is stated in 01 14 00.00 13, but a callout would bring this important requirement to the contractors attention.

Submitted By: [Gary Wolf](#) (651-290-5288). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

The following annotation has been added to CS101: "TEMPORARY DOWNSTREAM BARRIER REQUIRED (SEE SPEC SECTION 01 14 00.00 13)."

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Nov 13 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352759	Civil	Plans	n/a	CS101	n/a
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Comment Classification: **Public (Public)**
(Document Reference: [VOLUME 1](#))

Label left and right bank drainage ditches. Does the Reach 4 contractor have to construct the right bank drainage ditch, or is the ditch constructed by others considered the final ditch and should be protected in place? Please clarify.

Submitted By: [Gary Wolf](#) (651-290-5288). Submitted On: Sep 12 2013

Evaluation not conducted

5352760	Civil	Plans	n/a	CS201	n/a
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Comment Classification: **Public (Public)**
(Document Reference: [VOLUME 1](#))

Need to add detail bubble showing where the levee benching detail on CS/501 applies.

Submitted By: [Gary Wolf](#) (651-290-5288). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

Detail bubbles have been added to CS501 where the levee benching detail applies.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Oct 29 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352761	Civil	Plans	n/a	CS201	n/a
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Comment Classification: **Public (Public)**
(Document Reference: [VOLUME 1](#))

Show Reach 3 levee slope as existing ground on the profile, similar to the 1:7 Reach 3 channel slope. Label as "proposed work by others"

Submitted By: [Gary Wolf](#) (651-290-5288). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

"Proposed Reach 3 levee grade" has been added to the Profile on CS201.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Nov 13 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352762	Civil	Plans	n/a	CS301	n/a
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Comment Classification: **Public (Public)**
(Document Reference: [VOLUME 1](#))

Typical section A does not apply to transition areas. Change station range on typical section A to 351+00-400+00, and add a note that states that the 350+00-351+00 and 400+00-403+47 are transition areas.

Submitted By: [Gary Wolf](#) (651-290-5288). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

The station range has been updated and a note has been added that 350+00 to 351+00 and 400+00 to 403+47 are transition areas.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Nov 13 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5352763	Civil	Plans	n/a	CS300 Series-100' sections	n/a
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Comment Classification: **Public (Public)**
(Document Reference: [VOLUME 1](#))

Need to show the levee on the 100' sections.

Submitted By: [Gary Wolf](#) (651-290-5288). Submitted On: Sep 12 2013

1-0 Evaluation Concurred

The levee is shown on the 100 ft cross sections. (There was a version on ProjectWise for about two hours on the first day of the review that didn't have the levee shown. It was replaced with an updated version, but you might have gotten that original copy.)

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Oct 29 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5353417 CAD-BIM Plans n/a Volume 1 & 3: RR101 & RR102 n/a

Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Real Estate

The construction limit linestyle is labeled as design footprint in the legend.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 13 2013

1-0 Evaluation Concurred

The legend has been corrected. That linestyle is now labeled as construction limit.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Oct 29 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5353420 CAD-BIM Plans n/a Volume 1 & 3: RR101 & RR102 n/a

Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Real Estate

The datum note is missing the CSF. note that RR102 in volume 1 has it but it is floating.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 13 2013

1-0 Evaluation Concurred

The CSF has been corrected in the datum notes on the RR10X sheets in volumes 1 and 3.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Oct 29 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5353422 CAD-BIM Plans n/a Volume 1 & 3: RR101 & RR102 n/a

Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Real Estate

the design footprint is not displayed in the plan views.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 13 2013

1-0 Evaluation Concurred

The design footprint has been turned on in the plan views of the real estate drawings.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Oct 29 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5353531	CAD-BIM	Plans	n/a	Volume 1: temporary easement table	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Real Estate

The temporary is a loop. The loop is to define the area within that is temporary easement. The loop defined here is temporary and fee title. The loop should go back along the construction easement to define the temporary easement area.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 13 2013

Evaluation not conducted

5353532	CAD-BIM	Plans	n/a	Volume 1: RR601	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Real Estate

fill not turned on

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 13 2013

1-0 Evaluation Concurred

Fill has been turned on for sheet RR601.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Oct 29 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5353534	CAD-BIM	Plans	n/a	Volume 3: RR001	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Real Estate

There seems to be 2 lines on top of each other for the easement lines.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 13 2013

1-0 Evaluation Concurred

The incorrect line has been turned off.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Oct 29 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5353536	CAD-BIM	Plans	n/a	Volume 3: RR101	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Real Estate

Point labels text shall be horizontal to the sheet.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 13 2013

1-0 Evaluation Concurred

Point labels have been rotated to be horizontal to the sheet.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Oct 29 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5353539	CAD-BIM	Plans	n/a	Volume 3: RR101	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Real Estate

since utility easement is not part of this project, recommend turning off the utility lines. Otherwise if required, they need to be added to the legend.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 13 2013

1-0 Evaluation Concurred

Utility lines have been turned off.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Oct 29 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5353555	CAD-BIM	Plans	n/a	Volume 3: RR101	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Real Estate

work limit call-out is not used on the real estate maps.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 13 2013

1-0 Evaluation Concurred

The work limit callout has been removed.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Oct 29 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5353557	CAD-BIM	Plans	n/a	Volume 3: RR102	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Real Estate

drawing coordinate near B-2 - there seems to be a floating dashed line.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 13 2013

1-0 Evaluation Concurred

The floating dashed line has been removed.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Oct 29 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5353559	CAD-BIM	Plans	n/a	Volume 3: RR601	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Real Estate

temporary easement table does not have affixes for the point id.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 13 2013

1-0 Evaluation Concurred

Affixes for the temporary easement table have been added.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Nov 07 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5353562 CAD-BIM Plans n/a Volume 2 & 3: RR102 & RR101, respectively n/a

Comment Classification: **For Official Use Only (FOUO)**
Coordinating Discipline(s): Real Estate

There should be common points between volumen2 & volume 3 just as there are common points between reaches. See reach 1 & reach 2 for the example.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 13 2013

Evaluation not conducted

5353564 CAD-BIM Plans n/a Volume 2 RR101 & RR102 n/a

Comment Classification: **For Official Use Only (FOUO)**
Coordinating Discipline(s): Real Estate

The design footprint is not the same line thickness as the legend.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 13 2013

1-0 Evaluation Concurred

The design footprint has been changed to be the same line thickness as shown in the legend.

Submitted By: [Michael Hanks](#) (314-331-8252) Submitted On: Sep 17 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5353570 CAD-BIM Plans n/a Volume 2 RR101 & RR102 n/a

Comment Classification: **For Official Use Only (FOUO)**
Coordinating Discipline(s): Real Estate

The prefix is not shown on the stationing for the rush river structure alignment.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 13 2013

1-0 Evaluation Concurred

The prefix has been added to the stationing for the Rush River drop structure alignment.

Submitted By: [Michael Hanks](#) (314-331-8252) Submitted On: Sep 17 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5353575 CAD-BIM Plans n/a Volume 2 RR101 n/a

Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Real Estate

There seems to be 2 lines along the construction easement. This is probably the county road 32 easement and will be resolved when this is not displayed.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 13 2013

1-0 Evaluation Concurred

The County Road 32 easement boundary has been removed as requested.

Submitted By: [Michael Hanks](#) (314-331-8252) Submitted On: Oct 28 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5353581	CAD-BIM	Plans	n/a	Volume 2 RR101	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Real Estate

What easement is in the area of station 414+00?

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 13 2013

1-0 Evaluation For Information Only

In the area of station 414+00 is the permanent easement that will be purchased as part of the CR32 bridge reach that includes 1000 ft of diversion channel and will be constructed prior to Reach 4.

Submitted By: [Michael Hanks](#) (314-331-8252) Submitted On: Oct 07 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5353585	CAD-BIM	Plans	n/a	Volume 2 RR601	n/a
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Comment Classification: **For Official Use Only (FOUO)**

Coordinating Discipline(s): Real Estate

There is a cell representing the data table when using radial information.

Submitted By: [Chris Afdahl](#) (651-290-5712). Submitted On: Sep 13 2013

1-0 Evaluation Concurred

The tables have been updated using the radial information cell referenced in your comment.

Submitted By: [Michael Hanks](#) (314-331-8252) Submitted On: Oct 29 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5354313 Civil Plans n/a CS101 n/a

Comment Classification: **Public (Public)**
([Document Reference: VOLUME 2](#))

What does the Reach 4 contractor do with the existing embankment that is shown underneath the right bank EMB? Is that to be removed by the contractor? Does the contractor need to strip underneath prior to placing EMB material? Where does the contractor place this material? Please add a note explaining this.

Submitted By: [Gary Wolf](#) (651-290-5288). Submitted On: Sep 13 2013

1-0 Evaluation Concurred

The following note has been added to CS307-CS313:

"4. ADJACENT TO RIGHT BANK DRAINAGE DITCH, PORTION OF EXISTING EMBANKMENT PILE BELOW THE PROPOSED GRADE TO BE USED IN PLACE AND PORTION ABOVE THE PROPOSED GRADE TO BE REMOVED. SURFACE OF EXISTING EMBANKMENT PILE TO BE SCARIFIED PRIOR TO PLACEMENT OF ADJACENT EMB FILL TO ENHANCE THE BONDING BETWEEN THE TWO MATERIALS."

In addition, HMG has been asked to make it clear in the CR32 plans and specs that the embankment pile resulting from the excavation of the right bank drainage ditch should be placed per the regional EMB specification.

Submitted By: [Michael Hanks](#) (314-331-8252) Submitted On: Oct 28 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5354315 Civil Plans n/a CS101 n/a

Comment Classification: **Public (Public)**
([Document Reference: VOLUME 2](#))

It is not clear what the expectations are for handling water from the Rush River while the structure is being constructed. Will there need to be a temporary reroute?

Submitted By: [Gary Wolf](#) (651-290-5288). Submitted On: Sep 13 2013

1-0 Evaluation Concurred

No temporary reroute will be needed as discussed by phone. The following note has been added to CS101 to provide greater clarity on expectations for handling water: "6. THE PORTION OF THE PROJECT NORTH OF THE EXISTING RUSH RIVER SIDE BERM, INCLUDING THE RUSH RIVER REALIGNMENT, DROP STRUCTURE AND DOWNSTREAM DIVERSION CHANNEL, IS TO BE COMPLETED PRIOR TO MAKING CONNECTION WITH THE EXISTING RUSH RIVER CHANNEL. RUSH RIVER FLOWS TO REMAIN IN THE EXISTING CHANNEL AND EXISTING SIDE BERM ELEVATIONS TO REMAIN UNDISTURBED PRIOR TO ESTABLISHING CONNECTION WITH THE RUSH RIVER REALIGNMENT IN ORDER TO MAINTAIN LOCAL DRAINAGE AND PROTECTION AT ALL TIMES THROUGHOUT CONSTRUCTION OF THE PROJECT."

Submitted By: [Michael Hanks](#) (314-331-8252) Submitted On: Nov 06 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5354318	Civil	Plans	n/a	CS101	n/a
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Comment Classification: **Public (Public)**

([Document Reference: VOLUME 2](#))

Are any field drain inlets needed in Volume 2? LDN25+00?

Submitted By: [Gary Wolf](#) (651-290-5288). Submitted On: Sep 13 2013

1-0 Evaluation For Information Only

No field drains are anticipated to be needed at this time. A field drain would be needed at approx LDN 7+00; however, material placed into the excavated material pile will fill the area that drains into this swale. Regarding LDN 25+00, there is high ground under the LDN 24+00 label on CS101 that appears to separate the swale into two pieces, one that drains north toward CR32 and one that drains toward the Rush. Only a small beginning of swale segment near LDN 25+00 will remain that will drain into the local drainage ditch and it will not carry enough water to require a protected field drain.

Submitted By: [Michael Hanks](#) (314-331-8252) Submitted On: Nov 13 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5354320	Civil	Plans	n/a	CS201	n/a
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Comment Classification: **Public (Public)**

([Document Reference: VOLUME 2](#))

Ensure that the tie in elevation to the existing Rush River has been coordinated with all appropriate local watershed/drainage districts.

Submitted By: [Gary Wolf](#) (651-290-5288). Submitted On: Sep 13 2013

1-0 Evaluation Concurred

10/4/13 email from Lee Beauvais (Moore Engineering) to Aaron Buesing confirmed the following: "At the direction of the Rush River WRD, Mike sent a survey crew out to verify the elevation of the Rush and Lower Rush channels at the diversion locations. The elevations are very close to those shown in the USACE plans."

Submitted By: [Michael Hanks](#) (314-331-8252) Submitted On: Oct 15 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5354323	Civil	Plans	n/a	CS201	n/a
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Comment Classification: **Public (Public)**
([Document Reference: VOLUME 2](#))

Show Reach CR32 levee slope as existing ground on the profile, similar to the 1:7 Reach 3 channel slope. Label as "proposed work by others"

Submitted By: [Gary Wolf](#) (651-290-5288). Submitted On: Sep 13 2013

1-0 Evaluation Concurred

CR32 embedded levee shown on profile and detail bubble added to reference levee benching detail as was done at CR24 for Reach 1.

Submitted By: [Michael Hanks](#) (314-331-8252) Submitted On: Oct 28 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5354507	Civil	Plans	n/a	CS101	n/a
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Comment Classification: **Public (Public)**
([Document Reference: VOLUME 3](#))

Dont see the control table anywhere for the field drain inlets shown on CS101 and CS102.

Submitted By: [Gary Wolf](#) (651-290-5288). Submitted On: Sep 13 2013

1-0 Evaluation Non-concurred

The field drain inlet table is shown in area C 4-5 of sheet CS603.

Submitted By: [Colby Bankston](#) (601-631-5327) Submitted On: Nov 07 2013

Backcheck not conducted

Current Comment Status: **Comment Open**

5354509	Civil	Plans	n/a	CS405	n/a
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Comment Classification: **Public (Public)**
(Document Reference: [VOLUME 3](#))

Ensure that the tie in elevation to the existing drain has been coordinated with all appropriate local watershed/drainage districts.

Submitted By: [Gary Wolf](#) (651-290-5288). Submitted On: Sep 13 2013

Evaluation not conducted

5356384	Civil	Plans	n/a	n/a	n/a
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Comment Classification: **Public (Public)**

There is a discrepancy between Volume 2 (FMMDR4_FTR_ATR_VOL2_PLANS.pdf) and Volume 3 (FMMDR4_FTR_ATR_VOL3_PLANS.pdf) for the top of channel and embedded levee shown on the profiles.

The Top of Channel for Volume 2 at Sta. 456+00 is identified at elevation 889.63, whereas Volume 3 identifies the elevation at 890.13.

The Embedded Levee top for Volume 2 at Sta. 456+00 is identified at elevation 896.08, whereas Volume 3 is identifies the elvation at 895.67.

Submitted By: [Christine Moss](#) ((651) 290-5025). Submitted On: Sep 16 2013

Evaluation not conducted

Public / SBU / FOUO
Patent 11/892,984 [ProjNet](#) property of ERDC since 2004.
