

CENTER FOR TRANSPORTATION RESEARCH

Abstract

The District Design Office reviews plans from various District offices at 30, 60, 90% completion and before letting. Comments on each plan sheet are tracked manually. UT-CTR is developing a Plan Comments Management Tool to ensure comments are properly tracked and addressed. The tool provides a user-friendly interface and features such as sorting, filtering and reporting.



Development of Detailed Plan Review Management Tool Presenter: Taehoon Lim, Mike Murphy, Ph.D., and Khali Persad, Ph.D.

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		(STR 1202-3-1	.2)	30% Review:
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Management of Review Comments

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5 6 7 8 9 10 11 12	Hui Wu John Constar Taehoon Lin Hui Wu John Constar Hui Wu John Constar Taehoon Lin	n Student Research nti Manager Research nti Manager	DDO ECJ CTR DDO	Bridge Sheets Removal Sheet Title Sheet SW3P Sheet Removal Sheet SW3P Sheet Bridge Sheets SW3P Sheet	20 s 55 34 22 s 46 88	Incorrect Standard Sheet Update General Note Incorrect Standard Sheet K Value not meeting Incorrect Standard Sheet K Value not meeting Incorrect Standard Sheet Update General Note	Typo Update needed Typo Review needed Typo Check the value again Wrong sheet Some paragraphs are missing		3/17/15 10:37 PN 3/18/15 10:37 PN 3/19/15 10:37 PN 3/20/15 10:37 PN 3/27/15 10:37 PN 3/27/15 10:37 PN 3/27/15 10:37 PN 3/27/15 10:37 PN	Not reviewed Not reviewed Not reviewed Not reviewed Not reviewed Not reviewed Not reviewed Not reviewed
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Report Preparation

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nformation		091419022 BTAO	F	Review	iew Schedule 3/6/2	2015					
Design Office :				60% Review	4/7/2	2015					
	County Route	Gillespie CR		90% Review Final Review	5/8/2 8/18/2	2015					
		ON OLD SAN ANTONIO AT PE STR AA0119002	DERNALES								
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	Letting Date	2014-02									
eet Title	Review Comments	1									
	No.	Reviewer Name	Title	Design Office	Plan Sheet Title	Plan Sheet No.	Comment	Response	File Uploaded	Review Time	Status
	1	Taehoon Lim	Student	ECJ ECJ	Title Sheet	1	Information Missing Information Missing	Typo Error		3/1/2015 22:37 3/1/2015 22:37	Not reviewed
	2 3	Taehoon Lim John Constantine	Student Manager	DDO	Typical Section Bridge Sheets	13	Quantity Incorrect	Check the calculation		3/3/2015 22:37	Not reviewed Not reviewed
	4	Taehoon Lim	Student	ECJ	Title Sheet	15	K Value not meeting	789		3/4/2015 22:37	Not reviewed
	5	Hui Wu	Researcher	CTR	Bridge Sheets	20	Incorrect Standard Sheet	Туро		3/17/2015 22:37	Not reviewed
	6	John Constantine	Manager	DDO	Removal Sheets	55 34	Update General Note	Update needed		3/18/2015 22:37	Not reviewed
icroso (Excel	7	Taehoon Lim Hui Wu	Student Researcher	ECJ CTR	Title Sheet SW3P Sheet	34 22	Incorrect Standard Sheet K Value not meeting	Typo Review needed		3/19/2015 22:37 3/20/2015 22:37	Not reviewed Not reviewed
	9	John Constantine	Manager	DDO	Removal Sheets	46	Incorrect Standard Sheet	Туро		3/27/2015 22:37	Not reviewed
	10	Hui Wu	Researcher	CTR	SW3P Sheet	88	K Value not meeting	Check the value again		3/27/2015 22:37	Not reviewed
	11 12	John Constantine Taehoon Lim	Manager Student	ECJ DDO	Bridge Sheets SW3P Sheet	12	Incorrect Standard Sheet Update General Note	Wrong sheet Some paragraphs are missing		3/27/2015 22:37 3/27/2015 22:37	Not reviewed Not reviewed
Z:\Box Sync\10_Work\IAC\E rocess 1419022.pdf	12	raenoon Linn	Student	555	Swar Sheet	5	opuare General Note	Some paragraphs are missing		5/27/2015 22.57	Notreviewed

Expected Contributions

• Reduce manual labor of reviewers • Store and organize review comments electronically • Help reviewers to create a report • Improve overall efficiency of review process

collaborate. innovate. educate.