Date: August 3, 2015

Reviewer/ Representing: Andrew Beyer, Utilities

Project:
2788-00-01/71 Waukesha Bypass
(Summit Avenue to Genesee Road)
Waukesha County

Submittal: 60% Plans

Project Manager: Doug Cain

Designer: CH2MHILL

* **Designer's Response Code:**
A = Agree Completely; will revise (no written response required)
RFS = Requires Further Study in next design phase (no written response required)
P = Agree Partially...Will revise to some degree (see written response)

Issue No.	Location (Sheet number/type, road name and/or station)	Reviewer — Review Comments	Designer — Response Code *	Designer — Response	Markup Complete
1	p. 1/463	"Order of Sheets" not consistent with plan set.			
2	p. 1/463	Project limits are inconsistent with FIIPS data. Should read "Summit Avenue to Genesee Road"			
3	p. 1/463	State project ID reads "2788-01-00" should read "2788-00-71"			
4	p. 2-4/463	Project No. reads "2788-01-00" should read "2788-00-71"			
5	p. 3/463	See markup of utility contacts			
6	p. 4/463	Design Index not consistent with plan set.			
7	p. 68-88/463	R/W Plat Project Number and Construction Project Number is inconsistent throughout plat in plan set.			
8	General	70% plans to utilities should include (if applicable): preliminary structure plans, loop detector locations, EBS, signal base type, lighting plan, culvert pipes and end walls, large signs			
9	General	Ensure that all utility lines are visible on all plan/profile sheets.			

Issue No.	Location (Sheet number/type, road name and/or station)	Reviewer Review Comments	Designer Response Code *	Designer Response	Markup Complete
10	p.38/463	Correct linetype scale. Utility lines are difficult to identify.			
11	p.91/463	Gas line stops short of slope intercept ~ STA 109+25 RT; Ensure layer has been turned on.			
12	p.94/463	Electric line stops abruptly in roadway ~ 112+25 RT; ensure layer has been turned on.			
13	p.123/463	Fiber line stops abruptly in roadway ~ STA 173+50 RT; please confirm this as correct.			
14	p.128/463	Why do electric lines stop ~ STA 52+00 RT? Do they continue into roadway?			
15	p.148/463	Gas line stops short of slope intercept ~ STA 238+25 LT; please confirm this as correct.			
16	p.148/463	Does utility line connect to MH ~ STA 239+25 RT?			
17	p.154/463	Ped in roadway ~ STA 250+25; show line leading to ped.			
18	p.156/463	Missing sanitary MH ~ STA 254+75			
19	p.156/463	Show lines leading to three peds ~ STA 257+10 RT			
20	p.159/463	Telecom line stops abruptly ~ STA 259+00; please confirm as correct			
21	p.159/463	Water line stops abruptly ~ STA 263+25 LT; please confirm as correct.			
22	p.162/463	Water main stops in roadway ~ STA 9+50 & STA 10+00; confirm as correct.			
23	p.164/463	Connect gap in gas line ~ STA 11+50 LT			
24	p.164/463	Why does gas line stop abruptly ~ 13+00 RT; please confirm as correct.			
25	p.168/463	Multiple peds throughout sheet; show utility lines leading to peds			
26	p.171/463	Turn on all utility layers			
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