

Estimated Water Usage for Water Availability Request

<b>WATER USE ESTIMATE</b>			
<b>Project Information</b>			
Contract Number	10-0K140		
Project Identifier Number	1013000051		
County/Route/PM	STA/120/0.0-4.1		
<b>Estimate Prepared By</b>			
Rick Boyer	<b>Estimate Date and Time:</b>	<b>1/22/2015 6:57</b>	
<b>Base Rates Used For Calculating Estimated Required Water</b>			
Bid Item / Work Activity	Base Rates	Unit of Measure	
Roadway Excavation (Embankment)	30	Gal/CY	
Aggregate Base & Subbase	15	Gal/CY	
Dust Control	2	Gal/SQYD/Day	
Subgrade Compaction	10	Gal/SQYD	
Hot Mix Asphalt Compaction	7	Gal/Ton	
Concrete	25	Gal/CY	
Cold Planning Pavement	0.5	Gal/SQYD	
Grind Concrete Pavement	6.5	Gal/SQYD	
Groove Concrete Pavement	1.5	Gal/SQYD	
<b>Estimated Water Required for Bid Item / Work Activity</b>			
Bid Item / Work Activity	Estimated Quantity	Quantity Unit of Measure	Estimated Water Required (Gallons)
Roadway Excavation (Embankment)	0	CY	0
Aggregate Base & Subbase	0	CY	0
Dust Control Area	0	SQYD	
Dust Control Days	0	days	0
Subgrade Compaction	0	SQYD	0
Hot Mix Asphalt Compaction	22400	Ton	156,800
Concrete	0	CY	0
Cold Planning Pavement	109000	SQYD	54,500
Grind Concrete Pavement	0	SQYD	0
Groove Concrete Pavement	0	SQYD	0
Note: Include only concrete that could be produced at a portable plant on the projects site.			
<b>Project Estimated Total Water Required</b>			
211,300	Gallons		
28,247	CF		
800	M <sup>3</sup>		
0.65	Acre-foot		