

**Harrison Road and Kingston Street Intersection  
Improvements  
City of Lenoir City, TN**

**Progress Meeting No. 6  
Wednesday July 5, 2017  
9:00 AM**

**AGENDA/MINUTES**

1. Introduction  
Sign-In Sheet-Provided – **Attached.**
2. Work Progress Since Prior Progress Meeting – 6-inch waterline was completed and connected to the school (hold on energizing until storm drain work is completed), elliptical storm sewer pipe continues, relocation of 12-inch waterline under 6'X3' box culvert is being completed. Rock excavation continues for the 12-inch waterline relocation for the ditch on Kingston Street. Formwork, reinforcing steel and concrete for the box culvert wing walls are progressing. Installation of new PE gas piping has started.
3. Forecast of Upcoming Work to be Performed -.Continue elliptical and other storm sewer piping and structures for Harrison Road. Complete lowering 12-inch waterline and complete 6'X3' box culvert. Continue gas piping. Continue wing walls and other concrete structures. Begin grading for Harrison Road widening.
4. Schedule Update – A request was made of the Contractor to provide an updated schedule. John Lambert promised to provide the new schedule.
5. Field Observations, Problems, Conflicts – See new items below.

**OLD ITEMS**

- A. Harrison Road Closure – Effective 5/19-8/2 – Contractor was reminded there are approximately 4 weeks until the start of school and the need for the waterline to be reenergized and Harrison Road to be reopened. Chief White and Amber Scott asked the contractor to provide notification ASAP if any delays were identified that would prevent the road from reopening. John Lambert agreed but was confident the drainage work would progress in the next two weeks to the point that road widening, base stone and binder course of asphalt could be completed in the following two weeks and be ready with temporary striping for August 2nd.
- B. Progress Payment – Due to Lenoir City by 7/20 – Cutoff Date for June Pay Application was 6/30/17 with Due Date to LC by 7/20.
- C. Manhole 18 Depth Resolved – Pending Cost Review – **To Be Determined.**
- D. TDEC approved use of sod in bottom of ditch #3 per email from Larry Everett. Pending cost differential between aquatic plants and sod.
- E. The contractor will continue to increase work hours by working Saturdays.

**NEW ITEMS**

- A. A 4-inch sanitary sewer lateral has been discovered on Harrison Road that will be blocked by the elliptical pipe. A resolution will determine if the lateral is active and how best to relocate.
- B. Unsuitable subgrade was uncovered along the north side of Harrison Road. This was the former location of the drainage ditch. GEOServices has recommended two options for remediation. The additional costs are being evaluated and an estimate will be available in the next few days.
- C. Weston Large noted the school gates have been removed for access and to allow work to progress. He asked if they need to be reinstalled prior to school starting. Mike Simms said they were not essential.
- D. Utility discussions noted it was unreasonable to require contractor to test existing 12-inch waterline, so a simple leak test and chlorine shock will occur for the two relocated sections of 12-inch waterline.
- E. Leon Shields noted that the school's sprinkler maintenance contractor and backflow maintenance company should be available onsite when the 12-inch waterline is reenergized to make sure there are no issues with the differential pressure. Since the waster service at the school has been dormant for the past few weeks LCUB will flush the system by flowing hydrants prior to student usage.
- F. Leon suggested installing taps on the 12-inch waterline for services to the Harrison Road customers and at least get services out from under the road prior to placement of base stone and asphalt.

5. Request for Information (RFI)

- A. None noted.

6. Submittals

- A. Outstanding – None noted.
- B. Upcoming/Critical Submittals – None noted.

7. Other

- A. Utilities - AT&T and Charter Communications – LCUB Schedule-30-45 days later Charter-30-45 Days Later AT&T – Update Needed - Possible Schedule Delay for Kingston Street Drainage. Additional attempts will be made to obtain an updated schedule.
- B.
- C.

8. Adjourn

The next meeting was scheduled for July 19th at 9:00 AM



Harrison Road and Kingston Street Improvements  
City of Lenoir City  
Meeting Sign-in Sheet

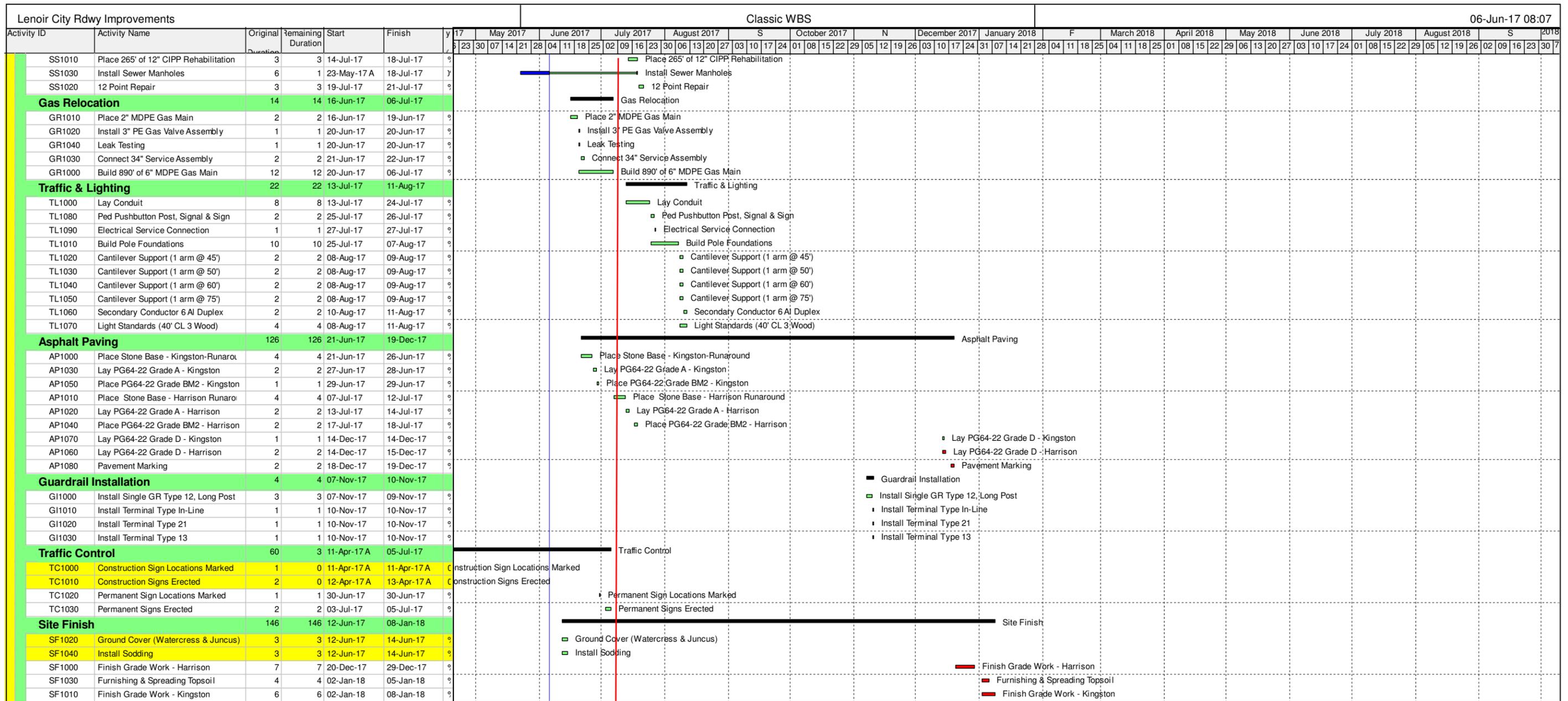
July 5, 2017

<u>Name</u>	<u>Company</u>	<u>Phone No.</u>	<u>E-Mail Address</u>
✓. Mike Waller	Cannon & Cannon	865-670-8555	<a href="mailto:mwaller@cannon-cannon.com">mwaller@cannon-cannon.com</a>
✓. Amber Scott	Lenoir City	865-986-2715	<a href="mailto:ascott@lenoircitytn.gov">ascott@lenoircitytn.gov</a>
3. Jimmy Lowe	TDOT	865-981-4634	<a href="mailto:James.Lowe@tn.gov">James.Lowe@tn.gov</a>
4. Clark Chitwood	Cannon & Cannon	901-601-0365	<a href="mailto:cchitwood@cannon-cannon.com">cchitwood@cannon-cannon.com</a>
✓. Don White	Lenoir City Police	865-740-7638	<a href="mailto:dwhite@lenoircitytn.gov">dwhite@lenoircitytn.gov</a>
✓. J.J. Cox	Lenoir City	865-389-9926	
7. Greg Buckner	Lenoir City Stormwater	865-816-7846	<a href="mailto:gbuckner@lenoircitytn.gov">gbuckner@lenoircitytn.gov</a>
8. Richard Martin	Lenoir City Fire	865-986-8870	<a href="mailto:Rmartin@lenoircitytn.gov">Rmartin@lenoircitytn.gov</a>
✓. Mike Sims	Lenoir City Schools	865-755-4099	<a href="mailto:msims@lenoircityschools.net">msims@lenoircityschools.net</a>
✓. Jeanne Barker	Lenoir City Schools	865-227-0409	<a href="mailto:jkbarcker@lenoircityschools.net">jkbarcker@lenoircityschools.net</a>
✓. Hal Danson	Kimberly Inc.	931-935-2028	<a href="mailto:Kimberlyinc@hotmail.com">Kimberlyinc@hotmail.com</a>
✓. John Lambert	Blalock's	865-388-0398	<a href="mailto:JLambert@blalockconstruction.com">JLambert@blalockconstruction.com</a>

13.  Weston Large-Blalock's-865-384-4926-wlarge@blalockconstruction.com
14. Mike Hall LCUB Electric – 865-755-0581-mhall@lcub.com
15.  Tim Tucker-Cannon & Cannon -865-670-8555-ttucker@cannon-cannon.com
16. Maggie Hunt-Lenoir City-865-986-2715-mhunt@lenoircitytn.gov
17. Jim Wilburn-Lenoir City-865-986-2715-jwilburn@lenoircitytn.gov
18.  Leon Shields-LCUB-865-687-5282-lshields@lcub.com
19.  Jack Qualls-Loudon County EDA—865-458-8889-qualls@loudoncountyeda.com
20. Stephanie Myers-Loudon County EDA- 865-458-8889-myers@loudoncountyeda.org
21. Pat Hunter – pchunter@charter.net – Chestnut Ridge
22. Bob & Ginny Miles – B.Miles865@yahoo.com – Chestnut Ridge
23.  Eddie Simpson – Loudon County Highway Dept. – 865-458-6940  
simpsons@loudoncounty-tn.gov
24. Billy Pickel – Loudon County Highway Dept. – 865-458-6940  
pickelb@loudoncounty-tn.gov
25. Jason Townsend – Blalock's – 865-705-1273

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Classic WBS																														
						May 2017	June 2017	July 2017	August 2017	S	October 2017	N	December 2017	January 2018	F	March 2018	April 2018	May 2018	June 2018	July 2018	August 2018	S	2018													
<b>Lenoir City Rdwy Improvements</b>						Lenoir City Rdwy Improvements																														
<b>Administration</b>						Administration																														
AD1000	Notice to Proceed	0	0	10-Apr-17 A	08-Jan-18	Notice to Proceed																														
AD1010	Presumptive Completion	0	0	02-Jan-18	02-Jan-18	Presumptive Completion																														
AD1020	Punch List	4	4	04-Jan-18	08-Jan-18	Punch List																														
AD1030	Acceptance	0	0	08-Jan-18	08-Jan-18	Acceptance																														
<b>Site Construction</b>						Site Construction																														
SC1020	Install Erosion Control Measures	2	0	12-Apr-17 A	13-Apr-17 A	Install Erosion Control Measures																														
SC1040	Clearing & Grubbing - Kingston	2	0	17-Apr-17 A	18-Apr-17 A	Clearing & Grubbing - Kingston																														
SC1030	Clearing & Grubbing - Harrison	3	0	19-Apr-17 A	21-Apr-17 A	Clearing & Grubbing - Harrison																														
SC1000	Mobilization	2	2	10-Apr-17 A	07-Jun-17	Mobilization																														
SC1130	Construct New Drainage Ditch	4	2	17-Apr-17 A	09-Jun-17	Construct New Drainage Ditch																														
SC1070	Rough Grade Harrison Rt C/L	3	3	24-Apr-17 A	12-Jun-17	Rough Grade Harrison Rt C/L																														
SC1010	Construction Stakes Lines & Grades	4	4	12-Apr-17 A	13-Jun-17	Construction Stakes Lines & Grades																														
SC1060	Rough Grade Kingston Lt C/L	5	5	08-Jun-17	14-Jun-17	Rough Grade Kingston Lt C/L																														
SC1050	Rough Grade Harrison Lt C/L	6	6	08-Jun-17	15-Jun-17	Rough Grade Harrison Lt C/L																														
SC1090	Grade/fill to subgrade - Kingston Lt C	4	4	15-Jun-17	20-Jun-17	Grade/fill to subgrade - Kingston Lt C																														
SC1080	Grade/fill to subgrade - Harrison Lt C	4	4	07-Jul-17	12-Jul-17	Grade/fill to subgrade - Harrison Lt C																														
SC1120	Removal of Box Culvert	2	1	31-May-17 A	19-Jul-17	Removal of Box Culvert																														
SC1110	Removal of Pipe	4	4	20-Jul-17	26-Jul-17	Removal of Pipe																														
SC1100	Removal of Catchbasins	3	3	26-Jul-17	31-Jul-17	Removal of Catchbasins																														
<b>Water Relocation</b>						Water Relocation																														
WR1020	Contract Water Line Outside Roadway	15	0	21-Apr-17 A	11-May-17 A	Contract Water Line Outside Roadway																														
WR1030	Pressure Testing 2" Line	1	0	15-May-17 A	15-May-17 A	Pressure Testing 2" Line																														
WR1000	Build 100' of 12" DIP SJ Line - Harrison	10	10	13-Jun-17	26-Jun-17	Build 100' of 12" DIP SJ Line - Harrison																														
WR1010	Pressure Testing 12" Line	1	1	27-Jun-17	27-Jun-17	Pressure Testing 12" Line																														
WR1070	Build 620' of 6" DIP SJ Line - Harrison	12	12	27-Jun-17	13-Jul-17	Build 620' of 6" DIP SJ Line - Harrison																														
WR1050	Install 3/4" Meter Assembly	2	2	14-Jul-17	17-Jul-17	Install 3/4" Meter Assembly																														
WR1080	Meter Connection to School	2	2	14-Jul-17	17-Jul-17	Meter Connection to School																														
WR1040	Install 20' of 4" PVC Line - Harrison	1	1	18-Jul-17	18-Jul-17	Install 20' of 4" PVC Line - Harrison																														
WR1100	Pressure Testing	1	1	18-Jul-17	18-Jul-17	Pressure Testing																														
WR1060	Relocate/Reconnect Service Assmbly	2	2	18-Jul-17	19-Jul-17	Relocate/Reconnect Service Assmbly																														
WR1090	Fire Hydrant Assmbly - Harrison	2	2	18-Jul-17	19-Jul-17	Fire Hydrant Assmbly - Harrison																														
<b>Drainage Construction</b>						Drainage Construction																														
DC1070	Temporary Diversion for 12 x 4 Box	2	0	31-May-17 A	06-Jun-17 A	Temporary Diversion for 12 x 4 Box																														
DC1030	Install 18" RCP	10	10	13-Jun-17	26-Jun-17	Install 18" RCP																														
DC1040	Construct Trench Drain	2	2	27-Jun-17	28-Jun-17	Construct Trench Drain																														
DC1000	Install 24" RCP	3	3	29-Jun-17	03-Jul-17	Install 24" RCP																														
DC1010	Install 30" RCP	8	8	05-Jul-17	14-Jul-17	Install 30" RCP																														
DC1020	Install 38 x 24 Oval RCP	6	6	17-Jul-17	24-Jul-17	Install 38 x 24 Oval RCP																														
DC1080	Install 68 x 43 Oval RCP	18	18	25-Jul-17	17-Aug-17	Install 68 x 43 Oval RCP																														
DC1050	Temporary Diversion for 6 x 3 Box	2	2	18-Aug-17	21-Aug-17	Temporary Diversion for 6 x 3 Box																														
DC1060	Install Catch Basins	5	5	18-Aug-17	24-Aug-17	Install Catch Basins																														
DC1100	Attach Safety Rail	3	3	01-Sep-17	06-Sep-17	Attach Safety Rail																														
DC1090	Construct 6 x 3 Box Culvert	15	15	25-Aug-17	15-Sep-17	Construct 6 x 3 Box Culvert																														
DC1110	Construct 12 x 4 Box Culvert	24	24	07-Jun-17 A	28-Sep-17	Construct 12 x 4 Box Culvert																														
<b>Retaining Wall</b>						Retaining Wall																														
RW1000	Excavate, form and pour footer	15	15	29-Sep-17	19-Oct-17	Excavate, form and pour footer																														
RW1010	Tie Rebar	12	12	20-Oct-17	06-Nov-17	Tie Rebar																														
RW1020	Place Class A Concrete	7	7	07-Nov-17	15-Nov-17	Place Class A Concrete																														
<b>Concrete Items</b>						Concrete Items																														
CI1010	Install Curb & Gutter - Harrison Rt. C/L	5	5	17-Jul-17	21-Jul-17	Install Curb & Gutter - Harrison Rt. C/L																														
CI1030	Place Extrudable Mountable Curb	2	2	24-Jul-17	25-Jul-17	Place Extrudable Mountable Curb																														
CI1020	Install Curb Ramp	4	4	24-Jul-17	27-Jul-17	Install Curb Ramp																														
CI1040	Construct 4" Sidewalk	12	12	28-Jul-17	14-Aug-17	Construct 4" Sidewalk																														
CI1050	Construct 6" Sidewalk	8	8	15-Aug-17	24-Aug-17	Construct 6" Sidewalk																														
CI1060	Complete Curb & Gutter Installation	3	3	15-Nov-17	17-Nov-17	Complete Curb & Gutter Installation																														
CI1000	Pour Endwalls	10	10	16-Nov-17	01-Dec-17	Pour Endwalls																														
<b>Sanitary Sewer</b>						Sanitary Sewer																														
SS1000	Deliver & Set Barrier Rail	2	0	22-May-17 A	22-May-17 A	Deliver & Set Barrier Rail																														
SS1040	Build 320' of 12" DIP Sewer	14	1	23-May-17 A	18-Jul-17	Build 320' of 12" DIP Sewer																														

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining W...  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone



█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining W...  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone