

Jack Patterson, District 1
Ronald Burke, District 2
Al Palmer, District 4
Rudy Carter, District 5
Earl Capps, District 7

LANCASTER COUNTY 
TRANSPORTATION COMMITTEE

PUBLIC MEETING AGENDA
County Administration Building, Council Chambers
101 N. Main Street
Lancaster, SC 29720

Thursday, December 3, 2015 at 6:00 p.m.

- 1. Welcome / Introduction**
- 2. Pledge of Allegiance**
- 3. Invocation – Jack Patterson**
- 4. Approval of Agenda**
- 5. Approval of the Minutes of August 25, 2015 meeting – pgs. 3-4**
- 6. Citizens Comments**
- 7. Discussion / Action Items**
 - a. Approval to move forward with road selections for one time funding – Jeff Catoe, pgs. 5-6**
 - b. Approval to program funds for Main Street railroad project – Jeff Catoe, pgs. 7-10**
 - c. Approval of gravel road upgrades – Jeff Catoe, pgs. 11-15**

8. Adjournment

Anyone requiring special services to attend this meeting should contact 285-1565 at least 24 hours in advance of this meeting.
Lancaster County CTC agendas are posted at the Lancaster County Administration Building and are available on the Website: www.mylancastersc.org

Lancaster County Transportation Committee

Meeting Minutes

County Council Chambers
101 North Main Street
Lancaster, SC 29720

DRAFT

August 25, 2015

Present at the meeting were Rudy Carter, Ronald Burke, Jabo Sims and Earl Capps.

The following press was notified of the meeting by e-mail or by fax in accordance with the Freedom of Information Act: Lancaster News, Kershaw News Era and The Fort Mill Times. The agenda was also posted in the lobby of the County Administration Building the required length of time and on the county website.

Pledge of Allegiance/Invocation

Rudy Carter led the Pledge of Allegiance and provided the Invocation.

Approval of Agenda

Rudy Carter made a MOTION to approve the agenda. SECONDED by Ronald Burke. Passed 4-0.

Citizens Comments

No one signed up for Citizens Comments.

Election of Officers

Jabo Sims made a MOTION to nominate Rudy Carter as Chairman. SECONDED by Ronald Burke. Passed 4-0.

Earl Capps made a MOTION to nominate himself as Vice-Chairman. No one SECONDED. Motion FAILED.

Rudy Carter moved to nominate Jabo Sims as Vice-Chairman. SECONDED by Ronald Burke. Passed 4-0.

Action Item to Vote on Road Packages

Jeff Catoe, Public Works Director, reviewed the packages in detail. He explained that all estimates are based on SCDOT figures of \$250,000 per mile. There are some contingencies added and these numbers could go up or down by the time, all factors are in and bids awarded.

Earl Capps made a MOTION to approve Road Packages 1-3. SECONDED by Jabo Sims.
Passed 4-0.

Discussion Items:

Steve Willis gave a handout, Schedule A, that give information on the L & C Railroad's request for financial assistance with their crossing on Main Street. This crossing at present requires a 2mph speed limit and they would like to improve it so that it can be 10mph. The request is for \$100,000.

Adjournment:

Earl Capps made a MOTION to adjourn. SECONDED by Jabo Sims. Passed 4-0.

Approved by Committee Chair

Rudy Carter, Committee Chair

DRAFT

Agenda Item Summary

Ordinance # / Resolution#:

Contact Person / Sponsor:

Department: Administration

Date Requested to be on Agenda: 12/3/15

Committee: CTC

Issue for Consideration:

Approval to move forward with road selections for one time funding. List has been prioritized and alternates listed.

Points to Consider:

All candidates are SCDOT maintained roads. Funding is for SCDOT roads only.

Funding and Liability Factors:

One time allotment of \$3,980,462 is the funding source.

Committee Options:

Approve for bid, disapprove, or table selections

Recommendation:

Approve selections for bid.

Lancaster 2015 CTC One time Money

Priority List:

<u>Road Name</u>	<u>Miles</u>	<u>Costs</u>
Hough Road/Misty Oak Court	0.605	\$184,204
Sunnybrook Lane	0.999	\$428,682
Clinton Avenue	0.648	\$460,100
Cedar Pines/Caskey/Westside	2.245	\$667,609
Hampton Road	0.698	\$331,700
Old Hickory Road	2.028	\$693,151
Ross Cauthen/Cambridge	1.189	\$238,126
Neill Road	1.521	\$521,272
Neal Street	0.339	\$114,084
<u>N Ashe Street</u>	<u>0.221</u>	<u>\$66,418</u>
Priority Totals:	10.493	\$3,705,346

Alternate List:

<u>Road Name</u>	<u>Miles</u>	<u>Costs</u>
Old Oakland Circle	0.339	\$54,337
Old Camden Monroe	2.682	\$923,289
Valley Road	0.448	\$225,547
Muskett Road	1.254	\$429,374
Rowell Road	2.638	\$889,317
Collins Road*	1.75	\$765,962
<u>River Road*</u>	<u>1.08</u>	<u>\$658,478</u>
Alternate Totals:	10.191	\$3,946,304

*New Construction/Development/
Bridge work

Costs include construction, engineering, and CEI
 Costs are rising, so engineer's estimates are very conservative
 Clinton Avenue and Hampton Road have to be surveyed (6-8 weeks)
 Others, including alternates, could be ready in 2 weeks

Agenda Item Summary

Ordinance # / Resolution#:

Contact Person / Sponsor: Steve Gedney

Department: Administration

Date Requested to be on Agenda: 12/3/15

Committee: CTC

Issue for Consideration:

Approval to program funds for Main Street railroad project.

Points to Consider:

Traffic and response time when trains are stacked.

Funding and Liability Factors:

Initial estimates are over \$800,000. Asking for a 20% match, or amount approved to program by CTC

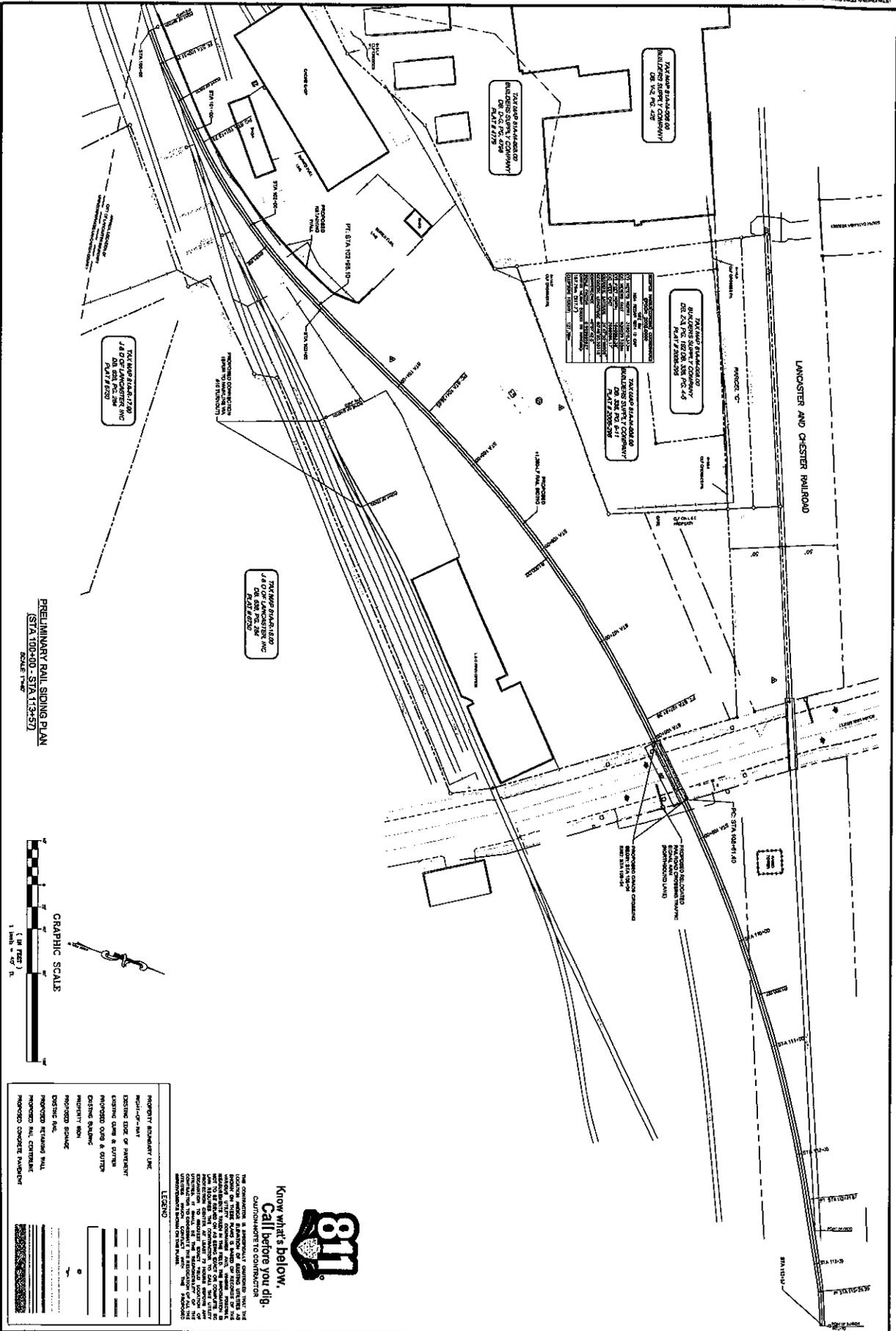
Committee Options:

Program funding or deny funding

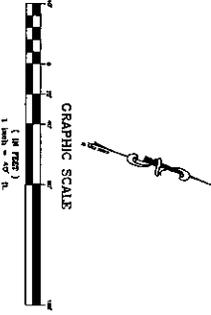
Recommendation:

Attached are the preliminary figures and plan sheet for the RR project on Main Street to enhance safety at the crossings of Main St. and Market St. in the City of Lancaster and eliminate the excessive delay and safety issues with our current mainline non protected crossing at Main Street. The average time for a 100 car train to clear Main Street is now 15-16 minutes at 2-3 miles per hour. With the relocation of this main line crossing further north next to the existing SB Line protected crossing of Main Street , delays for 100 car trains should reduced by 60%. This lighted protective crossing will also eliminate the need for our trains to come to a complete halt at this existing "blind" crossing and having a flagman step into Main Street day or night to stop traffic which is a safety issue and causes further delay of the train.

The total estimated cost of this project is approximately \$830K+- and the Railroad's original request for partial CTC funding of \$100K represented a 12% match by the County for the benefit of the public welfare. If there are additional CTC funds to make a 15% or 20% match, that would be greatly appreciated. As you can see from the estimates, the Railroad will be providing a large capital investment to improve this crossing for the public good. At the same time the Railroad is continuing to upgrade the SB Line with heavy rail these next 2 -3 years and is purchasing additional power for SB Line customers.



PRELIMINARY RAIL SIDING PLAN
 (STA 100+00 - STA 112+44)
 SCALE: 1" = 40'



LEGEND

	PROPERTY BOUNDARY LINE
	RIGHT-OF-WAY
	EXISTING DRAINAGE
	EXISTING CURB & GUTTER
	PROPOSED CURB & GUTTER
	EXISTING BUILDING
	PROPOSED BUILDING
	PROPOSED RETAINING WALL
	PROPOSED RAIL CENTERLINE
	PROPOSED CONCRETE PAVEMENT

811

Know what's below.
 Call before you dig.
 Call 811 to connect to your local utility locator service.

FOR MORE INFORMATION, VISIT US AT www.811.com OR CALL 811. THE 811 SERVICE IS A FREE, 24-HOUR SERVICE THAT HELPS YOU IDENTIFY THE LOCATION OF ALL UTILITIES BEFORE YOU DIG. CALLING 811 BEFORE YOU DIG HELPS PREVENT DAMAGE TO UTILITIES, REDUCE THE RISK OF PERSONAL INJURY AND PROPERTY DAMAGE, AND SAVE YOU MONEY. THE 811 SERVICE IS AVAILABLE IN ALL STATES EXCEPT ALABAMA, ARIZONA, CALIFORNIA, FLORIDA, GEORGIA, ILLINOIS, INDIANA, IOWA, KANSAS, KENTUCKY, LOUISIANA, MISSISSIPPI, MISSOURI, NEBRASKA, NEVADA, NEW JERSEY, NEW YORK, NORTH CAROLINA, NORTH DAKOTA, OHIO, OKLAHOMA, PENNSYLVANIA, SOUTH CAROLINA, SOUTH DAKOTA, TEXAS, UTAH, VIRGINIA, WEST VIRGINIA, WISCONSIN, and WYOMING.

PROJECT PROPOSED 1250-LINEAR FOOT RAIL SIDING ADDITION FOR L&C RAILROAD, LLC IN LANCASTER COUNTY, SC	SHEET RAIL SIDING IMPROVEMENTS CONCEPTUAL LAYOUT STA 100+00 - STA 112+44		APPROVED BY: _____ DATE: _____
			SIGNATURE: _____ DATE: _____
DWG NO. 01330-015	LANCASTER COUNTY, SOUTH CAROLINA	DATE: AUGUST 2014	SCALE: AS SHOWN

Preliminary Cost Opinion
Proposed Railway Siding at Depot Crossing
in
Lancaster County, South Carolina
for
Lancaster and Chester Railway, LLC

No.	Quantity	Unit	Description	Unit Price	Amount	Cumulative
1	1	LS	Mobilization/Bonds	\$	10,000	10,000
2	1.0	AC	Clearing and Grubbing (Area within Limits of Disturbance)	\$	2,500	12,500
3	1,500	SF	Demolition of Existing Concrete Structures (Adjacent to L&C Main Office)	\$	10	12,510
4	2,500	LF	Demolition of Existing Rail	\$	6	12,516
5	1	EA	Relocation of Existing Railroad Crossing Signal Arm (South Main Street)	\$	20,000	32,516
6	1	LS	Relocation of Existing Overhead Utility Lines	\$	15,000	47,516
7	600	CY	Undercutting of Unsuitable Subgrade Material (Replace with Suitable Material)	\$	25	47,541
8	3,600	CY	Earthwork (General Excavation/Backfill/Compaction)	\$	4	47,545
9	3,600	SY	Subballast Compacted	\$	9	47,554
10	1,800	SY	Ballast (#4 Modified)	\$	14	47,568
11	3	EA	No. 10 Turnout (Includes All Parts)	\$	40,000	87,568
12	1,120	LF	132# Rail (Includes track, cross-ties, tie plates, joint bars, anchors, spikes, bolts, washers, nuts)	\$	140	87,708
13	1,150	SFF	Modular Block Retaining Wall (Assumes 6-FT Wall Height)	\$	30	87,738
14	1	LS	Relocation of Existing Railway Asphaltic Concrete Grade Crossing (South Market Street)	\$	10,000	97,738
15	200	LF	18-inch Reinforced Concrete Storm Drainage Piping (Class III)	\$	65	97,803
16	3	EA	Catch Basin	\$	5,000	102,803
17	1	LS	Sediment and Erosion Control Devices	\$	10,000	112,803
18	2	AC	Permanent Grassing	\$	3,000	115,803
					\$	530,000
19	1	LS	Mobilization/Bonds	\$	50,000	50,000
20	1	LS	Traffic Control	\$	15,000	65,000
21	6	EA	Demolition of Existing Storm Drainage Structures	\$	500	65,500
22	1	EA	Street Light Relocation	\$	5,000	70,500
23	500	SY	3-inch Milling	\$	7	70,507
24	500	SY	3-inch Asphalt Surface Overlay (Existing Asphalt)	\$	18	70,525
25	380	SY	12-inch Graded Aggregate Base Course	\$	20	70,545
26	380	SY	2-inch Asphalt Intermediate Binder Course (Type B)	\$	11	70,556
27	380	SY	3-inch Asphalt Surface Course (Type B)	\$	18	70,574
28	1	LS	Roadway Signage	\$	5,000	75,574
29	1	LS	Roadway Striping	\$	5,000	80,574
30	300	LF	18-inch Reinforced Concrete Storm Drainage Piping Removal	\$	10	80,584
31	300	LF	18-inch Reinforced Concrete Storm Drainage Piping (Class III)	\$	65	80,649
32	5	EA	Catch Basin	\$	3,500	84,149
33	1	LS	Sediment and Erosion Control Devices	\$	5,000	89,149
34	1	AC	Permanent Grassing	\$	5,000	94,149
					\$	164,000
				Subtotal:	\$	684,000
				Topographic Survey	\$	3,000
				Geotechnical Exploration	\$	5,000
				Engineering Design & Permitting	\$	35,000
				Bidding & Award	\$	4,500
				Construction Materials Testing	\$	7,000
				Construction Engineering Administration & Observation	\$	12,000
				Contingency:	\$	60,500
				Preliminary Cost Opinion Total	\$	821,000

Notes:

1. Alliance Consulting Engineers, Inc. does not guarantee the accuracy of probable costs. Such probable costs represent only Alliance Consulting Engineers, Inc.'s judgement as a professional and
2. Unit Prices and Quantities are subject to variation upon final design.
3. Cost of Asphalt is based on rate of \$45/barrel on crude oil and recent bid climate in the area.
4. Estimate does not include any permitting, review or impact fees associated with Lancaster County or SCDHEC.
5. Clearing and grubbing for roadway improvements includes area within proposed Right of Way only.
6. Estimate does not include costs for wetland delineations or mitigation.
7. Estimate assumes typical project scope for like development in the Lancaster County area.
8. Estimate does not include allowances for rock excavation.
9. Estimate assumes gas, electric, telephone, or cable will not have to be improved at this time.
10. Estimate assumes a subballast width of 20-feet and a ballast width of 13-feet. Estimate assumes that Existing Relay Rail is to be reused in proposed alignment adhering to Norfolk Southern
11. Estimate assumes 3-foot depth of existing grade within subballast width of realigned rail for unclassified earthwork (See Line Item No. 8).
12. Estimate assumes 0.5-foot depth of existing grade within subballast width of realigned rail to be unsuitable material to be removed and disposed (See Line Item No. 7).
13. Estimate excludes track regulation and tamping costs.



Agenda Item Summary

Ordinance # / Resolution#:

Contact Person / Sponsor: Lancaster County

Department: Public Works

Date Requested to be on Agenda: 11/23/15

Committee: CTC

Issue for Consideration:

Request approval to add funding for gravel road upgrades to George Cook Road, Witherspoon Trail, Logging Road, and Firewood Road

Points to Consider:

All are county maintained roads with a history of high maintenance costs per year, including Calcium Chloride treatments. Witherspoon and Logging have a history of petitions and requests to CTC in years past.

Funding and Liability Factors:

No full estimates yet on George Cook, Logging, and Firewood. Witherspoon about \$200,000 to Improve with CTB.

Council Options:

Program or deny funding

Recommendation:

Approve all 4 roads on next county road improvement contract

GEORGECO

Report Date: 11/17/2015
11/17/2015

Requests completed from 12/01/2014 to
Page: 1

Work Requests Cost Report - by Department/COST CENTER
LANCASTER COUNTY

Department	Task	Material	Equipment	Total	WO Count	Man Hours
Personnel					Avg. Cost	

202: ROADS & BRIDGES						
02600: GEORGE COOK ROAD						
100: MACHINE ROADS					4	22.25
330.15	0.00	600.75	930.90	232.73		
300: STONE					2	17.75
241.96	2094.47	553.00	2889.43	1444.72		
950: MISC.					2	36.00
559.75	199.50	1064.50	1823.75	911.88		
980: BUSHHOG					1	2.75
34.33	0.00	37.13	71.46	71.46		

1166.19	2293.97	COST 02600 Totals:	2255.38	5715.54	9	78.75

1166.19	2293.97	Dept 202 Totals:	2255.38	5715.54	9	78.75

1166.19	2293.97	Final Totals:	2255.38	5715.54	9	78.75
=====						

3000 gallons calcium chloride @ \$1⁰⁰/_{gal.} - \$3000⁰⁰

Final total: \$ 8715.54

WITHERSP

Report Date: 11/17/2015
11/17/2015

Requests completed from 12/01/2014 to
Page: 1

Work Requests Cost Report - by Department/COST CENTER
LANCASTER COUNTY

Department	COST CENTER	Task	Personnel	Material	Equipment	Total	WO Count	Man Hours
							Avg. Cost	

202:		ROADS & BRIDGES						
	02030:	WITHERSPOON TRAIL						
	100:	MACHINE ROADS					3	11.25
167.07				0.00	303.75	470.82	156.94	
	250:	SIGNS-VARIOUS					1	1.50
22.15				0.00	22.50	44.65	44.65	
	300:	STONE					1	1.00
14.14				127.50	32.00	173.64	173.64	
	980:	BUSHHOG					2	3.75
46.82				0.00	50.63	97.45	48.73	

250.18				127.50	COST 02030 Totals:	408.88	7	17.50
						786.56	112.37	

250.18				127.50	Dept 202 Totals:	408.88	7	17.50
						786.56	112.37	
=====								
250.18				127.50	Final Totals:	408.88	7	17.50
						786.56	112.37	

2400 gallons calcium chloride @ \$1.00/gal - \$2400.00

Final total: \$ 3,186.56

LOGGINGR

Report Date: 11/19/2015
11/18/2015

Requests completed from 01/01/2015 to
Page: 1

Work Requests Cost Report - by Department/COST CENTER
LANCASTER COUNTY

Department	Task	Material	Equipment	Total	WO Count	Man Hours
Personnel				Cost	Avg.	Cost

202: ROADS & BRIDGES						
12900: LOGGING ROAD						
100: MACHINE ROADS					4	22.50
360.72	0.00	533.75	894.47	223.62		
300: STONE					2	35.75
514.97	3185.45	1005.00	4705.42	2352.71		
400: CLEANING & CLEARING					3	15.00
225.38	0.00	346.30	571.68	190.56		
950: MISC.					1	27.25
375.74	502.17	684.90	1562.81	1562.81		
980: BUSHHOG					5	17.25
237.32	0.00	329.63	566.95	113.39		

			COST 12900 Totals:		15	117.75
1714.13	3687.62	2899.58	8301.33	553.42		

			Dept 202 Totals:		15	117.75
1714.13	3687.62	2899.58	8301.33	553.42		
=====						
			Final Totals:		15	117.75
1714.13	3687.62	2899.58	8301.33	553.42		

Contract work (LCF) pipe replacement : \$17,000

8600 gallons calcium chloride @ \$1.00/gal = \$8600

Final total: \$33,901.33

FIREWOOD

Report Date: 11/19/2015
11/18/2015

Requests completed from 01/01/2015 to
Page: 1

Work Requests Cost Report - by Department/COST CENTER
LANCASTER COUNTY

Department	Task	Material	Equipment	Total	WO Count	Man Hours
Personnel					Avg. Cost	

202: ROADS & BRIDGES						
12910: FIREWOOD ROAD						
100: MACHINE ROADS					3	6.50
114.42	0.00		175.50	289.92	96.64	
500: DRIVEWAYS/TILES					1	20.25
277.74	331.50		677.05	1286.29	1286.29	
950: MISC.					1	6.00
93.63	0.00		30.00	123.63	123.63	
980: BUSHHOG					3	3.25
40.57	0.00		66.38	106.95	35.65	

526.36	331.50		COST 12910 Totals: 948.93	1806.79	8	36.00

526.36	331.50		Dept 202 Totals: 948.93	1806.79	8	36.00

526.36	331.50		Final Totals: 948.93	1806.79	8	36.00
=====						

4800 gallons calcium chloride @ \$1.00/gal - \$4800.00

Final total: \$6,606.79