To access the Agenda and Backup Materials electronically, go to www.gjcity.org

Forestry Advisory Board Agenda
2529 High Country Court, Grand Junction CO 81501

June 4, 2020
8:30 AM

Call to Order

Approval of Minutes

Minutes of May 7, 2020 Meeting

Forestry Updates

a. Mayor Duke Wortmann is now the liaison to the Forestry Board. Councilmember Chuck McDaniel is the alternate.

b. Heavy wind and tree damage (photos)

c. 2020 public calls on the rise - 239 Contacts
   i. January - 15 calls
   ii. February - 33 calls
   iii. March - 52 calls
   iv. April - 64 calls
   v. May - 75 calls

d. Tree Planting
   i. 140 new trees installed city-wide

e. Plant health care update
   i. Ash treatments
   ii. Elm scale
   iii. Siberian elm leaf miner heavy around town
   iv. Wasp gall on oaks
   v. Honeylocust plant bug
   vi. Cambistat and new tree plantings

f. 2020 quarterly report

g. Business signage and tree conflicts

h. DRIP social media clip: https://www.facebook.com/grandvalleydrip/

New Business

a. Updating recommended tree list

b. Update on ISA July Test

c. Tree stories

d. Virtual chainsaw training for women

Public Comments

Adjournment

Next Meeting Date

Thursday July 2, 2020 - 8:30 a.m.
If you have any questions, please contact Chair, Susan Carter at 858-3305 or Robert Davis, City Forester at 254-3825

Grand Junction Forestry Advisory Board
Minutes

May 7,2020

Park Operations
2529 High Country Ct, Grand Junction, CO 81501

Item 1: Meeting came to Order by Grand Junction Forestry Advisory Board Member, at 8:30 AM.

Roll Call

Board Members Present:	Kamie Long
	Vince Urbina
	Susan Carter
	Mollie Higginbotham
	Susan Carter
	Paul Morency
	Bennett Boeschenstein
Absent Board Members:	Tom Ziola
Parks & Recreation Staff Present:	Rob Davis, City Forester & Open Space Supervisor
	Allison Little, Administrative Specialist

Item 3: Forestry Updates

h) Due to a previous engagement Vince updated the board about ISA testing dates and COVID Impacts.

- Test scheduled for July 1, 2020
- Students will wear masks
- Spacing is already required between test-takers
- Scheduled at the B.5 road facility
- The only unknown is if that facility will be re-opened on July 1.

Item 2: Approve Minutes from March meeting

- Kamie Long made a motion to approve minutes, with the spelling of Kamie Long's name corrected (add e throughout). The motion was seconded by MollieHigginbotham and carried unanimously.

Item 3: Forestry Updates

a) COVID-19 Impacts on Forestry
   - April Board Meeting Canceled
   - Southwest Arborfest Canceled
     - Lost interactions with the schools
   - FT Positions that have been vacated are frozen
   - Seasonal positions are frozen or filled with staff from other areas (lifeguards) that are already hired
   - Pulls staff away from forestry duties for other duties such as playground sanitation, riverside park construction, trail reconstruction, and spring cleanup
   - Implement fee for planting and ROW trimming permits.

b) Tree seedling Distribution
   - Originally the communication team anticipated 5 days of promotion, closed after 5 hours with hundreds of requests
   - 10 Recipients who tagged City on social media with pictures of planting seedlings received a containerized tree.
   - Facebook Stats: Reach: 28,030, Engagement: 4,800, Shares: 188
   - Instagram Stats (Smaller audience than facebook): 2,777 reach on six posts
   - Next Door Stats: 2,603 Impressions and 13 "Thank You" clicks (Likes)
   - Arbor Day Foundation waived event requirement for Tree City USA.

c) Tree Planting
   - 118 Trees planted, 30 to go focusing on Las Colonias, Duck Pond, Riverside, and the planting at Canyon View
   - Some of the Canyon View planting have not survived. The Bald Cypress, in particular, are struggling and just may not grow well in Grand Junction
   - The area still looks really good and has drawn people to a part of the park they weren't previously accessing.
   - Las Colonias River Park area behind the amphitheater came together well, shade trees planted.

d) Tree Maintenance
   - Calls are coming in for maintenance
   - 160 pending requests for work, dating back to June of 2019.
   - People are understanding and staff works on requests as much as possible, but are never caught up

e) CAO and discussion over ROW versus Private Property Trees
   - Rob has been examining whether trees are actually on private property or Right of Way and has determined that some trees historically maintained by the City are actually private property trees.

- Have reached out to the City Attorney's office to determine the City's legal responsibility to continue maintaining them, or can the responsibility be returned to the owner.

f) Concept review for Grand and 1st Street CDOT Construction project
   - The north median is going away, the southern is staying, in part though is planned to look more native
   - Rob submitted comments regarding tress in the median – the established trees will likely suffer. CDOTs requirements is 1:1.

g) Spruce ips and tree losses
   - 5 Spruce trees down from ips beetle
     i. 3 large trees at the Orchard Mesa Cemetery
     ii. 1 in Lincoln Park area
   - Ips target old mature trees, and once in the neighborhood, unless the trees are removed, the ips move throughout the area
   - Elm Seed Bugs are beginning to show up this year also
     i. People request removal of Elm trees in an effort to mitigate the bugs
     ii. Previous Forestry Board has declined to remove healthy trees

h) ISA testing dates and COVID impacts
   - Rob envisions COVID as an excuse for companies who fail to get an arborist ISA certified
   - Also envision companies who struggled during shut down will push back harder against certification requirement
   - Board members reiterated that companies have had three years to meet this requirement.

i) Grand Falls Drive (near 28 Road)
   - Project began by trying to repair sidewalk under trees. HOA was notified that repairs would result in tree loss which prompted further discussion because sidewalk connects to nothing
   - Determined the greatest public benefit would be to keep trees and eliminated the sidewalk (an idea proposed by the Public Works Department.)
   - Rob is attending and HOA meeting this evening to further discuss with residents

Item 4: New Business

a) Updating recommended tree list
   - Use botanically correct common names

b) Weed Abatement
   - Wayne is on Public/ROW/Open Space Abatement, Jason is handling Code Enforcement for private lands

c) Tree Pollen
   - Really high – have planted lots of male trees to reduce seeds and berries, but males are responsible for pollen so the count is up

d) Grand Valley Canopy Website

- Tree page will include the recommended species and the developer suggests making it more searchable
    i. Scale up over time
    ii. Make sure the information reflects code requirements
    iii. Does increase the cost of development and maintenance

e) Arbor Day /Demo Day
    - Plant Sale scheduled for second Saturday of October. Schedule Demo Day in conjunction?
    - Board decided to concentrate on spring, since things continue to be uncertain in the wake of COVID-19.

Item 5: Public Comments: No Public Comments

Item 6: Adjourn: The meeting adjourned by acclimation at 10:00 a.m.

Item 7. Next Forestry Advisory Board Meeting: Thursday, June 4, 2020 at 8:30am via Zoom

Respectfully Submitted,

Allison Little

PERRY

Photograph by David Cappaert

An interesting **gall wasp-woodpecker interaction** on bur oak

Photograph by David Leatherman

The gall wasp *Callirhytis flavipes* develops under the bark of twigs branches, and the trunks of oak

Photographs by David Leatherman

They are small and develop within small chambers. There are dozens of these chambers in the above photo.

Downy woodpeckers work the bark and extract the developing gall wasp larvae in winter and early spring

This can result in extensive debarking of trunks, branches

This can lead to dieback of limbs and the upper trunk

After this gall wasp emerges from the trunks//branches, it moves to new leaves. The summer generation develops within an irregularly shaped gall of the midrib.

CITY OF Grand Junction COLORADO

Forestry Division

FORESTRY QUARTERLY SUMMARY REPORT

6/4/2020

Quarterly Summery Totals

Total Labor Hours	Total Labor Cost	Total Equipment Cost	Total Material Cost	Overall Total Cost	Total Trees Maintained	Total Trees Trimmed	Total Trees Planted	Total Trees Remove	Total Trees Treated
1,040.50	**30,035.43**	**26,754.45**	**0.00**	**57,147.04**	**896**	**60**	**138**	**148**	**550**

WO Number	Problem	Crew	Address	Main Task	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Total Cost	Assigned By	Lead Worker	Trees Trimmed	Trees Planted	Trees Removed	Trees Treated
18-003298	DEAD	FORESTRY NORTH CREW		TREE REMOVAL	15.00	393.20	567.66	0.00	960.86	BRIAN WRICH	JAMES ELKINS	2.00	0.00	1.00	0.00
18-003315	CITIZEN REQUEST	FORESTRY NORTH CREW		TREE PLANTING	0.00	0.00	0.00	0.00	0.00	NIK PRIDY	JAMES ELKINS	0.00	1.00	0.00	0.00
18-004801	DECLINING	FORESTRY NORTH CREW		TREE REMOVAL	8.00	146.49	236.40	0.00	382.89	DAN WIEDRICH	CODY WRIGHT	0.00	1.00	0.00	0.00
18-005542	CITIZEN REQUEST	FORESTRY SOUTH CREW		TREE TRIMMING	2.00	45.09	62.50	0.00	107.59	BRIAN WRICH	CODY WRIGHT	1.00	0.00	0.00	0.00
19-001360	CITIZEN REQUEST	FORESTRY SOUTH CREW		TREE STUMP REMOVAI	0.00	0.00	0.00	0.00	0.00	BRIAN WRICH	CODY WRIGHT	0.00	1.00	1.00	0.00
19-002095	NEW INSTALL	FORESTRY SOUTH CREW		TREE PLANTING	2.00	49.62	12.78	0.00	62.40	BRIAN WRICH	JAMES ELKINS	0.00	2.00	0.00	0.00
19-002232	PEST OR DISEASE INFESTATION	PLANT HEALTH		TREE REMOVAL	9.00	298.50	187.50	0.00	486.00	BRIAN WRICH	JAMES ELKINS	0.00	0.00	1.00	0.00
19-002403	CITIZEN REQUEST	FORESTRY NORTH CREW		TREE TRIMMING	3.00	36.00	0.00	0.00	36.00	BRIAN WRICH	JAMES ELKINS	1.00	0.00	0.00	0.00
19-002520	PREVENTIVE MAINTENANCE	FORESTRY NORTH CREW	1733 N 17TH ST	TREE REMOVAL	8.00	296.46	173.90	0.00	470.36	BRIAN WRICH	BRIAN WRICH	0.00	0.00	1.00	0.00
19-002523	CITIZEN REQUEST	FORESTRY SOUTH CREW		TREE TRIMMING	8.00	182.20	250.00	0.00	432.20	BRIAN WRICH	JAMES ELKINS	2.00	0.00	0.00	0.00
19-002594	PREVENTIVE MAINTENANCE	FORESTRY NORTH CREW		TREE TRIMMING	2.00	40.83	62.50	0.00	103.33	BRIAN WRICH	CODY WRIGHT	2.00	0.00	0.00	0.00
19-002648	CITIZEN REQUEST	PLANT HEALTH		TREE TRIMMING	2.00	40.83	78.84	0.00	119.67	BRIAN WRICH	CODY WRIGHT	2.00	0.00	0.00	0.00
19-002677	PREVENTIVE MAINTENANCE	FORESTRY SOUTH CREW		TREE REMOVAL	0.00	0.00	0.00	0.00	0.00	BRIAN WRICH	BRIAN WRICH	0.00	0.00	1.00	0.00
19-002747	CITIZEN REQUEST	FORESTRY NORTH CREW		TREE PLANTING	2.00	40.83	41.96	0.00	82.79	BRIAN WRICH	CODY WRIGHT	0.00	1.00	0.00	0.00
19-002817	CITIZEN REQUEST	FORESTRY NORTH CREW		TREE TRIMMING	4.00	81.66	125.00	0.00	206.66	BRIAN WRICH	CODY WRIGHT	1.00	0.00	0.00	0.00
19-002818	PEST OR DISEASE INFESTATION	PLANT HEALTH		TREE REMOVAL	12.00	391.41	334.20	0.00	725.61	BRIAN WRICH	BRIAN WRICH	0.00	0.00	1.00	0.00
19-002825	DECLINING	PLANT HEALTH		TREE REMOVAL	6.00	135.15	236.52	0.00	371.67	BRIAN WRICH	CODY WRIGHT	1.00	0.00	1.00	0.00

WO Number	Problem	Crew	Address	Main Task	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Total Cost	Assigned By	Lead Worker	Trees Trimmed	Trees Planted	Trees Removed	Trees Treated
19-002932	DECLINING	FORESTRY NORTH CREW		TREE TRIMMING	4.00	81.66	125.00	0.00	206.66	BRIAN WRICH	CODY WRIGHT	1.00	0.00	1.00	0.00
19-002966	DECLINING	PLANT HEALTH		TREE TRIMMING	3.00	69.66	41.96	0.00	111.62	BRIAN WRICH	CODY WRIGHT	2.00	0.00	0.00	0.00
19-003044	PREVENTIVE MAINTENANCE	FORESTRY SOUTH CREW		TREE TRIMMING	12.00	244.98	375.00	0.00	619.98	BRIAN WRICH	CODY WRIGHT	2.00	0.00	0.00	0.00
19-003121	CITIZEN REQUEST	FORESTRY SOUTH CREW		TREE TRIMMING	6.00	147.76	125.00	0.00	272.76	BRIAN WRICH	CODY WRIGHT	4.00	0.00	0.00	0.00
19-003135	CITIZEN REQUEST	FORESTRY NORTH CREW	1906 N 3RD CT	TREE TRIMMING	19.00	400.52	612.80	0.00	1,013.32	BRIAN WRICH	CODY WRIGHT	1.00	0.00	1.00	0.00
19-003387	NEW INSTALL	FORESTRY SOUTH CREW		TREE PLANTING	2.00	49.62	12.78	0.00	62.40	BRIAN WRICH	CODY WRIGHT	0.00	1.00	0.00	0.00
19-003585	NEW INSTALL	FORESTRY SOUTH CREW		TREE PLANTING	4.00	81.66	75.28	0.00	156.94	BRIAN WRICH	CODY WRIGHT	0.00	1.00	0.00	0.00
19-003645	CLEARANCE ISSUE	FORESTRY NORTH CREW		TREE TRIMMING	0.00	0.00	0.00	0.00	0.00	BRIAN WRICH	CODY WRIGHT	12.00	0.00	0.00	0.00
19-003896	PREVENTIVE MAINTENANCE	FORESTRY NORTH CREW	1530 E SHERWOOD DR	TREE REMOVAL	9.00	314.76	236.40	0.00	551.16	BRIAN WRICH	CODY WRIGHT	0.00	0.00	1.00	0.00
19-004146	PREVENTIVE MAINTENANCE	FORESTRY SOUTH CREW		TREE TRIMMING	0.00	0.00	0.00	0.00	0.00	BRIAN WRICH	CODY WRIGHT	1.00	0.00	0.00	0.00
19-004157	DEAD			TREE REMOVAL	2.00	73.32	90.86	0.00	164.18	BRIAN WRICH	BRIAN WRICH	0.00	0.00	1.00	0.00
19-004184	PREVENTIVE MAINTENANCE	FORESTRY NORTH CREW		TREE SPRAYING	0.00	0.00	0.00	0.00	0.00	BRIAN WRICH	JAMIE BODA	0.00	0.00	0.00	0.00
19-004388	PREVENTIVE MAINTENANCE	FORESTRY SOUTH CREW	1011 N 10TH ST	TREE REMOVAL	4.00	123.76	125.00	0.00	248.76	BRIAN WRICH	JAMES ELKINS	0.00	0.00	1.00	0.00
19-004529	PREVENTIVE MAINTENANCE	FORESTRY SOUTH CREW		TREE TRIMMING	0.00	0.00	0.00	0.00	0.00	BRIAN WRICH	BRIAN WRICH	2.00	0.00	0.00	0.00
19-004532	PREVENTIVE MAINTENANCE	FORESTRY NORTH CREW	1917 N 3RD CT	TREE TRIMMING	2.00	40.83	41.96	0.00	82.79	BRIAN WRICH	CODY WRIGHT	1.00	0.00	0.00	0.00
19-004557	CITIZEN REQUEST			TREE TRIMMING	0.00	0.00	0.00	0.00	0.00	CODY WRIGHT	JAMES ELKINS	2.00	0.00	0.00	0.00
19-004631	NEW INSTALL	FORESTRY SOUTH CREW		TREE PLANTING	3.00	74.43	19.17	0.00	93.60	BRIAN WRICH	BRIAN WRICH	0.00	3.00	0.00	0.00
19-005119	NEW INSTALL	FORESTRY SOUTH CREW	1304 W WHITE AVE	TREE PLANTING	3.00	74.43	19.17	0.00	93.60	BRIAN WRICH	BRIAN WRICH	0.00	3.00	0.00	0.00
19-005120	DECLINING	FORESTRY NORTH CREW		TREE PLANTING	2.00	24.00	22.64	0.00	46.64	BRIAN WRICH	BRIAN WRICH	0.00	1.00	1.00	0.00
19-005253	DECLINING	FORESTRY NORTH CREW	1340 N 25TH ST	TREE REMOVAL	2.00	70.34	41.96	0.00	112.30	BRIAN WRICH	JAMES ELKINS	0.00	0.00	3.00	0.00
19-005255	NEW INSTALL	FORESTRY NORTH CREW		TREE PLANTING	2.00	24.00	22.64	0.00	46.64	BRIAN WRICH	BRIAN WRICH	0.00	1.00	0.00	0.00

WO Number	Problem	Crew	Address	Main Task	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Total Cost	Assigned By	Lead Worker	Trees Trimmed	Trees Planted	Trees Removed	Trees Treated
19-005258	DEAD	FORESTRY NORTH CREW	2014 N 20TH ST	TREE REMOVAL	3.00	93.69	111.40	0.00	205.09	BRIAN WRICH	CODY WRIGHT	0.00	0.00	1.00	0.00
19-005338	CITIZEN REQUEST			TREE REMOVAL	4.00	81.66	157.68	0.00	239.34	BRIAN WRICH	CODY WRIGHT	0.00	0.00	1.00	0.00
19-005364	PREVENTIVE MAINTENANCE	FORESTRY SOUTH CREW		TREE REMOVAL	6.00	122.49	187.50	0.00	309.99	BRIAN WRICH	CODY WRIGHT	6.00	0.00	3.00	0.00
19-005509	NEW INSTALL		2224 N 1ST ST	TREE PLANTING	0.00	0.00	0.00	0.00	0.00	BRIAN WRICH	BRIAN WRICH	0.00	1.00	0.00	0.00
19-005510	PREVENTIVE MAINTENANCE			TREE TRIMMING	0.00	0.00	0.00	0.00	0.00	BRIAN WRICH	BRIAN WRICH	2.00	0.00	0.00	0.00
19-005522	NEW INSTALL			TREE PLANTING	2.00	49.62	12.78	0.00	62.40	BRIAN WRICH	BRIAN WRICH	0.00	1.00	1.00	0.00
19-005616				TREE REMOVAL	3.00	102.15	111.40	0.00	213.55	BRIAN WRICH	CODY WRIGHT	0.00	0.00	1.00	0.00
19-005621				TREE REMOVAL	12.00	211.32	285.42	0.00	496.74	BRIAN WRICH	CODY WRIGHT	0.00	0.00	1.00	0.00
19-005623				TREE REMOVAL	3.00	99.17	111.40	0.00	210.57	BRIAN WRICH	BRIAN WRICH	0.00	0.00	1.00	0.00
19-005625				TREE REMOVAL	9.00	306.45	236.40	0.00	542.85	BRIAN WRICH	BRIAN WRICH	0.00	0.00	1.00	0.00
19-005626			1956 N 20TH ST	TREE REMOVAL	3.00	93.69	111.40	0.00	205.09	BRIAN WRICH	CODY WRIGHT	0.00	0.00	1.00	0.00
19-005627			2148 N 22ND ST	TREE REMOVAL	2.00	70.34	127.74	0.00	198.08	BRIAN WRICH	JAMES ELKINS	0.00	0.00	1.00	0.00
19-005628			2206 N 22ND ST	TREE REMOVAL	2.00	70.34	127.74	0.00	198.08	BRIAN WRICH	JAMES ELKINS	0.00	0.00	2.00	0.00
19-005629				TREE REMOVAL	4.00	135.53	127.74	0.00	263.27	BRIAN WRICH	JAMES ELKINS	0.00	0.00	1.00	0.00
19-005632				TREE REMOVAL	3.00	110.94	111.40	0.00	222.34	BRIAN WRICH	BRIAN WRICH	0.00	0.00	1.00	0.00
19-005633				TREE REMOVAL	8.00	271.06	206.58	0.00	477.64	BRIAN WRICH	JAMES ELKINS	0.00	0.00	1.00	0.00
19-005634				TREE REMOVAL	8.00	282.68	298.90	0.00	581.58	BRIAN WRICH	JAMES ELKINS	0.00	0.00	1.00	0.00
19-005635				TREE REMOVAL	4.00	135.53	127.74	0.00	263.27	BRIAN WRICH	JAMES ELKINS	0.00	0.00	2.00	0.00
19-005637				TREE REMOVAL	4.00	135.53	127.74	0.00	263.27	BRIAN WRICH	JAMES ELKINS	0.00	0.00	2.00	0.00
19-005639			1421 N 18TH ST	TREE REMOVAL	2.00	73.32	127.74	0.00	201.06	BRIAN WRICH	BRIAN WRICH	0.00	0.00	1.00	0.00
19-005641				TREE REMOVAL	12.00	443.76	298.90	0.00	742.66	BRIAN WRICH	BRIAN WRICH	0.00	0.00	2.00	0.00

WO Number	Problem	Crew	Address	Main Task	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Total Cost	Assigned By	Lead Worker	Trees Trimmed	Trees Planted	Trees Removed	Trees Treated
19-005642				TREE REMOVAL	3.00	52.83	78.84	0.00	131.67	BRIAN WRICH	CODY WRIGHT	0.00	0.00	2.00	0.00
19-005643				TREE REMOVAL	6.00	221.88	153.36	0.00	375.24	BRIAN WRICH	BRIAN WRICH	0.00	0.00	1.00	0.00
19-005646			1732 N 20TH ST	TREE REMOVAL	10.00	320.00	278.50	0.00	598.50	BRIAN WRICH	BRIAN WRICH	0.00	0.00	2.00	0.00
19-005647			1808 N 20TH ST	TREE REMOVAL	4.00	131.31	111.40	0.00	242.71	BRIAN WRICH	CODY WRIGHT	0.00	0.00	1.00	0.00
19-005648			1631 N 19TH ST	TREE REMOVAL	3.00	90.71	111.40	0.00	202.11	BRIAN WRICH	CODY WRIGHT	0.00	0.00	1.00	0.00
19-005649			1635 N 19TH ST	TREE REMOVAL	6.00	181.42	138.60	0.00	320.02	BRIAN WRICH	CODY WRIGHT	0.00	0.00	1.00	0.00
19-005650			1615 N 19TH ST	TREE REMOVAL	6.00	181.42	173.90	0.00	355.32	BRIAN WRICH	CODY WRIGHT	0.00	0.00	2.00	0.00
19-005651			1555 N 19TH ST	TREE REMOVAL	6.00	195.82	125.00	0.00	320.82	BRIAN WRICH	CODY WRIGHT	0.00	0.00	1.00	0.00
19-005652			1503 N 17TH ST	TREE REMOVAL	3.00	110.94	111.40	0.00	222.34	BRIAN WRICH	BRIAN WRICH	0.00	0.00	1.00	0.00
19-005653			1657 N 16TH ST	TREE REMOVAL	3.00	110.94	111.40	0.00	222.34	BRIAN WRICH	BRIAN WRICH	0.00	0.00	1.00	0.00
19-005655				TREE REMOVAL	8.00	259.44	375.00	0.00	634.44	BRIAN WRICH	BRIAN WRICH	0.00	0.00	1.00	0.00
19-005658				TREE REMOVAL	3.00	102.15	111.40	0.00	213.55	BRIAN WRICH	BRIAN WRICH	0.00	0.00	1.00	0.00
19-005661		FORESTRY SOUTH CREW		TREE REMOVAL	3.00	102.48	90.86	0.00	193.34	BRIAN WRICH	BRIAN WRICH	0.00	0.00	1.00	0.00
19-005669				TREE REMOVAL	80.00	2,765.12	2,782.40	0.00	5,547.52	BRIAN WRICH	BRIAN WRICH	0.00	0.00	5.00	0.00
19-005670				TREE REMOVAL	2.00	61.88	111.40	0.00	173.28	BRIAN WRICH	BRIAN WRICH	0.00	0.00	1.00	0.00
19-005671				TREE REMOVAL	80.00	2,765.12	1,953.70	0.00	4,718.82	BRIAN WRICH	BRIAN WRICH	0.00	0.00	7.00	0.00
19-005672				TREE REMOVAL	9.00	297.51	163.47	0.00	460.98	BRIAN WRICH	JAMES ELKINS	0.00	0.00	1.00	0.00
19-005731				TREE STUMP REMOVAI	14.00	480.13	474.60	0.00	954.73	BRIAN WRICH	DAN WIEDRICH	0.00	0.00	0.00	6.00
20-000438	CLEARANCE ISSUE	FORESTRY SOUTH CREW		TREE RAISING	1.00	37.29	41.96	0.00	79.25	BRIAN WRICH	BRIAN WRICH				
20-000447				TREE STUMP REMOVAI	13.00	445.84	440.70	0.00	886.54	BRIAN WRICH	DAN WIEDRICH	0.00	0.00	0.00	4.00
20-000532	DECLINING			TREE REMOVAL	6.00	209.24	125.00	0.00	334.24	BRIAN WRICH	DAN WIEDRICH	0.00	0.00	2.00	0.00

WO Number	Problem	Crew	Address	Main Task	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Total Cost	Assigned By	Lead Worker	Trees Trimmed	Trees Planted	Trees Removed	Trees Treated
20-000533	DECLINING			TREE REMOVAL	6.00	209.24	76.38	0.00	285.62	BRIAN WRICH	DAN WIEDRICH	0.00	0.00	2.00	0.00
20-000550	TREE DOWN	FORESTRY SOUTH CREW	1900 E MAIN ST	TREE REMOVAL	4.00	130.47	109.76	0.00	240.23	BRIAN WRICH	BRIAN WRICH	0.00	0.00	2.00	0.00
20-000640				TREE STUMP REMOVAI	29.00	994.56	983.10	0.00	1,977.66		DAN WIEDRICH	0.00	0.00	8.00	0.00
20-000651				TREE STUMP REMOVAI	4.00	137.18	135.60	0.00	272.78		DAN WIEDRICH	0.00	0.00	3.00	0.00
20-000667				TREE STUMP REMOVAI	4.00	137.18	0.00	0.00	137.18		DAN WIEDRICH	0.00	0.00	1.00	0.00
20-000733				TREE REMOVAL	3.00	102.15	62.50	0.00	164.65	BRIAN WRICH	BRIAN WRICH	0.00	0.00	1.00	0.00
20-000738				TREE STUMP REMOVAI	10.00	342.95	339.00	0.00	681.95		DAN WIEDRICH	0.00	0.00	6.00	0.00
20-000903				TREE STUMP REMOVAI	7.00	240.07	249.31	0.00	489.38		DAN WIEDRICH	0.00	0.00	5.00	0.00
20-000904				TREE STUMP REMOVAI	7.00	240.07	249.31	0.00	489.38		DAN WIEDRICH	0.00	0.00	5.00	0.00
20-000906				TREE STUMP REMOVAI	8.00	274.36	284.92	0.00	559.28		DAN WIEDRICH	0.00	0.00	5.00	0.00
20-000907				TREE STUMP REMOVAI	7.00	240.07	249.31	0.00	489.38		DAN WIEDRICH	0.00	0.00	3.00	0.00
20-000999				TREE STUMP REMOVAI	14.00	480.13	498.61	0.00	978.74		DAN WIEDRICH	0.00	0.00	11.00	0.00
20-001109				TREE STUMP REMOVAI	1.00	28.83	71.23	0.00	100.06	BRIAN WRICH	JAMIE BODA	0.00	0.00	0.00	1.00
20-001240	PEST OR DISEASE INFESTATION	PLANT HEALTH		TREE SPRAYING	2.00	57.66	28.64	0.00	90.60	BRIAN WRICH	JAMIE BODA	0.00	0.00	0.00	2.00
20-001298				TREE RAISING	4.00	90.10	84.40	0.00	174.50	BRIAN WRICH	JAMES ELKINS	3.00	0.00	0.00	0.00
20-001357	PREVENTIVE MAINTENANCE	PLANT HEALTH		TREE SPRAYING	14.00	403.62	200.48	0.00	651.40		JAMIE BODA	0.00	0.00	0.00	118.00
20-001389	DEAD	FORESTRY NORTH CREW		TREE REMOVAL	0.00	0.00	0.00	0.00	0.00	BRIAN WRICH	CODY WRIGHT	0.00	0.00	1.00	0.00
20-001390	NEW INSTALL	FORESTRY SOUTH CREW		TREE PLANTING	0.00	0.00	0.00	0.00	0.00	BRIAN WRICH	BRIAN WRICH	0.00	2.00	0.00	0.00
20-001391	NEW INSTALL	FORESTRY NORTH CREW		MEMORIAL TREE TREE	0.00	0.00	12.78	0.00	12.78	BRIAN WRICH	BRIAN WRICH	0.00	1.00	0.00	0.00
20-001394	NEW INSTALL	FORESTRY SOUTH CREW		TREE PLANTING	2.00	49.62	12.78	0.00	62.40	BRIAN WRICH	BRIAN WRICH	0.00	1.00	0.00	0.00
20-001395	PREVENTIVE MAINTENANCE	FORESTRY SOUTH CREW		TREE REMOVAL	4.00	81.66	157.68	0.00	239.34	BRIAN WRICH	CODY WRIGHT	0.00	0.00	1.00	0.00

WO Number	Problem	Crew	Address	Main Task	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Total Cost	Assigned By	Lead Worker	Trees Trimmed	Trees Planted	Trees Removed	Trees Treated
20-001518	SAFETY ISSUE	FORESTRY SOUTH CREW		TREE TRIMMING	2.00	74.91	78.84	0.00	153.75	BRIAN WRICH	BRIAN WRICH	1.00	0.00	0.00	0.00
20-001602	DEAD			TREE REMOVAL	32.00	602.88	726.74	0.00	1,329.62	BRIAN WRICH	CODY WRIGHT	0.00	0.00	3.00	0.00
20-001646	DEAD			TREE REMOVAL	13.00	290.69	339.27	0.00	629.96	BRIAN WRICH	JAMES ELKINS	0.00	0.00	1.00	0.00
20-001669				TREE PLANTING	13.50	250.54	31.95	0.00	282.49	ROB DAVIS	BRIAN WRICH	0.00	14.00	0.00	0.00
20-001670				TREE PLANTING	11.00	207.89	31.95	0.00	239.84	ROB DAVIS	BRIAN WRICH	0.00	14.00	0.00	0.00
20-001671				TREE PLANTING	6.00	72.00	38.34	0.00	110.34	ROB DAVIS	BRIAN WRICH	0.00	5.00	0.00	0.00
20-001672				TREE PLANTING	11.00	220.53	0.00	0.00	220.53	ROB DAVIS	BRIAN WRICH	0.00	10.00	0.00	0.00
20-001680				TREE REMOVAL	12.00	228.20	227.40	0.00	455.60	BRIAN WRICH	JAMES ELKINS	0.00	0.00	0.00	4.00
20-001793	NEW INSTALL	FORESTRY NORTH CREW	1914 N 22ND ST	TREE REMOVAL	0.00	0.00	0.00	0.00	0.00	BRIAN WRICH	JAMES ELKINS	0.00	1.00	1.00	0.00
20-001794	NEW INSTALL	FORESTRY SOUTH CREW		TREE PLANTING	1.00	12.00	12.78	0.00	24.78	BRIAN WRICH	BRIAN WRICH	0.00	1.00	0.00	0.00
20-001805	NEW INSTALL	FORESTRY NORTH CREW		MEMORIAL TREE TREE	2.00	78.13	0.00	0.00	78.13	BRIAN WRICH	BRIAN WRICH	0.00	1.00	0.00	0.00
20-001868	NEW INSTALL	FORESTRY NORTH CREW	1700 N 17TH ST	TREE PLANTING	2.00	24.00	12.78	0.00	36.78	BRIAN WRICH	BRIAN WRICH	0.00	1.00	0.00	0.00
20-001871	NEW INSTALL	FORESTRY SOUTH CREW		TREE PLANTING	2.00	49.62	12.78	0.00	62.40	BRIAN WRICH	JAMES ELKINS	0.00	1.00	0.00	0.00
20-001872	NEW INSTALL	FORESTRY SOUTH CREW		TREE PLANTING	2.00	49.62	12.78	0.00	62.40	BRIAN WRICH	BRIAN WRICH	0.00	1.00	0.00	0.00
20-001873	NEW INSTALL	FORESTRY SOUTH CREW		TREE PLANTING	2.00	49.62	12.78	0.00	62.40	BRIAN WRICH	ROB DAVIS	0.00	2.00	0.00	0.00
20-001874	NEW INSTALL	FORESTRY SOUTH CREW		TREE PLANTING	2.00	24.00	12.78	0.00	36.78	BRIAN WRICH	BRIAN WRICH	0.00	1.00	1.00	0.00
20-001875	NEW INSTALL	FORESTRY NORTH CREW	1733 N 17TH ST	TREE PLANTING	2.00	49.62	12.78	0.00	62.40		BRIAN WRICH	0.00	1.00	0.00	0.00
20-001876	NEW INSTALL	FORESTRY SOUTH CREW	810 N 9TH ST	TREE PLANTING	2.00	49.62	12.78	0.00	62.40	BRIAN WRICH	BRIAN WRICH	0.00	2.00	0.00	0.00
20-001878	NEW INSTALL	FORESTRY NORTH CREW		TREE PLANTING	2.00	78.13	12.78	0.00	90.91	BRIAN WRICH	BRIAN WRICH	0.00	2.00	0.00	0.00
20-001881				TREE PLANTING	2.00	49.62	12.78	0.00	62.40	BRIAN WRICH	ROB DAVIS	0.00	1.00	0.00	0.00
20-001882	NEW INSTALL	FORESTRY NORTH CREW		TREE PLANTING	2.00	49.62	12.78	0.00	62.40	BRIAN WRICH	ROB DAVIS	0.00	1.00	0.00	0.00

WO Number	Problem	Crew	Address	Main Task	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Total Cost	Assigned By	Lead Worker	Trees Trimmed	Trees Planted	Trees Removed	Trees Treated
20-001884				TREE PLANTING	16.00	267.76	161.40	0.00	429.16	ROB DAVIS	BRIAN WRICH	0.00	27.00	0.00	0.00
20-001895				TREE STUMP REMOVAl	0.00	0.00	0.00	0.00	0.00	BRIAN WRICH	CODY WRIGHT	0.00	0.00	0.00	1.00
20-001897	NEW INSTALL	FORESTRY SOUTH CREW		TREE PLANTING	0.00	0.00	0.00	0.00	0.00	BRIAN WRICH	JAMES ELKINS	0.00	1.00	0.00	0.00
20-001926		PLANT HEALTH		TREE SPRAYING	4.00	115.32	57.28	0.00	189.80	JAMIE BODA	JAMIE BODA	0.00	0.00	0.00	17.00
20-001929	PEST OR DISEASE INFESTATION	PLANT HEALTH		TREE SPRAYING	0.00	0.00	0.00	0.00	0.00		JAMIE BODA	0.00	0.00	0.00	0.00
20-001930	PEST OR DISEASE INFESTATION	PLANT HEALTH		TREE SPRAYING	2.00	57.66	28.64	0.00	90.60		JAMIE BODA	0.00	0.00	0.00	4.00
20-001931	PEST OR DISEASE INFESTATION	PLANT HEALTH		TREE SPRAYING	2.00	57.66	28.64	0.00	90.60		JAMIE BODA	0.00	0.00	0.00	5.00
20-001933	PEST OR DISEASE INFESTATION	PLANT HEALTH		TREE SPRAYING	2.00	57.66	42.96	0.00	113.52		JAMIE BODA	0.00	0.00	0.00	0.00
20-001934	PEST OR DISEASE INFESTATION	PLANT HEALTH		TREE SPRAYING	2.00	57.66	14.32	0.00	84.88		JAMIE BODA	0.00	0.00	0.00	9.00
20-001935	IMMEDIATE HAZARD			TREE REMOVAL	2.00	61.88	22.64	0.00	84.52	BRIAN WRICH	JAMES ELKINS	0.00	0.00	1.00	0.00
20-001936	PEST OR DISEASE INFESTATION	PLANT HEALTH		TREE SPRAYING	8.00	230.64	114.56	0.00	345.20		JAMIE BODA	0.00	0.00	0.00	38.00
20-001937	PEST OR DISEASE INFESTATION	PLANT HEALTH		TREE SPRAYING	4.00	115.32	57.28	0.00	185.50		JAMIE BODA	0.00	0.00	0.00	22.00
20-001938				MEMORIAL TREE TREE	2.00	49.29	12.78	0.00	62.07	BRIAN WRICH	BRIAN WRICH	0.00	1.00	0.00	0.00
20-001939	PEST OR DISEASE INFESTATION	PLANT HEALTH		TREE SPRAYING	3.00	86.49	42.96	0.00	146.65		JAMIE BODA	0.00	0.00	0.00	0.00
20-001940	PEST OR DISEASE INFESTATION	PLANT HEALTH		TREE SPRAYING	3.00	86.49	42.96	0.00	139.25		JAMIE BODA	0.00	0.00	0.00	0.00
20-001942	PEST OR DISEASE INFESTATION	PLANT HEALTH		TREE SPRAYING	8.00	230.64	114.56	0.00	480.67		JAMIE BODA	0.00	0.00	0.00	0.00
20-001945	PEST OR DISEASE INFESTATION	PLANT HEALTH		TREE SPRAYING	3.00	86.49	42.96	0.00	182.82		JAMIE BODA	0.00	0.00	0.00	0.00
20-001947	PREVENTIVE MAINTENANCE	PLANT HEALTH		TREE SPRAYING	1.00	28.83	14.32	0.00	55.47		JAMIE BODA	0.00	0.00	0.00	0.00
20-001948	PEST OR DISEASE INFESTATION	PLANT HEALTH	1301 E SHERWOOD DR	TREE SPRAYING	3.00	86.49	42.96	0.00	142.35		JAMIE BODA	0.00	0.00	0.00	0.00
20-001952	PEST OR DISEASE INFESTATION	PLANT HEALTH		TREE SPRAYING	0.00	0.00	0.00	0.00	0.00		JAMIE BODA	0.00	0.00	0.00	0.00
20-002033			1907 N 3RD CT	TREE PLANTING	0.00	0.00	0.00	0.00	0.00	BRIAN WRICH	BRIAN WRICH	0.00	1.00	0.00	0.00

WO Number	Problem	Crew	Address	Main Task	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Total Cost	Assigned By	Lead Worker	Trees Trimmed	Trees Planted	Trees Removed	Trees Treated
20-002059	LIMB DOWN	FORESTRY SOUTH CREW		TREE TRIMMING	0.50	18.65	28.43	0.00	47.08	BRIAN WRICH	BRIAN WRICH				
20-002081	NEW INSTALL	FORESTRY SOUTH CREW		TREE PLANTING	3.50	137.62	12.78	0.00	150.40	BRIAN WRICH	BRIAN WRICH	0.00	1.00	0.00	0.00
20-002107	WIND DAMAGE	FORESTRY SOUTH CREW	624 N 5TH ST	LIMB PICK UP	0.00	0.00	12.78	0.00	12.78	BRIAN WRICH	ROB DAVIS	0.00	0.00	0.00	1.00
20-002109	WIND DAMAGE	FORESTRY SOUTH CREW		TREE REMOVAL	0.00	0.00	0.00	0.00	0.00	BRIAN WRICH	BRIAN WRICH				
20-002110	WIND DAMAGE	FORESTRY SOUTH CREW		LIMB PICK UP	1.00	37.29	56.85	0.00	94.14	BRIAN WRICH	BRIAN WRICH				
20-002111	CITIZEN REQUEST	FORESTRY SOUTH CREW		TREE TRIMMING	0.00	0.00	0.00	0.00	0.00	BRIAN WRICH	BRIAN WRICH				
20-002114	DECLINING	FORESTRY NORTH CREW	1706 N 19TH ST	TREE REMOVAL	0.00	0.00	0.00	0.00	0.00	BRIAN WRICH	BRIAN WRICH	0.00	0.00	1.00	0.00
20-002118	NEW INSTALL	FORESTRY NORTH CREW		TREE PLANTING	2.00	74.58	12.78	0.00	87.36	BRIAN WRICH	BRIAN WRICH	0.00	2.00	0.00	0.00
20-002134	LIMB DOWN	FORESTRY SOUTH CREW		TREE TRIMMING	0.00	0.00	0.00	0.00	0.00	ROB DAVIS	JAMES ELKINS	0.00	0.00	0.00	1.00
20-002154	LIMB DOWN	FORESTRY SOUTH CREW		TREE TRIMMING	2.00	45.05	0.00	0.00	45.05	BRIAN WRICH	JAMES ELKINS	1.00	0.00	0.00	0.00
20-002157	SITE DISTANCE	FORESTRY SOUTH CREW		TREE REMOVAL	4.00	123.76	0.00	0.00	123.76	BRIAN WRICH	JAMES ELKINS	1.00	0.00	0.00	0.00
20-002159	DECLINING	FORESTRY NORTH CREW		MEMORIAL TREE TREE	2.00	78.13	12.78	0.00	90.91	BRIAN WRICH	BRIAN WRICH	0.00	2.00	0.00	0.00
20-002164	DEAD	FORESTRY SOUTH CREW		TREE REMOVAL	2.00	40.83	56.85	0.00	97.68	BRIAN WRICH	BRIAN WRICH	0.00	0.00	3.00	0.00
20-002167	PREVENTIVE MAINTENANCE	FORESTRY SOUTH CREW		TREE TRIMMING	0.00	0.00	0.00	0.00	0.00	BRIAN WRICH	BRIAN WRICH	2.00	0.00	0.00	0.00
20-002178	DEAD	FORESTRY NORTH CREW		TREE REMOVAL	6.00	135.15	383.22	0.00	518.37	BRIAN WRICH	JAMES ELKINS	0.00	0.00	1.00	0.00
20-002200	DEAD			TREE REMOVAL	12.00	244.98	492.00	0.00	736.98	BRIAN WRICH	BRIAN WRICH	0.00	0.00	2.00	0.00
20-002237	PREVENTIVE MAINTENANCE	PLANT HEALTH		TREE TRIMMING	0.00	0.00	0.00	0.00	0.00	BRIAN WRICH	JAMIE BODA	0.00	0.00	0.00	0.00
20-002238	LIMB DOWN	FORESTRY SOUTH CREW		LIMB PICK UP	4.00	90.10	115.48	0.00	205.58	BRIAN WRICH	BRIAN WRICH	0.00	0.00	0.00	0.00
20-002240	PREVENTIVE MAINTENANCE	FORESTRY SOUTH CREW		TREE REMOVAL	6.00	122.49	263.43	0.00	385.92	BRIAN WRICH	BRIAN WRICH	0.00	0.00	1.00	0.00
20-002292	BROKEN HANGING	FORESTRY SOUTH CREW		TREE TRIMMING	5.00	123.15	0.00	0.00	123.15	ROB DAVIS	JAMES ELKINS	1.00	0.00	0.00	0.00
20-002294	LIMB DOWN	FORESTRY SOUTH CREW		LIMB PICK UP	4.00	90.10	113.70	0.00	203.80	BRIAN WRICH	JAMES ELKINS	1.00	0.00	0.00	0.00

WO Number	Problem	Crew	Address	Main Task	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Total Cost	Assigned By	Lead Worker	Trees Trimmed	Trees Planted	Trees Removed	Trees Treated
20-002354	DEAD			TREE PLANTING	6.00	189.63	35.42	0.00	225.05	BRIAN WRICH	BRIAN WRICH	0.00	19.00	0.00	0.00
20-002356		FORESTRY SOUTH CREW		TREE REMOVAL	68.00	1,998.20	1,300.80	0.00	3,299.00	BRIAN WRICH	JAMES ELKINS	1.00	0.00	3.00	0.00
20-002358				TREE REMOVAL	40.00	1,115.00	1,766.40	0.00	2,881.40	BRIAN WRICH	JAMES ELKINS	1.00	0.00	3.00	0.00
20-002362				TREE PLANTING	2.00	78.13	12.78	0.00	90.91	BRIAN WRICH	BRIAN WRICH	0.00	3.00	0.00	0.00
20-002438		PLANT HEALTH		TREE SPRAYING	0.00	0.00	0.00	0.00	0.00	BRIAN WRICH	JAMIE BODA	0.00	0.00	0.00	0.00
20-002457		PLANT HEALTH		TREE SPRAYING	11.00	317.13	157.52	0.00	474.65		JAMIE BODA	0.00	0.00	0.00	138.00
20-002458		PLANT HEALTH		TREE SPRAYING	8.00	230.64	114.56	0.00	345.20		JAMIE BODA	0.00	0.00	0.00	90.00
20-002459		PLANT HEALTH		TREE SPRAYING	8.00	230.64	114.56	0.00	345.20		JAMIE BODA	0.00	0.00	0.00	89.00
20-002462		PLANT HEALTH		TREE SPRAYING	0.00	0.00	0.00	0.00	0.00		JAMIE BODA	0.00	0.00	0.00	0.00