

IMPLEMENTATION



DESIGNWORKSHOP

5th St Š 4th St

Implementation Plan

Phase One

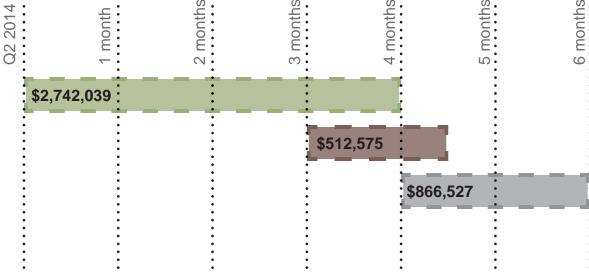
Park Proper: Construction will occur within the confines of the Park Proper while maintaining pedestrian circulation along the streetscapes and through the Federal Plaza. Park improvements will target a completion time of four months and allow for a "resting" period of two months for establishment. All connections and utility lines will be installed and stubbed in anticipation of the Restaurant Kiosk and Support Building, which will be constructed during Phase Two. With this implementation scheme, the entire Park will be realized in one construction scope, with construction following a logical sequence without re-mobilization costs.

Phase Two

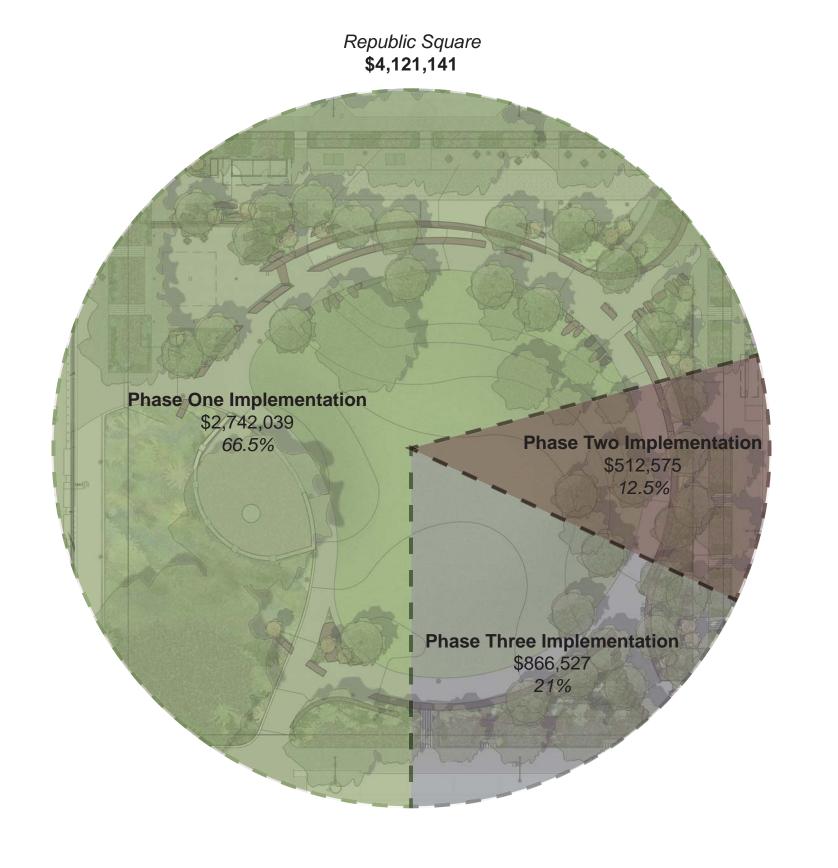
Buildings: During the two month "resting" period, construction on the Restaurant Kiosk and Support Building will commence in an isolated construction footprint without impacting the newly installed Phase One.

Phase Three

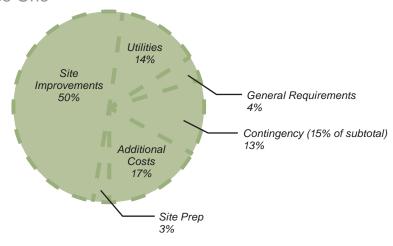
Right-of-Way Streetscape-Public Works: After the landscape improvements occur within the Park Proper, the Public Works "Great Streets" improvements will complete the Park. Ideally, each streetscape ROW would be it's own Phase as these streets undergo their anticipated Public Works improvements.



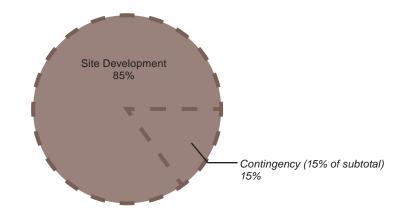
Implementation Costing



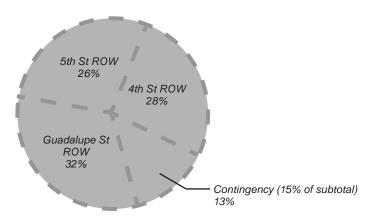
Phase One



Phase Two



Phase Three





Phase One Implementation

Phase One



Park Proper: PARD currently has \$1,600,000 to invest in Phase One, leaving a necessary \$1,142,039 funding gap to complete Phase One. This capital cost deficit can be raised by identifying funding opportunities within existing City of Austin Codes and Ordinances. Republic Square Park is slowly undergoing adjoining edge transformations, experiencing growth and development. These developments can tie City of Austin ordinance requirements directly to the Park and offset the initial construction deficit while also building the annual Operations and Maintenance budget.

Capital Cost Funding Opportunities

Parkland Dedication Watershed Protection Fee In Lieu City of Austin Bond Federal Courthouse San Antonio St Sale Travis County Courthouse **Hotel Taxes**

Operations and Maintenance Funding (Annual Recurrence)

Hotel Taxes Concessions **Donations** Park Rental Non-Profit

Phase Two Implementation

Phase Two

Buildings: PARD currently has \$1,600,000 to invest in Phase One leaving all of the \$512,575 budget as a necessary funding gap to complete Phase Two. As identified in Phase One, there are existing funding opportunities within the City of Austin's Codes of Ordinances. Republic Square Park is slowly undergoing adjoining edge transformations, experiencing growth and development. These developments can tie City of Austin Ordinance Requirements directly to the Park and offset the initial construction deficit while also building the annual Operations and Maintenance budget.

Capital Cost Funding Opportunities

Parkland Dedication
Watershed Protection Fee In Lieu
City of Austin Bond
Federal Courthouse San Antonio St Sale
Travis County Courthouse
Hotel Taxes

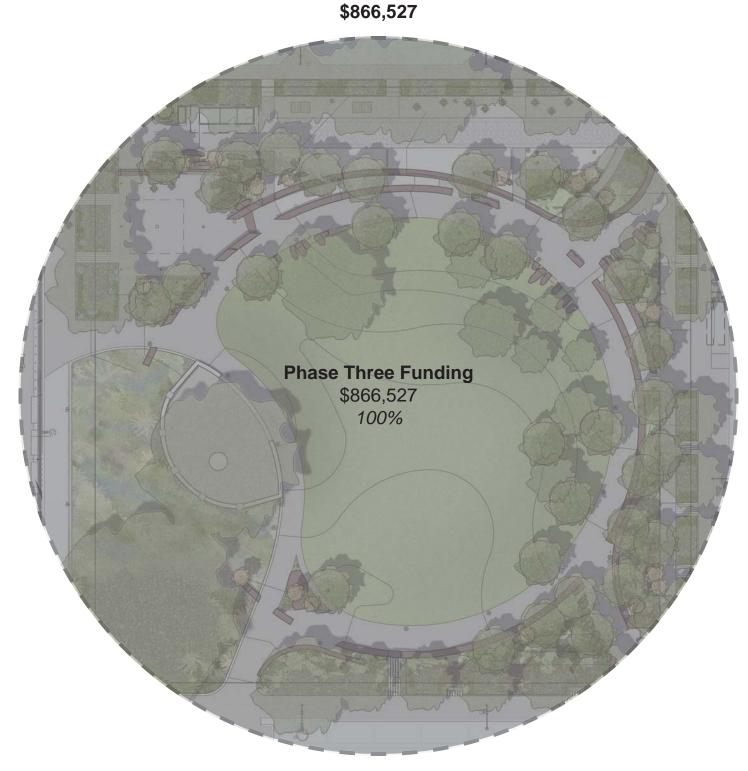
Operations and Maintenance Funding (Annual Recurrence)

Hotel Taxes Concessions Donations Park Rental Non-Profit

Republic Square - Phase Two \$512,575



124 | Implementation REPUBLIC SQUARE | Austin, Texas



Republic Square - Phase Three

Phase Three Implementation

Phase Three

Right-of-Way Streetscape - Public Works:
Identifying the streetscapes as Public Works
projects allows available funds to be funneled
to immediate needs, i.e. the Park proper. Public
Works can initiate Bond Packages to fund
existing plans for the bordering streetscapes;
The 5th St Mexican-American Heritage
Corridor, CapMetro Rapid Bus (Guadalupe St)
and Future Rail Spur (4th St). These bordering
streetscape block improvements can hold until
their correlating Public Works projects kickoff
and funding is available.

Capital Cost Funding Opportunities

Public Works City of Austin Bond

Operations and Maintenance Funding (Annual Recurrence)

Hotel Taxes Concessions Donations Park Rental Non-Profit

Implementation Summary Schedule

Operations and Maintenance (O+M)

Based on the design concept, ETM has identified an O+M cost of \$350,563 annually (refer to Figure 5 of the ETM Republic Square Park Report). These budget costs include all costs, 'both personnel and non-personnel associated with the annual maintenance and management of the park.' This budget of \$185,000 per acre is comparable to the ETM Case Studies average O+M (refer to Figure 7 of the ETM Republic Square Park Report).

Business Plan

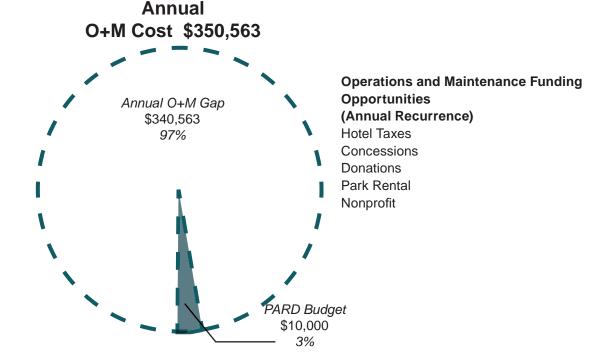
The business plan sets up the operating/ governance model, the planned functional components, the operational needs with final operating costs and finally a detailed implementation plan with specific actions, timelines, organizational impact, assessment, operational needs and budget. The business plan is necessary to meet the operational and organizational needs and requirements for public-private partnerships in Republic Square.

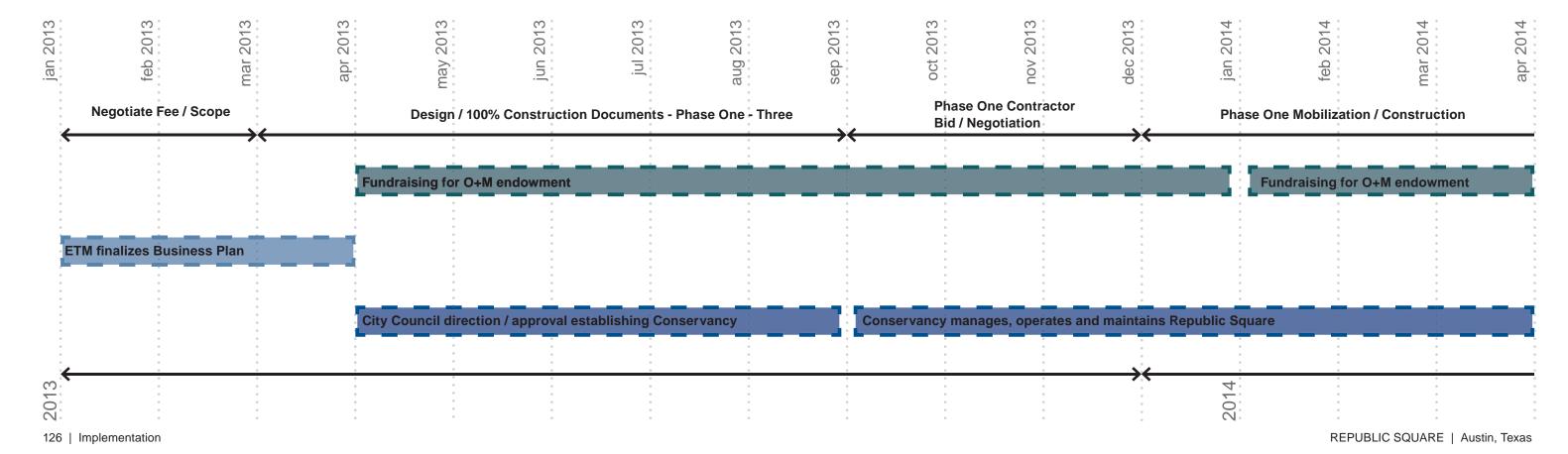
Partners

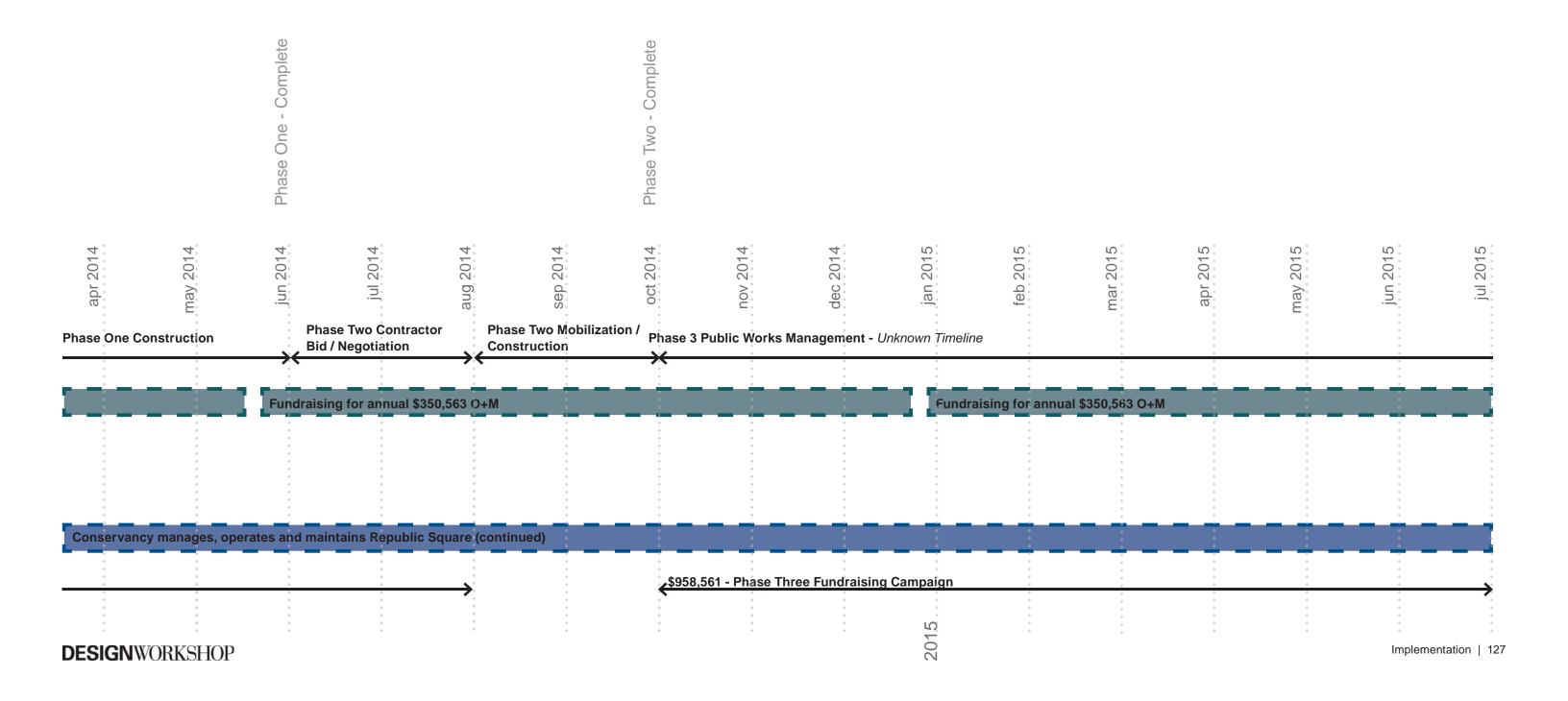
The ETM Republic Square Report outlines four different management options for consideration:

- Option 1- APF Manages the Park in Partnership with PARD;
- Option2- DAA Contractually Manages the Park;
- Option 3- APF Manages the Park; or
- **Option 4-** Formation of a New Downtown Non-Profit to Manage the Park.

Refer to the ETM Republic Square Report for more information on these four options.







G Z

COA Republic SquareCity of Austin-Republic Square

Design Workshop Conceptual Dwgs Dated 11-5-2012 EUDACORPS

2/8/2013

Item

COA Republic Square

EUDACORP[®]

Amount

Total

Unit Cost

City of Austin-Republic Square Design Workshop Conceptual Dwgs Dated 11-5-2012

			=	otal
Description		Quantity	Unit Cost	Amount
	200 PARK PROPER			
G	BUILDING SITEWORK			2,156,823
G Z	GENERAL REQUIREMENTS			111,117
200 PARK PRO	PER			2,267,940
	201 ROW GUADALL	IPE PUBLIC TRANSIT COR	RIDOR	
G	BUILDING SITEWORK		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	239,827
Z	GENERAL REQUIREMENTS			2,000
201 ROW GUAL	ALUPE PUBLIC TRANSIT			241,827
CORRIDOR				
	202 ROW 4TH STRE	ET CORRIDOR		
G	BUILDING SITEWORK			205,499
Z	GENERAL REQUIREMENTS			5,000
202 ROW 4TH S	TREET CORRIDOR			210,499
	203 ROW FEDERAL	COURTHOUSE PLAZA		
G	BUILDING SITEWORK			162,627
203 ROW FEDE	RAL COURTHOUSE PLAZA			162,627
	204 ROW 5TH STRE	ET CORRIDOR		
		CONTROL DANGE PARTICIPATION DESCRIPTION		

Estimate Totals

	Percent of Total	Rate	Totals	Amount	Description
					Labor
					Material
	74.68%			3,077,864	Subcontract
					Equipment
	7-3				Other
74.68%	74.68		3,077,864	3,077,864	Total Direct Cost
	2.24%	3.000 %		92,336	GENERAL REQUIREMENTS
	5.60%	7.500 %		230,840	GENERAL CONDITIONS
82.53%	7.84		3,401,040	323,176	Subtotal
	0.64%	0.770 %		26,188	GENERAL LIABILITY
	0.07%	0.085 %		2,913	BUILDERS RISK
	0.99%			40,659	BOND
84.22%	1.69		3,470,800	69,760	Subtotal
	2.74%	3.250 %		112,801	CONTRACTORS FEE
86.96%	2.74		3,583,601	112,801	Subtotal
	13.04%	15.000 %		537,540	CONTINGENCY
			4,121,141		Total

Takeoff Qty

200 PARK PROPER

Description

G	BUILDING SITEWORK				
G10	SITE PREPARATION			_	
G1030	EARTHWORK		2)		
70-0100-0100	Clear & Grub Site	0.80	ACRE	2,500.00 /ACRE	2,000
70-0100-0100	Site Demolition, By Others				
70-0100-0100	Hazardous Waste Removals, 10' x 20' vault, pipes and fountain adjacent to Heritage Tree, Allowance	1.00	ALW	15,000.00 /ALW	15,000
70-0100-0100	Remove 12" soil at Turf Areas	580.00	CY	12.00 /CY	6,960
70-0400-0100	Fine Grade Turf Areas	1,740.00	SY	2.25 /SY	3,915
70-0400-0100	Fine Grade Site, at buildings	80.00	SY	5.00 /SY	400
30-0000-0400	Silt Fence, assume site perimeter	1,144.00	LF	5.00 /LF	5,720
30-0000-0400	Construction Entrance, assume 3 ea. at 25*25	1,875.00	SF	1.75 /SF	3,281
30-0000-0400	Erosion Control Maintenance	4.00	MO	250.00 /MO	1,000
30-0000-0400	Spoil and haul off berms, includes 35% swell	998.00	CY	18.00 /CY	17,964
70-0100-0100	Root Tunnels to connect healthy soils, airspade, 24" x 24"	563.00	LF	5.00 /LF _	2,815
	G1030 EARTHWORK				59,055
	G10 SITE PREPARATION				59,055
G20	SITE IMPROVEMENTS				
G2031	PAVING & SURFACING				
70-0200-0100	Radiant Red Granite Cobble	480.00	SF	35.00 /SF	16,800
70-0200-0100	Crushed Stone Surface	3,260.00	SF	4.50 /SF	14,670
70-0200-0100	Cast-in-place Steps	50.00	SF	35.00 /SF	1,750
70-0200-0100	IPE Decking	1,800.00	SF	25.00 /SF	45,000
70-0200-0100	Leuder Limestone Paving	400.00	SF	14.00 /SF	5,600
70-0200-0100	Charcoal Unit Paver (Pedestrian), Republic Plaza	3,665.00	SF	12.50 /SF	45,813
70-0200-0100	Charcoal Unit Paver (Pedestrian), Arc Promenade	5,640.00	SF	12.50 /SF	70,500
70-0200-0100	Charcoal Unit Paver (Pedestrian), East End	4,152.00	SF	12.50 /SF	51,900
70-0200-0100	Charcoal Unit Paver (Vehicular), North Drive	3,682.00	SF	16.00 /SF	58,912
70-0200-0100	Charcoal Unit Paver (Vehicular), South Drive	2,606.00	SF	16.00 /SF	41,696
70-0200-0100	IPE Deck substructure w/ airspade for footings	1,800.00	SF	10.00 /SF	18,000
	G2031 PAVING & SURFACING				370,641
G2040	SITE DEVELOPMENT	4 4 4 4 00		22.00 #.5	20.242
70-0100-0400	Main Perimeter Fence	1,144.00	LF	23.00 /LF	26,312
200	link fence at Auction Oaks	145.00	LF	50.00 /LF —	7,250
	G2040 SITE DEVELOPMENT				33,562
G2041	SITE DEVELOPMENT-BUILDINGS		De continuo	A COMPANIE CONTRACTOR AND A CONTRACTOR A	
70-0100-0400	Restaurant Kiosk	350.00	SF	600.00 /SF	210,000
70-0100-0400	Park Storage	150.00	SF	250.00 /SF	37,500
70-0100-0400	Park Restrooms G2041 SITE DEVELOPMENT-BUILDINGS	300.00	SF	450.00 /SF _	135,000 382,500
G2042	RETAINING WALLS	93 - 894-0400 PANAMODEN	#3(E)	60003 Setting 101 Set	2002 _0.0054.
XX-0000-X001	Tube Steel Rail- 1 1/2" diameter tube	1,335.00	LF	65.00 /LF	86,775

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BUILDING SITEWORK GENERAL REQUIREMENTS

204 ROW 5TH STREET CORRIDOR

Page 1

189,971

194,971

5,000

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2/8/2013

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EUDACORP'S

City of Austin-Republic Square
Design Workshop
Conceptual Dwgs Dated 11-5-2012

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Design Workshop
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			Tot	al				Total	
Item	Description	Takeoff Qty	Unit Cost	Amount	Item	Description	Takeoff Qty	Unit Cost	Amount
G2042	RETAINING WALLS				G2050	LANDSCAPING			
XX-0000-X001	Hand Rail at Steps- painted black and constructed of simple tube or flat bar material	6.00 L	.F 85.00 /LF	510	70-0100-0100	Slope Soil at Proposed Lawns, decompact to 12" depth & amend with compost	9,700.00 SF	3.00 /SF	29,100
XX-0000-X001	Center Railing at Steps- painted black and	3.00 L	.F 155.00 /LF	465	200	Mulch, 4", at airspaded areas	8,074.00 SF	0.50 /SF	4,037
	constructed of simple tube or flat bar material				X001	Creek Edge and Bank Planting	6,220.00 SF		37,320
70-0100-0100	Radiant Red Granite Wall, 6"	44.00 L	F 132.00 /LF	5,808	X001	Lavender and Seasonal Planting	1,316.00 SF	6.00 /SF	7,896
70-0100-0100	Radiant Red Granite Wall, 12"	114.00 L		25,080	X001	Wildflower and Short Grass Meadow	4,470.00 SF		6,705
70-0100-0100	Radiant Red Granite Wall, 18"	141.00 L		40,044	X001	Hardy Foundation Plantings, 1 gal.	2,022.00 SF		12,132
70-0100-0100	Radiant Red Granite Wall, 24"	158.00 L	7.0	68,414	X001	Main Lawn, Note - Structural soil for main lawn	22,486.00 SF	3.50 /SF	78,701
70-0100-0100	Radiant Red Granite Tiered Wall, 12"	52.00 L		11,440		includes entire lawn area outside of existing trees			
70-0100-0100	Radiant Red Granite Tiered Wall, 18"	88.00 L 155.00 L		24,992	V004	to remain	2 072 00 05	45.00 (05	42.000
70-0100-0100	Radiant Red Granite Tiered Wall, 24" Radiant Red Granite Tiered Wall, 36"	155.00 L 20.00 L		67,115	X001 10-0000-0400	Drivable Lawn Plant Bed Preparation	2,872.00 SF 14,028.00 SF		43,080
70-0100-0100 70-0100-0100	CIP Retaining Wall, at Steps	24.00 E		13,400 1,320	10-0000-0400	Meadow Soils - Native Topsoil, Import & Spread,	14,026.00 SF 42.00 CY		6,313 1,386
70-0100-0100	CIP Retaining Wall, at Seats	115.00 S		6,325	10-0000-0400	3"	42.00 C1	33.00 /C1	1,300
70-0100-0100	Sawcut and Chisel Reveal into Granite	500.00 L		15,000	10-0000-0400	Turf- 2" rich topsoil mixed with bank sand	97.00 CY	40.00 /CY	3,880
70 0100 0100	G2042 RETAINING WALLS	000.00	00.00 721	366,688	10-0000-0400	Turf- 10" free-draining soil mix w/ moderate sand content	481.00 CY		19,240
G2044	SIGNAGE				10-0000-0400	Slope Soil at Lawn - 2" rich topsoil mixed with	60.00 CY	7 28.00 /CY	1,680
XX-0000-X001	Mexican-American Cultural Trail Node Sign	1.00 E	EA 1,200.00 /EA	1,200		bank sand			7,5,5,5
XX-0000-X001	Auction Oaks Information Sign, graphic intensive	1.00 E		1,200	X130	Texas Redbud, 3" cal	10.00 EA	550.00 /EA	5,500
	signage				X140	Big Tooth Maple, 5" cal	15.00 EA		27,000
XX-0000-X001	Park Background and Management Information	2.00 E	EA 7,500.00 /EA	15,000	X140	Burr Oak, 5" cal.	15.00 EA	1,200.00 /EA	18,000
	Sign, carved into granite boulder				X140	Anacacho Orchid	10.00 EA		6,500
XX-0000-X001	Park Entry Sign, "Republic Square", carved into	2.00 E	EA 7,500.00 /EA	15,000	X140	Relocate Tree 5036, 5" Burr Oak	1.00 EA		900
	granite boulder				X140	Relocate Tree 5037, 7" Shumard Oak	1.00 EA	# BANGER # 100 - 1	1,200
XX-0000-X001	Water Use Information Sign, graphic intensive	1.00 E	EA 1,500.00 /EA	1,500	X140	Relocate Tree 5041, 5" Cedar Elm	1.00 EA		900
)()/ 0000)/00/	signage					Root Barrier	1,078.00 LF		3,773
XX-0000-X001	Park Rules Sign, grafitti resistant		EA 750.00 /EA	3,000		Root Pruning Granite Boulders on Site	414.00 LF 13.00 EA		10,350 32,500
XX-0000-X001	Game Court Rules, grafitti resistant		EA 750.00 /EA ALW 2,500.00 /ALV	750 N 2500		Large Boulders at Biofiltration Area	3.00 EA	. H	9,000
XX-0000-X001	Kiosk Signage Allowance, kiosk operator, bathrooms, fire/emergency information	1.00 /	2,500.00 /AL	N 2,500		Edge Stones at Bank Planting	825.00 SF		5,363
XX-0000-X001	Temporary Signage - Signage for temporary maintenance closures - lawn reseed, etc.	1.00 A	ALW 500.00 /ALV	V 500	200	G2050 LANDSCAPING	023.00 31	0.30 731	439,549
	G2044 SIGNAGE			40,650	G2057	IRRIGATION SYSTEM			
	OZOTT SIGNAGE			40,030	90-0400-0600	6" Irrigation Sleeve	190.00 LF	20.00 /LF	3,800
G2045	SITE FURNISHINGS				XX-0000-X001	Deep water bubblers at Trees, 2 per tree	66.00 EA		4,950
70-0100-0100	Garbage and Recycling, PARD Standard Scarborough	8.00 E	EA 1,200.00 /EA	9,600	XX-0000-X001	Deep water bubblers at Trees, 2 per tree, at Existing Trees	66.00 EA	75.00 /EA	4,950
70-0100-0100	Site Bench Seat w. steel frames, imbedded posts & 1-1/2" x 3-1/2" lpe deck	166.00 \$	SF 35.00 /SF	5,810	XX-0000-X002	Rotor Spray Irrigation System at Lawns, manually controlled, installed by airspade	25,358.00 SF	0.35 /SF	8,875
70-0100-0100	Dog Waste Bag Dispenser, w/biodegradable bags	4.00 E	EA 450.00 /EA	1,800	XX-0000-X002	Subsurface Drip line at 4" below surface for shrub beds, installed by airspade	2,883.00 SF	0.55 /SF	1,586
70-0100-0100	Police Call Box	2.00 E	EA 1,500.00 /EA	3,000	XX-0000-X002	Double Check Backflow Preventer	1.00 EA	2,000.00 /EA	2,000
70-0100-0100	Park Table- Landscape forms, 30" round version,	14.00 E		16,800	XX-0000-X002	Irrigation Control Valve	21.00 EA		4,200
	ivy color		\$46786899 \$29 90 BUTTERS		XX-0000-X002	Irrigation Weather Control Station	1.00 EA	5,000.00 /EA	5,000
70-0100-0100	Park Chair- Landscapeforms, ivy color, 4 per table	56.00 E	EA 400.00 /EA	22,400		G2057 IRRIGATION SYSTEM		8	35,361
70-0100-0100	Washer Pits- Washer pits should include a 1/4" steel frame pinned to grade	2.00 \$	Secretaria de la compania del compania de la compania del compania de la compania del la compania de la compani	The Second Processage and		G20 SITE IMPROVEMENTS			1,737,410
70-0100-0100	Court Bumpers- 4" x 4" x 10' timber poles, stored in game area	1.00 L	.S 400.00 /LS	400	G30	CIVIL/MECHANICAL UTILITIES		_	
70-0100-0100	Ping Pong Table	2.00 E		3,000	.20.00.0				
70-0100-0100	Tent Ties	12.00 E		3,000	G3010	WATER SUPPLY	170.00		2010
70-0100-0100	Donor Bench- Existing bench dedicated to	1.00 E	EA 250.00 /EA	250	10-0000-0400	3/4" Potable Water Line	170.00 LF		2,040
	Charlie McCabe to be relocated			12 20 20 20 20 20 20 20 20 20 20 20 20 20	10-0000-0400	1" Potable Water Line	190.00 LF		2,660
	G2045 SITE FURNISHINGS			68,460	10-0000-0400 10-0000-0400	1.5" Potable Water Line 1" Water Line at Future Vault at Plaza Water	140.00 LF 15.00 LF		2,240 210
G2050 70-0100-0100	LANDSCAPING Aircrade for decompaction, assumed 6" depth	8,074.00 \$	SF 5.00 /SF	40,370	10-0000-0400	Feature 1" Water Line at Support Building	50.00 LF	14.00 /LF	700
10-0100-0100	Airspade for decompaction, assumed 6" depth, amend with compost	0,074.00 8	5.00 /SF	40,570	10-0000-0400	Hose Bib (Potable)	4.00 EA		1,400
70-0100-0100	Rake Mulch at Meadow Area	4,474.00 8	SF 0.35 /SF	1,566	10-0000-0400	Bottle Filling Station & Water Fountain	2.00 EA		5,000
70-0100-0100	Full-depth amended soils, for nutrition at	8,386.00		25,158	10-0000-0400	Future Vault at Plaza Water Feature, w/ hatch	1.00 EA		15,000
	plantings-non critical zones, amend with compost			,					The second secon
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COA Republic Square

EUDACORPS

City of Austin-Republic Square Design Workshop Conceptual Dwgs Dated 11-5-2012

				V	Total	227 0
Item	Description	Takeoff Qty		Unit Cost		Amount
	G3010 WATER SUPPLY				_	29,250
G3020	SANITARY SEWER					
70-0300-0100	6" PVC Sanitary Sewer Line at Grease Trap	30.00	LF	50.00	/LF	1,500
70-0300-0100	4" PVC Sanitary Sewer Line	26.00	LF	45.00	/LF	1,170
70-0300-0100	6" PVC Sanitary Sewer Line	68.00	LF	50.00	/LF	3,400
70-0400-0100	Grease Trap G3020 SANITARY SEWER	1.00	EA	4,700.00	/EA	4,700
	G3020 SANITARY SEWER					10,770
G3030	STORM SEWER					
70-0100-0100	6" Storm Sewer Line	46.00	LF	30.00		1,380
70-0100-0100	12" Storm Sewer Line	173.00	LF	40.00		6,920
70-0100-0100	18" Storm Sewer Line	74.00	LF	55.00		4,070
70-0100-0100	12" Storm Sewer Line to Bio Filtration Pond in Island	19.00	LF	40.00	/LF	760
70-0100-0100	6" Storm Sewer Line to Manhole	19.00	LF	30.00	/LF	570
70-0100-0100	Combination Inlet and Splitter Box	1.00	EA	3,500.00	/EA	3,500
70-0100-0100	Storm Sewer Manholes	2.00	EA	3,800.00	/EA	7,600
70-0100-0100	Rain Garden Filtering Soils & Systems, Allowance	1.00	ALW	20,000.00	/ALW	20,000
	G3030 STORM SEWER					44,800
	G30 CIVIL/MECHANICAL UTILITIES					84,820
G40	ELECTRICAL UTILITIES					
G4000	ELECTRICAL UTILITIES					
70-0200-0100	Custom Pole Lights, 4" dia heavy wall steel pole	30.00	EA	5,200.00	/EA	156,000
	w/ 3 LED fixtures					
70-0200-0100	Bollard Lights, full cutoff, black finish, for pathway lighting	8.00	EA	1,200.00	/EA	9,600
70-0200-0100	Step Light, 2 per step, shielded and embedded onto CIP steps, LED lamping	6.00	EA	450.00	/EA	2,700
70-0200-0100	Bench Seat Linear LED Strip Lights, downlight, 24"	83.00	LF	250.00	/LF	20,750
70-0200-0100	Police Call Box Lights, blue LED	3.00	EA	450.00	/E A	1,350
70-0200-0100	Architectural Building Lighting	4.00	EA	4,300.00		17,200
70-0200-0100	Flood Lighting, LED area light on 14-16' ht	3.00	EA	7,500.00		22,500
70-0200-0100	straight black pole	3.00		7,300.00	/LA	22,300
70-0200-0100	Corner Icon Lighting	1.00	EA	8,000.00	/E A	8,000
70-0200-0100	Electrical UG to Restaurant Kiosk	39.00	LF	85.00		3,315
70-0400-0100			LF			
	Electrical UG to Support Building Stage Circuit	63.00	LF	85.00		5,355
70-0400-0100		13.00	LF	35.00		455 560
70-0400-0100	Light Circuit	16.00		35.00		
70-0400-0100 70-0100-0100	Vendor Booth Circuit Telecom UG Conduit, from existing utility pole, if	16.00 1.00	LF LS	55.00 15,000.00		880 15,000
	reqd.	_				
70-0100-0100	Electric J Box G4000 ELECTRICAL UTILITIES	7.00	EA	1,696.00	/EA _	11,872 275,537
	G40 ELECTRICAL UTILITIES					275,537
	G BUILDING SITEWORK					2,156,823
z	GENERAL REQUIREMENTS					
Z10	GENERAL REQUIREMENTS					
Z1000	GENERAL REQUIREMENTS					
XX-0000-X001	Water Quality Fee-In-Lieu	1.00	LS	30,000.00	/LS	30,000
XX-0000-X001	Regional Detention Fee	1.00		50,000.00		50,000
701 0000-7001	regional Determent Fee	1.00	LO	30,000.00	,20	30,000

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COA Republic Square



City of Austin-Republic Square Design Workshop Conceptual Dwgs Dated 11-5-2012

					Total	
Item	Description	Takeoff Qty		Unit Cost		Amount
Z1000	GENERAL REQUIREMENTS					
XX-0000-X001	Site Plan Fees	1.00	LS	3,000.00	/LS	3,000
XX-0000-X001	Landscape Fee	1.00	LS	500.00	/LS	500
XX-0000-X001	Phasing Fee	1.00	LS	315.00	/LS	315
XX-0000-X001	Construction Inspection Fee	1.00	LS	14,000.00	/LS	14,000
XX-0000-X001	Capital Recovery Fees	1.00	LS	3,000.00	/LS	3,000
XX-0000-X001	1704 Determination Fee	1.00	LS	200.00	/LS	200
XX-0000-X001	Contingency on General Fees, 10%	1.00	LS	10,102.00	/LS	10,102
	Z1000 GENERAL REQUIREMENTS					111,117
	Z10 GENERAL REQUIREMENTS					111,117
	Z GENERAL REQUIREMENTS					111,117
	200 PARK PROPER					2,267,940

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Item

Description

COA Republic Square

City of Austin-Republic Square Design Workshop Conceptual Dwgs Dated 11-5-2012

EUDACORP'

Takeoff Qty

Unit Cost Amount

201 ROW GUADALUPE PUBLIC TRANSIT CORRIDOR

G	BUILDING SITEWORK					
G20	SITE IMPROVEMENTS			_		
92031	PAVING & SURFACING					
70-0200-0100	Charcoal Unit Paver (Pedestrian)	4,100.00	SF	12.50	/SF	51,250
70-0200-0100	ADA Ramp and Truncated Domes	160.00	SF	15.00	/SF	2,400
70-0200-0100	Leuder Limestone Paving	123.00	SF	14.00	/SF	1,722
70-0200-0100	METRO Platform, 3 Ea. @ 150sf	450.00	SF	105.00	/SF	47,250
70-0200-0100	Charcoal Unit Paver (Vehicular), North Drive	376.00	SF	16.00	/SF	6,016
70-0100-0400	Cut & Remove Curb, at North Drive Entryway	20.00	LF	6.00	/LF	120
70-0100-0100	Light Pole Base	4.00	EA	650.00	/EA	2,600
	G2031 PAVING & SURFACING					111,358
G2042	RETAINING WALLS					
XX-0000-X001	Tube Steel Rail- 1 1/2" diameter tube	204.00	LF	65.00		13,260
XX-0000-X001	Leaning Rail- Linear rail features extend down	112.00	LF	155.00	/LF	17,360
	most of the eastern street edge					
	G2042 RETAINING WALLS					30,620
92044	SIGNAGE	0.00		750.00	/F-A	0.050
XX-0000-X001	Cap Metro Signage Program	3.00	EA	750.00		2,250
XX-0000-X001	Banner Program Supports	4.00	EA EA	600.00 1,500.00		2,400
XX-0000-X001	Downtown Austin Wayfinding Program (DAWP) Pedestrian Directional	1.00	EA	1,300.00	/EA	1,500
XX-0000-X001	DAWP Bike Parking Icon	1.00	EA	750.00	/FA	750
XX-0000-X001	DAWP Urbanflow or Media Kiosk	1.00	EA	2,500.00		2,500
	G2044 SIGNAGE			(-) #= (E)		9,400
G2045	SITE FURNISHINGS					
70-0100-0100	Trash Can (Per Great Streets or Cap Metro Standard)	5.00	EA	1,200.00	/EA	6,000
70-0100-0100	Bike Corral (fits 10-12 bicycles)- Creative pipe gauntlet rack, angled tubes, surface mount.	1.00	EA	2,500.00	/EA	2,500
70-0100-0100	Bike Rack (Per Great Streets Standard)	2.00	EA	1,200.00	/EA	2,400
70-0100-0100	Removable Bollard (Bollard Solutions), stainless	1.00	EA	1,500.00	/EA	1,500
	steel tube, at North Drive Entryway					-
	G2045 SITE FURNISHINGS					12,400
G2050	LANDSCAPING					
70-0100-0100	Airspade for decompaction, assumed 6" depth,	780.00	SF	5.00	/SF	3,900
	amend with compost					
200		780.00	SF	0.50		390
X001	Hardy Foundation Plantings, 1 gal.	644.00	SF	6.00		3,864
10-0000-0400	Plant Bed Preparation	644.00	SF	0.45		290
200	AND THE PROPERTY OF THE PROPER	224.00	LF	25.00	/LF	5,600
	G2050 LANDSCAPING					14,044
92057	IRRIGATION SYSTEM					
XX-0000-X001	Drip Irrigation at Plant Beds, installed with	644.00	SF	1.25	/SF	805
	airspade G2057 IRRIGATION SYSTEM					805

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COA Republic Square



City of Austin-Republic Square Design Workshop Conceptual Dwgs Dated 11-5-2012

					Total	
Item	Description	Takeoff Qty		Unit Cost		Amount
G40	ELECTRICAL UTILITIES					
G4000	ELECTRICAL UTILITIES					
70-0200-0100	Street Lights- Great Streets, pole light w/ painted black & 2 banner arms w/ optional pedestrian light	4.00	EA	7,500.00 /	ΈA	30,000
70-0200-0100	METRO Stop Lighting	3.00	EA	7,500.00 /	ΈA	22,500
70-0200-0100	Street Light Pole Circuits	290.00	LF	30.00 /	LF.	8,700
	G4000 ELECTRICAL UTILITIES				-	61,200
	G40 ELECTRICAL UTILITIES					61,200
	G BUILDING SITEWORK					239,827
z	GENERAL REQUIREMENTS					
Z10	GENERAL REQUIREMENTS					
Z1000	GENERAL REQUIREMENTS					
XX-0000-X001	Traffic and Pedestrian Control	1.00	LS	2,000.00 /	LS	2,000
	Z1000 GENERAL REQUIREMENTS					2,000
	Z10 GENERAL REQUIREMENTS					2,000
	Z GENERAL REQUIREMENTS					2,000
	201 ROW GUADALUPE PUBLIC TRANSIT CORRIDOR					241,827

COA Republic Square

EUDACORP'

2/8/2013 **COA Republic Square** **EUDACORP**

City of Austin-Republic Square Design Workshop Conceptual Dwgs Dated 11-5-2012

Description Item Takeoff Qty **Unit Cost** Amount

202 ROW 4TH STREET CORRIDOR

			_	
SITE IMPROVEMENTS				
PAVING & SURFACING		70		
pal Unit Paver (Pedestrian)	4,568.00	SF	12.50 /SF	57,100
ed Stone Surface	333.00	SF	4.50 /SF	1,499
amp and Truncated Domes	160.00	SF	15.00 /SF	2,400
r Limestone Paving	52.00	SF	14.00 /SF	728
O Platform, 3 Ea.	150.00	SF	105.00 /SF	15,750
pal Unit Paver (Vehicular), South Drive	302.00	SF	16.00 /SF	4,832
Remove Curb, at South Drive Entryway	20.00	LF	6.00 /LF	120
Gutter along 4th Street	325.00	LF	20.00 /LF	6,500
Pole Base	4.00	EA	650.00 /EA	2,600
31 PAVING & SURFACING	4.00	EA	630.00 /EA	91,529
SITE DEVELOPMENT				
g Spaces, Standard Striping	6.00	EA	30.00 /EA	180
g Spaces, Handicap Striping	1.00	EA	250.00 /EA	250
40 SITE DEVELOPMENT			200.00 , 2	430
RETAINING WALLS				
Steel Rail- 1 1/2" diameter tube	200.00	LF	65.00 /LF	13,000
42 RETAINING WALLS				13,000
SIGNAGE	4.00	EA	750.00 /EA	75/
n Oaks Information Sign	1.00			750
etro Signage Program	1.00	EA	750.00 /EA	750
r Program Supports	4.00	EA	600.00 /EA	2,400
g Pay Station	1.00	EA	2,500.00 /EA	2,500
Bike Parking Icon	2.00	EA	750.00 /EA	1,500
Parking Regulatory Sign	1.00	EA	750.00 /EA	750
arking Sign	1.00	EA	175.00 /EA	175
44 SIGNAGE				8,825
SITE FURNISHINGS Can (Per Great Streets or Cap Metro	2.00	EA	1,200.00 /EA	2,400
ard)	2.00	EA	1,200.00 /EA	2,400
vable Bollard (Bollard Solutions), stainless ube, at South Drive Entryway	1.00	EA	1,500.00 /EA	1,500
(Per Great Streets Standard)	2.00	EA	2,000.00 /EA	4,000
g Meter (Per City Standard), by CITY	1.00	EA	2,000.00 72	4,000
Call Box	1.00	EA	1 500 00 /EA	1,500
45 SITE FURNISHINGS	1.00	EA	1,500.00 /EA	9,400
LANDSCAPING				
de for decompaction, assumed 6" depth , I with compost	1,301.00	SF	5.00 /SF	6,505
4", at airspaded areas	1,301.00	SF	0.50 /SF	651
				5,196
				3,190
Barrier				847
Pruning				6,050
	71.00	LF	50.00 /LF	3,550
Ed Bar Pru of	dge and Bank Planting d Preparation rier	dge and Bank Planting 866.00 d Preparation 866.00 rier 242.00 uning 242.00 fisite existing limestone block and chain 71.00	dge and Bank Planting 866.00 SF d Preparation 866.00 SF rier 242.00 LF uning 242.00 LF fsite existing limestone block and chain 71.00 LF	dge and Bank Planting 866.00 SF 6.00 /SF d Preparation 866.00 SF 0.45 /SF rier 242.00 LF 3.50 /LF uning 242.00 LF 25.00 /LF fisite existing limestone block and chain 71.00 LF 50.00 /LF

City of Austin-Republic Square Design Workshop Conceptual Dwgs Dated 11-5-2012

	Total	Į.			
Amoun	Unit Cost	ì	Takeoff Qty	Description	Item
23,188	_			G2050 LANDSCAPING	
51: 51:	0.55 /SF	SF	932.00	IRRIGATION SYSTEM Subsurface Drip line at 4" below surface for shrub beds, installed with airspade G2057 IRRIGATION SYSTEM	G2057 XX-0000-X002
146,884				G20 SITE IMPROVEMENTS	
740,00				CIVILMECHANICAL UTILITIES	G30
				STORM SEWER	G3030
5,000	5,000.00 /LS	LS	1.00	Cut and Patch Street	70-0100-0100
3,465	55.00 /LF	LF	63.00	18" Storm Sewer Line at 4th street	70-0100-0100
2,500	2,500.00 /EA	EA	1.00	Tie to Existing Drainage System	70-0100-0100
10,96				G3030 STORM SEWER	
10,96				G30 CIVIL/MECHANICAL UTILITIES	
				ELECTRICAL UTILITIES	G40
		52572	16/16/12	ELECTRICAL UTILITIES	G4000
30,000	7,500.00 /EA	EA	4.00	Street Lights- Great Streets, pole light w/ painted black & 2 banner arms w/ optional pedestrian light	70-0200-0100
850	850.00 /EA	EA	1.00	Police Call Box Lights, blue LED	70-0200-0100
7,500	7,500.00 /EA	EA	1.00	METRO Stop Lighting	70-0200-0100
9,300	30.00 /LF	LF	310.00	Street Light Circuits	70-0400-0100
47,650	_			G4000 ELECTRICAL UTILITIES	
47,650				G40 ELECTRICAL UTILITIES	
205,499				G BUILDING SITEWORK	
				GENERAL REQUIREMENTS	z
				GENERAL REQUIREMENTS	Z10
MONE OF GROWING	STREET, Market of the	SA SANTON	W - W120-95 A	GENERAL REQUIREMENTS	Z1000
5,000 5,000	5,000.00 /LS	LS	1.00	Traffic and Pedestrian Control Z1000 GENERAL REQUIREMENTS	XX-0000-X001
5,000				Z10 GENERAL REQUIREMENTS	
+D awdiesco					
5,000				Z GENERAL REQUIREMENTS	
210,499				202 ROW 4TH STREET CORRIDOR	

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COA Republic Square

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Total

City of Austin-Republic Square Design Workshop Conceptual Dwgs Dated 11-5-2012

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COA Republic Square

City of Austin-Republic Square Design Workshop Conceptual Dwgs Dated 11-5-2012



Item	Description	Takeoff Qty		Unit Cost		Amour
	203 ROW FEDERAL COURTH	OUSE PLAZA				
G	BUILDING SITEWORK					_
G10	SITE PREPARATION					
G1030	EARTHWORK		2-2			
70-0100-0100	Airspade for decompaction, assumed 6" depth, amend with compost	3,033.00	SF	5.00	/SF	15,16
70-0100-0100	Root Tunnels to connect healthy soils, airspade, 24" x 24"	20.00	LF	5.00	/LF	10
	G1030 EARTHWORK					15,26
	G10 SITE PREPARATION					15,26
G20	SITE IMPROVEMENTS					
G2031	PAVING & SURFACING					
70-0200-0100	Charcoal Unit Paver (Pedestrian)	1,234.00	SF	12.50	/SF	15,42
70-0200-0100	Charcoal Unit Paver (50% pervious)	1,204.00	SF	12.50		15,05
70-0200-0100	Crushed Stone Surface	2,021.00	SF	4.50	77777	9,09
70-0200-0100	Leuder Limestone Paving G2031 PAVING & SURFACING	106.00	SF	14.00	/SF	1,48 41,08
G2042	RETAINING WALLS					
XX-0000-X001	Tube Steel Rail- 1 1/2" diameter tube	277.00	LF	65.00	/LF	18,00
70-0100-0100	Barrier Wall at North Plaza	25.00	LF	150.00	/LF	3,75
70-0100-0100	Barrier Wall at South Plaza G2042 RETAINING WALLS	13.00	LF	150.00	/LF	1,95 23,70
G2045	SITE FURNISHINGS					
70-0100-0100	Bike Corral (fits 10-12 bicycles)- Creative pipe	1.00	EA	2,500.00	/EA	2,50
70-0100-0100	gauntlet rack, angled tubes, surface mount. Park Table- Landscape forms, 30" round version,	7.00	EA	1,200.00	/EA	8,40
70-0100-0100	ivy color Park Chair- Landscapeforms, ivy color, 4 per table	28.00	EA	400.00	/EA	11,20
	G2045 SITE FURNISHINGS				12	22,10
G2050	LANDSCAPING	2 022 00	C.F.	0.50	/CF	<i>1</i> = 2
X001	Mulch, 4", at airspaded areas Hardy Foundation Plantings, 1 gal.	3,033.00 620.00		0.50 6.00		1,51 3,72
X001 X001	Wildflower and Short Grass Meadow	860.00	SF	3.50		3,72
10-0000-0400	Plant Bed Preparation	1,480.00	SF	0.45		66
200	Root Pruning	123.00	LF	25.00	/LF	3,07
	G2050 LANDSCAPING					11,98
G2057 XX-0000-X001	IRRIGATION SYSTEM Drip Irrigation at meadow, 4" subsurface	860.00	SF	1.25	/SF	1,07
	irrigation, installed by hand					
XX-0000-X002	Subsurface Drip line at 4" below surface for shrub beds	620.00	SF	0.55	/SF	34
	G2057 IRRIGATION SYSTEM					1,41
	G20 SITE IMPROVEMENTS					100,26

				Total	
Item	Description	Takeoff Qty		Unit Cost	Amoun
G30	CIVIL/MECHANICAL UTILITIES				
G3020	SANITARY SEWER				
70-0300-0100	6" PVC Wastewater Line	11.00	LF	50.00 /LF	550
70-0400-0100	Connect to Existing Wastewater System at New Manhole	1.00	EA	4,700.00 /EA	4,700
70-0400-0100	New Manhole w/ coating	1.00	EA	5,000.00 /EA	5,000
	G3020 SANITARY SEWER				10,250
	G30 CIVIL/MECHANICAL UTILITIES				10,250
G40	ELECTRICAL UTILITIES				
G4000	ELECTRICAL UTILITIES				
70-0200-0100	Custom Pole Lights, 4" dia heavy wall steel pole w/ 3 LED fixtures	5.00	EA	5,200.00 /EA	26,000
70-0200-0100	Police Call Box Lights, blue LED	1.00	EA	850.00 /EA	850
70-0200-0100	Architectural Building Lighting, west of kiosk	1.00	EΑ	4,300.00 /EA	4,300
70-0400-0100	Plaza Lighting Circuits incl. 8 outlets	190.00	LF	30.00 /LF	5,700
	G4000 ELECTRICAL UTILITIES				36,850
	G40 ELECTRICAL UTILITIES				36,850
	G BUILDING SITEWORK				162,627
	203 ROW FEDERAL COURTHOUSE PLAZA				162,627

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COA Republic Square City of Austin-Republic Square Design Workshop Conceptual Dwgs Dated 11-5-2012

EUDACORP

COA Republic Square
City of Austin-Republic Square
Design Workshop
Conceptual Dwgs Dated 11-5-2012

				Total			
Item	Description	Takeoff Qty		Unit Cost	Amount	Item	Description
							G2045 SITE FURNISHINGS
	204 ROW 5TH STREET CORRI	IDOR				G2050	LANDSCAPING
No.					_		Mulch, 4", at airspaded areas
						X001	Hardy Foundation Plantings, 1 gal.
G	BUILDING SITEWORK					10-0000-0400	Plant Bed Preparation
-						200	Root Pruning
							G2050 LANDSCAPING
G10	SITE PREPARATION						
5			700			G2057	IRRIGATION SYSTEM
04000	EADT//WORK					XX-0000-X002	Subsurface Drip line at 4" below surface for
G1030	EARTHWORK	2 402 00	or.	E 00 /05	12.015		shrub beds, installed by airspade
70-0100-0100	Airspade for decompaction, assumed 6" depth, amend with compost	2,403.00	SF	5.00 /SF	12,015		G2057 IRRIGATION SYSTEM
	G1030 EARTHWORK			-	12,015		COO OUTE IMPROVIENTATO
	C1030 EARTHWORK				12,010		G20 SITE IMPROVEMENTS
	G10 SITE PREPARATION				12,015	G30	CIVIL/MECHANICAL UTILITIES
reservation						2	
G20	SITE IMPROVEMENTS						
ē			- 13			G3010	WATER SUPPLY
G2031	PAVING & SURFACING					10-0000-0400	New Potable Water Service Connections
70-0200-0100	Charcoal Unit Paver (Pedestrian)	685.00	SF	12.50 /SF	8,563	10-0000-0400 10-0000-0400	Future Connection to a reclaimed water line 1.5" Potable Water Line to Kiosk Meter
70-0200-0100	Charcoal Unit Paver (50% pervious)	1,604.00	SF	12.50 /SF	20,050	10-0000-0400	Proposed Reclaimed Water line to Irrigation
70-0200-0100	ADA Ramp and Truncated Domes	80.00	SF	15.00 /SF	1,200	10-0000-0400	Meter
70-0200-0100	Leuder Limestone Paving		SF	14.00 /SF	1,120	10-0000-0400	1" Water Line to Irrigation Meter
70-0200-0100	Charcoal Unit Paver (Vehicular), North Drive	216.00	SF	16.00 /SF	3,456	10-0000-0400	Irrigation Meter
70-0100-0400	Cut & Remove Curb, at North Drive Entryway	20.00	LF	6.00 /LF	120	10-0000-0400	Kiosk Meter
70-0100-0400	Curb & Gutter along 5th Street		LF	20.00 /LF	4,500	10-0000-0400	Restroom Meter
70-0100-0400	Remove & Replace Pavement		SY	75.00 /SY	25,500	10-0000-0400	Potable Water Service to Restaurant Kiosk from
70-0100-0100	Light Pole Base	4.00	EA	650.00 /EA	2,600		Meter
	G2031 PAVING & SURFACING				67,109	10-0000-0400	Potable Water Service to Support Building
G2040	SITE DEVELOPMENT					70-0400-0100	Street Cut & Patch
70-0100-0400	Parking Spaces, Standard Striping	7.00	FΔ	30.00 /EA	210		G3010 WATER SUPPLY
10 0100 0100	G2040 SITE DEVELOPMENT	11.00			210	G3060	GAS DISTRIBUTION
	SESTO SITE BEVELOT METOT				270	XX-0000-X001	New Gas Service to Food Kiosk
G2042	RETAINING WALLS					701 0000 7001	G3060 GAS DISTRIBUTION
XX-0000-X001	Tube Steel Rail- 1 1/2" diameter tube	252.00	LF	65.00 /LF	16,380		C3000 GAS DISTRIBUTION
	G2042 RETAINING WALLS			_	16,380		G30 CIVILMECHANICAL UTILITIES
G2044	SIGNAGE					G40	ELECTRICAL UTILITIES
XX-0000-X001	Cap Metro Signage Program	1.00		750.00 /EA	750		
XX-0000-X001	Kiosk Parking Regulatory Sign	1.00	EA	750.00 /EA	750		
XX-0000-X001 XX-0000-X001	Banner Program Supports Parking Pay Station	4.00 1.00	EA	600.00 /EA 2,500.00 /EA	2,400 2,500	G4000	ELECTRICAL UTILITIES
XX-0000-X001	Downtown Austin Wayfinding Program (DAWP)	1.00		1,500.00 /EA	1,500	70-0200-0100	Street Lights- Great Streets, pole light w/ painted black & 2 banner arms w/ optional pedestrian
704-0000-7001	Pedestrian Directional	1.00		1,500.00 /LA	1,500		light
XX-0000-X001	Valet Parking Regulatory Sign	2.00	EA	750.00 /EA	1,500	70-0200-0100	Police Call Box Lights, blue LED
	G2044 SIGNAGE				9,400	70-0200-0100	Architectural Building Lighting, west of kiosk
						70-0400-0100	Street Light Circuits
G2045	SITE FURNISHINGS						G4000 ELECTRICAL UTILITIES
70-0100-0100	Park ATM- A free-standing ATM, kiosk west,	1.00	EA	1,500.00 /EA	1,500		
NUMBER OF BUILDING THE PROPERTY.	Inrastructure Only, Kiosk by Vendor	45 83500000	(20.00	perconnection section etcteris	gy mentance		G40 ELECTRICAL UTILITIES
70-0100-0100	Trash Can (Per Great Streets or Cap Metro	1.00	EA	1,200.00 /EA	1,200		to commence recommend
70 0400 0400	Standard)	4.00	ΕΔ	1 200 00 /54	4.000		G BUILDING SITEWORK
70-0100-0100 70-0100-0100	Bike Rack (Per Great Streets Standard) Removable Bollard (Bollard Solutions), stainless	4.00 1.00		1,200.00 /EA 1,500.00 /EA	4,800 1,500	_	
70-0100-0100	steel tube, at North Drive Entryway	1.00		1,500.00 /EA	1,300	z	GENERAL REQUIREMENTS
70-0100-0100	Bench (Per Great Streets Standard)	1.00	EA	2,000.00 /EA	2,000	*	
70-0100-0100	Parking Meter (Per City Standard), by CITY	1.00			-1 4	Z10	GENERAL REQUIREMENTS
	650 EW To 1966 ETV					210	GENERAL NEGOTIENTS
						<u> </u>	

					Total	
Item	Description	Takeoff Qty		Unit Cost		Amount
	G2045 SITE FURNISHINGS					11,000
G2050	LANDSCAPING					
200	Mulch, 4", at airspaded areas	2,403.00	SF	0.50	/SF	1,202
X001	Hardy Foundation Plantings, 1 gal.	840.00	SF	6.00	/SF	5,040
10-0000-0400	Plant Bed Preparation	840.00	SF	0.45	/SF	378
200	Root Pruning	196.00	LF	25.00	/LF	4,900
	G2050 LANDSCAPING					11,520
G2057	IRRIGATION SYSTEM			27 1270	650.123	70 000
XX-0000-X002	Subsurface Drip line at 4" below surface for shrub beds, installed by airspade	840.00	SF	0.55	/SF	462
	G2057 IRRIGATION SYSTEM					462
	G20 SITE IMPROVEMENTS					116,080
G30	CIVILMECHANICAL UTILITIES		103			
G3010	WATER SUPPLY					
10-0000-0400	New Potable Water Service Connections	2.00	EA	3,500.00	/EA	7,000
10-0000-0400	Future Connection to a reclaimed water line	1.00	EA	2,500.00	/EA	2,500
10-0000-0400	1.5" Potable Water Line to Kiosk Meter	30.00	LF	16.00	/LF	480
10-0000-0400	Proposed Reclaimed Water line to Irrigation Meter	40.00	LF	14.00	/LF	560
10-0000-0400	1" Water Line to Irrigation Meter	10.00	LF	14.00	/LF	140
10-0000-0400	Irrigation Meter	1.00	EA	600.00	/EA	600
10-0000-0400	Kiosk Meter	1.00	EA	500.00	/EA	500
10-0000-0400	Restroom Meter	1.00	EΑ	400.00	/EA	400
10-0000-0400	Potable Water Service to Restaurant Kiosk from Meter	20.00	LF	14.00	/LF	280
10-0000-0400	Potable Water Service to Support Building	30.00	LF	14.00	/LF	420
70-0400-0100	Street Cut & Patch	1.00	LS	5,000.00	/LS	5,000
	G3010 WATER SUPPLY					17,880
G3060	GAS DISTRIBUTION					
XX-0000-X001	New Gas Service to Food Kiosk	10.00	LF	14.62	/LF	146
	G3060 GAS DISTRIBUTION					146
	G30 CIVILMECHANICAL UTILITIES					18,026
G40	ELECTRICAL UTILITIES					
G4000	ELECTRICAL UTILITIES					
70-0200-0100	Street Lights- Great Streets, pole light w/ painted	4.00	EA	7,500.00	/EA	30,000
	black & 2 banner arms w/ optional pedestrian light			s. Accesses as		5 848 55
70-0200-0100	Police Call Box Lights, blue LED	1.00	EA	850.00	/EA	850
70-0200-0100	Architectural Building Lighting, west of kiosk	1.00	EA	4,300.00		4,300
70-0400-0100	Street Light Circuits	290.00	LF	30.00		8,700
	G4000 ELECTRICAL UTILITIES					43,850
	G40 ELECTRICAL UTILITIES					43,850
	G BUILDING SITEWORK					189,971
z	GENERAL REQUIREMENTS					
Z10	GENERAL REQUIREMENTS					

A11-170 City of Austin Republic Square_Site_ROWv1.4.pee

Page 12

A11-170 City of Austin Republic Square_Site_ROWv1.4.pee

Page 13

EUDACORP's

2/8/2013

COA Republic Square
City of Austin-Republic Square
Design Workshop
Conceptual Dwgs Dated 11-5-2012

				Total			
Item	Description	Takeoff Qty		Unit Cost	Amount		
G2031	PAVING & SURFACING						
XX-0000-X001	Traffic and Pedestrian Control	1.00	LS	5,000.00 /LS	5,000		
	G2031 PAVING & SURFACING				5,000		
	Z10 GENERAL REQUIREMENTS				5,000		
	Z GENERAL REQUIREMENTS				5,000		
	204 ROW 5TH STREET CORRIDOR				194,971		

A11-170 City of Austin Republic Square_Site_ROWv1.4.pee



COA Republic Square
City of Austin-Republic Square
Design Workshop
Conceptual Dwgs Dated 11-5-2012

Estimate Totals

Description	Amount	Totals	Rate	Percent of Total	
Labor					
Material					
Subcontract	3,077,864			74.68%	
Equipment					
Other				·	
Total Direct Cost	3,077,864	3,077,864		74.68	74.68%
GENERAL REQUIREMENTS	92,336		3.000 %	2.24%	
GENERAL CONDITIONS	230,840		7.500 %	5.60%	
Subtotal	323,176	3,401,040		7.84	82.53%
GENERAL LIABILITY	26,188		0.770 %	0.64%	
BUILDERS RISK	2,913		0.085 %	0.07%	
BOND	40,659			0.99%	
Subtotal	69,760	3,470,800		1.69	84.22%
CONTRACTORS FEE	112,801		3.250 %	2.74%	
Subtotal	112,801	3,583,601		2.74	86.96%
CONTINGENCY	537,540		15.000 %	13.04%	
Total		4,121,141			

Page 14 A11-170 City of Austin Republic Square_Site_ROWv1.4.pee Page 15



Farmers Market, Republic Square (Photo by Michael Knox)

DESIGNWORKSHOP

APPENDICES

Travis County

Laboratory Number: 357753 Customer Sample ID: 001 Crop Grown: LAWN

Soil Analysis Report

Soil, Water and Forage Testing Laboratory Department of Soil and Crop Sciences 2478 TAMU

College Station, TX 77843-2478 979-845-4816 (phone) 979-845-5958 (FAX)

Visit our website: http://soiltesting.tamu.edu

Sample received on: 4/13/2012 Printed on: 4/19/2012 Area Represented: 10890 sqft

Analysis	Results	CL*	Units	ExLow V	Low Low	Mod	Hìgh	VHlgh	Excess.
рH	8.0	(6.2)	-	Mod. Alkalir	10				
Conductivity	272	(-)	umho/cm	None			L*		Fertilizer Recommended
Nitrate-N	12	(-)	ppm	101101111111111111111111111111111111111					0.4 lbs N/1000sqft
Phosphorus	28	(50)	ppm		11111(111111	11)	i		1.2 lbs P2O5/1000sqft
Potassium	281	(175)	ppm	911011010111110					0 lbs K20/1000sqft
Calcium	5,785	(180)	ppm						0 lbs Ca/1000sqft
Magnesium	356	(50)	ppm	1480180801111111	TIEIEÍJEITEIEI) HILLING		0 lbs Mg/1000sgft
Sulfur	20	(13)	ppm		101414111111111111111111111111111111111	n) waaaa	וווול		0 lbs S/1000sqft
Sodium	22	(-)	ppm	1111	Į.				
Iron							i I		
Zinc							! !		
Manganese							1		
Copper						l			
Boron						ļ	;		
Limestone Requirement									0.00 lbs/1000sqft
	. 5. 5. 1.1	voca a Coda da a Coda da	and and a second second second	and the State of Late of State	e de militabel de Nobel de mo	en Schlichelmann (Ad. Joseph	e t ce ostawi XXX	o Granco ataliata	arana val. Autoria do em printeimento interita Alemana a secreta e Presidenta de Suar de como se las life.
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						somintik to encome	o etaberinaanja dad	-1006-01-01-01-01-01-01-01-01-01-01-01-01-01-	
Organic Matter	3.84	9	6						And the more of the state of th
					annales altrevenio	and desired	Servicia de matematic	72-5-40-s 20-superibli	e den avendam en eine om eine ein zelle man ein auch einer ein mehren Welten ab den betretten abeitet.
					full in				

^{*}CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended.

Nitrogen: Apply an additional 1 lb N/1000 sqft during late summer (St. Augustine grass), mid-summer and early fall (common bermuda grass and zoysia grass) and every 6-8 weeks for hybrid bermuda grass.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/not water by ICP.

ProAnalysis Ver. 2 19g

SOIL ANALYSIS (p. 2 OF 12)



Report generated for: Philip Koske Austin Parks and Recreation 801 Congress, Suite 330 Austin, TX 78701

Travis County

Laboratory Number: 357753 Customer Sample ID: 001

Crop Grown: SHADE TREES

Soil Analysis Report

Soil, Water and Forage Testing Laboratory Department of Soil and Crop Sciences 2478 TAMU College Station, TX 77843-2478

College Station, TX 77843-2478 979-845-4816 (phone) 979-845-5958 (FAX)

Visit our website: http://soiltesting.tamu.edu

Sample received on: 4/13/2012 Printed on: 4/19/2012 Area Represented: 10890 sqft

Crop Grown: 3	DUNDE IK	EES								
Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
рН	8.0	(6)	-	Mod. Alk	aline					
Conductivity	272	(-)	umho/cm	None			С	Ł*		Fertilizer Recommended
Nitrate-N	12	(-)	ppm	111111111111	1			į		0.9 lbs N/1000sqft
Phosphorus	28	(50)	ppm			[[][][][][][][][][][][][][][][][][][][][į	Í I		1.2 lbs P2O5/1000sqft
Potassium	281	(175)	ppm	mmmi		100011101		ģitiit		0 lbs K20/1000sqft
Calcium	5,785	(180)	ppm	11111111111	unanná			KORII -		0 lbs Ca/1000sqft
Magnesium	356	(50)	ppm		[10]]]]	11111111111		ļum (0 lbs Mg/1000sgft
Sulfur	20	(13)	ppm	1101111111	mannı			pune –		0 lbs S/1000sqft
Sodlum	22	(-)	ppm	HIII						
Iron								I I		
Zinc								!		
Manganese								!		
Copper								i		
Boron					ļ					
Limestone Requirement										0.00 lbs/1000sqft
Silvertriblenderlander in der in der treit entwerendere der der eine der der der der der der der der der de	ili e ili ili nonamadidh dhili bir ili e	March Science (Science Science)	er kotañ ar menanakar 1805 - CON	v vija badanni arribaber	Power Charles	w.14.26472601.0708	White Audio Line	eroudo do la Sursida de Ar		and a first state of the same
300 No. 10 N	elijas karala		. The state of	B. W. Li	ir.					
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A fricans and Late and South Char	Ballia la anche e		s dawn bedaan	- 60/01/p/(s08650	9000 4 4685000	ACRISTOLINA IN		20150000000	Salsal-Habia	ne i i i i i i i i i i i i i i i i i i i
Organic Matter	3.84	70,000	6			Jakine Shepita		Jane	9.5	
						CTRAGOS/ASDI		Seda katakasi		
								San Property		

^{*}CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer, 2 H

Travis County

Laboratory Number: 357754 Customer Sample ID: 002 Crop Grown: LAWN

Soil Analysis Report

Soil, Water and Forage Testing Laboratory Department of Soil and Crop Sciences 2478 TAMU

College Station, TX 77843-2478 979-845-4816 (phone) 979-845-5958 (FAX)

Visit our website: http://soiltesting.tamu.edu

Sample received on: 4/13/2012 Printed on: 4/19/2012 Area Represented: 10890 sqft

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.
рН	8.1	(6.2)	-	Mod. Alkaline
Conductivity	192	(-)	umho/cm	None ct. Fertilizer Recommended
Nitrate-N	0	(-)	ppm	0.9 lbs N/1000sqft
Phosphorus	39	(50)	ppm	0.6 lbs P2O5/1000sqft
Potassium	325	(175)	ppm	11011111 11111111111111111111111 0 lbs K20/1000sqft
Calcium	5,842	(180)	ppm	HIBINIT HIBINITH 0 lbs Ca/1000sqft
Magnesium	365	(50)	ppm	អាមារ 0 lbs Mg/1000sgft
Sulfur	12	(13)	ppm	111111111111111111111111111111 0.25 lbs S/1000sqft
Sodium	41	(-)	ppm	UNUMAN
iron				
Zinc				
Manganese				
Copper				
Boron				
Limestone Requirement				0.00 lbs/1000sqft
Simple of the state of the stat	de Service de La Calabata de Como de Maria	Miles and a free of the standard	with the base of the state of	
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			0	10. 10. 10. 10. 10. 10. 10. 10. 10. 10.
Organic Matter	1.94	%		
reconstruction of the contract	ele Sittle Manager of France	456 m m 950 m - 1 - 1	Tour sains Tubuna (Th. 2 - 2 - 2	777 m. office at 1984

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended.

Nitrogen: Apply an additional 1 lb N/1000 sqft during late summer (St. Augustine grass), mid-summer and early fall (common bermuda grass and zoysia grass) and every 6-8 weeks for hybrid bermuda grass.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/mot water by ICP.

ProAnalysis Ver. 2 19



Report generated for: Philip Koske Austin Parks and Recreation 801 Congress, Suite 330 Austin, TX 78701

Travis County

Laboratory Number: 357754 Customer Sample ID: 002

Crop Grown: SHADE TREES

Soil Analysis Report

Soil, Water and Forage Testing Laboratory Department of Soil and Crop Sciences 2478 TAMU College Station, TX 77843-2478

979-845-4816 (phone) 979-845-5958 (FAX)

Visit our website: http://soiltesting.tamu.edu

Sample received on: 4/13/2012 Printed on: 4/19/2012 Area Represented: 10890 sqft

Analysis Results CL* Units Exclow VLow Low Mod High VHigh Excess.	
Conductivity	
Nitrate-N	
Phosphorus 39 (50) ppm	mended
Potassium 325 (175) ppm	sqft
Potassium 325 (175) ppm	1000sqft
Magnesium 365 (50) ppm	
Sulfur	0sqft
Sodium 41 (-) ppm IIIIIII Iron Zinc Manganese Copper Boron Limestone Requirement 0.00 lbs/1000sq)Osgft
Iron Zinc Manganese Copper Boron Limestone Requirement 0.00 lbs/1000sq	sqft
Zinc Manganese Copper Boron Limestone Requirement 0.00 lbs/1000sq	
Manganese Copper Boron Limestone Requirement 0.00 lbs/1000sq	
Copper Boron Limestone Requirement 0.00 lbs/1000sq	
Boron Limestone Requirement 0.00 lbs/1000sq	
Limestone Requirement 0.00 lbs/1000sq	
Organic Matter. 1.94 %	ft
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Organic Matter 1.94 %	

^{*}CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP

ProAnalysisVer. 2.19g

Travis County

Laboratory Number: 357755 Customer Sample ID: 003

Soil Analysis Report

Soil, Water and Forage Testing Laboratory Department of Soil and Crop Sciences 2478 TAMU College Station, TX 77843-2478

979-845-4816 (phone) 979-845-5958 (FAX)

Visit our website: http://soiltesting.tamu.edu

Sample received on: 4/13/2012 Printed on: 4/19/2012 Area Represented: 10890 sqft

Crop Grown: L	AWN.				
Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	
pH	8.5	(6.2)	-	Mod. Alkaline	
Conductivity	128	(-)	umho/cm	None ct. Fertilizer Recomme	nded
Nitrate-N	0	(-)	ppm	0.9 lbs N/1000sqfi	Ł
Phosphorus	1	(50)	ppm	2.9 lbs P2O5/1000)sqft
Potassium	98	(175)	ppm	1.3 lbs K20/1000s	
Calcium	33,672	(180)	ppm	អាមារជ្រាប់ពេញពេញពេញពេញពេញពេញពេញ 0 lbs Ca/1000sq	ft
Magnesium	417	(50)	ppm	អោមមេរា (ការបានក្រុមបានក្នុងបានប្រជាពលរដ្ឋានប្រជាពលរដ្ឋានប្រជាពលរដ្ឋានប្រជាពលរដ្ឋានប្រជាពលរដ្ឋានប្រជាពលរដ្ឋានប	ıft
Sulfur	26	(13)	ppm	របស់លេខ 0 lbs S/1000sqft	
Sodium	23	(-)	ppm	LINE I I I I I I I I I I I I I I I I I I	
Iron					
Zinc					
Manganese					
Copper					
Boron					1
Limestone Requirement				0.00 lbs/1000sqft	
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Organic Matter	0.93	9	6		
		e Signal Augustus			

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended.

Nitrogen: Apply an additional 1 lb N/1000 sqft during late summer (St. Augustine grass), mid-summer and early fall (common bermuda grass and zoysia grass) and every 6-8 weeks for hybrid bermuda grass.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

SOIL ANALYSIS (p. 6 OF 12)



Report generated for: Philip Koske Austin Parks and Recreation 801 Congress, Suite 330 Austin, TX 78701

Travis County

Laboratory Number: 357755 Customer Sample ID: 003

Soil Analysis Report

Soil, Water and Forage Testing Laboratory Department of Soil and Crop Sciences

College Station, TX 77843-2478 979-845-4816 (phone) 979-845-5958 (FAX)

Visit our website: http://soiltesting.tamu.edu

Sample received on: 4/13/2012 Printed on: 4/19/2012 Area Represented: 10890 sqft

Crop Grow	vn: SHADE TR	EES		
Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.
рН	8.5	(6)	-	Mod. Alkaline
Conductivity	128	(-)	umho/cm	None cu Fertilizer Recommended
Nitrate-N	0	(-)	ppm	1.4 lbs N/1000sqft
Phosphorus	1	(50)	ppm	2.9 lbs P2O5/1000sqft
Potassium	98	(175)	ppm	11.3 lbs K20/1000sqft
Calcium	33,672	(180)	ppm	
Magnesium	417	(50)	ppm	0
Sulfur	26	(13)	ppm	[] [] [] [] [] [] [] [] [] [] [] [] [] [
Sodium	23	(-)	ppm	
iron				
Zinc				
Manganese				
Copper				
Boron				
Limestone Requirem	nent			0.00 lbs/1000sqft
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		nearkelini		
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Organic Matter	0,93	,	6	
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^{*}CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer, 2 19g

Travis County

Laboratory Number: 357756 Customer Sample ID: 004 Crop Grown: LAWN

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Sample received on: 4/13/2012 Printed on: 4/19/2012 Area Represented: 10890 sqft

Crop Grown:	LAVVIA									
Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
рН	8.2	(6.2)	-	Mod. Alk	aline					
Conductivity	182	(-)	umho/cm	None			С			Fertilizer Recommended
Nitrate-N	2	(-)	ppm							0.8 lbs N/1000sqft
Phosphorus	14	(50)	ppm		HIMINI					2.1 lbs P2O5/1000sqft
Potassium	205	(175)	ppm	HINIMA	muuni	1611111111))		0 lbs K20/1000sqft
Calcium	5,761	(180)	ppm							0 lbs Ca/1000sqft
Magnesium	348	(50)	ppm							0 lbs Mg/1000sgft
Sulfur	12	(13)	ppm			1131111111		Į.		0.25 lbs S/1000sqft
Sodium	29	(-)	ppm	11111						1 1 1 1 1
Iron				i i						**************************************
Zinc								l I		
Manganese				İ				1 1		
Copper										
Boron									İ	
Limestone Requirement	<u> </u>									0.00 lbs/1000sqft
	menta balanta opera o esc	- and and a later to the	nos estas autorio		Mariana Invest	otokolasianudi	D.Chr.Creb.usa.5-8cc	skukachi Wik	etalajove knij mleti	78.4
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			11. 1. 10. 10. 10.	· 50000-04-0600-04-0	SANSENSKIN	6467995555		. 15000000000000000000000000000000000000		
Organic Matter	1.86		%		en Albania En Albania					
	ukliniki ilikuruan day ka ƙas	Jan Marijaan		sg/:6/829w335:15		67046444				

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended.

Nitrogen: Apply an additional 1 lb N/1000 sqft during late summer (St. Augustine grass), mid-summer and early fall (common bermuda grass and zoysia grass) and every 6-8 weeks for hybrid bermuda grass.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysis Ver. 2 19g

SOIL ANALYSIS (p. 8 OF 12)



Report generated for: Philip Koske Austin Parks and Recreation 801 Congress, Suite 330 Austin, TX 78701

Travis County

Laboratory Number: 357756

Customer Sample ID: 004

Crop Grown: SHADE TREES

Soil Analysis Report

Soil, Water and Forage Testing Laboratory Department of Soil and Crop Sciences 2478 TAMU College Station, TX 77843-2478

College Station, TX 77843-979-845-4816 (phone) 979-845-5958 (FAX)

Visit our website: http://soiltesting.tamu.edu

Sample received on: 4/13/2012 Printed on: 4/19/2012 Area Represented: 10890 sqft

Analysis	Results	CL*	Units	ExLow Vl.ow Low Mod High VHigh Excess.
рН	8.2	(6)	•	Mod. Alkaline
Conductivity	182	(-)	umho/cm	None ct. Fertilizer Recommended
Nitrate-N	2	(-)	ppm	1.3 lbs N/1000sqft
Phosphorus	14	(50)	ppm	
Potassium	205	(175)	ppm	
Calcium	5,761	(180)	ppm	
Magnesium	348	(50)	ppm	
Sulfur	12	(13)	ppm	
Sodium	29	(-)	ppm	
Iron				
Zinc				
Manganese				
Copper				
Boron				
Limestone Requirement				0.00 lbs/1000sqft
· ·			. U	
			7773	
Organic Matter	1.86	Sictific Vil	%	
				Luting sites All codium and conductivity is recommended

^{*}CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online tertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2 19g

Travis County

Laboratory Number: 357757 Customer Sample ID: 005

Crop Grown: SHADE TREES

Soil Analysis Report

Soil, Water and Forage Testing Laboratory Department of Soil and Crop Sciences 2478 TAMU

College Station, TX 77843-2478 979-845-4816 (phone) 979-845-5958 (FAX)

Visit our website: http://soiltesting.tamu.edu

Sample received on: 4/13/2012 Printed on: 4/19/2012 Area Represented: 10890 sqft

Crop Grown: S	HAULIK	EES							
Analysis	Results	CL*	Units	ExLow VL	ow Low	Mod	High	VHigh	Excess.
рН	8.2	(6)	-	Mod. Alkaline)				
Conductivity	200	(-)	umho/cm	None			CŁ*		Fertilizer Recommended
Nitrate-N	4	(-)	ppm	II					1.3 lbs N/1000sqft
Phosphorus	14	(50)	ppm	######################################	uniar		i		2.1 lbs P2O5/1000sqft
Potassium	280	(175)	ppm						0 lbs K20/1000sqft
Calcium	9,131	(180)	ppm					[11	0 lbs Ca/1000sqft
Magnesium	266	(50)	ppm		1	1			0 lbs Mg/1000sgft
Sulfur	23	(13)	ppm	MANAGEMENT	1111 111111111	HIŽUHIMIN	11)1111		0 lbs S/1000sqft
Sodium	16	(-)	ppm	111					
lron						į	1		
Zinc					Į.		¦		
Manganese					Ì		!		
Copper							į		
Boron				1			t	Ì	
Limestone Requirement									0.00 lbs/1000sqft
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							ty year		
Andread Providence of the Committee Committee	3. 0 00 300	ovale deta	. 10 t 9 ft t	Apple Suide Service					
Organic Matter	2.32		%						
	World de Salande		Rodráski Villis	SCAMETON ASSESS		S/CERWINERS			
					MAY STEEL SAND		STANDONE SINGS		

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

SOIL ANALYSIS (p. 10 OF 12)



Report generated for: Philip Koske Austin Parks and Recreation 801 Congress, Suite 330 Austin, TX 78701

Travis County

Laboratory Number: 357758 Customer Sample ID: 006

Crop Grown: SHADE TREES

Soil Analysis Report

Soil, Water and Forage Testing Laboratory Department of Soil and Crop Sciences 2478 TAMU College Station, TX 77843-2478 979-845-4816 (phone) 979-845-5958 (FAX) Visit our website: http://soiltesting.tamu.edu

Sample received on: 4/13/2012 Printed on: 4/19/2012

Area Represented: 10890 sqft

Crop Grown: S	HADE IR	EES							
Analysis	Results	CL*	Units	ExLow VL	ow Low	Mod	High	VHigh	Excess.
рН	8.1	(6)	-	Mod. Alkaline					
Conductivity	173	(-)	umho/cm	None			cr.		Fertilizer Recommended
Nitrate-N	3	(-)	ppm	11	1				1.3 lbs N/1000sqft
Phosphorus	34	(50)	ppm	<u> </u>	1014011111	11)1111			0.9 lbs P2O5/1000sqft
Potassium	246	(175)	ppm		160(1616060	50) SETURNIS	ığıı 📗		0 lbs K20/1000sqft
Calcium	7,660	(180)	ppm		160 (1616)	HİMIMI	rķanna d	11	0 lbs Ca/1000sqft
Magnesium	235	(50)	ppm		160(18051161	11) 111 111 111	iĝini		0 lbs Mg/1000sgft
Sulfur	15	(13)	ppm		ndama	B)BBBBB	i þ		0 lbs S/1000sqft
Sodium	7	(-)	ppm	1					
iron									
Zinc							!		
Manganese					İ				
Copper						1	1		
Boron						ĺ	1		
Limestone Requirement									0.00 lbs/1000sqft
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				E				1	
silitarile detre at the selfer state in a state in the selfer sel	er o di tido e distala la la la comi	consists between	Aredonium o Cambana Anabasa anno			we sup lease have	and the Annihology California	a Africa and America	
			10, 117						
Taliffred specification, other combinations are designed constant before the	COST I CONTRACTO DI COMPLETE IL I	notes after a market seattle	LUZS COM LUGS SCHOOLSCO	CASA TANÀN SANOTANA	anni tare i di tare la lue	*****	a till tanka katawan mara		
			- A 766 552						
_ Charles No. 55 . C. C. C. C. C.				Secretaria de la compositione de	and the second state of th		CARL MARKETINA ATE	categories orași con occi.	COLUMN TO THE PARTY OF THE PART
Organic Matter	3.46	9	6		alosta a Bras	Smurkelidado		Lyma Albayera	
Tarithadidan Statistica de mor-de made e como ser	- Andreas State of the State of	ACRONIANO MATERIA	(Albertador - Lagrido en 1989), delidi	Normal State of the State of th	A. A. 1570 to \$400 to 10	Successions are factors	n nathanisti a lastituta	with the second	Statute Charles and Alexandrian Carry Management and the Control of the Control o
		ayola (S		75.1			No.	aptions.	

^{*}CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP

ProAnalysisVer. 2 19g



Travis County

Laboratory Number: 357759 Customer Sample ID: 007

Crop Grown: SHADE TREES

Soil Analysis Report

Soil, Water and Forage Testing Laboratory Department of Soil and Crop Sciences 2478 TAMU College Station, TX 77843-2478 979-845-4816 (phone) 979-845-5958 (FAX)

Visit our website: http://soiltesting.tamu.edu

Sample received on: 4/13/2012 Printed on: 4/19/2012 Area Represented: 10890 sqft

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	Hìgh	VHigh	Excess.
рН	8.1	(6)	-	Mod. Alk	aline					
Conductivity	158	(-)	umho/cm	None			С	L•		Fertilizer Recommended
Nitrate-N	0	(-)	ppm							1.4 lbs N/1000sqft
Phosphorus	5	(50)	ppm	1811010101				1		2.6 lbs P2O5/1000sqft
Potassium	158	(175)	ppm	namuni		1011111111		(0.2 lbs K20/1000sqft
Calcium	5,717	(180)	ppm	11101111111		1111111111		i III		0 lbs Ca/1000sqft
Magnesium	198	(50)	ppm	101010111	111111111111	1111111111		hur		0 lbs Mg/1000sgft
Sulfur	12	(13)	ppm			11111111111		4		0.25 lbs S/1000sqft
Sodium	40	(-)	ppm	1111111						·
Iron								i I		
Zinc								1		
Manganese								1		
Copper										
Boron								 		
Limestone Requireme	ent									0.00 lbs/1000sqft
						1				
	i.									
Organic Matter	1.46	9	6							
Secretar Barthiother Control C		N. 1. 17 . 18								

^{*}CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/not water by ICP.

ProAnalysisVer 2.196

SOIL ANALYSIS (p. 12 OF 12)



Report generated for: Philip Koske Austin Parks and Recreation 801 Congress, Suite 330 Austin, TX 78701

Travis County Laboratory Number: 357760

Customer Sample ID: 008

Soil Analysis Report

Soil, Water and Forage Testing Laboratory Department of Soil and Crop Sciences 2478 TAMU College Station, TX 77843-2478

979-845-4816 (phone) 979-845-5958 (FAX)

Visit our website: http://soiltesting.tamu.edu

Sample received on: 4/13/2012 Printed on: 4/19/2012 Area Represented: 10890 sqft

Crop Grown: S	HADE TR	EES		
Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.
pН	8.3	(6)	-	Mod. Alkaline
Conductivity	190	(-)	umho/cm	None cu Fertilizer Recommended
Nitrate-N	1	(-)	ppm	1.4 lbs N/1000sqft
Phosphorus	14	(50)	ppm	
Potassium	204	(175)	ppm	
Calcium	8,426	(180)	ppm	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
Magnesium	392	(50)	ppm	
Sulfur	14	(13)	ppm	
Sodium	43	(-)	ppm	
Iron				
Zinc				
Manganese				
Copper				
Boron				
Limestone Requirement				0.00 lbs/1000sqft
SCHOOLSE STATE OF STA	inger-engensiden	(Chinalaga mountaina	Scriptorium (n. talacens delice Ellis	
	lese sens ensonun	9%5/9%50%5/5%5	25000000000000000000000000000000000000	
	A Section 1	MAC COST	COULD ALT	
Organic Matter	2 40	sit Maria	, 1385 CANAGES	
Organic matter	4.43	oniv, Pati	0. 9. 57 35 35 3	

^{*}CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.