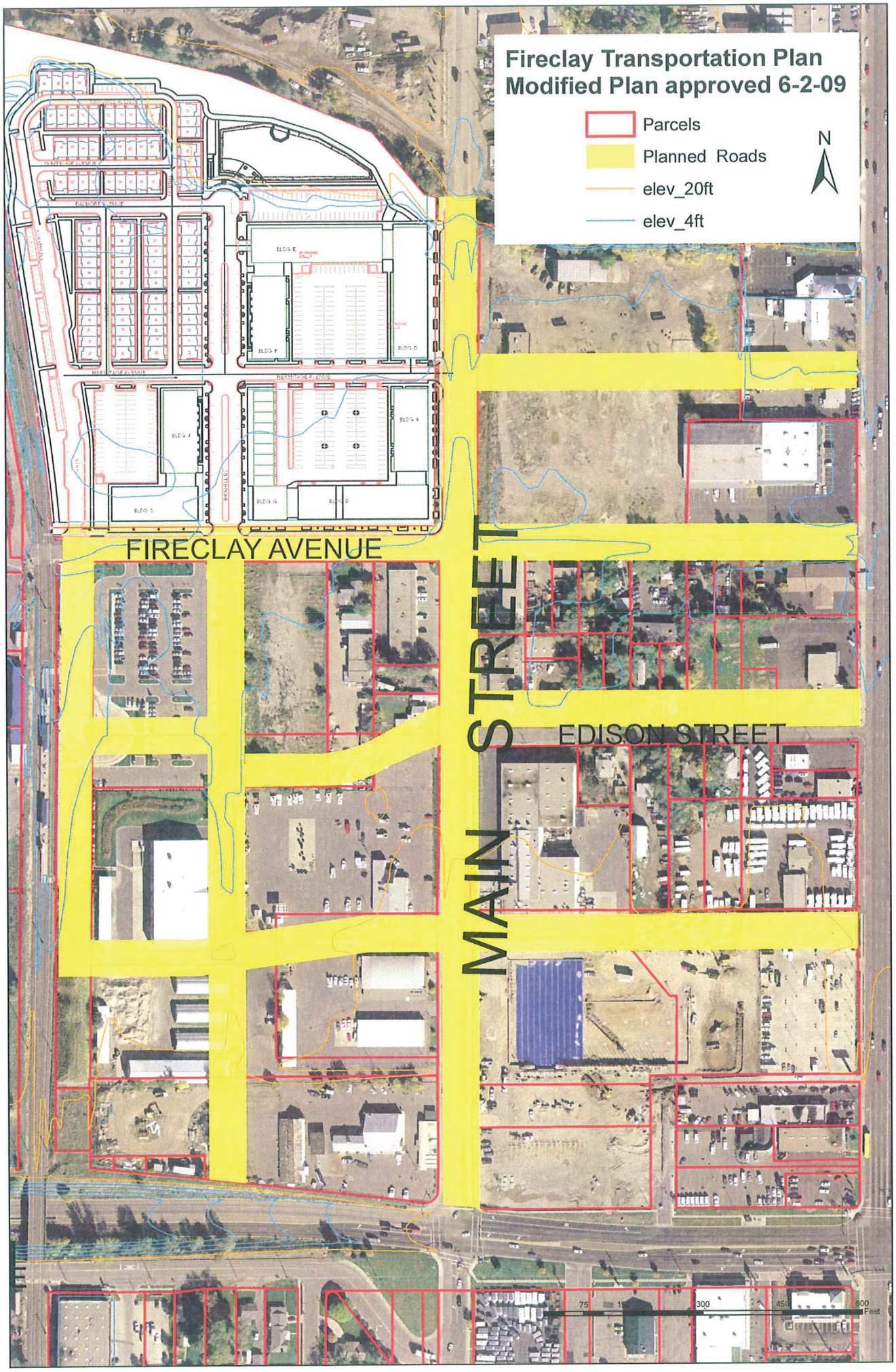
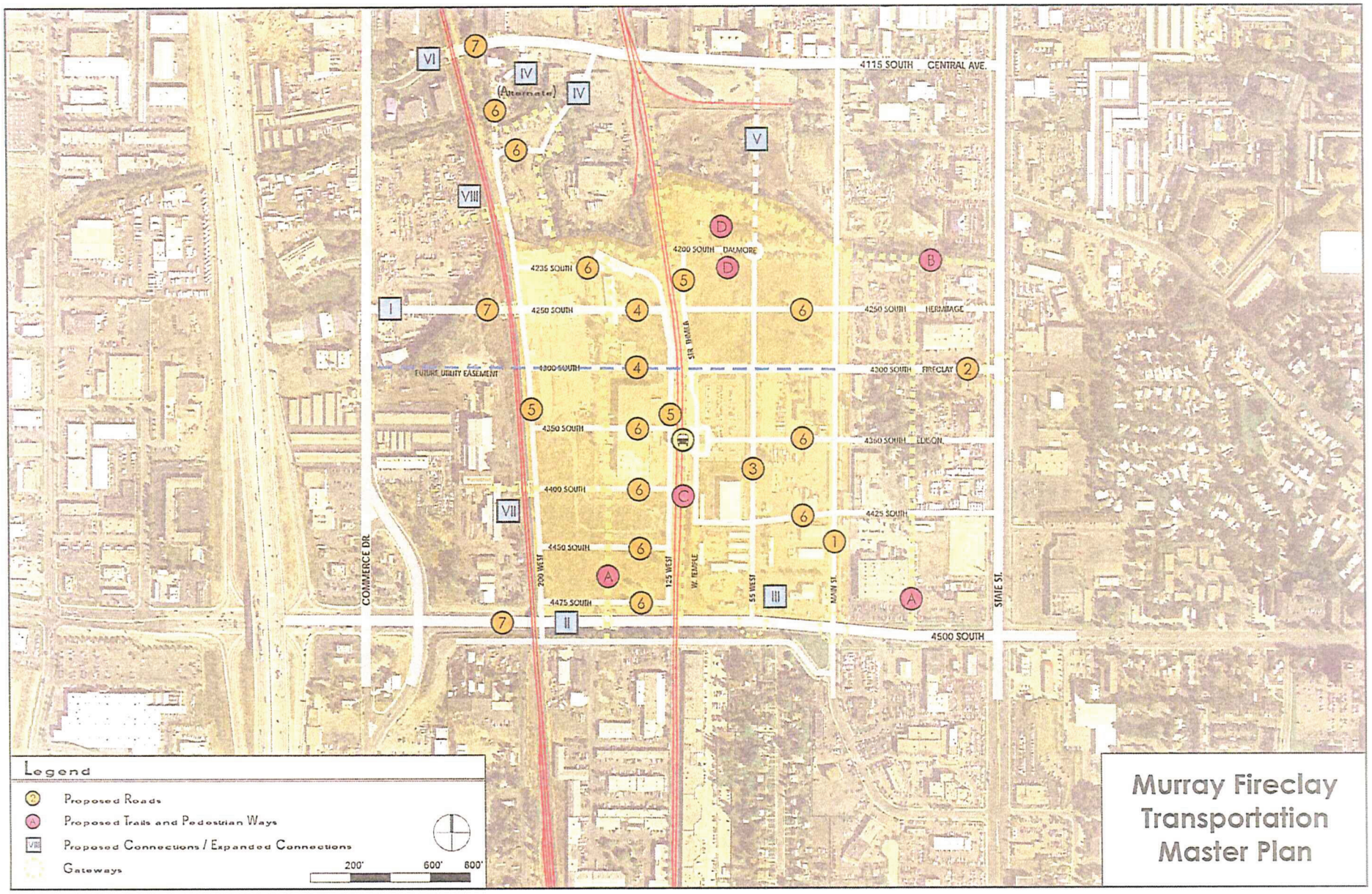
Maps, Roads

Updated June 2, 2009

Murray Fireclay Transportation Master Plan


Fireclay Transportation Plan
Modified Plan approved 6-2-09
Parcels
Planned Roads
elev_20ft
elev_4ft
N
FIRECLAY AVENUE
MAIN STREET
EDISON STREET
300
600
Feet


4115 SOUTH CENTRAL AVE.
4200 SOUTH DALMORE
4250 SOUTH
4250 SOUTH HERMITAGE
4300 SOUTH
4300 SOUTH FIRECLAY
4350 SOUTH
4360 SOUTH EDISON
4400 SOUTH
4425 SOUTH
4450 SOUTH
4475 SOUTH
4500 SOUTH
4235 SOUTH
FUTURE UTILITY EASEMENT
COMMERCE DR.
200 WEST
125 WEST
W. TEMPLE
55 WEST
MAIN ST.
STATE ST.
(Alternate)
I
II
III
IV
V
VI
VII
VIII
Legend
Proposed Roads
Proposed Trails and Pedestrian Ways
Proposed Connections / Expanded Connections
Gateways
200'
600'
800'
Murray Fireclay
Transportation
Master Plan

MURRAY FIRECLAY TRANSPORTATION MASTER PLAN

SUMMARY OF IMPROVEMENTS

Proposed Roads

1. Primary North-South
2. Primary East-West
3. Promenade
4. Couplet
5. Secondary St. - Rail Adjacent
6. Residential Street
7. Underpass/Overpass
8. Alley

Proposed Trails and Pedestrian Ways

A. Pedestrian Trail
B. Creekside Trail
C. Railside Trail
D. Paseo (semi-private)

Proposed Connections / Expanded Connections

I. Fireclay Ave. over light rail and commuter rail to Commerce Dr.
II. 200 West bridge over 4500 South
III. 55 West connection to 4500 South
IV. 200 West bridge upgrade or alternate bridge
V. West Temple bridge over Cottonwood Creek
VI. Central Ave. (4115 South) over commuter rail
VII. Pedestrian crossing over/under commuter rail @ 4400 South
VIII. Pedestrian crossing over/under commuter rail @ 4200 South

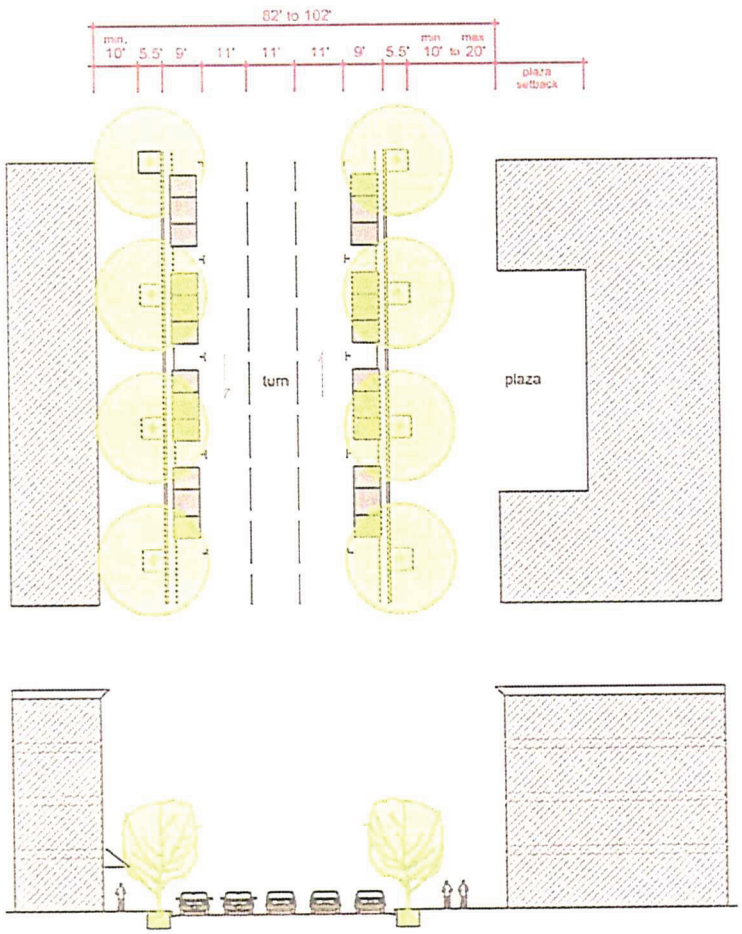
Gateways

- 55 West @ 4500 South
- Main @ 4500 South
- Fireclay @ State Street

Street Section	1. Principal North-South	2. Principal East-West	3. Promenade	4. Couplet	5. Secondary Street - Rail Adjacent	6. Residential Street	7. Underpass/Overpass	8. Alley
Includes:	Main Street	Fireclay Ave. (State St. to Commerce Dr./300 W)	Birkhill Blvd.	Fireclay Ave. 4250 S (West Temple to 200 W) Fireclay Ave. 4300 S (West Temple to 200 W)	Strathmill Way	Hermitage Lane Dalmore Way	Central Ave./ 4115 S under commuter rail Fireclay Ave./4250 S under commuter rail 200 W over 4500 S	Hillswick Lane Dornach Lane Duntrune Lane Kirkwall Way
Thoroughfare Type	Principal, Commercial	Principal, Commercial	Residential, Commercial	Secondary	Secondary	Local	Underpass	Alley
Right-of-Way Width	82' to 102'	71' to 91'	85'	61'	59'	**Option A** *(preferred)* - 57' **Option B** *(subject to City approval)* - 49'	47'	22'
Private Setback Width	0' to 10' each side	0' to 10' each side	9' each side from back of sidewalk	5' min. from back of sidewalk	5' min from back of sidewalk	4' min from back of sidewalk	none	5' min. from back of curb
Pavement Width	51' *(face of curb to face of curb)*	40' *(face of curb to face of curb)*	62' *(face of curb to face of curb, excluding median)*	25' *(face of curb to face of curb)*	33' *(face of curb to face of curb)*	26' *(face of curb to face of curb)*	26' *(face of curb to face of curb)*	22' *(back of curb to back of curb)*
Movement	Slow	Slow	Slow	Slow	Slow	Slow	Slow	Very slow
Design Speed	20 mph	20 mph	20 mph	20 mph	20 mph	15 mph	20 mph	5 mph
Pedestrian Crossing Time *(3.3 ft per second)*	15 seconds	12 seconds	19 seconds including median break	8 seconds	10 seconds	8 seconds	8 seconds	5 seconds
Traffic Lanes	2 travel lanes - 11' each 1 center turn lane - 11'	2 travel lanes - 11' each	2 travel lanes - 16' each	1 one-way travel lane - 14'	2 travel lanes - 11' each	2 travel lanes - 11' each	2 travel lanes - 11' each	2 travel lanes - 9' each
Parking Lanes	2 marked parallel parking lanes – 9' each *(including gutters)*	2 marked parallel parking lanes – 9' each *(including gutters)*	2 marked parallel parking lanes – 9' each *(including gutters)*	1 marked parallel parking lane – 9' *(including gutter)*	1 marked parallel parking lane - 9' *(including gutter)*	None, but on-street parking permitted	none	none
Curb and Gutter	2 curb/gutters – 2.5' each 20' curb radius	2 curb/gutters - 2.5' each 15' curb radius	2 curb/gutters - 2.5' each 10' curb radius	2 curb/gutters - 2.5' each 10' curb radius	2 curb/gutters - 2.5' each 10' curb radius	2 curb/gutters - 2.5' each 10' curb radius	2 curb/gutters - 2.5' each 10' curb radius	2 rolling curbs - 2' each 10' curb radius
Public Frontage Type	Commercial Storefront	Commercial Storefront	Residential Commercial	Residential Mixed-Use	Residential Rail line	Residential	building side frontage	Service Garage Access
Landscape and Walkway	2 sidewalks - min. 10' each Landscape Options: 5.5' concrete park strip *(including curb)* with 5'x5' tree wells or planters Tree spacing - 30' to 50' o.c. Planter spacing - 20' to 50' o.c.	2 sidewalks - min. 10' each Landscape Options: 5.5' concrete park strip *(including curb)* with 5'x5' tree wells or planters Tree spacing - 30' to 50' o.c. Planter spacing - 30' to 50' o.c.	2 sidewalks - min. 6' each 12' *(including curb)* planted median with trees Landscape Options: 5.5' concrete park strip *(including curb)* with 5'x5' tree wells or planters Tree spacing - 30' to 50' o.c. Planter spacing - 30' to 50' o.c.	Park Side of Street: 10' sidewalk 10.5' park strip w/ trees *(including curb)* Building Side of Street: 6' sidewalk 9.5' park strip w/ trees *(including curb)*	Rail Side of Street: 10' trail 10.5' park strip w/ trees *(including curb)* Building Side of Street: 6' sidewalk 9.5' park strip w/ trees *(including curb)*	Option A: *(preferred)* 2 sidewalks - 6' each 2 park strips with trees, adjacent to street - 9.5' each *(including curb)*, plus 4' landscaped building setback Option B: *(subject to City approval)* 2 sidewalks - 6' each 2 park strips with trees, adjacent to street - 5.5' each *(including curb)*, plus 4' private landscaped building setback	2 sidewalks - 10.5' each *(including curb)*	none
Traffic Calming	4' to 9' pedestrian bulb-out at corners, mid-block crossings on blocks over 300' long	4' to 9' pedestrian bulb-out at corners, mid-block crossings on blocks over 300' long	4' to 9' pedestrian bulb-out at corners, mid-block crossings on blocks over 300' long	4' to 9' pedestrian bulb-out at corners, mid-block crossings on blocks over 300 long	4' to 9' pedestrian bulb-out at corners with parking, mid-block crossings on blocks over 300' long	none	4' to 9' pedestrian bulb-outs at corners	none
Streetscape	see streetscape design standards	see streetscape design standards	see streetscape design standards	see streetscape design standards	see streetscape design standards	see streetscape design standards	see streetscape design standards	see streetscape design standards
Note:					Trail: Trail can be placed inside or outside UTA right-of-way as easement permits, as per site plan approval. Parking: Angled or perpendicular parking allowed with additional landscaping	Sidewalk may be eliminated from one side of the street only as special exception if no pedestrian access to building fronts the street, and if determined acceptable through site development review.		Allow parallel or perpendicular parking as approved by City.

1. Principal North-South

Includes:
Main St.

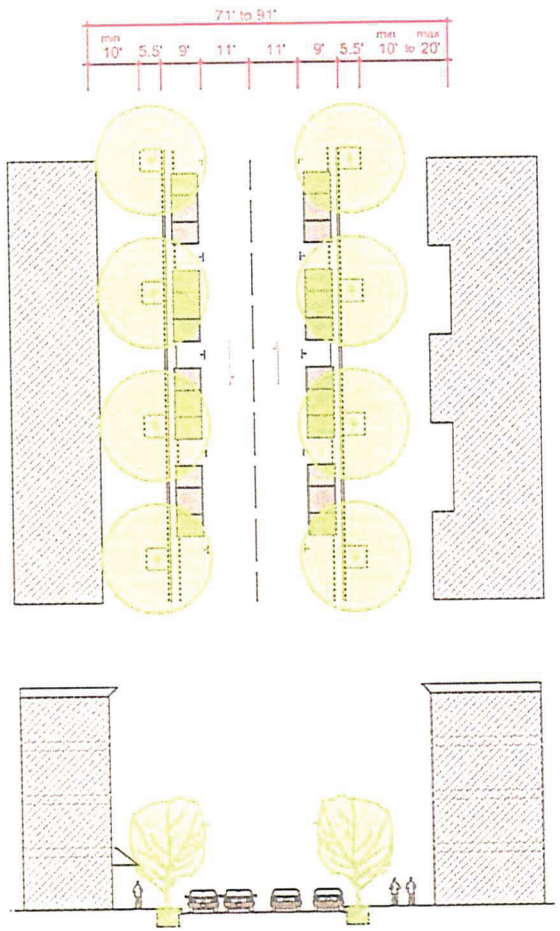


Thoroughfare Type	Principal, Commercial
Right-of-Way Width	82' to 102'
Private Setback Width	0' to 10' each side
Pavement Width	51' *(face of curb to face of curb)*
Movement	slow
Design Speed	20 mph
Pedestrian Crossing Time	15 seconds *(3.3 ft per second)*
Traffic Lanes	2 travel lanes – 11' each 1 center turn lane – 11'
Parking Lanes	2 marked parallel parking lanes – 9' each *(including gutters)*
Curb and Gutter	2 curb/gutters – 2.5' each 20' curb radius
Public Frontage Type	Commercial/Storefront
Walkway	2 sidewalks – min. 10' each
Landscape	5.5' concrete park strip *(including curb)* with 5'x5' tree wells or planters tree spacing – 30' to 50' on center planter spacing – 30' to 50' on center
Traffic calming	4' to 9' pedestrian bulb-out at corners, mid-block crossings on blocks over 300' long
Streetscape	see streetscape design standards

2. Principal East-West

Includes:

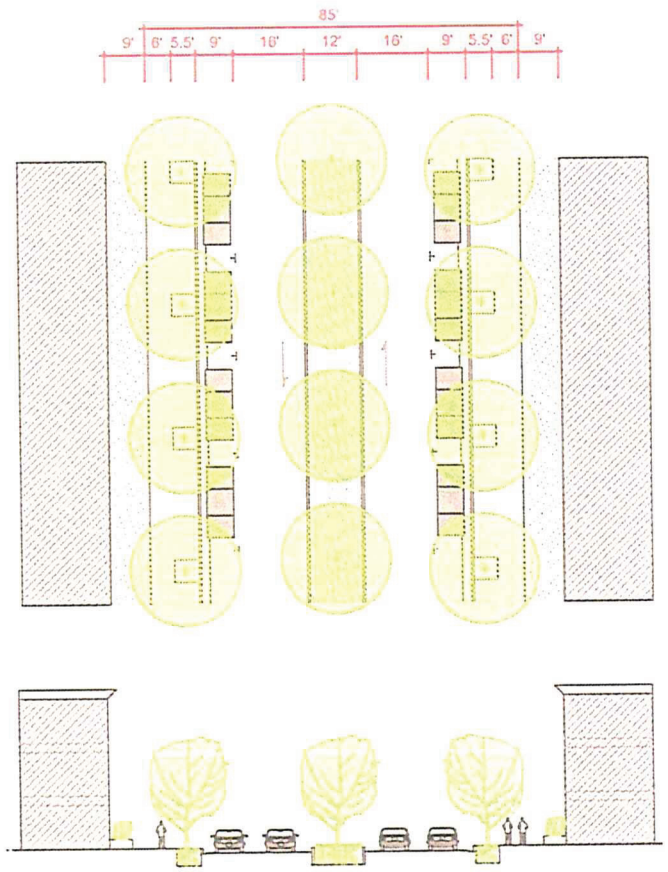
Fireclay Ave. (200 West to Commerce Dr./300 West)



Thoroughfare Type	Principal, Commercial
Right-of-Way Width	71' to 91'
Private Setback Width	0' to 10' each side
Pavement Width	40' *(face of curb to face of curb)*
Movement	slow
Design Speed	20 mph
Pedestrian Crossing Time	12 seconds *(3.3 ft per second)*
Traffic Lanes	2 travel lanes – 11' each
Parking Lanes	2 marked parallel parking lanes – 9' each *(including gutters)*
Curb and Gutter	2 curb/gutters – 2.5' each 15' curb radius
Public Frontage Type	Commercial/Storefront
Walkway	2 sidewalks – 10' min. each
Landscape	5.5' concrete park strip *(including curb)* with 5'x5' tree wells or planters tree spacing – 30' to 50' on center planter spacing — 30' to 50' on center
Traffic calming	4' to 9' pedestrian bulb-out at corners, mid-block crossings on blocks over 300' long
Streetscape	see streetscape design standards

3. Promenade

Includes:
Birkhill Blvd.

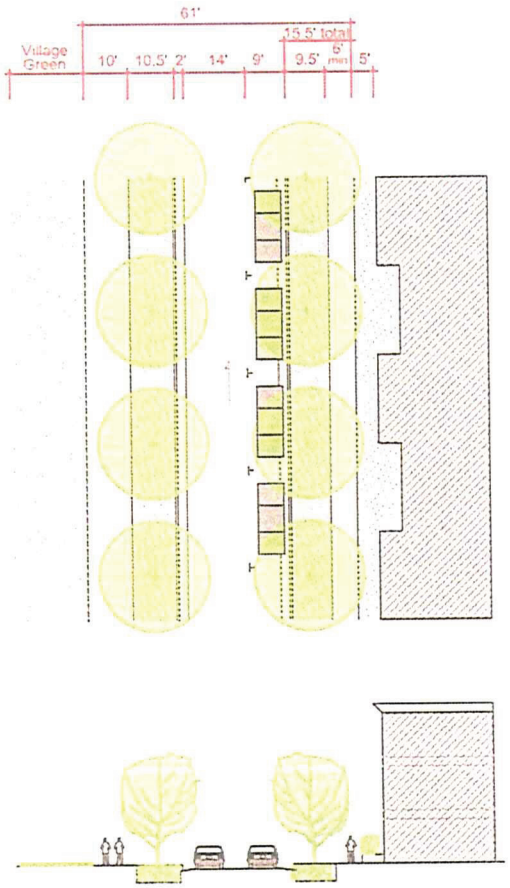


Thoroughfare Type	Residential / Commercial
Public Right-of-Way Width	85'
Private Setback Width	9' each side from back of sidewalk
Pavement Width	62' *(face of curb to face of curb, excluding median)*
Movement	Slow
Design Speed	20 mph
Pedestrian Crossing Time	19 seconds including median break
Traffic Lanes	2 travel lanes – 16' each
Parking Lanes	2 marked parallel parking lanes – 9' each *(including gutters)*
Curb and Gutter	2 curb/gutters – 2.5' each 10' curb radius
Public Frontage Type	Residential, Commercial
Walkway	2 sidewalks – 6' min. each
Landscape	5.5' concrete park strip *(including curb)* with 5'x5' tree wells or planters tree spacing – 30' to 50' on center planter spacing — 30' to 50' on center 12' *(including curb)* planted median w/ trees
Traffic calming	4' to 9' pedestrian bulb-out at corners, mid-block crossings on blocks over 300' long
Streetscape	see streetscape design standards

4. Couplet

Includes:

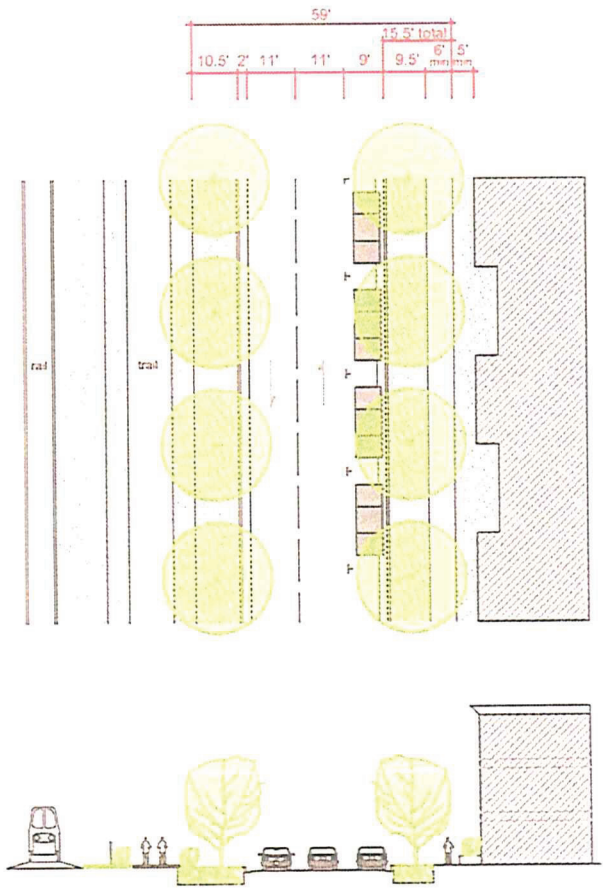
Fireclay Ave. 4250 South (West Temple to 200 W)
Fireclay Ave. 4300 South (West Temple to 200 W)



Thoroughfare Type	Secondary
Right-of-Way Width	61'
Private Setback Width	5' min. from back of sidewalk
Pavement Width	25' *(face of curb to face of curb)*
Movement	Slow
Design Speed	20 mph
Pedestrian Crossing Time	8 seconds *(3.3 ft per second)*
Traffic Lanes	1 one-way travel lane – 14'
Parking Lanes	1 marked parallel parking lane – 9' *(including gutter)*
Curb and Gutter	2 curb/gutters – 2.5' each 10' curb radius
Public Frontage Type	Residential/Mixed Use
Walkway	Park side – 10' sidewalk Building side – 6' sidewalk
Landscape	Park side – 10.5' park strip with trees* Building side – 9.5' park strip with trees* **including curb*
Traffic calming	64' to 9' pedestrian bulb-out at corners, mid-block crossings on blocks over 300' long
Streetscape	see streetscape design standards

5. Secondary Street - Rail Adjacent

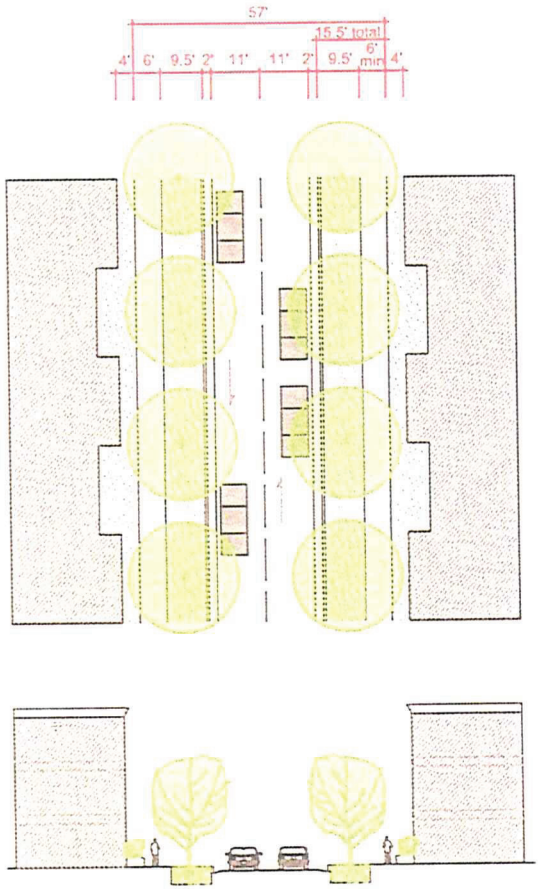
Includes:
Strathmill Way



Thoroughfare Type	Secondary
Right-of-Way Width	59'
Private Setback Width	5' min. from back of sidewalk
Pavement Width	33' *(face of curb to face of curb)*
Movement	Slow
Design Speed	20 mph
Pedestrian Crossing Time	10 seconds *(3.3 ft per second)*
Traffic Lanes	2 travel lanes – 11' each
Parking Lanes	1 marked parallel parking lane – 9' *(including gutter)*
Curb and Gutter	2 curb/gutters – 2.5' each 10' curb radius
Public Frontage Type	Residential, rail line
Walkway	Rail side – 10' trail Building side – 6' sidewalk
Landscape	Rail side – 10.5' park strip with trees* Building side – 9.5' park strip with trees* **including curbs*
Traffic calming	4' to 9' pedestrian bulb-out at corners, mid-block crossings on blocks over 300' long
Streetscape	see streetscape design standards
Notes:	Trail: Trail can be placed inside or outside UTA right-of-way as easement permits, and as per site plan approval. Parking: Angled or perpendicular parking allowed with additional landscaping

6. Residential Street

Includes:
Hermitage Avenue
Dalmore Avenue

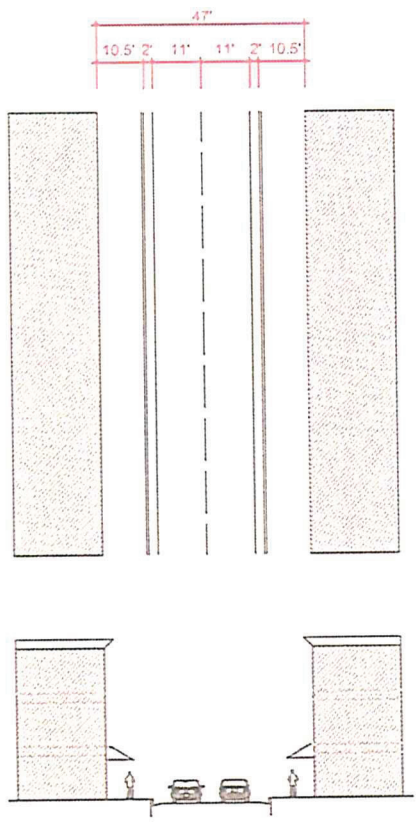


Thoroughfare Type	Local
Right-of-Way Width	**Option A** *(preferred)* 57' **Option B** *(subject to City approval)* 49'
Private Setback Width	4' min. from back of sidewalk
Pavement Width	26' *(face of curb to face of curb)*
Movement	Slow
Design Speed	15 mph
Pedestrian Crossing Time	8 seconds *(3.3 ft per second)*
Traffic Lanes	2 travel lanes – 11' each
Parking Lanes	None, but on-street parking permitted
Curb and Gutter	2 curb/gutters – 2.5' each 10' curb radius
Public Frontage Type	Residential
Walkway	6' sidewalk
Landscape	**Option A** *(preferred)* 9.5' park strip w/trees, adjacent to street* **Option B** *(subject to City approval)* 5.5' park strip w/ trees, adjacent to street* and 4' private landscaped building setback **including curbs*
Traffic calming	none
Streetscape	see streetscape design standards

7. Underpass/Overpass

Includes:

Central Ave./4115 South under commuter rail
Fireclay Ave./4250 South under commuter rail
200 West over 4500 South

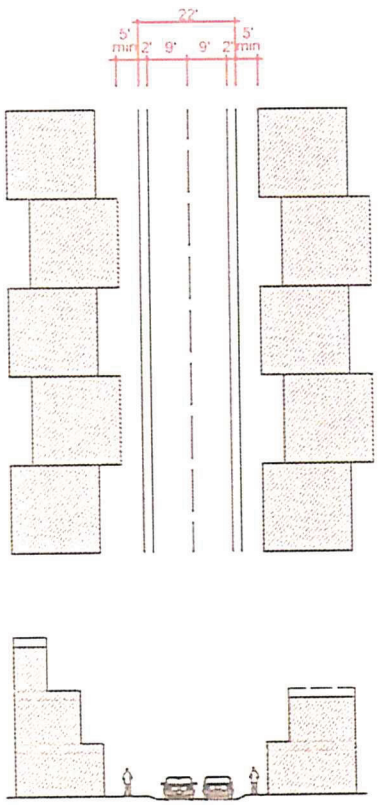


Thoroughfare Type	Underpass
Right-of-Way Width	47'
Private Setback Width	none
Pavement Width	26' *(face of curb to face of curb)*
Movement	slow
Design Speed	20 mph
Pedestrian Crossing Time	8 seconds *(3.3 ft per second)*
Traffic Lanes	2 travel lanes – 11' each
Parking Lanes	none
Curb and Gutter	2 curb/gutters – 2.5' each 10' curb radius
Public Frontage Type	building side frontage
Walkway	2 sidewalks – 10.5' each *(including curb)*
Landscape	none
Traffic calming	4' to 9' pedestrian bulb-outs at corners
Streetscape	see streetscape design standards

8. Alley

Includes:

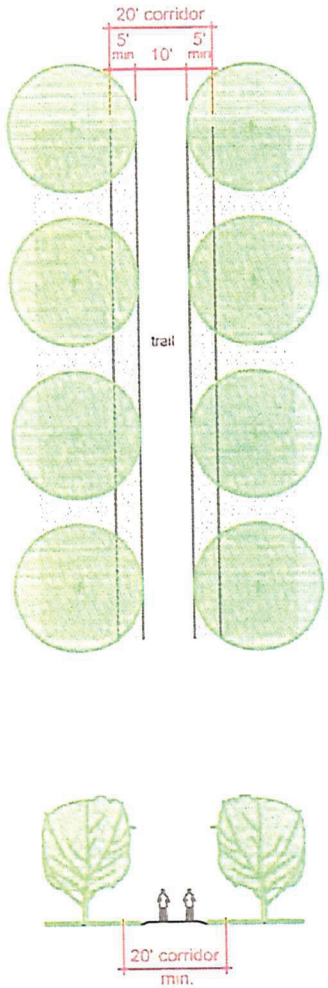
Hillswick Lane
Dornack Lane
Duntnine Lane
Kirkwall Way



Thoroughfare Type	Alley
Right-of-Way Width	22'
Private Setback Width	5' min. from back of curb
Pavement Width	22' *(back of curb to back of curb)*
Movement	Very Slow
Design Speed	5 mph
Pedestrian Crossing Time	5 seconds *(3.3 ft per second)*
Traffic Lanes	2 travel lanes – 9' each
Parking Lanes	none
Curb and Gutter	2 rolling curbs – 2' each 10' curb radius
Public Frontage Type	service, garage, access
Walkway	none
Landscape	none
Traffic calming	none
Streetscape	none
Notes:	Allow parallel or perpendicular parking as approved by City.

A. Pedestrian Trail

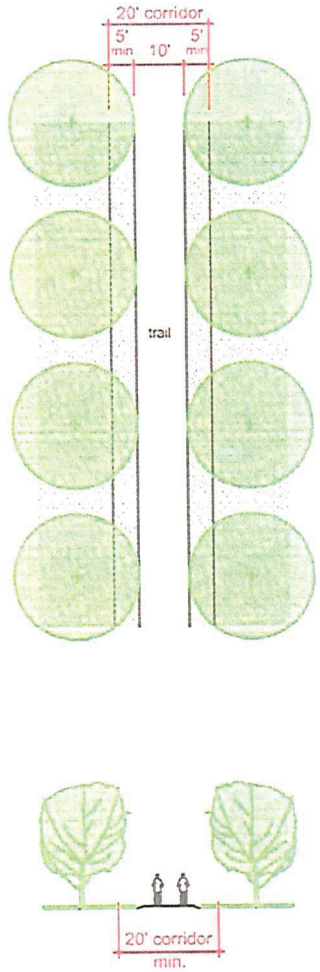
Includes:
Not designated



Trail Type	Circulation
Corridor Width	20'
Path Width	10'
Walking surface	concrete
Uses	walking, strollers
Landscape	5' min. park strip each side
Drainage	Drain to park strip
Note:	

B. Creekside Trail

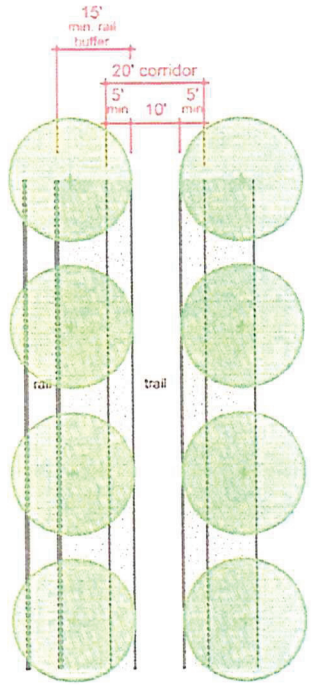
Includes:
Not designated

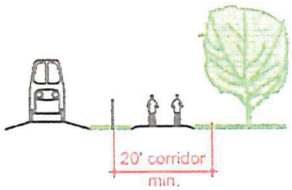


Trail Type	Recreation
Corridor Width	20'
Path Width	10'
Walking surface	asphalt
Uses	walking, biking, recreation
Landscape	5' min. park strip each side
Drainage	swale to natural areas
Note:	

C. Railside Trail

Includes:
Not designated

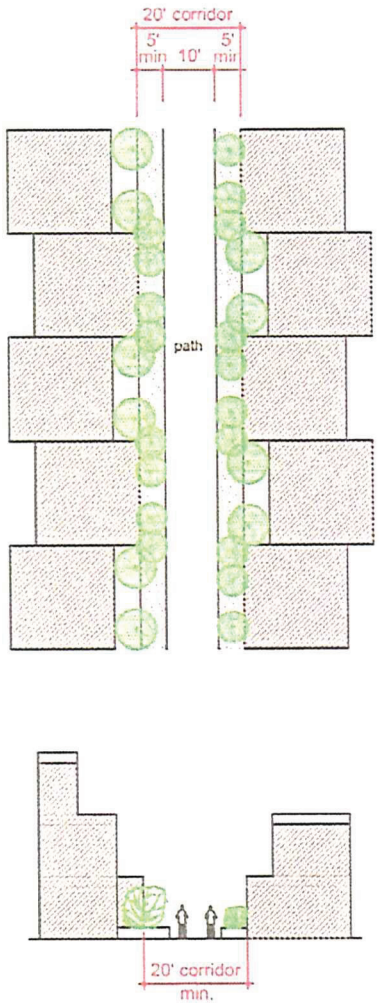




Trail Type	Circulation and Recreation
Corridor Width	20'
Path Width	10'
Walking surface	asphalt
Uses	walking, biking, recreation
Landscape	15' rail buffer
Drainage	drain buffer area
Note:	Trail may be located within UTA corridor, or road right-of-way, depending on easements granted.

D. Pedestrian Paseo

Includes:
Not designated



Trail Type	Access
Corridor Width	20'
Path Width	10'
Walking surface	concrete
Uses	walking, access, deliveries
Landscape	5' min. park strip each side
Drainage	drain to park strip
Note:	Corridor and path widths may be adjusted for paseos designed for private access, as exceptions granted through individual site plan review.