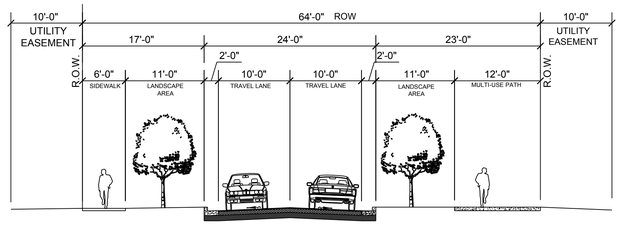


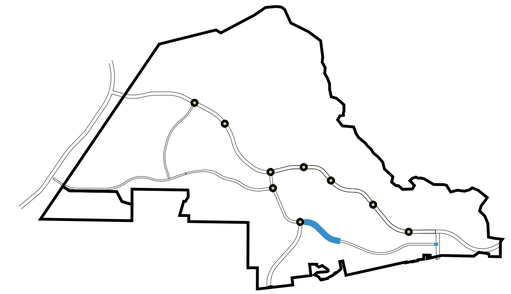
TYPICAL SECTION - ROAD B

64' ROW - NO ON-STREET PARKING

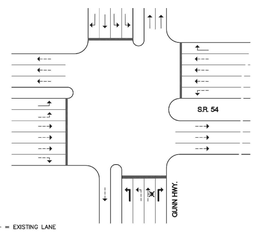
SLOW STREET DESIGN SPEED 25 mph.

SCALE 1"=10'-0"

NOTE #1 DESIGN SPEED WILL BE REDUCED TO 20 MPH AT ROUNDABOUTS



CONCEPTUAL INTERSECTION GEOMETRY



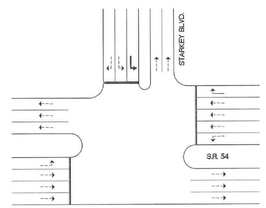
←--- = EXISTING LANE
⟵ = PROPOSED LANE (Mobility Fee Credit – Actual Cost of Improvement)
←— = PROPOSED LANE (No Mobility Fee Credit – Developer's Cost)

INTERSECTION GEOMETRY

MOVEMENT	LANES	LANE LENGTH (1)
EBL	2	450'
EBR	1	525' (EXISTING)
WBL	1	1100'
WBR	1	350'
NBL	2	535'
NBR	1	285'
SBL	2	385'
SBR	1	235'

(1) TURN LANE LENGTH INCLUDE DECELERATION AND TAPER.
(2) SOUTHBOUND TRIPLE LEFT TURN LANES SHALL BE DESIGNED. HOWEVER, DEVELOPER SHALL ONLY BE REQUIRED TO CONSTRUCT DUAL LEFT TURN LANES AS PART OF THE INITIAL CONSTRUCTION.

SR 54 and Gunn Hwy.



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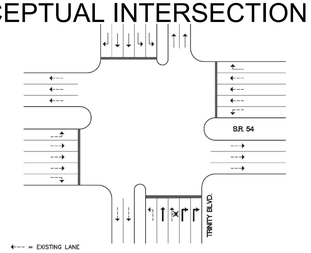
⟵ = PROPOSED LANE (Mobility Fee Credit – Actual Cost of Improvement)
←— = PROPOSED LANE (No Mobility Fee Credit – Developer's Cost)

INTERSECTION GEOMETRY

MOVEMENT	LANES	LANE LENGTH (1)
EBL	1	800' (2)
WBR	1	600' (EXISTING)
SBL	2	435'

(1) TURN LANE LENGTH INCLUDE DECELERATION AND TAPER.
(2) MAXIMUM LENGTH THAT CAN BE PROVIDED DUE TO EXISTING MEDIAN OPENING TO THE WEST.

SR 54 and Starkey Blvd.



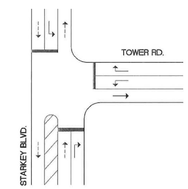
←--- = EXISTING LANE
⟵ = PROPOSED LANE (Mobility Fee Credit – Actual Cost of Improvement)
←— = PROPOSED LANE (No Mobility Fee Credit – Developer's Cost)

INTERSECTION GEOMETRY

MOVEMENT	LANES	LANE LENGTH (1)
EBL	1	475' (2)
EBR	1	400' (PROPOSED) (3)
WBL	1	1485' (PROPOSED) (3)
WBR	1	750'
NBL	1	360'
NBR	2	435'
SBL	2	470'
SBR	1	310'

(1) TURN LANE LENGTH INCLUDE DECELERATION AND TAPER.
(2) MAXIMUM LENGTH THAT CAN BE PROVIDED DUE TO EXISTING MEDIAN OPENING TO THE WEST.
(3) PROPOSED TO BE CONSTRUCTED BY TRINITY.
(4) SOUTHBOUND TRIPLE LEFT TURN LANES SHALL BE DESIGNED. HOWEVER, DEVELOPER SHALL ONLY BE REQUIRED TO CONSTRUCT DUAL LEFT TURN LANES AS PART OF THE INITIAL CONSTRUCTION.

SR 54 and Trinity Blvd.



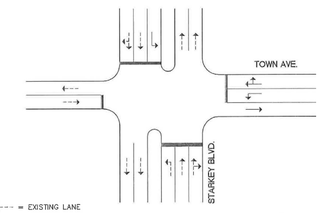
←--- = EXISTING LANE
⟵ = PROPOSED LANE (Mobility Fee Credit – Actual Cost of Improvement)
←— = PROPOSED LANE (No Mobility Fee Credit – Developer's Cost)

INTERSECTION GEOMETRY

MOVEMENT	LANES	LANE LENGTH (1)
WBL	1	460'
NBR	1	560'
SBL	1	560'

(1) TURN LANE LENGTH INCLUDE DECELERATION AND TAPER.

Starkey Blvd and Tower North



←--- = EXISTING LANE
⟵ = PROPOSED LANE (Mobility Fee Credit – Actual Cost of Improvement)
←— = PROPOSED LANE (No Mobility Fee Credit – Developer's Cost)

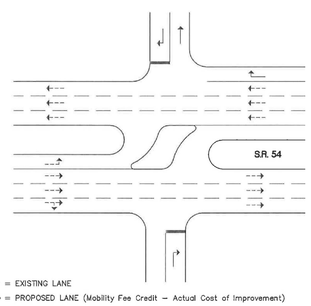
INTERSECTION GEOMETRY

MOVEMENT	LANES	LANE LENGTH (1)
SBL	1	260'
WBL	1	410'

(1) TURN LANE LENGTH INCLUDE DECELERATION AND TAPER.

Starkey Blvd and Town Ave.

PROJECT ACCESS A



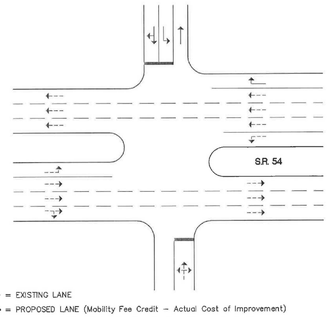
←--- = EXISTING LANE
⟵ = PROPOSED LANE (Mobility Fee Credit – Actual Cost of Improvement)
←— = PROPOSED LANE (No Mobility Fee Credit – Developer's Cost)

INTERSECTION GEOMETRY

MOVEMENT	LANES	LANE LENGTH
EBL	1	475'
WBR	1	350'

SR 54 and Access A

PROJECT ACCESS B



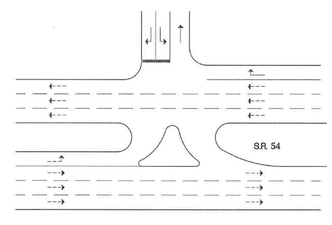
←--- = EXISTING LANE
⟵ = PROPOSED LANE (Mobility Fee Credit – Actual Cost of Improvement)
←— = PROPOSED LANE (No Mobility Fee Credit – Developer's Cost)

INTERSECTION GEOMETRY

MOVEMENT	LANES	LANE LENGTH
EBL	1	500'
WBR	1	350'

SR 54 and Access B

PROJECT ACCESS C



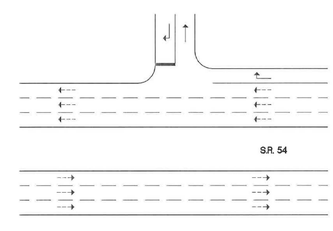
←--- = EXISTING LANE
⟵ = PROPOSED LANE (Mobility Fee Credit – Actual Cost of Improvement)
←— = PROPOSED LANE (No Mobility Fee Credit – Developer's Cost)

INTERSECTION GEOMETRY

MOVEMENT	LANES	LANE LENGTH
EBL	1	400'
WBR	1	350'

SR 54 and Access C

PROJECT ACCESS D



←--- = EXISTING LANE
⟵ = PROPOSED LANE (Mobility Fee Credit – Actual Cost of Improvement)
←— = PROPOSED LANE (No Mobility Fee Credit – Developer's Cost)

INTERSECTION GEOMETRY

MOVEMENT	LANES	LANE LENGTH
WBR	1	350'

SR 54 and Access D

DRC Approved 11/21/2013

HEIDT DESIGN
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Transportation Engineering
Ecological Services • Landscape Architecture
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Tampa, Florida 33610
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www.HeidtDesign.com

STARKEY RANCH

MASTER ROADWAY PLAN

PREPARED FOR: WS-TSR, LLC. (WHEELOCK STREET CAPITAL, LLC.)

R:\STARKEY RANCH\MASTER PLAN\WORKING FILES\CURRENT DRAWINGS\MP\ROADWAY & TRAIL MASTER PLAN\MASTER ROADWAY PLAN DWG-C-104 2014\02\07 12:39 PM DOUG DIERLICH

DATE	DESCRIPTION
2/07/2014	REVISED PER INTERSECTION UPDATES
11/12/2013	REVISED PER COUNTY COMMENTS
10/10/2013	REVISED PER COUNTY COMMENTS

PROJECT NO:	TSR-SR-1003
FILE: MASTER ROADWAY PLAN	
DESIGN BY:	DPD
DRAWN BY:	DPD

FLORIDA PROFESSIONAL ENGINEER

GARY D. MILLER, P.E.
DATE:
REGISTRATION NO. 52717

C-104

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