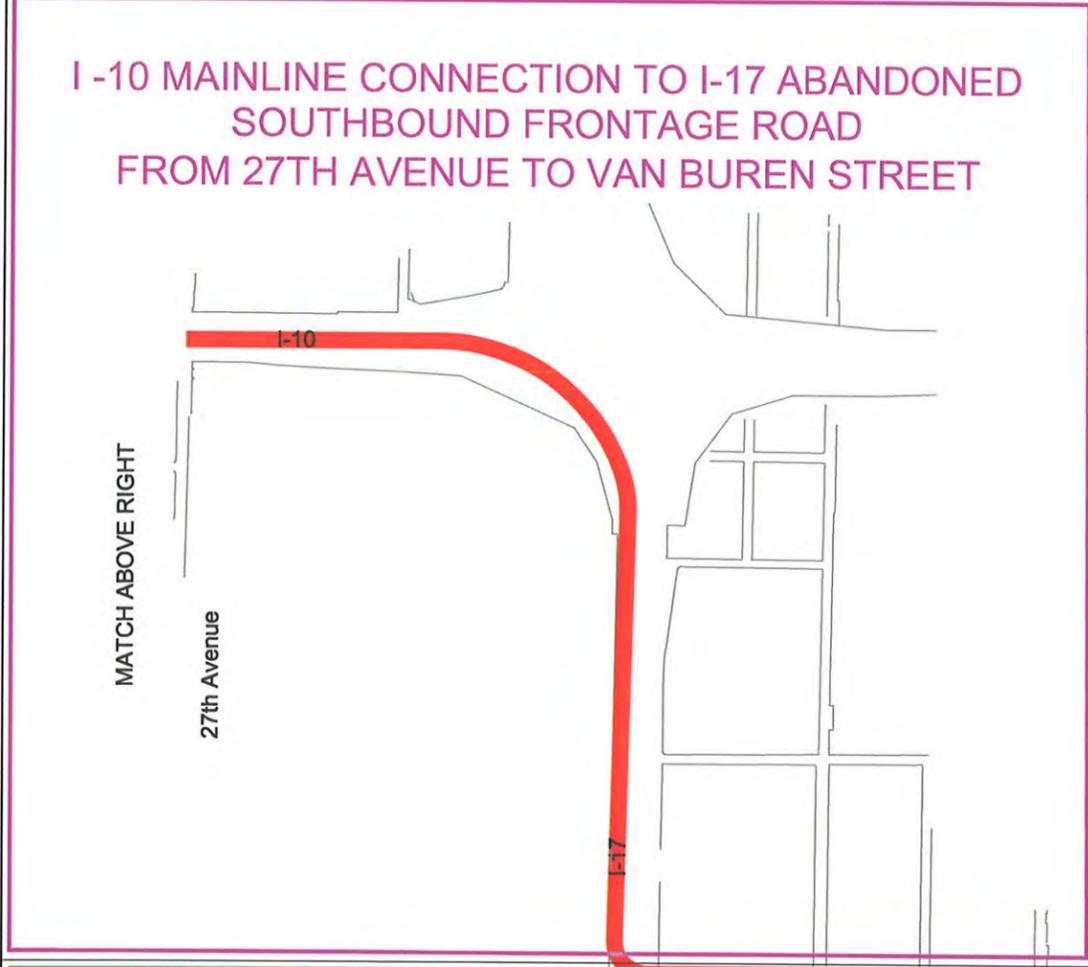


Appendix A

Conceptual Design of LPA – Phoenix West LRT

DRAFT

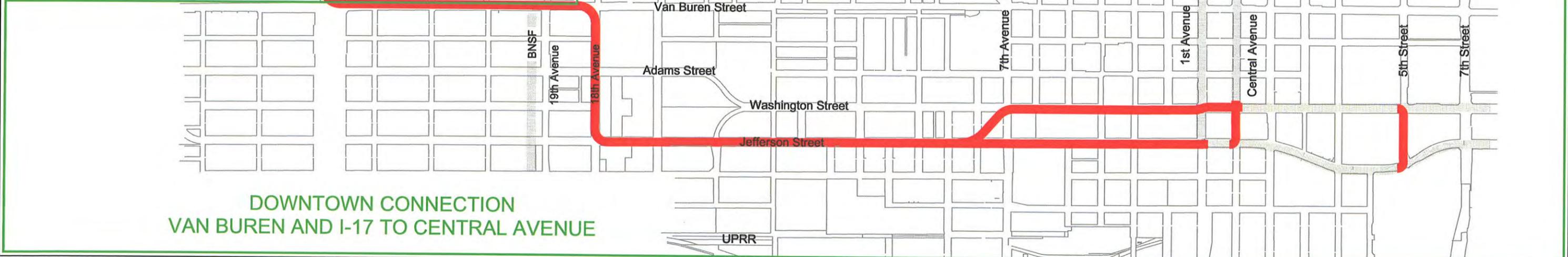


LEGEND

- I - 10 MAINLINE
- I - 17 FRONTAGE ROAD
- DOWNTOWN CONNECTION
- PROPOSED LIGHT RAIL
- EXISTING LIGHT RAIL

**Valley Metro Rail
Phoenix West LRT Extension
Conceptual Design
Interim Locally Preferred Alternative**

0 1/2 Mile 1 Mile

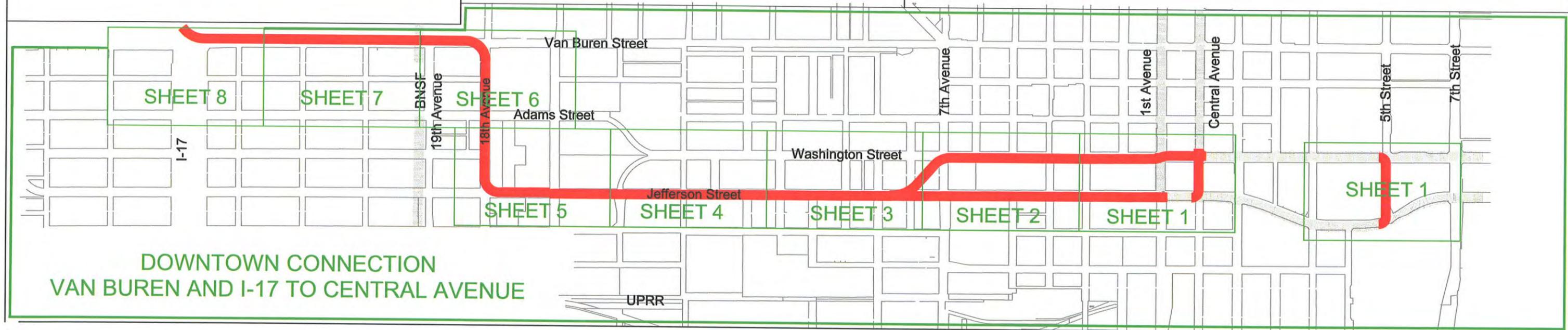
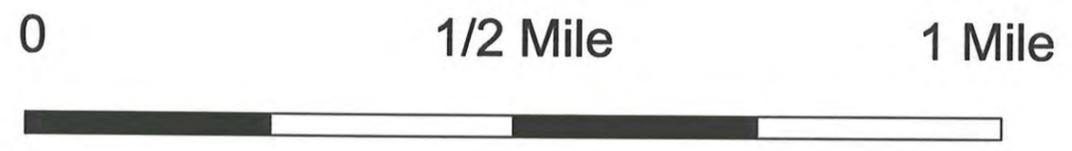




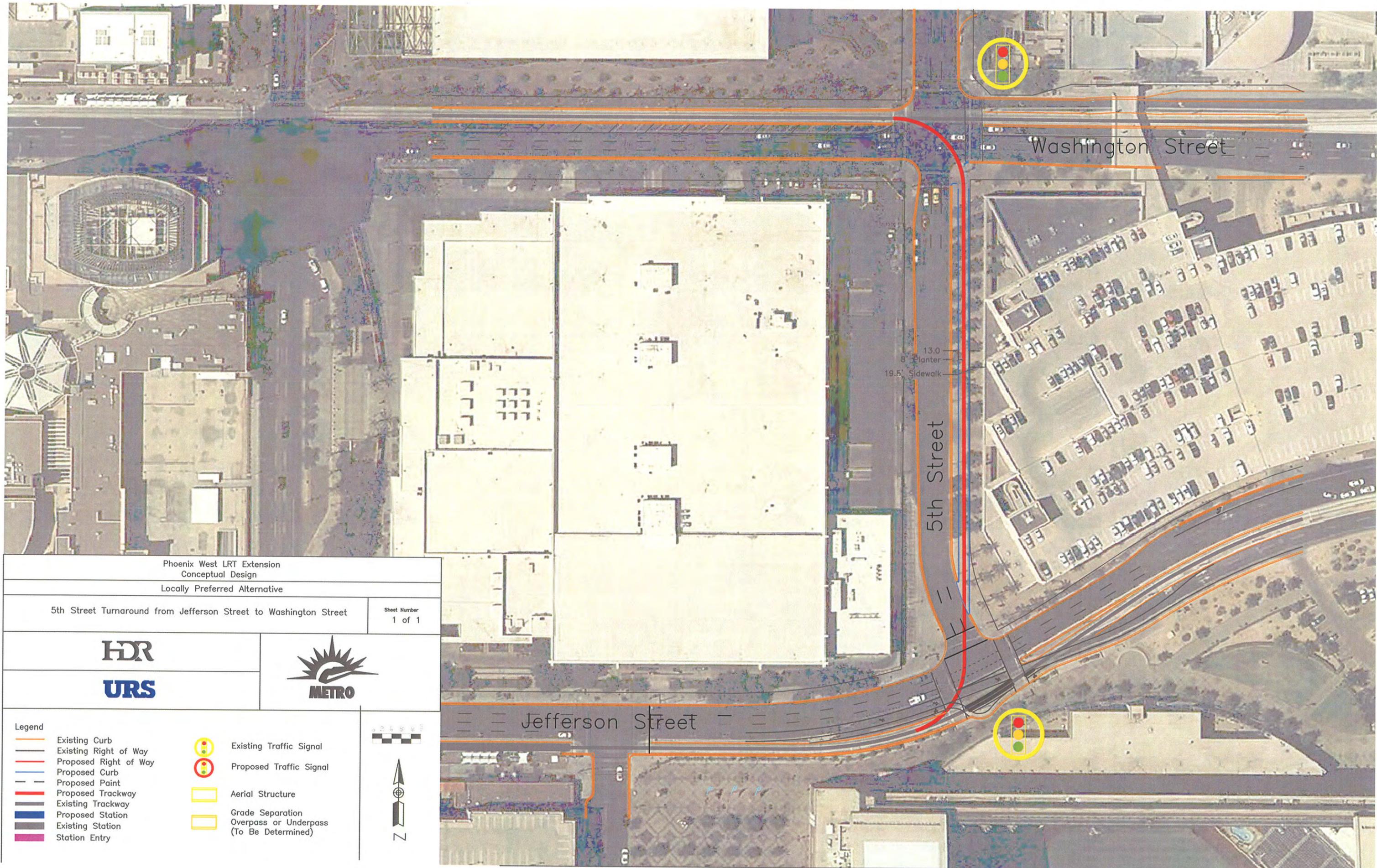
Valley Metro Rail Phoenix West LRT Extension Conceptual Design Interim Locally Preferred Alternative

LEGEND

- I - 10 MAINLINE
- I - 17 FRONTAGE ROAD
- DOWNTOWN CONNECTION
- PROPOSED LIGHT RAIL
- EXISTING LIGHT RAIL



DOWNTOWN CONNECTION
VAN BUREN AND I-17 TO CENTRAL AVENUE



Phoenix West LRT Extension
Conceptual Design
Locally Preferred Alternative

5th Street Turnaround from Jefferson Street to Washington Street

Sheet Number
1 of 1



Legend

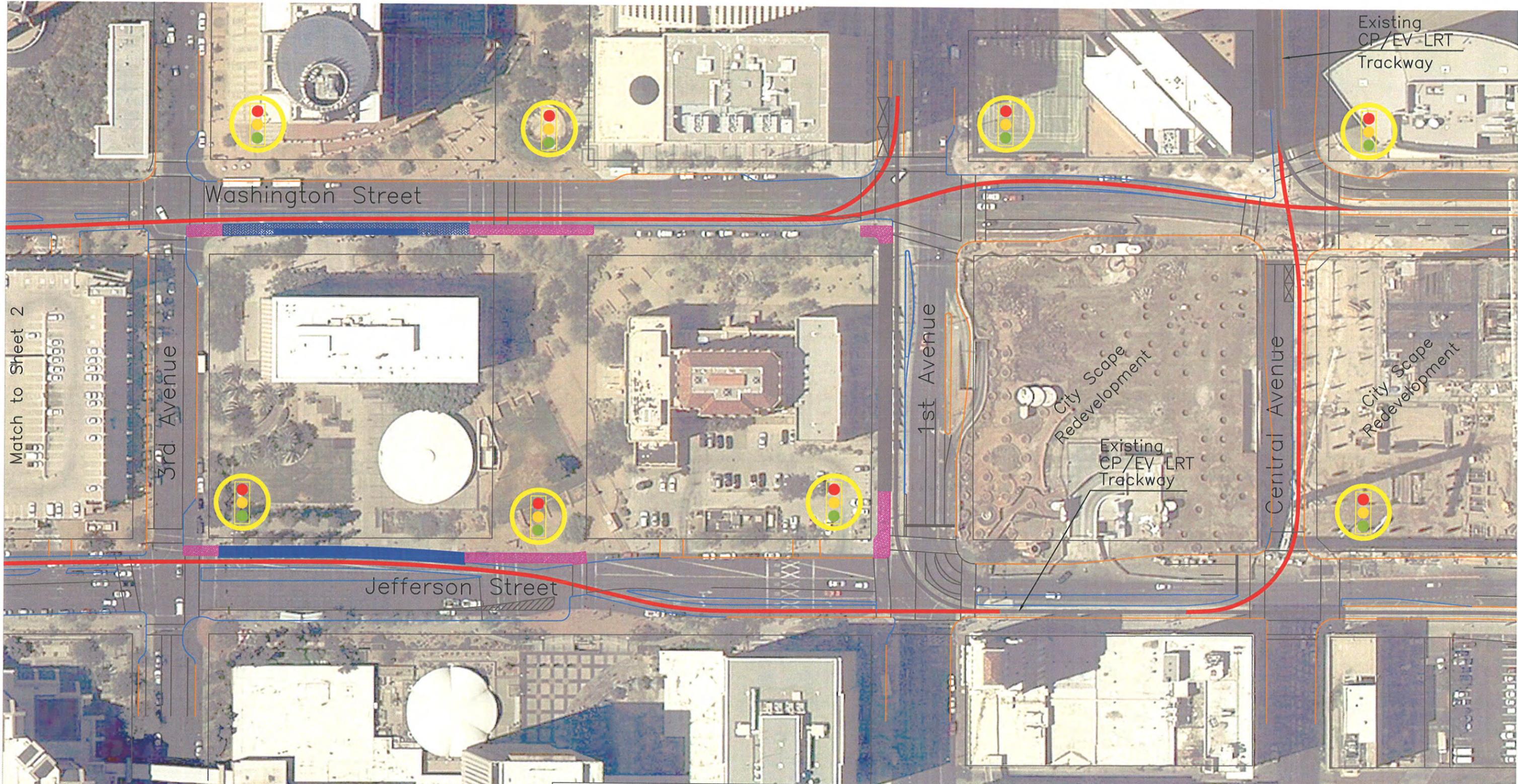
- Existing Curb
- Existing Right of Way
- Proposed Right of Way
- Proposed Curb
- Proposed Point
- Proposed Trackway
- Existing Trackway
- Proposed Station
- Existing Station
- Station Entry
- Existing Traffic Signal
- Proposed Traffic Signal
- Aerial Structure
- Grade Separation Overpass or Underpass (To Be Determined)



13.0
8' Planter
19.5' Sidewalk
5th Street

Washington Street

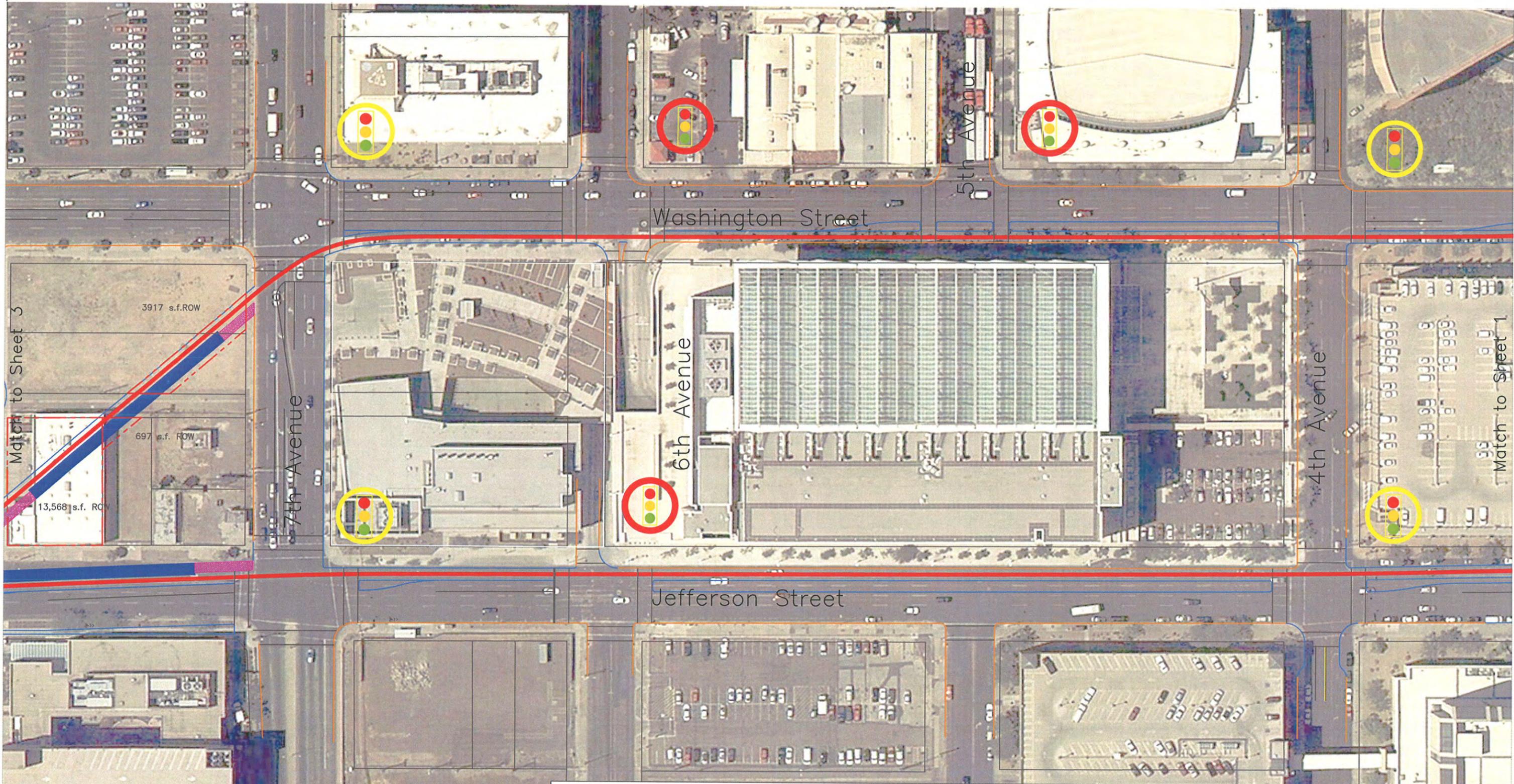
Jefferson Street



- Legend**
- Existing Curb
 - Existing Right of Way
 - Proposed Right of Way
 - Proposed Curb
 - Proposed Paint
 - Proposed Trackway
 - Existing Trackway
 - Proposed Station
 - Existing Station
 - Station Entry
 - Existing Traffic Signal
 - Proposed Traffic Signal
 - Aerial Structure
 - Grade Separation Overpass or Underpass (To Be Determined)



Phoenix West LRT Extension Conceptual Design	
Locally Preferred Alternative	
Downtown Connection from Van Buren Street to Central Avenue	Sheet Number 1 of 8



Legend

-  Existing Curb
-  Existing Right of Way
-  Proposed Right of Way
-  Proposed Curb
-  Proposed Paint
-  Proposed Trackway
-  Proposed Station
-  Existing Station
-  Station Entry
-  Existing Traffic Signal
-  Proposed Traffic Signal
-  Aerial Structure
-  Grade Separation Overpass or Underpass (To Be Determined)



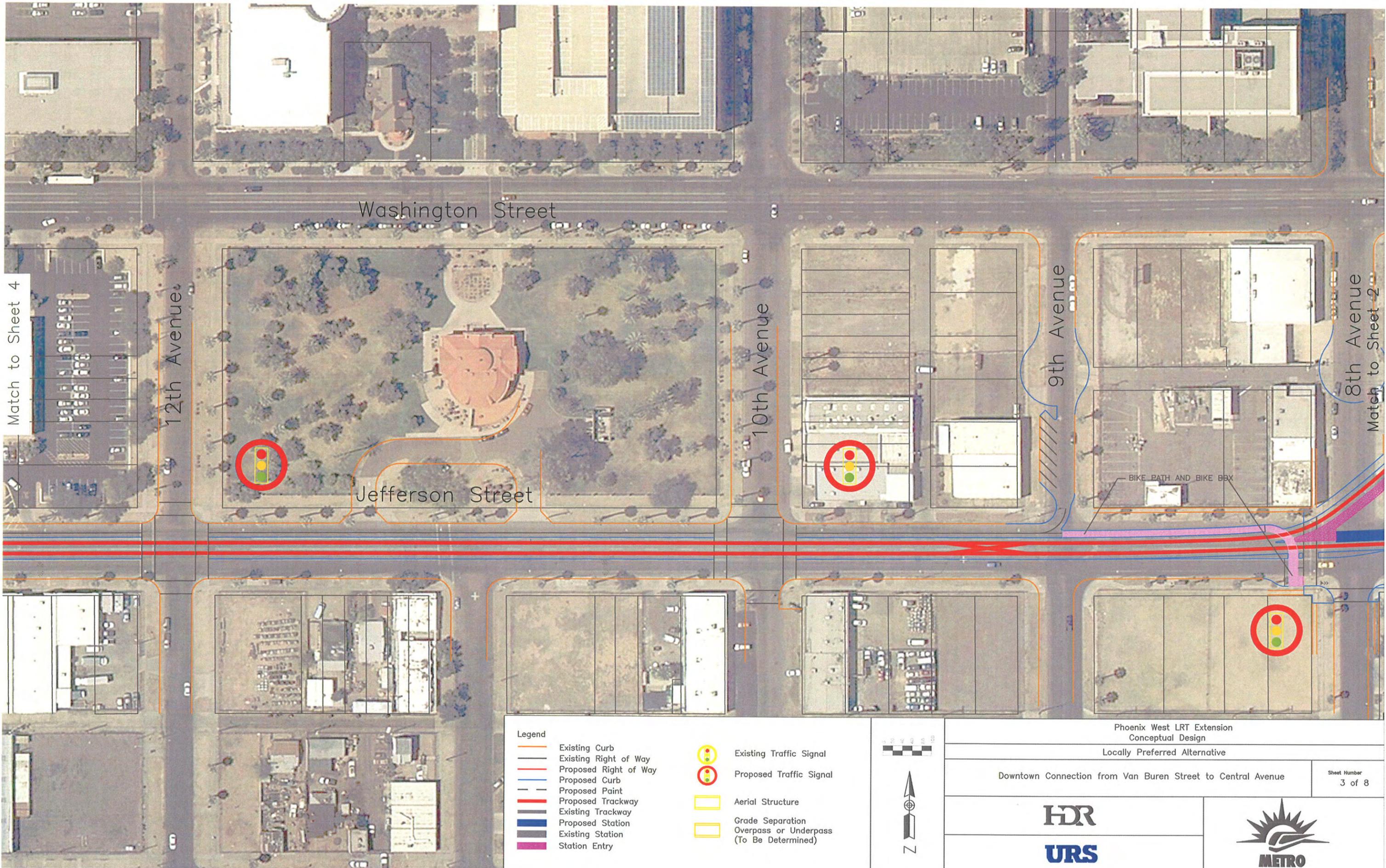
Phoenix West LRT Extension
Conceptual Design

Locally Preferred Alternative

Downtown Connection from Van Buren Street to Central Avenue

Sheet Number
2 of 8





- Legend**
- Existing Curb
 - Existing Right of Way
 - Proposed Right of Way
 - Proposed Curb
 - Proposed Paint
 - Proposed Trackway
 - Existing Trackway
 - Proposed Station
 - Existing Station
 - Station Entry
 - Existing Traffic Signal
 - Proposed Traffic Signal
 - Aerial Structure
 - Grade Separation Overpass or Underpass (To Be Determined)



Phoenix West LRT Extension Conceptual Design	
Locally Preferred Alternative	
Downtown Connection from Van Buren Street to Central Avenue	Sheet Number 3 of 8



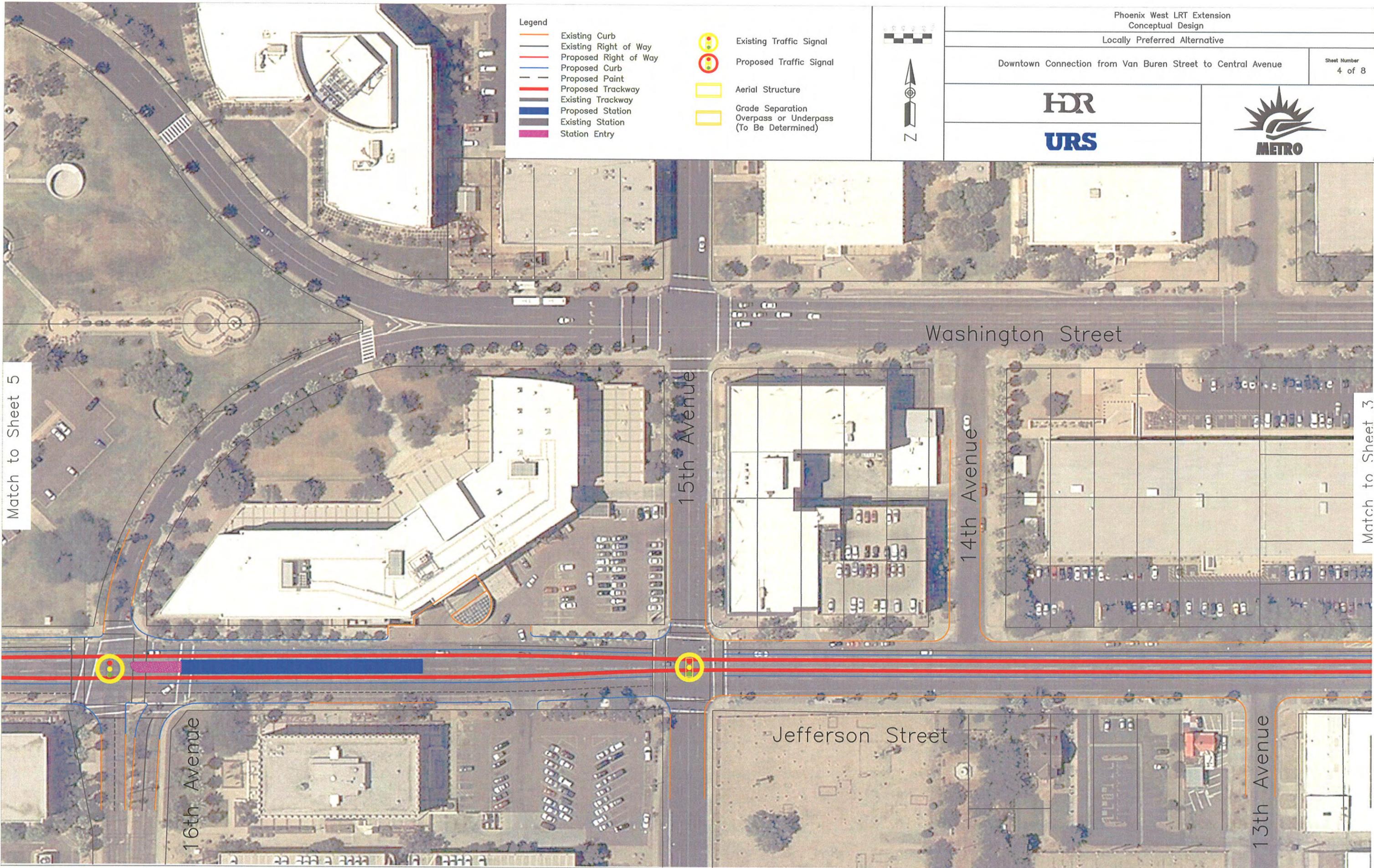
Legend

- Existing Curb
- Existing Right of Way
- Proposed Right of Way
- Proposed Curb
- Proposed Paint
- Proposed Trackway
- Existing Trackway
- Proposed Station
- Existing Station
- Station Entry
- Existing Traffic Signal
- Proposed Traffic Signal
- Aerial Structure
- Grade Separation
Overpass or Underpass
(To Be Determined)

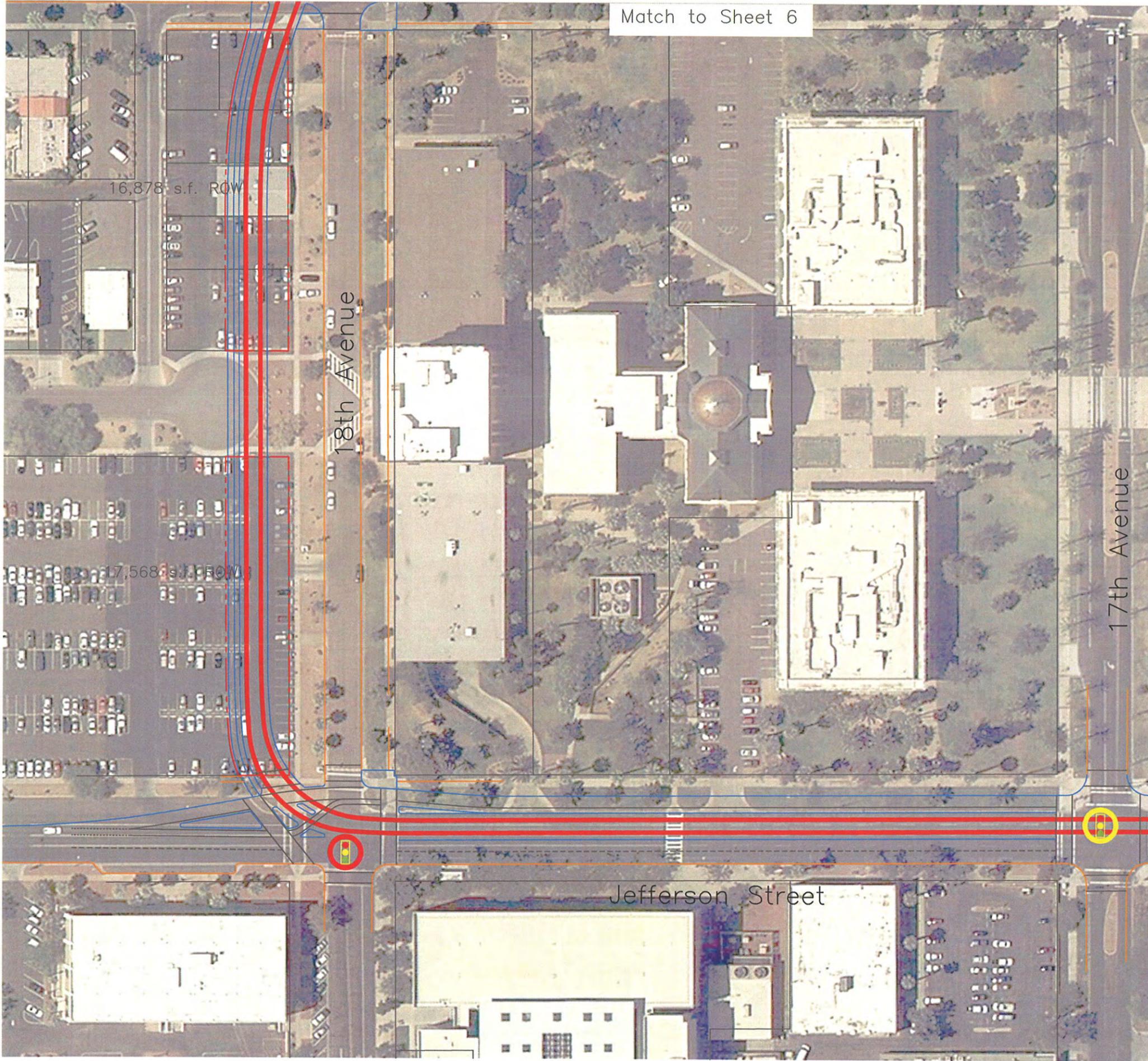


Match to Sheet 5

Match to Sheet 3



Match to Sheet 6



16,878 s.f. ROW

18th Avenue

17,568 s.f. ROW

17th Avenue

Jefferson Street

Legend

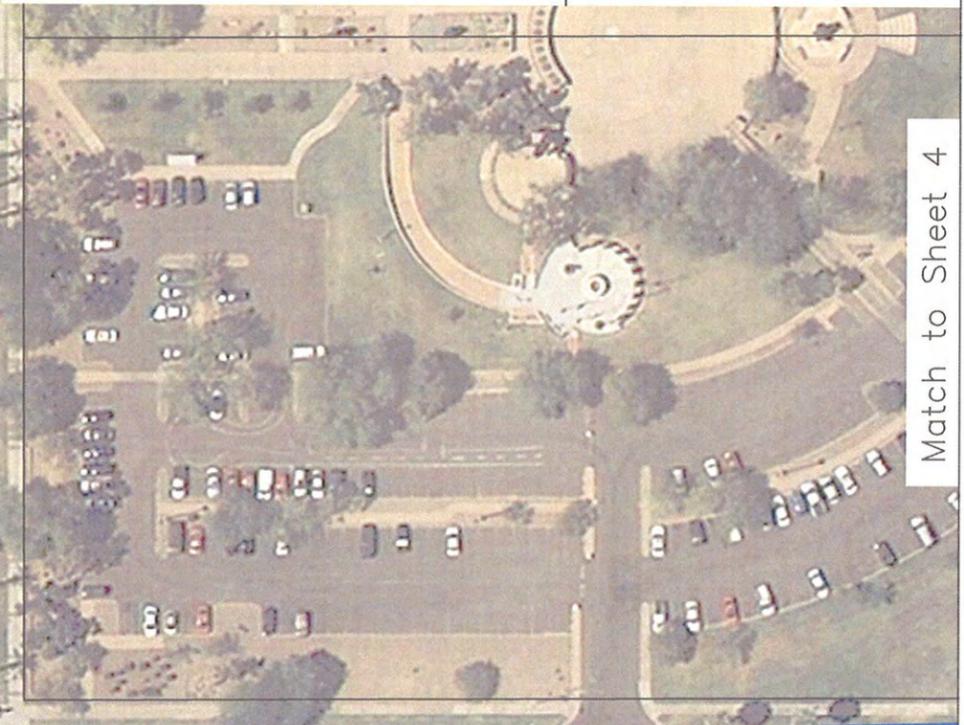
-  Existing Curb
-  Existing Right of Way
-  Proposed Right of Way
-  Proposed Curb
-  Proposed Paint
-  Proposed Trackway
-  Existing Trackway
-  Proposed Station
-  Existing Station
-  Station Entry
-  Existing Traffic Signal
-  Proposed Traffic Signal
-  Aerial Structure
-  Grade Separation Overpass or Underpass (To Be Determined)



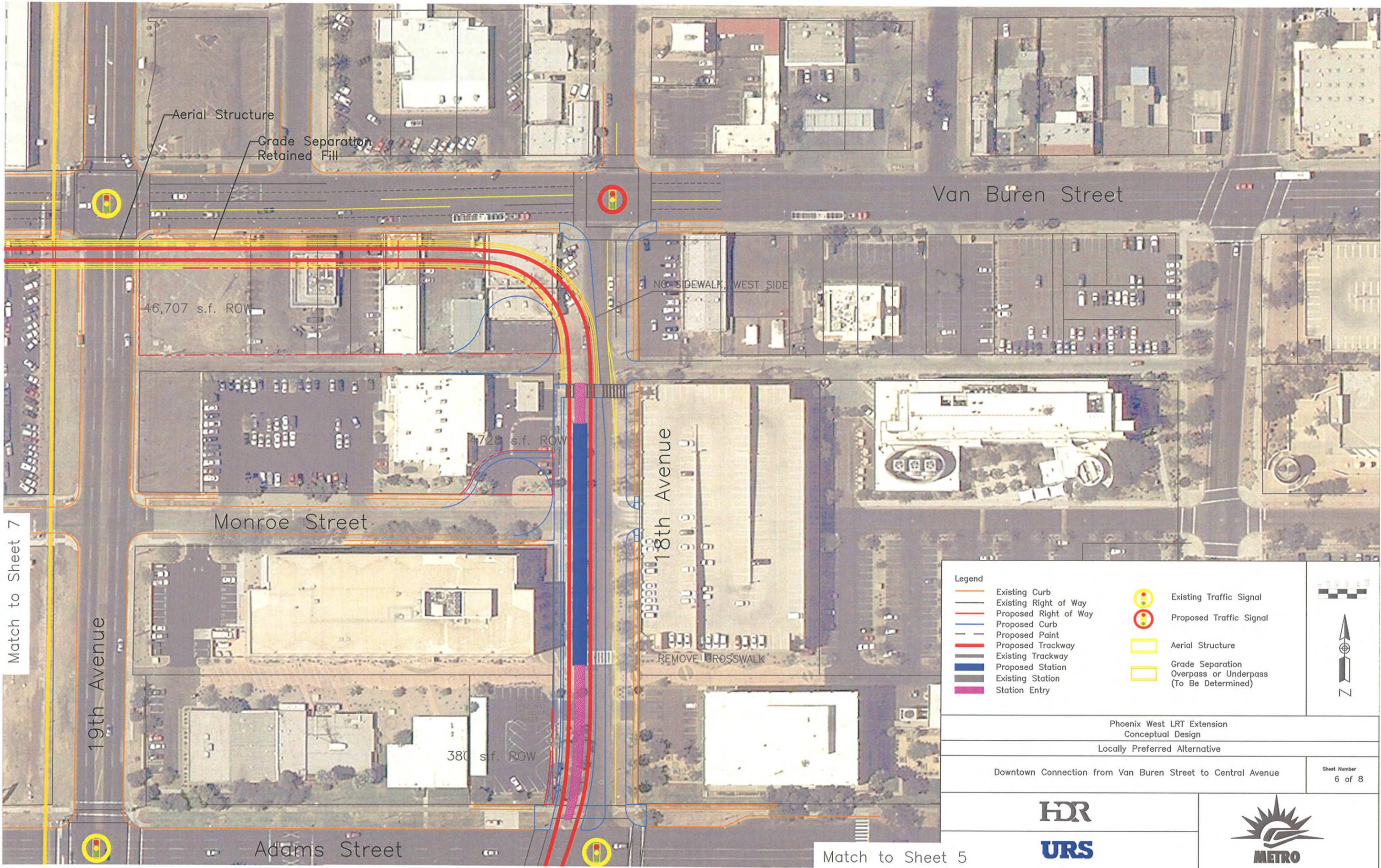
Phoenix West LRT Extension
Conceptual Design
Locally Preferred Alternative

Downtown Connection from Van Buren Street to Central Avenue

Sheet Number
5 of 8



Match to Sheet 4



Match to Sheet 7

Match to Sheet 5

Legend	
	Existing Curb
	Existing Right of Way
	Proposed Right of Way
	Proposed Curb
	Proposed Paint
	Proposed Trackway
	Existing Trackway
	Proposed Station
	Existing Station
	Station Entry
	Existing Traffic Signal
	Proposed Traffic Signal
	Aerial Structure
	Grade Separation Overpass or Underpass (To Be Determined)

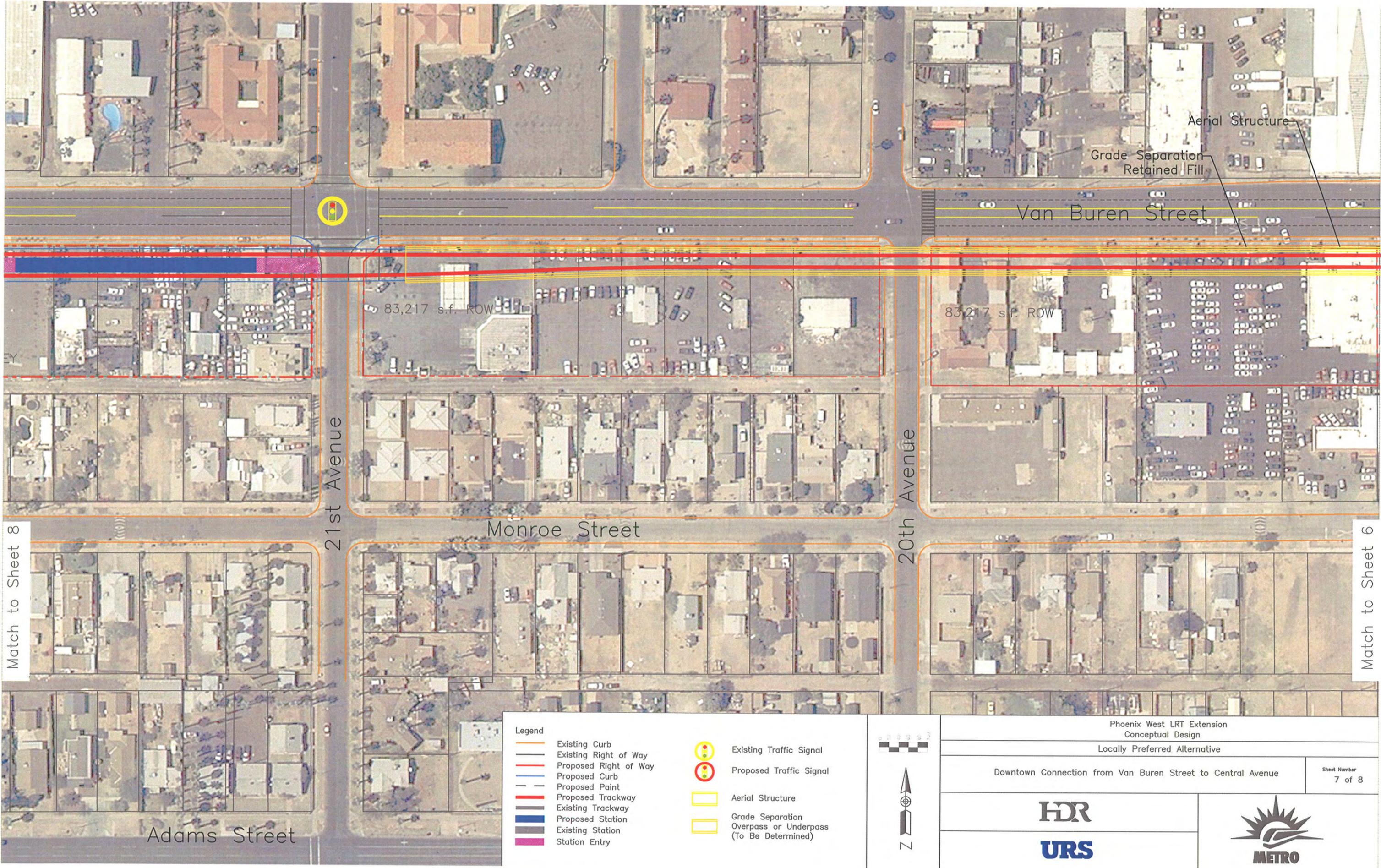


Phoenix West LRT Extension
Conceptual Design
Locally Preferred Alternative

Downtown Connection from Van Buren Street to Central Avenue

Sheet Number
6 of 8





Aerial Structure

Grade Separation
Retained Fill

Van Buren Street

83,217 s.f. ROW

83,217 s.f. ROW

21st Avenue

Monroe Street

20th Avenue

Match to Sheet 8

Match to Sheet 6

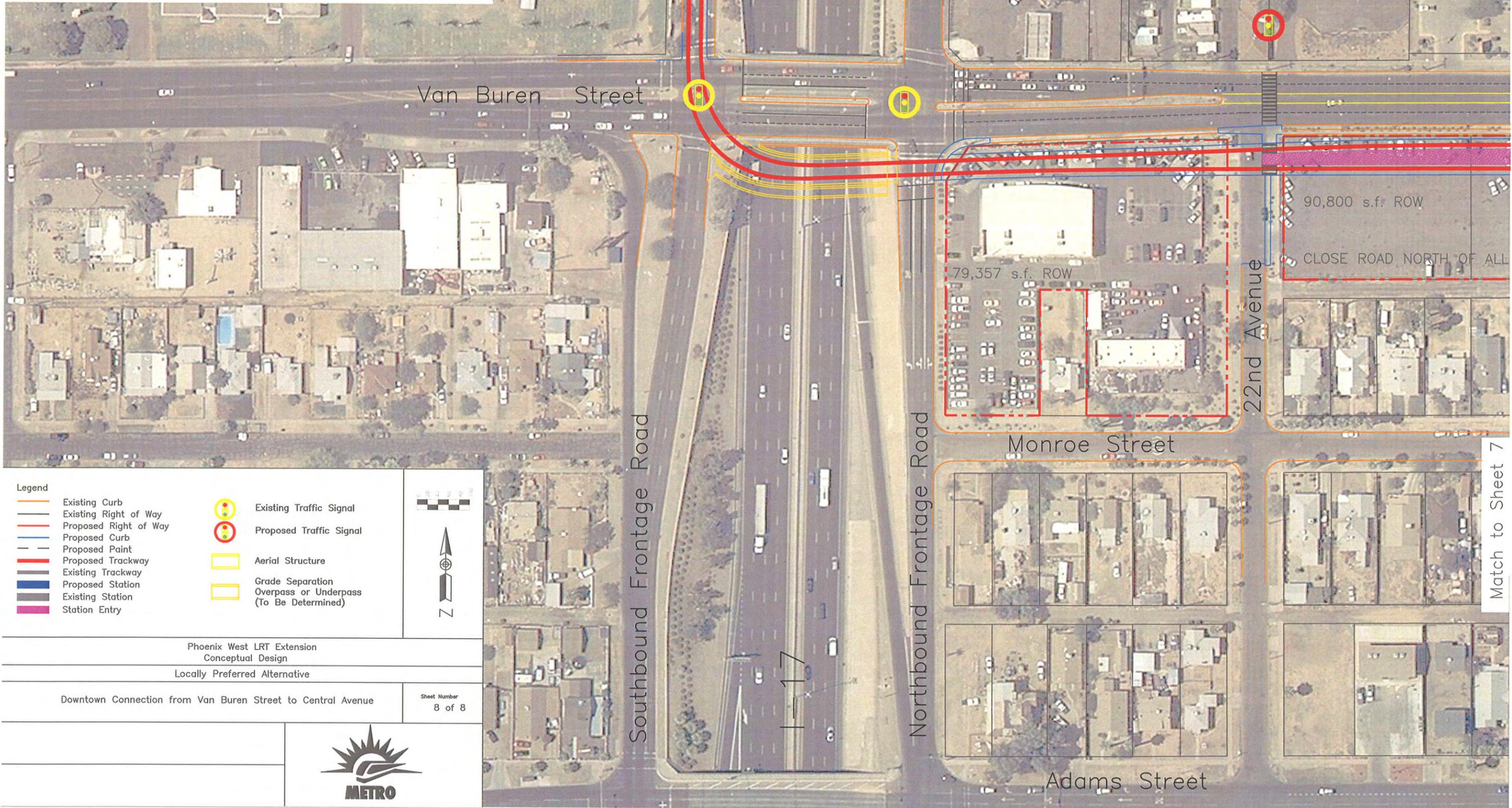
Adams Street

- Legend**
- Existing Curb
 - Existing Right of Way
 - Proposed Right of Way
 - Proposed Curb
 - Proposed Paint
 - Proposed Trackway
 - Existing Trackway
 - Proposed Station
 - Existing Station
 - Station Entry
 - Existing Traffic Signal
 - Proposed Traffic Signal
 - Aerial Structure
 - Grade Separation Overpass or Underpass (To Be Determined)



Phoenix West LRT Extension Conceptual Design	
Locally Preferred Alternative	
Downtown Connection from Van Buren Street to Central Avenue	Sheet Number 7 of 8

See Sheet 1
 Phoenix West LRT Extension
 Conceptual Design
 Locally Preferred Alternative
 LRT Alignment in I-17 Abandoned Frontage Road



- Legend**
- Existing Curb
 - Existing Right of Way
 - Proposed Right of Way
 - Proposed Curb
 - Proposed Paint
 - Proposed Trackway
 - Existing Trackway
 - Proposed Station
 - Existing Station
 - Station Entry
 - Existing Traffic Signal
 - Proposed Traffic Signal
 - Aerial Structure
 - Grade Separation Overpass or Underpass (To Be Determined)



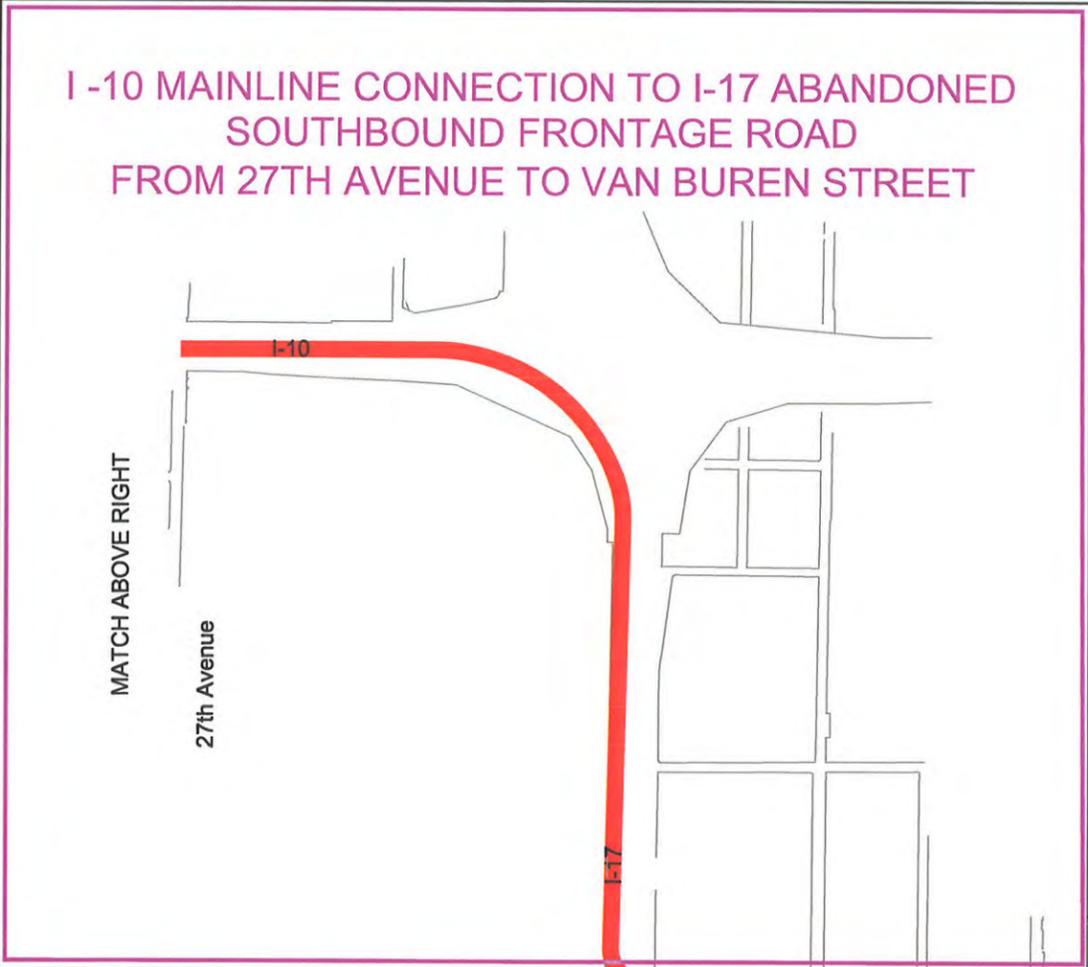
Phoenix West LRT Extension
 Conceptual Design
 Locally Preferred Alternative

Downtown Connection from Van Buren Street to Central Avenue

Sheet Number
 8 of 8



Match to Sheet 7

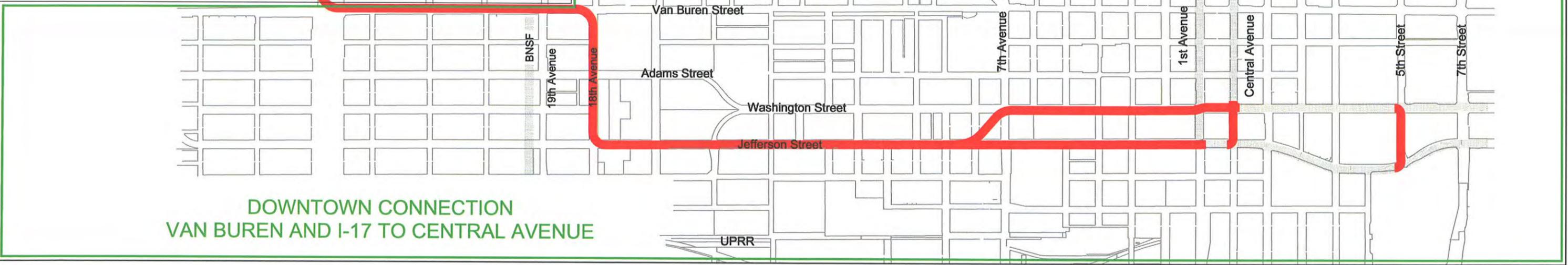


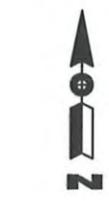
LEGEND

- I - 10 MAINLINE
- I - 17 FRONTAGE ROAD
- DOWNTOWN CONNECTION
- PROPOSED LIGHT RAIL
- EXISTING LIGHT RAIL

**Valley Metro Rail
Phoenix West LRT Extension
Conceptual Design
Interim Locally Preferred Alternative**

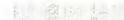
0 1/2 Mile 1 Mile





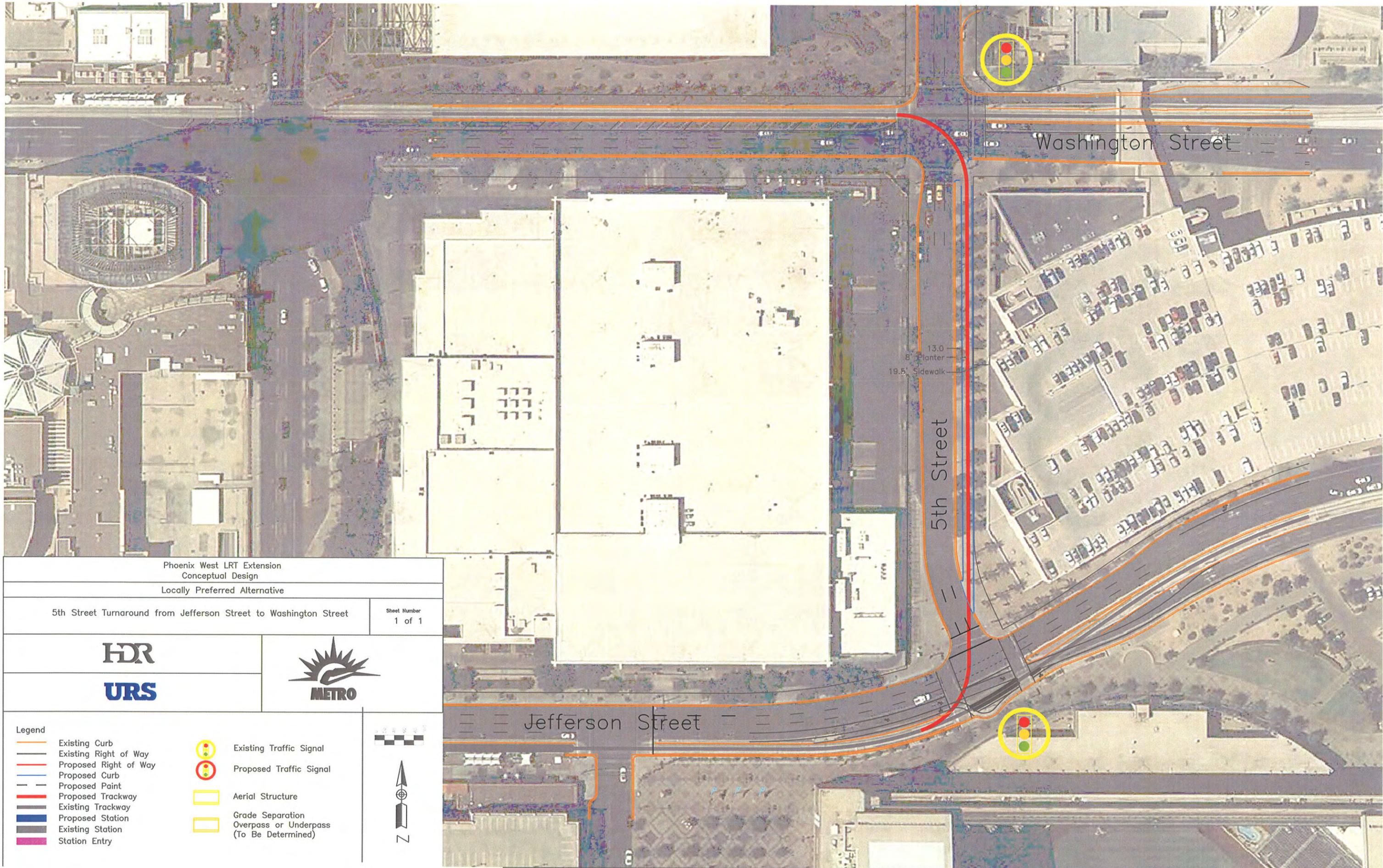
Valley Metro Rail
Phoenix West LRT Extension
Conceptual Design
Interim Locally Preferred Alternative

LEGEND

-  I - 10 MAINLINE
-  I - 17 FRONTAGE ROAD
-  DOWNTOWN CONNECTION
-  PROPOSED LIGHT RAIL
-  EXISTING LIGHT RAIL



DOWNTOWN CONNECTION
VAN BUREN AND I-17 TO CENTRAL AVENUE



Phoenix West LRT Extension
Conceptual Design

Locally Preferred Alternative

5th Street Turnaround from Jefferson Street to Washington Street

Sheet Number
1 of 1

HDR

URS



Legend

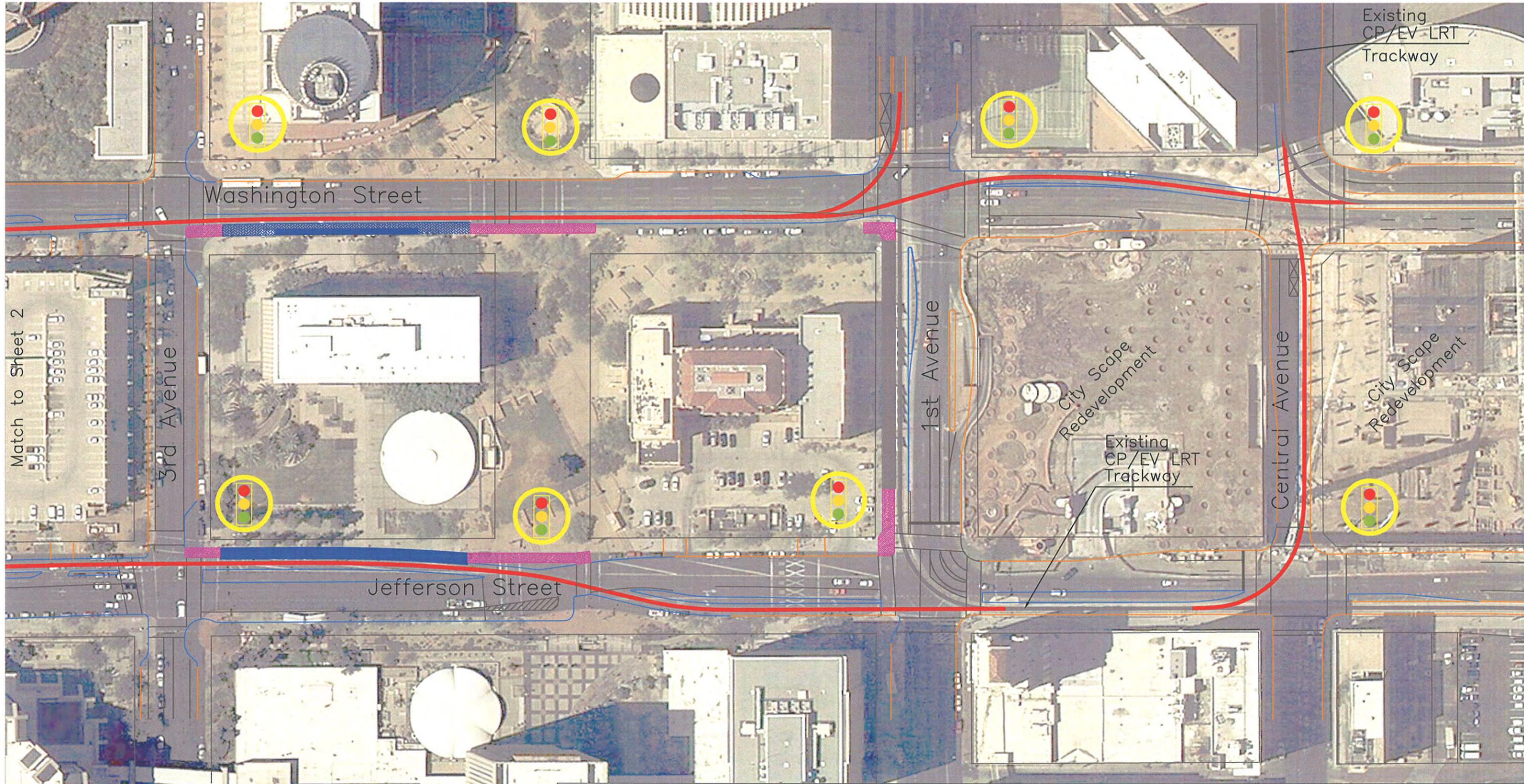
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- Existing Right of Way
- Proposed Right of Way
- Proposed Curb
- Proposed Point
- Proposed Trackway
- Existing Trackway
- Proposed Station
- Existing Station
- Station Entry
- Existing Traffic Signal
- Proposed Traffic Signal
- Aerial Structure
- Grade Separation
Overpass or Underpass
(To Be Determined)



13.0
Planter
19.5
Sidewalk
5th Street

Washington Street

Jefferson Street



Match to Sheet 2

Washington Street

3rd Avenue

1st Avenue

Central Avenue

Jefferson Street

City Scope Redevelopment

City Scope Redevelopment

Existing CP/EV LRT Trackway

Legend

-  Existing Curb
-  Existing Right of Way
-  Proposed Right of Way
-  Proposed Curb
-  Proposed Point
-  Proposed Trackway
-  Existing Trackway
-  Proposed Station
-  Existing Station
-  Station Entry
-  Existing Traffic Signal
-  Proposed Traffic Signal
-  Aerial Structure
-  Grade Separation Overpass or Underpass (To Be Determined)



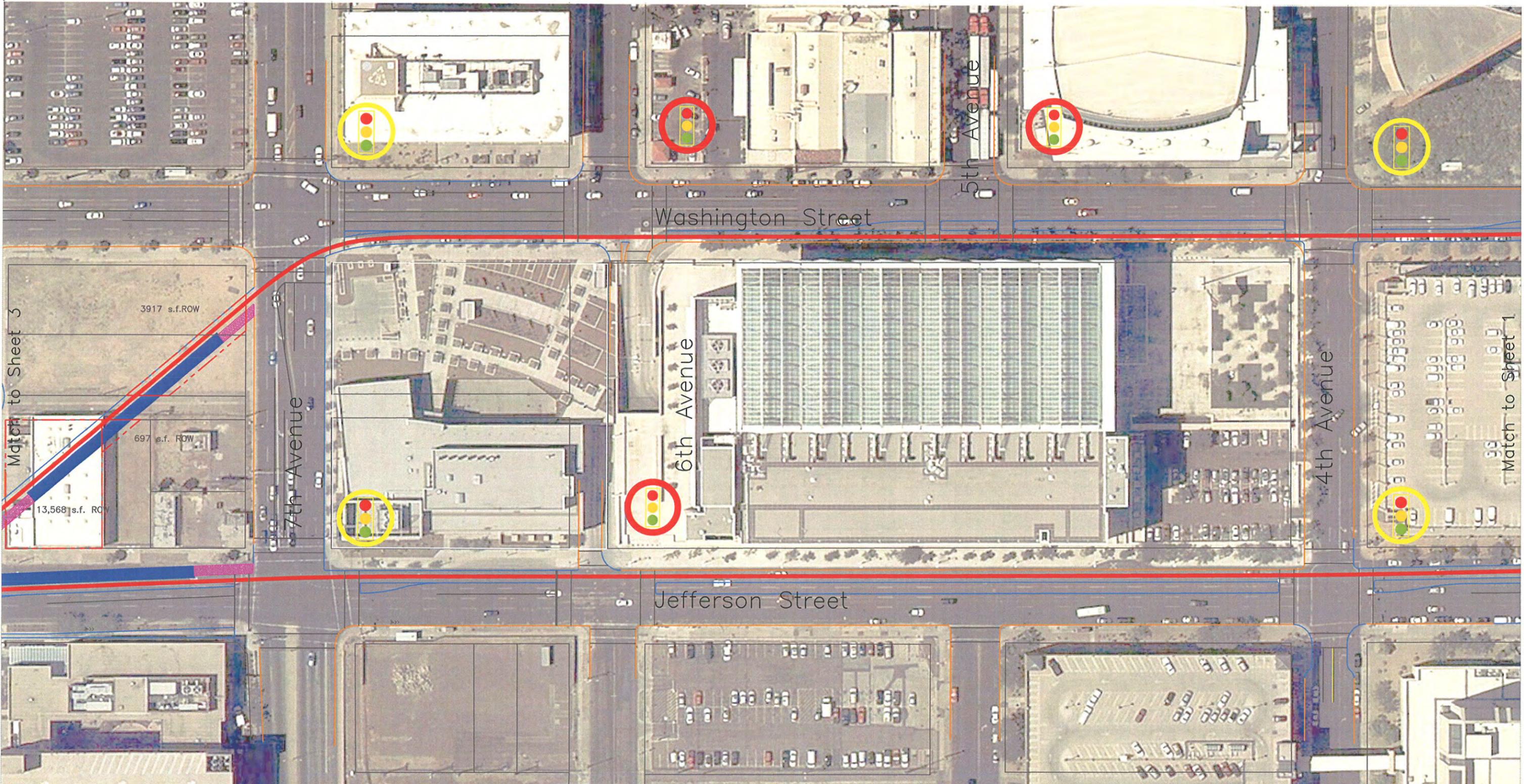
Phoenix West LRT Extension
Conceptual Design

Locally Preferred Alternative

Downtown Connection from Van Buren Street to Central Avenue

Sheet Number
1 of 8

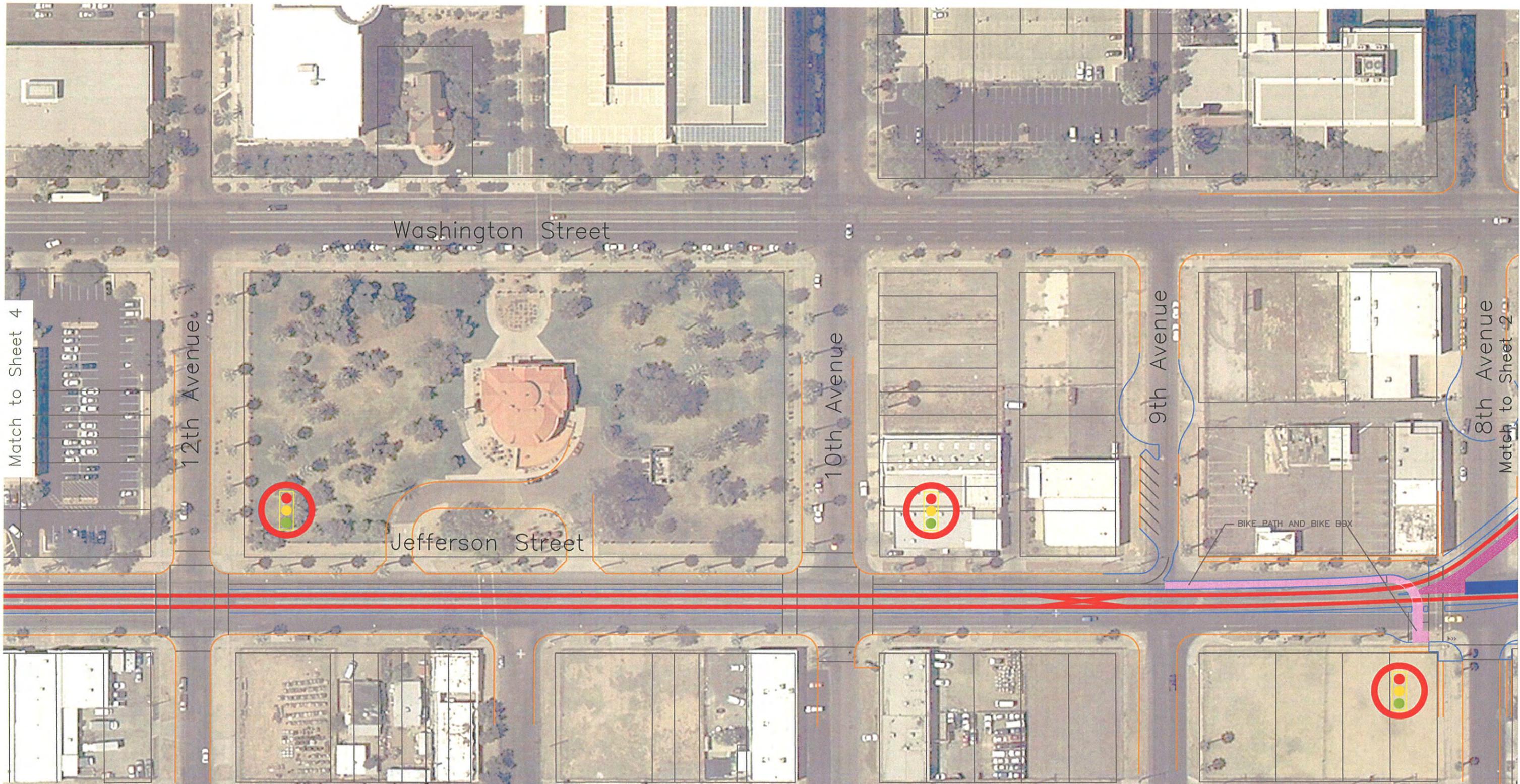




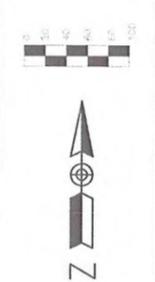
- Legend**
- Existing Curb
 - Existing Right of Way
 - Proposed Right of Way
 - Proposed Curb
 - Proposed Paint
 - Proposed Trackway
 - Proposed Station
 - Existing Station
 - Station Entry
 - Existing Traffic Signal
 - Proposed Traffic Signal
 - Aerial Structure
 - Grade Separation Overpass or Underpass (To Be Determined)



Phoenix West LRT Extension Conceptual Design	
Locally Preferred Alternative	
Downtown Connection from Van Buren Street to Central Avenue	Sheet Number 2 of 8



- Legend**
-  Existing Curb
 -  Existing Right of Way
 -  Proposed Right of Way
 -  Proposed Curb
 -  Proposed Paint
 -  Proposed Trackway
 -  Existing Trackway
 -  Proposed Station
 -  Existing Station
 -  Station Entry
 -  Existing Traffic Signal
 -  Proposed Traffic Signal
 -  Aerial Structure
 -  Grade Separation Overpass or Underpass (To Be Determined)



Phoenix West LRT Extension Conceptual Design	
Locally Preferred Alternative	
Downtown Connection from Van Buren Street to Central Avenue	Sheet Number 3 of 8
 	

HDR

URS



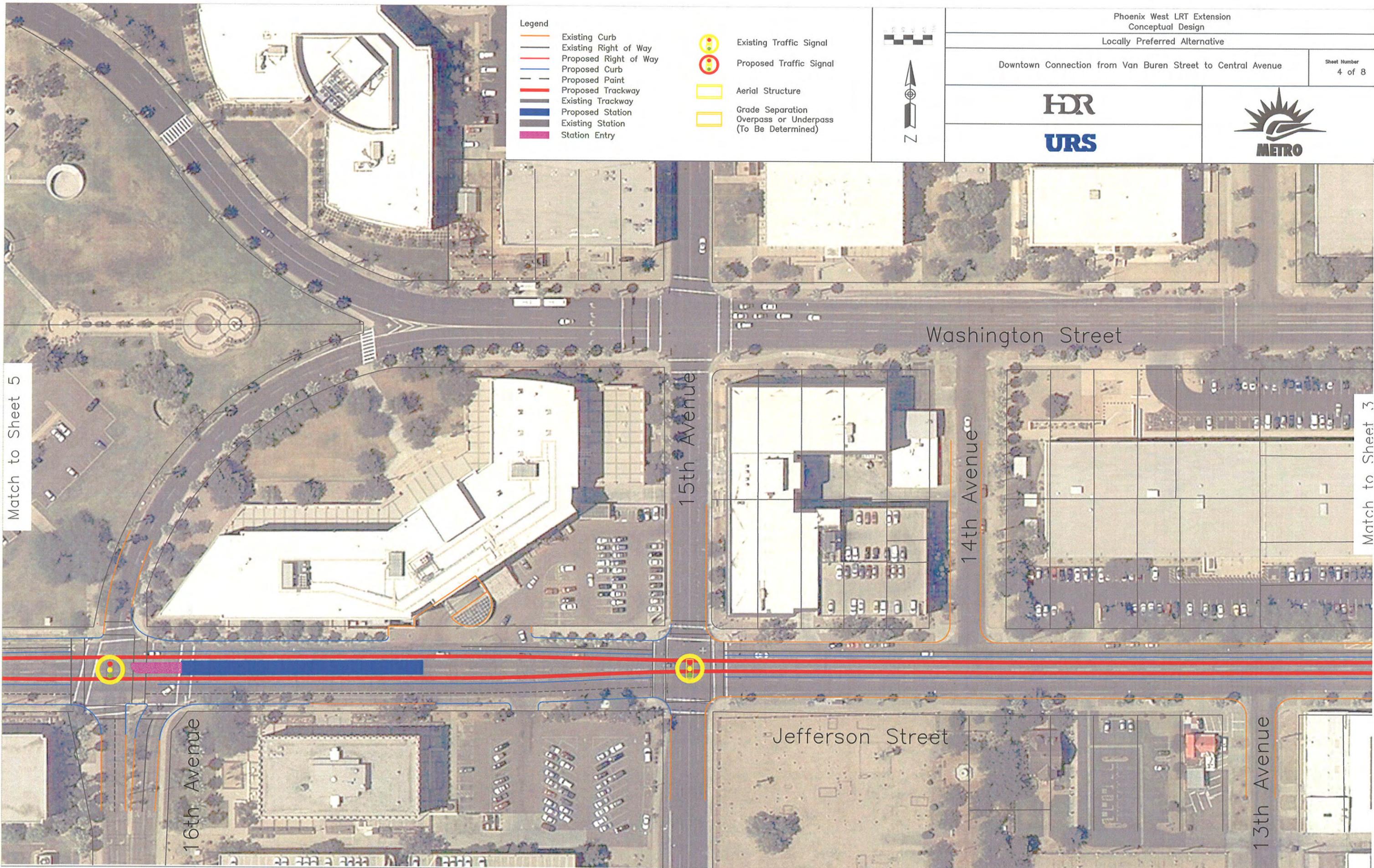
Legend

- Existing Curb
- Existing Right of Way
- Proposed Right of Way
- Proposed Curb
- Proposed Paint
- Proposed Trackway
- Existing Trackway
- Proposed Station
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- Existing Traffic Signal
- Proposed Traffic Signal
- Aerial Structure
- Grade Separation Overpass or Underpass (To Be Determined)

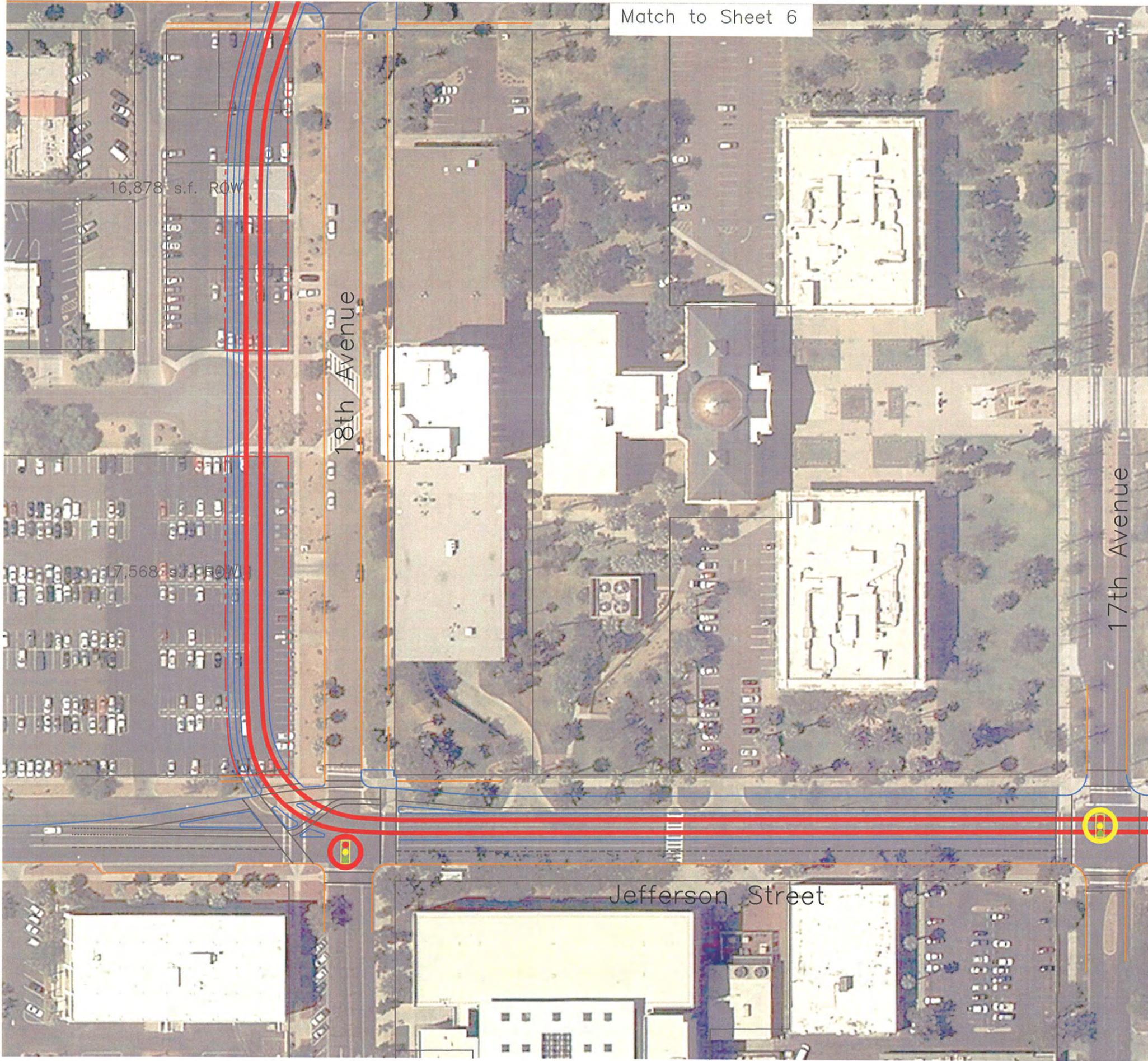


Match to Sheet 5

Match to Sheet 3



Match to Sheet 6



Legend

- Existing Curb
- Existing Right of Way
- Proposed Right of Way
- Proposed Curb
- - Proposed Paint
- Proposed Trackway
- Existing Trackway
- Proposed Station
- Existing Station
- Station Entry
- Existing Traffic Signal
- Proposed Traffic Signal
- Aerial Structure
- Grade Separation Overpass or Underpass (To Be Determined)

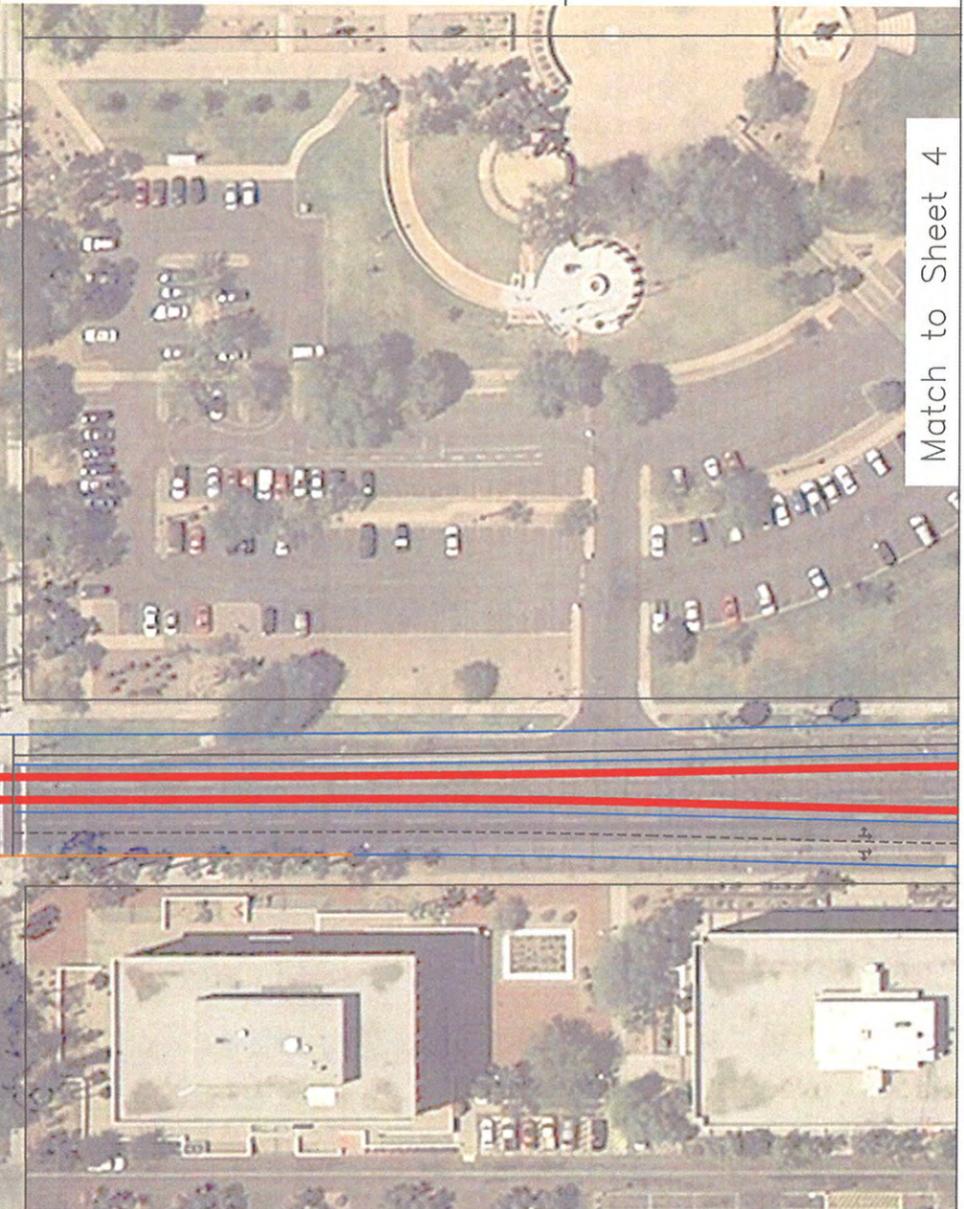


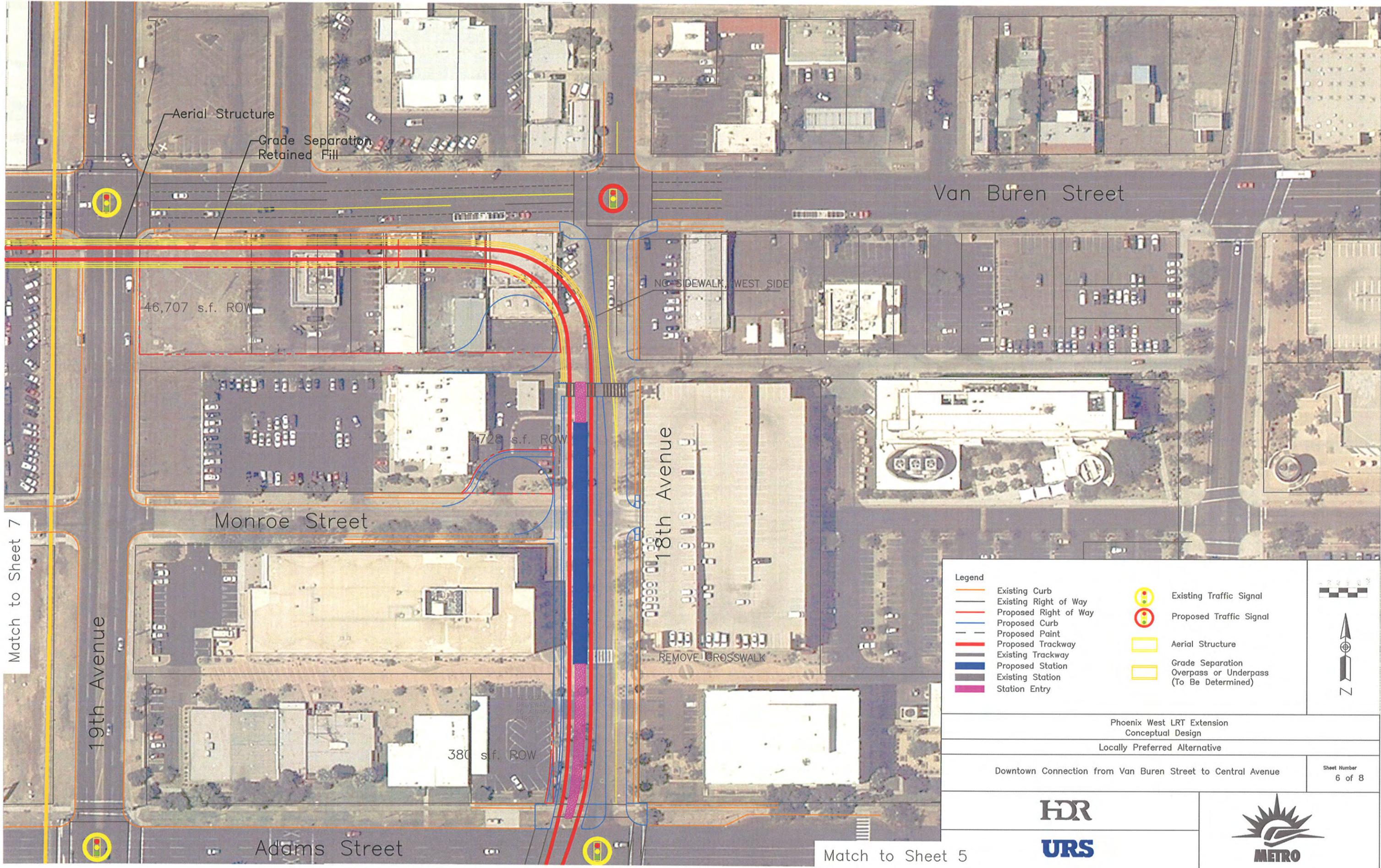
Phoenix West LRT Extension
Conceptual Design

Locally Preferred Alternative

Downtown Connection from Van Buren Street to Central Avenue

Sheet Number
5 of 8





Legend	
	Existing Curb
	Existing Right of Way
	Proposed Right of Way
	Proposed Curb
	Proposed Paint
	Proposed Trackway
	Existing Trackway
	Proposed Station
	Existing Station
	Station Entry
	Existing Traffic Signal
	Proposed Traffic Signal
	Aerial Structure
	Grade Separation Overpass or Underpass (To Be Determined)



Phoenix West LRT Extension
Conceptual Design

Locally Preferred Alternative

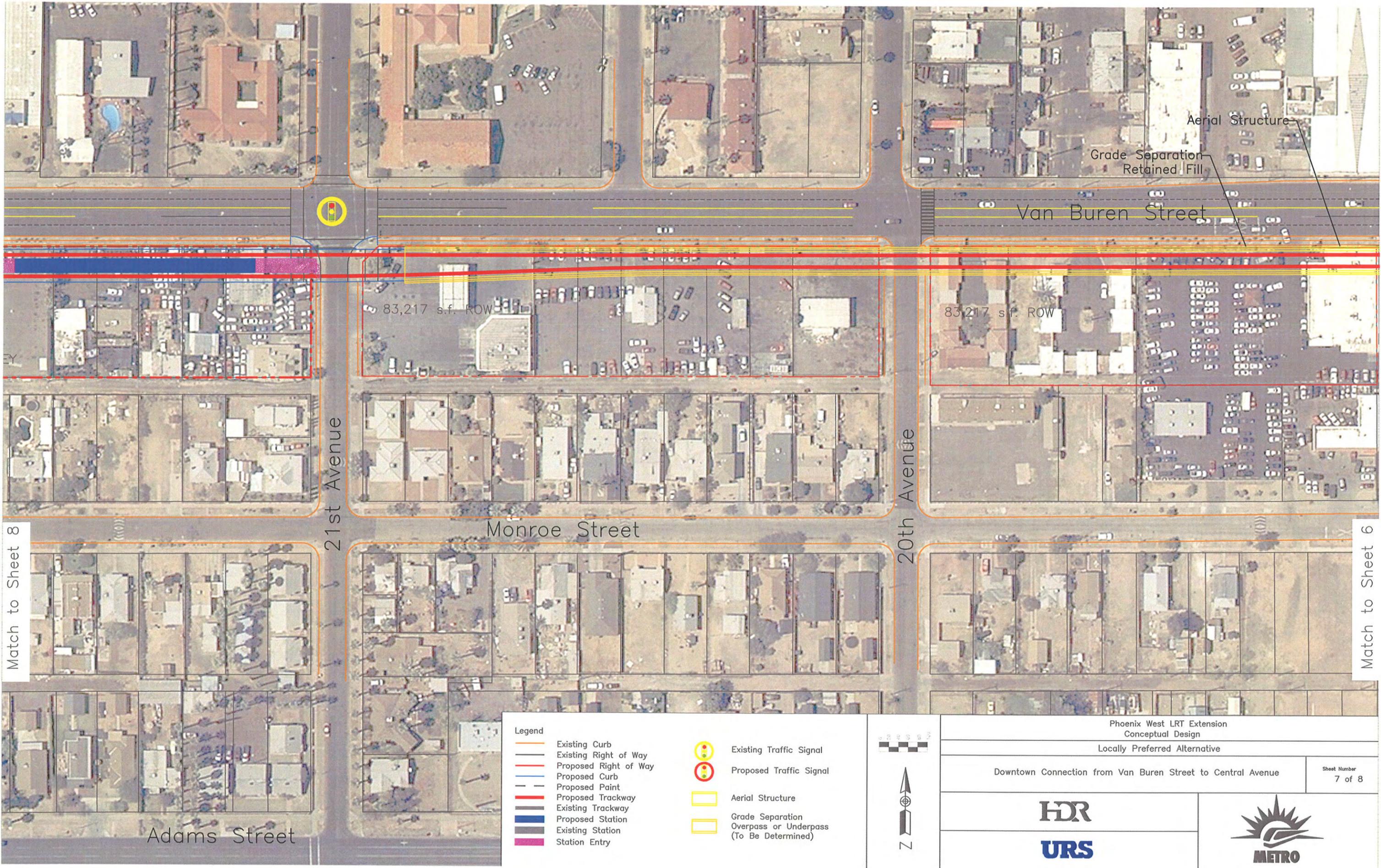
Downtown Connection from Van Buren Street to Central Avenue

Sheet Number
6 of 8



Match to Sheet 7

Match to Sheet 5

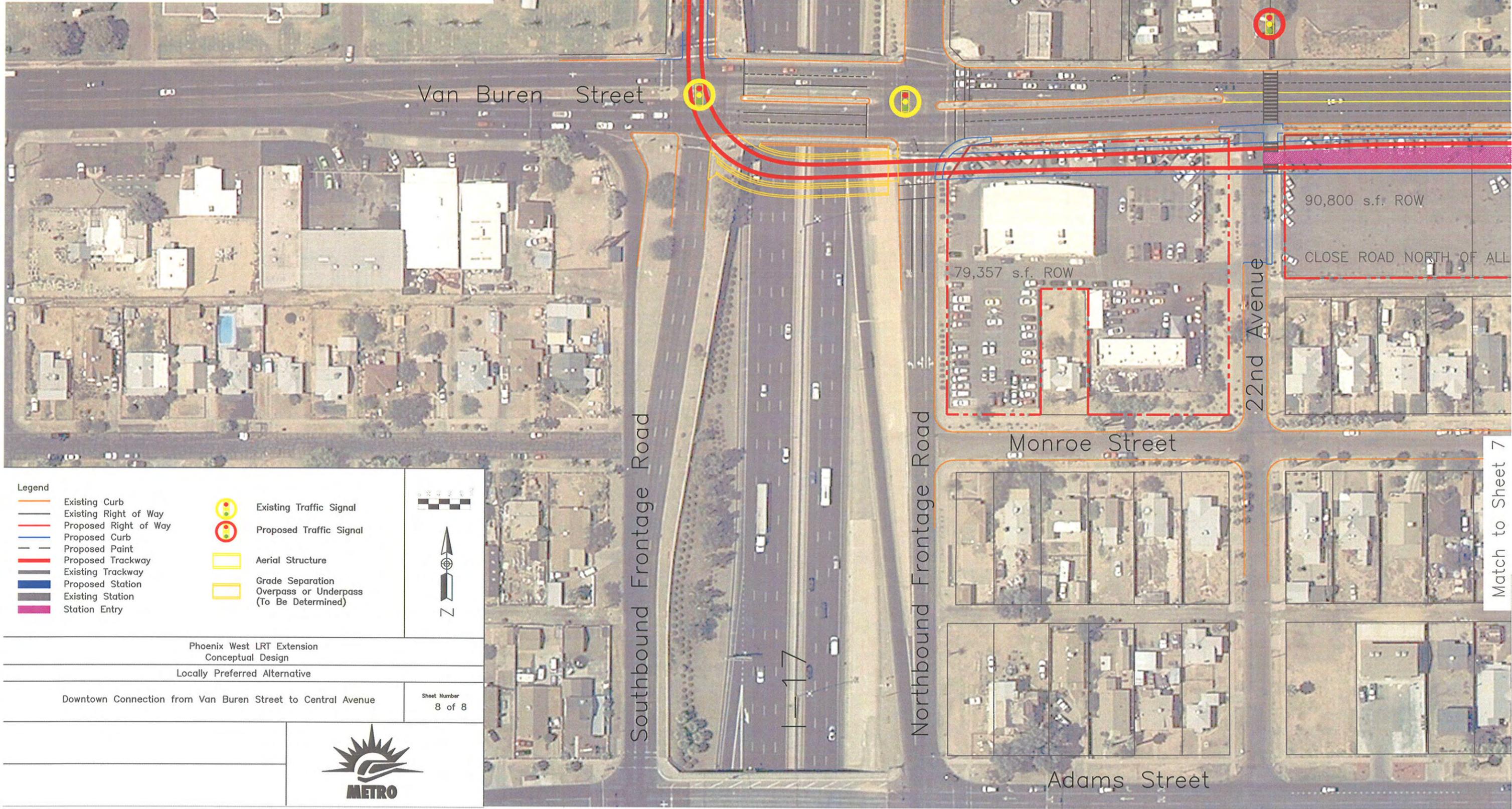


- Legend**
- Existing Curb
 - Existing Right of Way
 - Proposed Right of Way
 - Proposed Curb
 - Proposed Paint
 - Proposed Trackway
 - Existing Trackway
 - Proposed Station
 - Existing Station
 - Station Entry
 - Existing Traffic Signal
 - Proposed Traffic Signal
 - Aerial Structure
 - Grade Separation Overpass or Underpass (To Be Determined)



Phoenix West LRT Extension Conceptual Design	
Locally Preferred Alternative	
Downtown Connection from Van Buren Street to Central Avenue	Sheet Number 7 of 8

See Sheet 1
 Phoenix West LRT Extension
 Conceptual Design
 Locally Preferred Alternative
 LRT Alignment in I-17 Abandoned Frontage Road



- Legend**
- Existing Curb
 - Existing Right of Way
 - Proposed Right of Way
 - Proposed Curb
 - Proposed Paint
 - Proposed Trackway
 - Existing Trackway
 - Proposed Station
 - Existing Station
 - Station Entry
 - Existing Traffic Signal
 - Proposed Traffic Signal
 - Aerial Structure
 - Grade Separation Overpass or Underpass (To Be Determined)



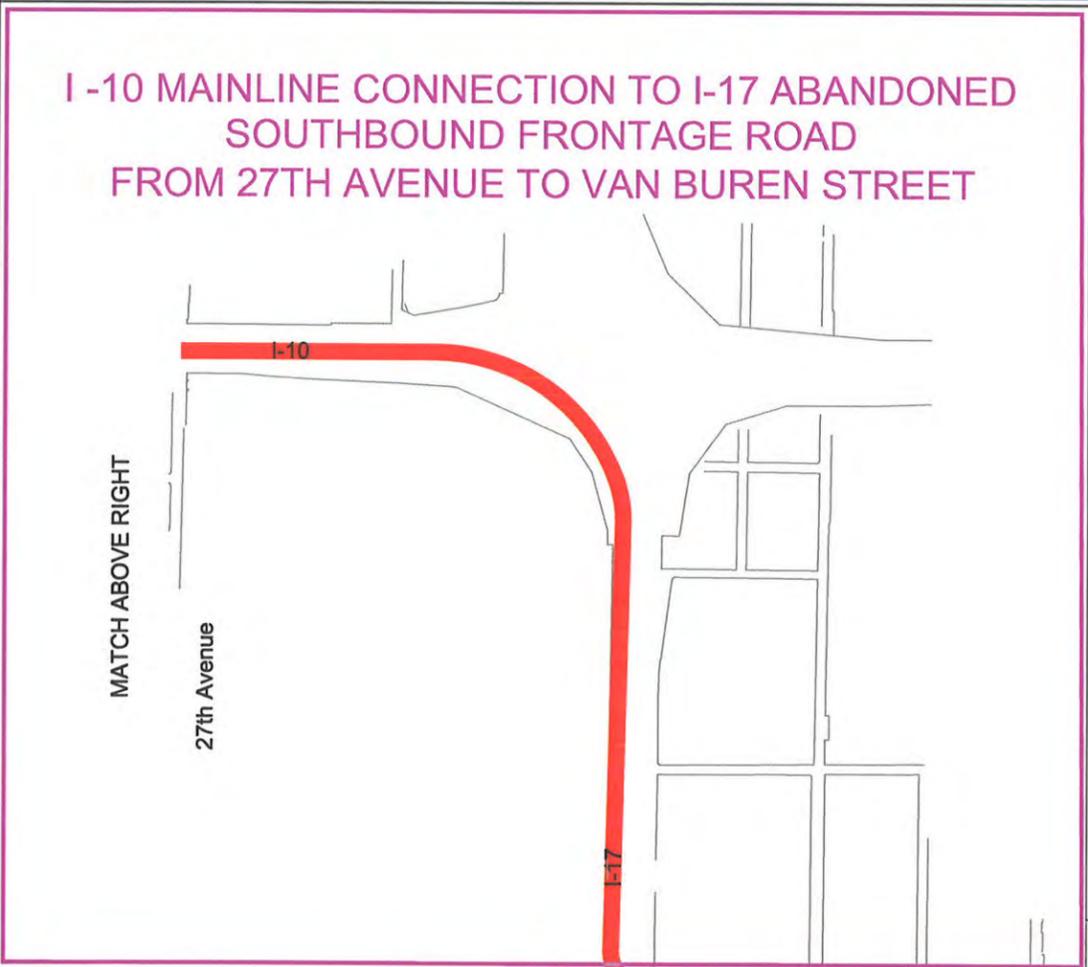
Phoenix West LRT Extension
 Conceptual Design
 Locally Preferred Alternative

Downtown Connection from Van Buren Street to Central Avenue

Sheet Number
 8 of 8



Match to Sheet 7

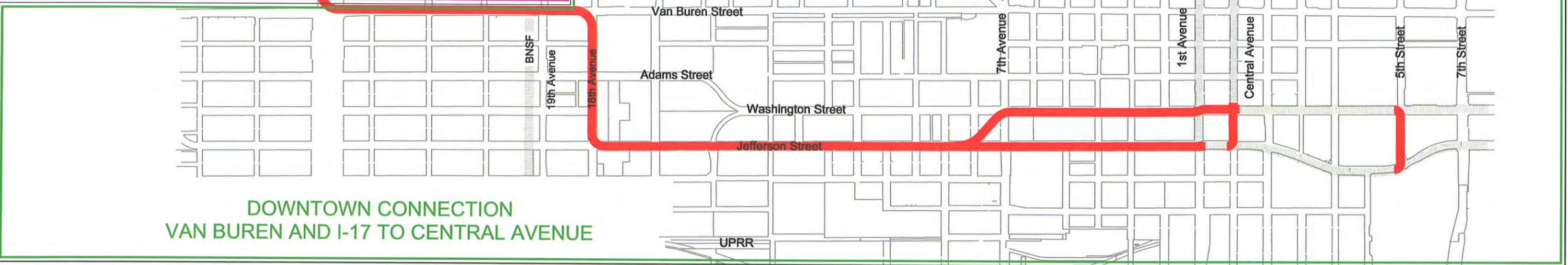


LEGEND

- I - 10 MAINLINE
- I - 17 FRONTAGE ROAD
- DOWNTOWN CONNECTION
- PROPOSED LIGHT RAIL
- EXISTING LIGHT RAIL

**Valley Metro Rail
Phoenix West LRT Extension
Conceptual Design
Interim Locally Preferred Alternative**

0 1/2 Mile 1 Mile

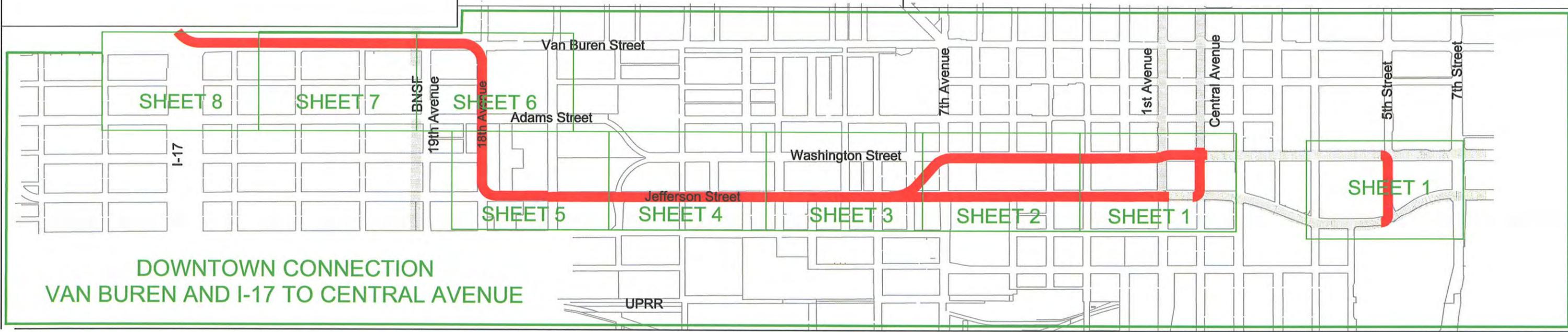


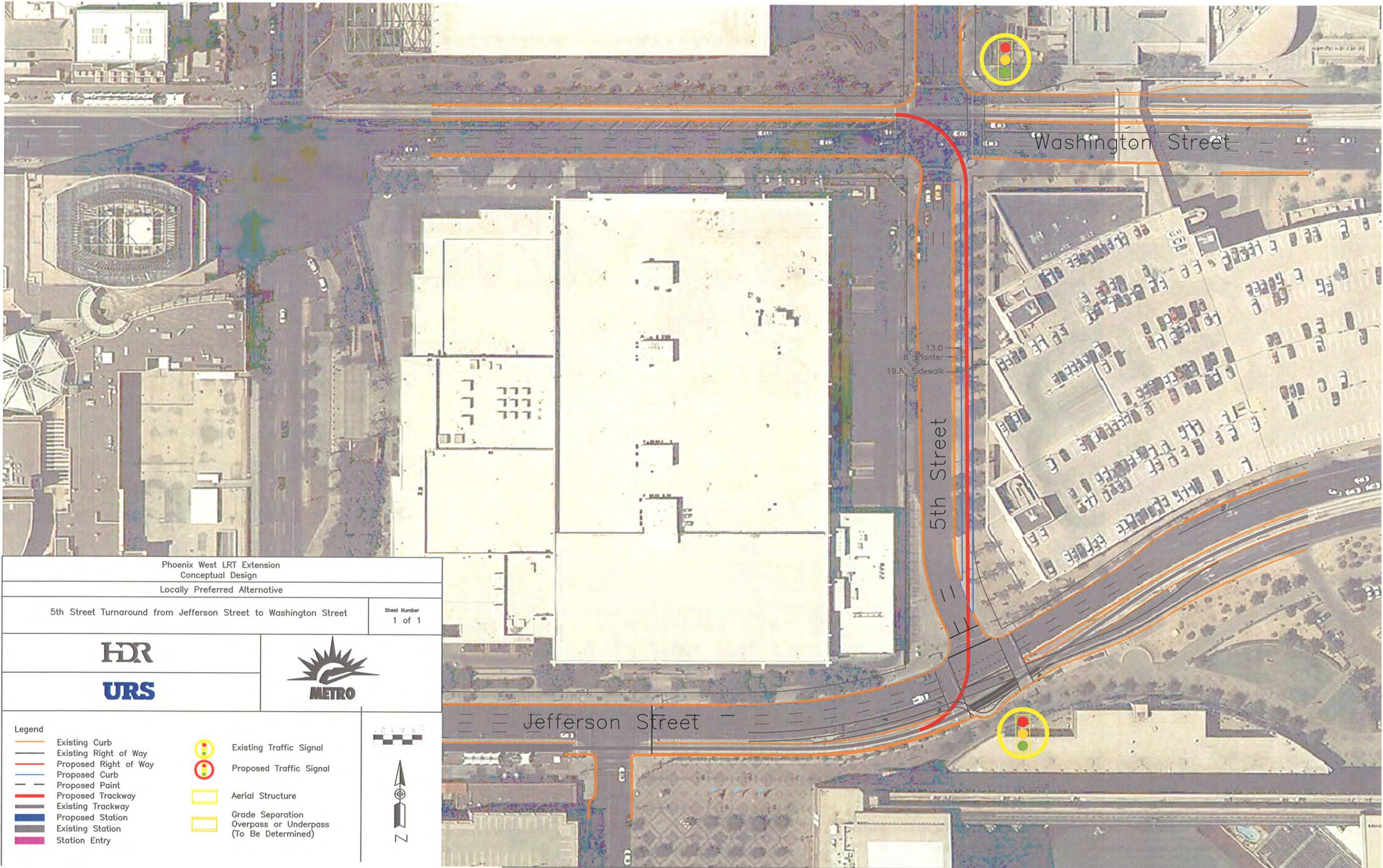


Valley Metro Rail
Phoenix West LRT Extension
Conceptual Design
Interim Locally Preferred Alternative

LEGEND

-  I - 10 MAINLINE
-  I - 17 FRONTAGE ROAD
-  DOWNTOWN CONNECTION
-  PROPOSED LIGHT RAIL
-  EXISTING LIGHT RAIL





Phoenix West LRT Extension
Conceptual Design

Locally Preferred Alternative

5th Street Turnaround from Jefferson Street to Washington Street

Sheet Number
1 of 1

HDR

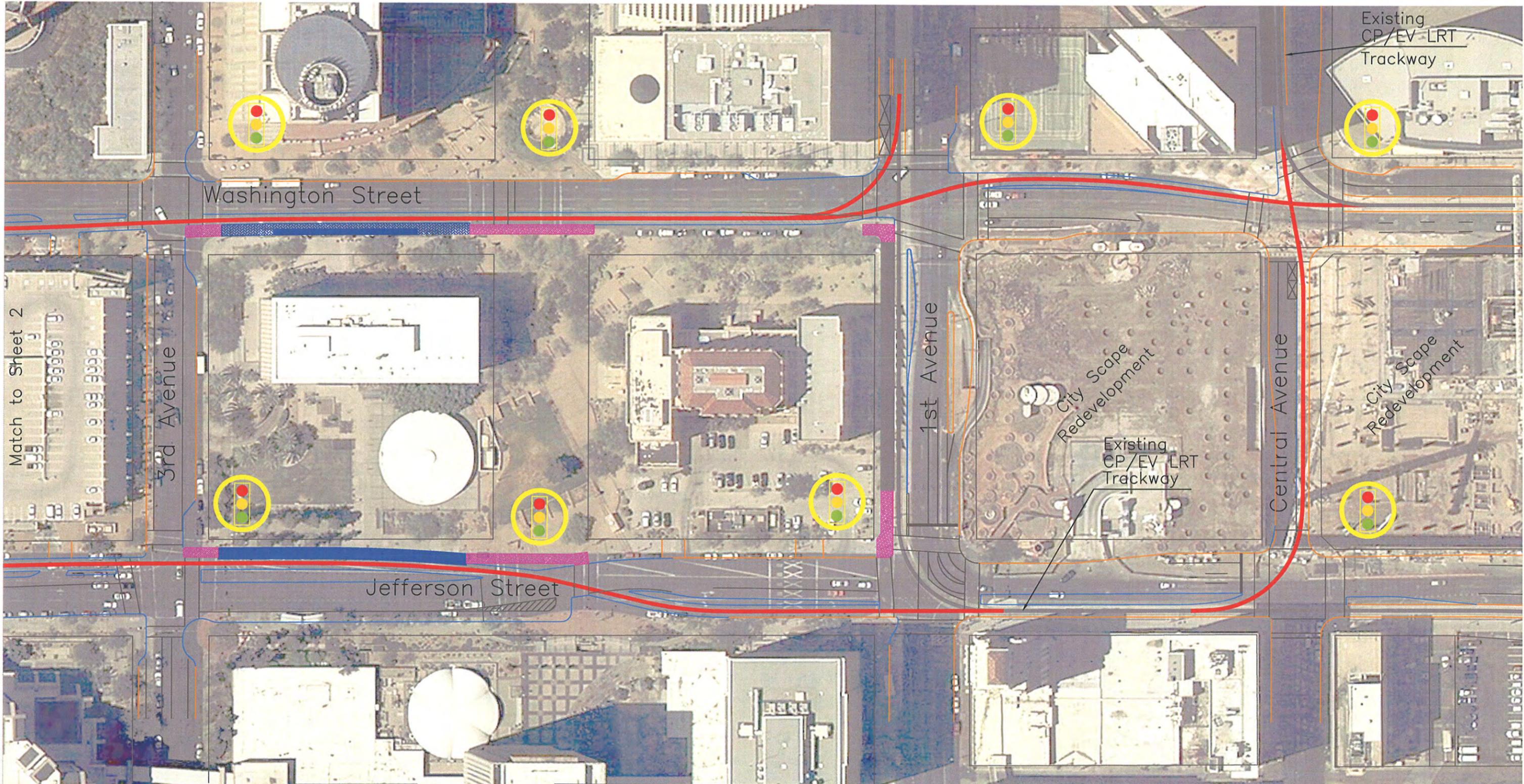
URS



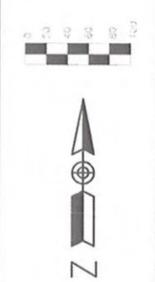
Legend

- Existing Curb
- Existing Right of Way
- Proposed Right of Way
- Proposed Curb
- Proposed Point
- Proposed Trackway
- Existing Trackway
- Proposed Station
- Existing Station
- Station Entry
- Existing Traffic Signal
- Proposed Traffic Signal
- Aerial Structure
- Grade Separation Overpass or Underpass (To Be Determined)

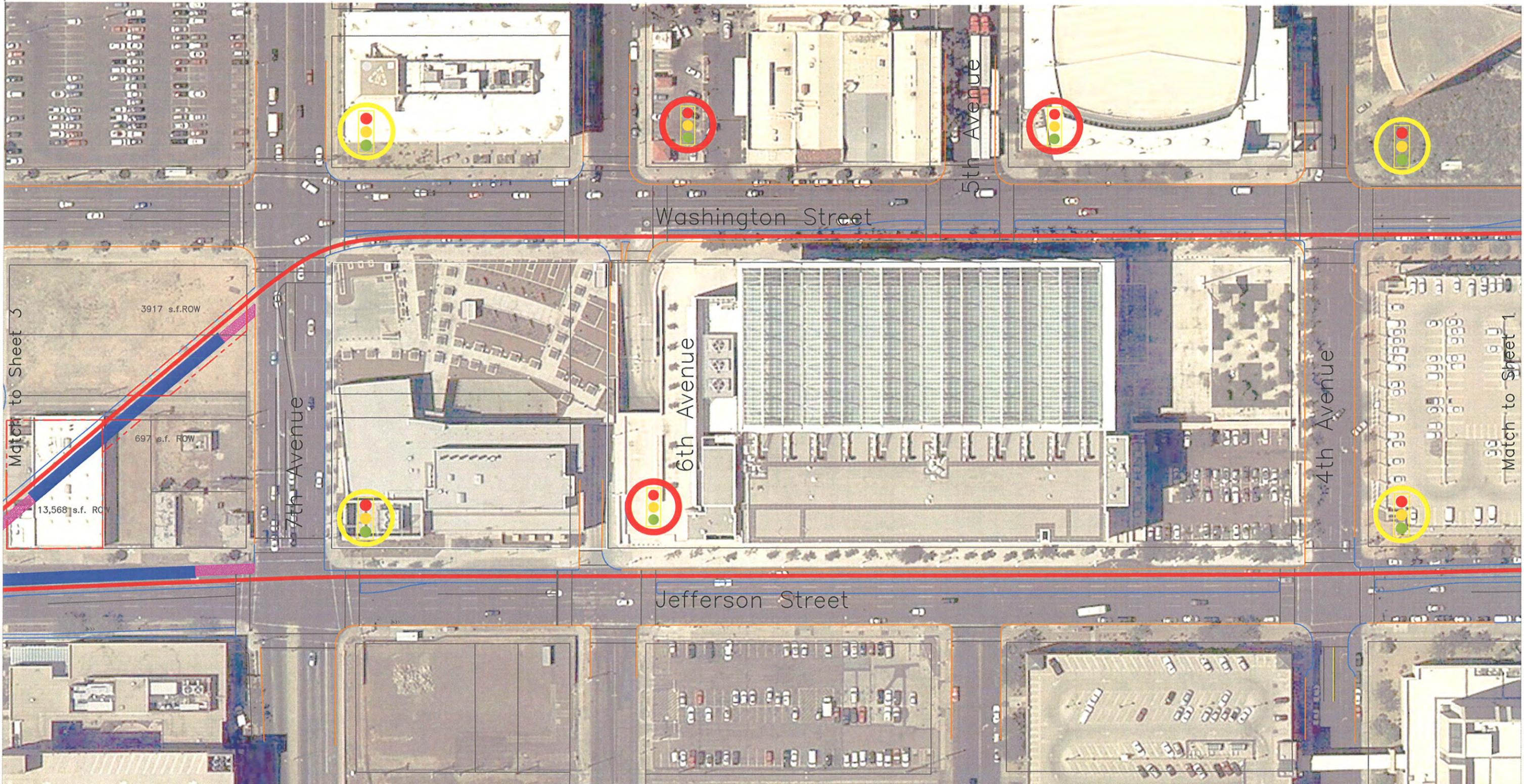




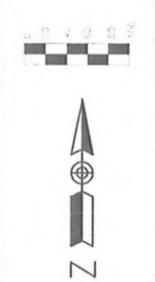
- Legend**
- Existing Curb
 - Existing Right of Way
 - Proposed Right of Way
 - Proposed Curb
 - Proposed Paint
 - Proposed Trackway
 - Existing Trackway
 - Proposed Station
 - Existing Station
 - Station Entry
- ⬆️⬇️⬆️ Existing Traffic Signal
 - ⬆️⬇️⬆️ Proposed Traffic Signal
 - Aerial Structure
 - Grade Separation Overpass or Underpass (To Be Determined)



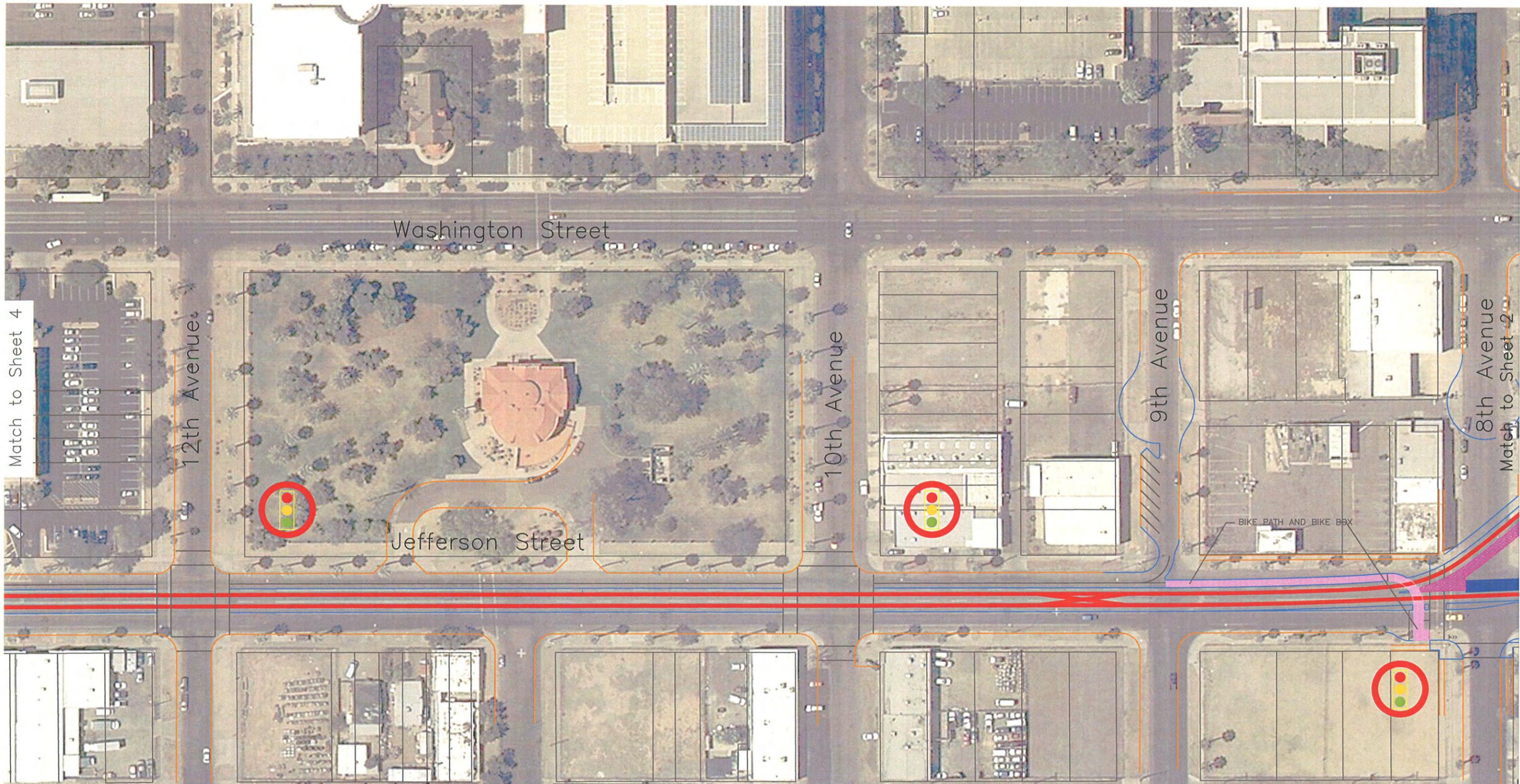
Phoenix West LRT Extension Conceptual Design	
Locally Preferred Alternative	
Downtown Connection from Van Buren Street to Central Avenue	Sheet Number 1 of 8



- Legend**
-  Existing Curb
 -  Existing Right of Way
 -  Proposed Right of Way
 -  Proposed Curb
 -  Proposed Paint
 -  Proposed Trackway
 -  Proposed Station
 -  Existing Station
 -  Station Entry
 -  Existing Traffic Signal
 -  Proposed Traffic Signal
 -  Aerial Structure
 -  Grade Separation Overpass or Underpass (To Be Determined)



Phoenix West LRT Extension Conceptual Design	
Locally Preferred Alternative	
Downtown Connection from Van Buren Street to Central Avenue	Sheet Number 2 of 8
 	



Match to Sheet 4

12th Avenue

Washington Street

Jefferson Street

10th Avenue

9th Avenue

8th Avenue
Match to Sheet 2

BIKE PATH AND BIKE BOX

Legend

-  Existing Curb
-  Existing Right of Way
-  Proposed Right of Way
-  Proposed Curb
-  Proposed Paint
-  Proposed Trackway
-  Existing Trackway
-  Proposed Station
-  Existing Station
-  Station Entry
-  Existing Traffic Signal
-  Proposed Traffic Signal
-  Aerial Structure
-  Grade Separation Overpass or Underpass (To Be Determined)



Phoenix West LRT Extension
Conceptual Design

Locally Preferred Alternative

Downtown Connection from Van Buren Street to Central Avenue

Sheet Number
3 of 8



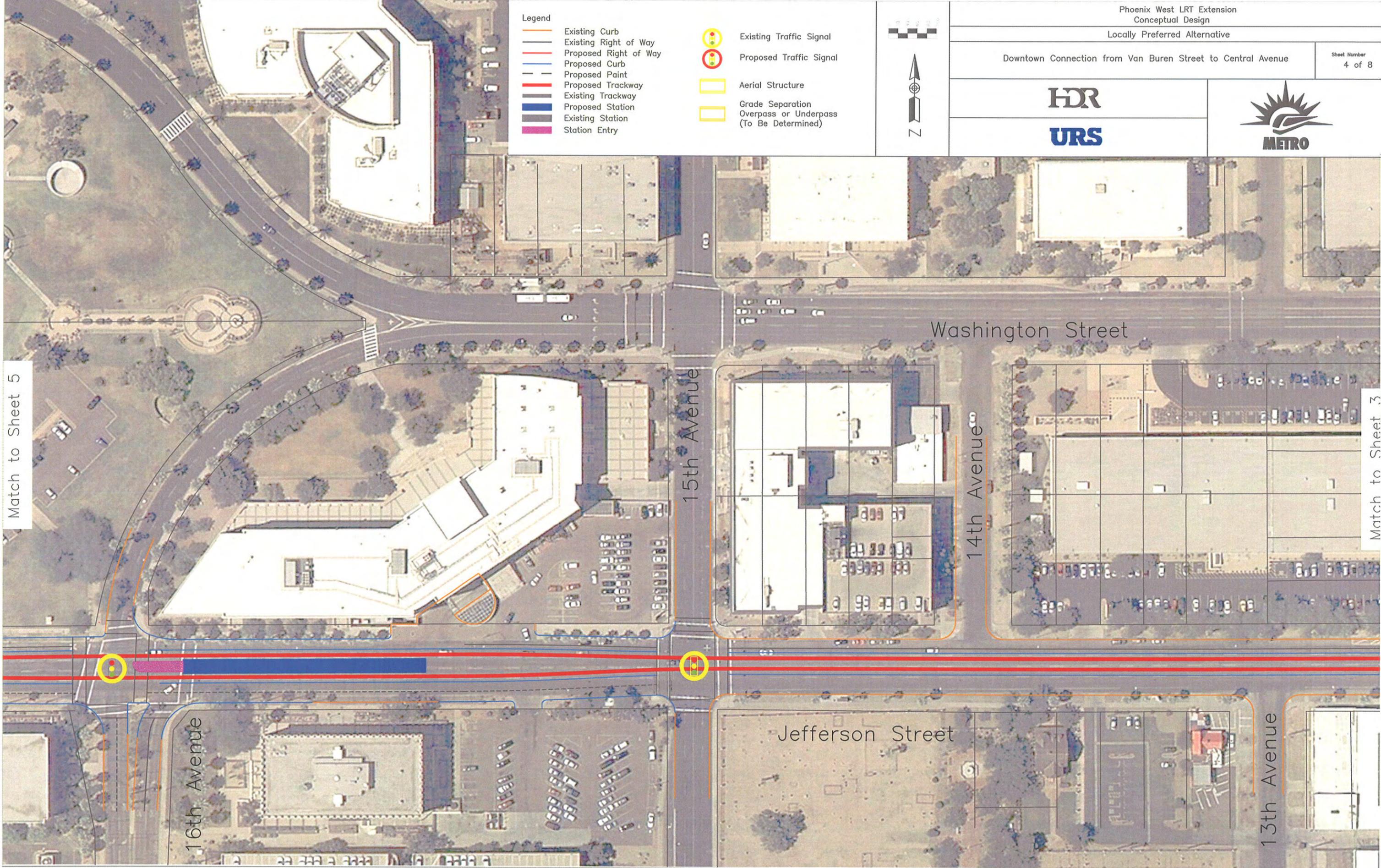
HDR

URS



Legend

- Existing Curb
- Existing Right of Way
- Proposed Right of Way
- Proposed Curb
- Proposed Paint
- Proposed Trackway
- Existing Trackway
- Proposed Station
- Existing Station
- Station Entry
- Existing Traffic Signal
- Proposed Traffic Signal
- Aerial Structure
- Grade Separation
Overpass or Underpass
(To Be Determined)



Match to Sheet 5

Match to Sheet 3

16th Avenue

15th Avenue

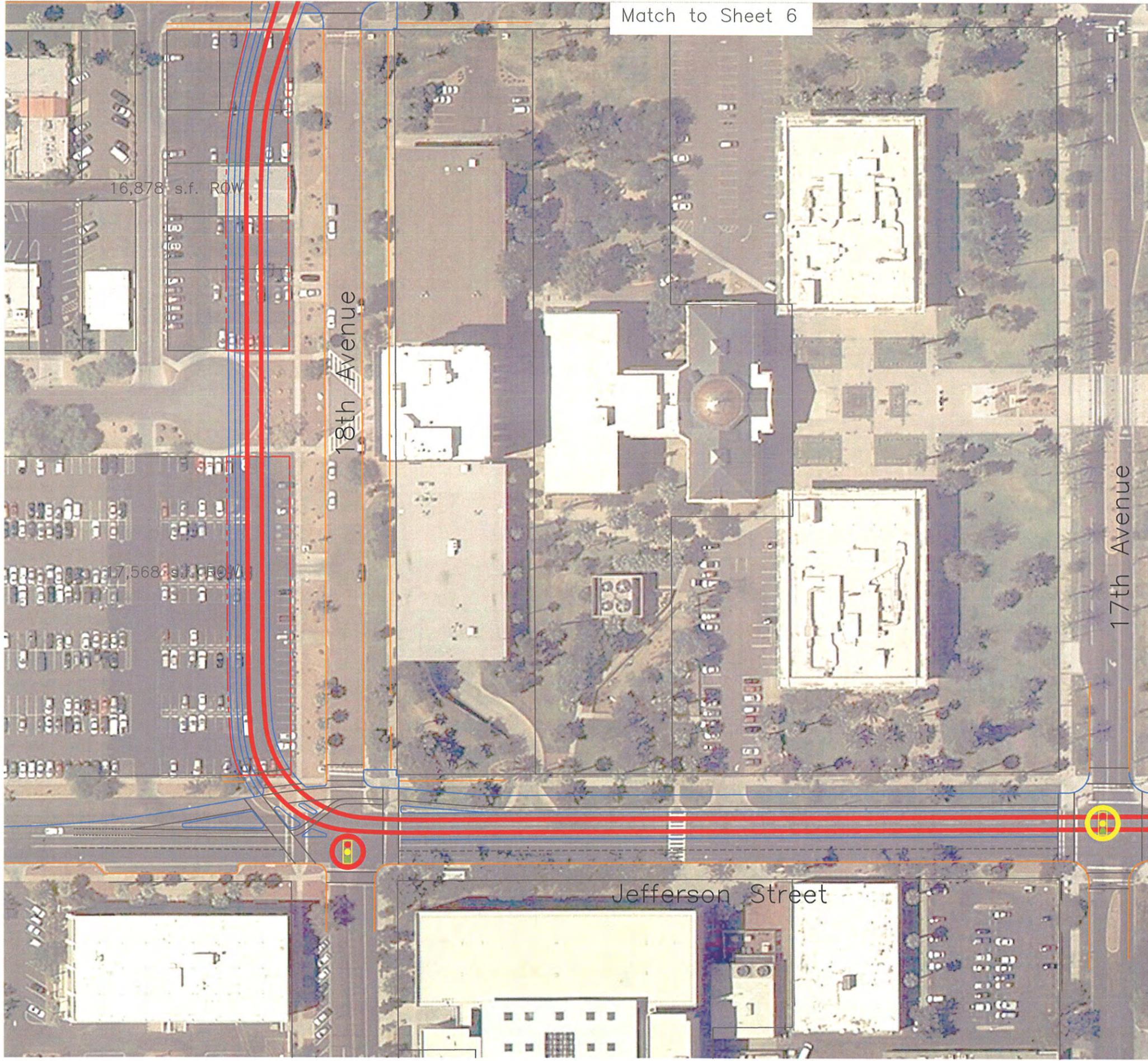
14th Avenue

13th Avenue

Washington Street

Jefferson Street

Match to Sheet 6



16,878 s.f. ROW

17,568 s.f. ROW

18th Avenue

17th Avenue

Jefferson Street

Legend

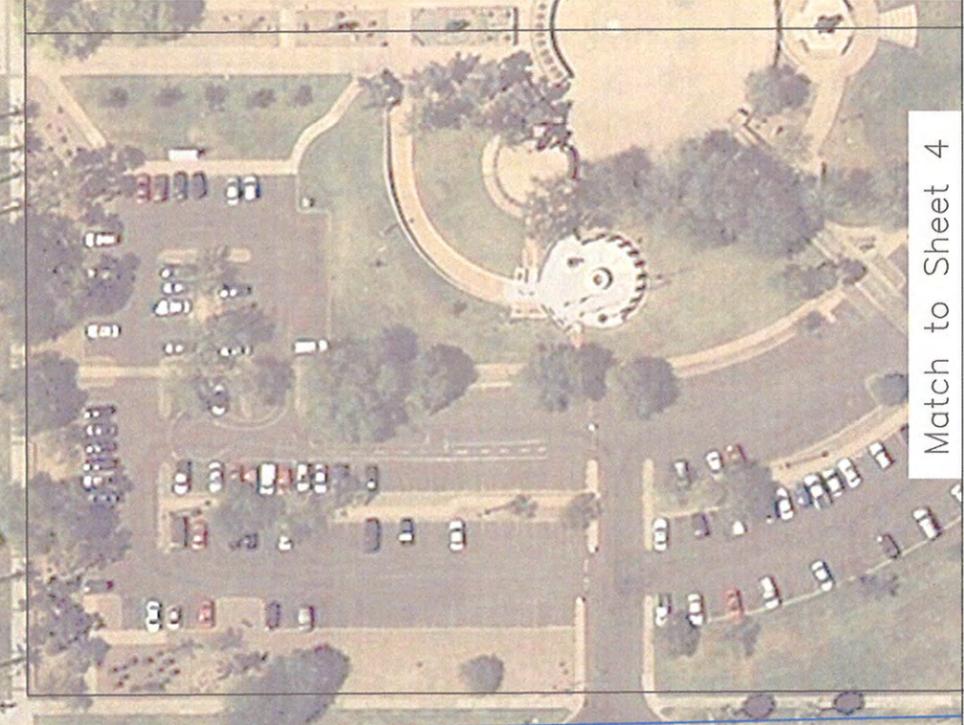
- Existing Curb
- Existing Right of Way
- Proposed Right of Way
- Proposed Curb
- Proposed Paint
- Proposed Trackway
- Existing Trackway
- Proposed Station
- Existing Station
- Station Entry
- Existing Traffic Signal
- Proposed Traffic Signal
- Aerial Structure
- Grade Separation Overpass or Underpass (To Be Determined)



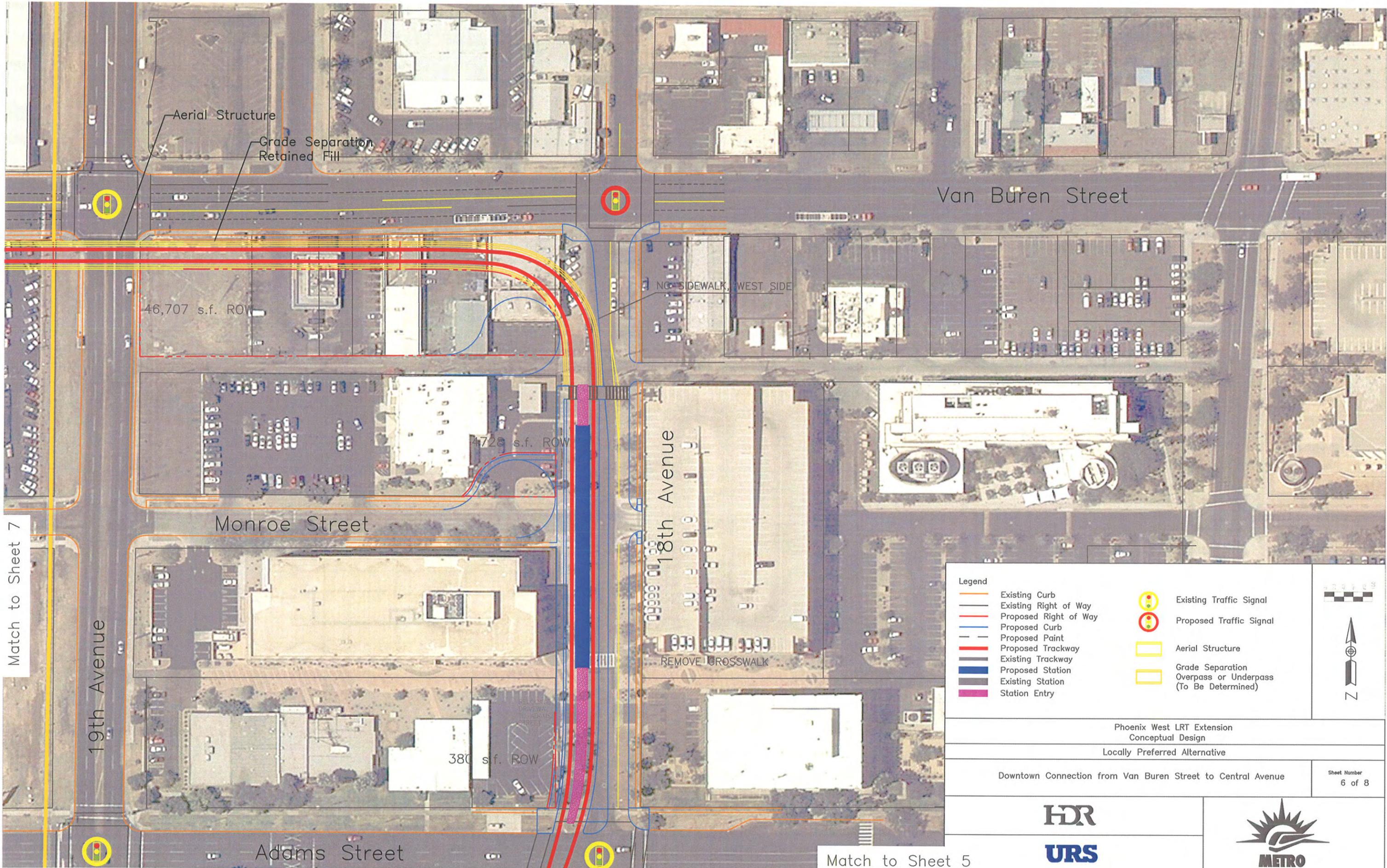
Phoenix West LRT Extension
Conceptual Design
Locally Preferred Alternative

Downtown Connection from Van Buren Street to Central Avenue

Sheet Number
5 of 8



Match to Sheet 4



Match to Sheet 7

Match to Sheet 5

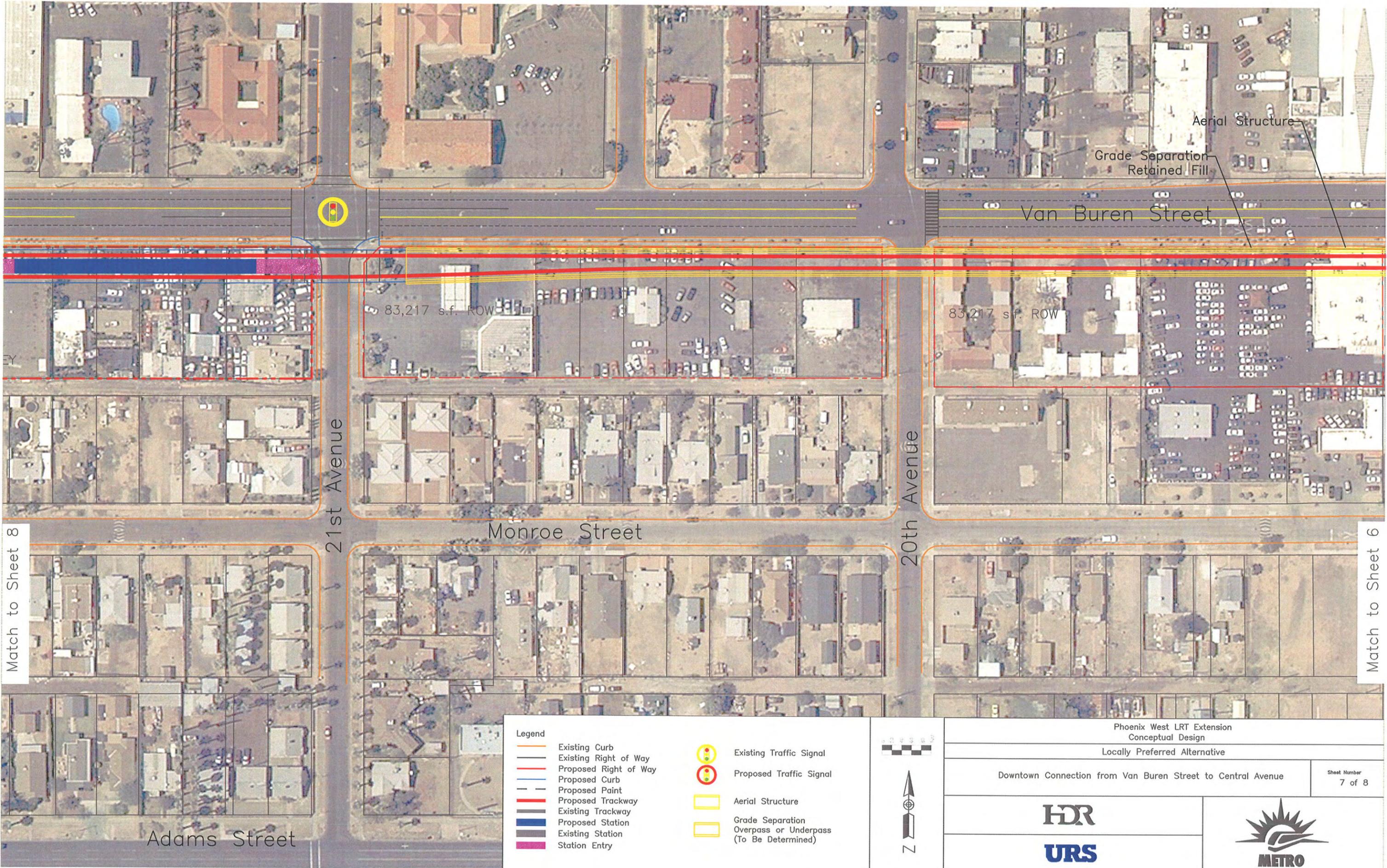
Legend	
	Existing Curb
	Existing Right of Way
	Proposed Right of Way
	Proposed Curb
	Proposed Paint
	Proposed Trackway
	Existing Trackway
	Proposed Station
	Existing Station
	Station Entry
	Existing Traffic Signal
	Proposed Traffic Signal
	Aerial Structure
	Grade Separation Overpass or Underpass (To Be Determined)



Phoenix West LRT Extension
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Aerial Structure

Grade Separation
Retained Fill

Van Buren Street

83,217 s.f. ROW

83,217 s.f. ROW

21st Avenue

20th Avenue

Monroe Street

Match to Sheet 8

Match to Sheet 6

Adams Street

- Legend**
- Existing Curb
 - Existing Right of Way
 - Proposed Right of Way
 - Proposed Curb
 - Proposed Paint
 - Proposed Trackway
 - Existing Trackway
 - Proposed Station
 - Existing Station
 - Station Entry
 - Existing Traffic Signal
 - Proposed Traffic Signal
 - Aerial Structure
 - Grade Separation Overpass or Underpass (To Be Determined)



Phoenix West LRT Extension
Conceptual Design

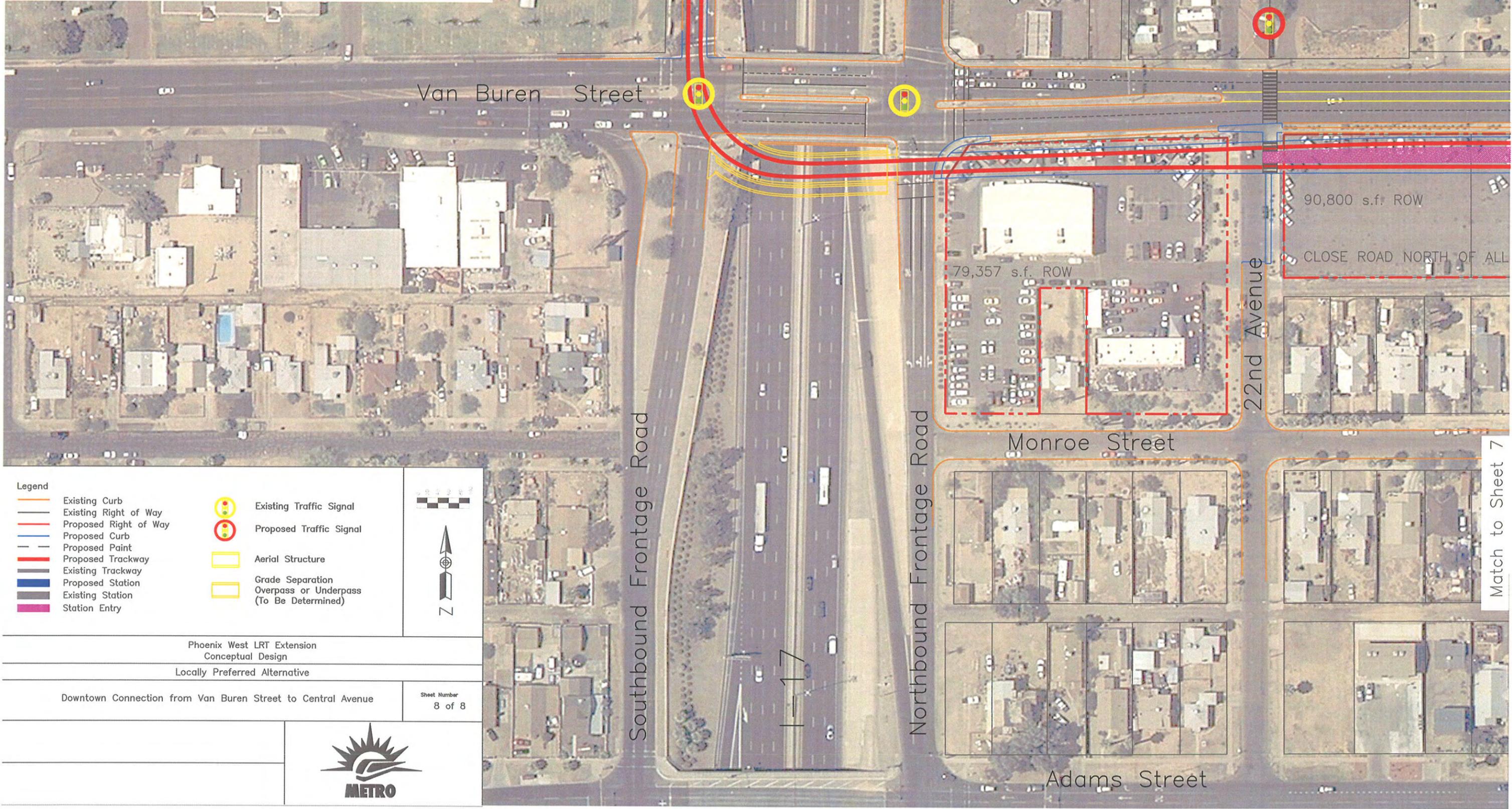
Locally Preferred Alternative

Downtown Connection from Van Buren Street to Central Avenue

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See Sheet 1
 Phoenix West LRT Extension
 Conceptual Design
 Locally Preferred Alternative
 LRT Alignment in I-17 Abandoned Frontage Road



- Legend**
- Existing Curb
 - Existing Right of Way
 - Proposed Right of Way
 - Proposed Curb
 - Proposed Paint
 - Proposed Trackway
 - Existing Trackway
 - Proposed Station
 - Existing Station
 - Station Entry
 - Existing Traffic Signal
 - Proposed Traffic Signal
 - Aerial Structure
 - Grade Separation Overpass or Underpass (To Be Determined)



Phoenix West LRT Extension
 Conceptual Design
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Downtown Connection from Van Buren Street to Central Avenue

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Match to Sheet 7