

1. FM 431770-5: Hollywood Package 2

1.1. 29-A: Bike Lanes on North Park Road from Hollywood Boulevard to Johnson Street (Hollywood)

Project Description

The project improvements include widening the existing roadway to accommodate 5-ft. bike lanes on both sides of North Park Road. Pavement markings and signs should be upgraded as necessary to meet standards while the existing 5-ft. concrete sidewalks are to remain. North Park Road is a north-south urban minor collector with a posted speed of 30 mph and the total project length is 0.51 miles.

Project Location

The project is located in Section No. 86000112 on N. Park Road from MP 0.013 to MP 0.514. Figure 3.41 below shows the project location.

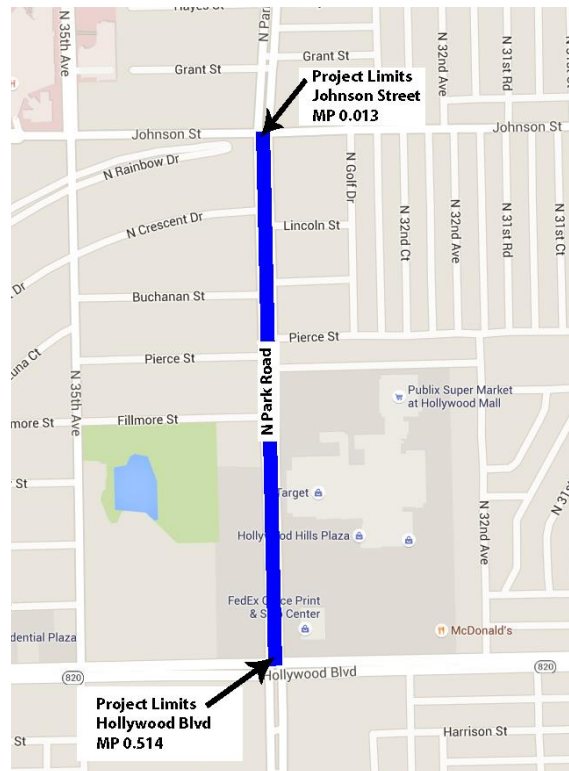
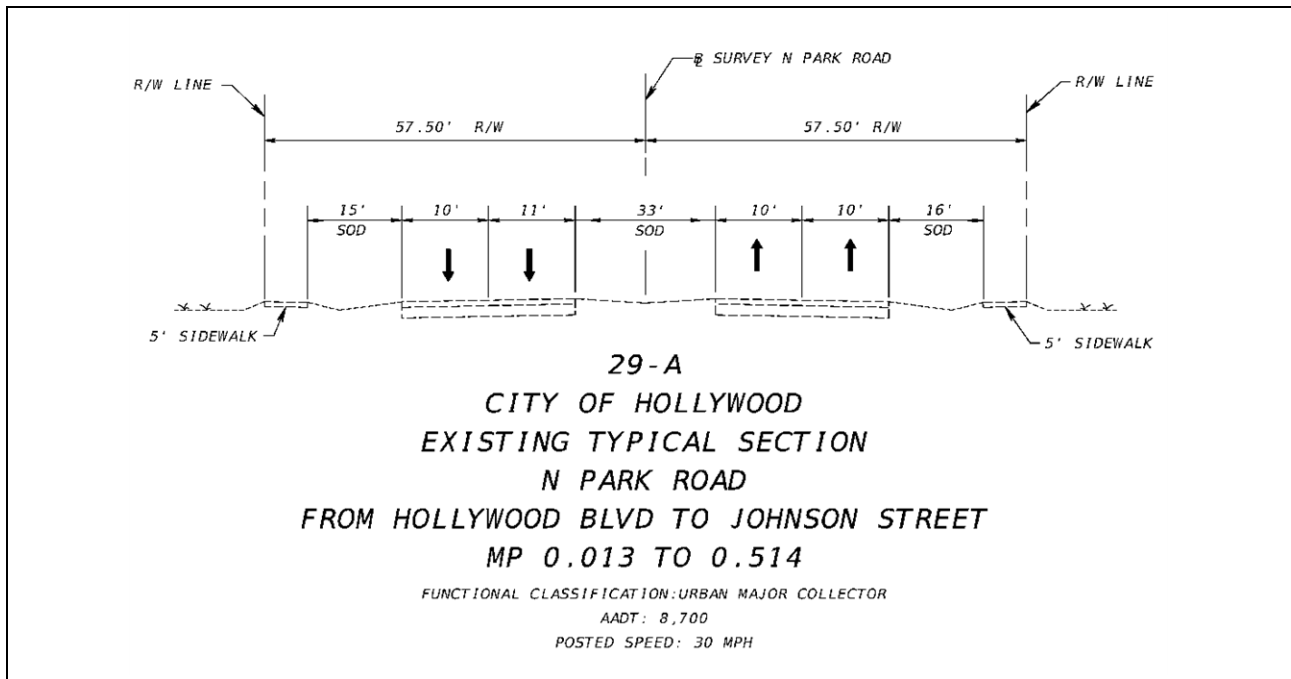


FIGURE: 3.41 LOCATION MAP

Existing Typical Sections



Analysis of Existing Conditions

A number of trees will be impacted by the proposed widening. It is estimated that at a minimum three (3) FPL poles will need to be relocated. Right-of-way is limited at the Hollywood Plaza entrance just south of the bus bay (northbound side).

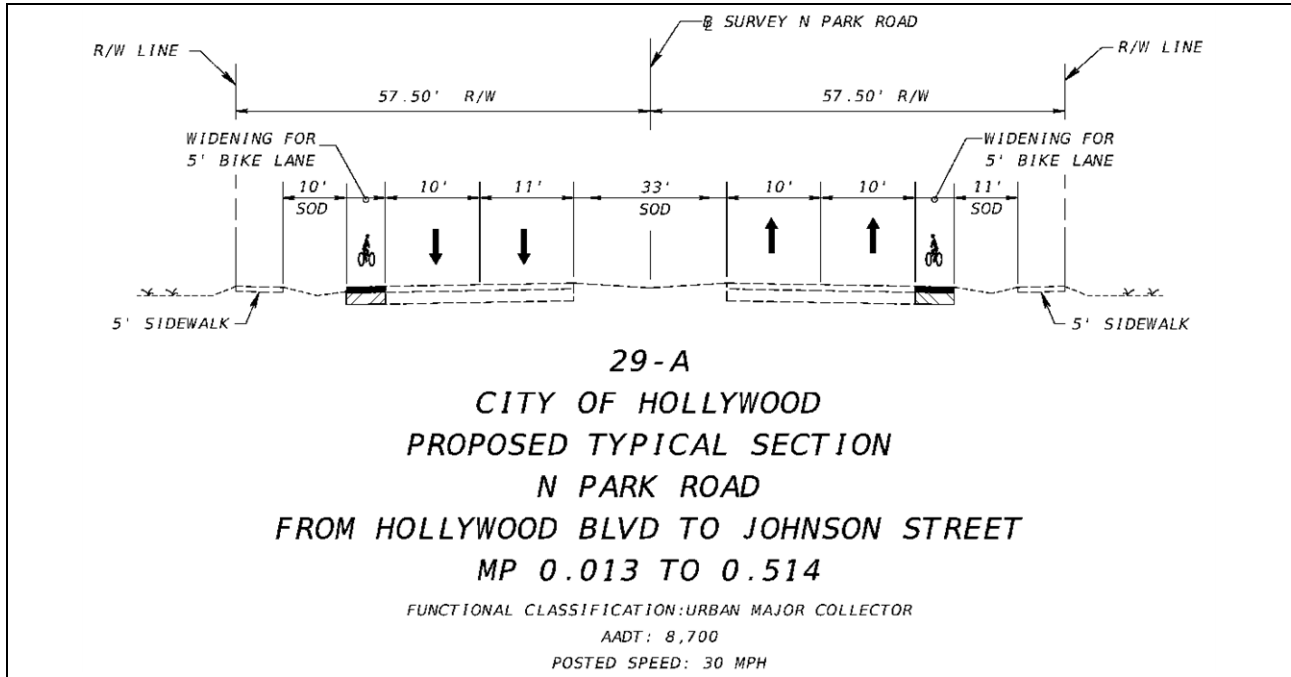


Recommendations

- a) Widen existing roadway 5-ft. to provide 4'+1' buffered bike lanes between project limits.
- b) Mill and resurface to restripe lane width to 10-ft. at the Target Driveway, Fillmore Street and Johnson Street northbound to provide keyhole.

- c) At Hollywood Boulevard southbound, reduce lane width to 10.5-ft. to provide keyhole.
- d) A project survey will be needed to finalize tree and utility impacts.
- e) Provide French Drainage to address permitting requirements such as water quality and flooding.

Recommended Typical Sections



1.2. 29-B: Bike Lanes on South Park Road from Washington Street to Hollywood Boulevard Hollywood)

Project Description

South Park Road is a north-south roadway with a posted speed of 35 mph. The project improvements include widening to accommodate 5-ft. bike lanes on both sides of South Park Road. The total project length is 0.56 miles. Pavement markings and signs should be upgraded as necessary to meet standards while the existing 5-ft. concrete sidewalk and 7-ft. asphalt path are to remain. Milling and resurfacing will be done as necessary.

Project Location

The project is located in Section No. 86000409 on South Park Road from MP 0.518 to MP 1.061. Figure 3.42 below shows the project location.

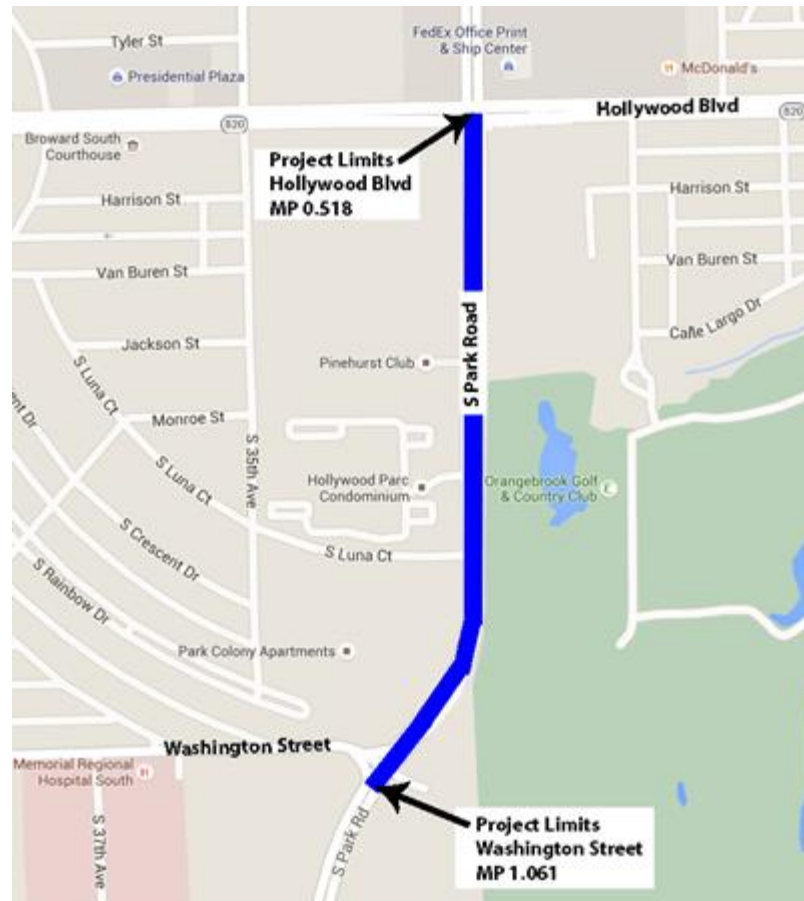
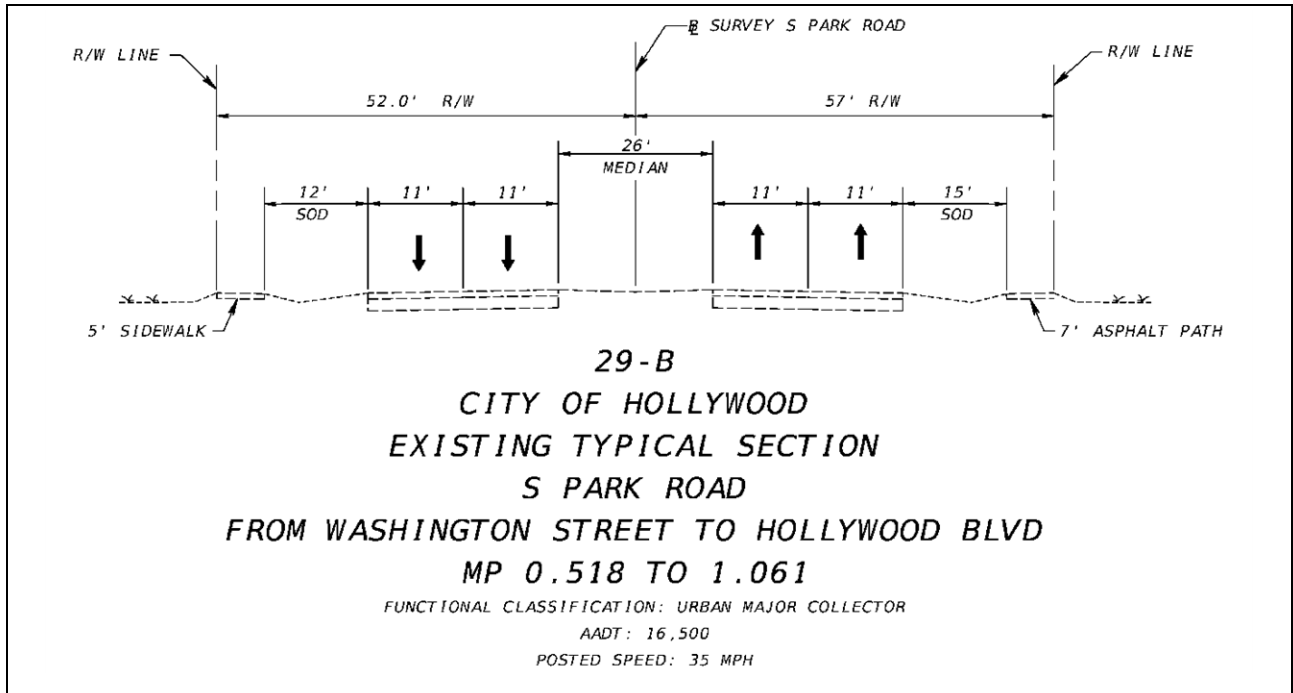


FIGURE: 3.42 LOCATION MAP

Existing Typical Sections



Analysis of Existing Conditions

The Broward Property Appraiser website shows the northern portion of the roadway owned by a private party. It is estimated that five light poles would need to be relocated with widening. Numerous mature trees along the corridor would be impacted by the proposed widening.

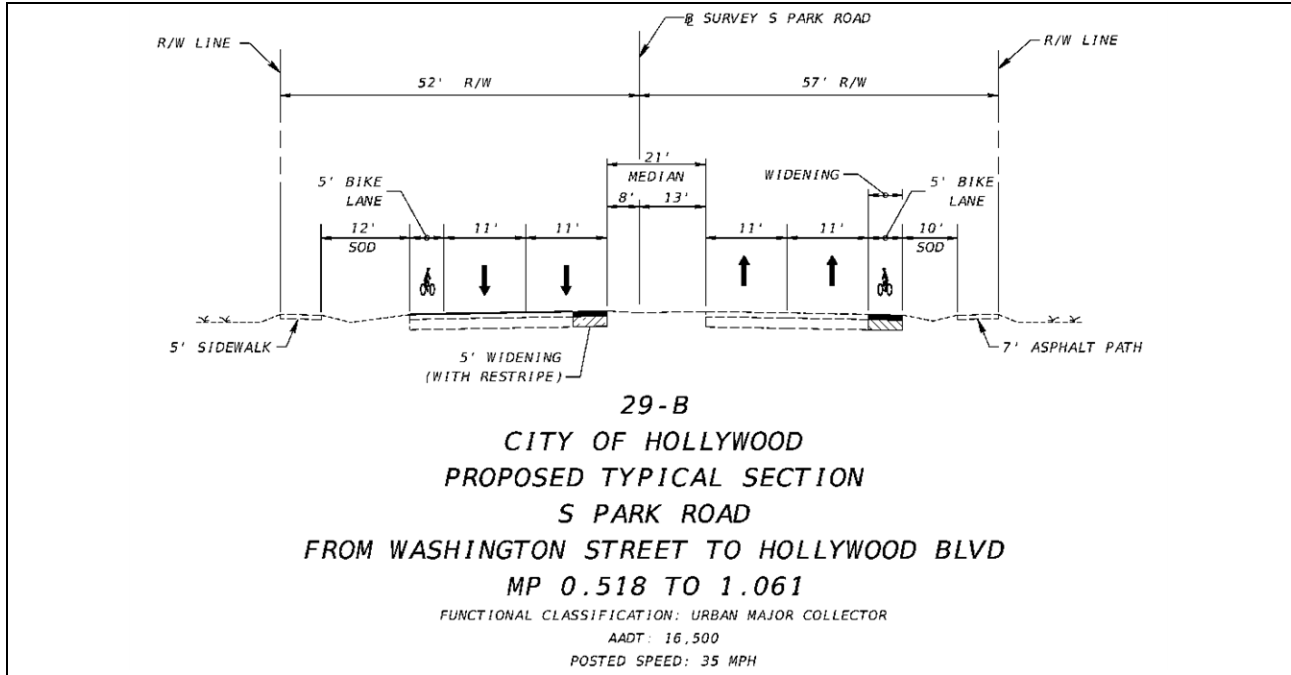


Recommendations

- a) Northbound: Widen 5-ft. to provide 4'+1' buffered bike lane.
- b) Southbound: Widen inside lane / reduce median 5-ft., resurface and restripe to provide 4'+1' buffered bike lane.
- c) Right-of-way verification needed on the northern portion of the project - property is currently listed as a private owner.

- d) Shared lane markings may be required in the northern most portion which is approximately 300-ft.
- e) A project survey will be needed to finalize tree and utility impacts.
- f) Provide French Drainage to address permitting requirements such as water quality and flooding.

Recommended Typical Sections



1.3. 30.1-A: Sharrows on 35th Avenue from South Rainbow Drive to Johnson Street (Hollywood)

Project Description

35th Avenue is a north-south undivided two lane roadway with a posted speed of 30 mph. Bicycle shared lane markings (sharrows) are proposed from South Rainbow Drive to Johnson Street. Pavement markings and signs should also be upgraded as necessary to meet to current MUTCD and FDOT standards. The total project length is 0.99 miles.

Project Location

The project is located in Section Nos. 86000474 and 86000111 on 35th Avenue from MP 0.018 to MP 0.515. Figure 3.44 below shows the project location.

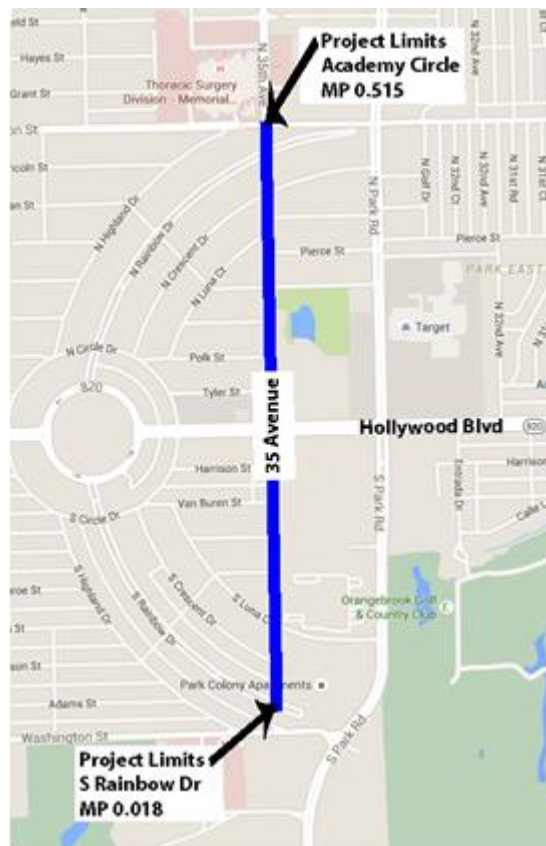
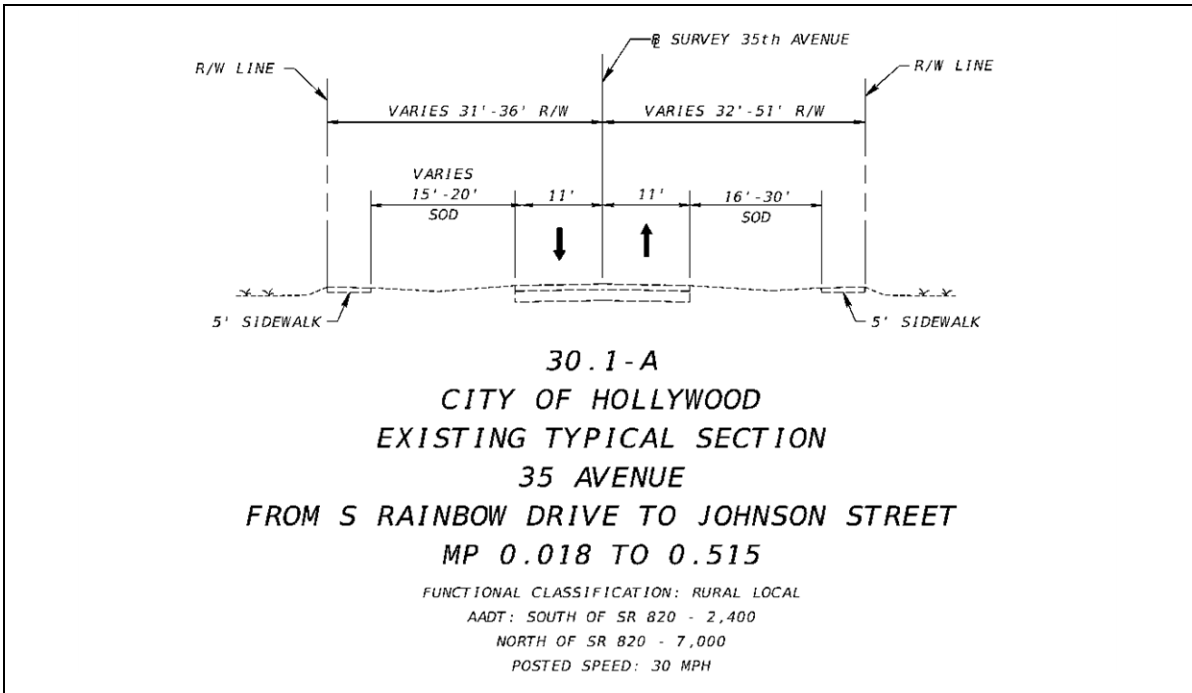


FIGURE: 3.44 LOCATION MAP

Existing Typical Sections



Analysis of Existing Conditions

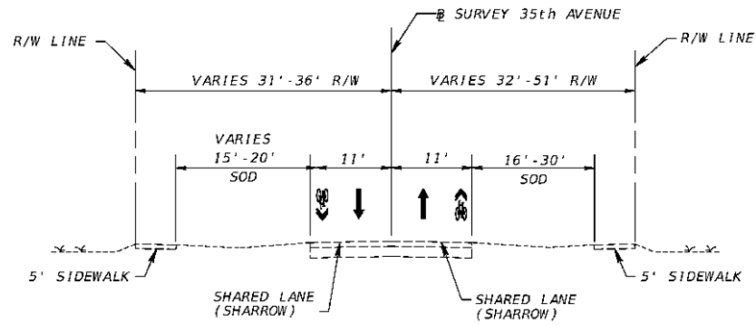
No issues foreseen.



Recommendations

- a) Provide bicycle shared lane markings (sharrows) between the project limits.
- b) Upgrade pavement markings and signs as necessary to meet current MUTCD and FDOT standards.

Recommended Typical Sections



30.1-A
CITY OF HOLLYWOOD
PROPOSED TYPICAL SECTION
35 AVENUE
FROM S RAINBOW DRIVE TO JOHNSON STREET
MP 0.018 TO 0.515

FUNCTIONAL CLASSIFICATION: RURAL LOCAL
 AADT: SOUTH OF SR 820 - 2,400
 NORTH OF SR 820 - 7,000
 POSTED SPEED: 30 MPH

1.4. 23-B: Sidewalks on Fillmore Street from 62nd Avenue to SR 7 (Hollywood)

Project Description

The project improvements include the construction of 5-ft. sidewalks at the missing locations on Fillmore Street from SW 62nd Avenue to SR 7/US 441. The total project length is 0.25 miles.

Project Location

The project is located in Section No. 86040000 on Hollywood Boulevard at MP 15.111. Figure 3.33 below shows the project location.



FIGURE: 3.32 LOCATION MAP

Analysis of Existing Conditions

There are existing sign poles, water hydrants and water valves that may be impacted by the proposed sidewalk construction. There is also a one tree, located between NW 61st Terrace and NW 61st Avenue that may be slightly impacted, see below pictures.



During a June 5, 2015 coordination meeting with the City of Hollywood, the City stated they are adding a light signal at the intersection at Filmore St and SR 7. In addition, they are adding bike lanes on Columbus Parkway.

Recommendations

- a) Construct 5-ft. sidewalks at missing locations.

1.5. 35-B: ADA Ramps and Pedestrian Improvements on Polk Street at 24th Avenue (Hollywood)

Project Description

The project improvements consist of constructing ADA accessible ramps to existing sidewalks at the intersection of Polk Street and 24th Avenue. Restripe crosswalk markings and upgrade the existing intersection lighting.

Project Location



FIGURE: 3.50 LOCATION MAP

Analysis of Existing Conditions

There are three pedestrian countdown signals currently at this intersection. The missing countdown pedestrian signal is located at the NW corner of the intersection. There is a utility box located at the NE corner that reduces the sidewalk width to 3'-6". A utility post located on the sidewalk may be in conflict with proposed ADA ramp and may need to be relocated.



Recommendations

- a) Construct ADA accessible ramps to existing sidewalks.
- b) Restripe crosswalk markings.
- c) Upgrade the existing intersection lighting.

1.6. 34-B: ADA Ramps and Pedestrian Improvements on Van Buren Street at 24th Avenue (Hollywood)

Project Description

The project improvements include constructing ADA accessible ramps to existing sidewalks at the intersection of Van Buren Street and 24th Avenue. Also, install pedestrian countdown signals, restripe crosswalk markings, and upgrade the existing intersection lighting.

Project Location

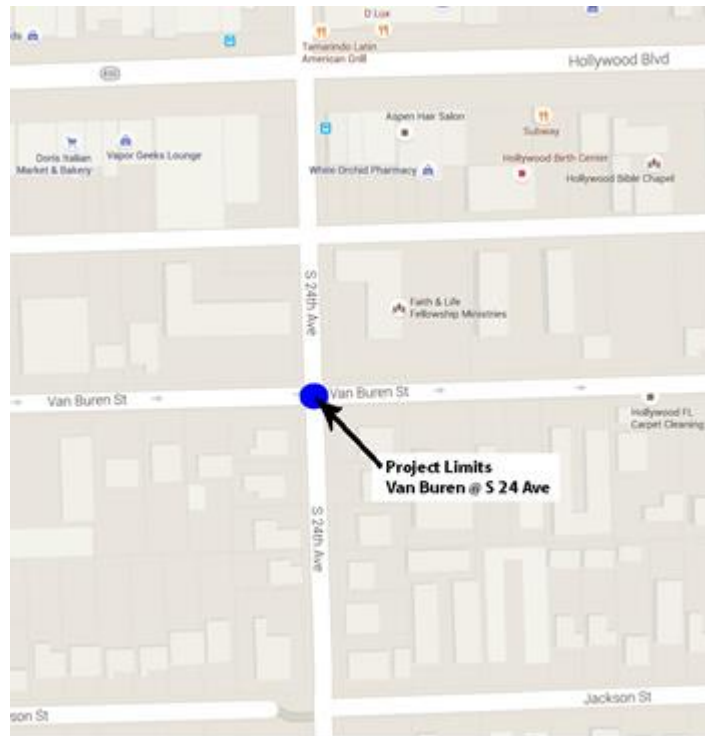


FIGURE: 3.49 LOCATION MAP

Analysis of Existing Conditions

An area of approximately 5-ft. x 2-ft. of sidewalk is missing on the SW corner of the intersection. There is one utility pole that may be impacted by the ADA ramp improvement and it may need to be relocated.



Recommendations

- a) Construct ADA accessible ramps to existing sidewalks
- b) Install pedestrian countdown signals

- c) Restripe crosswalk markings
- d) Upgrade the existing intersection lighting (Intersection lighting upgrade is contingent to written justification from either a Safety Study or a Lighting Justification Report).

1.7. 32-B: Mid-Block Crossing Improvements on Hollywood Boulevard East of 28th Avenue (Hollywood)

Project Description

The project improvements include installing rectangular flashing beacons, new pavement markings and advance crosswalk warning signs at existing mid-block crossing location just east of 28th Avenue.

Project Location

The project is located in Section No. 86040000 on Hollywood Boulevard at MP 16.883. Figure 3.48 below shows the project location.

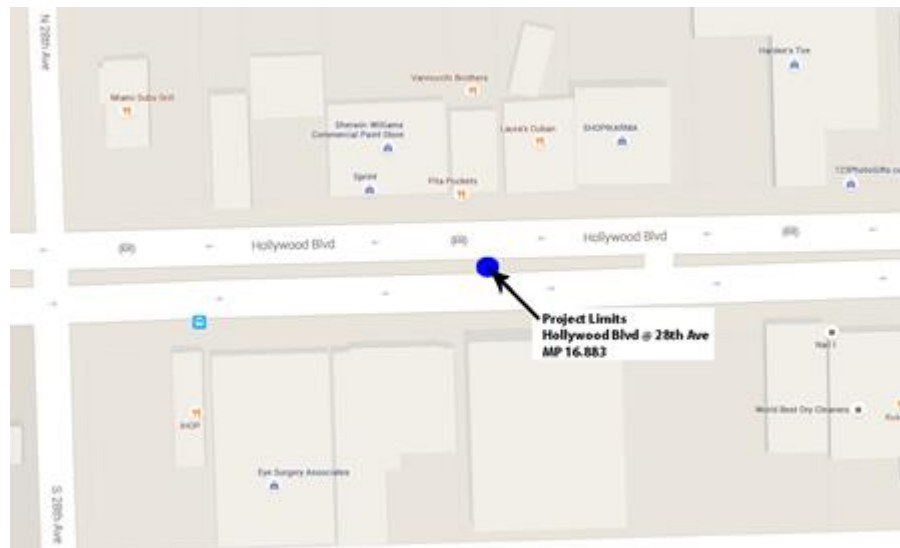


FIGURE: 3.48 LOCATION MAP

Analysis of Existing Conditions

During the field visit it was observed that drivers did not stop for pedestrians attempting to use the cross walk. The mid-block crossing sign is being obscured by the school zone ahead sign located in the eastbound direction in the median. The brick pavers are faded and clear delineation of the crossing is not clearly visible. There are no impacts found at this project location which will conflict with the proposed improvements. The City stated during a June 5, 2015 coordination meeting that there are currently proposed projects by the City of Hollywood along this portion of the street (benches, etc.). There were also discussions with the City on the potential to remove the mid-block crossing and add one further to the East.



Recommendations

- a) Improve current mid-block crossing instead of relocating it further to the East.
- b) Provide rectangular rapid flashing beacon (RRFB) warning devices.
- c) Apply 12" thermoplastic borders to textured crosswalks
- d) Provide advanced stop bar markings and advance crosswalk warning signs.

1.8. 27-A: Sharrows on Polk Street from 56th Avenue to North Circle Drive (Hollywood)

Project Description

The project improvements include bicycle shared lane markings on both sides of Polk Street for a total length of 0.92 miles. Pavement markings and signs should be upgraded as necessary to meet standards while the existing 4-ft. sidewalk is to remain.

Project Location

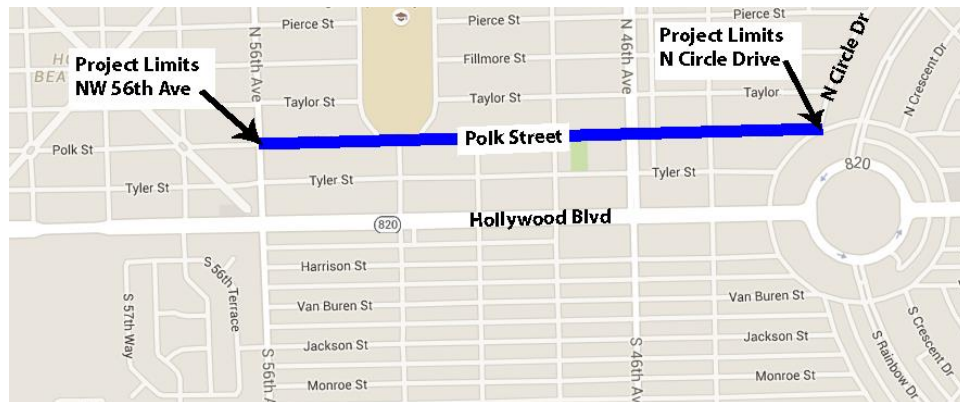
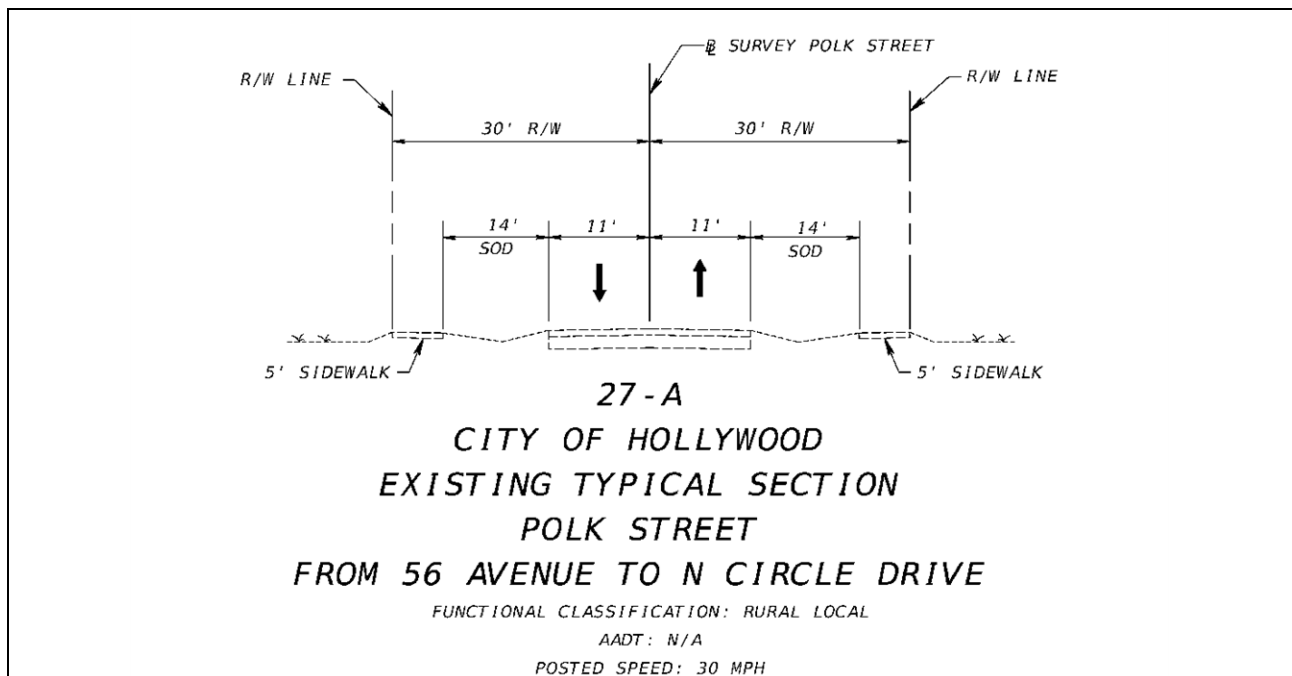


FIGURE: 3.35 LOCATION MAP

Existing Typical Sections



Analysis of Existing Conditions

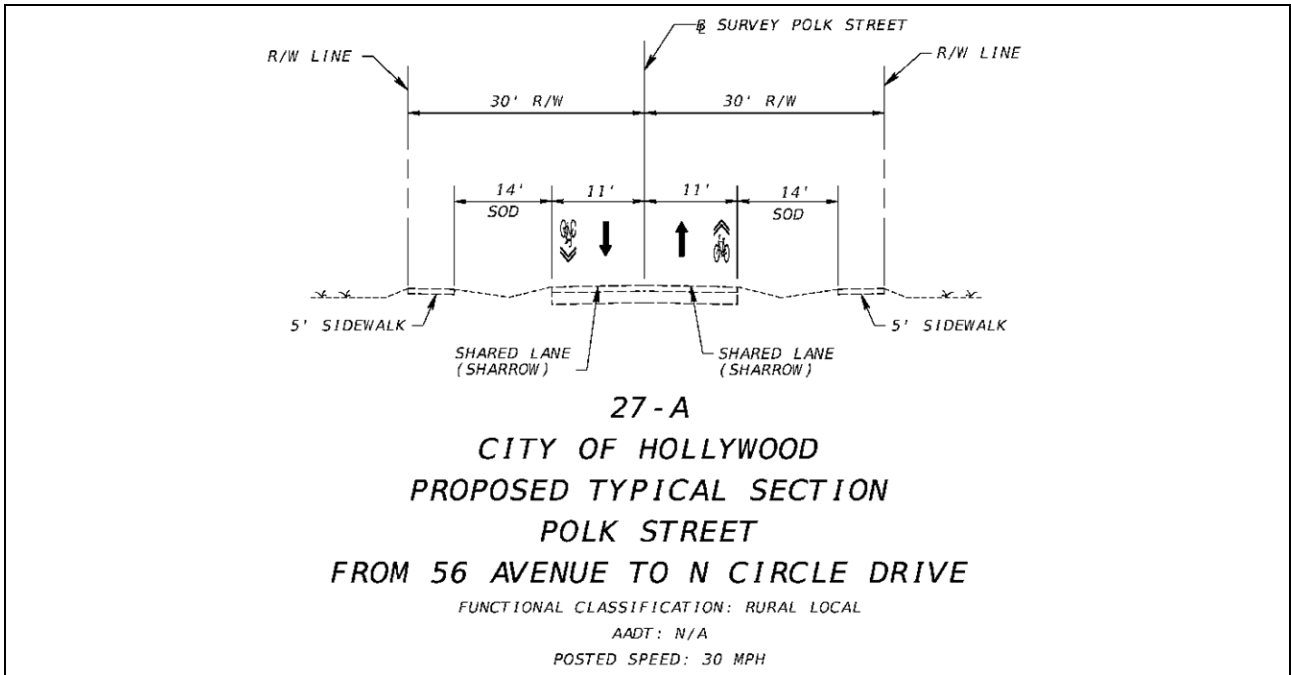
Polk Street is an east-west two lanes undivided road with a posted speed of 30 mph. There are no issues foreseen.



Recommendations

- a) Provide bicycle shared lane markings (sharrows) between the project limits.
- b) Upgrade pavement markings and signs as necessary to meet current MUTCD and FDOT standards.

Recommended Typical Sections



1.9. 27-B: Bike Lanes on North Rainbow Drive from North Circle Drive to N 35th Avenue (Hollywood)

Project Description

North Rainbow Drive is a north-south urban major collector with a posted speed of 30 mph. The project improvements include widening to accommodate 5-ft. bike lanes on both sides of North Rainbow Drive. Pavement markings and signs should be upgraded as necessary to meet standards while the existing 5-ft. concrete sidewalks are to remain. Milling and resurfacing will be done as necessary. The total project length is 0.50 miles.

Project Location

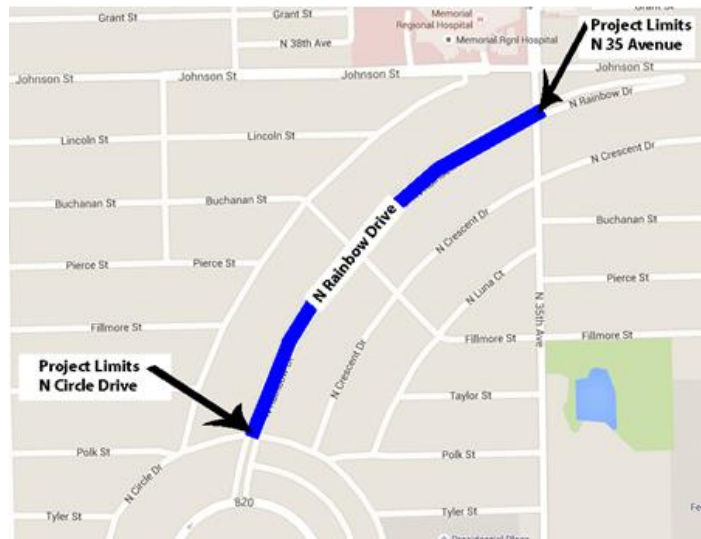
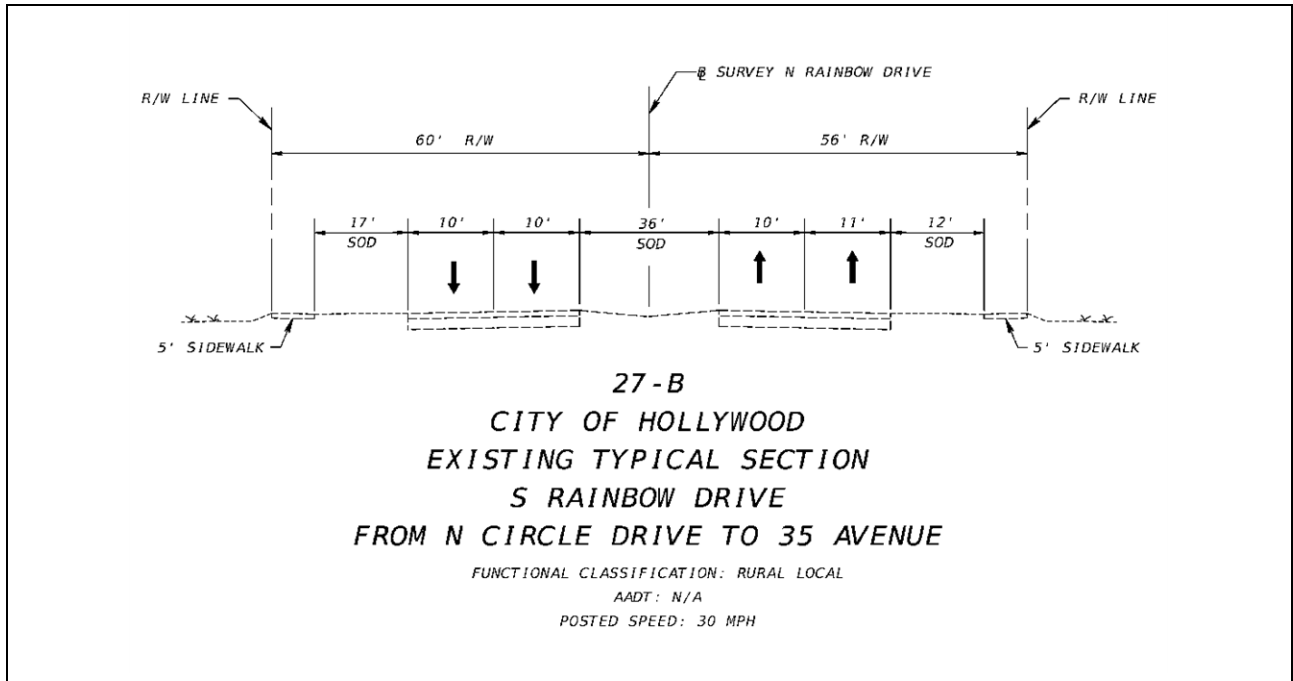


FIGURE: 3.37 LOCATION MAP

Existing Typical Sections



Analysis of Existing Conditions

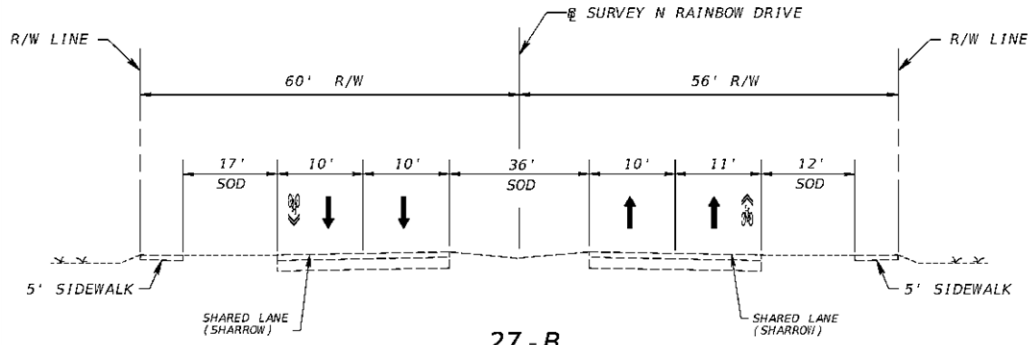
Trees and some utilities would be impacted with widening. The City of Hollywood requested shared lane markings at this location instead of bike lanes. The City of Hollywood requested shared lane markings at this location instead of bike lanes.



Recommendations

- a) Provide bicycle shared lane markings (sharrows) between the project limits.
- b) Upgrade pavement markings and signs as necessary to meet current MUTCD and FDOT standards.

Recommended Typical Sections



27-B
CITY OF HOLLYWOOD
PROPOSED TYPICAL SECTION
S RAINBOW DRIVE
FROM N CIRCLE DRIVE TO 35 AVENUE
 FUNCTIONAL CLASSIFICATION: RURAL LOCAL
 AADT: N/A
 POSTED SPEED: 30 MPH

1.10. 27.1-A: Connection between the sharrows on Van Buren Street and Bike Lanes on South Rainbow Drive (Hollywood)

Project Description

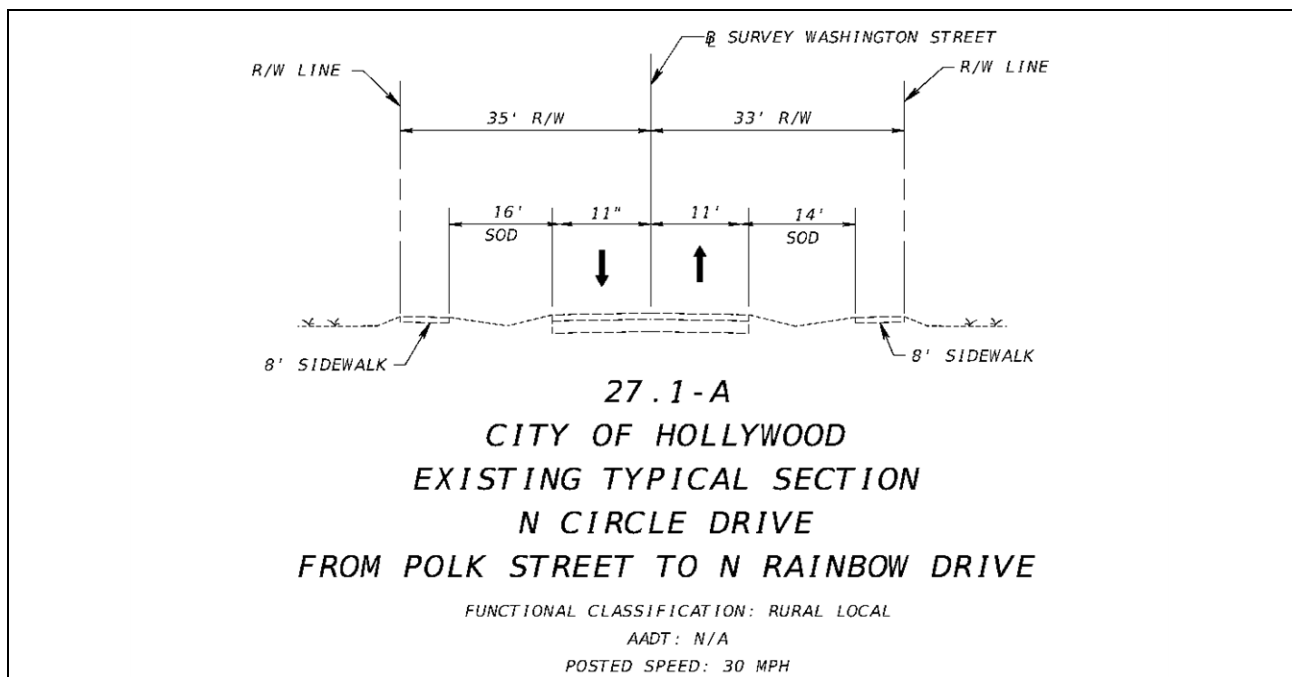
The City of Hollywood recommended a connection between the sharrows on Polk Street and the bike lane on North Rainbow Drive. The total project length is 0.10 miles.

Project Location



FIGURE: 3.36 LOCATION MAP

Existing Typical Sections



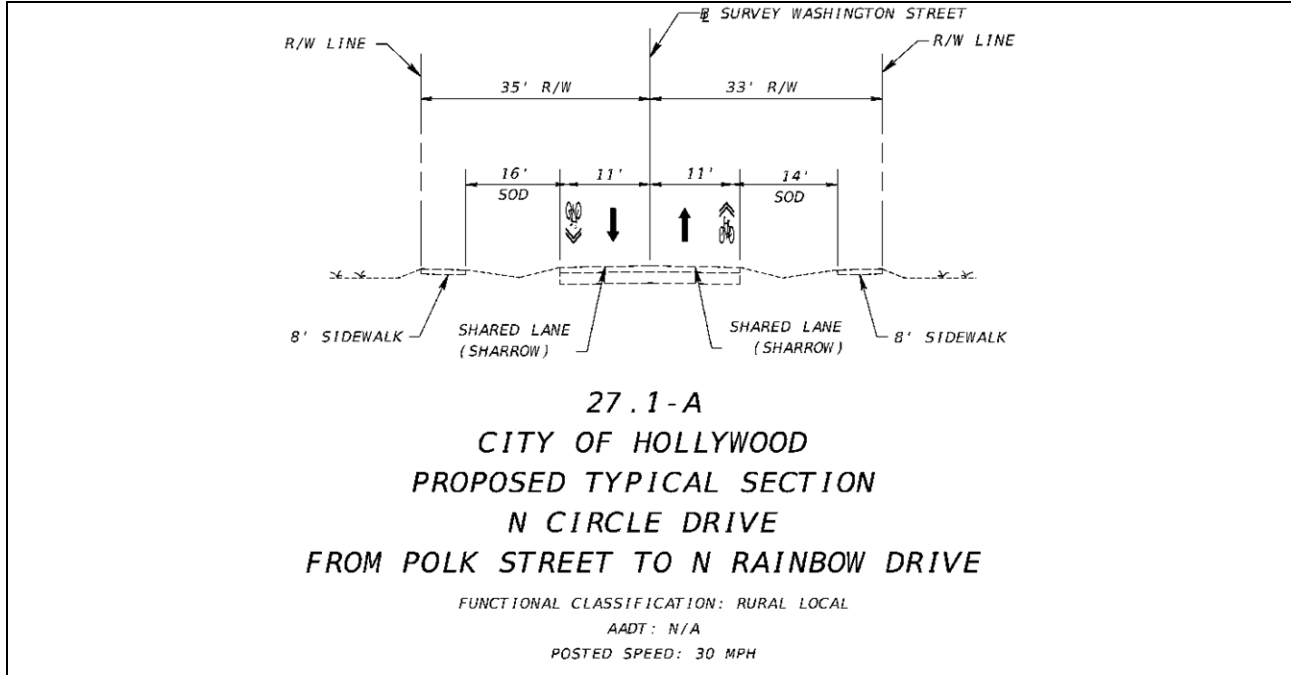
Analysis of Existing Conditions

No issues foreseen.

Recommendations

- a) Provide bicycle shared lane markings (sharrows) between the project limits.
- b) Upgrade pavement markings and signs as necessary to meet current MUTCD and FDOT standards.

Recommended Typical Sections



1.11. 28-A: Sharrows on Van Buren Street from 56th Avenue to South Circle Drive (Hollywood)

Project Description

Van Buren Street is an undivided two lanes roadway that runs in the east-west direction. Bicycle shared lane markings (sharrows) are proposed between the project limits. Pavement markings and signs should also be upgraded as necessary to meet standards. The total project length is 0.91 miles.

Project Location

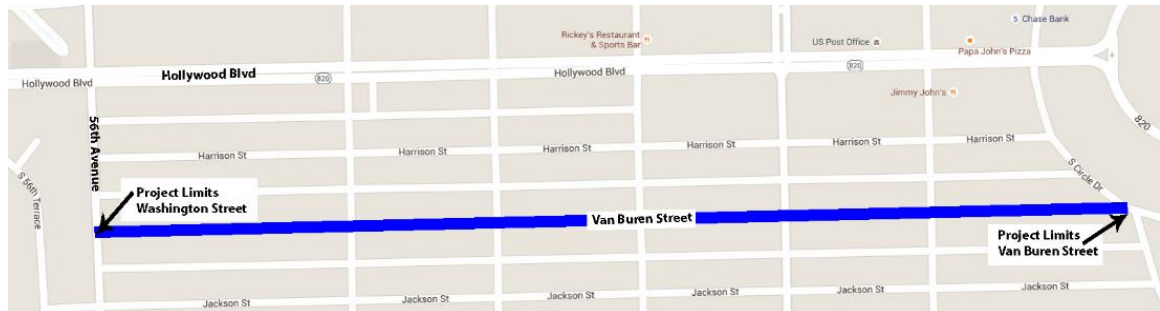
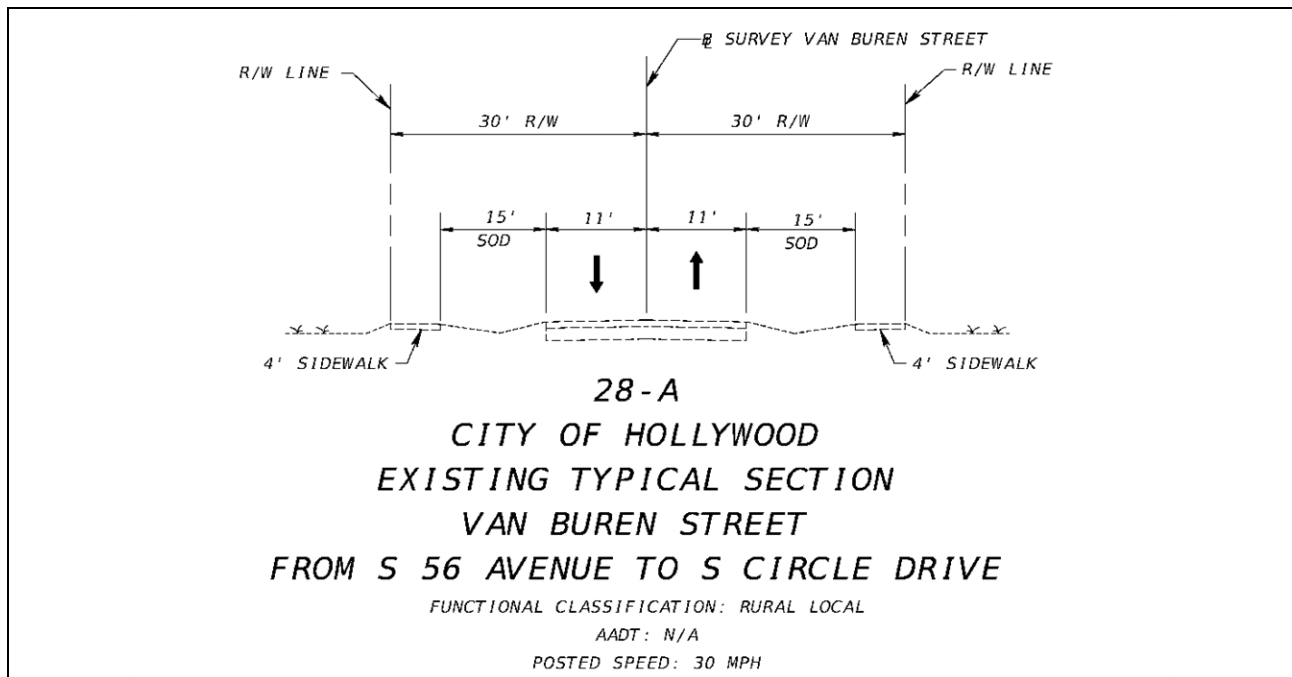


FIGURE: 3.38 LOCATION MAP

Existing Typical Sections



Analysis of Existing Conditions

Bicycle facilities on Van Buren Street would provide east-west connectivity through neighborhood. There is a potential safety issue towards the eastern limit at the intersection of Van Buren and South Circle Drive. During coordination meetings with the City of Hollywood, it was discussed that a shared lane marking should not be

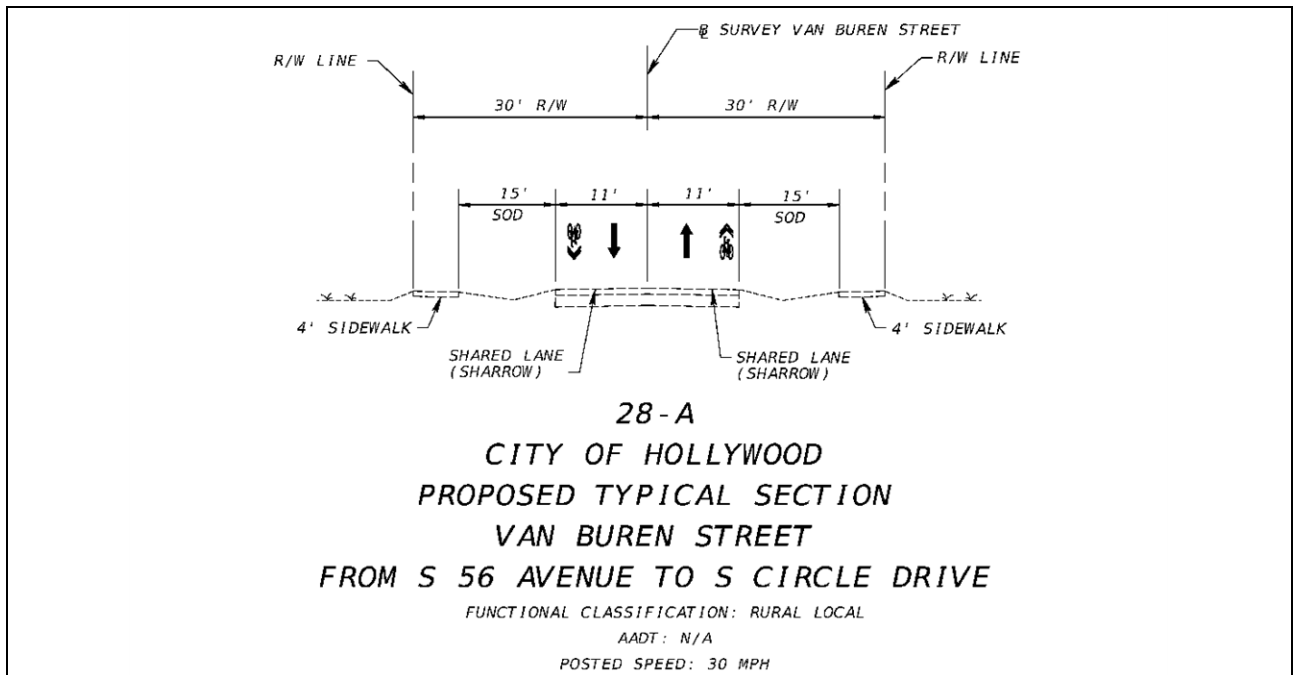
placed east of right turn lane that exits from South Circle Drive to Van Buren Street westbound.



Recommendations

- a) Provide bicycle shared lane markings (sharrows) between the project limits.
- b) Upgrade pavement markings and signs as necessary to meet current MUTCD and FDOT standards.

Recommended Typical Sections



1.12. 28-B: Bike Lanes on South Rainbow Drive from South Circle Drive to the Dead End (Hollywood)

Project Description

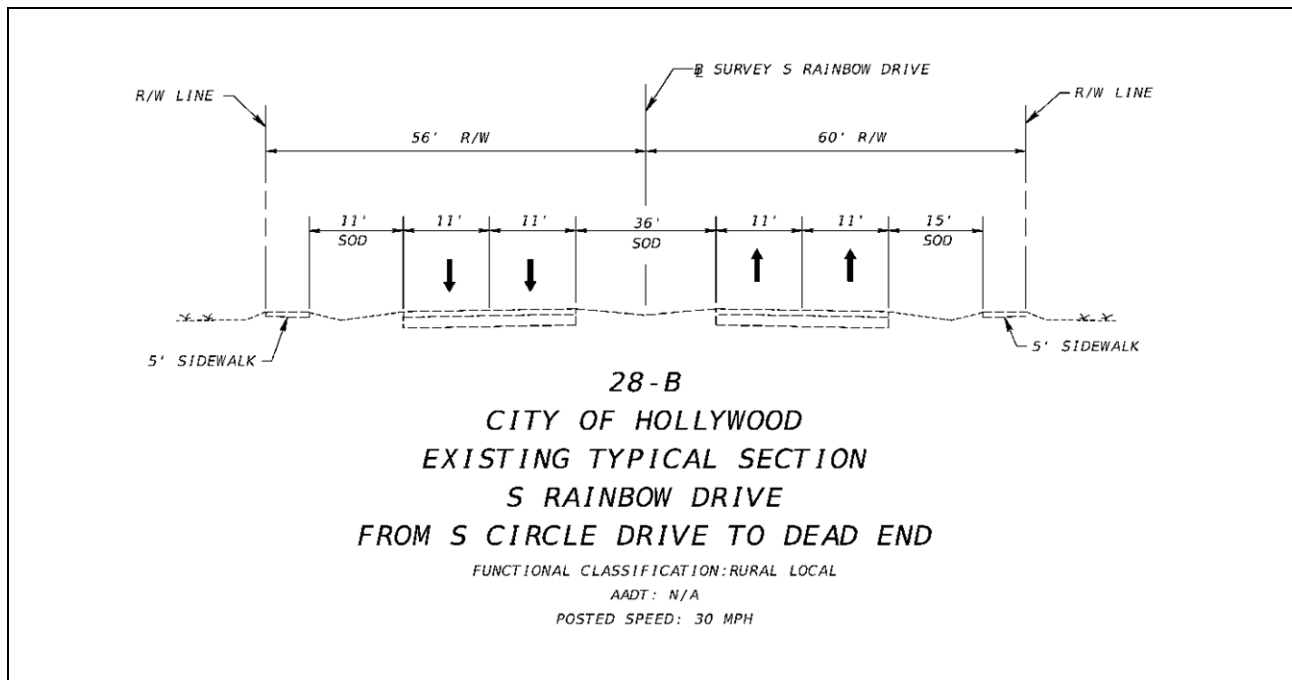
South Rainbow Drive is a north-south urban major collector with a posted speed of 30 mph. The project improvements include widening to accommodate 5-ft. bike lanes on both sides of South Rainbow Drive. Pavement markings and signs should be upgraded as necessary to meet standards while the existing 5-ft. concrete sidewalks are to remain. Milling and resurfacing will be done as necessary. The total project length is 0.50 miles.

Project Location



FIGURE: 3.40 LOCATION MAP

Existing Typical Sections



Analysis of Existing Conditions

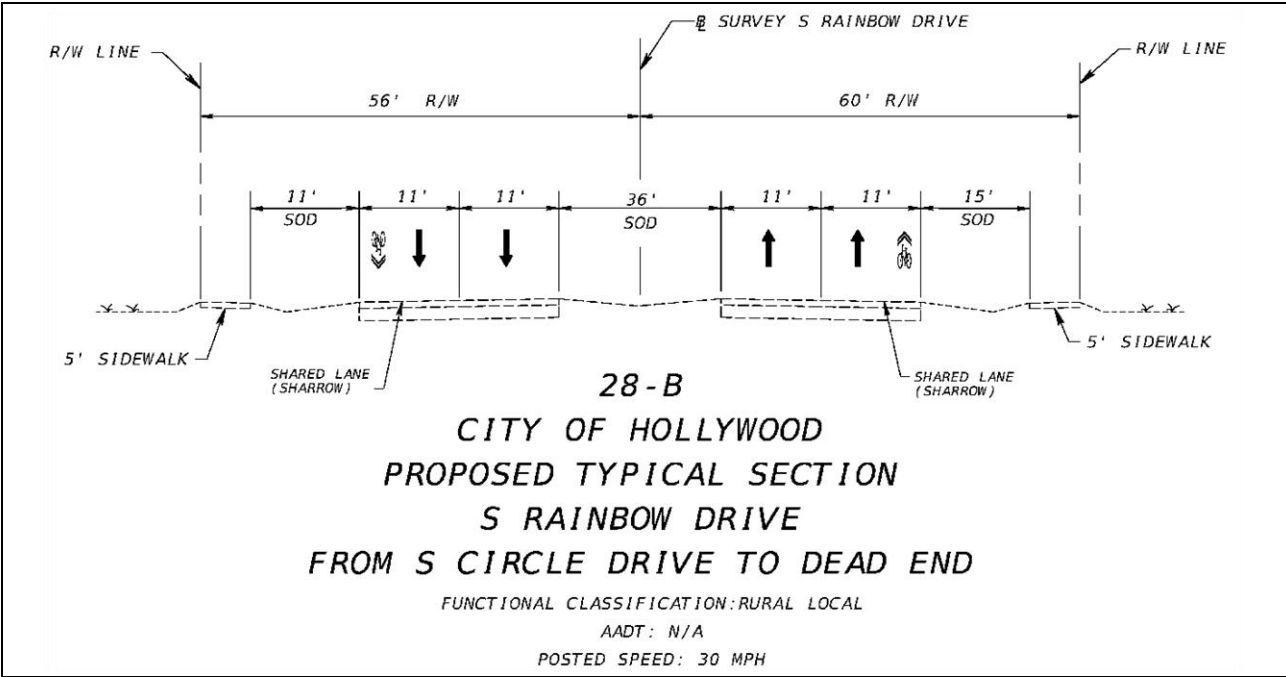
At least one AT&T pull box would need to be relocated (fiber optic) as well as some existing light poles with widening. In addition, a number of existing trees would be impacted by widening. The City of Hollywood requested shared lane markings at this location instead of bike lanes. The City of Hollywood requested that a 10-ft. Shared-use path be added to serve as a connection between the sharrows on South Rainbow Drive and the bike lanes on Washington Street. The distance is approximately 130-ft.



Recommendations

- a) Provide bicycle shared lane markings (sharrows) between the project limits.
- b) Upgrade pavement markings and signs as necessary to meet current MUTCD and FDOT standards.
- c) Provide a 10-ft. shared-use path connecting South Rainbow Drive and Washington Street.

Recommended Typical Sections



1.13. 28.1-A: Connection between the Sharrows on Polk Street and Bike Lanes on North Rainbow Drive (Hollywood)

Project Description

The City of Hollywood recommends a connection between the sharrows on Van Buren Street and the bike lane on South Rainbow Drive, a total project length of 0.10 miles.

Project Location

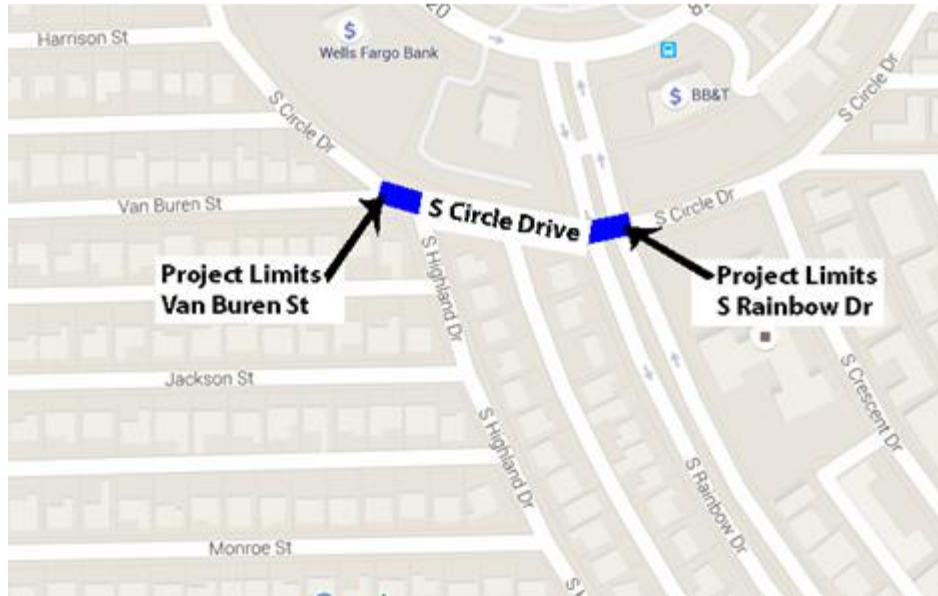
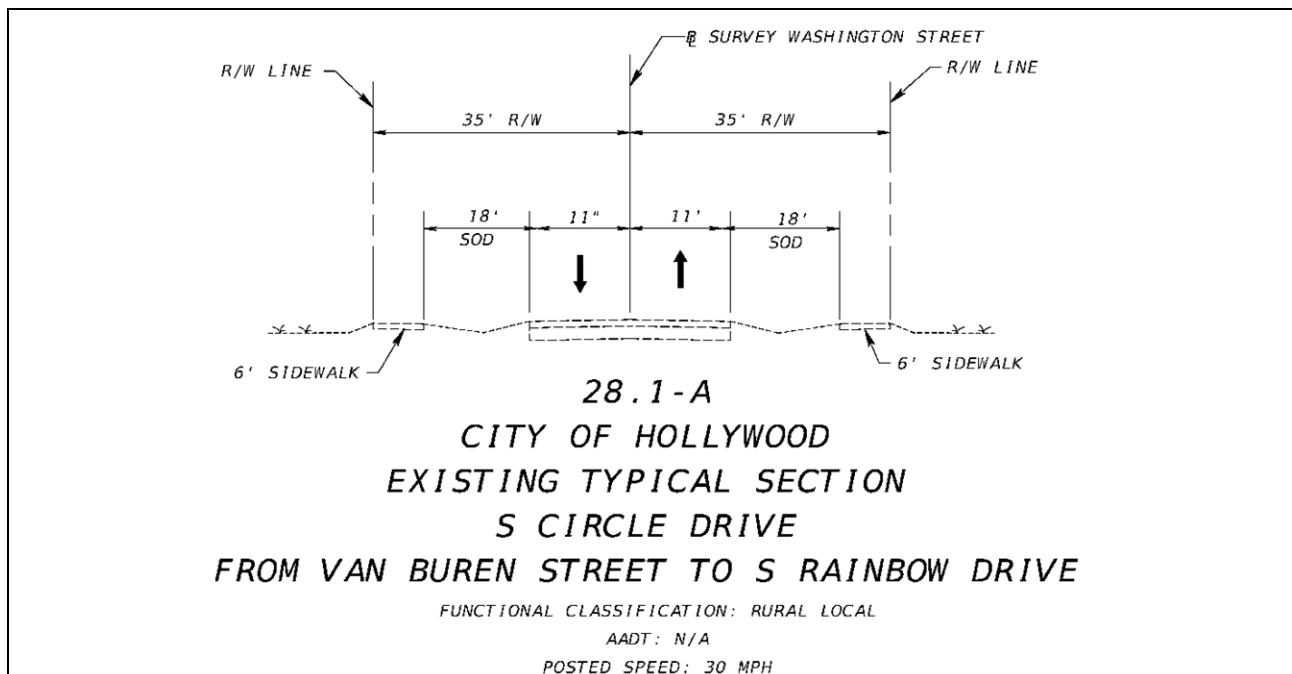


FIGURE: 3.39 LOCATION MAP

Existing Typical Sections



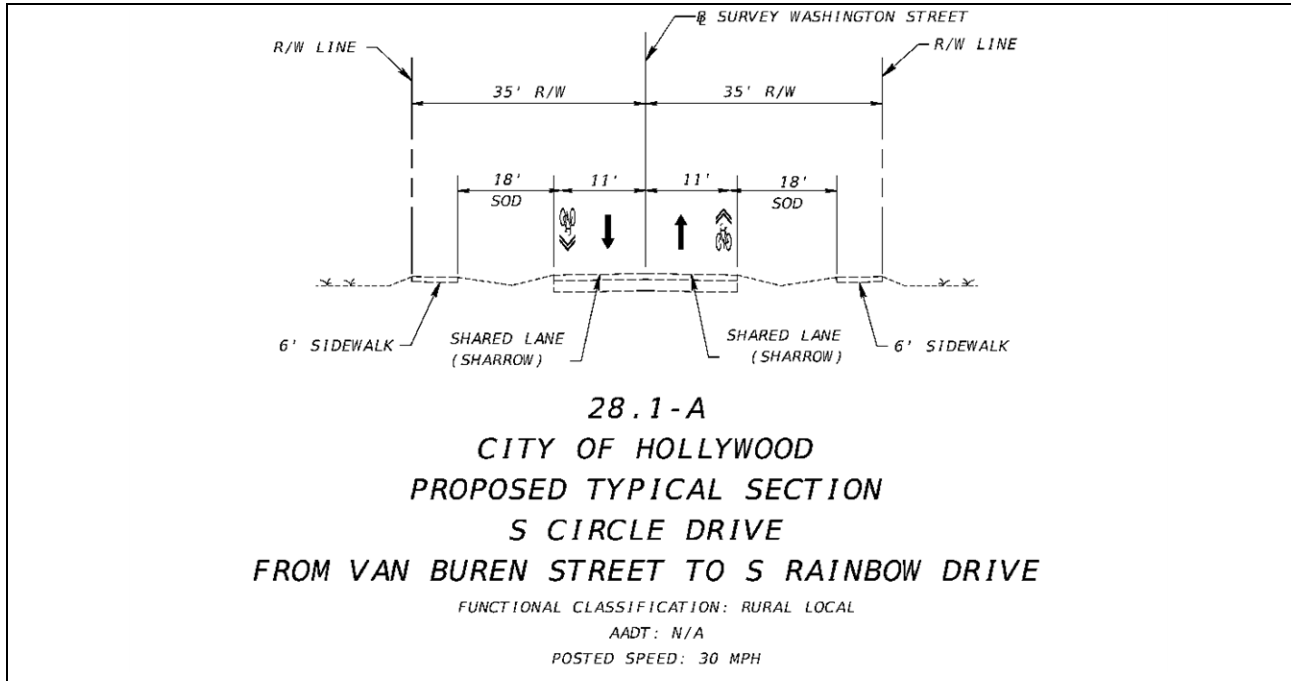
Analysis of Existing Conditions

Providing shared lane markings (sharrows) on South Circle Drive would serve as a connection between the Van Buren Street sharrows and South Rainbow Drive sharrows.

Recommendations

- a) Bicycle shared lane markings (sharrows) are recommended to provide connectivity between the sharrows on Van Buren Street and South Rainbow Drive sharrows.

Recommended Typical Sections



1.14. 16.1-A: Pedestrian Path on Sheridan Street 150-ft. East of N 66th Avenue (Hollywood)

Project Description

The project improvements consist of adding a pedestrian path connecting Sheridan Street and North 65th Way.

Project Location

The project is located in Section No. 86512500 on Sheridan Street at MP 1.755. Figure 3.24 below shows the project location.

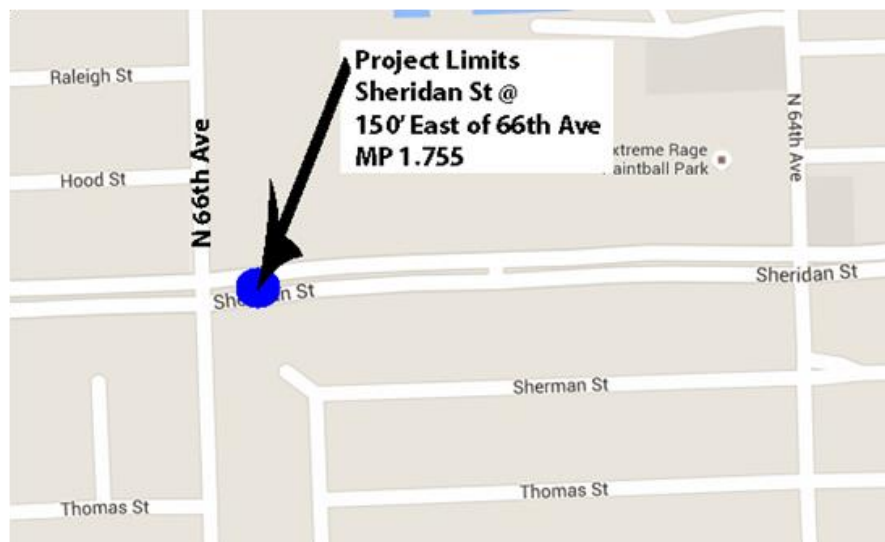


FIGURE: 3.24 LOCATION MAP

Analysis of Existing Conditions

While collecting field data, it was observed that both pedestrians and bicycles are using this route between North 65th Way and Sheridan Street. It was also observed that pedestrians are walking east-west from North 65th Way to North 66th Avenue. A Broward County bus stop (route 12) is located at the northern limit of the path on Sheridan Street.



Recommendations

- a) Provide a concrete pedestrian path connecting Sheridan Street and North 65th Way.