

RESOLUTION NO. 12-059

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF KEY WEST, FLORIDA, AUTHORIZING THE DESIGN OF A SIDEWALK ON THE NORTH SIDE OF SOUTH ROOSEVELT BLVD., USING UP TO SIX (6) FEET OF THE BRIDLE PATH, TO BE INCLUDED IN THE SOUTH ROOSEVELT BLVD. RECONSTRUCTION PROJECT; PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, in Resolution No. 06-073, the City Commission approved the reconstruction of 4,100 lf of South Roosevelt Blvd adjacent to Smathers Beach, including use of two (2) feet of the Bridle Path, for curbs and gutters, programmed for construction in 2016; and

WHEREAS, staff recommends the construction of sidewalks, with street lights, on the north side of South Roosevelt Blvd, which would require a total of eight (8) feet of the Bridle Path; and

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF KEY WEST, FLORIDA, AS FOLLOWS:

Section 1: That the City Commission hereby authorizes the design of a sidewalk on the north side of South Roosevelt Blvd, using up to six (6) feet of the bridle path, as part of the South Roosevelt Blvd. Reconstruction project.

Section 2: That this Resolution shall go into effect immediately upon its passage and adoption and authentication by the signature of the presiding officer and the Clerk of the Commission.

Passed and adopted by the City Commission at a meeting held this 7th day of February, 2012.

Authenticated by the presiding officer and Clerk of the Commission on February 8, 2012.

Filed with the Clerk February 8, 2012.


CRAIG CATES, MAYOR

ATTEST:


CHERYL SMITH, CITY CLERK



THE CITY OF KEY WEST

Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3700

TO: Jim Scholl, City Manager
E. David Fernandez, Asst. City Manager – Operations
Mark Finigan, Asst. City Manager - Administration

FROM: Doug Bradshaw, Senior Project Manager

DATE: January 18, 2012

SUBJECT: South Roosevelt Sidewalks: Design Direction

ACTION STATEMENT:

A resolution approving the construction of a sidewalk on the north side as a part of the South Roosevelt reconstruction project. Included in this work is the installation of two crosswalks. This resolution will permit the use of 6 feet of the Bridle Path for the installation of the sidewalks. The total encroachment into the Bridle Path will total 8 feet behind the existing curb and gutter.

BACKGROUND:

The design of the repairs of 4,100 lf of South Roosevelt adjacent to Smathers Beach is in the design phase with construction programmed for 2016. Resolution 06-073 permitted 2 feet of the Bridle Path to be used to install curbs and gutters. The current design calls for streetlights along the north-side which require an additional 5 feet of Bridle Path (7 feet behind the existing curb and gutter). City Staff is recommending that sidewalks be added to this project. Sidewalks will require an additional 6 feet of Bridle Path (8 feet behind the existing curb and gutter). As a part of this work, some existing palm trees will have to be relocated and landscaping will be modified. On "non-city/non-county" portions of the Bridle Path (Sheraton and Key West By the Sea) the city will have to obtain easement/titles to the property upon concurrence of the property owners.

The following standards concerning FDOT Sidewalks should be noted:

"The minimum width of a side walk shall be 5 feet on both curb and gutter and flush shoulder roadways. The minimum separation for a 5 foot sidewalk from the back of curb is 2 feet. If the sidewalk is located adjacent to the curb, the minimum width of sidewalk is 6 feet"

PURPOSE & JUSTIFICATION:

The installation of sidewalks and cross walks on the north-side of South Roosevelt Blvd will address significant safety issues with pedestrians crossing the roadway. Currently

M E M O R A N D U M

high pedestrian volumes are noted from the Sheraton Hotel and the Parking lot area. Sidewalks will enable them to walk to the appropriate crosswalk.

OPTIONS:

There are three (3) options:

1. Leave the current design of street lights only and allow an additional 5 feet of Bridle Path be committed to the project. Encroachment into the Bridle Path will be 7 feet behind the existing curb and gutter.
2. Modify the current design and install sidewalks along with streetlights on the north side. An additional 6 feet of Bridle Path will be required. Encroachment into the Bridle will be 8 feet behind the existing curb and gutter.
3. Do not install sidewalks or street lights on the north side of South Roosevelt Blvd. All streetlights will be located on the South sided. Encroachment into the Bridle Path will be the 2 foot already approved under Resolution 06-073

FINANCIAL IMPACT:

Design of this project is funded under a \$596,940 dollar Lap Grant and the current plans are 90% complete. These changes will be covered under the Lap Grant.

RECOMMENDATION:

Staff recommends that option (2) be approved.

RESOLUTION NO 06-073

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF KEY WEST, FLORIDA, AUTHORIZING THE USE OF TWO FEET OF THE BRIDLE PATH AND TWO FEET OF THE PROMENADE IN ORDER TO EXPAND EXISTING TRAVEL LANES ALONG SOUTH ROOSEVELT BOULEVARD, PROVIDING FOR AN EFFECTIVE DATE

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF KEY WEST, FLORIDA, AS FOLLOWS

Section 1 That the use of two feet of the Bridle Path and two feet of the Promenade is hereby authorized in order to expand existing travel lanes

Section 2 That this Resolution shall go into effect immediately upon its passage and adoption and authentication by the signature of the presiding officer and the Clerk of the Commission

Passed and adopted by the City Commission at a meeting held this 22 day of February, 2006

Authenticated by the presiding officer and Clerk of the Commission on February 23, 2006


Filed with the Clerk February 23, 2006


MORGAN MCPHERSON, MAYOR

ATTEST


CHERYL SMITH, CITY CLERK



To. Julio Arael, City Manager
From Roland Flowers, P E , and City Engineer 
Date February 14, 2006
Subject Resolution authorizing the use of up to 2' of the bndle path and 2 feet of the promenade for reconstruction of South Roosevelt Boulevard

ACTION STATEMENT

Approve the use of up to 2 feet of the Bndle path and 2 feet of the promenade on South Roosevelt Boulevard to expand the existing travel lanes

STRATEGIC PLAN/BUSINESS PLAN

The City's strategic plan has two elements that are addressed by reconstructing South Roosevelt Boulevard The infrastructure and Mobility components with Key Intended Outcomes of improving our city's ADA accessibility, improving the safety our city sidewalks and streets thereby lowering number of lawsuits against the city and increased bicycle and pedestrian usage

BACKGROUND

The City of Key West and the Florida Department of Transportation (FDOT) are in the final planning stages for the South Roosevelt Project FDOT plans are complete and their project is currently under construction At issue is the required width needed to construct the proposed typical section In order to have the required width for a new four lane road, one parking lane with new curbs and gutters on South Roosevelt Boulevard, an additional four feet of right-of-way is needed To acquire the extra footage Engineering Services and the City's consultant (Sanchez-Zeinali & Associates) are recommending using 2 feet of the Bndle path and 2 feet of the promenade On February 10, 2006 I hosted a community meeting in conjunction with the City's' consultant to review the proposal with the residents and businesses along the affected corrdor as well as any interested parties Approximately 70 people attended the meeting including Commissioner Kohlage and Assistant City Manager John Jones and the general consensus was that using 2 feet of the bndle path and 2 feet of the promenade to obtain the necessary road widths was not an issue Three other items the City's' consultant has been directed to review, as a result of the meeting, are the geometry and safety at the intersection of A1A and Bertha Street, the possibility of crosswalks at Key West by the Sea and Sheraton Suites and traffic calming devices

Options

- 1 Maintain the existing full width of the promenade (approximately 18') This will require that the location of the curb and gutter for the South bound lanes be moved up to 4' to the North

Advantages/Disadvantages

- 1 Cutting back the bridle path will keep the promenade at its existing 18' width, reducing any safety problems with pedestrians, bicyclists, joggers and roller bladders
 - 2 The disadvantage is it will impact a lot of trees on the North side of the road and it will bring the remaining trees closer to the edge of pavement
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- 2 Leave the curb and gutter on the North side of the South bound lanes in its existing location (City's right-of-way) and reducing the width of the promenade between 2' and 4' to fit the proposed typical section. The width of the new promenade will be about 14' to 16' wide

Advantages/Disadvantages

- 1 This will have no impact to the existing trees on the North side of the road
- 2 The disadvantage is this will change the width of the promenade from 18' to between 14' and 16'

- 3 Provide a 16' wide promenade to match the project north of our section. This will require the location of the curb and gutter for the South bound lanes be moved about 2' to the North towards the bridle path

Advantages/Disadvantages

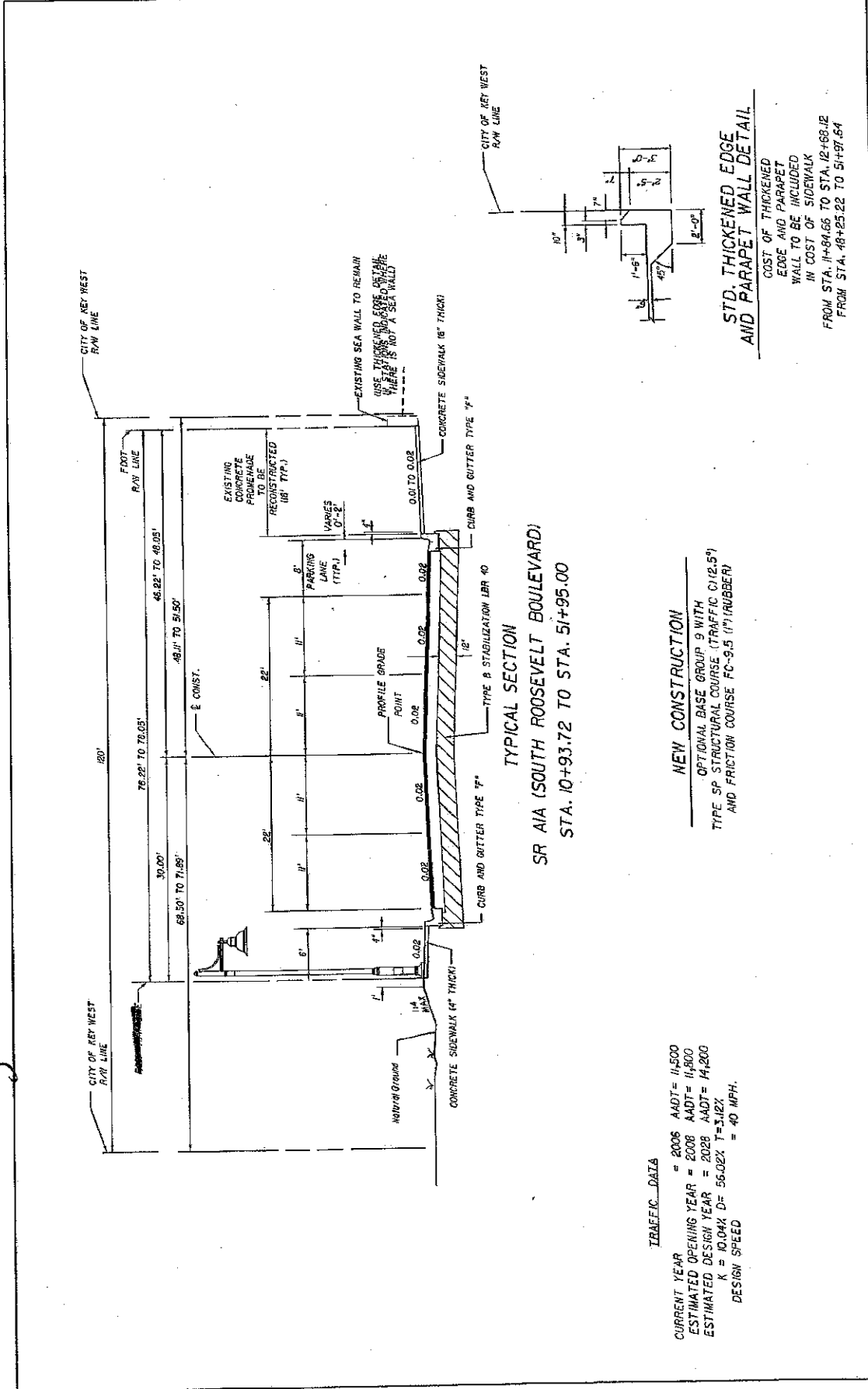
- 1 The expected impact to the trees on the West side of the street will be minimal. Any trees impacted will be relocated
- 2 The disadvantage is the promenade will be reduced up to 2 feet in width

Financial Issues

There are no financial issues. The South Roosevelt Project is funded with a Local Agency Program (LAP) agreement through the Florida Department of Transportation (FDOT)

Recommendation

Option 3 authorizing the use of up to 2' of the bridle path and 2 feet of the promenade for reconstruction of South Roosevelt Boulevard



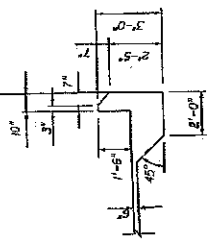
TYPICAL SECTION

SR A1A (SOUTH ROOSEVELT BOULEVARD)
 STA. 10+93.72 TO STA. 51+95.00

NEW CONSTRUCTION
 OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C1(2.5')
 AND FRICTION COURSE FC-S-9.5 (1") (RUBBER)

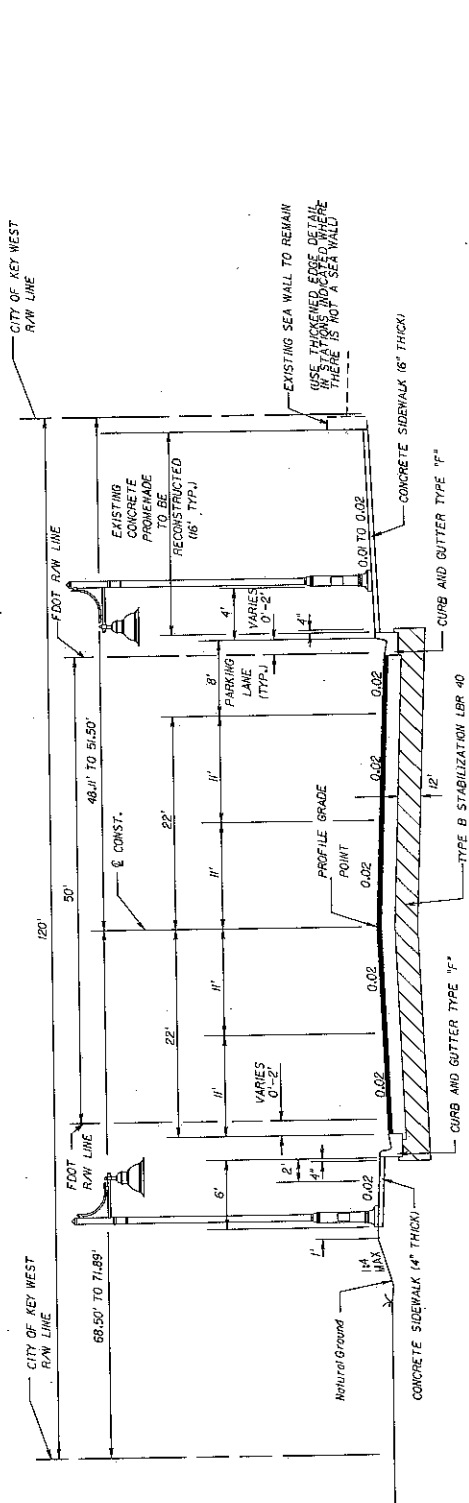
**STD. THICKENED EDGE
 AND PARAPET WALL DETAIL.**

COST OF THICKENED
 EDGE AND PARAPET
 WALL TO BE INCLUDED
 IN COST OF SIDEWALK
 FROM STA. 11+84.66 TO STA. 12+68.12
 FROM STA. 48+25.22 TO 51+97.64



TRAFFIC DATA
 CURRENT YEAR = 2006 AADT = 11,500
 ESTIMATED OPENING YEAR = 2008 AADT = 11,500
 ESTIMATED DESIGN YEAR = 2028 AADT = 14,200
 K = 10.04% D = 56.02% T = 3.12%
 DESIGN SPEED = 40 MPH.

SHEET NO. 9	
TYPICAL SECTION	
CITY OF KEY WEST PUBLIC WORKS DEPARTMENT	FINANCIAL PROJECT ID 2505-48-4
COUNTY MONROE	ROAD NO. SR A1A
PROJECT NO. 11-00000000000000000000	DATE 11/11/2006
DESIGNER S & A	DATE 11/11/2006
DATE 11/11/2006	DATE 11/11/2006



TYPICAL SECTION

SR A1A (SOUTH ROOSEVELT BOULEVARD)
 STA. 10+93.72 TO STA. 51+95.00

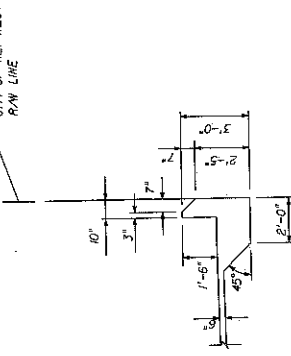
TRAFFIC DATA

CURRENT YEAR = 2006 AADT= 11,500
 ESTIMATED OPENING YEAR = 2008 AADT= 11,800
 ESTIMATED DESIGN YEAR = 2028 AADT= 14,200
 K = 10.04% D= 56.02% T=3.12%
 DESIGN SPEED = 40 MPH.

NEW CONSTRUCTION

OPTIONAL BASE GROUP 9 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C(12.5\"/>

**STD. THICKENED EDGE
 AND PARAPET WALL DETAIL**



COST OF THICKENED
 EDGE AND PARAPET
 WALL TO BE INCLUDED
 IN COST OF SIDEWALK
 FROM STA. 11+84+66 TO STA. 12+68+12
 FROM STA. 48+25+22 TO 51+97+64

REVISIONS		DESCRIPTION		DATE		BY	

CITY OF KEY WEST PUBLIC WORKS DEPARTMENT		CITY OF KEY WEST PUBLIC WORKS DEPARTMENT	
SR A1A	MONROE	SR A1A	MONROE
2505-48-4	2505-48-4	2505-48-4	2505-48-4

S Z & A		S Z & A	
SANGHVI, ZUNIL & ASSOCIATES REGISTERED PROFESSIONAL ENGINEERS 1805 E. FLORIDA AVENUE MIAMI, FLORIDA 33132 PH: 305-371-1187 FAX: 305-371-1188 WWW.SZ&A.COM		SANGHVI, ZUNIL & ASSOCIATES REGISTERED PROFESSIONAL ENGINEERS 1805 E. FLORIDA AVENUE MIAMI, FLORIDA 33132 PH: 305-371-1187 FAX: 305-371-1188 WWW.SZ&A.COM	

ALTERNATIVE DESIGN SIDEWALK ON NORTH SIDE LIGHTS ON BOTH SIDES OF ROAD		ALTERNATIVE DESIGN SIDEWALK ON NORTH SIDE LIGHTS ON BOTH SIDES OF ROAD	
1/2/2008		1/2/2008	
SHEET NO. 9		SHEET NO. 9	

