

# SR 52 PD&E STUDY REEVALUATION

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Florida Department of Transportation  
Project Development and Environment (PD&E) Study Reevaluation

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## **FINAL Reevaluation Working Paper**

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### **SR 52 PD&E STUDY REEVALUATION**

**From Moon Lake Road to US 41 (SR 45)  
Pasco County, Florida**

W.P.I. Segment No.: 256243 1

F.A.P. No.: 1851-108

**Florida Department  
of Transportation**  
District Seven  
Tampa, Florida



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April 2002

Florida Department of Transportation

**PROJECT REEVALUATION  
Working Paper**

**I. GENERAL INFORMATION** (originally approved document)

- a. Reevaluation Phase: Design Change
- b. Document Type and Date of Approval: EA/FONSI July 13, 1988
- c. Project Numbers: 256243 1 1851-108  
(If applicable) Financial Project Federal Aid
- d. Project Local Name, Location and Limits: SR 52 from US 19 to I-75, Pasco County, FL
- e. Segments of Highway Being Advanced: From Moon Lake Road to the Suncoast Parkway f. Name of Anal

**II. CONCLUSION AND RECOMMENDATION**

The above environmental document has been reevaluated as required by 23 CFR 771 or the Project Development and Environment Manual of the FDOT, and it was determined that no substantial changes have occurred in the social, economic, or environmental effects of the proposed action that would significantly affect the quality of the human environment. Therefore, the original Administrative Action remains valid.

It is recommended that the project identified herein be advanced to the next phase of project development.

**REVIEWER SIGNATURE BLOCK**

\_\_\_\_\_  
District Environmental Manager

\_\_\_ / \_\_\_ / \_\_\_  
Date

**III. FHWA CONCURRENCE BLOCK**

\_\_\_\_\_  
Federal Highway Administration, Division Administrator

\_\_\_ / \_\_\_ / \_\_\_  
Date

**IV. CHANGES IN IMPACT STATUS OR DOCUMENT COMPLIANCE**

	<b>YES / NO</b>		<b>COMMENTS</b>
<b>A. SOCIAL IMPACTS</b>			
1. Land Use Changes	[ ]	[ x ]	<u>See Attachment A</u>
2. Community Cohesion	[ ]	[ x ]	<u>See Attachment A</u>
3. Relocation Potential	[X]	[ ]	<u>See Attachment A</u>
4. Community Services	[ ]	[ x ]	<u>See Attachment A</u>
5. Title VI Considerations	[ ]	[ x ]	<u>See Attachment A</u>
6. Controversy Potential	[ ]	[ x ]	<u>See Attachment A</u>
7. Utilities and Railroads	[X]	[ ]	<u>See Attachment A</u>
<b>B. CULTURAL IMPACTS</b>			
1. Section 4(f) Lands	[ ]	[ x ]	<u>See Attachment A</u>
2. Historic Sites / Districts	[ ]	[ x ]	<u>See Attachment A</u>
3. Archaeological Sites	[ ]	[ x ]	<u>See Attachment A</u>
4. Recreation Areas	[ ]	[ x ]	<u>See Attachment A</u>
5. Pedestrian / Bicycle Facilities	[ ]	[ x ]	<u>See Attachment A</u>
<b>C. NATURAL ENVIRONMENT</b>			
1. Wetlands	[ ]	[ x ]	<u>See Attachment A</u>
2. Aquatic Preserves	[ ]	[ x ]	<u>See Attachment A</u>
3. Water Quality	[ ]	[ x ]	<u>See Attachment A</u>
4. Outstanding Florida Waters	[ ]	[ x ]	<u>See Attachment A</u>
5. Wild and Scenic Rivers	[ ]	[ x ]	<u>See Attachment A</u>
6. Floodplains	[ ]	[ x ]	<u>See Attachment A</u>
7. Coastal Zone Consistency	[ ]	[ x ]	<u>See Attachment A</u>
8. Coastal Barrier Islands	[ ]	[ x ]	<u>See Attachment A</u>
9. Wildlife and Habitat	[ ]	[ x ]	<u>See Attachment A</u>
10. Farmlands	[ ]	[ x ]	<u>See Attachment A</u>
11. Visual / Aesthetics	[ ]	[ x ]	<u>See Attachment A</u>
<b>D. PHYSICAL IMPACTS</b>			
1. Noise	[ ]	[ x ]	<u>See Attachment A</u>
2. Air	[ ]	[ x ]	<u>See Attachment A</u>
3. Construction	[ ]	[ x ]	<u>See Attachment A</u>
4. Contamination	[ ]	[ x ]	<u>See Attachment A</u>
5. Navigation	[ ]	[ x ]	<u>See Attachment A</u>

## **CORRIDOR PROJECTS STATUS UPDATE**

The approved EA/FONSI was divided into the following projects:

1. Financial Project Number: 256316 1  
Federal Aid Project Number: 1851-108  
Project Limits: US 19 to Hicks Road, Hicks Road to Moon Lake Road  
Current Status: Roadway was upgraded from a two-lane to a six-lane facility.
  
2. Financial Project Number: 256322 1  
Federal Aid Project Number: 1851-108  
Project Limits: From Moon Lake Road to the Suncoast Parkway  
Current Status: This segment is the first of two segments being studied by this reevaluation, currently under design.
  
3. Financial Project Number: 256243 1  
Federal Aid Project Number: 1851-108  
Project Limits: From the Suncoast Parkway to US 41.  
Current Status: This segment is the second of two segments being studied by this reevaluation
  
4. Financial Project Number: Not assigned as not in work program  
Federal Aid Project Number: To be determined  
Project Limits: From US 41 to I-75  
Current Status: Not in 5 year adopted work program

## **V. EVALUATION OF MAJOR DESIGN CHANGES AND REVISED DESIGN CRITERIA**

### **Need for Project**

Due to an increase in projected traffic and changes in future land use, a six-lane typical section is now required. This typical section will also ensure consistency with the proposed 2025 Long Range Transportation Plan. Existing traffic volumes range from, 16,700 AADT from Moon Lake Road to Hays Road, to 18,700 AADT from Shady Hills Drive to US 41. By 2025, traffic is projected to increase to 34,000 AADT from Moon Lake Road to Hays Road, and to 47,100 AADT between Shady Hills Drive to US 41. Both of which are below the Level of Service threshold for a 4-lane divided facility according to the Department's LOS Manual (Table 5-5).

### **Typical Section**

The proposed typical section will change from a four-lane rural divided to a six-lane urban divided typical section. It would provide a 22-foot median separating three 12-foot lanes for each direction of travel. Four-foot bike lanes and 5-foot sidewalks would be provided on each side of the facility. The total right-of-way width for this typical section is 156 feet, which is 56 feet less than that required by the previously approved study. The proposed typical section is provided in Figure 1.

### **Alignment**

The alignment for the proposed improvements will be generally consistent with the alignment proposed in the 1988 PD&E study. However, a deviation from that alignment would be necessary in the segment from the Suncoast Parkway to Kent Grove Drive to avoid a new, major gas line located on the south side of the roadway. The proposed alignment is depicted on the concept plans provided in Appendix A.

# SR 52 PD&E Study Reevaluation

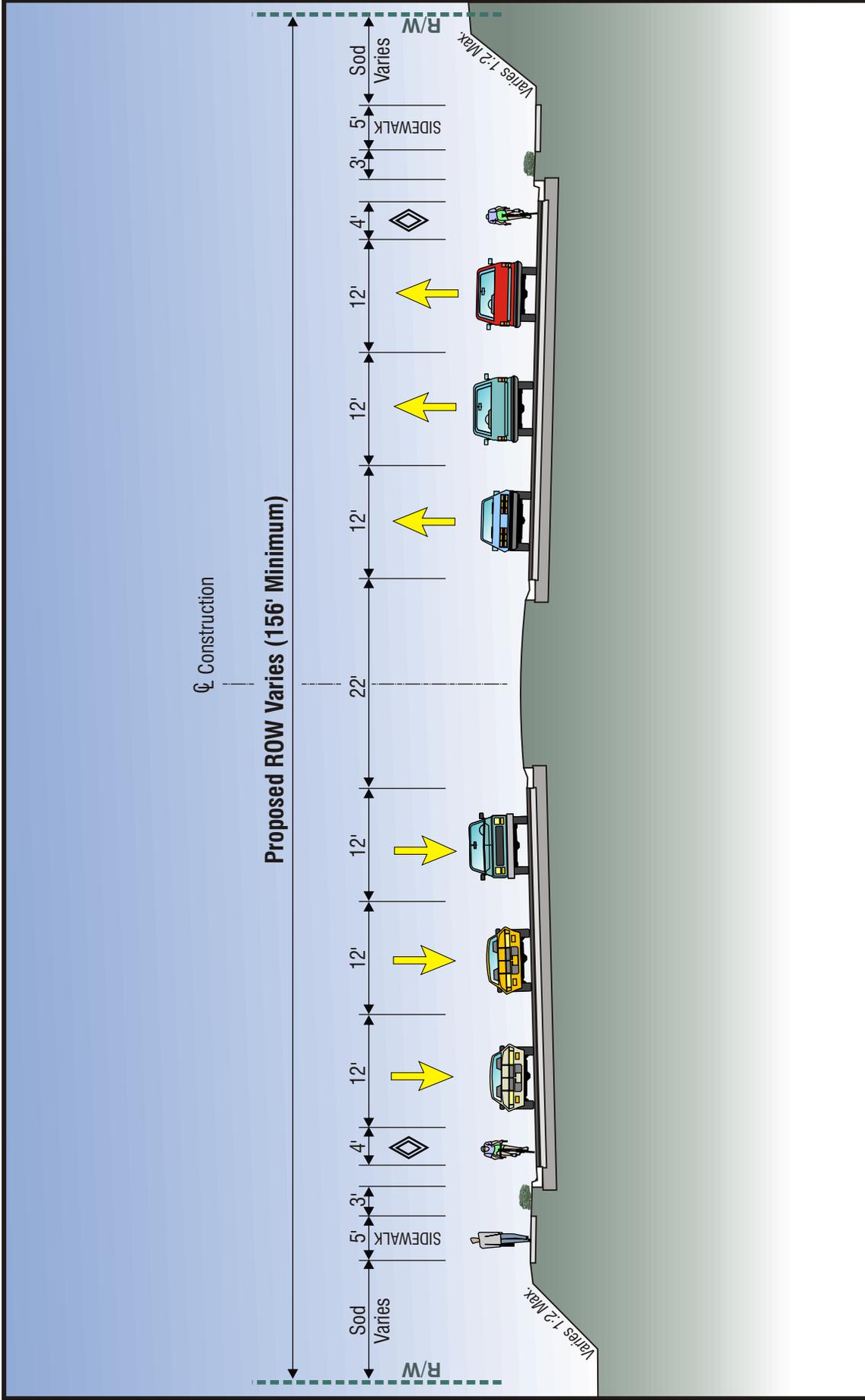


FIGURE  
1

## PROPOSED SIX-LANE TYPICAL SECTION



**From Moon Lake Road  
 to US 41 (SR 45)**  
 W.P.I. Segment No. 256243 1/FAP No. 1851-108

## Design Criteria

The design criteria used for the project are shown in the table below.

**Table 1  
Roadway Design Criteria**

Design Criteria	Design Standard	Source: FDOT P.P.M. (Chapter 2)
<b>TYPE OF HIGHWAY</b>	Major Urban Arterial	
<b>DESIGN SPEED</b>	45 mph	
<b>HORIZONTAL ALIGNMENT</b>		
Max. Curvature	8E15'00"	Table 2.8.3
Border Width	12-foot bike lanes at curb	Table 2.5.2
Clear Zone	4 feet from face of outside curb	Section 2.11
Max. Superelevation	5%	Table 2.9.2
Max. Deflection w/o a curve	1E00'00"	Table 2.8.1a
Horizontal Curve Length	675 feet desirable, 400 feet minimum	Table 2.8.2a
Maximum Curvature for Curves (without Superelevation)	2E45'00"	Table 2.9.2
<b>VERTICAL ALIGNMENT</b>		
K Value Crest Vertical Curve	90	Table 2.8.5
Minimum Length (crest)	Not Applicable	Table 2.8.5
K Value for Vertical Curve (sag)	80	Table 2.8.6
Minimum Length (sag)	Not Applicable	Table 2.8.6
Maximum Grade	7%	Table 2.6.1
Maximum Change in Grade without Vertical Curve	0.70%	Table 2.6.2
Vertical Clearance (over roadway)	16 feet 6 inches	Table 2.10.1
Vertical Clearance (over railroad)	23 feet 6 inches	Table 2.10.1
<b>SIGHT DISTANCE</b>		
Minimum Stopping	350 feet	Table 2.7.1
<b>ROADWAY ELEMENTS</b>		
No. Through Lanes	4 Lanes (2 in each direction)	
Lane Width	12 feet	Table 2.1.1
Median Width	22 feet	Table 2.2.1
Clearance above Design High Water	1.0 feet	Table 2.6.3
Inside and Outside Shoulders	N/A (Curb and Gutter)	

## **VI. MITIGATION STATUS AND COMMITMENT COMPLIANCE**

### **COMMITMENTS**

#### **1. Community Impacts—Sensitive Wildlife Species**

Gopher tortoises occupy xeric community types with well drained soils within the proposed right-of-way. To lessen the impact to the tortoises in the area, a thorough field survey will be conducted prior to clearing activities.

If numerous active burrows are found within the proposed right-of-way, a coordinated effort with the Florida Game and Freshwater Fish Commission (FGFWFC) (now known as the Florida Fish and Wildlife Conservation Commission (FFWCC)) will be made to relocate tortoises.

The Florida pine snake and short-tailed snake live in xeric communities and possibly within the project corridor. To lessen the impacts on the pine snake and the short-tailed snake, the contractor will be advised on the State of Florida's listed status and the legal protection of these snakes. The contractor will be instructed prior to construction activities that any snakes encountered during construction must be relocated unharmed.

Status: This commitment is still valid and will be adhered to by the contractor during construction activities.

#### **2. To minimize total wetland loss, selective clearing and grubbing will be implemented during construction.**

Status: This commitment will be addressed in the project's construction related contract and plans.

#### **3. FDOT will continue to coordinate with the Southwest District office of DER and SWFWMD throughout the development of the project's stormwater management plan to ensure that the final drainage design will be in compliance with Chapter 17-25, FAC, the Stormwater Rule.**

Status: This commitment is still valid. The FDOT will continue its coordination with DEP (formally DER) and SWFWMD.

#### **4. Drainage structures along SR 52 will be reevaluated during final drainage design.**

Status: This commitment is still valid.

#### **5. To minimize the unavoidable effects of right-of-way acquisition and displacement of people, FDOT will carry out a right-of-way and relocation program in accordance with Chapter 339.09, FS and the Uniform Relocation Assistance and Real Property Acquisition Act of 1970 (Public Law 91-646).**

Status: This commitment is still valid.

#### **6. All hazardous waste sites identified, as well as any additional sites, which become established or are discovered in the interim, will be assessed at each of the reevaluation phases. Prior to right-of-way acquisition, appropriate action will be taken to initiate resolution of contamination problems.**

Status: Potential contamination sites were evaluated during this reevaluation. Contamination concerns will be addressed and are anticipated to be resolved prior to right-of-way acquisition.

7. Traffic flow will be maintained on the existing facility during construction. Access to all businesses and residences will be maintained.

Status: This commitment is still valid.

8. A copy of the final noise report will be sent to appropriate local officials for their use in zoning and set-back requirements.

Status: This commitment is still valid.

9. Early and close coordination will be initiated with utility companies prior to construction of relocated/renovated facilities.

Status: This commitment is still valid.

10. Accommodations for bicycles and pedestrians will be incorporated into the proposed SR 52 design. In the rural section (Moon Lake Road to I-75), 4 feet of the proposed 10-foot outside shoulder will be paved to accommodate bicycle traffic. Since the rural section is generally undeveloped, sidewalks were not included in this section.

Status: Accommodations for bicycles and pedestrians will be incorporated into the proposed SR 52 design. Due to the change to an urban typical section, 4-foot bicycle lanes and 5-foot sidewalks are being provided on each side of the roadway.

## **VI. PERMITS STATUS**

All required permits would be obtained prior to the construction phase of the SR 52 six-lane widening.

**ATTACHMENT “A”**  
**Reevaluation of SR 52, from Moon Lake Road to US 41, Pasco County**

**A SOCIAL IMPACTS**

Land Use: No effect.

Status: There has been no change in status.

Community Cohesion: No effect.

Status: There has been no change in status.

Relocation Potential: The originally approved EA/FONSI listed four residential and six business relocations within the segment covered by this reevaluation.

Status: The number of residential relocations would remain the same. The number of business relocations would be reduced from six to four. The change in the number of estimated relocations was possible because of the reduced right-of-way required for the urban typical section.

Churches and Schools: No churches or schools were listed as being affected in the EA/FONSI by the proposed improvements.

Status: There has been no change in status.

Title VI Consideration: The approved EA/FONSI stated that this project has been developed in accordance with the Civil Rights Act of 1964, as amended by the Civil Rights Act of 1968.

Status: There has been no change in status.

Controversy Potential: Minimal impacts. The approved EA/FONSI stated that a public involvement plan was developed as an integral part of this project. A public information workshop was held on June 19, 1986 and was attended by 156 people, including nine public officials. Participants were generally in favor of the upgrading. No controversial comments were received. A public hearing was held on Tuesday, December 15, 1987 at which time representatives from local, county, and state agencies, along with residents were asked to review and comment on the proposed improvements. Approximately 138 persons attended the Hearing. No substantial objections were voiced by the general public at the public hearing.

Status: A formal Public Hearing was held on December 11, 2001 at New Beginnings Rock Church (formerly the Mission Outreach Church and Meadow Oaks Community Church) 12306 State Road 52, in Hudson, Florida from 4:30 p.m. to 7:30 p.m. The Hearing was held to present the results of the Reevaluation and to give the public the opportunity to express their views concerning the conceptual design and social, economic, and environmental effects of the proposed improvements. The support documents for the Reevaluation were made available for

public review prior to and after the Public Hearing beginning November 21, 2001 through December 21, 2001 at the Hudson Regional Library, 8012 Library Road in Hudson, Florida.

Approximately 75 persons signed the attendance sheets at the Hearing. Sixteen written responses were received, three people gave oral statements to court reporter during the informal portion and ten people gave statements during the formal portion of the Hearing. Project documents displayed at the Hearing included the Reevaluation document, Noise Study Report, Pond Siting Report and Cultural Resources Report. No substantial objections were voiced or received by the general public during the public hearing or the comment period.

Utilities and Railroads: The approved EA/FONSI indicated that there are numerous utilities within the project corridor. A CSX railroad line crosses SR 52 approximately 1 mile west of US 41

Status: There have been no changes to the railroad. In the segment from the Suncoast Parkway to Kent Grove Drive, a new, major gas line has been constructed on the south side of the roadway. The alignment has been shifted to avoid the gas line.

## **B. CULTURAL IMPACTS**

Section 4(f) Lands: No impact.

Status: There has been no change in status.

Historic Sites/Districts: A Cultural Resource Assessment Survey (CRAS) was performed to locate and identify any cultural resources within the project Area of Potential Effect (APE) and to assess their significance in terms of eligibility for listing in the National Register of Historic Places (NRHP). The CRAS was sent to the State Historic Preservation Officer (SHPO) of the Department of Historical Resources for review and comment. The Federal Highway Administration (FHWA), after consultation with the SHPO, has determined that no resources are listed, or eligible for listing on the NRHP.

Status: The historical resources survey resulted in the recording of six historic structures (8PA1348-1353) along the SR 52 PD&E Study Reevaluation corridor. None are associated with any of the 16 proposed ponds of FPC areas. These six historic structures do not appear to be potentially eligible for listing in the NRHP. Coordination with SHPO is continuing and concurrence is expected.

Archeological Sites: The CRAS also identified any archaeological sites within the project impact zone and assessed their significance in terms of eligibility for listing in the NRHP. The CRAS was sent to the SHPO for review and comment. FHWA, after consultation with the SHPO, has determined that no resources are listed, or eligible for listing on the NRHP.

Status: The archaeological survey resulted in the identification of three previously recorded archaeological sites (8PA425, 8PA427, and 8PA429) and two archaeological occurrences. The three sites are associated with proposed Ponds 1A, 2A, and 5b, and the two archaeological occurrences are associated with proposed Pond 300c and FPC 300-1. No new archaeological sites were discovered. None of the three archaeological sites or occurrences is determined to be potentially eligible for listing in the NRHP. Coordination with SHPO is continuing and concurrence is expected

Recreation Areas: No impact

Status: There has been no change in status.

Pedestrian/Bicycle Facilities: The proposed rural typical section in the FONSI would not provide for pedestrians. Four feet of the 10-foot shoulder would be paved to accommodate bicyclists.

Status: The proposed urban typical section would provide 4-foot bicycle lanes and 5-foot sidewalks on each side of the facility.

### **C. NATURAL ENVIRONMENT**

Wetland Impacts: In accordance with Executive Order 11990, a Wetland Evaluation Technique (WET 2.1) analysis was conducted to assess wetland functions and values. The project will be designed to minimize wetland impacts to the greatest degree possible. Also, in accordance with FDOT's Standard Specifications for Road and Bridge Construction, all Best Management Practices (BMP) will be adhered to during the construction phase of the project. Since the EA/FONSI did not divide the project into segments, a comparison of wetland impacts between the original proposed action and that currently being proposed cannot be accomplished.

Status: Wetlands will be impacted by the proposed SR 52 improvements. Impacts will occur to freshwater marshes, isolated freshwater swamps, and forested sloughs. The estimated wetland impacts resulting from the improvements will be roughly 2.9 acres. These numbers were generated from the conceptual uncontrolled aerials.

Assuming the project is mitigated through F.S. 373.4137, the 2001/2002 mitigation cost per acre of wetland impact is \$82,281.

Water Quality: The approved EA/FONSI indicated that a stormwater facility would include, at a minimum, the water quality requirements for water quality impacts as required by the Southwest Florida Water Management District (SWFWMD) Rules 40D-4 and 40D-40. Therefore no further mitigation will be required. Stormwater will be treated as required by the SWFWMD.

Status: There has been no change in status.

Floodplains Impacts: Floodplains delineated by the Federal Emergency Management Agency (FEMA) within the project corridor were evaluated in accordance with Executive Order 11988, FHWA Program Manual (FHPM) 6-7-3(2), Paragraph 7, as well as Chapter 24 of the FDOT PD&E Manual. It was determined that there is no practical alternative to construction within the floodplain. There will be no longitudinal encroachments of involvement with any designated floodways.

Status: The reduction in right-of-way required will reduce floodplain impacts. Impacts to the 100-year floodplain will be mitigated using the construction of floodplain compensation areas.

Coastal Zone Consistency: No impact

Status: In their response letter to the Advance Notification for the project the Department of Community Affairs stated that the Department of Environmental Protection notes that the project appears to be consistent with its authorities in the Florida Coastal Management Program.

Wildlife and Habitat: In compliance with the Endangered Species Act of 1973 and amendments thereto, the proposed improvements were evaluated for impacts of floral and faunal species classified by the U.S. Fish and Wildlife Service (FWS) as threatened or endangered. It was determined by FHWA, after consultation with FWS, that the project as proposed would have no effect on any threatened or endangered species.

Status: The project corridor was surveyed for the presence of listed threatened or endangered species by staff biologists. Appropriate survey methodologies were employed in the various habitats present along the study corridor. The results of the surveys indicated that no federally protected threatened or endangered species would be adversely affected by the proposed improvements. Coordination with the U.S. Fish and Wildlife Service will be initiated prior to the permitting phase and a no effect determination is anticipated.

Visual/Aesthetics: No impact

Status: There has been no change in status.

#### **D. PHYSICAL IMPACTS**

Noise Impacts: The build alternative noise levels were predicted to approach or exceed the FHWA Noise Abatement Criteria at 15 residences situated south of SR 52, across from Coon Hide Road. It was determined that the placement of a noise barrier was not feasible since it would limit access to the residences.

Status: The 2025 Build alternative noise levels are predicted to approach or exceed the FHWA Noise Abatement Criteria at 19 residences adjacent to the segment of SR 52 from Quail Ridge Drive to US 41. The feasibility and reasonableness of noise barriers were evaluated for these residences. The placement of barriers along this segment is not feasible since it would limit the access to the residences. A noise barrier was evaluated at the Pine Ridge subdivision based on public hearing comments. A noise wall at this location would not achieve a five-decibel decrease in noise levels and would interfere with line of sight requirements. There has been no change in status.

Air Quality: In accordance with 23 CFR 770, an assessment of the probable impact of the proposed action on local air quality was conducted. The results of the air quality analysis indicated that the proposed action will not result in a violation of the National Ambient Air Quality Standards.

Status: The project was subjected to a graphical Screening Test to determine air quality impacts. The results indicated that the project would not have a significant impact on air quality for the build alternative. There has been no change in status.

Construction: The approved document addressed air, noise, water quality, maintenance of traffic, and community considerations associated with construction activity. The Department has agreed to minimize possible construction impacts by following BMP during the construction phase.

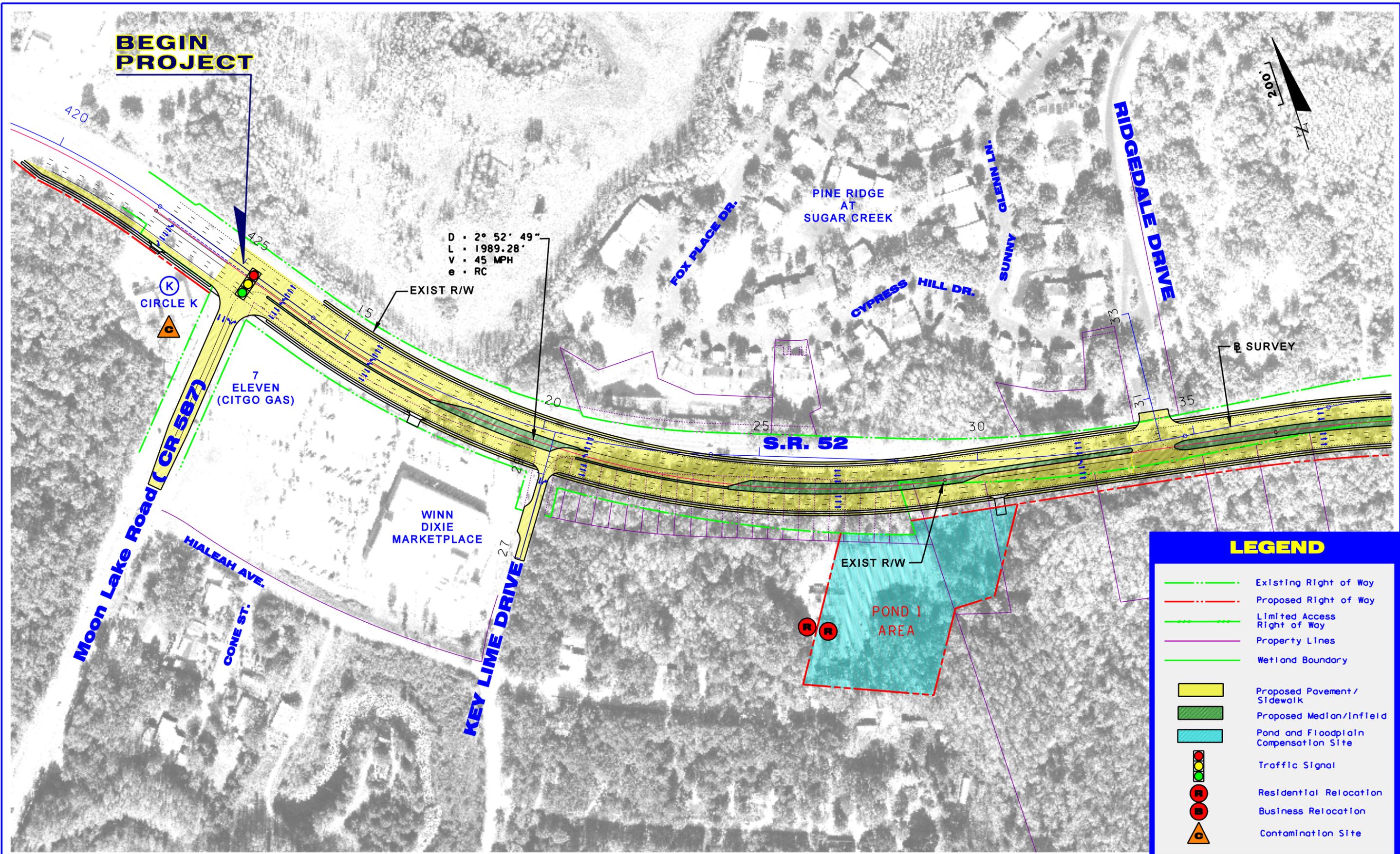
Status: There has been no change in status.

Contamination: The project was evaluated for potential hazardous waste involvement in the area where additional right-of-way will be taken. No large regionally important sites were found. Two sites were identified within the reevaluation segment with underground fuel tanks or other areas of known or possible contamination within the proposed right-of-way.

Status: The contamination screening reevaluation identified 10 sites within the study limits as possible having the potential for contamination. Of the 10, two were ranked high, and four were ranked medium. The Department will conduct further environmental assessments prior to the construction phase for these sites. There has been no change in status.

APPENDIX A  
CONCEPT PLANS

**BEGIN PROJECT**



D • 2° 52' 49"  
 L • 1989.28'  
 V • 45 MPH  
 e • RC

**LEGEND**

- Existing Right of Way
- Proposed Right of Way
- Limited Access Right of Way
- Property Lines
- Wetland Boundary
- Proposed Pavement/ Sidewalk
- Proposed Median/Infield
- Pond and Floodplain Compensation Site
- Traffic Signal
- Residential Relocation
- Business Relocation
- Contamination Site

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 PLOT DATE: 05/24/2005

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

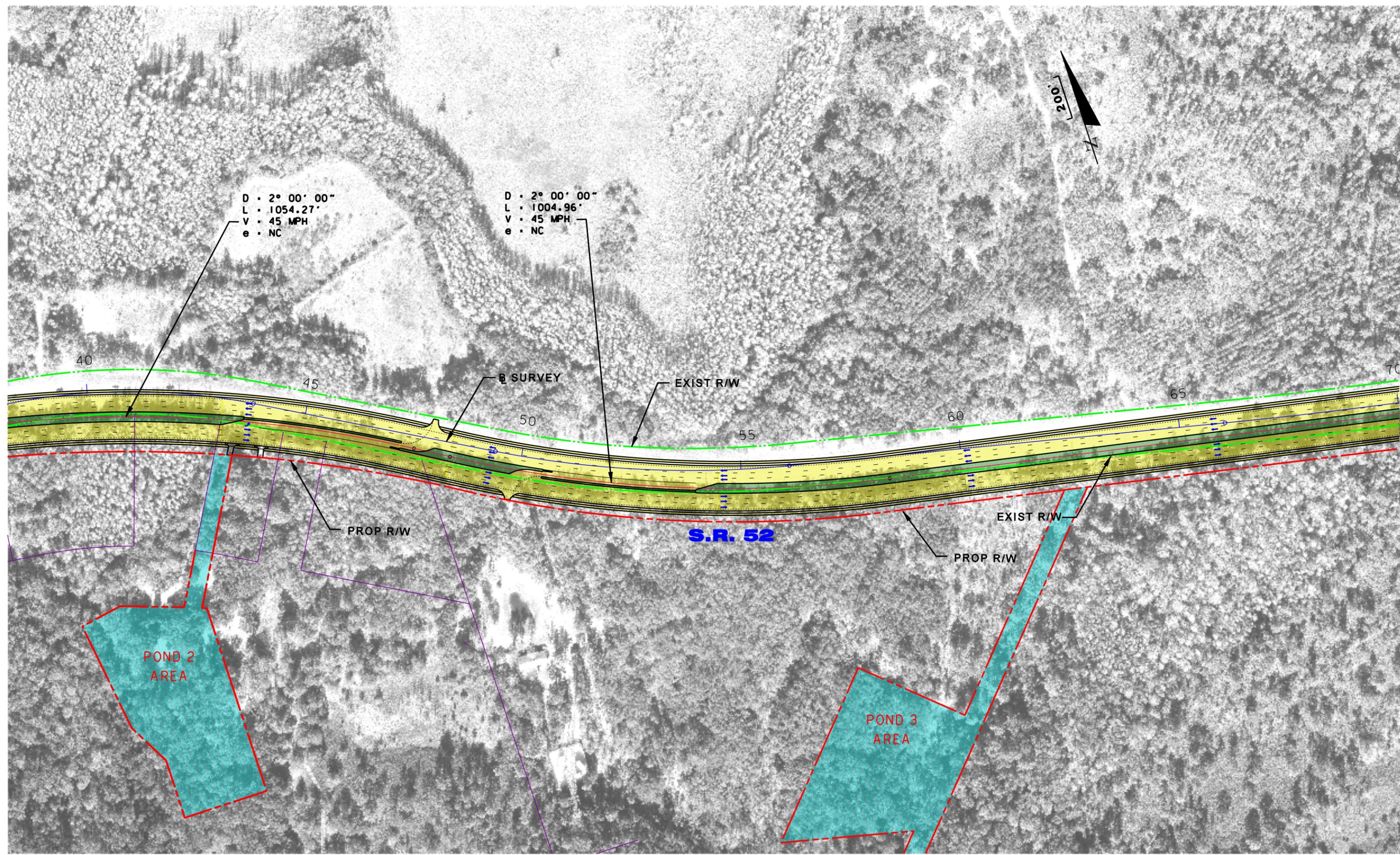
**PB**  
 100 YEARS

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 5405 West Cypress St., Suite 300  
 Tampa, Florida 33607

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	W.P.I.
S.R. 52	PASCO	256243 1

CONCEPT PLANS  
 S.R. 52 PD&E REEVALUATION  
 (Moon Lake Road to U.S. 41)

SHEET NO.  
 1



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 PLOT DATE: 05/24/2005

REVISIONS					
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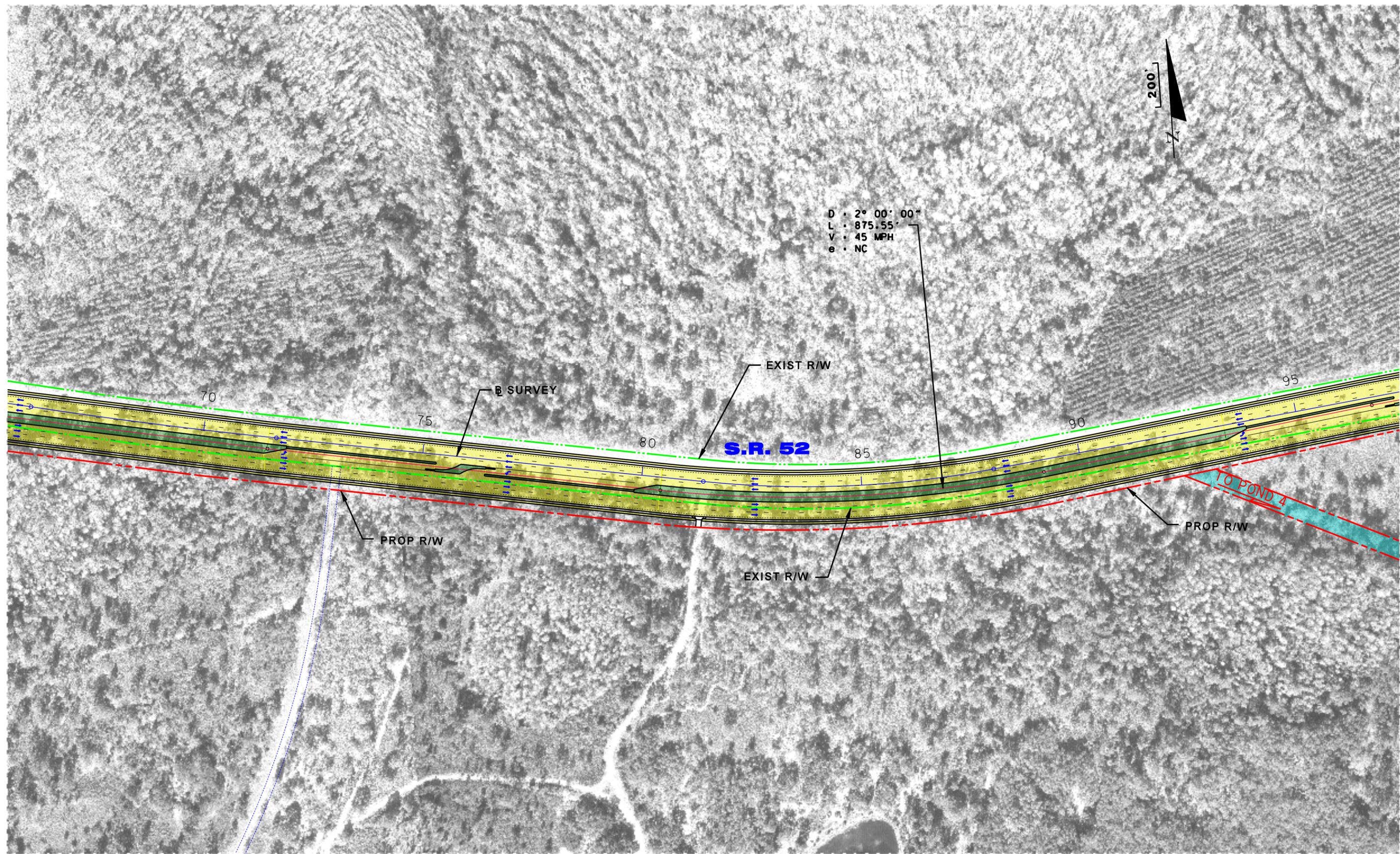


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ROAD NO.	COUNTY	W.P.I.
S.R. 52	PASCO	256243 I

CONCEPT PLANS  
 S.R. 52 PD&E REEVALUATION  
 (Moon Lake Road to U.S. 41)

SHEET NO.  
 2



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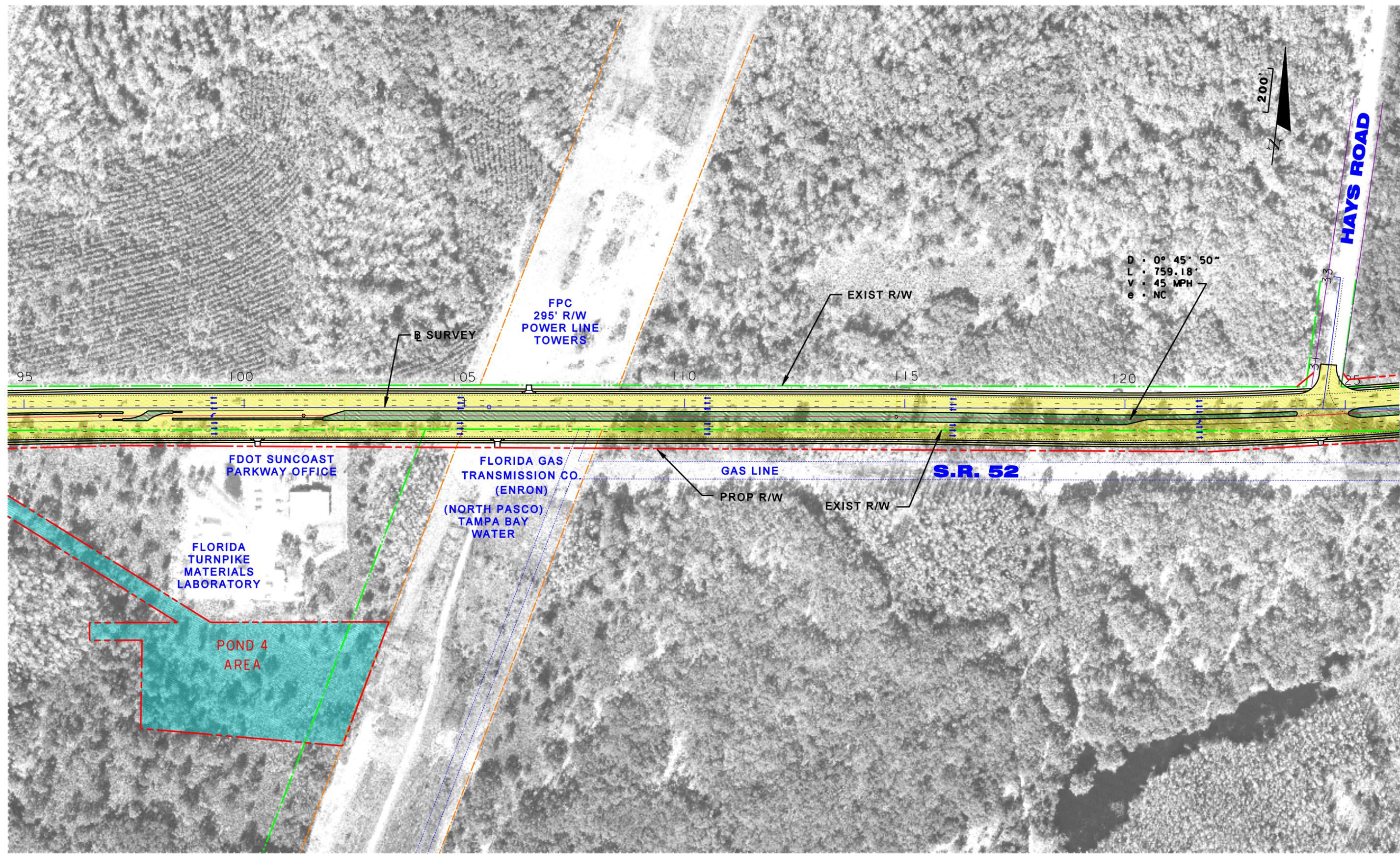


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ROAD NO.	COUNTY	W.P.I.
S.R. 52	PASCO	256243 1

CONCEPT PLANS  
 S.R. 52 PD&E REEVALUATION  
 (Moon Lake Road to U.S. 41)

SHEET NO.  
 3



DESIGN FILE LOCATION: M:\S-52\PI\plan-04.dgn  
PLOT DATE: 05/24/2005

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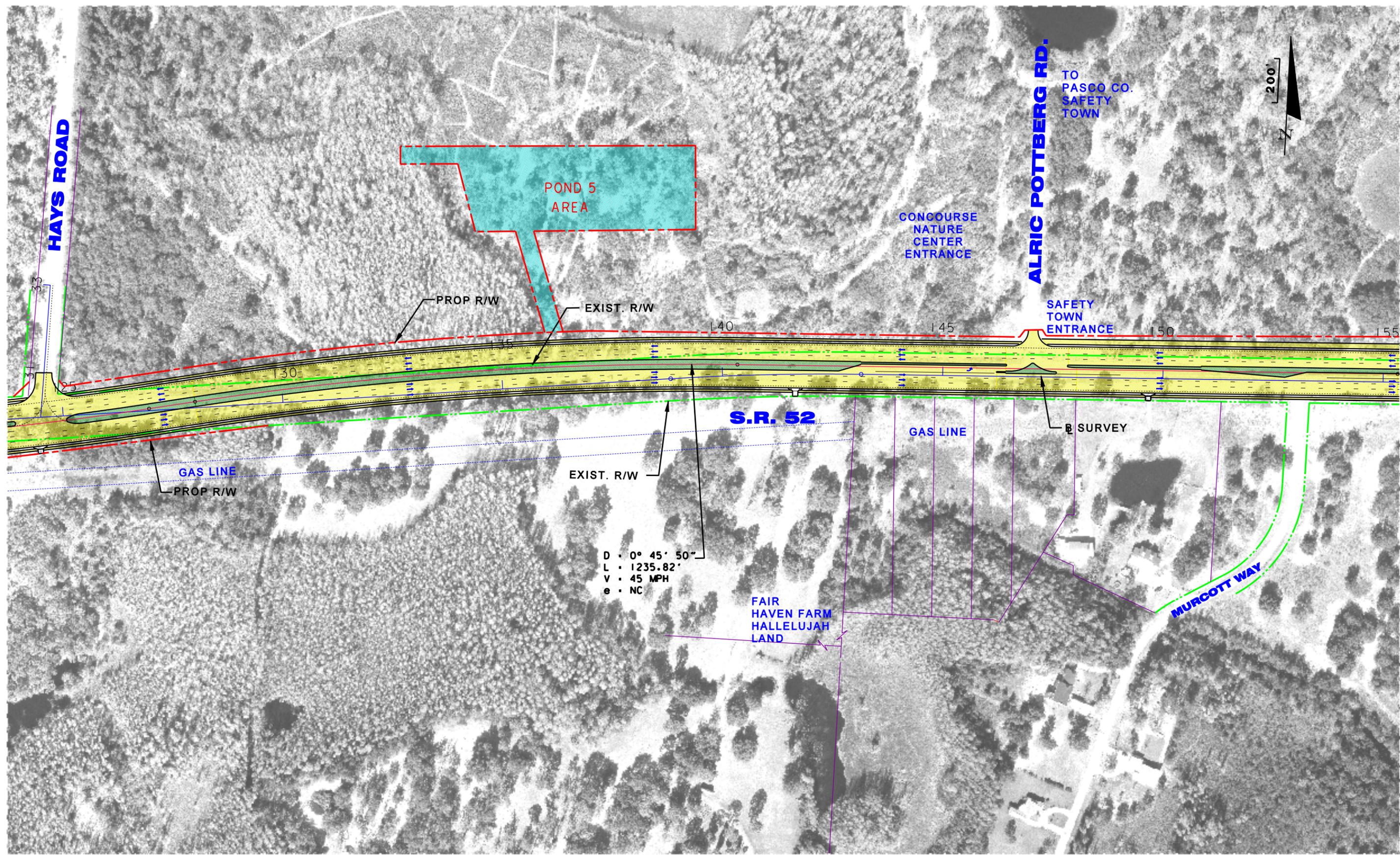


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ROAD NO.	COUNTY	W.P.I.
S.R. 52	PASCO	256243 1

CONCEPT PLANS  
S.R. 52 PD&E REEVALUATION  
(Moon Lake Road to U.S. 41)

SHEET NO.  
**4**



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 PLOT DATE: 05/24/2005

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



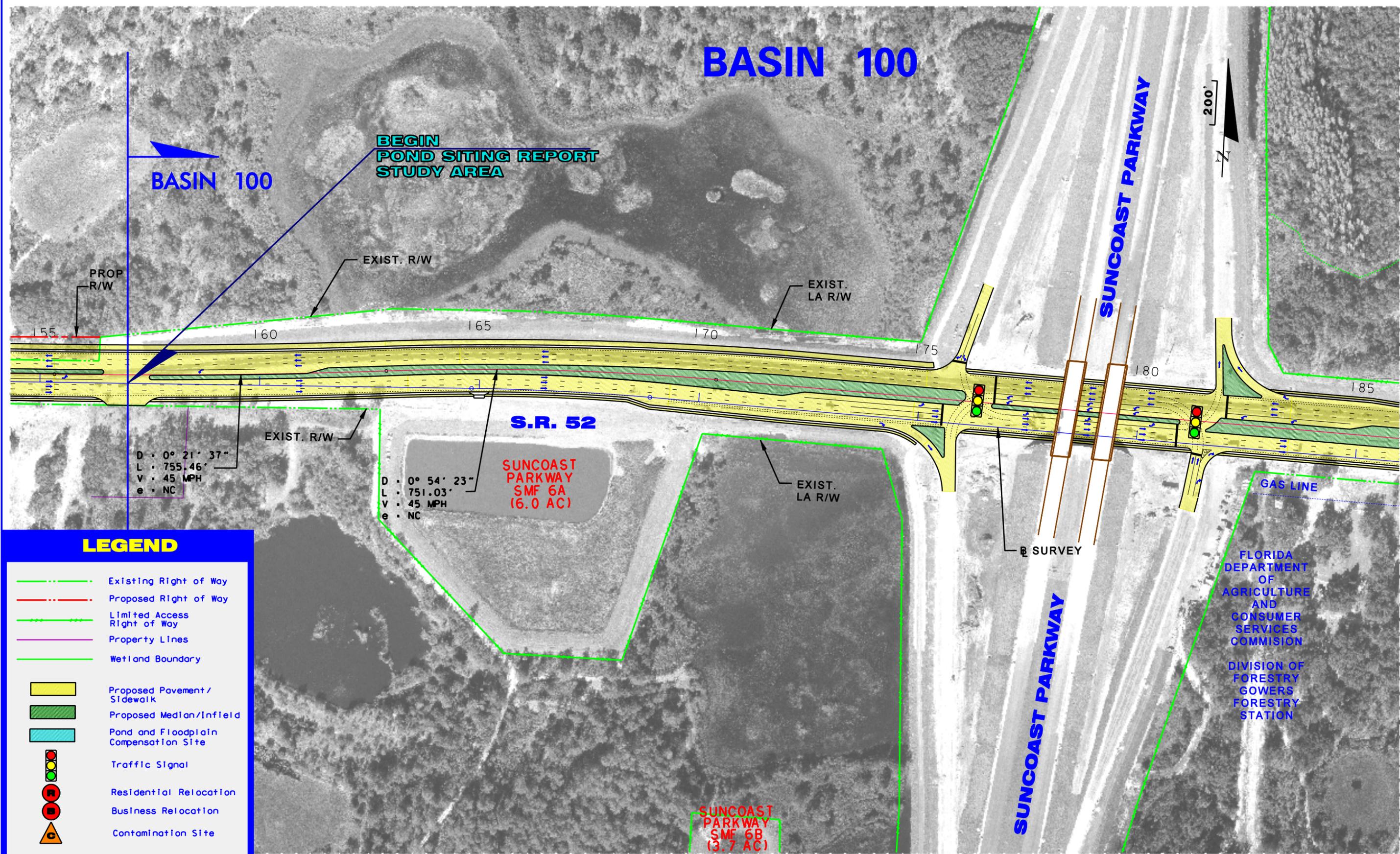
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	W.P.I.
S.R. 52	PASCO	256243 1

CONCEPT PLANS  
 S.R. 52 PD&E REEVALUATION  
 (Moon Lake Road to U.S. 41)

SHEET  
 NO.  
 5

# BASIN 100



BASIN 100

BEGIN POND SITING REPORT STUDY AREA

PROP R/W

EXIST. R/W

EXIST. LA R/W

S.R. 52

SUNCOAST PARKWAY SMF 6A (6.0 AC)

EXIST. LA R/W

GAS LINE

SUNCOAST PARKWAY

FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES COMMISSION

DIVISION OF FORESTRY GOWERS FORESTRY STATION

SUNCOAST PARKWAY SMF 6B (3.7 AC)

D • 0° 21' 37"  
L • 755.46'  
V • 45 MPH  
e • NC

D • 0° 54' 23"  
L • 751.03'  
V • 45 MPH  
e • NC

## LEGEND

- Existing Right of Way
- Proposed Right of Way
- Limited Access Right of Way
- Property Lines
- Wetland Boundary
- Proposed Pavement/ Sidewalk
- Proposed Median/Infield
- Pond and Floodplain Compensation Site
- Traffic Signal
- Residential Relocation
- Business Relocation
- Contamination Site

### REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



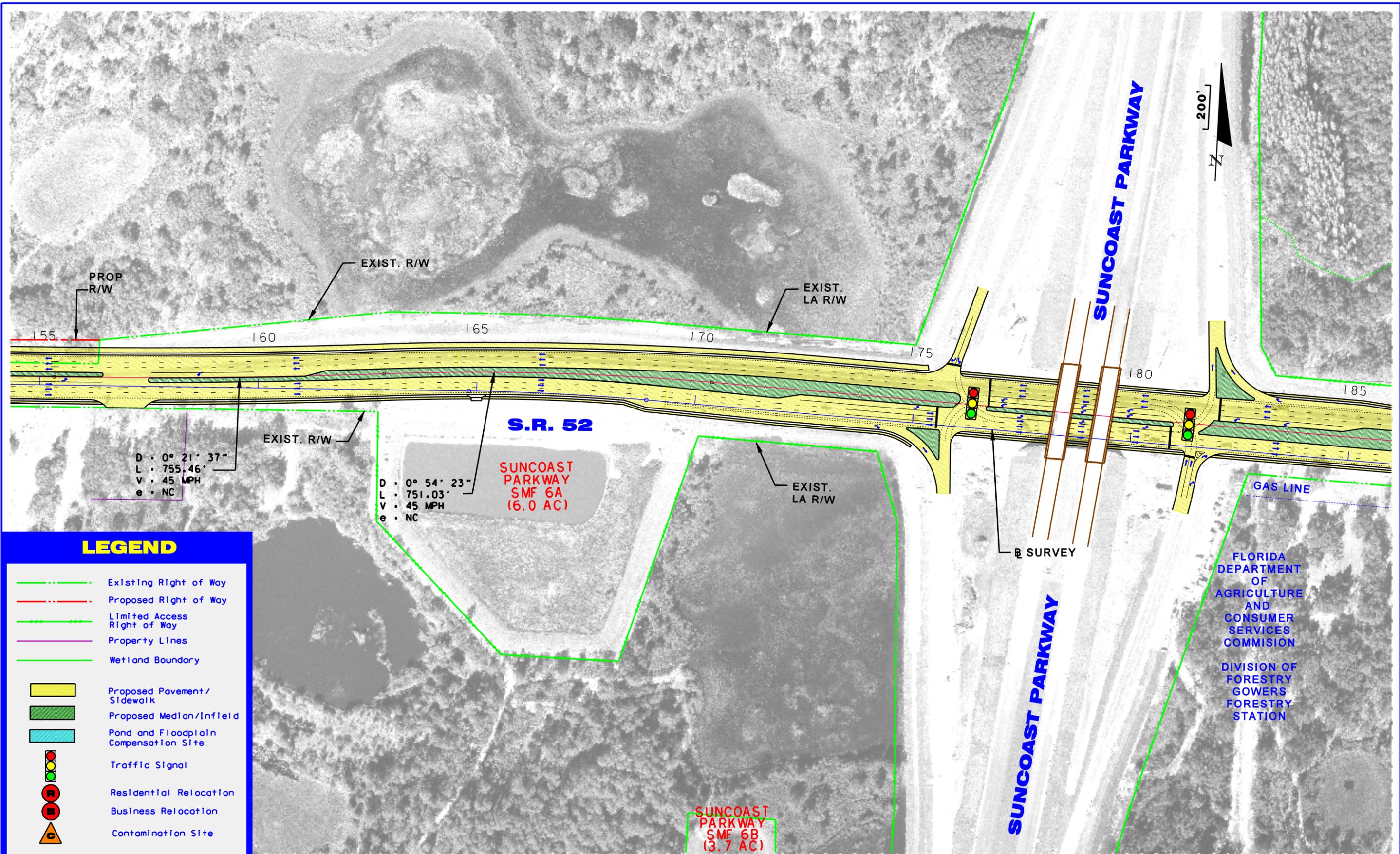
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Quade & Douglas, Inc.  
5405 West Cypress St., Suite 300  
Tampa, Florida 33607

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	W.P.I.
S.R. 52	PASCO	256243 1

CONCEPT PLANS  
S.R. 52 PD&E REEVALUATION  
(Moon Lake Road to U.S. 41)

SHEET NO.  
6

DESIGN FILE LOCATION: M:\S-52\PI\amr-016.dgn  
PLOT DATE: 05/24/2005



D • 0° 21' 37"  
 L • 755.46'  
 V • 45 MPH  
 e • NC

D • 0° 54' 23"  
 L • 751.03'  
 V • 45 MPH  
 e • NC

### LEGEND

- Existing Right of Way
- Proposed Right of Way
- Limited Access Right of Way
- Property Lines
- Wetland Boundary
- Proposed Pavement/Sidewalk
- Proposed Median/Infield
- Pond and Floodplain Compensation Site
- Traffic Signal
- Residential Relocation
- Business Relocation
- Contamination Site

#### REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**PB**  
 100 YEARS

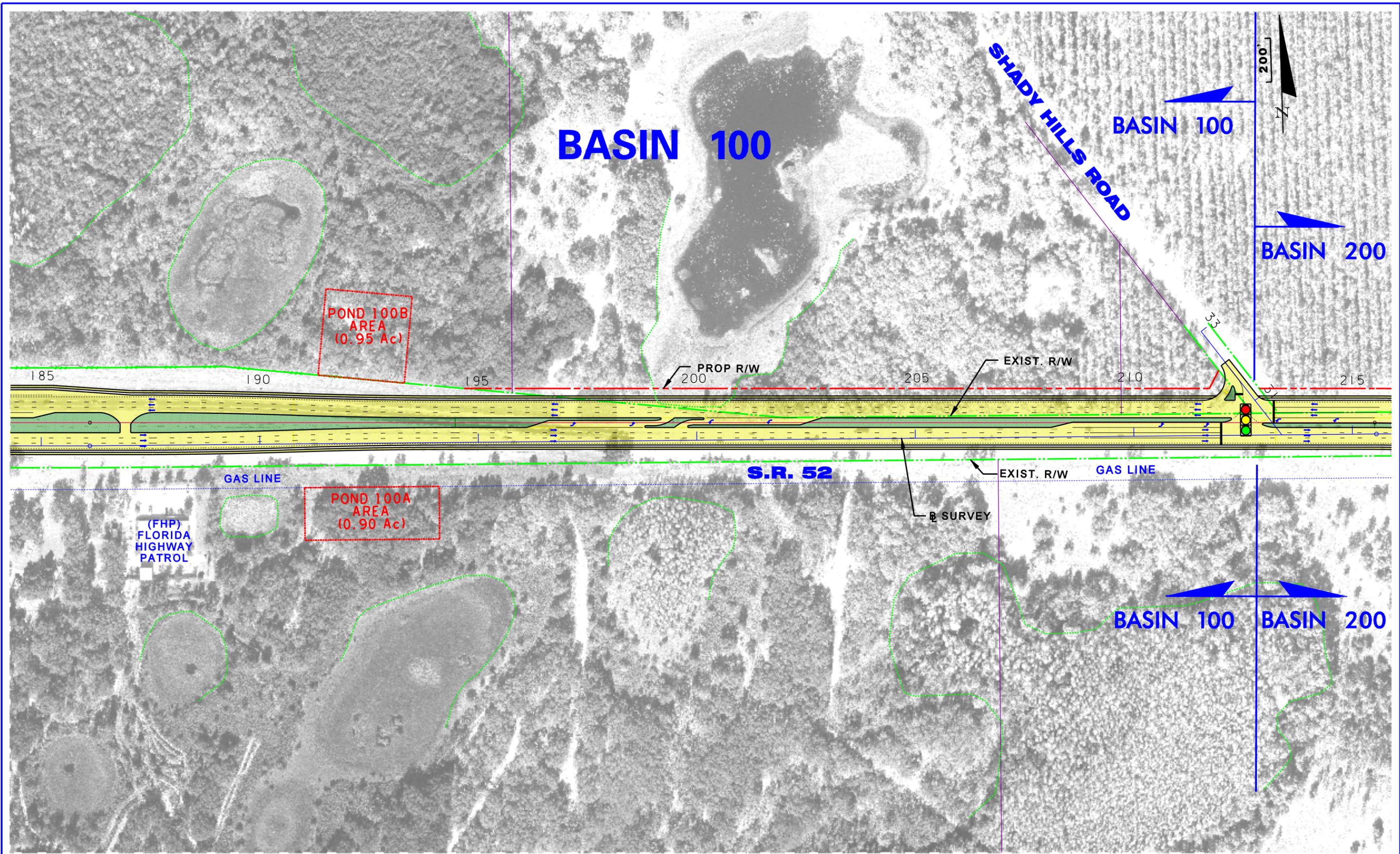
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SHEET NO.  
 6

DESIGN FILE LOCATION: M:\S\52\PI\plan\06.dgn  
 PLOT DATE: 05/22/2005



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PLOT DATE: 05/22/2005

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

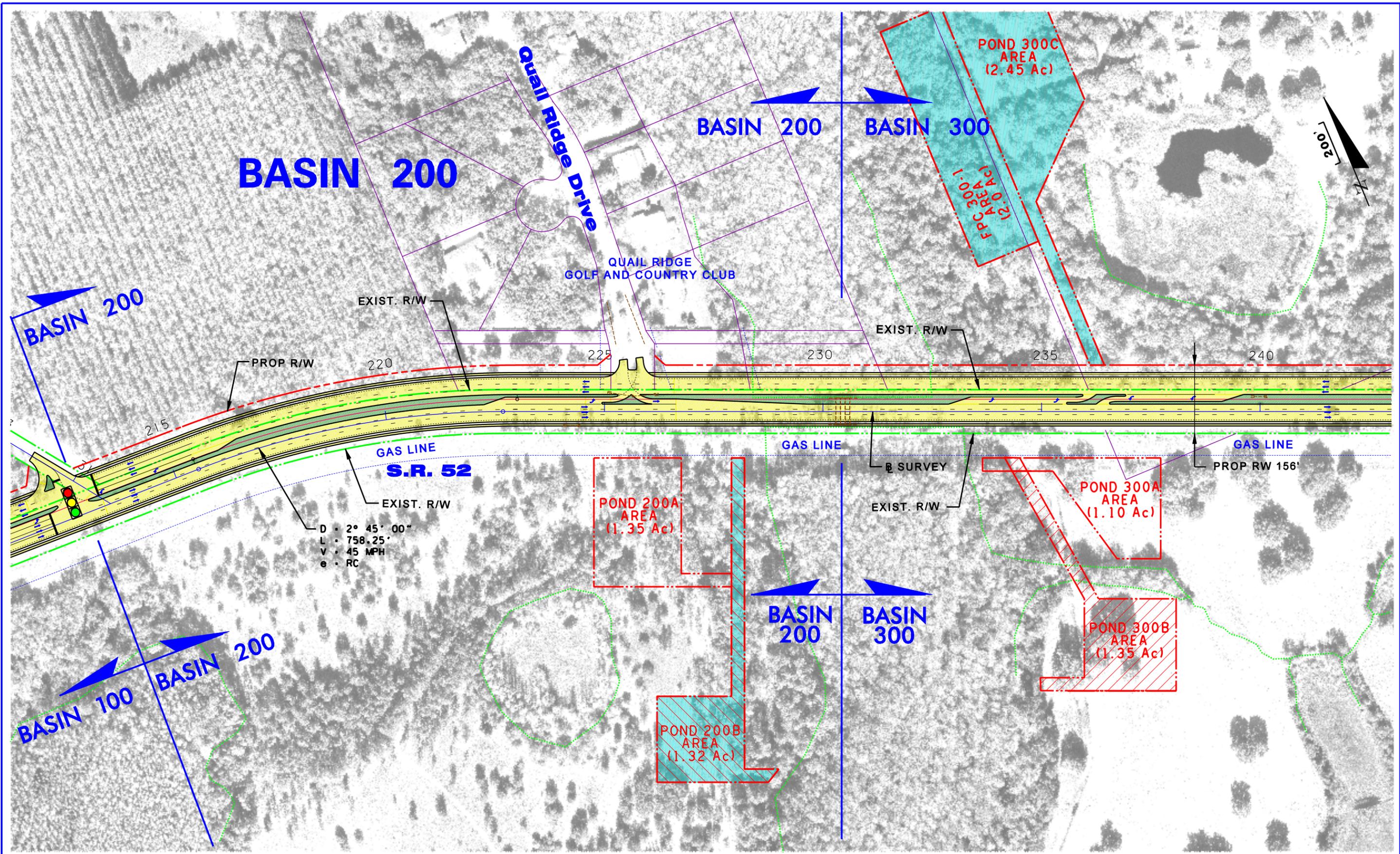


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SHEET NO.
7



**BASIN 200**

**BASIN 200**

**BASIN 300**

**POND 300C AREA (2.45 Ac)**

**FP 300-1 (2.0 Ac)**

**QUAIL RIDGE GOLF AND COUNTRY CLUB**

**Quail Ridge Drive**

**BASIN 200**

EXIST. R/W

PROP R/W

220

225

230

EXIST. R/W

235

240

**GAS LINE S.R. 52**

GAS LINE

GAS LINE

D • 2° 45' 00"  
L • 758.25'  
V • 45 MPH  
e • RC

**POND 200A AREA (1.35 Ac)**

SURVEY

**POND 300A AREA (1.10 Ac)**

PROP RW 156'

**BASIN 100** **BASIN 200**

**BASIN 200**

**BASIN 300**

**POND 300B AREA (1.35 Ac)**

**POND 200B AREA (1.32 Ac)**

DESIGN FILE LOCATION: M:\S\52\PI\plan\08.dgn  
PLOT DATE: 05/22/2005

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

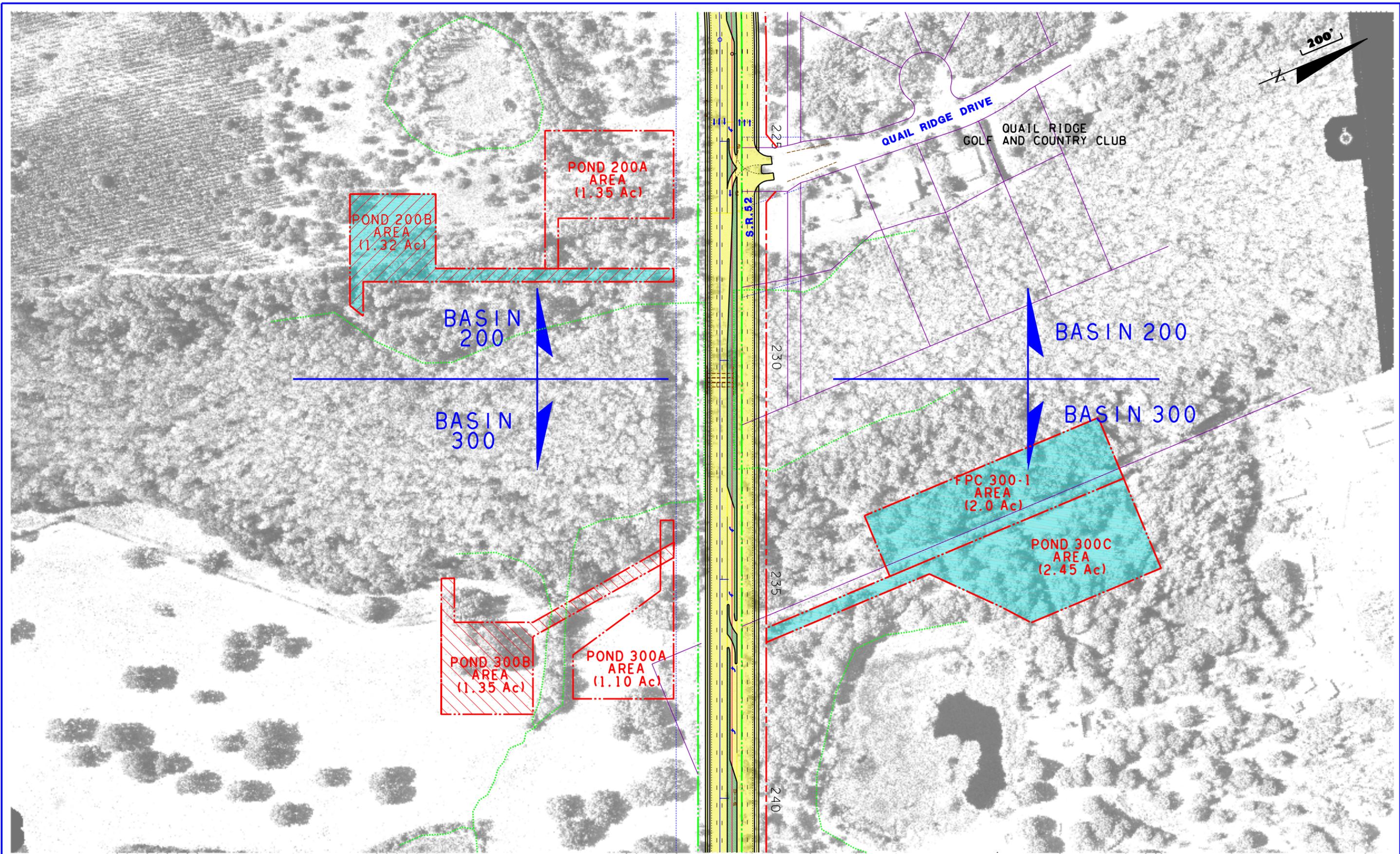


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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	W.P.I.
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CONCEPT PLANS  
S.R. 52 PD&E REEVALUATION  
(Moon Lake Road to U.S. 41)

SHEET NO.  
**8**



DESIGN FILE LOCATION: M:\S\52\PI\09c08a.dgn  
 PLOT DATE: 05/22/2005

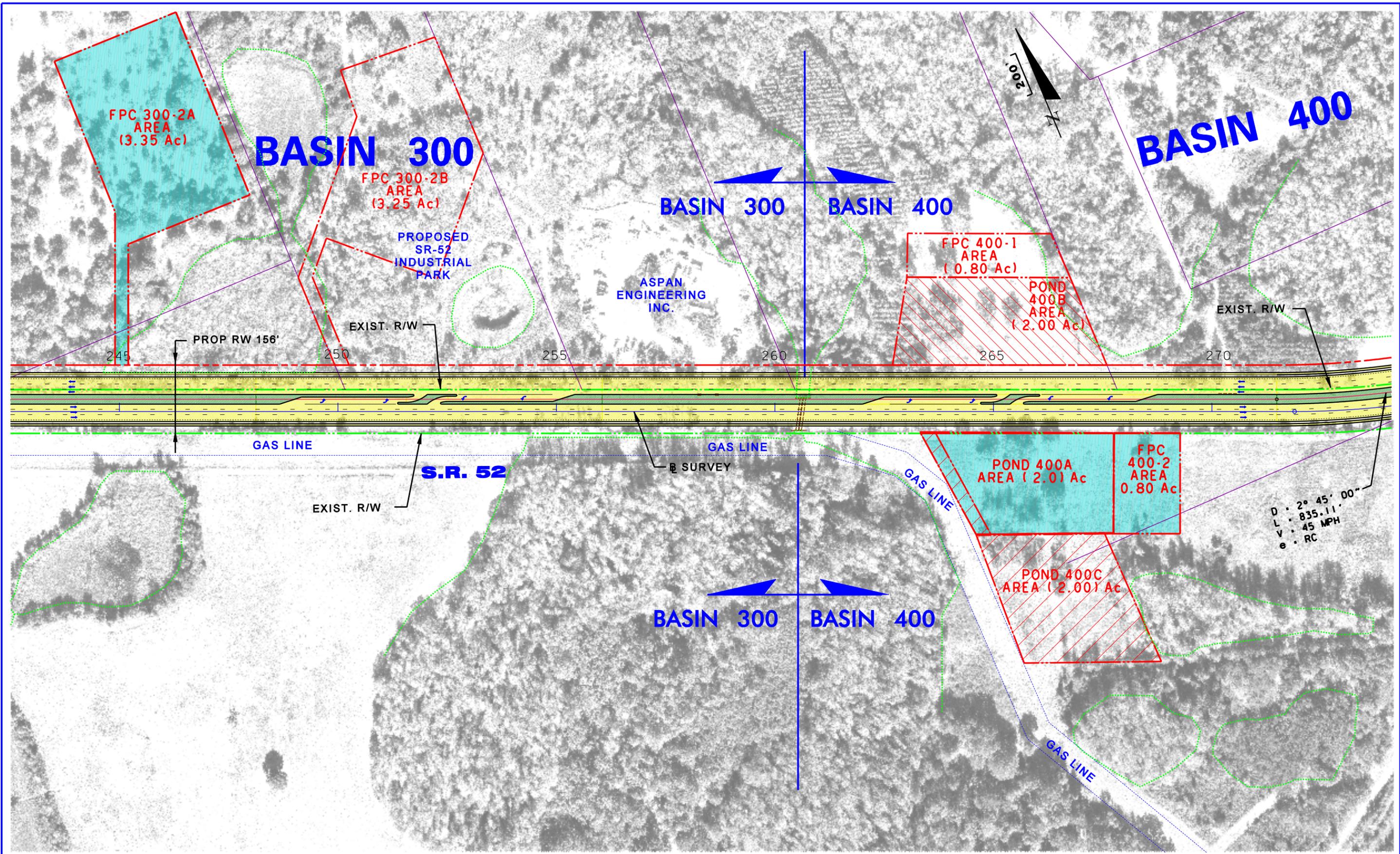
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION


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CONCEPT PLANS  
 S.R. 52 PD&E REEVALUATION  
 (Moon Lake Road to U.S. 41)

SHEET NO.  
 8A



DESIGN FILE LOCATION: M:\SR-52\PI\plan-009.dgn  
 PLOT DATE: 05/22/2005

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



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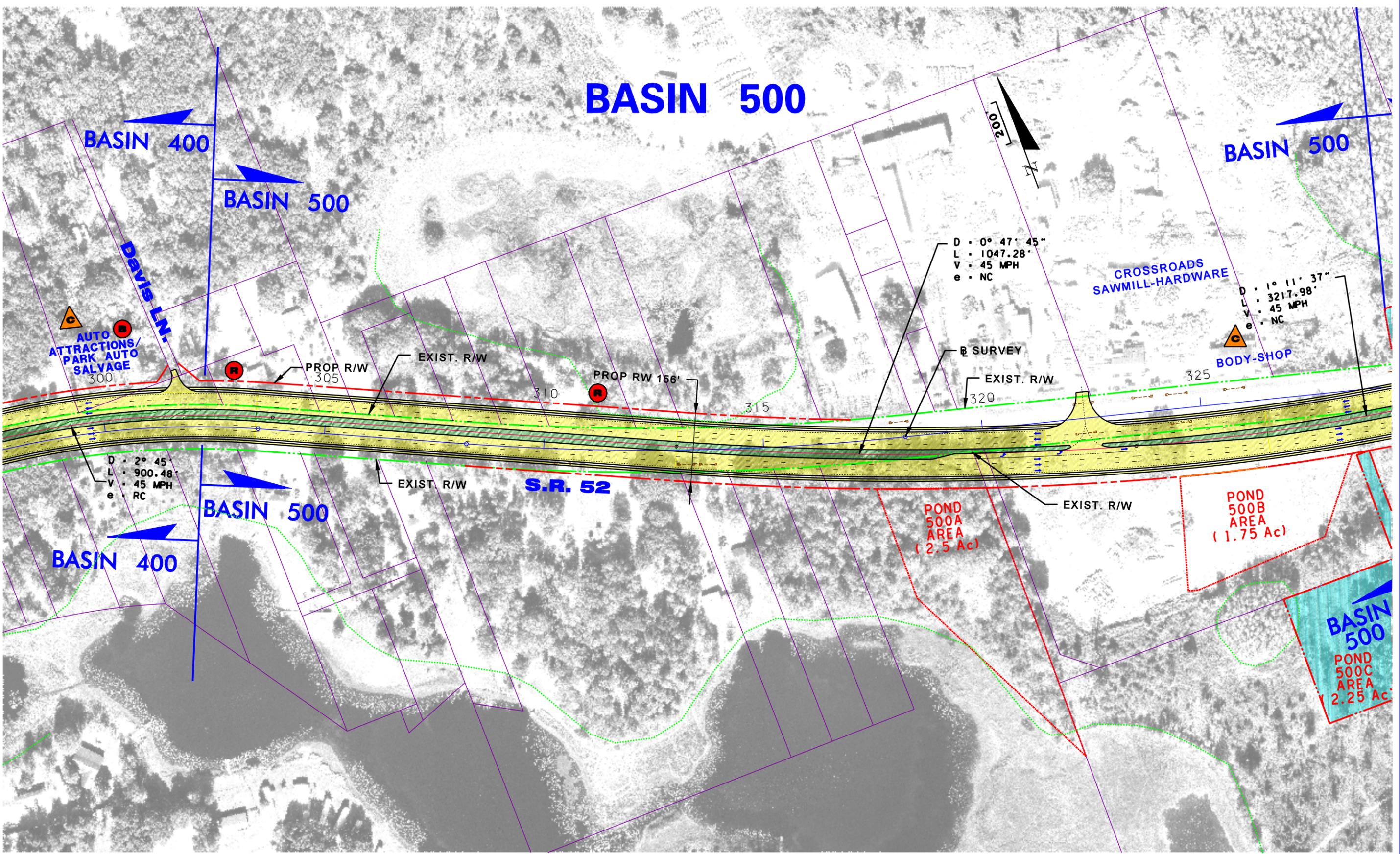
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	W.P.I.
S.R. 52	PASCO	256243 I

CONCEPT PLANS  
 S.R. 52 PD&E REEVALUATION  
 (Moon Lake Road to U.S. 41)

SHEET NO.  
 9



# BASIN 500



DESIGN FILE LOCATION: M:\S\52\PI\plan\11.dgn  
 PLOT DATE: 05/22/2005

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

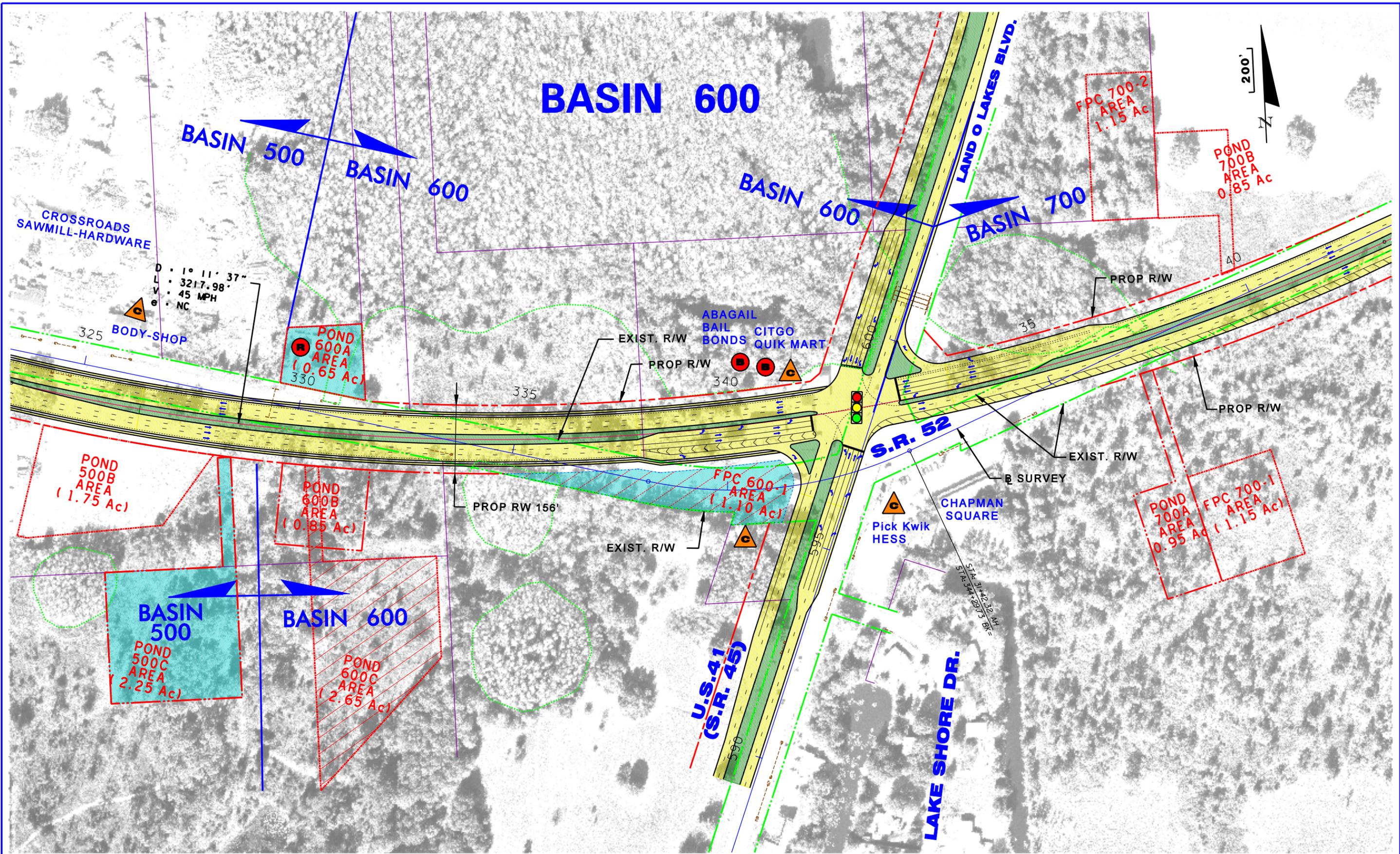


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CONCEPT PLANS  
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 (Moon Lake Road to U.S. 41)

SHEET NO.
H



DESIGN FILE LOCATION: M:\S-52\PI\anrd12.dgn  
 PLOT DATE: 05/22/2005

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

**PB**  
**100 YEARS**

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CONCEPT PLANS  
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 (Moon Lake Road to U.S. 41)

SHEET NO.  
 12



# BASIN 700

**END PROJECT**

**END POND SITING REPORT STUDY AREA**

POND 700B AREA  
0.85 Ac

EXIST. R/W

CHARIOT MOTORS

⊕ SURVEY

45

50

55

60

**S.R. 52**

EXIST. R/W

POND 700C AREA  
(0.75 Ac)

FPC 700-3 AREA  
(1.15 Ac)

PROP R/W

DESIGN FILE LOCATION: M:\S-52\PI\plan\13.dgn  
PLOT DATE: 05/22/2005

**REVISIONS**

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



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**STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION**

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CONCEPT PLANS  
S.R. 52 PD&E REEVALUATION  
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SHEET NO.  
**13**