

FINAL

# **CONTAMINATION SCREENING EVALUATION MEMO - REEVALUATION**

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## **SR 45 (US 41) PROJECT DEVELOPMENT AND ENVIRONMENT STUDY REEVALUATION**

**From SR 44 (US 98) to the Vicinity of CR 488 in  
Citrus County, Florida**

**WPI Segment Number: 257165-1  
State Project No.: 02010-1543  
Federal Aid Program Number: XL-332-1(14)  
County: Citrus**

This project studies the expansion of the existing two-lane undivided rural roadway to a five-lane urban roadway with a continuous, center, dual left-turn lane and a four-lane divided urban roadway with geometric improvements at major intersections. The proposed project also includes the replacement of the bridge over the Withlacoochee State Trail to accommodate 4-lane improvements. The total length of the project is approximately 9.8 kilometers (6.1 miles).

**Prepared for  
Florida Department of Transportation  
District Seven**

**March 1999**

# CONTAMINATION SCREENING EVALUATION MEMO - REEVALUATION

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PROJECT DEVELOPMENT AND ENVIRONMENT STUDY  
REEVALUATION

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FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT SEVEN

March 1999

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## 1.0 INTRODUCTION

This Contamination Screening Evaluation Memo has been prepared in accordance with the Florida Department of Transportation's (FDOT) Project Development and Environment (PD&E) Manual, Chapter 22, Contamination Impacts, dated February 8, 1994. The purpose of this memo is to document the contamination screening undertaken as part of the PD&E Study Reevaluation for US 41 (SR 45) in Citrus County. The process of screening the project study area for potential contamination is undertaken to avoid costly construction delays as a result of encountering unexpected soil or groundwater contamination. Identification of potential problem areas early in the project development process allows the FDOT to make informed decisions regarding avoidance or management of impacts.

This memo identifies and evaluates areas of known or potential contamination in the project study area between SR 44 and SR 200, in Citrus County. Although the project in its entirety begins at SR 44 and ends in the vicinity of CR 488, design changes are currently proposed for only that portion of the project from SR 44 to north of SR 200. This memo includes a description of the project, the area's hydrogeologic features and land use, and each site of potential concern. Recommendations are made concerning these potential sites as they relate to the proposed project.

This memo has been prepared using metric units of measure. For ease of reference, the English equivalent standard value and unit are shown in parentheses immediately following the metric values. The English conversions are nominal rather than exact.

## 2.0 PROJECT DESCRIPTION

The US 41 (SR 45) project begins at SR 44 in the City of Inverness, Citrus County, and ends in the vicinity of CR 488, within Citrus County. The original project length is approximately 25 kilometers (15.6 miles). This reevaluation of the original 1994 Contamination Screening Report examines the US 41 project study area from SR 44 to SR 200, approximately 9.8 km (6.1 mi) in length. During the reevaluation the project length was segmented for analysis purposes. Segments 1 through 3 were analyzed during the reevaluation. The project study location and study segments are depicted on Exhibit 1.

US 41 is a major arterial providing a north-south connection from the City of Dunnellon, in Marion County, to the area nearby the City of Inverness, in Citrus County. It is intersected at various points by east-west roads, the major ones being SR 44, CR 486, CR 491, and CR 39.

The existing facility consists of a three lane undivided roadway with a center dual left turn lane from SR 44 to Montgomery Road and a two lane undivided roadway from Montgomery Road to CR 488. Design changes are proposed for that portion of the project from SR 44 to north of SR 200. Included within that segment is the US 41 bridge over the Withlacoochee State Trail (WST).

The proposed improvements to US 41 involve widening the existing facility from SR 44 to the south entrance of the Inverness Regional Shopping Center to a five lane urban facility, and from that point northward to SR 200 to a four lane divided urban facility.

The proposed facility would serve the higher future traffic volumes that are predicted as a result of high growth in the region. Constraints on development along US 41 have been imposed by the City of Inverness in order to preserve the adopted Level of Service "E" for a principal arterial.

On December 2, 1997, the Citrus County Board of County Commissioners adopted the amendments to the Comprehensive Plan proposed within its Evaluation and Appraisal Report. The amended Comprehensive Plan indicates an existing need for two additional lanes on US 41 from SR 44 to SR 200.

**SEGMENT 4**

**SEGMENT 3**

**SEGMENT 2**

**SEGMENT 1**

**END  
DESIGN CHANGE  
REEVALUATION**

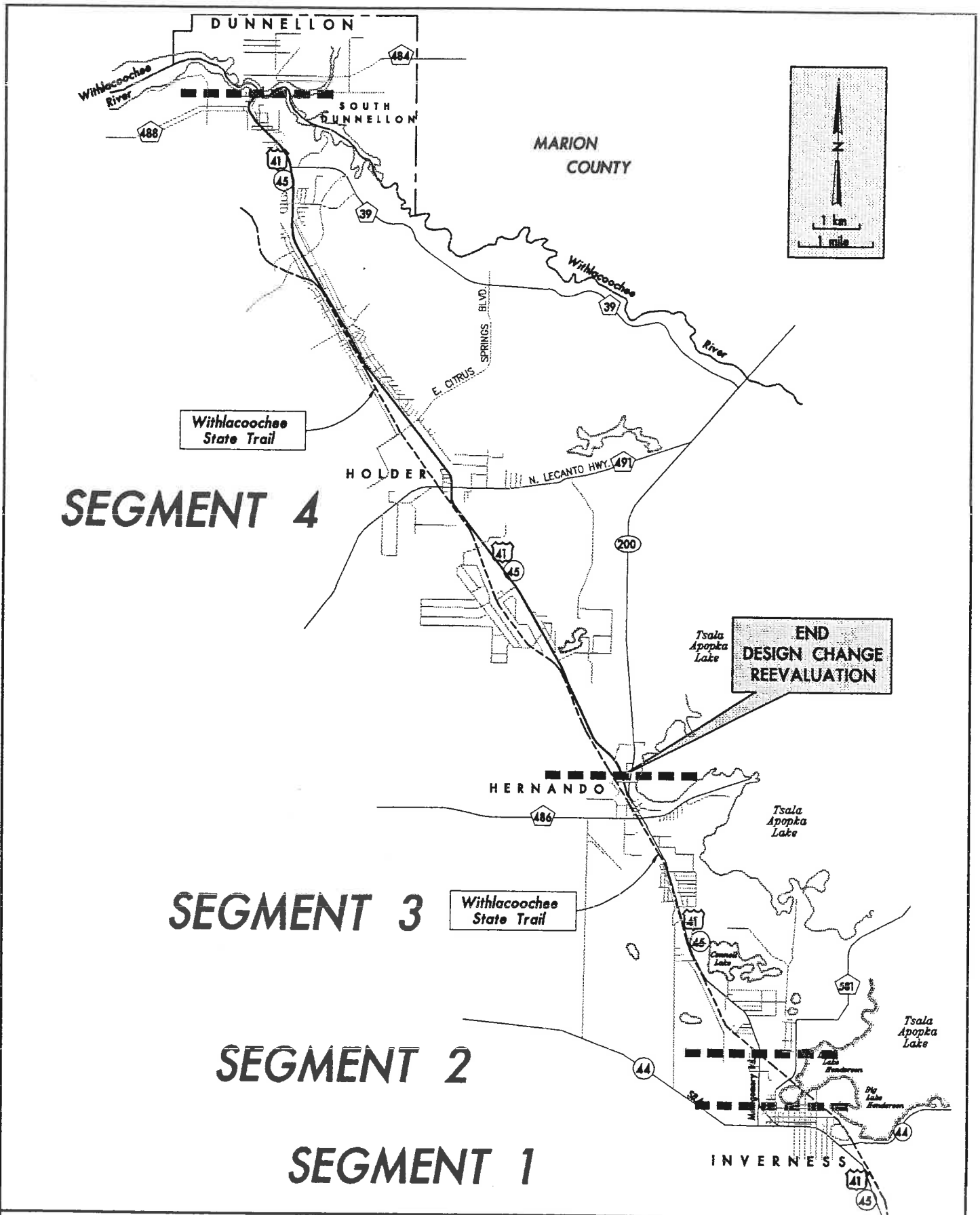
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Citrus County

**STUDY SEGMENTS**

**EXHIBIT**

**1**

base0x11



The City of Inverness Comprehensive Plan (revised March 1998) includes policies stating that the City will control access by minimizing egress onto arterial and collector roads, and that curb cuts will be kept to a minimum along arterials. There are no specific recommendations regarding the design of US 41. Access management is specifically addressed in the City's Land Development Regulations.



### 3.0 STUDY ALTERNATIVES

#### 3.1 NO PROJECT ALTERNATIVE

The No Project alternative would have advantages and disadvantages in terms of impact on traffic congestion, circulation, safety, driving comfort, and quality of life in Citrus County.

If proposed improvements to US 41 are not constructed (the No Project alternative), certain advantages can be expected, including:

- FDOT would not incur the cost of right-of-way acquisition and construction for the project;
- the environmental impact associated with the proposed project would not occur;
- the displacement of existing land uses due to the widening of US 41 would not take place;
- the inconveniences associated with construction of the proposed improvements would not occur; and,
- there would be no alteration in existing circulation patterns.

If improvements are not made (i.e., if the No Project alternative is selected), or if improvements are delayed, then certain disadvantages can be expected, including:

- increased unacceptable levels of service on US 41;
- increased rate of deterioration on the existing US 41 due to congestion;
- increases in congestion-related accidents (crashes);
- increased disaster evacuation times for area residents;
- no enhancement of emergency service response times;
- degradation of air quality, and increased fuel consumption;
- transportation concurrency limitations on the issuance of building permits by local governments.

The No Project Alternative would have no provisions to accommodate the anticipated growth in traffic volumes. Without improvements, the transportation network would become congested and fail to meet minimum levels of service along some segments.

## **3.2 TRANSPORTATION SYSTEMS MANAGEMENT**

Transportation System Management (TSM) involves minor intersection improvements, increased turn lane storage, improvement of existing lane configuration marking and signalization sequencing as a means of improving level of service on a particular facility. The unacceptable levels of service anticipated to occur on the existing facility in the year 2020 justify the need to provide additional through lanes on US 41. Therefore, the TSM alternative is not considered viable for this project.

## **3.3 BUILD ALTERNATIVE**

### **3.3.1 Corridor Analysis**

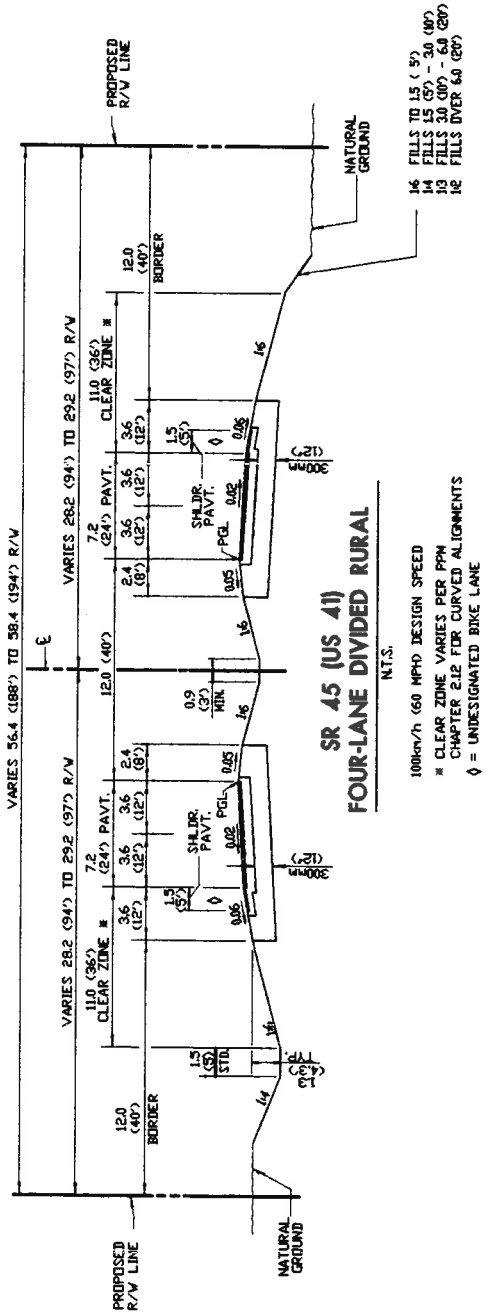
No corridor analysis has been undertaken during the reevaluation of the proposed project; widening and intersection improvements will incorporate the existing rights-of-way. There are no suitable existing transportation facilities that could be widened to accommodate the traffic volumes projected for the US 41 corridor. Due to environmental constraints posed by the Tsala Apopka lakes and social constraints that exist due to existing development, it would not be possible to site a new transportation facility in the area that would accommodate the projected traffic without a substantial increase in impacts and in costs.

### **3.3.2 Design Standards**

US 41 will be designed as an urban facility from SR 44 to north of SR 200, with a design speed of 60 km/h (35 mph) for a five lane typical section, and 80 km/h (50 mph) for a four lane divided typical section. US 41 will follow the recommended access management guidelines established by the State Highway System Access Management Act of 1988 and FDOT Rule 14-97. In accordance with the established design criteria, the typical cross section for US 41 has been developed to provide for the greatest capacity and the highest level of safety, while taking into consideration potential impacts to the natural and built environments.

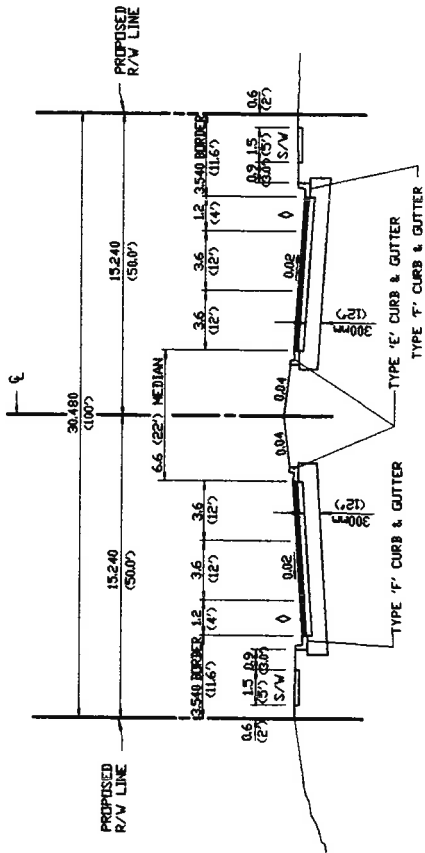
### **3.3.3 Typical Sections**

The proposed improvement will be designed as an urban highway. Exhibit 2 shows the five lane typical section proposed between SR 44 and the south entrance to Inverness Regional Shopping Center, and the four lane typical section proposed for the rest of the design change reevaluation, up to SR 200. Exhibit 3 shows the typical section for the bridge over the Withlacoochee State Trail.



**SR 45 (US 41)  
FOUR-LANE DIVIDED RURAL**

NT.S.  
100km/h (60 MPH) DESIGN SPEED  
\* CLEAR ZONE VARIES PER PPM  
CHAPTER 2.12 FOR CURVED ALIGNMENTS  
◊ = UNDESIGNATED BIKE LANE

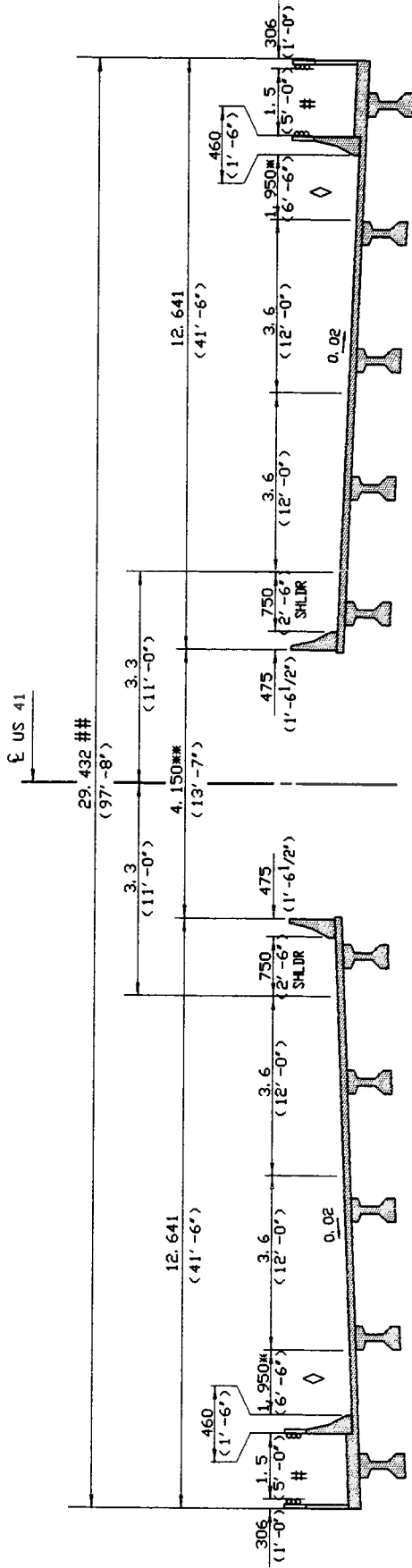


**SR 45 (US 41)  
FOUR-LANE DIVIDED URBAN**

NT.S.  
80 KM/H (50 MPH) DESIGN SPEED  
◊ = DESIGNATED BIKE LANE

NOTE: ENGLISH CONVERSIONS ARE  
NOMINAL RATHER THAN EXACT.

**ROADWAY TYPICAL SECTIONS**



**BRIDGE TYPICAL SECTION  
FOUR-LANE DIVIDED URBAN  
OVER WILACOCOCHEE STATE TRAIL**

N. T. S.

80 KM/H (50 MPH) DESIGN SPEED  
◊ = DESIGNATED BIKE LANE

**NOTES:**

- \* 1.2m STANDARD WIDTH AND 0.75m 'SHY' DISTANCE.
- \*\* BRIDGE OPENING LESS THAN 6.0m SET BY THE DISTRICT TO MATCH PROPOSED ROADWAY MEDIAN.
- # PROVIDE CONCRETE OVERLAY TO MEET HEIGHT AND CROSS SLOPE OF SIDEWALK ON ROADWAY SECTION.
- ## ENGLISH CONVERSIONS ARE NOMINAL RATHER THAN EXACT.

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Citrus County

**BRIDGE TYPICAL SECTION**

**EXHIBIT  
3**

### **3.3.4 Alignment Analysis**

In an attempt to minimize the impacts of the proposed project, options for aligning the typical sections were analyzed within distinct segments along the project corridor. These options included an analysis of left, right, and best fit alignments of the proposed typical sections along the existing US 41. In order to minimize impacts, left and right alignments widen to one side and generally maintain the existing right-of-way line on the other side. The “best fit” concept refers to a combination of left and right alignments, where the alignment is shifted between the left and right sides in response to specific land use constraints or other considerations, plus other constraints imposed by the natural environment.

#### **Segment 1 - SR 44 to Montgomery Road**

Four alternatives were initially developed for Segment 1 from SR 44 to Montgomery Road. These included:

- Four lane divided widened to the left
- Four lane divided widened to the right
- Five lane widened to the left
- Five lane widened to the right

In general, the right side alignments were less expensive and had less impacts than the left side alignments. The four-lane divided and five-lane typical section widened to the right cost on average 50 percent less than the alternatives widened to the left. In addition, the left side alignments would require the relocation of five businesses where the right side alignments would require just two relocations. For these reasons, the left side alignments were eliminated from further consideration.

The five-lane typical section alternative would cost less than the four-lane divided typical section and is consistent with the access management classification for this segment. Therefore, the five-lane typical section, shifted to the right, is the preferred alternative for this segment

#### **Segment 2 - Montgomery Road to the Withlacoochee State Trail (WST)**

The same four alternatives that were studied in Segment 1 were also studied for Segment 2 from Montgomery Road to the WST. These included:

- Four lane divided widened to the left
- Four lane divided widened to the right
- Five lane widened to the left
- Five lane widened to the right

In this segment, the right side alignments would cost on average 85 percent more than the left side alignments. This is due to the impacts to businesses located on the east side of the roadway, including impacts to the Inverness Regional Shopping Center. The four lane divided and five lane typical section alternatives widened to the right would cost \$5.4 and \$7.1 million, respectively. The four lane divided and five lane typical section alternatives widened to the left would cost \$4.0 and \$2.8 million, respectively.

Left side alignments in this segment would be significantly less expensive than right side alignments. However, the left side alignments would require acquisition of property from Whispering Pines Park, a known Section 4 (f) property. Since the impact from left side alignments can be processed as a Programmatic Section 4(f) Evaluation, and due to the significant cost difference and impacts to properties adjacent to the right side of the roadway, a left side alignment is preferred. While a five-lane typical section alternative would cost less than the four-lane divided typical section, a five-lane typical section with a dual, center left-turn lane is not justified due to the small number of driveways and cross streets that exist along the west side of the roadway in this segment. Therefore, the four-lane divided typical section, shifted to the right, is the preferred alternative for this segment.

**Segment 3 - Withlacoochee State Trail to SR 200:** A four lane divided section centered within the existing right-of-way was the only alternative considered for this segment. Since a four lane divided typical section could be developed within the width of existing right-of-way, alignment shifts were not evaluated. A five lane section was not considered due to low density development along the corridor.

### **SR 200 INTERSECTION**

Two design alternatives were considered for this intersection, L1 and R1. The main difference between the alternatives deals with the connection between US 41 and SR 200.

Alternative L1 would involve the widening of SR 200 to a four lane divided facility along its existing alignment up to Viaduct Lane. US 41 would connect with SR 200 via a "T" intersection between East Apex Lane and East Louise Lane. This alternative would keep the major traffic movement, which is on SR 200, as a continuous through movement. A portion of US 41 would remain in place in front of Hernando Plaza as a frontage road to provide access to businesses located there. This frontage road

would connect with southbound US 41 as it connects with SR 200. This alternative would not require any relocations. It has an estimated cost of \$6.3 million.

Alternative R1 would widen US 41 and flatten out the existing curve to meet current design standards. SR 200 would connect with US 41 between East Apex Lane and East Louise Lane via a “T” intersection. Traffic on SR 200 would have to pass through the new SR 200/US 41 intersection before proceeding south on US 41. A frontage road would be provided along the existing alignment of SR 200 to provide access to properties on the east side of SR 200. This alternative would require the relocation of Cumberland Farms which is located between US 41 and SR 200. The estimated cost of this alternative is \$9.5 million.

### **3.4 VIABLE ALTERNATIVES**

Alternatives considered for this project included the previously-described conceptual design Build Alternative and the No Project Alternative. Though the No Project Alternative has major deficiencies, it will remain under consideration until after the public hearing, when the final recommendation will be made.

### **3.5 PREFERRED ALTERNATIVE**

The preferred alternative is an urban facility, a right side alignment in Segment 1, a left side alignment in Segment 2, a best fit alignment in Segment 3, and the L1 alternative for the SR 200/US 41 intersection. A five lane typical cross section is proposed from SR 44 to the south entrance of the Inverness Regional Shopping Center, and a four lane divided typical cross section is proposed for the rest of the design change reevaluation up to SR 200.

## **4.0 LAND USE**

### **4.1 EXISTING LAND USE**

Linear commercial development is the predominant land use along US 41 within, and just north of, the City of Inverness. A major land use feature in this area is the Inverness Regional Shopping Center. Notable exceptions to the commercial development are the recreational land use at Whispering Pines Park and Inverness Middle School (and its associated recreation area).

The land use adjacent to the project corridor north of the City of Inverness is predominantly residential and vacant, with some concentration of commercial development at communities such as Hernando and Holder located along the US 41 corridor. Churches, cemeteries and schools are located at these communities, sometimes adjacent to the project corridor. Some cleared pasture lands are also present. The Withlacoochee State Trail parallels or abuts US 41 for much of the project length. Industrial land use is scattered along the project length, mostly set back from US 41.

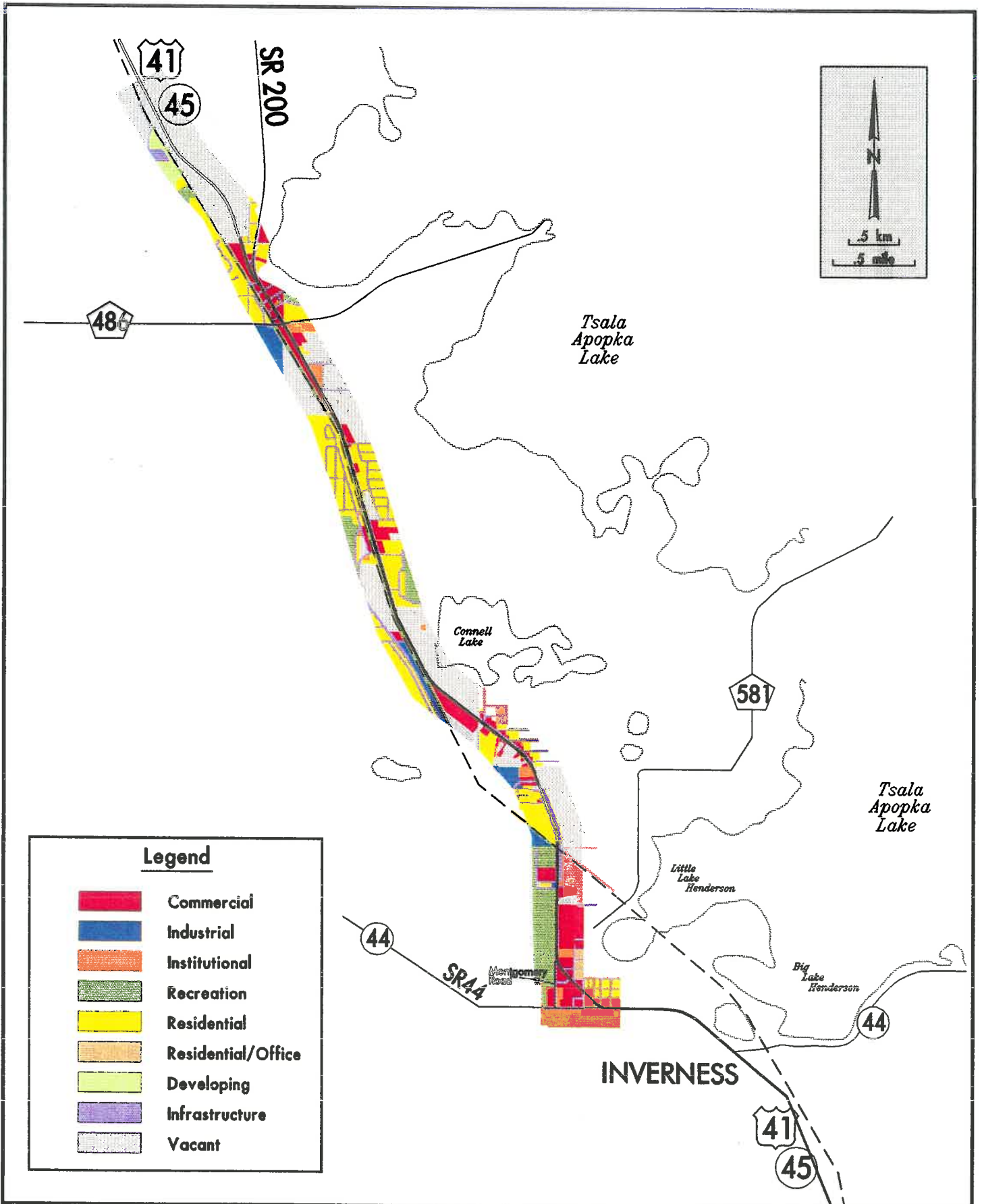
Existing land use is depicted on Exhibit 4.

### **4.2 FUTURE LAND USE**

Based on the adopted Citrus County Generalized Future Land Use Map (revised 1997), and the City of Inverness Generalized Future Land Use Map (revised 1998), residential land use is generally expected to increase within the project area, along with the typical increase in supporting commercial businesses.

The US 41 corridor from SR 44 to CR 491 is included in a County-designated Planned Service Area. A large recreation area is planned to the southwest of the US 41/CR 491 intersection. Exhibit 5 shows generalized future land use in the project corridor.



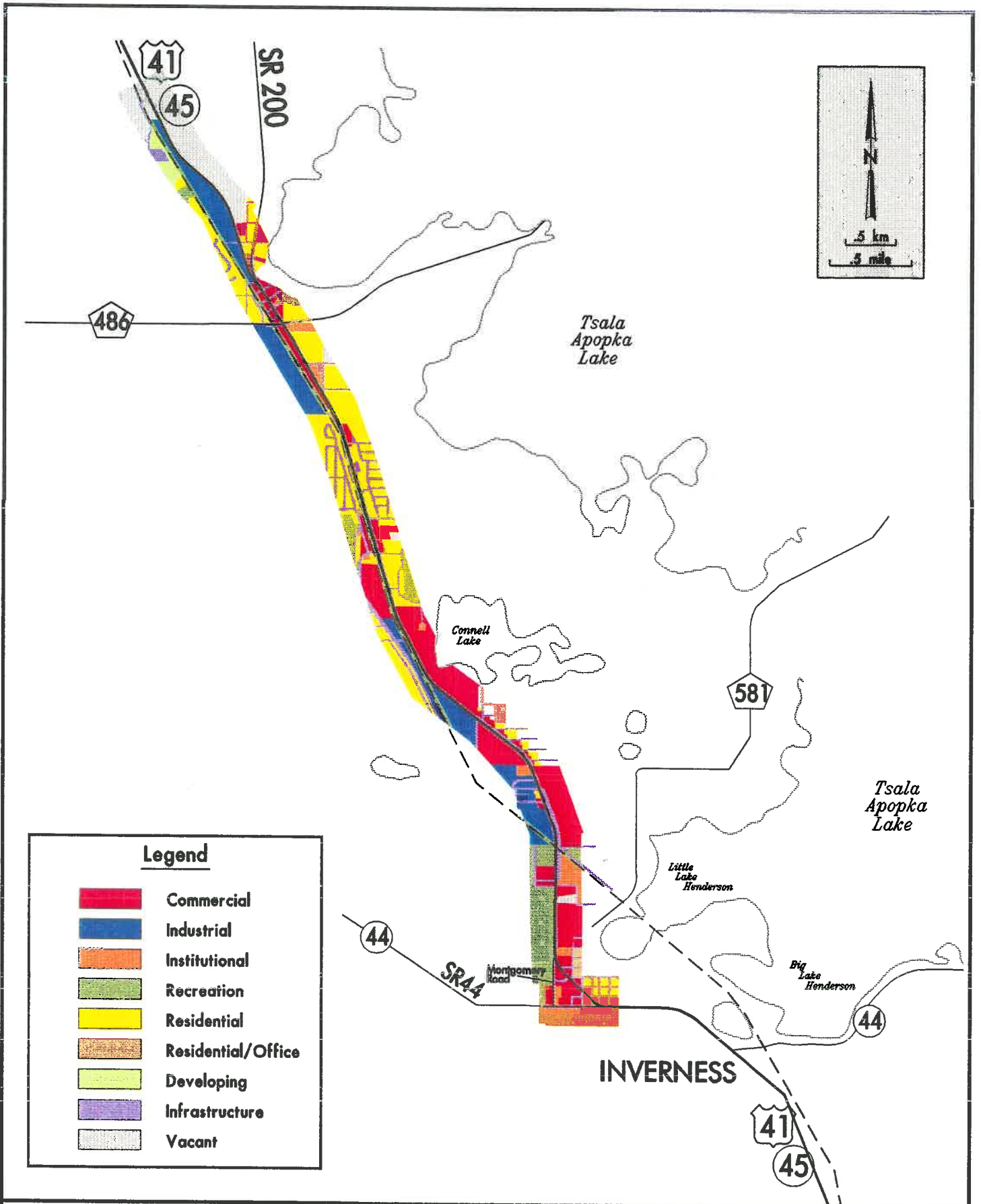


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**EXISTING LAND USE**

**EXHIBIT**

**4**



**Legend**

- Commercial
- Industrial
- Institutional
- Recreation
- Residential
- Residential/Office
- Developing
- Infrastructure
- Vacant

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**FUTURE LAND USE**

**EXHIBIT**  
**5**

## 5.0 UTILITIES

Several utilities exist within and adjacent to the US 41 right-of-way. General locations of these utilities are illustrated in Exhibits 6. The following narratives summarize the information provided by the various utility companies.

### 5.1 ELECTRICAL AND GAS

Florida Power Corporation has an overhead 69 kV transmission line which crosses US 41 just south of Hernando.

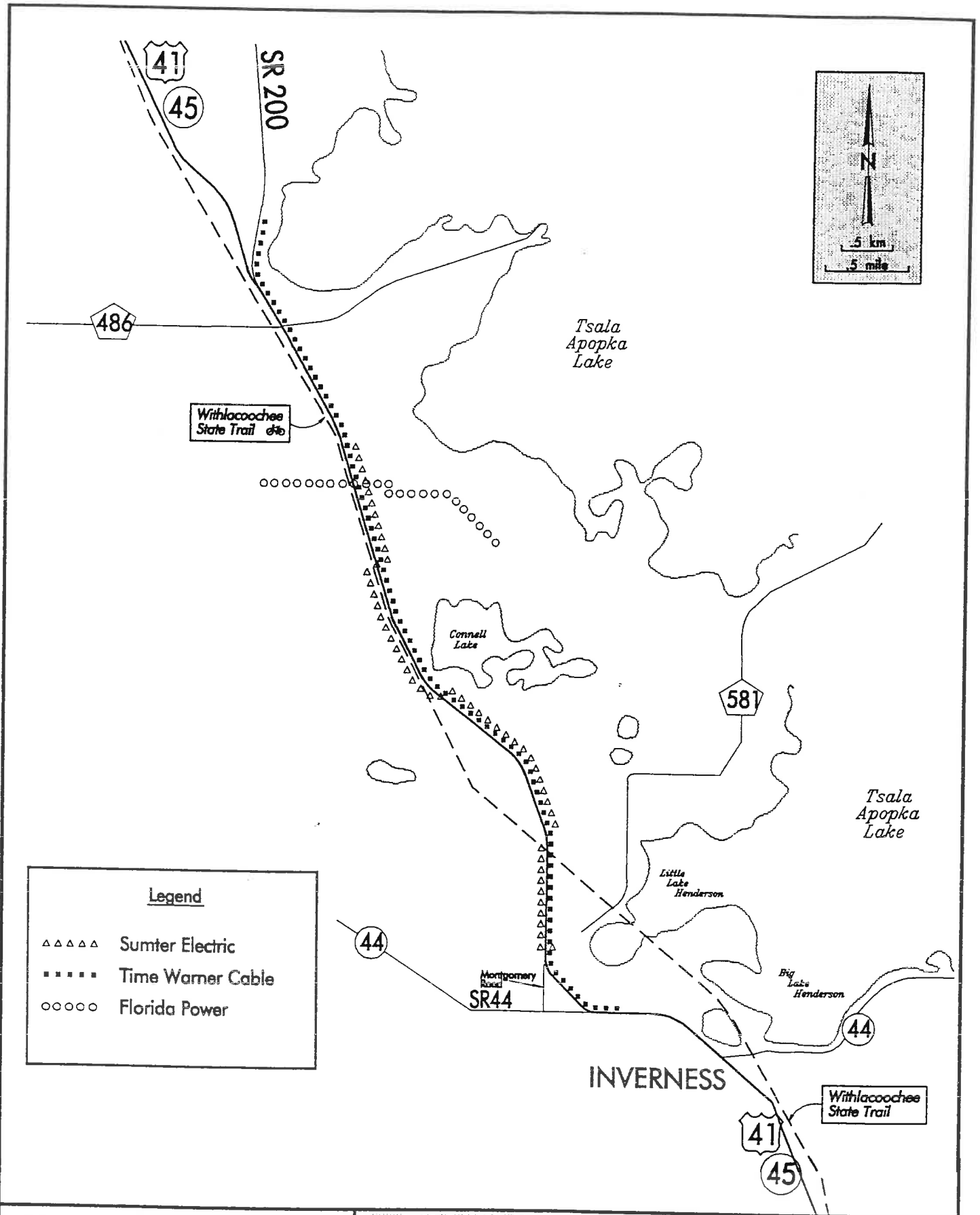
Sumter Electric Coop. Inc. has overhead 14.4 kV distribution lines beginning at the Inverness Shopping Center and continuing north to East Van Ness Road, just south of Hernando. The overhead lines begin on the west side of the street, switching to the east side at Harvest Street, and then switching back at East Tile Court, finally ending on the east side beginning at East Louisiana and continuing north.

### 5.2 TELECOMMUNICATIONS

GTE Mobilnet has two towers within the project study area, located at 9955 N. Florida Avenue and White Lake Road. Conversations with GTE representatives indicated that the towers are set far enough back from US 41 that relocation would not be necessary; no new facilities are currently planned within the corridor.

Time Warner Communications has facilities within the study area consisting of 22.2mm, 15.9mm and 12.7mm (0.875", 0.625" and 0.5") coaxial video cable constructed on the Sumter Electric Coop joint use power poles. The total length of their facility along the corridor is 12km (7.5 miles), beginning at the southern end of the study area and continuing north to SR 200, as well as between E. Kathy Road and E. Milage Place and along SR 486 due east and west of US 41. At the present time there are no plans to increase the facilities in this area.

The Sprint/United Telephone service area along US 41 is from SR 44 to SR 200. The facilities are all underground and consist of fiberoptic and copper cable, some of which may be lead (asbestos) cable. The facilities are located within the US 41 right-of-way, mostly on the east side of US 41, with a few crossovers to the west side (e.g. cable located on the northwest side of the US 41/SR 200 intersection).



**Legend**

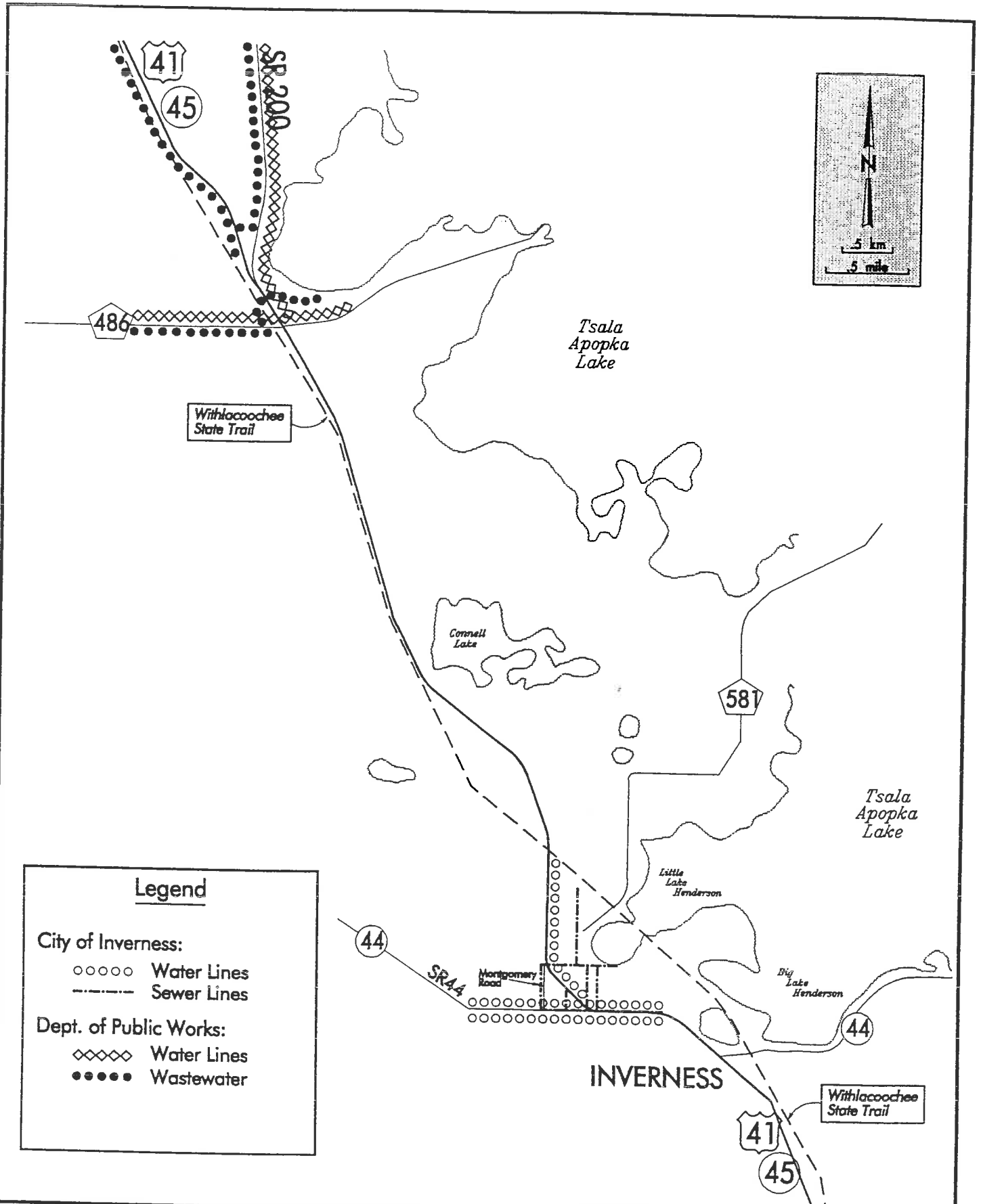
- △△△△ Sumter Electric
- ■ ■ ■ Time Warner Cable
- ○ ○ ○ Florida Power

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**EXISTING UTILITIES**

**EXHIBIT**  
**6a**

utility



**Legend**

**City of Inverness:**

- ○ ○ ○ Water Lines
- - - - Sewer Lines

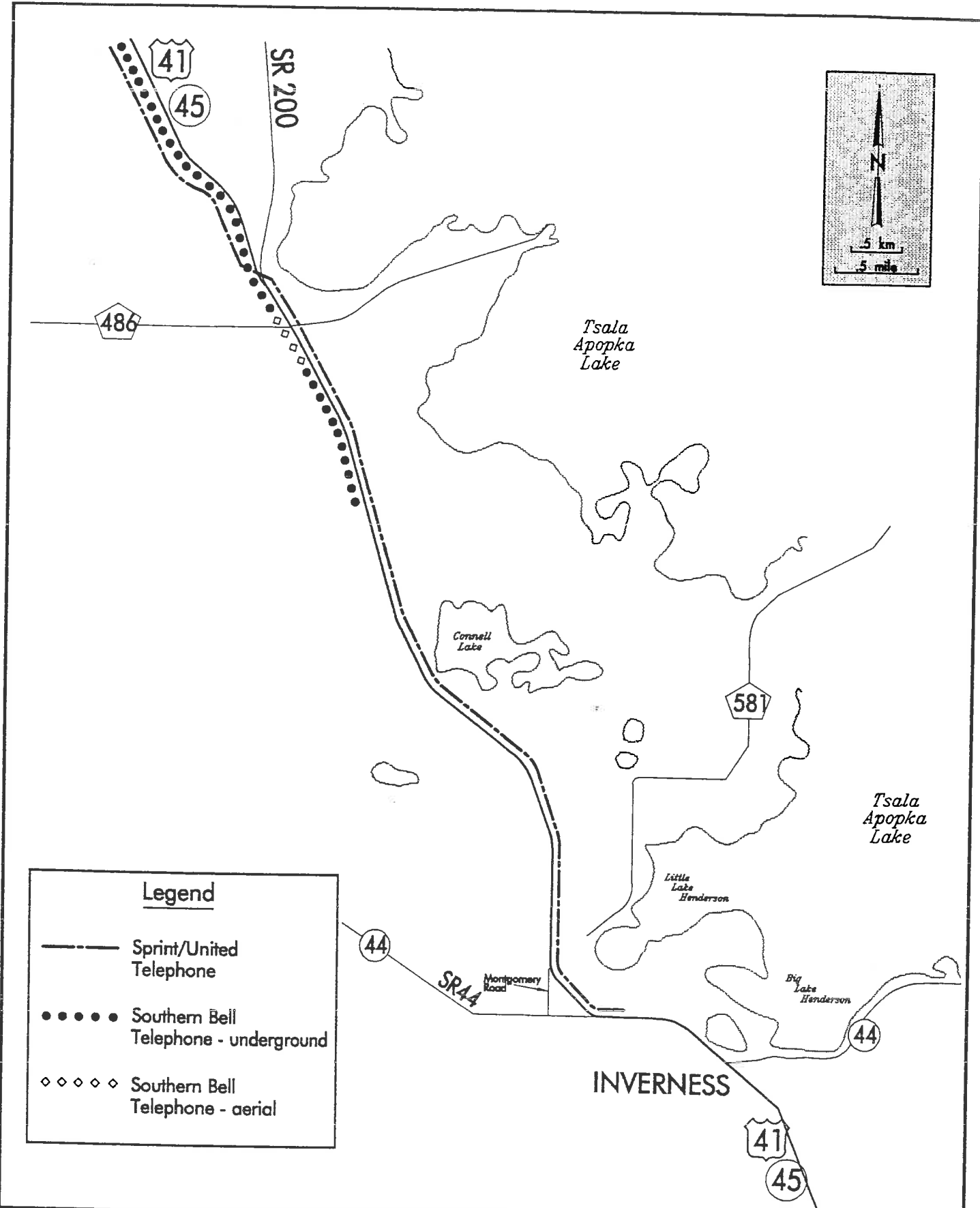
**Dept. of Public Works:**

- ◇ ◇ ◇ ◇ Water Lines
- ● ● ● Wastewater

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**EXISTING UTILITIES**

**EXHIBIT**  
**6b**



**Legend**

- Sprint/United Telephone
- ..... Southern Bell Telephone - underground
- ◇◇◇◇◇ Southern Bell Telephone - aerial

**US 41 RE-EVALUATION**  
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 Citrus County

**EXISTING UTILITIES**

**EXHIBIT**  
**6c**

utility2

The Southern Bell Telephone service area along US 41 runs from Independence Highway to SR 200. The facilities frequently cross US 41 but generally lie within the right-of-way along the west side of US 41. The facilities consist of fiberoptic cable and are underground from Independence Highway up to CR 486 (south side of intersection), aerial from CR 486 to SR 200, and then underground just north of SR 200.

### **5.3 WATER AND SEWER**

Water and sewer facilities in the study area are provided by the City of Inverness and by Citrus County.

#### **Water**

The City of Inverness maintains two water lines on east side of US 41, between SR 44 and Middle School Drive, and one line on both sides of SR 44 between South Boulevard and Osceola Avenue. All structures are connected.

The Citrus County Department of Public Works maintains water lines along the north side of CR 486 (12 inch C 900 PVC water main), along the east side of US 41 between CR 486 and SR 200, and along the east side of SR 200 from US 41 to north of the reevaluation area. An existing water main also crosses US 41 in the area of Apex Lane.

FDOT maintains a Floridan Aquifer well (well identification number 285102082204001) along US 41 near the northern city limits of Inverness.

#### **Sewer**

Citrus County Utilities proposes to expand and interconnect its sewer facilities, especially at the intersections of US 41 and SR 200, and the intersection of US 41 and CR 486. There is an existing sewer line and sewage lift station on the west side of US 41 just north of the intersection of US 41 and SR 200. There is an existing sewer main that crosses US 41 in the area of Apex Lane and turns north, following the western edge of SR 200. There is a 4 inch PVC sewer force main that crosses US 41 at North Orange Drive and extends to CR 486. This force main crosses CR 486 between US 41 and the Withlacoochee State Trail and extends to the west along the south side of CR 486. These facilities

were installed approximately 5 years ago. Only the most recently built properties are connected to this system

Sewer service is also provided by the City of Inverness, whose lines have been in place for several decades. A gravity flow line runs down the center of SR 44 from Montgomery Road to N. Talmadge Street. Force mains runs in the following locations: within the right-of-way on the north side of SR 44 from a point across from the Vo-Tech Park (with a crossing of SR 44 to the Vo-Tech Park) to Montgomery Road; down the center of N. Davidson Street from SR 44 to US 41 (connecting to the gravity main in SR 44); down the center of N. Talmadge Street from SR 44 (connecting to the gravity main in SR 44); and down the center of N. Cherry Street, crossing SR 44. All structures are connected.



## 6.0 HYDROGEOLOGIC FEATURES

### 6.1 HYDROLOGIC FEATURES

Citrus County is located on the coast of west-central Florida. Four major physiographic features have been delineated in Citrus County including the coastal swamps, the Gulf Coastal Lowlands, the Brooksville Ridge, and the Tsala Apopka Plain. The project area is located on the eastern edge of the Brooksville Ridge, just west of the Tsala Apopka Plain. The only exception is in the vicinity of SR 200, where US 41 lies within the Tsala Apopka Plain. The Brooksville Ridge trends north-south and occupies the central part of Citrus County. It extends west of US 41 and ranges from about 27 km (17 mi) in width at the Hernando County line to about 8 km (five mi) in width at the Marion County line. Elevations along the ridge range from 21 to 72 m (70 to 237 ft) above NGVD. The ridge has an irregular surface characteristic of karst topography and elevations may vary up to 30 m (100 ft) over short lateral distances. The soils of the central ridge area are a mixture of poorly drained to well drained sandy, clayey soils. The entire Brooksville Ridge area overlies a clayey unit that varies between 3 and 9 m (10 and 30 ft) in thickness, but it allows good hydraulic connection to the underlying Floridan aquifer system via solution features and fractures (SWFWMD, 1987). Within the Tsala Apopka plain, clastic deposits cover the limestone surface and elevations range from 11 to 23 m (35 to 75 ft) above the NGVD.

Most of Citrus County does not have a surficial aquifer system due to the lack of an extensive confining layer. The Upper Floridan aquifer is the freshwater-bearing portion of the Floridan aquifer in Citrus County. It consists of the Avon Park Formation, the Ocala Group and the Suwanee Limestone. The thickness of the potable water bearing portion of the Upper Floridan aquifer ranges from zero at the coast to 457 m (1,500 ft) in the eastern part of the county. Flow in the Upper Floridan aquifer system is generally towards the coast. The Upper Floridan aquifer is recharged directly by rainfall in areas where a confining layer does not exist, and through sinkholes or by downward leakage from the surficial aquifer system where present.

The project corridor from SR 44 to the vicinity of CR 491 lies in areas of moderate to high Floridan aquifer groundwater pollution potential (SWFWMD, 1987). The remaining project corridor lies in an area of low pollution potential. Most of the project corridor lies within an area of low to moderate

generalized recharge to the Floridan Aquifer. An area of high recharge to the Floridan aquifer exists on the west side of US 41 between SR 44 and CR 486.

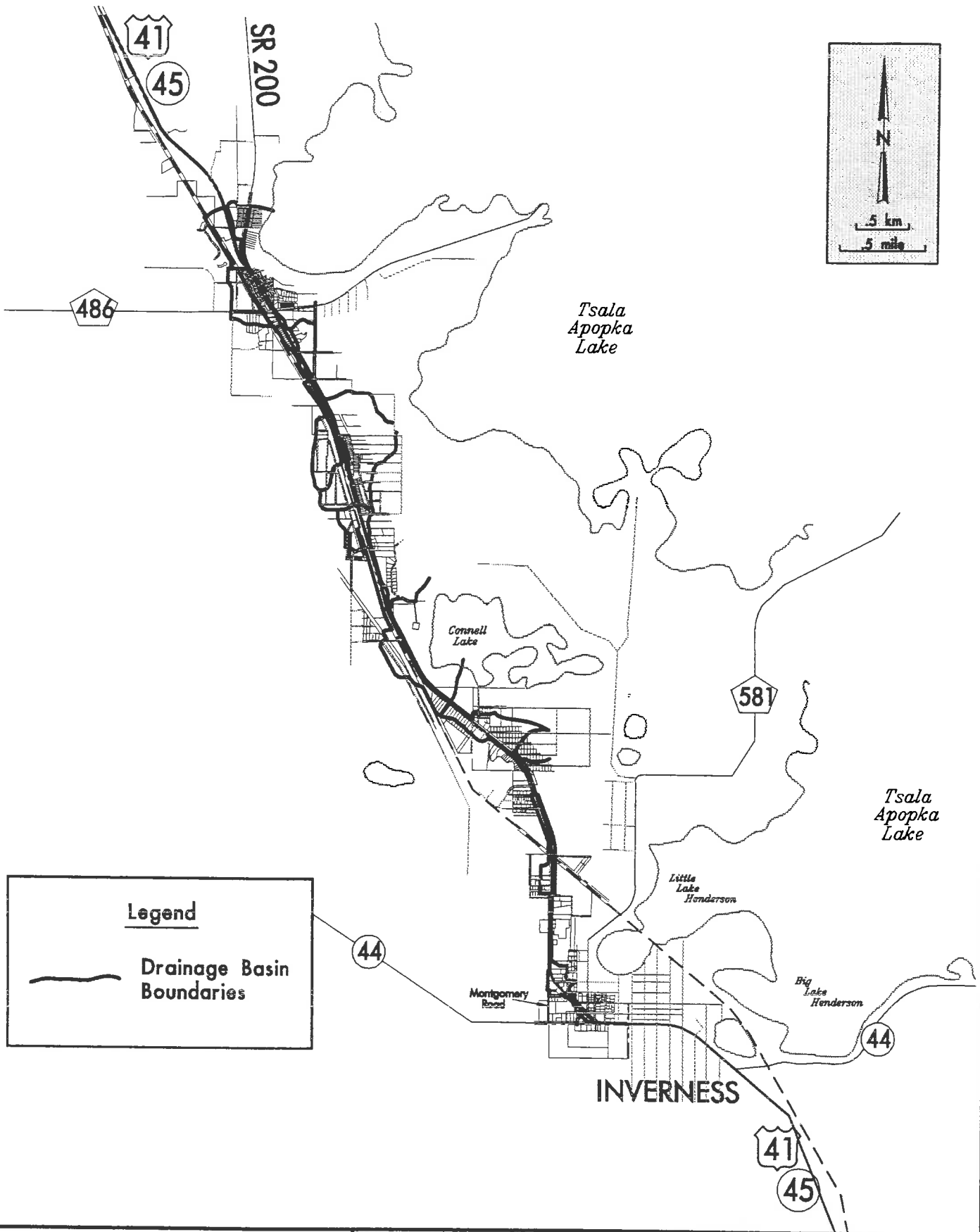
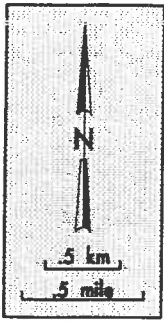
## **6.2 DRAINAGE**

The proposed project lies within the Withlacoochee River drainage basin. Drainage basins depicted on the Preliminary Drainage Maps of the 1993 Location Hydraulics Report and Pond Siting Analysis have been utilized for the current contamination screening reevaluation. These sub-basins have been reviewed and utilized (with one revision incorporated into sub-basin number nine) for the reevaluation of the Location Hydraulics Report and Pond Siting Analysis. The sub-basin boundaries used are shown graphically in Exhibit 7.


Twelve sub-basins have been identified along the US 41 alignment between SR 44 and SR 200. Sub-basin one consists of a small area at the beginning of the project that drains into an existing storm drain/stormwater management system associated with recent FDOT improvements to SR 44 (State Project Number 02010-3515). Sub-basins two through nine discharge into isolated/depressional areas which have no positive outfall. Discharge is accomplished through percolation into the ground and evapotranspiration. Sub-basins ten through twelve discharge to Lake Tsala Apopka, which is considered to have a positive outfall due to its hydrologic connection to the Withlacoochee River and ultimately to the Gulf of Mexico. Lake Tsala Apopka generally lies to the east of the project right-of-way at an elevation of about 11.9 meters (39 feet).

The entire project will be constructed on existing alignment. As noted in the BSA Report, every cross drain is considered to have an associated base flood plain (100-year event) independent of the FEMA flood zone designation. There are four small existing cross drains ranging in size from 450 to 600 mm (18 to 24 in) located under US 41 between SR 44 and SR 200. Since the proposed improvements will replace the existing rural typical section with an urban typical section, it is anticipated that the final design will call for each of the existing cross drains to be replaced or incorporated into the proposed storm drain system.

The sub-basins traversed by the preferred alternative are typically depressional areas along the eastern edge of the Brooksville Ridge. Final drainage design will utilize cross drain conveyance at existing locations along the alignment to serve depressional basins in which overland flow typically exists.



**Legend**

 Drainage Basin Boundaries

**US 41 RE-EVALUATION**  
Project Development &  
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Citrus County

**DRAINAGE BASIN  
BOUNDARIES**

**EXHIBIT  
7**

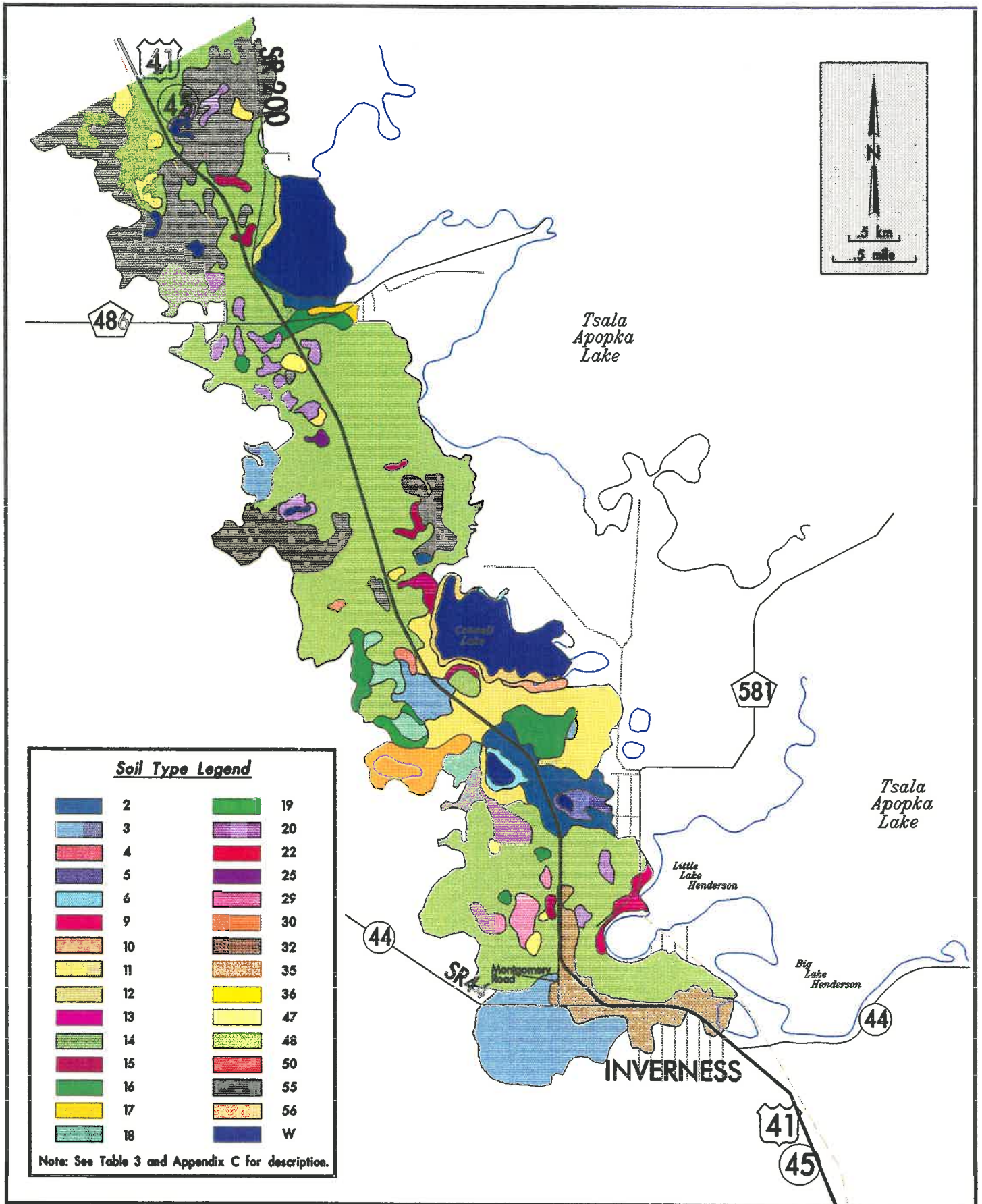
draintmap

Within the project limits, the US 41 alignment does not cross any defined drainage conveyance systems (i.e., creeks or other channelized features, intermittent or perennial). However, the proposed widening of US 41 in the northwest quadrant area of the Montgomery Avenue intersection (in sub-basin two) will impact an existing FDOT stormwater management facility (dry retention) that was constructed and subsequently enlarged, in conjunction with previous US 41 improvements. Maintaining the existing function of this pond, or making provisions for conveyance of runoff to another location, will be addressed in the final drainage design.

### **6.3 SOILS**

The General Soils Map for Citrus County indicates that the project corridor lies within an area of excessively drained and well drained soils (please refer to Exhibit 8 and Table 1). These soils consist of the Candler-Paola-Tavares association, the Candler-Adamsville-Pompano association, and the Arredondo-Kendrick association. Recharge is generally high due to high permeability of these soils and the lack of a confining layer to the Floridan aquifer.

The Candler-Lake-Astatula, Arredondo-Kendrick-Sparr, and Tavares-Adamsville units are classified as mineral soils of the upland ridge. These soils are predominantly found in the central part of Citrus County along the Brooksville Ridge. The Candler-Lake-Astatula map unit is described as consisting of nearly level to moderately sloping, excessively drained soils that are sandy throughout. The Arredondo-Kendrick-Sparr unit consists of nearly level to moderately sloping, well-drained to somewhat poorly drained sandy soils that are underlain by loamy material. Depth of sand in this unit ranges from 0.51 m to over 1.02 m (20 to over 40 in). Nearly level to gently sloping, moderately well-drained and somewhat poorly drained soils that are sandy throughout comprise the Tavares-Arredondo map unit (Natural Resources Conservation Service, Soil Survey for Citrus County).



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# General Soils Map

**EXHIBIT**  
**8**

**Table 1**  
**Soil Types**

<b>Map Symbol</b>	<b>Soil Type</b>
2	Adamsville fine sand
3	Candler fine sand, 0 to 5 percent slopes
4	Candler fine sand, 5 to 8 percent slopes
5	Basinger fine sand
6	Basinger fine sand, depressional
9	Pompano fine sand
10	Pompano fine sand, depressional
11	Tavares fine sand, 0 to 5 percent slopes
12	Immokalee fine sand
13	Okeelanta muck
14	Lake fine sand, 0 to 5 percent slopes
15	Lake fine sand, 5 to 8 percent slopes
16	Arredondo fine sand, 0 to 5 percent slopes
17	Arredondo fine sand, 5 to 8 percent slopes
18	Kendrick fine sand, 0 to 5 percent slopes
19	Kendrick fine sand, 5 to 8 percent slopes
20	Pits
25	Lochloosa fine sand, 0 to 5 percent slopes
29	Astatula fine sand, 0 to 5 percent slopes
30	Astatula fine sand, 5 to 8 percent slopes
32	Chandler-Urban land complex, 0 to 8 percent slopes
35	Sparr fine sand, 0 to 5 percent slopes
36	EauGallie fine sand
47	Fort Meade loamy fine sand, 0 to 5 percent slopes
48	Arents, 45 to 65 percent slopes
50	Kanapaha fine sand, 0 to 5 percent slopes
55	Udorthents, 0 to 5 percent slopes
56	Lake, clayey surface, 0 to 5 percent slopes
W	Water

Source: USDA, Soil Conservation Service (National Resource Conservation Service), 1988.

## 7.0 METHODOLOGY

The first phase of the contamination screening process involved a review of Florida Department of Environmental Protection (FDEP) wastewater, hazardous waste and storage tank printouts for Citrus County, and a preliminary windshield survey (conducted July 29, 1997) of the study area. Changes in land use or facility name for the sites identified in the 1994 Contamination Screening Report were noted, as were sites not identified in the original document. This was done in conjunction with other reconnaissance activities undertaken for the initial constraints mapping phase of the study. The FDEP printouts consisted of STCMPCT1 line version, and GMS databases on hazardous waste and wastewater generators. The STCMPCT1 line version provides the names, addresses, status, type, and cleanup status of facilities with records of petroleum or hazardous waste storage tanks, including dry cleaners. The GMS database provides names and addresses, source, and handler types of facilities which handle hazardous waste. It also provides information on domestic and industrial wastewater; information on solid waste facilities was not available at this phase of the screening process.

The second phase of the contamination screening evaluation was conducted between October 1997 and March 1998, during the comparative evaluation of the Build Alternatives proposed at that time. The screening process was accomplished through a field examination, review of aerial photography, study of the various environmental and local agencies' data bases, investigations into past land uses, and interviews with agency personnel and local officials. Site recommendations were made based on an analysis of the available material, including consideration of area soils, topography and hydrologic features.

Updated FDEP printouts were made available, and were obtained, in March 1998 (and again in July, 1998) for the sites within or near the proposed right-of-way and were used as supporting information for the evaluation process. These printouts included the following databases:

1. GMS - Groundwater Management System and the Hazardous Waste Compliance and Enforcement Tracking System. These computer printouts provided facility class information (small-quantity generator, generator, transporter, wastewater treatment facilities, landfills, et al). These listings contained U.S. Environmental Protection Agency and State identification and permit numbers. The information is also limited to those operations which had notified under RCRA, and/or had been inspected. Field reviews for the US 41 project disclosed a

number of sites which are suspected hazardous waste handlers; very few of these sites are listed in the FDEP database.

2. STCMPCT1- Stationary Tank and Contamination Monitoring; Petroleum Contamination Detail Report. This list, sorted by FDEP facility identification number, provided information on facility status and type. Only tanks that had been registered with FDEP appeared on this list; numerous abandoned underground tanks not appearing on the list may be found throughout the state.

Site-specific information, on sites added since the original CSER (1994) and for the original sites from 1994 to the present, was obtained from the available files at the USEPA Web site, the FDEP District office in Tampa (and from the FDEP Web site), the Citrus County Fire Prevention Bureau, and the Citrus County Codes Division of Zoning and Permits. The Citrus County Fire Prevention Bureau maintains information on storage tanks. The Citrus County Division of Zoning and Permits maintains information on dump sites throughout the county. Additionally, FDOT District 7 was contacted to provide any information on contamination which may have been available from the SR 44 project in the vicinity of its intersection with US 41. FDEP was also contacted to provide information on hazardous waste spills on US 41 (there were no records of spills on US 41 since 1994). Relevant documentation on potential contamination sites has been incorporated into Appendix A.

Previous land uses may indicate additional potential contamination sites, as petroleum products and hazardous materials may remain in the environment for many years. Polk City Directories for several years (1970s through 1990s) were consulted, but they covered only the Inverness area.

An inventory of potential sites was developed based on distance from the proposed right-of-way. Sites discussed are generally less than 61 m (200 ft) from the proposed right-of-way.

There are three state cleanup programs which may be applicable to the potential contamination sites. However, these programs will terminate shortly, as they were not renewed by the 1998 Legislature. These programs are the Early Detection Incentive Program (EDI), the Petroleum Liability Insurance and Restoration Program (PLIRP), and the Abandoned Tank Restoration Program (ATRP). Under these programs the State either handles all cleanup tasks or the responsible party pays the costs initially and receives reimbursement from the State for monies expended. Payment is currently subject to a site's ranking on the Florida Site Files List and to pre-approval of cleanup actions and costs by FDEP



staff. An NPDES notification must have been filed with FDEP by 1995 for a responsible party to have a reasonable chance of being reimbursed for cleanup activities due to the fact that funding is running out, and that the programs are being allowed to sunset.

The main field review of potential contamination sites for this project was performed on March 12, 1998. The contamination screening check list from Chapter 22 of the PD&E Manual was used as a guideline for evaluating site conditions in the field. Information obtained through this field work included types of hazardous materials and petroleum products handled, location and condition of storage tanks, storage of hazardous waste drums, general maintenance of the facility, and past land uses at the location. A Site Review Information Form was completed for each potential contamination site. These forms are included in Appendix B. Additional information was also obtained through telephone conversations with property owners.

It was determined that none of the businesses identified as potential contamination sites north of the Inverness Middle School have ever been connected to a sanitary sewer system. None of the sites north of Inverness have been connected to a public water supply. The existing water and sewer lines in the Hernando area were installed approximately five years ago, but only new construction has been required to connect so far. Notices of mandatory connection to water and sewer in this area, along with mandatory well capping and removal of septic tanks (required by local ordinance), have been mailed by the County over the past two months. It will take years for these actions to occur, due to expense, monitoring, and shortage of personnel. This presents additional concern for the proposed project, since septic systems and private wells may be contaminated, and cleanup of any contamination encountered may not have occurred prior to right-of-way acquisition for the proposed improvements to US 41. Although sewer and water lines in the Hernando area are fairly new and infrequently utilized, they may play a role in contamination migration. The water and sewer lines along SR 44 in Inverness were involved during the recent widening of that facility. The City's smaller force mains are generally not located within the right-of-way of US 41. The water lines along the east side of US 41 in Inverness may serve as contamination conduits.

All properties within 61 m (200 ft) of the proposed right-of-way, with the exception of residential and vacant properties, were evaluated for the possible presence of contamination. Residential and vacant properties evaluated were not subject to the 61 m (200 ft) limit. A determination of the risk of

encountering contamination was made after review of all available information. These determinations were based on the likelihood that contamination exists at the site, and on the degree of concern this presents for the proposed project. The risk rating system identifies four degrees of risk for general reference purposes: **No**, **Low**, **Medium**, and **High**. Sites where known spills or leakages have occurred may not necessarily present great cause for concern if the environmental agencies are aware of the situation, enforcement actions are being taken, and remedial activities are either completed or are underway. Properties which are not identified or discussed within this memo were determined to be no risk.

The risk ratings are defined as follows:

**No** - After a review of available information, there is nothing to indicate contamination would be a problem. It is possible that contaminants have been handled on the property; however, all available information indicates problems should not be expected.

**Low** - The former or current operation has a hazardous waste generator identification (ID) number, or deals with hazardous materials; however, based on all available information, there is no reason to believe there would be any involvement with contamination.

**Medium** - After a review of all available information, indications are found (reports, Notice of Violations, consent orders, etc.) that identify known soil and/or water contamination and that the problem does not need remediation, is being remediated (i.e., air stripping of the ground water, etc.), or that continued monitoring is required. Also included within this risk rating are sites which present a moderate degree of concern regarding contamination but do not have sufficient indications of contamination to be included in the high risk category.

**High** - After review of all available information, there is a potential for contamination problems. Further assessment will be required after alignment selection to determine the actual presence and/or levels of contamination and the need for remedial action.

Non-residential properties which are not discussed within this memo were evaluated for potential contamination but were considered **no risk** and no further discussion was determined to be necessary.

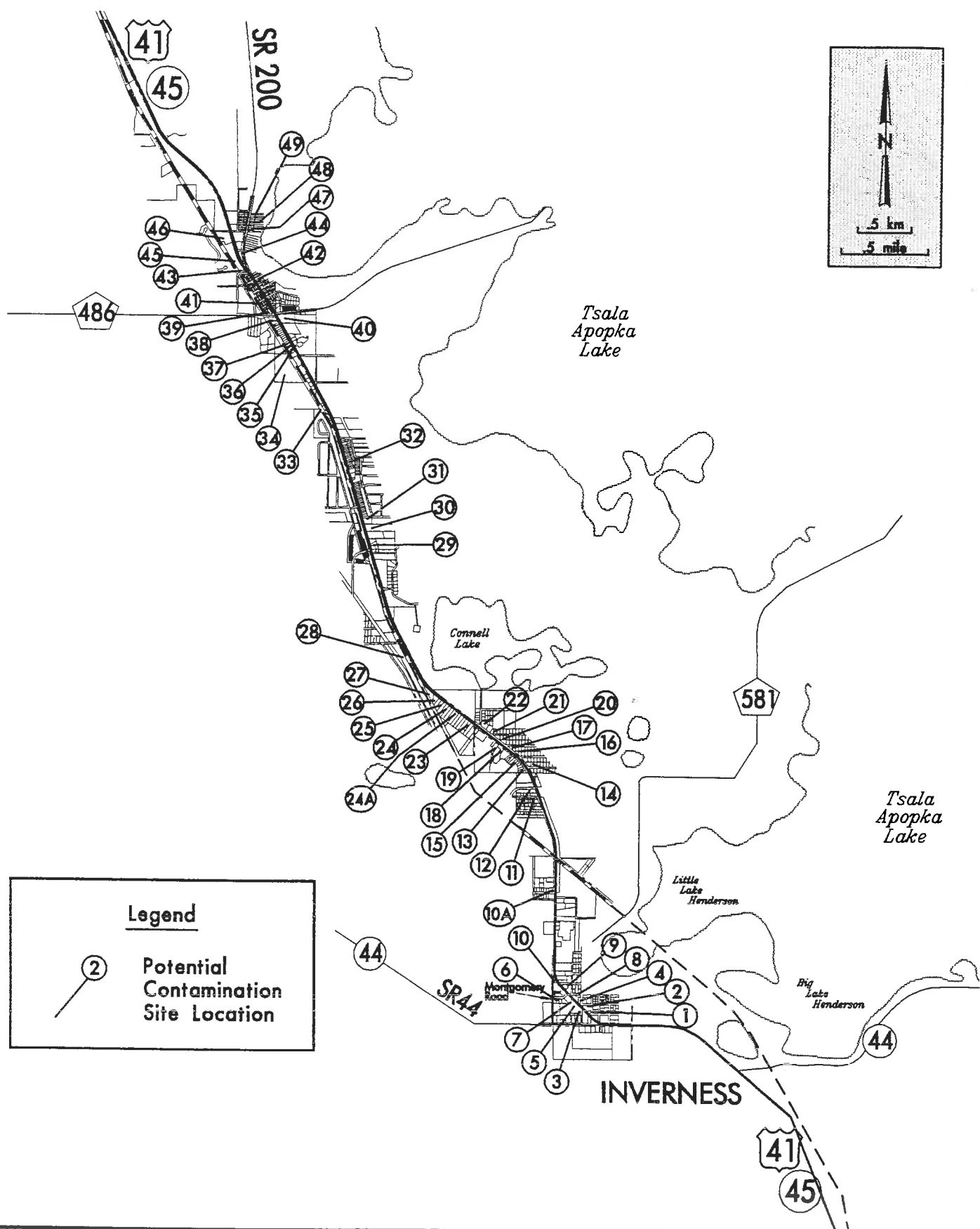
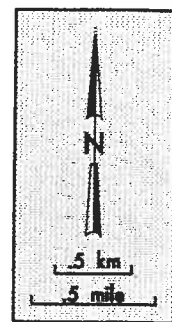
## 8.0 PROJECT IMPACTS AND REGULATORY STATUS OF SITES

Exhibit 9 depicts the locations of the 51 potential contamination sites identified within 61 m (200 ft) of the proposed right-of-way. The original CSER identified 25 of the 52 current sites. The sites have also been identified on the Conceptual Design Plans, which are included in this report under separate cover as Appendix C. Table 2 gives a summary of information on these 51 potential contamination sites including potential contaminants, agency identification numbers, standard industrial codes, the proximity of the property to the proposed right-of-way for US 41, and assigned risk rating. If a site was identified during the original 1994 contamination screening evaluation, its original identification number has been provided in this table, and in the narrative for each site. A listing of the standard industrial codes, and the kinds of hazardous materials often associated with the, is included in Appendix D. Table 3 displays information on known tanks associated with the potential contamination sites including type of construction, size, contents, and installation dates. Photographs of potential contamination sites can be found in Appendix E.

**Reevaluation Site # 1/Original Site #1 - Vacant gas station (former C-Mart #429), 1002 N. US 41 (northeast corner of US 41/Ella).** Coastal Mart, Inc. and San Ann Food Stores, Inc. owned and operated a retail gas station at this site, which is now vacant (razed) except for remnants of a pump island and a tank loading area. According to FDEP records, two underground storage tanks installed in 1969 containing leaded gas and gasohol have been removed from the site. There is no information as to whether piping has been removed. The FDEP records do not indicate that contamination has been discovered at this site. However, there is no indication

that testing was conducted at the time of tank removal. The preferred alternative would directly impact this site with half of the site incorporated into the right-of-way. There are underground utilities along US 41 and along Ella Avenue at this site. Adjacent properties are commercial land use; residential land use is located across from the site along Ella Avenue. The original recommendation for a Level II investigation is valid. Based on the available information, this site is given an assessment of **high** risk.

**Reevaluation Site # 2/Original Site #2 - Amoco gas station/car wash #88, 1010 N. US 41.** This station is owned by Quality Petroleum Corporation of Lakeland, and operated by Hop-N-Save. It is located approximately 91 m (300 ft) north of the US 41/Ella Avenue intersection. There are four 37,854 liter



**Legend**

② Potential Contamination Site Location

**US41 RE-EVALUATION**  
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**POTENTIAL  
 CONTAMINATION SITES**

**EXHIBIT  
 9**

haz-map

**Table 2**  
**Summary of Potential Contamination Sites**

Site # 1998	Site # 1994	Facility Name/Address	Potential Contamination Source	Standard Industrial Code <sup>1</sup>	Agency ID Number <sup>2</sup>	Distance <sup>3</sup> meters (feet)	Risk Assessment
1	1	Vacant gas station (former C-Mart #429) 1002 N. US 41	Petroleum products	5541	8503032	0 (0)	High
2	2	Amoco gas station/car wash #88, 1010 N. US 41	Petroleum products	5541	8842354	0 (0)	Medium
3	3	West Coast Insurers (former Charter Food/Circle K #00201, Super Test) 1101 N. US 41	Petroleum products	5541	8518712	0 (0)	Low
4		Realty World /Landmark Investments 1102 N. US 41	-----	-----	-----	-----	No <sup>4</sup>
5	4	Powell Square Auto Repair (former Main Street Garage) 1203&1213 N. US 41	Solvents, acids, petroleum products, used oil	7538	-----	0 (0)	Low
6		Touch of Quality Cleaners 1128 Sterling Rd.	Solvents	7215	9501401/FLD98 4234344	110 (361)	Medium
7		Ferenc's Auto Body Supplies (Ferenc's Auto Refinishings) 1221 N. US 41	Solvents, acids, petroleum products, used oil	5531/7535	-----	0 (0)	Medium
8		Kentucky Fried Chicken (former Citrus County Taxi Co.) 1110 N. US 41	Petroleum products, used oil	4121	-----	0 (0)	Medium
9	5	Circle K Gas Station #8623	Petroleum products, used oil	5541	8840275/FLD98	0 (0)	Medium

Site # 1998	Site # 1994	Facility Name/Address	Potential Contamination Source	Standard Industrial Code <sup>1</sup>	Agency ID Number <sup>2</sup>	Distance <sup>3</sup> meters (feet)	Risk Assessment
10		Vacant (former H's Motor Coach Sales, Inverness Animal Hosp.) 1403 N. US 41	Solvents, acids, alkalis, petroleum products, used oil, lead-based batteries, medical wastes, x-ray solutions	5271	-----	0 (0)	Medium
10A		Summit Pool Supply Co. 1817 N. U.S. 41	Acids, alkalis, waste ammonia, ignitable wastes (Flash point less than 140 degrees Fahrenheit)	7349	FL0000298174/ C04#46783-FL- 003A94 (A91)/ 046783FL003	0 (0)	Low
11	6	Frank's Auto / Charlie's Top Shoppe Auto Upholstery 2115 N. US41	Solvents, acids, alkalis, petroleum products, used oil, lead-based batteries	7538/7531/7641	-----	0 (0)	Medium
12		Citrus Cycle Center (former Jordan's Tropicare) 2277 N. US 41	Solvents, acids, alkalis, petroleum products, used oil, lead-based batteries	5571	-----	0 (0)	Low
13		Golden X Plumbing Supply 8 N. Florida Ave.	Petroleum products, solvents	5251	-----	0 (0)	Low
14	7	Dilbert's Diesel Repair (formerly Dilbert's Nursery/Landscaping) 25 N. Florida Ave.	Solvents, acids, alkalis, lead- based batteries, petroleum products, used oil, pesticides, herbicides, fungicides	7538/0181	-----	0 (0)	Medium
15	8	Tony's Auto Clinic (former Jim's Muffler Shop and Jordan's Tropicare) 30 N. Florida Ave	Solvents, acids, alkalis, petroleum products, used oil, lead-based batteries	7538	-----	0 (0)	Low

Site # 1998	Site # 1994	Facility Name/Address	Potential Contamination Source	Standard Industrial Code <sup>1</sup>	Agency ID Number <sup>2</sup>	Distance <sup>3</sup> meters (feet)	Risk Assessment
16	9	Advanced Tire & Auto (former Bork's Auto, Tony's Auto Clinic, and Lou's BP) 55 N. Florida Ave.	Solvents, acids, alkalis, petroleum products, used oil, lead-based batteries	5541/7538/753 4	8503116	0 (0)	High
17	10	Como Auto Sales (formerly included Spencer's Wheel Alignment) 61 N. Florida Ave.	Solvents, acids, alkalis, petroleum products, used oil, lead-based batteries	5521/7538	-----	0 (0)	High
18	11	Brown's Auto Service (former A-I A Glass Co.) 70 N. Florida Ave.	Solvents, acids, alkalis, petroleum products, used oil, lead-based batteries	7538	8840788	0 (0)	Medium
19		Citrus Collision & Paint/ Precision Machine 76 N. Florida Ave.	Solvents, acids, petroleum products, used oil	7531/7535	FLD982168411 (EPA/FDEP ID #)	0 (0)	Low
20	12	Sportsmans Express Chevron (former Sportsmans Park Amoco, Fina/ U-Haul), 79 N. Florida Ave. (possible former Greyhound, Trailways bus station)	Petroleum products, propane	5541	8840219	0 (0)	Medium
21		Tuten Motors (former All-Tech Cable) 5001 Tangelo Lane	Solvents, acids, alkalis, petroleum products, used oil, lead-based batteries	5521	-----	0 (0)	Medium
22		Citrus Auto Air, JD's Plaza 115 N. Florida Ave.	Solvents, acids, alkalis, petroleum products, used oil, lead-based batteries, freon	7538	-----	0 (0)	Low

Site # 1998	Site # 1994	Facility Name/Address	Potential Contamination Source	Standard Industrial Code <sup>1</sup>	Agency ID Number <sup>2</sup>	Distance <sup>3</sup> meters (feet)	Risk Assessment
23		Citrus Auto Sales 114 N. Florida Ave.	Solvents, acids, alkalis, petroleum products, used oil, lead-based batteries	5521	-----	0 (0)	Low
24		Discount Auto (former McDaniel Nursery Sod & Landscaping) 156 N. Florida Ave.	Solvents, acids, alkalis, petroleum products, used oil, lead-based batteries, pesticides, herbicides, fungicides	5521	8945437	0 (0)	Low
24A		Gorman's Pool Supply Co. 144 N. Florida Ave.	Acids, alkalis, waste ammonia, ignitable wastes (flash point less than 140 degrees Fahrenheit)	7349	FL0001121078/ 041970FL023	0 (0)	Low
25		Mitchell's Mustangs (former U-Haul) 164 N. Florida Ave.	Solvents, acids, alkalis, petroleum products, used oil, lead-based batteries, propane	5521/7513	-----	0 (0)	Low
26	13	Auto Accurate Tires (former Advanced Tire & Auto, Air Ride Tire, gas station) 174 N. Florida Ave.	Solvents, acids, alkalis, petroleum products, used oil, lead-based batteries	7531/5541	-----	0 (0)	High
27		Thompson A + Sod N. Florida Ave., immediately north of Auto Accurate Tires. (Mail: 8315 E. Turner Camp Rd.)	Solvents, acids, petroleum products, used oil, pesticides, herbicides, fungicides	0782/7699	-----	0 (0)	Medium
28	14	Plaza Industrial Park 4434 Arlington St.	Solvents, acids, alkalis, petroleum products, used oil, lead-based batteries	7699	-----	0 (0)	Medium
29	15	Bobby Clark Auto & RV Sales 1041 N. Florida Ave.	Solvents, acids, alkalis, petroleum products, used oil, lead-based batteries	5521/5271	-----	0 (0)	Medium



Site # 1998	Site # 1994	Facility Name/Address	Potential Contamination Source	Standard Industrial Code <sup>1</sup>	Agency ID Number <sup>2</sup>	Distance <sup>3</sup> meters (feet)	Risk Assessment
30	16	Express Inc. (F X Press) Truck Repair (former Rod's Muffler Shop) 1155 N. Florida Avenue	Solvents, acids, alkalis, petroleum products, used oil, lead-based batteries	7538	-----	0 (0)	Low
31	17	Kwik King Citgo Gas #56 1211 N. Florida Ave.	Petroleum products	5541	8735400	0 (0)	Medium
32		Kay-Dawson Propane Sales & Service 1561 N. Florida Ave.	Propane	5984	-----	0 (0)	Low
33	18	Van Ness Auto Parts (closed 1990), 1876 N. Florida Ave.	Solvents, acids, alkalis, petroleum products, used oil, lead-based batteries	5531	8735889	0 (0)	Medium
34		Citrus Auto Salvage/ NEXTEL Communications tower site, 3651 Langspur Court (west side of WST across from Spooner Lane)	Petroleum products, used oil, acids, alkalis, lead-based batteries	5093	-----	75 (246)	Low
35	19	Butler's Used Cars (former Auto Corral closed 1992, former Union 76 in 1960's) 2244 N. Florida Ave.	Solvents, acids, alkalis, petroleum products, used oil, lead-based batteries	5521/5541	8630778	0 (0)	Low
36		Security Pest Control 2258 N. Florida Ave	Pesticides	7342/5521	-----	0 (0)	Low
37	20	Shell Station (former Chevron - Hernando, Shell, Chevron) 2300 N. Florida Ave.	Solvents, acids, alkalis, petroleum products, used oil, lead-based batteries, propane	5541	8503072	0 (0)	Low

Site # 1998	Site # 1994	Facility Name/Address	Potential Contamination Source	Standard Industrial Code <sup>1</sup>	Agency ID Number <sup>2</sup>	Distance <sup>3</sup> meters (feet)	Risk Assessment
38	21	Kwik King #05 (Exxel Gas) (former CITGO) 2408 N. Florida Ave.	Petroleum products	5541	8503112	0 (0)	Medium
39		Vacant commercial site (former Charlie's Fina, Wooten's Auto/Autocorp Auto Sales) 2480 N. Florida Ave.	Solvents, acids, alkalis, petroleum products, used oil, lead-based batteries	5521/5541	8503028	0 (0)	Medium
40		Lakeview Elementary School 2435 N. Florida Ave.	Petroleum products	8211/4952	8732270/ FLA011841	0(0)	Low
41	22	Wooten Auto Care/Honest Engine (former Miley's House Moving) 2522 N. Florida Ave.	Solvents, acids, alkalis, petroleum products, used oil	5521/7538	8945073	0 (0)	Medium
42	23	Mike's Tires (former Roberts Automotive, Roberts BP) 2651 N. Florida Ave.	Solvents, acids, alkalis, petroleum products, used oil, lead-based batteries	5521/5541	8503162	0 (0)	Medium
43	24	Heritage Propane (former Texaco) 2700 N. Florida Ave.	Propane, leaded gas, kerosene	5984/5541	9200411/ 9200412 (former Texaco)	0 (0)	Low
44	25	Cumberland Farms Station and Carwash, 2805 N. Florida Ave.	Petroleum products	5541	8626536/FLD98 4224832	0 (0)	Low
45		Krystal Klean Laundromat (Hernando Plaza, Bldg. 2) 2780 N. Florida Ave.	Solvents	7215	FLA011945	23 (75)	Low

Site # 1998	Site # 1994	Facility Name/Address	Potential Contamination Source	Standard Industrial Code <sup>1</sup>	Agency ID Number <sup>2</sup>	Distance <sup>3</sup> meters (feet)	Risk Assessment
46		Cato Classic Aluminum Trailers (former bedding co., paint & lumber co.) 2912 N. Florida Ave.	Propane, acids, solvents	3537	-----	0 (0)	Low
47		JD Welding, 3515 E. Louise Lane	Propane	7692	-----	0 (0)	Low
48		Absolute Quality Paint & Body 3515 E. Louise Lane	Solvents, acids, petroleum products, used oil	7531/7535	-----	0 (0)	Low
49		Don's Front End Service 3044 N. Carl G. Rose Hwy. (SR 200)	Solvents, acids, alkalies, petroleum products, used oil, lead-based batteries	7538	-----	0 (0)	Low

<sup>1</sup> Standard Industrial Code provided is for the existing or former land use which presents the potential contamination concern.

<sup>2</sup> FDEP Identification Numbers. ( Citrus County and USEPA both cross-reference to FDEP's Identification Numbers.)

<sup>3</sup> Distance provided is from the property boundaries of the potential contamination source to the proposed right-of-way for US 41. A distance of zero indicates the potential contamination site property is directly adjacent to, or within, the proposed right-of-way.

<sup>4</sup> Additional research revealed no risk of contamination involvement at this site.

**Table 3**  
**Summary of Tank Sites**

Site # 1998	Site # 1994	Facility/Address	Number of Tanks	Date of Installation	Tank Size liters (gallons)	Tank Contents	Tank Construction/ Piping System	Monitoring System
1	1	Vacant gas station (former Cargo Mart #429), 1002 N. Main St. #098503032	2 UG Removed 2 UG Removed	All 12/69	15,142 (4,000) 11,356 (3,000)	Leaded gas Gasohol	A, Y	B
2	2	Amoco gas station/car wash #88, 1010 N.W. Hwy. 41 #098842354	3 UG In Service 1 UG In Service	All 12/88	37,854 (10,000) 37,854 (10,000)	Unleaded gas Vehicular diesel	AFMO, CJ	BH
3	3	West Coast Insurers (former Charter Food/Circle K #00201, Super Test), 1101 N. Hwy 41, #098518712	3 UG Removed 1993	7/78	37,854 (10,000)	Unleaded gas	CO, BJ	BO
6		Touch of Quality Cleaners 1128 Sterling Rd. #09501401	1 AG	Unknown	Unknown	Tetrachloroethylene	Unknown	Unknown
9	5	Circle K #8623, 1224 US 41 N #098840275	3 UG In Service	All 4/88	37,158 (9,816)	Unleaded gas	AEMO, CJ	AH
16	9	Advanced Tire & Auto (former Bork's Auto, Tony's Auto Clinic and Lou's BP #87349C), 55 N. Florida Ave. #098503116	2 UG Removed 1 UG Removed 1 UG Removed	2/72 7/82 5/72	3,785 (1,000) 7,570 (2,000) 3,785 (1,000)	Unleaded gas Leaded gas Vehicular diesel	C, C C, C C, C	Y Y Y
18	11	Brown's Auto Service (former A-1 A Glass Co.) 70 N. Florida Ave. #098840788	2 UG Closed in Place	All 7/68	3,785 (1,000)	Leaded gas	C, B	NONE
20	12	Sportsman's Express Chevron (former Sportsman Park Amoco, Fina/U-Haul), 79 N. Florida Ave. #098840219	3 UG In Service	All 2/88	22,712 (6,000)	Unleaded gas	AGM, B	B
24		Discount Auto (former McDaniel Nursery Sod & Landscaping)	1 UG Closed 1 UG Closed	Unknown Unknown	1,893 (500) 1,893 (500)	Unleaded gas Fuel oil (onsite)	C,Y C,Y	Y Y

Site # 1998	Site # 1994	Facility/Address	Number of Tanks	Date of Installation	Tank Size liters (gallons)	Tank Contents	Tank Construction/ Piping System	Monitoring System
26	13	Auto Accurate Tires (former gas station), 174 N. Florida Ave.**	Unknown	Unknown	Unknown	Leaded gasoline	Unknown	Unknown
31	17	Kwik King Store #56, 1211 N. Florida Ave. #098735400	2 UG In Service 1 UG In Service	All 11/87	30,283 (8,000) 22,172 (6,000)	Unleaded gasoline Unleaded gasoline	AFMO, CJ AFMO, CJ	BH BH
32		Kay Dawson Propane Sales & Service, 1561 N. Florida Ave.	All Aboveground	-----	-----	Propane	-----	-----
33	18	Van Ness Auto Parts 1876 N. Florida Ave.	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
35	19	Butler's Used Cars (former Auto Corral closed 1992, former Union 76 in 1960's**) 2244 N. Florida Ave.	3 UG Removed 1992	Unknown	3,785 (1,000)	Leaded gasoline	Unknown	Unknown
37	20	Shell station (former Chevron-Hernando 2300 N. Florida Ave. #098503072	2 UG In Service 1 UG Removed 2 UG Removed 1 UG Removed (Removed before 1994)	4/91 Unknown Unknown Unknown	37,854 (10,000) 15,142 (4,000) 11,356 (3,000) 2,082 (550)	Unleaded gasoline Leaded gasoline Unleaded gasoline Unknown/not reported	AFIM, CFGS	FG
38	21	Kwik King Store #05 (Exxel Gas) (former CITGO), 2408 N. Florida Ave. #098503112	1 UG In Service 1 UG In Service	All 6/78	37,854 (10,000 ) 22,172 (6,000)	Unleaded gasoline Unleaded gasoline	ACGM, BEJ ACGM, BEJ	BH BH
39		Vacant commercial site (former Charlie's Fine, Wootens Auto/Autocorp Auto Sales) 2480 N. Florida Ave. #098503028	3 UG Closed 1990	3/82	34,068(9,000) 34,068 (9,000) 11,356 (3,000)	Leaded gas Unleaded gas Vehicular diesel	All AC, C	Not Available (closed)
40		Lakeview Elementary School 2435 N. Florida Ave. #098732270	1 UG Removed 1 UG Removed	7/78 8/87	3,785 (1,000) 7,571 (2,000)	Leaded gas Unleaded gas	Unknown	Unknown

Site # 1998	Site # 1994	Facility/Address	Number of Tanks	Date of Installation	Tank Size liters (gallons)	Tank Contents	Tank Construction/ Piping System	Monitoring System
41	22	<u>Wooten Auto Care/Honest Engine (former Milley's House Moving) 2522 N. Florida Ave. #098945073</u>	3 UG Removed	All Unknown	3,361 (888)	Unknown/Not Reported	Unknown	Unknown
42	23	<u>Mikes Tires (former Roberts Automotive and BP) 2651 N. Florida Ave. #098503162</u>	1 UG Closed in Place 1 UG Closed in Place 1 UG Closed in Place 1 UG Closed in Place 1 UG Closed in Place	7/51 7/56 7/72 7/65 7/52	3,785 (1,000) 3,785 (1,000) 3,785 (1,000) 2,101 (555) 1,136 (300)	Unleaded gas Leaded gas Unleaded gas Leaded gas Kerosene	C, C C, C C, C C, B C, B	All B
43	24	<u>Heritage Propane (abandoned Texaco station - Ogle &amp; Armstrong properties), 2700 N. Florida Ave. #09200412/09200411</u>	2 UG Removed 1 UG Removed 2 UG Removed '91	Unknown Unknown 1932	3,361 (888) 3,361 (888) 2,082 (550)	Leaded gas Kerosene Leaded gas	C, B	None
44	25	<u>Cumberland Farms Gas Station #1046 and Carwash 2508 N. Florida Ave. #098626536</u>	3 UG In Service	12/85	30,283 (8,000)	Unleaded gasoline	FAOM, CJK	BHZ

\* UG - Underground storage tank

\*\* Operated prior to tank registration requirements.

Note: Underlined facilities are those for which tank information has been provided.

**SUMMARY OF TANK SITES (LEGEND)\***

TANK CONSTRUCTION

A - BALL CHECK VALVE  
 B - INTERNAL LINING  
 C - STEEL  
 D - UNKNOWN  
 E - FIBERGLASS  
 F - FIBERGLASS CLAD  
 STEEL  
 G - CATHODIC PROTECTION -  
 T - SACRIFICIAL  
 ANODE  
 I - DBL WALL; SINGLE  
 MAT; OUT TNK MAT  
 = IN TNK MAT  
 K - CNCRT, SYNT MAT;  
 OFFSITE CLAY BNTH  
 AST & CNMT AREA  
 L - COMPARTMENTED  
 M - SPILL CONTAIN-  
 MENT BUCKET  
 N - FLOW SHUT-OFF  
 O - TIGHT FILL  
 T - SMALL USE TANK

PIPING SYSTEM

B - STEEL OR GAL-  
 VANIZED METAL  
 C - FIBERGLASS  
 F - DBL WALL; SINGLE  
 MAT; OUT PIPE MAT  
 = IN PIP MAT  
 G - SYN OR BOX/  
 TRENCH LINER IN  
 PIPING EXCVTN/  
 CNMT AREA  
 J - PRESSURIZED PIPING  
 SYSTEM  
 K - DISPENSER LINERS  
 M - DBL WALL; DUAL  
 MAT; OUTR PIPE OF  
 APPR SYN OR  
 JACKET  
 N - APPROVED SYN-  
 THETIC MATERIAL  
 Y - UNKNOWN

MONITORING SYSTEM

A - AUTOMATICALLY  
 SAMPLED WELLS  
 B - ANNUALLY  
 SAMPLED WELLS  
 F - INTERSTITIAL SPACE  
 DOUBLE WALL  
 TANK  
 G - IN-LINE DETECTOR,  
 AUTO SHUT OFF  
 H - IN-LINE FLOW  
 RESTRICTOR  
 I - NOT REQUIRED  
 K - INTERSTITIAL  
 SPACE, DOUBLE  
 WALL PIPING  
 L - AUTOMATIC TANK  
 GAUGING  
 M - MANUAL TANK  
 GAUGING  
 O - VAPOR MONI-  
 TORING SYSTEM  
 Y - UNKNOWN

\* Source: FDEP, 1998

(10,000 gallon) underground tanks on this site, all installed in 1988 and still in service. Three tanks hold unleaded gas, and one tank holds vehicular diesel. The tanks are constructed of clad steel, with fiberglass interconnecting piping. The tanks have overfill protection, spill containment, and manually sampled monitoring wells. A detention pond is located at the north end of the site. FDEP records do not indicate that contamination has been discovered at the site. The recommended right-side alignment for US 41 would directly impact this site - 75 m<sup>2</sup> (4,032 sq ft) of additional right-of-way would be taken, coming within 5 meters (15 feet) of the nearest pump island and tank pad. The pump island and tank pad may have to be relocated for utility work. The site is bounded to the northwest and southeast by commercial properties (the one to the southeast is a high risk site), and by residential properties on the remaining northern and southern lot lines. Across Ella Avenue lie residential properties. Tank removal closure tests and procedures may be necessary, as originally recommended. This site has been given an assessment of **medium** risk as opposed to high risk, because the site is continually monitored and records do not indicate the presence of contamination.

**Reevaluation Site # 3/Original Site #3 - West Coast Insurers (former Charter Food/Circle K #00201, Super Test gas station), 1101 N. US 41.** Three 37,854 liter (10,000 gallon) underground tanks, installed in 1978, containing unleaded gas were removed from this site at the northwest corner of the US 41 and Davidson Street in 1993. The retail gas station was owned by Circle K Stores, Inc. of Tampa, and operated by Steve Belin. The site is surrounded by vacant land, except for a bank parking lot across Davidson Avenue to the south. The site is classified as closed in FDEP records, indicating that the closure met state requirements. No right-of-way would be required from this site for the preferred alternative. The site has been assessed as **low** risk, based on the tanks' closure with no evidence of contamination. This rating differs from the original CSER rating of no risk because site conditions fit the PD&E Guidelines definition of low risk (please refer to the Methodology Section of this memo).

**Reevaluation Site #4 - Realty World/Landmark Investments, 1102 N. US 41.** Early information obtained indicated that Super Test gas station was formerly located at this site. Additional research revealed that the Super Test did not exist at this location. Based on this additional information, this site has been designated as **no** risk.



**Reevaluation Site #5/Original Site #4 - Powell Square Auto Repair (former Main Street Garage), 1203 and 1213 N. US 41.** This site is located approximately 137 m (450 ft) north of the US 41/Davidson Street intersection. The facility is a small quantity hazardous waste generator. The current and former establishments located at this site consist(ed) of retail automotive repair establishments. The site is bounded by a vacant property to the south and by other commercial properties, including another potential contamination site immediately to the north. A site visit revealed piles of discarded automotive parts outside, along the south side of the building; indoor operations appeared to be conducted in a more neat and orderly manner. No additional right-of-way would be required from this site for the preferred alternative. This site has been assessed as **low** risk, due to the small quantity of hazardous waste products stored at the site.

**Reevaluation Site #6 - Touch of Quality Cleaners, 1128 Sterling Rd.** This site is operated by Russell and Sandra Powell and owned by Touch of Quality Cleaners in Brooksville. It is located in Powell Square, off the west side of US 41, and is surrounded by other commercial properties. There is one above ground tank containing tetrachloroethylene on-site. The operation has been designated as a small quantity generator by EPA. Agency records do not indicate the presence of contamination at this site, nor any violations, yet the most recent report according to FDEP records was in 1995. The proposed right-of-way does not incorporate this site. Due to the fact that the facility has been issued an identification number, and is serviced by a septic tank system, this site has been classified as **medium** risk as opposed to a low risk site.

**Reevaluation Site #7 - Ferenc's Body Shop Supplies (Ferenc's Auto Refinishings), 1221 N. US 41.** This site is located immediately to the north of Site #5, Powell Square Auto Repair. It is surrounded by other commercial properties. This establishment operates as a retail auto parts vendor. The space between this site and Site #5 contains piles of vehicular debris, as previously noted for Site #5. The previous establishment on-site was an auto refinishing shop. No additional right-of-way would be required from this site for the preferred alternative. This site has been assessed as **medium** risk, as opposed to low risk, due to the previous use and lack of information.

**Reevaluation Site #8 - Kentucky Fried Chicken (former Citrus County Taxi Co.), 1110 N. US 41.** Polk City Directories indicate that a taxi company was on this site (1106 N. US 41) in the early 1980's. The site has been paved over for the current food establishment. There is a lack of agency information

regarding this site, so it is unknown whether, or if, hazardous materials were handled or disposed of at this site. It is likely that vehicle maintenance activities were conducted at this site. The preferred alternative would require a strip of right-of-way 5 m (15 ft) wide along the western property line of this site. Residential properties border the site to the north and east, and commercial property to the south. Underground utilities are located along the western side of the property, within the right-of-way of US 41. This site has been assessed as **medium** risk due to lack of information and right-of-way needs for the preferred alternative, all factors posing moderate concerns regarding contamination.

**Reevaluation Site #9/Original Site #5 - Circle K Gas Station #8623, 1224 N. US 41.** This establishment is owned by Circle K Stores, Inc. office in Tampa, and operated by Steve Belin. It is located approximately 213 m (700 ft) north of the US 41/Davidson Street intersection on the east side of US 41. Office and institutional land uses lie to the north of the site, with residential land use to the east. Underground utilities are located along the western edge of the property, within the US 41 right-of-way. No contamination or violation of regulations has been indicated in the agency records. This operation is a conditionally exempt small quantity generator. Three underground tanks were installed in 1988; each of these 37,158 liter (9,816 gallon) tanks hold unleaded gas. The proposed alignment for US 41 would require relocation of the tanks, which lie within the proposed right-of-way for the preferred alternative, and possibly the pumps. Tank removal and closure tests/procedures may be necessary at this site. This site has been assessed as **medium** risk.

**Reevaluation Site #10 - Vacant (former H's Motor Coach Sales, Inverness Animal Hosp.), 1403 N. US 41.** Polk City Directories indicate that a motor coach sales establishment and an animal hospital were located at this site (at the apex of Montgomery Avenue and US 41) prior to the present land use. No further information is available for this site. Recreational land use lies to the west across Montgomery Avenue; otherwise, the site is surrounded by commercial properties. A sewer line crosses the intersection at the northern end of the property. Contamination at this site is possible, due to previous maintenance activities, but it is not anticipated that large quantities of contaminants would have been handled or disposed of at the site. The northern half of the site would be required for right-of-way purposes. Due to the lack of information regarding this site, and to its inclusion in the proposed right-of-way, it has been designated as **medium** risk.

**Reevaluation Site #10A - Summit Pool Supplies, Inc. 1817 N. U.S. 41.** This site consists of a vacant store which formerly accommodated a wholesale pool maintenance supplies company. The site is bordered by vacant land to the south, residential land to the west, and commercial land to the north. It is not anticipated that large quantities of contaminants would have been handled or disposed of at the site. The site appears to be clean and well-maintained. The site has been rated as **low** risk.

**Reevaluation Site #11/Original Site #6 - Frank's Auto/Charlie's Top Shoppe Auto Upholstery, 2115 N. US 41.** This site consists of two establishments which are adjacent to each other, approximately 122 m (400 ft) north of the Andrew Street/US 41 intersection. The site is bordered by vacant properties. Automobile repair activities are conducted at Frank's Auto and upholstery for automobiles, boats and home furnishings are conducted at Charlie's Top Shoppe. While both businesses were clean and well maintained during the field visit of March, 1998, the original CSER included a reference to "poor housekeeping practices" on the property in 1994, based on earlier field visits. Used oil is stored in drums at the site and is removed by an authorized contractor. Drainage from the site flows toward US 41. No additional right-of-way would be required for the preferred alternative. This site has been assessed as **medium** risk due to earlier conditions and site drainage. The original recommendation for a Level II soil and groundwater investigation for priority pollutant chemicals and heavy metals remains valid.

**Reevaluation Site #12 - Citrus Cycle Center (Jordan's Tropicare in rear in 1985), 2277 N. US 41.** This site currently consists of a retail motorcycle establishment, where repairs and maintenance are conducted. Formerly, an air conditioning repair establishment was at this location. It is bordered by vacant properties. No additional right-of-way would be required for the preferred alternative. There is no record of contamination at this site. Therefore, it has been rated as **low** risk.

**Reevaluation Site #13 - Golden X Plumbing Supply, 8 N. Florida Ave.** This site consists of a retail/warehousing establishment for plumbing supplies that has been operating for a number of years at the same location. The site is bordered by institutional land use to the south, vacant property to the west, and commercial land use to the north. The site is neat and well-maintained. Contamination at this type of business generally involves petroleum products and solvents. No additional right-of-way would be required for the preferred alternative. This site has been rated as **low** risk. Although small

quantities of contaminants are handled on the property, there is no reason to believe that there will be any involvement with contamination.

**Reevaluation Site #14/Original Site #7 - Dilbert's Diesel Repair (formerly Dilbert's Nursery/Landscaping), 25 N. Florida Ave.** This site is located on the east side of US 41, approximately 46 m (150 ft) north of the US 41/Mimosa Lane intersection. It consists of a diesel engine repair shop. The previous operation consisted of a nursery/ landscaping business. The main building houses two service bays. Engine parts are being stored outside of the building, along with a number of discarded drums and buckets. Contamination concerns include the present handling of petroleum-based products, acids, alkalis, and lead batteries, plus pesticides, herbicides, and fungicides from the former land use. The site is bordered by residential land use to the south and east, and by commercial property to the north. Underground cable lies along its western border. Drainage from the site flows away from US 41. No right-of-way would be required for the recommended build alternative. The site has been assessed as **medium** risk.

**Reevaluation Site #15/Original Site #8 - Tony's Auto Clinic (former Jim's Muffler Shop and Jordan's Tropicare), 30 N. Florida Ave.** The site is located on the west side of US 41, approximately 137 m (450 ft) north of the US 41/Mimosa lane intersection. The site is bordered by residential land use to the south, and by vacant land use to the west and north. The current and former operations at this site consist of automotive-repair businesses. The facility is a small quantity hazardous waste generator. Used oil is stored in drums and removed by an authorized contractor. The present operation is neat and well maintained in appearance. No right-of-way would be required from the site for the recommended build alternative. The site has been assigned a **low** risk rating.

**Reevaluation Site #16/Original Site #9 - Advanced Tire & Auto (former Bork's Auto, Tony's Auto Clinic and Lou's Gulf), 55 N. Florida Ave.** This site is located approximately 46 m (150 ft) north of the US 41/Jasmine Street intersection, on the east side of US 41. The site is bordered by commercial land use to the north and south, institutional land use to the northeast, and vacant land to the east. Underground cable lies along its western edge. It has been occupied by automotive repair establishments and a service station. Within a fence-enclosed area behind the main building, auto parts, tires, and drums are stored; this area is not neat in appearance. The rest of the property is well maintained. The tanks associated with the former Lou's Gulf have contaminated the groundwater, with

benzene contamination having spread to Como's Auto Sales (Site #17) and to a church behind Advanced Tire & Auto. Cleanup is ongoing, according to County staff. Tower filters at the site were installed in October, 1997. Citrus County staff have stated that this location is listed as a Superfund site. No record of this designation may be found in the EPA or FDEP reports utilized for this reevaluation, however, and EPA staff verified that this is not a Superfund Site. The Tanks Section of FDEP, Southwest District, has records indicating that original groundwater treatment was completed in 1989. This site is participating in the Early Detection Incentive Program. A Petroleum Contamination Initial Remedial Action Report was approved in 1990. The site ranks 59th on the Florida Sites List. Drainage from the tanks area is to the northeast. No right-of-way would be required for the preferred alternative. Due to the fact that cleanup activities are still ongoing, after initial attempts were not successful, this site has been assessed as **high** risk. The original recommendation of coordination with the FDEP, and Level II soil and groundwater investigations remains valid.

**Reevaluation Site #17/Original Site #10 - Como Auto Sales (formerly included Spencer's Wheel Alignment), 61 N. Florida Ave.** This site is located on the east side of US 41, approximately 122 m (400 ft) north of the US 41/Jasmine Lane intersection. The site is bordered by commercial land use to the north and south, and by residential land use to the east. Underground cable lies along its western border. It is currently occupied by an auto sales/service establishment and was previously occupied by an automotive repair business. It is a small quantity hazardous waste generator. Used oil stored in drums is removed by an authorized contractor. Used vehicles, vehicle parts, and tires are stored outside. There are two service bays open to the front of the main building; this area appears to be neat and well maintained. The groundwater has been contaminated at this site, (please refer to Site #16) but cleanup is ongoing. No right-of-way would be required for the preferred alternative. This site has been assessed as **high** risk, since cleanup activities are ongoing after initial attempts were unsuccessful. Coordination with FDEP on site status, and Level II soil and groundwater investigations are recommended. The risk assessment differs from the original CSER rating of low risk because the contamination plume from Site #16 has reached Site #17.

**Reevaluation Site #18/Original Site #11 - Brown's Auto Service (former A-1A Glass Co.), 70 N. Florida Ave.** This site is located on the west side of US 41, approximately 213 m (700 ft) north of the US 41/Jasmine Lane intersection. It is bordered by commercial land use to the north and south, and by vacant land to the west. This automotive repair business appears to be clean and well maintained.

Citrus County files indicate agency verification that underground tanks at this site were closed in place with sand, as noted in the 1994 CSER. No right-of-way would be required for the preferred alternative. There has been no change to this site since the 1994 CSER for this project, including the rating of **medium** risk of contamination involvement.

**Reevaluation Site #19 - Citrus Collision & Paint, 76 N. Florida Ave. (Former Precision Machine)**

This site, operating as an auto body and paint shop, is located immediately to the north of Brown's Auto Service. The site is bordered by commercial land use. It is immediately to the north of Brown's Automotive Service, site #18. It has been designated as a small quantity generator by EPA. The site appears to be well maintained and clean. No right-of-way would be required for the preferred alternative. It has been given a rating of **low** risk of contamination involvement because there is no reason to believe that contamination involvement would occur, even though both the current and former operators have been designated as small quantity generators (with the same identification numbers), according to EPA and FDEP records.

**Reevaluation Site #20/Original Site #12 - Sportsmans Express Chevron (former Sportsman's Park Amoco, Fina/U-Haul), 79 N. Florida Ave.**

This site is located in the southeast corner of the US 41/Tangelo Lane intersection. Underground cable lies along its western edge; it is bordered by commercial land use to the north and south, and by residential land use to the east. A convenience store/gas station establishment has been operating on this site under several different names and owners. This facility has not changed since the 1994 CSER. Site drainage flows toward US 41. Additional right-of-way would be required from the corner of the site at the US 41/Tangelo Lane intersection; this corner clip of right-of-way lies approximately 55 m (180 ft) from the tank and pump areas. The site had been rated as **medium** risk.

**Reevaluation Site #21 - Tuten Motors (former All-Tech Cable), 5001 Tangelo Lane.**

This site at the northeast corner of the US 41/Tangelo Lane intersection consists of a used car sales establishment. Underground cable lies along its western edge. It is bordered by commercial land use to the north and south, by residential land use to the northeast and southeast, and by institutional land use to the east. There are used car parts, junk autos, and other debris stored on-site. No right-of-way would be required for the preferred alternative. The site drains toward US 41, where drainage then flows to the

north. The cable trench at this site and immediately to the north may contain contaminants. The site has been assigned a rating of **medium risk**.

**Reevaluation Site #22 - JD's Plaza: Citrus Auto Air, 115 N. Florida Ave.** This site consists of an automotive air conditioning repair shop, which is very clean and well maintained. It is located at the southeast corner of the US 41/Sportsmans Point intersection. Underground cable lies along its western edge, and it is bordered by commercial land use to the north and south, and by residential land use to the east. No right-of-way would be required for the preferred alternative. The site is located at a low point in the subbasin that receives stormwater. The risk rating assigned to this establishment is **low risk**, based on the small quantities of hazardous materials likely to be utilized.

**Reevaluation Site #23 - Citrus Auto Sales, 114 N. Florida Ave.** This commercial vehicle sales site, located approximately 75 m (246 ft) north of the US 41/Sportsmans Point intersection, is clean and well maintained. It is bordered by commercial land use to the north and south, and by residential land use to the west. No right-of-way would be required from this site for the recommended build alternative. Runoff from the site flows toward a low point on US 41, directly in front of the site. The current operation deals with small quantities of hazardous materials due to vehicle maintenance. This site has been rated as **low risk**. However, it should be noted that the US 41 existing right-of-way at this location may be of concern, due to percolation of the runoff from an entire subbasin (please refer to the Location Hydraulics Report).

**Reevaluation Site #24A - Gorman Pool Supply, 144 N. Florida Avenue.** This site consists of a wholesale pool supply establishment stocking chlorine, bromine, pool cleaning acids, sealants, pumps, filters, and lights. It is a small quantity generator. It is bordered by commercial land use to the north and south, and by vacant land to the west. The site is clean and well-maintained. There is an aboveground tank filled with chlorine at the rear of the property, more than 61 meters (200 feet) from US 41. Drainage from the site flows toward US 41, then southward. It has been assigned a **low risk** rating, due to the small quantities of hazardous waste stored on site.

**Reevaluation Site #24 - Discount Auto (former McDaniel Nursery Sod & Landscaping), 156 N. Florida Ave.** The current operation on this site consists of a used car dealership. It is located

approximately 300 m (984 ft) north of the US 41/Sportsmans Point intersection. The site is bordered by commercial land use to the north and south, and by vacant land to the west. The former use was a nursery/landscaping operation. Two 1,893 liter (500 gallon) steel underground tanks associated with the landscaping business were closed in place with sand in 1989. A 1990 Inspection Report Form states that there was no apparent violation of Chapter 17-61, FAC. FDEP did not require testing for contamination from smaller tanks at that point in time. Citrus County did not require testing either. No equivalent to the present day Closure Assessment Report was prepared. Drainage from the site flows toward US 41. No right-of-way will be required for the preferred alternative from this clean and well maintained site. Although small quantities of hazardous materials have been used and stored on this site due to the present and former businesses, there is no reason to believe that there would be any involvement with contamination. This site has been rated as **low** risk.

**Reevaluation Site #25 - Mitchell's Mustangs (former U-Haul), 164 N. Florida Ave.** This site is located approximately 450 m (1,476 ft) north of the US 41/ Sportsmans Point interchange. The site is bordered by commercial land use to the north and south, and by vacant land to the west. This used car dealership is neat and well maintained; however automotive work on site poses a concern for contamination risk. No right-of-way would be required from this site for the recommended build alternative. Although hazardous materials are present on site due to vehicle maintenance, there is no reason to believe that contamination involvement will occur. This site has been rated as **low** risk.

**Reevaluation Site #26/Original Site #13 - Auto Accurate Tires (former Advanced Tire & Auto, Air Ride Tire, former gas station) 174 N. Florida Ave.** This site is located on the west side of US 41, approximately 488 m (1,600 ft) north of the US 41/N. Sportsman's Point intersection. The site is bordered by commercial land use on its north and south borders, and the Withlacoochee State Trail is directly behind it. This site has been occupied by retail tire establishments, and there is evidence (remnants of a pump island) that a gasoline station was once located at this site, at the front of the building facing US 41. There are no agency records available for this gas station, and the City directories did not provide information for this precise location. The operator is a small quantity waste generator; used oil stored in drums is removed by an authorized contractor. The site itself is neat and well maintained, and no right-of-way would be required for the recommended build alternative. However, due to the evidence that tanks were once present at this site, to the lack of information on these tanks, and to site drainage flowing toward US 41, this site has been assessed as **high** risk.



Ground penetrating tests should be utilized to determine the presence or absence of tanks. Level II soil and groundwater investigation should then be conducted, if warranted. The original CSER gave this site a low risk rating; the possibility of tanks on the property was not mentioned.

**Reevaluation Site #27 - Thompson A+ Sod (Mailing address is 8315 E. Turner Camp Rd).** This site is occupied by a commercial sod retailer. It is located between the Withlacoochee State Trail and US 41; commercial land use lies to the south of the site. The manager for Auto Accurate Tires immediately to the south of A+ Sod has indicated that auto detailing and possibly automotive/motor repair is being conducted at the site. The site is cluttered with machinery, drums, and other debris. Right-of-way would not be required from this site for the recommended alternative; site drainage flows toward US 41. Due to the poor maintenance of the site, and evidence that motor repairs and detailing are being conducted at the site, it is being rated as **medium** risk.

**Reevaluation Site #28/Original Site #14 - Plaza Industrial Park, 4434 Arlington St.** This site is set back from US 41 (the property boundary is approximately 30 meters, or 98 feet, from the existing right-of-way for US 41) and from the Withlacoochee State Trail, approximately 198 m (650 ft) south of the US 41/Arlington intersection. Vacant land lies to the south of the site, an abandoned railroad corridor to the west, and commercial land to the north. This site is occupied by a number of establishments which store and use hazardous materials: Hero's Auto Center, Welding Shop, Gary and Carol's Taxidermy, Sign Shop, Mike's Machine Shop. Many of the establishments are small quantity hazardous waste generators. Used oil is removed by an authorized contractor. Maintenance of the site is poor; there are storage drums located outside several of the businesses, and debris is scattered around the front and back of the plaza. Propane tanks are located behind the plaza buildings. It is evident that the site was associated with the railroad operations; the structure appears to have been a warehouse at one time. The site drains in the direction of US 41. This site has been assessed as **medium** risk. The original recommendation for conducting a Level II soil and groundwater investigation for priority pollutant chemicals and heavy metals remains valid.

**Reevaluation Site #29/Original Site #15 - Bobby Clark Auto and RV Sales, 1041 N. Florida Ave.** The site is located on the east side of US 41, approximately 107 m (350 ft) north of the US 41/Independence Highway intersection. Commercial land lies to the north of the site, and residential

land to the east and south. Buried cable lies on the west side of the property. This site is currently occupied by a retail used vehicle lot, which is clean and well-maintained. There are a few drums of used oil located at the rear of the building. There appears to be service bays within the structure which are not large enough to accommodate a recreational vehicle. Remnants of a pump island are located in front of the building. The old tanks have been closed and sand-filled in place. Closure tests were not conducted. The site drains away from US 41. No right-of-way will be required from this site for the recommended build alternative. However, the tanks and pump island are located approximately 3 m (10 ft) from the existing right-of-way and may have to be removed with closure testing. This site has been assessed as **medium** risk due to the lack of closure information on tanks; it was not deemed high risk due to drainage direction.

**Reevaluation Site #30/Original Site #16 - Express (FX Press) Inc. Truck Repair (former Rod's Muffler Shop), 1155 N. Florida Avenue.** This site is located on the east side of US 41, approximately 137 m (450 ft) north of the US 41/Independence Highway intersection. Commercial land lies to the north and south of the site, and vacant land to the east. Buried cable lies along the western edge of the property. The main structure of the site appears well-maintained, yet there are a number of vehicles in the lot which appear not to have been moved for some time. The operator is a small quantity generator; used oil is removed by an authorized contractor. The operations are set back from US 41. Drainage from the site flows away from US 41, except for a small unimproved section fronting US 41 which flows toward US 41. Potential contamination from this site would not flow toward US 41. No right-of-way would be required from this site. Based on the above information, there is no reason to believe there would be any involvement with contamination. Therefore, the site has been assessed as **low** risk.

**Reevaluation Site #31/Original Site #17 - Kwik King Citgo Gas #56, 1211 N. Florida Ave.** This site is located on the southeastern corner of the US 41/Louisiana Lane intersection. This establishment was formerly a Union 76 station. Commercial land use lies to the south of the site, residential land use to the east, and vacant land to the north. Buried cable lies along the western property boundary. It is clean and well maintained. Right-of-way would be required for the recommended build alternative in the form of a corner clip from the northwest corner of the site, within the site's retention pond. According to drainage maps from SWFWMD, drainage from this site has historically flowed to the south-southwest; however, this flow was changed with the construction of the pond, to which drainage currently flows. The site's tanks are set back from US 41 and would not be impacted by the recommended alternative. This site has

been assessed as **medium** risk due to the need to obtain right-of-way from the retention pond. This differs from the original CSER rating of low risk because of differences between the current and former conceptual designs.

**Reevaluation Site #32 - Kay-Dawson Propane Sales & Service, 1561 N. Florida Ave.** This site is clean and well maintained, and no right-of-way would be required for the recommended build alternative. Residential land use lies along the northern, southern, and eastern edges of the property. Buried cable lies along the western edge of the property. Visual observation of tanks did not indicate any leaks. The drainage from the above ground tanks location flows to a low point south of the site, and not toward US 41. This site has been assessed as **low** risk.

**Reevaluation Site #33/Original Site #18 - Van Ness Auto Parts, 1876 N. Florida Ave.** This auto parts store is located on the west side of US 41, approximately 325 m (1,100 ft) north of the US 41/Van Ness Road intersection. Commercial property lies to the south of the site, the Withlacoochee State Trail to the west, and residential land use to the south. Buried cable lies along the eastern edge of the property. There has been no change to this site subsequent to 1994 and no further information is available from agency records. There is evidence of a pump island and tank pad at this site. A Level II investigation to determine the presence or absence of tanks, along with soil and groundwater investigations for petroleum products, priority pollutant chemicals and heavy metals is recommended. No right-of-way would be required from the site for the current recommended build alternative. The site remains a **medium** risk rating.

**Reevaluation Site #34 - Citrus Auto Salvage (NEXTEL Communications Site), 3651 Langspur Court.** This site is located across the Spooner Lane intersection with US 41, on the west side of the WST. It is bordered by the Withlacoochee State Trail on the east, and by vacant land on all other sides. This site is currently owned by the Meredith family and has been utilized as an auto salvage yard for many years, according to the Citrus County Zoning and Permitting department. A permit was issued by Citrus County to Dial Call in 1994 to construct a communications tower and attendant building. This work was completed in June, 1997. Dial Call was bought out by NEXTEL Communications and is the current communication facilities owner. Since the telecommunications facilities are new, and built according to permit conditions, they are not considered a potential contamination source. There are a number of sinkholes in the area. This site has been assessed as **low** risk because the potentiometric surface for

groundwater is at least 9 meters (30 ft) below the ground surface. Most of the pollutants from this site are filtered through percolation.

**Reevaluation Site #35/Original Site #19 - Butler's Used Cars (former Auto Corral closed 1992, former Union 76 in 1960's).** This used car facility and former gas station is located on the west side of US 41, approximately 396 m (1,300 ft) south of the US 41/CR 486 intersection. Vacant land use lies on the south border of the property, the Withlacoochee State Trail to the west, and commercial land use to the north. This site is listed in agency records under the name of Security Pest Control. The petroleum facility status is closed. Three underground gas tanks (leaded gasoline) were removed from the site in 1992, according to FDEP records. There is no evidence that contamination was encountered at the site. Butler's Used Cars began operation in 1997; the owner rents the land. It is a clean and well maintained operation. A large sinkhole to the south of the property has expanded behind the property and is now threatening structures. Surface drainage is in the direction of the sinkhole. No right-of-way would be required from this site. The site has been assessed as **low** risk. The original CSER rated this site as medium risk, as the FDEP records of tank closure were not referenced.

**Reevaluation Site #36 - Security Pest Control, 2258 N. Florida Ave.** This site is located immediately to the north of Butler's Used Cars; the land is under the same ownership. Commercial land use lies along the northern and southern edges of the site, and the Withlacoochee State Trail lies to the west. Pesticides are stored at this site, which is clean and well maintained. The sinkhole described for Site #35 has expanded behind this property as well. Drainage is away from US 41, toward the sinkhole. No right-of-way would be required for the recommended build alternative. The site has been assessed as **low** risk.

**Reevaluation Site #37/Original 20 - Shell Station (former Chevron-Hernando), 2300 N. Florida Ave.** This site is located on the west side of US 41 approximately 320 m (1,050 ft) south of the US 41/CR 486 intersection. Commercial land use lies to the south of the site, the Withlacoochee State Trail to the west, and vacant land to the north. This establishment is clean and well maintained. There have been no changes since the original 1994 CSER for the project. The tanks area drains to the south. A sliver of right-of-way would be required from the northeast corner of the property for the recommended build alternative. There is no reason to believe that contamination would be encountered. This site has been assessed as **low** risk.

**Reevaluation Site #38/Original Site #21 - Kwik King #05 (former Excel Gas, CITGO), 2408 N. Florida Ave.** This is a clean and well maintained site. The site is surrounded by commercial land use. Additional right-of-way would be required from the eastern edge of the property along US 41 (approximately 210 m<sup>2</sup>, or 2,259 sq ft) for the recommended build alternative, and may require moving the underground storage tanks on site. There is no indication that contamination has been discovered on the property, and the site has been assessed as **medium** risk.

**Reevaluation Site #39 - Vacant commercial site (former Charlie's Fina, Wooten's Auto/Autocorp Auto Sales).** This site is located on the northwest corner of the US 41/CR 486 intersection. A water line lies along the southern edge of the property. Commercial land use lies to the north and the Withlacoochee State Trail to the west. This site, now vacant, consisted of a former used car retail business, and a former retail gasoline station. The tanks from the former Charlie's Fina have been properly removed (1990) according to agency records. The owner states that the entire site was evaluated for the presence of underground tanks at the time of closure. The field visit revealed appurtenant structures which appeared to be very old fueling sites - particularly an old wooden structure at the north end of the site. Drainage is to the southeast at this site. Approximately 180 m<sup>2</sup> (1,935 sq ft) of additional right-of-way will be needed from the eastern edge and southeastern corner of the property for the recommended build alternative. This site has been assessed as **medium** risk as there is a moderate degree of concern over contamination; although the Fina's tanks were properly closed and no contamination was discovered, there is not sufficient evidence to indicate that all possible sources of contamination were evaluated.

**Reevaluation Site #40 - Lakeview School, 2435 N. Florida Ave.** The vacant school is located on the southeast corner of the US 41/CR 486 intersection. Commercial land use lies to the south of the site, and institutional land use to the east. Water lines are buried along the northern edge of the site, and buried cable lies along the western edge. Two underground tanks were located at the northwest corner of the property, and a package wastewater treatment plant (extended aeration) is still located at the southeastern corner of the property. The school is listed with FDEP (Hazardous Waste Compliance and Enforcement Tracking System) as temporarily closed, with a current permit to operate. According to school officials, there are currently no plans to reopen the school (although a study was conducted), but if it is reopened, the package plant would not be required, as there is a sewer line nearby. The spot where the package plant is

located drains away from US 41 and Parsons Point Road. Agency records indicate the proper closure and removal of the tanks, and no contamination was encountered. This site has been assessed as **low** risk.

**Reevaluation Site #41/Original Site #22 - Wooten Auto Care/Honest Engine (former Miley's House Moving), 2522 N. Florida Ave.** This site is located on the west side of US 41, approximately 152 m (500 ft) north of the US 41/CR 486 intersection. Commercial land use lies along the northern and southern edges of the property, the Withlacoochee State Trail to the west, and buried cable along the eastern edge. A sewer line lies along the northern edge of the site. This site consists of a used auto sales establishment and a one-bay garage (Honest Engine) located at the northwest corner of the main structure. It was previously occupied by a house moving business. Although drum storage was observed outside of Honest Engine, the site as a whole is very clean and well-maintained. Approximately 88 m<sup>2</sup> (945 sq ft) of right-of-way would be required for the recommended build alternative, from the eastern frontage along US 41. Drainage from the north half of the site flows to US 41. Drainage from the south half of the site flows southward. The 1994 CSER recommended Level II soil and groundwater investigations for priority pollutant chemicals and heavy metals based on conditions at Miley's House Moving (truck and motor repairs, poor maintenance). This site has been assessed as **medium** risk, due to past operations.

**Reevaluation Site #42/Original Site #23 - Mike's Tires (former Roberts Automotive).** This site is located at the southeast corner of the US 41/Lemon Street intersection. Both the current and former uses consist of automotive repair establishments. Commercial land use lies to the north and south of the site, and institutional land use to the east. A water line lies along the western edge of the site. There is evidence of a pump island and a tank pad in the front of the structure which fronts US 41. Agency records indicate that all tanks on site have been closed in place. There is one service bay on the site, which is cluttered in the rear. Tires, wheels, and older vehicles were found on the north side of the building. Drainage from the site flows east, to Lake Tsala Apopka. Approximately 120 m<sup>2</sup> (1,296 sq ft) of right-of-way would be required from this property, adjacent to US 41. The widening of US 41 would include the entire structure, plus the pump island and the tanks. The original recommendation of ascertaining the presence of tanks through geophysical methods would not be necessary; soil and groundwater investigations should be conducted, not only at the tank site, but along the water line. This site has been assessed as **medium** risk for contamination involvement.

**Reevaluation Site #43/Original Site #24 - Heritage Propane (former Texaco Station), 2700 N.**

**Florida Ave.** This site is located on the west side of US 41, at the US 41/SR 200 intersection. Buried cable lies along the eastern edge of the property. Commercial property lies to the north and south of the site, and the Withlacoochee State Trail lies to the west. This site was a former gas station; a pump island was noted in the 1994 CSER, and was also noted in the field in 1997. FDEP records (STCMPCT1 printouts) include information on two entities which had underground storage tanks removed at this address. Facility ID #9200412 is listed under the name Mary L. Armstrong, and indicates that two leaded gas tanks and a kerosene tank were removed and the facility was closed (dates are not provided). The other entity is an abandoned Texaco station owned by William H. Ogle, Jr., Facility ID #9200411. Two tanks of leaded gasoline were removed in 1991; soil contamination found at tank closure was not excessive, and no further testing was required by the County. Both of these facilities have been closed. FDEP printouts do not indicate contamination at this site due to these two facilities. Currently, propane tanks are located at the north end of the property, and are not enclosed. No right-of-way would be required from this site for the recommended build alternative. Drainage from the site flows toward US 41. Based on all available information, this site has been assessed as **low** risk. The original CSER rated this site as medium risk, as the FDEP records of tank closure were not included in the rating decision.

**Reevaluation Site #44/Original Site #25 - Cumberland Farms Gas Station, 2805 N. Florida Ave.**

This gas station/convenience store, located in the apex of the US 41/SR 200 intersection, is very clean and well-maintained. Commercial property lies to the north of the property. It is listed with the EPA as a small quantity generator. Drainage from the site flows to the south/southwest, toward the SR 200/US 41 intersection. There is no record of contamination being encountered at this site. The recommended build alternative would not require right-of-way from the site, and the tanks would be adjacent to SR 200. This site has been assessed as **low** risk for contamination involvement. The original CSER rated this site as medium risk, because the proposed conceptual design at that time would have required right-of-way from the tanks area.

**Reevaluation Site #45 - Krystal Klean Laundromat (Hernando Plaza, Building 2).** This site is located on the west side of US 41, just north of the SR 200/US 41 intersection. Commercial sites are located to the north and south of the site, with the Withlacoochee State Trail to the west. Buried cable lines and a sewer line lie along the eastern edge of the site. Above ground propane tanks were previously located behind the building, which is set back from US 41. The site drains to the southeast, toward the SR 200/US 41

intersection. This operation is listed with FDEP as an industrial waste generator which is not being monitored because discharge into the environment is not taking place. Two septic tanks are listed. Discharge flows to a distribution box, then to an absorption bed. No right-of-way would be required from this site. This site has been assessed as **low risk**.

**Reevaluation Site #46 - Cato Classic Aluminum Trailers (former bedding company), 2912 N.**

**Florida Ave.** This site is located across from the intersection of US 41 and Louise Lane. Vacant land use lies to the north and south of the site, and the Withlacoochee State Trail to the west. Buried cable lines and a sewer line lie along the eastern edge of the site. This business opened late in 1997; it consists of retail/showroom and light manufacturing (assembling) activities. Trailers are assembled in the rear of the building (enclosed propane tanks are utilized for welding) mostly on order; the showroom is located in the front of the building fronting US 41. This operation is very neat and well maintained. The loading area is on the south side of the building. Site drainage flows southeast to US 41. No right-of-way would be required from this site for the recommended alternative. This site is assessed as **low risk**.

**Reevaluation Site #47 - JD Welding, 3515 E. Louise Lane.** This site is located at the northeast corner of SR 200/Louise Lane. Water lines lie along the western edge of the property. Residential land use lies to the south and east of the site, and commercial land use to the north. The site is neat and well maintained. Drainage flows away from SR 200 and Louise Lane. A corner clip of right-of-way would be required from the southwest corner of the property for the Louise Lane intersection. This site has been assessed as **low risk**.

**Site #48 - Absolute Quality Paint & Body, 3515 E. Louise Lane.** This site is located north of JD Welding, on the east side of SR 200. Commercial land use lies to the south and north of the site, and residential land use to the east. Water lines lie along the western edge of the site. The landowner (Bagley) is the same as that for the JD Welding site. This site is clean and well maintained. Drainage flows away from SR 200. No right-of-way would be required from this site for the recommended build alternative. This site has been assessed as **low risk**.

**Reevaluation Site #49 - Don's Front End Service, 3044 N. Carl G. Rose Hwy. (SR 200).** This site is located along SR 200, at the very northern end of the recommended build alternative. Commercial land use lies to the south and north of the site, and residential land use to the east. Water lines lie along



the western edge of the site. Drainage flows away from SR 200. The site is clean and well-maintained. No right-of-way would be required from this site. This site has been assessed as **low** risk.

## 9.0 RECOMMENDATIONS/EXECUTIVE SUMMARY

A total of 51 potential contamination sites were identified within or adjacent to the Preferred Build Alternative. The identification of potential contamination sites was based upon information available during the current reevaluation of the US 41 PD&E Study. It must be noted that the list of these sites is not all-inclusive; contamination may be encountered anywhere along the study length of US 41.

Table 4  
Potential Contamination Site Risk Ratings

Site Risk Rating	Number of Sites*
High	4
Medium	20
Low	26

\*The total does not add up to 51 sites due to a redesignation of one site to no risk.

It is recommended that each of the low risk sites be revisited prior to right-of-way acquisition to determine if higher quantities or new types of hazardous materials have been introduced to them or if recent events, such as a change in type of business, may indicate a higher potential for encountering contamination. Additional investigation is recommended for the medium and high risk sites prior to right-of-way acquisition including site visits, additional interviews with property owners, and soil testing as warranted. A Level II investigation has been recommended for some of the properties. In the time period between completion of the PD&E Study reevaluation and right-of-way acquisition, the circumstances can change substantially. A contamination incident may have occurred within that time period, the materials or quantities of materials handled may have changed, or new land uses (or establishments) may have located within the study area. After re-examination of the available information on the potential contamination sites, a determination should be made on whether testing needs to be completed and if deemed necessary, the appropriate type of testing.

Prior to right-of-way acquisition, further site assessment will be performed to the degree necessary to determine levels of contamination and, if warranted, options and associated costs will be evaluated to remediate. Resolution of problems associated with contamination will be coordinated with appropriate regulatory agencies and, prior to construction, appropriate action will be taken, where applicable.

## References

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USGS Quadrangle Maps.

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Project Name: 0541

SITE REVIEW INFORMATION FORM

Site No. 1

Parcel No. 181900 3-E-1 Block E Lots 1-3

Site Name & Address:  
Vacant (former C-Mart)  
1002 N. US 41  
Greenwood

Owner Name & Address:  
San Ramon Food Stores

Phone No. \_\_\_\_\_

Phone No. \_\_\_\_\_

Field Review Date: 3/12/98

Reviewer(s): RL & JC

NATURE OF SITE:

Existing Land Use: Vacant

Previous Land Use(s): Commercial gas station

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. 8503032 Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: No Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: No change from original CER

Drainage flows to the US 41 &  
from southward

Need ~3.5 m. of additional R/W



Project Name: 0541

SITE REVIEW INFORMATION FORM

Site No. 2

Parcel No. 1819203-E-4  
Block E lots 4-16

Site Name & Address:  
Amoco #88  
1010 N. 0541  
Groutness

Owner Name & Address:  
Weber & Wright

Phone No. \_\_\_\_\_

Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): R + JC

NATURE OF SITE:

Existing Land Use: Commercial

Previous Land Use(s): Commercial

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other car wash in rear

REGULATORY INFORMATION:

D.E.P. Program/No. 8842354 Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: No Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: New car wash in back since '94

Drainage from tank area drains  
to its own gutter and then runs  
to its own gutter and outfall to  
the east.

Tank pads adjacent to US 41  
at bldg. Set back as far as bldg.

Need ~ 4.0 m of addit'l R/W here to  
original design. Same recommendation  
as original d.r. B-2

Project Name: US 41

SITE REVIEW INFORMATION FORM

Site No. 3

Parcel No. 181930 3-E-25  
Block A Lots 25-30

Site Name & Address:  
West Coast Insurers  
(former R) #00201 on N. side  
1101 N. US 41

Owner Name & Address:

Phone No. \_\_\_\_\_

Phone No. \_\_\_\_\_

Field Review Date: 3/12/98

Reviewer(s): JL & JC

NATURE OF SITE:

Existing Land Use: Commercial

Previous Land Use(s): Commercial

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. 8518712 Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: No Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: No change from CER  
Closed in '93

Drainage of east half of site  
flows to US 41 & then north through to  
lower spot by Montgomery US 41  
intersection.

No additional R/W required

Project Name: 0541

SITE REVIEW INFORMATION FORM

Site No. 4

Parcel No. 18 1920 3-F-2 Block B lots

Site Name & Address: Realty World  
~~(former Supermarket)~~  
1122 N. 0541  
Inverness

Owner Name & Address: 21-26

Phone No. \_\_\_\_\_

Phone No. \_\_\_\_\_

Field Review Date: 3/12/98

Reviewer(s): UL & TC

NATURE OF SITE:

Existing Land Use: Commercial

Previous Land Use(s): Commercial

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered:

Contamination Reported?: NO Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: No evidence of former land uses

Drainage from west 1/2 of parking lot flows to 0541. Part of lot drains to the east.

Need ~ 4.0 m of additional fill here to smooth boundary of access.

Project Name: 0541

SITE REVIEW INFORMATION FORM

Site No. 5

181930 004.2  
Parcel No. 4-C-1 Block C

Site Name & Address:  
Powell Square Auto Repair  
(former Main St. Garage)  
1203 + 1213 N. 0541  
Ann Arbor

Owner Name & Address:  
\_\_\_\_\_  
\_\_\_\_\_

Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL & JC

NATURE OF SITE:

Existing Land Use: Commercial

Previous Land Use(s): Commercial

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: No Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: drums & other <sup>auto</sup> cleanup between bldgs.  
(N. side of PSAR)

Drainage from roof flows to US #1  
Drainage from bldgs & blind bldgs  
flows away from 0541

No additional R/W needed

Project Name: U541

SITE REVIEW INFORMATION FORM

Site No. 6

181920 004.2

Parcel No. 4.1-F-2 Block B

Site Name & Address:  
Touch of Quality Cleaners

Owner Name & Address:  
Powell

(Powell Square) 1128 Sterling Rd. Inverness

Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL & TC

NATURE OF SITE:

Existing Land Use: Commercial

Previous Land Use(s): Commercial

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. 9501401 Date: \_\_\_\_\_

Other Number(s): FLD 98 4234344

Not Registered: \_\_\_\_\_

Contamination Reported?: No Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: Tetrachloroethylene tank on site  
Drainage flows away from U541  
away from Sterling !!

Project Name: 0541

SITE REVIEW INFORMATION FORM

Site No. 7

18-19-20 004.2  
Parcel No. 4-C-1 Block C

Site Name & Address:  
Ferenc's Auto Body Svs.  
1221 N. US 41  
Powell Square  
Inverness

Owner Name & Address:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone No. \_\_\_\_\_

Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL&TC

NATURE OF SITE:

Existing Land Use: Commercial

Previous Land Use(s): Commercial

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: drums on S. side bldg, between sites 5 & 7

Drainage pattern same as Powell Square

No P/W needed from property

Project Name: 1541

SITE REVIEW INFORMATION FORM 4-B-4 Hauck

Site No. 8

18 19 20 3-F-21

Parcel No. Block B Lot 25-5-10  
Owner Name & Address: Hauck

Site Name & Address:  
KFC  
(former tax co.)  
1110 N US 41  
Governess

Phone No. \_\_\_\_\_

Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL & JC

NATURE OF SITE:  
Existing Land Use: Commercial

Previous Land Use(s): Commercial

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered:

Contamination Reported?: No Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: No evidence of former land use;  
N. end is a retention pond

Site has own subbasin - drains  
to detention pond at N. end of site  
per se.

Needs ~4.0 m. of P(U) from  
property.

Project Name: US 41

SITE REVIEW INFORMATION FORM

Site No. 9

18-19-30 Block 3 0010

Parcel No. 5-C0030 ~~0015~~

Site Name & Address: (K) #8623  
1224 N US 41  
Inverness

Owner Name & Address: Circle K General Inc.  
1

Phone No. \_\_\_\_\_

Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL & JC

NATURE OF SITE:

Existing Land Use: Commercial

Previous Land Use(s): Commercial

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. 8840275 Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: No Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: No change since '94

Drainage flows to north then  
toward US 41.

~~Need a 4.0 m. at Ditch #1 way from property~~  
Task will need to be done.



Project Name: US 41

SITE REVIEW INFORMATION FORM

Site No. 10

Parcel No. 1819 20 5-00130-0030  
4 4.1-F

Site Name & Address:

Owner Name & Address:  
Di Roma + Grimaldo

~~Vacant (H&H)~~  
1 former H's Motor Coach  
1403 N US 41  
Inverness

Phone No. \_\_\_\_\_

Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL & JC

NATURE OF SITE:

Existing Land Use: Vacant

Previous Land Use(s): Commercial

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered:

Contamination Reported?: No Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: No evidence of former l.u.

Drainage flows toward US 41 - a low spot on US 41 is nearby, where drainage from Basin 2 accumulates. (See photos)

Most of site already acquired by FDOT will need add'l 3.0m front setback.

Project Name: US 41

SITE REVIEW INFORMATION FORM

Site No. 10 A

Parcel No. \_\_\_\_\_

Site Name & Address:  
SUMMIT POOL SUPPLY  
1817 N. US 41

Owner Name & Address:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone No. \_\_\_\_\_

Phone No. \_\_\_\_\_

Field Review Date: 8/11/98 Reviewer(s): JS

NATURE OF SITE:

Existing Land Use: CLUSTER OF ATTACHED COMMERCIAL RENTAL UNITS

Previous Land Use(s): VACANT

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments:

AT TIME OF SITE VISIT, POOL SUPPLY OPERATION  
WAS OUT OF BUSINESS AND PROPERTY HAD BEEN  
VACATED - NO SIGN OF POTENTIAL HAZARDOUS  
WASTE PROBLEMS.



Project Name: US41

SITE REVIEW INFORMATION FORM

Sub 0040 Block B lat 1  
00400300010  
4-B-1

7-19-80

Site No. 12

Parcel No. \_\_\_\_\_

Site Name & Address:  
Citrus Cycle Center  
2277 N US41  
Inverness

Owner Name & Address: \_\_\_\_\_

Phone No. \_\_\_\_\_

Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL & TC

NATURE OF SITE:

Existing Land Use: Commercial

Previous Land Use(s): Commercial

SITE/CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage near
- Underground Tanks
- Aboveground Tanks
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: No Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments:

Drainage flows away from  
US41.  
Strip of R/W required from NE  
corner of site.

Project Name: US 41

SD 3A000-0020

SITE REVIEW INFORMATION FORM

Site No. 13

Parcel No. 4-19-20 or tract 32.91

Site Name & Address:  
Golden X Plumbing Sy  
8 N. FL AVE  
Inverness

Owner Name & Address:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone No. \_\_\_\_\_

Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): TL & TC

NATURE OF SITE:

Existing Land Use: Commercial

Previous Land Use(s): vacant

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered:

Contamination Reported?: No Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: No evident contamination.  
Drainage flows away from US 41  
No R/W required from this site



Project Name: 0541

SITE REVIEW INFORMATION FORM

Site No. 15

6-19-90 3A000-0070  
Parcel No. 3A000-0080

Site Name & Address:  
Tony's Auto Clinic  
38 N. FL. AVE  
Inverness

Owner Name & Address:  
Moling & Sanders

Phone No. \_\_\_\_\_

Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL + JC

NATURE OF SITE:

Existing Land Use: Commercial

Previous Land Use(s): Commercial

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other air stripper

REGULATORY INFORMATION:

D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: NO Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: See photo - clean

Drainage flows away from US41

No R/W required

Project Name: US 41

SITE REVIEW INFORMATION FORM

Site No. 16 6-19-90  
Parcel No. 0010-149

Site Name & Address: Advanced Tire & Auto Boyer  
55 N. FL Ave.  
Inverness

Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL & JC

NATURE OF SITE:  
Existing Land Use: Commercial

Previous Land Use(s): Commercial

SITE CONDITION:  
 Clean/Well-Maintained  Odor  Underground Tanks  
 Surface Stains  Vegetation Damage  Aboveground Tanks  
 Petro/Chemical Sheen  Drum Storage  Other tires

REGULATORY INFORMATION:  
D.E.P. Program/No. 8503116 Date: \_\_\_\_\_  
Other Number(s): \_\_\_\_\_  
Not Registered: \_\_\_\_\_

Contamination Reported?: Yes Date: \_\_\_\_\_ Cleanup Program: EDI  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: Still has groundwater contam. -  
cleanup equipment still in place.  
according to Citrus County staff  
this is a Superfund site. The Floridan  
aquifer has been contaminated.  
Contaminant has spread to Com's auto  
& is eastward to Church. Monitoring  
is ongoing. Not on EPA register,  
probably due to size.

Flow K/U required

Drainage flows to NW (to US 41) at north  
edge of site and rest of site to SE to a low spot  
in block between sites. B-16



Project Name: 0541

SITE REVIEW INFORMATION FORM

Site No. 17 Parcel No. 6-19-30 0010-148.5

Site Name & Address: Como Cauto Sales  
61 N FLAve  
Inverness Owner Name & Address: Como

Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL & JC

NATURE OF SITE:  
Existing Land Use: Commercial

Previous Land Use(s): Commercial

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other debris

REGULATORY INFORMATION:

D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: Not clean, debris  
shop in rear

Drainage flows to Live Oak (N)  
then to 0541 (NW) on Live Oak

Operation in existing R/W & additional  
R/W will be needed from corner of  
Live Oak / 0541 (to 4.0 m)

Project Name: 0541

SITE REVIEW INFORMATION FORM

Site No. 18 Parcel No. 6-19-80 33230

Site Name & Address: Brown's Auto  
70 N FL AVE  
Governess  
Owner Name & Address: Booth

Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL & JC

NATURE OF SITE:  
Existing Land Use: Commercial  
Previous Land Use(s): Commercial

SITE CONDITION:  
 Clean/Well-Maintained       Odor       Underground Tanks  
 Surface Stains       Vegetation Damage       Aboveground Tanks  
 Petro/Chemical Sheen       Drum Storage       Other

REGULATORY INFORMATION:  
D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_  
Other Number(s): \_\_\_\_\_  
Not Registered: \_\_\_\_\_  
Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: No change from CER  
Drainage flows away from 0541  
No R/W needed

Project Name: US 41

SITE REVIEW INFORMATION FORM

Site No. 19 Parcel No. 6-19-80 33250

Site Name & Address: Citrus Collision & Paint Wash  
76 N FL Ave  
Inverness  
Owner Name & Address: Wirthman

Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL & JC

NATURE OF SITE:  
Existing Land Use: Commercial

Previous Land Use(s): Commercial

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_  
Other Number(s): D&PFLD 98 216 & 411 (Citrus Collision)  
Not Registered: \_\_\_\_\_

Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments:  
Drainage flows away from US 41  
No R/W needed

Project Name: US 41

SITE REVIEW INFORMATION FORM

Site No. 20 Parcel No. 0010 Lots 77-80

Site Name & Address: Chevron (former Amoco)  
77 N. FL Ave  
Irwinville

Owner Name & Address:

Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL & JC

NATURE OF SITE:  
Existing Land Use: Commercial

Previous Land Use(s): Commercial

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. 8840219 Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: No change from CER  
may have been a Trailways Grey  
hound station in past. Former Amoco,  
Finco, U-Haul

Drainage toward US41

Add to R111 needed from former US41/King's  
(~ 4' in) away from tanks & pumps (~ 55 m)





Project Name: US 41

SITE REVIEW INFORMATION FORM

Site No. 23 Parcel No. 1-19-19 0010 Lot 14

Site Name & Address: Citrus Auto Sales Owner Name & Address: Talsma  
114 N FL Ave  
Governess

Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL & JC

NATURE OF SITE:  
Existing Land Use: Commercial

Previous Land Use(s): Commercial

SITE CONDITION:  
 Clean/Well-Maintained       Odor       Underground Tanks  
 Surface Stains       Vegetation Damage       Aboveground Tanks  
 Petro/Chemical Sheen       Drum Storage       Other

REGULATORY INFORMATION:  
D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_  
Other Number(s): \_\_\_\_\_  
Not Registered: \_\_\_\_\_  
Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: Drainage toward US 41 - there's a low point on US 41 right in front of the site. This low point is where drainage from entire Basin 5 accumulates & then percolates.  
No K/W required

Project Name: 0541

SITE REVIEW INFORMATION FORM

Site No. 24

<sup>SD</sup>  
1-19-19 0010. Lot 5  
Parcel No. \_\_\_\_\_

Site Name & Address:  
Discount Auto  
156 N FL Ave  
Grovesville

Owner Name & Address:  
McDaniel

Phone No. \_\_\_\_\_

Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL & JC

NATURE OF SITE:

Existing Land Use: Commercial

Previous Land Use(s): Commercial, agricultural

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: former nursery in rear

Drains toward 0541 then N. on 41

No R/W required



Project Name: US 41

SITE REVIEW INFORMATION FORM

Site No. 24 A

Parcel No. \_\_\_\_\_

Site Name & Address:  
GORMAN'S POOL SUPPLY  
144 N. FLORIDA AVE.

Owner Name & Address:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone No. \_\_\_\_\_

Phone No. \_\_\_\_\_

Field Review Date: 8/11/98 Reviewer(s): JS

NATURE OF SITE:

Existing Land Use: COMMERCIAL (POOL SUPPLY DISTRIBUTOR)

Previous Land Use(s): VACANT

SITE CONDITION:

- |   |  |  |
|---|--|--|
| <input checked="" type="checkbox"/> Clean/Well-Maintained | <input type="checkbox"/> Odor              | <input type="checkbox"/> Underground Tanks |
| <input type="checkbox"/> Surface Stains                   | <input type="checkbox"/> Vegetation Damage | <input type="checkbox"/> Aboveground Tanks |
| <input type="checkbox"/> Petro/Chemical Sheen             | <input type="checkbox"/> Drum Storage      | <input type="checkbox"/> Other             |

REGULATORY INFORMATION:

D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: \_\_\_\_\_

A WELL-ORGANIZED FACILITY. COMPANY REP.  
STATED NO UNDERGROUND TANKS PRESENT.  
NOTHING HAZARDOUS WITHIN 200'± OF HWY ROW.  
ONE ABOVE GROUND TANK ON SITE - CONTAINS  
CHLORINE; LOOKS RELATIVELY NEW AND WELL  
MAINTAINED

Project Name: 0541

SITE REVIEW INFORMATION FORM

Site No. 25

Parcel No. 1-19-19 0010 Lot 3

Site Name & Address:  
Mitchell's Mustangs  
164 N FL Ave  
Omverness

Owner Name & Address:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone No. \_\_\_\_\_

Phone No. \_\_\_\_\_

Field Review Date: 3/12/98

Reviewer(s): JL & JC

NATURE OF SITE:

Existing Land Use: Commercial

Previous Land Use(s) Commercial

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: Drains toward US 41 then N. on 41

no R/W required  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Project Name: US 41

SITE REVIEW INFORMATION FORM

Site No. 26

Parcel No. 1-19-19 0010 Lot 1

Site Name & Address:  
Auto Accurate Tires  
174 NFL Ave  
Amverness

Owner Name & Address:  
N. Conti

Phone No. \_\_\_\_\_

Phone No. \_\_\_\_\_

Field Review Date: 3/12/98

Reviewer(s): JL & JC

NATURE OF SITE:

Existing Land Use: Commercial

Previous Land Use(s): Commercial

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: former gas station evidence  
in front

Drains to US 41 then N on 41.

No R/W required



Project Name: US 41

SITE REVIEW INFORMATION FORM 0040 Block 23 Lots 14 & 15

Site No. 28

Parcel No. 150, 155, 14810,

Site Name & Address:  
Plaza Industrial Park,  
4434 Arlington St.  
Inverness

Owner Name & Address:  
14370

Phone No. \_\_\_\_\_

Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL & JC

NATURE OF SITE:

Existing Land Use: Commercial, light industrial

Previous Land Use(s): Commercial, <sup>light</sup> industrial

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other debris outside businesses

REGULATORY INFORMATION:

D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: Unkempt - drums outside,  
most businesses for waste. Debris in front of  
Several propane tanks in back. all lined  
with railroad in past (auto repair, <sup>auto repair</sup> auto waste)  
Auto repair, taxidermist, <sup>taxidermist</sup> taxidermist  
in plaza, painting businesses  
Hero's Auto (H), Welding Shop, Tony + Carol's Taxidermy  
Sign Shop, Mike's Machine Shop  
Drains to US 41 then south on 41



Project Name: US 41

SITE REVIEW INFORMATION FORM

Site No. 30

Parcel No. 36-18-19  
0010 Lot 3.0

Site Name & Address:  
Express Inc. Truck Repair  
(FX Press)  
1155 N FL Ave  
Inverness

Owner Name & Address:  
\_\_\_\_\_  
\_\_\_\_\_

Phone No. \_\_\_\_\_

Phone No. \_\_\_\_\_

Field Review Date: 3/12/78 Reviewer(s): JL & JC

NATURE OF SITE:

Existing Land Use: Commercial

Previous Land Use(s): Commercial

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other old trucks

REGULATORY INFORMATION:

D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: suspect hazardous waste handling  
(maybe S&G) old trucks parked  
former muffler repair shop: 3 Drums on site,

Front of property drains to US 41. Rest  
of property drains away from US 41 -  
The potential contamination would  
flow away from US 41.  
No R/W needed

Project Name: 0541

SITE REVIEW INFORMATION FORM

*Ann. City. 4/15.*  
*002 Block K lots 16-18*  
*3-CO230-001090015*

Site No. 31

36-18-19

Parcel No. 3-CO230-001090015

Site Name & Address:  
Kwink King City #56  
1211 N FL AVE  
Inverness

Owner Name & Address:  
\_\_\_\_\_  
\_\_\_\_\_

Phone No. \_\_\_\_\_

Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL & JC

NATURE OF SITE:

Existing Land Use: Commercial

Previous Land Use(s): Commercial (former Union 76)

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. 8735400 Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: Retention pond on-site

thru  
No change from CER

Drainage is toward 0541

~ 4.0 m R/W needed from NW corner of site in retention pond.

Tank pad on So. boundary line, in front of store.



Project Name: US 41

SITE REVIEW INFORMATION FORM *Keller SD*

Site No. 32

Parcel No. 36-18-19 0030 *Lots Block N 21-22*

Site Name & Address: Kay - Dawson Propane  
1501 N FL Ave  
Julesburg

Owner Name & Address:

Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL & JC

NATURE OF SITE:

Existing Land Use: Commercial

Previous Land Use(s): Commercial

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: Property frontage drains to US 41.  
Rest of property (where tanks are located)  
drains to a low point south of lot.

no R/W needed

Project Name: U541

SITE REVIEW INFORMATION FORM

Site No. 3433 Parcel No. 25-18-19 33410

Site Name & Address: Van Ness auto parts Owner Name & Address: Van Ness  
1876 N FL AVE  
Inverness

Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL & JC

NATURE OF SITE:  
Existing Land Use: \_\_\_\_\_

Previous Land Use(s): \_\_\_\_\_

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks *Remnants*
- Aboveground Tanks
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. 873 5889 Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: No change from CER  
closed

Drainage ditch towards road  
pt. behind site.  
Esout 1/2 of site drains to U541  
Rest of site drains N. to low point  
just N. of the site.

No R/W needed.

Project Name: 054/

SITE REVIEW INFORMATION FORM

Site No. ~~34~~ 34 Parcel No. 20-18-19 21000 ~~21000~~

Site Name & Address: Vehicle Junk yard  
Citrus Auto Salvage / NEXTEL Langspur Court  
Langspur Ct.  
Hernando

Owner Name & Address: Meredith  
Langspur Court

Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): MF

NATURE OF SITE:  
Existing Land Use: commercial / communication

Previous Land Use(s): vacant (many yrs. ago)

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other abandoned  
autos & other  
vehicles

REGULATORY INFORMATION:

D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered:

Contamination Reported?: NO Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: County staff (field reviewer)  
states that this site has been a  
junkyard "forever". It is grand to have  
it exempt from permitting & County  
regulation. "There could be anything  
at that property." Contamination is  
likely. There is a brand new NEXTEL  
communication tower & bldg. on-site  
bought from Dial One late last year.  
Drainage: This is a sink-pool area. Percolates

Project Name: \_\_\_\_\_

SITE REVIEW INFORMATION FORM

Site No. 36 35 Parcel No. 36-18-19 0010 SD Lot 14, 15, 16

Site Name & Address: Butlers Used Cars Owner Name & Address: Mike Scordatto  
2244 N FL Ave lives on site  
Address  
Hernando

Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL & JC

NATURE OF SITE:  
Existing Land Use: Commercial

Previous Land Use(s): Commercial

SITE CONDITION:  
 Clean/Well-Maintained  Odor  Underground Tanks Closed  
 Surface Stains  Vegetation Damage  Aboveground Tanks in place  
 Petro/Chemical Sheen  Drum Storage  Other accord  
to owner

REGULATORY INFORMATION:  
D.E.P. Program/No. 8630778 Date: \_\_\_\_\_  
Other Number(s): \_\_\_\_\_  
Not Registered:   
Contamination Reported?: No Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: former Union Fl in 1960's  
owner said tanks closed, foam filled several  
Butler's Open 4 mos. prior to year ago  
field visit - rents from Scordatto's  
huge sinkhole in rear -  
threatening property.  
tank pad in front on W side, just  
off NE corner of Butler's building  
Closure not in County records B-35

no RI needed

Drainage: Large sinkhole to south has expanded

Project Name: 0541

SITE REVIEW INFORMATION FORM

Site No. 37 36 Parcel No. 86-18-19 0010 lot 14.5

Site Name & Address: Security Pest Control (former Auto Air) (former ice cream place) 2255 N FL AVE  
Owner Name & Address: Mike Scordatto lives on property  
Governess Hernandez

Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL & JC

NATURE OF SITE:  
Existing Land Use: Commercial

Previous Land Use(s): Commercial

SITE CONDITION:  
 Clean/Well-Maintained       Odor       Underground Tanks  
 Surface Stains       Vegetation Damage       Aboveground Tanks  
 Petro/Chemical Sheen       Drum Storage       Other

REGULATORY INFORMATION:  
D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_  
Other Number(s): \_\_\_\_\_  
Not Registered: AD ✓  
Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: Sinkhole in rear. Threatening property. Well-maintained property. Sinkhole behind property - drainage flows toward it.  
No R/I needed

Project Name: \_\_\_\_\_

SITE REVIEW INFORMATION FORM

Site No. 28 37 Parcel No. 26-18-19 0010 Lots 11-13

Site Name & Address: Chevron (former Shell) Owner Name & Address: Smith + Standard Oil  
2300 N. FL Ave  
Business  
Hernando

Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL & JC

NATURE OF SITE:  
Existing Land Use: Commercial

Previous Land Use(s): Commercial, vacant

SITE CONDITION:

- Clean/Well-Maintained
- Odor
- Underground Tanks
- Surface Stains
- Vegetation Damage
- Aboveground Tanks
- Petro/Chemical Sheen
- Drum Storage
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. 8503072 Date: \_\_\_\_\_  
Other Number(s): \_\_\_\_\_  
Not Registered: \_\_\_\_\_

Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: Same as for CER - tanks on S. border of property.  
Runoff from frontage 1/2 of site flows to AS 41, Rest of site drains to sinkhole behind Site #36.  
Need sliver of R/W on NE corner.

Project Name: 0541

SITE REVIEW INFORMATION FORM

Site No. 3938 Parcel No. 20-15-19 13110

Site Name & Address: Rwite King  
(former Excel + C/ITGO)  
2408 N FL Ave  
Hernando

Owner Name & Address:

Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL & JC

NATURE OF SITE:

Existing Land Use: \_\_\_\_\_

Previous Land Use(s): \_\_\_\_\_

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. 8503112 Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: No Change from CER

Drainage flows to southeast  
toward low spot in middle of  
intersection

Tanks near SE corner of property  
RIW required (~2.0 mg) may  
require moving tanks

Project Name: \_\_\_\_\_

SITE REVIEW INFORMATION FORM

Site No. 39 Parcel No. 26-18-19 0020 Lots 68-70

Site Name & Address: Vacant Owner Name & Address: Wayne, Jussom  
former Winters - vacant  
former Charlie's Fine  
2450 N FL Ave  
Hernando

Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL & JC

NATURE OF SITE:  
Existing Land Use: vacant

Previous Land Use(s): Commercial

SITE CONDITION:  
 Clean/Well-Maintained  Odor  Underground Tanks *bedrock*  
 Surface Stains  Vegetation Damage  Aboveground Tanks  
 Petro/Chemical Sheen  Drum Storage  Other *overgrown very old - brick on*

REGULATORY INFORMATION:  
D.E.P. Program/No. 8503028 Date: \_\_\_\_\_  
Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_  
Contamination Reported?: No Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: may have been old gas station  
- possible tank pad remnants on southeast  
corner. possibly 2 old gas stations.  
N. end has very old wooden structure  
with <sup>covered</sup> porch area facing south - may  
have been a fueling pad. Charlie's Fine  
Tanks have been properly removed.

Drainage flows to SW to middle  
of 480/41 intersection.  
Rightway needed from 480/41  
B-39



Project Name: 0541

SITE REVIEW INFORMATION FORM

Site No. 33 40 Parcel No. 26-18-19 ~~0000~~ 12410

Site Name & Address: Furniture & Antiques Exchange  
Lakeview School Owner Name & Address: Citrus County School Board  
2435 N FL Ave  
Hernando

Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL JFC

NATURE OF SITE:  
Existing Land Use: institutional

Previous Land Use(s): agricultural

SITE CONDITION:

Clean/Well-Maintained  Odor  Underground Tanks pad  
 Surface Stains  Vegetation Damage  Aboveground Tanks  
 Petro/Chemical Sheen  Drum Storage  Other WWT package plant

REGULATORY INFORMATION:

D.E.P. Program/No. 8732270/FLA011841 Date: \_\_\_\_\_  
Other Number(s): \_\_\_\_\_  
Not Registered: No  
Contamination Reported? No Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: Parsons (cleared area behind fence)  
Tank pad at NW corner of school  
(SE corner of 486/41) Tanks have been  
removed to Hernando Elem. WWT is  
not active - disson SE corner of  
property, far back from Parsons Pt. Rd (486  
& 0541. No impact on WWT - will not  
be operated again as a sewer line is  
now nearby. B-40

Frontage on 0541 flows toward 0541. Rest of property drains to SE, toward Bala Apollo

Flow of land into area from N  
No impact to tank area



Project Name: US 41 Reevaluation

SITE REVIEW INFORMATION FORM

Site No. 42  
40

23-18-19  
Parcel No. 0020 Lots 119-121

Site Name & Address:  
Nike's Tire  
Former Robert Automotive  
2651 N Fl Ave  
Hernando

Owner Name & Address:  
\_\_\_\_\_  
\_\_\_\_\_

Phone No. \_\_\_\_\_

Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JZ & JC

NATURE OF SITE:

Existing Land Use: Commercial

Previous Land Use(s): Commercial

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks indicated
- Aboveground Tanks
- Other tires

REGULATORY INFORMATION:

D.E.P. Program/No. 8503162 Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: One old service bay, unempt  
in rear of bay. North side of bldg. has  
tires & wheels, old vehicles parked. Does  
not appear to be a major source of contam-  
ination. Evidence of tank pad in front.  
Drainage flows E. to Lake

Need 3.0 m from W. boundary -  
Right over old pumps & tanks.  
B-42

Project Name: 0541

SITE REVIEW INFORMATION FORM

Site No. 4A 43 Parcel No. 23-18-19 Lot 48

Site Name & Address: Heritage Propane (former Texaco) 2700 N. FL Ave  
Hernando Owner Name & Address: Armstrong

Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL & JC

NATURE OF SITE:  
Existing Land Use: Commercial

Previous Land Use(s) Commercial

SITE CONDITION:

Clean/Well-Maintained       Odor       Underground Tanks  
 Surface Stains       Vegetation Damage       Aboveground Tanks  
 Petro/Chemical Sheen       Drum Storage       Other propane

REGULATORY INFORMATION:

D.E.P. Program/No: EE 9200411/9200412 Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_  
Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: Outside propane tanks, not  
all enclosed. Should be registered  
main building has evidence of  
gas station (island). Upgrade of  
of 0541 (retaining wall) from  
propane tanks on N. side of property.

Drainage to 0541  
No R/W needed  
B-43

Project Name: 0541

SITE REVIEW INFORMATION FORM

Site No. 44

Parcel No. 23-18-19 0020 of 24-27

Site Name & Address: Cumberland Farms  
2805 N. Fl Ave  
Hernando

Owner Name & Address:

Phone No. \_\_\_\_\_

Phone No. \_\_\_\_\_

Field Review Date: 3/12/98

Reviewer(s): JL ejc

NATURE OF SITE:

Existing Land Use: Commercial

Previous Land Use(s): vacant

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: very clean

Drains to SW to SR 200 / US 41  
intersections

L1: No RW required - tanks adjacent  
to SR 200

R1: Entire site taken



0541

Project Name: \_\_\_\_\_

SITE REVIEW INFORMATION FORM

~~SD0070 BKA~~ *h*

Site No. ~~47~~ 46 23-18-19 Parcel No. 32100

Site Name & Address: Cato Classic Trailers  
2912 N FL Ave  
Hernando

Owner Name & Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JL of C

NATURE OF SITE:  
Existing Land Use: light indust./commercial  
Previous Land Use(s): Commercial

SITE CONDITION:

- Clean/Well-Maintained
- Surface Stains
- Petro/Chemical Sheen
- Odor
- Vegetation Damage
- Drum Storage
- Underground Tanks
- Aboveground Tanks
- Other

REGULATORY INFORMATION:

D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: brand new company (1997)  
moved from Wildwood. Propane  
on site for welding. Rear of bldg  
is shop; front is office/showroom.  
Main SE to 0541  
no rev/w needed

Project Name: 0541

SITE REVIEW INFORMATION FORM

Site No. 47

23-18-19  
Parcel No. 3D0010 BIK A Lots 100-100

Site Name & Address:  
JD Welding  
SR 200  
just south of ~~Highway 49~~  
absolute Quality (site 48)

Owner Name & Address:

Phone No. \_\_\_\_\_

Phone No. \_\_\_\_\_

Field Review Date: 3/12/98  
4/2/98

Reviewer(s): JL & JC  
DR

NATURE OF SITE:

Existing Land Use: Commercial

Previous Land Use(s): Commercial

SITE CONDITION:

Clean/Well-Maintained  
 Surface Stains  
 Petro/Chemical Sheen

Odor  
 Vegetation Damage  
 Drum Storage

Underground Tanks  
 Aboveground Tanks  
 Other

REGULATORY INFORMATION:

D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments:

Drain toward lake  
~4.0 m R/W needed off SW corner





Project Name: 49 0541

SITE REVIEW INFORMATION FORM

Site No. 49 Parcel No. 23-18-19 0010 Block A Lot 95

Site Name & Address: Don's Front End Service  
3044 SR 200  
Owner Name & Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone No. \_\_\_\_\_ Phone No. \_\_\_\_\_

Field Review Date: 3/12/98 Reviewer(s): JE & JL

NATURE OF SITE: 4/2/98 DR

Existing Land Use: Commercial

Previous Land Use(s): Commercial

SITE CONDITION:

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Clean/Well-Maintained | <input type="checkbox"/> Odor              | <input type="checkbox"/> Underground Tanks |
| <input type="checkbox"/> Surface Stains        | <input type="checkbox"/> Vegetation Damage | <input type="checkbox"/> Aboveground Tanks |
| <input type="checkbox"/> Petro/Chemical Sheen  | <input type="checkbox"/> Drum Storage      | <input type="checkbox"/> Other             |

REGULATORY INFORMATION:

D.E.P. Program/No. \_\_\_\_\_ Date: \_\_\_\_\_

Other Number(s): \_\_\_\_\_

Not Registered: \_\_\_\_\_

Contamination Reported?: \_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_ Cleanup Program: \_\_\_\_\_

File Review (Agency/Date): \_\_\_\_\_ Reviewer(s): \_\_\_\_\_

Comments: Drains toward Lake

No R/W required U or R/

APPENDIX D

STANDARD INDUSTRIAL CODES

CODE FOR HAZARDOUS WASTE TYPES

- A Waste pesticides
- B Washing and rinsing solutions containing pesticides
- C Empty pesticide containers
- D Spent toxaphene solutions or sludges from dipping
- E Spent pesticide solutions or sludges other than toxaphene from dipping
- F Dust containing heavy metals
- G Washings and rinsing solutions containing heavy metals
- H Wastewater treatment sludges containing heavy metals
- I Waste ink
- J Ignitable paint wastes containing flammable solvents (flash point less than 140°F)
- K Liquid paint wastes containing heavy metals (cadmium, chromium, mercury or lead)
- L Spent solvents
- M Still bottoms from the distillation of solvents
- N Filtration residues from dry cleaning operations
- O Cyanide wastes
- P Strongly acidic or alkaline wastes
- Q Spent plating wastes
- R Waste ammonia
- S Photographic wastes
- T Ignitable wastes (flash point less than 140°F)
- U Wastewater sludges containing pentachlorophenol, creosote, or arsenic
- V Waste formaldehyde
- W Lead-acid batteries
- X Waste explosives
- Y Waste oil
- Z Other

LIST OF POTENTIAL HAZARDOUS WASTE GENERATORS BY SIC CODE\*

SIC Code	Waste Types	Description
<u>0115-0783: AGRICULTURE</u>		
0115	ABC	Corn
0131	ABC	Cotton
0132	ABC	Tobacco
0133	ABC	Sugar Crops
0161	ABC	Vegetable and Melon Farmers
0171	ABC	Berry Crops
0174	ABC	Citrus Fruit Growers
0181	ABC	Ornamental Floriculture & Nursery Products
0191	ABC	General Farms, primarily Crop
0211	ABC	Beef Cattle Feedlots
0212	ABC	Beef Cattle, except Feedlots (e.g., Ranches)
0214	ABC	Sheep and Goat Farms
0291	ABC	General Livestock
0711	ABCY	Soil Preparation Services
0721	ABCY	Crop Planting, Cultivation, and Protection
0722	LPWY	Crop Harvesting, Primarily by Machine
0724	Y	Cotton Ginning
0729	AY	General Crop Services
0751	A	Livestock Services, except Services for Animal Specialities
0782	A	Lawn and Garden Services
0783	AY	Ornamental Shrub and Tree Services
<u>0811-0851: FORESTRY</u>		
0811	ABC	Timber Tracts
0821	ABC	Forest Nurseries & Tree Seed Gathering & Extracting
0851	ABCY	Forestry Services
<u>1611-1799: CONSTRUCTION</u>		
1611	LPWXY	Highway and Street Construction
1622	LPWXY	Bridge, Tunnel, and Elevated Highway Construction
1711	PT	Plumbing, Heating (except Electric) and Air Conditioning
1721	JKLT	Painting, Paper Hanging, and Decorating, Heavy Construction, NEC
1743	LT	Terrazzo, Tile, Marble, and Mosaic Work
1752	JKLT	Floor Laying and Other Floorwork, NEC

\*Each industry has been identified as a potential generator of hazardous waste on the basis that the industry may generate corrosive, reactive, ignitable, and/or toxic wastes. For example, SIC code 0711, Soil Preparation Services, is a potential generator of toxic pesticide wastes. Each SIC code listed in Table 1 has previously been documented in the literature as a potential generator of hazardous waste.

NEC = Not elsewhere classified

SIC Code	Waste Types	Description
1761	LT	Roofing and Sheet Metal Work
1793	LT	Glass and Glazing Work
1794	LPWY	Excavating and Foundation Work
1799	JKLPWY	Special Trade Contractors

2032-3999: MANUFACTURING INDUSTRIES

2032		Canned Specialties
2091		Canned and Cured Fish and Seafoods
2231	LM	Broad Woven Fabric Mills, Wool
2251	LM	Womens Full Length and Knee Hosiery
2252	LM	Hosiery, except Women's Full Length & Knee Length
2253	LM	Knit Outerwear Mills
2254	LM	Knit Underwear Mills
2257	LM	Circular Knit Fabric Mills
2258	LM	Warp Knit Fabric Mills
2259	LM	Knitting Mills, NEC
2261	LM	Finishers of Broad Woven Fabrics of Cotton
2262	LM	Finishers of Broad Woven Fabrics of Man-Made Fiber and Silk
2269	LM	Finishers of Broad Woven Fabrics, Man-Made Fiber and Silk
2271	LM	Woven Carpets and Rugs
2272	LM	Tufted Carpets and Rugs
2279	LM	Carpets and Rugs, -NEC
2434	JKLT	Wood Kitchen Cabinets
2435	JKLT	Hardwood Veneer and Plywood
2436	JKLT	Softwood Veneer and Plywood
2451	JKLT	Mobile Homes
2452	JKLT	Prefabricated Wood Buildings and Components
2491	H	Wood Preserving
2492	LT	Particleboard
2511	JKLMT	Wood Household Furniture, except Upholstered
2514	HLOPQ	Metal Household Furniture
2517	JKLMT	Wood TV and Radio Cabinets
2519	JKLMT	Household Furniture, NEC
2521	JKLMT	Wood Office Furniture
2522	HLMOP	Metal Office Furniture
2541	JKLMT	Wood Partitions and Fixtures
2542	HLMOPQ	Metal Partitions and Fixtures
2611	LMPTY	Pulp Mills
2621	LMPTY	Paper Mills, Except Building Paper Mills
2631	LMPTY	Paperboard Mills
2641	ILP	Paper Coating and Glazing
2643	ILP	Bags, Except Textile Bags
2645	ILP	Die-Cut Paper and Paperboard and Cardboard
2646	ILP	Pressed and Molded Pulp Goods
2649	ILP	Converted Paper and Paperboard Products, NEC
2651	ILP	Folding Paperboard Boxes
2652	ILP	Set-up Paperboard Boxes
2653	ILP	Corrugated and Solid Fiber Boxes

NEC = Not elsewhere classified

SIC Code	Waste Types	Description
2654	ILPY	Sanitary Food Containers
2655	ILPY	Fiber Cans, Tubes, Drums, and Similar Products
2661	LMPTY	Building Paper and Building Board Mills
2711	HILOPQ	Newspapers: Publishing and Printing
2721	HILOPQ	Periodicals, Publishing & Printing
2731	HILOPQ	Books: Publishing and Printing
2732	HILOPQ	Book Printing
2751	HILOPQ	Commercial Printing, Letterpress and Screen
2752	HILOPQ	Commercial Printing, Lithographic
2753	HILOPQ	Engraving and Plate Printing
2754	HILOPQ	Commercial Printing, Gravure
2761	HILOPQ	Manifold Business Forms
2771	HILOPQ	Greeting Card Publishing
2782	HILOPQ	Blankbooks, Looseleaf Binders, and Devices
2789	HILOPQ	Bookbinding and Related Work
2791	HILOPQ	Typesetting
2812	Y	Alkalies and Chlorine
2816	FOPY	Inorganic Pigments
2819	FOPQRSY	Industrial Inorganic Chemicals, NEC
2821	LMTY	Plastics, Materials, Synthetic Resins, and Non-vulcanizable Elastomers
2822	LMTY	Synthetic Rubber
2823	LMTY	Cellulosic Man-Made Fibers
2824	LMTY	Synthetic Organic Fibers, except Cellulosic
2831		Biological Products
2833		Medicinals and Botanicals
2834	LP	Pharmaceutical Preparations
2841	FLMTY	Soap and Other Detergents, except Speciality Cleaners
2842	ALMPTY	Specialty Cleaners, Polishes, and Sanitation Preparations
2843	FLMTY	Surface Active Agents, Finishing Agents, Sulfonated Oils, and Assistants
2844	FLTY	Perfumes, Cosmetics, and Other Toilet Preparations
2851	FGLMPY	Paint and Allied Products
2861	LMPTY	Gum and Wood Chemicals
2865	Y	Cyclic (Coal Tar) Crudes, and Cyclic Intermediates, Dyes, and Organic Pigments (Lakes and Toners)
2869	LMPTY	Industrial Organic Chemicals, NEC
2873		Nitrogenous Fertilizers
2879	ABCLMY	Pesticide and Agricultural Chemicals, NEC
2891		Adhesives and Sealants
2892		Explosives
2893	FGLMP	Printing Ink
2899	LMOPTY	Chemical Preparations
2911	Y	Petroleum Refining
2952	Y	Asphalt Felts and Coatings
2992	Y	Lubricating Oils and Greases
2999	Y	Products of Petroleum and Coal, NEC
3079	JLMY	Miscellaneous Plastic Products
3111	L	Leather Tanning and Finishing

NEC = Not elsewhere classified

SIC Code	Waste Types	Description
3131	L	Boots & Shoe Cut Stock & Findings
3151	L	Leather Gloves & Mittens
3144	L	Women's Footwear, except Athletic
3161	L	Luggage
3171	L	Women's Handbags & Purses
3172	L	Personal Leather Goods
3199	L	Leather Goods, NEC
3211	FT	Flat Glass
3251	JKL	Brick and Structural Clay Tile
3253	JKL	Ceramic Wall and Floor Tile
3261	JKL	Vitreous China Plumbing Fixtures and Bathroom Accessories
3262	JKL	Vitreous China Table and Kitchen Articles
3263	JKL	Fine Earthenware (Whiteware) Table & Kitchen Articles
3264	JKL	Porcelain Electrical Supplies
3269	JKL	Pottery Products, NEC
3291	T	Abrasive Products
3293	LT	Gaskets, Packing and Sealing Devices
3312	Y	Blast Furnaces, Steel Works, and Rolling Mills
3313	Y	Electrometallurgical Products
3315	Y	Steel Wire Drawing and Steel Nails and Spikes
3316	Y	Cold Rolled Steel Sheet, Strip, and Bars
3317	Y	Steel Pipe and Tubes
3321	Y	Gray Iron Foundries
3322	Y	Malleable Iron Foundries
3325	Y	Steel Foundries, NEC
3332	Y	Primary Smelting and Refining of Lead
3333	Y	Primary Smelting and Refining of Zinc
3334	Y	Primary Production of Aluminum
3339	Y	Primary Smelting and Refining of Nonferrous Metals, NEC
3341	Y	Secondary Smelting and Refining of Nonferrous Metals
3351	HLMOPQY	Rolling, Drawing and Extruding at Copper
3353	HLMOPQY	Aluminum Sheet, Plate and Foil
3354	HLMOPQY	Aluminum Extruded Products
3355	HLMOPQY	Aluminum Rolling and Drawing, NEC
3356	HLMOPQY	Rolling, Drawing and Extruding of Nonferrous Metal, Except Copper and Aluminum
3357	HLMOPQY	Drawing and Insulating of Nonferrous Wire
3361	Y	Aluminum Foundries (Castings)
3362	Y	Brass, Bronze, Copper and Copper Base Alloy Foundries
3369	Y	Nonferrous Foundries (Castings), NEC
3398	HLMOPQY	Metal Heat Treating
3399	HLMOPQY	Primary Metal Products, NEC
3411	HLMOPQY	Metal Cans
3412	HLMOPQY	Metal Shipping Barrels, Drums, Kegs, and Pails (Drum Refinishing)
3421	HLMOPQ	Cutlery

NEC = Not elsewhere classified



SIC Code	Waste Types	Description
3423	HLMOPQY	Hand and Edge Tools, Except Machine Tools and Hand Saws
3425	HLMOPQY	Hand Saws & Saw Blades
3429	HLMOPQY	Hardware, NEC
3431	HLMOPQY	Enameled Iron and Metal Sanitary Ware
3432	HLMOPQY	Plumbing Fixture Fittings and Trim (Brass Goods)
3433	HLMOPQY	Heating Equipment, except Electric and Warm Air Furnaces
3441	HLMOPQY	Fabricated Structural Metal
3442	HLMOPQY	Metal Doors, Sash, Frames, Moldings, and Trims
3443	HLMOPQY	Fabricated Plate Work
3444	HLMOPQY	Sheet Metal Work
3446	HLMOPQY	Architectural and Ornamental Metal Work
3448	HLMOPQY	Prefabricated Metal Buildings and Components
3449	HLMOPQY	Miscellaneous Metal Work
3451	HLMOPQY	Screw Machine Products
3452	HLMOPQY	Bolts, Nuts, Screws, Rivets, and Washers
3462	HLMOPQY	Iron and Steel Forgings
3465	HLMOPQY	Automotive Stampings
3469	HLMOPQY	Metal Stampings, NEC
3471	HLMOPQY	Electroplating, Polishing, Plating, Anodizing, and Coloring
3479	HLMOPQY	Coating, Engraving, and Allied Services, NEC
3482		Small Arms Ammunition
3483		Ammunition, except for Small Arms, NEC
3489		Ordnance and Accessories, NEC
3511	HLMOPQ	Steam, Gas, and Hydraulic Turbines
3519	HLMOPQY	Internal Combustion Engines, NEC
3523	HLMOPQY	Farm Machinery and Equipment
3524	HLMOPQY	Garden Tractors & Lawn & Garden Equipment
3531	HLMOPQY	Construction Machinery and Equipment
3532	HLMOPQY	Mining Machinery and Equipment, except Oil Field
3533	HLMOPQY	Oil Field Machinery and Equipment
3535	HLMOPQ	Conveyors and Conveying Equipment
3537	HLMOPQY	Industrial Trucks, Tractors, Trailers, and Stackers
3541	HLMOPQY	Machine Tools, Metal Cutting
3542	HLMOPQY	Machine Tools, Metal Forming
3544	HLMOPQY	Special Dies and Tools, Die Sets, Jigs and Fixtures, and Industrial Molds
3545	HLMOPQY	Machine Tool Accessories & Measuring Devices
3546	HLMOPQY	Power Driven Hand Tools
3549	HLMOPQY	Metal Working Machinery, NEC
3551	HLMOPQY	Food Products Machinery
3552	HLMOPQY	Textile Machinery
3553	HLMOPQY	Woodworking Machinery
3554	HLMOPQY	Paper Industries Machinery
3555	HLMOPQY	Printing Trades Machinery and Equipment
3559	HLMOPQY	Special Industry Machinery, NEC
3561	HLMOPQY	Pumps and Pumping Equipment
3562	HLMOPQY	Ball and Roller Bearings

NEC = Not elsewhere classified

SIC Code	Waste Types	Description
3563	HLMOPQ	Air and Gas Compressors
3564	HLMOPQ	Blower and Exhaust Ventilation Fans
3567	HLMOPQY	Industrial Process Furnace & Ovens
3568	HLMOPQY	Mechanical Power Transmission Equipment, NEC
3569	HLMOPQY	General Industrial Machinery and Equipment, NEC
3573	HLMOPQ	Electronic Computing Equipment
3574	HLMOPQ	Calculating & Accounting Machines, except Electronic Equipment
3579	HLMOPQ	Office Machines, NEC
3582	HLMOPQY	Commercial Laundry, Dry Cleaning, and Pressing Machines
3585	HLMOPQ	Air Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment
3586	HLMOPQ	Measuring and Dispensing Pumps
3589	HLMOPQ	Service Industry Machines, NEC
3592	HLMOPQY	Carburetors, Pistons, Piston Rings & Valves
3599	HLMOPQY	Machinery, Except Electrical, NEC
3612	HLMOPQY	Power, Distribution and Specialty Transformers
3613	HLMOPQ	Switchgear and Switchboard Apparatus
3621	HLMOPQ	Motors & Generators
3622	HLMOPQ	Industrial Controls
3623	HLMOPQ	Welding Apparatus, Electric
3624	HLMOPQ	Carbon & Graphite Products
3629	HLMOPQ	Electrical Industrial Apparatus, NEC
3632	HLMOPQ	Household Refrigerators and Home and Farm Freezers
3634	HLMOPQ	Electric Housewares and Fans
3636	HLMOPQ	Sewing Machines
3639	HLMOPQ	Household Appliances, NEC
3641	HLMOPQ	Electric Lamps
3643	HLMOPQ	Current-Carrying Wire Devices
3645	HLMOPQ	Residential Electric Lighting Fixtures
3646	HLMOPQ	Commercial, Industrial, and Institutional Lighting Fixtures
3647	HLMOPQ	Vehicular Lighting Equipment
3651	HLMOPQ	Radio & Television Receiving Sets
3652	HLMOPQ	Phonograph Records and Pre-recorded Magnetic Tape
3662	HLMOPQ	Radio and Television Transmitting, Signaling, and Detection Equipment and Apparatus
3674	HLMOPQ	Semiconductors and Related Devices
3675	HLMOPQ	Electronic Capacitors
3677	HLMOPQY	Electronic Coils, Transformers, and Other Inductor
3679	HLMOPQ	Electronic Components, NEC
3691	HPQW	Storage Batteries
3692	HPQ	Primary Batteries, Dry and Wet
3711		Motor Vehicles and Passenger Car Bodies
3714	HLMOPQY	Motor Vehicle Parts and Accessories
3716	HLMOPQ	Motor Homes
3721	HLMOPQ	Aircraft
3724	HLMOPQY	Aircraft Engines and Engine Parts
3728	HLMOPQY	Aircraft Parts and Auxiliary Equipment, NEC

NEC = Not elsewhere classified

SIC Code	Waste Types	Description
3731	HLMOPQY	Ship Building and Repairing
3732	HLMOPQY	Boat Building and Repairing
3811	HLMOPQ	Engineering, Scientific, Laboratory and Research Instruments
3822	HLMOPQ	Automatic Controls for Regulating Residential and Commercial Environments and Appliances
3823	HLMOPQ	Industrial Instruments for Measuring, Display, and Control of Process Variables, and Related Products
3824	HLMOPQ	Totalizing Fluid Meters and Counting Devices
3825	HLMOPQ	Instruments for Measuring and Testing of Electricity and Electric Signals
3829	HLMOPQ	Measuring and Controlling Devices, NEC
3832	HLMOPQ	Optical Instruments and Lenses
3841	HLMOPQ	Surgical and Medical Instruments and Apparatus
3842	HLMOPQ	Orthopedic, Prosthetic, and Surgical Appliances and Supplies
3843	HLMOPQ	Dental Equipment and Supplies
3851	HLMOPQ	Ophthalmic Goods
3861	HLMOPQ	Photographic Equipment and Supplies
3873	HLMOPQ	Watches, Clocks, etc.
3911	HLMOPQT	Jewelry, Precious Metal
3914	HLMOPQT	Silverware, Plated Ware, and Stainless Steel Ware
3915	HJLMOPQ	Jeweler's Findings & Materials & Lapidary Work
3961	HJKLMOPQ	Costume Jewelry and Costume Novelties, except Precious Metal
3964	HJKLMOPQ	Needles, Pins, Hooks and Eyes, and Similar Notions
3993	HIJKLMOPQ	Signs and Advertising Displays
3995	HJKLMOPQ	Burial Caskets
3999	HJKLMOPQTY	Manufacturing Industries
<u>4011-4959: TRANSPORTATION AND PUBLIC UTILITIES</u>		
4011	JKLTY	Railroads, Line-Haul Operating
4111	LPWY	Local and Suburban Transit
4013	JKLTY	Switching & Terminal Establishments
4119	LPWY	Local Passenger Transportation, NEC
4121	LPWY	Taxicabs
4131	LPWY	Intercity and Rural Highway Passenger Transportation
4151	LPWY	School Buses
4172	Y	Maintenance & Service Facilities for Motor Vehicle Passenger Transportation
4212	JKLPWY	Local Trucking without Storage
4213	JKLPWY	Trucking, Except Local
4214	JKLPWY	Local Trucking with Storage
4231	JKPTY	Trucking Terminal Facilities
4311	JKLPWY	U.S. Postal Service (Vehicle Maintenance Only)
4411	Y	Deep Sea Foreign Transportation
4463		Marine Cargo Handling
4469	JKLTYW	Water Transportation Services, NEC

NEC = Not elsewhere classified

SIC Code	Waste Types	Description
4511	Y	Air Transportation, Certificated Carriers
4582	Y	Airports and Flying Fields
4583	LT	Airport Terminal Services
4612	JKLPTY	Crude Petroleum Pipe Lines
4613	JKLPTY	Refined Petroleum Pipe Lines
4619	JKLPT	Pipe Lines, .NEC
4811	LT	Telephone Communication (Wire or Radio)
4832	LT	Radio Broadcasting
4833	LT	Television Broadcasting
4911	Y	Electric Services
4931	Y	Electrical & Other Services
4932	Y	Gas & Other Services
4939	Y	Combination Utilities, NEC
4952	Y	Sewerage Systems
4953	Y	Refuse Systems
4959	ABCY	Sanitary Services, NEC

5093-5198: WHOLESALE TRADE

5093	Y	Scrap & Waste Materials, Wholesale
5161	LPTY	Chemicals and Allied Products Wholesale
5191	A	Farm Supplies
5198	JKLT	Paints, Varnishes, and Supplies

5231-5984: RETAIL TRADE

5231	JKLT	Paint, Glass, and Wallpaper Stores
5251	AJKT	Hardware Stores
5271	JKLP	Mobile Home Dealers
5311	AIJKT	Department Stores
5399	AIJKT	Miscellaneous General Merchandise Stores
5511	LPWY	Motor Vehicle Dealers (New & Used)
5521	LPWY	Motor Vehicle Dealers (Used Only)
5531	LPW	Auto & Home Supply Stores
5541	LPWY	Gasoline Service Stations, Retail
5551	LPWY	Boat Dealers
5571	LPWY	Motorcycle Dealers
5599	LPWY	Automotive Dealers, NEC
5722		Household Appliance Stores, Retail
5962	LT	Automatic Merchandising Machine Operators
5982	Y	Fuel & Ice Dealers
5983	Y	Fuel Oil Dealers
5984	Y	Liquefied Petroleum Gas Dealers

7215-8081: SERVICES INDUSTRIES

7215	LM	Coin Operated Laundries and Dry Cleaning
7216	LM	Dry Cleaning Plants, Except Rug Cleaning
7217	LM	Carpet and Upholstery
7218	LM	Industrial Launderers
7261	LT	Funeral Services and Crematories
7312	IJKLT	Outdoor Advertising Services

NEC = Not elsewhere classified

SIC Code	Waste Types	Description
7319	IJK	Advertising, NEC
7331	IJK	Direct Mail Advertising Services
7332	LOT	Blueprint and Photocopying Services
7333	LOT	Commercial Photography Art, and Graphics
7342	ACH	Disinfecting and Extermination Services
7349	PRT	Cleaning and Maintenance Services to Dwellings and Other Buildings, NEC
7391	LPT	Research and Development Laboratories
7395	OPQRST	Photofinishing Laboratories
7397	LPT	Commercial Testing Laboratories
7399		Fire Extinguisher Charging Services
7512	LPWY	Passenger Car Rental and Leasing, without Drivers
7513	LPWY	Truck Rental and Leasing, without drivers
7519	LPW	Utility Trailer and Recreational Vehicle Rental
7531	LPW	Top and Body Repair Shops, Automotive
7534	LPW	Tire Retreading and Repair Shops, Automotive
7535	LPW	Paint Shops, Automotive
7538	LPWY	General Automotive Repair Shops
7539	LPWY	Automotive Repair Shops, NEC
7622	LPT	Radio & Television Repair Shops
7623	LPT	Refrigeration & Air Conditioning Service & Repair Shops
7629	LPT	Electrical & Electronic Repair Shops, NEC
7631	LT	Watch, Clock, and Jewelry Repair
7641	JKLT	Reupholstery and Furniture Repair
7692	LPW	Welding Repair
7694	LT	Armature Rewinding Shops
7699	LT	Repair Shops and Related Services, NEC (including Taxidermists)
7819	LOT	Services Allied to Motion Picture Production
7922	JKLT	Theatrical Producers (except Motion Pictures) and Miscellaneous Theatrical Services
7992	ABC	Public Golf Courses
7993	LPT	Coin-Operated Amusement Devices
7996	JKLPT	Amusement Parks
7999	AJK	Amusement and Recreation Services, NEC
8062	LPT	General Medical and Surgical Hospitals
8069	LPT	Specialty Hospitals, except Psychiatric
8071	LPT	Medical Laboratories
8072	LPT	Dental Laboratories
8081	LPT	Outpatient Care Facilities
<u>8211-8331: EDUCATIONAL SERVICES</u>		
8211	JKLPT	Elementary and Secondary Schools
8221	JKLPT	Colleges, Universities, Professional Schools, and Junior Colleges
8249	JKLPTY	Vocational Schools, except Vocational High Schools, NEC
8299	JKLPT	Schools and Educational Services, NEC
8331	JKLT	Job Training and Vocational Rehabilitation Services

NEC = Not elsewhere classified

SIC Code	Waste Types	Description
		<u>8411-8999: MISCELLANEOUS</u>
8411	JKLPT	Museums and Art Galleries
8421	ABC	Arboreta, Botanical and Zoological Gardens
8922	LPT	Noncommercial Educational, Scientific, and Research Organizations
8999	JK	Services, NEC

NEC = Not elsewhere classified

