THE TOWN OF
Windermere

PUBLIC WORKSHOP

Agenda ***Agenda***

August 18, 2025
6:00 PM

VIRTUAL: PRE CONSTRUCTION MEETING FOR IMPACTED RESIDENTS AT BESSIE, 3RD & MAGNOLIA, AND BUTLER STORMWATER IMPROVEMENT PROJECTS

JOIN ZOOM MEETING: HTTPS://US06WEB.ZOOM.US/J/87230344483?PWD=NAPOFPR9RZSZXHHWPS4JDHU9ZUKRP9.1

MEETING ID: 872 3034 4483 / PASSCODE: 237503

ONE TAP MOBILE: +1(305)224-1968,,87230344483# US

PLEASE TURN OFF ALL CELL PHONES AND PAGERS

PLEASE NOTE: IN ACCORDANCE WITH F.S. 286.26: Person with disabilities needing assistance to participate in any such proceedings should contact the Office of the Clerk at least 48 hours beforehand at (407) 876-2563.

Pursuant to Resolution No. 2005-12 adopted on December 13, 2005, the following Civility Code shall govern all procedings before the Town of Windermere Public Workshop:

1. All electronic devices, including cell phones and pagers. shall be either turned off or otherwise silenced.
2. Prolonged conversation shall be conducted outside Council meeting hall.
3. Whistling, heckling, gesturing, loud conversations, or other disruptive behavior is prohibited.
4. Only those individuals who have signed the speaker list and/or/who have been recognized by the Mayor (or Chair) may address comments to the Council.
5. Comments at public hearings shall be limited to the subject being considered by the Council
6. Comments at Open Forums shall be directed to Town issues.
7. All public comments shall avoid personal attacks and abusive language
8. No person attending a Public Workshop meeting is to harass, annoy, or otherwise disturb any other person in the room.

Any member of the public whose behavior is disruptive and violates the Town of Windermere Civility Code is subject to removal from the Public Workshop meeting by an officer and such other actions as may be appropriate. PLEASE NOTE: IN ACCORDANCE WITH F.S. 286.0105: Any person who desires to appeal any decision at this meeting will need a record of this proceeding. For this, such person may need to ensure that a verbatim record of such proceeding is made which includes the

AGENDA

1. CALL TO ORDER

2. DISCUSSION ITEM(S)

a. Pre-Construction Butler Street and Seventh Avenue Presentation (Attachments)

b. Pre-Construction Bessie Street Drainage Improvements Presentation (Attachments)

3. ADJOURN

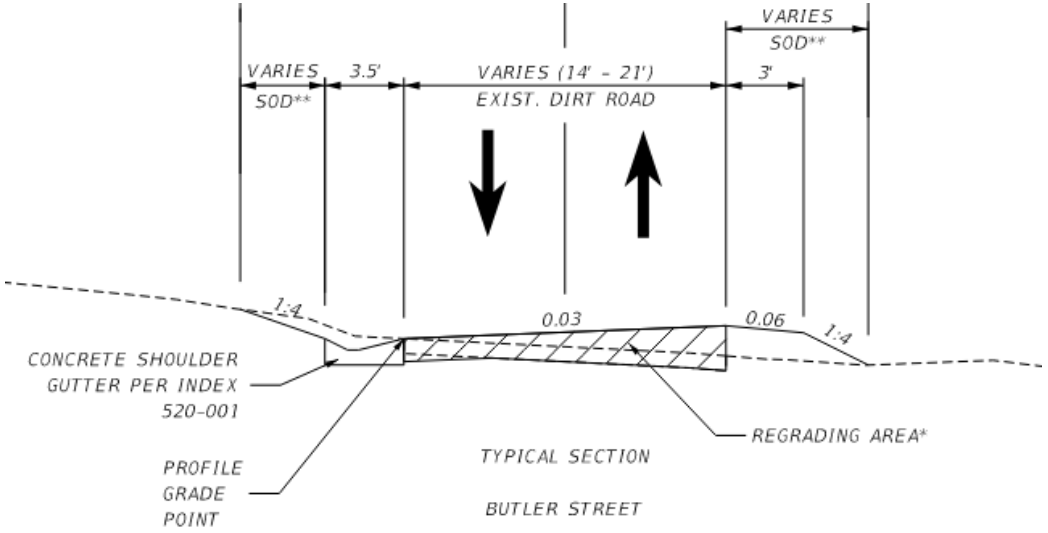
THE TOWN OF Windermere

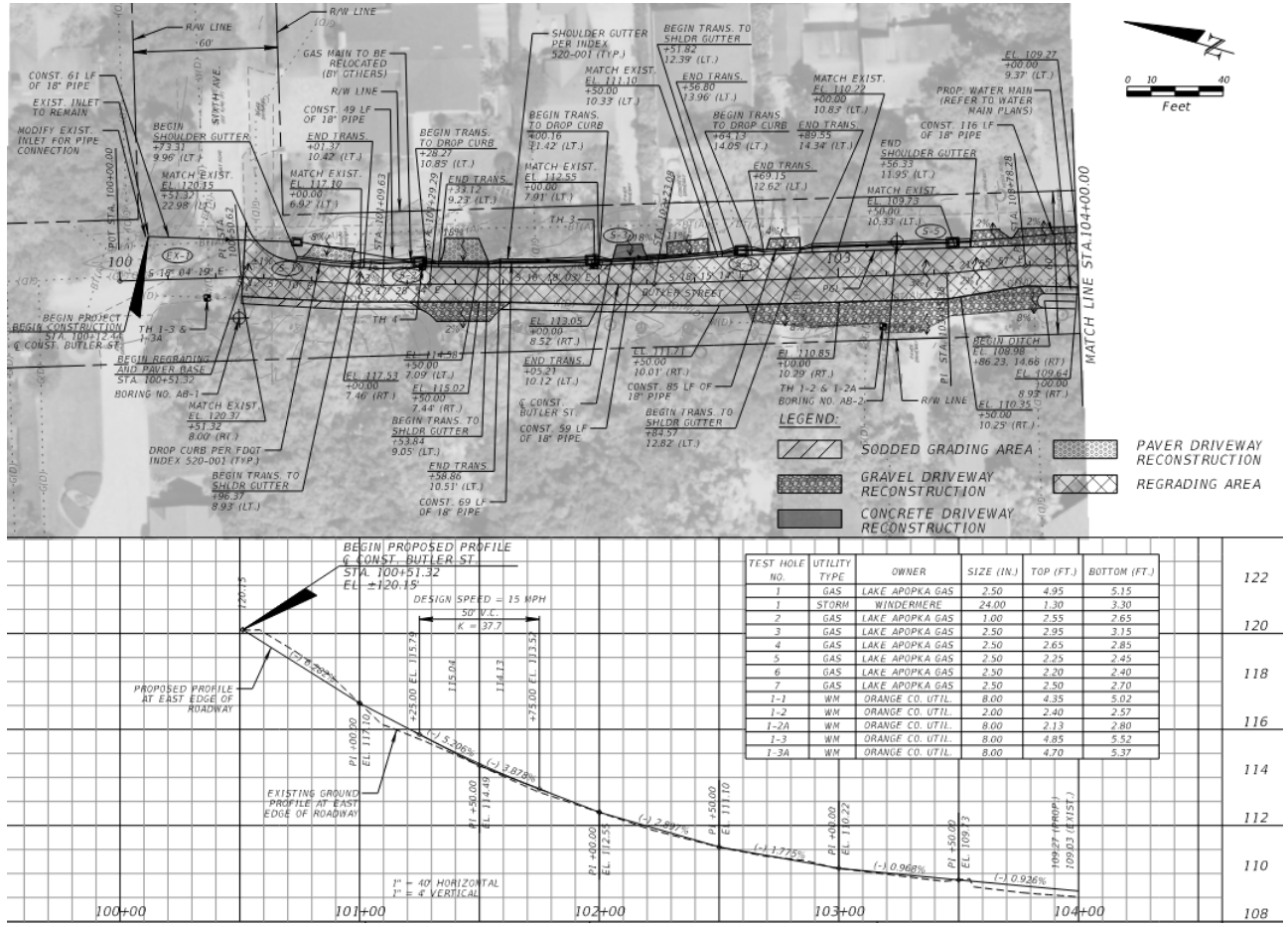
Butler Street & Seventh Avenue Drainage Improvements

August 18th & August 25th, 2025

Segment 1 – Butler St from Sixth Ave to Fernwood Park

- What's being constructed:
  - Dirt road regrading within the existing roadway footprint to achieve a consistent 2%-3% cross slope along Butler Street to flow to the East
  - Concrete shoulder gutter along the East side of Butler Street to facilitate water to the South
  - Drainage inlets and pipes to collect water within the shoulder gutter
  - Sodded grading adjacent to the road on the West side
  - Swales on the south end of Butler Street, adjacent to Fernwood Park, to collect additional water before piping to the Fernwood Park Rain Garden.





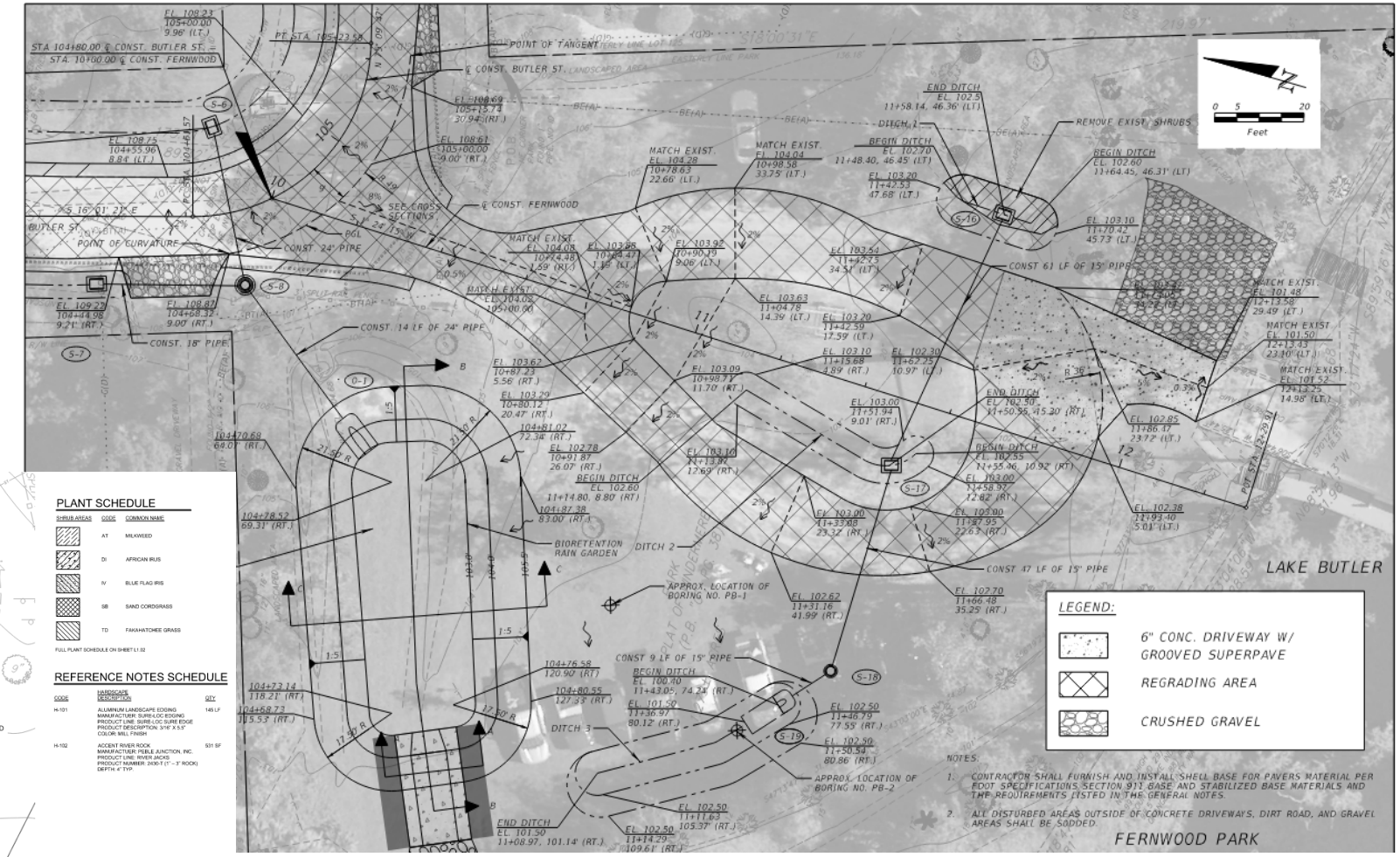
TEST HOLE NO.	UTILITY TYPE	OWNER	SIZE (IN.)	TOP (FT.)	BOTTOM (FT.)
1	GAS	LAKE APOPKA GAS	2.50	4.95	5.15
1	STORM	WINDERMERE	24.00	1.30	3.30
2	GAS	LAKE APOPKA GAS	1.00	2.55	2.65
3	GAS	LAKE APOPKA GAS	2.50	2.95	3.15
4	GAS	LAKE APOPKA GAS	2.50	2.65	2.85
5	GAS	LAKE APOPKA GAS	2.50	2.25	2.45
6	GAS	LAKE APOPKA GAS	2.50	2.20	2.40
7	GAS	LAKE APOPKA GAS	2.50	2.50	2.70
1-1	WM	ORANGE CO. UTIL.	8.00	4.35	5.02
1-2	WM	ORANGE CO. UTIL.	2.00	2.40	2.57
1-2A	WM	ORANGE CO. UTIL.	8.00	2.13	2.80
1-3	WM	ORANGE CO. UTIL.	8.00	4.85	5.52
1-3A	WM	ORANGE CO. UTIL.	8.00	4.70	5.37

Segment 1 – Butler St from Sixth Ave to Fernwood Park

- Impacts:
  - Driveway harmonizations to meet the new elevations of the road
  - Like for like material replacements for driveways
  - Minor landscaping impacts
- Tree Impacts:
  - None
- Construction Methodology:
  - Roadway shall be closed to local traffic only
  - Piping and drainage structures shall be installed according to plan
  - Existing roadway shall be excavated and replaced with new roadway surface material
  - Concrete curbing shall be formed and poured
  - Shoulders will be grade and sodded
  - Reopen segment to standard traffic pattern
- Duration of Segment:
  - Anticipated Work Time : 2 Months

Segment 2 – Fernwood Park

- What's being constructed:
  - Dirt road regrading around the Fernwood Park turnaround
  - Excavation for a drainage pond and rain garden for the collection and treatment of water flowing down Butler Street and Seventh Avenue
  - Concrete reconstruction at the boat ramp to maintain slopes flowing toward the pond
  - Crushed gravel



Segment 2 – Fernwood Park

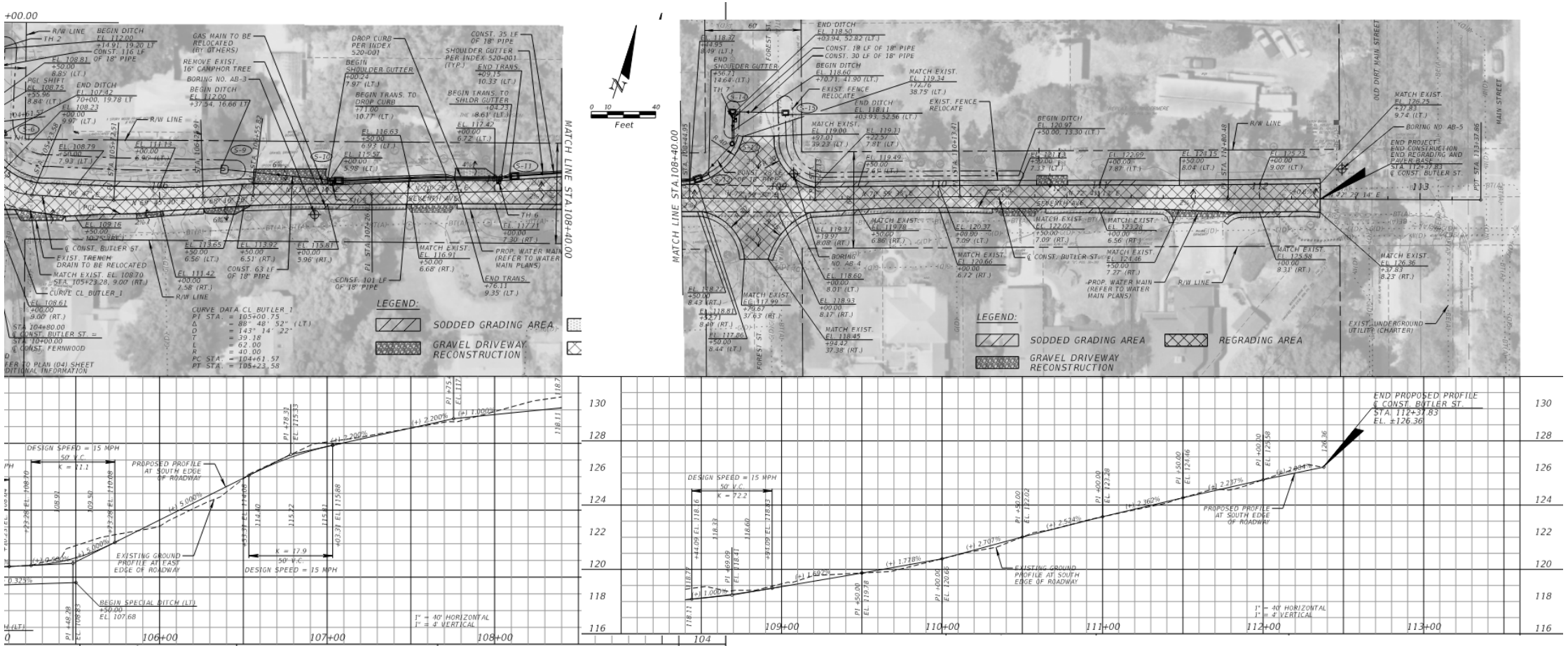
- Impacts:
  - Removal of the existing drainage pipes and inlet system
- Tree Impacts: None
- Construction Methodology:
  - Fernwood Park shall be closed during construction
  - Remove and Dispose existing drainage system
  - Construct Rain Garden with Plantings
  - Install Drainage Structures and Piping
  - Extend Boat Ramp
  - Place finish surface material on roadway
  - Reopen Fernwood Park to Public

- Duration of Segment:
  - 4 weeks Construction Period with Fernwood Park

Segment 3 – Seventh Ave from Fernwood Park to Old Main Street

What's being constructed:

- Dirt road regrading within the existing roadway footprint to achieve a consistent 2% cross slope along Seventh Ave to flow to the North
- Short section of concrete shoulder gutter along the North side of Seventh Ave to facilitate water to the swale around the curve adjacent to Fernwood Park
- Drainage inlets and pipes to collect water within the shoulder gutter
- Sodded grading adjacent to the road
- Swale on the North side of Seventh Ave East of Forest Street, to collect additional water before piping to the Fernwood Park Rain Garden.



Segment 3 – Seventh Ave from Fernwood Park to Old Main Street

- Impacts:
  - Removal of the existing drainage pipe and inlet system
  - Driveway harmonizations to meet the new elevations of the road
  - Like for like material replacements for driveways
- Tree Impacts:
  - Existing 16” Camphor tree to be removed on the South side of Seventh Ave between Fernwood Park and Forest St
- Construction Methodology:
  - Roadway shall be closed to local traffic only
  - Remove Existing Trees, Structures and Piping
  - Piping and drainage structures shall be installed according to plan
  - Existing roadway shall be excavated and replaced with new roadway surface material
  - Concrete curbing shall be formed and poured
  - Shoulders will be grade and sodded
  - Reopen segment to standard traffic pattern
- Duration of Segment:
  - Anticipated Work Time : 2 Months

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Questions

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Bessie Street Drainage Improvements

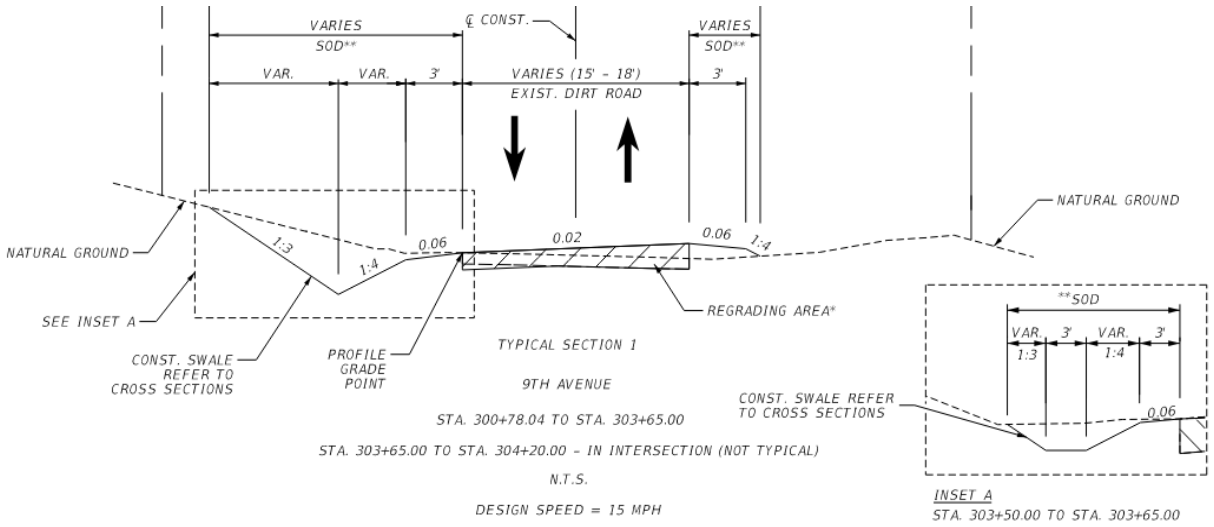
August 18th & August 25th, 2025

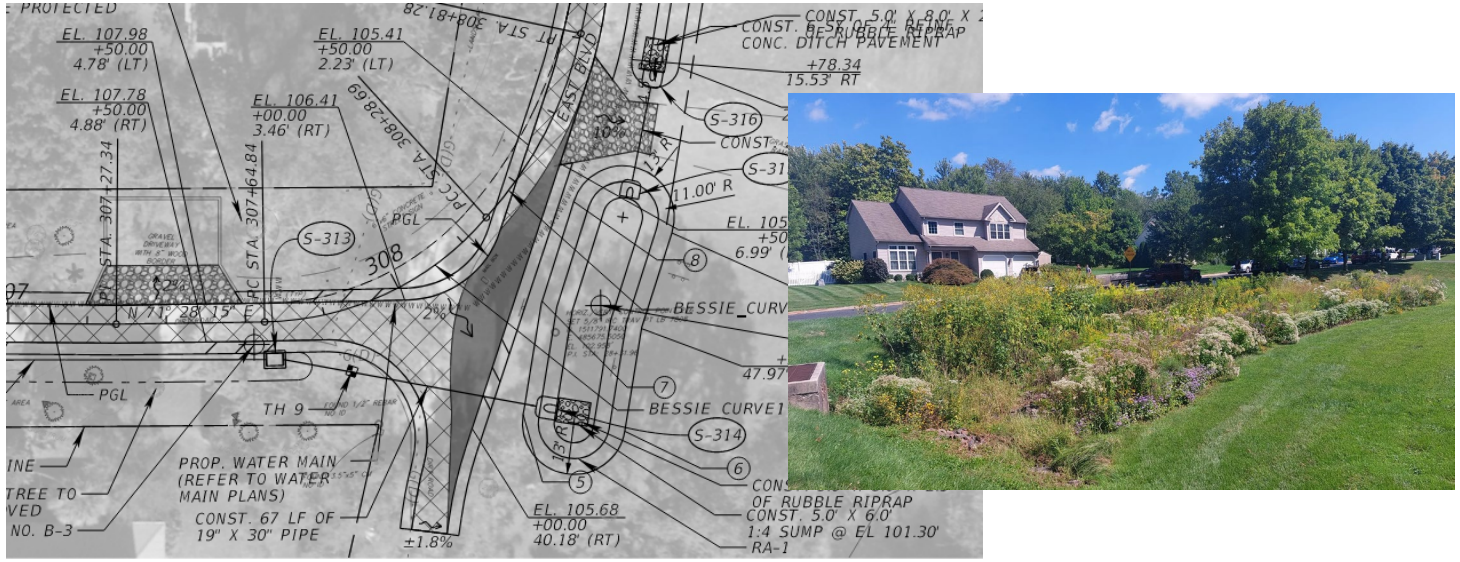
Segments

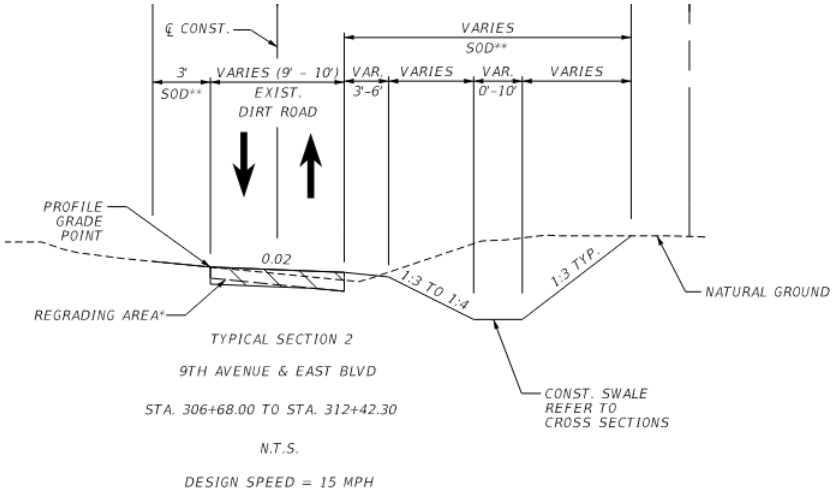
- Segment 1: 9th Ave from Main Street to East Blvd
- Segment 2: Oakdale St North and South of 9th Ave
- Segment 3: East Blvd from 9th Ave to 8th Ave
- Segment 4: 8th Ave and Magnolia St
- Segment 5: 8th Ave & Bessie Street from East Blvd to 7th Ave
- Segment 6: 3rd Ave from Oakdale St to Lake St Park

Segment 1 – 9th Ave from Main Street to East Blvd

- What's being constructed:
  - Dirt road regrading within the existing roadway footprint to achieve a consistent 2% cross slope along 9th Ave to flow to the North between Main St and Oakdale St
  - Dirt road regrading at 2% cross slope to the South between Oakdale St and East Blvd
  - V-swales on either side of the road to collect water
  - Drainage inlets and pipes to facilitate water within the v-swales to a pond/ landscaped rain garden at the end of 9th Ave
  - 3-foot sodded grading areas on both sides of 9th Ave
  - New shell base for pavers material for the realignment of the T-intersection between 9th Ave and East Blvd

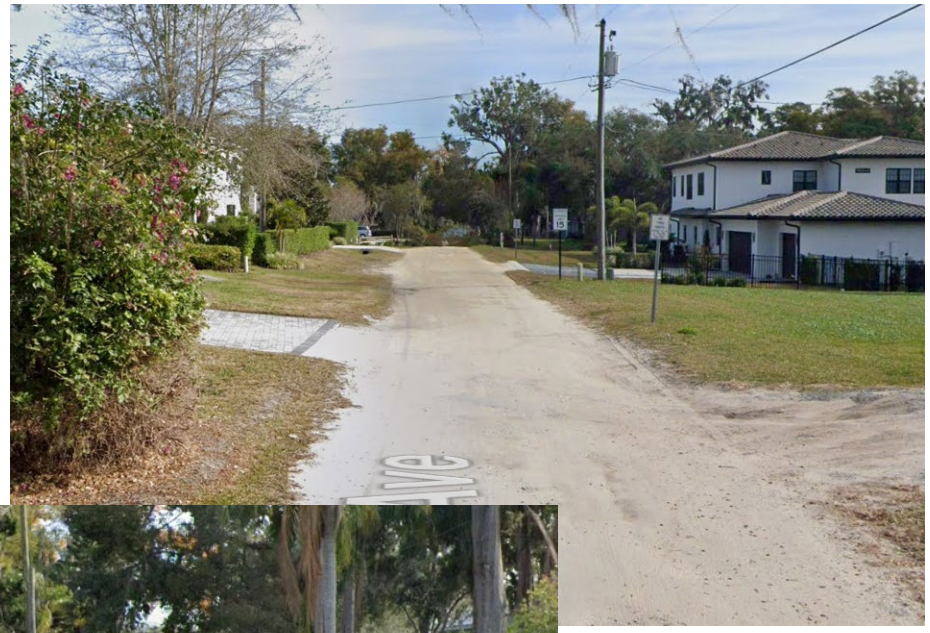






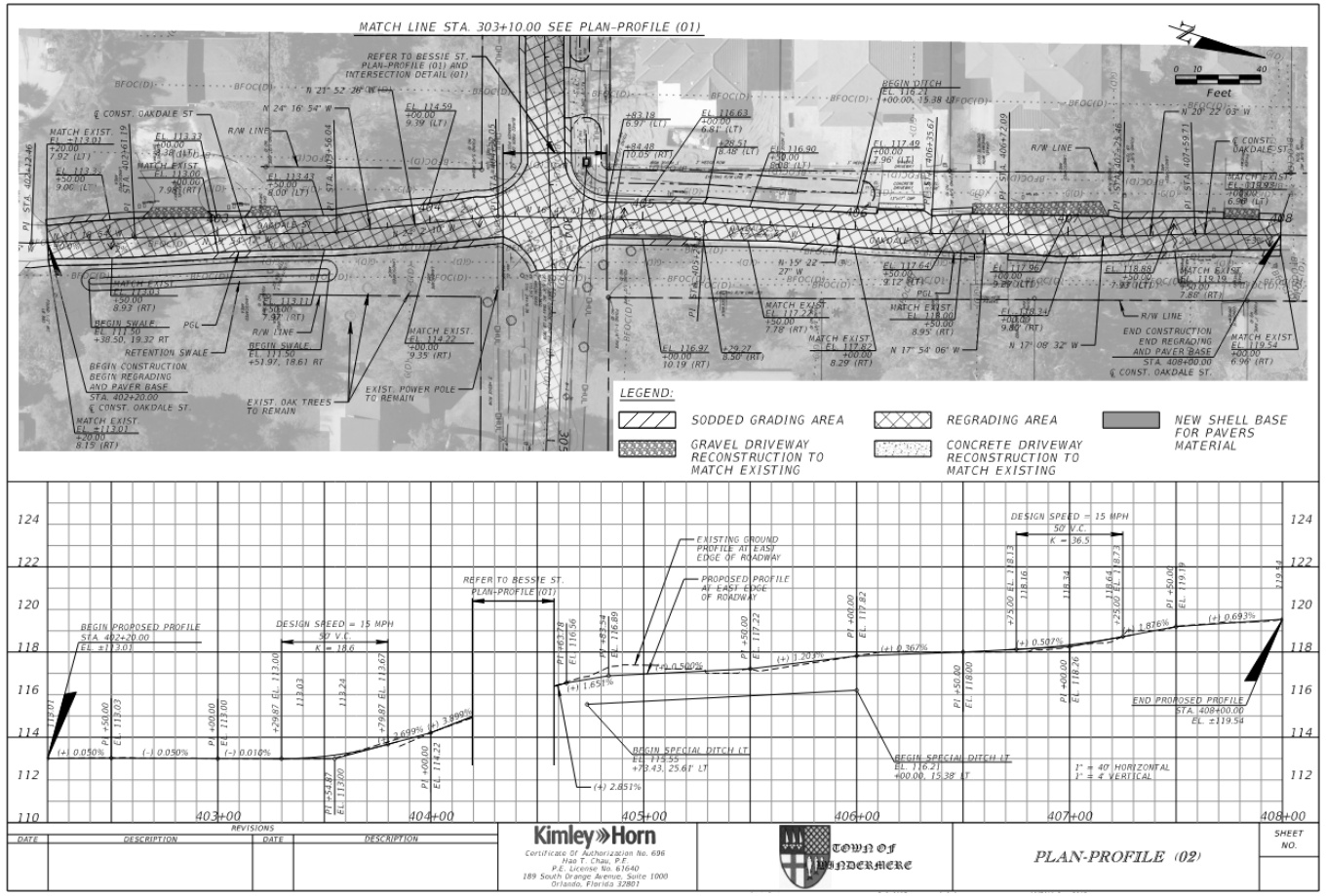
Segment 1 – 9th Ave from Oakdale Street to East Blvd

- Impacts:
  - Driveway harmonizations to meet the new elevations of the road
  - Like for like material replacements for driveways
- Tree Impacts:
  - Existing trees at the northeast corner of 9th Ave and Oakdale St to be replaced with Live Oaks
- Construction Methodology:
  - Roadway shall be closed to local traffic only
  - Piping and drainage structures shall be installed according to plan
  - Existing roadway shall be excavated and replaced with new roadway surface material
  - Shoulders will be grade and sodded
  - Reopen segment to standard traffic pattern
- Duration of Segment:
  - Work duration is approximately 3 weeks



Segment 2 – Oakdale St North and South of 9th Ave

- What's being constructed:
  - Dirt road regrading to slope towards v-swales adjacent to Oakdale St
  - Approx. 200 ft to the South of 9th Ave and 300 ft to the North of 9th Ave
  - 3-foot sodded grading areas on both sides of Oakdale St
  - Linear swale adjacent to Oakdale St on the Southeast side

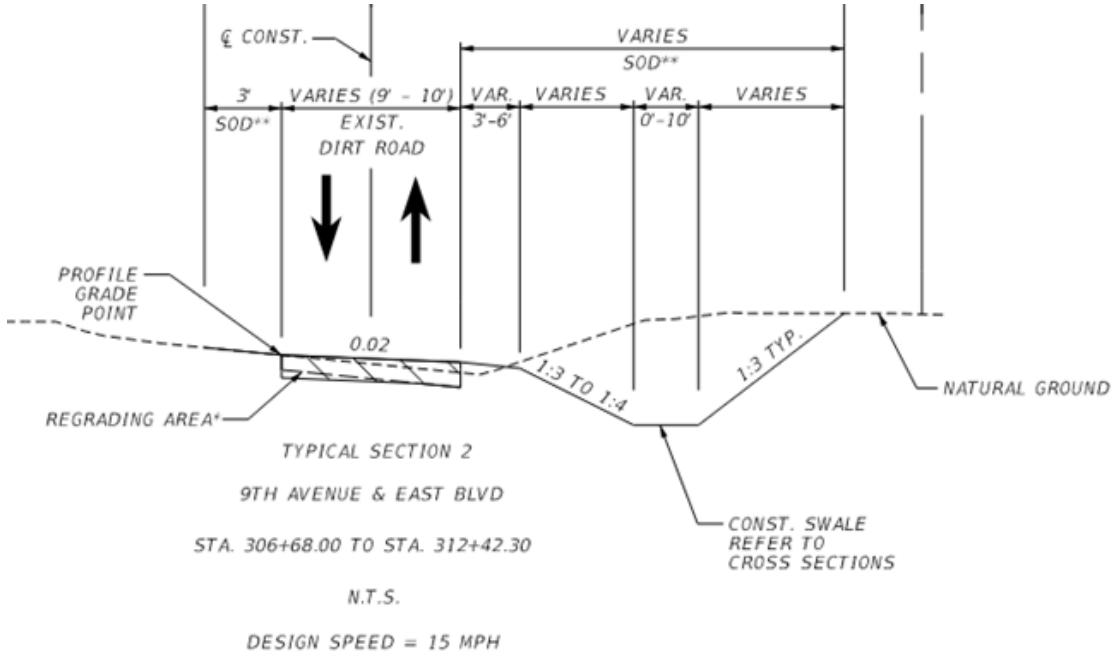


Segment 2 – Oakdale St North and South of 9th Ave

- Impacts:
  - Driveway harmonizations to meet the new elevations of the road
  - Like for like material replacements for driveways
  - No impact to the recently installed concrete diverter at 9th and Oakdale
- Tree Impacts:
  - None
- Construction Methodology:
  - Roadway shall be closed to local traffic only
  - Existing roadway shall be excavated and replaced with new roadway surface material
  - Grade Swales and Sod
  - Shoulders will be grade and sodded
  - Reopen segment to standard traffic pattern
- Duration of Segment:
  - Work Duration : 3 Weeks

Segment 3 – East Blvd from 9th Ave to 8th Ave

- What's being constructed:
  - Dirt road regrading to achieve a consistent 2% cross slope along East Blvd to flow to the East
  - V-swales on the East side of the road to collect run-off from East Blvd
  - Drainage inlets and pipes to facilitate water to the rain garden
  - 3-foot to 6-foot sodded grading areas adjacent to East Blvd
  - New weir and concrete ditch pavement between the roadway swale and Lake Bessie

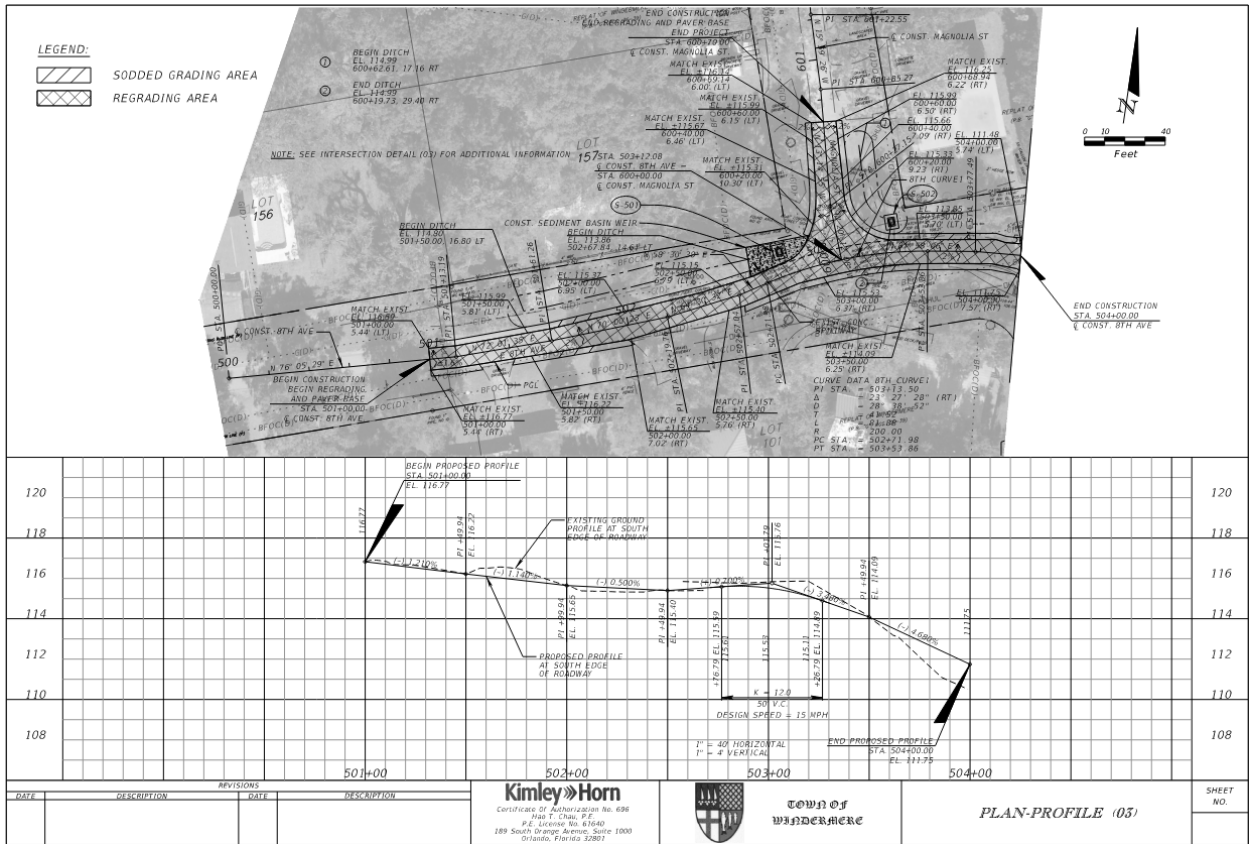


Segment 3 – East Blvd from 9th Ave to 8th Ave

- Impacts:
  - No impacts to the existing driveways on the West side of East Blvd
- Tree Impacts:
  - Pine trees on the East side of East Blvd to be removed and replanted at different locations for the excavation of the proposed swales
- Construction Methodology:
  - Roadway shall be closed to local traffic only
  - Trees shall be demo and disposed
  - Existing roadway shall be excavated and replaced with new roadway surface material
  - Grade Swales and Sod
  - Frame and Pour Concrete Weir
  - Shoulders will be graded and sodded
  - Reopen segment to standard traffic pattern
- Duration of Segment:
  - Work Duration : 4 Weeks

Segment 4 – 8th Ave and Magnolia St

- What's being constructed:
  - Dirt road regrading to achieve a consistent 2% cross slope along 8th Ave to flow to the North
  - Regrading of the swales on the North side of 8th Ave and the Northeast corner of the 8th Ave and Magnolia St intersection
  - New drainage inlets at the existing inlet locations at the intersection
  - 3-foot sodded grading areas adjacent to 8th Ave and Magnolia St

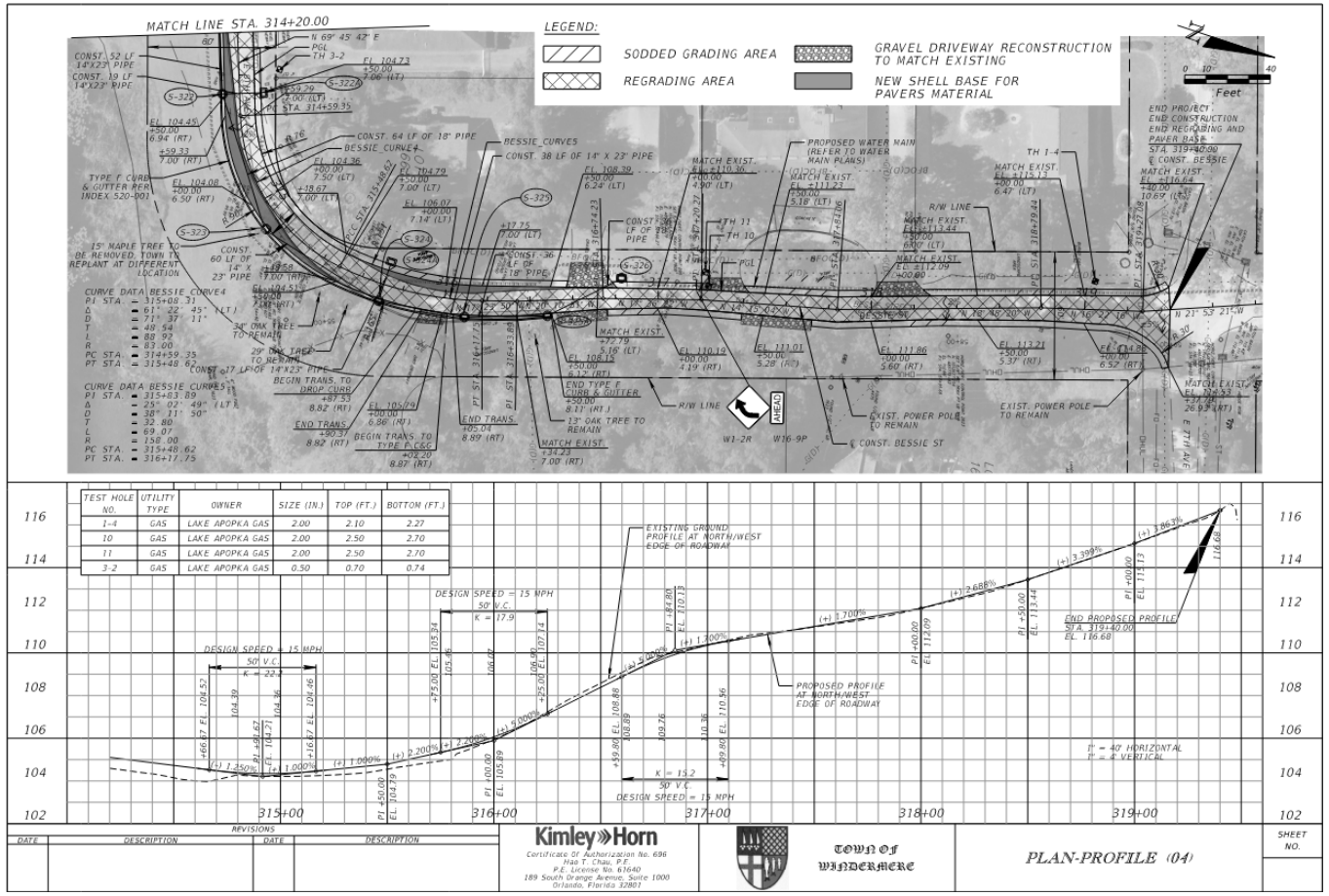


Segment 4 – 8th Ave and Magnolia St

- Impacts:
  - No impacts to the existing driveways on 8th Ave or Magnolia St
  - No impact to the existing concrete spillway at the Northwest corner of the intersection
- Tree Impacts:
  - N/A
- Construction Methodology:
  - Roadway shall be closed to local traffic only
  - Demo Existing Drainage piping and structures
  - Install new drainage structures and piping
  - Existing roadway shall be excavated and replaced with new roadway surface material
  - Grade Swales and Sod
  - Shoulders will be grade and sodded
  - Reopen segment to standard traffic pattern
- Duration of Segment:
  - Work Duration : 6 Weeks

Segment 5 – 8th Ave & Bessie Street from East Blvd to 7th Ave

- What's being constructed:
  - Dirt road regrading within the existing roadway footprint to achieve a consistent 2% cross slope along 8th Ave and Bessie St to flow towards Lake Bessie
  - New curb and gutter along the South side of 8th Ave and around the curve with Bessie St
  - Drainage curb inlets and pipes to facilitate water to a pond/ landscaped rain garden southeast of the East Blvd and 8th Ave curve
  - 3-foot sodded grading areas adjacent to the dirt road
  - New shell base for pavers material for the realignment of the curve from 8th Ave to Bessie St



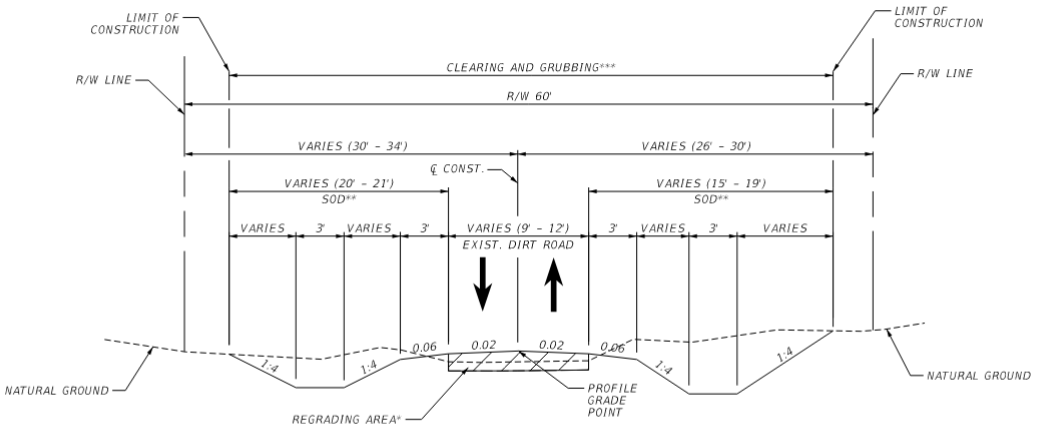
TEST HOLE NO.	UTILITY TYPE	OWNER	SIZE (IN.)	TOP (FT.)	BOTTOM (FT.)
1-4	GAS	LAKE APOPKA GAS	2.00	2.10	2.27
10	GAS	LAKE APOPKA GAS	2.00	2.50	2.70
11	GAS	LAKE APOPKA GAS	2.00	2.50	2.70
3-2	GAS	LAKE APOPKA GAS	0.50	0.70	0.74

Segment 5 – 8th Ave & Bessie Street from East Blvd to 7th Ave

- Impacts:
  - Driveway harmonizations to meet the new elevations of the road
  - Like for like material replacements for driveways
- Tree Impacts:
  - Minor tree removal and Town replacement at different locations
- Construction Methodology:
  - Roadway shall be closed to local traffic only
  - Demo Existing Drainage piping and structures
  - Install new drainage structures and piping
  - Existing roadway shall be excavated and replaced with new roadway surface material
  - Grade Swales and Sod
  - Shoulders will be grade and sodded
  - Reopen segment to standard traffic pattern
- Duration of Segment:
  - Work Duration : 8 Weeks

Segment 6 – 3rd Ave from Oakdale St to Lake St Park

- What's being constructed:
  - Dirt road regrading within the existing roadway footprint to achieve a 2% crowned section prior to Magnolia St along 3rd Ave and 2% to the south from Magnolia St to Lake St Park
  - 3-foot sodded grading areas adjacent to the dirt road
  - Linear V-swales adjacent to the dirt road
  - Drainage inlets and pipes to facilitate water from the swales to a small retention area at the end of 3rd Ave



TYPICAL SECTION 5
3RD AVENUE
STA. 704+00.00 TO STA. 707+40.00
STA. 703+40.00 TO STA. 704+00.00 - IN INTERSECTION (NOT TYPICAL)
STA. 707+40.00 TO STA. 707+80.00 - IN INTERSECTION (NOT TYPICAL)
N.T.S.
DESIGN SPEED = 15 MPH

Segment 6 – 3rd Ave from Oakdale St to Lake St Park

- Impacts:
  - Driveway harmonizations to meet the new elevations of the road
  - Like for like material replacements for driveways
- Tree Impacts:
  - Minor tree removal and Town replacement at different locations
- Construction Methodology:
  - Roadway shall be closed to local traffic only
  - Demo Existing Drainage piping and structures
  - Install new drainage structures and piping
  - Existing roadway shall be excavated and replaced with new roadway surface material
  - Grade Swales and Sod
  - Shoulders will be grade and sodded
  - Reopen segment to standard traffic pattern
- Duration of Segment:
  - Work Duration : 6 Weeks