

# ROADWAY LANDSCAPE ADVISORY COMMITTEE

Appointed by Lee County Board of County Commissioners

LEE COUNTY ROADWAY LANDSCAPE  
ADVISORY COMMITTEE MEETING OF  
April 5, 2016  
FIRST FLOOR CONFERENCE ROOM  
COMMUNITY DEVELOPMENT/PUBLIC WORKS CENTER  
1500 MONROE STREET, FORT MYERS, FLORIDA  
6:00 – 7:30 P.M.

## AGENDA PACKAGE ACCESS

<http://www.leegov.com/gov/dept/dot/rlac/Pages/default.aspx>

1. Call to Order 6:00 P.M. (Winston Church)
2. Approval of the February 2, 2016 Regular Meeting Minutes. (Winston Church, 5 min.)
3. New Business:
  - a. 60% plans. Summerlin Rd. from Boy Scout Dr. to Colonial Blvd. (Ensite, Jonathon Romine, 20 min.)
  - b. 16/17 Prioritization List discussion. (Bob D., 10 min.)
  - c. Delprado Blvd. from Hancock Bridge Pkwy. To Pine Island Rd. discussion. (Bob D., 5 min.)
4. Old Business:
  - a. Project Status Update:  
Projects in CIP maintenance:
    - Gladiolus Dr. / Bass Rd. from Winkler Rd. to San Carlos Blvd. / Health Park to Gladiolus Dr. final 5/7/2018.
    - Colonial Blvd. from the Six Mile Slough to S.R. 82 will finalize 11/20/2018
    - Three Oaks Pkwy. / Imperial Pkwy. from Bonita Bill St. to E. Terry St. final 1/19/2019
    - Ben C. Pratt/Six Mile Cypress Pkwy. from Daniels Pkwy. to Colonial Blvd. final 5/2015
    - Summerlin Rd. from Boy Scout Dr. to Cypress Lake Dr. final 11/11/19
5. Other Business: (10 min. per topic)
6. Adjourn by 7pm

NOTE: The Roadway Landscape Advisory Committee (RLAC) consists of members appointed by the Lee County Board of County Commissioners to advise on matters related to roadway landscaping activities in Lee County. The committee meets regularly and meetings are open to the public. For more information, please contact Bob DeBrock at (239) 533-9425.

C/O Lee County Department of Transportation, 5560 Zip Drive, Ft. Myers, FL 33905 (239) 533-9400

**ROADWAY LANDSCAPE ADVISORY COMMITTEE (RLAC)**

**DATE:** February 2, 2015  
**TIME:** 6:00 P.M.  
**PLACE:** 2115 Second Street, Fort Myers, Florida

**MEMBERS PRESENT:**  
John Sibley, District 2  
Al O'Donnell, District 3  
Greg Diserio, District 4  
Barbara Niland, District 5  
Stephen Brown, Horticultural Extension Agent  
Debbie Hughes, Fort Myers/Lee County  
Garden Council  
Winston Church, Keep Lee County Beautiful  
Clark Ryals, Urban Forester  
Phil Buck, FNGLA

**OTHERS PRESENT:**  
JB Schuetz, City of Ft. Myers  
Scott Smith, Johnson Engineering  
Frances Turner, Johnson Engineering

**MEMBERS ABSENT:**  
Ronnie Simpson, Arborist-International Society of  
Arboriculture  
Gail Archer-Dearie, District 1

**MEMBERS EXCUSED ABSENT:**  
Jennifer Evans, Florida Native Plant Society  
James McCord, American Society of Landscape  
Architects

**STAFF PRESENT:**  
Doraine Wetzel, LCDOT  
Robert DeBrock, LCDOT  
Beth Workman, LC Community Development  
Sarah Clarke, LCDOT

**Quorum was confirmed with 9 members present.**

Winston Church called the regular monthly meeting of the Roadway Landscape Advisory Committee (RLAC) to order at 6:00 pm.

**Approval of the September 1, 2015 Regular Meeting Minutes:**

Winston Church asked for a motion to approve the September 1, 2015 RLAC meeting minutes, a motion was made by John Sibley to approve the minutes, seconded by Clark Ryals; the motion was called and carried.

**NEW BUSINESS**

**30% and 60% Roundabout Plans.**

Scott Smith from Johnson Engineering presented the 30% and 60% conceptual landscape design plans for the Roundabout Landscape Designs for Beth Stacey and Business Way, Crystal Drive and Plantation Rd. and Sunshine Blvd. and 23<sup>rd</sup> St. SW.



Scott explained the 30% plans act as a template for two options on roundabouts, one being irrigated and one non-irrigated. The option chosen will depend on the location and the material that might be selected. The 60% plans presented are non-irrigated.

At 30% the irrigated roundabout would be filled with Palms, ground cover, medium size shrub material and larger shrubs as understory for the palms selected.

The non-irrigated roundabout would have as many Sabal palms as will fit, then mulched with shell. This will keep the roundabout at low maintenance. Curved Sabals would add more character. Stephen Brown said all the Sabals installed should be curved. Scott said using curved Sabals can be added to the 60% plans.

Beth Workman inquired on the width of the planting area questioning the hash marks on the design with the amount of planting material proposed. Scott pointed out that the legend on the drawing shows three choices of plant material A, B or C to choose one from each section.

Scott stated Beth Stacey would have 20 plus Sabals with shell mulch. Curved Sabals can be added. Sunshine is smaller and will have 8 Sabals with shell mulch. These would have to be hand watered until established.

Stephen asked if the shell would be installed directly to the soil. Scott stated that it has not been factored in the design yet. Stephen asked if adding filter fabric would be a cost factor. Bob added that no median will be raised, all will stay below curb. The county has had problems with the root mass of established plant material pushing up other plant material and mulch. Scott stated he could add a section on the 90% plans showing a swale/not crowned option. Bob said to keep it an inch below grade.

Bob read some comments from James McCord who was unable to make it to the meeting:

- I think we are trying to cram too many palms in each area.
- The palms seem placed and not designed which creates a sterile look. There is an opportunity for each to have a unique identity and stay simple by designing each median.
- If palms were clustered, it would add visual interest (seem more “naturally occurring”) and reduce cost (cut the #'s in half).
- Palm reduction would create less competition and will reduce fertilization and watering needs.
- Clustering would also would create unique shadow patterns rather than entire shade where it is not necessarily needed.

Scott said he could do some of this on the larger roundabouts but that Sunshine is too small.

Al O'Donnell stated he would like to see a more creative look but to stagger the heights. Al also asked about using Phoenix and Sylvester in the non-irrigated. He stated Sylvester's are assessable and not as expensive and could add sight. Bob stated that the Traffic division has asked for no visual lines and even would like the sides planted to funnel traffic. Sarah Clarke said they would like to see roadside planting especially on Sunshine to block any sight lines. Al added to obtain a blocked sight line they should add some Silver Palmettos as understory in the center. John added if

unable to get the Silver Palmetto he suggests White Indigo Berry. Debbie mentioned that without the understory plantings using palms and staggering heights would still have that "telephone pole" look, Beth stated to use booted palms and stagger heights and let them go, they will create a natural look and still have the architectural feature.

Stephen recommended using pea gravel instead of shell. The shell is bright and looks unnatural in areas away from the coast. Al added that 1" is not bright and they are lighter in weight. Another option would be to use 87 stone.

JB inquired if the shell would be added keeping the 1" below curb in mind. Bob clarified that the 1" below curb would be considered finished grade.

Greg stated he would not recommend shell in these locations. At 90% he recommends regenerated Sabals and a watering schedule should be set for the contractor in the non-irrigated areas. He would like to see more diversity on the ground cover and shrubs. He doesn't feel that the plant pallet will have a high survival rate in Lehigh. He asked if the notes could be more legible and take out what does not apply. Scott stated the regenerated sabals are quite a bit more expensive. John mentioned that they may be more expensive but they have a higher survival rate. Bob said that the plant material is under a 1 year warranty.

Greg also agrees with Sarah to see planting on the outsides for calming traffic. Sarah stated that Crystal is constrained and would only allow planting on one side which would not be acceptable. Bob added that we are only voting on the general concept to allow for options. We can allow side plantings to the sides if there is no conflict with utilities.

Al O'Donnell made a motion to accept the 30% and 60% Conceptual Landscape Plans for the roundabouts at Beth Stacey / Business Way, Crystal Drive / Plantation Rd. and Sunshine Blvd. / 23<sup>rd</sup> St. SW with options for palms and understory plantings, planting on the sides of the road and to choose irrigated or non-irrigated, seconded by Barbara Niland, motion was called and carried.

## **OLD BUSINESS:**

### **Project Status Update by Bob DeBrock**

Projects in CIP maintenance:

- Gladiolus Dr. / Bass Rd. from Winkler Rd. to San Carlos Blvd. / Health Park to Gladiolus Dr. – final 5/7/2018.
- Colonial Blvd. from the Six Mile Slough to S.R. 82 – will finalize 11/20/2018.
- Three Oaks Pkwy. / Imperial Pkwy. from Bonita Bill St. to E. Terry St. – final 1/19/2019.
- Ben C. Pratt/Six Mile Cypress Pkwy. from Daniels Pkwy. to Colonial Blvd. final 5/2015 which is now in a maintenance contract.
- Summerlin Rd. from Boy Scout Dr. to Cypress Lake Dr. final 11/11/19



**OTHER BUSINESS:**

Bob announced there will be an April meeting to go over plans for Summerlin Rd. from Colonial to Boy Scout Dr. This is a high visual area and would be a non-irrigated core level design. The county would take the responsibility of the installation. Bob stated that he would forward the designs out to the members to review before the meeting.

JB thanked Bob and staff for their help on solving the problem with the city property called Paseo. The only exit is on a county road which had some landscape problems. Bob stated that historically this area had enhanced plantings but the developer has left and it is not being maintained. The county will be putting low maintenance core level plantings in place of the existing landscape.

Al O'Donnell asked for an update on the problem with the fertilizer in Bonita and Ft. Myers. The Foxtails and Sabals are dying. Bob stated that a contractor has started this week with a new fertilizer formula. Started on Palm Beach and US41 from Littleton to the Charlotte county line has been fertilized. Watering and using added compost to give it a boost. It may be a little while before we will see any results.

Meeting Adjourn at 7:00 pm  
Respectfully submitted,

Doraine Wetzel  
Administrative Assistant

\_\_\_\_\_  
Chairman

\_\_\_\_\_  
Date

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Date

Attachment: Attendance Record

Lee County Roadway Landscape Advisory Committee															
12 Month Meeting Attendance Record															
A = Absent, EA = Excused Absence, V = Vacant															
	2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016	2016		
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.		Total
<b>Voting Members</b>															
Al O'Donnell															
District 3															
Barbara Niland		A													1
District 5															
Greg Diserio															
District 4															
James McCord											EA				1
American Society of															
Landscape Architects															
Vacant		V				V					V				V
Horizon Council															
Phil Buck		A													1
Florida Nursery, Growers &															
Landscape Association															
Debbie Hughes		EA				EA									2
Ft. Myers/Lee County Garden Council															
Gail Annette Archer-Dearie		A				A					A				3
District 1															
John Sibley															
District 2															
Clark Ryals															
Urban Forester															
Jenny Evans						EA					EA				2
Florida Native Plant Society															
Ronnie Simpson		A				A					A				3
International Society of															
Arboriculture, Certified Arborist															
Stephen Brown															
Horticultural Extension Agent															
Winston Church						EA									1
Keep Lee County Beautiful															
<b>Non-voting Members (Staff)</b>															
Beth Workman															
Community Development															
Bob DeBrock															
Department of Transportation															
Parks & Recreation															



COMPONENTS OF CONTRACT PLAN SET

LANDSCAPE REMOVAL PLANS  
LANDSCAPE PLANS

A DETAILED INDEX APPEARS ON THE KEY  
SHEET OF EACH COMPONENT

LEE COUNTY  
DEPARTMENT OF TRANSPORTATION

PLANS OF PROPOSED

SUMMERLIN ROAD (±1.2 MILES)

FROM BOY SCOUT DR. TO COLONIAL BLVD.  
LANDSCAPE IMPROVEMENTS

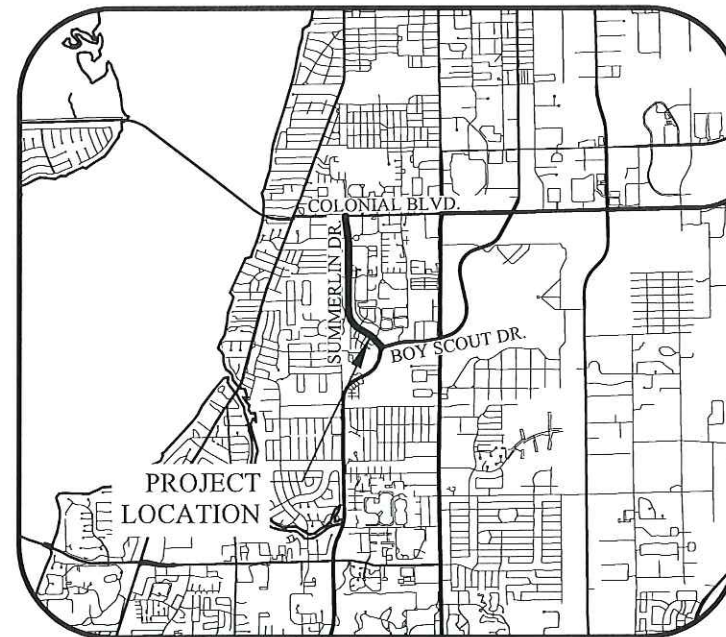
DESIGN SPEED - 45 MPH  
DESIGN VEHICLE - PASSENGER CAR



LOCATION OF PROJECT

INDEX OF LANDSCAPE PLANS

SHEET NO.	DESCRIPTION
COVER	COVER
K-01	KEY SHEET
T-01 - T-04	LANDSCAPE TABULATION OF QUANTITIES
LR-01 - LR-06	LANDSCAPE REMOVAL PLAN
LA-01 - LA-22	LANDSCAPE PLANS
LA - 23	LANDSCAPE DETAILS
LA - 24	LANDSCAPE DETAILS AND NOTES



VICINITY MAP  
N.T.S.



60% LANDSCAPE PLANS  
MARCH 15, 2016

NOTE  
CONTRACTOR SHALL CALL  
SUNSHINE STATE ONE CALL OF FLORIDA, INC.  
AT LEAST 48 HOURS PRIOR TO EXCAVATION  
1-(800)-432-4770

LCDOT PROJECT MANAGER: ROBERT DEBROCK

PLANS PRODUCED FOR:



SOUTHWEST  
FLORIDA  
DEPARTMENT  
of  
TRANSPORTATION

PUBLIC WORKS ADMINISTRATION

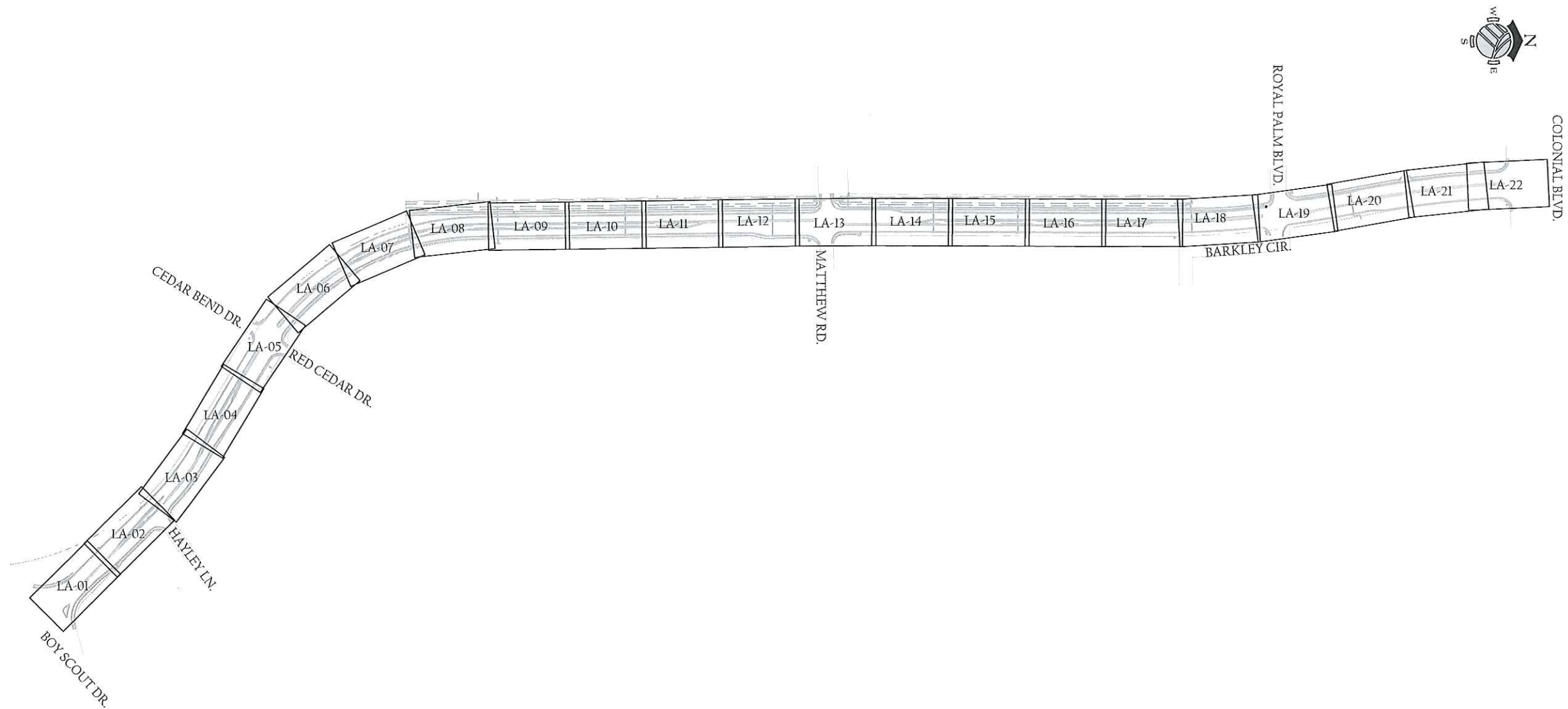
PLANS PREPARED BY:

**ensite**  
2401 FIRST STREET, SUITE 201  
FORT MYERS, FLORIDA 33901  
PH: (239)-226-0024 - FX: (239)-226-0094  
EB-26544 CA-LC26000374

REVISION	PLAN REVISIONS DESCRIPTION	DATE


LANDSCAPE ARCHITECT OF RECORD
Jonathan L. Romine, RLA LA6666881

COVER
Sheet Number:





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LEE COUNTY  
 SOUTHWEST  
 FLORIDA  
 DEPARTMENT  
 of  
 TRANSPORTATION  
 PUBLIC WORKS ADMINISTRATION

Project Manager:	JLR
Drawn By:	GW
Project Number:	1110 24
Cad File:	1110 24 LSP
Scale:	AS SHOWN
Date:	3-15-16
Issued:	
Status:	

PROJECT:  
**SUMMERLIN ROAD  
 LANDSCAPE PROJECT**

FROM BOY SCOUT DRIVE TO COLONIAL BLVD.

REVISION	PLAN REVISIONS	
	DESCRIPTION	DATE

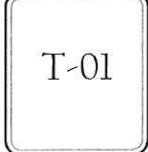


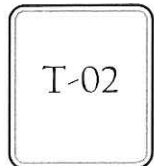
JONATHAN L. ROMINE  
 RLA NO. LA 6666881

**KEY SHEET**  
 (60% SUBMITTAL)

**K-01**



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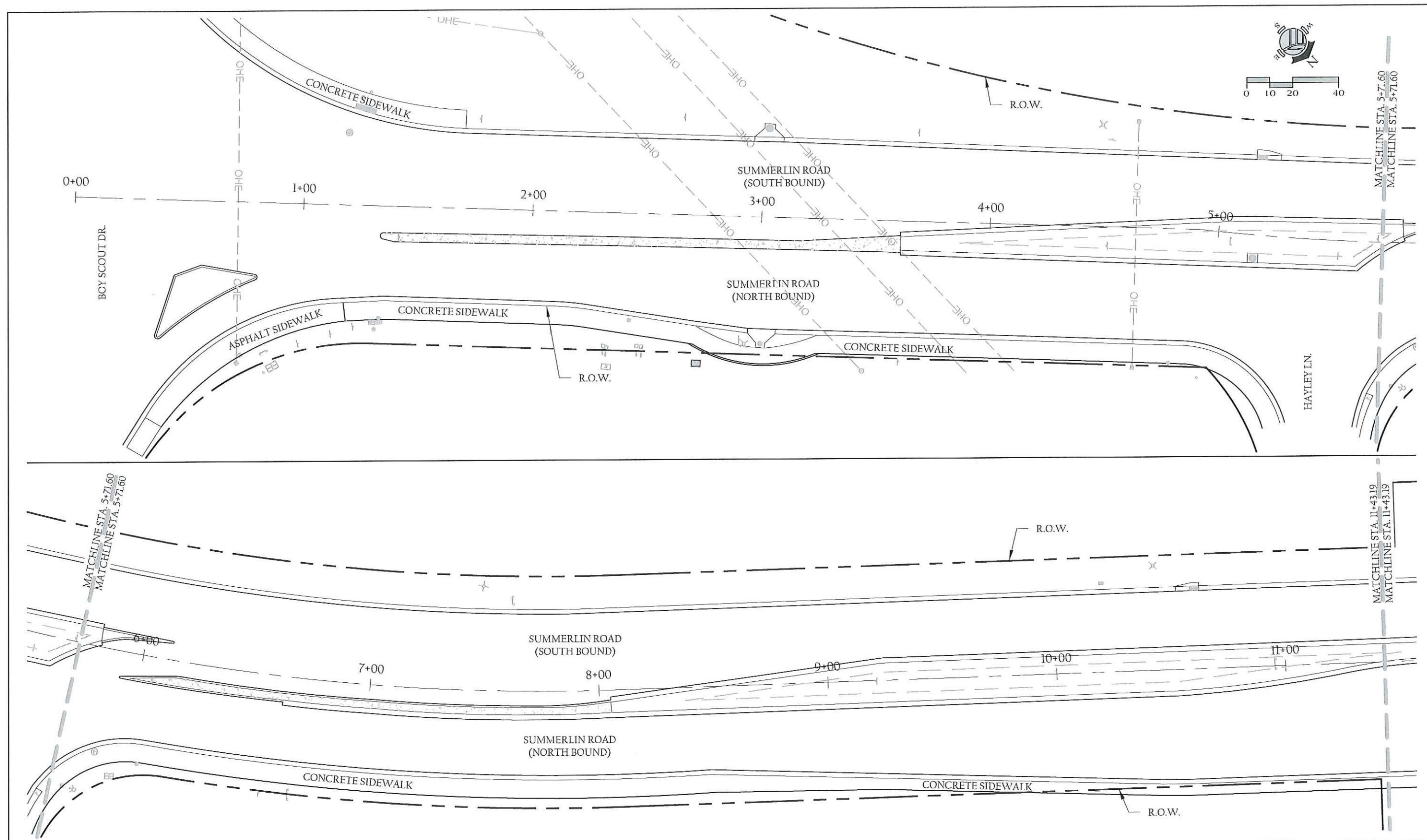


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**LEE COUNTY**  
 SOUTHWEST  
 FLORIDA  
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 of  
 TRANSPORTATION  
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 Drawn By: GW  
 Project Number: 1110 24  
 Cal File: 1110 24 1SP  
 Scale: AS SHOWN  
 Date: 3-15-16  
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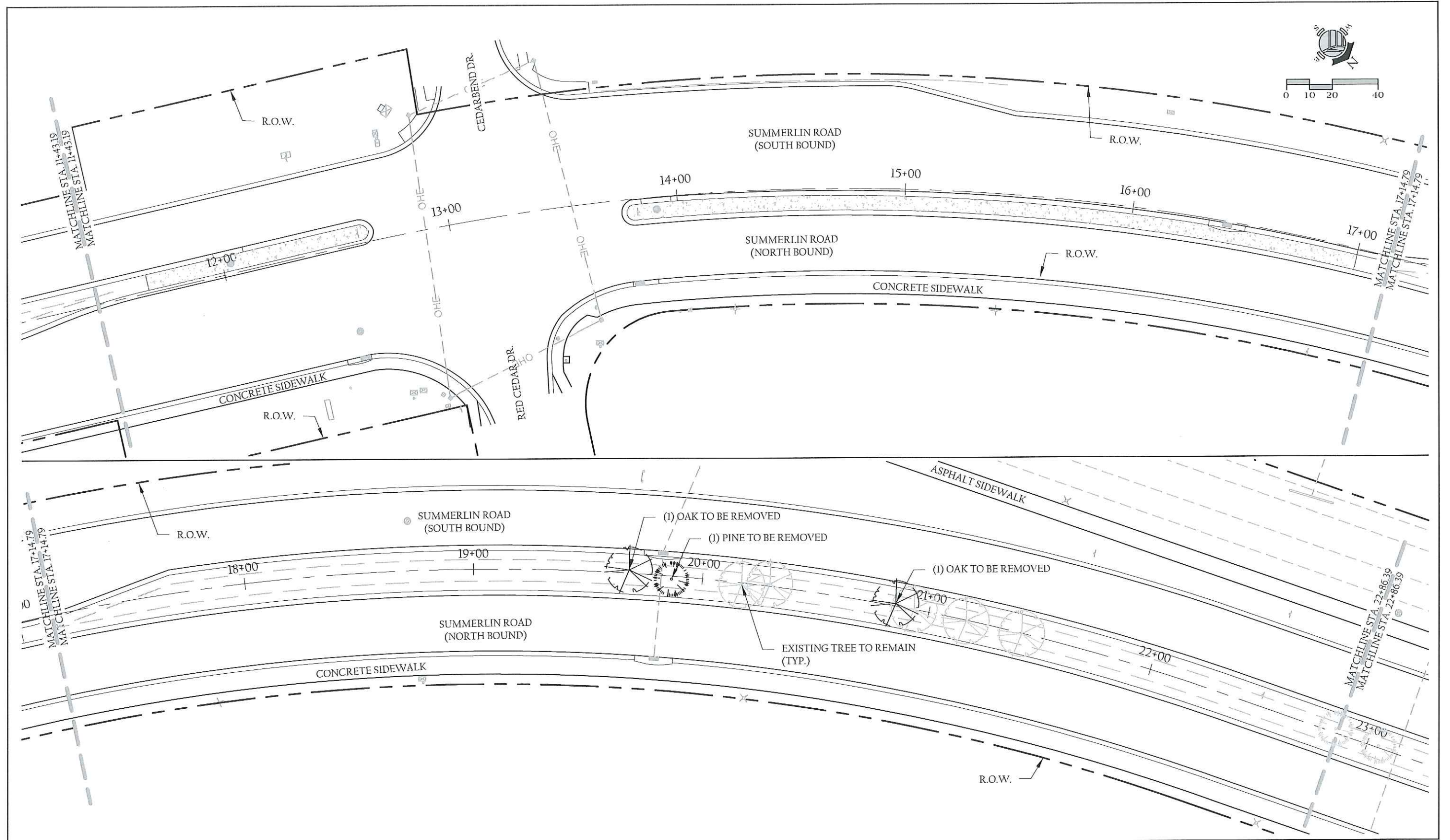
PROJECT:  
**SUMMERLIN ROAD  
 LANDSCAPE PROJECT**  
 FROM BOY SCOUT DRIVE TO COLONIAL BLVD.

REVISION	PLAN REVISIONS DESCRIPTION	DATE

JONATHAN L. ROMINE  
 RIA NO. LA 6666881

**LANDSCAPE  
 REMOVAL PLAN**  
 (60% SUBMITTAL)

**LR-01**



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**LEE COUNTY**  
 SOUTHWEST  
 FLORIDA  
 DEPARTMENT  
 of  
 TRANSPORTATION  
 PUBLIC WORKS ADMINISTRATION

Project Manager:	JLR
Drawn By:	GW
Project Number:	III0 24
Cad File:	III0 24 1SP
Scale:	AS SHOWN
Date:	3/15/16
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Status:	

PROJECT:  
**SUMMERLIN ROAD  
 LANDSCAPE PROJECT**  
 FROM BOY SCOUT DRIVE TO COLONIAL BLVD.

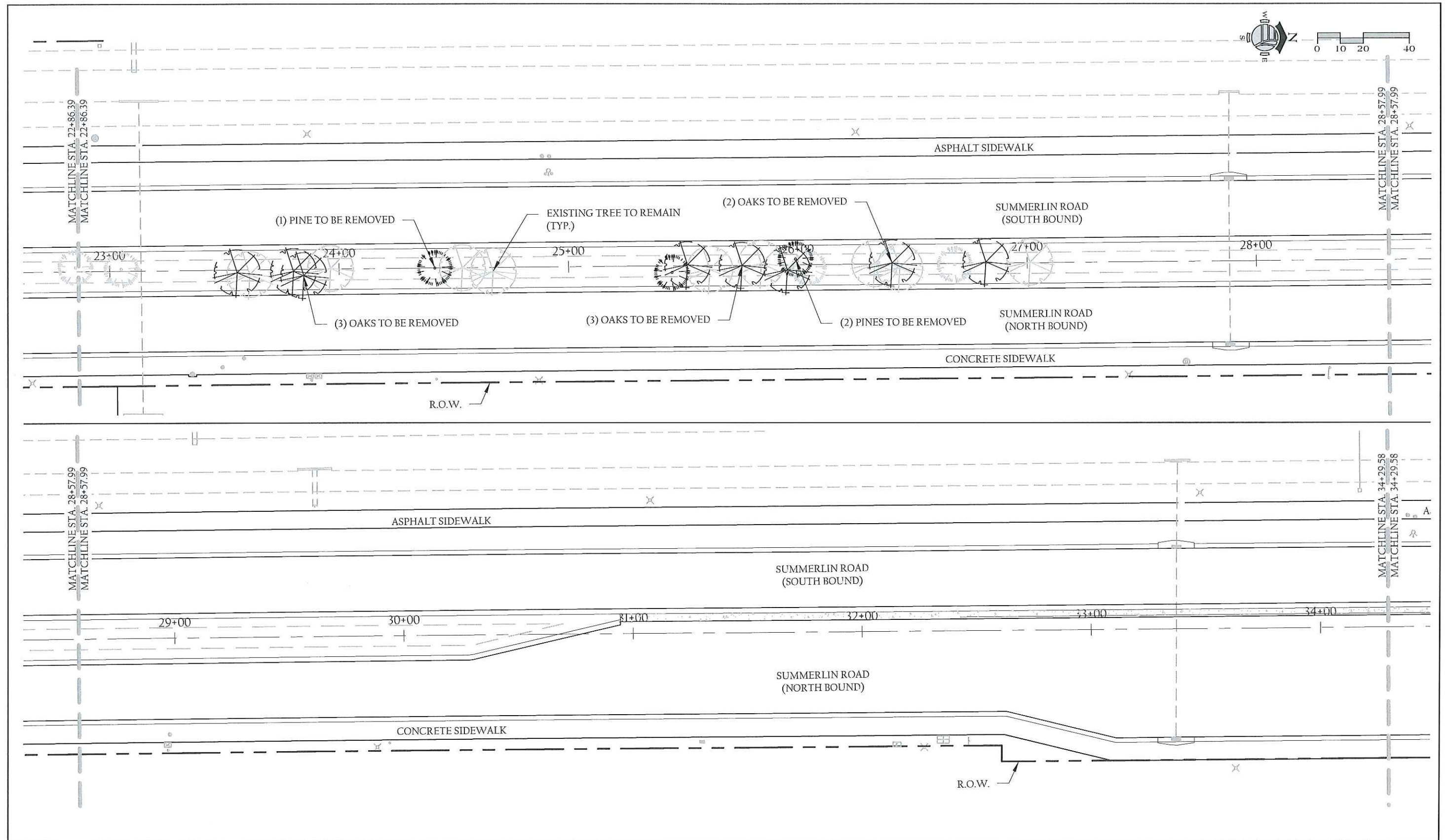
REVISION	PLAN REVISIONS DESCRIPTION	DATE

JONATHAN L. ROMINE  
 RLA NO. 1A 6666881

**LANDSCAPE  
 REMOVAL PLAN**  
 (60% SUBMITTAL)

**LR-02**





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**LEE COUNTY**  
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 FLORIDA  
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 of  
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 PUBLIC WORKS ADMINISTRATION

Project Manager: JLR  
 Drawn By: GW  
 Project Number: 1110 24  
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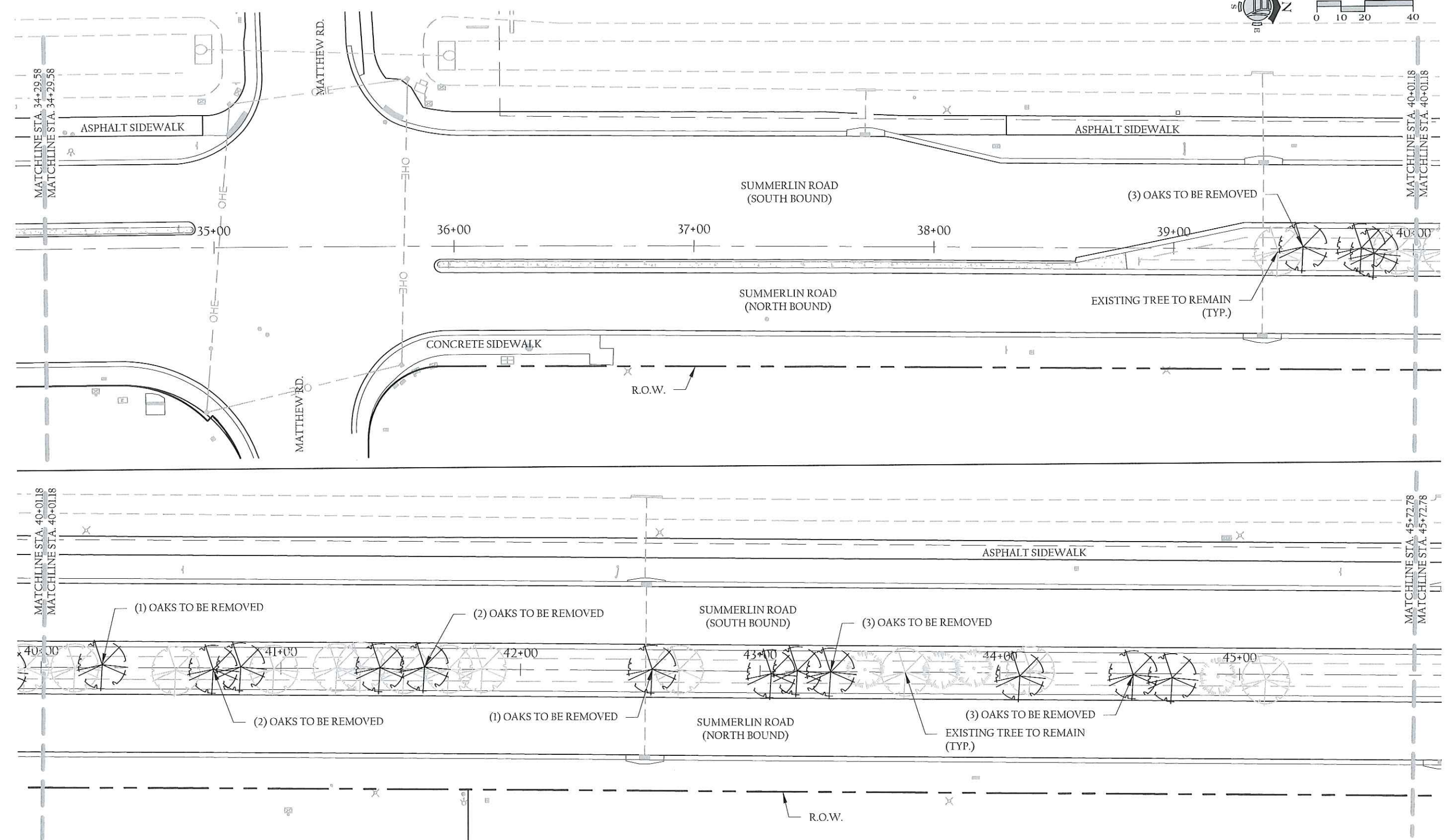
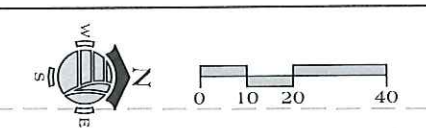
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**SUMMERLIN ROAD  
 LANDSCAPE PROJECT**  
 FROM BOY SCOUT DRIVE TO COLONIAL BLVD.

REVISION	PLAN REVISIONS DESCRIPTION	DATE

JONATHAN L. ROMINE  
 RIA NO. 1A-6666881

**LANDSCAPE  
 REMOVAL PLAN**  
 (60% SUBMITTAL)

**LR-03**



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LEE COUNTY  
 SOUTHWEST FLORIDA  
 DEPARTMENT of TRANSPORTATION  
 PUBLIC WORKS ADMINISTRATION

Project Manager:	JLR
Drawn By:	GVW
Project Number:	110 24
Cad File:	110 24 1SP
Scale:	AS SHOWN
Date:	3-15-16
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PROJECT:  
 SUMMERLIN ROAD  
 LANDSCAPE PROJECT  
 FROM BOY SCOUT DRIVE TO COLONIAL BLVD.

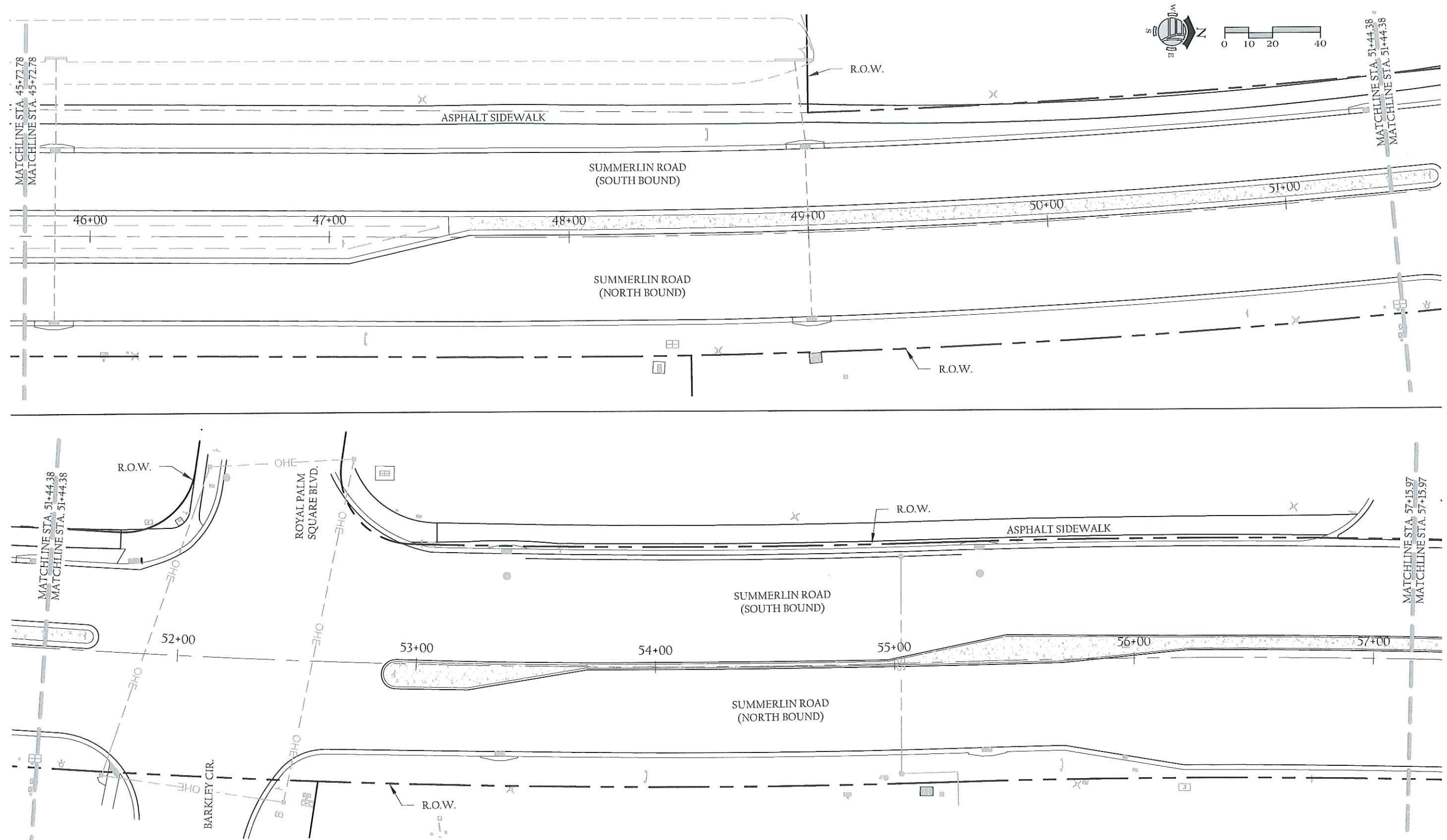
REVISION	PLAN REVISIONS DESCRIPTION	DATE

JONATHAN L. ROMINE  
 RLA NO. LA 6666681

LANDSCAPE  
 REMOVAL PLAN  
 (60% SUBMITTAL)

LR-04





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**LEE COUNTY**  
 SOUTHWEST  
 FLORIDA  
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 TRANSPORTATION  
 PUBLIC WORKS ADMINISTRATION

Project Manager:	JLR
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Project Number:	110 24
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Status:	

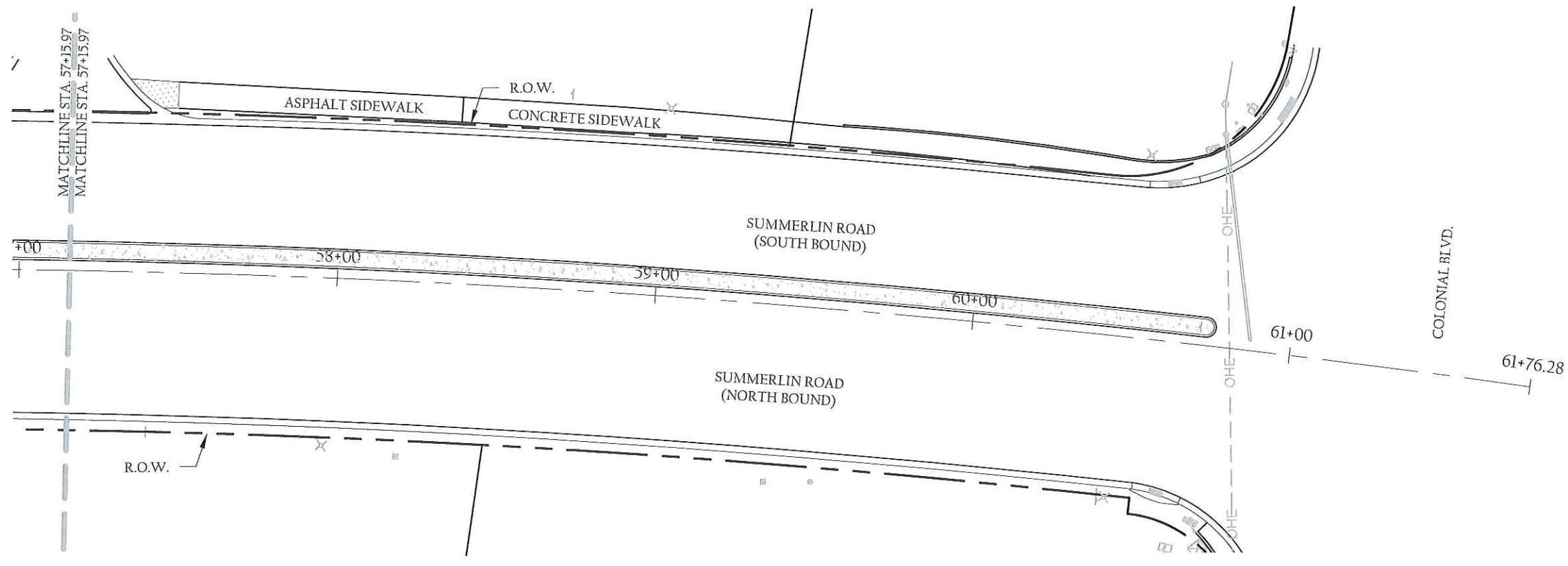
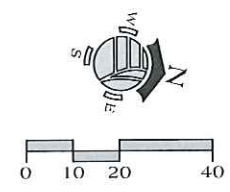
PROJECT:  
**SUMMERLIN ROAD  
 LANDSCAPE PROJECT**  
 FROM BOY SCOUT DRIVE TO COLONIAL BLVD.

REVISION	PLAN REVISIONS DESCRIPTION	DATE

JONATHAN L. ROMINE  
 RLA NO. LA 666681


**LANDSCAPE  
 REMOVAL PLAN**  
 (60% SUBMITTAL)

**LR-05**





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LEE COUNTY  
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Issued:	
Status:	

PROJECT:  
**SUMMERLIN ROAD  
LANDSCAPE PROJECT**

FROM BOY SCOUT DRIVE TO COLONIAL BLVD.

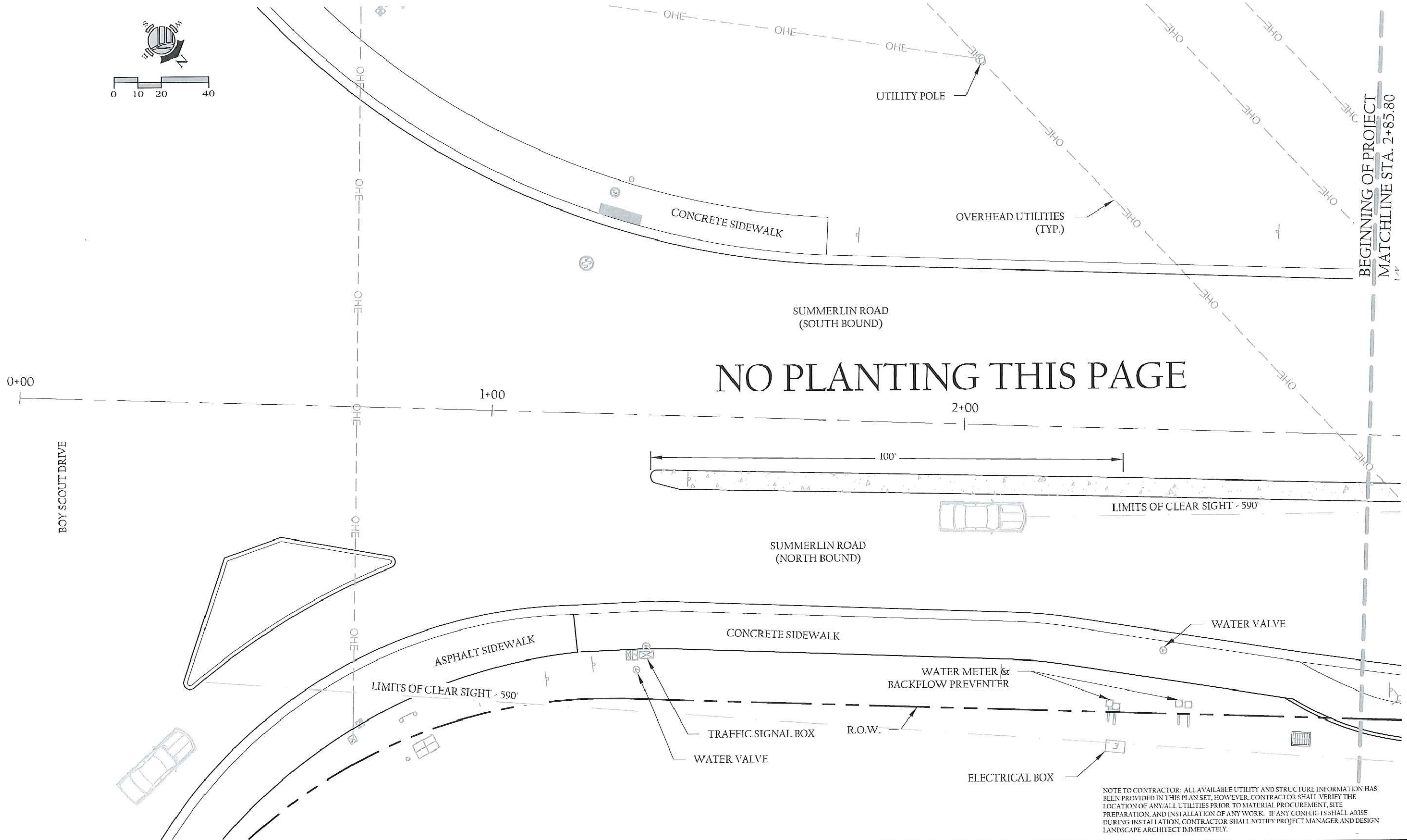
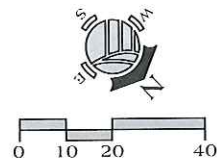
PLAN REVISIONS		
REVISION	DESCRIPTION	DATE

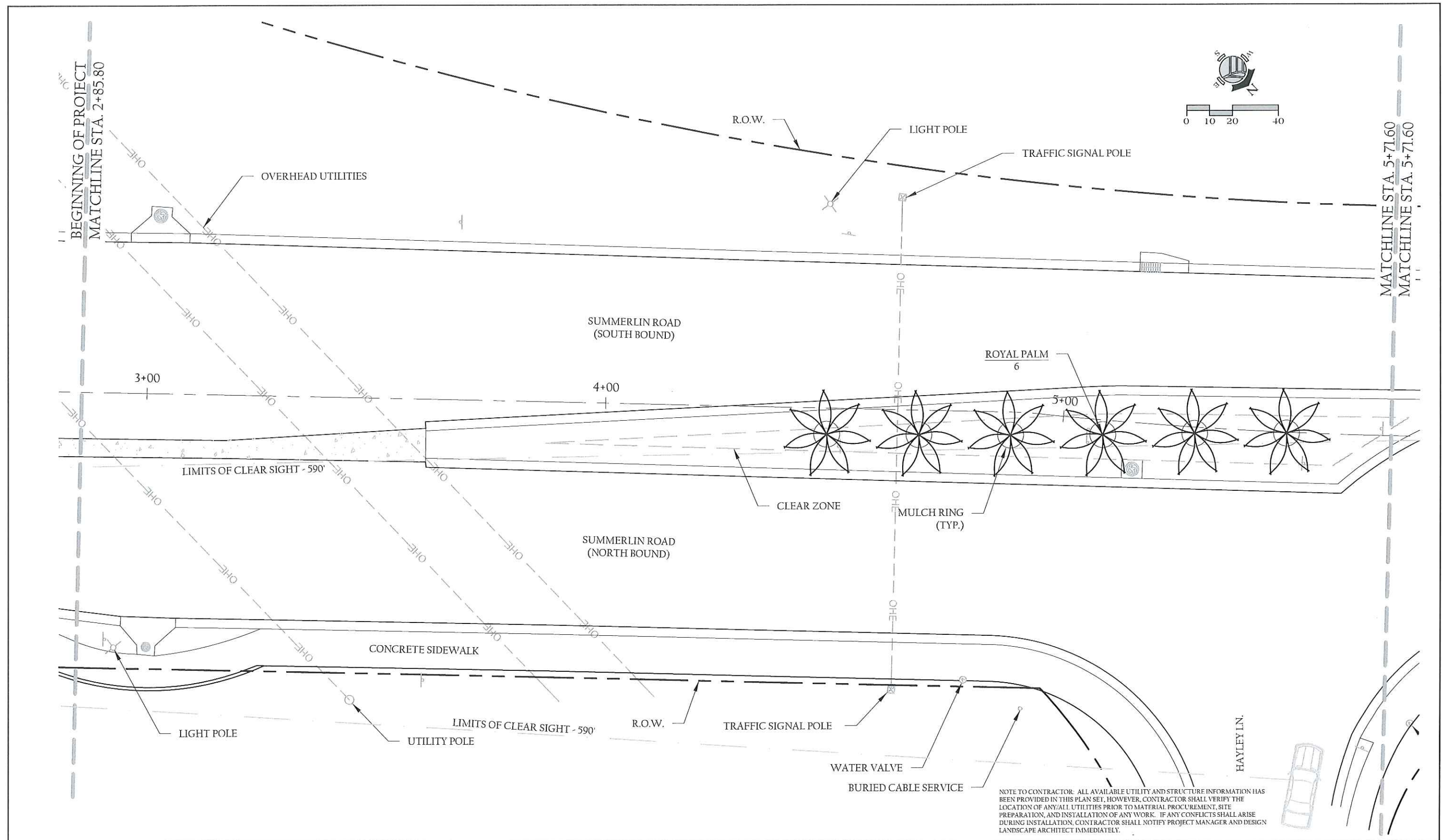
JONATHAN L. ROMINE  
RIA NO. LA 6666881

**LANDSCAPE  
REMOVAL PLAN**  
(60% SUBMITTAL)

**LR-06**







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**LEE COUNTY**  
 SOUTHWEST FLORIDA  
 DEPARTMENT of TRANSPORTATION  
 PUBLIC WORKS ADMINISTRATION

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Cad File:	1110 24 LSP
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Date:	3-15-16
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PROJECT:  
**SUMMERLIN ROAD LANDSCAPE PROJECT**  
 FROM BOY SCOUT DRIVE TO COLONIAL BLVD.

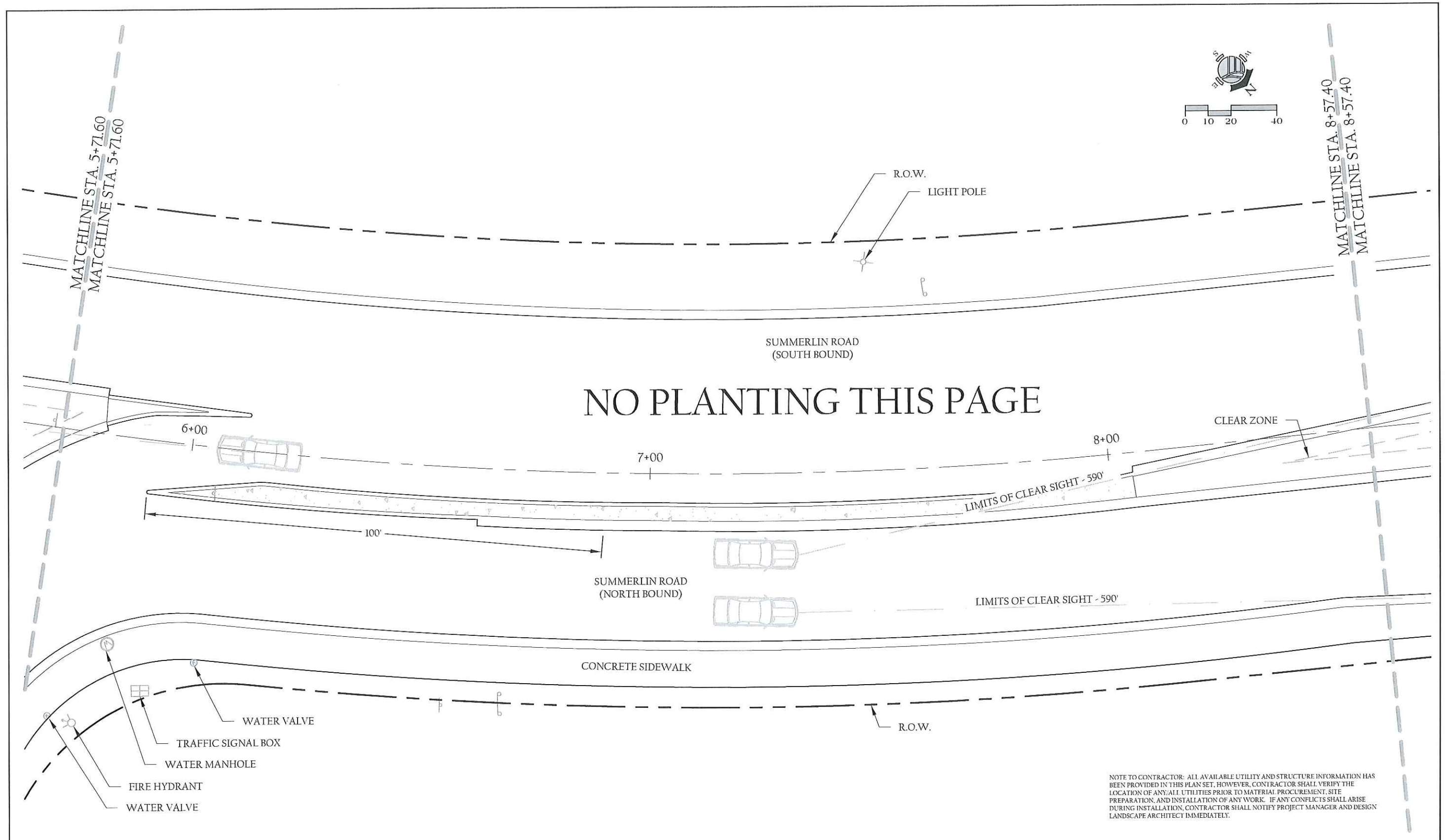
REVISION	PLAN REVISIONS DESCRIPTION	DATE

JONATHAN L. ROMINE  
 RLA NO. LA-6666881

**LANDSCAPE PLAN**  
 (60% SUBMITTAL)

**LA-02**





NOTE TO CONTRACTOR: ALL AVAILABLE UTILITY AND STRUCTURE INFORMATION HAS BEEN PROVIDED IN THIS PLAN SET. HOWEVER, CONTRACTOR SHALL VERIFY THE LOCATION OF ANY/ALL UTILITIES PRIOR TO MATERIAL PROCUREMENT, SITE PREPARATION, AND INSTALLATION OF ANY WORK. IF ANY CONFLICTS SHALL ARISE DURING INSTALLATION, CONTRACTOR SHALL NOTIFY PROJECT MANAGER AND DESIGN LANDSCAPE ARCHITECT IMMEDIATELY.

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F/X: (239) 226-0094  
E/S: 26544 C.V.L.C.26000374

LEE COUNTY  
SOUTHWEST  
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Project Manager:	JLR
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LANDSCAPE PROJECT**  
FROM BOY SCOUT DRIVE TO COLONIAL BLVD.

REVISION:		DATE:
NO.	DESCRIPTION:	

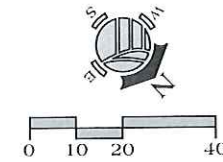
JONATHAN L. ROMINE  
R/LA NO. LA 6666881

**LANDSCAPE PLAN**  
(60% SUBMITTAL)

**LA-03**

MATCHLINE STA. 8+57.40  
MATCHLINE STA. 8+57.40

MATCHLINE STA. 11+43.19  
MATCHLINE STA. 11+43.19



TRAFFIC CONTROL BOX

LIGHT POLE

R.O.W.

LIMITS OF CLEAR SIGHT - 590'

SUMMERLIN ROAD  
(SOUTH BOUND)

HONG KONG ORCHID  
3

9+00

10+00

11+00

HONG KONG ORCHID  
3

LIVE OAK  
3

MULCH RING  
(TYP.)

CLEAR ZONE

SUMMERLIN ROAD  
(NORTH BOUND)

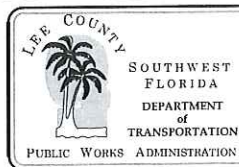
CONCRETE SIDEWALK

TRAFFIC CONTROL BOX

LIMITS OF CLEAR SIGHT - 590'

R.O.W.

NOTE TO CONTRACTOR: ALL AVAILABLE UTILITY AND STRUCTURE INFORMATION HAS BEEN PROVIDED IN THIS PLAN SET, HOWEVER, CONTRACTOR SHALL VERIFY THE LOCATION OF ANY ALL UTILITIES PRIOR TO MATERIAL PROCUREMENT, SITE PREPARATION, AND INSTALLATION OF ANY WORK. IF ANY CONFLICTS SHALL ARISE DURING INSTALLATION, CONTRACTOR SHALL NOTIFY PROJECT MANAGER AND DESIGN LANDSCAPE ARCHITECT IMMEDIATELY.



Project Manager:	JLR
Drawn By:	GW
Project Number:	110-24
Cad File:	110-24 LSP
Scale:	AS SHOWN
Date:	3-15-16
Issued:	
Status:	

PROJECT:  
**SUMMERLIN ROAD  
LANDSCAPE PROJECT**  
FROM BOY SCOUT DRIVE TO COLONIAL BLVD.

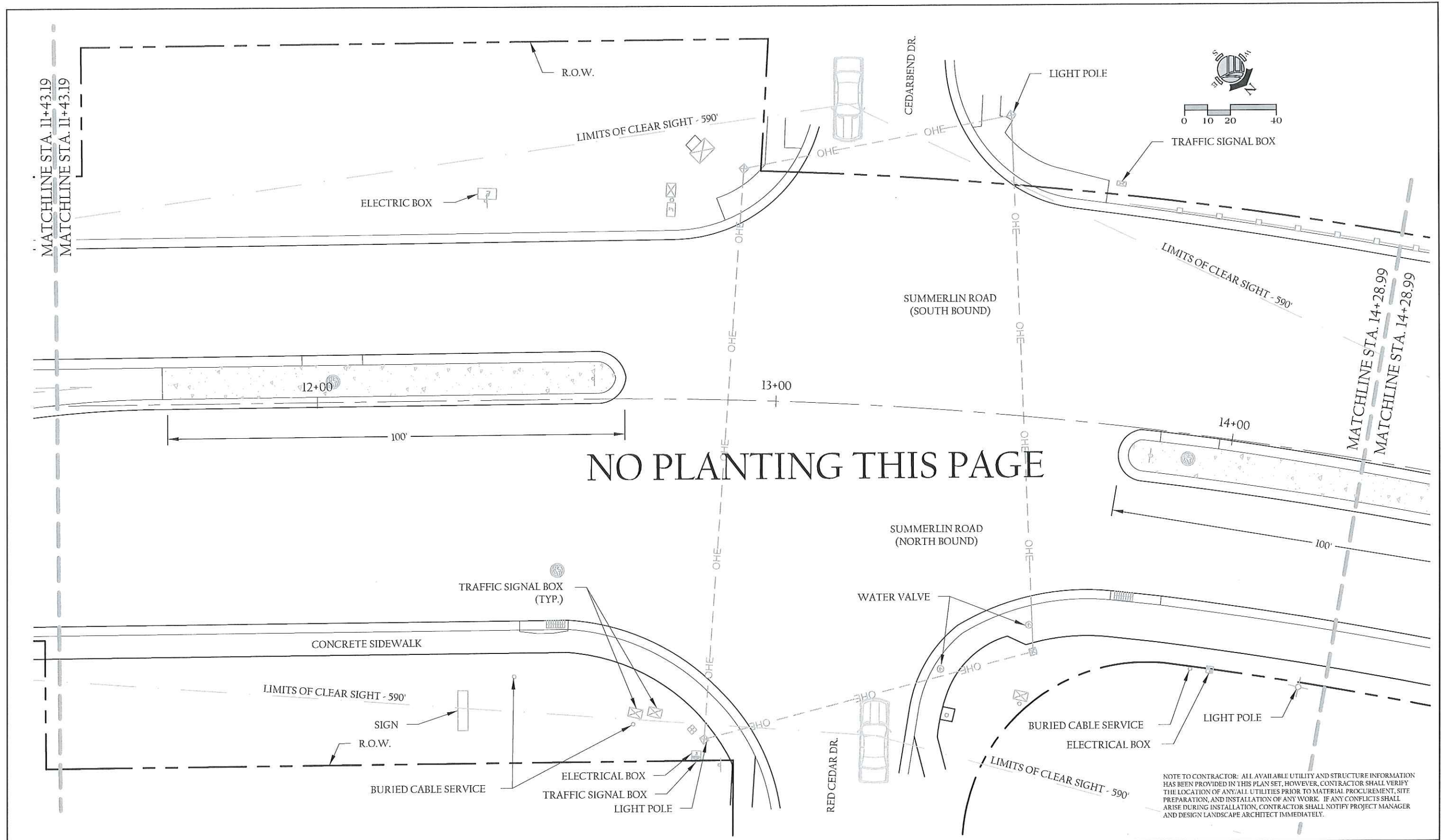
PLAN REVISIONS		DATE
REVISION	DESCRIPTION	

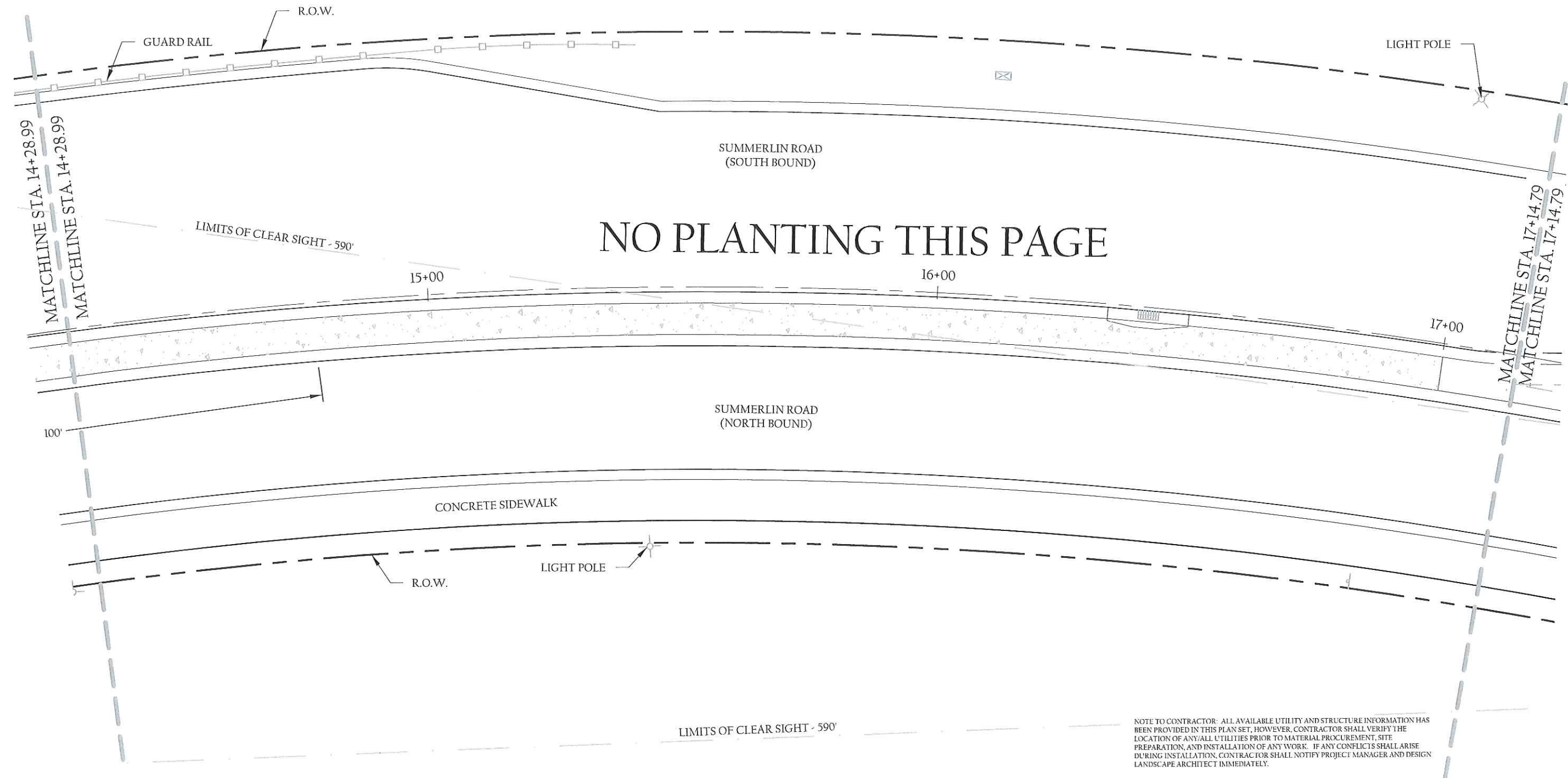
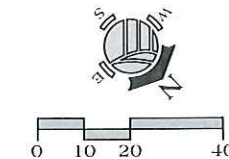
JONATHAN L. ROMINE  
RLA NO. LA 6666881

**LANDSCAPE PLAN**  
(60% SUBMITTAL)

**LA-04**







NOTE TO CONTRACTOR: ALL AVAILABLE UTILITY AND STRUCTURE INFORMATION HAS BEEN PROVIDED IN THIS PLAN SET, HOWEVER, CONTRACTOR SHALL VERIFY THE LOCATION OF ANY/ALL UTILITIES PRIOR TO MATERIAL PROCUREMENT, SITE PREPARATION, AND INSTALLATION OF ANY WORK. IF ANY CONFLICTS SHALL ARISE DURING INSTALLATION, CONTRACTOR SHALL NOTIFY PROJECT MANAGER AND DESIGN LANDSCAPE ARCHITECT IMMEDIATELY.

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FORT MYERS, FLORIDA 33901  
PH: (239) 226-0024  
FX: (239) 226-0094  
EB-26544 CALC26000374

LEE COUNTY  
SOUTHWEST FLORIDA  
DEPARTMENT of TRANSPORTATION  
PUBLIC WORKS ADMINISTRATION

Project Manager:	JLR
Drawn By:	GW
Project Number:	III0 24
Cad File:	III0 24.TSP
Scale:	AS SHOWN
Date:	3/15/16
Issued:	
Status:	

PROJECT:  
SUMMERLIN ROAD  
LANDSCAPE PROJECT

FROM BOY SCOUT DRIVE TO COLONIAL BLVD.

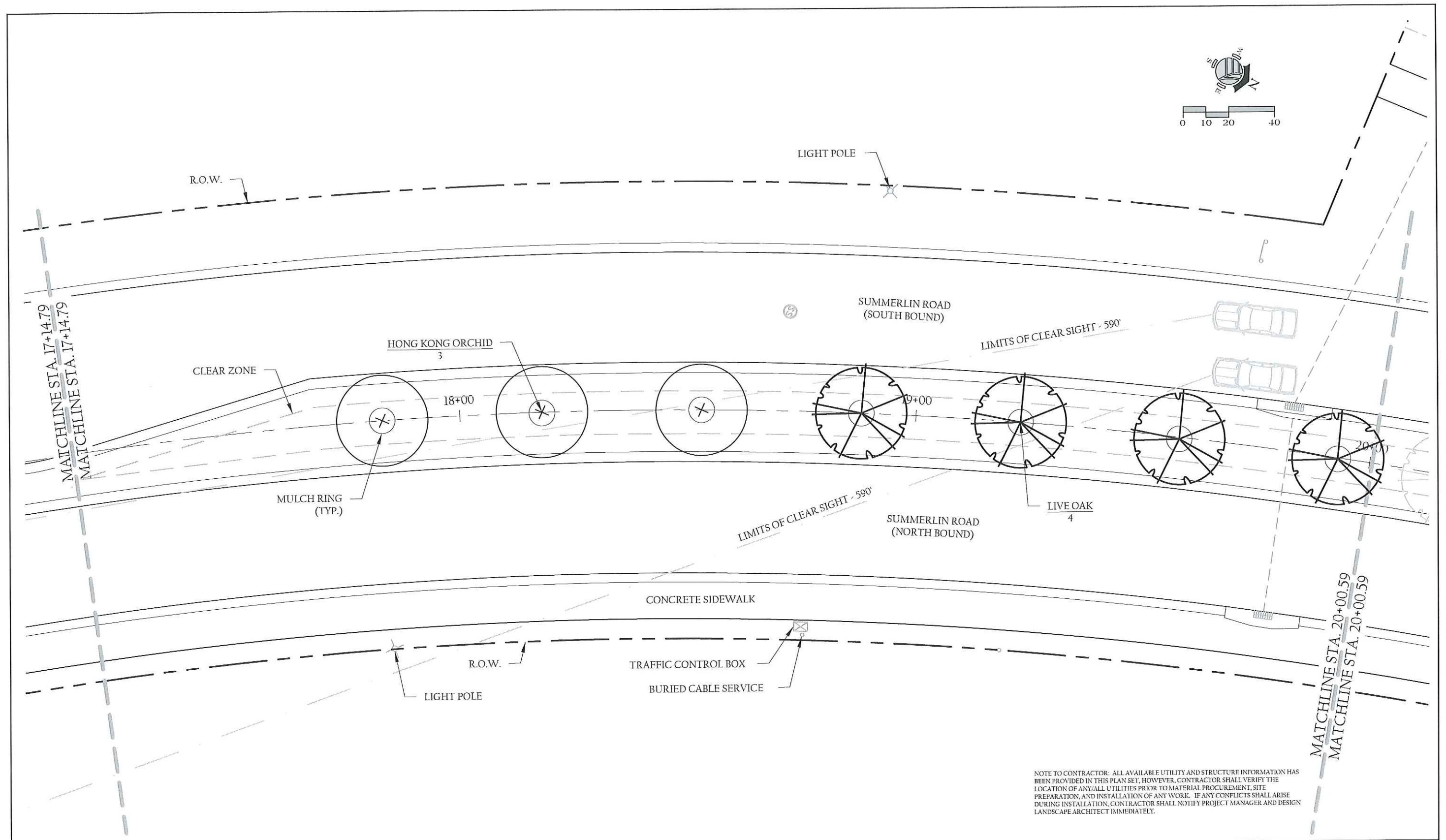
PLAN REVISIONS		DATE
REVISION	DESCRIPTION	

JONATHAN L. ROMINE  
RIA NO. LA-666681

LANDSCAPE PLAN  
(60% SUBMITTAL)

LA-06





NOTE TO CONTRACTOR: ALL AVAILABLE UTILITY AND STRUCTURE INFORMATION HAS BEEN PROVIDED IN THIS PLAN SET, HOWEVER, CONTRACTOR SHALL VERIFY THE LOCATION OF ANY/ALL UTILITIES PRIOR TO MATERIAL PROCUREMENT, SITE PREPARATION, AND INSTALLATION OF ANY WORK. IF ANY CONFLICTS SHALL ARISE DURING INSTALLATION, CONTRACTOR SHALL NOTIFY PROJECT MANAGER AND DESIGN LANDSCAPE ARCHITECT IMMEDIATELY.

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 EB-26544 CA1C26000374

**LEE COUNTY**  
 SOUTHWEST FLORIDA  
 DEPARTMENT of TRANSPORTATION  
 PUBLIC WORKS ADMINISTRATION

Project Manager:	JLR
Drawn By:	GW
Project Number:	110024
Cad File:	1100241SP
Scale:	AS SHOWN
Date:	3-13-16
Issued:	
Status:	

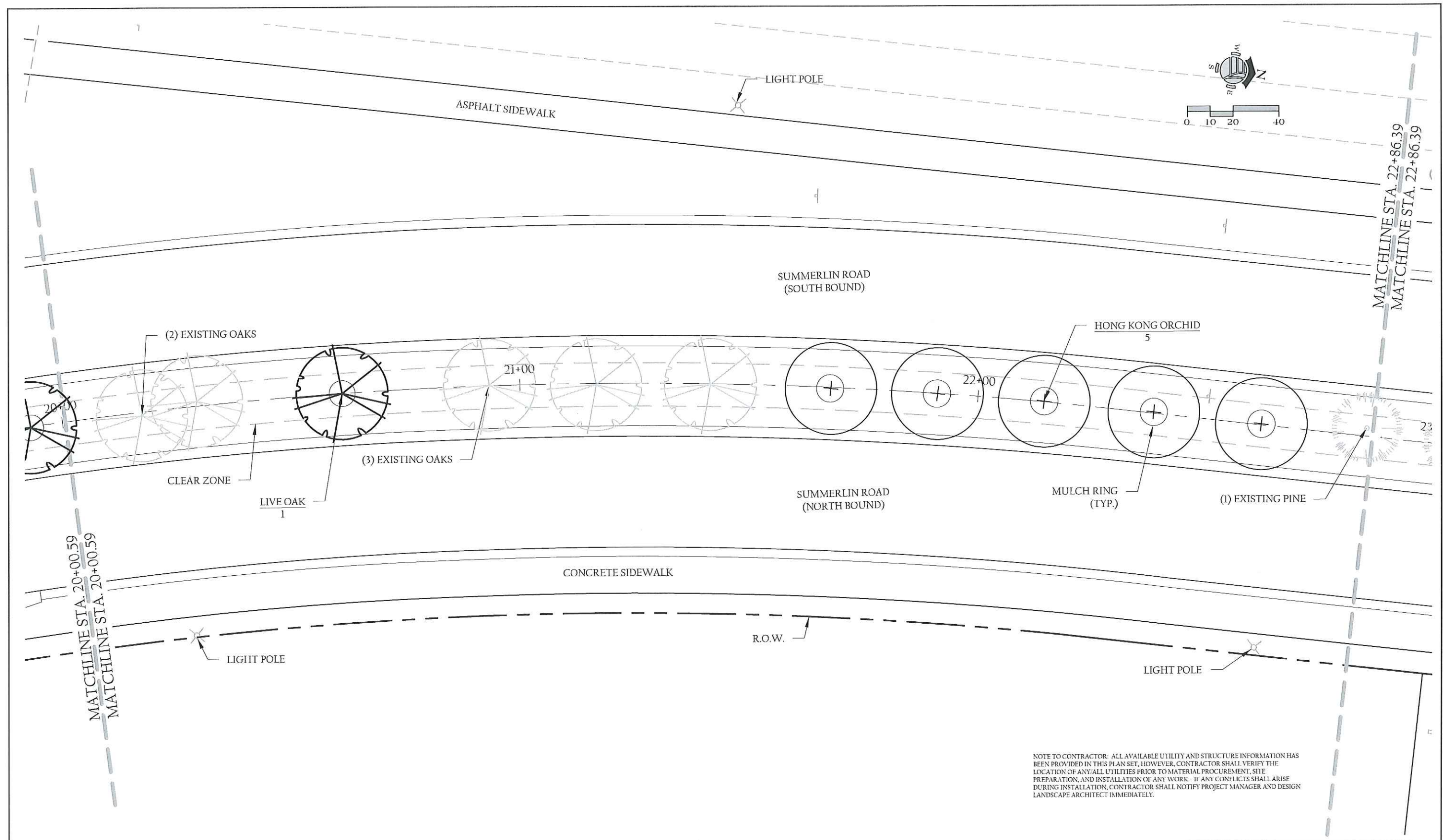
**PROJECT:**  
**SUMMERLIN ROAD LANDSCAPE PROJECT**  
 FROM BOY SCOUT DRIVE TO COLONIAL BLVD.

REVISION	PLAN REVISIONS DESCRIPTION	DATE

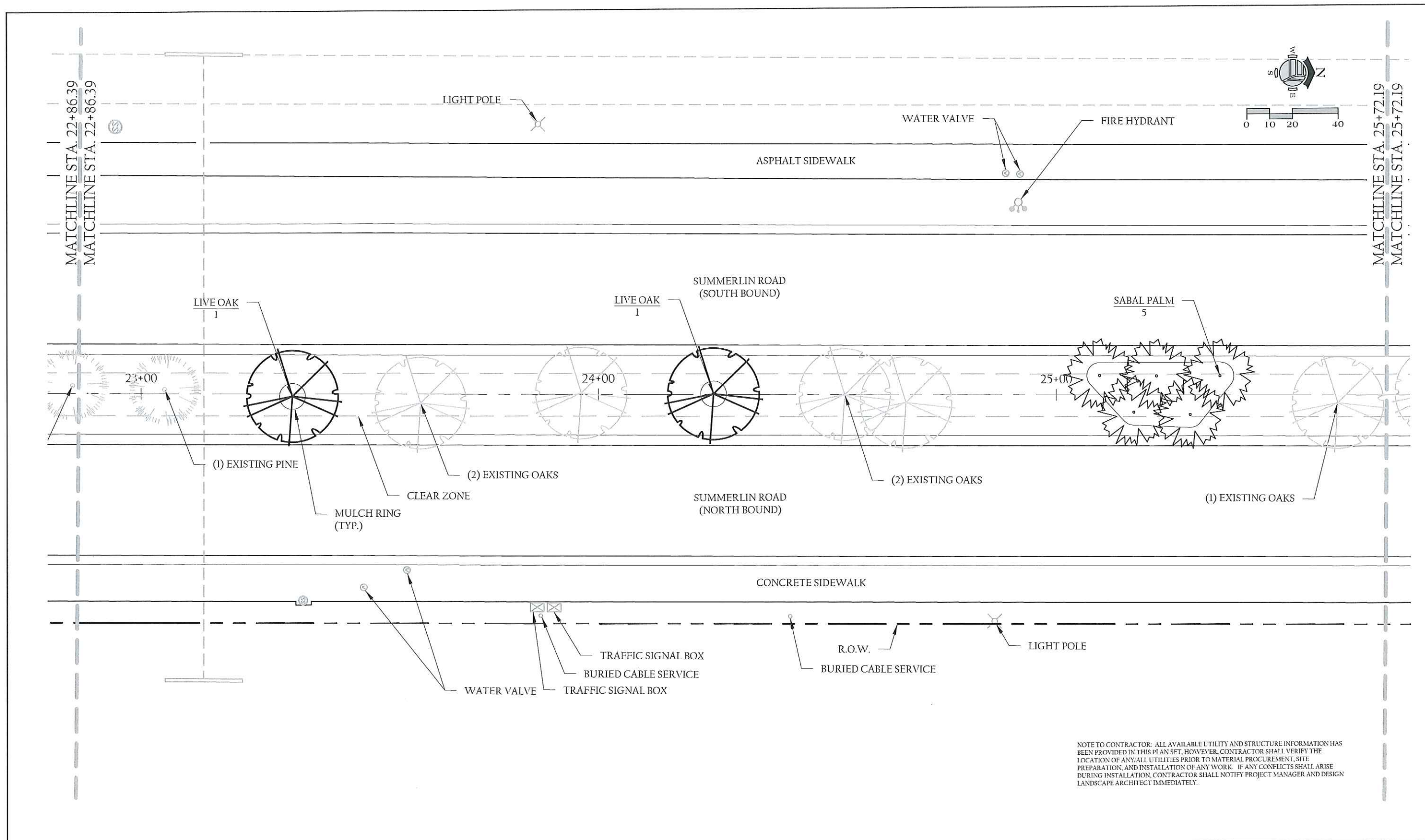
JONATHAN L. ROMINE  
 RIA NO. LA 6666681

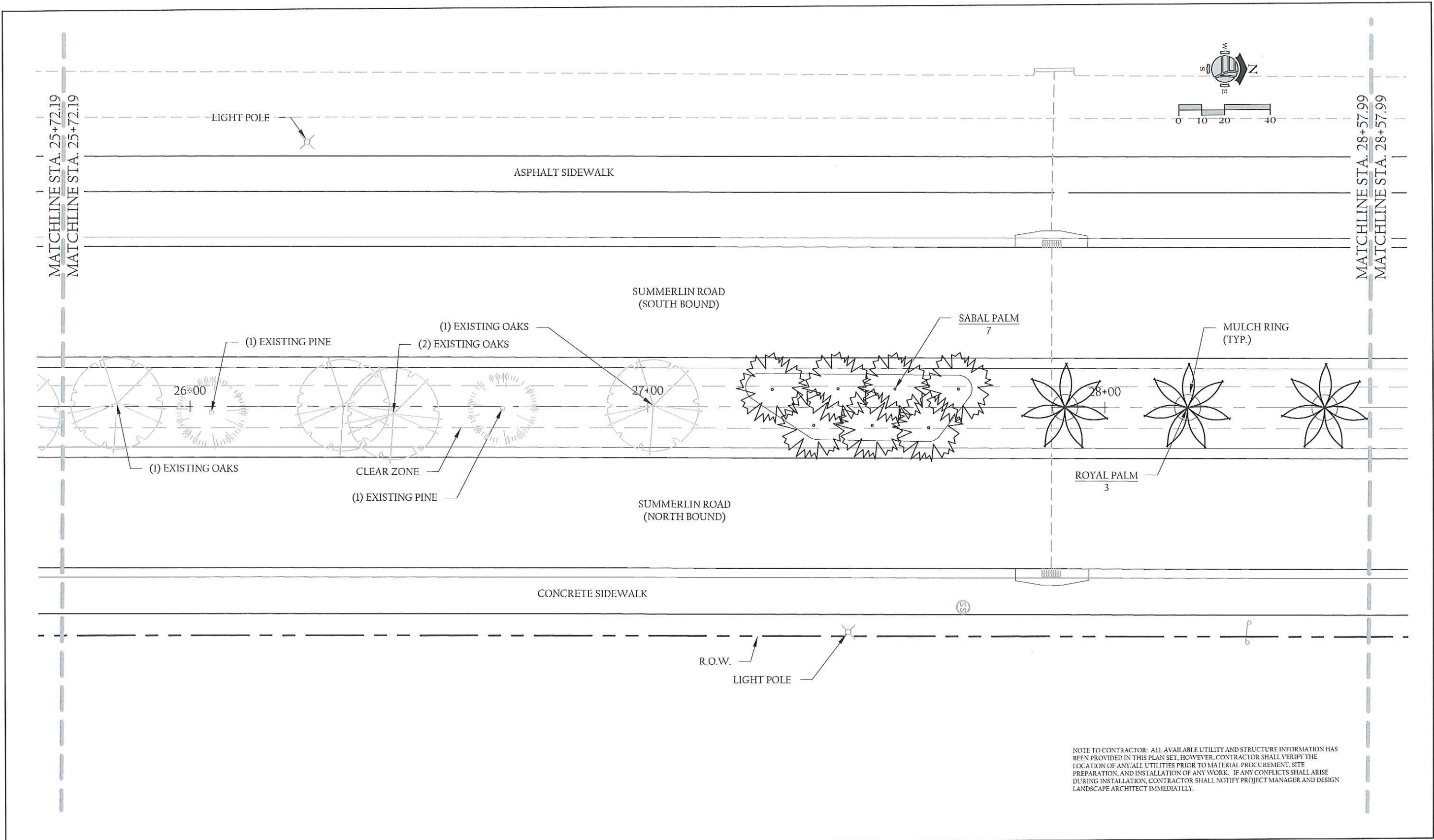
**LANDSCAPE PLAN**  
 (60% SUBMITTAL)

**LA-07**









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**LEE COUNTY**  
 SOUTHWEST  
 FLORIDA  
 DEPARTMENT  
 of  
 TRANSPORTATION  
 PUBLIC WORKS ADMINISTRATION

Project Manager:	JLR
Drawn By:	GVV
Project Number:	110 24
Cad File:	110 24 LSP
Scale:	AS SHOWN
Date:	3-15-16
Issued:	
Status:	

**PROJECT:**  
**SUMMERLIN ROAD**  
**LANDSCAPE PROJECT**  
 FROM BOY SCOUT DRIVE TO COLONIAL BLVD.

REVISION	PLAN REVISIONS DESCRIPTION	DATE

JONATHAN L. ROMINE  
 RLANO LA 666681

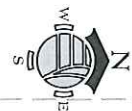
**LANDSCAPE PLAN**  
 (60% SUBMITTAL)

**LA-10**



MATCHLINE STA. 28+57.99  
MATCHLINE STA. 28+57.99

MATCHLINE STA. 31+43.79  
MATCHLINE STA. 31+43.79



0 10 20 40



LIGHT POLE



LIGHT POLE

ASPHALT SIDEWALK

MULCH RING  
(TYP.)

ROYAL PALM  
6

CLEAR ZONE

SUMMERLIN ROAD  
(SOUTH BOUND)

29+00

30+00

31+00

LIMITS OF CLEAR SIGHT - 590'

SUMMERLIN ROAD  
(NORTH BOUND)

LIMITS OF CLEAR SIGHT - 590'

CONCRETE SIDEWALK

R.O.W.


WATER VALVE  
TRAFFIC SIGNAL BOX  
BURIED CABLE SERVICE

LIGHT POLE


BURIED CABLE SERVICE

TRAFFIC SIGNAL BOX

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SOUTHWEST  
FLORIDA  
DEPARTMENT  
of  
TRANSPORTATION  
PUBLIC WORKS ADMINISTRATION

Project Manager:	JLR
Drawn By:	GW
Project Number:	1110 24
Cad File:	1110 24 LSP
Scale:	AS SHOWN
Date:	3-15-16
Issued:	
Status:	

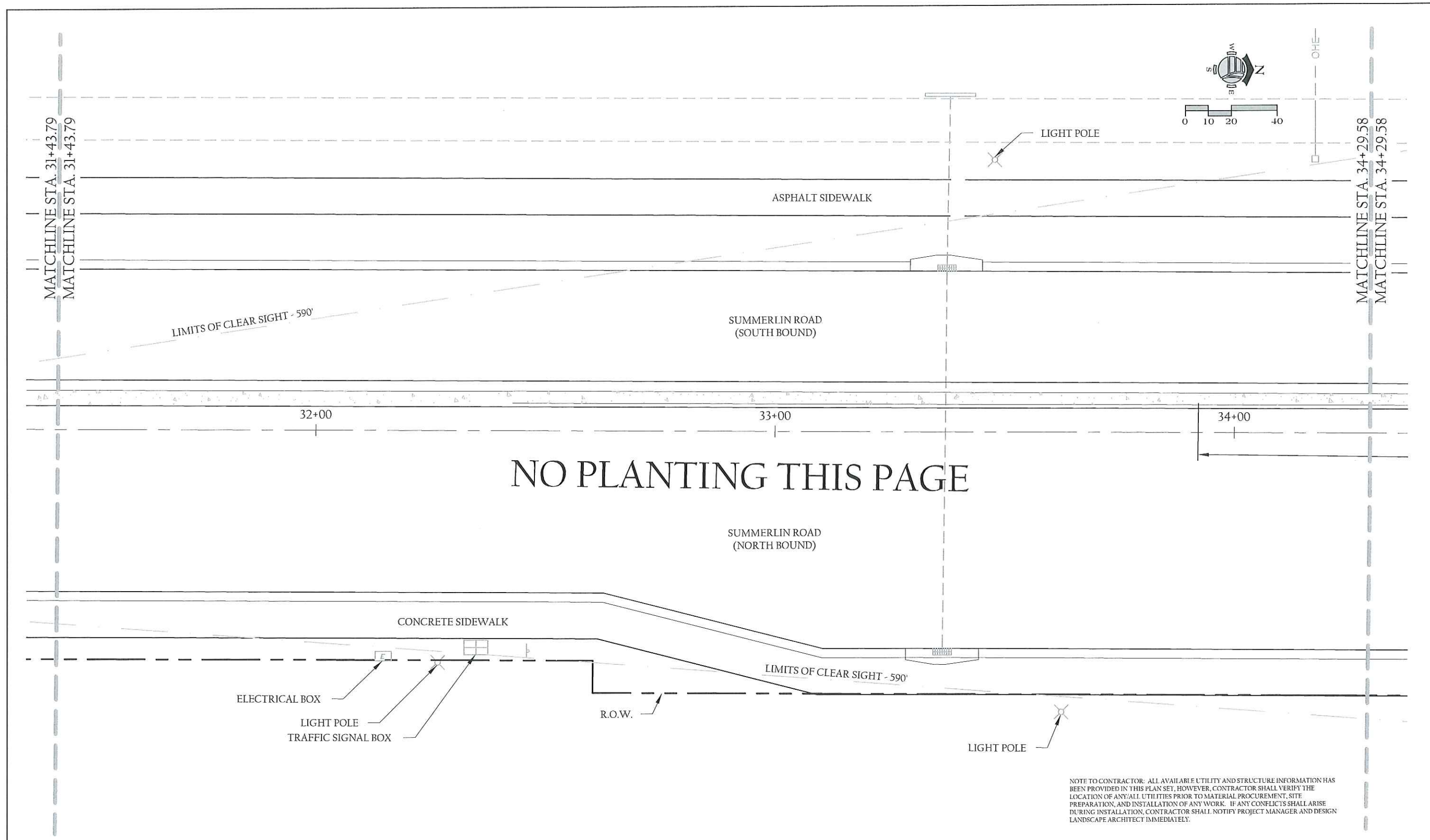
PROJECT:  
SUMMERLIN ROAD  
LANDSCAPE PROJECT  
FROM BOY SCOUT DRIVE TO COLONIAL BLVD.

PLAN REVISIONS		DATE
REVISION	DESCRIPTION	

JONATHAN L. ROXHINE  
R.I.A. NO. LA-6666661

LANDSCAPE PLAN  
(60% SUBMITTAL)

LA-11



NOTE TO CONTRACTOR: ALL AVAILABLE UTILITY AND STRUCTURE INFORMATION HAS BEEN PROVIDED IN THIS PLAN SET, HOWEVER, CONTRACTOR SHALL VERIFY THE LOCATION OF ANY/ALL UTILITIES PRIOR TO MATERIAL PROCUREMENT, SITE PREPARATION, AND INSTALLATION OF ANY WORK. IF ANY CONFLICTS SHALL ARISE DURING INSTALLATION, CONTRACTOR SHALL NOTIFY PROJECT MANAGER AND DESIGN LANDSCAPE ARCHITECT IMMEDIATELY.

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 FB-26544 CALC26000374

**LEE COUNTY**  
 SOUTHWEST  
 FLORIDA  
 DEPARTMENT  
 of  
 TRANSPORTATION  
 PUBLIC WORKS ADMINISTRATION

Project Manager:	JLR
Drawn By:	GW
Project Number:	1110 24
Cad File:	1110 24 LSP
Scale:	AS SHOWN
Date:	3-15-16
Issued:	
Status:	

PROJECT:  
**SUMMERLIN ROAD  
 LANDSCAPE PROJECT**  
 FROM BOY SCOUT DRIVE TO COLONIAL BLVD.

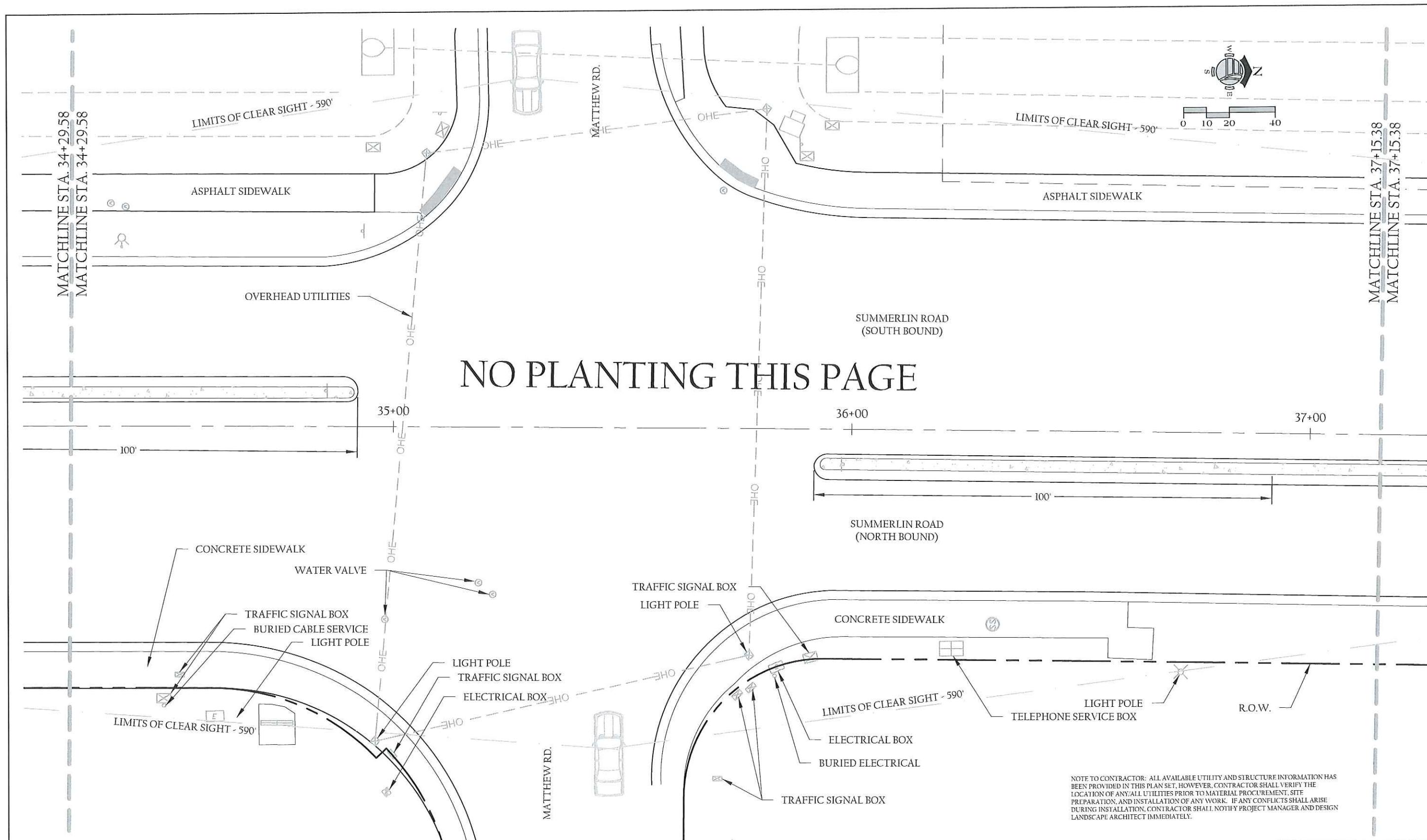
REVISION	PLAN REVISIONS DESCRIPTION	DATE

JONATHAN L. ROMINE  
 RLA NO. LA 6666881

**LANDSCAPE PLAN**  
 (60% SUBMITTAL)

**LA-12**





**ensite**  
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 EB-20514 CALC26000374

**LEE COUNTY**  
 SOUTHWEST  
 FLORIDA  
 DEPARTMENT  
 of  
 TRANSPORTATION  
 PUBLIC WORKS ADMINISTRATION

Project Manager:	JLR
Drawn By:	GW
Project Number:	110 24
Cad File:	110 24 LSP
Scale:	AS SHOWN
Date:	3/15/16
Issued:	
Status:	

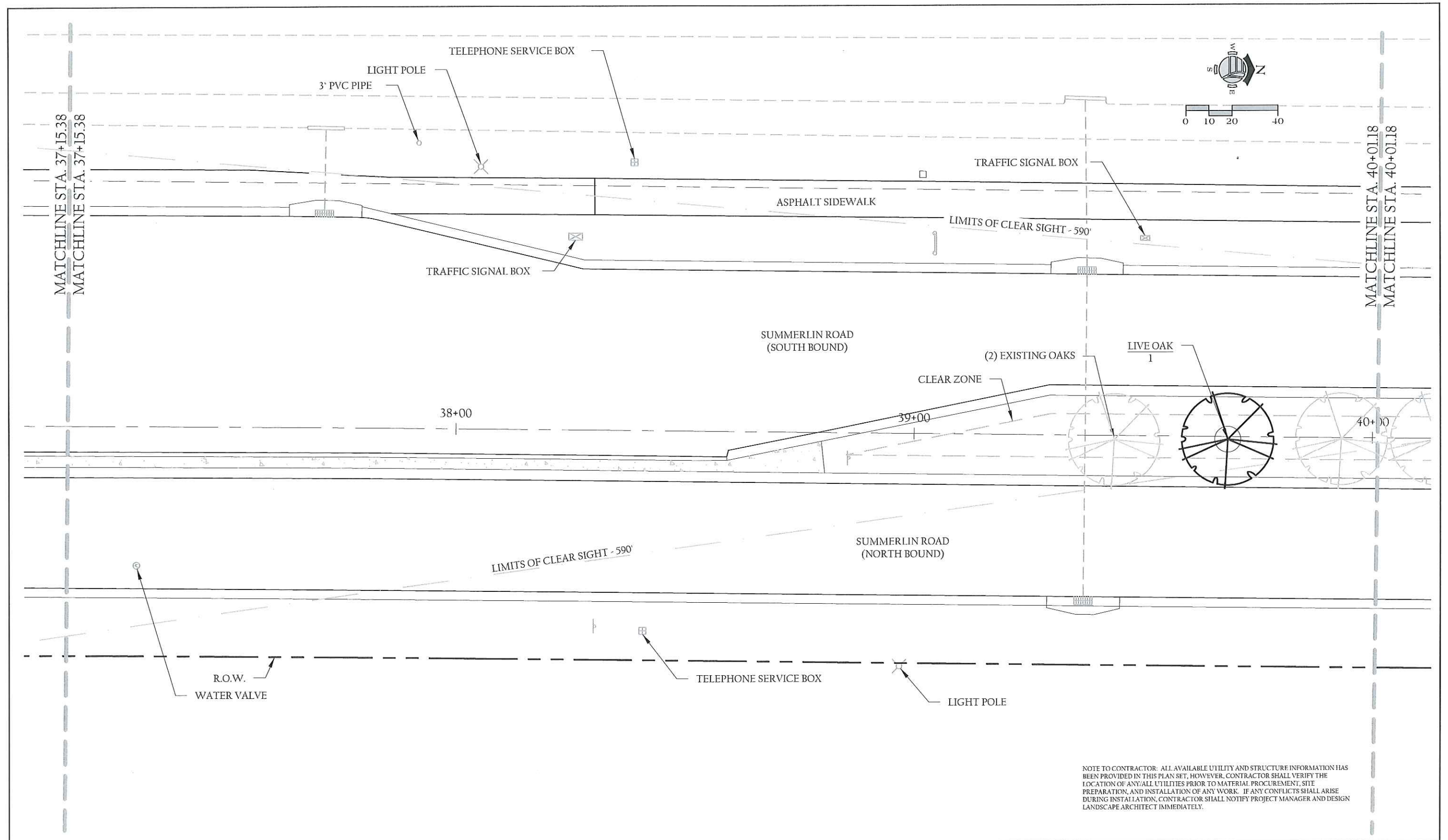
**PROJECT:**  
**SUMMERLIN ROAD**  
**LANDSCAPE PROJECT**  
 FROM BOY SCOUT DRIVE TO COLONIAL BLVD.

REVISION	PLAN REVISIONS DESCRIPTION	DATE

JONATHAN L. ROMINE  
 R.L.A. NO. LA 6666881

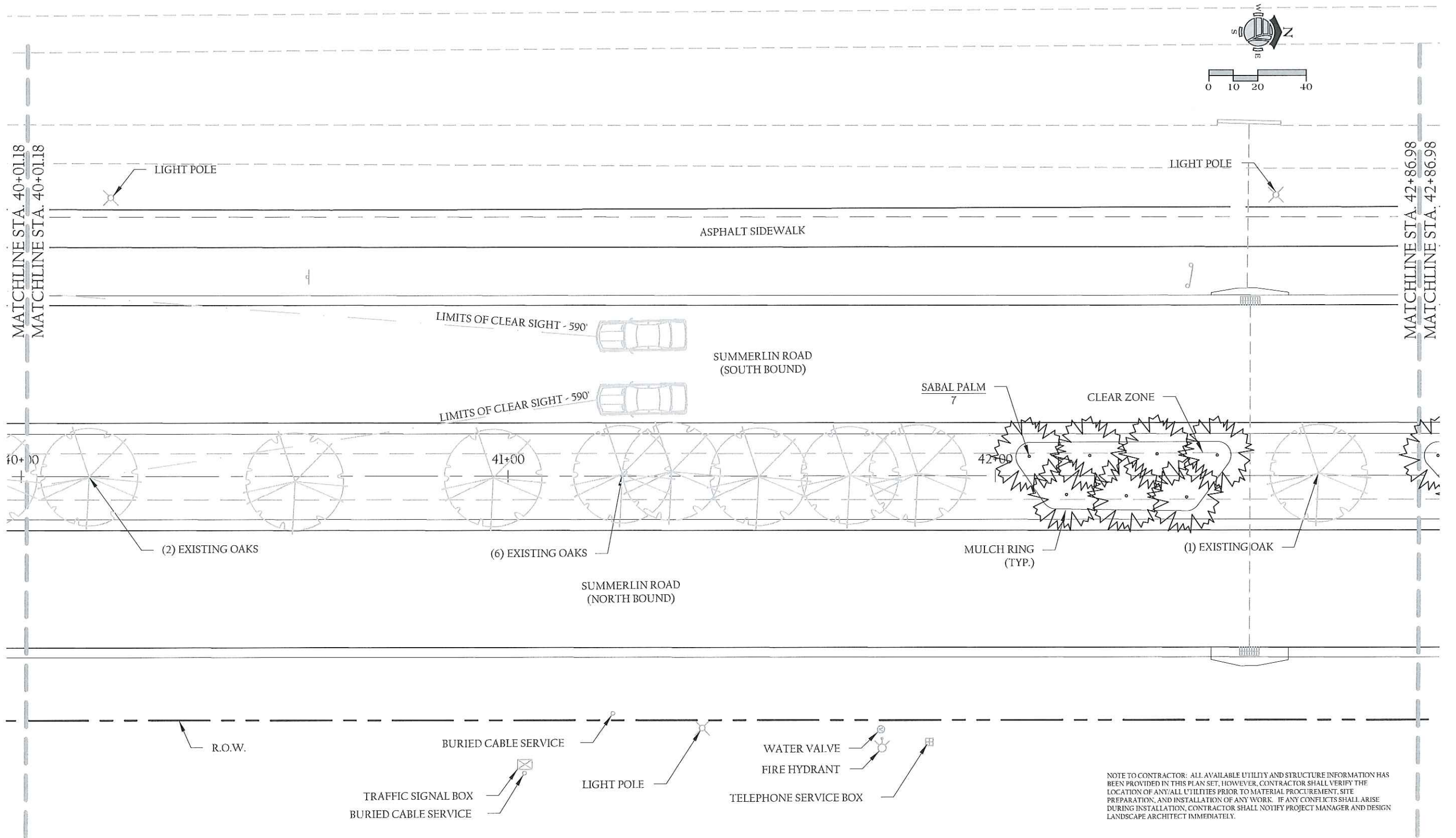
**LANDSCAPE PLAN**  
 (60% SUBMITTAL)

**LA-13**



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 EB 26344 CALC 26000374

**LEE COUNTY**  
 SOUTHWEST  
 FLORIDA  
 DEPARTMENT  
 of  
 TRANSPORTATION  
 PUBLIC WORKS ADMINISTRATION

Project Manager:	JLR
Drawn By:	GW
Project Number:	1110 24
Cad File:	1110 24 LSP
Scale:	AS SHOWN
Date:	3-15-16
Issued:	
Status:	

PROJECT:  
**SUMMERLIN ROAD  
 LANDSCAPE PROJECT**  
 FROM BOY SCOUT DRIVE TO COLONIAL BLVD.

REVISION	PLAN REVISIONS DESCRIPTION	DATE

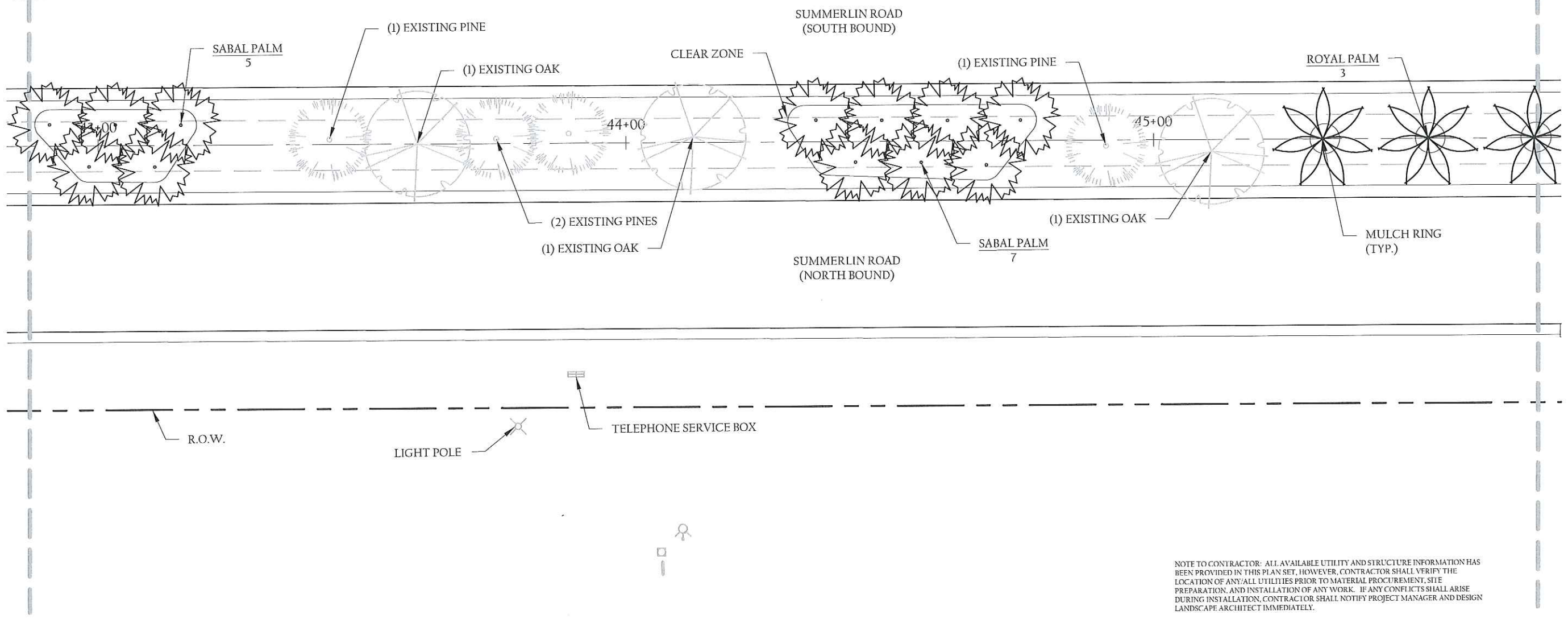
JONATHAN L. ROMINE  
 RIA NO. 1A-6666881

**LANDSCAPE PLAN**  
 (60% SUBMITTAL)

**LA-15**

MATCHLINE STA. 42+86.98  
MATCHLINE STA. 42+86.98

MATCHLINE STA. 45+72.78  
MATCHLINE STA. 45+72.78



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LEE COUNTY  
SOUTHWEST  
FLORIDA  
DEPARTMENT  
of  
TRANSPORTATION  
PUBLIC WORKS ADMINISTRATION

Project Manager:	JLR
Drawn By:	GW
Project Number:	1110 24
Cad File:	1110 24 LSP
Scale:	AS SHOWN
Date:	3/15/16
Issued:	
Status:	

PROJECT:  
**SUMMERLIN ROAD  
LANDSCAPE PROJECT**  
FROM BOY SCOUT DRIVE TO COLONIAL BLVD.

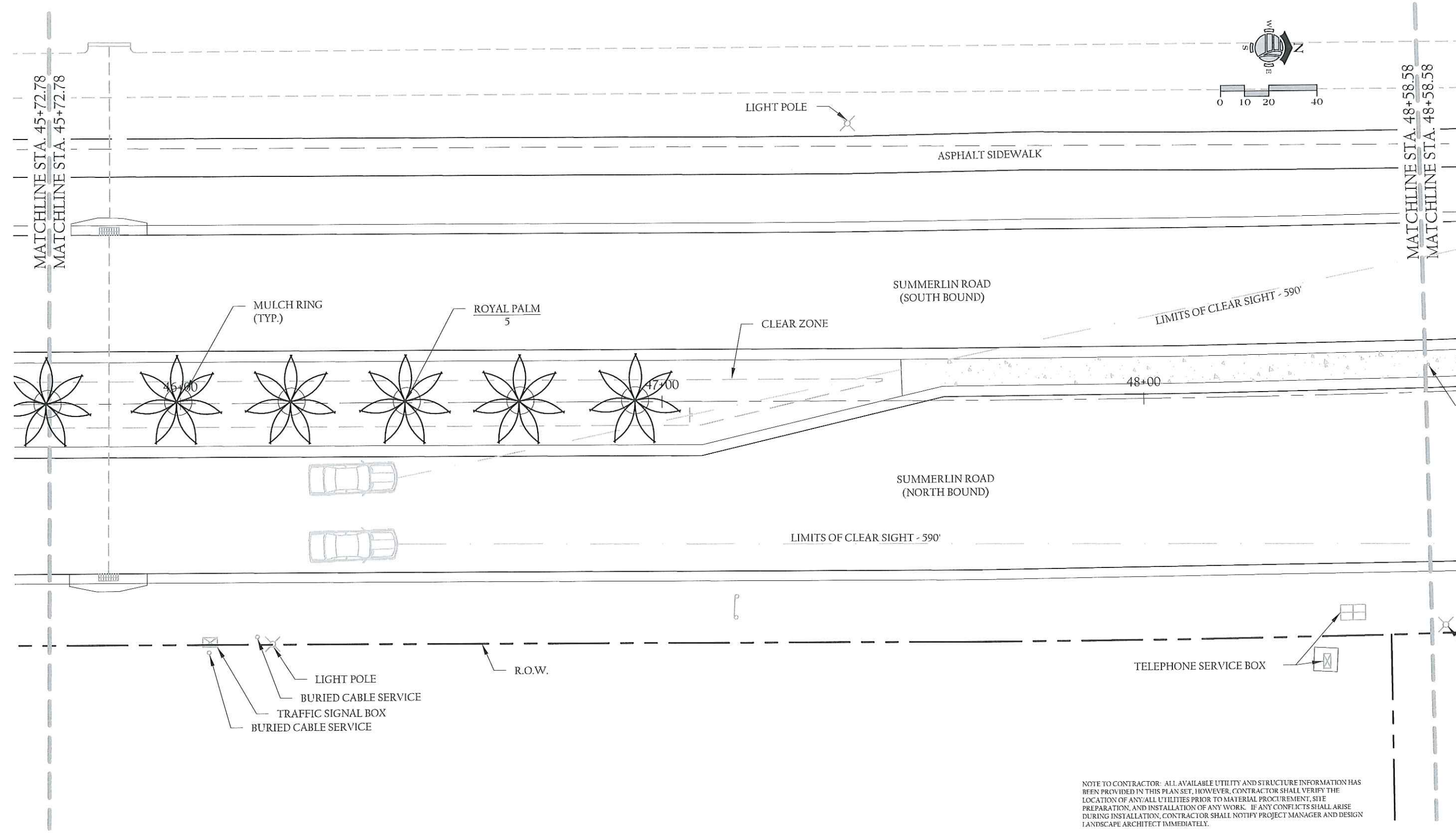
PLAN REVISIONS		DATE
REVISION	DESCRIPTION	

JONATHAN L. ROMINI  
RLA NO. LA-66658

**LANDSCAPE PLAN**  
(60% SUBMITTAL)

**LA-16**





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 FX: (239) 226-0084  
 EB-26544 CA-1 C26000374

**LEE COUNTY**  
 SOUTHWEST  
 FLORIDA  
 DEPARTMENT  
 of  
 TRANSPORTATION  
 PUBLIC WORKS ADMINISTRATION

Project Manager:	JLR
Drawn By:	GW
Project Number:	1110 24
Cad File:	1110 24 LSP
Scale:	AS SHOWN
Date:	3-15-16
Issued:	
Status:	

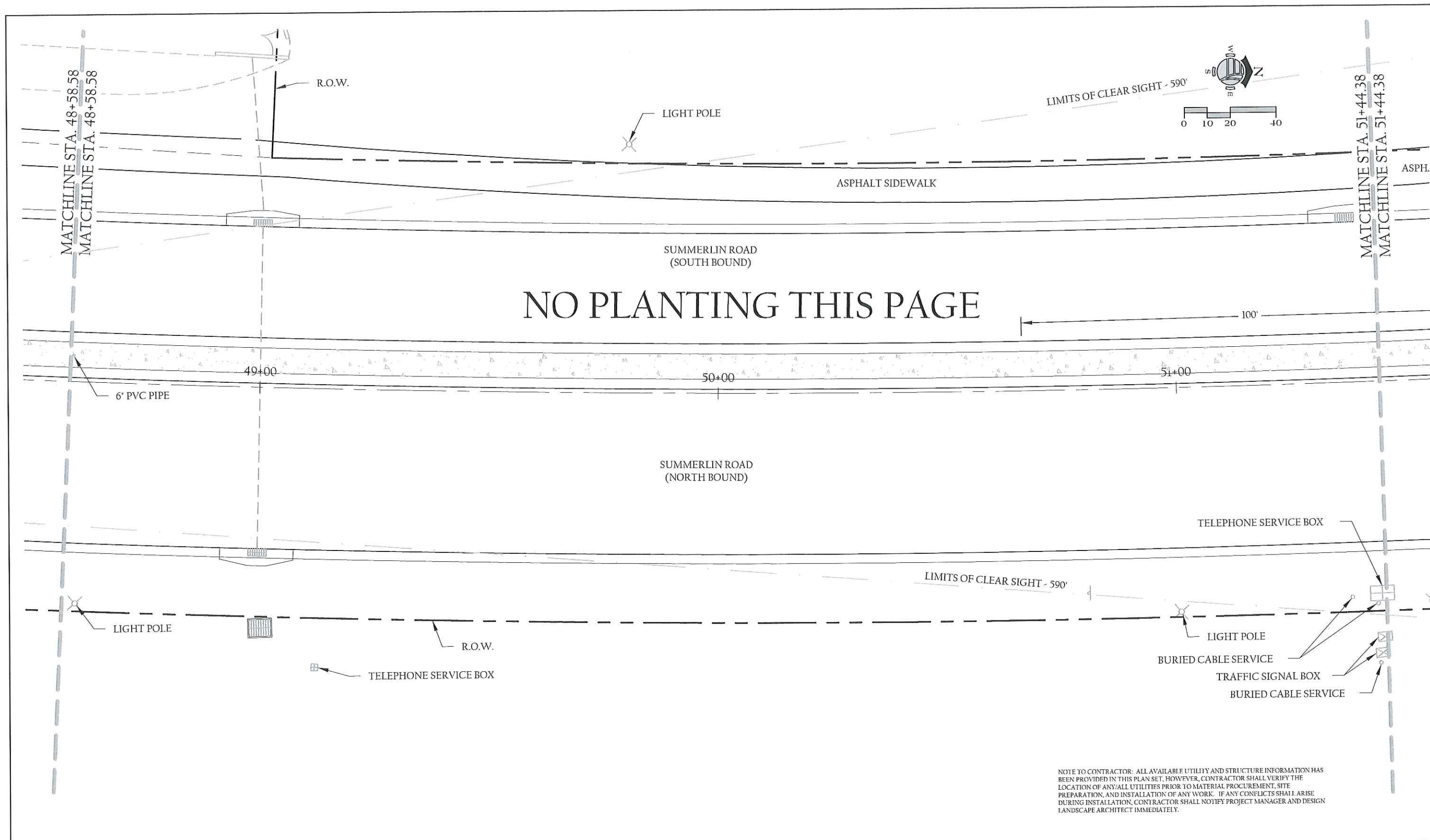
PROJECT:  
**SUMMERLIN ROAD  
 LANDSCAPE PROJECT**  
 FROM BOY SCOUT DRIVE TO COLONIAL BLVD.

REVISION	PLAN REVISIONS DESCRIPTION	DATE

JONATHAN L. ROMINE  
 RIA NO. LA 6666881

**LANDSCAPE PLAN**  
 (60% SUBMITTAL)

**LA-17**



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**LEE COUNTY**  
SOUTHWEST  
FLORIDA  
DEPARTMENT  
of  
TRANSPORTATION  
PUBLIC WORKS ADMINISTRATION

Project Manager:	JLR
Drawn By:	GW
Project Number:	1108-24
Cad File:	1108-24-15P
Scale:	AS SHOWN
Date:	3-15-16
Issued:	
Status:	

PROJECT:  
**SUMMERLIN ROAD  
LANDSCAPE PROJECT**  
FROM BOY SCOUT DRIVE TO COLONIAL BLVD.

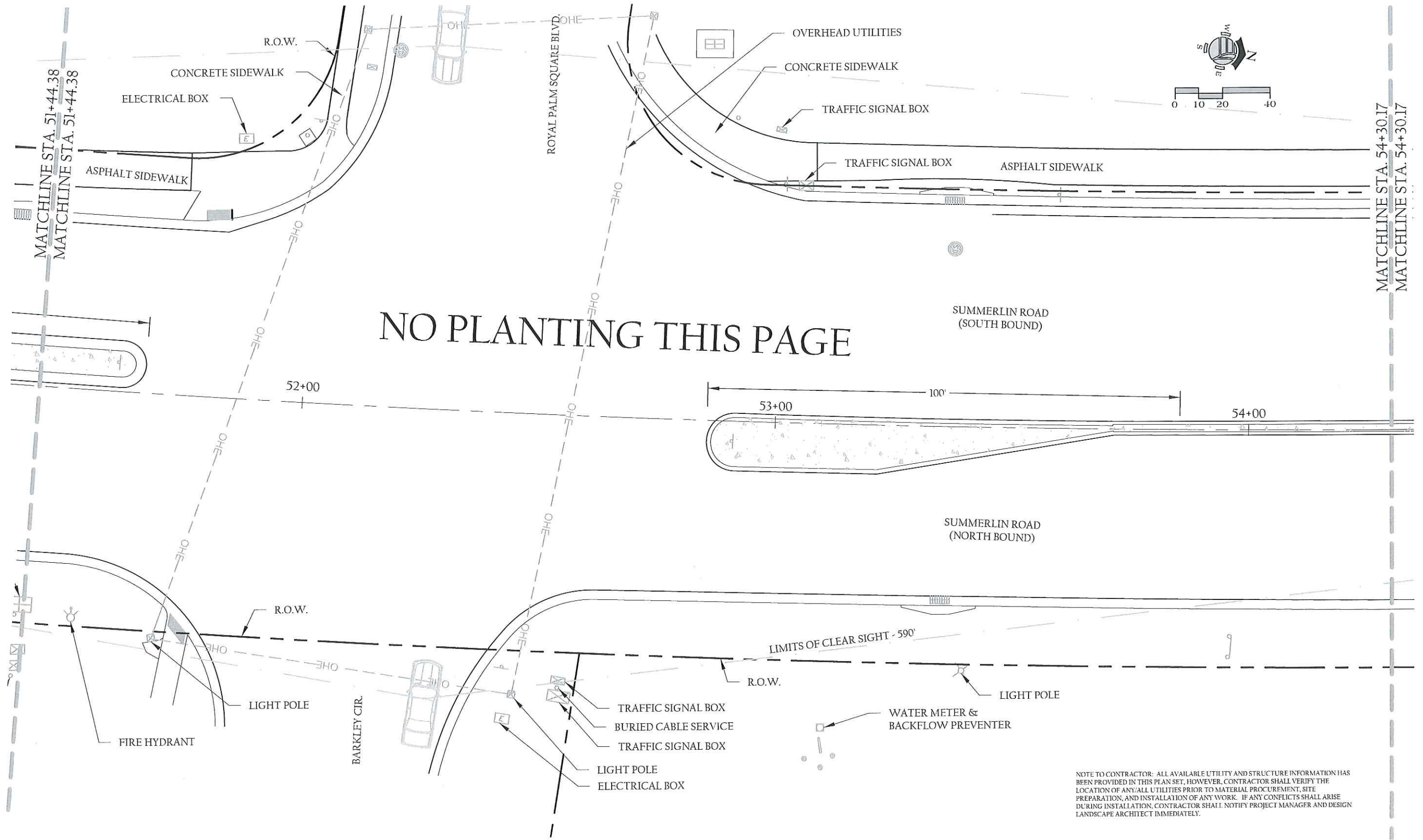
REVISION	PLAN REVISIONS DESCRIPTION	DATE

JONATHAN L. ROMINE  
RLA NO. LA-6666881

**LANDSCAPE PLAN**  
(60% SUBMITTAL)

**LA-18**





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 EB 26544 CAL C26000374

**LEE COUNTY**  
 SOUTHWEST  
 FLORIDA  
 DEPARTMENT  
 of  
 TRANSPORTATION  
 PUBLIC WORKS ADMINISTRATION

Project Manager:	JLR
Drawn By:	GW
Project Number:	1110 24
Cad File:	1110 24 LSP
Scale:	AS SHOWN
Date:	3-15-16
Issued:	
Status:	

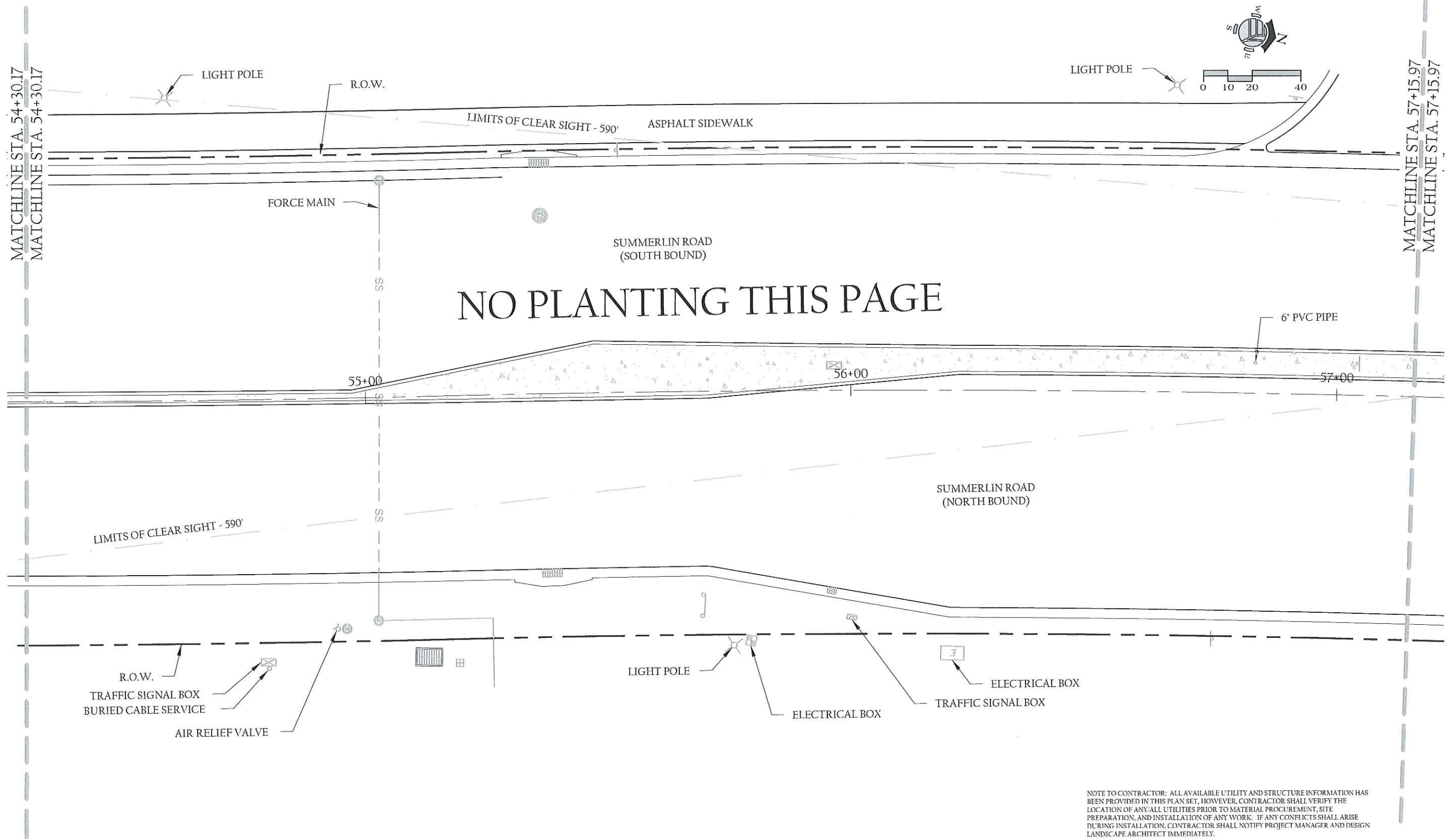
PROJECT:  
**SUMMERLIN ROAD  
 LANDSCAPE PROJECT**  
 FROM BOY SCOUT DRIVE TO COLONIAL BLVD.

REVISION	PLAN REVISIONS DESCRIPTION	DATE

JONATHAN L. ROMINE  
 RLA NO. 1A-6666881

**LANDSCAPE PLAN**  
 (60% SUBMITTAL)

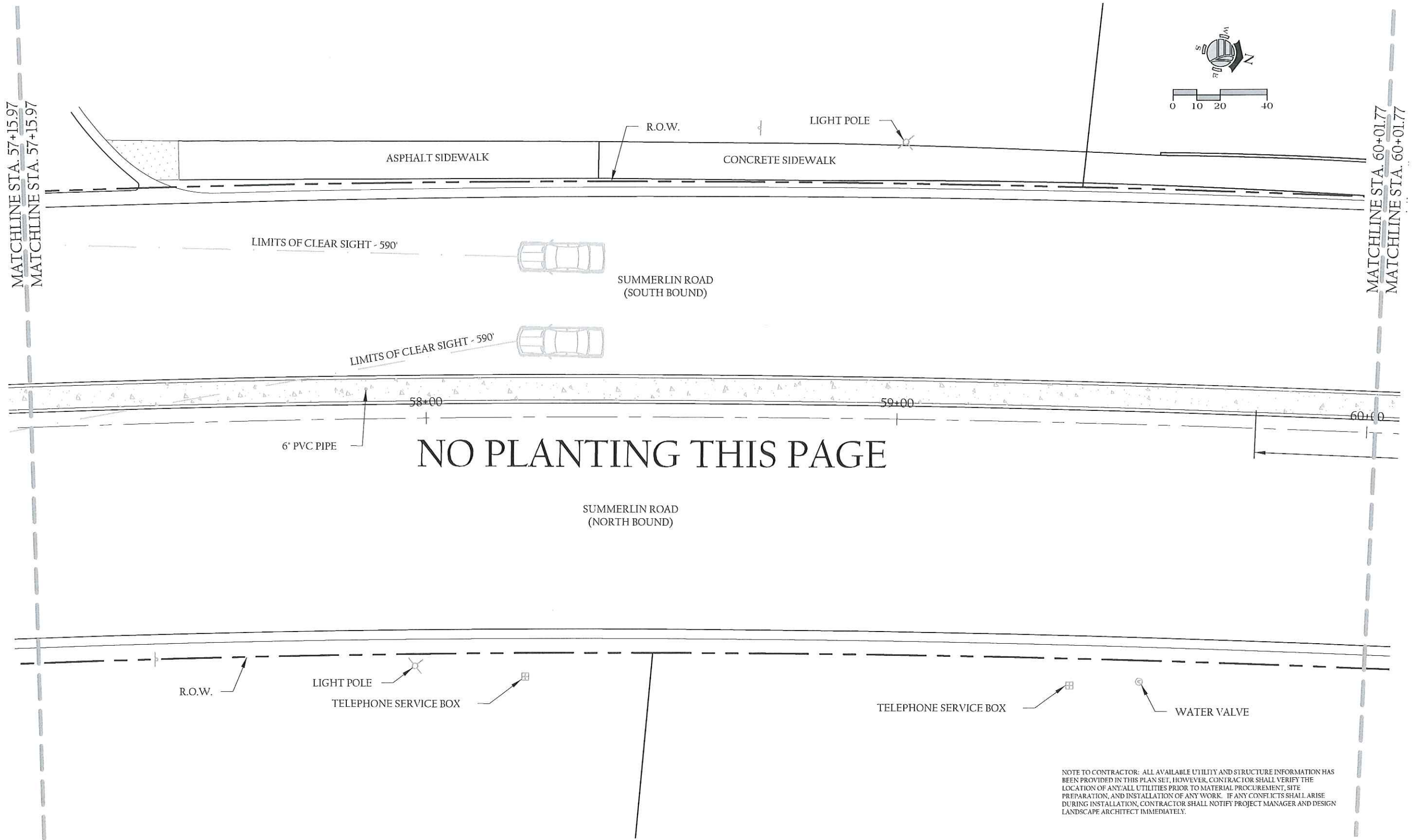
**LA-19**



NO PLANTING THIS PAGE

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NO PLANTING THIS PAGE

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FX: (239) 226-0024  
EB-26541 CALC26000374



LEE COUNTY  
SOUTHWEST  
FLORIDA  
DEPARTMENT  
of  
TRANSPORTATION  
PUBLIC WORKS ADMINISTRATION

Project Manager:	JLR
Drawn By:	GW
Project Number:	1110 24
Cad File:	1110 24 LSP
Scale:	AS SHOWN
Date:	3-13-16
Issued:	
Status:	

PROJECT:  
**SUMMERLIN ROAD  
LANDSCAPE PROJECT**

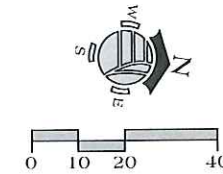
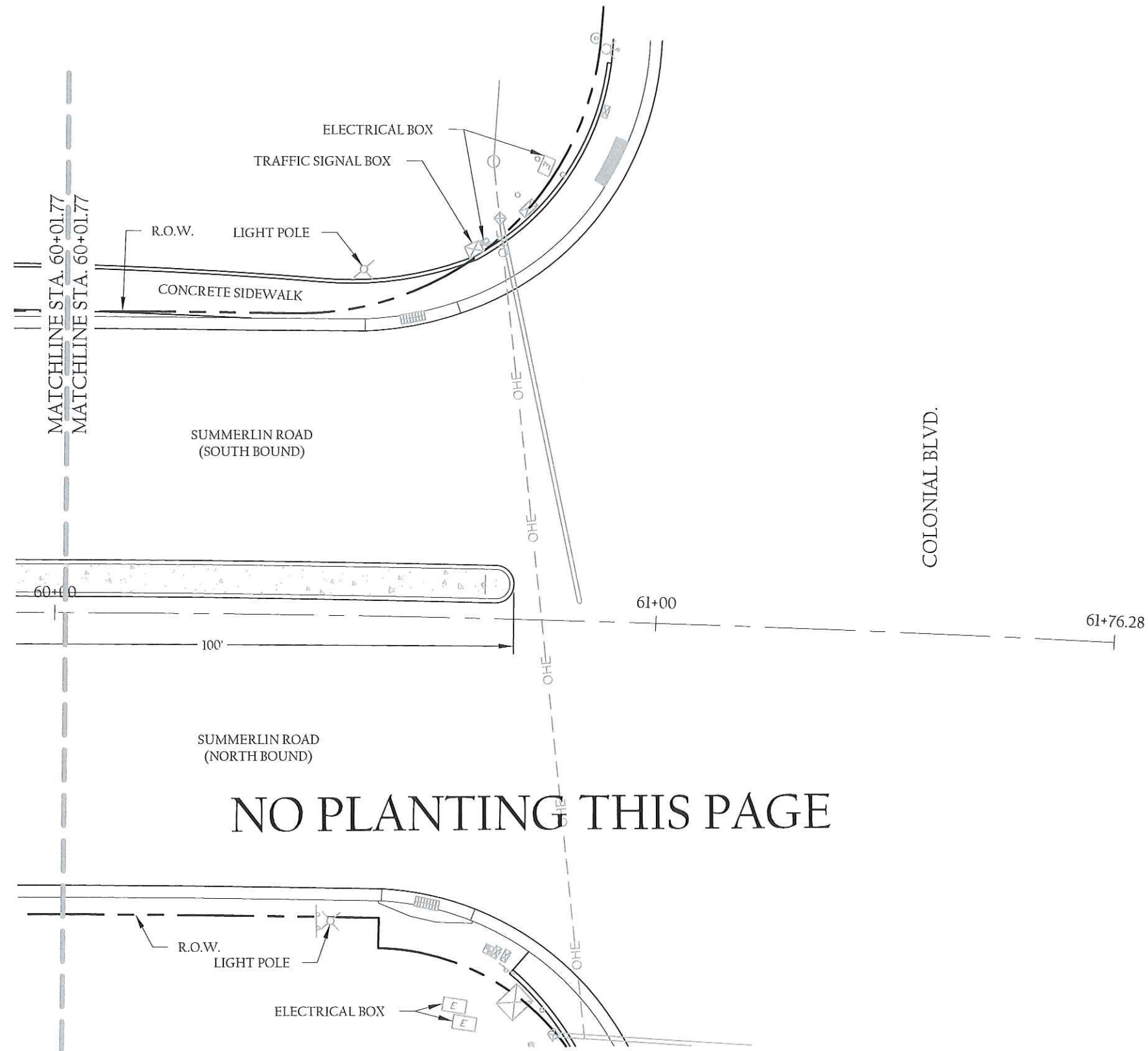
FROM BOY SCOUT DRIVE TO COLONIAL BLVD.

PLAN REVISIONS		DATE
REVISION	DESCRIPTION	

JONATHAN L. ROMINE  
RLA NO. LA 6666881

LANDSCAPE PLAN  
(60% SUBMITTAL)

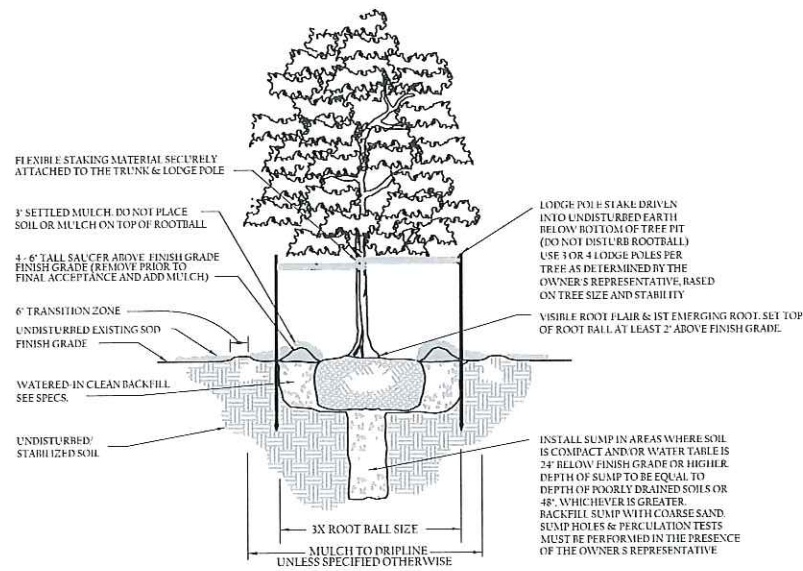
LA-21



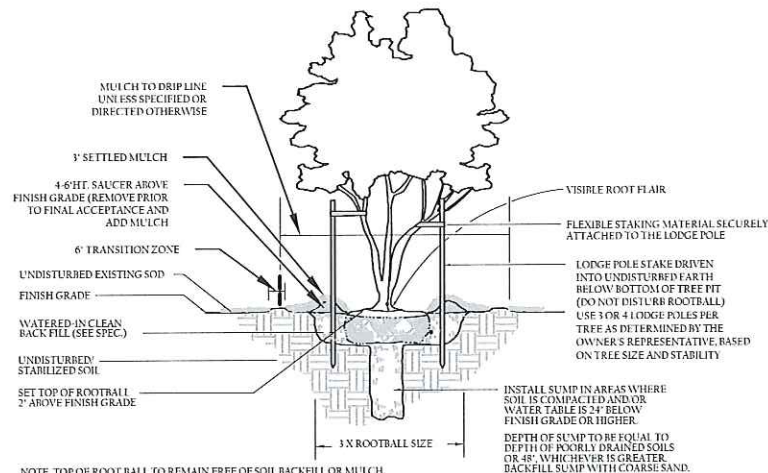
NO PLANTING THIS PAGE

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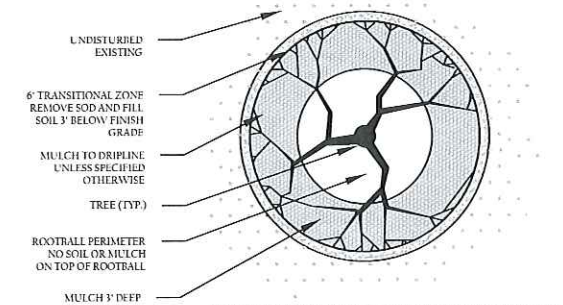




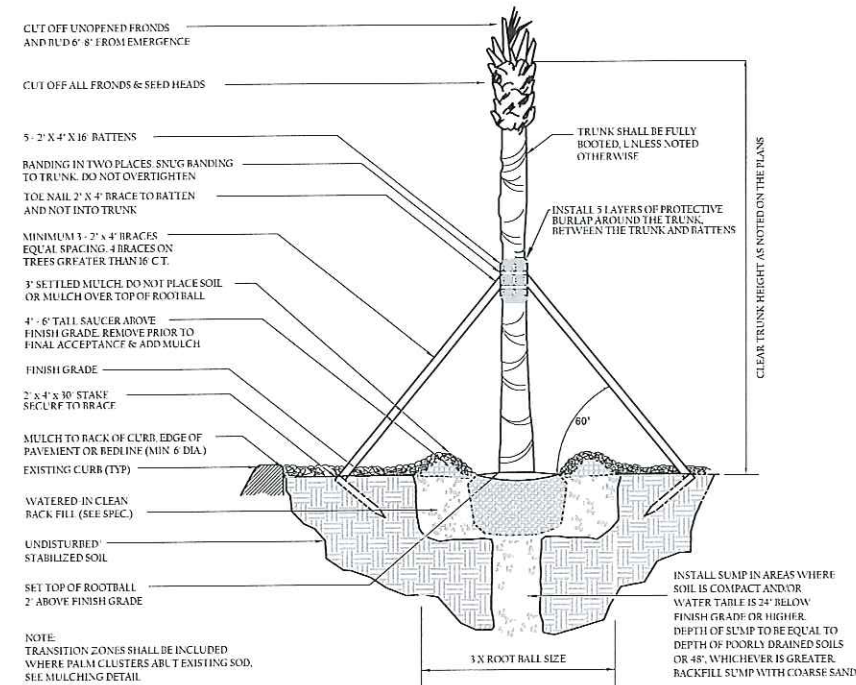
1 SINGLE TRUNK TREE PLANTING DETAIL N.T.S.



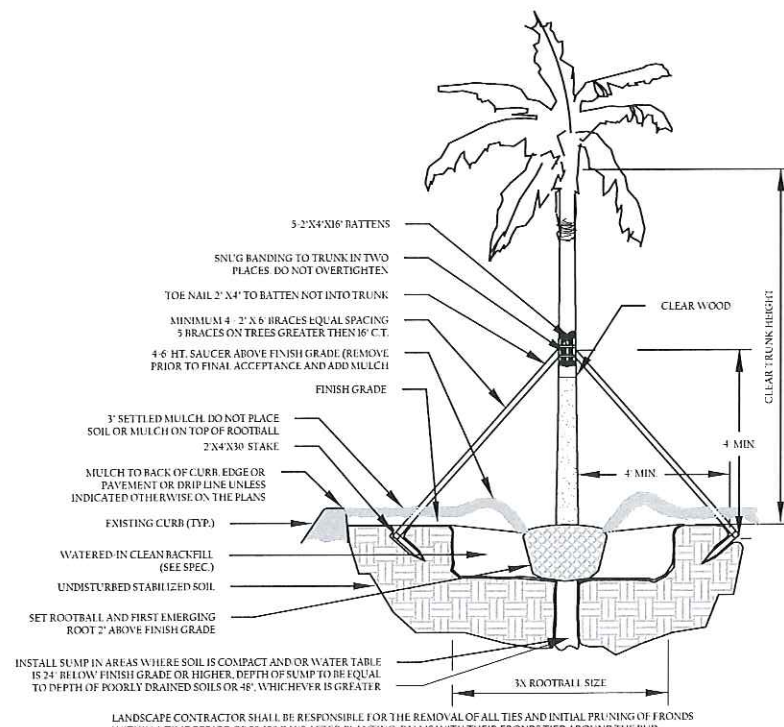
2 MULTI-TRUNK TREE PLANTING DETAIL N.T.S.



3 TREE MULCHING DETAIL N.T.S.

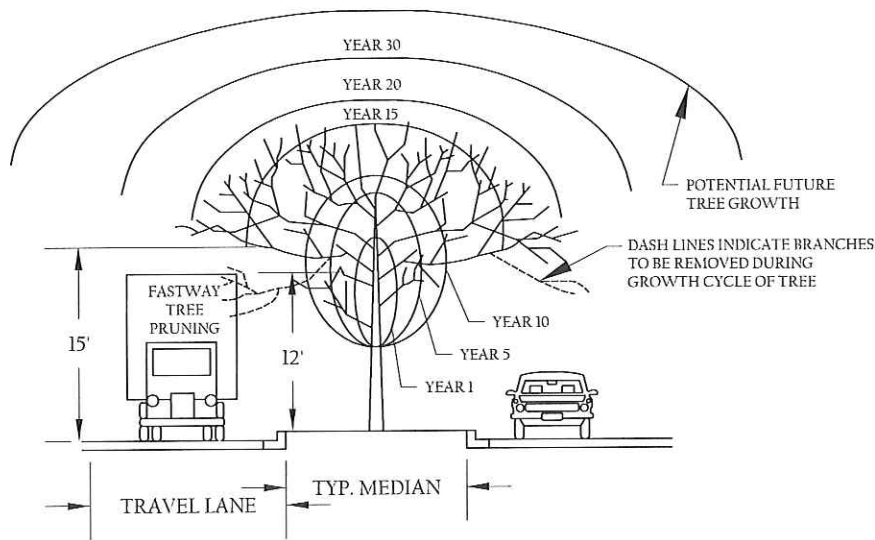


4 SARAI PALM PLANTING DETAIL N.T.S.



5 PINNATE PALM PLANTING DETAIL N.T.S.





CANOPY TREE SPREAD PLANTING AND MAINTENANCE FOR MEDIAN PLANTING ON F.D.O.T. ROADWAYS

1. SELECT SINGLE LEADER YOUNG TREES WITH UPRIGHT GROWTH HABIT.
2. PRUNE LOWER BRANCHES TO REMOVE BRANCHES FROM LOWER PORTION OF TREE. A HEIGHT OF 12 FEET SHALL BE MAINTAINED OVER MEDIAN.
3. AS TREE MATURES REMOVE ALL DOWNWARD GROWING BRANCHES AS DEPICTED BY DASHED LINES IN GRAPHICS ABOVE.
4. INSPECT AND PRUNE TREES EACH YEAR FOR FIRST FIVE (5) YEARS OF PROGRAM PLANTING. INSPECT AND PRUNE EVERY OTHER YEAR THEREAFTER AS REQUIRED. MAINTAINED 15 FEET OF CLEARANCE OVER TRAVEL LANES FOR LIFE OF THE TREE.

1 CANOPY TREE SPREAD PLANTING AND MAINTENANCE SECTION

N.T.S.

## LANDSCAPE NOTES:

PER THE LEE COUNTY ROADWAY LANDSCAPE MASTER PLAN, THIRD EDITION (LANDSCAPE)

1. INSTALLATION OF WORK SHALL BE COORDINATED WITH OTHER CONTRACTORS IN SUCH A MANNER AS TO ALLOW FOR A SAFE, SPEEDY AND ORDERLY COMPLETION OF ALL WORK ON THE SITE.
2. CONTRACTOR IS ADVISED TO REFER TO THE SPECIFICATIONS, CONTRACT DOCUMENTS AND PLAN SHEETS FOR A MORE DETAILED DISCLOSURE OF PERFORMANCE STANDARDS AND REQUIREMENTS.
3. THE CONTRACTOR IS CAUTIONED TO BE AWARE OF UNDERGROUND UTILITIES. PRIOR TO ANY EXCAVATION THE CONTRACTOR SHALL CONTACT THE JOB SITE SUPERINTENDENT, CALL SUNSHINE, CALL LEE COUNTY UTILITIES AND CALL LEE COUNTY TRAFFIC FOR LOCATIONS OF ALL UTILITIES A MINIMUM OF 48 HOURS BEFORE BEGINNING WORK.
4. ALL SOD SHALL BE SAND GROWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINISH GRADING IN SOD AREAS. HAND RAKE PRIOR TO INSTALLING SOD. CONTRACTOR TO CUT IN AND MATCH NEW SOD TO EXISTING SOD. STAGGER JOINTS AND CLOSE ALL GAPS. ALL SOD TO BE ROLLED IMMEDIATELY AFTER INSTALLATION. ALL SOD SHALL BE CERTIFIED AS BEING FREE OF THE WEED TROPICAL SODA APPLE. (SOILANUM VIARUM)
5. CONTRACTOR SHALL APPLY A MINIMUM OF 2 APPLICATIONS OF APPROVED HERBICIDE TO EXISTING TURFGRASS AREAS WHERE IT WILL BECOME A PLANTED OR MULCHED AREA AS A RESULT OF THIS PROJECT. HERBICIDE MUST BE APPLIED BEFORE COMMENCING ANY GRADING OPERATIONS. CONTRACTOR SHALL REVIEW KILL WITH OWNER'S REPRESENTATIVE FOR APPROVAL. ALL HERBICIDES MUST BE APPLIED BY LICENSED APPLICATORS AND PER THE MANUFACTURER'S RECOMMENDED RATES AND INSTRUCTIONS. POST ALL APPLICATION NOTICES.
6. CONTRACTOR SHALL INSTALL ALL SOIL AS REQUIRED BY THE PROJECT. CONSTRUCT ANY BERMING TO BLEND IN WITH EXISTING GRADE. ALL SOIL MATERIAL SHALL BE CLEAN SOIL SUITABLE FOR PLANT GROWTH. SUBMIT SOIL SAMPLE TO OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL. ALL AREAS TO BE GRADED SHALL RECEIVE A SMOOTH UNIFORM HAND GRADE. NO SOIL IS TO BE PLACED AROUND EXISTING TREES.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL EXCESS SOIL AND DEBRIS FROM THE INSTALLATION OF THIS PROJECT, AND IT SHALL BE TAKEN TO A LAWFUL DISPOSAL SITE.
8. MULCH ALL NEWLY PLANTED AREAS AND AREAS TO RECEIVE MULCH WITH A SETTLED 3" DEPTH OF THE SPECIFIED RECYCLED MULCH. TREES AND PALMS WITHIN AREAS OF TURFGRASS SHALL BE MULCHED TO THEIR DRIPLINE OR STAKES, WHICHEVER IS GREATER. STAKES SHALL BE AT LEAST 6" INSIDE THE MULCHED RING.
9. THE CONTRACTOR SHALL HAND WATER ALL PLANT MATERIAL DAILY UNTIL SUBSTANTIAL COMPLETION. THE CONTRACTOR SHALL BE LIABLE FOR REPLACING PLANT MATERIALS EXPERIENCING TRANSPLANT SHOCK OR IMPROPER CARE, AT ANYTIME DURING THE COURSE OF THE CONTRACT PERIOD.
10. CONTRACTOR SHALL REPAIR ANY AREAS DISTURBED DURING THE COMPLETION OF WORK.
11. ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS FOR FLORIDA NUMBER 1 OR BETTER AS ESTABLISHED IN 'GRADES AND STANDARDS FOR NURSERY PLANTS', STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE.
12. ALL PLANT MATERIAL MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE.
13. CONTRACTOR SHALL STAKE ALL TREES AND PALMS PER THE STAKING DETAILS.
14. ALL TREE RINGS AND MULCHED AREAS EVIDENCING WEED GROWTH SHALL BE SPRAYED WITH THE APPROVED HERBICIDE AT THE MANUFACTURER'S RECOMMENDED APPLICATION RATE. MULCHED AREAS SHALL REMAIN WEED FREE UNTIL FINAL ACCEPTANCE.
15. THE OWNER RESERVES THE RIGHT TO MODIFY PLANT PLACEMENT IN THE FIELD AS CONDITIONS DICTATE.
16. PLANT MATERIAL SHALL BE INSTALLED CONCURRENT WITH THE IRRIGATION SYSTEM.
17. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO COMMENCING ANY WORK.
18. THE ROOT FLAIR AND ORIGIN OF THE FIRST EMERGING ROOT OF THE ROOT BALL SHALL BE AT LEAST 2" ABOVE FINISH GRADE AND VISIBLE AT INSPECTION. IF NOT, THE TREE WILL BE REJECTED.

## TREE & PALM PLANTING NOTES:

1. PREPARE PLANTING HOLE TO ANSI 300 STANDARDS.
2. INSTALL TREE SUMP PER PLANTING DETAIL.
3. REMOVE EXCESS SOIL FROM TOP OF ROOTBALL, EXPOSING ROOT FLARE AND UPPER MOST ROOTS.
4. PLACE ROOTBALL IN THE HOLE AND STRAIGHTEN PLANT, INSURING THE ROOT FLARE AND TOP ROOT OF THE ROOTBALL IS AT LEAST 2" ABOVE FINISHED GRADE.
5. BALLED AND BURLAPPED MATERIAL:
  - a. REMOVE BURLAP AND TWINE/ROPE FROM TRUNK AND TOP OF ROOTBALL.
  - b. GENTLY REMOVE ALL NON-BIODEGRADABLE MATERIAL FROM THE ROOTBALL AND PLANT.
  - c. WIRE BASKETS: GENTLY BEND DOWN OR REMOVE WIRE FROM TOP OF ROOTBALL AND WHERE IT IS BELOW FINISH GRADE.
6. CONTAINER MATERIAL:
  - a. MAKE 3 TO 6 VERTICAL SLICES TO THE INSIDE OF THE ROOTBALL ADJACENT TO THE TRUNK.
  - b. MAKE COMPLETE SLICES PARALLEL TO THE SIDES OF THE ROOTBALL, 1' - 2' FROM THE EDGE OF THE ROOTBALL AND COMPLETELY AROUND THE PERIMETER OF THE ROOTBALL.
7. BACKFILL 25% OF THE HOLE DEPTH. WATER AND TAMP IN WHILE MAINTAINING THE PLANT IN A VERTICAL POSITION.
8. BACKFILL AN ADDITIONAL 25% OF THE HOLE DEPTH. WATER AND TAMP IN WHILE MAINTAINING THE PLANT IN A VERTICAL POSITION.
9. BACKFILL AN ADDITIONAL 25% OF THE HOLE DEPTH. WATER AND TAMP IN WHILE MAINTAINING THE PLANT IN A VERTICAL POSITION.
10. BACKFILL THE REST OF THE HOLE TO THE TOP OF THE ROOTBALL AND THOROUGHLY WATER IN, MAINTAINING THE PLANT IN A VERTICAL POSITION.
11. ADD 3" OF THE SPECIFIED MULCH FROM THE PERIMETER OF THE ROOTBALL TO THE DRIPLINE, CURB, BED DEMARCATION LINE OR AS NOTED ON THE PLANS.
12. ANY DEVIATION FROM THE ABOVE PROCESS OR IMPROPER HANDLING WILL NOT BE CONSIDERED AS INDUSTRY STANDARDS AND WILL BE CAUSE FOR REJECTION OF WORK.
13. ONLY PLANTS WITH PROPERLY PRUNED ROOT SYSTEMS WILL BE ACCEPTED.
14. BALLED AND BURLAPPED TREES MUST HAVE THEIR CANOPY PROPERLY HARDENED-OFF FOR ACCEPTANCE.
15. TREES WITH CENTER STAKES WILL NOT BE ACCEPTED.

## SITE MAINTENANCE PROGRAM:

1. FROM THE NOTICE-TO-PROCEED DATE, A COMPREHENSIVE MAINTENANCE PROGRAM FOR ALL PLANT MATERIALS, IRRIGATION COMPONENTS AND ALL OTHER ITEMS INSTALLED OR TO BE MAINTAINED BY THE CONTRACTOR, SHALL COMMENCE AND CONTINUE DURING THE DURATION OF THE INSTALLATION AND MAINTENANCE PHASES OF THE CONTRACT AND UNTIL FINAL COMPLETION AND ACCEPTANCE BY LEE COUNTY. PLEASE REFER TO THE LANDSCAPE WORK AND SITE MAINTENANCE SECTIONS OF THE SPECIFICATIONS FOR FURTHER INFORMATION.
2. SITE MAINTENANCE TASKS INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING TASKS:
  - a. MAINTAIN ALL NEWLY PLANTED MATERIALS BY WATERING, PRUNING, CULTIVATING, FERTILIZING AND WEEDING FOR HEALTHY GROWTH AND WEED FREE PLANTING AND MULCHED AREAS
  - b. RESTORE PLANTING SAUCERS, TIGHTEN AND REPAIR STAKING MATERIALS, RESET TREES OR PALMS TO PROPER GRADE ELEVATION AND VERTICAL POSITION
  - c. LITTER PICKUP AND REMOVAL
  - d. TREAT INSECT AND DISEASE ISSUES IN ORDER TO PROMOTE HEALTHY PLANT GROWTH AND BY UTILIZING INTEGRATED PEST MANAGEMENT, BEST MANAGEMENT PRACTICES AS APPROVED BY THE OWNER'S REPRESENTATIVE.
  - e. MAINTAIN ALL IRRIGATION SYSTEM COMPONENTS IN A FULLY OPERABLE CONDITION. CHECK FOR LINE BREAKS AND LEAKS, CLEAN FILTERS AND BUBBLER SCREENS OF DEBRIS AND CHECK FOR PROPER WATER DISTRIBUTION
  - f. PROVIDE REPORTS TO OWNER'S REPRESENTATIVE DETAILING MAINTENANCE WORK COMPLETED AND OTHER PERTINENT INFORMATION FOLLOWING EACH SITE VISIT
  - g. ROUTING MOWING OF MEDIANS AND ROADSIDES, UNLESS NOTED OTHERWISE
  - h. EDGING BED LINES AND BACK-OF-CURBS/EDGE OF PAVEMENT
  - i. SOIL TESTING
  - j. REMULCHING AND REMOVING ANY MULCH FROM PAVED SURFACES
  - k. PLANT REPLACEMENTS