CONTRACT PLANS COMPONENTS

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
SIGNALIZATION PLANS
LIGHTING PLANS

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEYSHEET
2	SIGNATURE SHEET
3	TYPICAL SECTION
4	TYPICAL SECTION DETAILS
5 - 6	DRIVEWAY DETAILS
7 - 8	PEDESTRIAN REFUGE DETAILS
9	MAST ARM FOUNDATION CONCRETE APRON DETAIL
10	CONCRETE BOLLARD DETAIL
11	SUMMARY OF DRAINAGE STRUCTURES
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13	PROJECT NETWORK CONTROL
14	GENERAL NOTES
15 - 17	ROADWAY PLANS
18 - 19	INTERSECTION DETAIL - 37TH ST.
20	TTCP PROJECT NOTES
21	TTCP SIGNING DETAIL
22 - 25	TTCP TYPICAL SECTIONS
26	PHASE V - VII TTCP LAYOUT
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30	TTCP RAMP CLOSURE DETOUR
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37	LANDSCAPE NOTES
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41	LANDSCAPE DETAILS
SQ-1 - SQ-26	SUMMARY OF QUANTITIES
SQ-27	TABULATION OF QUANTITIES AND PLANT SCHEDULE

DEVELOPMENTAL STANDARD PLANS:
D550-804 PEDESTRIAN CHANNELIZATION BARRIER

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2021 - 2022 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: http://www.fdot.gov/design/standardplans

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, JULY 2021 Standard Specifications for Road and Bridge Construction at the following website: http://www.fdot.gov/programmanagement/Implemented/SpecBooks

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

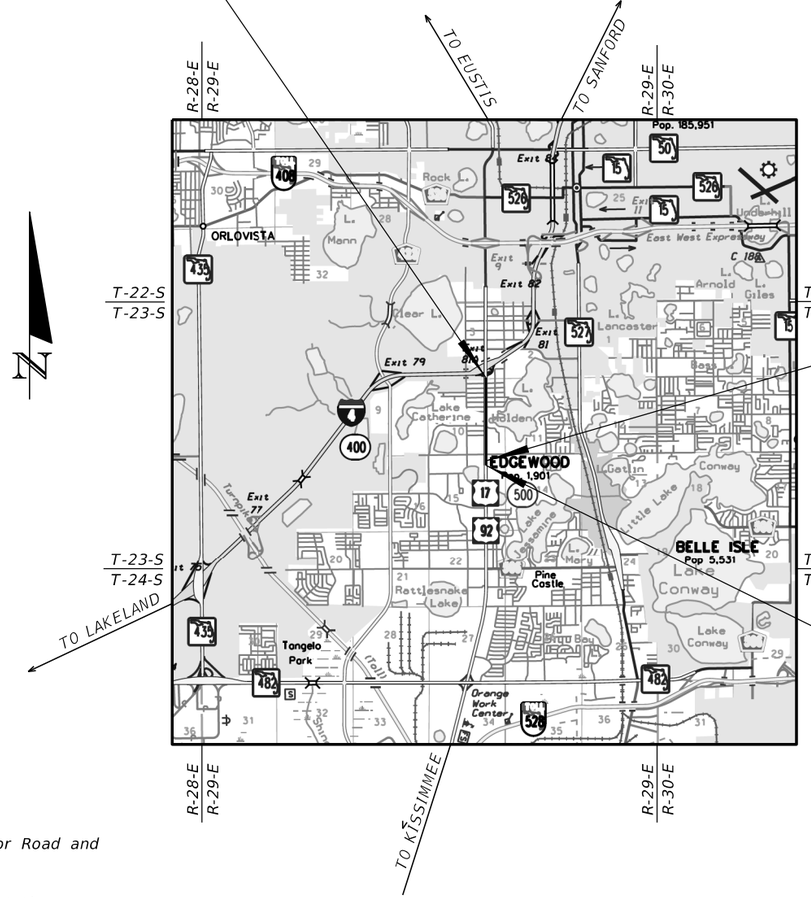
CONTRACT PLANS

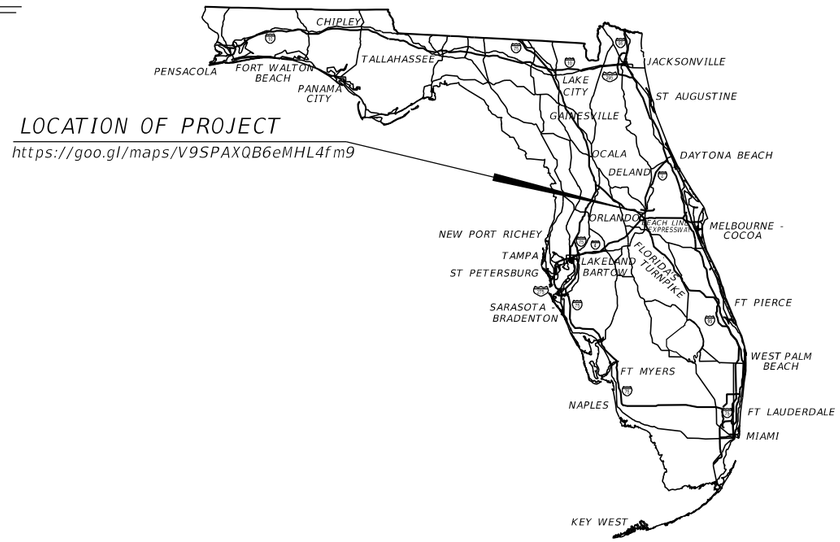
FINANCIAL PROJECT ID 447395-1-52-01

ORANGE COUNTY (75010)

STATE ROAD NO. 500
ORANGE BLOSSOM TRAIL (US 17/92/441)

END PROJECT
END MILLING &
RESURFACING
STA. 66+02.69
75010 (SR 500)





ROADWAY PLANS
ENGINEER OF RECORD:

LORI B. EPPERSON, P.E.
P.E. NO.: 84291
FLORIDA DEPARTMENT OF TRANSPORTATION
719 S. WOODLAND BOULEVARD
DELAND, FL 32720
386-943-5538

FDOT PROJECT MANAGER:

STEVEN C. BUCK, P.E.

PLANS PREPARED BY:

ALEXANDRA HOLTKAMP, E.I.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
E52B4	22	1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Lori B Epperson

Digitally signed by Lori B Epperson
Date: 2021.10.18 13:11:41 -04'00'

ON THE DATE ADJACENT TO THE SEAL.

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FLORIDA DEPARTMENT OF TRANSPORTATION
719 S. WOODLAND BOULEVARD
DELAND, FL 32720
LORI B. EPPERSON, P.E. NO. 84291

LORI B. EPPERSON LICENSE No 84291 STATE OF FLORIDA PROFESSIONAL ENGINEER

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	TYPICAL SECTION
4	TYPICAL SECTION DETAILS
5 - 6	DRIVEWAY DETAILS
7 - 8	PEDESTRIAN REFUGE DETAILS
13	PROJECT NETWORK CONTROL
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18 - 19	INTERSECTION DETAIL - 37TH ST
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26	PHASE V - VII TTCP LAYOUT
27 - 29	PHASE V - VII TTCP DETAILS
30	TTCP RAMP CLOSURE DETOUR
31	TTCP RAMP CLOSURE DETAIL
32 - 33	PEDESTRIAN TTCP
SQ-1 - SQ-26	SUMMARY OF QUANTITIES

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Patrick B Nevah
2021.10.18 17:52:26 -04'00'

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AECOM TECHNICAL SERVICES, INC.
7650 W. COURTNEY CAMPBELL CSWY
TAMPA, FL 33607
PATRICK B. NEVAH, P.E. NO. 72369
CERTIFICATE OF AUTHORIZATION: 8115

PATRICK B. NEVAH LICENSE No 72369 STATE OF FLORIDA PROFESSIONAL ENGINEER

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
9	MAST ARM FOUNDATION APRON DETAIL SHEET

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Patrick R McConaghy

Digitally signed by Patrick R McConaghy
Date: 2021.10.18 16:41:13 -04'00'

ON THE DATE ADJACENT TO THE SEAL.

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FLORIDA DEPARTMENT OF TRANSPORTATION
719 S. WOODLAND BOULEVARD
DELAND, FL 32720
PATRICK McCONAGHY, P.E. NO. 57535

PATRICK McCONAGHY LICENSE No 57535 STATE OF FLORIDA PROFESSIONAL ENGINEER

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
11	SUMMARY OF DRAINAGE STRUCTURES
12	DRAINAGE DETAILS

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Steven C Buck

Digitally signed by Steven C Buck
Date: 2021.10.19 16:35:18 -04'00'

ON THE DATE ADJACENT TO THE SEAL.

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FLORIDA DEPARTMENT OF TRANSPORTATION
719 S. WOODLAND BOULEVARD
DELAND, FL 32720
STEVEN C. BUCK, P.E. NO. 78955

STEVEN C. BUCK LICENSE No 78955 STATE OF FLORIDA PROFESSIONAL ENGINEER

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
10	CONCRETE BOLLARD DETAIL

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

Jessica A Soleyn

Digitally signed by Jessica A Soleyn
DN: CN=Jessica A Soleyn, OU=A01410D0000001729871D02A00006F4E, O=AECOM TECHNICAL SERVICES INC, C=US
Reason: I attest to the accuracy and integrity of this document
Date: 2021.10.18 14:29:32-04'00'

ON THE DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

AECOM
7650 W COURTNEY CAMPBELL CAUSEWAY
SUITE 700
TAMPA, FL 33607
JESSICA ALYSSA MARIE SOLEYN, L.A. 6667441

JESSICA ALYSSA MARIE SOLEYN LICENSE LA6667441 STATE OF FLORIDA LANDSCAPE ARCHITECT

THE ABOVE NAMED PROFESSIONAL LANDSCAPE ARCHITECT SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G10-11.011, F.A.C.

ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
37	LANDSCAPE NOTES
38 - 40	LANDSCAPE PLANS
41	LANDSCAPE DETAILS
SQ-27	TABULATION OF QUANTITIES AND PLANT SCHEDULE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

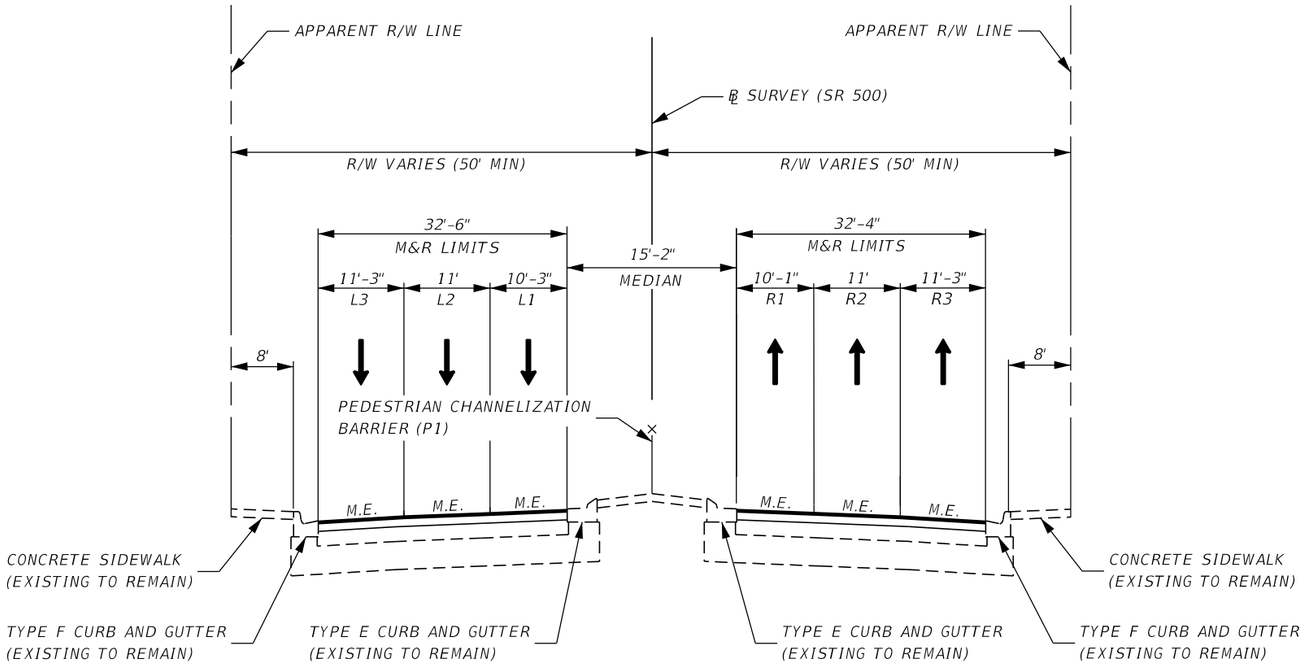
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SIGNATURE SHEET

SHEET NO. 2

TRAFFIC DATA

CURRENT YEAR = 2020 AADT = 58500
ESTIMATED OPENING YEAR = 2023 AADT = 60200
ESTIMATED DESIGN YEAR = 2043 AADT = 71900
K = 9.0% D = 50.21% T = 6.20% (24 HOUR)
DESIGN HOUR T = 6.20%
DESIGN SPEED = 30 MPH
POSTED SPEED = 30 MPH



TYPICAL SECTION
SR 500 (S. ORANGE BLOSSSOM TRAIL) (US 441/17/92)
STA. 15+45.00 TO STA. 66+02.69

MAINLINE, TURN LANES, AND SIDE STREET MILLING

STA. 15+65.28 TO STA. 66+02.69
CONSTANT DEPTH MILLING
MILL EXISTING ASPHALT PAVEMENT (1.5")

MAINLINE, TURN LANES, AND SIDE STREET RESURFACING

STA. 15+65.28 TO STA. 66+02.69
FRICTION COURSE FC-12.5 (1.5") (TRAFFIC C) (PG 76-22)

M.E. = MATCH EXISTING

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

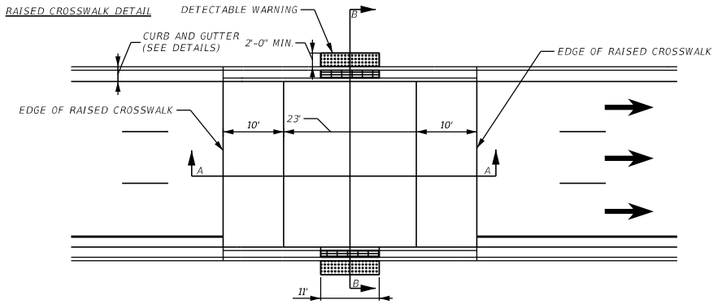
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
500	ORANGE	447395-1-52-01

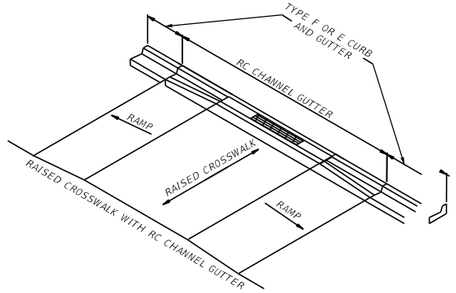
TYPICAL SECTION

SHEET NO. 3

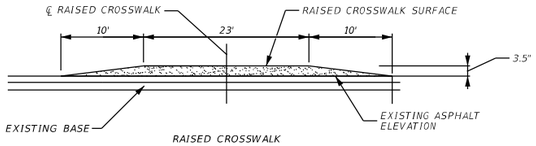
RAISED CROSSWALK DETAIL



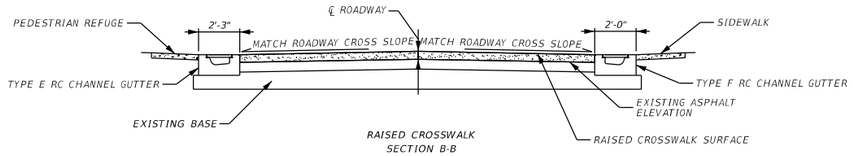
RAISED CROSSWALK
PLAN VIEW



RAISED CROSSWALK
ISOMETRIC VIEW

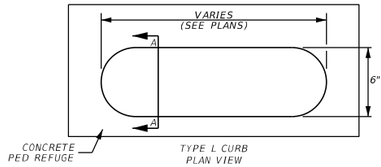


RAISED CROSSWALK
SECTION A-A
CROSS SECTION VIEW

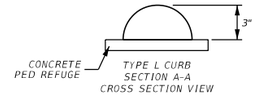


RAISED CROSSWALK
SECTION B-B
CROSS SECTION VIEW

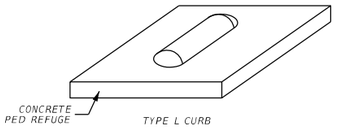
TYPE L CURB DETAIL



TYPE L CURB
PLAN VIEW

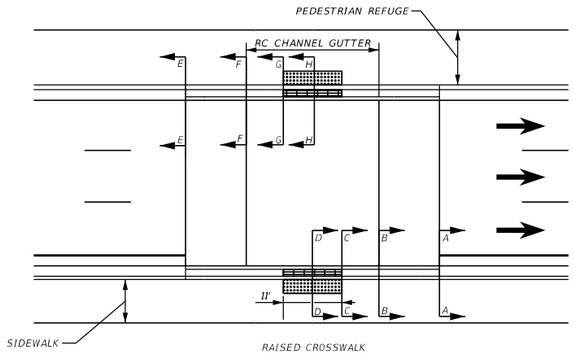


TYPE L CURB
SECTION A-A
CROSS SECTION VIEW

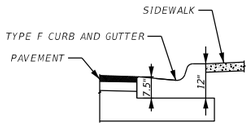


TYPE L CURB
SECTION A-A
ISOMETRIC VIEW

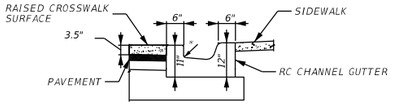
RAISED CROSSWALK CURB TRANSITION DETAIL



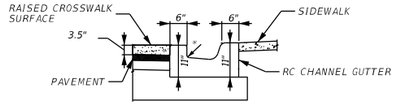
RAISED CROSSWALK
CURB TRANSITIONS
PLAN VIEW



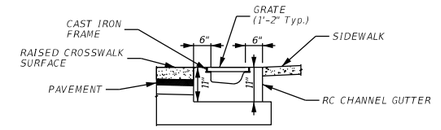
SECTION A-A



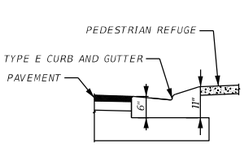
SECTION B-B



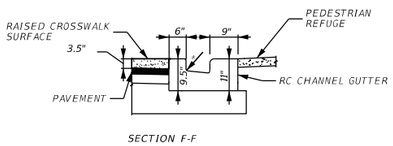
SECTION C-C



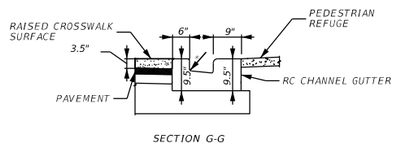
SECTION D-D



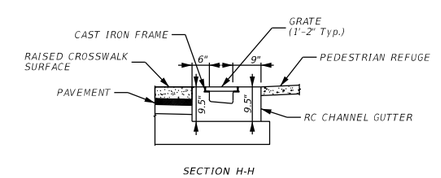
SECTION E-E



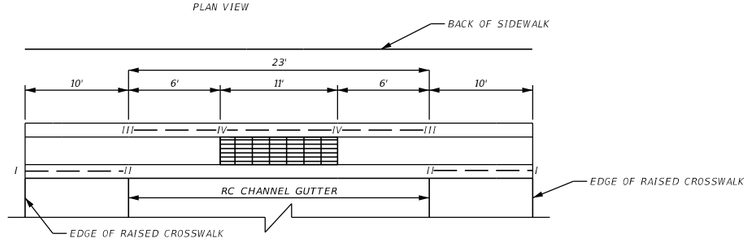
SECTION F-F



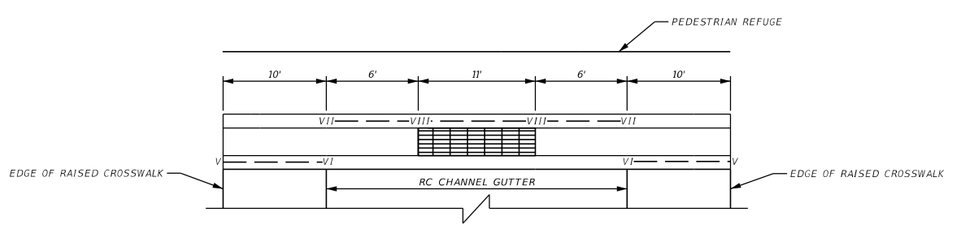
SECTION G-G



SECTION H-H



TYPE F CURB TRANSITION
PLAN VIEW



TYPE E CURB TRANSITION
PLAN VIEW

I - II : TRANSITION FROM SECTION A-A TO SECTION B-B.

III - IV : TRANSITION FROM SECTION B-B TO SECTION C-C.

IV - IV : MAINTAIN SECTION D-D.

IV - III : TRANSITION FROM SECTION C-C TO SECTION B-B.

II - I : TRANSITION FROM SECTION B-B TO SECTION A-A.

V - VI : TRANSITION FROM SECTION E-E TO SECTION F-F.

VII - VIII : TRANSITION FROM SECTION F-F TO SECTION G-G.

VIII - VIII : MAINTAIN SECTION H-H.

VIII - VII : TRANSITION FROM SECTION G-G TO SECTION F-F.

VI - V : TRANSITION FROM SECTION F-F TO SECTION E-E.

LEGEND

- RAISED CROSSWALK PAVEMENT
- CONCRETE
- GRATE
- DETECTABLE WARNING
- TRANSITION LIMITS
- PAVEMENT

* 3/4" R

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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

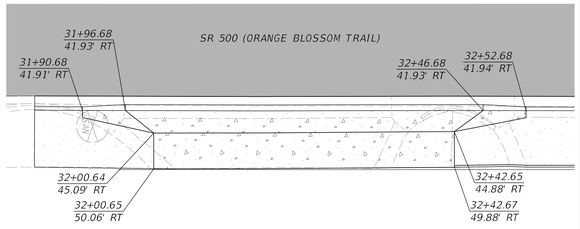
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

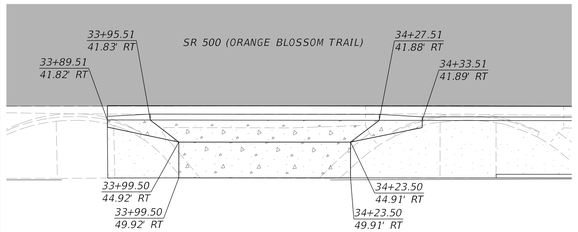
TYPICAL SECTION DETAILS

SHEET NO. 4

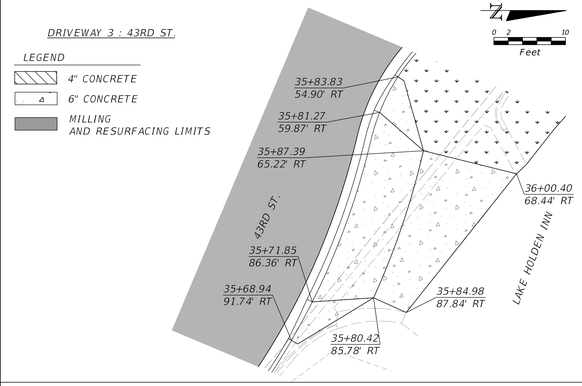
DRIVEWAY 1 : STA 32+20 RT



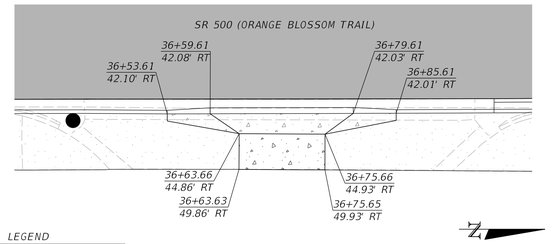
DRIVEWAY 2 : STA 34+20 RT

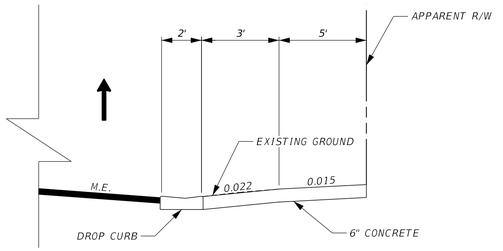


DRIVEWAY 3 : 43RD ST.

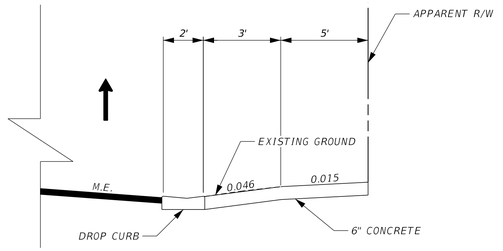


DRIVEWAY 4 : STA. 36+69 RT

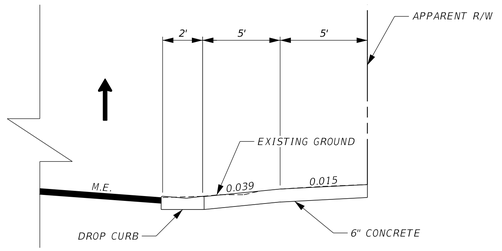




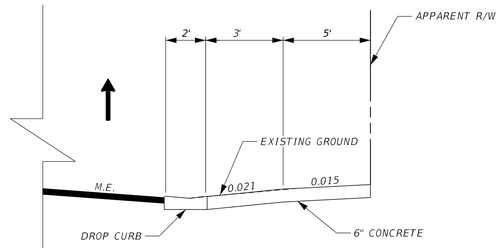
DRIVEWAY 1 : STA 32+20 RT
CROSS SECTION



DRIVEWAY 2 : STA 34+20 RT
CROSS SECTION

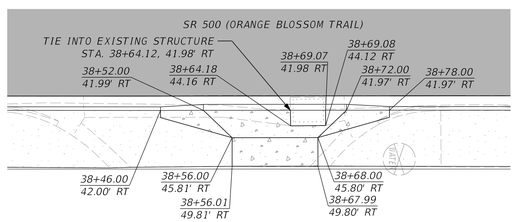


DRIVEWAY 3 : 43RD ST.
CROSS SECTION

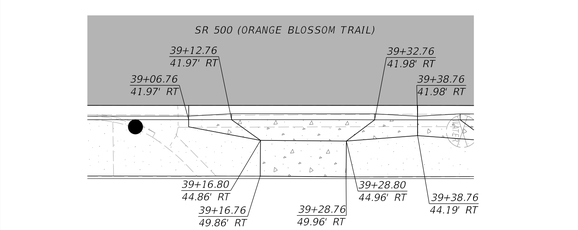


DRIVEWAY 4 : STA. 36+69 RT
CROSS SECTION

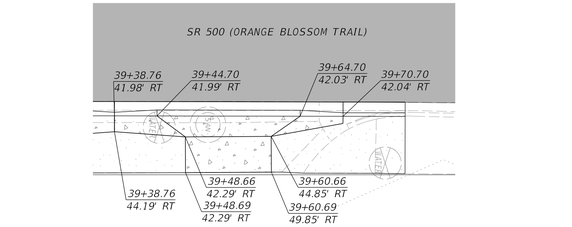
DRIVEWAY 5 : STA. 38+62 RT



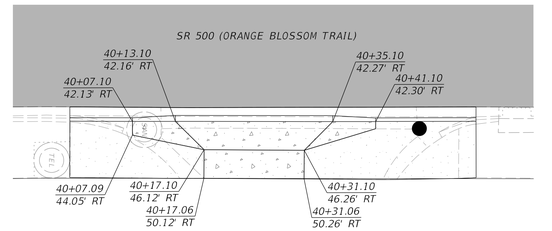
DRIVEWAY 6 : STA. 39+23 RT

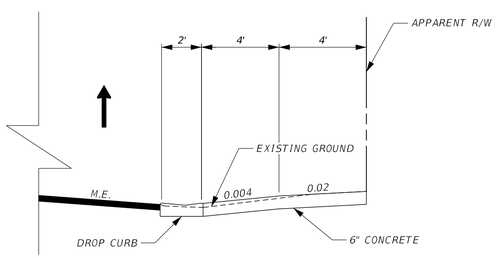


DRIVEWAY 7 : STA. 39+54 RT

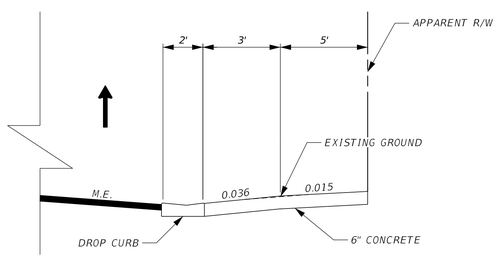


DRIVEWAY 8 : STA. 40+24 RT

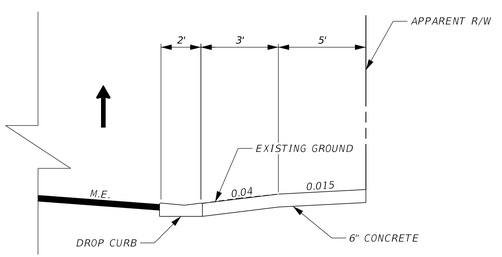




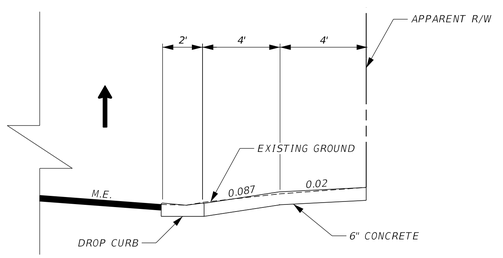
DRIVEWAY 5 : STA. 38+62 RT
CROSS SECTION



DRIVEWAY 6 : STA. 39+23 RT
CROSS SECTION



DRIVEWAY 7 : STA. 39+54 RT
CROSS SECTION



DRIVEWAY 8 : STA. 40+24 RT
CROSS SECTION

REVISIONS

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

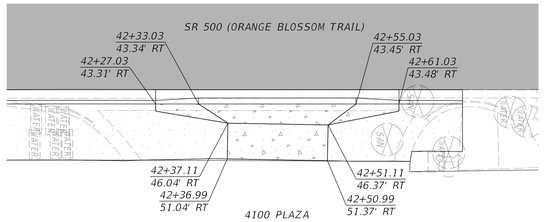
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

DRIVEWAY DETAILS

SHEET NO. 5

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

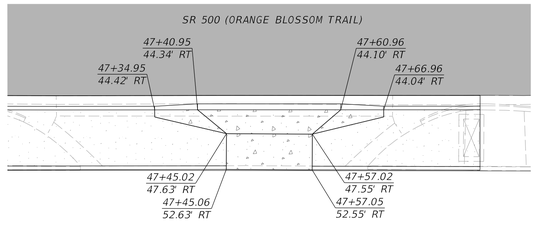
DRIVEWAY 9 : STA 42+44 RT



LEGEND
- 4" CONCRETE
- 6" CONCRETE
- MILLING AND RESURFACING LIMITS

0 2 10 Feet

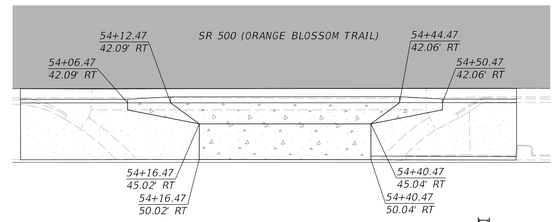
DRIVEWAY 10 : STA. 47+51 RT



LEGEND
- 4" CONCRETE
- 6" CONCRETE
- MILLING AND RESURFACING LIMITS

0 2 10 Feet

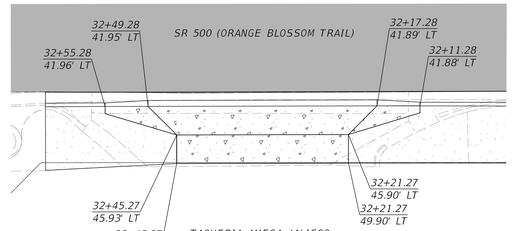
DRIVEWAY 11 : STA. 54+28 RT



LEGEND
- 4" CONCRETE
- 6" CONCRETE
- MILLING AND RESURFACING LIMITS

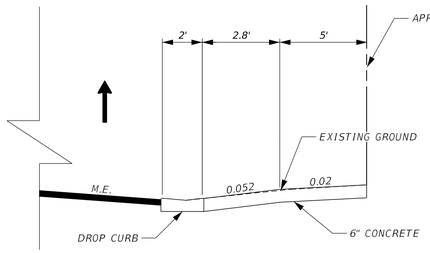
0 2 10 Feet

DRIVEWAY 12 : STA. 32+37 LT

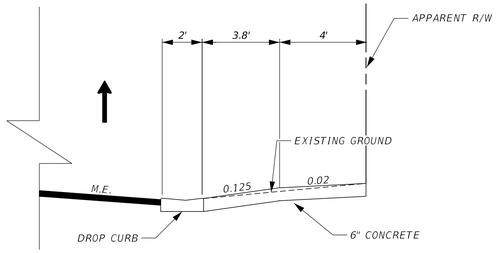


LEGEND
- 4" CONCRETE
- 6" CONCRETE
- MILLING AND RESURFACING LIMITS

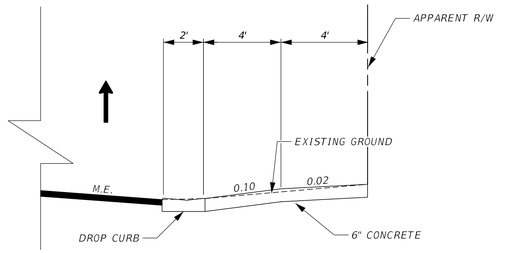
0 2 10 Feet



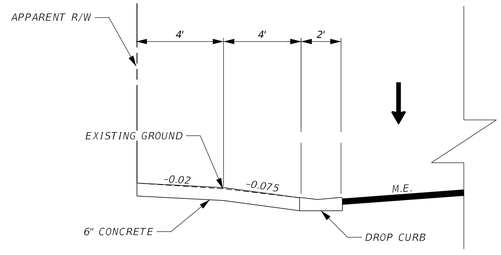
DRIVEWAY 9 : STA 42+44 RT
CROSS SECTION



DRIVEWAY 10 : STA. 47+51 RT
CROSS SECTION



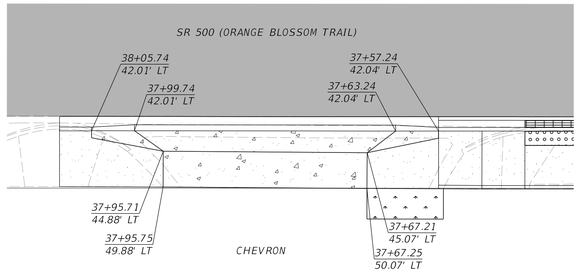
DRIVEWAY 11 : STA. 54+28 RT
CROSS SECTION



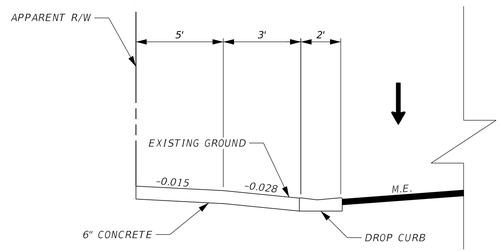
DRIVEWAY 12 : STA. 32+37 LT
CROSS SECTION

DRIVEWAY 13 : STA. 37+83 LT

0 2 10 Feet



LEGEND
- 4" CONCRETE
- 6" CONCRETE
- MILLING AND RESURFACING LIMITS
- CLEARING AND GRUBBING AND REMOVAL ITEMS REPLACE WITH SOD.



DRIVEWAY 13 : STA. 37+83 LT
CROSS SECTION

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REVISIONS

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DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

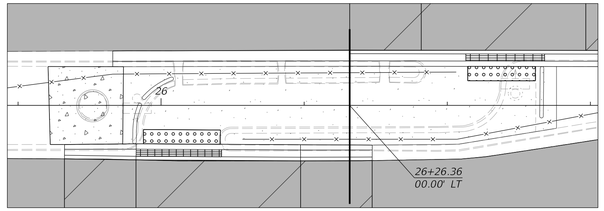
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

DRIVEWAY DETAILS

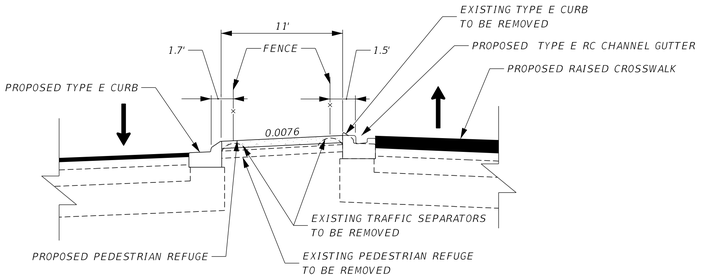
SHEET NO. 6

PEDESTRIAN REFUGE – STA. 26+26.36

0 2 10
Feet



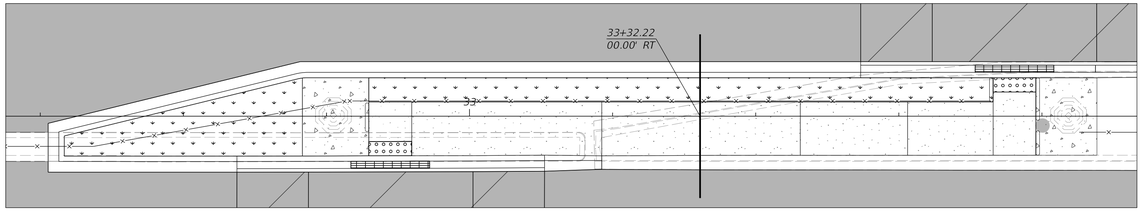
PLAN VIEW



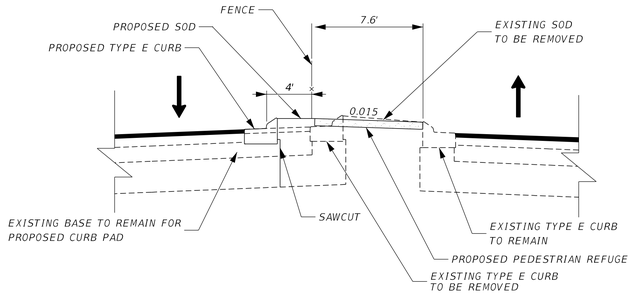
CROSS SECTION VIEW

PEDESTRIAN REFUGE – STA. 33+32.22

0 2 10
Feet



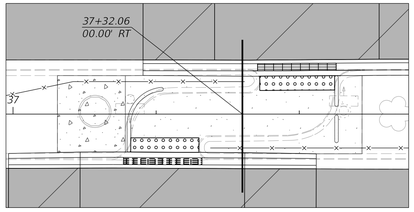
PLAN VIEW



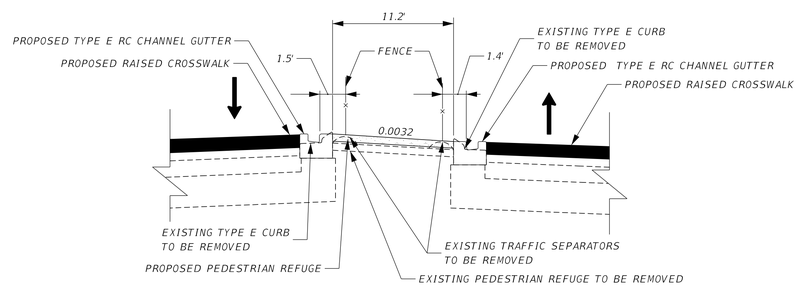
CROSS SECTION VIEW

PEDESTRIAN REFUGE – STA. 37+32.06

0 2 10
Feet



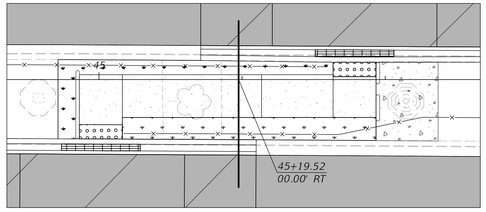
PLAN VIEW



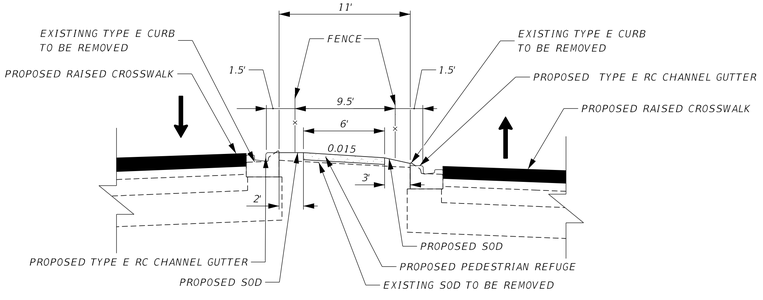
CROSS SECTION VIEW

PEDESTRIAN REFUGE – STA. 45+19.52

0 2 10
Feet



PLAN VIEW



CROSS SECTION VIEW

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REVISIONS

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DISTRICT FIVE - DESIGN

Lori B. Epperson, P.E.
No.: 84291

719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

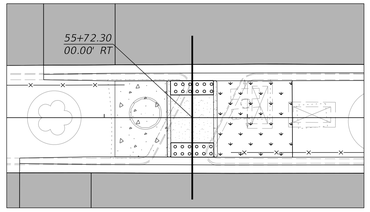
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

PEDESTRIAN REFUGE DETAILS

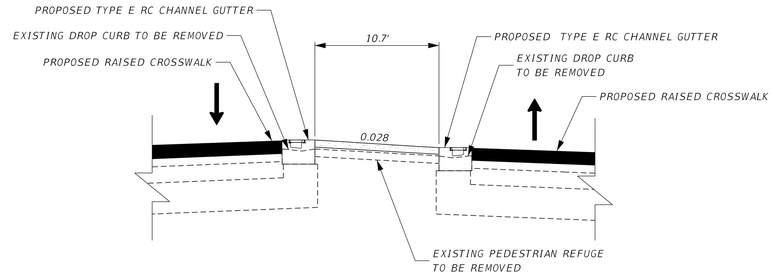
SHEET NO. 7

PEDESTRIAN REFUGE - STA. 55+72.30

0 2 10
Feet



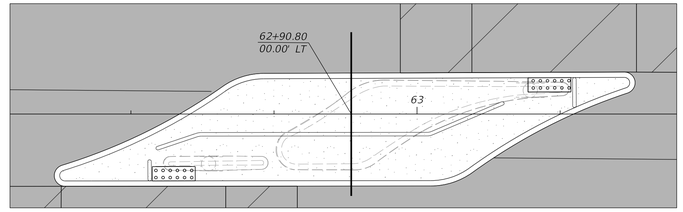
PLAN VIEW



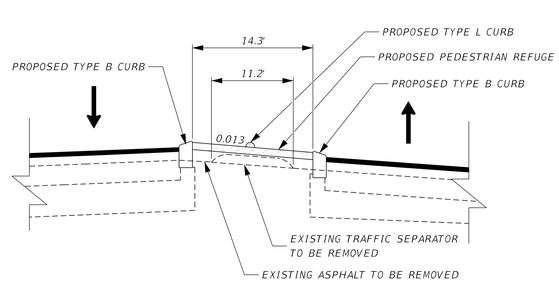
CROSS SECTION VIEW

PEDESTRIAN REFUGE - STA. 62+90.80

0 2 10
Feet



PLAN VIEW



CROSS SECTION VIEW

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REVISIONS
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DISTRICT FIVE - DESIGN
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No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

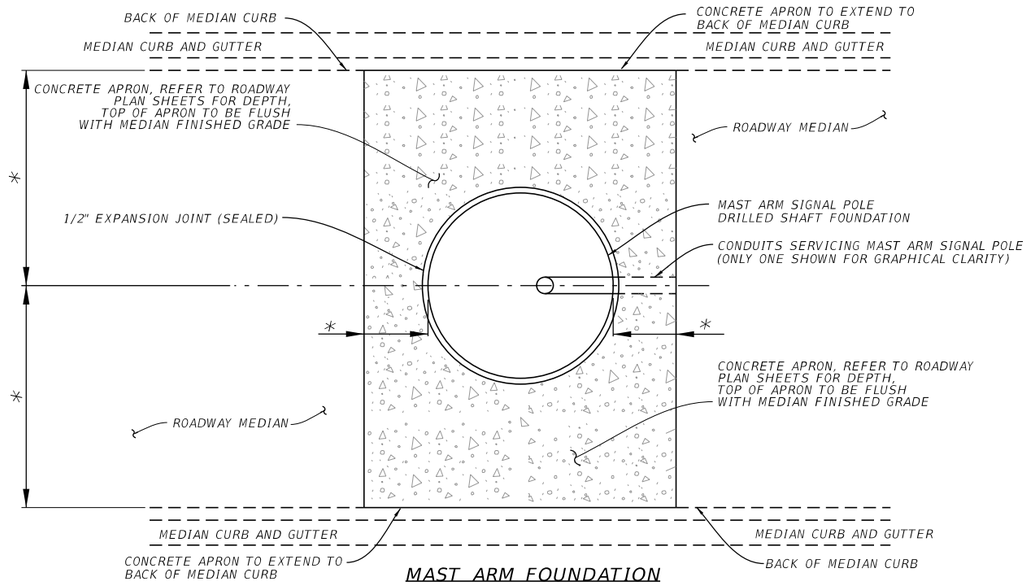
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

PEDESTRIAN REFUGE DETAILS

SHEET NO. 8

* REFER TO ROADWAY PLAN SHEETS FOR APRON LOCATIONS, ASSOCIATED DIMENSIONS AND ADDITIONAL INFORMATION.



MAST ARM FOUNDATION
CONCRETE APRON PLAN VIEW DETAIL

NTS

EXPANSION JOINT NOTE:

1. THE EXPANSION JOINT SHALL CONSIST OF 1/2" CLOSED-CELL POLYETHYLENE FOAM EXPANSION MATERIAL. THE TOP 1/2" OF EXPANSION MATERIAL SHALL BE REMOVED AFTER POURING THE SLAB AND SEALED WITH AN APL APPROVED TYPE A SEALANT MEETING THE REQUIREMENTS OF SPECIFICATION 932.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

PATRICK B. NEVAH, P.E.
P.E. LICENSE NUMBER 72369
AECOM TECHNICAL SERVICES, INC.
7650 W. COURTNEY CAMPBELL CSWY
TAMPA, FLORIDA 33607

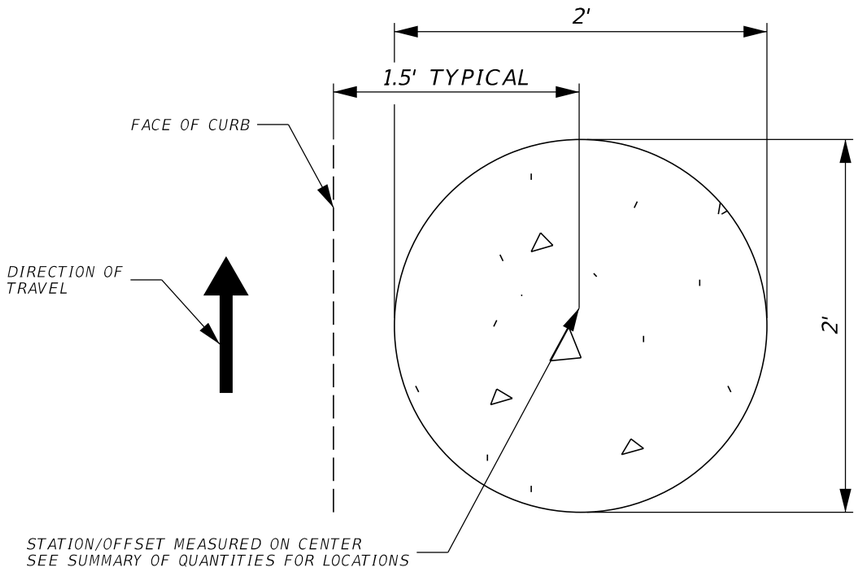
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

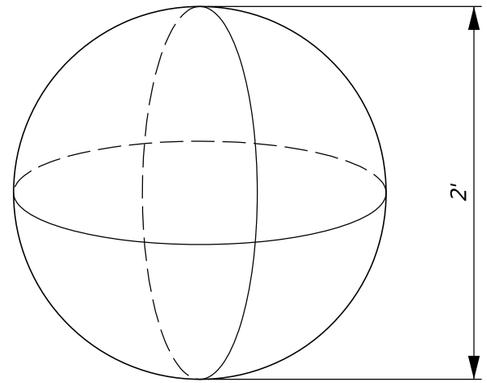
MAST ARM FOUNDATION
CONCRETE APRON DETAIL

SHEET NO. 9

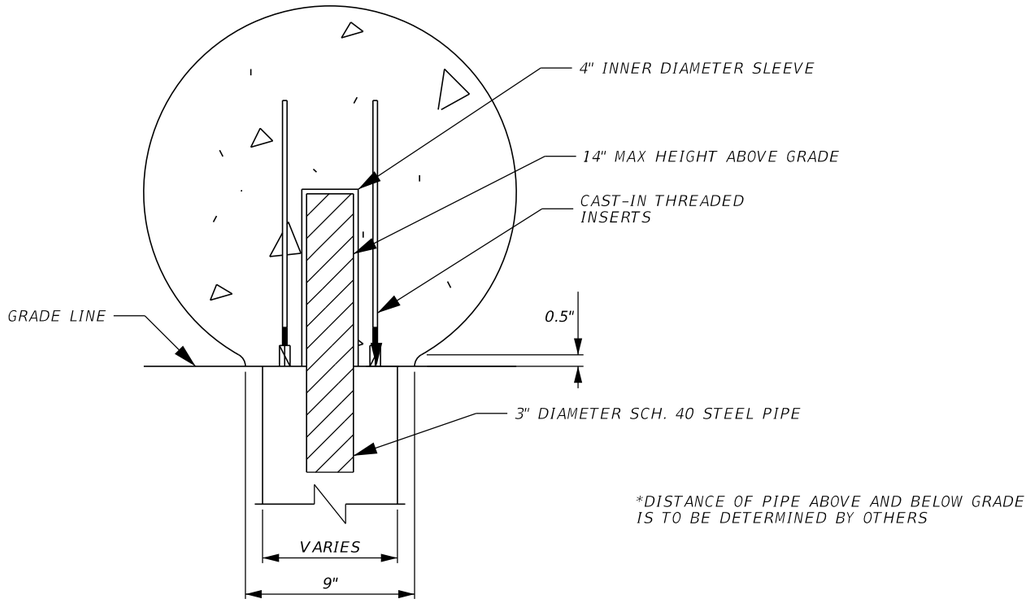
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PLAN VIEW



ISOMETRIC VIEW



*DISTANCE OF PIPE ABOVE AND BELOW GRADE IS TO BE DETERMINED BY OTHERS

INSTALLATION DETAIL
CROSS SECTION VIEW

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DISTRICT FIVE - DESIGN
Steven C. Buck, P.E.
No.: 78955
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
500	ORANGE	447395-1-52-01

CONCRETE BOLLARD DETAIL

SHEET NO. 10

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	CURB INLETS P-5 PARTIAL	REMARKS
P	S-1	26+25.45	RT.	Inlet	1	1	TOP ONLY (MATCH EXISTING)
F							
P	S-2	33+18.49	RT.	Inlet	1	1	TOP ONLY (MATCH EXISTING)
F							
P	S-3	43+82.64	RT.	Inlet	1	1	TOP ONLY (MATCH EXISTING)
F							
Sheet Summary				P Total		3	
				F Total		0	
Final Summary				P Total		3	
				F Total		0	

SUMMARY OF TRENCH DRAIN

LOCATION			SIDE	TRENCH DRAIN 0436 1 1 LF		DESIGN NOTES	CONSTRUCTION REMARKS
STA.	TO	STA.		P	F		
25+76.50	TO	26+17.44	RT	41.0		7 LF OF OUTLET PIPE, DESIGN FLOW OF 1.10 CFS	
32+57.41	TO	33+10.42	RT	53.0		7 LF OF OUTLET PIPE, DESIGN FLOW OF 1.00 CFS	
45+31.78	TO	44+78.78	RT	53.0		95 LF OF OUTLET PIPE, DESIGN FLOW OF 0.60 CFS	
		SUB-TOTAL:		147.0			
		TOTAL:		147			

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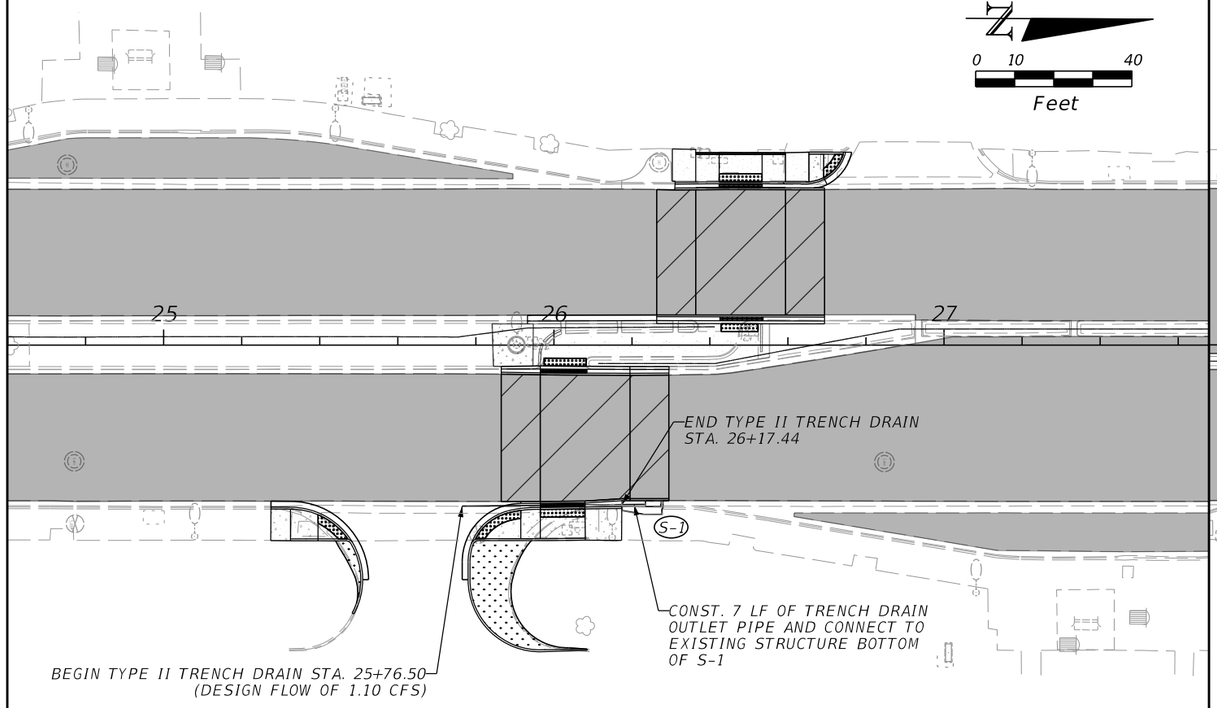
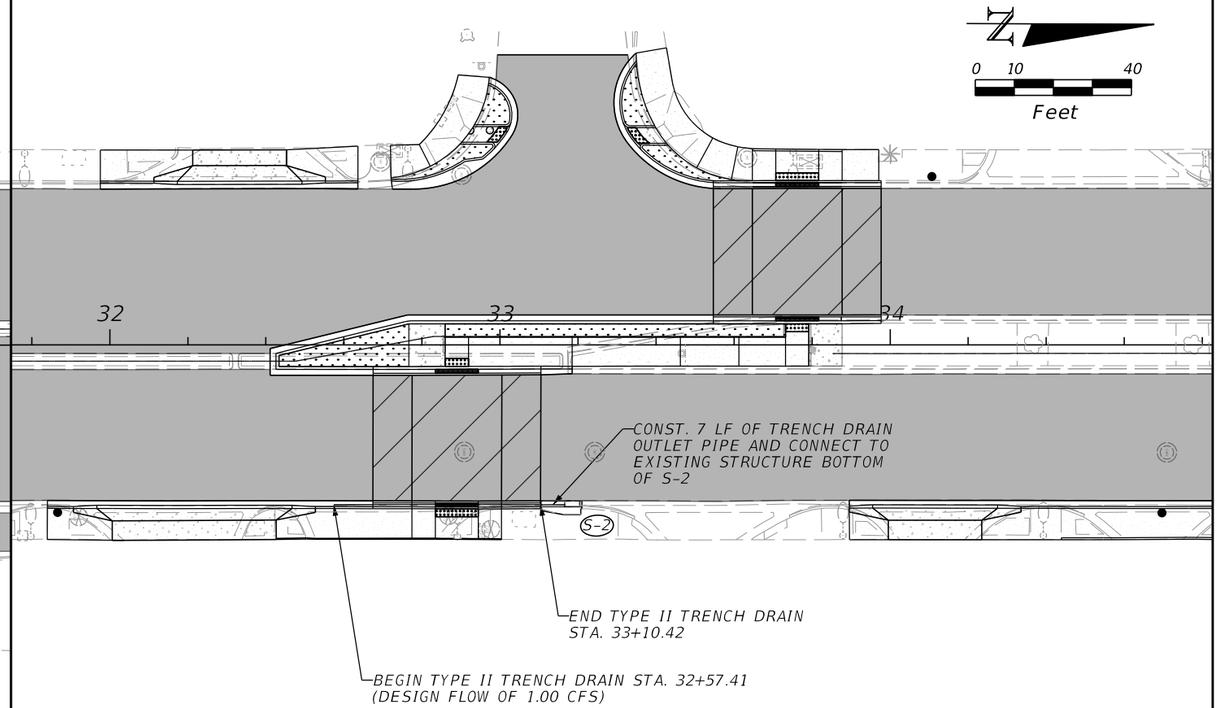
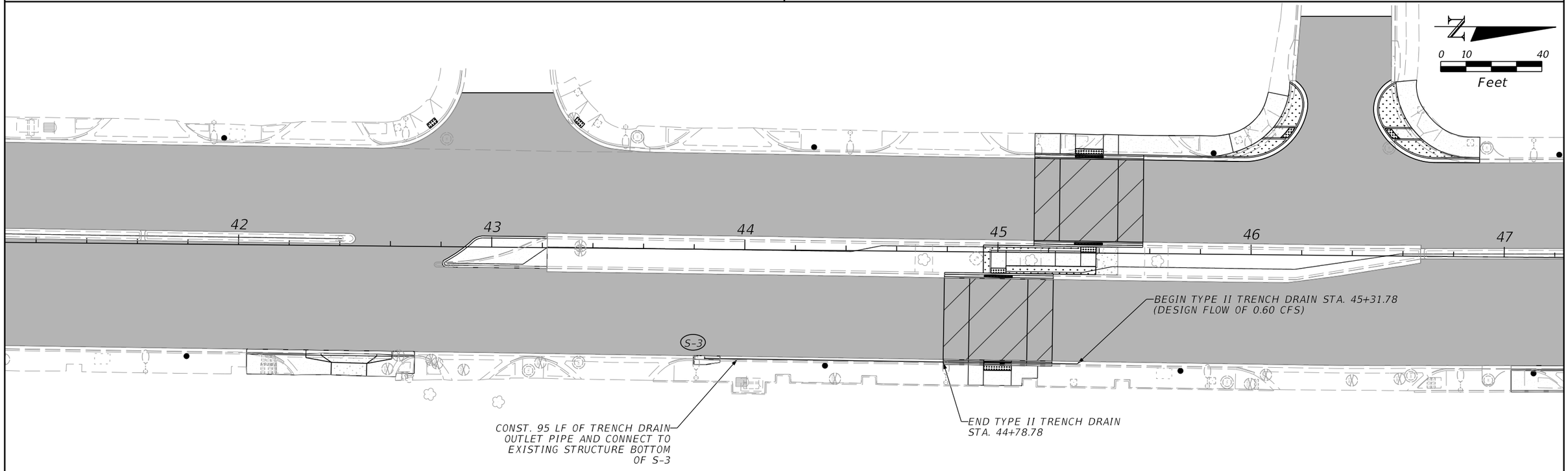
REVISIONS				DISTRICT FIVE - DESIGN	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF DRAINAGE STRUCTURES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	Patrick Robert McConaghy, P.E. No.: 57535 719 South Woodland Blvd. DeLand, Florida 32720	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		11
			PRELIMINARY		SR 500	ORANGE	447395-1-52-01		







THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

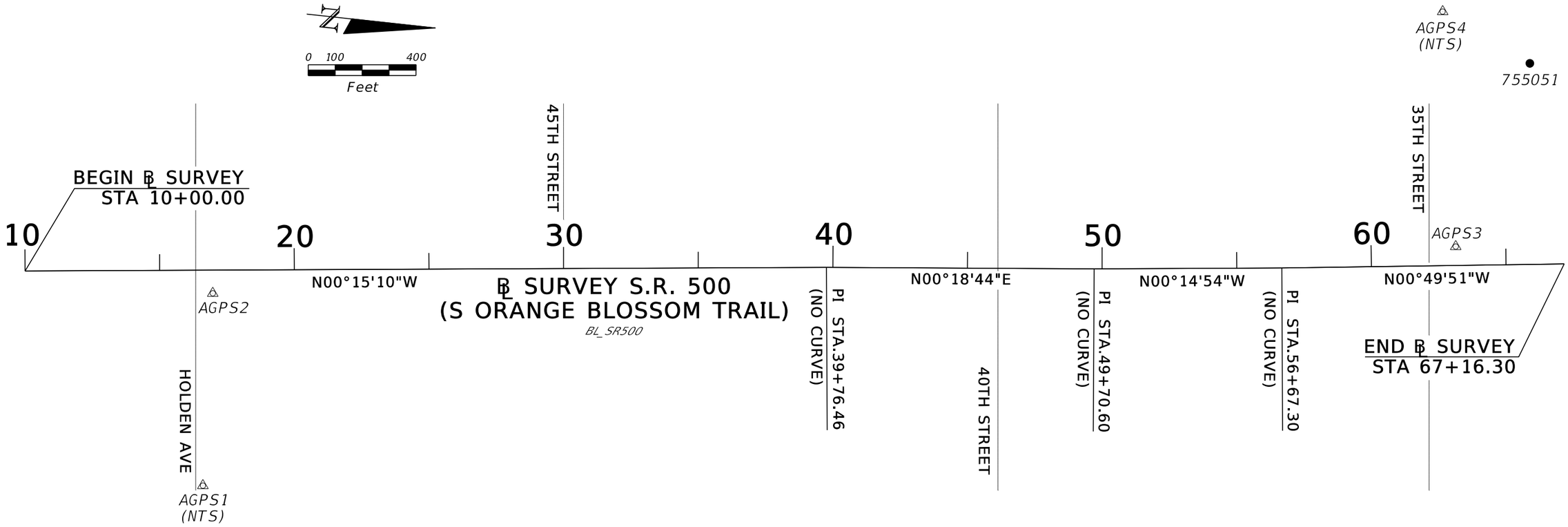
DISTRICT FIVE - DESIGN
Patrick McConaghy, P.E.
No.: 57535
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
500	ORANGE	447395-1-52-01

DRAINAGE DETAILS

SHEET NO. 12



HORIZONTAL AND VERTICAL CONTROL

1. ANY PROJECT CONTROL MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A MONUMENT IS IN DANGER OF BEING DESTROYED THE PROJECT ADMINISTRATOR SHOULD NOTIFY THE DISTRICT SURVEYOR AND MAPPER, WITHOUT DELAY, BY TELEPHONE AT (386) 943-5117 OR BY E-MAIL AT John.Cheney@dot.state.fl.us .
2. HORIZONTAL CONTROL DATA SHOWN HEREON IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM EAST ZONE, 1983 NORTH AMERICAN DATUM,2011 ADJUSTMENT, AS ESTABLISHED BY DRMP BY HOLDING THE FLORIDA PERMANENT REFERENCE STATIONS ORL1, FLEU, SNFD, TTVL.
3. THE VERTICAL CONTROL DATA SHOWN HEREON IS ESTABLISHED WITH FDOT BENCHMARK (755051). NAVD 88 DATUM, AS RECOVERED BY DRMP.
4. HORIZONTAL POSITION INFORMATION FOR VERTICAL CONTROL, IF SHOWN TO THE NEAREST FOOT FOR COORDINATE (X AND Y) POSITIONS AND NEAREST TENTH OF A SECOND FOR LATITUDE AND LONGITUDE, ARE FOR RECON PURPOSES ONLY AND ARE NOT INTENDED FOR USE AS HORIZONTAL CONTROL.
5. THE BASELINE OF SURVEY IS ARBITRARY AND DOES NOT REPRESENT ANY HISTORIC ALIGNMENT. NO BASELINE POINTS HAVE BEEN FOUND OR SET.
6. DATA AS SHOWN HEREON IS EXPRESSED IN ENGLISH UNITS.

LEGEND
● = VERTICAL CONTROL POINT
■ = HORIZONTAL CONTROL POINT
△ = HORIZONTAL & VERTICAL CONTROL POINT
□ ○ = ℄ SURVEY CONTROL POINTS

POINT ID	B/L STATION	OFFSET	ELEV. (Z)	DESCRIPTION / "STAMPING"	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	SCALE FACTOR
AGPS1	16+38.43	1227.78'	106.337'	SET 5/8" IRC "FDOT TRAV LB 2648"	1512687.1118	529928.0238	28°29'40.10370"	-81°23'34.85118"	0.99995944
AGPS2	16+97.05	86.28'	108.520'	SET 5/8" IRC "FDOT TRAV LB 2648"	1512740.6940	528786.2738	28°29'40.59706"	-81°23'47.64936"	0.99995977
AGPS3	63+14.31	-70.06'	106.050'	SET 5/8" IRC "FDOT TRAV LB 2648"	1517356.4443	528612.9087	28°30'26.29262"	-81°23'49.76347"	0.99995982
AGPS4	62+70.39	-1180.91'	101.900'	SET 5/8" IRC "FDOT TRAV LB 2648"	1517296.4221	527502.8072	28°30'25.66181"	-81°24'02.20422"	0.99996015
755051	65+99.35	-745.4'	103.610'	REC PMON WITH 3 1/2" FDOT BRASS DISK "7597A28"	1517631.7	527933.5	28°30'29.0"	-81°23'57.4"	0.99996002

DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

PROJECT NETWORK CONTROL

SHEET NO. 13

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

GENERAL NOTES

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NGVD29 DATUM

2. SPECIAL EVENT DAYS FOR THIS PROJECT INCLUDE, BUT ARE NOT LIMITED TO:

   MAGIC BASKETBALL GAMES
   CITRUS BOWL EVENTS
   ORLANDO ARENA EVENTS
   ORLANDO CITY SOCCER GAMES

3. TRANSIT SERVICE COORDINATION – LYNX

   START WORK NOTIFICATION

JEFFERY PEARSALL, MANAGER OF TRANSPORTATION	(407) 254 – 6108	JPEARSALL@GOLYNX.COM
BRUCE DETWEILER, MANAGER OF SERVICE PLANNING	(407) 254 – 6136	BDETWEILER@GOLYNX.COM
JENNIFER HALL, CONSTRUCTION PROJECT MANAGER	(407) 254 – 6110	JHALL@GOLYNX.COM

   LANE CLOSURE NOTIFICATION

JEFFERY PEARSALL, MANAGER OF TRANSPORTATION	(407) 254 – 6108	JPEARSALL@GOLYNX.COM
REY QUINONES, DIRECTOR OF TRANSPORTATION	(407) 254 – 6223	RQUINONES@GOLYNX.COM
BRUCE DETWEILER, MANAGER OF SERVICE PLANNING	(407) 254 – 6136	BDETWEILER@GOLYNX.COM

   BUS SHELTER COORDINATION

JENNIFER HALL, CONSTRUCTION PROJECT MANAGER	(407) 254 – 6110	JHALL@GOLYNX.COM
CLIFF SATTER, SERVICE PLANNER	(407) 254 – 6133	CSATTER@GOLYNX.COM
JEFF REINE, SENIOR PROJECT MANAGER	(407) 254 – 6046	JREINE@@GOLYNX.COM

4. ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:

   FRANK LOPEZ, P.S.M.
   LICENSED SURVEYOR #LS7001
   DRMP, INC.
   941 LAKE BALDWIN LANE
   ORLANDO, FL 32814
   (407) 896-0594
   CERTIFICATE OF AUTHORIZATION #LB2648

PAY ITEM NOTES

1. PAY ITEM 110-1-1 CLEARING AND GRUBBING INCLUDES REMOVAL OF ASPHALT, BASE AND STABILIZATION EXCEPT IN LOCATIONS OF PROPOSED CURB TO BE PLACED ON TOP OF EXISTING ASPHALT. FOR ALL PROPOSED CURB TO BE PLACED ON TOP OF EXISTING ASPHALT, ITEM 110-1-1 CLEARING AND GRUBBING INCLUDES REMOVAL OF ASPHALT ONLY. EXISTING BASE AND STABILIZATION ARE TO REMAIN.

2. PAY ITEM 102-1 MAINTENANCE OF TRAFFIC IS TO INCLUDE TEMPORARY ASPHALT RAMPS AT 37TH ST.

GENERAL NOTES FOR OPTIONAL PIPE

1. THE CONTRACTOR MAY USE ANY OF THE OPTIONAL PIPE MATERIALS TABULATED FOR A GIVEN STRUCTURE. ONLY THE MATERIAL OPTIONS TABULATED FOR A GIVEN STRUCTURE MAY BE USED.

2. ADJUSTMENT TO THE BID QUANTITIES, PRICES, AND PAYMENT WILL NOT BE ALLOWED DUE TO INCREASE OR DECREASE IN STRUCTURE SIZE, SHAPE, LENGTH, WIDTH, DEPTH, OR ACCESSORY CONSTRUCTION NECESSARY TO ACCOMMODATE THE USE OF AN OPTIONAL PIPE MATERIAL OTHER THAN THE "PLOTTED" OPTION' LIKEWISE THERE WILL BE NO ADDED OR REDUCED COMPENSATION FOR STRUCTURE ALTERATIONS REQUIRED TO RECIEVE UTILITY CONFLICTS WHICH ARISE FROM THE USE OF AN OPTIONAL MATERIAL OTHER THAN THE "PLOTTED" OPTION.

3. ADJUSTMENT TO THE BID QUANTITIES, PRICES, AND PAYMENT WILL NOT BE ALLOWED DUE TO INCREASED OR DECREASED EXCAVATION, BEDDING, BORROW, BACKFILLING, COMPACTION, SPECIAL INSTALLATION REQUIREMENTS OR DISPOSAL OF EXCESS MATERIALS DUE TO THE USE OF ANY OF THE PIPE OPTIONAL MATERIALS. LIKEWISE, ADJUSTMENT IN QUANTITIES, PRICES, AND PAYMENT WILL NOT BE ALLOWED DUE TO DIFFERENCE IN END TREATMENT SIZE OR TYPES, PIPE LENGTH, ALTERNATE JOINTING AND CONNECTING MATERIALS, SADDLES, CRADLES, FILTER FABRICS, SHORING, OR SIMILAR FEATURES DUE TO THE USE OF AN OPTIONAL MATERIAL OTHER THAN THE "PLOTTED" OPTION.

4. IF ADJUSTMENTS ARE REQUIRED DUE TO PLAN ERRORS OR OMISSIONS OR AUTHORIZED FIELD CHANGES, THE "PLOTTED" MATERIAL AND NOT THE MATERIAL ELECTED BY THE CONTRACTOR, WOULD BE USED TO ESTABLISH NEW QUANTITIES.

5. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT IN WRITING AS TO WHICH OPTIONAL PIPE MATERIAL HE CHOOSES TO USE AT THE PRECONSTRUCTION CONFERENCE. ONCE IDENTIFIED, THE CONTRACTOR MAY NOT CHANG EPIPE MATERIAL SELECTED WITHOUT THE APPROVAL OF THE ENGINEER.

Boring Number	Approximate Latitude	Approximate Longitude	Substructure	
			Concrete	Steel
1	28.496908	-81.396656	Slightly Aggressive (pH=8.1)	Slightly Aggressive (pH=8.1)
2	28.497163	-81.397038	Slightly Aggressive (pH=8.7)	Slightly Aggressive (pH=8.7)
3	28.49716	-81.396667	Slightly Aggressive (pH=8.4)	Slightly Aggressive (pH=8.4)
4	28.49867	-81.396662	Slightly Aggressive (pH=8.2)	Slightly Aggressive (pH=8.2)

6. PIPE SIZES OTHER THAN ROUND (ELLIPTICAL/ARCH) ARE SUMMARIZED AND PAID FOR USING EQUIVALENT ROUND PIPE DIAMETER.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

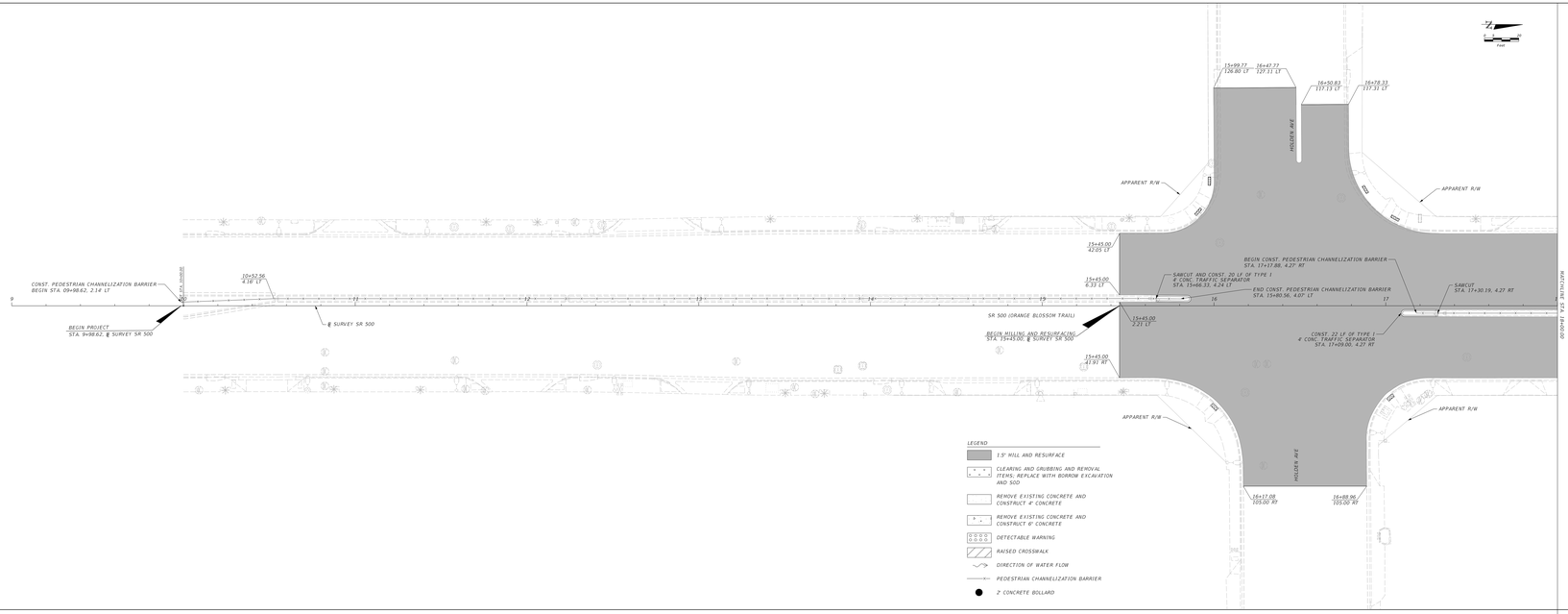
DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

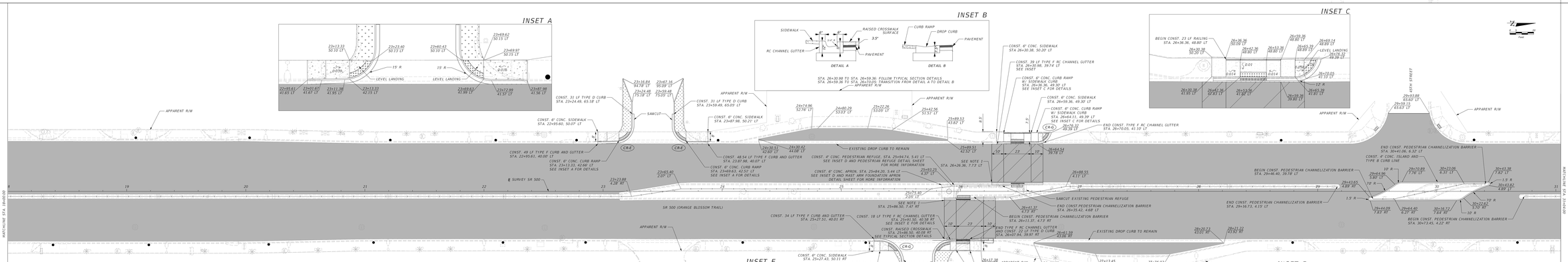
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

GENERAL NOTES

SHEET NO. 14





NOTE 1: CONST. 43 LF TYPE E RC CHANNEL GUTTER AND CONST. RAISED CROSSWALK SEE TYPICAL SECTION DETAILS.

NOTE 2: CONST. 43 LF TYPE E RC CHANNEL GUTTER AND CONST. RAISED CROSSWALK SEE TYPICAL SECTION DETAILS.

NOTE 3: ALL INSETS ARE AT 10 SCALE.

$DATE$ Default
pe556da C:\prj\pjnt\s44739\5520\roadway\PLANR001.dgn

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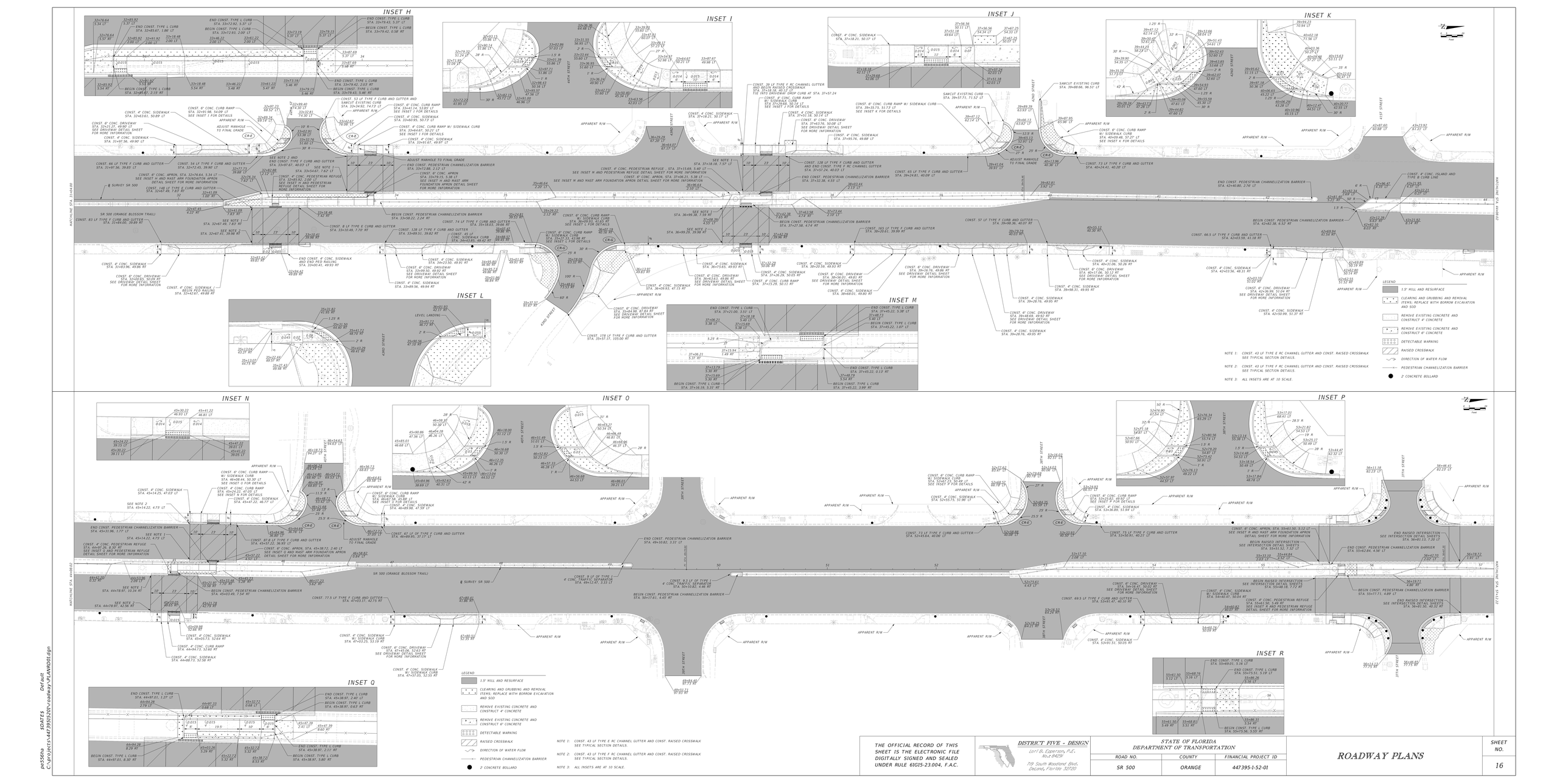
DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No. 84254
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

ROADWAY PLANS

SHEET NO. 15


INSET H
INSET I
INSET J
INSET K
INSET L
INSET M
INSET N
INSET O
INSET P
INSET Q
INSET R
MATCHLINE STA. 31+84.00
MATCHLINE STA. 44+00.00
SR 500 (ORANGE BLOSSOM TRAIL)
SURVEY SR 500
44TH STREET
43RD STREET
42ND STREET
WEST STREET
36TH STREET
37TH STREET
38TH STREET
39TH STREET
LEGEND
1.5" MILL AND RESURFACE
CLEARING AND GRUBBING AND REMOVAL ITEMS; REPLACE WITH BORROW EXCAVATION AND SOD
REMOVE EXISTING CONCRETE AND CONSTRUCT 4" CONCRETE
REMOVE EXISTING CONCRETE AND CONSTRUCT 6" CONCRETE
DETECTABLE WARNING
RAISED CROSSWALK
DIRECTION OF WATER FLOW
PEDESTRIAN CHANNELIZATION BARRIER
2" CONCRETE BOLLARD
NOTE 1: CONST. 43 LF TYPE E RC CHANNEL GUTTER AND CONST. RAISED CROSSWALK SEE TYPICAL SECTION DETAILS.
NOTE 2: CONST. 43 LF TYPE F RC CHANNEL GUTTER AND CONST. RAISED CROSSWALK SEE TYPICAL SECTION DETAILS.
NOTE 3: ALL INSETS ARE AT 10 SCALE.
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.
DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No. 84256
719 South Woodland Blvd.
DeLand, Florida 32720
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
ROAD NO. | COUNTY | FINANCIAL PROJECT ID
SR 500 | ORANGE | 447395-1-52-01
ROADWAY PLANS
SHEET NO. 16
$DATE$ Default
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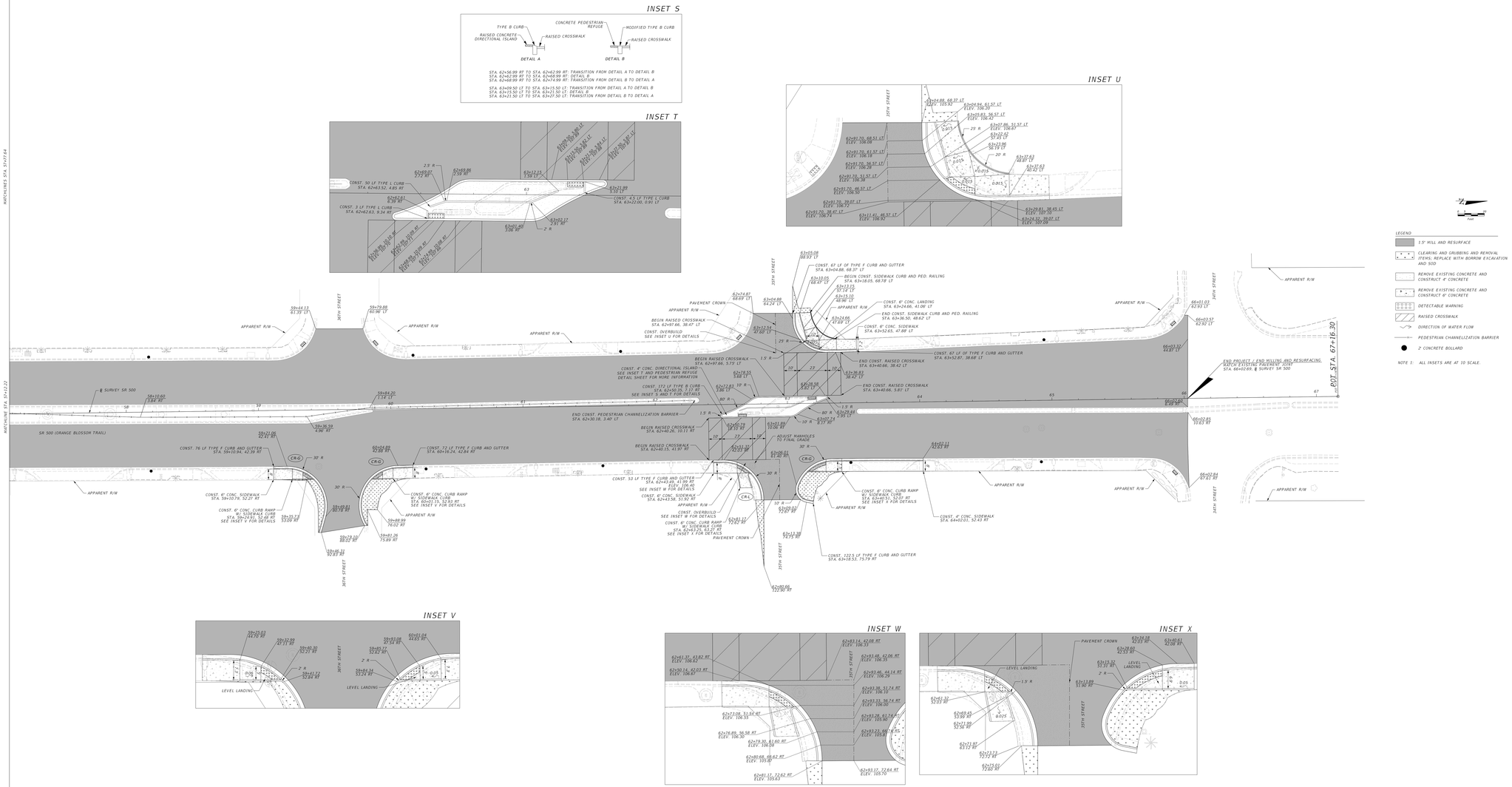

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No. 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

ROADWAY PLANS

SHEET NO.
17

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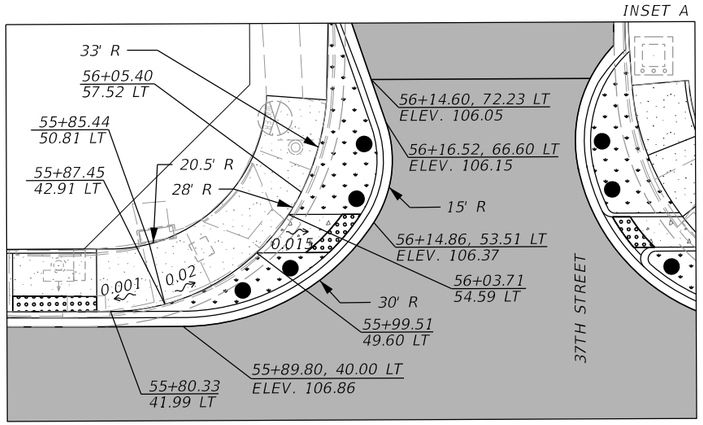

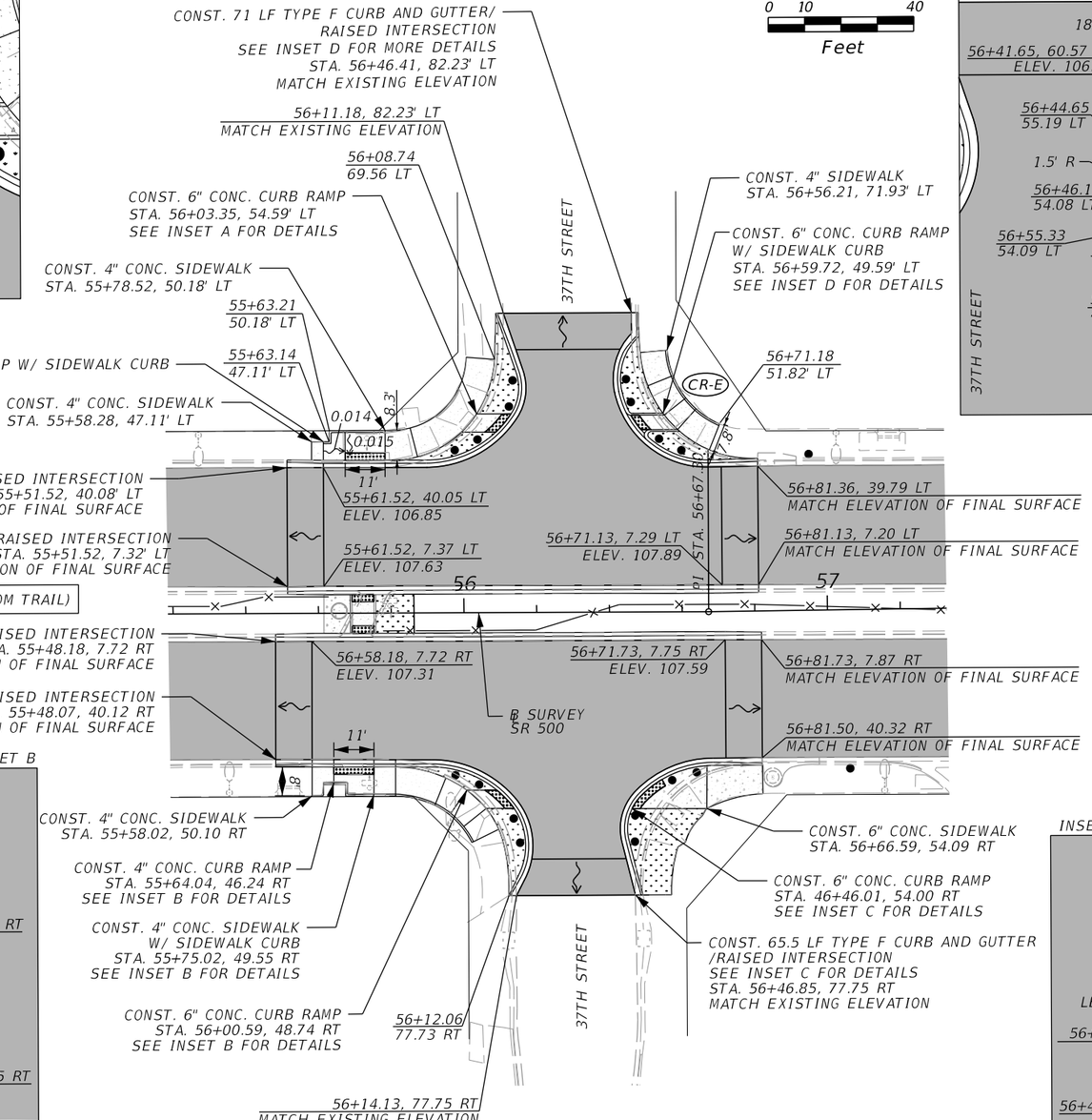

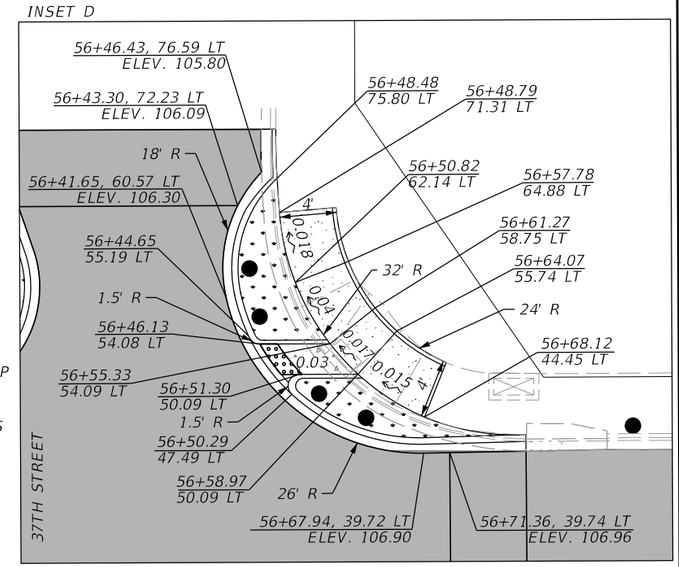

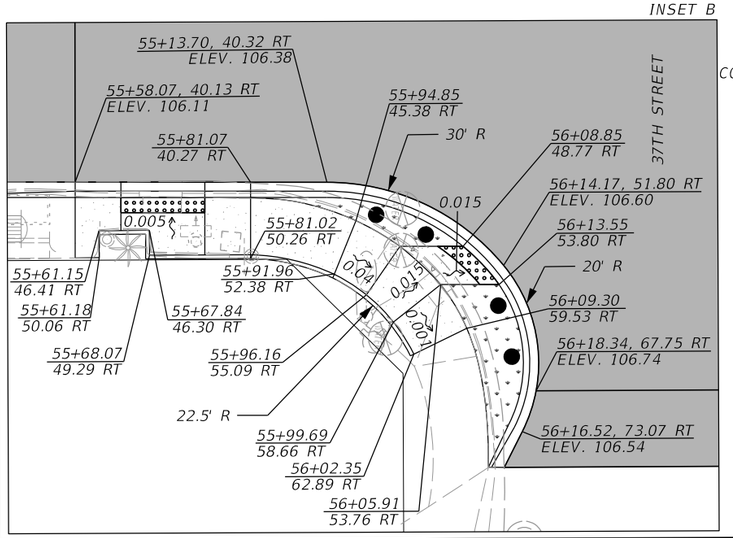

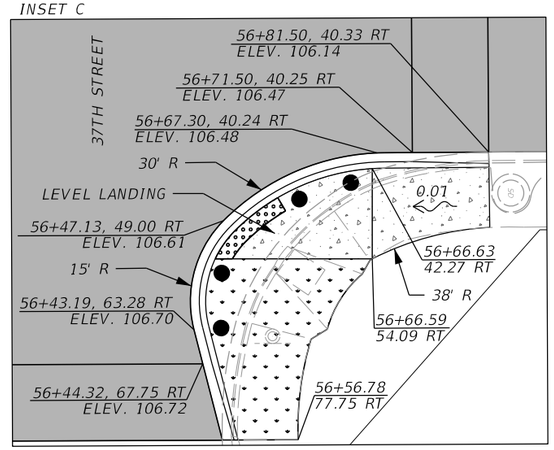

LEGEND

- 1.5" MILL AND RESURFACE
- CLEARING AND GRUBBING AND REMOVAL ITEMS; REPLACE WITH BORROW EXCAVATION AND SOD
- REMOVE EXISTING CONCRETE AND CONSTRUCT 4" CONCRETE
- REMOVE EXISTING CONCRETE AND CONSTRUCT 6" CONCRETE
- DETECTABLE WARNING
- DIRECTION OF WATER FLOW
- 2' CONCRETE BOLLARD

NOTE 1: ALL INSETS ARE AT 20 SCALE.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DISTRICT FIVE - DESIGN

Lori B. Epperson, P.E.
No.: 84291

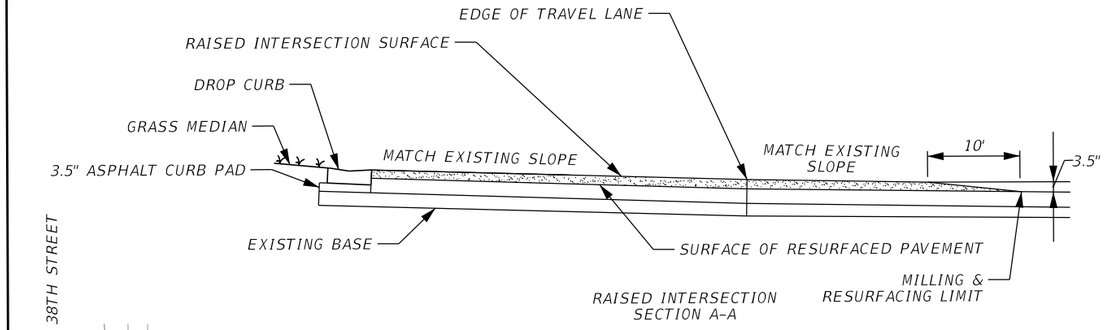
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

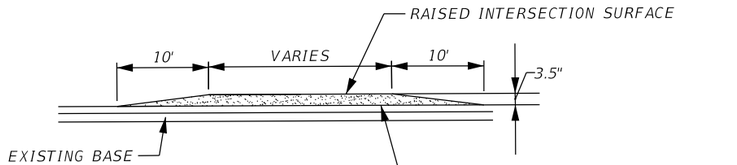
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

INTERSECTION DETAIL
37TH STREET

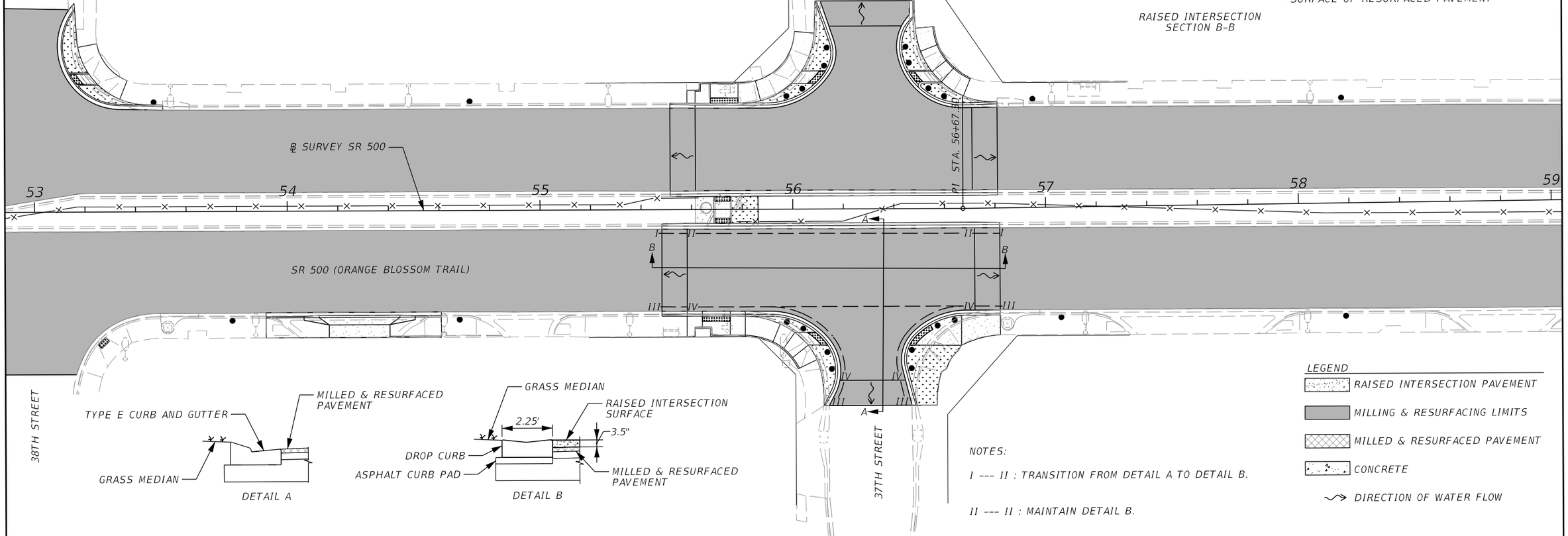
SHEET NO. 18



RAISED INTERSECTION SECTION A-A

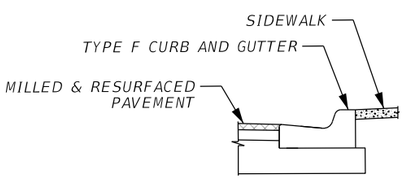


RAISED INTERSECTION SECTION B-B

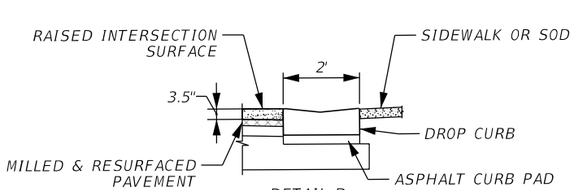


DETAIL A

DETAIL B



DETAIL C



DETAIL D

LEGEND

- RAISED INTERSECTION PAVEMENT
- MILLING & RESURFACING LIMITS
- MILLED & RESURFACED PAVEMENT
- CONCRETE
- DIRECTION OF WATER FLOW

NOTES:

I --- II : TRANSITION FROM DETAIL A TO DETAIL B.

II --- II : MAINTAIN DETAIL B.

II --- I : TRANSITION FROM DETAIL B TO DETAIL A.

III --- IV : TRANSITION FROM DETAIL C TO DETAIL D.

IV --- IV : MAINTAIN DETAIL D.

IV --- III : TRANSITION FROM DETAIL D TO DETAIL C.

MIRROR DETAILS FOR SOUTHBOUND DIRECTION.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

INTERSECTION DETAIL 37TH STREET

SHEET NO. 19

TEMPORARY TRAFFIC CONTROL NOTES

1. MAINTAIN TRAFFIC CONTROL IN ACCORDANCE WITH THE FDOT STANDARD PLANS FOR ROAD CONSTRUCTION INDICES 102-600, 102-613, 102-615 AND 102-660.

2. UTILIZE LANE CLOSURES DURING ACTIVE WORK ZONES ONLY. LANE CLOSURES ARE NOT PERMITTED DURING THE FOLLOWING TIMES:

   OPEN ROAD CONDITION:

SINGLE LANE CLOSURES:	NO RESTRICTIONS
DUAL LANE CLOSURES:	8:00AM TO 8:00PM
RAMP CLOSURES:	8:00AM TO 8:00PM

   WITHIN 600 FT OF A SIGNALIZED INTERSECTION:

SINGLE LANE CLOSURES:	2:00PM TO 7:00PM
SB DUAL LANE CLOSURES:	6:00AM TO 11:00PM
NB DUAL LANE CLOSURES:	7:00AM TO 11:00PM

3. INSTALL SPEED LIMIT SIGNS / SPEED FEEDBACK SIGNS PER SIGNING & PAVEMENT MARKING PLANS ALONG THE PROJECT LIMITS (7) DAYS PRIOR TO CONSTRUCTION.

4. DISPLAY PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) 500' BEFORE SIGNAGE AT EACH END OF THE PROJECT (14) DAYS PRIOR TO CONSTRUCTION WITH THE FOLLOWING MESSAGE:

MESSAGE 1	MESSAGE 2
US 441 ROAD WORK	BEGINS MM/DD

5. DISPLAY PCMS 500' BEFORE SIGNAGE AT EACH END OF THE PROJECT DURING ACTIVE WORK PERIODS WITH LANE CLOSURES WITH THE FOLLOWING MESSAGE:

MESSAGE 1	MESSAGE 2
EXPECT LANE CLOSURES	TIME TO TIME

6. MAINTAIN MINIMUM 10' TRAVEL LANE WIDTHS DURING ACTIVE WORK PERIODS AT ALL TIMES.

7. PLACE ADVANCE SIGNAGE PER TTCP SIGNING DETAIL PRIOR TO PHASE 1.

8. ALL MID-BLOCK CROSSWALK CURB RAMPS MUST BE CLOSED TO BICYCLISTS AND PEDESTRIANS USING TYPE III BARRICADES UNTIL RAISED CROSSWALK CONSTRUCTION HAS BEEN COMPLETED.

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No.: 84291
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DeLand, Florida 32720

STATE OF FLORIDA
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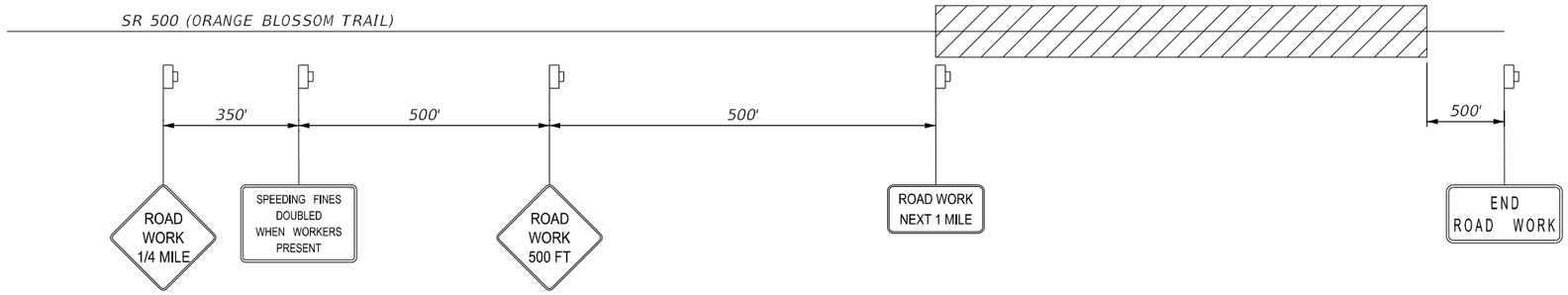
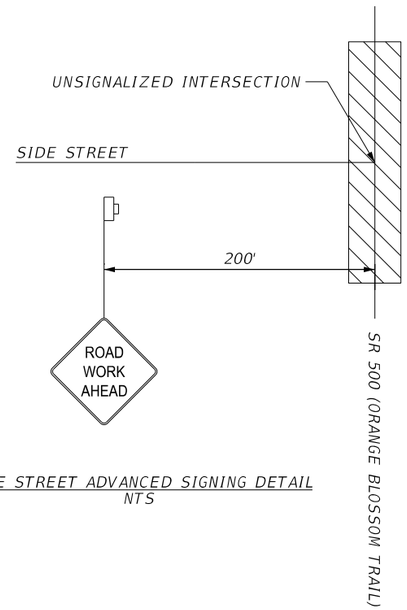
500	ORANGE	447395-1-52-01

TTCP
PROJECT NOTES

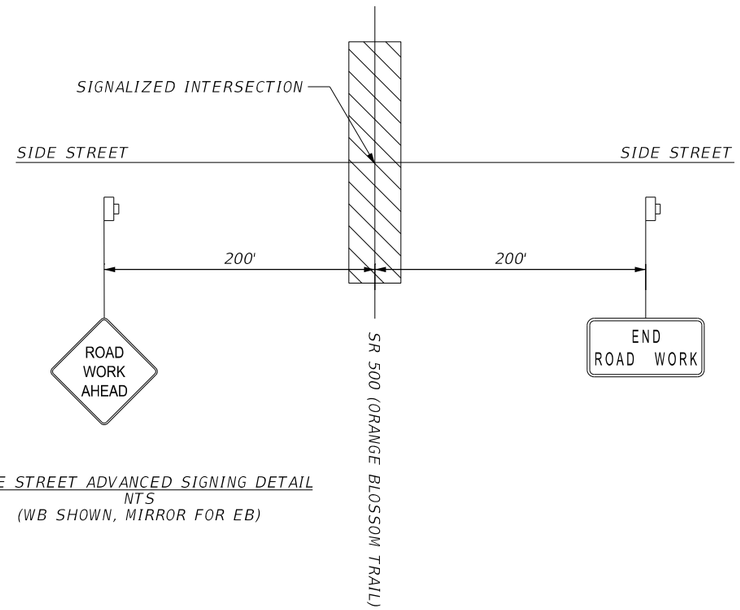
SHEET NO. 20



SR 500 (ORANGE BLOSSOM TRAIL) ADVANCED SIGNING DETAIL
NTS
(NB SHOWN, MIRROR FOR SB)



SIDE STREET ADVANCED SIGNING DETAIL
NTS



SIDE STREET ADVANCED SIGNING DETAIL
NTS
(WB SHOWN, MIRROR FOR EB)

LEGEND

WORK ZONE SIGN

WORK ZONE

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DATE	DESCRIPTION	DATE	DESCRIPTION

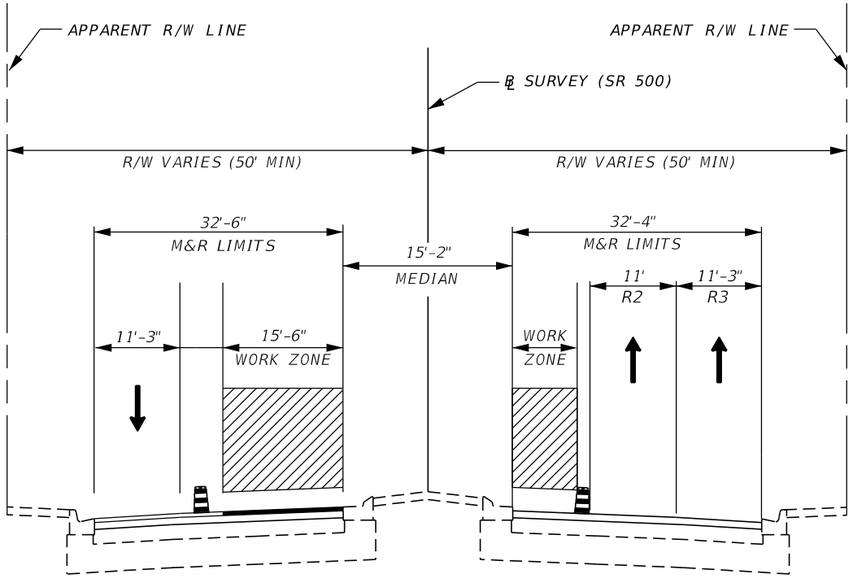
DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
500	ORANGE	447395-1-52-01

TTCP SIGNING DETAIL

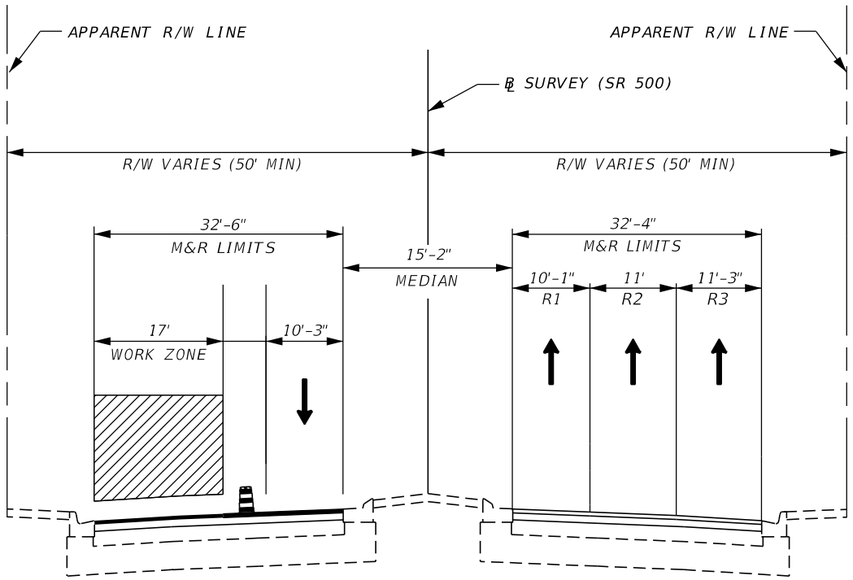
SHEET NO. 21



PHASE I
LENGTH OF PROJECT

PHASE I NOTES:

1. MILL AND RESURFACE SOUTHBOUND INSIDE LANE AND PARTIAL WIDTH OF CENTER LANE.
2. CONSTRUCT MEDIAN NOSES AT HOLDEN AVE AND 39TH STREET.
3. PLACE PAINT STRIPING PER SIGNING AND PAVEMENT MARKING PLANS. LANE WIDTHS SHOWN ARE TYPICAL.
4. INSTALL PEDESTRIAN HYBRID BEACONS AND ALL ASSOCIATED SIGNAL WORK. USE NORTHBOUND SINGLE LANE CLOSURE FOR THIS WORK.



PHASE II
LENGTH OF PROJECT

PHASE II NOTES:

1. MILL AND RESURFACE SOUTHBOUND OUTSIDE LANE AND REMAINING WIDTH OF CENTER LANE.
2. PLACE PAINT STRIPING PER SIGNING AND PAVEMENT MARKING PLANS. LANE WIDTHS SHOWN ARE TYPICAL.
3. LT SIDE STREET MILLING AND RESURFACING TO BE COMPLETED DURING THIS PHASE WITH THE EXCEPTION OF 35TH STREET.
4. PLACE TEMPORARY CROSSWALK STRIPING AT SIDESTREET LOCATIONS CENTERED ON EXISTING CURB RAMPS. SOME SIDESTREET TEMPORARY STRIPING WILL NEED TO BE REMOVED AND REPLACED WITH FINAL STRIPING PER PLANS.

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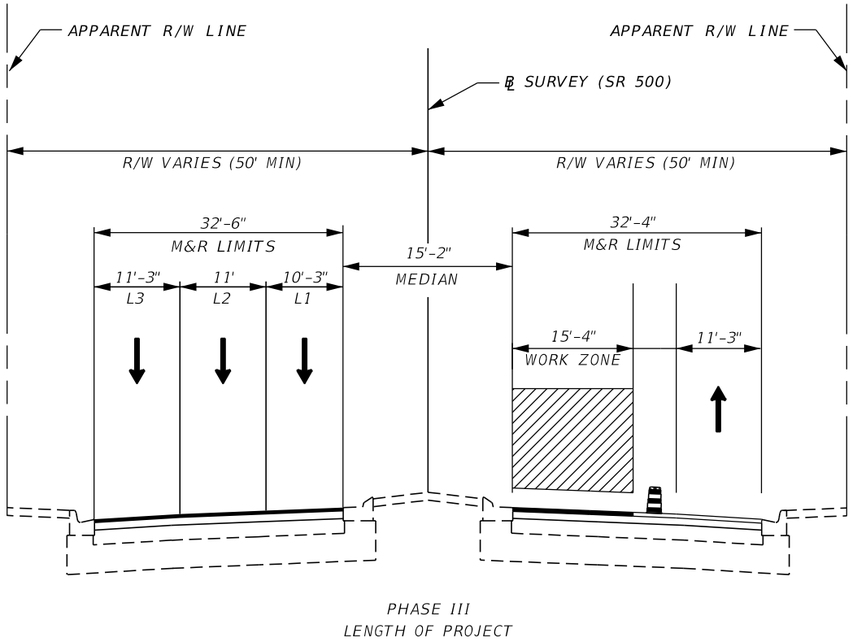
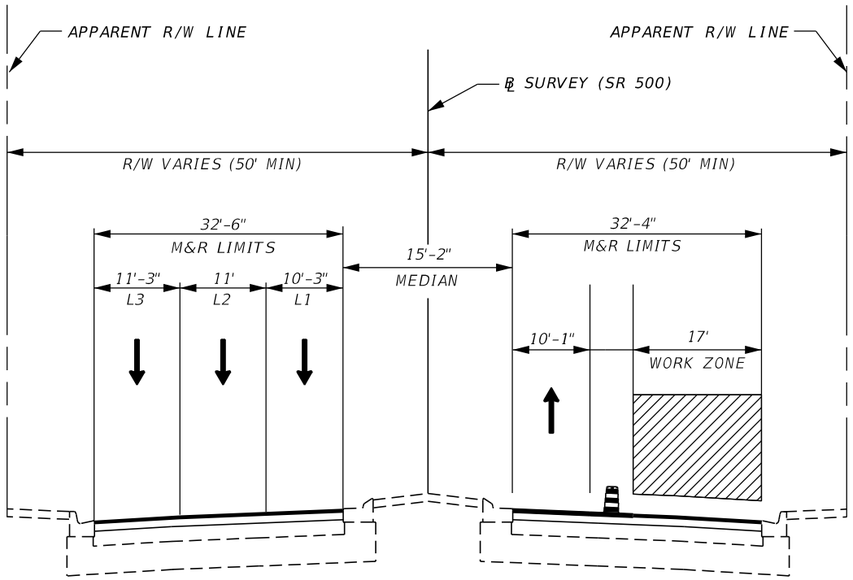
TTCP
TYPICAL SECTIONS

SHEET NO. 22



PHASE III
LENGTH OF PROJECT



PHASE IV
LENGTH OF PROJECT

PHASE III NOTES:

1. MILL AND RESURFACE NORTHBOUND INSIDE LANE AND PARTIAL WIDTH OF CENTER LANE.
2. PLACE PAINT STRIPING PER SIGNING AND PAVEMENT MARKING PLANS. LANE WIDTHS SHOWN ARE TYPICAL.

PHASE IV NOTES:

1. MILL AND RESURFACE NORTHBOUND OUTSIDE LANE AND REMAINING WIDTH OF CENTER LANE.
2. PLACE PAINT STRIPING PER SIGNING AND PAVEMENT MARKING PLANS. LANE WIDTHS SHOWN ARE TYPICAL.
3. RT SIDE STREET MILLING AND RESURFACING TO BE COMPLETED DURING THIS PHASE WITH THE EXCEPTION OF 35TH STREET.
4. PLACE TEMPORARY CROSSWALK STRIPING AT SIDESTREET LOCATIONS CENTERED ON EXISTING CURB RAMPS. SOME SIDESTREET TEMPORARY STRIPING WILL NEED TO BE REMOVED AND REPLACED WITH FINAL STRIPING PER PLANS.

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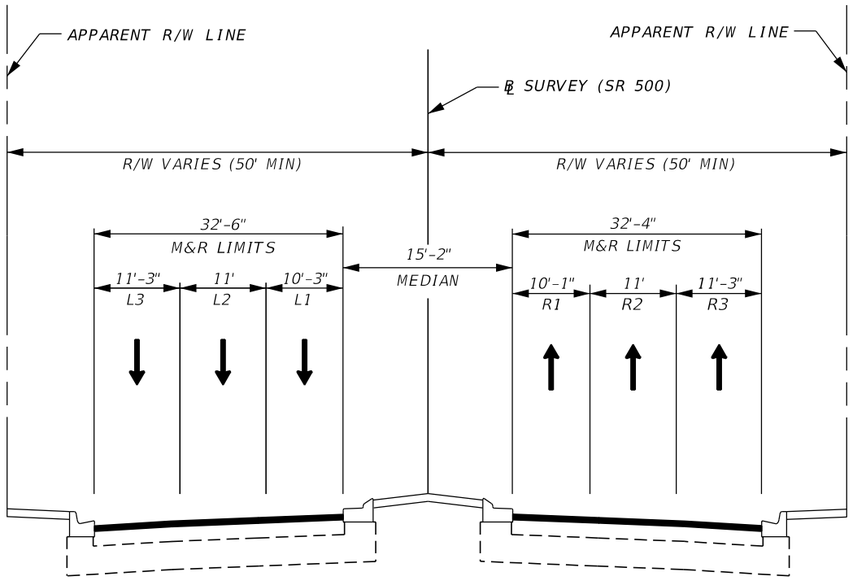
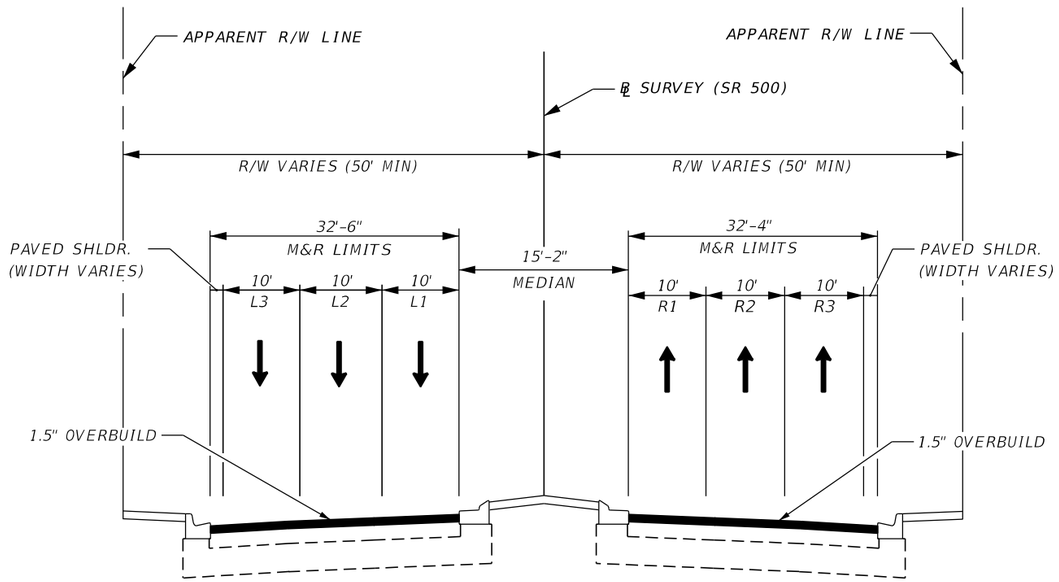
TTCP
TYPICAL SECTIONS

SHEET NO. 23



PHASE V
LENGTH OF PROJECT



PHASE VI
RAISED CROSSWALK LOCATIONS

PHASE V NOTES:

1. COMPLETE CONSTRUCTION OF ALL CURB WORK. SAWCUTTING WILL BE REQUIRED ON SIDE STREETS.
2. SEE PHASE V TTCP DETAIL SHEET FOR ADDITIONAL INFORMATION.

PHASE VI NOTES:

1. CONSTRUCT 1.5" OVERBUILD AT ALL MID-BLOCK CROSSWALK LOCATIONS.
2. SEE PHASE VI TTCP DETAIL SHEET FOR ADDITIONAL INFORMATION.

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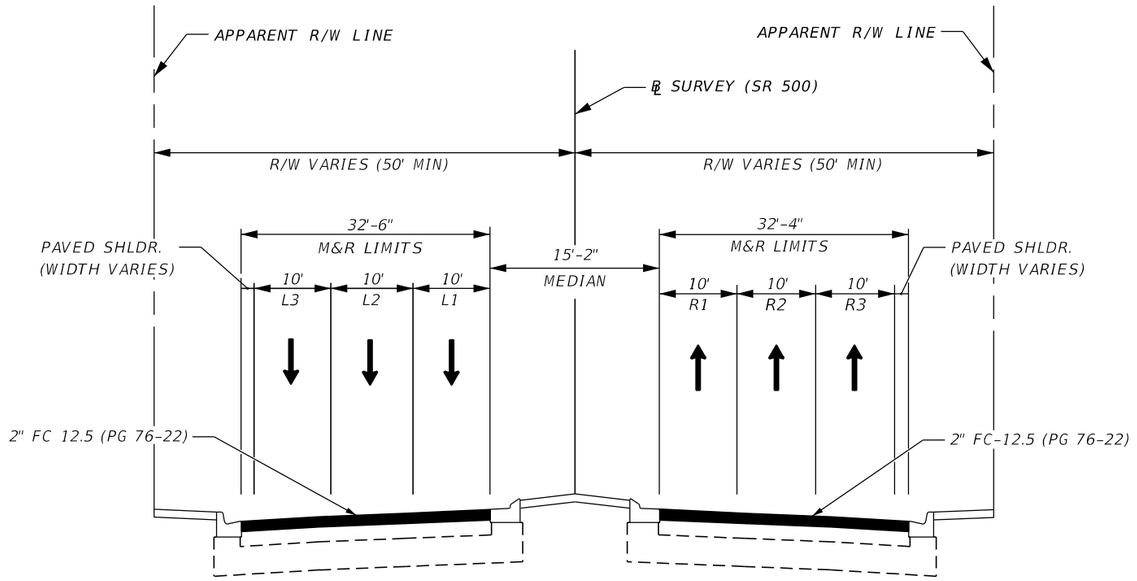
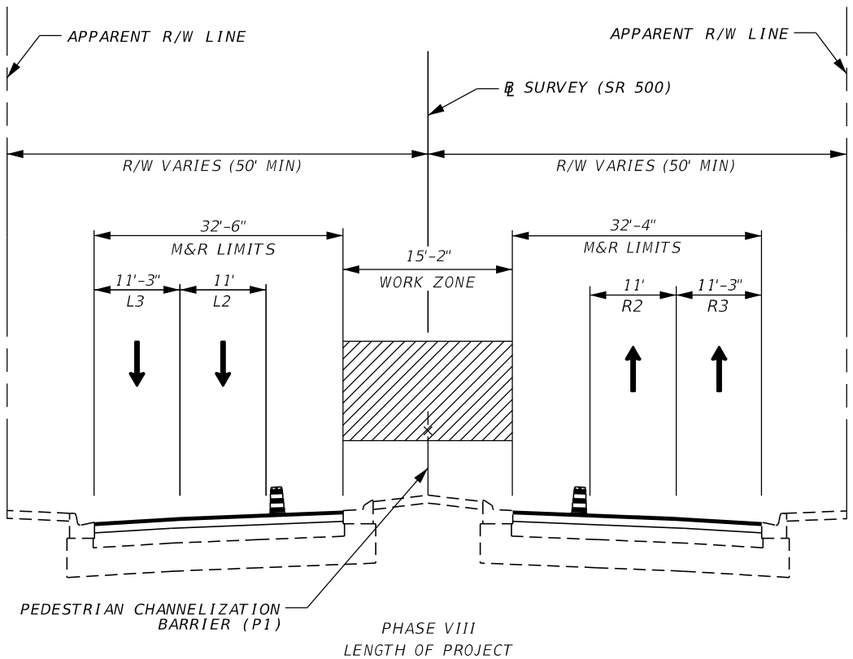
TTCP TYPICAL SECTIONS

SHEET NO. 24



PHASE VII
RAISED CROSSWALK LOCATIONS



PHASE VIII
LENGTH OF PROJECT

PHASE VII NOTES:

1. CONSTRUCT FINAL ASPHALT LIFT AT ALL MID-BLOCK CROSSWALK LOCATIONS.
2. PLACE PAINT STRIPING PER SIGNING AND PAVEMENT MARKING PLANS.
2. SEE PHASE VII TTCP DETAIL SHEET FOR ADDITIONAL INFORMATION.
3. REMOVE TYPE III BARRICADES AFTER THE COMPLETION OF PHASE VII-D AT EACH SEGMENT.

PHASE VIII NOTES:

1. PLACE LANDSCAPING AND PEDESTRIAN CHANNELIZATION BARRIER IN MEDIAN.
2. PLACE CONCRETE BOLLARDS.

PHASE IX NOTES:

1. REMOVE RAISED RUMBLE STRIPS.
2. PLACE FINAL STRIPING.

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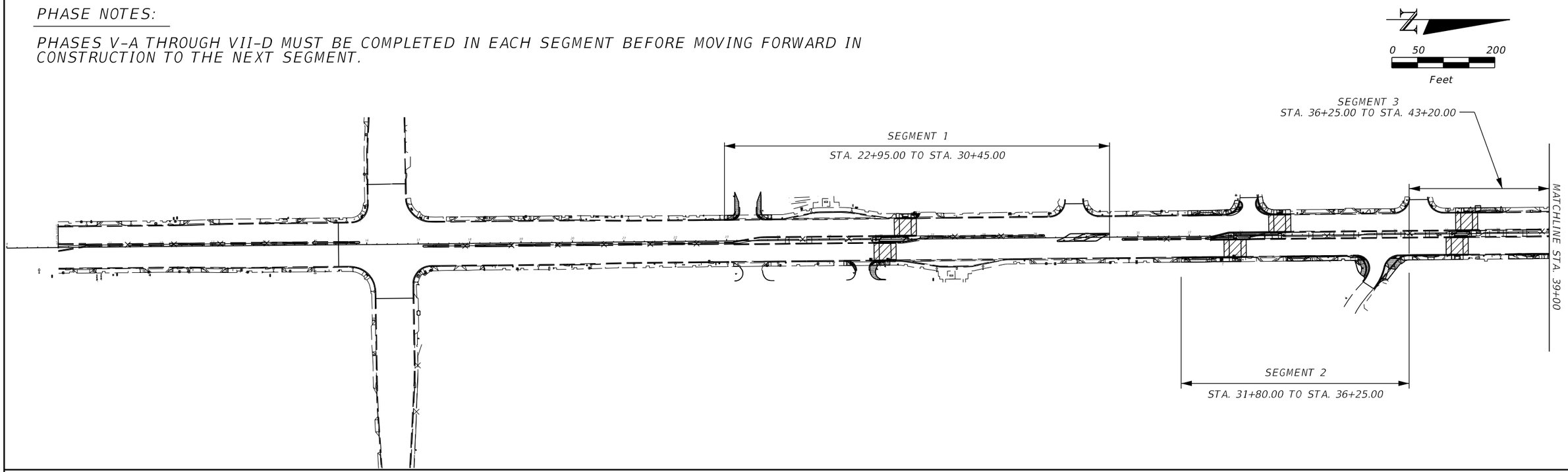
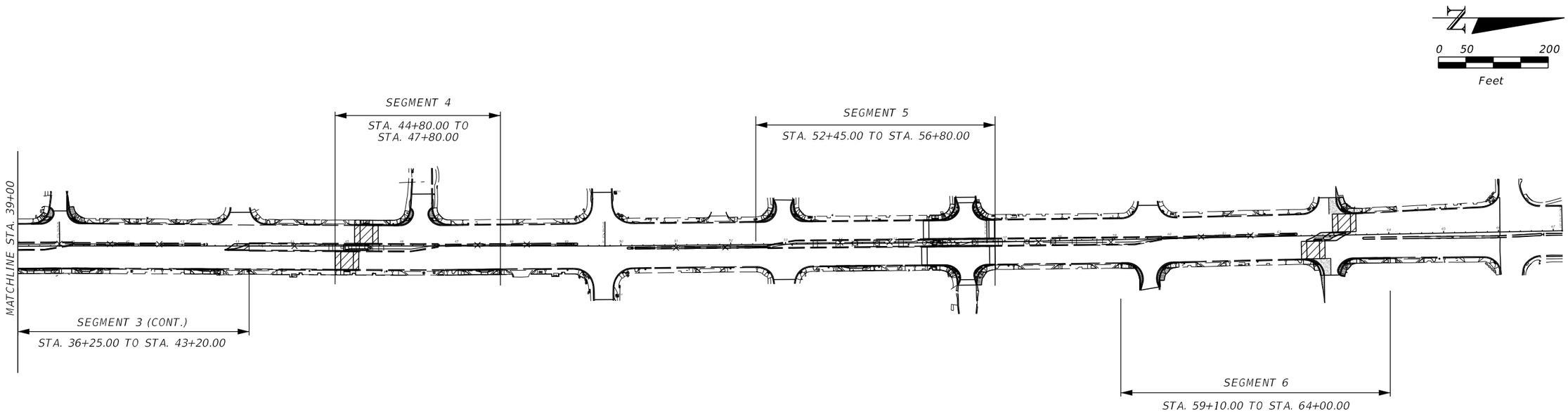
TTCP
TYPICAL SECTIONS

SHEET NO. 25

PHASE NOTES:

PHASES V-A THROUGH VII-D MUST BE COMPLETED IN EACH SEGMENT BEFORE MOVING FORWARD IN CONSTRUCTION TO THE NEXT SEGMENT.





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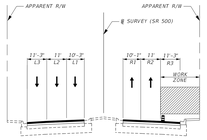
PHASE V - VII
TTCP LAYOUT

SHEET NO. 26

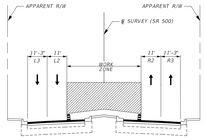
PHASE V-A



PHASE V-A NOTES

1. CONSTRUCT NORTHBOUND ROADSIDE WORK.
2. FOR LOCATION SPECIFIC PHASE NOTES AND PEDESTRIAN DETOUR PHASE NOTES REFER TO SUBSEQUENT DETAIL SHEETS.

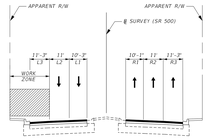
PHASE V-B



PHASE V-B NOTES

1. CONSTRUCT MEDIAN WORK.
2. FOR LOCATION SPECIFIC PHASE NOTES AND PEDESTRIAN DETOUR PHASE NOTES REFER TO SUBSEQUENT DETAIL SHEETS.

PHASE V-C

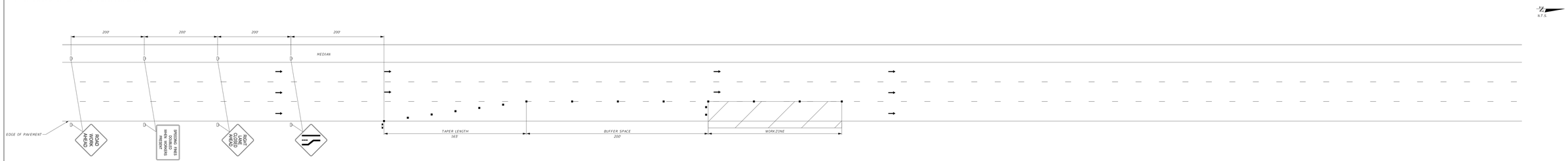


PHASE V-C NOTES

1. CONSTRUCT SOUTHBOUND ROADSIDE WORK.
2. FOR LOCATION SPECIFIC PHASE NOTES AND PEDESTRIAN DETOUR PHASE NOTES REFER TO SUBSEQUENT DETAIL SHEETS.

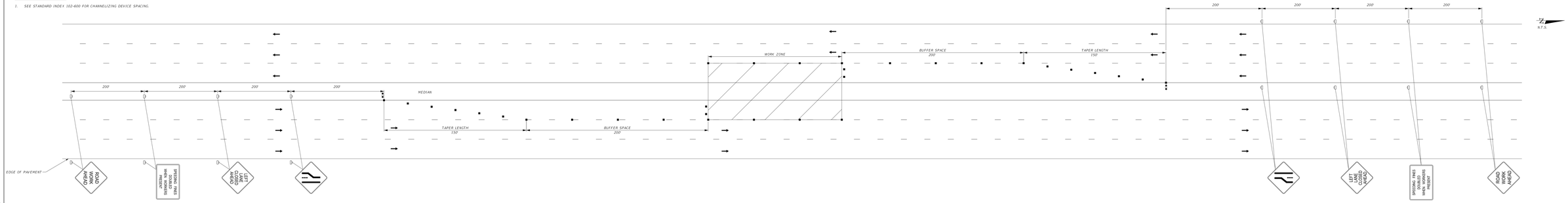
PHASE V-A & V-C VEHICULAR TTCP

1. MIRROR VEHICULAR TTCP FOR SB DIRECTION.
2. SEE STANDARD INDEX 102-600 FOR CHANNELIZING DEVICE SPACING.



PHASE V-B VEHICULAR TTCP

1. SEE STANDARD INDEX 102-600 FOR CHANNELIZING DEVICE SPACING.



GENERAL NOTES

1. ALL LANE WIDTHS SHOWN IN THIS PHASE ARE TYPICAL. SEE SIGNING AND PAVEMENT MARKING PLANS FOR STRIPING DETAILS.

LEGEND

- CHANNELIZING DEVICE
- WORK ZONE SIGN
- WORK ZONE
- ADVANCE WARNING ARROW BOARD

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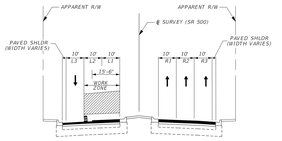
SR 500	ORANGE	447395-1-52-01

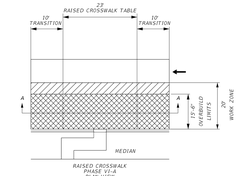
PHASE V TTCP DETAILS

SHEET NO. 27

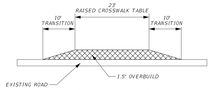
im543el $DATE$ RC DETAIL-LARGE FORMAT
C:\projects\447395152\roadway\TCDTRD01.dgn

PHASE VI-A





RAISED CROSSWALK
PHASE VI-A
PLAN VIEW



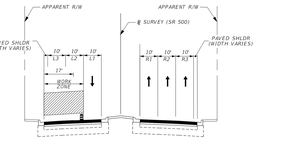
RAISED CROSSWALK OVERBUILD
PHASE VI-A
SECTION A-A

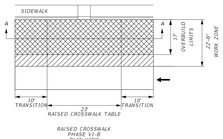
PHASE VI-A NOTES

1. INSTALL RAISED RUMBLE STRIPS.
2. PAVE VARIABLE DEPTH OVERBUILD ALONG 10' TRANSITIONS. PAVE 1.5" OVERBUILD ALONG 22' RAISED CROSSWALK TABLE.*
3. COMPLETE PHASE VI-A AND VI-B IN A SINGLE WORK PERIOD.
4. PLACE TEMPORARY STRIPING.

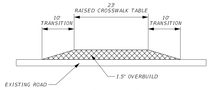
*SEE INTERSECTION DETAIL SHEET FOR SEGMENT 5 PROPOSED WORK

PHASE VI-B





RAISED CROSSWALK
PHASE VI-B
PLAN VIEW



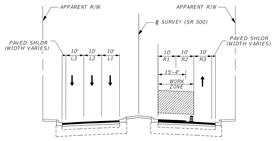
RAISED CROSSWALK OVERBUILD
PHASE VI-B
SECTION A-A

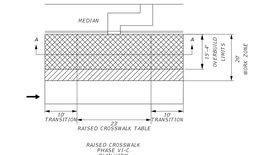
PHASE VI-B NOTES

1. INSTALL RAISED RUMBLE STRIPS.
2. REMOVE TEMPORARY ASPHALT RAMPS.
3. PAVE VARIABLE DEPTH OVERBUILD ALONG 10' TRANSITIONS. PAVE 1.5" OVERBUILD ALONG 22' RAISED CROSSWALK TABLE.*
4. COMPLETE PHASE VI-A AND VI-B IN A SINGLE WORK PERIOD.
5. PLACE TEMPORARY STRIPING.
6. CONSTRUCT 1:12 MAX TEMPORARY ASPHALT RAMPS AT 37TH ST. CURB RAMPS.

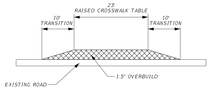
*SEE INTERSECTION DETAIL SHEET FOR SEGMENT 5 PROPOSED WORK

PHASE VI-C





RAISED CROSSWALK
PHASE VI-C
PLAN VIEW



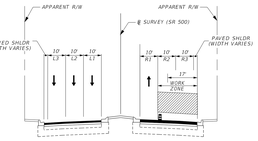
RAISED CROSSWALK OVERBUILD
PHASE VI-C
SECTION A-A

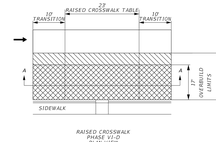
PHASE VI-C NOTES

1. INSTALL RAISED RUMBLE STRIPS.
2. PAVE VARIABLE DEPTH OVERBUILD ALONG 10' TRANSITIONS. PAVE 1.5" OVERBUILD ALONG 22' RAISED CROSSWALK TABLE.*
3. COMPLETE PHASE VI-C AND VI-D IN A SINGLE WORK PERIOD.
4. PLACE TEMPORARY STRIPING.

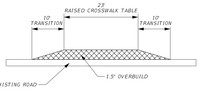
*SEE INTERSECTION DETAIL SHEET FOR SEGMENT 5 PROPOSED WORK

PHASE VI-D





RAISED CROSSWALK
PHASE VI-D
PLAN VIEW



RAISED CROSSWALK OVERBUILD
PHASE VI-D
SECTION A-A

PHASE VI-D NOTES

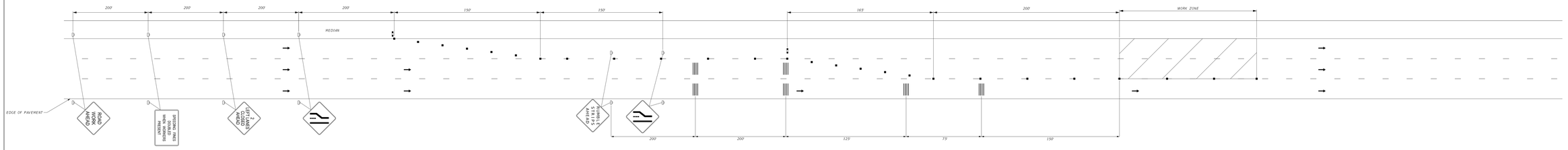
1. INSTALL RAISED RUMBLE STRIPS.
2. REMOVE TEMPORARY ASPHALT RAMPS.
3. PAVE VARIABLE DEPTH OVERBUILD ALONG 10' TRANSITIONS. PAVE 1.5" OVERBUILD ALONG 22' RAISED CROSSWALK TABLE.*
4. COMPLETE PHASE VI-C AND VI-D IN A SINGLE WORK PERIOD.
5. PLACE TEMPORARY STRIPING.
6. CONSTRUCT 1:12 MAX TEMPORARY ASPHALT RAMPS AT 37TH ST. CURB RAMPS.

*SEE INTERSECTION DETAIL SHEET FOR SEGMENT 5 PROPOSED WORK

PHASE VI-A & VI-C VEHICULAR TTCP

1. MIRROR VEHICULAR TTCP FOR SB DIRECTION.
2. SEE STANDARD INDEX 102-600 FOR CHANNELIZING DEVICE SPACING.

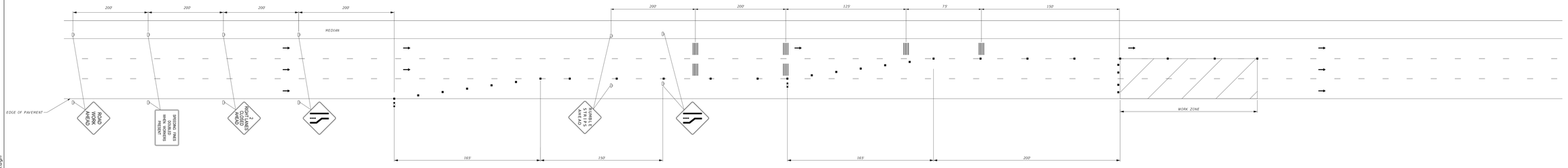
N.T.S.



PHASE VI-B & VI-D VEHICULAR TTCP

1. MIRROR VEHICULAR TTCP FOR SB DIRECTION.
2. SEE STANDARD INDEX 102-600 FOR CHANNELIZING DEVICE SPACING.

N.T.S.



LEGEND
- CHANNELIZING DEVICE
- WORK ZONE SIGN
- WORK ZONE
- ADVANCE WARNING ARROW BOARD
- RAISED RUMBLE STRIPS

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.84259
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

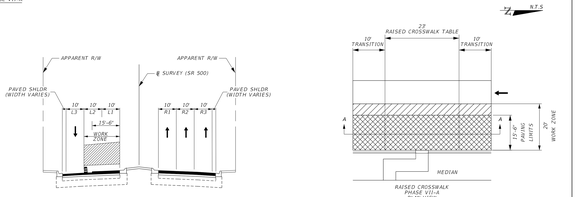
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

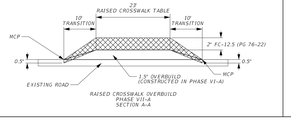
PHASE VI TTCP DETAILS

SHEET NO. 28

im543al $DATE$ RC_DETAILLARGE_FORMAT
C:\projects\447395152201\roadway\TCDTRD01.dgn

PHASE VII-A



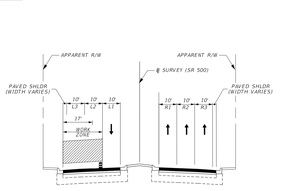


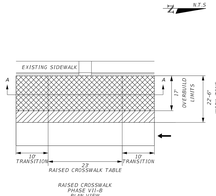
PHASE VII-A NOTES

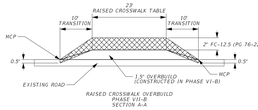
1. MILL 0.5" AT MILLING CONTROL POINTS (MCP) IN SOUTHBOUND INSIDE LANE AND PARTIAL WIDTH OF CENTER LANE.
2. PAVE VARIABLE DEPTHS ALONG 10' TRANSITIONS. PAVE 2" ALONG 23' RAISED CROSSWALK TABLE.*
3. PLACE TEMPORARY STRIPING.
4. COMPLETE PHASES VII-A AND VII-B IN A SINGLE WORK PERIOD.

*SEE INTERSECTION DETAIL SHEET FOR SEGMENT 5 PROPOSED WORK

PHASE VII-B





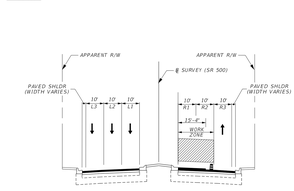


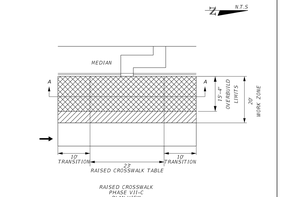
PHASE VII-B NOTES

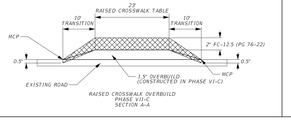
1. REMOVE TEMPORARY ASHPALT RAMPS.
2. MILL 0.5" AT MILLING CONTROL POINTS (MCP) IN SOUTHBOUND OUTSIDE LANE AND REMAINING WIDTH OF CENTER LANE.
3. PAVE VARIABLE DEPTHS ALONG 10' TRANSITIONS. PAVE 2" ALONG 23' RAISED CROSSWALK TABLE.*
4. PLACE TEMPORARY STRIPING.
5. COMPLETE PHASES VII-A AND VII-B IN A SINGLE WORK PERIOD.
6. IN SEGMENT 6, MILL AND RESURFACE 35TH ST. AND OVERBUILD WESTBOUND 35TH ST IN THIS PHASE.

*SEE INTERSECTION DETAIL SHEET FOR SEGMENT 5 PROPOSED WORK

PHASE VII-C





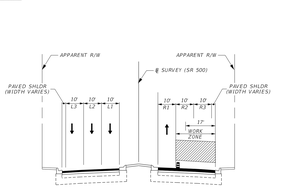


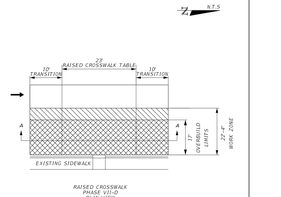
PHASE VII-C NOTES

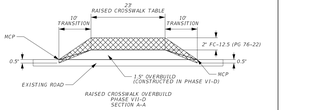
1. MILL 0.5" AT MILLING CONTROL POINTS (MCP) IN NORTHBOUND INSIDE LANE AND PARTIAL WIDTH OF CENTER LANE.
2. PAVE VARIABLE DEPTHS ALONG 10' TRANSITIONS. PAVE 2" ALONG 23' RAISED CROSSWALK TABLE.*
3. PLACE TEMPORARY STRIPING.
4. COMPLETE PHASES VII-C AND VII-D IN A SINGLE WORK PERIOD.

*SEE INTERSECTION DETAIL SHEET FOR SEGMENT 5 PROPOSED WORK

PHASE VII-D







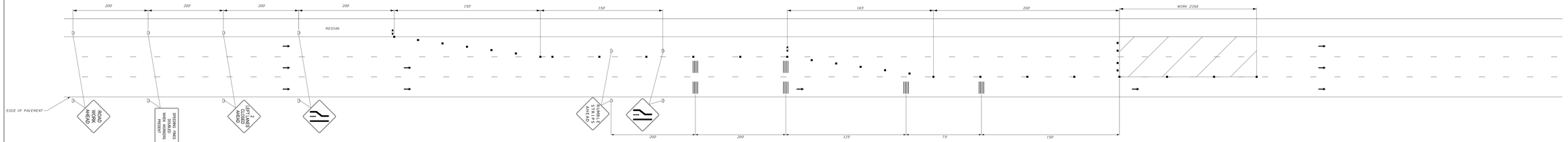
PHASE VII-D NOTES

1. REMOVE TEMPORARY ASPHALT RAMPS.
2. MILL 0.5" AT MILLING CONTROL POINTS (MCP) IN NORTHBOUND OUTSIDE LANE AND REMAINING WIDTH OF CENTER LANE.
3. PAVE VARIABLE DEPTHS ALONG 10' TRANSITIONS. PAVE 2" ALONG 23' RAISED CROSSWALK TABLE.*
4. PLACE TEMPORARY STRIPING.
5. COMPLETE PHASES VII-C AND VII-D IN A SINGLE WORK PERIOD.
6. IN SEGMENT 6, MILL AND RESURFACE 35TH ST. AND OVERBUILD EASTBOUND 35TH ST IN THIS PHASE.

*SEE INTERSECTION DETAIL SHEET FOR SEGMENT 5 PROPOSED WORK

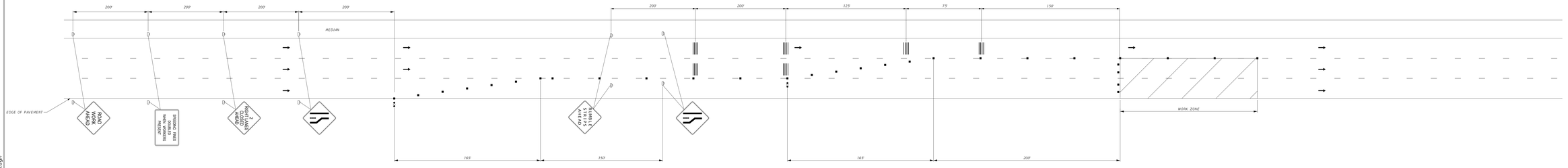
PHASE VII-A & VII-C VEHICULAR TTCP

1. MIRROR VEHICULAR TTCP FOR SB DIRECTION.
2. SEE STANDARD INDEX 102-600 FOR CHANNELIZING DEVICE SPACING.



PHASE VII-B & VII-D VEHICULAR TTCP

1. MIRROR VEHICULAR TTCP FOR SB DIRECTION.
2. SEE STANDARD INDEX 102-600 FOR CHANNELIZING DEVICE SPACING.



LEGEND

- CHANNELIZING DEVICE
- WORK ZONE SIGN
- WORK ZONE
- ADVANCE WARNING ARROW BOARD

MCP MILLING CONTROL POINT

RAISED RUMBLE STRIPS

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DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.84679
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

PHASE VII TTCP DETAILS

SHEET NO. 29

$DATE$ RC DETAILLARGE FORMAT
C:\proj\ects\447395\520\roadway\TCDTRD01.dgn
im543al

DETOUR NOTES

1. THIS DETOUR MUST BE USED FOR SEGMENT 6 IN THE FOLLOWING PHASES:

   PHASE V-C
   PHASE VI-A AND VI-B
   PHASE VII-A AND VII-B

N.T.S

2 WEEKS PRIOR TO DETOUR

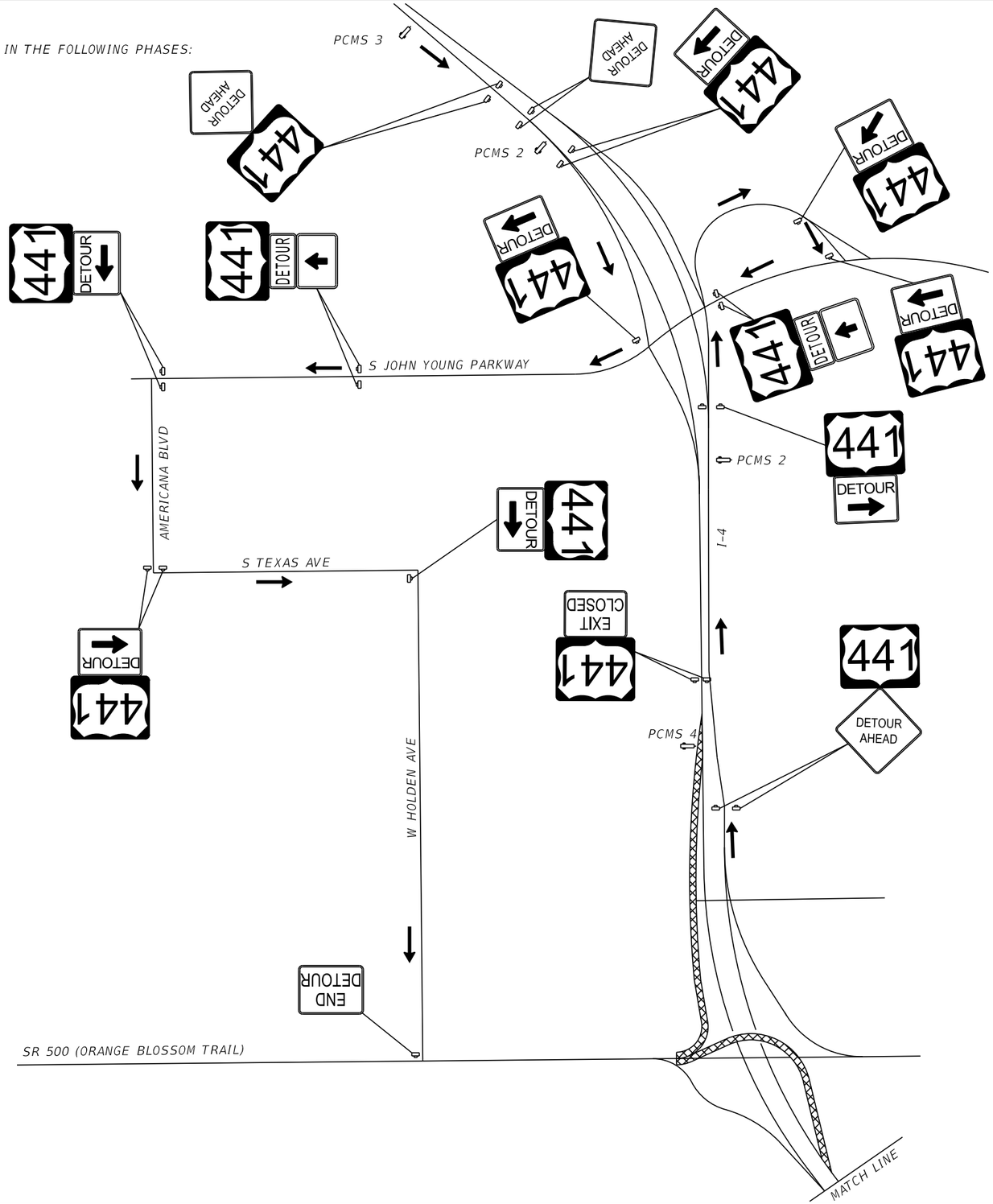
PCMS 1 & 4	BEGIN <DATE> <TIME>	RAMP TO US 441 CLOSING

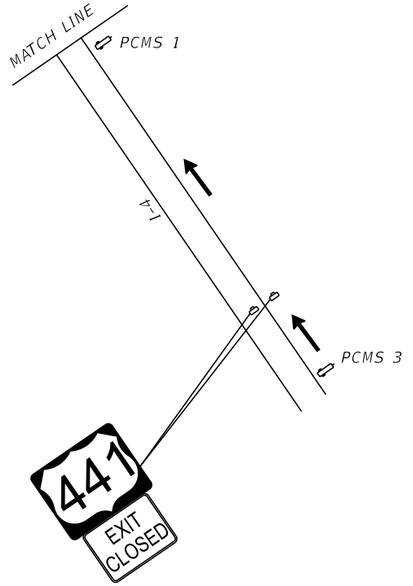
DURING DETOUR

PCMS 2	RAMP TO US 441 CLOSED	EXIT HERE
PCMS 1 & 3	RAMP TO US 441 CLOSED	FOLLOW DETOUR
PCMS 4	RAMP TO US 441 CLOSED	USE NEXT EXIT

LEGEND

- DETOUR ROUTES
- RAMP CLOSURE
- PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN
- WORK ZONE SIGN





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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

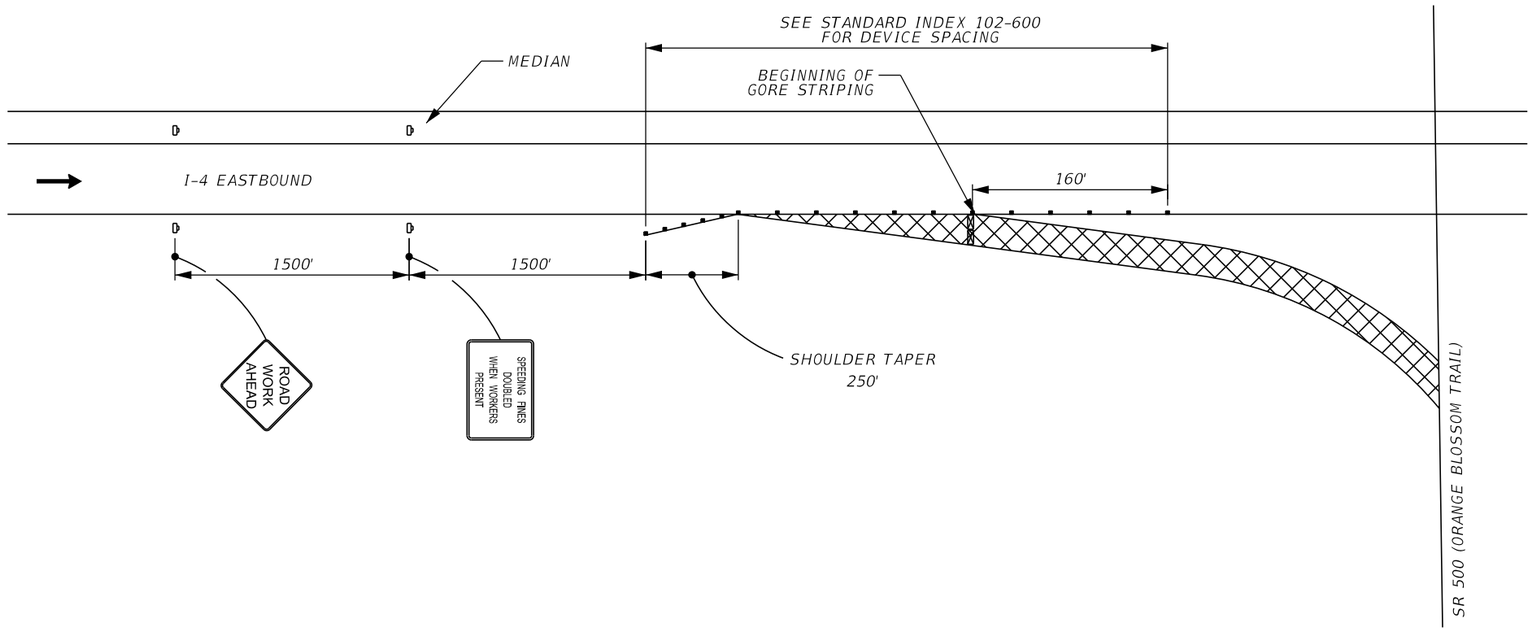
DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
500	ORANGE	447395-1-52-01

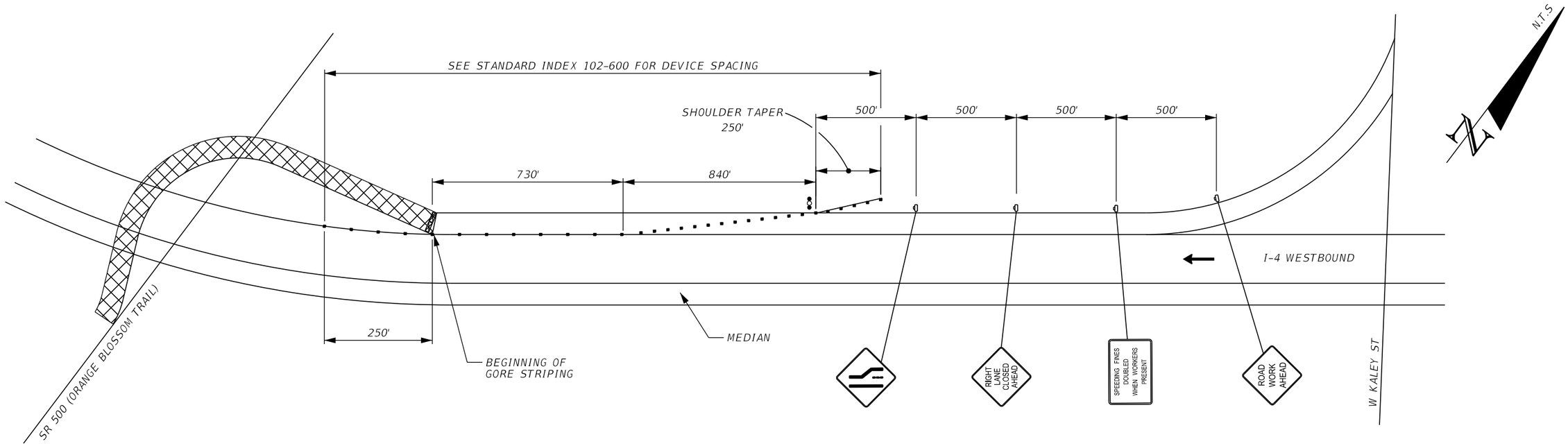
TTCP RAMP CLOSURE DETOUR
I-4 EB / WB OFF RAMPS

SHEET NO. 30



LEGEND

- RAMP CLOSURE
- TYPE III BARRICADE
- WORK ZONE SIGN
- CHANNELIZING DEVICE
- DIRECTION OF TRAVEL
- ADVANCE WARNING ARROW BOARD



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

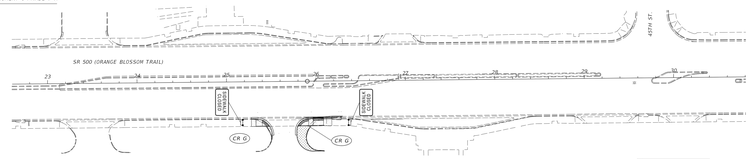
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
500	ORANGE	447395-1-52-01

TTCP RAMP CLOSURE DETAIL
I-4 EB / WB OFF RAMPS

SHEET NO. 31

SEGMENT 1 PEDESTRIAN TTCP:

SEGMENT 1 PHASE V-A

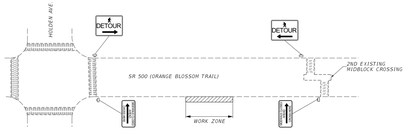


SEGMENT 1 PHASE V-A NOTES:

1. INSTALL SIGNAGE AND LCD AS INDICATED.
2. REMOVE EXISTING CONCRETE AND PERFORM CLEARING AND GRUBBING.
3. PERFORM DRAINAGE WORK.
   CONSTRUCT CURB LINE, CR-G RAMPS, LANDING, AND SIDEWALK.
   PLACE DETECTABLE WARNINGS.
4. PLACE TYPE III BARRICADES AS SHOWN IN INSET A.
5. REMOVE LCD AND SIGNAGE.

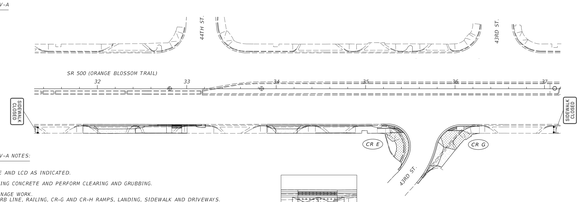
INSET A

SEGMENT 1 PHASE V-A PEDESTRIAN DETOUR:



SEGMENT 2 PEDESTRIAN TTCP:

SEGMENT 2 PHASE V-A



SEGMENT 2 PHASE V-A NOTES:

1. PLACE SIGNAGE AND LCD AS INDICATED.
2. REMOVE EXISTING CONCRETE AND PERFORM CLEARING AND GRUBBING.
3. PERFORM DRAINAGE WORK.
   CONSTRUCT CURB LINE, RAILING, CR-G AND CR-H RAMPS, LANDING, SIDEWALK AND DRIVEWAYS.
   PLACE DETECTABLE WARNINGS.
   PLACE SOD AS INDICATED.
4. PLACE TYPE III BARRICADES AS SHOWN IN INSET C.
5. REMOVE SIGNAGE AND LCD.

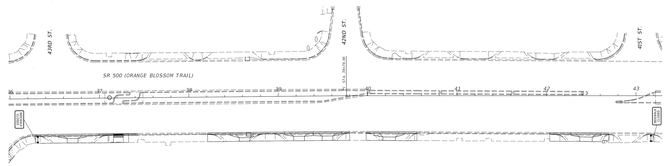
INSET C

SEGMENT 2 PHASE V-A PEDESTRIAN DETOUR:

UTILIZE PEDESTRIAN ESCORTS IN WORK ZONE.

SEGMENT 3 PEDESTRIAN TTCP:

SEGMENT 3 PHASE V-A

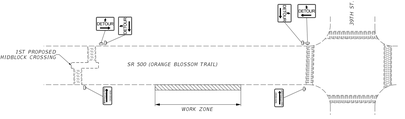


SEGMENT 3 PHASE V-A NOTES:

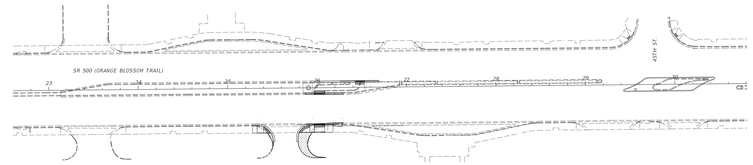
1. PLACE SIGNAGE AND LCD AS INDICATED.
2. REMOVE EXISTING CONCRETE AND PERFORM CLEARING AND GRUBBING.
3. CONSTRUCT RC CHANNEL GUTTER AND GRATE, LANDING SIDEWALK AND DRIVEWAYS.
   PLACE DETECTABLE WARNING.
4. PLACE TYPE III BARRICADES SHOWN IN INSET E.
5. REMOVE SIGNAGE AND LCD.

INSET E

SEGMENT 3 PHASE V-A PEDESTRIAN DETOUR:



SEGMENT 1 PHASE V-B

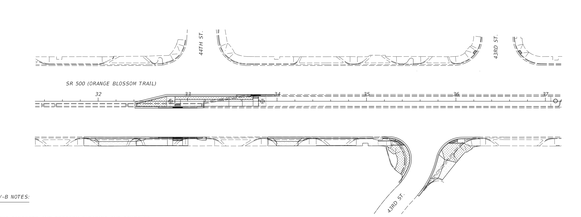


SEGMENT 1 PHASE V-B NOTES:

1. REMOVE EXISTING CONCRETE AND PERFORM CLEARING AND GRUBBING.
2. CONSTRUCT RC CHANNEL GUTTER WITH GRATE, PEDESTRIAN REFUGE, AND DIRECTIONAL MEDIAN.
   REPLACE ALL DETECTABLE WARNINGS.

NO PEDESTRIAN DETOURS NEEDED IN THIS PHASE

SEGMENT 2 PHASE V-B

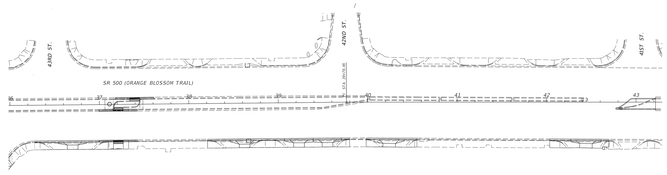


SEGMENT 2 PHASE V-B NOTES:

1. REMOVE EXISTING CONCRETE AND PERFORM CLEARING AND GRUBBING.
2. CONSTRUCT CURB LINE, RC CHANNEL GUTTERS WITH GRATES, AND PEDESTRIAN REFUGE.
   PLACE ALL DETECTABLE WARNINGS.
   PLACE SOD AS INDICATED.

NO PEDESTRIAN DETOURS NEEDED IN THIS PHASE

SEGMENT 3 PHASE V-B

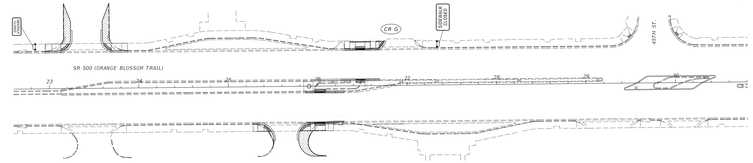


SEGMENT 3 PHASE V-B NOTES:

1. REMOVE EXISTING CONCRETE AND PERFORM CLEARING AND GRUBBING.
2. CONSTRUCT CURB LINE RC CHANNEL GUTTERS WITH GRATES, AND PEDESTRIAN REFUGE AND RECONSTRUCT MEDIAN.
   REPLACE ALL DETECTABLE WARNINGS.
   PLACE SOD AS INDICATED.

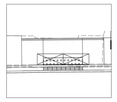
NO PEDESTRIAN DETOURS NEEDED IN THIS PHASE

SEGMENT 1 PHASE V-C



SEGMENT 1 PHASE V-C NOTES:

1. PLACE SIGNAGE AND LCD AS INDICATED.
2. REMOVE EXISTING CONCRETE AND PERFORM CLEARING AND GRUBBING.
3. PERFORM DRAINAGE WORK.
   CONSTRUCT CURB LINE, RAILING, CR-G RAMP, LANDINGS, SIDEWALK AND RC CHANNEL GUTTER WITH GRATE.
   PLACE DETECTABLE WARNINGS.
   PLACE SOD AS INDICATED.
4. PLACE TYPE III BARRICADES AS SHOWN IN INSET B.
5. REMOVE LCD AND SIGNAGE.

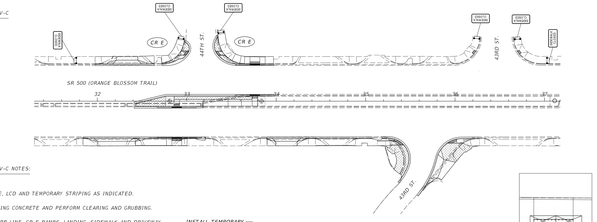


INSET B

SEGMENT 1 PHASE V-C PEDESTRIAN DETOUR:

UTILIZE PEDESTRIAN ESCORTS IN WORK ZONE.

SEGMENT 2 PHASE V-C

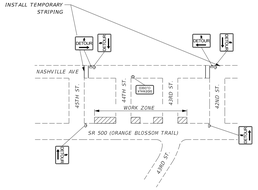


SEGMENT 2 PHASE V-C NOTES:

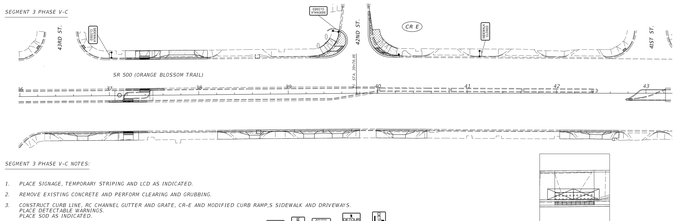
1. PLACE SIGNAGE, LCD AND TEMPORARY STRIPING AS INDICATED.
2. REMOVE EXISTING CONCRETE AND PERFORM CLEARING AND GRUBBING.
3. CONSTRUCT CURB LINE, CR-E RAMPS, LANDING, SIDEWALK AND DRIVEWAY.
   PLACE ALL DETECTABLE WARNINGS.
   PLACE SOD AS INDICATED.
4. PLACE TYPE III BARRICADES AS SHOWN IN INSET D.
5. REMOVE SIGNAGE, TEMPORARY STRIPING AND LCD.

INSET D

SEGMENT 2 PHASE V-C PEDESTRIAN DETOUR:



SEGMENT 3 PHASE V-C

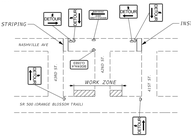


SEGMENT 3 PHASE V-C NOTES:

1. PLACE SIGNAGE, TEMPORARY STRIPING AND LCD AS INDICATED.
2. REMOVE EXISTING CONCRETE AND PERFORM CLEARING AND GRUBBING.
3. CONSTRUCT CURB LINE, RC CHANNEL GUTTER AND GRATE, CR-E AND MODIFIED CURB RAMP,S SIDEWALK AND DRIVEWAYS.
   PLACE DETECTABLE WARNINGS.
   PLACE SOD AS INDICATED.
4. PLACE TYPE III BARRICADES SHOWN IN INSET F.
5. REMOVE SIGNAGE, TEMPORARY STRIPING AND LCD.

INSET F

SEGMENT 3 PHASE V-C PEDESTRIAN DETOUR:



LEGEND

- WORK ZONE SIGN
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES (LCD) WITH MOUNTED WORK ZONE SIGN OR SEPARATE
- WORK ZONE
- TYPE III BARRICADE

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84078
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

PEDESTRIAN TTCP

SHEET NO. 32

im543al $DATE$ BLOCK PED_TTCP_40 SCALE
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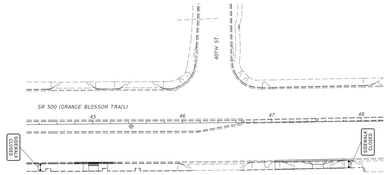
SEGMENT 4 PEDESTRIAN TTCP:

SEGMENT 4 PHASE V-A



SEGMENT 4 PHASE V-A NOTES:

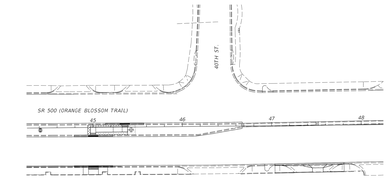
1. PLACE SIGNAGE AND LCD AS INDICATED.
2. REMOVE EXISTING CONCRETE AND PERFORM CLEARING AND GRUBBING.
3. CONSTRUCT CURB LINE, RC CHANNEL GUTTER AND GRATE, LANDING, SIDEWALK AND DRIVEWAY. PLACE DETECTABLE WARNING.
4. PLACE TYPE III BARRICADES AS SHOWN IN INSET G.
5. REMOVE SIGNAGE AND LCD.

INSET G

SEGMENT 4 PHASE V-A PEDESTRIAN DETOUR:

UTILIZE PEDESTRIAN ESCORTS IN WORK ZONE.

SEGMENT 4 PHASE V-B

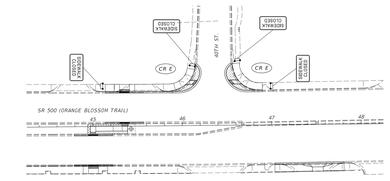


SEGMENT 4 PHASE V-B NOTES:

1. REMOVE EXISTING CONCRETE AND PERFORM CLEARING AND GRUBBING.
2. CONSTRUCT CURB LINE RC CHANNEL GUTTERS WITH GRATES, AND PEDESTRIAN REFUGE. PLACE ALL DETECTABLE WARNINGS.

NO PEDESTRIAN DETOURS NEEDED IN THIS PHASE

SEGMENT 4 PHASE V-C

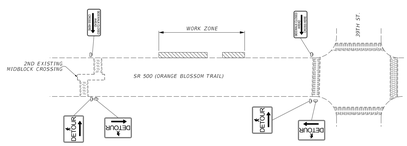


SEGMENT 4 PHASE V-C NOTES:

1. PLACE SIGNAGE AND LCD AS INDICATED.
2. REMOVE EXISTING CONCRETE AND PERFORM CLEARING AND GRUBBING.
3. CONSTRUCT CURB LINE, RC CHANNEL GUTTER AND GRATE, CR-E RAMPS, LANDING AND SIDEWALK. PLACE DETECTABLE WARNINGS. PLACE SOD AS INDICATED.
4. PLACE TYPE III BARRICADES AS SHOWN IN INSET H.
5. REMOVE SIGNAGE AND LCD.

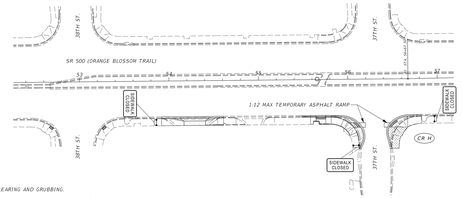
INSET H

SEGMENT 4 PHASE V-C PEDESTRIAN DETOUR:



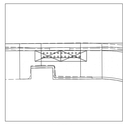
SEGMENT 5 PEDESTRIAN TTCP:

SEGMENT 5 PHASE V-A



SEGMENT 5 PHASE V-A NOTES:

1. PLACE SIGNAGE AND LCD AS INDICATED.
2. REMOVE EXISTING CONCRETE AND PERFORM CLEARING AND GRUBBING.
3. CONSTRUCT CURB LINE, RC CHANNEL GUTTER WITH GRATE, CR-H RAMP, MODIFIED CURB RAMP, LANDING, SIDEWALK AND DRIVEWAY. PLACE DETECTABLE WARNINGS. PLACE SOD AS INDICATED.
4. PLACE TYPE III BARRICADES AS SHOWN IN INSET I.
5. REMOVE SIGNAGE, TEMPORARY STRIPING AND LCD.
6. CONSTRUCT TEMPORARY ASPHALT RAMPS.

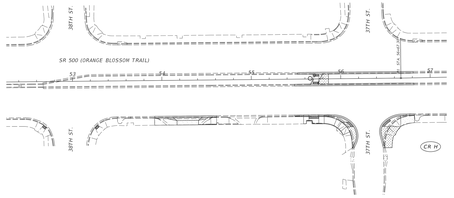


INSET I

SEGMENT 5 PHASE V-A PEDESTRIAN DETOUR:

UTILIZE PEDESTRIAN ESCORTS IN WORK ZONE.

SEGMENT 5 PHASE V-B

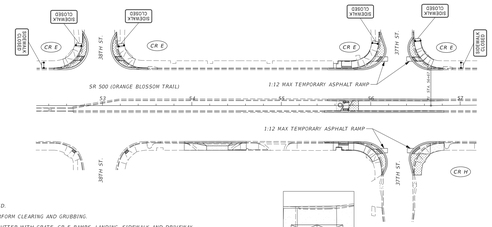


SEGMENT 5 PHASE V-B NOTES:

1. REMOVE EXISTING CONCRETE AND PERFORM CLEARING AND GRUBBING.
2. CONSTRUCT CURB LINE RC CHANNEL GUTTERS WITH GRATES, AND PEDESTRIAN REFUGE. PLACE ALL DETECTABLE WARNINGS.

NO PEDESTRIAN DETOURS NEEDED IN THIS PHASE

SEGMENT 5 PHASE V-C



SEGMENT 5 PHASE V-C NOTES:

1. PLACE SIGNAGE AND LCD AS INDICATED.
2. REMOVE EXISTING CONCRETE AND PERFORM CLEARING AND GRUBBING.
3. CONSTRUCT CURB LINE, RC CHANNEL GUTTER WITH GRATE, CR-E RAMPS, LANDING, SIDEWALK AND DRIVEWAY. PLACE DETECTABLE WARNINGS. PLACE SOD AS INDICATED.
4. PLACE TYPE III BARRICADES AS SHOWN IN INSET J.
5. REMOVE SIGNAGE, TEMPORARY STRIPING AND LCD.
6. CONSTRUCT TEMPORARY ASPHALT RAMPS.

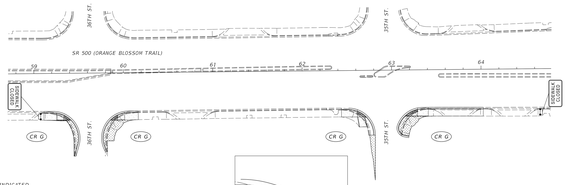
INSET J

SEGMENT 5 PHASE V-C PEDESTRIAN DETOUR:

UTILIZE PEDESTRIAN ESCORTS IN WORK ZONE.

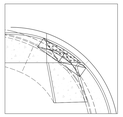
SEGMENT 6 PEDESTRIAN TTCP:

SEGMENT 6 PHASE V-A



SEGMENT 6 PHASE V-A NOTES:

1. PLACE SIGNAGE AND LCD AS INDICATED.
2. REMOVE EXISTING CONCRETE AND PERFORM CLEARING AND GRUBBING.
3. CONSTRUCT CURB LINE, CR-G RAMPS AND SIDEWALK. PLACE DETECTABLE WARNINGS. PLACE SOD AS INDICATED.
4. PLACE TYPE III BARRICADES AS SHOWN IN INSET K.
5. REMOVE SIGNAGE AND LCD.



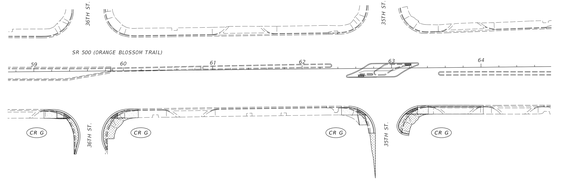
INSET K

SEGMENT 6 PHASE V-A PEDESTRIAN DETOUR:

UTILIZE PEDESTRIAN ESCORTS IN WORK ZONE.

PEDESTRIAN ESCORTS WILL REMAIN UNTIL THE COMPLETION OF PHASE VII.

SEGMENT 6 PHASE V-B

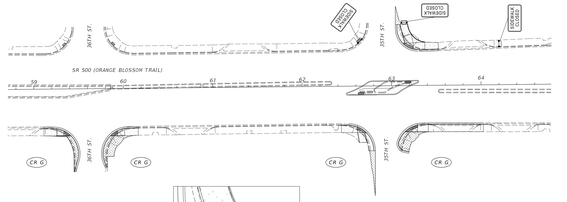


SEGMENT 6 PHASE V-B NOTES:

1. REMOVE EXISTING CONCRETE AND PERFORM CLEARING AND GRUBBING.
2. CONSTRUCT CURB LINE AND CONCRETE DIRECTIONAL ISLAND. PLACE ALL DETECTABLE WARNINGS.

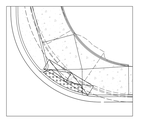
NO PEDESTRIAN DETOURS NEEDED IN THIS PHASE

SEGMENT 6 PHASE V-C



SEGMENT 6 PHASE V-C NOTES:

1. PLACE SIGNAGE AND LCD AS INDICATED.
2. REMOVE EXISTING CONCRETE AND PERFORM CLEARING AND GRUBBING.
3. CONSTRUCT CURB LINE, RAILING, LANDING AND SIDEWALK. PLACE ALL DETECTABLE WARNINGS. PLACE SOD AS INDICATED.
4. PLACE TYPE III BARRICADES AS SHOWN IN INSET L.
5. REMOVE SIGNAGE AND LCD.



INSET L

SEGMENT 6 PHASE V-C PEDESTRIAN DETOUR:

UTILIZE PEDESTRIAN ESCORTS IN WORK ZONE.

PEDESTRIAN ESCORTS WILL REMAIN UNTIL THE COMPLETION OF PHASE VII.

LEGEND

- WORK ZONE SIGN
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES (LCD) WITH MOUNTED WORK ZONE SIGN OR SEPARATE
- WORK ZONE
- TYPE III BARRICADE

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.84259
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

PEDESTRIAN TTCP

SHEET NO. 33

im543d $DATE$ BLOCK PED TTCP 40 SCALE
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GENERAL NOTES

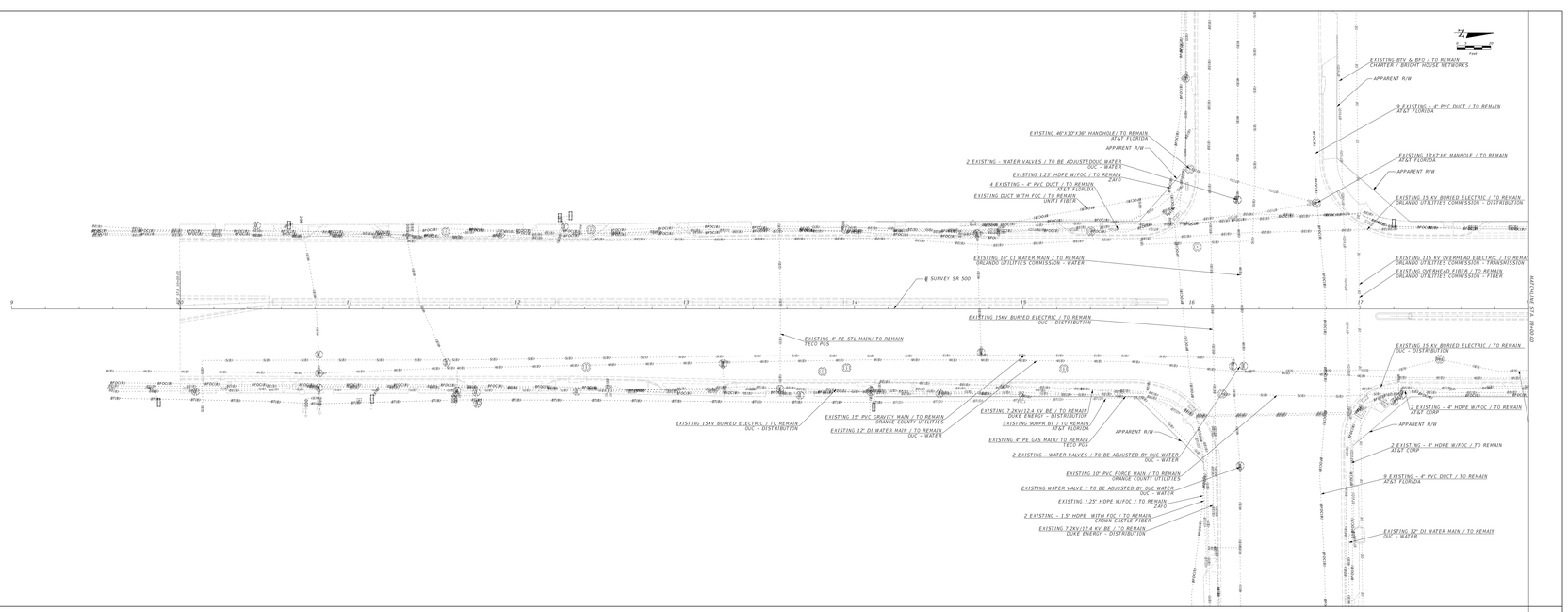
1. UTILITY/AGENCY OWNERS:

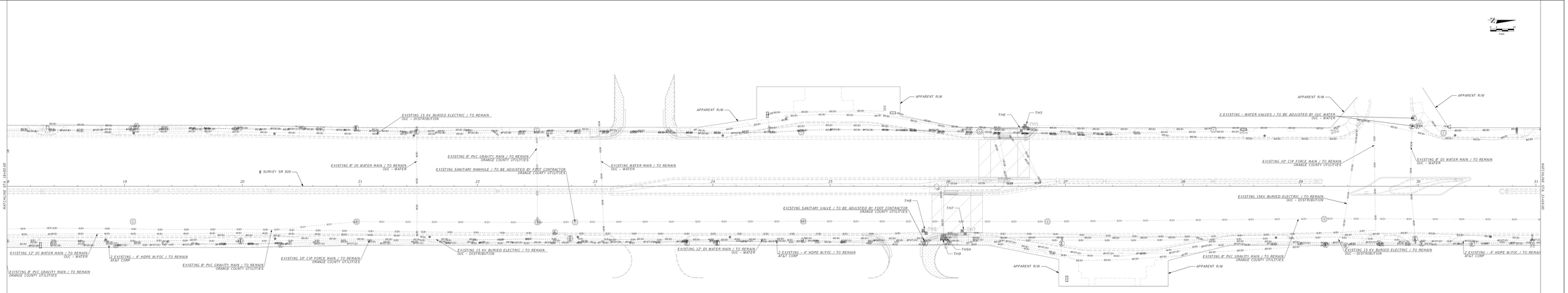
COMPANY	CONTACT	TELEPHONE NUMBERS
AT&T CORPORATION	GREG JACOBSON	(813) 342 - 0512
AT&T FLORIDA	ALAN REYNOLDS	(407) 351 - 8180
CHARTER/SPECTRUM/BRIGHTHOUSE NETWORKS	RONALD TYNES	(407) 215 - 5864
CROWN CASTLE FIBER	DANNY BARNETT	(786) 610 - 1074
DUKE ENERGY DISTRIBUTION	MARK HAMILTON	(407) 905 - 3076
DUKE ENERGY FIBER	JOSE HERNANDEZ	(727) 820 - 5208
ORANGE COUNTY UTILITIES	ROBERT SCHEUERLE	(407) 254 - 9718
ORANGE COUNTY UTILITIES COMM. - ELEC. DIST.	ROBERT SCHEUERLE	(407) 221 - 8597
ORANGE COUNTY UTILITIES COMM. - ELEC. TRAN.	ROBERT SCHEUERLE	(407) 221 - 8597
ORANGE COUNTY UTILITIES COMM. - FIBER	ROBERT SCHEUERLE	(407) 221 - 8597
ORANGE COUNTY UTILITIES COMM. - WATER	ROBERT SCHEUERLE	(407) 221 - 8597
SPECTRUM (fka BRIGHTHOUSE) (aka ORLANDO TELEPHONE)	MICHELLE DANIEL	(407) 996 - 1183
TECO PEOPLES GAS	SHAWN WINSOR	(407) 420 - 6663
UNITI FIBER	TIM COLE	(407) 841 - 4426
VERIZON BUSINESS (aka MCI)	TIM COLE	(407) 841 - 4426
ZAYO GROUP (fka LIGHTWAVE)	DEAN PATE	(407) 605 - 6125

2. THE LOCATIONS OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vx, Vh AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS MAY NOT BEEN VERIFIED.

SUMMARY OF VERIFIED UTILITIES

Vvh #	UTILITY DESCRIPTION (Owner - Type)	SIZE	MATERIALS	℄ SURVEY SR 500 STATION	℄ SURVEY SR 500 OFFSET	℄ SURVEY SR 500 ↕℄ / RT	EXISTING GROUND ELEVATION	TOP ELEVATION	COMMENTS
Vv1	GAS	4.5"	STEEL	46+41.90	90.8	RT	104.35	100.35	
Vv2	GAS	2.5"	STEEL	46+41.90	90.8	RT	104.35	101.55	
Vv3	?UL	4.5"	STEEL	32+88.41	28.8	RT	104.65	99.17	
Vv4	POSSIBLE UL	12"	DIP	32+62.28	46.4	RT	104.64	101.12	POSSIBLE ABANDONED WATER LINE
Vvh4	SPAN	2" - 5.5"	PVC	32+62.51	43.1	RT	101.13	97.73	
Vh5	SPAN	4.5"	PVC	31+66.88	30.5	LT	106.78	104.59	
Vh6	SPAN	4.5"	PVC	31+53.27	48.5	LT	106.72	103.49	
Vh7	UNKNOWN	2.5"	PVC	30+69.58	38.8	RT	106.58	102.12	
Vh8	UL	4.5"	PVC	31+00.26	38.8	RT	106.58	103.31	
Vh9	POSSIBLE UL	12"	DIP	31+05.59	43.5	RT	106.58	104.48	POSSIBLE ABANDONED WATER LINE
Vvh4	SPAN	2" - 2.5"	PVC	31+66.61	43.5	RT	104.84	102.99	





THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No. 84679
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

UTILITY ADJUSTMENT SHEETS

SHEET NO. 34

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im543d
$DATE$
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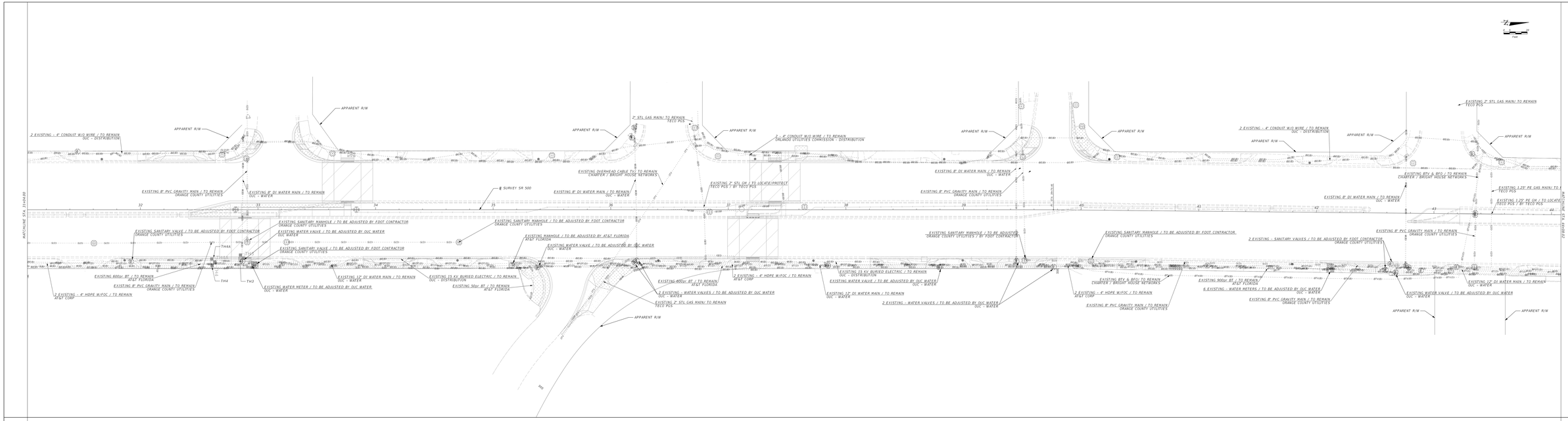

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DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No. 84259
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

UTILITY ADJUSTMENT SHEETS

SHEET NO. 35

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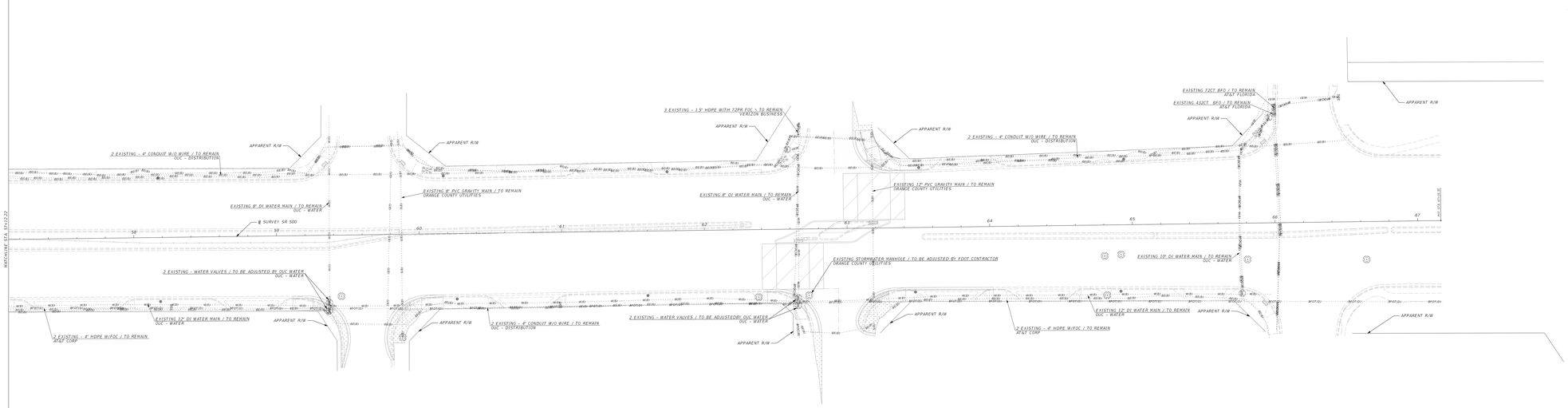

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

DISTRICT FIVE - DESIGN
Lori B. Elperson, P.E.
No. 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

UTILITY ADJUSTMENT SHEETS

SHEET NO.
36

im543el SDATE5 Default
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LANDSCAPE NOTES:

1. PROTECT EXISTING BUILDINGS, WALKS, WALLS, PAVING, PIPING, AND OTHER ITEMS FROM DAMAGE. ALL DAMAGE SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER, AT NO COST TO THE DEPARTMENT. UNLESS OTHERWISE SHOWN TO BE REMOVED, BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO EXISTING TREES AND SHRUB/GROUNDCOVER PLANTINGS AND SOD WITHIN OR OUTSIDE THE LIMITS OF WORK AS IDENTIFIED ON THE DRAWINGS. THIS INCLUDES, BUT IS NOT LIMITED TO, DAMAGE CAUSED BY OPERATION OF EQUIPMENT, STOCKPILING OF MATERIALS, CARELESS LABOR, OR OTHER CONTRACTOR ACTIVITIES. THIS SHALL INCLUDE COMPACTION BY DRIVING OR PARKING INSIDE DRIP-LINE OF EXISTING TREES OR THE SPILLING OF OIL, GASOLINE, OR OTHER DELETERIOUS MATERIALS WITHIN THE DRIP-LINE OF EXISTING TREES.

2. ADJUST LANDSCAPE MATERIAL AND ASSOCIATED DEVICES IN THE FIELD TO AVOID CONFLICTS WITH ANY PROPOSED OR EXISTING TO REMAIN STRUCTURES OR REGULATORY REQUIREMENTS, INCLUDING BUT NOT LIMITED TO UTILITY STRUCTURES, DRAINAGE STRUCTURES, DITCHES, UNDERDRAINS, DITCH BLOCKS, DRAINAGE DISCHARGE PATHS, TRAFFIC SIGNAGE (SUCH AS SLIP BASE SUPPORTS, MAST ARM ASSEMBLIES, REGULATORY SIGNS, ETC.), LIMITS OF CLEAR SIGHT, CLEAR ZONES, AND LIGHTING AND THEIR APPURTENANCES. DO NOT KNOWINGLY PLACE THE PROPOSED IMPROVEMENTS IF A CONFLICT EXISTS. ANY COSTS TO REMOVE AND/OR REPAIR AND/OR RELOCATE WORK PLACED THAT HAS NOT BEEN APPROVED IN WRITING BY THE ENGINEER TO BE AT THE CONTRACTOR'S EXPENSE.

3. IMMEDIATELY NOTIFY THE ENGINEER OF ANY UNFORESEEN SITE CONDITIONS (OBSTRUCTIONS, COMPACTED SOIL/SUBGRADE, POOR DRAINAGE, UTILITY CONFLICTS, ETC.) PRIOR TO PROCEEDING WITH LANDSCAPE INSTALLATION. THE ENGINEER WILL REVIEW PLANT RELOCATION OR OTHER ACTION PROPOSED BY THE CONTRACTOR.

4. ALL ON-SITE PLANT MATERIAL DELIVERIES SHALL TAKE PLACE ON MONDAY THROUGH THURSDAY ONLY UNLESS OTHERWISE DIRECTED BY THE ENGINEER. NOTIFY THE ENGINEER A MINIMUM OF 5 BUSINESS DAYS PRIOR TO THE DELIVERY OF PLANT MATERIAL SO A REPRESENTATIVE MAY BE PRESENT TO VERIFY THAT PLANT MATERIAL MEETS PROJECT REQUIREMENTS. ALL PLANT MATERIALS ARE TO BE DELIVERED ON SITE UNDAMAGED FROM TRANSPORTATION OR DIGGING OPERATIONS. THE ENGINEER WILL REJECT ANY MATERIAL THAT HAS BEEN DAMAGED OR RENDERED UNACCEPTABLE DUE TO RELOCATION OR TRANSPORTATION FROM POINT OF ORIGIN. ALL PLANT MATERIAL SHALL BE PROTECTED FROM SUN, WIND, AND OTHER DAMAGE DURING DELIVERY. ALL PLANT MATERIALS MUST BE AVAILABLE TO BE INSPECTED BY THE ENGINEER AT TIME OF DELIVERY AND PRIOR TO PLANTING.

5. ALL PLANT MATERIAL SHALL BE FLORIDA #1 MINIMUM AT THE TIME OF DELIVERY AND SHALL MAINTAIN SAID CHARACTERISTICS THROUGHOUT THE INSTALLATION PERIOD UNTIL FINAL ACCEPTANCE AS SPECIFIED IN "GRADES AND STANDARDS FOR NURSERY PLANTS", LATEST EDITION, BY DIVISION OF PLANT INDUSTRY, FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. PLANT MATERIAL SHALL ALSO CONFORM TO THE CURRENT AMERICAN ASSOCIATION OF NURSERYMEN "STANDARDS FOR NURSERY STOCK", LATEST EDITION. REFER TO THE PLANT SCHEDULE FOR DETAILED SPECIFICATIONS FOR PLANTS. MAINTENANCE SHALL INCLUDE BUT IS NOT LIMITED TO REPLACEMENT, PRUNING, WATERING, FERTILIZATION, AND PEST AND DISEASE MANAGEMENT.

6. SUBMITTALS - AT A MINIMUM, SUPPLY THE FOLLOWING ITEMS AND SUBMIT TO THE ENGINEER FOR APPROVAL:

   A. PLANT MATERIAL DELIVERY ADVANCE NOTIFICATION

   B. UNFORESEEN SITE CONDITIONS

   C. MANUFACTURER'S LABEL AND APPLICATION RATES FOR HERBICIDES, INSECTICIDES, FUNGICIDES AND PRE-EMERGENTS.

   D. FERTILIZER ANALYSIS, MANUFACTURER'S LABEL AND APPLICATION RATES.

   E. SAMPLES OF SHREDDED PINE BARK MULCH.

   F. PLANT STAKING LAYOUT REVIEW ADVANCE NOTIFICATION

   G. PALM STAKING AND GUYING KITS.

   E. PRIOR TO PLANTING, A COLOR PHOTOGRAPH SUBMISSION FOR ALL PALMS AND FOR EACH PLANT SPECIFIED SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. EACH PLANT PHOTOGRAPH APPROVED BY THE ENGINEER SHALL BE THE MINIMUM STANDARD ACCEPTED FOR EACH PLANT SPECIES. THE PLANT PHOTOGRAPH SHALL SHOW THE ENTIRE PLANT AND HAVE A LEGIBLE SCALE TO SHOW THE OVERALL HEIGHT AND SPREAD OF THE PLANT. PHOTOGRAPHS SHALL INDICATE THE GENUS, SPECIES, AND SIZE OF THE PLANT IN THE PHOTO.

   F. DOCUMENTATION OF PROPER HARDENING OFF OF BALLED AND BURLAPPED PLANT MATERIALS, SUPPLIED BY NURSERY OF ORIGIN.

   G. A SCHEDULE OF VALUES FOR ALL LANDSCAPE MATERIALS AND INCIDENTALS SPECIFIED IN THE PLANS AND MAINTENANCE SUPPLEMENTAL SPECIFICATION 580 SHALL BE SUBMITTED PRIOR TO COMMENCEMENT OF THE WORK.

   H. A COPY OF THE LICENSES OF THE STATE LICENSED APPLICATORS OF FERTILIZERS, HERBICIDES, AND PRE-EMERGENTS.

7. PALM NOTES

   THE FOLLOWING SHALL APPLY TO REGENERATED ROOT SABAL PALMS.

   A. PALMS WILL HAVE NEW REGENERATED ROUND TIPPED ROOTS THAT HAVE EMERGED FROM THE ROOT INITIATION ZONE AND ARE WHITISH YELLOW IN COLOR WITH TAPERED ENDS.

   B. NEW REGENERATED ROOTS ARE PRESENT ON ALL SIDES OF THE ROOTBALL.

   C. PALMS SHALL HAVE BEEN PLACED IN CONTAINERS OR CONTAINED WITHIN PLASTIC FABRIC OR FILM MATERIAL AFTER HARVESTING AND DURING THE ROOT REGENERATION PERIOD.

   D. PALMS WILL HAVE A MINIMUM OF THREE FULLY EXPANDING FRONDS. FRONDS SHALL MEET THE MINIMUM REQUIREMENTS TO BE CONSIDERED "EXCELLENT LEAVES" AS DEFINED BY THE GLOSSARY OF TERMS IN THE LATEST EDITION OF GRADES AND STANDARDS FOR NURSERY PLANTS - PALMS & CYCADS (FLORIDA DEPT. OF AGRICULTURE AND CONSUMER SERVICES).

8. PLANT SUPPLEMENTS

   A. ALL PLANT MATERIAL AND PALMS SHALL BE FERTILIZED WITH A 3-MONTH SLOW RELEASE 8-2-12 +4 MG. ONE HUNDRED PERCENT OF N, K, AND MG SHOULD BE IN CONTROLLED RELEASE FORM AND MICRONUTRIENTS SHOULD BE IN SULFATE OR CHELATE (FE ONLY). FERTILIZER SHOULD CONTAIN 1.5%-2% MN AND FE PLUS TRACE AMOUNTS OF B (0.15%), ZN (0.15%), AND CU (0.05%).

   B. ALL PLANT MATERIALS SHALL BE FERTILIZED AT THE TIME OF PLANTING AND 14 DAYS PRIOR TO COMPLETION OF THE PROJECT. NOTIFY THE ENGINEER IN WRITING 48 HOURS IN ADVANCE OF ALL FERTILIZER APPLICATIONS. FOLLOW ALL MANUFACTURER'S RECOMMENDATIONS.

9. HERBICIDE AND INCECTICIDE

   A. PRE-EMERGENT HERBICIDE MAY BE APPLIED TO ALL PLANTING PITS/MULCH RINGS AND MULCH BEDS PER MANUFACTURER'S RECOMMENDATIONS. PREVENT OVERSPRAY AND DAMAGE TO NEW PLANTS.

   B. POST-EMERGENT HERBICIDE MAY BE USED DURING CONSTRUCTION TO CONTROL WEED GROWTH. APPLY PER MANUFACTURER'S RECOMMENDATIONS.

   C. ALL PRE AND POST HERBICIDAL TREATMENTS SHALL CONFORM WITH MANUFACTURER'S RECOMMENDATIONS AND INCLUDE A TEMPORARY TRACER DYE IDENTIFIABLE FOR A MINIMUM OF TWO (2) DAYS AFTER APPLICATION.

10. MULCH

   A. ALL PLANTING AREAS AND PALM RINGS WILL USE SHREDDED PINE BARK MULCH.

   B. MULCH SHALL BE APPLIED TO ALL PLANTING AREAS AND INDIVIDUAL PALM RINGS AT A MINIMUM WETTED DEPTH OF THREE (3) INCHES UNLESS OTHERWISE SHOWN. MINIMUM 3" DEPTH SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.

11. WEED AND LITTER CONTROL

   A. THROUGHOUT THE DURATION OF THE PROJECT, KEEP PLANTING LOCATIONS AND PLANTING BEDS FREE OF LITTER AND UNDESIRABLE VEGETATION.

12. PLANTING SOIL SHALL BE AS FOLLOWS:

   A. MIXTURE FOR TREES AND SHRUBS SHALL CONSISTS OF ⅓ "BLENDED SOIL", ⅓ COARSE SAND, AND ⅓ EXISTING SOIL, THOROUGHLY MIXED.

      "BLENDED SOIL" SHALL CONSIST OF:
      ⅓ MUSHROOM COMPOST OR PEAT
      ⅓ COMPOSTED COW MANURE
      ⅓ COMPOSTED BARK

   B. MIXTURE FOR PALMS SHALL BE 50 PERCENT COARSE SAND AND 50 PERCENT EXISTING SOIL. DO NOT USE "BLENDED SOIL". MIX THOROUGHLY WITH EXISTING SOIL.

   REFER TO LANDSCAPE DETAILS FOR MINIMUM PLANTING PIT DIMENSIONS.

13. PREFERRED PLANT MATERIAL SETBACKS (TO CENTER OF PLANT):

   10 FT FROM OVERHEAD UTILITIES TO PALMS
   5 FT FROM UNDERGROUND UTILIITES TO PALMS
   10 FT FROM SIGN POLES TO PALMS

ABBREVIATIONS:

CAL = CALIPER
CONT= CONTAINER
CT = CLEAR TRUNK
FG = FIELD GROWN
GAL = GALLON
HT = HEIGHT
MAX = MAXIMUM
MIN = MINIMUM
OC = ON CENTER
SPR = SPREAD
TYP = TYPICAL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Jessica Alyssa Marie Soleyn, RLA
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AECOM Technical Services, Inc
7650 West Courtney Campbell Causeway
Tampa, FL 33607-1462

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

LANDSCAPE NOTES

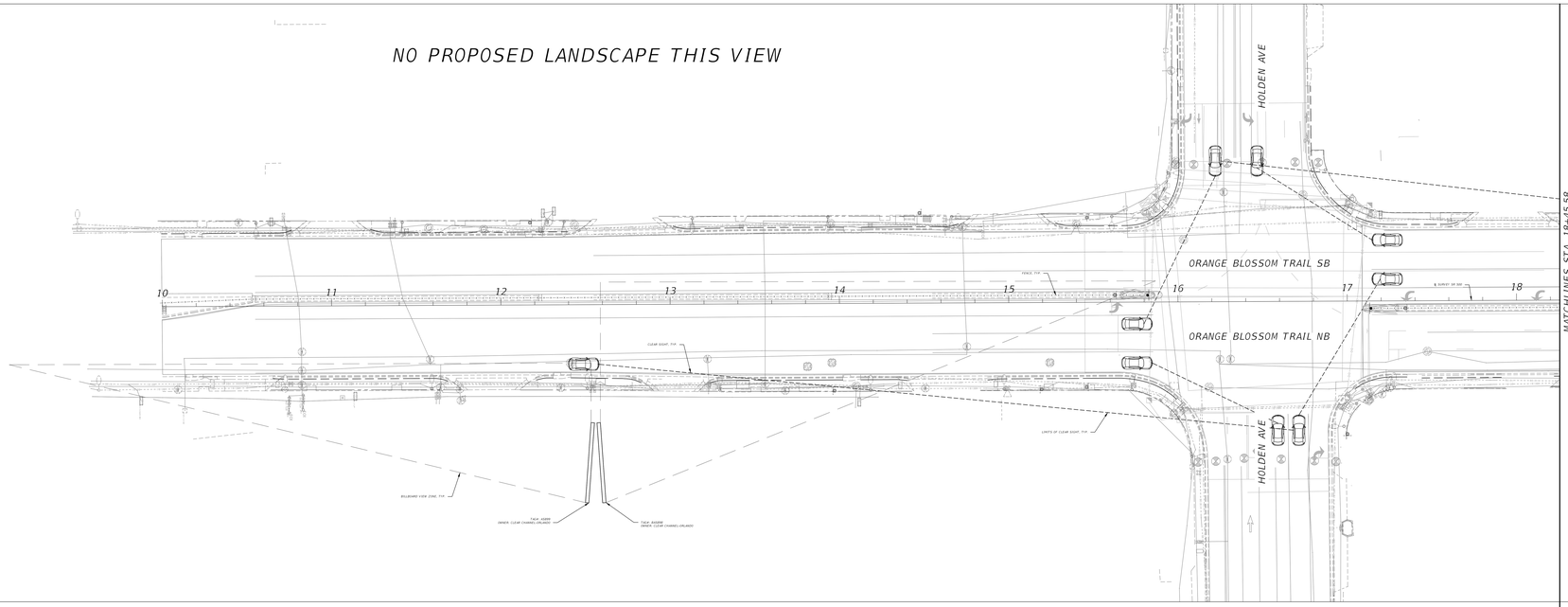
SHEET NO. 37

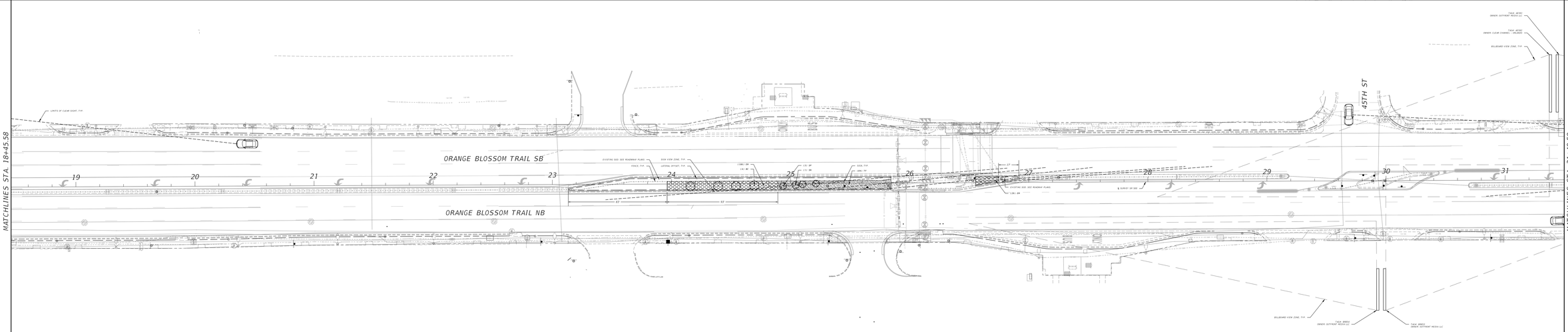
LANDSCAPE LEGEND

- PINDO PALM (BC)
- SABAL PALM (SP)
- WHITE BIRD OF PARADISE (SN)
- SPANISH BAYONET (YA)
- CARDBOARD PALM (ZF)
- CROWN OF THORNS (EM)
- DWARF FAKAHATCHEE GRASS (TF)
- VARIEGATED ADAM'S NEEDLE (YF)
- SOAP ALOE (AS)

GRAPHIC SCALE

NO PROPOSED LANDSCAPE THIS VIEW





GRAPHIC SCALE

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

LANDSCAPE PLANS

SHEET NO. 38

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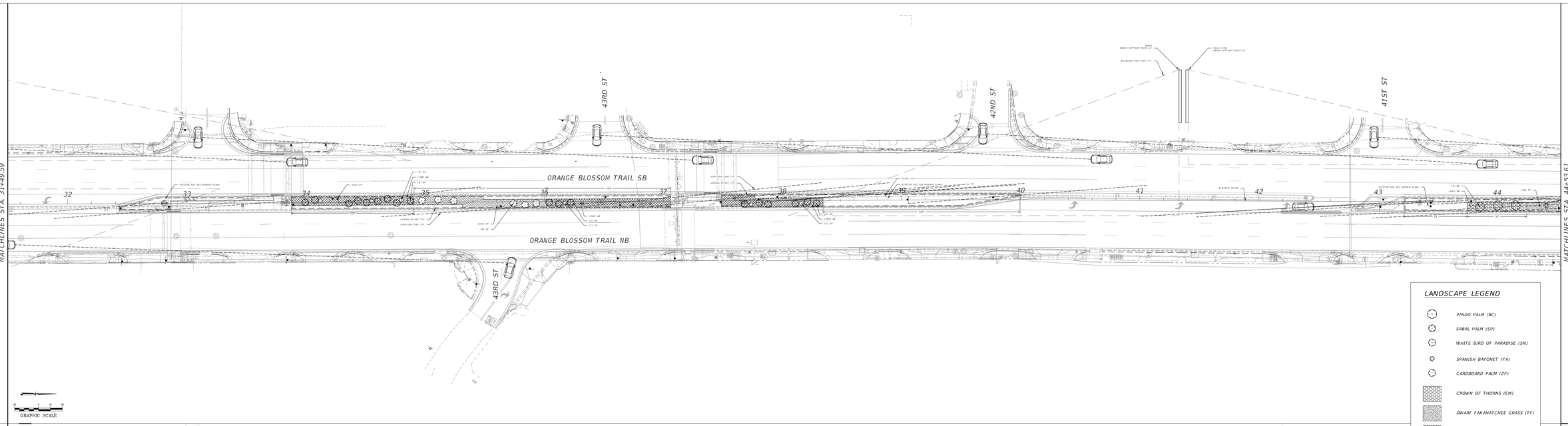

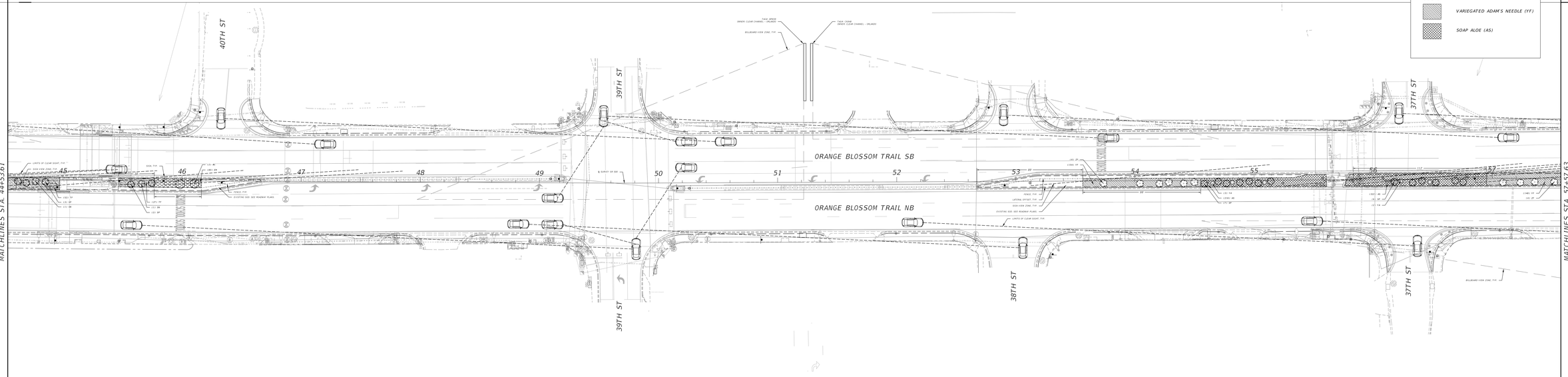

LANDSCAPE LEGEND

- PINDO PALM (BC)
- SABAL PALM (SP)
- WHITE BIRD OF PARADISE (SN)
- SPANISH BAYONET (YA)
- CARDBOARD PALM (ZF)
- CROWN OF THORNS (EM)
- DWARF FAKAHATCHEE GRASS (TF)
- VARIEGATED ADAM'S NEEDLE (YF)
- SOAP ALOE (AS)

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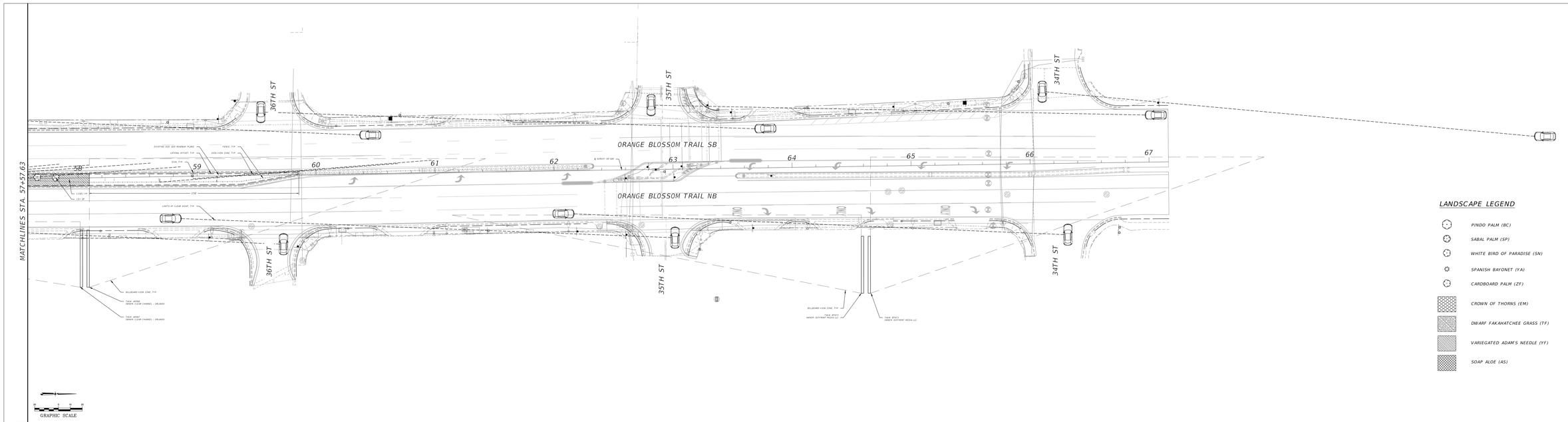
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

LANDSCAPE PLANS

SHEET NO. 39

Wednesday, April 21, 2021 2:48pm C:\Users\jessica.soleyn\AppData\Local\Temp\AcPublish_15640\DSGNLD01_OBT.dwg



GRAPHIC SCALE

LANDSCAPE LEGEND

- PINDO PALM (BC)
- SABAL PALM (SP)
- WHITE BIRD OF PARADISE (SN)
- SPANISH BAYONET (YA)
- CARDBOARD PALM (ZF)
- CROWN OF THORNS (EM)
- DWARF FAKAHATCHEE GRASS (TF)
- VARIEGATED ADAM'S NEEDLE (YF)
- SOAP ALOE (AS)

GRAPHIC SCALE

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2:40pm
Wednesday, April 21, 2021

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

LANDSCAPE PLANS

SHEET NO. 40

INDEX OF SUMMARY OF QUANTITIES

SQ-1	SUMMARY OF LUMP SUM ITEMS, SUMMARY OF TEMPORARY SIGNALIZATION AND DETECTION, SUMMARY OF MONITOR EXISTING STRUCTURES
SQ-2 - SQ-6	SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS
SQ-7	SUMMARY OF PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES
SQ-8	SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES
SQ-9	SUMMARY OF LITTER REMOVAL AND MOWING
SQ-10 - SQ-11	SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS
SQ-12	SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS, SUMMARY OF EARTHWORK
SQ-13 - SQ-14	SUMMARY OF PAVEMENT
SQ-15	SUMMARY OF UTILITY ADJUSTMENTS, SUMMARY OF RAILING & SUMMARY OF GENERAL ITEMS
SQ-16 - SQ-17	SUMMARY OF GENERAL ITEMS
SQ-18 - SQ-19	SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS
SQ-20 - SQ-23	SUMMARY OF SIDEWALK & DETECTABLE WARNINGS, SUMMARY OF PERFORMANCE TURF
SQ-24	SUMMARY OF PERFORMANCE TURF
SQ-25	SUMMARY OF PERFORMANCE TURF & SUMMARY OF FENCING
SQ-26	SUMMARY OF FENCING

SUMMARY OF LUMP SUM ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY P	QUANTITY F	DESIGN NOTES	CONSTRUCTION REMARKS
0101 1	MOBILIZATION	1			
0580 1 1	LANDSCAPE COMPLETE - SMALL PLANTS	1			
0580 1 2	LANDSCAPE COMPLETE - LARGE PLANTS	1			

SUMMARY OF TEMPORARY SIGNALIZATION & DETECTION

PHASE	DURATION	0102104 TEMPORARY SIGNALS & MAINTENANCE OF INTERSECTION - EACH DAY						0102107 1 TEMPORARY TRAFFIC DETECTION & MAINTENANCE OF INTERSECTION - EACH DAY						DESIGN NOTES	CONSTRUCTION REMARKS
		EXISTING			TEMPORARY			EXISTING			TEMPORARY/NEW				
	DAYS	#	P	F	#	P	F	#	P	F	#	P	F		
ALL	350	5	1750					2	700					TEMPORARY SIGNALS INLCUDES EXISTING MID BLOCK CROSSING LOCATIONS	
	SUB-TOTAL		1750						700						
	TOTAL					1750					TOTAL		700		

SUMMARY OF MONITOR EXISTING STRUCTURES

SITE NO.	LOCATION ADDRESS AND/OR STA.	STRUCTURE USAGE	VIBRATION MONITORING 0108 2 LS P	VIBRATION MONITORING 0108 2 LS F	DESIGN NOTES	CONSTRUCTION REMARKS
1	3975 ORANGE BLOSSOM TRAIL #105 ORLANDO, FL 32839	HEALTH CLINIC AND REHABILIATION CENTER	1			
		TOTAL:	1			

THIS LIST INCLUDES EXISTING STRUCTURES (AS DETERMINED BY THE DEPARTMENT) LOCATED OUTSIDE THE LIMITS SPECIFIED IN ARTICLE 108-2 OF THE FDOT SPECIFICATIONS THAT ARE REQUIRED TO BE MONITORED. THIS LIST SHOULD NOT BE CONSIDERED ALL INCLUSIVE AND DOES NOT CONTAIN EXISTING STRUCTURES TO BE MONITORED THAT ARE LOCATED WITHIN THE DISTANCES SPECIFIED IN ARTICLE 108-2.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE I			PHASE II			PHASE III			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL				
			DAYS	P	P	DAYS	P	P	DAYS	P	P	P	F		
102-1	MAINTENANCE OF TRAFFIC	LS	32	1	32	36	1	36	31	1	31	99			
102-14	TRAFFIC CONTROL OFFICER	HR	2	16	32	2	8	16	2	6	12	60			
102-60	WORK ZONE SIGN	ED	32	44	1408	36	40	1440	31	40	1240	4088			
102-61	BUSINESS SIGN	EA	-	-		36	16	16	-	-		16			
102-74-1	CHANNELIZING DEVICE (TYPES I, II, DI, VP, DRUM, VEHICULAR LCD)	ED	32	244	7808	36	130	4680	31	128	3968	16456			
102-76	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	32	3	96	36	2	72	31	2	62	230			
102-78	TEMPORARY REFLECTIVE PAVEMENT MARKER	EA	-	-		-	-		-	-					
102-99	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	ED	46	3	138	36	3	108	31	3	93	339			
102-115	TYPE III BARRICADE	ED	-	-		-	-		-	-					
102-909	TEMPORARY RAISED RUMBLE STRIPS	ED	-	-		-	-		-	-					
102-913-24	REMOVABLE TAPE, WHITE, 12" CROSSWALK	LF	-	-		-	-		-	-					
710-11-101	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID, 6"	GM	32	0.38	0.38	36	0.87	0.87	31	0.30	0.30	1.55			
710-11-123	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	32	315	315	36	1453	1453	31	322	322	2090			
710-11-124	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	-	-		36	138	138	-	-		138			
710-11-125	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	32	423	423	36	1003	1003	31	520	520	1946			
710-11-131	PAINTED PAVEMENT MARKINGS, STD., WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	32	0.76	0.76	36	0.76	0.76	31	0.77	0.77	2.29			
710-11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	32	0.04	0.04	-	-		31	0.06	0.06	0.10			
710-11-201	PAINTED PAVEMENT MARKINGS, STD., YELLOW, SOLID, 6"	GM	32	0.87	0.87	36	0.04	0.04	31	0.90	0.90	1.81			
710-11-224	PAINTED PAVEMENT MARKINGS, STD., YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	32	8.5	8.5	-	-		31	25	25	34			

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DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-2

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE IV			PHASE V-A			PHASE V-B			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL				
			DAYS	P	P	DAYS	P	P	DAYS	P	P	P	F		
102-1	MAINTENANCE OF TRAFFIC	LS	38	1	38	17	1	17	15	1	15	70			
102-14	TRAFFIC CONTROL OFFICER	HR	2	8	16	-	-		-	-		16			
102-60	WORK ZONE SIGN	ED	38	40	1520	17	62	1054	15	43	645	3219			
102-61	BUSINESS SIGN	EA	38	16	16	17	16	16	-	-		32			
102-74-1	CHANNELIZING DEVICE (TYPES I, II, DI, VP, DRUM, VEHICULAR LCD)	ED	38	130	4940	17	114	1938	15	206	3090	9968			
102-76	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	38	2	76	17	1	17	15	2	30	123			
102-78	TEMPORARY REFLECTIVE PAVEMENT MARKER	EA	-	-		-	-		-	-					
102-99	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	ED	38	3	114	17	3	51	15	3	45	210			
102-115	TYPE III BARRICADE	ED	-	-		17	2	34	15	2	30	64			
102-909	TEMPORARY RAISED RUMBLE STRIPS	ED	-	-		-	-		-	-					
102-913-24	REMOVABLE TAPE, WHITE, 12" CROSSWALK	LF	-	-		-	-		-	-					
710-11-101	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID, 6"	GM	38	0.91	0.91	-	-		-	-		0.91			
710-11-123	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	38	1094	1094	-	-		-	-		1094			
710-11-124	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	-	-		-	-		-	-					
710-11-125	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	38	966	966	-	-		-	-		966			
710-11-131	PAINTED PAVEMENT MARKINGS, STD., WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	38	0.78	0.78	-	-		-	-		0.78			
710-11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	-	-		-	-		-	-					
710-11-201	PAINTED PAVEMENT MARKINGS, STD., YELLOW, SOLID, 6"	GM	38	0.04	0.04	-	-		-	-		0.04			
710-11-224	PAINTED PAVEMENT MARKINGS, STD., YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	-	-		-	-		-	-					

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SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-3

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE V-C			PHASE VI-A & VI-B			PHASE VI-C & VI-D			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL				
			DAYS	P	P	DAYS	P	P	DAYS	P	P	P	F		
102-1	MAINTENANCE OF TRAFFIC	LS	17	1	17	30	1	30	30	1	30	77			
102-14	TRAFFIC CONTROL OFFICER	HR	-	-		-	-		-	-					
102-60	WORK ZONE SIGN	ED	17	149	2533	30	187	5610	30	48	1440	9583			
102-61	BUSINESS SIGN	EA	17	16	16	30	16	16	30	16	16	48			
102-74-1	CHANNELIZING DEVICE (TYPES I, II, DI, VP, DRUM, VEHICULAR LCD)	ED	17	137	2329	30	416	12480	30	332	9960	24769			
102-76	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	17	2	34	30	3	90	30	2	60	184			
102-78	TEMPORARY REFLECTIVE PAVEMENT MARKER	EA	-	-		30	4	120	-	-		120			
102-99	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	ED	17	9	153	30	9	270	30	3	90	513			
102-115	TYPE III BARRICADE	ED	17	8	136	30	8	240	30	4	120	496			
102-909	TEMPORARY RAISED RUMBLE STRIPS	ED	-	-		30	1	30	30	1	30	60			
102-913-24	REMOVABLE TAPE, WHITE, 12" CROSSWALK	LF	17	292	292	-	-		-	-		292			
710-11-101	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID, 6"	GM	-	-		-	-		-	-					
710-11-123	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	-	-		30	720	720	30	720	720	1440			
710-11-124	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	-	-		-	-		-	-					
710-11-125	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	-	-		30	1368	1368	30	1368	1368	2736			
710-11-131	PAINTED PAVEMENT MARKINGS, STD., WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	-	-		-	-		-	-					
710-11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	-	-		-	-		-	-					
710-11-201	PAINTED PAVEMENT MARKINGS, STD., YELLOW, SOLID, 6"	GM	-	-		-	-		-	-					
710-11-224	PAINTED PAVEMENT MARKINGS, STD., YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	-	-		-	-		-	-					

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SUMMARY OF QUANTITIES

SHEET NO.
SQ-4

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE VII-A & VII-B			PHASE VII-C & VII-D			PHASE VIII			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL				
			DAYS	P	P	DAYS	P	P	DAYS	P	P	P	F		
102-1	MAINTENANCE OF TRAFFIC	LS	22	1	22	22	1	22	54	1	54	98			
102-14	TRAFFIC CONTROL OFFICER	HR	-	-		-	-		-	-					
102-60	WORK ZONE SIGN	ED	22	187	4114	22	48	1056	54	43	2322	7492			
102-61	BUSINESS SIGN	EA	-	-		-	-		-	-					
102-74-1	CHANNELIZING DEVICE (TYPES I, II, DI, VP, DRUM, VEHICULAR LCD)	ED	22	416	9152	22	332	7304	54	206	11124	27580			
102-76	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	22	3	66	22	2	44	54	2	108	218			
102-78	TEMPORARY REFLECTIVE PAVEMENT MARKER	EA	22	4	88	-	-		-	-		88			
102-99	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	ED	22	9	198	22	3	66	54	3	162	426			
102-115	TYPE III BARRICADE	ED	22	8	176	22	4	88	-	-		264			
102-909	TEMPORARY RAISED RUMBLE STRIPS	ED	22	1	22	22	1	22	-	-		44			
102-913-24	REMOVABLE TAPE, WHITE, 12" CROSSWALK	LF	-	-		-	-		-	-					
710-11-101	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID, 6"	GM	-	-		-	-		-	-					
710-11-123	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	22	720	720	22	720	720	-	-		1440			
710-11-124	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	-	-		-	-		-	-					
710-11-125	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	22	1368	1368	22	1368	1368	-	-		2736			
710-11-131	PAINTED PAVEMENT MARKINGS, STD., WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	-	-		-	-		-	-					
710-11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	-	-		-	-		-	-					
710-11-201	PAINTED PAVEMENT MARKINGS, STD., YELLOW, SOLID, 6"	GM	-	-		-	-		-	-					
710-11-224	PAINTED PAVEMENT MARKINGS, STD., YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	-	-		-	-		-	-					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DISTRICT FIVE - DESIGN

Lori B. Epperson, P.E.
No.: 84291

719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-5

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE IX			TOTAL		GRAND TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL						
			DAYS	P	P	P	F	P	F		
102-1	MAINTENANCE OF TRAFFIC	LS	6	1	6	6		1		350 CONTRACT DAYS	
102-14	TRAFFIC CONTROL OFFICER	HR	-	-				76			
102-60	WORK ZONE SIGN	ED	6	59	354	354		24736			
102-61	BUSINESS SIGN	EA	-	-				96			
102-74-1	CHANNELIZING DEVICE (TYPES I, II, DI, VP, DRUM, VEHICULAR LCD)	ED	6	632	3792	3792		82565			
102-76	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	6	2	12	12		767			
102-78-1	TEMPORARY RAISED/RETROREFLECTIVE PAVEMENT MARKER	EA	-	-				208			
102-99	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)	ED	6	3	18	18		1506			
102-115	TYPE III BARRICADE	ED	-	-				824			
102-909	TEMPORARY RAISED RUMBLE STRIPS	ED	-	-				104			
102-913-24	REMOVABLE TAPE, WHITE, 12" CROSSWALK	LF	-	-				292			
710-11-101	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID, 6"	GM	-	-				2.46			
710-11-123	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	-	-				6064			
710-11-124	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	-	-				138			
710-11-125	PAINTED PAVEMENT MARKINGS, STD., WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	-	-				8384			
710-11-131	PAINTED PAVEMENT MARKINGS, STD., WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	-	-				3.07			
710-11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	-	-				0.10			
710-11-201	PAINTED PAVEMENT MARKINGS, STD., YELLOW, SOLID, 6"	GM	-	-				1.85			
710-11-224	PAINTED PAVEMENT MARKINGS, STD., YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	-	-				34			

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DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-6

SUMMARY OF PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES

CONST. PHASE	LOCATION STA. TO STA.	SIDE	LENGTH	DAYS	QUANTITY 0102 74 8 FD P	QUANTITY 0102 74 8 FD F	DESIGN NOTES	CONSTRUCTION REMARKS
5A	25+12.43 to 25+12.44	RT	6	17	102		PLACE ACROSS SIDEWALK	
	26+35.78 to 26+35.78	RT	6	17	102		PLACE ACROSS SIDEWALK	
	31+23.81 to 31+23.81	RT	6	17	102		PLACE ACROSS SIDEWALK	
	36+21.78 to 36+21.78	RT	6	17	102		PLACE ACROSS SIDEWALK	
	37+10.23 to 37+10.23	RT	6	17	102		PLACE ACROSS SIDEWALK	
	43+15.97 to 43+16.02	RT	6	17	102		PLACE ACROSS SIDEWALK	
	44+40.45 to 44+40.45	RT	6	17	102		PLACE ACROSS SIDEWALK	
	48+52.59 to 48+52.59	RT	6	17	102		PLACE ACROSS SIDEWALK	
	53+80.42 to 53+80.42	RT	6	17	102		PLACE ACROSS SIDEWALK	
	56+05.03 to 56+11.01	RT	6	17	102		PLACE ACROSS SIDEWALK	
	57+05.45 to 57+05.51	RT	6	17	102		PLACE ACROSS SIDEWALK	
	58+45.80 to 58+45.80	RT	6	17	102		PLACE ACROSS SIDEWALK	
	64+65.99 to 64+65.99	RT	6	17	102		PLACE ACROSS SIDEWALK	
5C	22+78.91 to 22+78.91	LT	6	17	102		PLACE ACROSS SIDEWALK	
	27+34.00 to 27+34.00	LT	6	17	102		PLACE ACROSS SIDEWALK	
	31+49.21 to 31+49.21	LT	6	17	102		PLACE ACROSS SIDEWALK	
	32+90.58 to 32+96.55	LT	6	17	102		PLACE ACROSS SIDEWALK	
	33+35.40 to 33+41.30	LT	6	17	102		PLACE ACROSS SIDEWALK	
	34+85.65 to 34+85.65	LT	6	17	102		PLACE ACROSS SIDEWALK	
	36+96.50 to 36+96.50	LT	6	17	102		PLACE ACROSS SIDEWALK	
	39+51.04 to 39+56.96	LT	6	17	102		PLACE ACROSS SIDEWALK	
	39+94.99 to 40+00.96	LT	6	17	102		PLACE ACROSS SIDEWALK	
	41+19.28 to 41+19.28	LT	6	17	102		PLACE ACROSS SIDEWALK	
	44+44.03 to 44+44.03	LT	6	17	102		PLACE ACROSS SIDEWALK	
	46+07.56 to 46+13.47	LT	6	17	102		PLACE ACROSS SIDEWALK	
	46+57.57 to 46+63.56	LT	6	17	102		PLACE ACROSS SIDEWALK	
	47+16.32 to 47+16.32	LT	6	17	102		PLACE ACROSS SIDEWALK	
	52+28.22 to 52+28.22	LT	6	17	102		PLACE ACROSS SIDEWALK	
	52+69.90 to 52+75.88	LT	6	17	102		PLACE ACROSS SIDEWALK	
	53+17.87 to 53+23.83	LT	6	17	102		PLACE ACROSS SIDEWALK	
	56+01.94 to 56+07.92	LT	6	17	102		PLACE ACROSS SIDEWALK	
	56+49.62 to 56+55.60	LT	6	17	102		PLACE ACROSS SIDEWALK	
	56+99.37 to 56+99.43	LT	6	17	102		PLACE ACROSS SIDEWALK	
	62+62.59 to 62+66.93	LT	6	17	102		PLACE ACROSS SIDEWALK	
	63+11.09 to 63+17.09	LT	6	17	102		PLACE ACROSS SIDEWALK	
	64+19.42 to 64+19.42	LT	6	17	102		PLACE ACROSS SIDEWALK	
				SUB-TOTAL:	3672			
				TOTAL:	3672			

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REVISIONS			
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DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-7

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION STA. TO STA.	SIDE	AREA ID	INLET PROTECTION SYSTEM 0104 18 EA P	INLET PROTECTION SYSTEM 0104 18 EA F	DESIGN NOTES	CONSTRUCTION REMARKS
12+14.31 to 12+24.75	LT		1			
12+30.64 to 12+41.19	RT		1			
14+01.79 to 14+12.36	RT		1			
14+02.64 to 14+13.18	LT		1			
16+03.55 to 16+03.61	LT		1			
16+18.13 to 16+18.22	RT		1			
16+75.81 to 16+75.85	LT		1			
16+88.43 to 16+89.15	RT		1			
19+83.29 to 19+93.81	RT		1			
19+83.40 to 19+93.94	LT		1			
22+63.77 to 22+74.48	RT		1			
22+64.47 to 22+74.97	LT		1			
26+17.37 to 26+30.98	LT		1			
26+17.45 to 26+27.87	RT		1			
29+60.53 to 29+71.14	RT		1			
32+63.62 to 32+72.37	LT		1			
32+94.96 to 32+94.96	LT		1			
33+10.41 to 33+20.95	RT		1			
33+33.09 to 33+33.09	LT		1			
35+07.47 to 35+18.03	RT		1			
35+41.23 to 35+52.42	LT		1			
38+63.52 to 38+68.51	LT		1			
38+64.10 to 38+69.07	RT		1			
39+63.25 to 39+64.43	LT		1			
39+86.63 to 39+88.66	LT		1			
40+27.19 to 40+43.02	LT		1			
40+58.33 to 40+68.68	RT		1			
43+54.31 to 43+62.15	LT		1			
43+80.11 to 43+90.64	RT		1			
46+16.97 to 46+18.08	LT		1			
46+54.67 to 46+54.72	LT		1			
46+89.95 to 47+01.87	LT		1			
46+91.77 to 47+03.17	RT		1			
49+48.36 to 49+48.50	LT		1			
49+83.23 to 49+83.47	LT		1			
50+24.54 to 50+35.12	LT		1			
50+24.84 to 50+35.51	RT		1			
53+49.77 to 53+64.81	RT		1			
53+50.87 to 53+61.44	LT		1			
56+10.83 to 56+10.83	LT		1			
56+13.98 to 56+14.02	RT		1			
56+46.90 to 56+46.91	LT		1			
56+46.99 to 56+47.12	RT		1			
56+81.37 to 56+91.99	LT		1			
56+81.50 to 56+97.18	RT		1			
62+26.95 to 62+43.49	RT		1			
SUB-TOTAL:			46			
TOTAL:			54			

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION STA. TO STA.	SIDE	AREA ID	INLET PROTECTION SYSTEM 0104 18 EA P	INLET PROTECTION SYSTEM 0104 18 EA F	DESIGN NOTES	CONSTRUCTION REMARKS
62+29.78 to 62+40.39	LT		1			
62+73.95 to 62+74.00	RT		1			
63+11.34 to 63+11.40	RT		1			
64+70.14 to 64+84.44	RT		1			
64+73.53 to 64+84.10	LT		1			
66+02.84 to 66+03.63	RT		1			
66+02.98 to 66+02.99	LT		1			
66+40.68 to 66+43.17	RT		1			
SUB-TOTAL:			8			

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DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-8

SUMMARY OF LITTER REMOVAL AND MOWING

CONST. PHASE	LOCATION STA. TO STA.	SIDE	DURATION (DAYS)	FREQUENCY (DAYS)	LITTER REMOVAL 0107 1 AREA ID	L	W	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	MOWING 0107 2 AREA ID	L	W	CYCLES	AREA AC/CYCLE	AREA TOTAL (AC) P	AREA TOTAL (AC) F	DESIGN NOTES	CONSTRUCTION REMARKS
	10+00.00 to 16+16.87	RT		30	10266			12	0.161	1.932										
	10+00.00 to 15+93.42	LT		30	10283			12	0.137	1.644										
	16+88.78 to 35+48.61	RT		30	10296			12	0.547	6.564										
	16+96.20 to 29+51.02	LT		30	10358			12	0.388	4.656										
	30+02.10 to 33+02.91	LT		30	10390			12	0.079	0.948										
	33+33.71 to 36+29.29	LT		30	10405			12	0.089	1.068										
	35+57.17 to 49+50.82	RT		30	10699			12	0.386	4.632										
	36+64.07 to 39+64.48	LT		30	10421			12	0.084	1.008										
	39+87.95 to 42+87.60	LT		30	10454			12	0.101	1.212										
	43+23.92 to 46+21.68	LT		30	10473			12	0.083	0.996										
	46+47.77 to 49+46.16	LT		30	10490			12	0.084	1.008										
	49+84.98 to 52+78.43	RT		30	10682			12	0.074	0.888										
	49+85.99 to 52+84.35	LT		30	10508			12	0.110	1.320										
	53+15.12 to 56+16.52	RT		30	10661			12	0.087	1.044										
	53+16.04 to 56+13.63	LT		30	10531			12	0.127	1.524										
	56+43.19 to 59+49.81	RT		30	10642			12	0.101	1.212										
	56+44.70 to 59+44.13	LT		30	10549			12	0.089	1.068										
	59+79.10 to 62+81.17	RT		30	10623			12	0.090	1.080										
	59+79.88 to 62+74.87	LT		30	10563			12	0.083	0.996										
	63+04.88 to 66+02.92	LT		30	10599			12	0.080	0.960										
	63+06.01 to 66+03.93	RT		30	10581			12	0.085	1.020										
	23+13.34 to 25+87.19	LT		30								123008			12	0.064	0.768			
	26+51.57 to 26+91.81	LT		30								13030			12	0.006	0.072			
	33+18.44 to 37+06.21	LT		30								13035			12	0.093	1.116			
	37+48.76 to 39+99.56	LT		30								13044			12	0.058	0.696			
	43+21.96 to 46+66.26	LT		30								13051			12	0.082	0.984			
	52+67.27 to 55+71.12	LT		30								13059			12	0.071	0.852			
	55+75.13 to 59+85.55	LT		30								13068			12	0.097	1.164			
									SUB-TOTAL:	36.780						SUB-TOTAL:	5.652			
									TOTAL:	36.78						TOTAL:	5.65			

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DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-9

SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNITS	SECONDARY UNITS (IF LUMP SUM) AREA (AC)	QUANTITY P	QUANTITY F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
0110 1 1	CLEARING AND GRUBBING	15+66.47 to 15+88.23	LT	19813	AC		0.01		0.80			
		17+11.00 to 17+30.23	RT	19808			0.00					
		23+13.21 to 23+26.71	LT	145474			0.01					
		23+13.34 to 25+94.12	LT/RT	151892			0.07					
		23+57.98 to 23+70.65	LT	145473			0.01					
		25+43.11 to 25+52.49	RT	145469			0.00					
		25+76.49 to 26+09.11	RT	145470			0.01					
		26+51.39 to 26+91.81	LT/RT	151895			0.01					
		29+43.65 to 30+43.82	LT/RT	145475			0.03					
		32+40.27 to 33+89.18	LT/RT	145484			0.06					
		32+72.12 to 33+02.91	LT	145489			0.01					
		33+32.76 to 33+64.67	LT	145502			0.01					
		33+89.17 to 37+13.79	LT/RT	151897			0.10					
		35+18.03 to 35+48.61	RT	145889			0.01					
		35+57.17 to 36+24.53	RT	145903			0.02					
		37+47.44 to 39+99.56	LT/RT	151905			0.06					
		39+30.48 to 39+65.13	LT	164206			0.01					
		39+87.95 to 40+23.07	LT	145931			0.01					
		42+80.69 to 43+21.75	LT/RT	15230			0.01					
		43+21.96 to 44+94.38	LT/RT	151916			0.04					
		44+94.28 to 45+46.51	LT/RT	145932			0.01					
		45+46.41 to 46+66.26	LT/RT	151921			0.03					
		45+85.12 to 46+21.68	LT	145950			0.01					
		46+48.72 to 46+89.97	LT	145961			0.01					
		49+12.46 to 49+19.26	LT	15294			0.00					
		50+12.84 to 50+22.10	RT	15304			0.00					
		52+47.47 to 52+84.35	LT	145974			0.01					
		52+67.27 to 55+71.12	LT/RT	151932			0.07					
		53+14.03 to 53+43.73	LT	145985			0.01					
		55+75.13 to 59+85.55	LT/RT	151942			0.10					
		55+77.11 to 56+16.52	LT	146000			0.01					
		55+78.94 to 56+16.52	RT	146044			0.01					
		56+41.65 to 56+81.44	LT	146010			0.01					
		56+43.19 to 56+81.59	RT	146029			0.01					
		59+10.91 to 59+49.81	RT	146055			0.01					
		59+79.10 to 60+16.33	RT	146067			0.01					
		62+43.49 to 62+81.17	RT	146140			0.01					
		62+50.35 to 63+29.44	LT/RT	146068			0.02					
		63+04.88 to 63+36.85	LT	146090			0.01					
		63+06.01 to 63+40.61	RT	146119			0.01					
0110 4 10	REMOVAL OF EXISTING CONCRETE	22+95.60 to 23+13.25	LT	182677	SY		10.40		2820		CURB RAMP AND SIDEWALK	
		22+95.61 to 23+18.24	LT	182658			9.20				TYPE F CURB AND GUTTER, TYPE D CURB	
		22+95.61 to 23+25.02	LT	182671			12.30				DRIVEWAY	
		23+58.83 to 23+87.98	LT	182568			16.00				DRIVEWAY	
		23+65.71 to 23+69.97	LT	182557			4.30				TYPE F CURB AND GUTTER, TYPE D CURB	
		23+70.20 to 23+87.98	LT	182578			12.40				CURB RAMP AND SIDEWALK	
		25+27.43 to 25+49.94	RT	183526			19.80				CURB RAMP, SIDEWALK AND DRIVEWAY	
		25+44.14 to 25+49.27	RT	182587			0.90				TYPE D CURB	
		25+79.21 to 26+17.44	RT	182611			36.90				CURB RAMP, SIDEWALK AND DRIVEWAY	
		25+84.22 to 26+55.27	LT/RT	182641			87.10				CONCRETE MEDIAN	
		25+86.50 to 26+29.51	RT	182625			10.60				TYPE E CURB AND GUTTER	

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DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
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DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-10

SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNITS	SECONDARY UNITS (IF LUMP SUM) AREA (AC)	QUANTITY P	QUANTITY F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
0110 4 10	REMOVAL OF EXISTING CONCRETE (CONT.)	25+88.87 to 26+08.54	RT	182596	AC		1.7				TYPE D CURB	
		25+93.24 to 26+26.36	LT	182344			5.8				TYPE E CURB AND GUTTER	
		26+26.36 to 26+69.36	LT	182633			10.8				TYPE E CURB AND GUTTER	
		26+30.38 to 26+75.23	LT	182698			35.9				CURB RAMP AND SIDEWALK	
		26+30.98 to 26+76.51	LT	182686			12.0				TYPE E CURB AND GUTTER	
		29+49.36 to 29+77.95	RT	182712			9.0				CONCRETE MEDIAN	
		29+75.69 to 30+37.05	LT/RT	182399			44.4				CONCRETE MEDIAN	
		31+83.96 to 33+00.41	RT	183571			102.1				DRIVEWAYS AND SIDEWALK	
		31+83.99 to 33+10.41	RT	182719			28.9				TYPE F CURB AND GUTTER	
		31+97.56 to 32+63.62	LT	182728			14.9				TYPE F CURB AND GUTTER	
		31+97.56 to 32+63.61	LT	182735			59.5				DRIVEWAY AND SIDEWALK	
		32+41.09 to 33+16.18	RT	182431			33.9				TRAFFIC SEPARATOR	
		32+71.95 to 32+97.23	LT	182759			29.0				CURB RAMP AND SIDEWALK	
		32+72.12 to 32+99.01	LT	182745			9.3				TYPE F CURB AND GUTTER	
		33+17.36 to 33+97.67	LT/RT	182440			19.6				TYPE E CURB AND GUTTER	
		33+33.01 to 33+97.67	LT	182773			19.2				TYPE F CURB AND GUTTER	
		33+34.92 to 33+97.06	LT	183552			70.0				CURB RAMPS AND SIDEWALK	
		33+89.51 to 35+42.53	RT	182791			153.1				CURB RAMPS, SIDEWALK AND DRIVEWAYS	
		33+89.51 to 35+44.60	RT	182822			41.0				TYPE F CURB AND GUTTER	
		35+62.56 to 37+42.29	RT	182850			37.7				TYPE F CURB AND GUTTER	
		35+63.97 to 37+32.29	RT	182872			164.6				CURB RAMPS, SIDEWALK AND DRIVEWAYS	
		36+99.38 to 37+42.39	RT	182917			10.0				TYPE E CURB AND GUTTER	
		37+06.21 to 37+48.81	LT/RT	182925			51.7				CONCRETE MEDIAN	
		37+18.18 to 37+61.18	LT	182908			10.4				TYPE E CURB AND GUTTER	
		37+18.18 to 38+10.22	LT	182935			19.8				TYPE F CURB AND GUTTER	
		37+18.20 to 38+10.22	LT	182942			82.4				CURB RAMP, DRIVEWAY AND SIDEWALK	
		38+20.59 to 39+79.87	RT	182967			138.9				CURB RAMPS, SIDEWALK AND DRIVEWAYS	
		38+20.61 to 39+79.81	RT	182957			35.9				TYPE F CURB AND GUTTER	
		39+24.79 to 39+59.79	LT	182983			11.8				TYPE F CURB AND GUTTER	
		39+35.75 to 39+54.32	LT	183001			16.6				CURB RAMP	
		39+88.66 to 40+24.44	LT	183011			17.1				TYPE F CURB AND GUTTER	
		39+94.23 to 40+16.10	LT	183035			28.3				CURB RAMP AND SIDEWALK	
		39+98.31 to 40+55.12	RT	183055			48.8				CURB RAMPS AND DRIVEWAY	
		39+98.35 to 40+55.12	RT	183050			14.1				TYPE F CURB AND GUTTER	
		42+03.56 to 42+69.92	RT	183623			55.2				CURB RAMPS, SIDEWALK AND DRIVEWAY	
		42+03.58 to 42+69.94	RT	183066			16.4				TYPE F CURB AND GUTTER	
		42+77.31 to 43+21.95	LT/RT	182465			27.4				CONCRETE MEDIAN	
		44+78.77 to 45+21.78	RT	183537			9.6				TYPE F CURB AND GUTTER	
		44+78.97 to 45+21.98	RT	182485			10.2				TYPE E CURB AND GUTTER	
		44+88.73 to 45+16.17	RT	183544			22.1				SIDEWALK	
		45+14.21 to 45+57.22	LT	182490			9.6				TYPE E CURB AND GUTTER	
		45+14.22 to 46+16.97	LT	183073			26.9				TYPE F CURB AND GUTTER	
		45+14.23 to 46+14.11	LT	183093			91.8				CURB RAMPS, SIDEWALK AND DRIVEWAY	
		46+54.72 to 46+89.97	LT	183132			12.1				TYPE F CURB AND GUTTER	
		46+56.73 to 46+89.98	LT	183116			39.0				CURB RAMP AND SIDEWALK	
		47+03.15 to 47+80.43	RT	183145			17.1				TYPE F CURB AND GUTTER	
		47+03.16 to 47+80.51	RT	183153			72.1				CURB RAMPS, SIDEWALK AND DRIVEWAY	
		52+45.64 to 52+79.72	LT	183162			14.0				TYPE F CURB AND GUTTER	
		52+55.75 to 52+76.54	LT	183180			24.1				CURB RAMP AND SIDEWALK	
		53+13.87 to 53+50.94	LT	183194			14.6				TYPE F CURB AND GUTTER	
		53+16.97 to 53+36.88	LT	183214			23.5				CURB RAMP AND SIDEWALK	

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REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-11

SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA.	TO STA.	SIDE	AREA ID	UNITS	SECONDARY UNITS (IF LUMP SUM) AREA (AC)	QUANTITY P	QUANTITY F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
0110 4 10	REMOVAL OF EXISTING CONCRETE (CONT.)	53+91.47	to 54+60.82	RT	183229	AC		16.1				TYPE F CURB AND GUTTER	
		53+91.48	to 54+60.83	RT	183235			60.6				CURB RAMPS, SIDEWALK AND DRIVEWAY	
		55+48.06	to 56+14.13	RT	183243			20.2				TYPE F CURB AND GUTTER	
		55+48.18	to 56+81.75	RT	182365			30.8				TYPE E CURB AND GUTTER	
		55+51.52	to 56+81.13	LT	182350			30.6				TYPE E CURB AND GUTTER	
		55+51.52	to 56+11.18	LT	183291			19.6				TYPE F CURB AND GUTTER	
		55+58.02	to 55+81.06	RT	183266			16.4				SIDEWALK	
		55+58.28	to 56+08.74	LT	183600			51.1				CURB RAMPS AND SIDEWALK	
		55+60.46	to 55+80.17	LT/RT	182380			20.4				CONCRETE MEDIAN	
		55+81.02	to 55+94.85	RT	183584			11.3				SIDEWALK	
		55+91.77	to 56+09.30	RT	183280			18.3				CURB RAMP	
		56+46.40	to 56+81.44	LT	183312			13.0				TYPE F CURB AND GUTTER	
		56+46.84	to 56+81.59	RT	183339			13.0				TYPE F CURB AND GUTTER	
		56+48.79	to 56+71.06	LT	183327			27.7				CURB RAMP AND SIDEWALK	
		56+48.82	to 56+66.62	RT	183355			30.7				CURB RAMP AND SIDEWALK	
		56+66.58	to 56+81.59	RT	183591			13.9				SIDEWALK	
		59+10.79	to 59+35.78	RT	183385			16.2				CURB RAMP AND SIDEWALK	
		59+10.90	to 59+46.31	RT	183367			16.3				TYPE F CURB AND GUTTER	
		59+79.10	to 60+16.25	RT	183398			16.3				TYPE F CURB AND GUTTER	
		59+81.26	to 60+16.35	RT	183415			42.4				CURB RAMP AND SIDEWALK	
		62+43.49	to 62+75.66	RT	183470			11.2				TYPE F CURB AND GUTTER	
		62+43.51	to 62+71.97	RT	183460			26.9				CURB RAMP AND SIDEWALK	
		62+65.41	to 62+78.29	RT	182531			3.1				CONCRETE MEDIAN	
		62+81.31	to 63+20.28	LT/RT	182536			27.9				CONCRETE MEDIAN	
		63+08.61	to 63+52.87	LT	183429			14.0				TYPE F CURB AND GUTTER	
		63+09.02	to 64+02.11	RT	183487			25.6				TYPE F CURB AND GUTTER	
		63+10.77	to 63+52.83	LT	183443			45.8				CURB RAMP AND SIDEWALK	
		63+11.66	to 64+02.09	RT	183505			86.3				CURB RAMPS, SIDEWALK AND DRIVEWAY	

SUMMARY OF EARTHWORK

PAY ITEM NO.	PAY ITEM DESCRIPTION	CY P	CY F	DESIGN NOTES	CONSTRUCTION REMARKS
0120 2 2	BORROW EXCAVATION				
	FILL	1103.9			
	SUB TOTAL				
	FILL ADJUSTMENT (20%) (1220.10 X 0.20)	220.8			
	SUB TOTAL	1324.7			
	TRUCK ADJUSTMENT (35%) (1464.11 X 0.35)	463.7			
	TOTAL BORROW EXCAVATION	1788.4			

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REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-12

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0327 70 6	Milling Exist Asph Pavt, 1 1/2" Avg Depth	15+45.00 to 66+02.69		LT	179219	SY	44720.3		44976			
		24+30.42 to 25+89.53		LT	180140		131.4				BUS BAY	
		26+61.57 to 28+21.22		RT	180138		124.4				BUS BAY	
0327 70 16	Milling Exist Asph Pavt, 1/2" Avg Depth	25+86.50 to 25+96.50		RT	139146	SY	36.2		931		RAISED CROSSWALK TAPER	
		26+19.50 to 26+29.50		RT	139144		35.2				RAISED CROSSWALK TAPER	
		26+26.36 to 26+36.36		LT	139143		35.6				RAISED CROSSWALK TAPER	
		26+59.36 to 26+69.36		LT	139142		35.7				RAISED CROSSWALK TAPER	
		32+67.41 to 32+77.49		RT	139141		35.7				RAISED CROSSWALK TAPER	
		33+00.41 to 33+10.49		RT	139140		35.9				RAISED CROSSWALK TAPER	
		33+54.67 to 33+64.67		LT	139139		35.9				RAISED CROSSWALK TAPER	
		33+87.67 to 33+97.67		LT	139138		36.0				RAISED CROSSWALK TAPER	
		36+99.29 to 37+09.38		RT	139137		36.0				RAISED CROSSWALK TAPER	
		37+18.18 to 37+28.18		LT	139135		36.1				RAISED CROSSWALK TAPER	
		37+32.29 to 37+42.38		RT	139136		35.9				RAISED CROSSWALK TAPER	
		37+51.18 to 37+61.18		LT	139134		36.0				RAISED CROSSWALK TAPER	
		44+78.79 to 44+88.97		RT	139133		35.8				RAISED CROSSWALK TAPER	
		45+11.78 to 45+21.97		RT	139132		35.8				RAISED CROSSWALK TAPER	
		45+14.22 to 45+24.22		LT	139131		36.1				RAISED CROSSWALK TAPER	
		45+47.22 to 45+57.22		LT	139129		36.0				RAISED CROSSWALK TAPER	
		55+48.07 to 55+58.18		RT	139128		36.0				RAISED INTERSECTION TAPER	
		55+51.52 to 55+61.52		LT	139126		36.4				RAISED INTERSECTION TAPER	
		56+11.18 to 56+46.43		LT	181999		36.4				RAISED INTERSECTION TAPER	
		56+14.13 to 56+46.85		RT	182009		32.3				RAISED INTERSECTION TAPER	
		56+71.13 to 56+81.36		LT	182000		36.1				RAISED INTERSECTION TAPER	
		56+71.50 to 56+81.73		RT	182002		36.1				RAISED INTERSECTION TAPER	
		62+40.15 to 62+50.26		RT	139122		35.4				RAISED CROSSWALK TAPER	
		62+73.14 to 62+83.26		RT	139121		35.6				RAISED CROSSWALK TAPER	
		62+97.66 to 63+07.66		LT	139120		36.3				RAISED CROSSWALK TAPER	
		63+30.66 to 63+40.66		LT	139117		36.2				RAISED CROSSWALK TAPER	

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DISTRICT FIVE - DESIGN

Lori B. Epperson, P.E.
No.: 84291

719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-13

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0337 7 83	Asphalt Concrete Friction Course, Traffic C, FC-12.5, PG 76-22	15+45.00 to 66+02.69		LT/RT	180692	TN	3689.40		4191.4			
		24+30.42 to 25+89.53		LT	181812		10.84				BUS BAY	
		25+86.50 to 26+29.50		RT	35224		13.10				RAISED CROSSWALK - 2" OVERBUILD	
		25+86.50 to 26+29.50		RT	32339		9.80				RAISED CROSSWALK - 1.5" OVERBUILD	
		26+26.36 to 26+69.36		LT	35230		13.10				RAISED CROSSWALK - 2" OVERBUILD	
		26+26.36 to 26+69.36		LT	32345		9.80				RAISED CROSSWALK - 1.5" OVERBUILD	
		26+61.57 to 28+21.22		RT	181805		10.26				BUS BAY	
		32+67.41 to 33+10.49		RT	35252		13.10				RAISED CROSSWALK - 2" OVERBUILD	
		32+67.41 to 33+10.49		RT	32376		9.80				RAISED CROSSWALK - 1.5" OVERBUILD	
		33+54.67 to 33+97.67		LT	35257		13.10				RAISED CROSSWALK - 2" OVERBUILD	
		33+54.67 to 33+97.67		LT	32381		9.80				RAISED CROSSWALK - 1.5" OVERBUILD	
		36+99.29 to 37+42.38		RT	32447		9.80				RAISED CROSSWALK - 1.5" OVERBUILD	
		36+99.29 to 37+42.38		RT	35290		13.10				RAISED CROSSWALK - 2" OVERBUILD	
		37+18.18 to 37+61.18		LT	35281		13.10				RAISED CROSSWALK - 2" OVERBUILD	
		37+18.18 to 37+61.18		LT	32438		9.80				RAISED CROSSWALK - 1.5" OVERBUILD	
		44+78.79 to 45+21.97		RT	35314		13.10				RAISED CROSSWALK - 2" OVERBUILD	
		44+78.79 to 45+21.97		RT	32471		9.80				RAISED CROSSWALK - 1.5" OVERBUILD	
		45+14.22 to 45+57.22		LT	32463		9.80				RAISED CROSSWALK - 1.5" OVERBUILD	
		45+14.22 to 45+57.22		LT	35306		13.10				RAISED CROSSWALK - 2" OVERBUILD	
		55+48.07 to 56+81.73		RT	181892		50.95				37TH ST. EASTBOUND - 1.5" OVERBUILD	
		55+48.07 to 56+81.73		RT	181957		67.95				37TH ST. EASTBOUND - 2" OVERBUILD	
		55+51.52 to 56+81.36		LT	181884		51.44				37TH ST. WESTBOUND - 1.5" OVERBUILD	
		55+51.52 to 56+81.36		LT	181948		68.59				37TH ST. WESTBOUND - 2" OVERBUILD	
		62+40.15 to 62+83.26		RT	35367		13.10				RAISED CROSSWALK - 2" OVERBUILD	
		62+40.15 to 62+83.26		RT	32516		9.80				RAISED CROSSWALK - 1.5" OVERBUILD	
		62+56.05 to 62+93.48		RT	33080		6.60				35TH ST. EASTBOUND - VARIABLE OVERBUILD	
		62+91.70 to 63+29.81		LT	122984		6.40				35TH ST. WESTBOUND - VARIABLE OVERBUILD	
		62+97.66 to 63+40.66		LT	122175		9.80				RAISED CROSSWALK - 1.5" OVERBUILD	
		62+97.66 to 63+40.66		LT	123104		13.10				RAISED CROSSWALK - 2" OVERBUILD	

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DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-14

SUMMARY OF UTILITY ADJUSTMENTS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STATION	SIDE	UNIT	QUANTITY P	QUANTITY F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
425-5-1	ADJUST MANHOLES (UTILITIES)	22+83.00	RT		1.0		4		ADJUST TO NEW PAVEMENT ELEV.	
		32+90.91	RT		1.0				ADJUST TO NEW RAISED CROSSWALK ELEV.	
		39+51.84	RT		1.0				ADJUST TO NEW DRIVEWAY ELEV.	
		40+08.78	RT		1.0				ADJUST TO NEW DRIVEWAY ELEV.	
425-5	ADJUST MANHOLES	32+90.22	LT		1.0		4		ADJUST TO NEW CURB ELEV.	
		33+63.42	LT		1.0				ADJUST TO NEW SIDEWALK ELEV.	
		39+50.40	LT		1.0				ADJUST TO NEW SOD ELEV.	
		62+72.84	RT		1.0				ADJUST TO NEW OVERBUILD ELEV.	
425-6	ADJUST VALVES	25+80.68	RT		1.0		5		ADJUST TO NEW CURB RAMP ELEV.	
		31+92.10	RT		1.0				ADJUST TO NEW SIDEWALK ELEV.	
		32+97.73	RT		1.0				ADJUST TO NEW SIDEWALK ELEV.	
		42+59.36	RT		1.0				ADJUST TO NEW SIDEWALK ELEV.	
		42+63.65	RT		1.0				ADJUST TO NEW SIDEWALK ELEV.	

SUMMARY OF RAILING

LOCATION STA. TO STA.	SIDE	PIPE HANDRAIL - GUIDERAIL (ALUMINUM) 0515 1 2 LF P	PIPE HANDRAIL - GUIDERAIL (ALUMINUM) 0515 1 2 LF F	DESIGN NOTES	CONSTRUCTION REMARKS
26+36.36 to 26+59.36	LT	23.0			
32+42.67 to 32+88.18	RT	45.5			
32+90.11 to 33+00.41	RT	10.3			
63+18.55 to 63+37.63	LT	30.2			
SUB-TOTAL:		109.0			
TOTAL:		109			

SUMMARY OF GENERAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STATION	SIDE	UNIT	QUANTITY P	QUANTITY F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
519-78	BOLLARDS	18+38.17	RT	EA	1		73			
		19+07.67	LT		1					
		19+18.59	RT		1					
		20+03.20	LT		1					
		20+19.24	RT		1					
		21+07.27	RT		1					
		21+21.37	LT		1					
		22+09.85	LT		1					
		21+15.95	RT		1					
		22+77.76	LT		1					
		22+85.31	RT		1					
		23+96.57	LT		1					
		24+17.24	RT		1					
		25+20.52	RT		1					
		28+69.37	LT		1					

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REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

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Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-15

SUMMARY OF GENERAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STATION	SIDE	UNIT	QUANTITY P	QUANTITY F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
519-78	BOLLARDS (CONT.)	28+78.97	RT	EA	1					
		30+31.33	LT		1					
		30+67.73	RT		1					
		31+67.22	LT		1					
		34+10.67	LT		1					
		34+69.68	RT		1					
		35+38.54	LT		1					
		36+40.44	RT		1					
		37+72.36	RT		1					
		38+84.51	LT		1					
		38+99.32	RT		1					
		40+23.56	LT		1					
		40+47.21	RT		1					
		41+79.88	RT		1					
		41+93.92	LT		1					
		44+26.99	LT		1					
		44+32.12	RT		1					
		45+72.54	RT		1					
		45+84.82	LT		1					
		47+12.09	RT		1					
		47+21.39	LT		1					
		49+02.41	RT		1					
		49+04.57	LT		1					
		50+22.23	LT		1					
		50+43.98	RT		1					
		51+41.16	LT		1					
		51+99.20	RT		1					
		53+47.32	LT		1					
		53+78.19	RT		1					
		54+68.08	RT		1					
		54+72.32	LT		1					
		55+97.49	RT		1				OFFSET 1.5' FROM BACK OF CURB	
		55+97.66	LT		1				OFFSET 1.5' FROM BACK OF CURB	
		56+03.92	LT		1				OFFSET 1.5' FROM BACK OF CURB	
		56+03.98	RT		1				OFFSET 1.5' FROM BACK OF CURB	
		56+12.62	LT		1				OFFSET 1.5' FROM BACK OF CURB	
		56+13.45	RT		1				OFFSET 1.5' FROM BACK OF CURB	
		56+13.65	LT		1				OFFSET 1.5' FROM BACK OF CURB	
		56+15.19	RT		1				OFFSET 1.5' FROM BACK OF CURB	
		56+44.82	LT		1				OFFSET 1.5' FROM BACK OF CURB	
		56+46.12	LT		1				OFFSET 1.5' FROM BACK OF CURB	
		56+46.75	RT		1				OFFSET 1.5' FROM BACK OF CURB	
		56+46.87	RT		1				OFFSET 1.5' FROM BACK OF CURB	
		56+53.86	LT		1				OFFSET 1.5' FROM BACK OF CURB	
		56+57.08	RT		1				OFFSET 1.5' FROM BACK OF CURB	
		56+60.01	LT		1				OFFSET 1.5' FROM BACK OF CURB	

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-16

SUMMARY OF GENERAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STATION	SIDE	UNIT	QUANTITY P	QUANTITY F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
519-78	BOLLARDS (CONT.)	56+63.83	RT	EA	1				OFFSET 1.5' FROM BACK OF CURB	
		56+95.40	LT		1					
		57+05.62	RT		1					
		58+17.49	LT		1					
		58+18.23	RT		1					
		60+17.39	LT		1					
		60+24.10	RT		1					
		61+59.86	RT		1					
		61+74.36	LT		1					
		63+47.41	RT		1					
		64+91.42	RT		1					
		64+94.57	LT		1					

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-17

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY GROSS LENGTH	DEDUCTIONS TYPE	DEDUCTIONS LENGTH	NET LENGTH P	NET LENGTH F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
0520 1 7	Concrete Curb & Gutter, Type E	25+93.24 to 26+26.36	LT		LF	33.1			33.1		446			
		32+42.59 to 33+54.67	LT/RT			142.1			142.1					
		33+10.49 to 33+18.48	RT			8.0			8.0					
		55+48.18 to 56+81.74	RT			133.6			133.6				DROP CURB - 37TH ST.	
		55+51.53 to 56+81.13	LT			129.5			129.5				DROP CURB - 37TH ST.	
0520 1 10	Concrete Curb & Gutter, Type F	22+95.61 to 23+24.49	LT		LF	46.3			46.3		2448			
		23+59.49 to 23+87.98	LT			46.2			46.2					
		25+27.51 to 25+50.99	RT			34.1			34.1					
		25+77.99 to 25+96.50	RT			30.8			30.8					
		25+95.52 to 25+96.50	RT			1.0			1.0					
		26+69.36 to 26+74.79	LT			9.1			9.1					
		31+84.00 to 32+67.41	RT			83.4			83.4					
		31+97.56 to 32+63.61	LT			66.1			66.1					
		32+72.22 to 33+02.86	LT			49.2			49.2					
		33+31.87 to 33+54.67	LT			46.1			46.1					
		33+89.51 to 35+07.48	RT			118.0			118.0					
		35+18.03 to 35+47.21	RT			73.7			73.7					
		35+58.32 to 36+99.28	RT			178.0			178.0					
		37+57.24 to 37+63.24	LT			6.0			6.0					
		37+57.24 to 38+81.90	LT			122.6			122.6					
		38+20.61 to 39+79.80	RT			158.8			158.8					
		39+24.79 to 39+63.85	LT			63.8			63.8					
		39+90.83 to 40+24.43	LT			73.1			73.1					
		39+98.35 to 40+55.12	RT			56.8			56.8					
		42+03.58 to 42+69.93	RT			66.4			66.4					
		45+57.23 to 46+20.20	LT			85.9			85.9					
		46+50.12 to 46+89.96	LT			64.4			64.4					
		47+03.16 to 47+80.43	RT		LF	77.3			77.3					
		52+45.64 to 52+80.56	LT			67.3			67.3					
		53+13.14 to 53+50.90	LT			69.5			69.5					
		53+91.48 to 54+60.82	RT			69.4			69.4					
		55+51.52 to 56+15.41	LT			96.4			96.4					
		55+81.06 to 56+17.15	RT			63.2			63.2					
		56+42.80 to 56+81.36	LT			71.3			71.3					
		56+44.33 to 56+81.49	RT			65.8			65.8					
		59+10.91 to 59+48.37	RT			75.9			75.9					
		59+80.87 to 60+16.24	RT			72.0			72.0					
		62+43.50 to 62+79.67	RT			53.0			53.0					
		63+06.38 to 63+52.84	LT			64.8			64.8					
		63+07.41 to 64+02.09	RT			122.3			122.3					

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-18

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	UNIT	QUANTITY GROSS LENGTH	DEDUCTIONS TYPE	DEDUCTIONS LENGTH	NET LENGTH P	NET LENGTH F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
0520 2 4	Concrete Curb, Type D	23+16.84 to 23+24.49	LT	LF	31.0			31.0		285			
		23+59.48 to 23+67.16	LT		31.5			31.5					
		25+48.72 to 25+50.99	RT		9.2			9.2					
		25+77.99 to 26+08.50	RT		41.1			41.1					
		25+95.63 to 25+96.50	LT/RT		5.9			5.9				TYPE L CURB	
		25+96.91 to 26+01.27	LT		5.4			5.4					
		26+07.94 to 26+29.50	RT		21.6			21.6				TYPE L CURB	
		26+53.17 to 26+53.25	LT/RT		7.2			7.2				TYPE L CURB	
		32+85.67 to 32+85.67	LT/RT		4.0			4.0				TYPE L CURB	
		33+72.92 to 33+72.92	LT		3.4			3.4				TYPE L CURB	
		33+79.42 to 33+79.42	RT		3.4			3.4				TYPE L CURB	
		33+79.42 to 33+79.42	LT/RT		6.0			6.0				TYPE L CURB	
		37+15.60 to 37+20.64	LT/RT		11.9			11.9				TYPE L CURB	
		37+45.22 to 37+45.22	LT		4.3			4.3				TYPE L CURB	
		37+45.22 to 37+45.22	RT		3.9			3.9				TYPE L CURB	
		44+97.01 to 44+97.01	LT/RT		9.6			9.6				TYPE L CURB	
		45+38.97 to 45+38.97	LT/RT		3.0			3.0				TYPE L CURB	
		45+38.97 to 45+38.97	RT		3.7			3.7				TYPE L CURB	
		55+68.01 to 55+68.06	LT/RT		10.7			10.7				TYPE L CURB	
		55+76.51 to 55+76.56	LT/RT		10.7			10.7				TYPE L CURB	
		62+62.60 to 62+62.63	RT		3.0			3.0				TYPE L CURB	
		62+63.52 to 63+12.15	LT/RT		49.8			49.8				TYPE L CURB	
		63+21.99 to 63+22.00	LT		4.2			4.2				TYPE L CURB	
0520 2 2	Concrete Curb, Type B	29+43.65 to 30+43.82	LT/RT	LF	214.1			214.1		474			
		42+81.40 to 43+21.94	LT/RT		87.4			87.4					
		62+50.35 to 63+29.44	LT/RT		172.0			172.0					
0520 5 11	Traffic Separator, Concrete, Type I, 4' wide	15+66.33 to 15+86.58	LT	LF	10.1			20.3		62			
		17+09.00 to 17+30.23	RT		10.6			21.2					
		49+12.47 to 49+21.30	LT		4.4			8.8					
		50+10.82 to 50+22.09	RT		5.6			11.3					
0920 520 2	Type RC Curb with Grate	25+86.51 to 26+29.51	RT	LF	43.0			43.0		648		TYPE E - RC CHANNEL GUTTER	
		25+96.50 to 26+07.89	RT		11.4			11.4				TYPE F - RC CHANNEL GUTTER	
		26+26.36 to 26+69.36	LT		43.0			43.0				TYPE E - RC CHANNEL GUTTER	
		26+31.04 to 26+69.36	LT		38.5			38.5				TYPE F - RC CHANNEL GUTTER	
		32+67.41 to 33+10.42	RT		43.0			43.0				TYPE F - RC CHANNEL GUTTER	
		32+67.49 to 33+10.49	RT		43.0			43.0				TYPE E - RC CHANNEL GUTTER	
		33+54.67 to 33+97.67	LT		43.0			43.0				TYPE E - RC CHANNEL GUTTER	
		33+54.67 to 33+97.67	LT		43.0			43.0				TYPE F - RC CHANNEL GUTTER	
		36+99.28 to 37+42.28	RT		43.0			43.0				TYPE F - RC CHANNEL GUTTER	
		36+99.38 to 37+42.39	RT		43.0			43.0				TYPE E - RC CHANNEL GUTTER	
		37+18.17 to 37+61.18	LT		43.0			43.0				TYPE E - RC CHANNEL GUTTER	
		37+18.18 to 37+57.24	LT		39.1			39.1				TYPE F - RC CHANNEL GUTTER	
		44+78.97 to 45+21.98	RT		43.0			43.0				TYPE E - RC CHANNEL GUTTER	
		44+78.78 to 45+21.78	RT		43.0			43.0				TYPE F - RC CHANNEL GUTTER	
		45+14.21 to 45+57.21	LT		43.0			43.0				TYPE E - RC CHANNEL GUTTER	
		45+14.23 to 45+57.23	LT		43.0			43.0				TYPE F - RC CHANNEL GUTTER	

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REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-19

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4" 0522 1 SY P	CONC SIDEWALK 4" 0522 1 SY F	CONC SIDEWALK 6" 0522 2 SY P	CONC SIDEWALK 6" 0522 2 SY F	DETECTABLE WARNINGS 0527 2 SF P	DETECTABLE WARNINGS 0527 2 SF F	DESIGN NOTES	CONSTRUCTION REMARKS
25+94.64 to 26+55.27	LT/RT	165616			71.7							
26+30.38 to 26+64.11	LT	119691			28.7							
29+43.87 to 30+43.60	LT/RT	125111			116.5							
31+83.96 to 32+00.65	RT	118814			12.6							
31+97.56 to 32+21.36	LT	119155			18.2							
32+42.65 to 33+00.41	RT	118824			48.2							
32+45.27 to 32+63.61	LT	119163			14.4							
32+71.95 to 32+97.23	LT	127473			28.9							
32+85.92 to 33+79.15	LT/RT	125122			79.9							
33+34.92 to 33+97.06	LT	127491			69.1							
33+89.51 to 33+99.50	RT	118844			6.7							
34+23.50 to 35+31.68	RT	118887			88.1							
36+09.93 to 36+63.66	RT	118924			43.8							
36+75.65 to 37+32.29	RT	118935			48.8							
37+13.79 to 37+48.79	LT/RT	119334			42.2							
37+18.18 to 37+67.25	LT	125138			41.8							
37+95.73 to 38+38.00	LT	119121			3.5							
38+20.59 to 38+56.01	RT	118956			28.6							
38+68.00 to 39+16.80	RT	118969			37.8							
39+28.76 to 39+48.69	RT	118982			13.2							
39+60.66 to 39+79.87	RT	118991			14.4							
39+98.31 to 40+17.10	RT	119007			13.8							
40+31.06 to 40+55.12	RT	119017			18.7							
42+03.56 to 42+37.11	RT	119032			27.0							
42+50.99 to 42+69.93	RT	119044			13.5							
42+81.75 to 43+21.95	LT/RT	127498			41.5							
44+88.73 to 45+16.17	RT	127576			22.1							
44+97.26 to 45+38.72	LT/RT	127566			30.8							
45+14.23 to 46+14.11	LT	127528			91.9							
46+56.73 to 46+89.98	LT	127553			39.5							
47+03.16 to 47+45.06	RT	119061			36.5							
47+57.02 to 47+80.51	RT	119069			19.5							
52+55.75 to 52+76.34	LT	125151			20.2							
53+17.23 to 53+36.89	LT	125153			20.3							
53+91.48 to 54+16.47	RT	119084			19.8							
54+40.47 to 54+60.84	RT	119091			15.9							
55+58.02 to 55+81.06	RT	125159			16.6							
55+58.26 to 56+08.74	LT	125176			52.2							
55+68.26 to 55+76.31	LT/RT	119339			9.5							
55+58.02 to 55+94.85	RT	206401			29.6							
55+91.77 to 56+09.30	RT	127599			16.2							
56+48.79 to 56+71.18	LT	127586			25.3							
62+50.57 to 63+29.21	LT/RT	119723			84.8							
62+69.93 to 62+79.17	RT	119722			10.5							
63+06.88 to 63+14.63	LT	125186			9.1							
63+40.51 to 64+02.09	RT	119724			53.5							
22+95.60 to 23+22.85	LT	54069					20.7					
				SUB-TOTAL:	1595.4		20.7					
				TOTAL:	1595		759		960			

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REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-20

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4" 0522 1 SY P	CONC SIDEWALK 4" 0522 1 SY F	CONC SIDEWALK 6" 0522 2 SY P	CONC SIDEWALK 6" 0522 2 SY F	DETECTABLE WARNINGS 0527 2 SF P	DETECTABLE WARNINGS 0527 2 SF F	DESIGN NOTES	CONSTRUCTION REMARKS
23+60.97 to 23+87.98	LT	54085					21.3					
25+27.43 to 25+47.56	RT	54123					14.2					
25+78.84 to 26+17.43	RT	166238					32.5					
25+84.20 to 25+94.74	LT/RT	165637					12.5					
26+64.11 to 26+74.27	LT	119674					6.5					
31+90.67 to 32+52.68	RT	119354					41.9					
32+11.28 to 32+55.28	LT	119380					26.6					
32+76.64 to 32+85.92	LT/RT	165644					11.3					
32+89.70 to 33+02.37	LT	125036					5.1					
33+32.02 to 33+43.43	LT	124979					4.2					
33+79.15 to 33+87.69	LT/RT	165649					10.3					
33+89.51 to 34+33.51	RT	119402					26.0					
35+13.06 to 35+42.43	RT	125131					8.4					
35+68.94 to 36+00.40	RT	119425					48.6					
35+90.85 to 36+09.93	RT	125024					7.5					
36+53.61 to 36+85.61	RT	119448					14.7					
37+06.21 to 37+15.69	LT/RT	165658					11.3					
37+57.24 to 38+05.74	LT	123243					29.6					
38+46.00 to 38+78.00	RT	119543					14.6					
39+06.76 to 39+70.70	RT	119559					29.7					
39+35.75 to 39+54.08	LT	118773					16.5					
39+44.82 to 39+63.85	LT	166221					9.3					
39+95.62 to 40+12.25	LT	166220					5.6					
40+03.36 to 40+22.03	LT	166211					16.9					
40+07.09 to 40+41.10	RT	119592					17.9					
42+27.03 to 42+61.03	RT	119615					16.4					
45+38.72 to 45+47.39	LT/RT	165665					10.6					
46+03.90 to 46+17.56	LT	125058					5.1					
46+51.57 to 46+67.58	LT	125045					6.3					
47+34.95 to 47+66.97	RT	119637					16.0					
52+67.14 to 52+80.11	LT	125067					4.9					
53+13.59 to 53+25.74	LT	125074					4.5					
54+06.47 to 54+50.47	RT	119658					25.6					
55+61.50 to 55+68.81	LT/RT	165670					8.6					
55+99.41 to 56+13.65	LT	124914					5.5					
55+99.85 to 56+13.93	RT	125084					5.5					
56+45.59 to 56+59.72	LT	125082					6.2					
56+45.60 to 56+66.63	RT	125088					18.8					
56+66.58 to 56+81.49	RT	165700					15.5					
59+10.79 to 59+41.36	RT	125093					21.3					
59+84.70 to 60+16.35	RT	125094					22.3					
62+43.51 to 62+72.64	RT	125097					29.8					
63+10.05 to 63+52.83	LT	124927					54.4					
63+14.24 to 63+40.59	RT	125098					17.5					
15+88.71 to 15+92.95	LT	200988							7.2			
15+96.53 to 15+98.12	LT	200981							7.3			
15+97.96 to 16+02.48	RT	184014							8.9			
SUB-TOTAL:							737.8		23.4			

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REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-21

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4" 0522 1 SY P	CONC SIDEWALK 4" 0522 1 SY F	CONC SIDEWALK 6" 0522 2 SY P	CONC SIDEWALK 6" 0522 2 SY F	DETECTABLE WARNINGS 0527 2 SF P	DETECTABLE WARNINGS 0527 2 SF F	DESIGN NOTES	CONSTRUCTION REMARKS
16+86.22 to 16+90.01	LT	200993							7.2			
17+00.53 to 17+05.04	RT	184016							9.3			
17+02.89 to 17+07.99	LT	200998							7.5			
23+13.33 to 23+22.85	LT	127744							21.9			
23+60.97 to 23+69.63	LT	127734							20.7			
25+39.56 to 25+47.22	RT	183874							16.6			
25+79.96 to 25+91.50	RT	183865							25.2			
25+96.50 to 26+07.98	RT	128101							22.9			
25+97.53 to 26+08.28	RT	127781							21.5			
26+42.36 to 26+53.36	LT	127705							22.0			
26+42.86 to 26+52.31	LT	127774							18.9			
26+69.14 to 26+74.14	LT	127716							12.8			
29+47.07 to 29+51.26	LT	128257							8.0			
30+00.01 to 30+04.03	LT	128258							7.9			
32+83.42 to 32+94.42	RT	128079							22.0			
32+85.92 to 32+91.92	RT	127991							12.0			
32+96.59 to 33+01.97	LT	127950							9.9			
33+32.64 to 33+38.41	LT	127960							10.2			
33+70.67 to 33+81.67	LT	127686							22.0			
33+73.19 to 33+79.15	LT	127677							11.9			
35+31.30 to 35+41.98	RT	128061							16.0			
35+91.99 to 36+01.93	RT	128026							17.1			
36+19.12 to 36+23.16	LT	128255							7.9			
36+70.01 to 36+74.03	LT	128256							8.1			
37+15.29 to 37+26.29	RT	128085							22.0			
37+16.44 to 37+25.99	RT	127758							19.3			
37+34.18 to 37+45.18	LT	127671							22.0			
37+34.49 to 37+44.97	LT	127763							21.0			
39+54.56 to 39+62.55	LT	183638							14.2			
39+96.87 to 40+08.49	LT	183643							18.0			
42+73.89 to 42+78.17	LT	128253							8.0			
43+32.18 to 43+36.27	LT	128254							7.8			
44+94.76 to 45+05.77	RT	128091							22.0			
44+97.26 to 45+03.26	RT	127664							12.0			
45+30.22 to 45+41.22	LT	127725							22.0			
45+32.72 to 45+38.72	LT	127769							12.0			
46+11.23 to 46+16.99	LT	127969							10.3			
46+52.46 to 46+58.37	LT	127978							10.3			
49+28.67 to 49+32.79	RT	128165							7.2			
49+30.11 to 49+34.45	LT	128251							8.0			
50+00.57 to 50+05.92	LT	128252							10.0			
50+01.06 to 50+05.52	RT	128174							8.0			
52+65.86 to 52+70.15	RT	128183							7.8			
52+74.29 to 52+79.58	LT	183960							9.9			
53+14.14 to 53+19.66	LT	183973							10.1			
53+25.06 to 53+29.39	RT	128192							8.1			
55+64.05 to 55+75.06	RT	128096							22.0			
55+67.52 to 55+78.52	LT	127653							22.0			
SUB-TOTAL :									693.5			

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REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-22

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4" 0522 1 SY P	CONC SIDEWALK 4" 0522 1 SY F	CONC SIDEWALK 6" 0522 2 SY P	CONC SIDEWALK 6" 0522 2 SY F	DETECTABLE WARNINGS 0527 2 SF P	DETECTABLE WARNINGS 0527 2 SF F	DESIGN NOTES	CONSTRUCTION REMARKS
55+69.26 to 55+75.27	LT	183839							12.0			
55+69.30 to 55+75.31	RT	183844							12.0			
56+05.50 to 56+13.55	RT	183808							14.4			
56+05.92 to 56+13.17	LT	183797							13.5			
56+46.01 to 56+55.25	RT	183650							21.1			
56+46.15 to 56+51.66	LT	183802							10.0			
59+32.35 to 59+36.51	LT	128247							7.9			
59+32.96 to 59+40.40	RT	128055							14.3			
59+85.66 to 59+93.11	RT	128067							14.3			
59+87.02 to 59+91.24	LT	128248							8.2			
62+61.35 to 62+70.83	RT	128119							19.0			
62+62.03 to 62+66.23	LT	128246							8.0			
62+62.99 to 62+68.99	RT	183657							12.0			
63+13.83 to 63+24.66	LT	128020							22.4			
63+15.22 to 63+28.58	RT	128073							26.5			
63+15.50 to 63+21.51	LT	183662							12.0			
65+90.29 to 65+94.50	LT	128245							7.7			
65+90.42 to 65+94.45	RT	128201							7.6			
SUB-TOTAL:									242.9			

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Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-23

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD) 0570 1 2 SY P	PERFORMANCE TURF (SOD) 0570 1 2 SY F	DESIGN NOTES	CONSTRUCTION REMARKS
23+13.33 to 23+23.99	LT	128320			30.1			
23+13.34 to 25+94.12	LT/RT	152320			318.1			
23+59.98 to 23+69.97	LT	128321			30.4			
25+44.03 to 25+49.37	RT	128337			3.4			
25+81.07 to 26+08.49	RT	128338			32.3			
26+52.36 to 26+91.81	LT/RT	152392			26.2			
32+43.34 to 33+73.19	LT/RT	128382			69.5			
32+72.12 to 32+98.07	LT	128272			7.2			
32+93.47 to 33+02.37	LT	128349			6.5			
33+32.02 to 33+39.65	LT	128365			8.2			
33+36.60 to 33+64.67	LT	128367			7.9			
33+79.14 to 33+97.75	LT/RT	68092			22.4			
33+97.74 to 37+13.79	LT/RT	152330			447.3			
35+13.17 to 35+46.74	RT	129842			54.0			
35+83.83 to 36+27.21	RT	129843			53.6			
37+47.44 to 39+99.56	LT/RT	152331			283.5			
37+56.56 to 37+67.25	LT	129850			6.7			
39+24.79 to 39+52.24	LT	129891			6.3			
39+51.83 to 39+62.49	LT	129893			11.2			
39+89.95 to 40+08.36	LT	129894			34.8			
43+21.96 to 44+94.38	LT/RT	152339			209.3			
44+94.28 to 45+32.72	LT/RT	129907			11.3			
45+03.26 to 45+46.51	LT/RT	129909			21.7			
45+46.41 to 46+66.26	LT/RT	152346			123.6			
45+84.96 to 46+12.70	LT	129955			8.6			
46+08.83 to 46+19.71	LT	129957			11.1			
46+50.59 to 46+62.94	LT	129962			14.6			
46+56.92 to 46+86.02	LT	129964			9.3			
52+45.64 to 52+75.77	LT	129992			9.8			
52+67.27 to 55+56.52	LT/RT	152380			328.2			
52+71.55 to 52+80.11	LT	129994			13.8			
53+13.59 to 53+21.45	LT	129996			13.5			
53+18.19 to 53+44.75	LT	129998			7.5			
55+56.53 to 55+68.32	LT/RT	68141			14.0			
55+76.25 to 55+89.32	LT/RT	68142			15.8			
55+79.91 to 56+06.87	LT	128285			8.0			
55+81.06 to 56+06.29	RT	130040			5.8			
55+89.31 to 59+85.55	LT/RT	152388			455.4			
56+03.72 to 56+14.63	LT	128286			15.7			
56+06.29 to 56+14.74	RT	130039			12.4			
56+43.62 to 56+55.02	LT	130054			13.9			
56+45.13 to 56+66.58	RT	130038			35.3			
56+50.18 to 56+81.36	LT	130056			10.2			
59+10.79 to 59+47.89	RT	130081			19.7			
59+81.26 to 60+11.67	RT	130086			42.3			
62+75.01 to 62+81.17	RT	130105			16.8			
63+04.88 to 63+10.05	LT	128291			5.9			
				SUB-TOTAL:	2913.1			
				TOTAL:	2952			

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REVISIONS DATE	DESCRIPTION	DATE	DESCRIPTION

DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO. SQ-24

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD) 0570 1 2 SY P	 F	DESIGN NOTES	CONSTRUCTION REMARKS
63+07.88 to 63+40.51	RT	130106			35.7			
63+09.21 to 63+18.34	LT	164371			3.4			
				SUB-TOTAL:	39.1			

SUMMARY OF FENCING

PAY ITEM NO.	DESCRIPTION	LOCATION STA. TO STA.	SIDE	UNIT	QUANTITY P	 F	TOTAL P	 F	DESIGN NOTES	CONSTRUCTION REMARKS
0914 550 17	Fencing - Pedestrian Barrier, P1 Steel Loop	9+98.60 to 10+52.56	LT	LF	54.0		4932			
		10+52.56 to 15+80.56	LT		528.0					
		17+17.88 to 23+23.88	RT		606.0					
		23+23.88 to 23+65.40	LT/RT		42.0					
		23+65.40 to 25+75.40	LT		210.0					
		25+75.40 to 25+93.25	LT		18.0					
		25+93.25 to 26+41.25	LT		48.0					
		26+11.37 to 26+41.37	RT		30.0					
		26+41.37 to 26+88.55	LT/RT		48.0					
		26+88.55 to 29+16.54	LT		228.0					
		29+46.40 to 29+64.40	RT		18.0					
		29+64.39 to 30+23.06	LT/RT		60.0					
		30+23.06 to 30+41.06	LT		18.0					
		30+73.45 to 32+47.45	RT		174.0					
		32+47.45 to 32+82.88	LT/RT		36.0					
		32+82.88 to 33+72.88	LT		90.0					
		33+85.22 to 35+29.22	RT		144.0					
		35+29.22 to 35+46.64	LT/RT		18.0					
		35+46.64 to 36+96.64	LT		150.0					
		36+96.64 to 37+08.39	LT		12.0					
		37+08.39 to 37+32.38	LT		24.0					
		37+27.58 to 37+63.58	RT		36.0					
		37+63.58 to 37+73.44	LT/RT		12.0					
		37+73.44 to 38+03.44	LT		30.0					
		38+03.44 to 39+82.81	LT		179.4					
		39+82.81 to 42+40.80	LT		258.0					
		42+82.38 to 43+12.39	RT		30.0					
		43+12.39 to 43+22.21	LT/RT		12.0					
		43+22.21 to 44+42.20	LT/RT		120.0					
		44+42.20 to 44+53.96	LT/RT		12.0					
		44+53.96 to 45+31.96	LT		78.0					
		45+03.49 to 45+33.48	RT		30.0					
		45+33.48 to 45+45.23	RT		12.0					
		45+45.23 to 46+17.23	RT		72.0					
		46+17.23 to 46+58.82	LT/RT		42.1					

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REVISIONS			
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DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
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719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-25

SUMMARY OF FENCING

PAY ITEM NO.	DESCRIPTION	LOCATION STA. TO STA.	SIDE	UNIT	QUANTITY P	QUANTITY F	TOTAL P	TOTAL F	DESIGN NOTES	CONSTRUCTION REMARKS
		46+58.82 to 49+10.82	LT		252.0					
		50+17.61 to 52+75.61	RT		258.0					
		52+75.61 to 53+17.10	LT/RT		42.0					
		53+17.10 to 55+33.10	LT		216.0					
		55+33.10 to 55+44.84	LT		12.0					
		55+44.84 to 55+62.84	LT		18.0					
		55+77.71 to 56+19.71	RT		42.0					
		56+19.71 to 56+42.70	LT/RT		24.0					
		56+42.70 to 56+78.72	LT		36.0					
		56+78.72 to 58+10.60	LT/RT		132.0					
		58+10.60 to 59+36.59	RT		126.0					
		59+36.59 to 59+84.20	LT/RT		48.0					
		59+84.20 to 62+30.18	LT		246.0					

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REVISIONS			
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DISTRICT FIVE - DESIGN
Lori B. Epperson, P.E.
No.: 84291
719 South Woodland Blvd.
DeLand, Florida 32720

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
500	ORANGE	447395-1-52-01

SUMMARY OF QUANTITIES

SHEET NO.
SQ-26

LANDSCAPE TABULATION OF QUANTITIES

PAY ITEM NO.	SYM	DESCRIPTION (BOTANICAL NAME / COMMON NAME; SIZE; SPACING; DETAILS)	MAX. MAINT. SIZE	REMARKS	UNIT	PLAN NUMBERS								TOTAL THIS SHEET		GRAND TOTAL	
						38		39		40							
						PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
580-1-1		SMALL PLANTS															
	AS	ALOE SAPONARIA / SOAP ALOE; 3 GAL,10" HT X 12" SPR, FULL, 24" OC	24" HT		EA			1120						1,120		1,120	
	EM	EUPHORBIA MILII / CROWN OF THORNS; 3 GAL, 10" HT X 14" SPR, FULL, 24" OC	36" HT		EA	215		180						395		395	
	TF	TRIPSACUM FLORIDANUM / DWARF FAKAHATCHEE GRASS; 3 GAL, 12-14" HT X 10-12" SPR, FULL TO POT, 36" OC	36" HT		EA	84		107						191		191	
	YF	YUCCA FILAMENTOSA 'COLOR GUARD' / VARIEGATED ADAM'S NEEDLE; 3 GAL, 8-10" HT X 14" SPR, 24" OC	48" HT		EA			493		132				625		625	
580-1-2		LARGE PLANTS															
	BC	BUTIA CAPITATA / EUROPEAN FAN PALM; FG, 3'CT, STRAIGHT TRUNKS			EA	4		5						9		9	
	SP	SABAL PALMETTO / SABAL PALM; FG, 12'-18' CT, REGENERATED ROOTS & LEAVES, SLICK TRUNK			EA	3		36						39		39	
	SN	STRELITZIA NICOLAI/ WHITE BIRD OF PARADISE; 25 GAL, 7' HT, FULL, LOW BRANCHED			EA	1		2						3			
	YA	YUCCA ALOIFOLIA/ SPANISH BAYONET; 7 GAL, 4-5' HTX 1-2' SPR, FULL	4' HT		EA			11						11			
	ZF	ZAMIA FURFURACEA/ CARDBOARD PALM; 7 GAL, 3' HT X 3' SPR, FULL	6' HT		EA			16		2				18			

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Jessica Alyssa Marie Soleyn, RLA
LA# 6667441
AECOM Technical Services, Inc
7650 West Courtney Campbell Causeway
Tampa, FL 33607-1462

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 500	ORANGE	447395-1-52-01

TABULATION OF QUANTITIES AND PLANT SCHEDULE

SHEET NO.
SQ-27