

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

**TURNPIKE MAINLINE (SR 91) NORTHBOUND - W. COLONIAL DR. TO SR 44  
EMERGENCY SHOULDER USE (ESU) DEPLOYMENT PLANS 2022  
(RIGHT SHOULDER USE ONLY)**

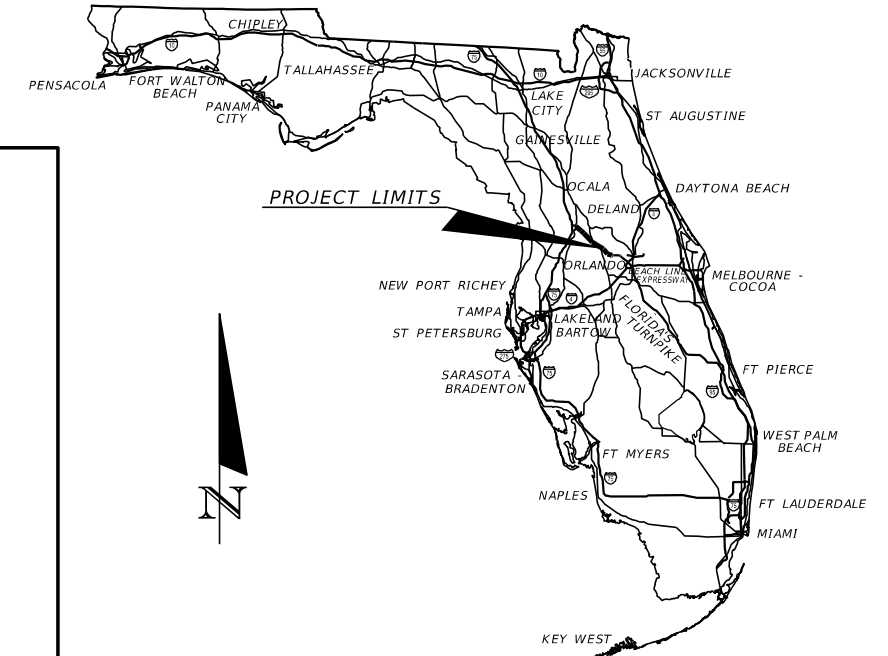
INDEX OF SHOULDER USE DEPLOYMENT PLANS

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ORANGE COUNTY (75470)

LAKE COUNTY (11470)

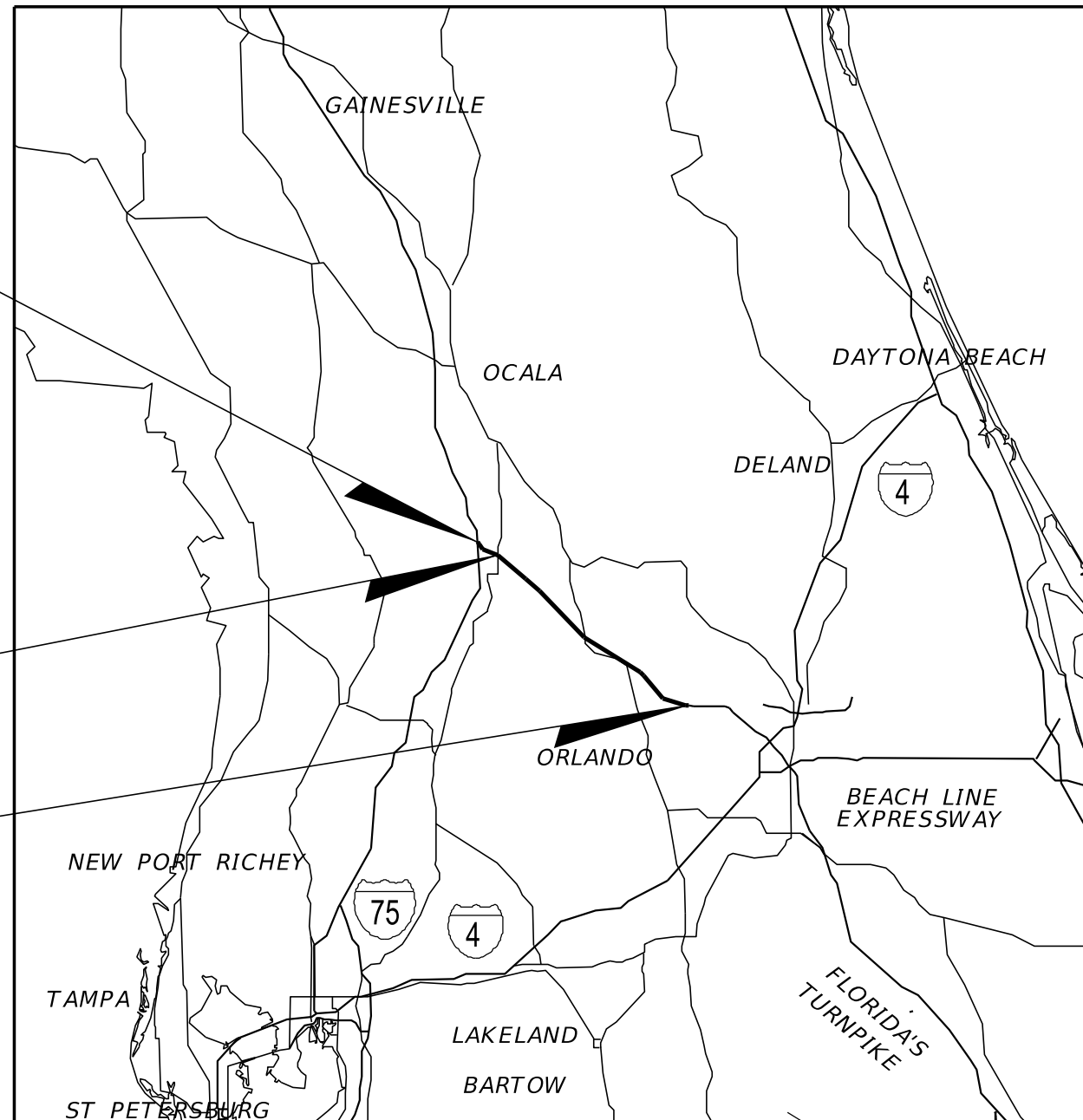
SUMTER COUNTY (18470)



END SR 91 NORTHERN ESU  
\*\* ALTERNATIVE 2  
SUMTER COUNTY  
SR 93 MM 328.57

\* END SR 91 NORTHERN ESU  
ALTERNATIVE 1  
SUMTER COUNTY  
SR 91 MM 305.75

BEGIN SR 91 NORTHERN ESU  
ORANGE COUNTY  
SR 91 MM 273.0



NOTE:  
\* ALTERNATIVE 1: ESU TERMINATES AT US 301.  
\*\* ALTERNATIVE 2: ESU TERMINATES AT SR 44.

FISCAL YEAR	SHEET NO.
23	1

# GENERAL NOTES

1. THE PAVED SHOULDER WIDTH ALONG THIS CORRIDOR HAS BEEN FIELD VERIFIED TO BE AT LEAST 10'-0" MEASURED FROM THE EDGE OF THE PAVED SHOULDER OR FACE OF GUARDRAIL TO THE EDGE OF THE STRIPE. HOWEVER, IF CONSTRUCTION WORK OR OTHER CONDITION RESULTS IN A PAVED SHOULDER WIDTH, AT THE TIME OF IMPLEMENTATION, LESS THAN 10'-0" BUT AT LEAST 9'-0", SEE TYPICAL NARROW SHOULDER DETAIL.
2. IMPLEMENTATION OF SHOULDER USE MAY BE ALONG THE ENTIRE CORRIDOR OR ALONG SPECIFIC SECTIONS OF THE CORRIDOR.
3. DEBRIS, ENCROACHING VEGETATION, AND HAZARDS ON BOTH SHOULDERS SHALL BE REMOVED PRIOR TO IMPLEMENTATION OF SHOULDER USE.
4. TEMPORARY SIGNS SHALL BE PORTABLE INSTALLATIONS. THE SIGNS SHALL BE BLACK LEGEND ON FLOURESCENT PINK BACKGROUND. THE SIGN MESSAGES SHALL ONLY BE DISPLAYED UPON IMPLEMENTATION.
5. TURNPIKE SPECIFIC STANDARD OPERATING PROCEDURE (SOP) WILL BE DEVELOPED AND PROVIDED BY EACH FDOT DISTRICT. THESE WILL ADDRESS REQUIREMENT AND STANDARD PROCEDURES FOR TEMPORARY AND PERMANENT SIGN INSTALLATION, EMERGENCY ASSISTANCE VEHICLE, LAW ENFORCEMENT OFFICER AND OTHER PERTINENT INFORMATION REGARDING THE IMPLEMENTATION OF SHOULDER USE FOR EMERGENCY EVACUATION PURPOSES.
6. UNLESS OTHER TRAFFIC INCIDENT MANAGEMENT MESSAGES TAKE PRECEDENCE, THE DEFAULT MESSAGE ON THE PERMANENT DMS SHALL BE SINGLE-PHASE, THREE-LINE MESSAGE:  
DMS-091-270.8NB: "RIGHT SHOULDER OPEN FOR USE MILE MARKER 273."

**RIGHT SHOULDER  
OPEN FOR USE  
MILE MARKER 273**






TDMS-091-287.1NB: "TOLLS SUSPENDED/STAY IN LANE/DO NOT STOP."

**TOLLS SUSPENDED  
STAY IN LANE  
DO NOT STOP**

IF REQUIRED, USE OF ABBREVIATED TEXT IS ALLOWED PER MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SECTION 1A.

7. DMS - DYNAMIC MESSAGE SIGN  
PCMS - PORTABLE CHANGEABLE MESSAGE SIGN  
EAV - EMERGENCY ASSISTANCE VEHICLE  
LEO - LAW ENFORCEMENT OFFICER
8. CHANNELIZING DEVICES MAY BE TRAFFIC CONES, PLASTIC DRUMS OR DELINEATORS.
9. SIGNS AND TEMPORARY MOUNTS SHALL BE ON THE APPROVED PRODUCT LIST (APL).
10. ESU SHOULD ONLY BE IMPLEMENTED IN DRY CONDITIONS. IF RAIN OR FOG EXISTS, ESU SHOULD BE TERMINATED UNTIL FURTHER GUIDANCE IS PROVIDED BY THE STATE TRAFFIC ENGINEERING AND OPERATIONS OFFICE.
11. IT IS PREFERED THAT ALL PCMS IN THIS DEPLOYMENT PLAN ARE REMOTELY OPERABLE. BUT AT A MINIMUM THE PCMS AT MM 305.1 (STA 7972+00.00) MUST BE REMOTELY OPERABLE.

## LEGEND

-  EMERGENCY ASSISTANCE VEHICLE (SHOWN FOR INFORMATION ONLY)
-  LAW ENFORCEMENT OFFICER (LEO) (FIXED POSITIONS)
-  PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
-  TEMPORARY STATIC SIGN
-  CHANNELIZING DEVICE

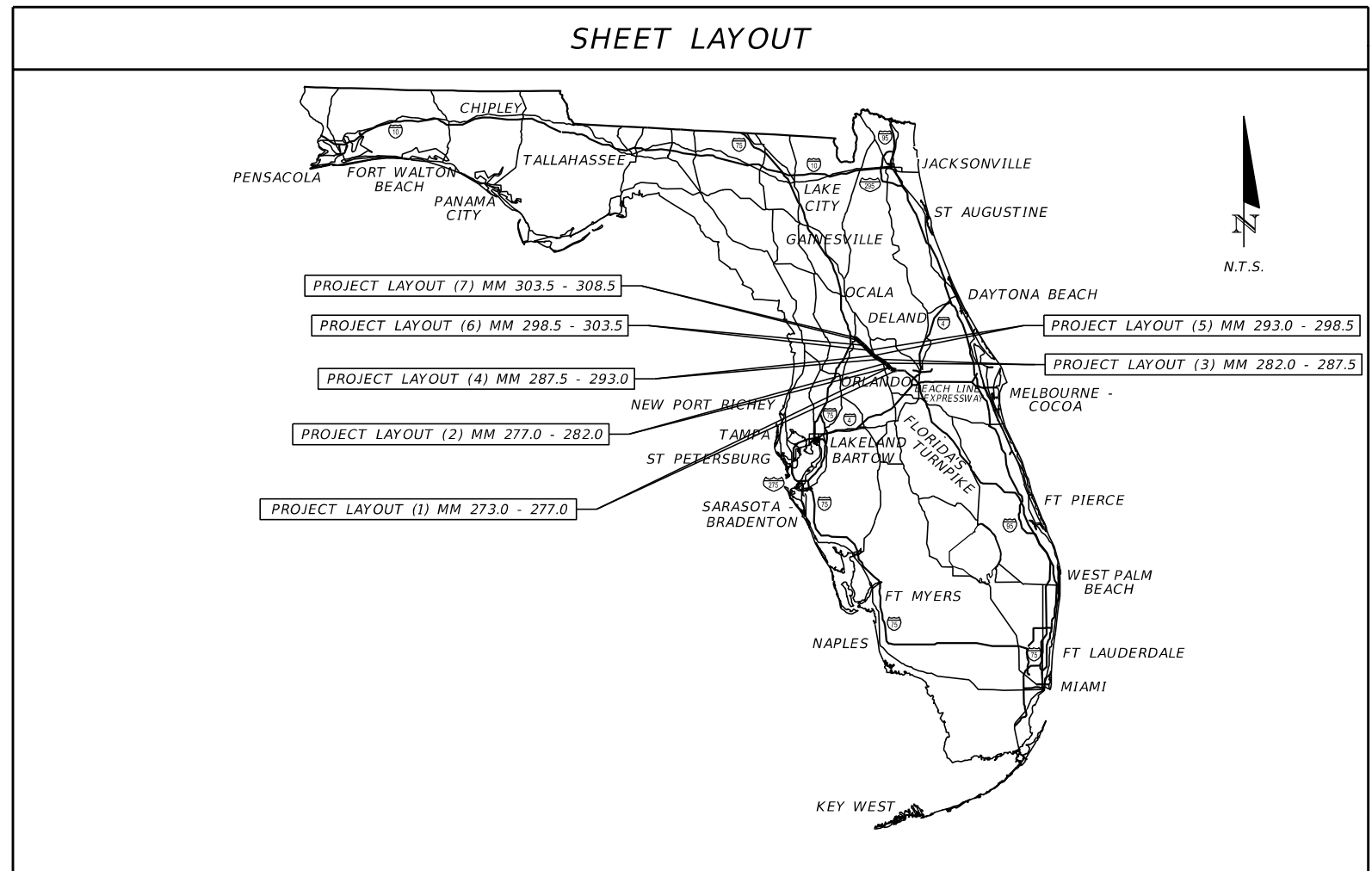
## TABULATION OF QUANTITIES

LOCATIONS	NUMBER	LAW ENFORCEMENT OFFICER (LEO)	EMERGENCY ASSISTANCE VEHICLE (EAV)	PORTABLE CHANGEABLE MESSAGE SIGN	TEMP. PORTABLE SIGN	CHANNELIZING DEVICES
BEGIN	1	1	1	2	3	64
END	2	3	2	5	13	59
INTERCHANGE	7	9	1	4	35	622
SERVICE PLAZA	1	1		2	2	
TOLL PLAZA						
NARROW SHOULDER	13				29	
<b>TOTAL</b>		<b>14</b>	<b>4</b>	<b>13</b>	<b>82</b>	<b>745</b>

### NOTES:

1. LAW ENFORCEMENT OFFICER LOCATIONS SHOWN ON THE PLANS ARE FIXED LOCATIONS AND DO NOT ACCOUNT FOR SUPPORT ACTIVITIES OR PATROLLING ACTIVITIES.
2. EMERGENCY ASSISTANCE VEHICLE (EAV) LOCATIONS SHOWN ON THE PLANS ARE MINIMUM LOCATIONS AND DO NOT ACCOUNT FOR ADDITIONAL SUPPORT ACTIVITIES

## SHEET LAYOUT



REVISIONS				JAMES J. VOMACKA, PE P.E. LICENSE NUMBER 60518 PROPEL ENGINEERING, INC. 2711 N VISTA PARKWAY, SUITE B7 WEST PALM BEACH, FL 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES AND SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 91	ORANGE LAKE SUMTER		437167-3-52-01

**CONSTRUCTION PROJECTS**

FPID	DISTRICT	COUNTY	DESCRIPTION	MM BEGIN	MM END	START DATE	END DATE	ESU IMPACT YES/NO	ESU IMPACT (OUTSIDE 2022 HURRICANE SEASON)	ESU IMPACT (DURING 2022 HURRICANE SEASON)
435784-1	TPK	ORANGE	WIDEN TPK- SR50 CLERMONT TO ORANGE/LAKE C/L (271.17-274) (4TO8 LNS)	272.9	274.0	AUG, 2021	APR, 2026	NO		
435785-1	TPK	LAKE	WIDEN TPK- ORANGE/LAKE C/L - MINNEOLA (274-279.14) (4TO8 LNS)	274.0	279.2	AUG, 2021	APR, 2026	NO		
441717-1	TPK	SUMTER	RECONSTRUCT TPK MAINLINE SUMTER CNTY	297.9	308.9	MAY, 2021	JUN, 2022	NO		
441717-2	TPK	SUMTER	SAFETY IMPROVEMENTS FOR TPK MAINLINE IN SUMTER CNTY	297.9	308.9	MAY, 2021	JUN, 2022	NO		

**LEO LOCATION ASSIGNMENT TABLE (FHP TROOPS)**

NO.	LEO NUMBER	MILE MARKER	LOCATION	TYPE
1	91 N 273	273	N. OF SR 50 INTERCHANGE	BEGIN SHOULDER USE
2	91 N 274	274	N. OF SR 50 INTERCHANGE	END INTERCHANGE
3	91 N 278	278	S. OF HANCOCK RD INTERCHANGE	BEGIN INTERCHANGE
4	91 N 279	279	N. OF HANCOCK RD INTERCHANGE	END INTERCHANGE
5	91 N 285	285	S. OF US 27 (SR 19) INTERCHANGE	BEGIN INTERCHANGE
6	91 N 289	289	N. OF US 27 (SR 25) INTERCHANGE	END INTERCHANGE
7	91 N 295	295	S. OF CR 470 INTERCHANGE	BEGIN INTERCHANGE
8	91 N 297	297	N. OF CR 470 INTERCHANGE	END INTERCHANGE
9	91 N 300	300	S. OF OKAHUMPKA SERVICE PLAZA	SERVICE PLAZA
10	91 N 305 A	305	S. OF US 301 INTERCHANGE	BEGIN INTERCHANGE
11	91 N 305 B	305	S. OF US 301 INTERCHANGE	END SHOULDER USE
12	91 N 305	305.0	US 301 INTERSECTION	BEGIN INTERCHANGE
13	91 N 305.6	305.6	US 301 INTERSECTION	END SHOULDER USE
14	91 N 308	308.0	SR 44 INTERCHANGE	END SHOULDER USE

**EAV LOCATION ASSIGNMENT TABLE**

NO.	EAV NUMBER	MILE MARKER	LOCATION
1	91 N 274	274	N. OF SR 50 INTERCHANGE
3	91 N 305	305	S. OF US 301 INTERCHANGE
3	91 N 306	306	N OF US 301 INTERCHANGE
4	93 N 328	328	N OF SR 44 INTERCHANGE

**TELEMETER TRAFFIC MONITORING SITE (TTMS)**

NO.	DISTRICT	COUNTY	LOCATION	MILE MARKER	SITE NO.	LIVE POLL	SHOULDER LOOP
1	TPK	LAKE	SR-91, 0.15 MI S OF CR-561	281.7	970428	YES	NO
2	TPK	SUMTER	SR-91, 0.09 MI S OF CR-468	301.6	979931	YES	NO

<p align="center">REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					JAMES J. VOMACKA, PE P.E. LICENSE NUMBER 60518 PROPEL ENGINEERING, INC. 2711 N VISTA PARKWAY, SUITE B7 WEST PALM BEACH, FL 33411			<p align="center">STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td>SR 91</td> <td>ORANGE LAKE SUMTER</td> <td>437167-3-52-01</td> </tr> </tbody> </table>			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 91	ORANGE LAKE SUMTER	437167-3-52-01	<p align="center"><b>FEATURE TABULATION</b></p>		SHEET NO.  3
DATE	DESCRIPTION	DATE	DESCRIPTION																							
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																								
SR 91	ORANGE LAKE SUMTER	437167-3-52-01																								

**NARROW SHOULDER LOCATIONS**

COUNTY	DISTRICT	MM	OUTSIDE SHOULDER WIDTH	LOCATION	RECOMMENDATIONS
LAKE	TPK	274.18	9' - 6"	FLUSH SHOULDER	SEE TYPICAL NARROW SHOLDER DETAIL SHEET
LAKE	TPK	274.34	9' - 7"	GUARDRAIL	SEE TYPICAL NARROW SHOLDER DETAIL SHEET
LAKE	TPK	275.54	9' - 6"	OLD HIGHWAY 50 E (BRIDGE NO. 110037)	SEE TYPICAL NARROW SHOLDER DETAIL SHEET
LAKE	TPK	275.62	9' - 0"	CR 455 OVERPASS (BRIDGE NO. 110052)	SEE TYPICAL NARROW SHOLDER DETAIL SHEET
LAKE	TPK	276.40	9' - 7"	FLUSH SHOULDER	SEE TYPICAL NARROW SHOLDER DETAIL SHEET
LAKE	TPK	277.17	9' - 6"	BARRIER CURB/GUARDRAIL	SEE TYPICAL NARROW SHOLDER DETAIL SHEET
LAKE	TPK	277.63	9' - 8"	BARRIER CURB/GUARDRAIL	SEE TYPICAL NARROW SHOLDER DETAIL SHEET
LAKE	TPK	280.68	9' - 3"	SCRUB JAY LN OVERPASS (BRIDGE NO. 110069)	SEE TYPICAL NARROW SHOLDER DETAIL SHEET
LAKE	TPK	282.11	9' - 6"	CR 561 OVERPASS (BRIDGE NO 110070)	SEE TYPICAL NARROW SHOLDER DETAIL SHEET
LAKE	TPK	285.36	9' - 6"	HOWEY RD OVERPASS (BRIDGE NO. 110071)	SEE TYPICAL NARROW SHOLDER DETAIL SHEET
LAKE	TPK	292.67	9' - 6"	SR 33 OVERPASS (BRIDGE NO. 110001)	SEE TYPICAL NARROW SHOLDER DETAIL SHEET
LAKE	TPK	294.20	9' - 7"	LEESBURG HIGHWAY BRIDGE (BRIDGE NO. 110029)	SEE TYPICAL NARROW SHOLDER DETAIL SHEET
SUMTER	TPK	301.62	9' - 2"	CR 468 OVERPASS (BRIDGE NO. 180007)	SEE TYPICAL NARROW SHOLDER DETAIL SHEET

**DYNAMIC MESSAGE SIGN (DMS)**

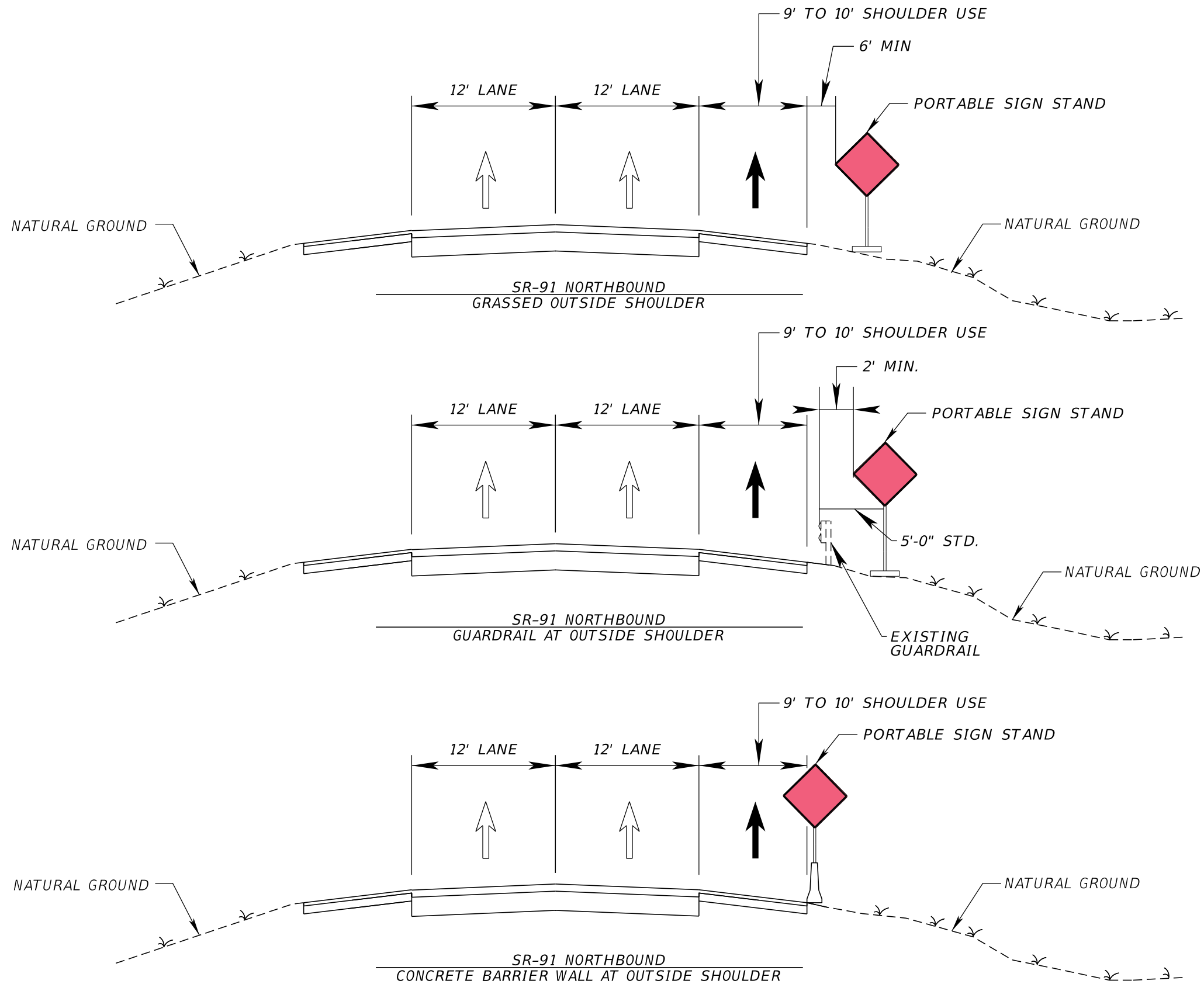
NO.	DISTRICT	COUNTY	LOCATION	MILE MARKER
1	TPK	LAKE	DMS-091-270.8NB	270.8
2	TPK	LAKE	TDMS-091-287.1NB	287.1

**SUMMARY OF EMERGENCY CROSSOVERS**

COUNTY	DISTRICT	MILE POST	MILE MARKER
LAKE	TPK	0.163	274.5
LAKE	TPK	1.863	276.2
LAKE	TPK	2.863	277.2
LAKE	TPK	3.763	278.1
LAKE	TPK	5.263	279.6
LAKE	TPK	6.763	281.1
LAKE	TPK	7.863	282.2
LAKE	TPK	9.963	284.3
LAKE	TPK	11.563	285.9
LAKE	TPK	12.563	286.9
LAKE	TPK	16.263	290.6
LAKE	TPK	20.363	294.7
SUMTER	TPK	1.166	299.0
SUMTER	TPK	3.566	301.4
SUMTER	TPK	4.466	302.3
SUMTER	TPK	5.566	303.4
SUMTER	TPK	8.666	306.5
SUMTER	TPK	9.666	307.5

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 91	ORANGE LAKE SUMTER	437167-3-52-01	

**FEATURE TABULATION**



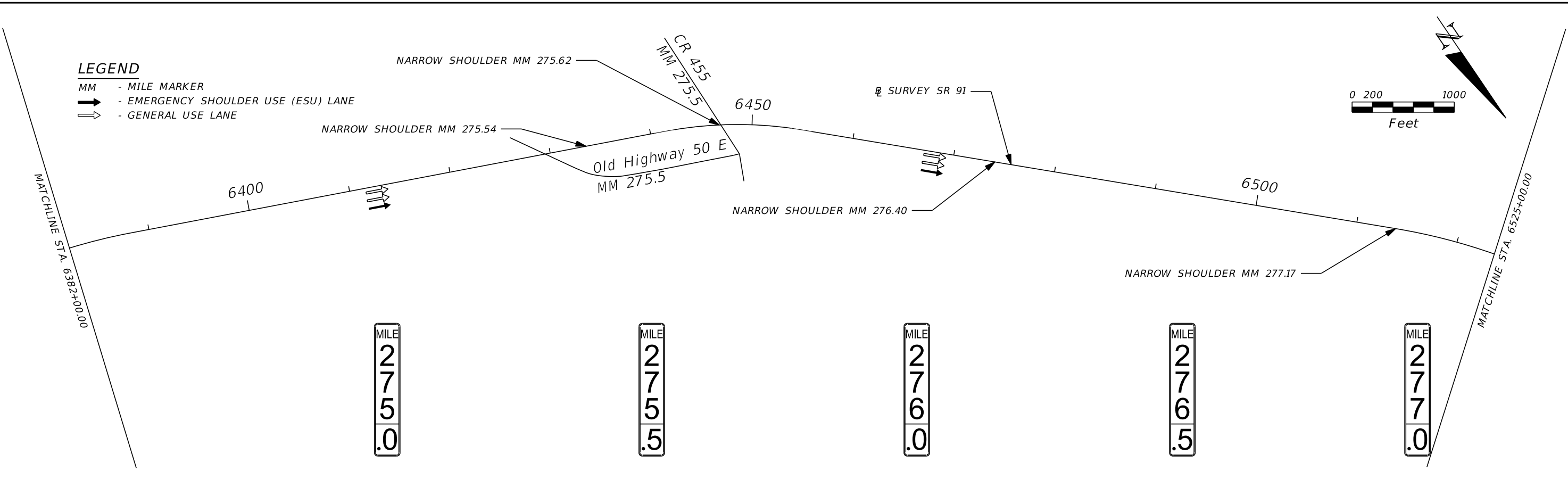
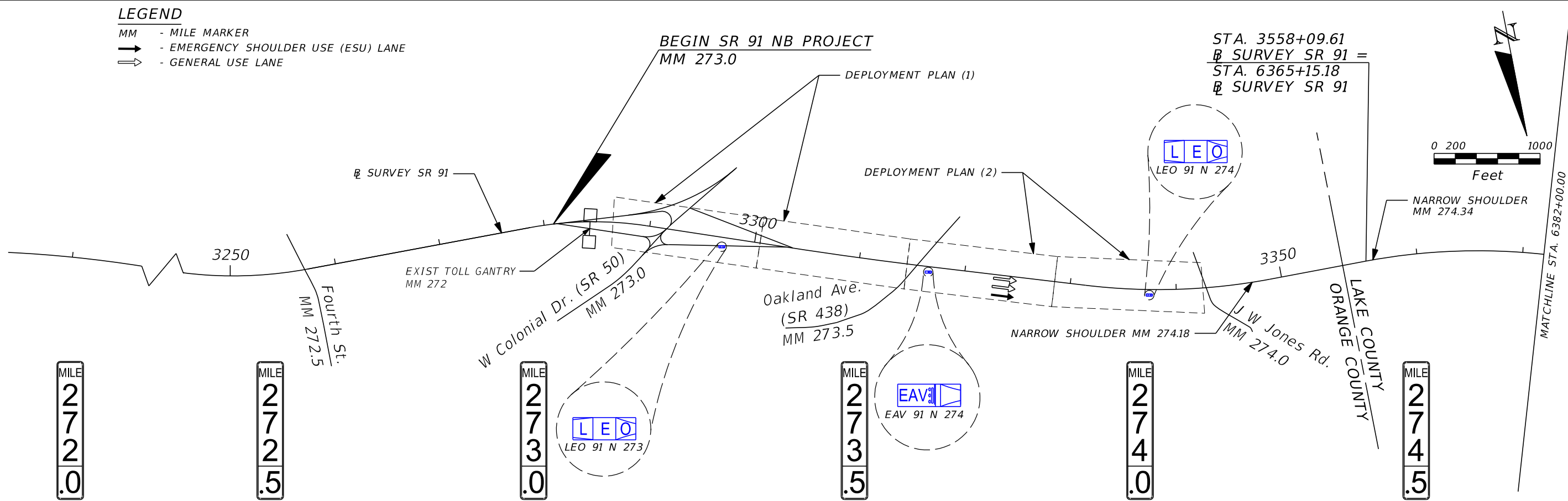
- LEGEND**
- EMERGENCY SHOULDER USE (ESU) LANE
  - GENERAL USE LANE

\* NOTE: WHERE STANDARD SIGN WILL ENCROACH ON SHOULDER, A 36" SIGN SHOULD BE USED.

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		5
					SR 91	ORANGE LAKE SUMTER	437167-3-52-01		

**LEGEND**

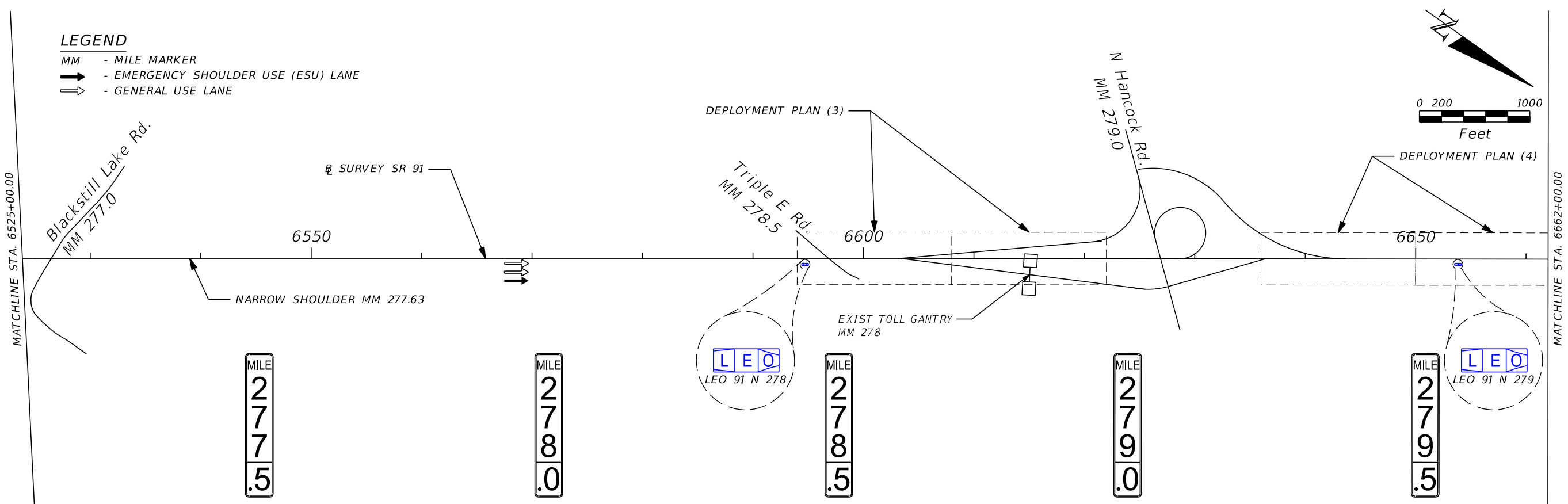
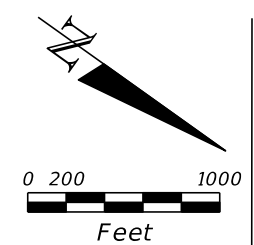
- MM - MILE MARKER
- - EMERGENCY SHOULDER USE (ESU) LANE
- ⇨ - GENERAL USE LANE



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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		6
					SR 91	ORANGE LAKE SUMTER	437167-3-52-01		

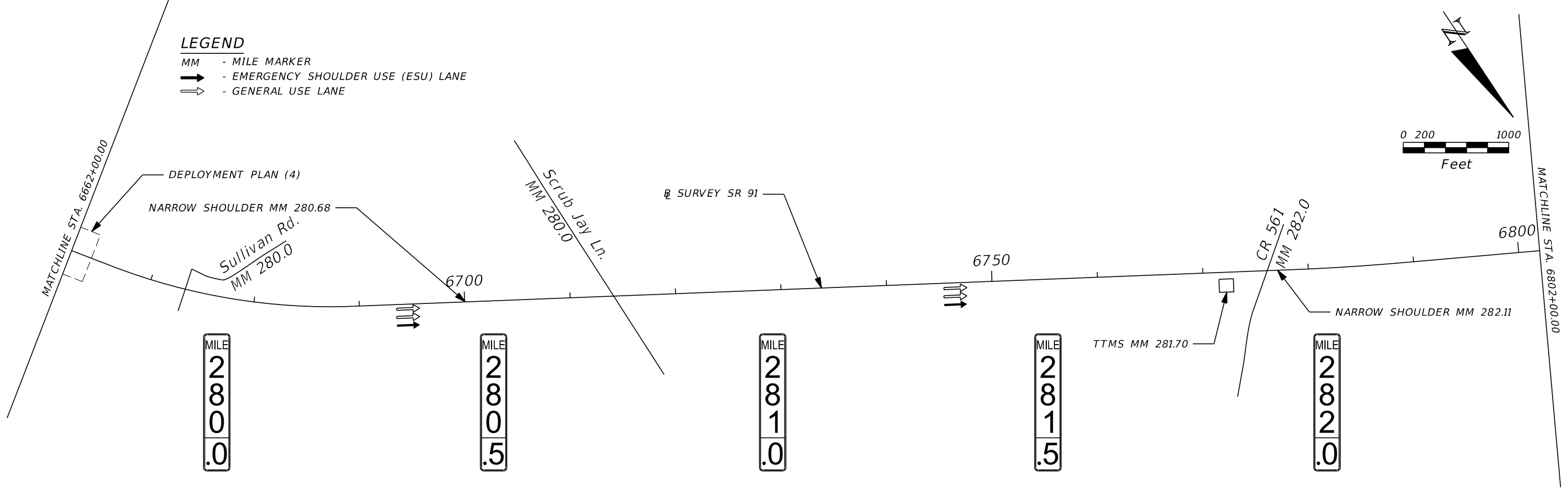
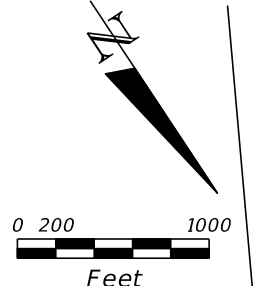
**LEGEND**

- MM - MILE MARKER
- ➔ - EMERGENCY SHOULDER USE (ESU) LANE
- ⇨ - GENERAL USE LANE



**LEGEND**

- MM - MILE MARKER
- ➔ - EMERGENCY SHOULDER USE (ESU) LANE
- ⇨ - GENERAL USE LANE



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JAMES J. VOMACKA, PE  
P.E. LICENSE NUMBER 60518  
PROPEL ENGINEERING, INC.  
2711 N VISTA PARKWAY, SUITE B7  
WEST PALM BEACH, FL 33411

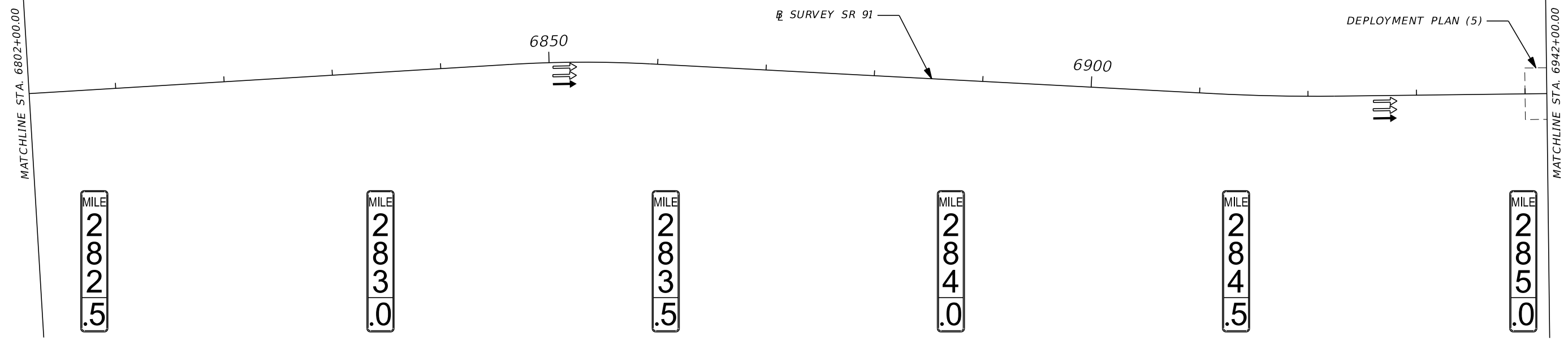
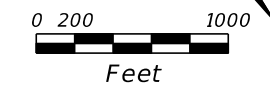
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 91	ORANGE LAKE SUMTER	437167-3-52-01

**PROJECT LAYOUT (2)**

SHEET  
NO.  
  
7

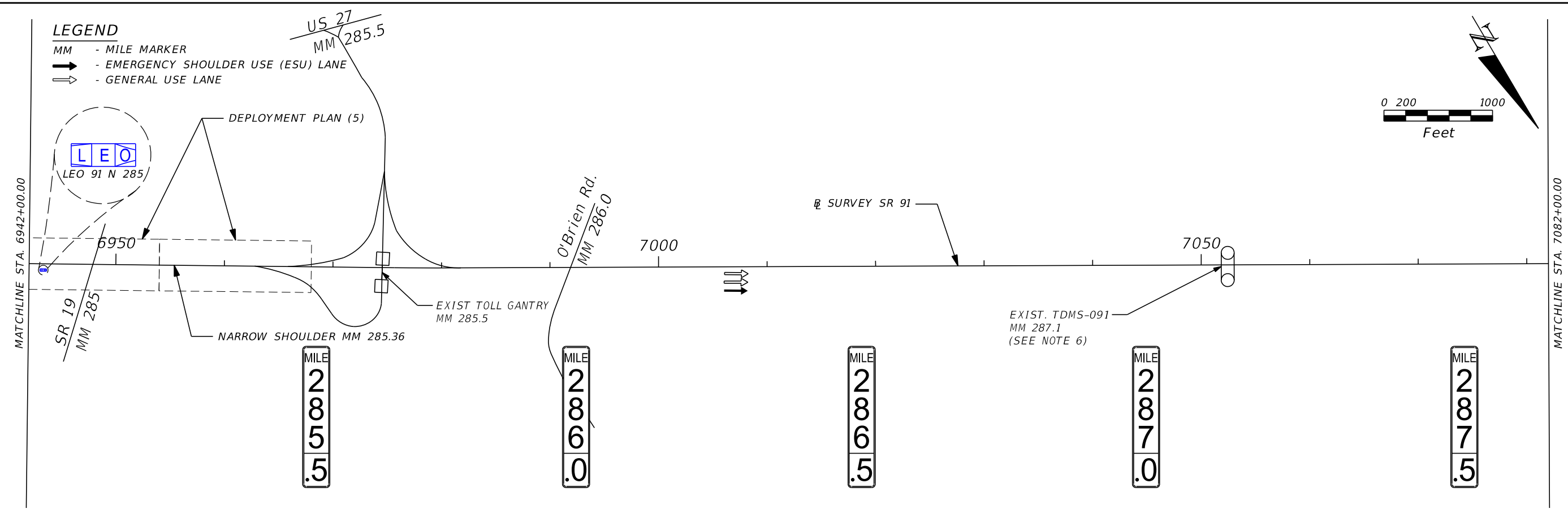
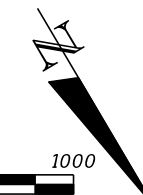
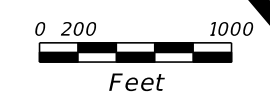
**LEGEND**

- MM - MILE MARKER
- - EMERGENCY SHOULDER USE (ESU) LANE
- ⇨ - GENERAL USE LANE



**LEGEND**

- MM - MILE MARKER
- - EMERGENCY SHOULDER USE (ESU) LANE
- ⇨ - GENERAL USE LANE



**REVISIONS**

DATE	DESCRIPTION	DATE	DESCRIPTION

JAMES J. VOMACKA, PE  
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STATE OF FLORIDA  
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 91	ORANGE LAKE SUMTER	437167-3-52-01

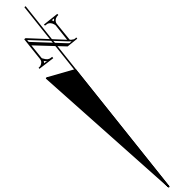
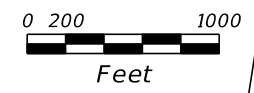
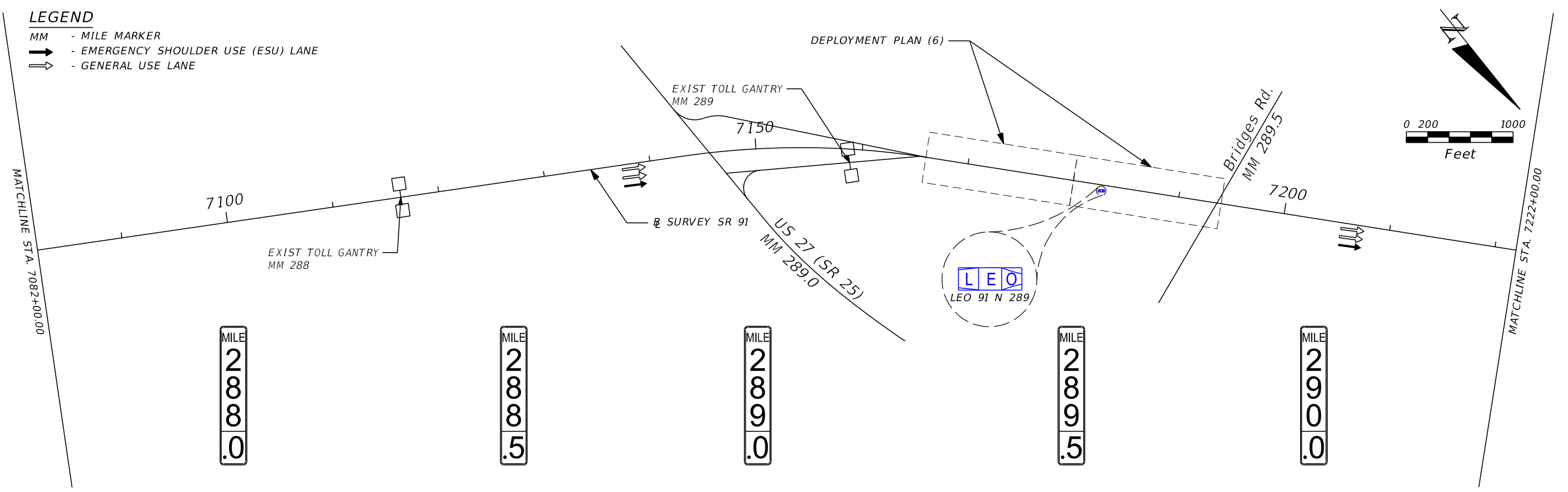
**PROJECT LAYOUT (3)**

SHEET NO.  
8



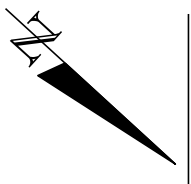
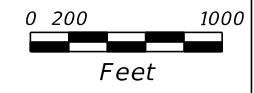
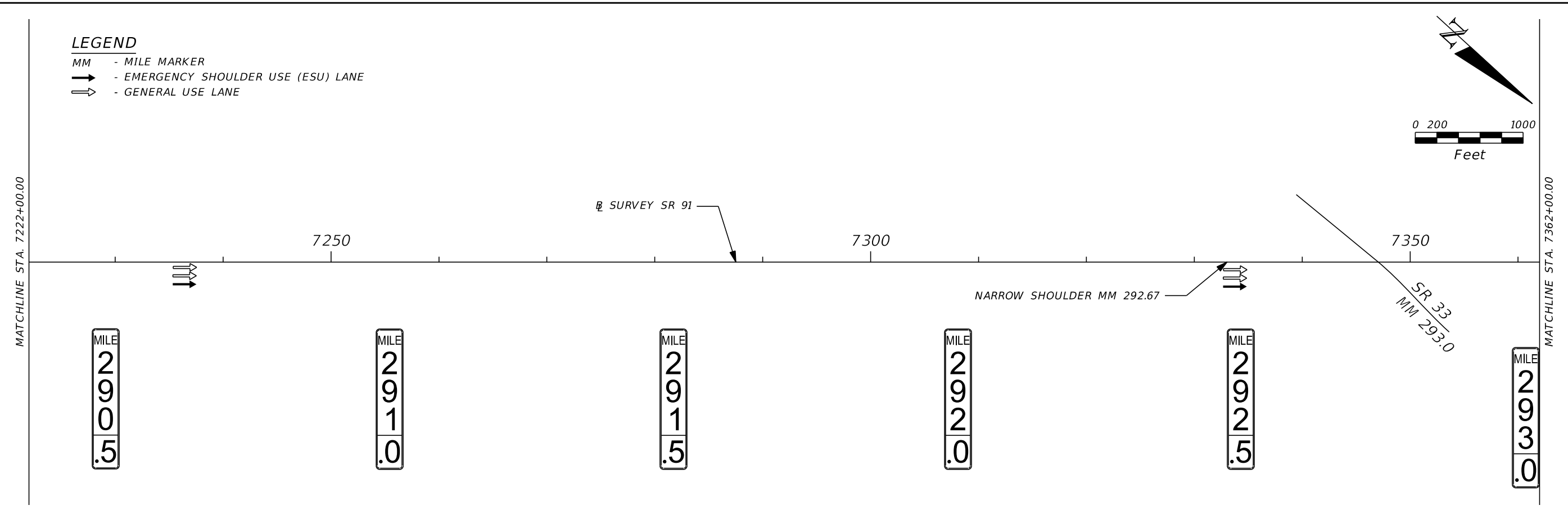
**LEGEND**

- MM - MILE MARKER
- ➡ - EMERGENCY SHOULDER USE (ESU) LANE
- ⇨ - GENERAL USE LANE



**LEGEND**

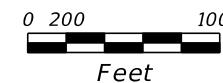
- MM - MILE MARKER
- ➡ - EMERGENCY SHOULDER USE (ESU) LANE
- ⇨ - GENERAL USE LANE



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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		9
					SR 91	ORANGE LAKE SUMTER	437167-3-52-01		

**LEGEND**

- MM - MILE MARKER
- - EMERGENCY SHOULDER USE (ESU) LANE
- ⇨ - GENERAL USE LANE



Feet

MATCHLINE STA. 7362+00.00

☒ SURVEY SR 91

7400

NARROW SHOULDER MM 294.20

Leesburg Hwy. (SR 19/SR 48)  
MM 294.0

7450

DEPLOYMENT PLAN (7)

7500

MATCHLINE STA. 7502+00.00

MILE  
293.5

MILE  
294.0

MILE  
294.5

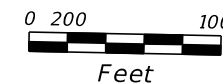
MILE  
295.0

MILE  
295.5

LEO  
LEO 91 N 295

**LEGEND**

- MM - MILE MARKER
- - EMERGENCY SHOULDER USE (ESU) LANE
- ⇨ - GENERAL USE LANE



Feet

MATCHLINE STA. 7502+00.00

DEPLOYMENT PLAN (7)  
DEPLOYMENT PLAN (8)

EXIST TOLL GANTRY  
MM 296.5

DEPLOYMENT PLAN (9)

☒ SURVEY SR 91

7550

7600

SUMTER COUNTY  
LAKE COUNTY

MATCHLINE STA. 7642+00.00

CR 470  
MM 296.5

MILE  
296.0

MILE  
296.5

MILE  
297.0

MILE  
297.5

MILE  
298.0

MILE  
298.5

LEO  
LEO 91 N 297

REVISIONS				JAMES J. VOMACKA, PE P.E. LICENSE NUMBER 60518 PROPEL ENGINEERING, INC. 2711 N VISTA PARKWAY, SUITE B7 WEST PALM BEACH, FL 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT LAYOUT (5)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		10
					SR 91	ORANGE LAKE SUMTER	437167-3-52-01		

**LEGEND**

- MM - MILE MARKER
- - EMERGENCY SHOULDER USE (ESU) LANE
- ⇨ - GENERAL USE LANE

MATCHLINE STA. 7642+00.00

7650



DEPLOYMENT PLAN (10)

7700

DEPLOYMENT PLAN (11)

☒ SURVEY SR 91

7750



OKAHUMPKA SERVICE PLAZA  
MM 300



MATCHLINE STA. 7782+00.00

MILE  
2  
9  
9  
.0

MILE  
2  
9  
9  
.5



MILE  
3  
0  
0  
.0

MILE  
3  
0  
0  
.5

MILE  
3  
0  
1  
.0

**LEGEND**

- MM - MILE MARKER
- - EMERGENCY SHOULDER USE (ESU) LANE
- ⇨ - GENERAL USE LANE

MATCHLINE STA. 7782+00.00

TTMS MM 301.60



CR 468  
MM 301.5

7800

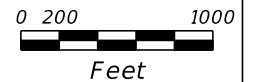
NARROW SHOULDER MM 301.62

☒ SURVEY SR 91

7850



7900



MATCHLINE STA. 7922+00.00

MILE  
3  
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1  
.5

MILE  
3  
0  
2  
.0

MILE  
3  
0  
2  
.5

MILE  
3  
0  
3  
.0

MILE  
3  
0  
3  
.5

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

JAMES J. VOMACKA, PE  
P.E. LICENSE NUMBER 60518  
PROPEL ENGINEERING, INC.  
2711 N VISTA PARKWAY, SUITE B7  
WEST PALM BEACH, FL 33411

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 91	ORANGE LAKE SUMTER	437167-3-52-01

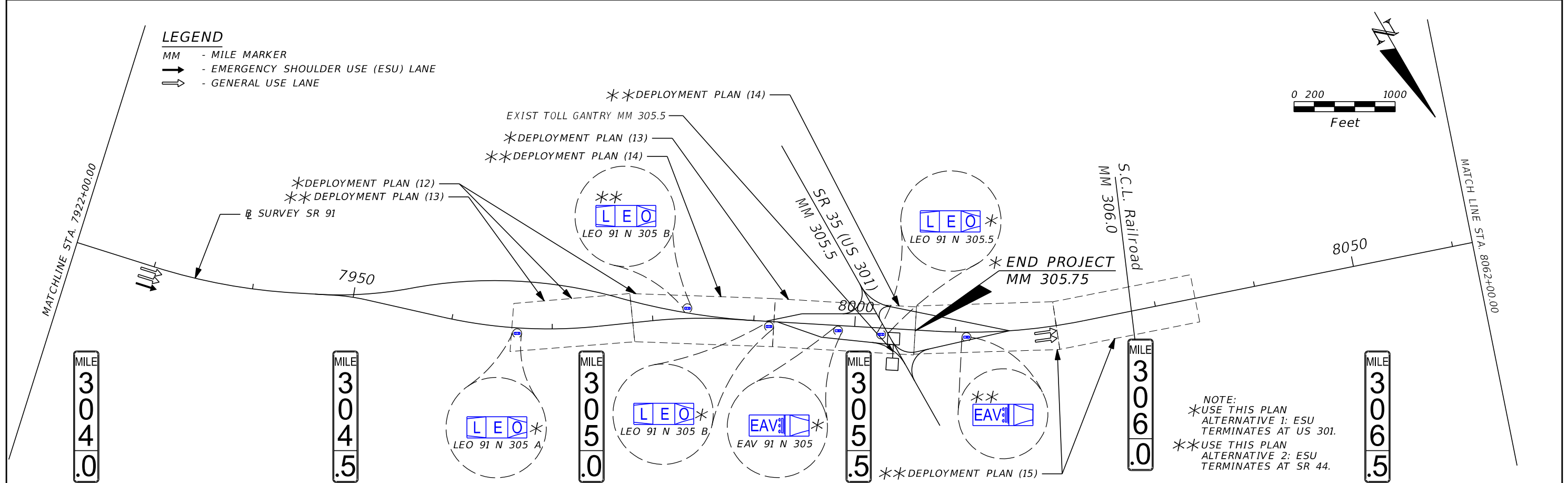
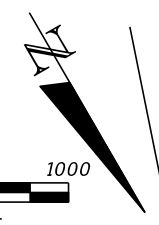
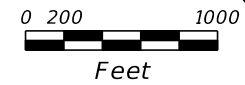
PROJECT LAYOUT (6)

SHEET NO.

11

**LEGEND**

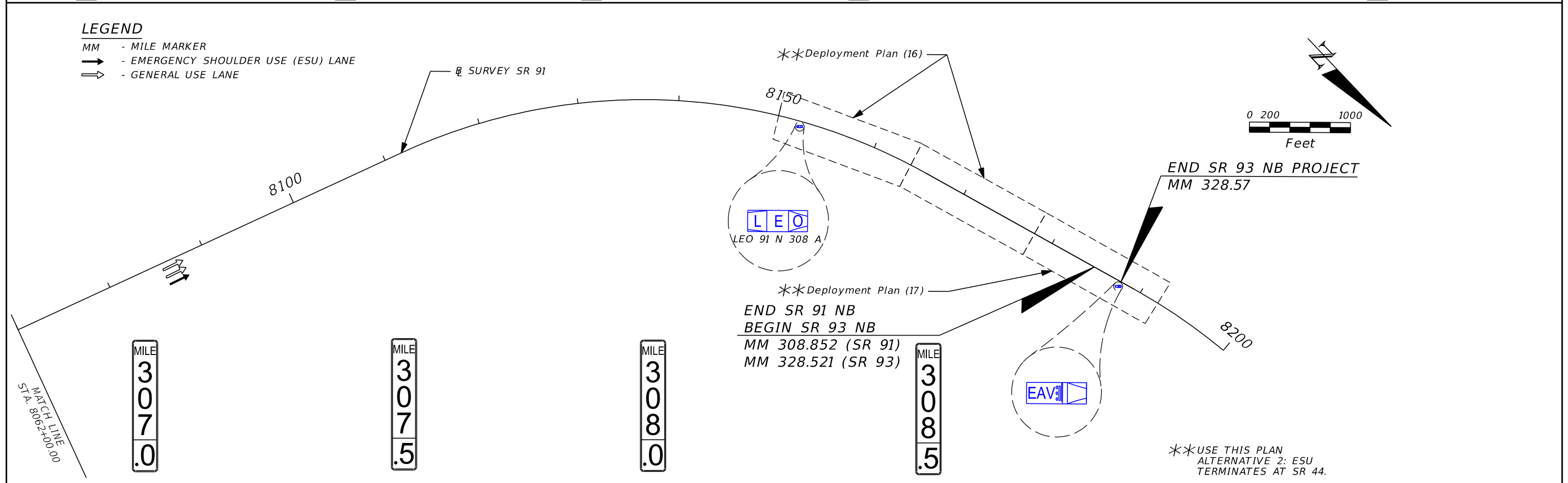
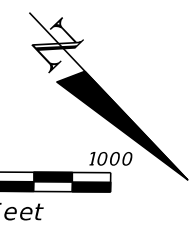
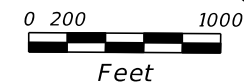
- MM - MILE MARKER
- - EMERGENCY SHOULDER USE (ESU) LANE
- ⇨ - GENERAL USE LANE



NOTE:  
 \*USE THIS PLAN  
 ALTERNATIVE 1: ESU  
 TERMINATES AT US 301.  
 \*\*USE THIS PLAN  
 ALTERNATIVE 2: ESU  
 TERMINATES AT SR 44.

**LEGEND**

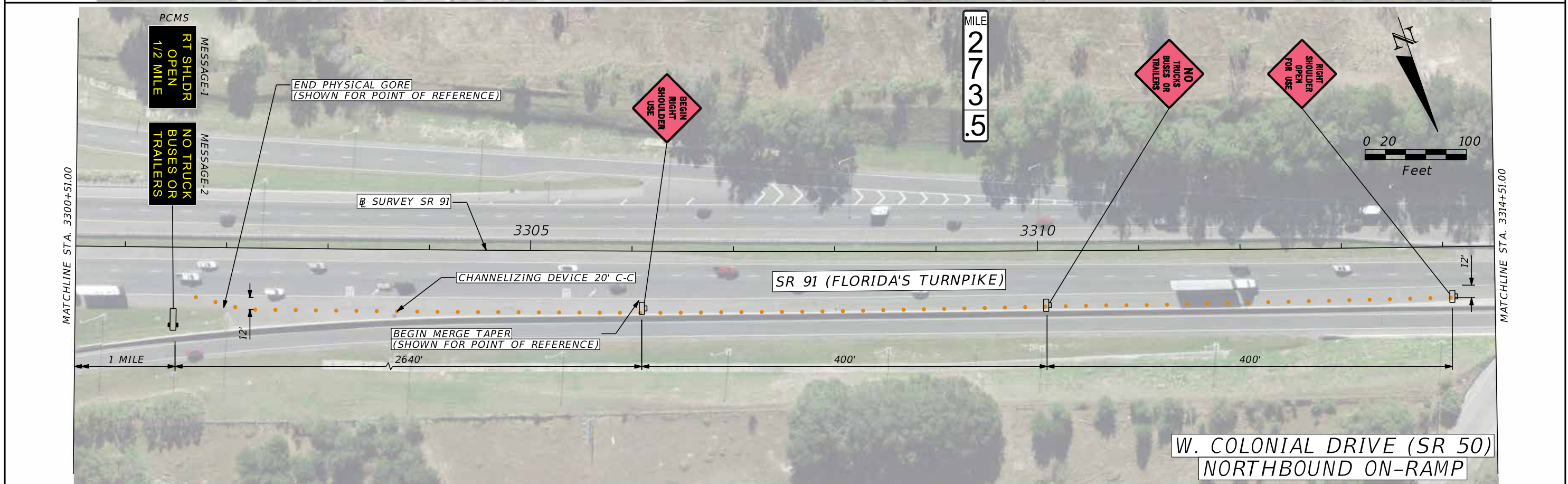
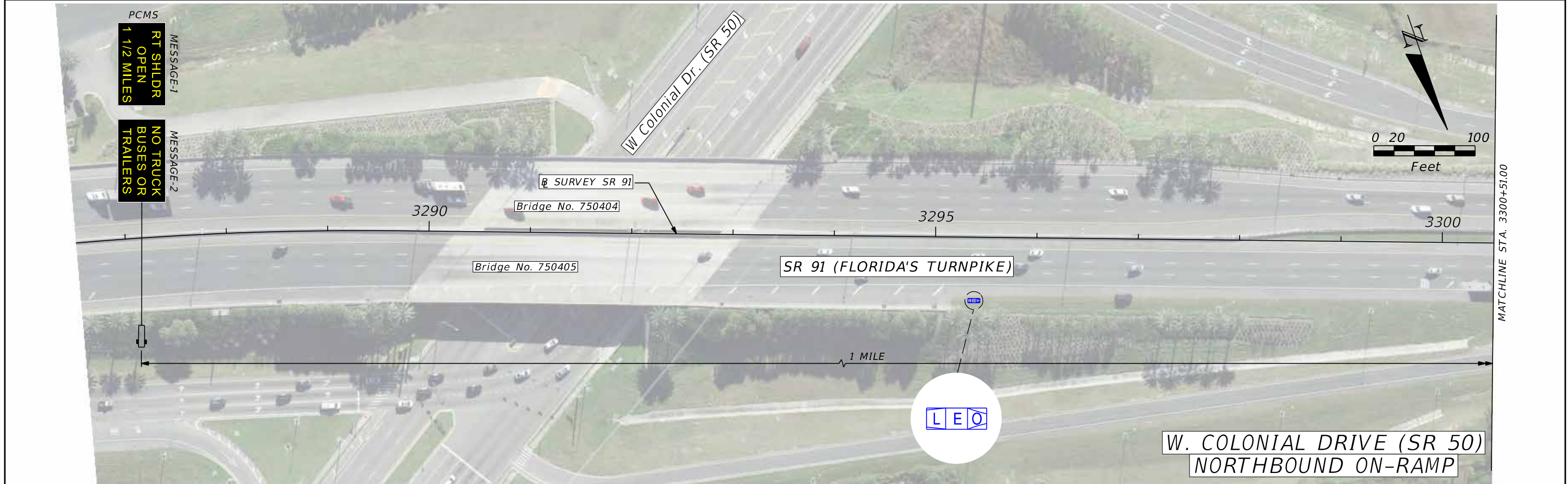
- MM - MILE MARKER
- - EMERGENCY SHOULDER USE (ESU) LANE
- ⇨ - GENERAL USE LANE



\*\*USE THIS PLAN  
 ALTERNATIVE 2: ESU  
 TERMINATES AT SR 44.

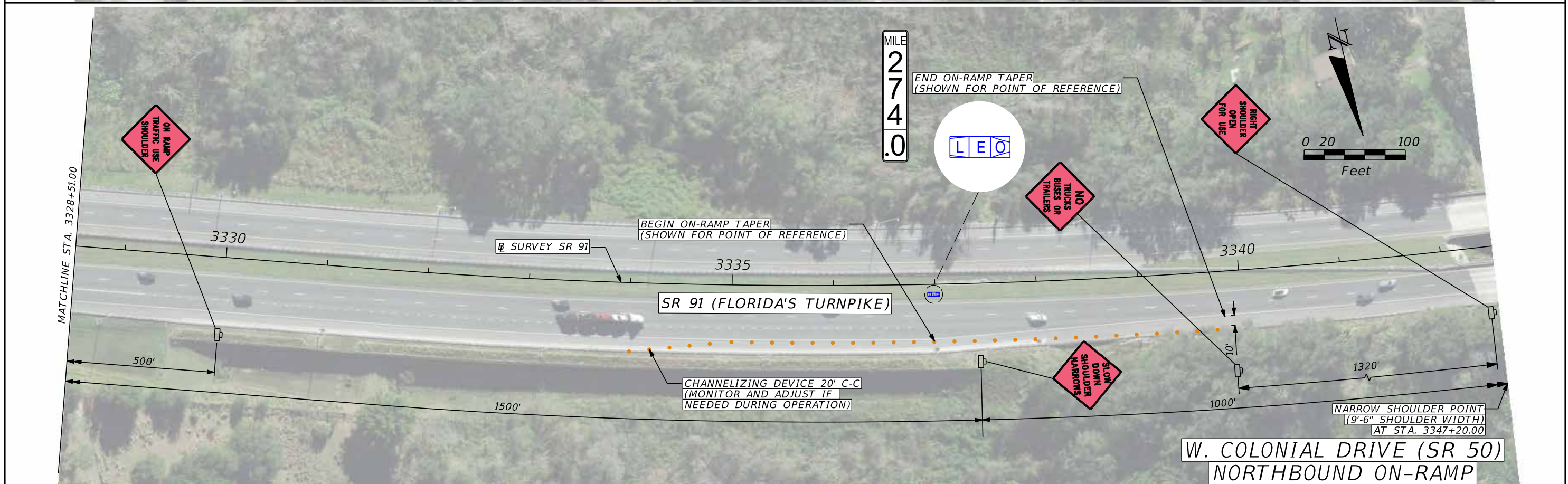
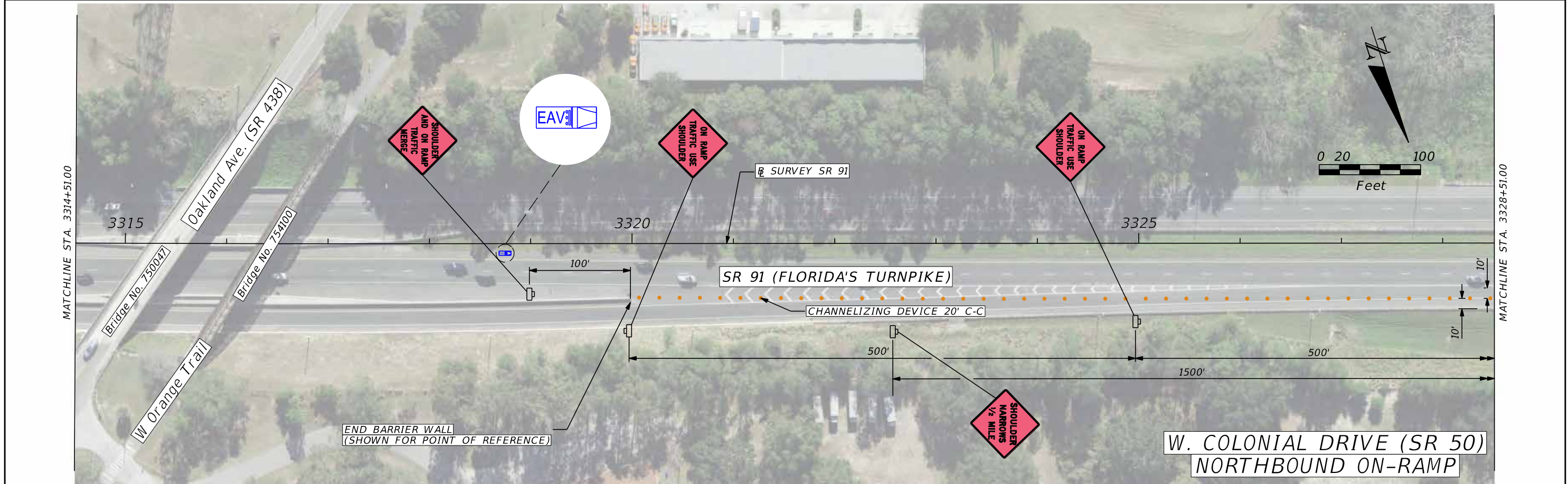
REVISIONS				JAMES J. VOMACKA, PE P.E. LICENSE NUMBER 60518 PROPEL ENGINEERING, INC. 2711 N VISTA PARKWAY, SUITE B7 WEST PALM BEACH, FL 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.  PROJECT LAYOUT (7)  12
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 91	ORANGE LAKE SUMTER	437167-3-52-01	





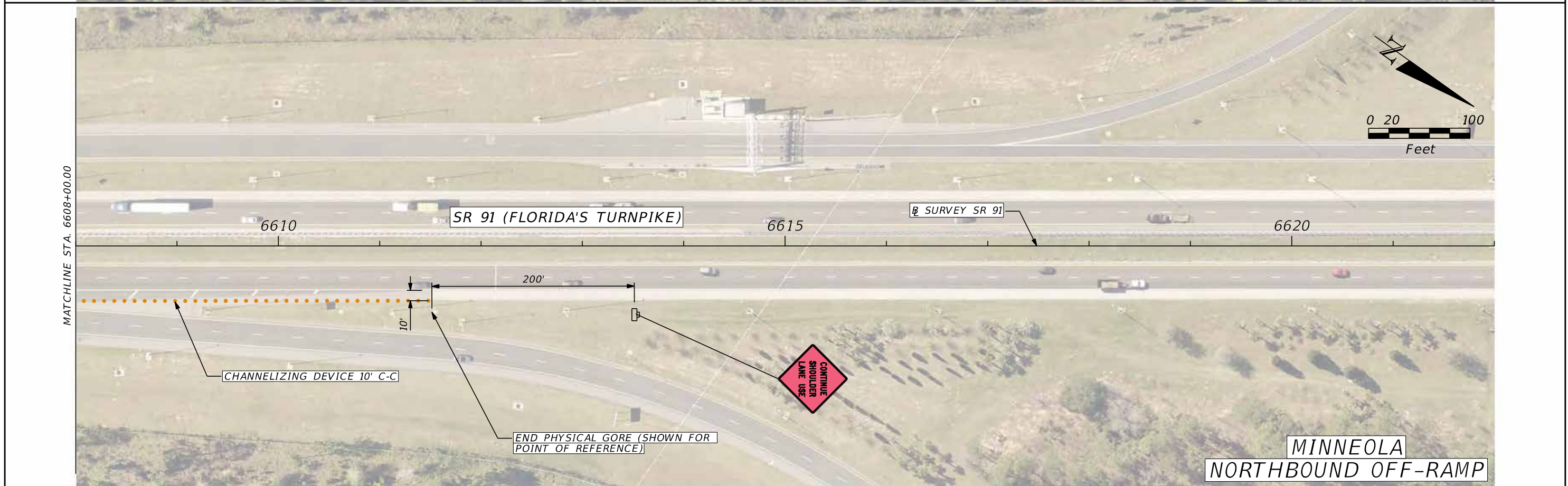
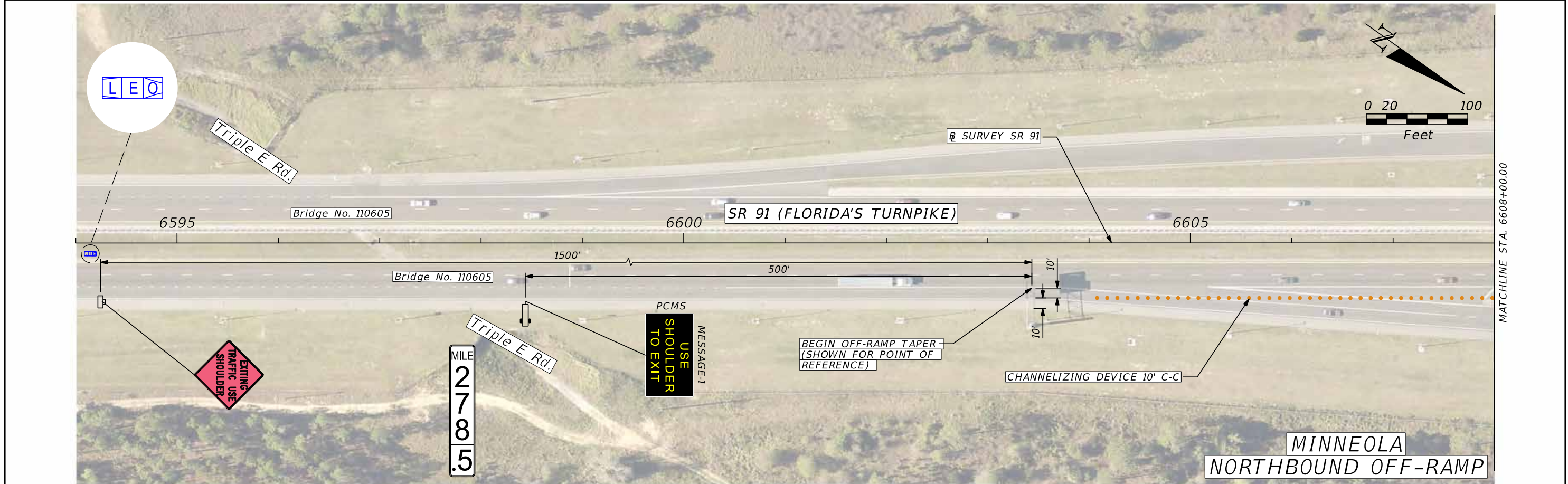
REVISIONS				JAMES J. VOMACKA, PE P.E. LICENSE NUMBER 60518 PROPEL ENGINEERING, INC. 2711 N VISTA PARKWAY, SUITE B7 WEST PALM BEACH, FL 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>DEPLOYMENT          PLAN (1)</b>	SHEET NO.  13
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 91	ORANGE LAKE SUMTER	437167-3-52-01			





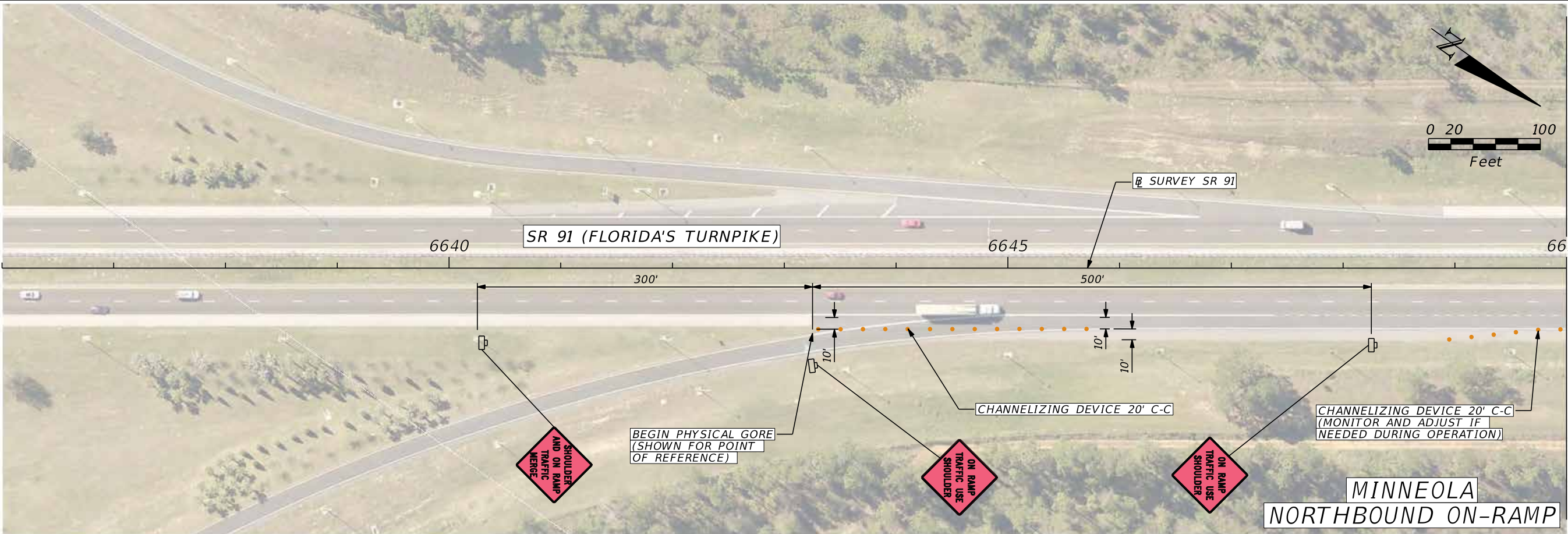
REVISIONS				JAMES J. VOMACKA, PE P.E. LICENSE NUMBER 60518 PROPEL ENGINEERING, INC. 2711 N VISTA PARKWAY, SUITE B7 WEST PALM BEACH, FL 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>DEPLOYMENT          PLAN (2)</b>	SHEET NO.  14
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 91	ORANGE LAKE SUMTER	437167-3-52-01			



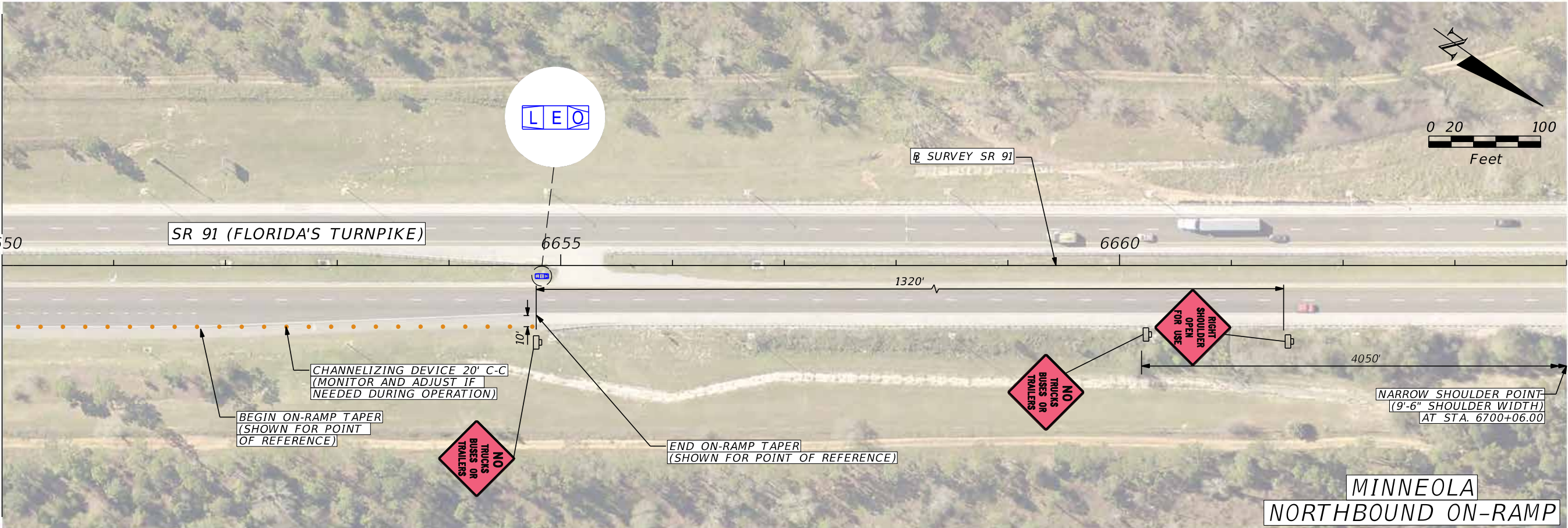


REVISIONS				JAMES J. VOMACKA, PE P.E. LICENSE NUMBER 60518 PROPEL ENGINEERING, INC. 2711 N VISTA PARKWAY, SUITE B7 WEST PALM BEACH, FL 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>DEPLOYMENT          PLAN (3)</b>	SHEET NO.  15
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 91	ORANGE LAKE SUMTER	437167-3-52-01			





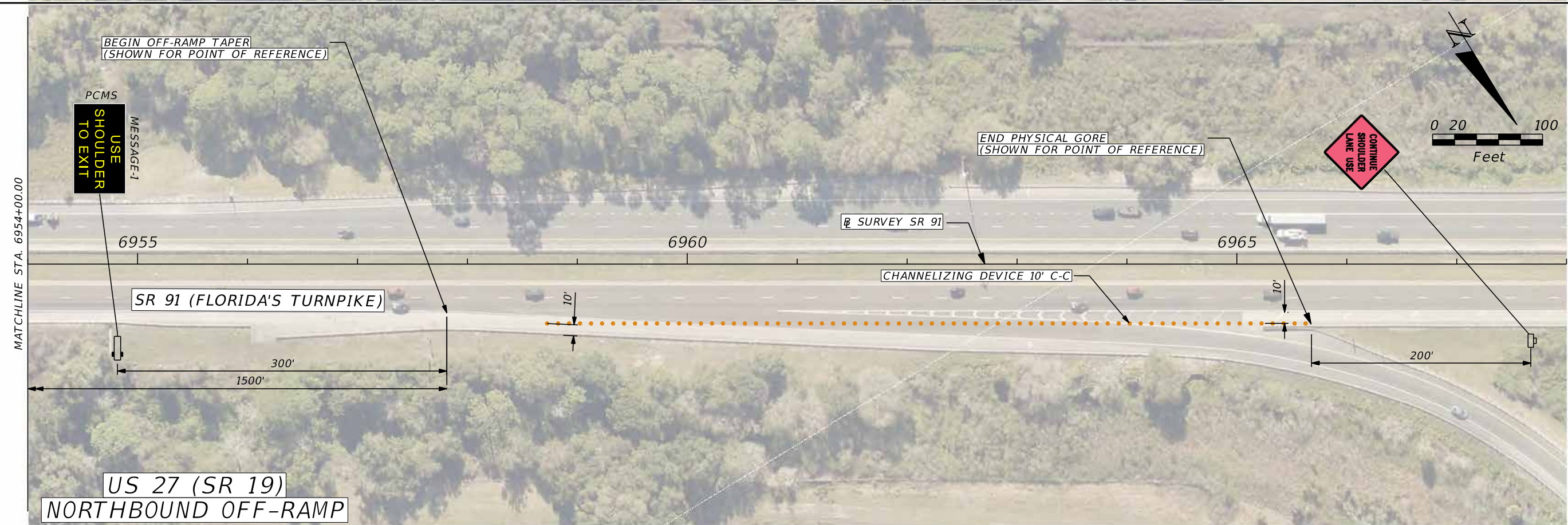
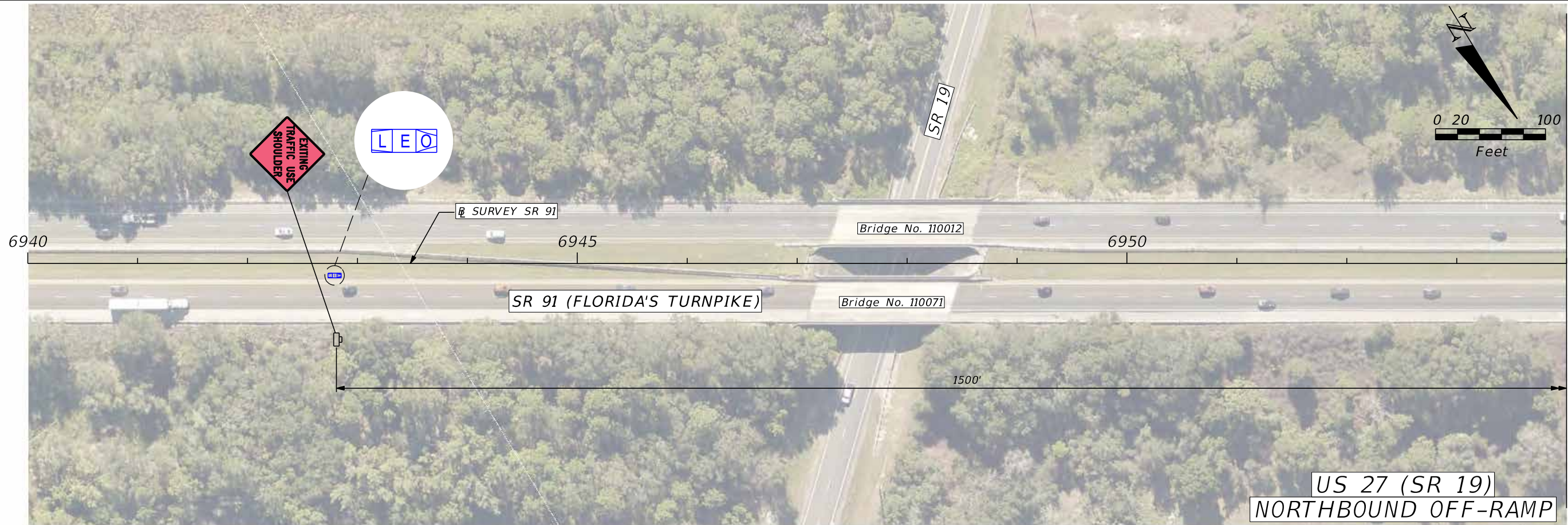
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MATCHLINE STA. 6650+00.00

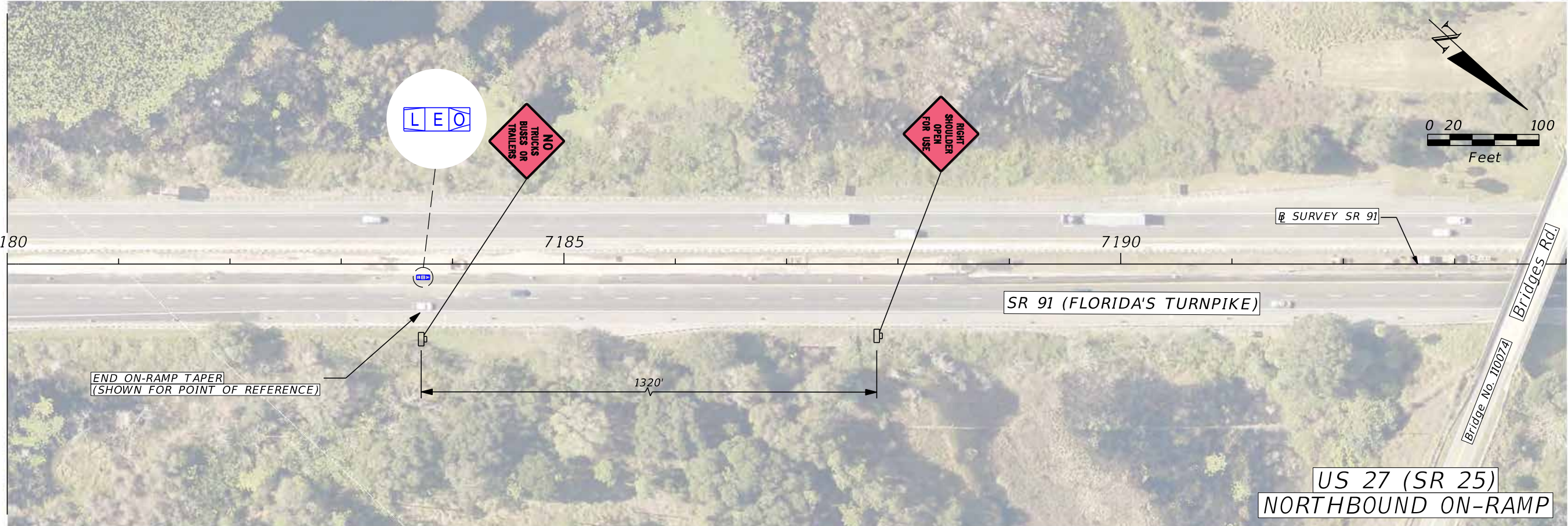
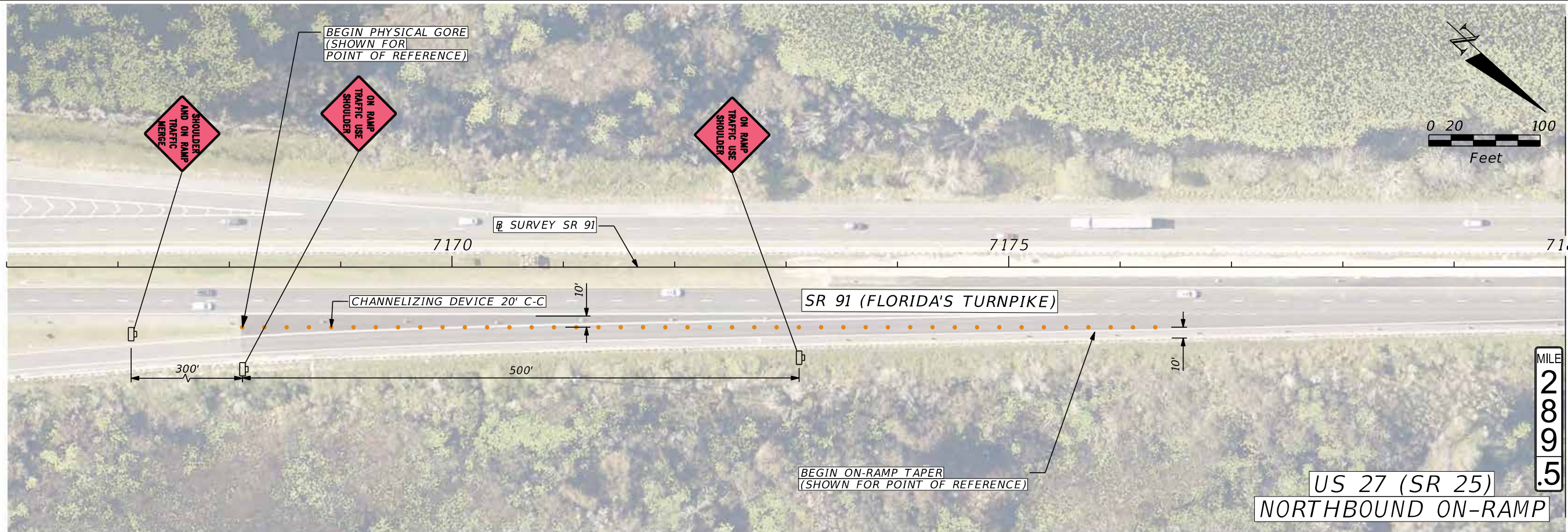
REVISIONS				JAMES J. VOMACKA, PE P.E. LICENSE NUMBER 60518 PROPEL ENGINEERING, INC. 2711 N VISTA PARKWAY, SUITE B7 WEST PALM BEACH, FL 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DEPLOYMENT PLAN (4)	SHEET NO. 16
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 91	ORANGE LAKE SUMTER	437167-3-52-01			





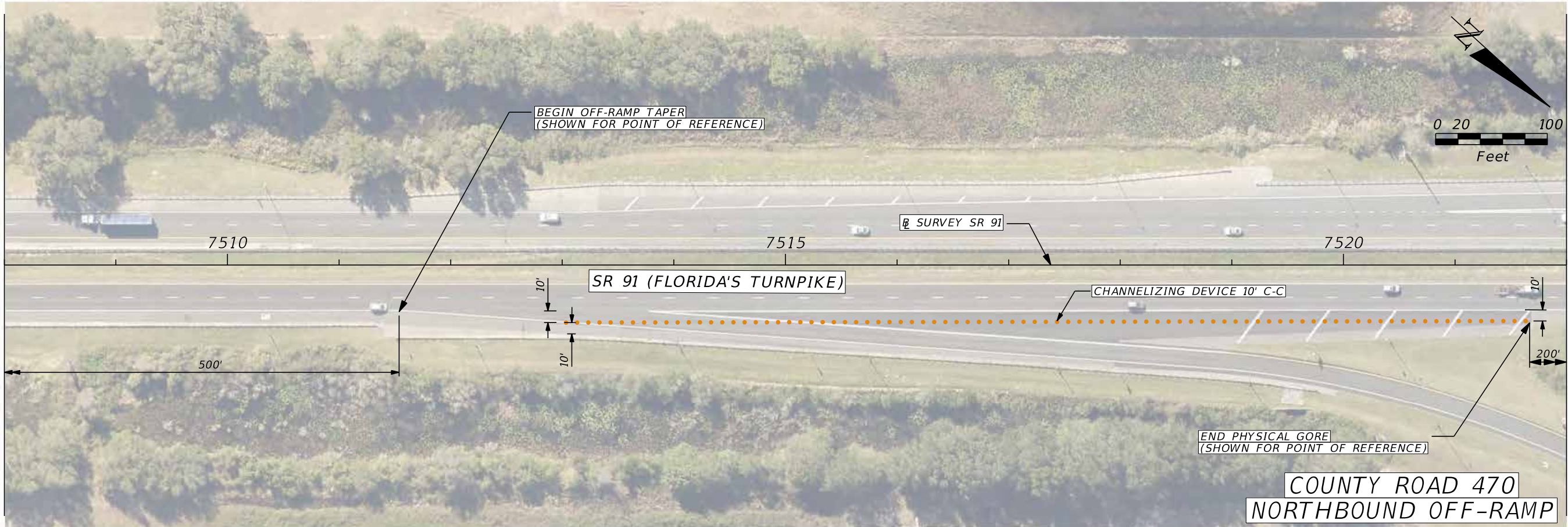
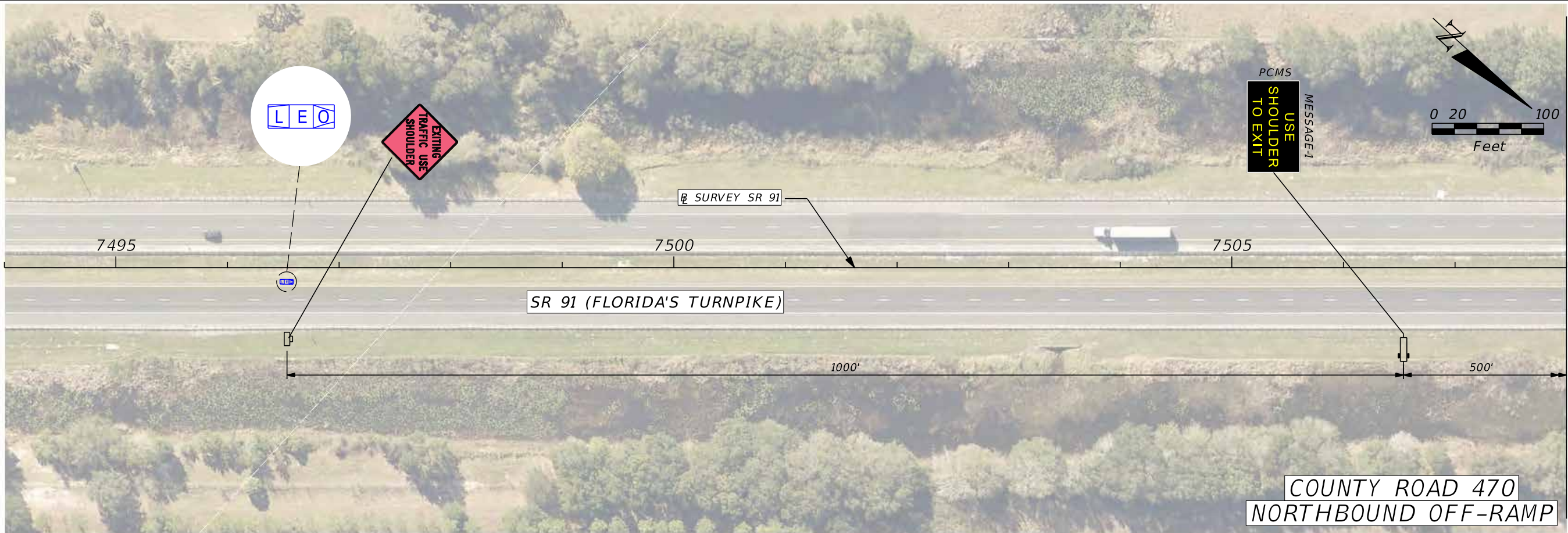
REVISIONS				JAMES J. VOMACKA, PE P.E. LICENSE NUMBER 60518 PROPEL ENGINEERING, INC. 2711 N VISTA PARKWAY, SUITE B7 WEST PALM BEACH, FL 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>DEPLOYMENT          PLAN (5)</b>	SHEET NO.  17
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 91	ORANGE LAKE SUMTER	437167-3-52-01		





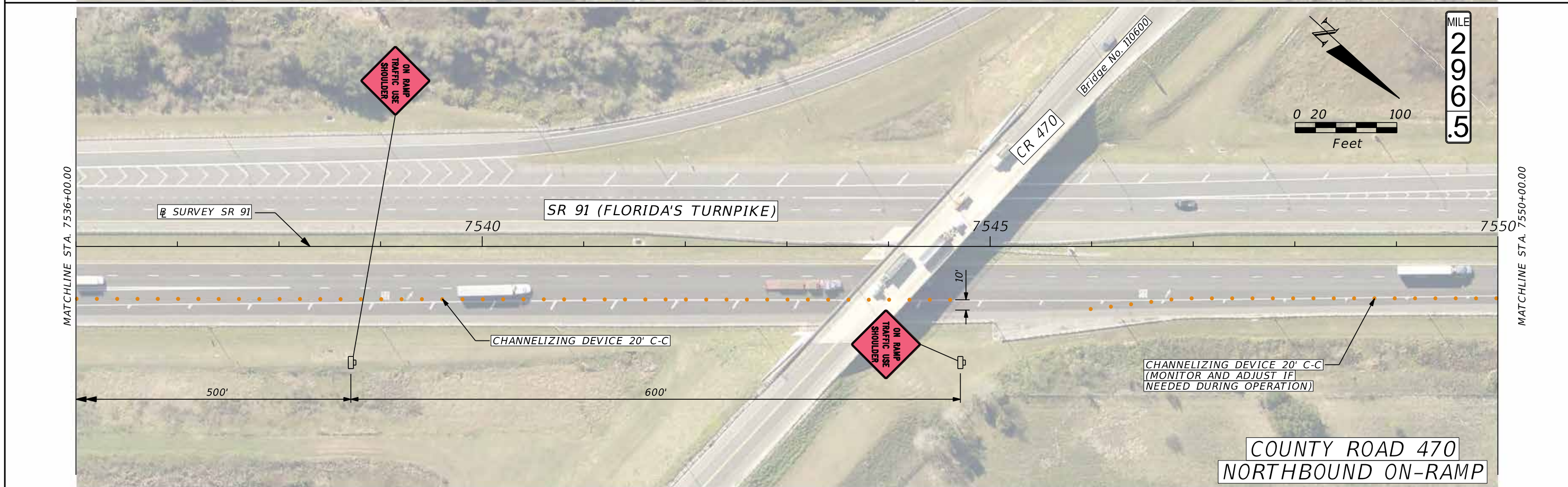
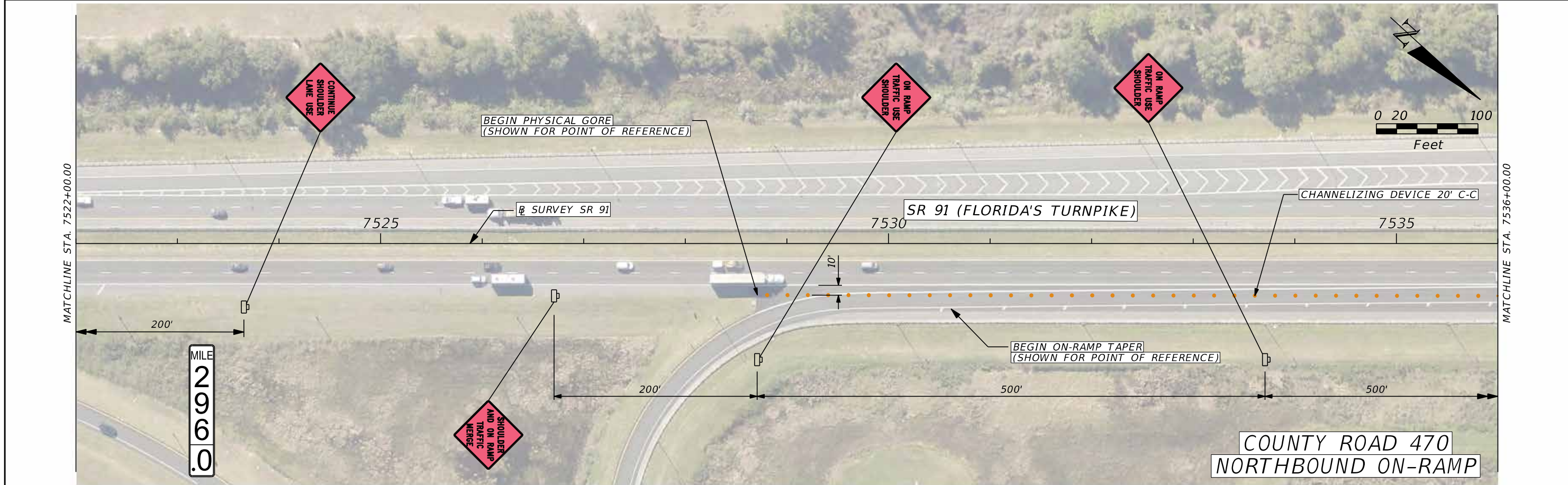
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 91	ORANGE LAKE SUMTER	437167-3-52-01			





REVISIONS				JAMES J. VOMACKA, PE P.E. LICENSE NUMBER 60518 PROPEL ENGINEERING, INC. 2711 N VISTA PARKWAY, SUITE B7 WEST PALM BEACH, FL 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>DEPLOYMENT          PLAN (7)</b>	SHEET NO.  19
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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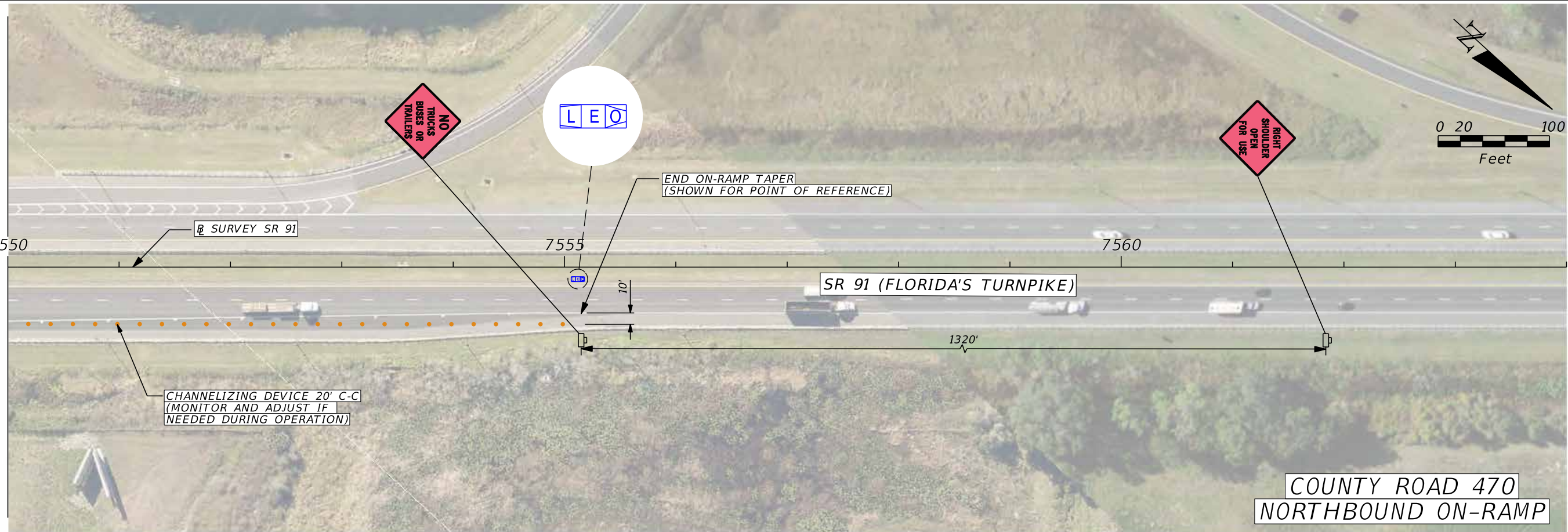




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				SR 91	ORANGE LAKE SUMTER	437167-3-52-01			



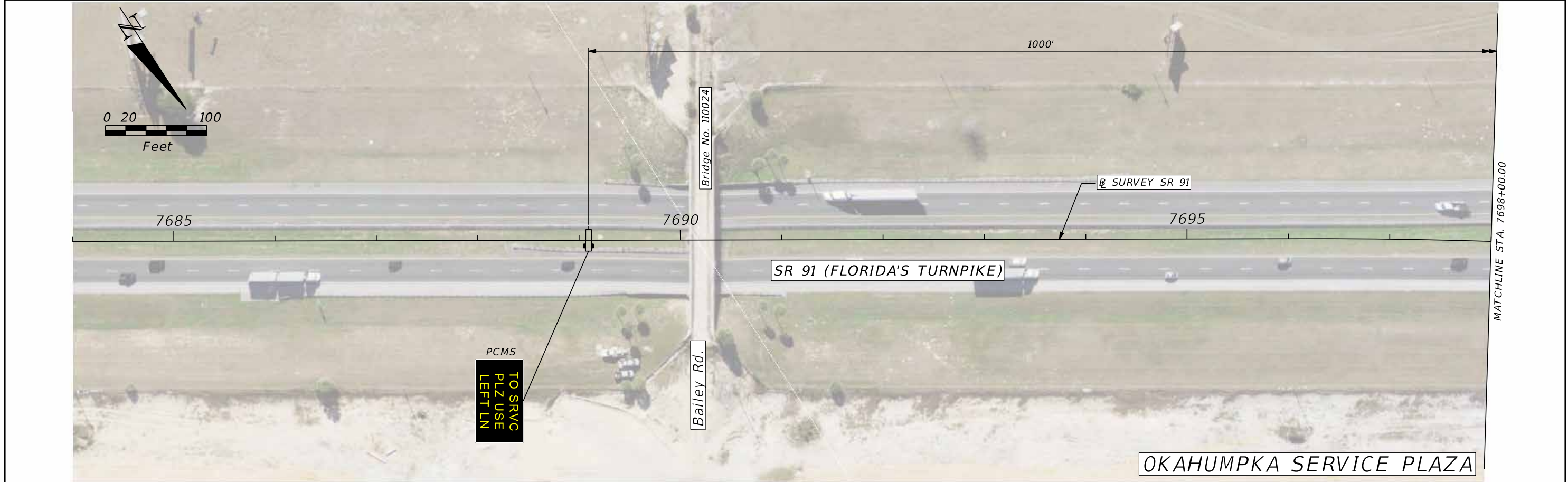
MATCHLINE STA. 7550+00.00



COUNTY ROAD 470  
NORTHBOUND ON-RAMP

REVISIONS				JAMES J. VOMACKA, PE P.E. LICENSE NUMBER 60518 PROPEL ENGINEERING, INC. 2711 N VISTA PARKWAY, SUITE B7 WEST PALM BEACH, FL 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DEPLOYMENT PLAN (9)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 91	ORANGE LAKE SUMTER		437167-3-52-01



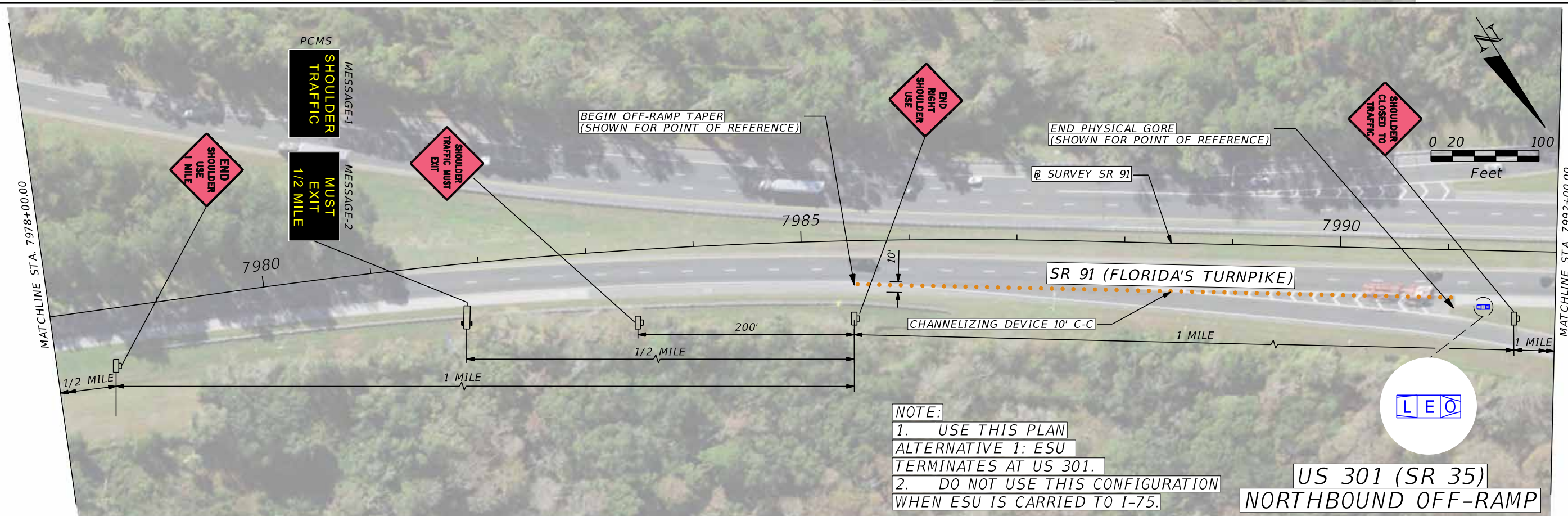
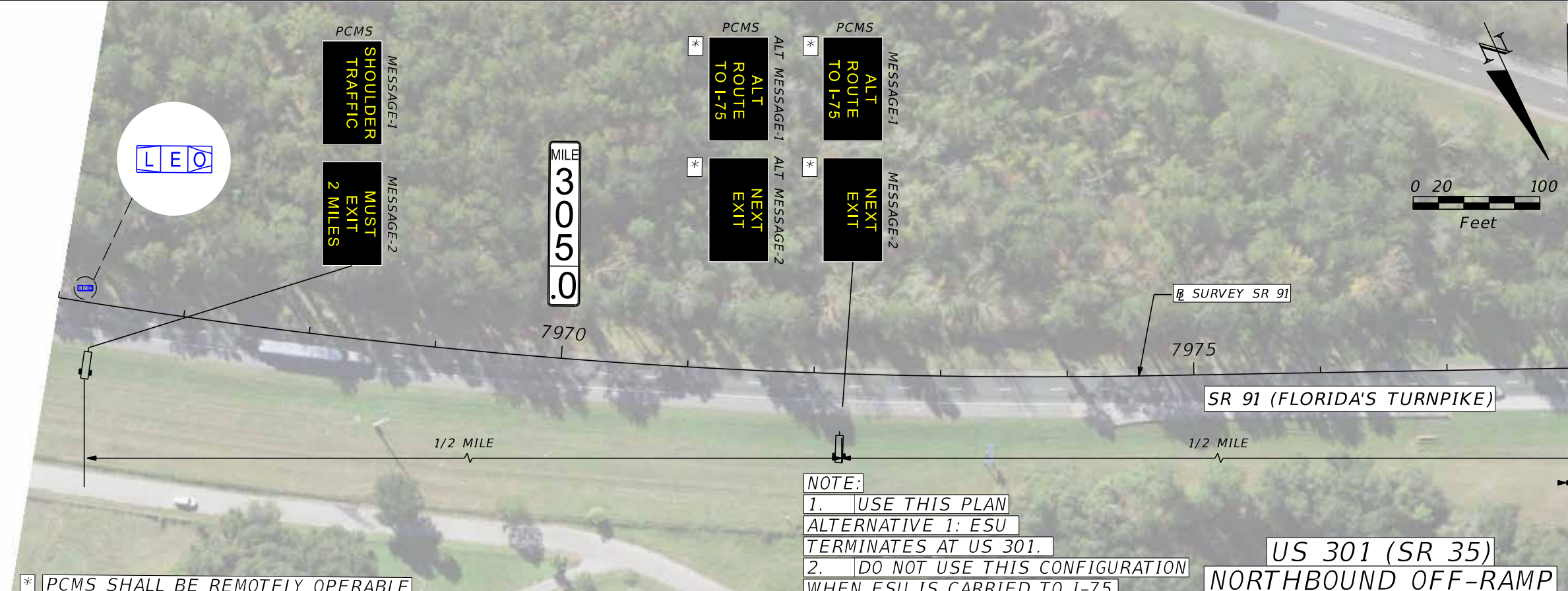


REVISIONS				JAMES J. VOMACKA, PE P.E. LICENSE NUMBER 60518 PROPEL ENGINEERING, INC. 2711 N VISTA PARKWAY, SUITE B7 WEST PALM BEACH, FL 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>DEPLOYMENT          PLAN (10)</b>	SHEET NO.  22
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 91	ORANGE LAKE SUMTER	437167-3-52-01			



REVISIONS				JAMES J. VOMACKA, PE P.E. LICENSE NUMBER 60518 PROPEL ENGINEERING, INC. 2711 N VISTA PARKWAY, SUITE B7 WEST PALM BEACH, FL 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>DEPLOYMENT</b> <b>PLAN (11)</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		23
					SR 91	ORANGE LAKE SUMTER	437167-3-52-01		



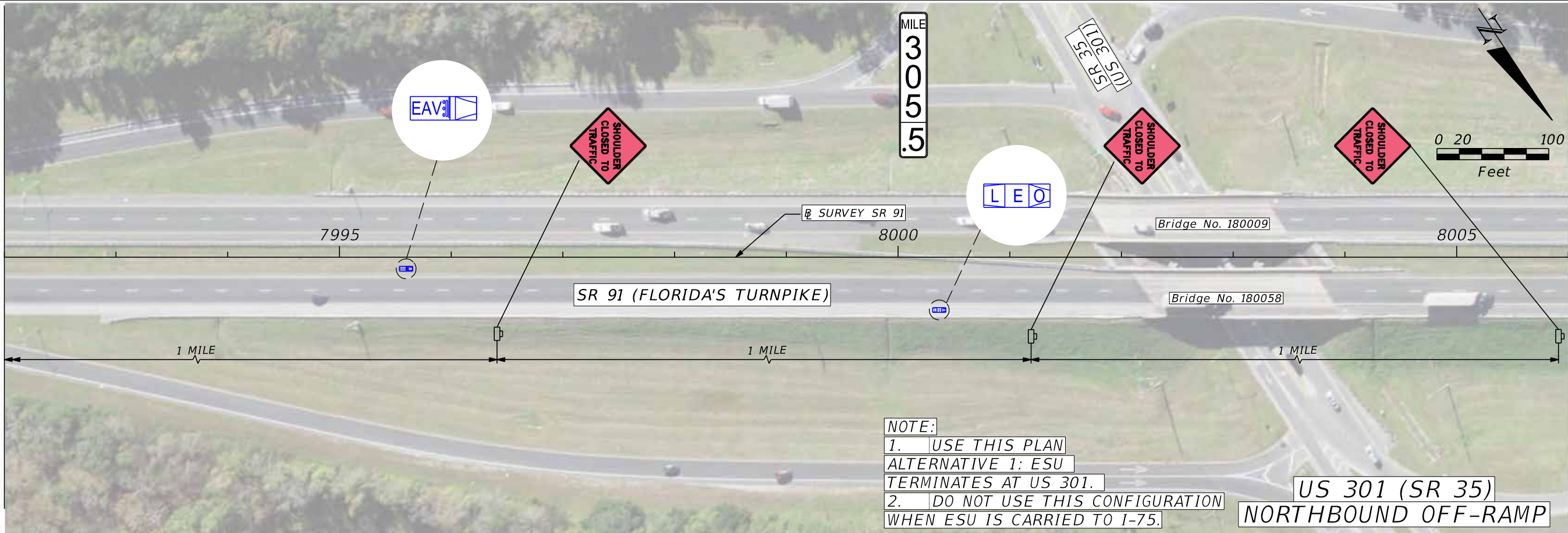


REVISIONS				JAMES J. VOMACKA, PE P.E. LICENSE NUMBER 60518 PROPEL ENGINEERING, INC. 2711 N VISTA PARKWAY, SUITE B7 WEST PALM BEACH, FL 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>DEPLOYMENT PLAN (12)</b>	SHEET NO.  24
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 91	ORANGE LAKE SUMTER	437167-3-52-01		

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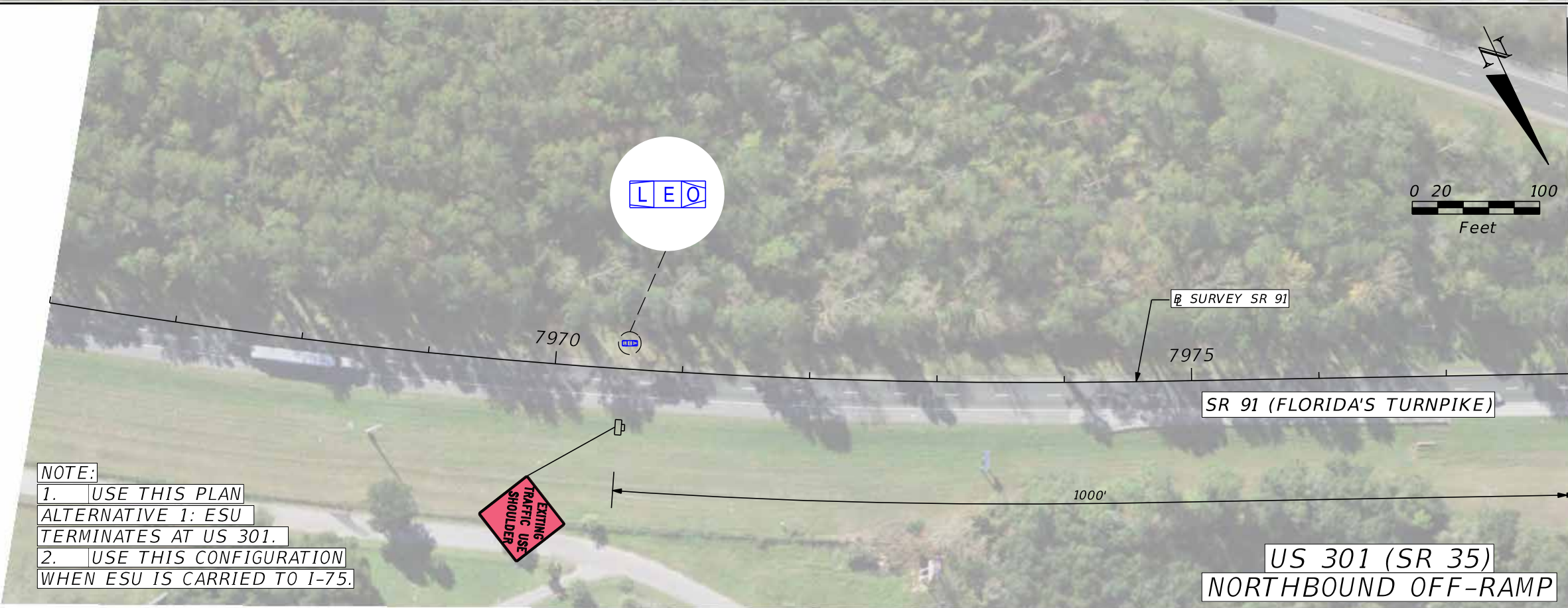


MATCHLINE STA. 7992+00.00



NOTE:  
 1. USE THIS PLAN ALTERNATIVE 1: ESU TERMINATES AT US 301.  
 2. DO NOT USE THIS CONFIGURATION WHEN ESU IS CARRIED TO I-75.

US 301 (SR 35)  
 NORTHBOUND OFF-RAMP

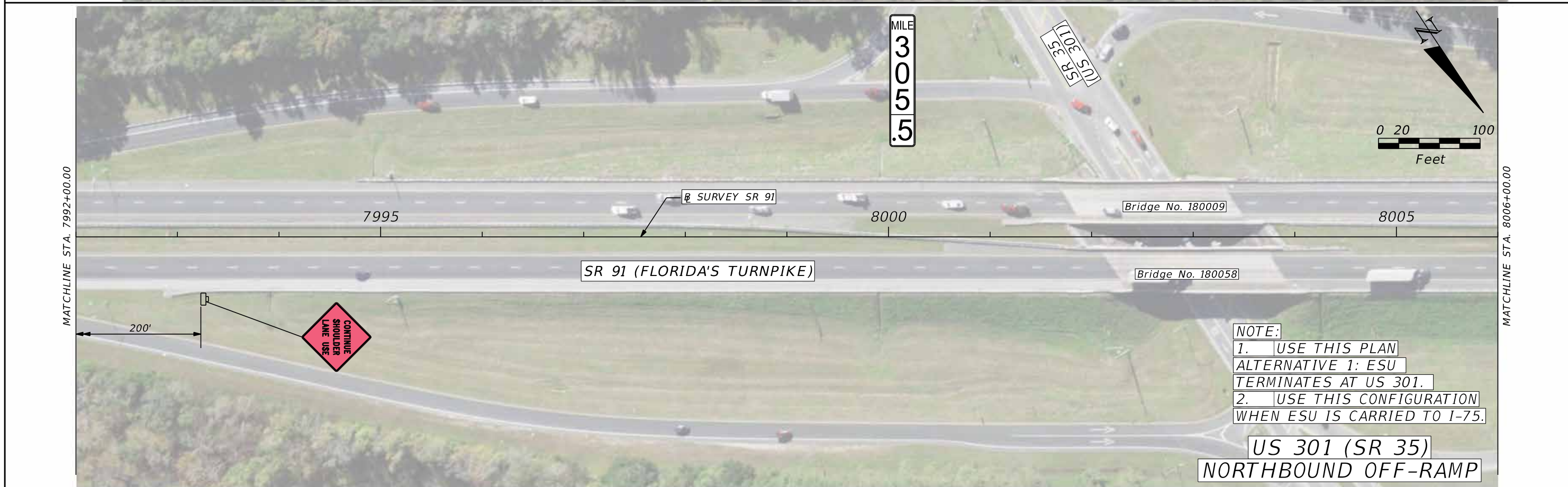
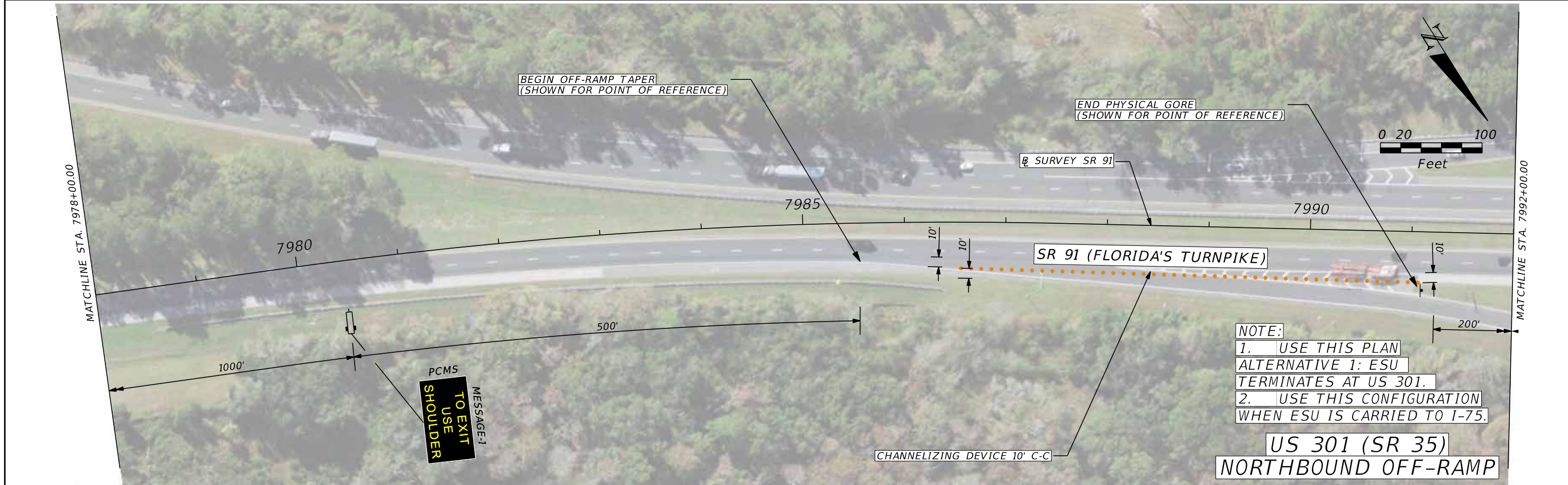


NOTE:  
 1. USE THIS PLAN ALTERNATIVE 1: ESU TERMINATES AT US 301.  
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MATCHLINE STA. 7978+00.00

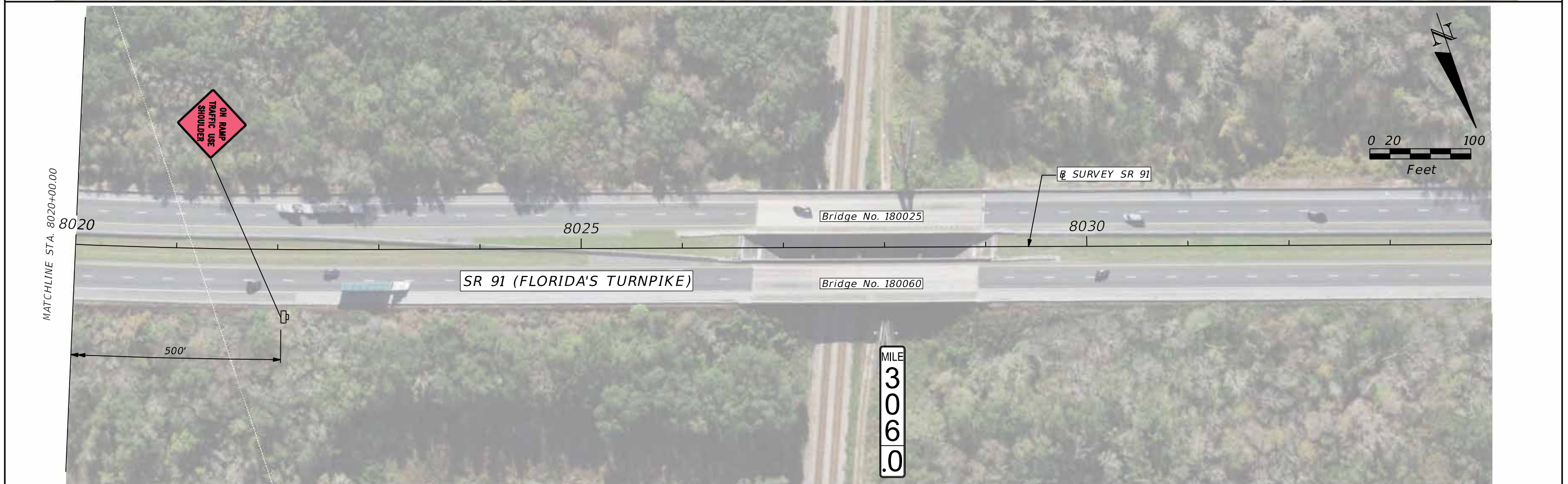
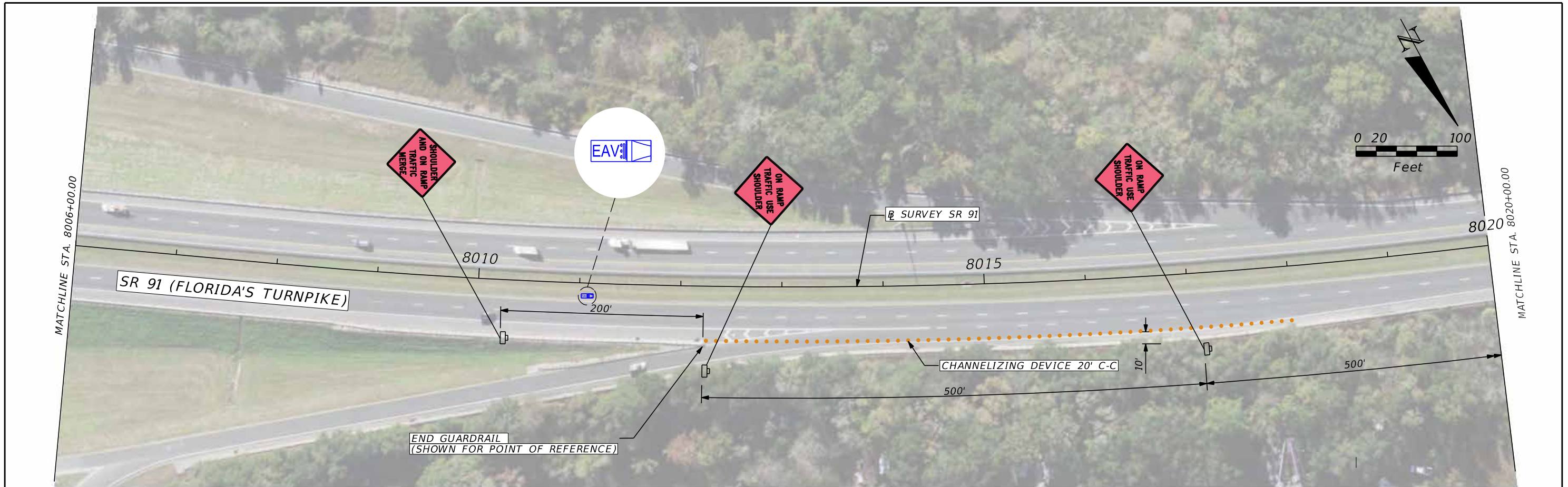
REVISIONS				JAMES J. VOMACKA, PE P.E. LICENSE NUMBER 60518 PROPEL ENGINEERING, INC. 2711 N VISTA PARKWAY, SUITE B7 WEST PALM BEACH, FL 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DEPLOYMENT PLAN (13)	SHEET NO.  25
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 91	ORANGE LAKE SUMTER	437167-3-52-01		





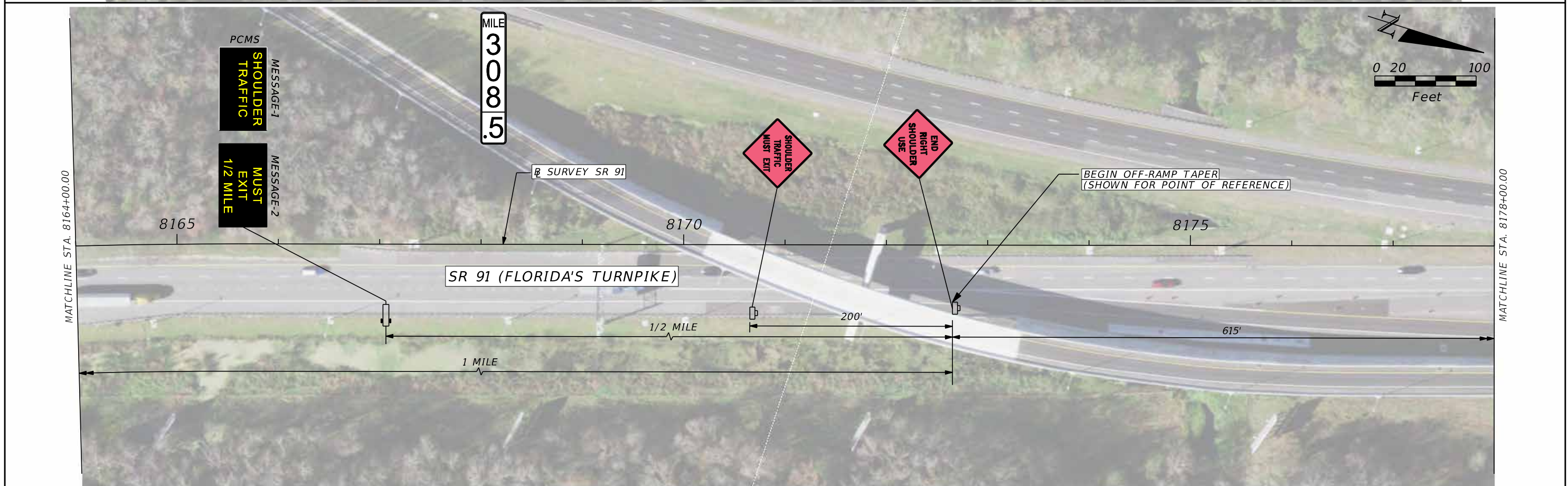
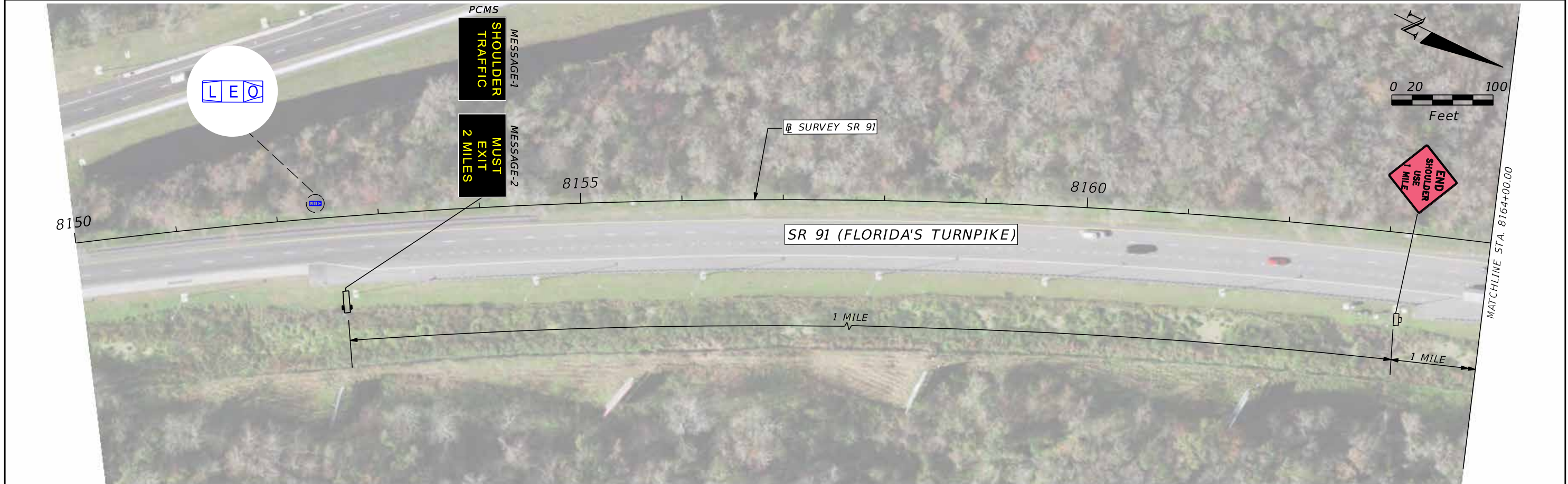
REVISIONS				JAMES J. VOMACKA, PE P.E. LICENSE NUMBER 60518 PROPEL ENGINEERING, INC. 2711 N VISTA PARKWAY, SUITE B7 WEST PALM BEACH, FL 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>DEPLOYMENT          PLAN (14)</b>	SHEET NO.  26
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 91	ORANGE LAKE SUMTER	437167-3-52-01		





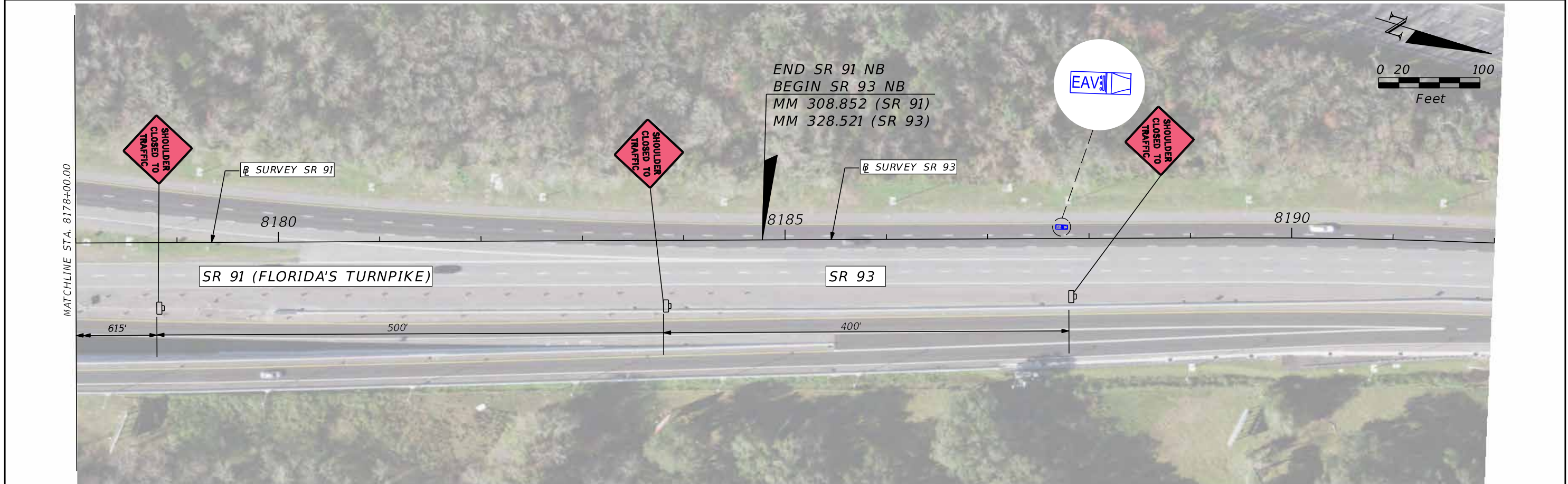
REVISIONS				JAMES J. VOMACKA, PE P.E. LICENSE NUMBER 60518 PROPEL ENGINEERING, INC. 2711 N VISTA PARKWAY, SUITE B7 WEST PALM BEACH, FL 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>DEPLOYMENT          PLAN (15)</b>	SHEET NO.  27
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 91	ORANGE LAKE SUMTER	437167-3-52-01		



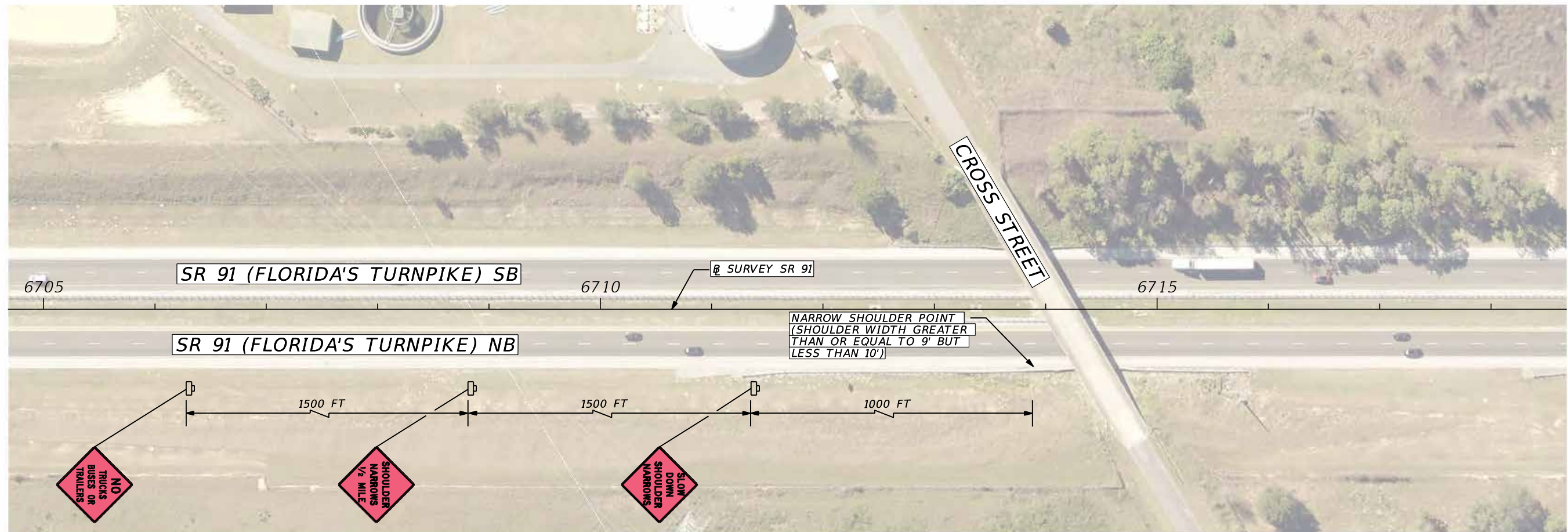


REVISIONS				JAMES J. VOMACKA, PE P.E. LICENSE NUMBER 60518 PROPEL ENGINEERING, INC. 2711 N VISTA PARKWAY, SUITE B7 WEST PALM BEACH, FL 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>DEPLOYMENT          PLAN (16)</b>	SHEET NO.  28
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 91	ORANGE LAKE SUMTER	437167-3-52-01		





REVISIONS				JAMES J. VOMACKA, PE P.E. LICENSE NUMBER 60518 PROPEL ENGINEERING, INC. 2711 N VISTA PARKWAY, SUITE B7 WEST PALM BEACH, FL 33411	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>DEPLOYMENT</b> <b>PLAN (17)</b>	SHEET NO.  29
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 91	ORANGE LAKE SUMTER	437167-3-52-01			



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JAMES J. VOMACKA, PE  
P.E. LICENSE NUMBER 60518  
PROPEL ENGINEERING, INC.  
2711 N VISTA PARKWAY, SUITE B7  
WEST PALM BEACH, FL 33411

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 91	ORANGE LAKE SUMTER	437167-3-52-01

**TYPICAL NARROW  
SHOULDER DETAIL**

SHEET NO.  
30











