

CITY OF WINTER PARK, FLORIDA

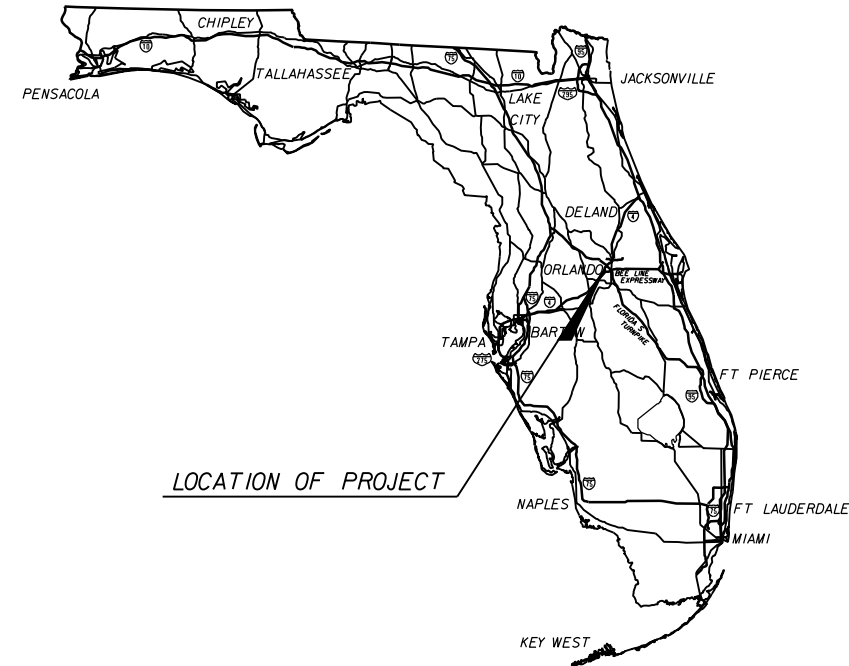
CONTRACT PLANS

FAIRBANKS AVENUE (S.R. 426)
FROM I-4 TO US 17-92
FPID 423353-I-58-01
ORANGE COUNTY (75006)

INDEX OF SIGNING AND PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2 - S-3	TABULATION OF QUANTITIES
S-4	GENERAL NOTES
S-5 - S-15	SIGNING AND PAVEMENT MARKING PLANS

SIGNING AND PAVEMENT MARKING PLANS



SIGNING AND PAVEMENT MARKING SHOP DRAWINGS
TO BE SUBMITTED TO:
DEEANGELA R. TJIKUENI, P.E.
CH2M HILL
225 E. ROBINSON ST.
SUITE 505
ORLANDO, FLORIDA 32801
(407) 423-0030

PLANS PREPARED BY:

CH2MHILL
225 E. ROBINSON ST.
SUITE 505
ORLANDO, FLORIDA 32801
(407) 423-0030

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

90% PLANS
MAY 2011

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION

SIGNING AND PAVEMENT MARKING PLANS
ENGINEER OF RECORD: DEEANGELA R. TJIKUENI

P.E. NO.: 68301

FISCAL YEAR	SHEET NO.
2012	S-1

CITY PROJECT MANAGER: DAVID L. ZUSI, P.E. FDOT PROJECT MANAGER: TUSHAR PATEL

TABULATION OF QUANTITIES																											
PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																		TOTAL THIS SHEET		GRAND TOTAL		REF. SHEET		
			S-5		S-6		S-7		S-8		S-9		S-10		S-11		S-12		S-13							S-14	
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN
700-20-11	SINGLE POST SIGN, F&I, LESS THAN 12 SF	AS	2		1		1		3		1										2		10				
700-20-12	SINGLE POST SIGN, F&I, 12-20 SF	AS	3		1																	4					
700-20-40	SINGLE POST SIGN, RELOCATE	AS	2		4						1						2		1		1		11				
700-20-60	SINGLE POST SIGN, REMOVE	AS	1					3		1												5					
705-11-1	DELINEATOR, FLEXIBLE TUBULAR (WHITE)	EA			1																	1					
710-90*	PAINTED PAVEMENT MARKINGS (FINAL SURFACE)	LS	1																			1					
*	MARKER PAVEMENT RETRO REFLECTIVE, TYPE "B" RPM'S - Y/Y	EA	30		20		32		42		32		42		28		26		18		22		292				
*	MARKER PAVEMENT RETRO REFLECTIVE, TYPE "B" RPM'S - Y/R	EA	3		3																	6					
*	MARKER PAVEMENT RETRO REFLECTIVE, TYPE "B" RPM'S - W/R	EA	60		93		27		36		37		35		38		26		26		35		413				
*	MARKER PAVEMENT RETRO REFLECTIVE, TYPE "B" RPM'S - BLUE	EA					1		1				1				1		2			6					
*	DIRECTIONAL ARROW	EA	8		18		8		13		7		9		13		5		5		5		91				
*	PAVEMENT MESSAGES	EA	7		7		3		5		5		3		5		3		3		1		42				
*	REFLECTIVE PAINT (ISLAND NOSE)(WHITE)	SF	5		5																	10					
*	REFLECTIVE PAINT (ISLAND NOSE)(YELLOW)	SF	25		3																	28					
*	SKIP TRAF. STRIPE 10'/30' - 6" WHITE	GM	0.026		0.077		0.172		0.113		0.173		0.170		0.117		0.149		0.158		0.089		1.244				
*	SKIP TRAF. STRIPE 10'/30' - 6" YELLOW	GM					0.068		0.055		0.032		0.114				0.021		0.021				0.311				
*	SOLID TRAF. STRIPE (6") - WHITE	NM	0.242		0.351		0.184		0.238		0.256		0.233		0.168		0.175		0.174		0.098		2.119				
*	SOLID TRAF. STRIPE (6") - YELLOW	NM	0.164		0.244		0.170		0.197		0.205		0.202		0.255		0.199		0.155		0.208		1.999				
*	SOLID TRAF. STRIPE (8") - WHITE	NM	0.068		0.109																	0.177					
*	SKIP TRAF. STRIPE 2'/4' - 6" WHITE	LF	88		56																						

1. * THESE QUANTITIES ARE PAID FOR UNDER PAINTED PAVEMENT MARKINGS (FINAL SURFACE), LUMP SUM-ITEM NO. 710-90. THESE QUANTITIES ARE FOR ONE APPLICATION; SEE SPECIFICATION 710 FOR THE NUMBER OF APPLICATIONS REQUIRED.

2. PAY ITEM NUMBER 705-II-1 SHALL INCLUDE THE REMOVAL OF ALL DELINEATORS WITHIN THE PROJECT LIMITS.

3. PAY ITEM 710-90: THE CONTRACTOR SHALL APPLY THERMOPLASTIC AS THE SECOND APPLICATION A MINIMUM OF THIRTY (30) DAYS AFTER THE FIRST APPLICATION OF PAINT BUT PRIOR TO THE FINAL ACCEPTANCE OF THE PROJECT. THE THERMOPLASTIC SHALL BE IN ACCORDANCE WITH SECTION 711 OF THE SPECIFICATION. ALL PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF THE PAY ITEM NUMBER 710-90.

4. THE CONTRACTOR SHALL REMOVE AND REPLACE ALL EXISTING BLUE RPM'S WITHIN THE PROJECT LIMITS. RPM'S SHALL BE PLACED 6 INCHES FROM THE EDGE OF PAINTED WHITE CHANNELIZING LINE OR THE PAINTED YELLOW BARRIER LINE ON THE SIDE NEAREST THE FIRE HYDRANT. THE COST OF THE BLUE RPM'S SHALL BE INCLUDED UNDER PAY ITEM NUMBER 710-90.

R E V I S I O N S						Engineer of Record: DeeAngela R. Tjikueni P.E. License No.: 68301 CH2M HILL 225 E. ROBINSON STREET SUITE 505 ORLANDO, FL 32801-4322 CERTIFICATE OF AUTHORIZATION NO. 000072	CITY OF WINTER PARK			TABULATION OF QUANTITIES	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	CITY PROJECT NO.		S-2
							SR 426	ORANGE	2010-01		

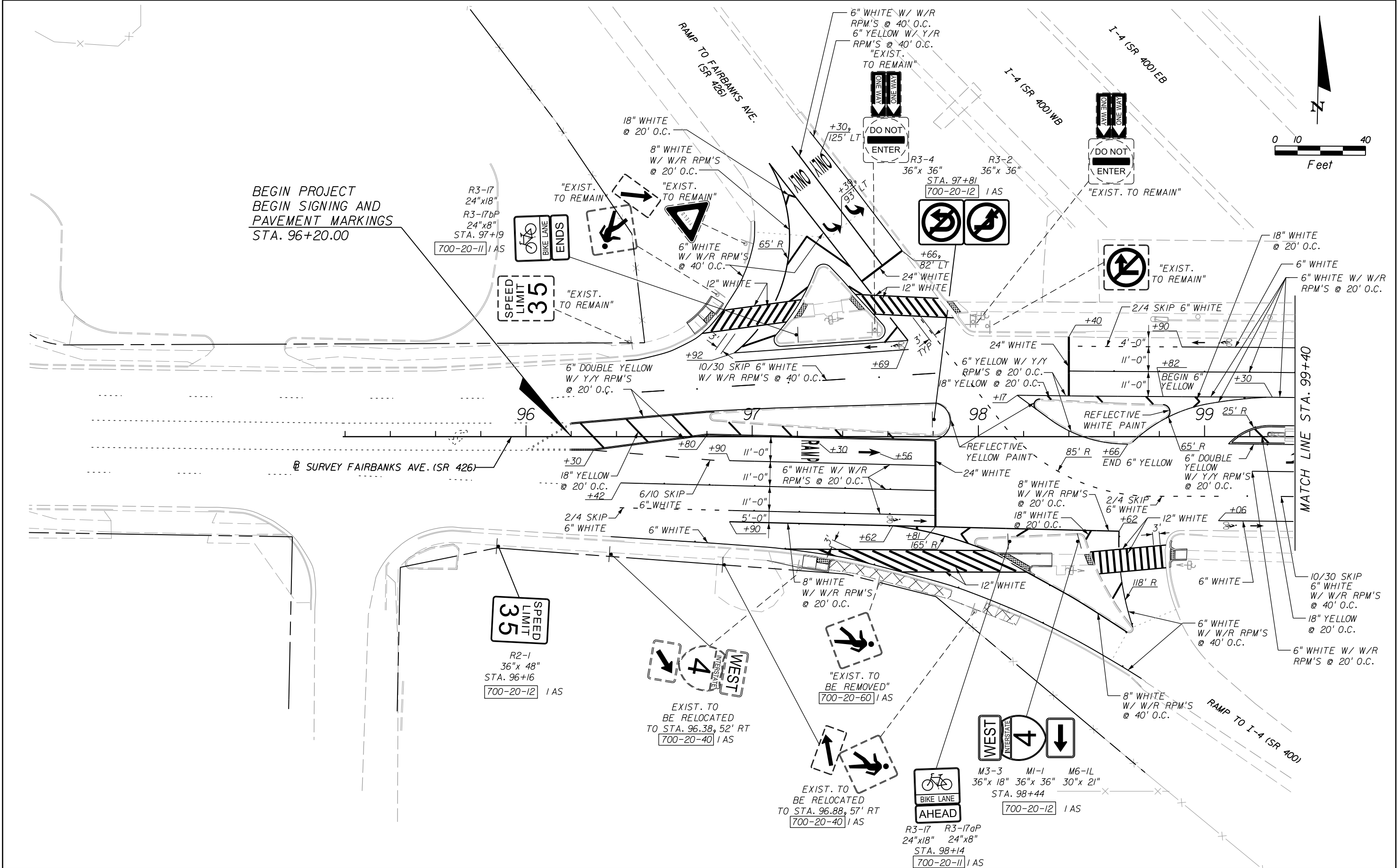
[illegible]

REVISIONS						Engineer of Record: DeeAngela R. Tjikueni P.E. License No.: 68301 CH2M HILL 225 E. ROBINSON STREET SUITE 505 ORLANDO, FL 32801-4322 CERTIFICATE OF AUTHORIZATION NO. 000072	CITY OF WINTER PARK			TABULATION OF QUANTITIES	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	CITY PROJECT NO.		S-3
							SR 426	ORANGE	2010-01		

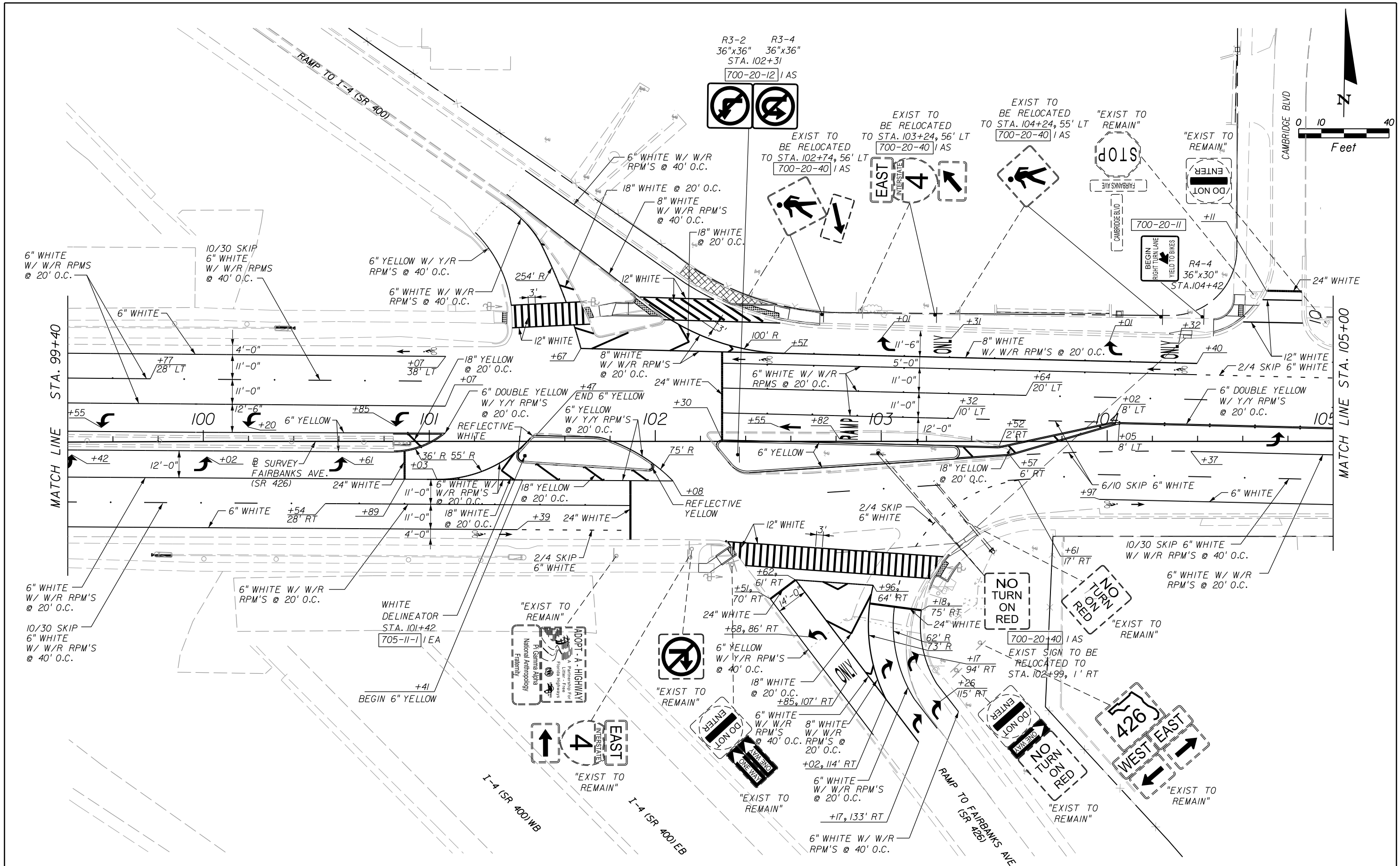
GENERAL NOTES:

1. ALL REMOVED SIGNS AND THEIR SUPPORTS BECOME THE PROPERTY OF THE CONTRACTOR TO BE DISPOSED OF PROPERLY UNLESS OTHERWISE NOTED ON THE PLANS.
2. PAVEMENT MARKINGS AND RETRO-REFLECTIVE PAVEMENT MARKERS SHOULD BE PLACED AS SHOWN IN THE PLANS AND THE APPROPRIATE FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARD INDEX.
3. ALL EXISTING SIGNS ARE TO REMAIN UNLESS OTHERWISE NOTED ON THE PLANS.
4. ALL SPECIAL EMPHASIS CROSSWALKS SHALL BE 10 LF WIDE UNLESS OTHERWISE SHOWN ON THE PLANS.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REMOVE, STOCKPILE AND RELOCATE/REPLACE ALL EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION OPERATIONS. THE CONTRACTOR MUST MAINTAIN ALL SIGNAGE NECESSARY TO PROPERLY DIRECT TRAFFIC DURING ALL PHASES OF CONSTRUCTION. IF SIGNS ARE DAMAGED BY THE CONTRACTOR, THE SIGNS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SIGN REMOVAL SHALL BE DIRECTED BY THE PROJECT ENGINEER.
6. THE CONTRACTOR IS RESPONSIBLE FOR ADDITIONAL MARKING OUTSIDE THE CONSTRUCTION LIMITS DESTROYED OR DAMAGED BY THE CONSTRUCTION VEHICLES OR TRACKING PER GUIDELINES AND TIME FRAME SET FORTH IN THE LATEST EDITION OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
7. STATIONS AND OFFSETS REFER TO THE CENTERLINE CONSTRUCTION (UNLESS OTHERWISE NOTED).
8. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS LISTED ON THE ROADWAY PLAN GENERAL NOTES SHEET AT LEAST 48 HOURS IN ADVANCE OF ANY OPERATION WHERE CONFLICTS MAY OCCUR.
9. THE CONTRACTOR SHALL NOTIFY LES BROWN WITH LYNX TRANSIT AT (407)841-2279, EXTENSION 3503, 2 WEEKS PRIOR TO SCHEDULED RELOCATION OF BUS STOP SIGNS AND BUS BENCHES. LYNX WILL RESET BUS STOP SIGNS AND ARRANGE FOR RELOCATION OF THE BUS BENCHES.
10. THE CONTRACTOR SHALL FULLY COVER ALL PROPOSED SPEED LIMIT SIGN PANELS WITH A DURABLE OPAQUE SHEET MATERIAL. PLASTIC FILM AND WOVEN FABRICS, INCLUDING BURLAP, WILL NOT BE PERMITTED. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING COVERS UNTIL THE PROJECT FINAL ACCEPTANCE. AFTER FINAL ACCEPTANCE, FDOT MAINTENANCE FORCES WILL REMOVE THE COVERS.
11. ALL STRIPING FROM STATIONS 151+45.00 TO 154+12.50 TO BE REFURBISHED PER THE MOST RECENT EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 711.

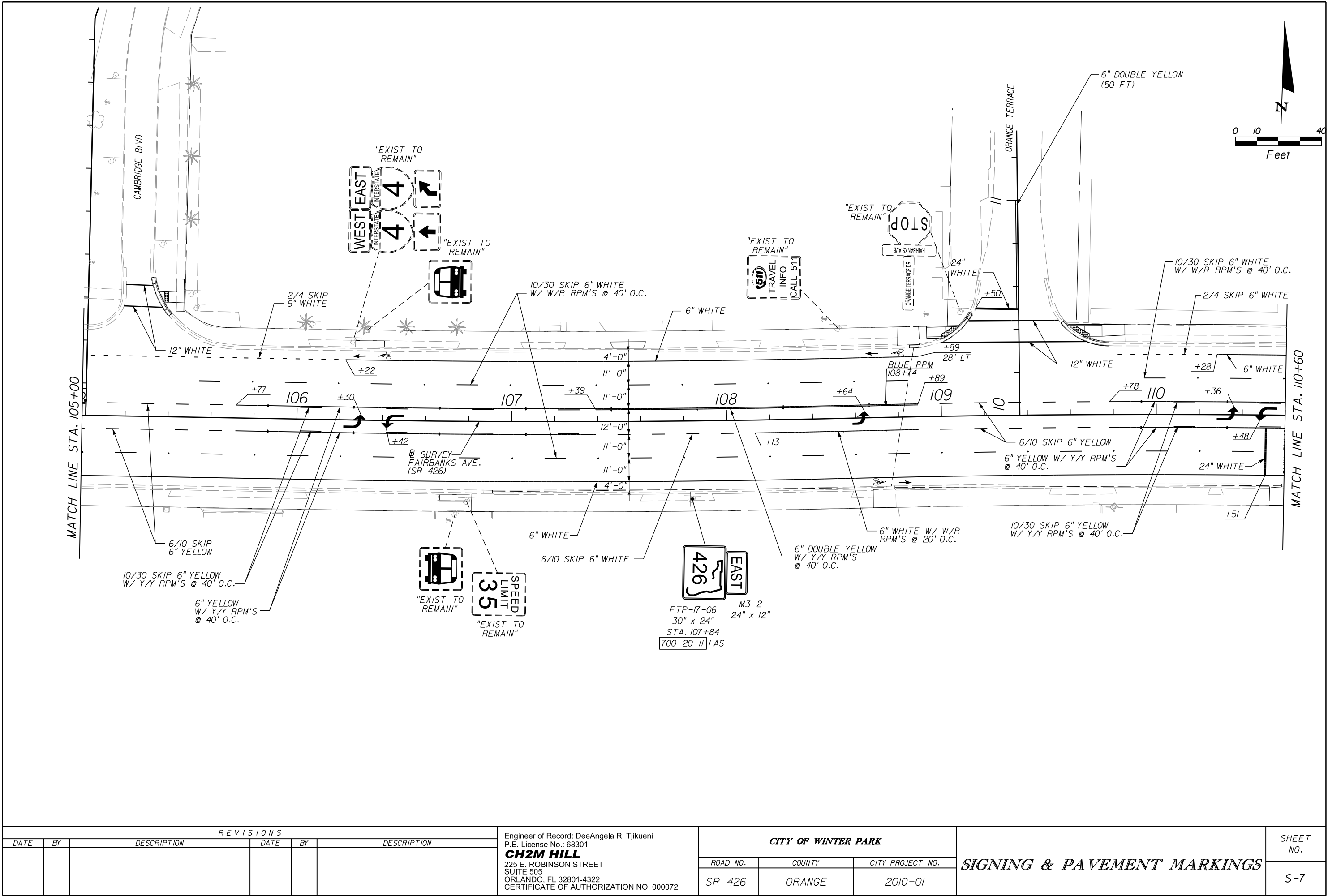
R E V I S I O N S						Engineer of Record: DeeAngela R. Tjikueni P.E. License No.: 68301 CH2M HILL 225 E. ROBINSON STREET SUITE 505 ORLANDO, FL 32801-4322 CERTIFICATE OF AUTHORIZATION NO. 000072	CITY OF WINTER PARK			GENERAL NOTES	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						
							ROAD NO.	COUNTY	CITY PROJECT NO.		
							SR 426	ORANGE	2010-01		S-4



REVISIONS						Engineer of Record: DeeAngela R. Tjikueni P.E. License No.: 68301 CH2M HILL 225 E. ROBINSON STREET SUITE 505 ORLANDO, FL 32801-4322 CERTIFICATE OF AUTHORIZATION NO. 000072	CITY OF WINTER PARK			SIGNING & PAVEMENT MARKINGS	SHEET NO. S-5
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	CITY PROJECT NO.		
							SR 426	ORANGE	2010-01		

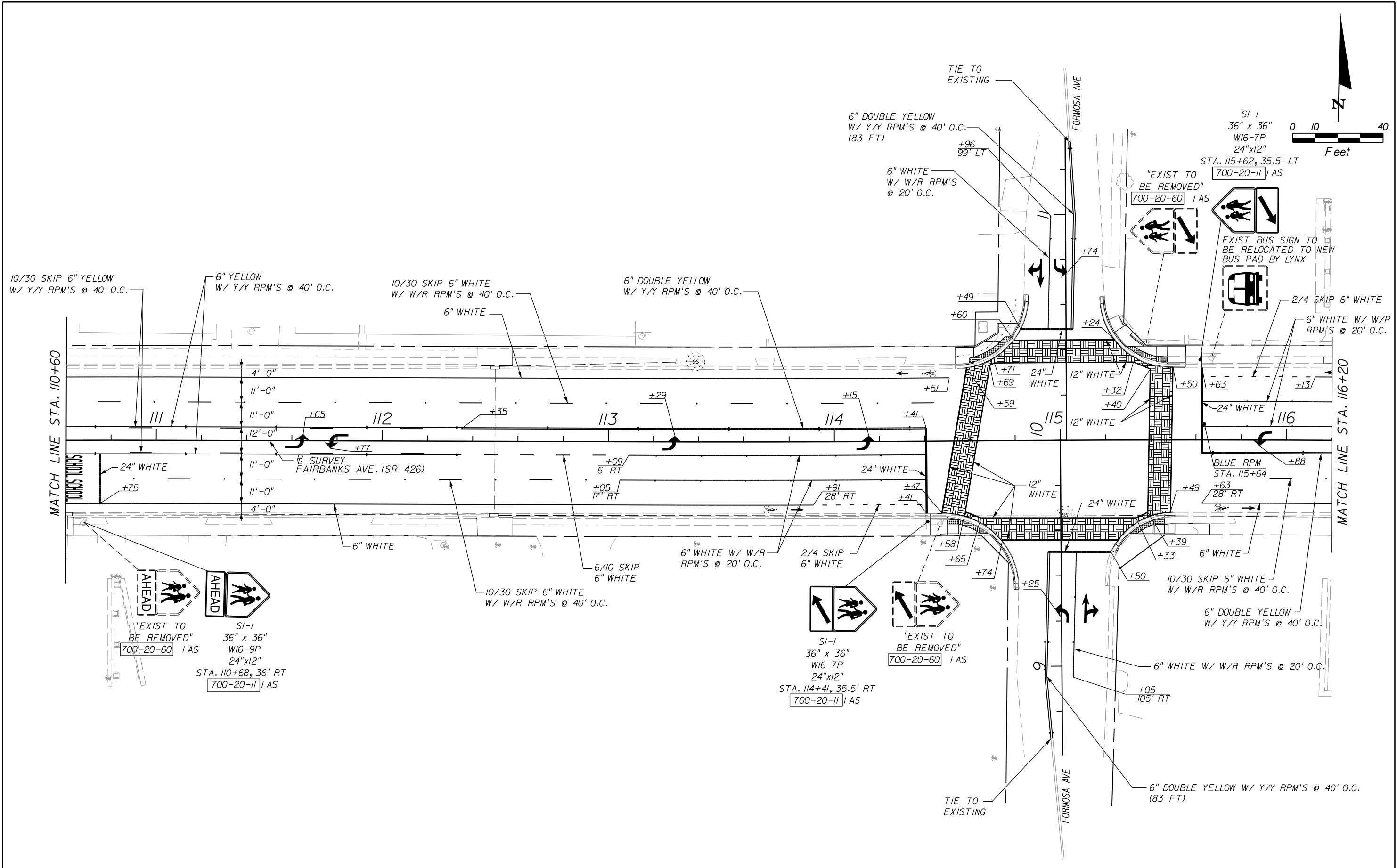


R E V I S I O N S						Engineer of Record: DeeAngela R. Tjikueni P.E. License No.: 68301 CH2M HILL 225 E. ROBINSON STREET SUITE 505 ORLANDO, FL 32801-4322 CERTIFICATE OF AUTHORIZATION NO. 000072	CITY OF WINTER PARK			SIGNING & PAVEMENT MARKINGS	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						
							ROAD NO.	COUNTY	CITY PROJECT NO.		
							SR 426	ORANGE	2010-01		S-6

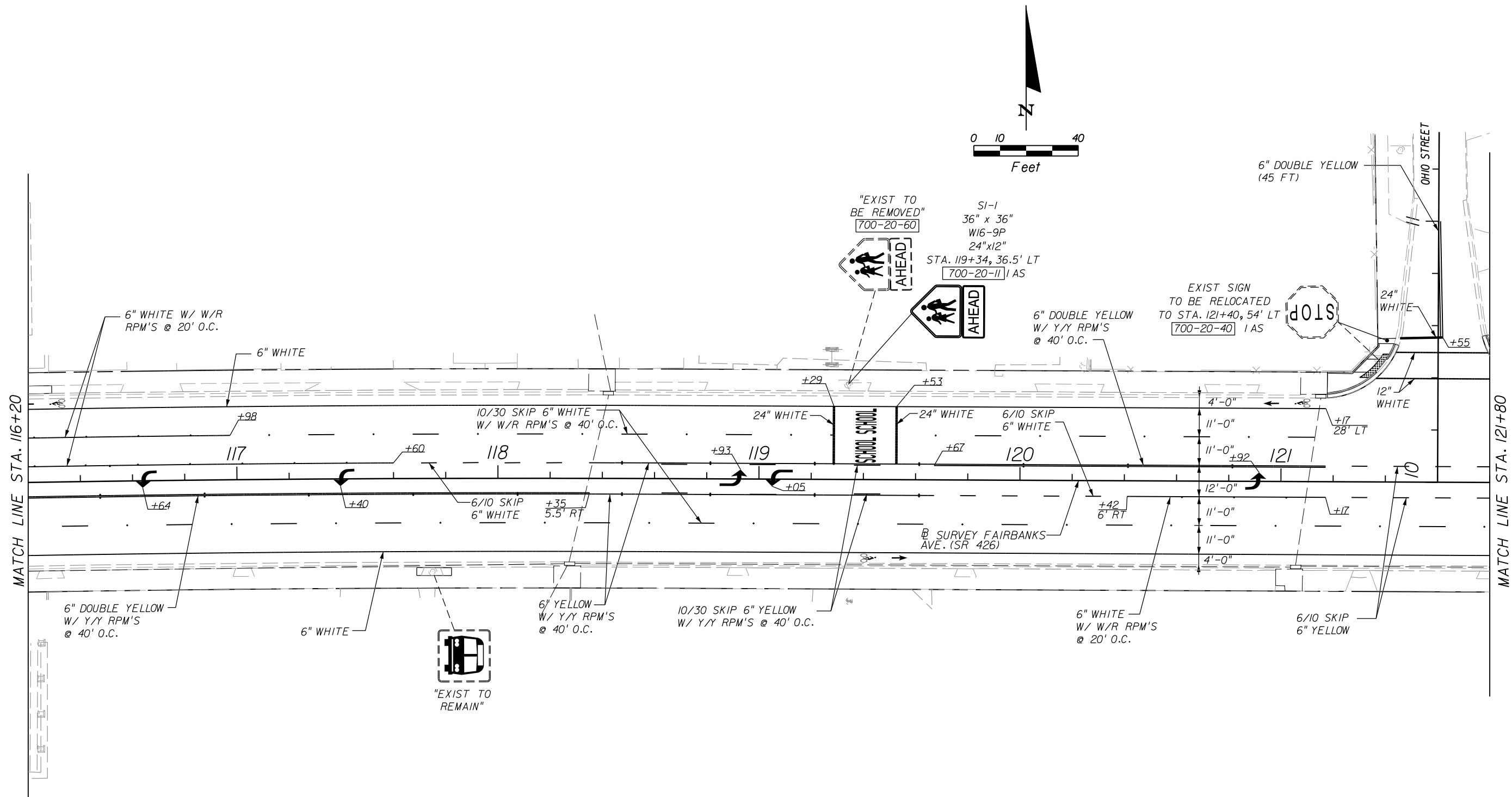


REVISIONS						Engineer of Record: DeeAngela R. Tjikueni P.E. License No.: 68301 CH2M HILL 225 E. ROBINSON STREET SUITE 505 ORLANDO, FL 32801-4322 CERTIFICATE OF AUTHORIZATION NO. 000072	CITY OF WINTER PARK			SHEET NO. S-7
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	CITY PROJECT NO.	
							SR 426	ORANGE	2010-01	

SIGNING & PAVEMENT MARKINGS

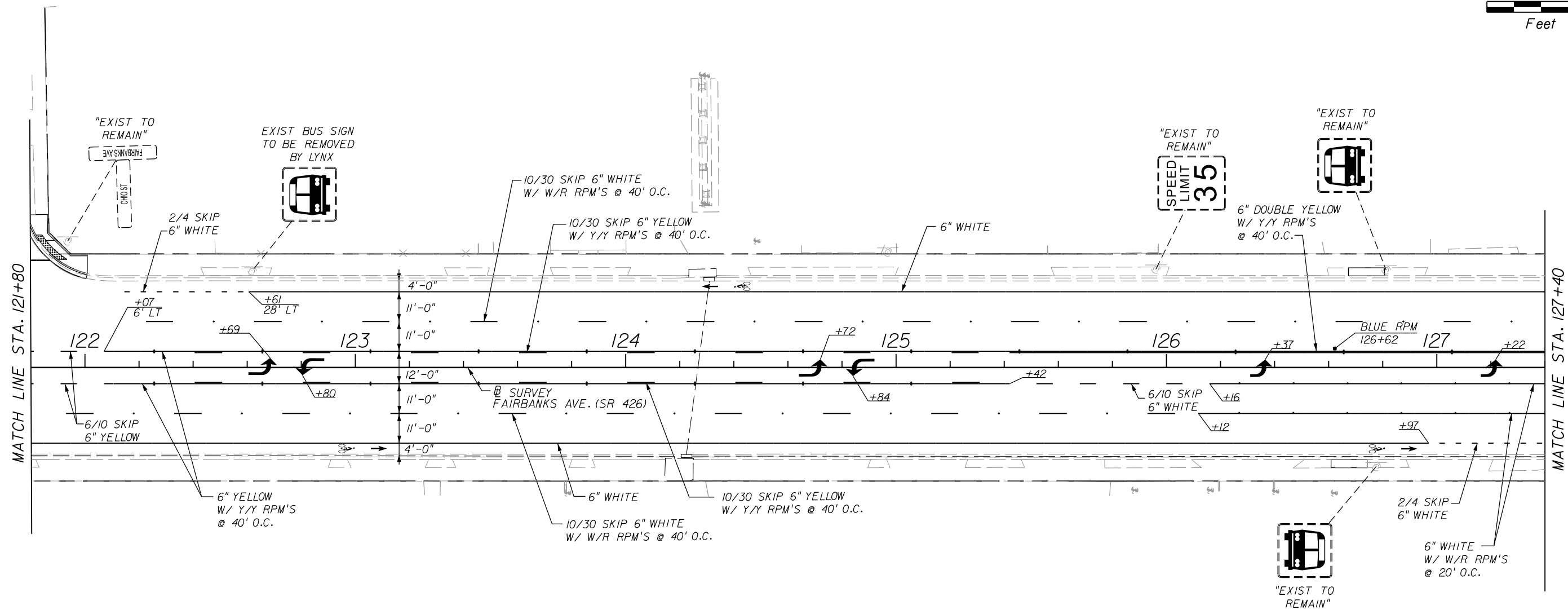
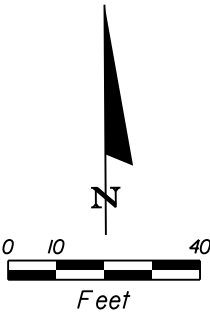


REVISIONS						Engineer of Record: DeeAngela R. Tjikueni P.E. License No.: 68301 CH2M HILL 225 E. ROBINSON STREET SUITE 505 ORLANDO, FL 32801-4322 CERTIFICATE OF AUTHORIZATION NO. 000072	CITY OF WINTER PARK			SIGNING & PAVEMENT MARKINGS	SHEET NO. S-8
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	CITY PROJECT NO.		
							SR 426	ORANGE	2010-01		



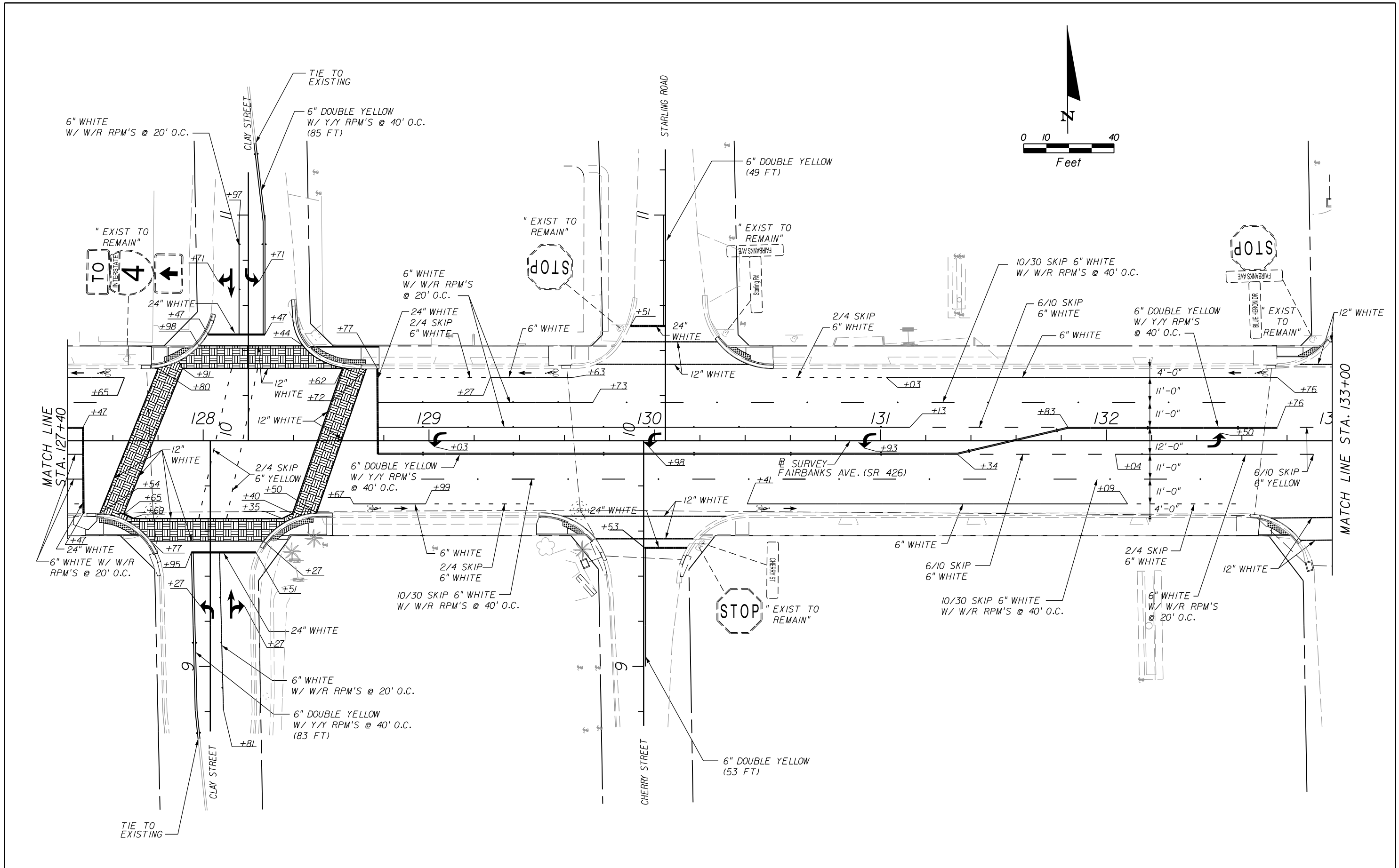
REVISIONS						Engineer of Record: DeeAngela R. Tjikueni P.E. License No.: 68301 CH2M HILL 225 E. ROBINSON STREET SUITE 505 ORLANDO, FL 32801-4322 CERTIFICATE OF AUTHORIZATION NO. 000072	CITY OF WINTER PARK			SHEET NO. S-9
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	CITY PROJECT NO.	
							SR 426	ORANGE	2010-01	

SIGNING & PAVEMENT MARKINGS



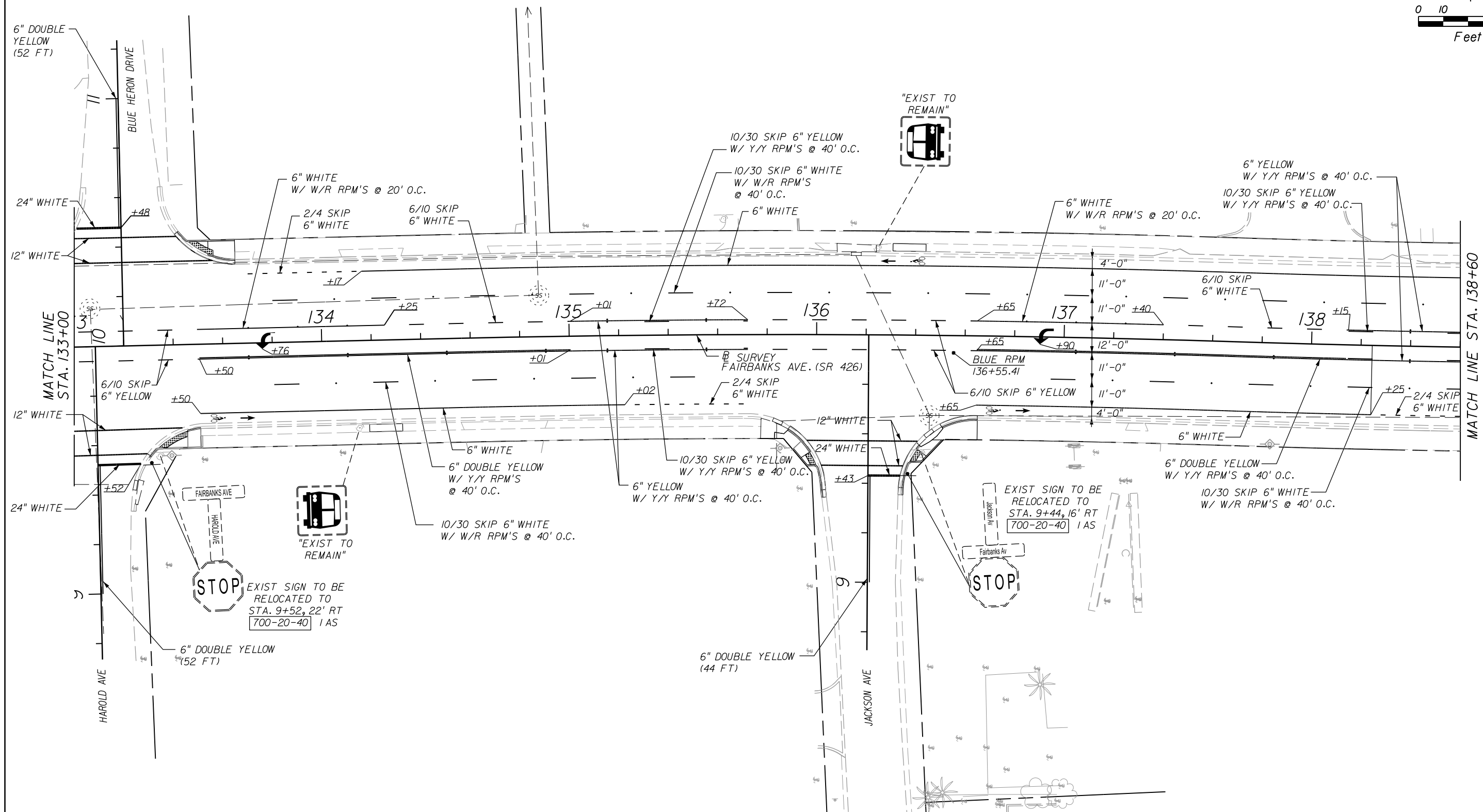
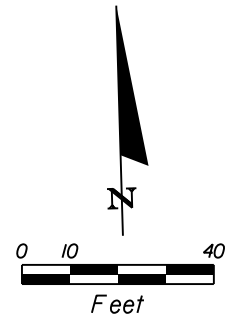
REVISIONS						Engineer of Record: DeeAngela R. Tjikueni P.E. License No.: 68301 CH2M HILL 225 E. ROBINSON STREET SUITE 505 ORLANDO, FL 32801-4322 CERTIFICATE OF AUTHORIZATION NO. 000072	CITY OF WINTER PARK			SHEET NO. S-10
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	CITY PROJECT NO.	
							SR 426	ORANGE	2010-01	

SIGNING & PAVEMENT MARKINGS

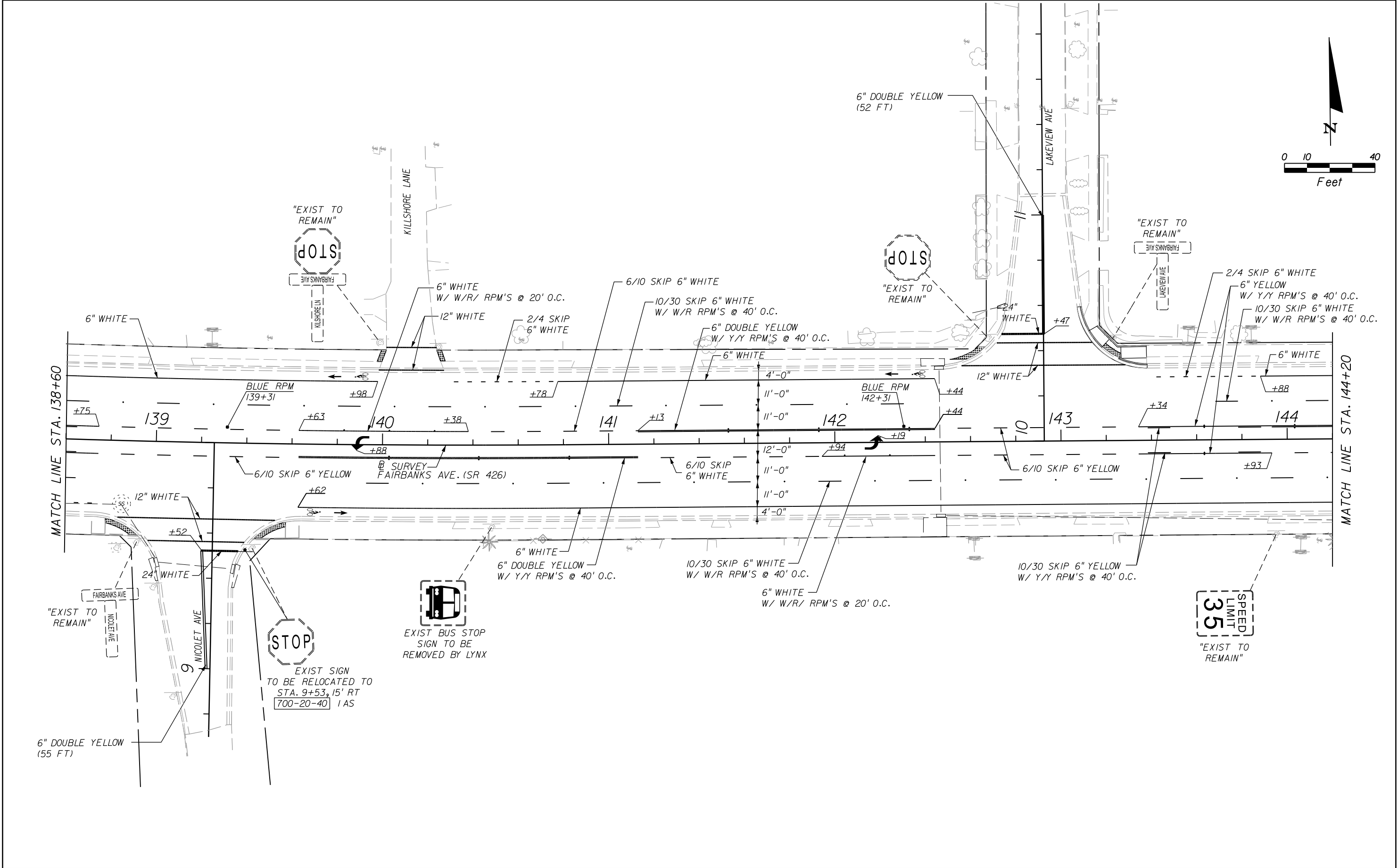


REVISIONS						CITY OF WINTER PARK	SIGNING & PAVEMENT MARKINGS	SHEET NO. S-II
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			

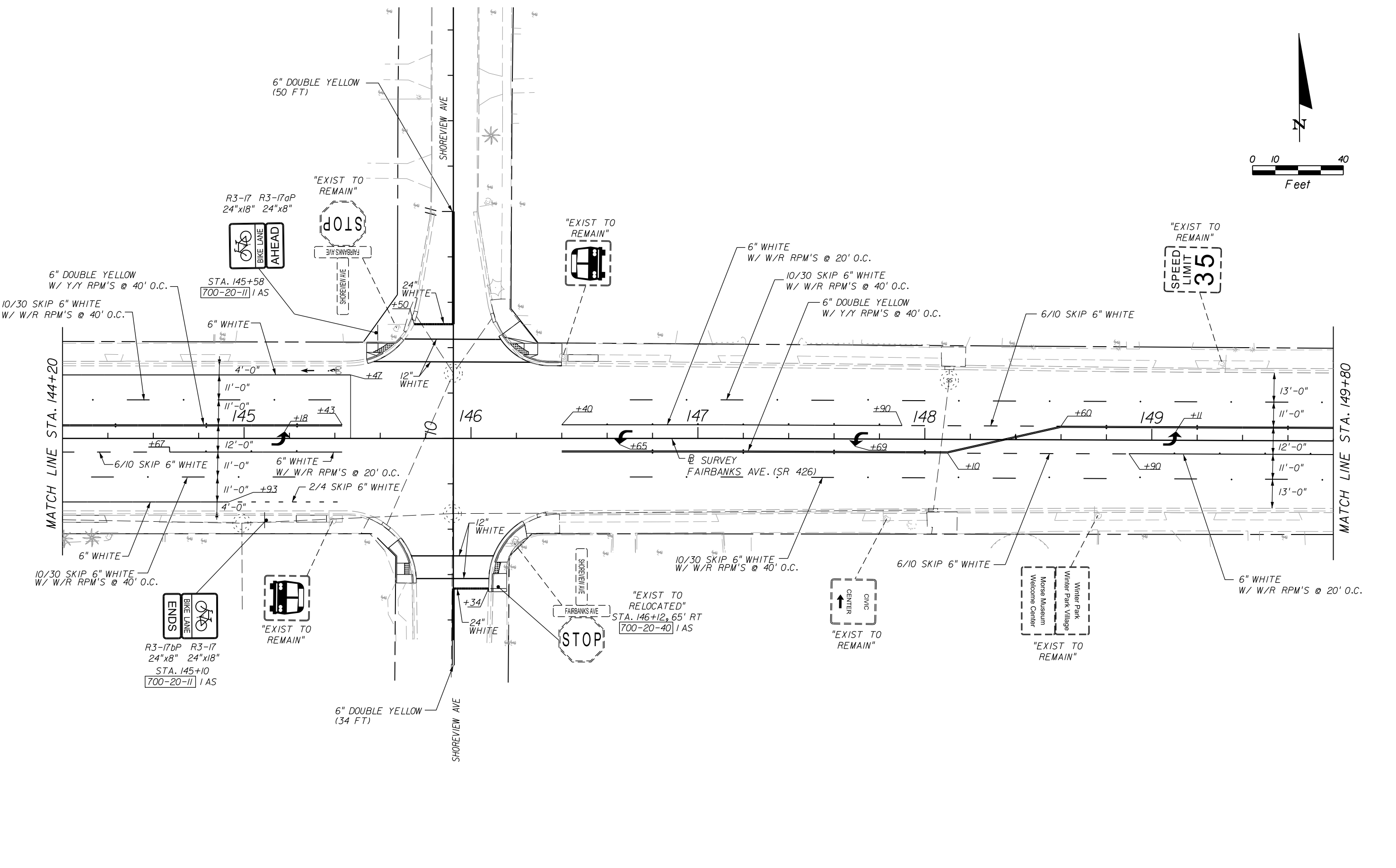
Engineer of Record: DeeAngela R. Tjikueni P.E. License No.: 68301 CH2M HILL 225 E. ROBINSON STREET SUITE 505 ORLANDO, FL 32801-4322 CERTIFICATE OF AUTHORIZATION NO. 000072			ROAD NO. COUNTY CITY PROJECT NO. SR 426 ORANGE 2010-01		
--	--	--	---	--	--



REVISIONS						Engineer of Record: DeeAngela R. Tjikueni P.E. License No.: 68301 CH2M HILL 225 E. ROBINSON STREET SUITE 505 ORLANDO, FL 32801-4322 CERTIFICATE OF AUTHORIZATION NO. 000072	CITY OF WINTER PARK			SIGNING & PAVEMENT MARKINGS	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						
							ROAD NO.	COUNTY	CITY PROJECT NO.		S-12
						SR 426	ORANGE	2010-01			

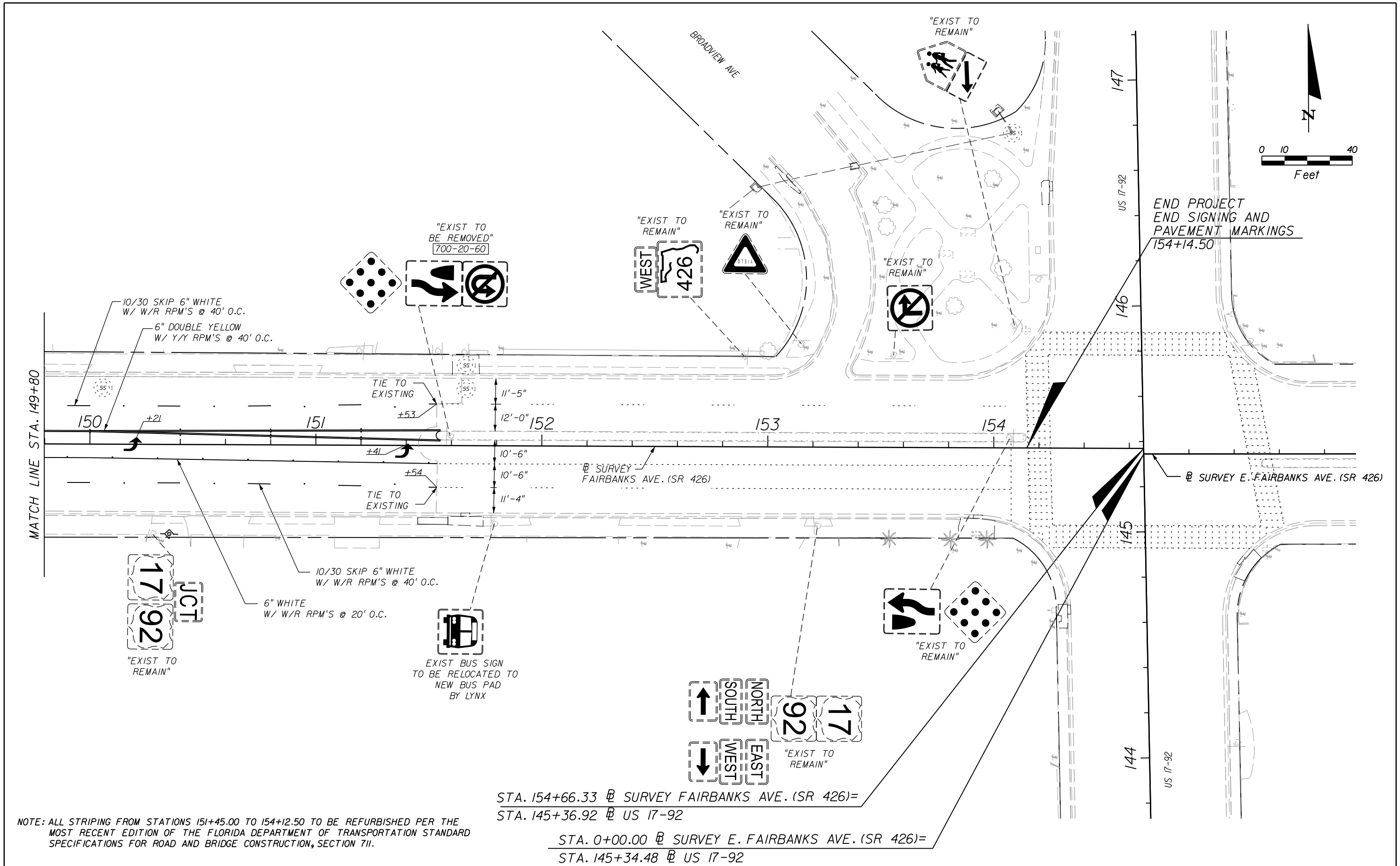


REVISIONS						Engineer of Record: DeeAngela R. Tjikueni P.E. License No.: 68301 CH2M HILL 225 E. ROBINSON STREET SUITE 505 ORLANDO, FL 32801-4322 CERTIFICATE OF AUTHORIZATION NO. 000072	CITY OF WINTER PARK			SHEET NO. S-13
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					
							ROAD NO.	COUNTY	CITY PROJECT NO.	
							SR 426	ORANGE	2010-01	



REVISIONS						Engineer of Record: DeeAngela R. Tjikueni P.E. License No.: 68301 CH2M HILL 225 E. ROBINSON STREET SUITE 505 ORLANDO, FL 32801-4322 CERTIFICATE OF AUTHORIZATION NO. 000072	CITY OF WINTER PARK			SHEET NO. S-14
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	CITY PROJECT NO.	
							SR 426	ORANGE	2010-01	

SIGNING & PAVEMENT MARKINGS



NOTE: ALL STRIPING FROM STATIONS 151+45.00 TO 154+12.50 TO BE REFURBISHED PER THE MOST RECENT EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 711.

STA. 154+66.33 @ SURVEY FAIRBANKS AVE. (SR 426)=
STA. 145+36.92 @ US 17-92

STA. 0+00.00 @ SURVEY E. FAIRBANKS AVE. (SR 426)=
STA. 145+34.48 @ US 17-92

REVISIONS						Engineer of Record: DeeAngela R. Tjikueni P.E. License No.: 68301 CH2M HILL 225 E. ROBINSON STREET SUITE 505 ORLANDO, FL 32801-4322 CERTIFICATE OF AUTHORIZATION NO. 000072	CITY OF WINTER PARK			SHEET NO. S-15
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	CITY PROJECT NO.	
							SR 426	ORANGE	2010-01	

SIGNING & PAVEMENT MARKINGS