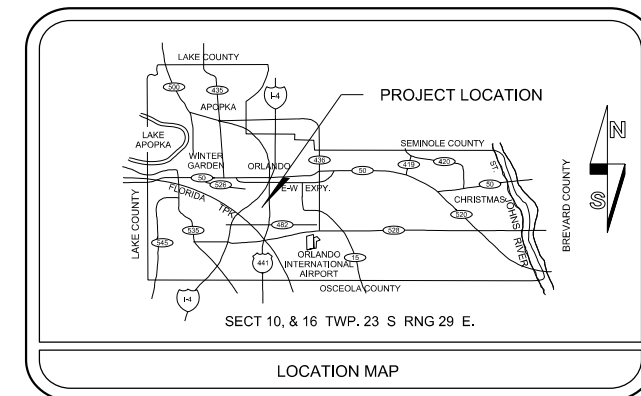


JERRY L. DEMINGS, COUNTY MAYOR

BOARD OF COUNTY COMMISSIONERS

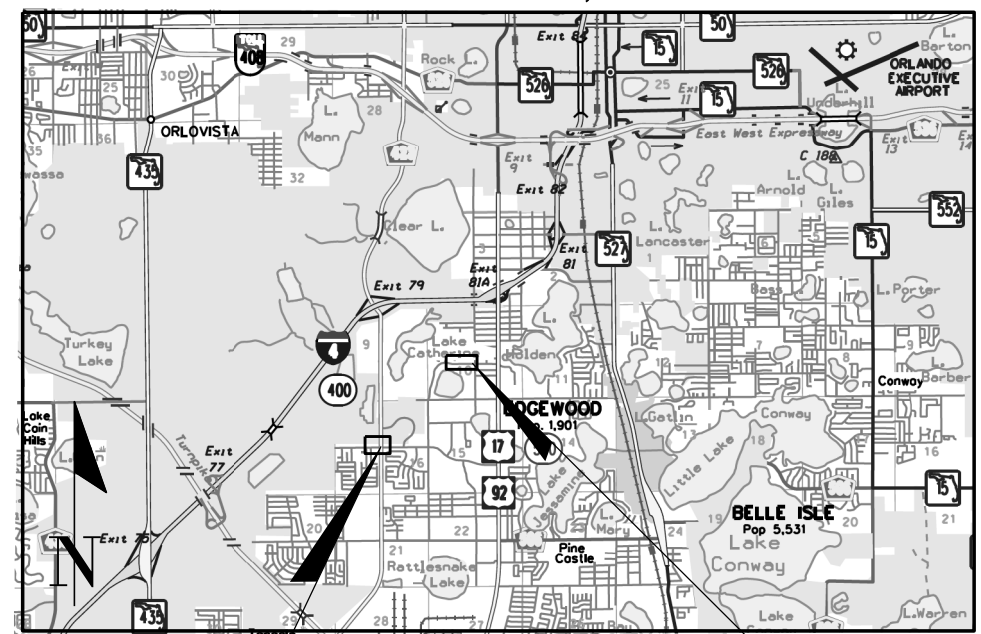
- BETSY VANDERLEY DISTRICT 1
- CHRISTINE MOORE DISTRICT 2
- MAYRA URIBE DISTRICT 3
- MARIBEL GOMEZ CORDERO DISTRICT 4
- EMILY BONILLA DISTRICT 5
- VICTORIA P. SIPLIN DISTRICT 6
- DIANA ALMODOVAR, P.E. INTERIM PUBLIC WORKS DIRECTOR

CONSTRUCTION PLANS FOR INTERSECTION IMPROVEMENTS JOHN YOUNG PARKWAY AT CONROY RD. AND AMERICANA BLVD. AND SIDEWALK IMPROVEMENTS AT TEXAS AVE FROM DUNWOODIE BLVD. TO RIO GRANDE AVE. ORANGE COUNTY CIP NO. 2722 DISTRICT NO. 6 ORANGE COUNTY, FLORIDA



UTILITIES ENCOUNTERED	
COMPANY NAME	TELEPHONE NO.
ORANGE COUNTY UTILITIES	407-254-9706
CHARTER COMMUNICATIONS	407-2155864
CROWN CASTLE	407-461-3367
ORANGE COUNTY PUBLIC WORKS TRAFFIC ENGINEERING	407-836-7804
ORLANDO UTILITIES COMMISSION	407-434-2568
TECO PEOPLES GAS - ORLANDO	407-420-6663
AT&T DISTRIBUTION	407-351-8180
UNITI FIBER LLC	352-256-1524
MCI	469-886-4238 OR 863-837-3859
CENTURYLINK/FKA LEVEL 3 COMMUNICATIONS LLC	720-888-1089

INDEX OF SHEETS	
SHEET	DESCRIPTION
1	KEY SHEET
2-3	GENERAL NOTES
4	SUMMARY OF PAY ITEMS & PAY ITEMS NOTES JOHN YOUNG PARKWAY
5	SUMMARY OF PAY ITEMS & PAY ITEM NOTES TEXAS AVE.
6	TYPICAL SECTION TEXAS AVE.
7	TYPICAL SECTION DETAILS JOHN YOUNG PARKWAY
8	SUMMARY OF DRAINAGE STRUCTURES TEXAS AVE.
9	ROADWAY PLAN JOHN YOUNG PARKWAY
10-13	ROADWAY PLAN & PROFILE TEXAS AVE.
14	INTERSECTION DETAILS JOHN YOUNG PARKWAY
15	INTERSECTION DETAILS TEXAS AVE.
16	CURB RETURN PROFILES JOHN YOUNG PARKWAY
17	DRAINAGE STRUCTURES TEXAS AVE.
18-35	CROSS SECTIONS TEXAS AVE.
36	TEMPORARY TRAFFIC CONTROL PLAN GENERAL NOTES
37	TEMPORARY TRAFFIC CONTROL PLAN JOHN YOUNG PARKWAY
38-40	TEMPORARY TRAFFIC CONTROL PLAN TEXAS AVE.
41	UTILITY ADJUSTMENT SHEET JOHN YOUNG PARKWAY
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G-1	ROADWAY SOIL SURVEY
G-2	AUGER BORING RESULTS
1-3	SURVEY CONTROL SHEETS - D04-06
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PROJECT LOCATION 1
JOHN YOUNG PARKWAY
AT CONROY RD. & AMERICANA BLVD.
BL OF SURVEY AMERICANA BLVD.
STA. 21+94.30 TO STA. 24+38.02

PROJECT LOCATION 2
TEXAS AVE. AT RIO GRANDE
CL OF CONST. TEXAS AVE.
STA. 45+37.68 TO STA. 62+44.83 =
CL OF CONST. 43RD ST.
STA. 69+54.79 TO STA. 70+10.00

VICINITY MAP N.T.S.

LENGTH OF PROJECT		
NAME	LINEAR FEET	MILES
JOHN YOUNG PARKWAY	243.72	0.046
TEXAS AVE.	1762.36	0.334

NOTE :
PLANS WERE PREPARED ACCORDING TO AVAILABLE INFORMATION TO ADEQUATELY ADDRESS CONDITIONS AS THEY EXISTED AT THE TIME OF PLANS PREPARATION. NEEDS, CONDITIONS AND OWNERSHIP OF PROPERTIES MAY HAVE CHANGED SINCE PROJECT DESIGN. THE COUNTY'S REPRESENTATIVE WILL ADDRESS CHANGES AND NEEDS WITH THE PROPERTY OWNER OR THEIR REPRESENTATIVES. CONTRACTOR SHALL WORK WITH THE COUNTY'S REPRESENTATIVE IN ADDRESSING AND MEETING NEEDS AND CONDITIONS THAT MAY CHANGE SINCE PLANS PREPARATION.

PREPARED BY:
DRMP, INC.
941 LAKE BALDWIN LANE
ORLANDO, FL 32814
PHONE: (407) 896-0594
CERT. OF AUTH. # 2648

CERTIFICATION TO PLANS

I HEREBY CERTIFY THAT THE DESIGN FOR THIS PROJECT AND THE ATTACHED CONSTRUCTION PLANS COMPLY WITH THE REQUIREMENTS OF SECTION 336.045 OF THE FLORIDA STATUTES AND ARE IN SUBSTANTIAL CONFORMANCE WITH THE STANDARDS CONTAINED IN THE EDITION OF THE "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS" IN EFFECT ON THIS DATE AS ADOPTED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION PURSUANT TO SUBSECTION 336.045(1) OF THE FLORIDA STATUTES.

DATE: JUNE 2019 ENGINEER: JOSEPH C. KUNKEL, P.E. PE NO.: 42629

ORANGE COUNTY BENCH MARKS USED

SITE BENCHMARK : JOHN YOUNG PARKWAY
R367032: FOUND " SQUARE" CUT IN CENTER OF SIDEWALK +/- 1 FOOT SOUTH OF THE NORTH END OF SIDEWALK, ON THE EAST SIDE OF MOXIE BOULEVARD, +/- 100 FEET SOUTH OF AMERICANA BOULEVARD, ON THE NORTH SIDE OF WINTER RUN SUBDIVISION. PUBLISHED ELEVATION = 94.508 FEET (NAVD88)

SITE BENCHMARK : TEXAS AVE.
M098008: FOUND "X" CUT ON THE EAST CORNER OF CURB INLET ON THE SOUTH SIDE OF 43RD STREET. THE CURB INLET IS DUE NORTH OF OFFFALL TO LAKE BUCHANAN. PUBLISHED ELEVATION = 93.807 FEET (NAVD88)

R367006: FOUND BOX CUT IN TOP OF CURB AT THE POINT OF CURVATURE OF RADIUS, AT THE NORTHEAST CORNER ON NASHVILLE AVENUE AND 43RD STREET. PUBLISHED ELEVATION = 102.975 FEET (NAVD88)

GOVERNING STANDARDS AND STANDARD SPECIFICATIONS :
FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2018-19 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION
AND
FLORIDA DEPARTMENT OF TRANSPORTATION, JULY 2018 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS AMENDED BY CONTRACT DOCUMENTS.

REVISIONS	DATE	BY

DESIGNED BY: KES	DATE: APRIL 2019
CHECKED BY: AWS	DATE: APRIL 2019
APPROVED BY: JCK	DATE: APRIL 2019

SHEET 1
OF 43


LEGEND

EXIST. EDGE OF PAVT.	---	CONCRETE	---
PROPOSED PAVEMENT	---	RATE OF SUPERELEVATION	---
RIGHT OF WAY LINE	---	TELEPHONE PEDESTAL	---
SEWER STORM INLET	⊕	SERVICE BOX	⊕
SURVEY REFERENCE POINT	⊕	BURIED ELECTRIC LINE	---
POINT OF INTERSECTION	⊕	TRAFFIC SIGNAL POLE	⊕
BASE LINE	---	LIGHT POLE	⊕
CENTER LINE	---	UTILITY MARKER	⊕
PROPERTY LINE	---	FIBER OPTIC CABLE	---
DELTA ANGLE	Δ	FIRE HYDRANT	⊕
APPROXIMATE	±	POWER POLE W/ TRANSFORMER	⊕
ROUND	±	IRON ROD	⊕
CURB & GUTTER	---	IRON PIPE	---
WIRE PULL BOX	⊕	WOOD POST	⊕
GATE	⊕	TRAFFIC SIGN	⊕
WATER METER	⊕	MAIL BOX	⊕
VALVE	⊕	STORM SEWER, SIZE & TYPE	---
IRRIGATION CONTROL VALVE	⊕	SANITARY SEWER VALVE	---
TRANSFORMER	⊕	SANITARY SEWER VALVE COVER	---
POWER POLE	⊕	MONITORING WELL	⊕
GUY WIRE	---	TREE OAK	⊕
OVERHEAD POWER POLE	---	TREE PALM	⊕
BURIED FORCED MAIN	---	TREE CAMPOR	⊕
ELECTRIC METER	⊕	TREE MAGNOLIA	⊕
BURIED TELEPHONE CABLE	---	TREE PINE	⊕
BENCHMARK	⊕	FLOW LINE	---
SOIL BORING	⊕	HEDGE	---
PALM TREE & SIZE	⊕		

**JYP AT CONROY ROAD/AMERICANA BLVD.
& TEXAS AVE. AT RIO GRANDE AVE.**

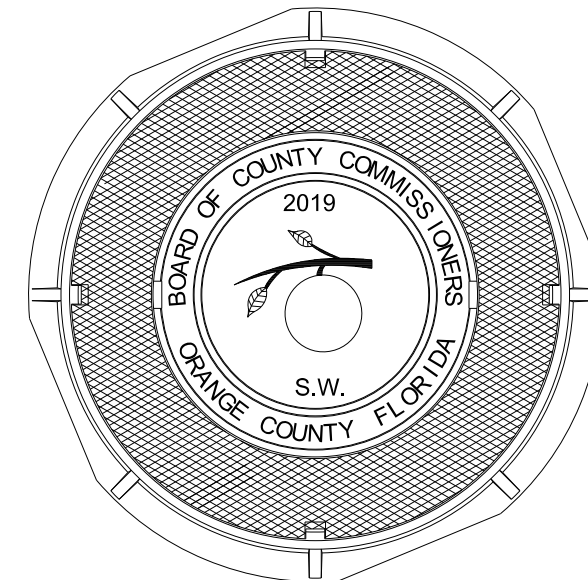
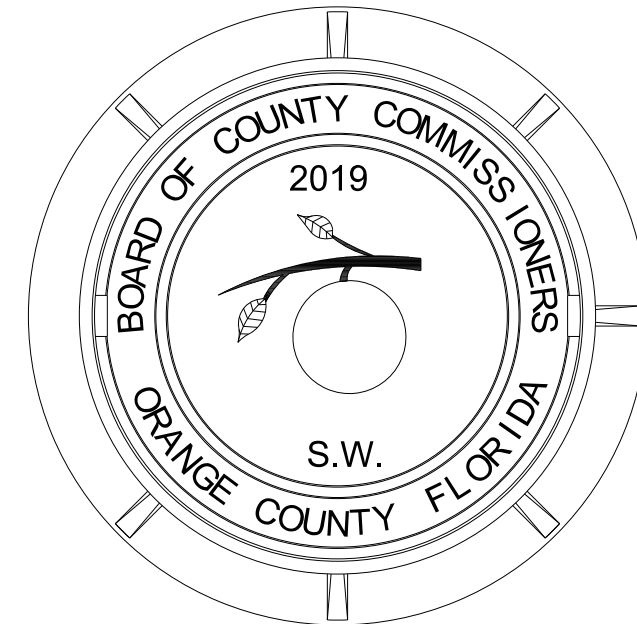
1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH AND CONFORM TO THE MOST STRINGENT REQUIREMENT OF THE PROJECT SPECIFICATIONS, THE LATEST EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2018-19 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION, FLORIDA DEPARTMENT OF TRANSPORTATION, JULY 2018 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND SUPPLEMENTS THERETO, AND ORANGE COUNTY ROAD CONSTRUCTION SPECIFICATIONS.
2. SUBSURFACE INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FOR USE IN ESTABLISHING DESIGN CRITERIA FOR THE PROJECT. THE ACCURACY OF THIS INFORMATION IS NOT GUARANTEED AND IS NOT TO BE CONSTRUED AS PART OF THE PLANS GOVERNING CONSTRUCTION OF THE PROJECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INQUIRE OF THE ENGINEER IF ADDITIONAL INFORMATION IS AVAILABLE, TO MAKE ARRANGEMENTS TO REVIEW SAME PRIOR TO BIDDING, AND TO MAKE HIS OWN DETERMINATION AS TO ALL SUBSURFACE CONDITIONS.
3. ALL PERSONAL PROPERTY, EXCEPT MAIL BOXES, WITHIN THE RIGHT-OF-WAY NOT RELOCATED BY THE PROPERTY OWNER SHALL BE REMOVED BY THE CONTRACTOR AS NECESSARY TO CONSTRUCT THE PROJECT IN ACCORDANCE WITH THE PLANS. MAIL BOXES SHALL BE RELOCATED BY THE CONTRACTOR IN ACCORDANCE WITH F.D.O.T. STANDARD PLANS 110-200.
4. THE DISPOSAL OF EXCESS EARTHWORK MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. APPROVALS OF DISPOSAL SITES SHALL BE OBTAINED FROM ORANGE COUNTY PRIOR TO DISPOSAL. ALL EXCESS MATERIAL IS THE PROPERTY OF THE CONTRACTOR.
5. SOD IN DISTURBED AREAS SHALL MATCH EXISTING TYPE SOD, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
6. INSTALL A 4" MUCK BLANKET OR TOPSOIL TREATMENT ON ALL PERMANENT GRASS AREAS. COST TO BE INCLUDED IN CONTRACT UNIT PRICE FOR SOD.
7. ALL PAVEMENT OFFSETS SHOWN ARE TO PROPOSED CENTERLINE OF CONSTRUCTION; ALL RADII AND DIMENSIONS ARE TO PROPOSED EDGE OF PAVEMENT.
8. THE CONTRACTOR SHALL PERFORM HIS WORK IN ACCORDANCE WITH REQUIREMENTS OF THE VARIOUS PERMITS INCLUDED IN THE BID SPECIFICATIONS. PAYMENT IS INCLUDED IN THE UNIT PRICES STATED ON THE SUMMARY OF PAY ITEMS; EXCLUDING ITEMS SPECIFIED ELSEWHERE. ENVIRONMENTAL CONTROLS SHALL BE USED AT LOCATIONS DESIGNATED IN THE PLANS AND/OR DESIGNATED BY THE ENGINEER.
9. THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS BASED ON AVAILABLE RECORDS AND SURVEYS BUT IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR SHALL MAKE HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO AND IS RESPONSIBLE FOR COORDINATING UTILITY RELOCATION WITH PROJECT CONSTRUCTION. PRIOR TO ORDERING DRAINAGE STRUCTURES, THE CONTRACTOR SHALL DETERMINE IF DRAINAGE/UTILITY CONFLICTS EXIST. INFORMATION ON CONFLICTS IS TO BE SUBMITTED TO THE ENGINEER AS SOON AS POSSIBLE AFTER DISCOVERY FOR RESOLUTION.
10. PRIOR TO COMMENCEMENT OF WORK CONTRACTOR SHALL CALL SUNSHINE ONE 48 HOURS IN ADVANCE OF PERFORMING ANY UTILITY ADJUSTMENTS OR RELOCATIONS. SUNSHINE ONE PHONE NUMBER IS 1-800-432-4770.
11. UTILITIES ARE TO BE ADJUSTED BY OTHERS OR AS DIRECTED BY THE ENGINEER.
12. THE CONTRACTOR SHALL NOTIFY ALL GAS UTILITY COMPANIES A MINIMUM OF TWO WORKING DAYS PRIOR TO EXCAVATION AS REQUIRED BY CHAPTER 553 AND/OR 556 OF THE FLORIDA STATUTES.
13. ALL DRAINAGE PIPES SHALL BE STEEL REINFORCED CONCRETE PIPE, CLASS III, UNLESS OTHERWISE NOTED.
14. MEASUREMENT OF DRAINAGE PIPE FOR PAYMENT SHALL BE DETERMINED FROM ACTUAL LENGTHS INSTALLED.
15. ALL MANHOLE COVERS SHALL INCLUDE THE ORANGE COUNTY LOGO AND BE IDENTIFIED AS "ORANGE COUNTY SANITARY", "ORANGE COUNTY STORM", OR "ORANGE COUNTY WATER", AS APPROPRIATE. (SEE DETAIL)
16. ALL INLET/MANHOLE - PIPE JOINTS SHALL BE FILLED WITH NON-SHRINK GROUT, COVERED WITH AN ASPHALT MASTIC COATING, AND WRAPPED WITH A FILTER FABRIC MATERIAL PER SECTION 13.07 OF THE ORANGE COUNTY ROAD CONSTRUCTION SPECIFICATIONS. ALL PIPE JOINTS IN THIS PROJECT SHALL BE WRAPPED PER FDOT STANDARD PLANS INDEX No. 430 001 OR AS DIRECTED BY THE ENGINEER COST TO BE INCLUDED IN THE COST OF THE PIPE CULVERT.
17. ALL CURB INLETS, DITCH BOTTOM INLETS, AND MANHOLES SHALL HAVE TRAFFIC BEARING FRAMES AND COVERS OR GRATES MEETING HS-20 LOADING REQUIREMENTS.
18. ALL EXISTING DRAINAGE STRUCTURES AND PIPES IF ABANDONED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE REMOVED, UNLESS OTHERWISE SHOWN IN THE PLANS OR DIRECTED BY THE ENGINEER.
19. DESIGN CHANGES OF PIPE INVERTS NOT EXCEEDING PLUS OR MINUS ONE FOOT WILL NOT BE CONSIDERED AS A BASIS FOR ADDITIONAL COMPENSATION FOR THE PERTINENT PIPE BID ITEM OR FOR MODIFICATION OF PRECAST STRUCTURES.
20. ALL (P.R.M.'s) IRONS AND MONUMENTS SHOWN ON PLANS, OR FOUND, SHALL BE PRESERVED. THOSE SHOWN IN PROPOSED PAVEMENT SHALL BE PROTECTED WITH A CAST IRON VALVE BOX.
21. ANY U.S.C. AND G.S. MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF IN DANGER OF DAMAGE, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, ORANGE COUNTY SURVEY SECTION 407-836-7940 AND BOTH SHALL NOTIFY: STATE GEODETIC ADVISOR
3900 COMMONWEALTH BOULEVARD, SUITE 309,
TALLAHASSEE, FL
850-245-2606
22. PUBLIC LAND CORNERS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED OR DISTURBED, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND THE COUNTY SURVEYOR, WITHOUT DELAY, BY TELEPHONE 407-836-7940). THE CONTRACTOR SHALL PROVIDE WRITTEN FOLLOW UP CONFIRMATION WITHIN 48 HOURS OF TELEPHONE NOTIFICATION.
23. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO ORANGE COUNTY HIGHWAY CONSTRUCTION DEPARTMENT A SET OF FIELD NOTES VERIFYING THE BENCHMARK ELEVATIONS AND THE REFERENCE POINT TIES SHOWN ON THE TITLE SHEET AND PLAN AND PROFILE SHEETS, AND/OR A SET OF FIELD NOTES FOR ALL ADDITIONAL BENCHMARK AND REFERENCE POINT TIES PROPOSED TO BE USED IN CONSTRUCTING THE PROJECT WITH THEIR LOCATION, DESCRIPTION AND ELEVATION, BASED ON ORANGE COUNTY DATUM. ALL SUBMITTALS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA.
24. TO MEET ADA REQUIREMENTS, ALL SIDEWALK CONSTRUCTION SHALL COMPLY WITH THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION.
25. FOR PEDESTRIAN CURB CUT RAMPS DETAILS, REFER TO FDOT STANDARD INDEX 522-002 NOMENCLATURE SHOW IN THE PLANS REFERS TO THE RAMP TYPES IDENTIFIED IN INDEX 522-002.
26. THE CONTRACTOR SHALL RELOCATE EXISTING TRAFFIC SIGNS AS REQUIRED DURING CONSTRUCTION. SIGNS, WHICH ARE DAMAGED DURING CONSTRUCTION, SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE COUNTY. THE CONTRACTOR SHALL REMOVE AND STORE EXISTING TRAFFIC SIGNS THAT ARE NOT USED DURING CONSTRUCTION. THE CONTRACTOR SHALL RE-INSTALL THE STORED SIGNS AS SHOWN ON THE SIGNING PLANS OR AS DIRECTED BY THE ENGINEER. SIGNS NO TO BE RE-INSTALLED SHALL BE DELIVERED TO ORANGE COUNTY'S TRAFFIC SIGN SHOP. DAMAGED SIGNS SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO ORANGE COUNTY. COST OF RELOCATION, MAINTENANCE, REMOVAL AND LEFTOVER SHALL BE INCLUDED IN THE UNIT PRICES STATED ON THE SUMMARY OF PAY ITEMS.
27. ALL EXCAVATIONS SHALL BE REQUIRED TO CONFORM TO THE PROVISIONS OF PART IV OF CHAPTER 553.60, F.S., ALSO KNOWN AS THE "TRENCH SAFETY ACT". TO PROTECT EXISTING PAVEMENT, STRUCTURES, FOUNDATIONS, AND CONSTRUCTION PERSONNEL DURING CONSTRUCTION OF THE PROJECT.
28. CONTRACTOR IS TO MAINTAIN UNINTERRUPTED ACCESS TO ALL DRIVEWAYS AND SIDE STREETS AT ALL TIMES AND IS TO NOTIFY PROPERTY OWNERS FIVE DAYS PRIOR TO START OF CONSTRUCTION.
29. THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING PAVEMENT ELEVATIONS OF ALL DRIVEWAYS AND SIDEWALKS TO MATCH THE PROPOSED PAVEMENT TO THE EXISTING.
30. ALL PRIVATE AND PUBLIC PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAT THE CONDITION EXISTING. COST TO BE INCIDENTAL TO OTHER CONSTRUCTION AND NO EXTRA COMPENSATION WILL BE ALLOWED.
31. ALL CONCRETE SHALL BE MIN. OF 3,000 PSI.
32. NOTIFY THE ORANGE COUNTY TRAFFIC ENGINEERING OFFICE 48 HOUR ADVANCE NOTICE PRIOR TO STARTING WORK.
33. MAINTENANCE OF TRAFFIC WHILE WORKING WITHIN THE RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE F.D.O.T. ROADWAY STANDARD PLANS 102-600 SERIES.
34. ANY DAMAGE CAUSED WITHIN RIGHT-OF-WAY OR FACILITIES DUE TO CONSTRUCTION ASSOCIATED WITH THIS PROJECT SHALL BE REPAIRED BY CONTRACTOR.
35. EXISTING UTILITIES ARE TO REMAIN UNLESS THEY ARE NOTED OTHERWISE IN THE UTILITY ADJUSTMENT SHEETS.
36. ALL SEDIMENT CONTROL DEVICES SHALL BE USED IN ACCORDANCE WITH THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL MANUAL.
37. CONSTRUCTION PLANS STATION/OFFSETS FOR JOHN YOUNG PARKWAY AT CONROY RD./ AMERICANA BLVD. ARE BASED ON THE \mathcal{B} OF SURVEY JOHN YOUNG PARKWAY (JYP) AND/OR \mathcal{B} OF SURVEY AMERICANA BLVD.
38. CONSTRUCTION PLANS STATION/OFFSETS FOR TEXAS AVE. ARE BASED ON THE \mathcal{C} OF CONST. TEXAS AVENUE, \mathcal{C} OF CONST. OF RIO GRANDE AND/OR \mathcal{C} OF CONST. 43RD STREET.

CAUTION:
CHAPTERS 553 and /OR 556 OF THE FLORIDA STATUTES REQUIRES THAT AN EXCAVATOR NOTIFY ALL GAS UTILITIES A MINIMUM OF TWO WORKING DAYS PRIOR TO EXCAVATING. MAPS SHOW ONLY THE APPROXIMATE LOCATION OF GAS MAINS OR SERVICE LINES. THE ONLY SAFE AND PROPER WAY TO LOCATE GAS FACILITIES IS BY AN ON-SITE INSPECTION BY T.E.C.O. GAS SYSTEMS THEREFORE, EXCAVATORS ARE INSTRUCTED TO TELEPHONE US AT 407-425-4661 TWO WORKING DAYS BEFORE DIGGING IN A CONSTRUCTION AREA.

REVISIONS				 DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FL 32814 CERT. OF AUTH.: 2648 JOSEPH C. KUNKEL, P.E. P.E. NO.: 42629	DESIGN PLANS FOR:		SHEET NO. 2
DATE	DESCRIPTION	DATE	DESCRIPTION		INTERSECTION IMPROVEMENTS		
					PROJECT NAME	PROJECT NO.	
					JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722	GENERAL NOTES (1)

**JYP AT CONROY ROAD/AMERICANA BLVD.
& TEXAS AVE. AT RIO GRANDE AVE.**

39. ALL MEASUREMENTS ARE IN ENGLISH UNLESS OTHERWISE SPECIFIED.
40. CONTRACTOR TO COORDINATE WITH UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION ACTIVITY FOR DIG PERMIT, ELECTRICAL PERMITS OR OTHER PERMITS AS APPLICABLE. THE LOCATION OF UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY, THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION. THE CONTRACTOR IS TO COORDINATE FULLY WITH UTILITY COMPANIES ON EXACT LOCATION OF UNDERGROUND UTILITIES AND ANY UTILITY ADJUSTMENTS REQUIRED. UTILITY COMPANIES SHALL BE NOTIFIED A MINIMUM OF THREE WORKING DAYS PRIOR TO ANY EXCAVATION.
41. VIBRATORY COMPACTION IS NOT PERMITTED ALONG TEXAS AVENUE.
42. UTILITY CONTACTS ARE AS FOLLOWS:
- A. CHARTER COMMUNICATIONS
JESUS AYALA
3767 ALL AMERICAN BLVD.
ORLANDO, FL 32810
(407)-532-8694
Jesus.Ayala@charter.com
 - B. CROWN CASTLE
2000 CORPORATE DR.
CANONSBURG, PA 15317
(407) 461-3367
Victor.cortorreal@crowncastle.com
 - C. ORANGE COUNTY UTILITIES
JOSE HERNANDEZ
201 S. ROSALIND AVE.
ORLANDO, FL 32801
(407)-254-9706
Christina.Crosby@ocfl.net
 - D. ORANGE COUNTY PUBLIC WORKS TRAFFIC ENGINEERING
ROGER SMITH
4200 JOHN YOUNG PARKWAY
ORLANDO, FL 32839
(407)-836-7804
Roger.Smith@ocfl.net
 - E. ORLANDO UTILITIES COMMISSION
CHUCK DIGERLANDO
CHRIS FATKIN
6003 PERSHING AVE.
ORLANDO, FL 32822
(407) 434-2568
cdigerlando@ouc.com
 - F. TECO PEOPLES GAS- ORLANDO
SEAN WINSOR
8416 PALM RIVER RD
TAMPA, FL 33619
(407)-420-6663
swinsor@tecoenergy.com
 - G. AT&T DISTRIBUTION
ALAN REYNOLDS
1120 ROGERS CIR.
BOCA RATON, FL 33487
(407) 351-8180
 - H. UNITI FIBER LLC
MICHEL LEE CHAPUSEAUX
107 ST. FRANCIS ST.
SUITE 1800
MOBILE, AL 36602
(352) 256-256-1524
Michel-Lee.Chapuseaux@uniti.com
 - I. MCI
DEAN BOYERS
400 INTERNATIONAL PKWY
RICHARDSON, TX 75081
(469)-886-4238
Dean.Boyers@verizon.com
 - J. CENTURYLINK/ FKA LEVEL 3 COMMUNICATIONS LLC
XAN RYPKEMA
1025 ELDORADO BLVD.
BROOMFIELD, CO 80021
(720)-888-1089
xan.rypkema@centurylink.com



STANDARD MANHOLE COVER

N.T.S.

REVISIONS				ORANGE COUNTY GOVERNMENT FLORIDA	DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FL 32814 CERT. OF AUTH.: 2648 JOSEPH C. KUNKEL, P.E. P.E. NO.: 42629	DESIGN PLANS FOR:		GENERAL NOTES (2)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			INTERSECTION IMPROVEMENTS			
						PROJECT NAME	PROJECT NO.		3
						JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722		

SUMMARY OF PAY ITEMS - JOHN YOUNG PARKWAY

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY.
ROADWAY AND DRAINAGE			
101-1	MOBILIZATION	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
104-14	PREVENTION, CONTROL AND ABATMENT OF EROSION AND WATER POLLUTION	LS	1
110-1-1	CLEARING AND GRUBBING	LS	1
120-9	EXCAVATION, EMBANKMENT, AND GRADING	LS	1
285-713	OPTIONAL BASE GROUP 13 (8") (TYPE B-12.5 ONLY) (BLACK BASE)	SY	271
327-70-6	MILLING EXISTING ASPHALT PAVEMENT (1.5" AVG. DEPTH)	SY	4204
334-2-25	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, SP-12.5, 2.5"	SY	139
337-7-83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22, 1.5"	SY	4343
520-1-10	CONCRETE CURB AND GUTTER, TYPE F	LF	397
520-5-11	TRAFFIC SEPARATOR CONCRETE - TYPE I, OPTION II, 4' WIDE	LF	21
522-1	CONCRETE SIDEWALK, 4" THICK (INCLUDES COMPACTION)	SY	220
527-2	DETECTABLE WARNINGS (ON WALKING SURFACES)	SF	93
570-1-1	PERFORMANCE TURF (MATCHING EXISTING)	SY	129
900-1	AS-BUILT PLANS	LS	1
900-2	INDEMNIFICATION	LS	1
SIGNALIZATION			
603-1	SIGNALIZATION	LS	1

SUMMARY OF PAY ITEMS - JOHN YOUNG PARKWAY

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY.
SIGNING AND PAVEMENT MARKINGS			
700-1-50	SINGLE POST SIGN, RELOCATE	AS	1
706-3A	RETRO-REFLECTIVE PAVEMENT MARKERS, WHITE /RED	EA	50
710-90	PAINTED PAVEMENT MARKINGS (FINAL SURFACE)	LS	1
711-11-123	THERMOPLASTIC, STANDARD, WHITE, 12" FOR CROSSWALK	LF	932
711-11-125	THERMOPLASTIC, STANDARD, WHITE, 24" FOR STOP LINE AND CROSSWALK	LF	1130
711-11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/6-10 EXTENSION LINE, 6"	LF	528
711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROWS	EA	9
711-14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE OR SYMBOL	EA	2
711-14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	2
711-16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	LF	927
711-16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6", 10-30 SKIP OR 3-9 LANE DROP	LF	130
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	LF	230


PAY ITEM NOTES FOR JOHN YOUNG PARKWAY AND TEXAS AVE.:

102 -1 INCLUDES COST OF ALL ITEMS ASSOCIATED WITH PROVIDING AND MAINTAINING THE TEMPORARY TRAFFIC CONTROL PLAN AS SHOWN IN THESE PLANS AND FDOT STANDARD PLANS 102-600.

104 -14 INCLUDES COST OF ALL ITEMS FOR EROSION CONTROL. THIS INCLUDES BUT IS NOT LIMITED TO, SEDIMENT BARRIER, INLET PROTECTION SYSTEMS, TURBIDITY BARRIERS, TEMPORARY GRASSING & DESILTING OF EXISTING DRAINAGE PIPES AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

110-1-1 INCLUDES, BUT IS NOT LIMITED TO, THE COST OF REMOVAL AND DISPOSAL OF CURB, CURB & GUTTER, TRAFFIC SEPARATOR, SIDEWALK, DRIVEWAYS, DRAINAGE STRUCTURES, EXISTING PIPE AND FULL DEPTH ASPHALT AND BASE COURSE. PAY ITEM ALSO ACCOUNTS FOR GROUND SURFACE STRIPPING TO A MINIMUM DEPTH OF ONE FOOT WITHIN ALL PAVEMENT WIDENING AND SOIL GRADING LIMITS.

570-1-1 INCLUDES THE COST OF MOWING, WATERING AND FERTILIZING.

REVISIONS				 ORANGE COUNTY GOVERNMENT DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FL 32814 CERT. OF AUTH.: 2648 JOSEPH C. KUNKEL, P.E. P.E. NO.: 42629	DESIGN PLANS FOR: INTERSECTION IMPROVEMENTS		SUMMARY OF PAY ITEMS AND PAY ITEM NOTES JOHN YOUNG PARKWAY	SHEET NO. 4
DATE	DESCRIPTION	DATE	DESCRIPTION		PROJECT NAME	PROJECT NO.		
				JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722			

SUMMARY OF PAY ITEMS - TEXAS AVENUE

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY.
<i>ROADWAY AND DRAINAGE</i>			
101-1	MOBILIZATION	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
104-14	PREVENTION, CONTROL AND ABATMENT OF EROSION AND WATER POLLUTION	LS	1
110-1-1	CLEARING AND GRUBBING	LS	1
120-9	EXCAVATION, EMBANKMENT, AND GRADING	LS	1
160-4	STABILIZATION, TYPE B, LBR 40 MIN.	SY	286
285-713	OPTIONAL BASE GROUP 13 (8" TYPE B-12.5 ONLY) (BLACK BASE)	SY	309
327-70-6	MILLING EXISTING ASPHALT PAVEMENT (1.5" AVG. DEPTH)	SY	1634
334-2-15	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, SP-12.5, 1.5"	SY	199
337-7-83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22, 1.5"	SY	1833
425-1-325	INLETS, CURB, TYPE P-2, PARTIAL	EA	1
425-1-365	INLETS, CURB, TYPE P-6, PARTIAL	EA	1
520-1-10	CONCRETE CURB AND GUTTER, TYPE F	LF	362
520-5-11	TRAFFIC SEPARATOR CONCRETE - TYPE I, OPTION II, 4' WIDE	LF	197
522-1	CONCRETE SIDEWALK, 4" THICK (INCLUDES COMPACTION)	SY	1139
522-2	CONCRETE SIDEWALK, 6" THICK (INCLUDES COMPACTION)	SY	19
527-2	DETECTABLE WARNINGS (ON WALKING SURFACES)	SF	30
570-1-1	PERFORMANCE TURF (MATCHING EXISTING)	SY	1493
900-1	AS-BUILT PLANS	LS	1
900-2	INDEMNIFICATION	LS	1
<i>SIGNALIZATION</i>			
603-1	SIGNALIZATION	LS	1

SUMMARY OF PAY ITEMS - TEXAS AVENUE

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY.
<i>SIGNING AND PAVEMENT MARKINGS</i>			
700-1-11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	2
700-1-50	SINGLE POST SIGN, RELOCATE	AS	4
700-1-60	SINGLE POST SIGN, REMOVE	AS	2
706-3A	RETRO-REFLECTIVE PAVEMENT MARKERS, WHITE / RED	EA	10
706-3B	RETRO-REFLECTIVE PAVEMENT MARKERS, YELLOW / YELLOW	EA	38
710-90	PAINTED PAVEMENT MARKINGS (FINAL SURFACE)	LS	1
711-11-123	THERMOPLASTIC, STANDARD, WHITE, 12" FOR CROSSWALK	LF	238
711-11-125	THERMOPLASTIC, STANDARD, WHITE, 24" FOR STOP LINE AND CROSSWALK	LF	288
711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROWS	EA	6
711-11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	32
711-11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 EXTENSION LINE, 6"	LF	72
711-16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	LF	819
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	LF	812

PAY ITEM NOTES FOR TEXAS AVE.:

102 -1 INCLUDES COST OF ALL ITEMS ASSOCIATED WITH PROVIDING AND MAINTAINING THE TEMPORARY TRAFFIC CONTROL PLAN AS SHOWN IN THESE PLANS AND FDOT STANDARD PLANS 102-600.

425-1365 CONTRACTOR MUST USE STEEL INLET GRATES. CONTRACTOR MUST COORDINATE WITH ORANGE COUNTY ROADS & DRAINAGE DIVISION, PUBLIC WORK DEPARTMENT WHEN THE INLET CONSTRUCTION IS COMPLETE FOR THE INLET TO BE SCHEDULED FOR ANNUAL MAINTENANCE.

522-1 INCLUDES THE COST OF SIDEWALK CURB AT BACK OF SIDEWALK.

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION



DRMP, INC.
941 LAKE BALDWIN LANE
ORLANDO, FL 32814
CERT. OF AUTH.: 2648
JOSEPH C. KUNKEL, P.E.
P.E. NO.: 42629

DESIGN PLANS FOR:

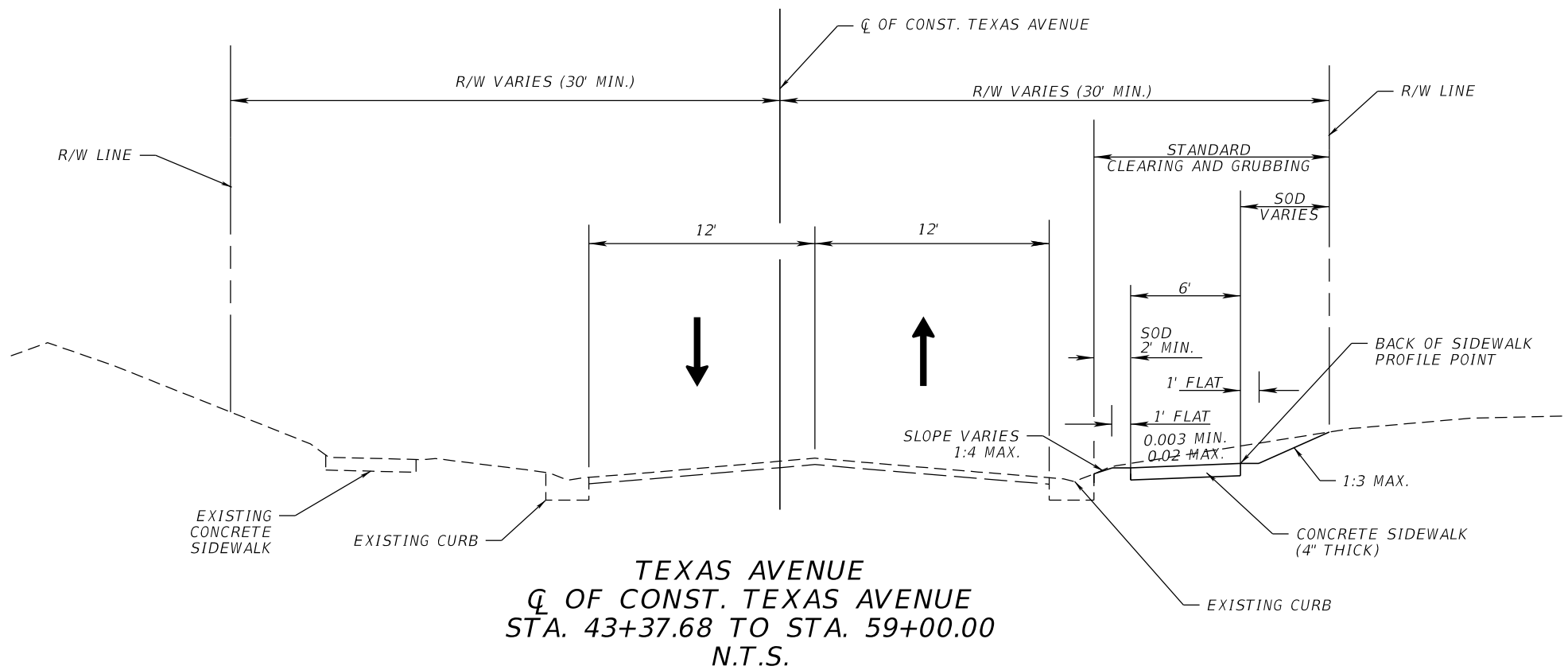
INTERSECTION IMPROVEMENTS

PROJECT NAME	PROJECT NO.
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722

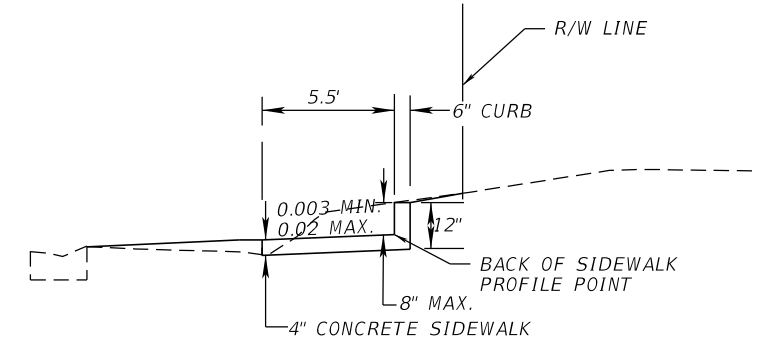
**SUMMARY OF PAY ITEMS
AND PAY ITEM NOTES
TEXAS AVE.**

SHEET NO.

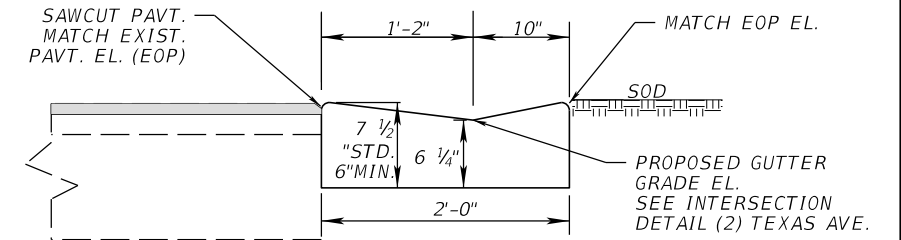
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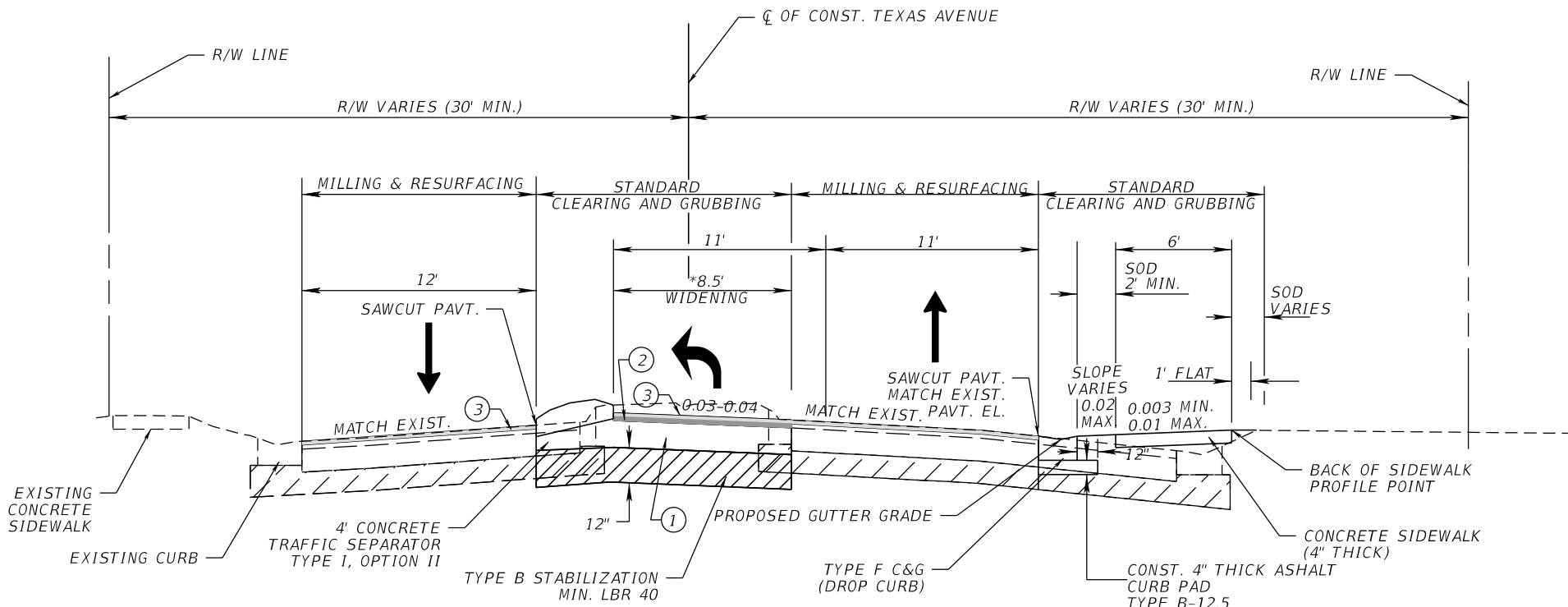
TEXAS AVENUE
Q OF CONST. TEXAS AVENUE
STA. 43+37.68 TO STA. 59+00.00
N.T.S.



DETAIL OF SIDEWALK CURB
STA. 48+89.88 TO STA. 49+40.71 RT.



STANDARD CONCRETE CURB AND GUTTER
TYPE 'F' (DROP CURB)
N.T.S.
FDOT STANDARD PLANS. INDEX NO. 520-001



TEXAS AVENUE AT RIO GRANDE AVENUE
Q OF CONST. TEXAS AVENUE STA. 59+00.00
TO Q OF CONST. 43RD STREET STA. 70+10.00
N.T.S.

TRAFFIC DATA
TEXAS AVE.

CURRENT YEAR = 2017 AADT = 12,925
 K = 8.4% D = 5.6% PHV = 1,083
 DESIGN SPEED = 35 MPH
 POSTED SPEED = 30 MPH

- MILLING**
 MILL EXIST. ASPHALT PAVEMENT FOR DEPTH (1 1/2")
- RESURFACING**
- ③ FRICTION COURSE FC-12.5 (1 1/2") (PG 76-22)
- WIDENING**
- ① OPTIONAL BASE GROUP 13 (8" TYPE B-12.5 ONLY) (BLACK BASE) WITH
 - ② TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2") (SP-12.5)
 - ③ AND FRICTION COURSE FC-12.5 (1 1/2") (PG 76-22)

* ACTUAL WIDTH OF WIDENING MAY VARY DUE TO EXISTING PAVEMENT WIDTH. A UNIFORM WIDTH BASE WIDENING STRIP MAY BE CONSTRUCTED AT NO ADDITIONAL COMPENSATION.

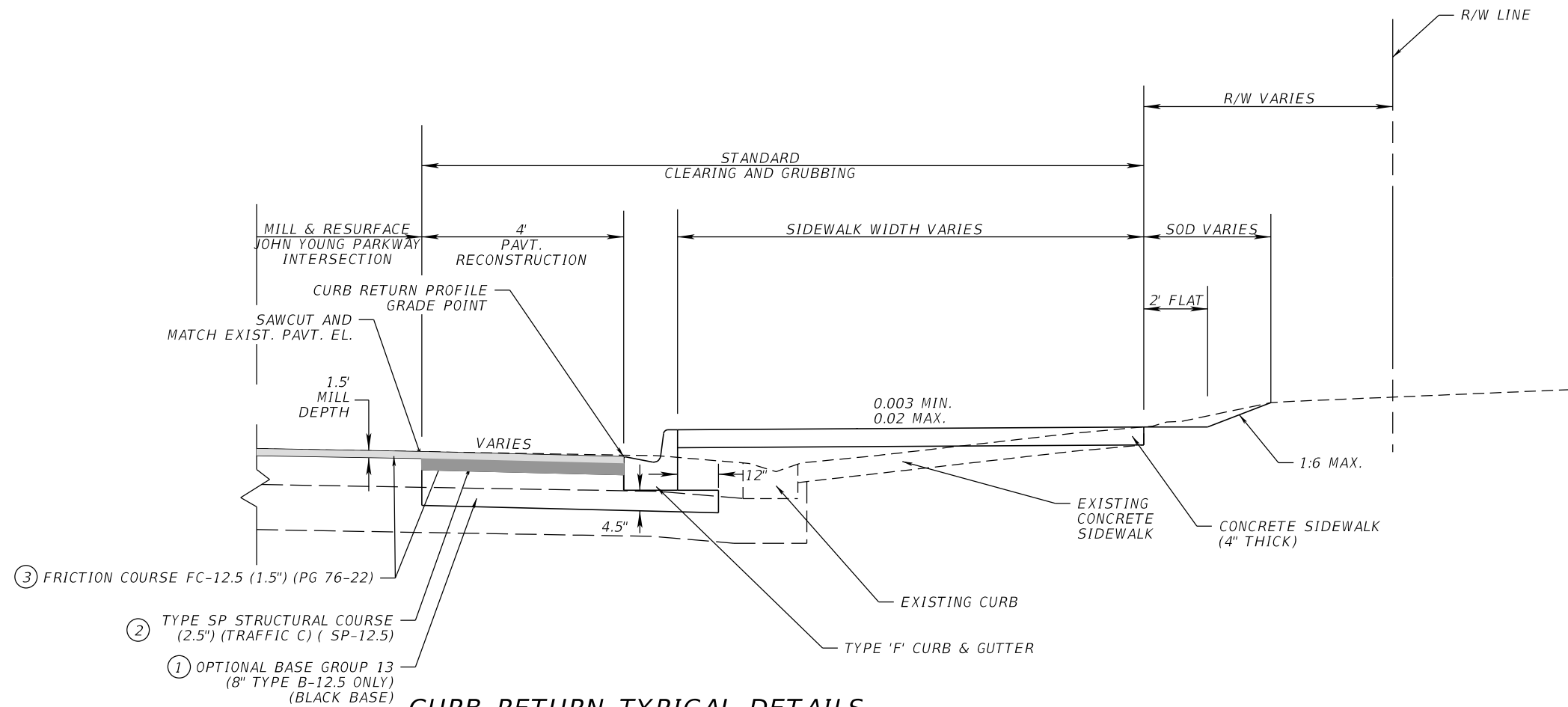
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
 JOSEPH C. KUNKEL, P.E.
 P.E. NO.: 42629

DESIGN PLANS FOR:	
INTERSECTION IMPROVEMENTS	
PROJECT NAME	PROJECT NO.
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722

TYPICAL SECTION
TEXAS AVE.

SHEET NO. 6



- ③ FRICTION COURSE FC-12.5 (1.5") (PG 76-22)
- ② TYPE SP STRUCTURAL COURSE (2.5") (TRAFFIC C) (SP-12.5)
- ① OPTIONAL BASE GROUP 13 (8" TYPE B-12.5 ONLY) (BLACK BASE)

**CURB RETURN TYPICAL DETAILS
JOHN YOUNG PARKWAY AT
CONROY RD. /AMERICANA BLVD.
NW, NE, AND SE QUADRANTS
N.T.S.**

MILLING

MILL EXIST. ASPHALT
PAVEMENT FOR DEPTH (1 1/2")

RESURFACING

- ③ FRICTION COURSE FC-12.5 (1 1/2") (PG 76-22)

RECONSTRUCTION


- ① OPTIONAL BASE GROUP 13 (8" TYPE B-12.5 ONLY) (BLACK BASE) WITH
- ② TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2 1/2") (SP-12.5)
- ③ AND FRICTION COURSE FC-12.5 (1 1/2") (PG 76-22)

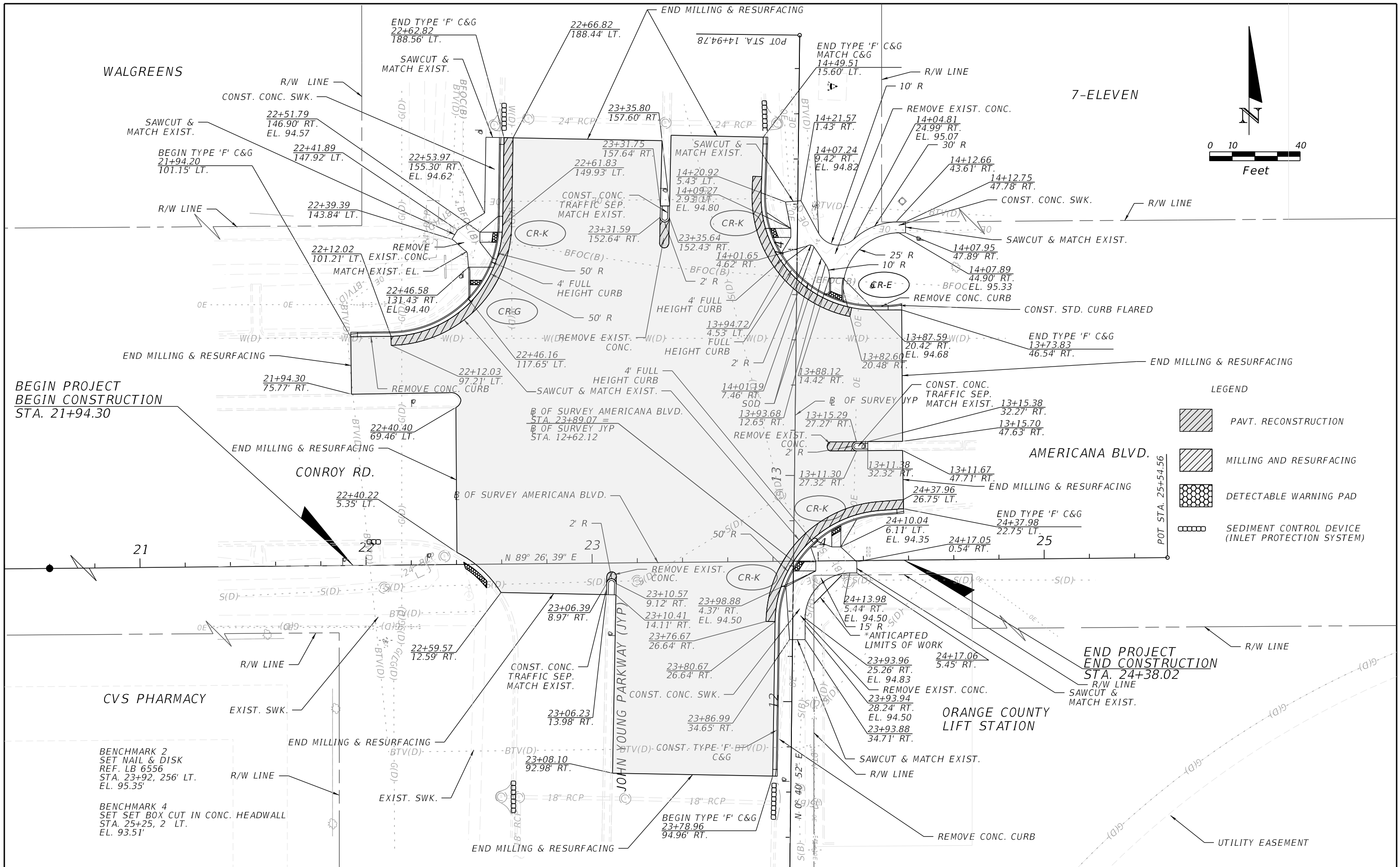
**TRAFFIC DATA
JOHN YOUNG PARKWAY**

CURRENT YEAR = 2017 AADT = 63,198
K = 7.2% D = 5.2% PHV = 4,696
DESIGN SPEED = 50 MPH
POSTED SPEED = 45 MPH

REVISIONS				ORANGE COUNTY GOVERNMENT FLORIDA	DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FL 32814 CERT. OF AUTH.: 2648 JOSEPH C. KUNKEL, P.E. P.E. NO.: 42629	DESIGN PLANS FOR:		TYPICAL SECTION DETAILS JOHN YOUNG PARKWAY	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			INTERSECTION IMPROVEMENTS			
									PROJECT NAME
						JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722		

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL				CURB INLETS		REMARKS
						ROUND				P-6	P-2	
						15"	24"	36"		PARTIAL	PARTIAL	
P	S-1	60+94.83	RT.	Inlet Top	1					1		TEXAS AVE.
F												
P	S-10	101+47.53	RT.	Inlet Top	1						1	RIO GRANDE AVE.
F												
P												
F												
P												
F												
				PLAN QUANTITY		0	0	0	0	1	1	
				FINAL QUANTITY								
				PROJECT TOTALS		0	0	0	0	1	1	
				FINAL QUANTITY								

REVISIONS				 ORANGE COUNTY GOVERNMENT <small>FLORIDA</small>	DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FL 32814 CERT. OF AUTH.: 2648 JOSEPH C. KUNKEL, P.E. P.E. NO.: 42629	DESIGN PLANS FOR:		<i>SUMMARY OF DRAINAGE STRUCTURES TEXAS AVE.</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			INTERSECTION IMPROVEMENTS			PROJECT NO.
						PROJECT NAME	CIP-2722		
						JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.			



- LEGEND
- PAVT. RECONSTRUCTION
 - MILLING AND RESURFACING
 - DETECTABLE WARNING PAD
 - SEDIMENT CONTROL DEVICE (INLET PROTECTION SYSTEM)

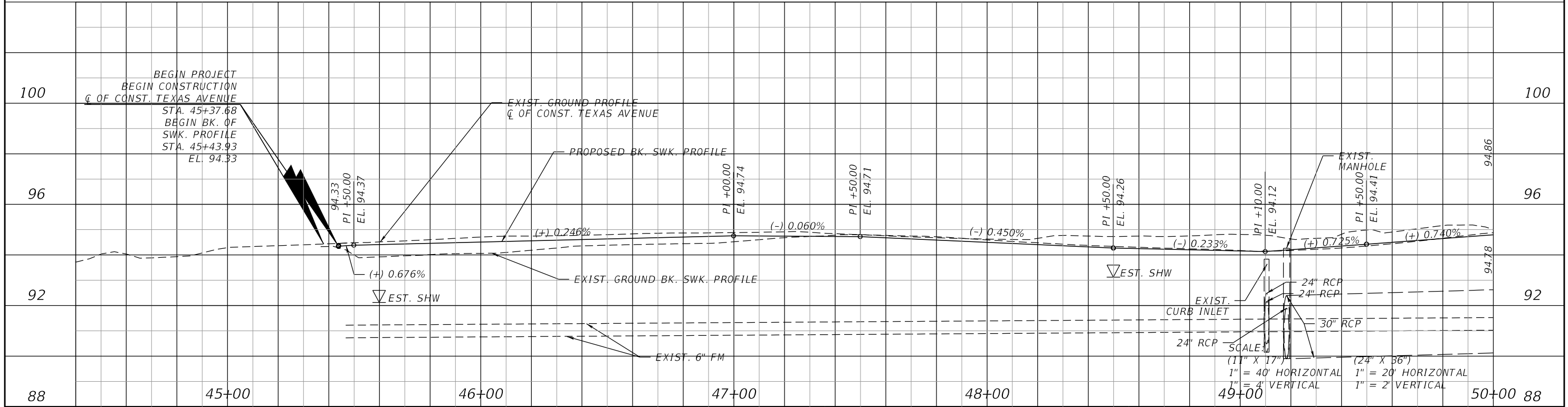
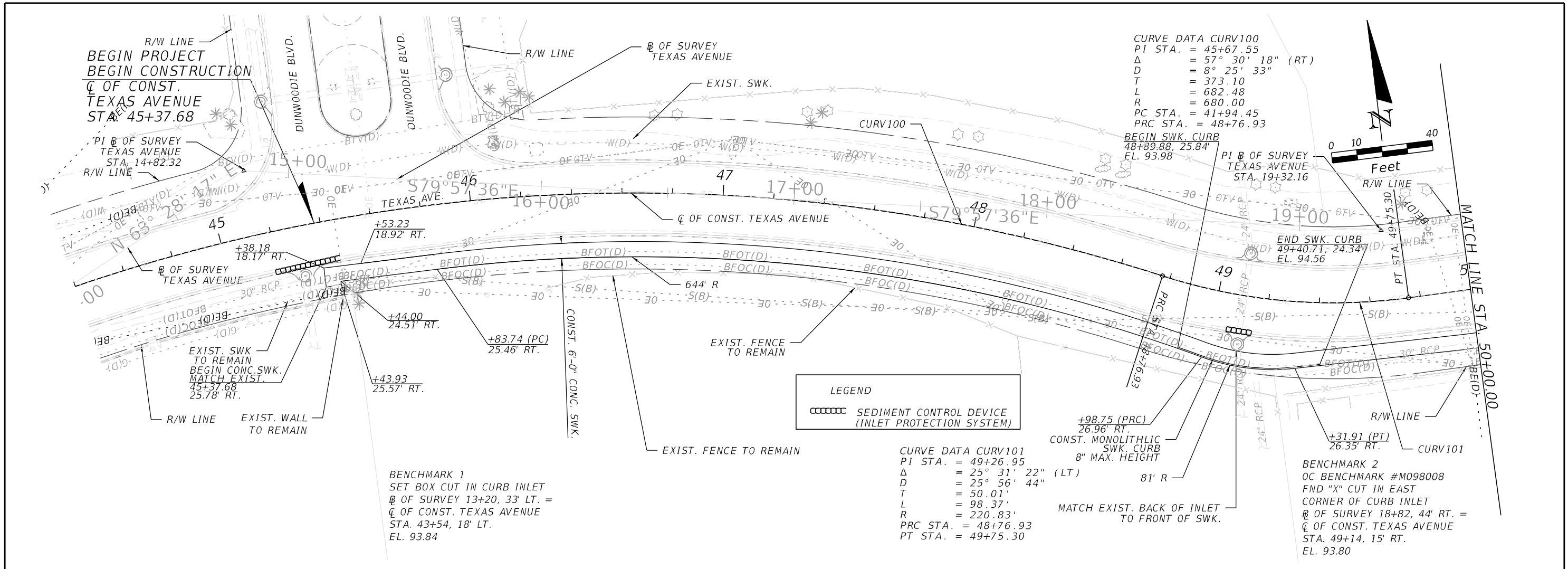
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
 JOSEPH C. KUNKEL, P.E.
 P.E. NO.: 42629

DESIGN PLANS FOR:	
INTERSECTION IMPROVEMENTS	
PROJECT NAME	PROJECT NO.
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722

ROADWAY PLAN
JOHN YOUNG PARKWAY

SHEET NO.
9



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
 JOSEPH C. KUNKEL, P.E.
 P.E. NO.: 42629

DESIGN PLANS FOR:

INTERSECTION IMPROVEMENTS

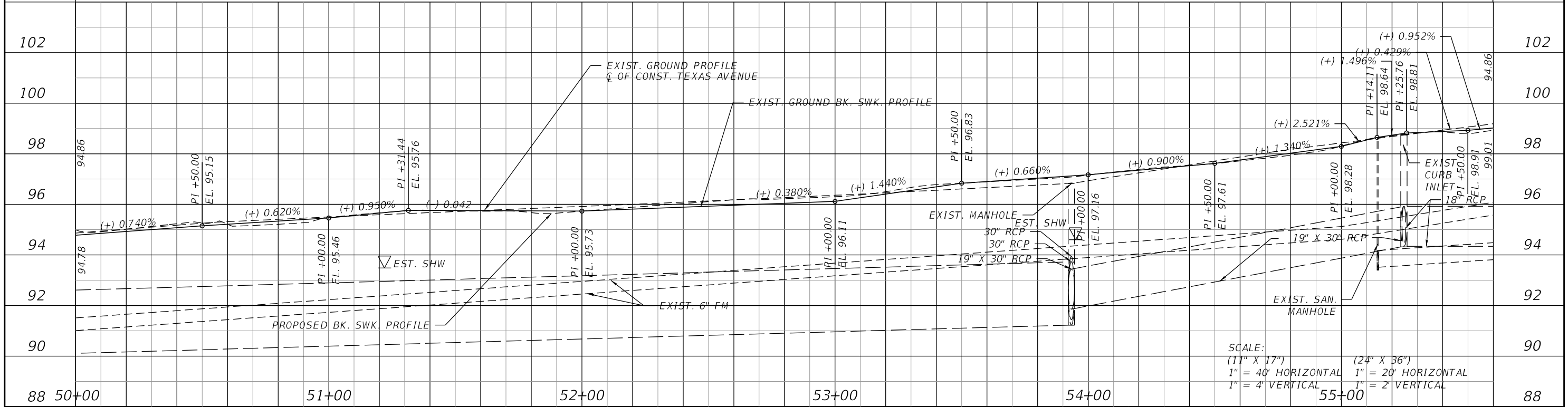
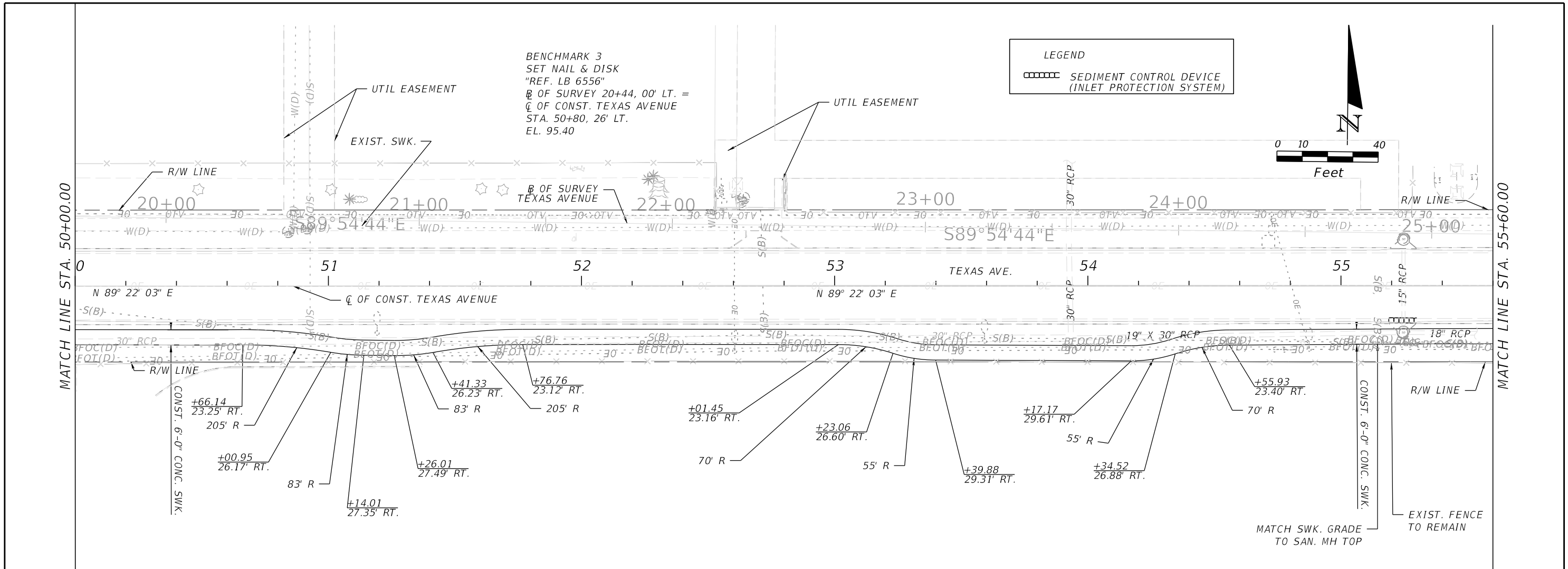
PROJECT NAME	PROJECT NO.
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722

ROADWAY PLAN & PROFILE (1)

TEXAS AVE.

SHEET NO.

10



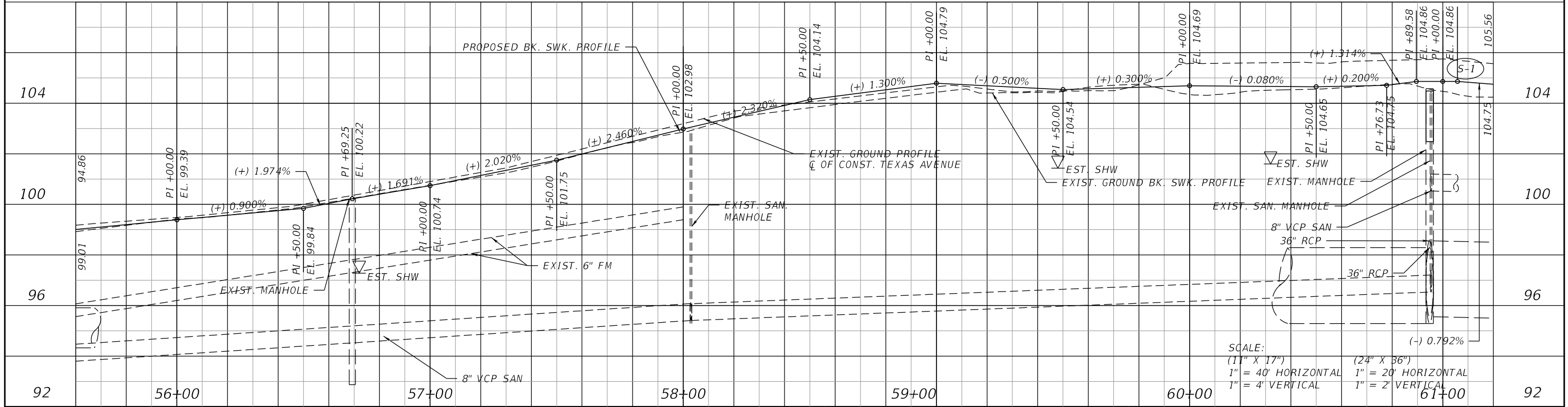
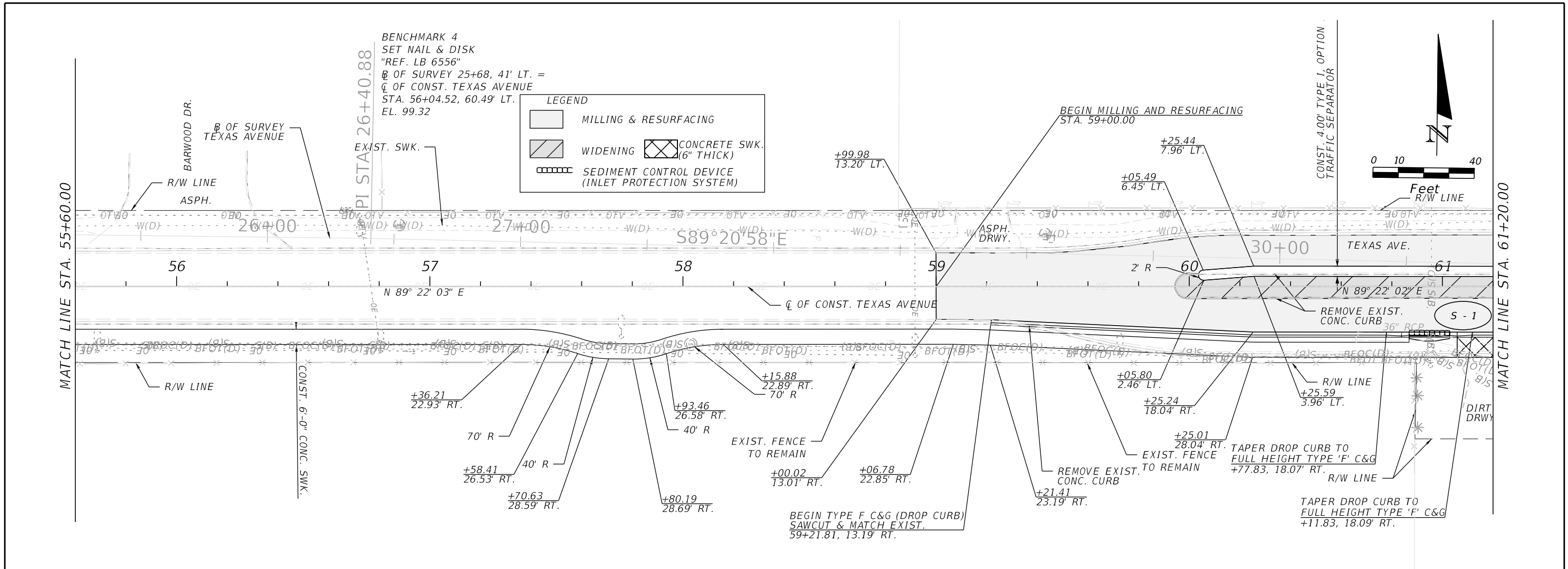
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
 JOSEPH C. KUNKEL, P.E.
 P.E. NO.: 42629

DESIGN PLANS FOR:	
INTERSECTION IMPROVEMENTS	
PROJECT NAME	PROJECT NO.
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722

ROADWAY PLAN & PROFILE (2)
TEXAS AVE.

SHEET NO.
11



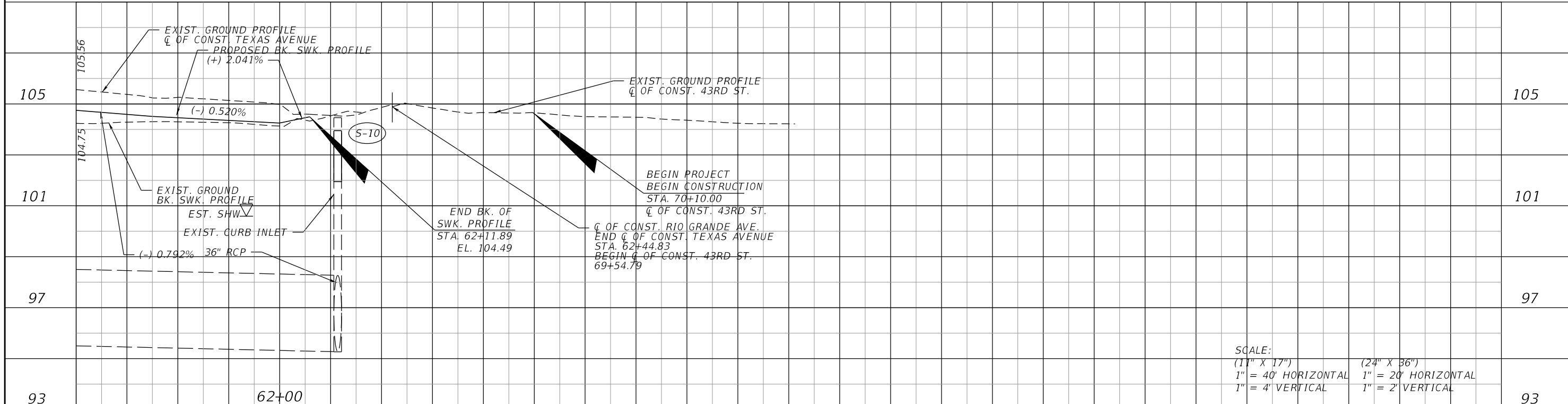
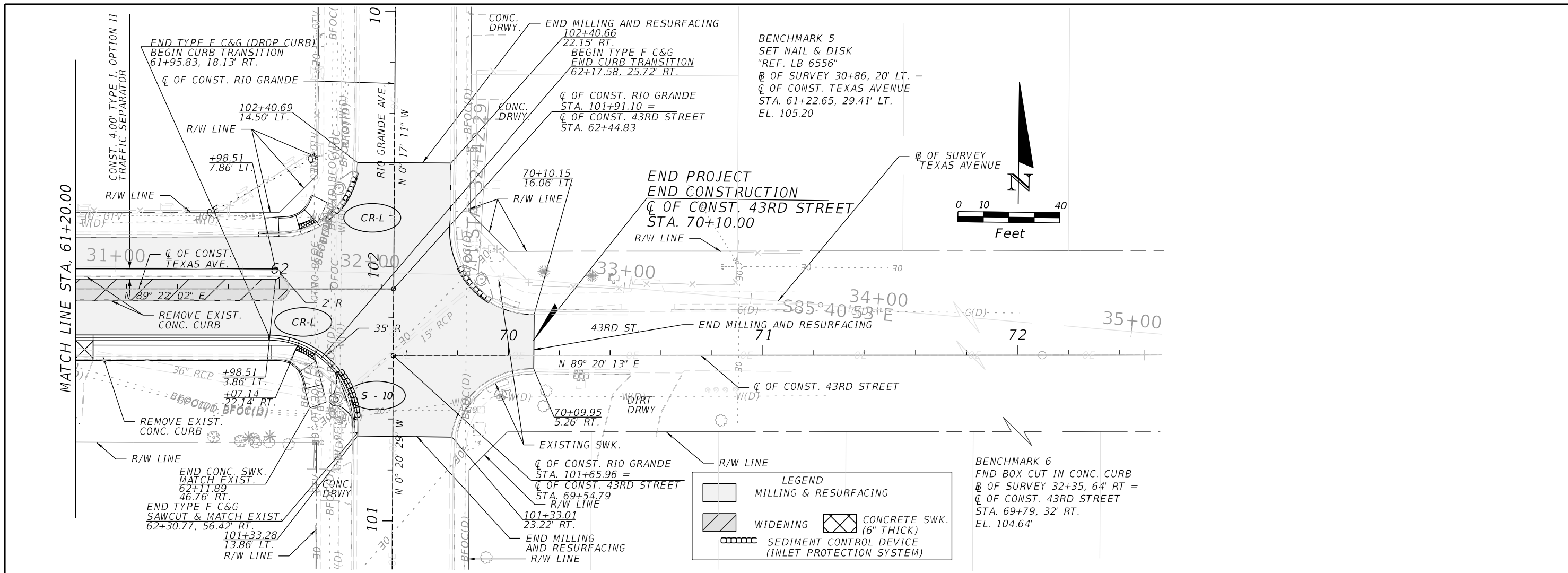
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
 JOSEPH C. KUNKEL, P.E.
 P.E. NO.: 42629

DESIGN PLANS FOR:	
INTERSECTION IMPROVEMENTS	
PROJECT NAME	PROJECT NO.
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722

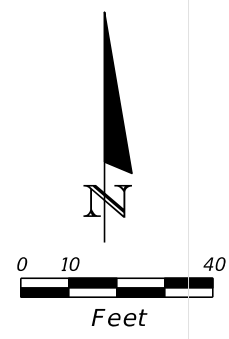
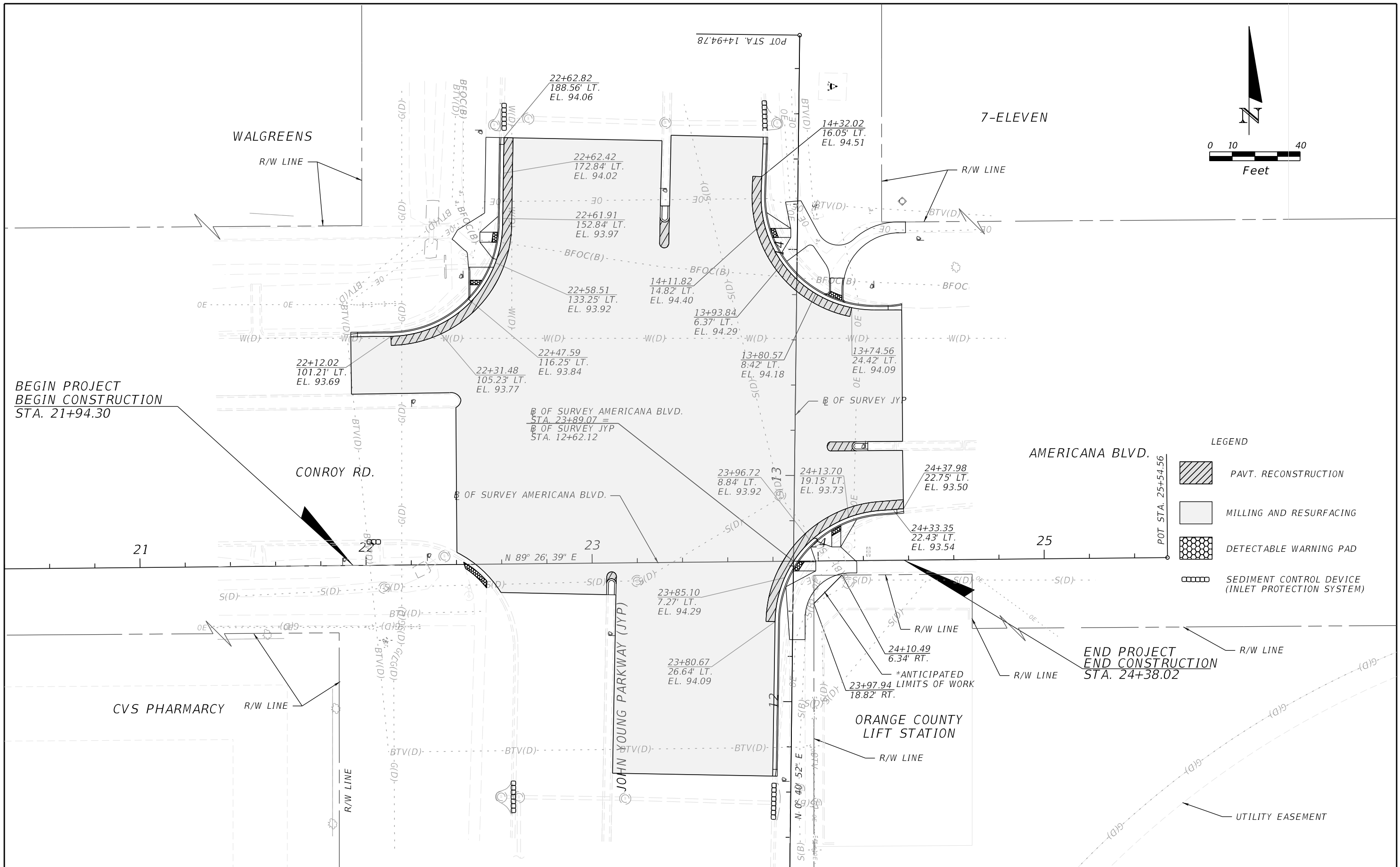
ROADWAY PLAN & PROFILE (3)
TEXAS AVE.





SHEET NO.
12



SCALE:
 (11" X 17") 1" = 40' HORIZONTAL 1" = 4' VERTICAL
 (24" X 36") 1" = 20' HORIZONTAL 1" = 2' VERTICAL

REVISIONS				ORANGE COUNTY GOVERNMENT FLORIDA	DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FL 32814 CERT. OF AUTH.: 2648 JOSEPH C. KUNKEL, P.E. P.E. NO.: 42629	DESIGN PLANS FOR:		ROADWAY PLAN & PROFILE (4) TEXAS AVE.	SHEET NO. 13
DATE	DESCRIPTION	DATE	DESCRIPTION			PROJECT NAME	PROJECT NO.		
						JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722		



- LEGEND**
-  PAVT. RECONSTRUCTION
 -  MILLING AND RESURFACING
 -  DETECTABLE WARNING PAD
 -  SEDIMENT CONTROL DEVICE (INLET PROTECTION SYSTEM)

BEGIN PROJECT
BEGIN CONSTRUCTION
STA. 21+94.30

END PROJECT
END CONSTRUCTION
STA. 24+38.02

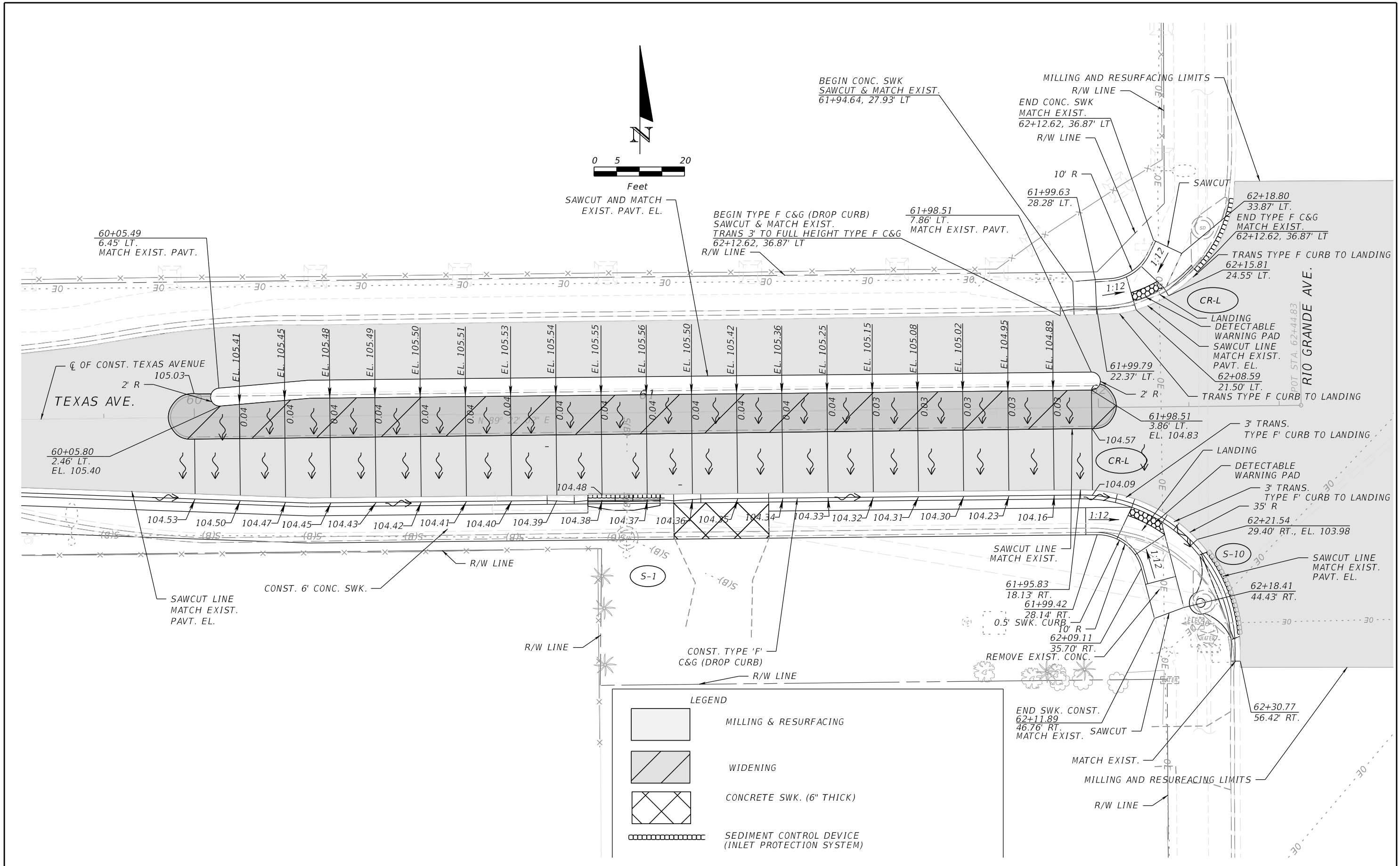
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
 JOSEPH C. KUNKEL, P.E.
 P.E. NO.: 42629

DESIGN PLANS FOR: INTERSECTION IMPROVEMENTS	
PROJECT NAME	PROJECT NO.
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722

INTERSECTION DETAIL
JOHN YOUNG PARKWAY

SHEET NO.
14



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

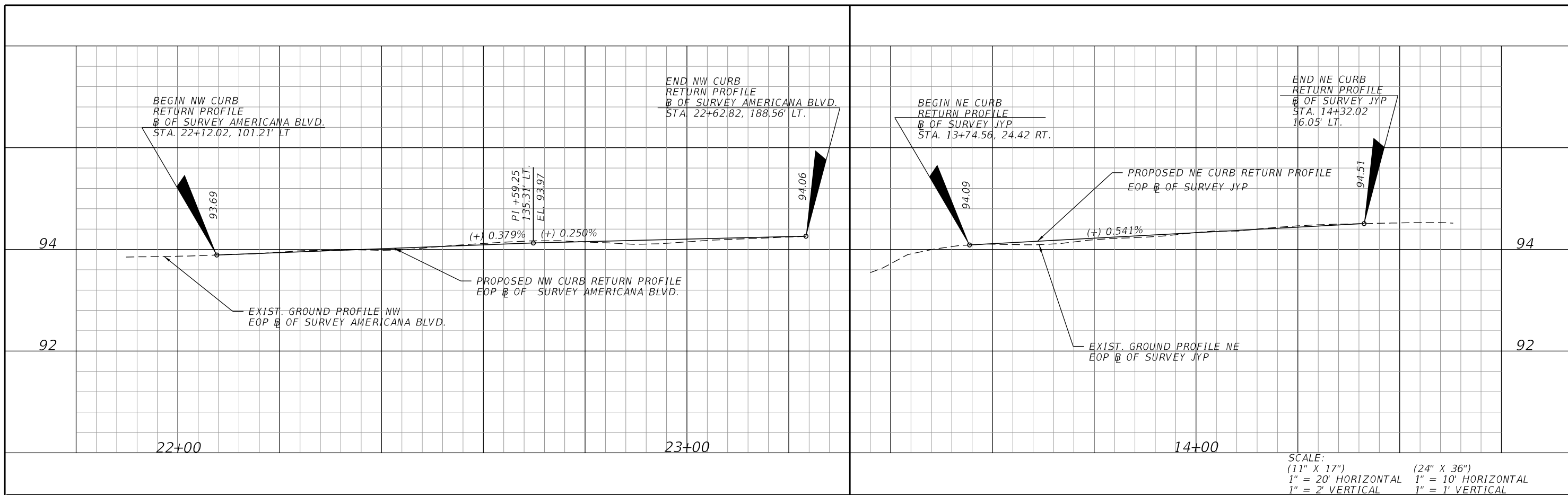
ORANGE COUNTY GOVERNMENT FLORIDA

DRMP, INC.
941 LAKE BALDWIN LANE
ORLANDO, FL 32814
CERT. OF AUTH.: 2648
JOSEPH C. KUNKEL, P.E.
P.E. NO.: 42629

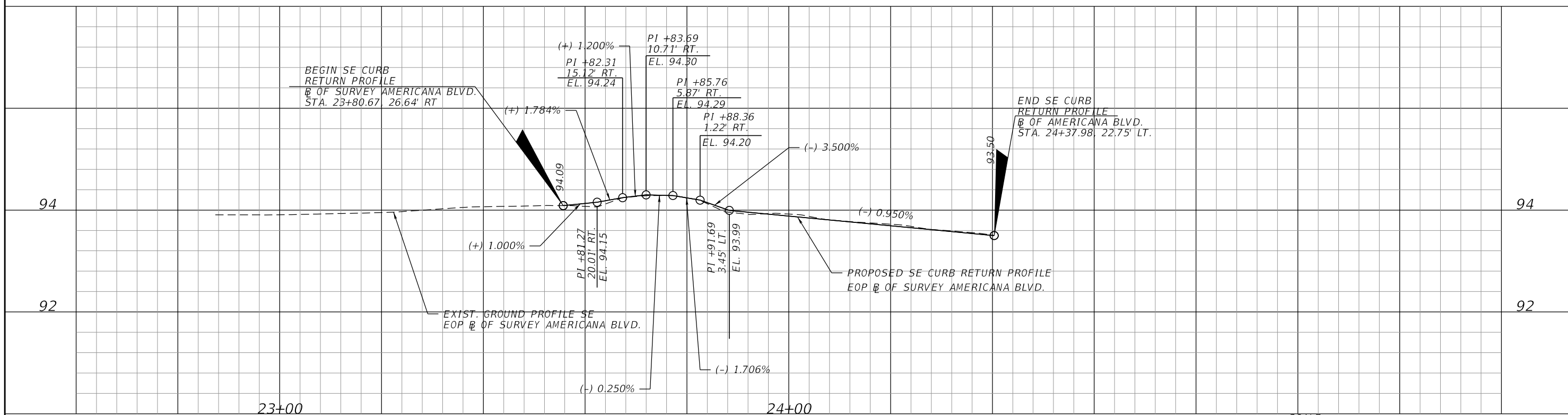
DESIGN PLANS FOR: INTERSECTION IMPROVEMENTS	
PROJECT NAME	PROJECT NO.
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722

INTERSECTION DETAIL
TEXAS AVE.

SHEET NO.
15



SCALE:
 (11" X 17") (24" X 36")
 1" = 20' HORIZONTAL 1" = 10' HORIZONTAL
 1" = 2' VERTICAL 1" = 1' VERTICAL



SCALE:
 (11" X 17") (24" X 36")
 1" = 20' HORIZONTAL 1" = 10' HORIZONTAL
 1" = 2' VERTICAL 1" = 1' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

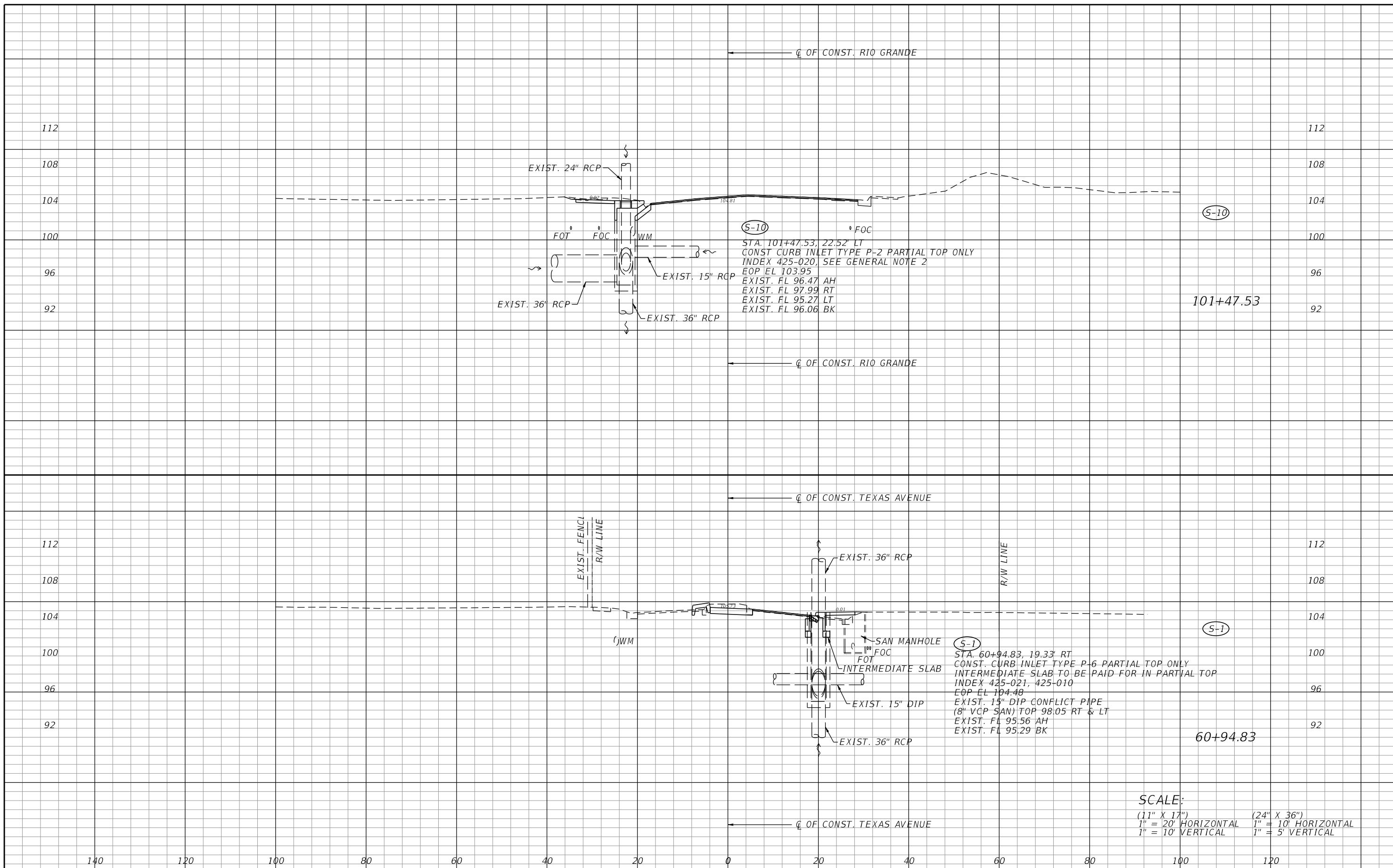


DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
 JOSEPH C. KUNKEL, P.E.
 P.E. NO.: 42629

DESIGN PLANS FOR: INTERSECTION IMPROVEMENTS	
PROJECT NAME JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	PROJECT NO. CIP-2722

CURB RETURN PROFILES
JOHN YOUNG PARKWAY

SHEET NO.
16



(S-10)
 STA. 101+47.53, 22.52' LT
 CONST CURB INLET TYPE P-2 PARTIAL TOP ONLY
 INDEX 425-020, SEE GENERAL NOTE 2
 EOP EL 103.95
 EXIST. FL 96.47 AH
 EXIST. FL 97.99 RT
 EXIST. FL 95.27 LT
 EXIST. FL 96.06 BK

(S-1)
 STA. 60+94.83, 19.33' RT
 CONST. CURB INLET TYPE P-6 PARTIAL TOP ONLY
 INTERMEDIATE SLAB TO BE PAID FOR IN PARTIAL TOP
 INDEX 425-021, 425-010
 EOP EL 104.48
 EXIST. 15" DIP CONFLICT PIPE
 (8" VCP SAN) TOP 98.05 RT & LT
 EXIST. FL 95.56 AH
 EXIST. FL 95.29 BK

SCALE:
 (11" X 17") 1" = 20' HORIZONTAL 1" = 10' VERTICAL
 (24" X 36") 1" = 10' HORIZONTAL 1" = 5' VERTICAL

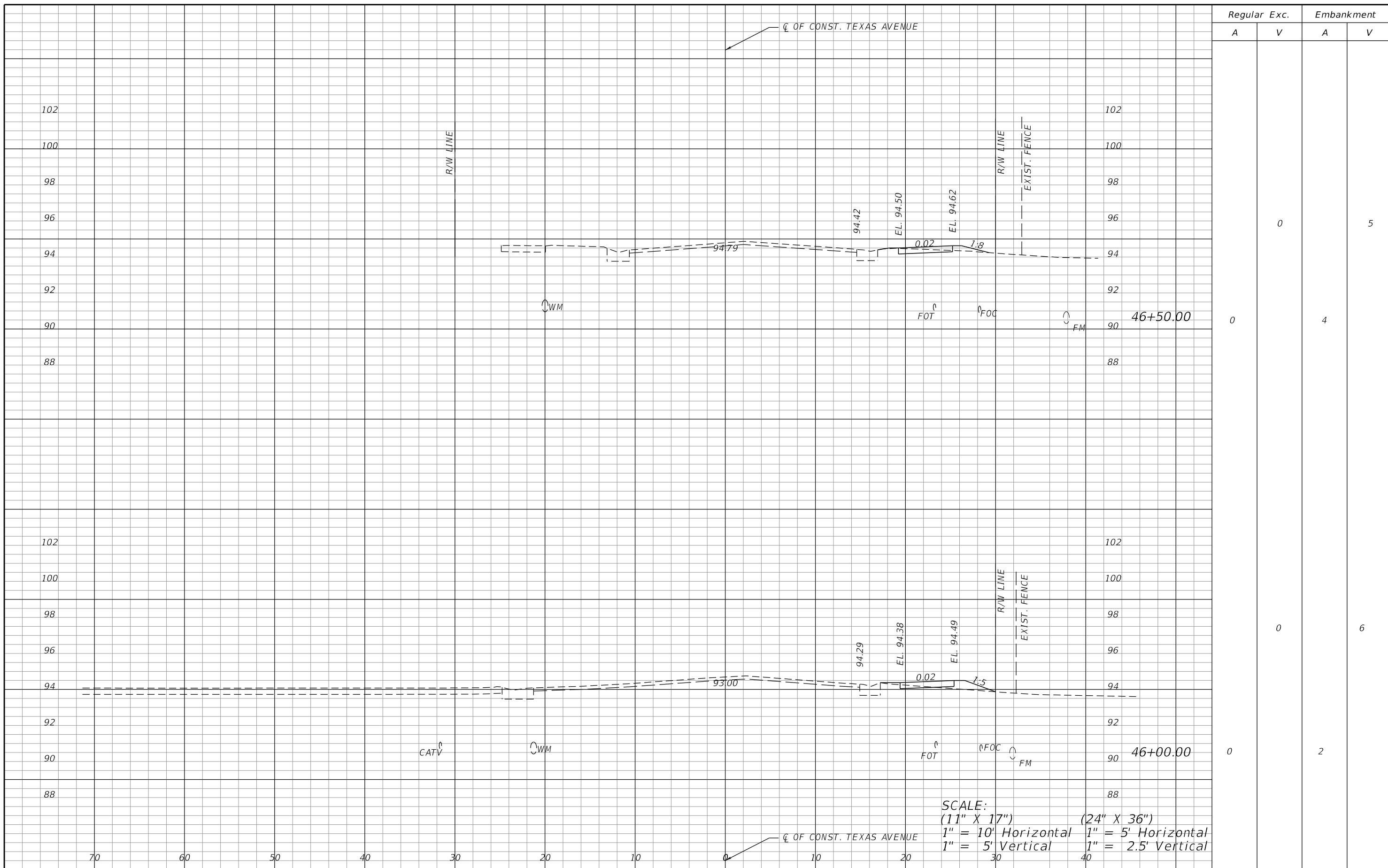
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT FLORIDA
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
 DONALD W. BROWN, P.E.
 P.E. NO.: 59272

DESIGN PLANS FOR:
INTERSECTION IMPROVEMENTS
 PROJECT NAME: JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.
 PROJECT NO.: CIP-2722

DRAINAGE STRUCTURES TEXAS AVE.

SHEET NO. 17



Regular		Exc.		Embankment	
A	V	A	V	A	V
0	0	4	0	5	0
0	0	2	0	6	0

SCALE:
 (11" X 17") 1" = 10' Horizontal 1" = 5' Vertical
 (24" X 36") 1" = 5' Horizontal 1" = 2.5' Vertical

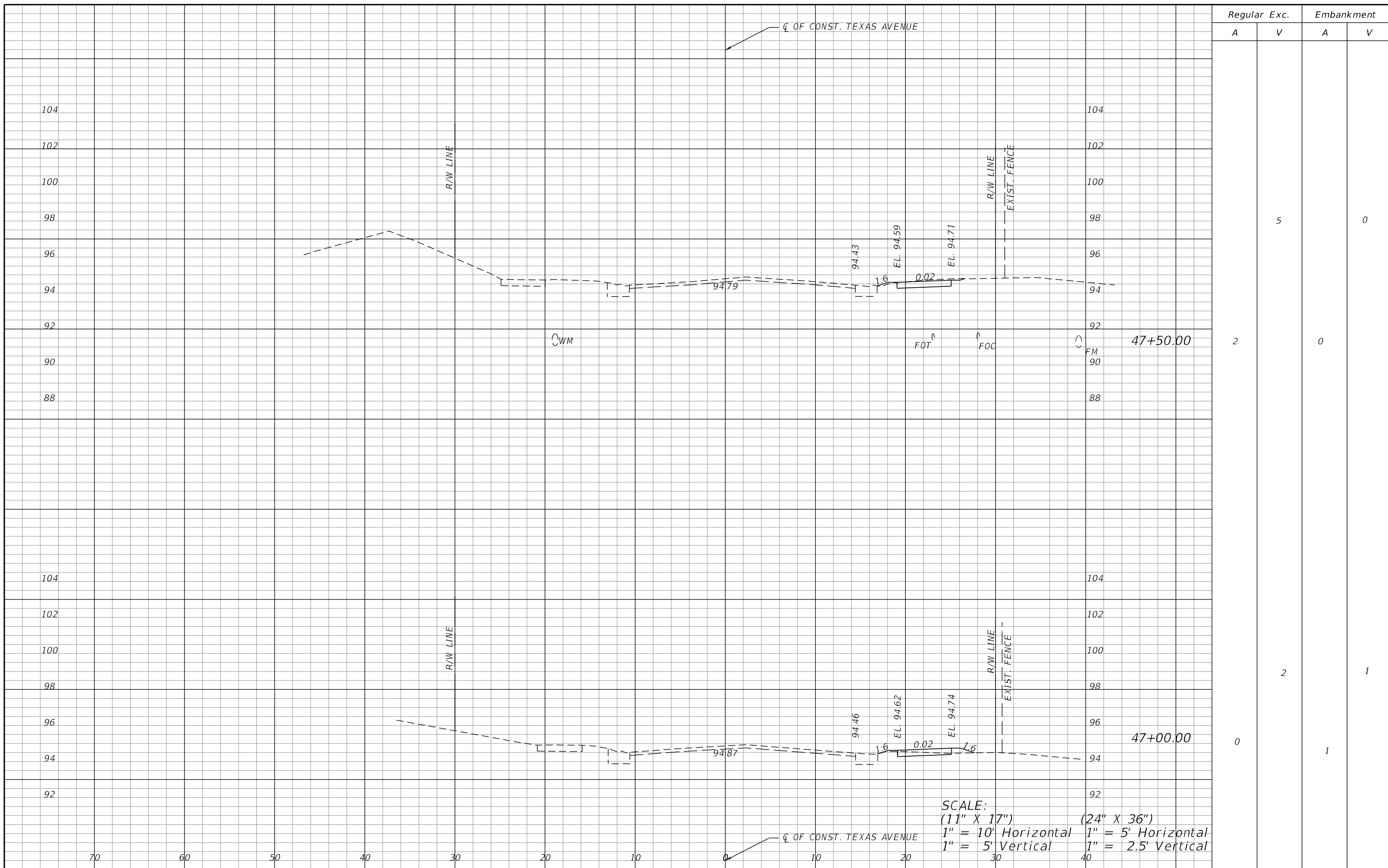
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT FLORIDA
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
 JOSEPH C. KUNKEL, P.E.
 P.E. NO.: 42629

DESIGN PLANS FOR:	
INTERSECTION IMPROVEMENTS	
PROJECT NAME	PROJECT NO.
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722

CROSS SECTIONS (2)
TEXAS AVE.

SHEET NO.
 19



Regular		Exc.		Embankment	
A	V	A	V	A	V
			5		0
2				0	
			2		1
0				1	

SCALE:
 (11" X 17") 1" = 10' Horizontal 1" = 5' Vertical
 (24" X 36") 1" = 5' Horizontal 1" = 2.5' Vertical

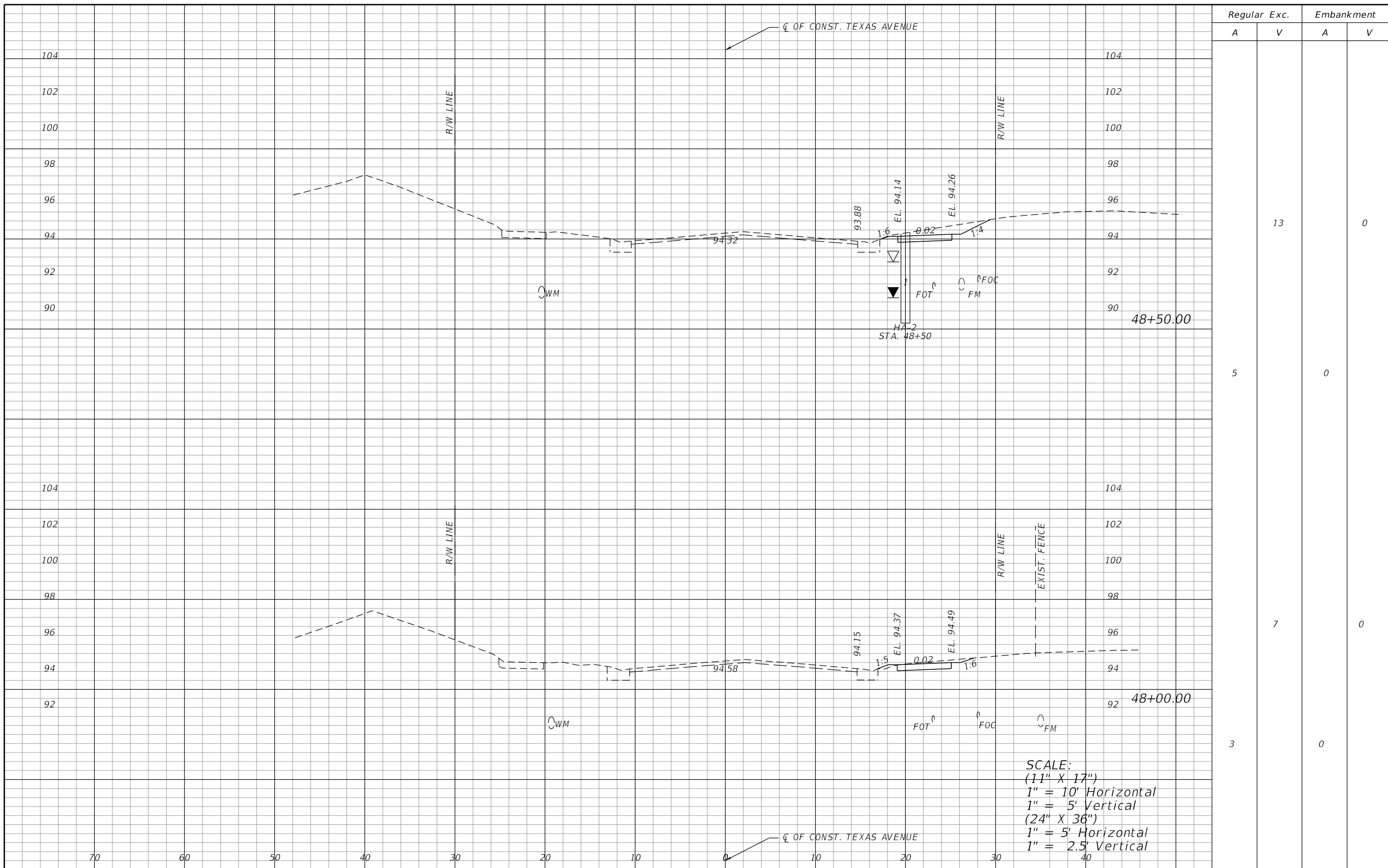
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT FLORIDA
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
 JOSEPH C. KUNKEL, P.E.
 P.E. NO.: 42629

DESIGN PLANS FOR:	
INTERSECTION IMPROVEMENTS	
PROJECT NAME	PROJECT NO.
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722

**CROSS SECTIONS (3)
 TEXAS AVE.**

SHEET NO.
 20



Regular		Exc.		Embankment	
A	V	A	V	A	V
			13		0
5				0	
			7		0
3				0	

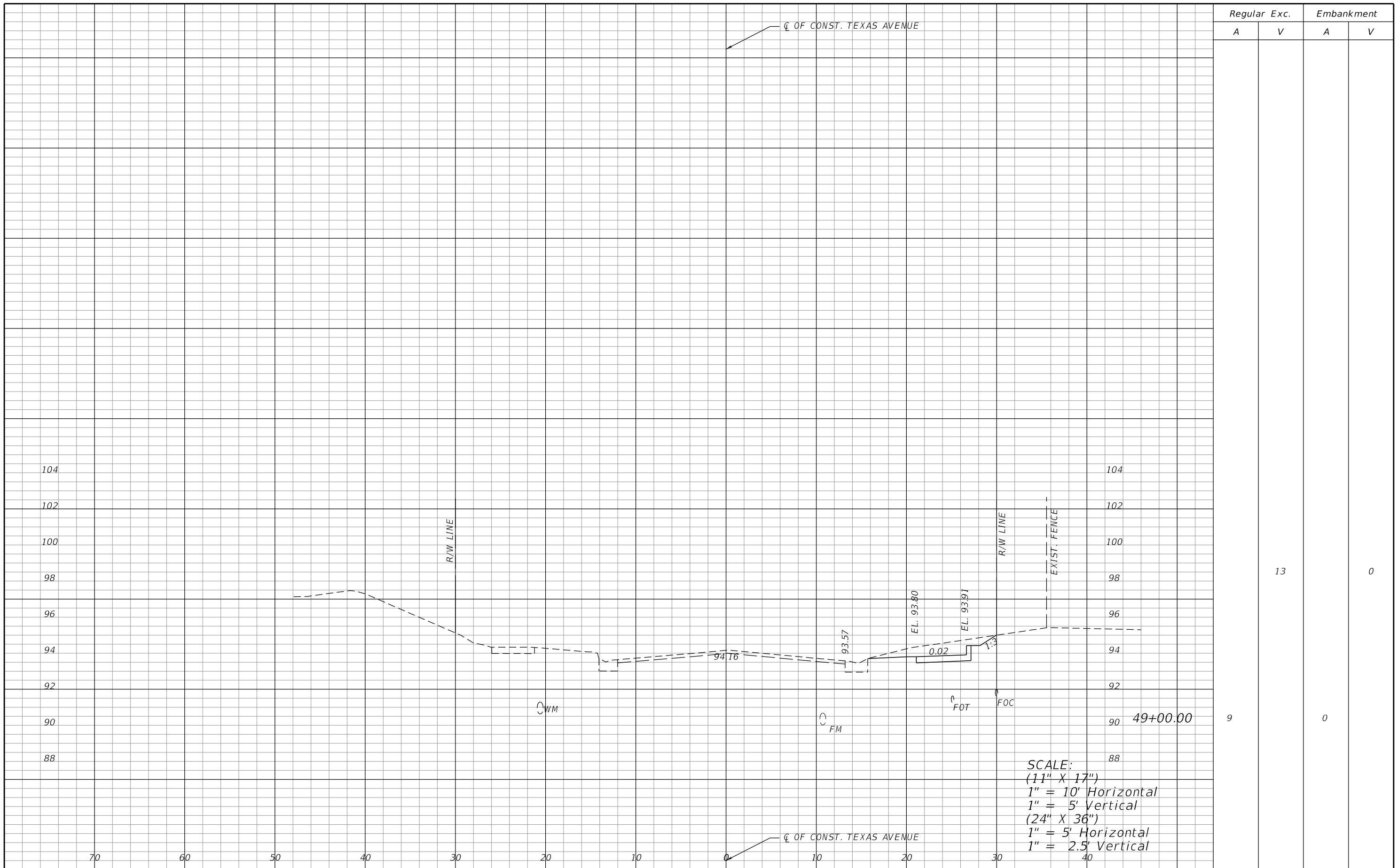
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
 JOSEPH C. KUNKEL, P.E.
 P.E. NO.: 42629

DESIGN PLANS FOR:	
INTERSECTION IMPROVEMENTS	
PROJECT NAME	PROJECT NO.
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722

CROSS SECTIONS (4)
TEXAS AVE.

SHEET NO.
 21



Regular		Exc.		Embankment	
A	V	A	V	A	V
			13		0
9				0	

SCALE:
 (11" X 17")
 1" = 10' Horizontal
 1" = 5' Vertical
 (24" X 36")
 1" = 5' Horizontal
 1" = 2.5' Vertical

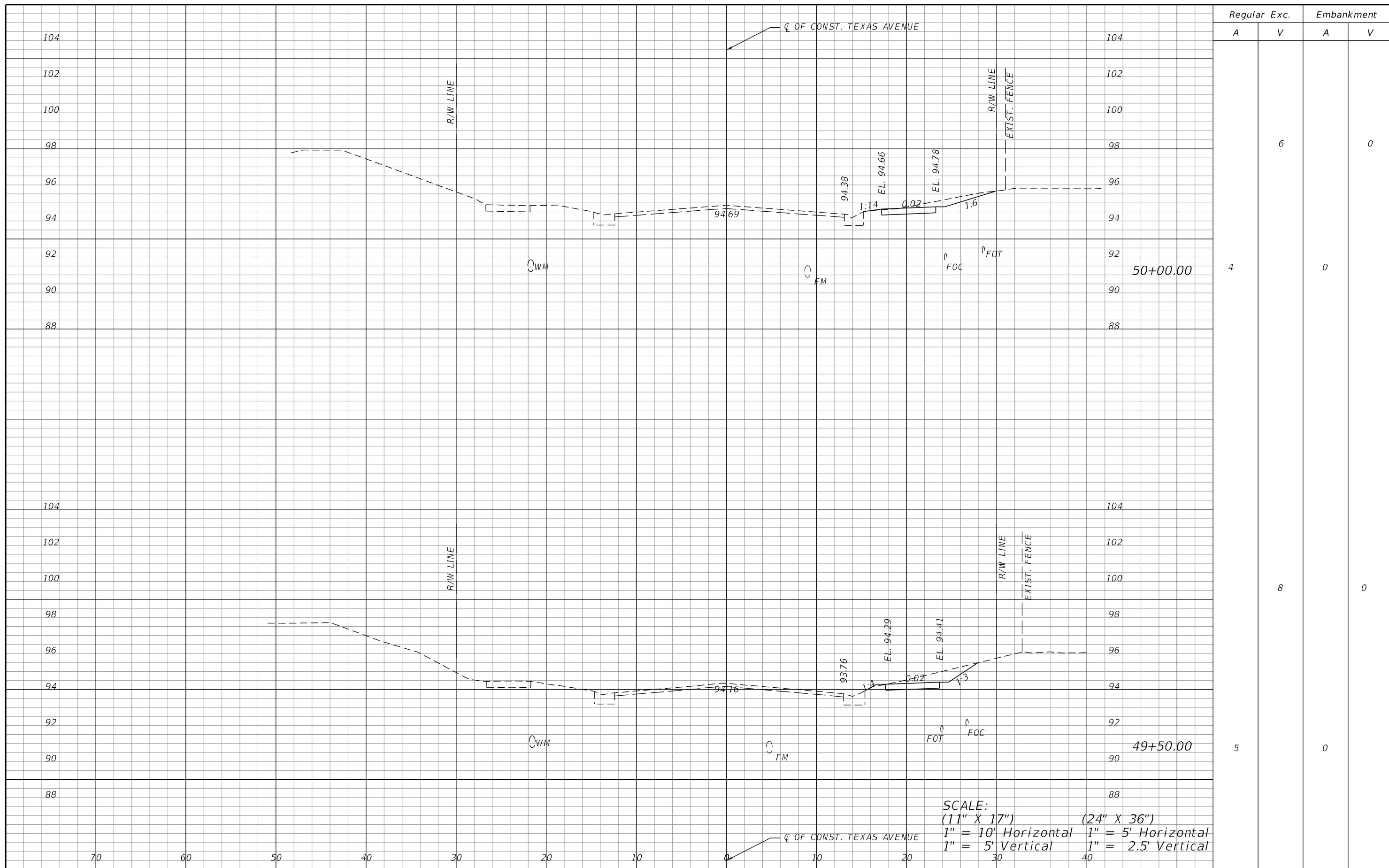
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT FLORIDA
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DESIGN PLANS FOR: INTERSECTION IMPROVEMENTS	
PROJECT NAME JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	PROJECT NO. CIP-2722

**CROSS SECTIONS (5)
 TEXAS AVE.**

SHEET NO.
22



Regular		Exc.		Embankment	
A	V	A	V	A	V
4	6	0	0	0	0
5	8	0	0	0	0

SCALE:
 (11" X 17") 1" = 10' Horizontal 1" = 5' Vertical
 (24" X 36") 1" = 5' Horizontal 1" = 2.5' Vertical

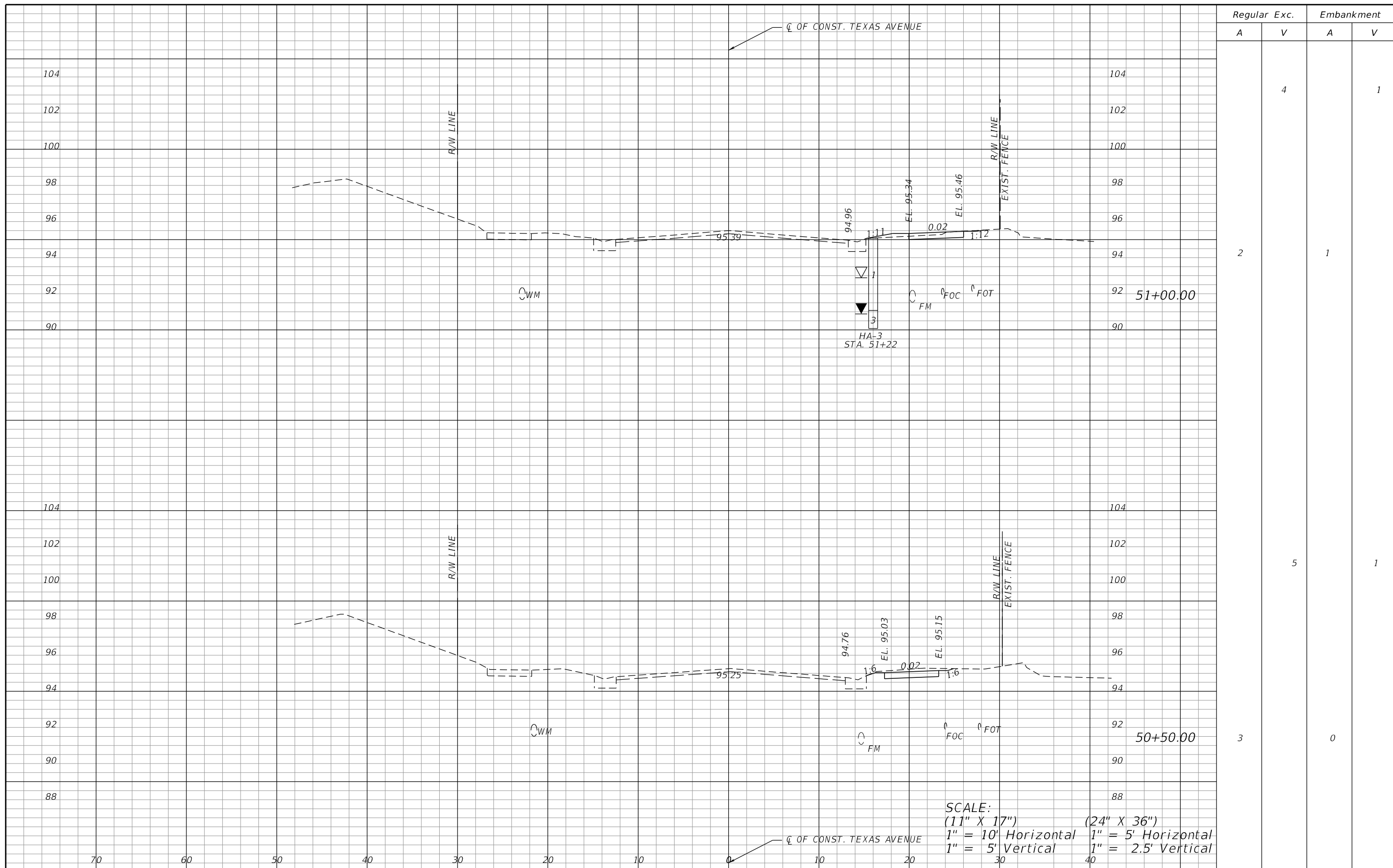
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT FLORIDA
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
 JOSEPH C. KUNKEL, P.E.
 P.E. NO.: 42629

DESIGN PLANS FOR: INTERSECTION IMPROVEMENTS	
PROJECT NAME JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	PROJECT NO. CIP-2722

**CROSS SECTIONS (6)
 TEXAS AVE.**

SHEET NO.
23



SCALE:
 (11" X 17") (24" X 36")
 1" = 10' Horizontal 1" = 5' Horizontal
 1" = 5' Vertical 1" = 2.5' Vertical

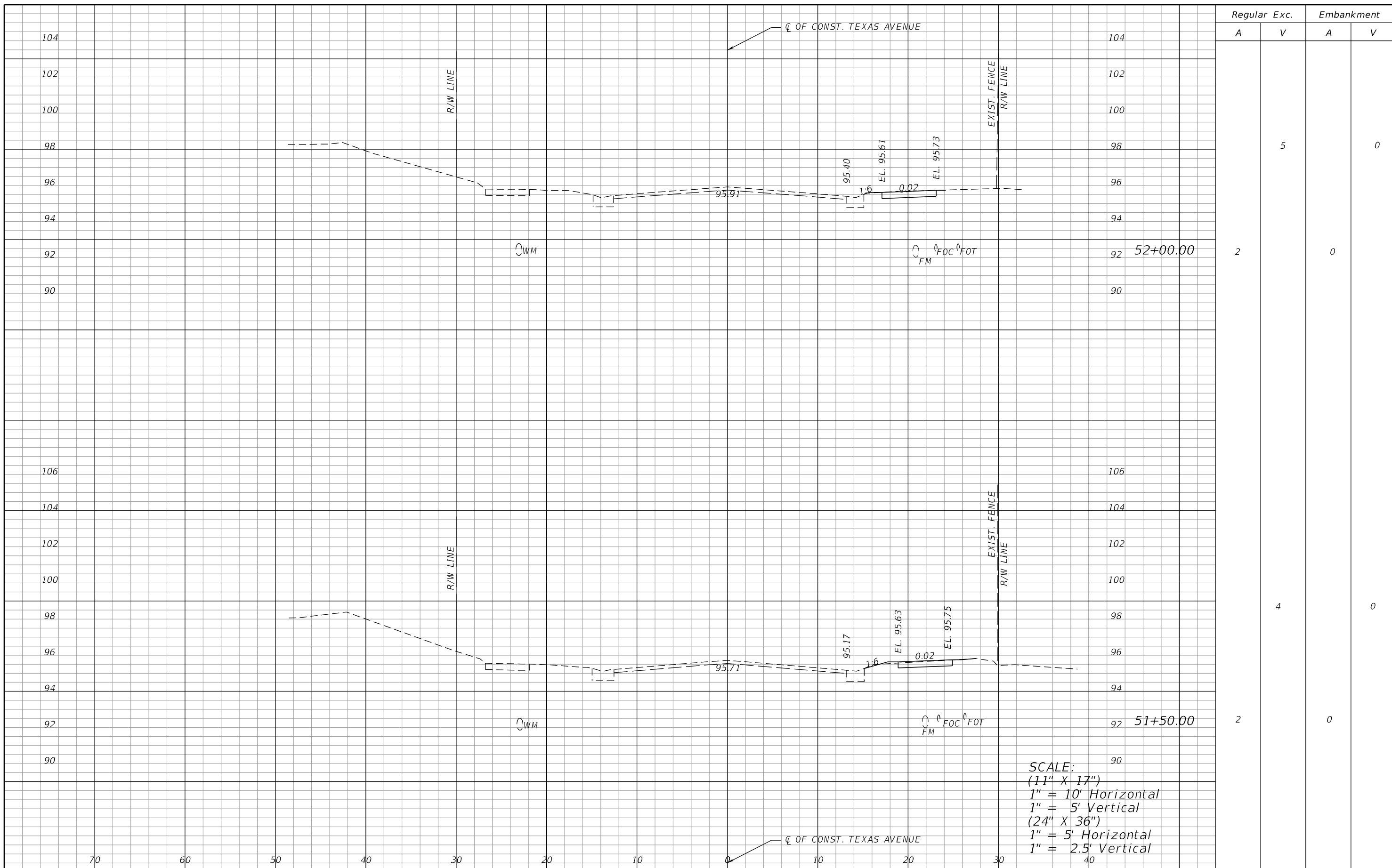
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT FLORIDA
 DRMP, INC.
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 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
 JOSEPH C. KUNKEL, P.E.
 P.E. NO.: 42629

DESIGN PLANS FOR:	
INTERSECTION IMPROVEMENTS	
PROJECT NAME	PROJECT NO.
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722

CROSS SECTIONS (7)
TEXAS AVE.

SHEET NO.
 24



Regular		Exc.		Embankment	
A	V	A	V	A	V
			5		0
2				0	
			4		0
2				0	

SCALE:
 (11" X 17")
 1" = 10' Horizontal
 1" = 5' Vertical
 (24" X 36")
 1" = 5' Horizontal
 1" = 2.5' Vertical

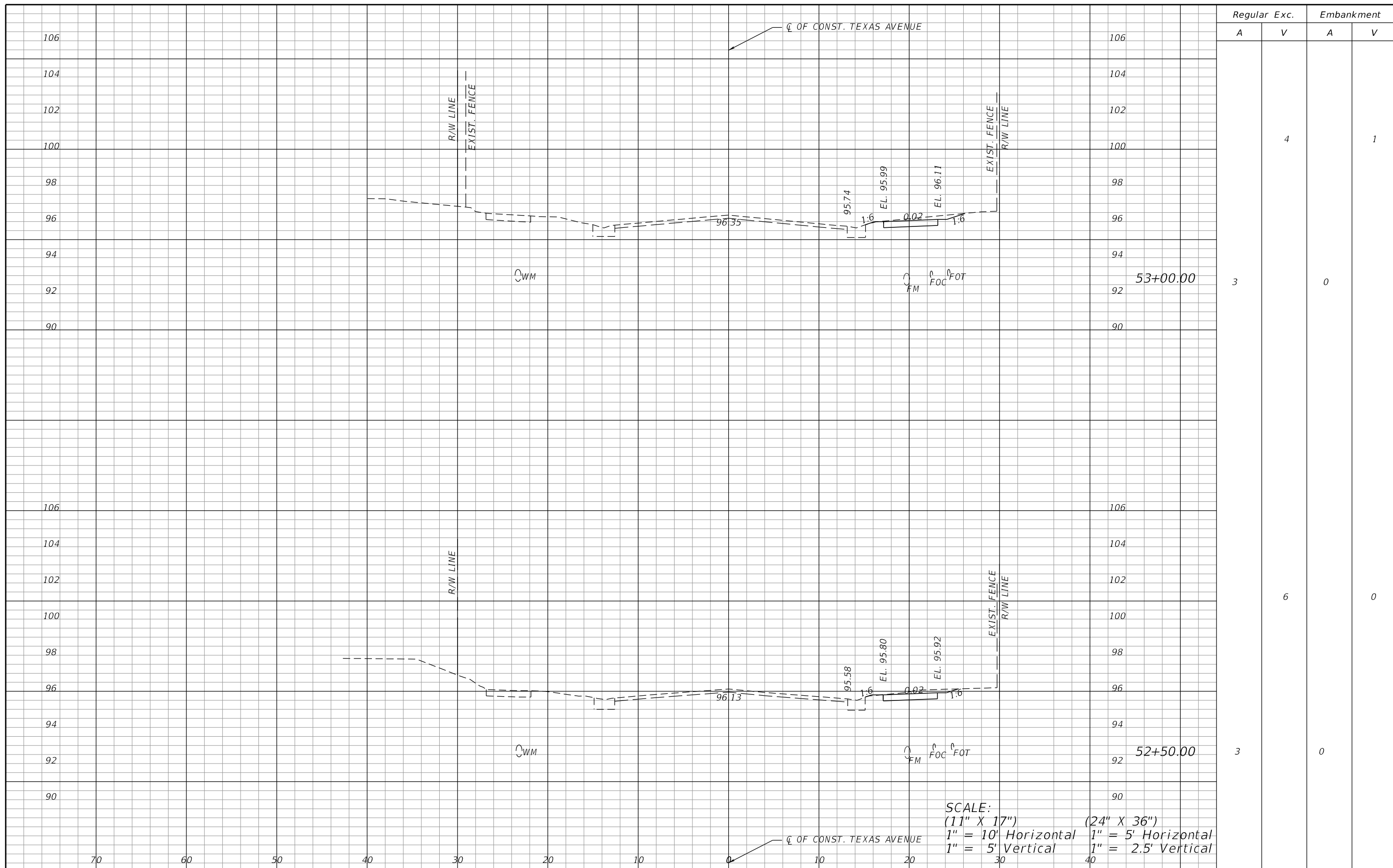
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT FLORIDA
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
 JOSEPH C. KUNKEL, P.E.
 P.E. NO.: 42629

DESIGN PLANS FOR: INTERSECTION IMPROVEMENTS	
PROJECT NAME	PROJECT NO.
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722

**CROSS SECTIONS (8)
 TEXAS AVE.**

SHEET NO.
25



Regular		Exc.		Embankment	
A	V	A	V	A	V
			4		1
3		0			
		6			0
3		0			

SCALE:
 (11" X 17") 1" = 10' Horizontal 1" = 5' Vertical
 (24" X 36") 1" = 5' Horizontal 1" = 2.5' Vertical

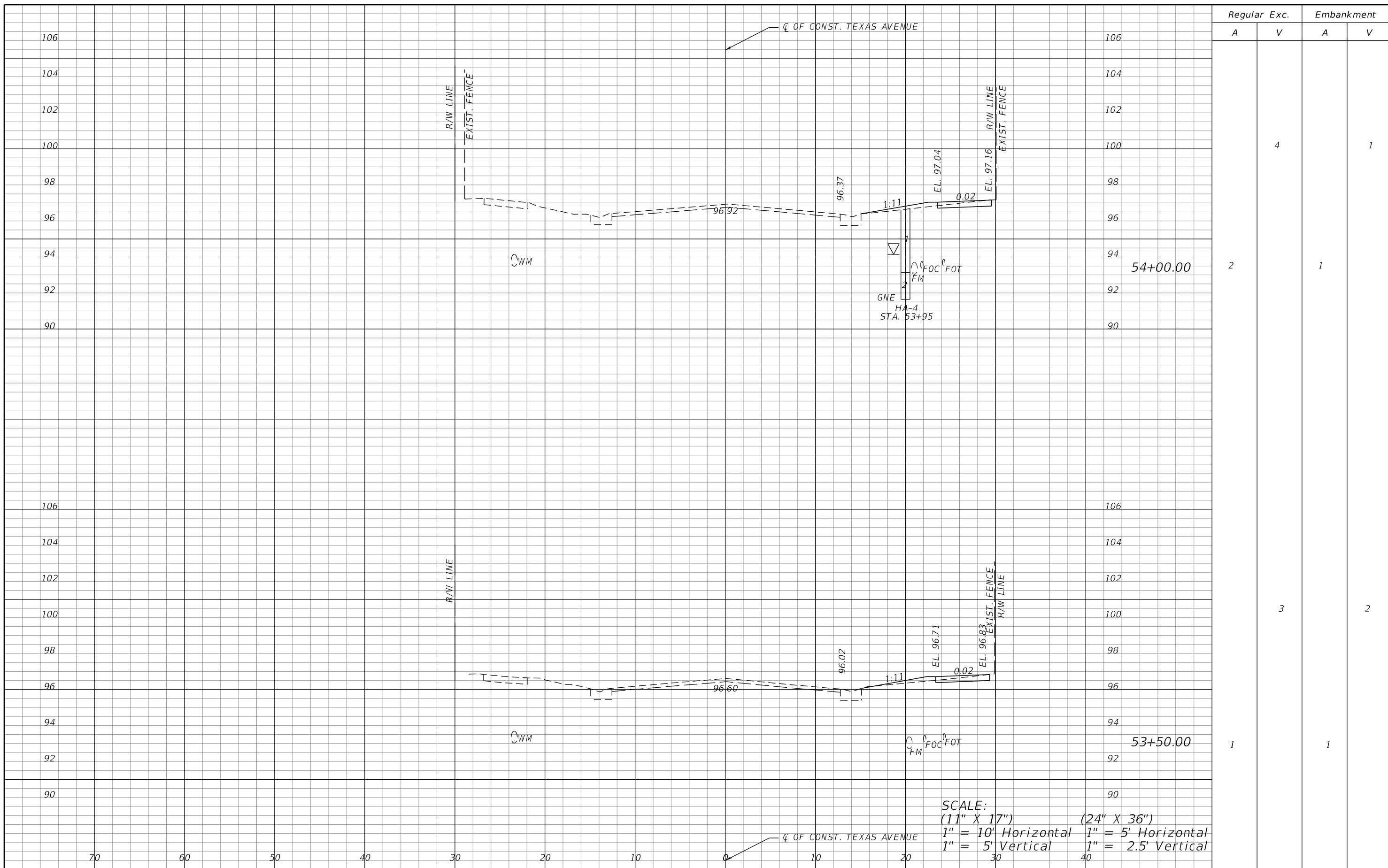
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT FLORIDA
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
 JOSEPH C. KUNKEL, P.E.
 P.E. NO.: 42629

DESIGN PLANS FOR: INTERSECTION IMPROVEMENTS	
PROJECT NAME JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	PROJECT NO. CIP-2722

**CROSS SECTIONS (9)
 TEXAS AVE.**

SHEET NO.
26



Regular		Exc.		Embankment	
A	V	A	V	A	V
			4		1
2				1	
			3		2
1				1	

SCALE:
 (11" X 17") 1" = 10' Horizontal 1" = 5' Vertical
 (24" X 36") 1" = 5' Horizontal 1" = 2.5' Vertical

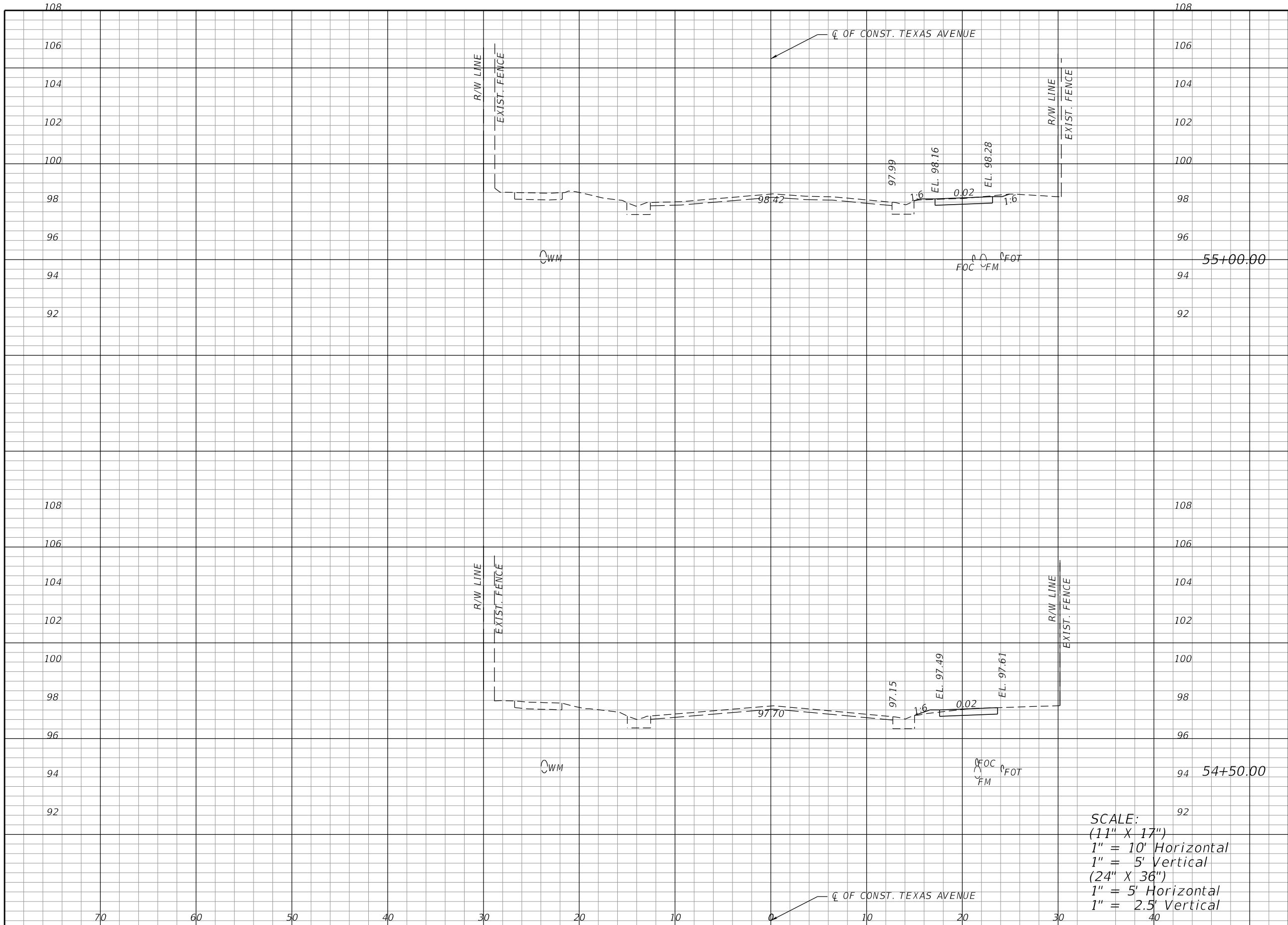
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT FLORIDA
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
 JOSEPH C. KUNKEL, P.E.
 P.E. NO.: 42629

DESIGN PLANS FOR: INTERSECTION IMPROVEMENTS	
PROJECT NAME JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	PROJECT NO. CIP-2722

**CROSS SECTIONS (10)
 TEXAS AVE.**

SHEET NO.
27



Regular		Exc.		Embankment	
A	V	A	V	A	V
			4		0
2				0	
			4		0
2				0	

SCALE:
 (11" X 17")
 1" = 10' Horizontal
 1" = 5' Vertical
 (24" X 36")
 1" = 5' Horizontal
 1" = 2.5' Vertical

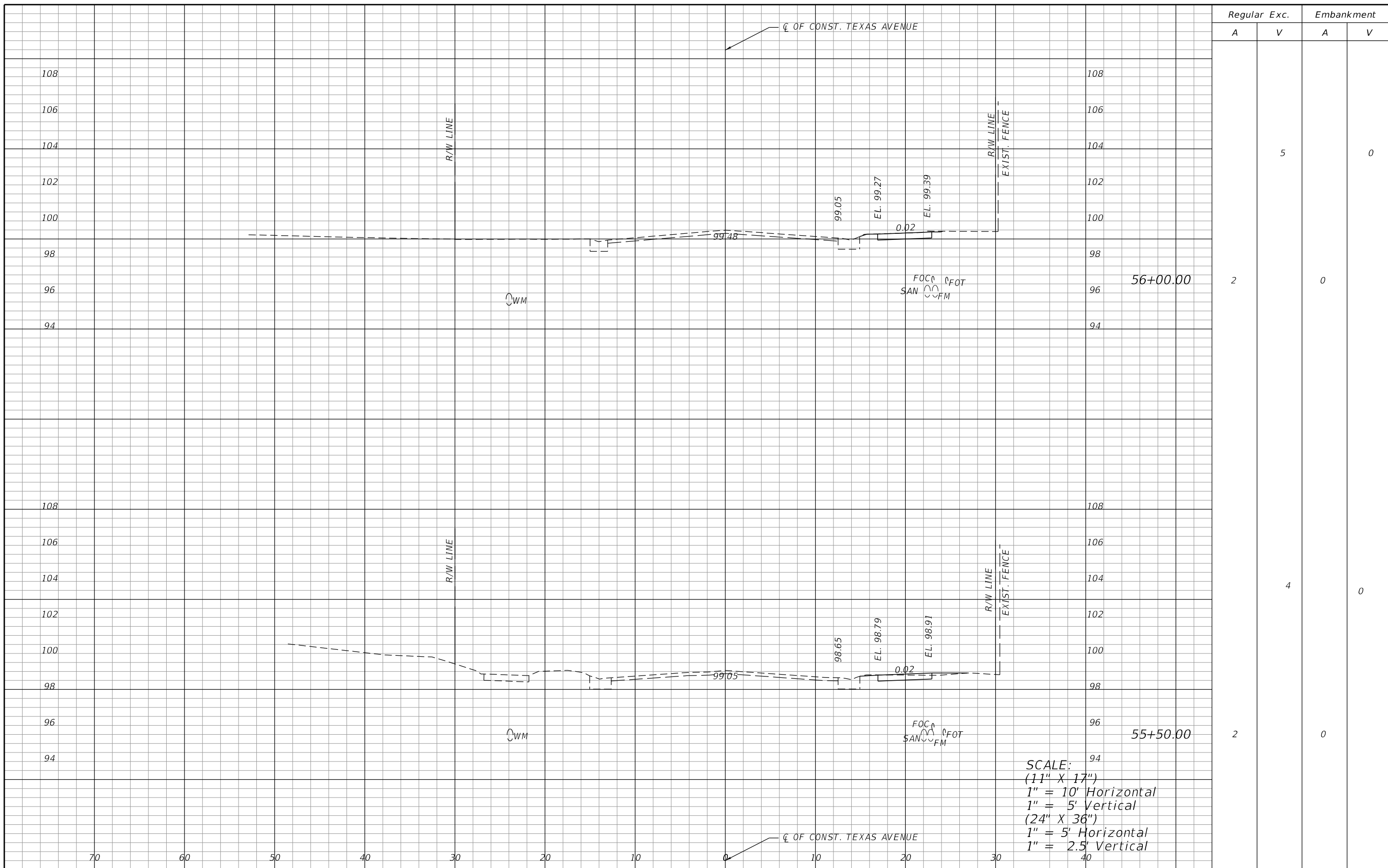
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
 JOSEPH C. KUNKEL, P.E.
 P.E. NO.: 42629

DESIGN PLANS FOR: INTERSECTION IMPROVEMENTS	
PROJECT NAME JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	PROJECT NO. CIP-2722

**CROSS SECTIONS (11)
 TEXAS AVE.**

SHEET NO.
28



Regular		Exc.		Embankment	
A	V	A	V	A	V
2	5	0	0	0	0
2	4	0	0	0	0

SCALE:
 (11" X 17")
 1" = 10' Horizontal
 1" = 5' Vertical
 (24" X 36")
 1" = 5' Horizontal
 1" = 2.5' Vertical

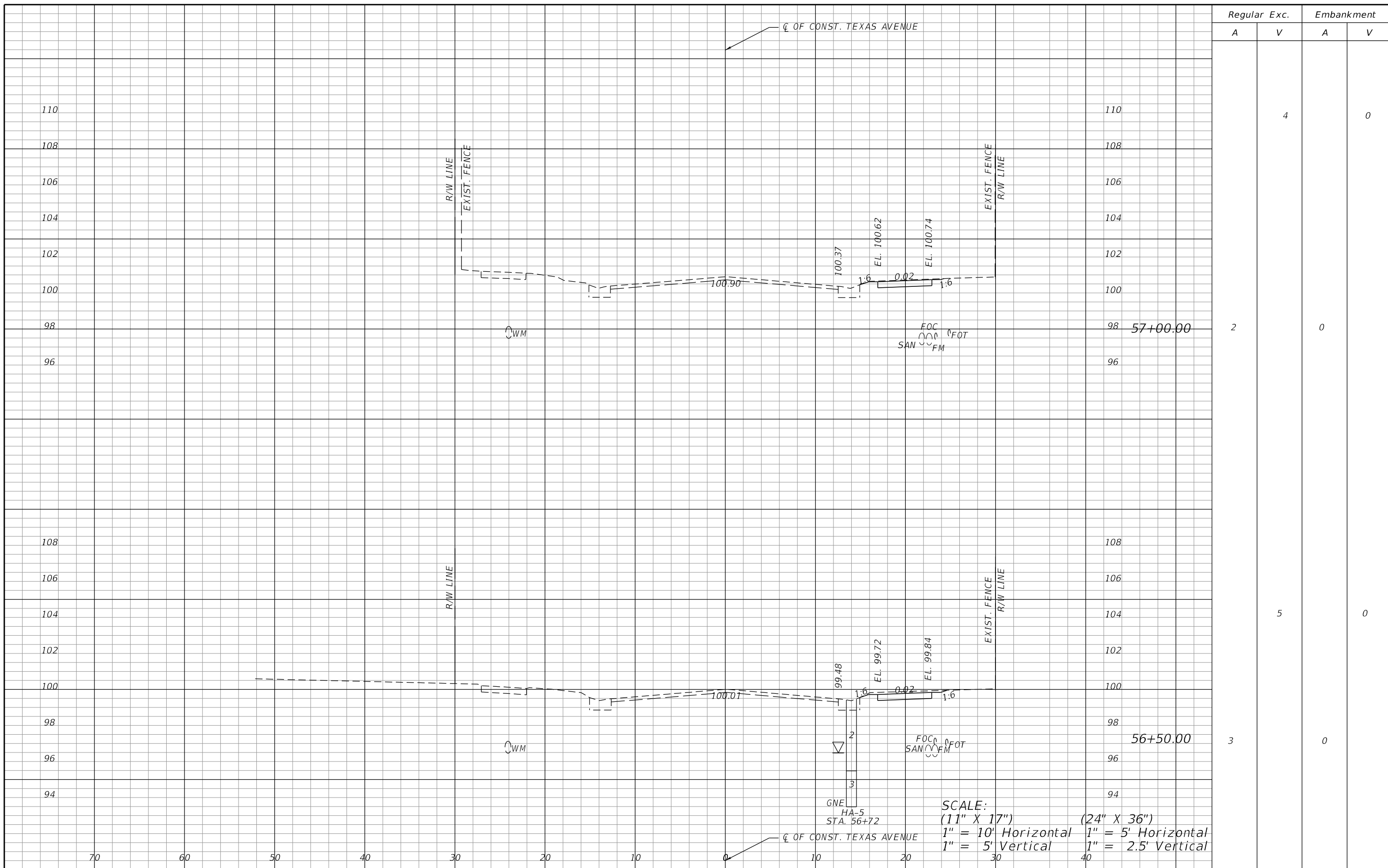
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT FLORIDA
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
 JOSEPH C. KUNKEL, P.E.
 P.E. NO.: 42629

DESIGN PLANS FOR: INTERSECTION IMPROVEMENTS	
PROJECT NAME JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	PROJECT NO. CIP-2722

**CROSS SECTIONS (12)
 TEXAS AVE.**

SHEET NO.
29



Regular		Exc.		Embankment	
A	V	A	V	A	V
			4		0
2				0	
			5		0
3				0	

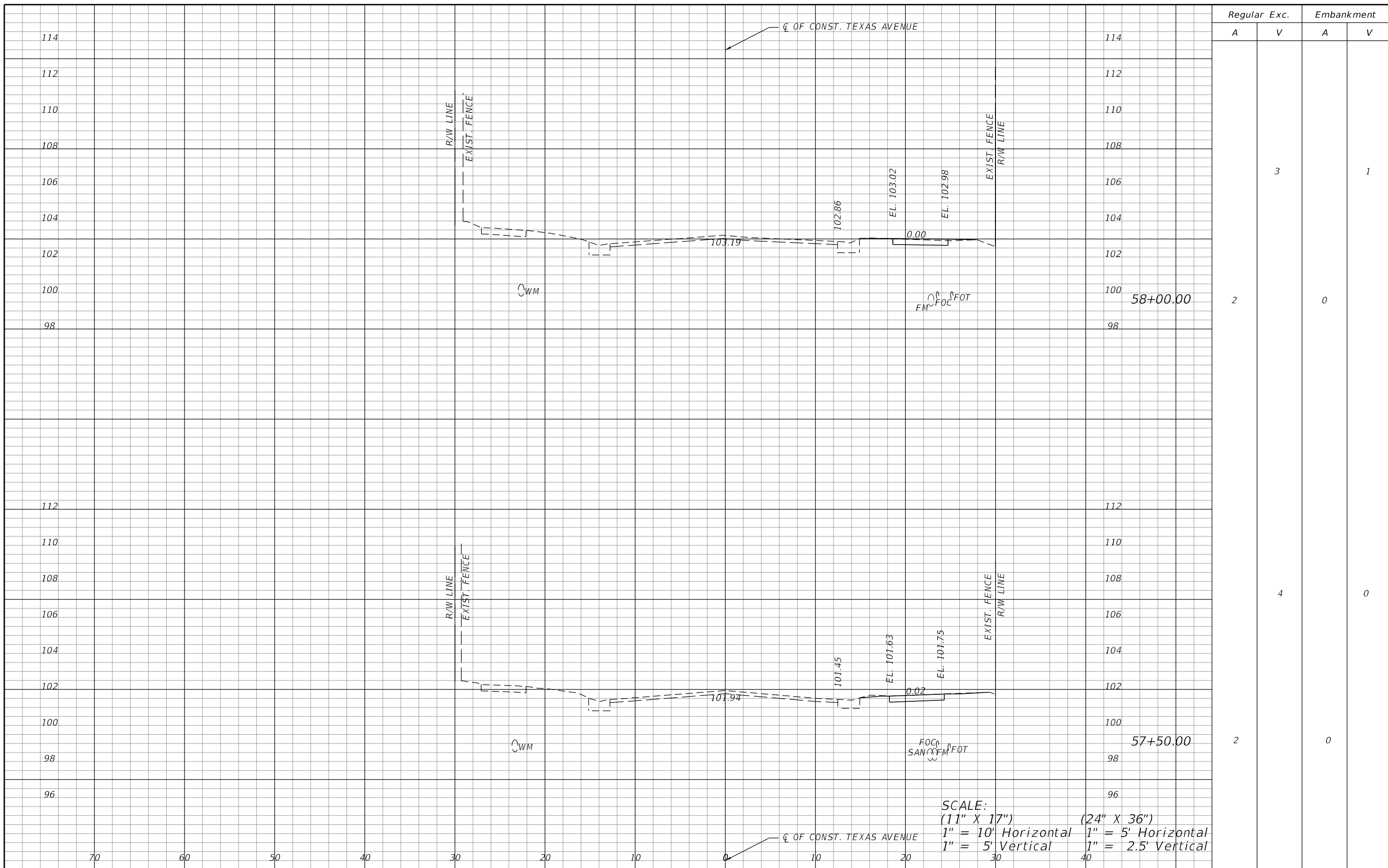
SCALE:
 (11" X 17") 1" = 10' Horizontal
 (24" X 36") 1" = 5' Horizontal
 1" = 5' Vertical 1" = 2.5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT FLORIDA
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
 JOSEPH C. KUNKEL, P.E.
 P.E. NO.: 42629

DESIGN PLANS FOR:	
INTERSECTION IMPROVEMENTS	
PROJECT NAME	PROJECT NO.
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722

CROSS SECTIONS (13)
TEXAS AVE.
 SHEET NO. 30



Regular Exc. Embankment

A V A V

Station	Regular A	Exc. V	Embankment A	Embankment V
58+00.00	2	3	0	1
57+50.00	2	4	0	0

SCALE:
 (11" X 17") 1" = 10' Horizontal 1" = 5' Vertical
 (24" X 36") 1" = 5' Horizontal 1" = 2.5' Vertical

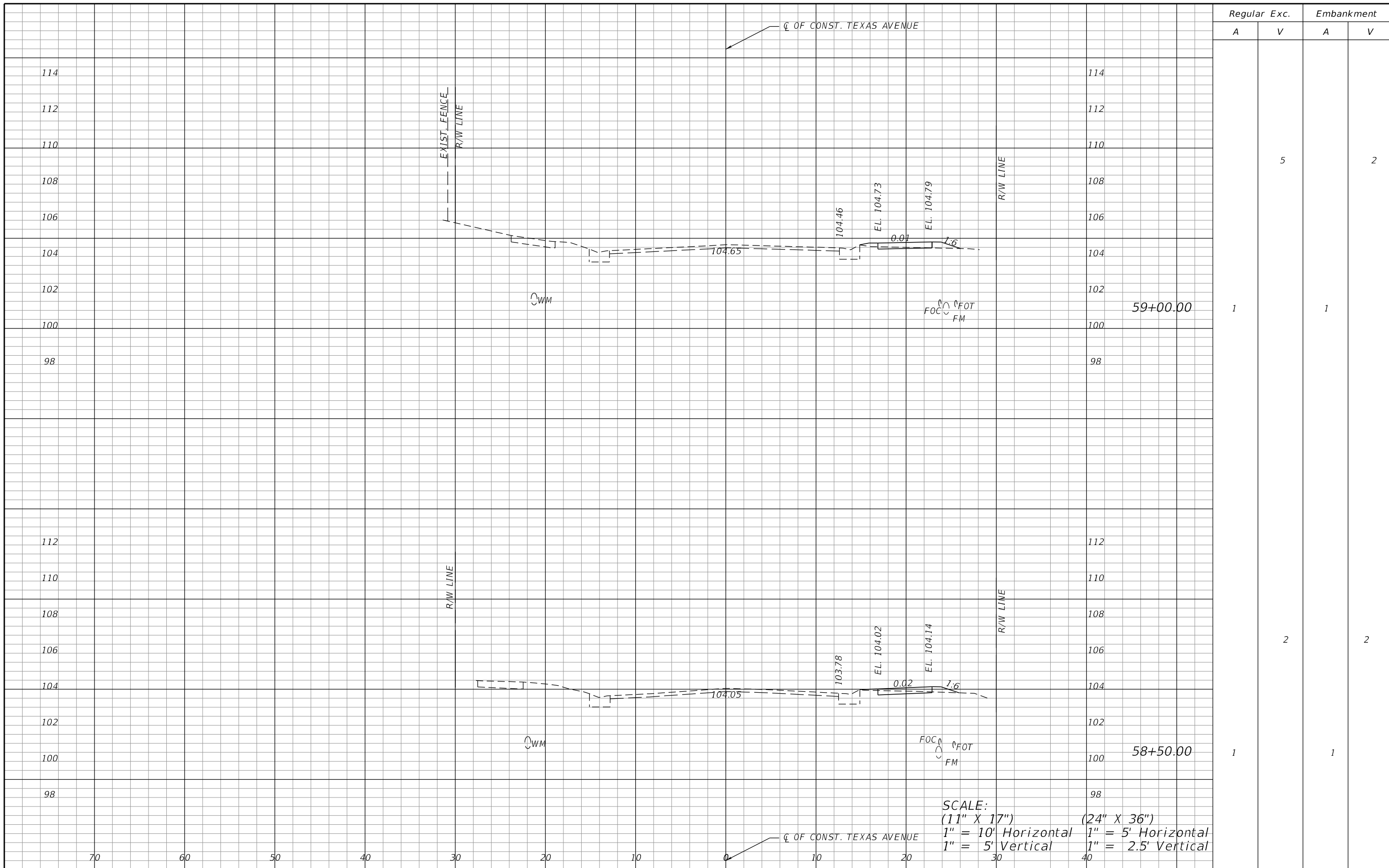
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT FLORIDA
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
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 JOSEPH C. KUNKEL, P.E.
 P.E. NO.: 42629

DESIGN PLANS FOR:	
INTERSECTION IMPROVEMENTS	
PROJECT NAME	PROJECT NO.
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722

**CROSS SECTIONS (14)
 TEXAS AVE.**

SHEET NO.
 31



Regular Exc. Embankment

A V A V

Station	Regular A	Exc. V	Embankment A	Embankment V
59+00.00	1	5	1	2
58+50.00	1	2	1	2

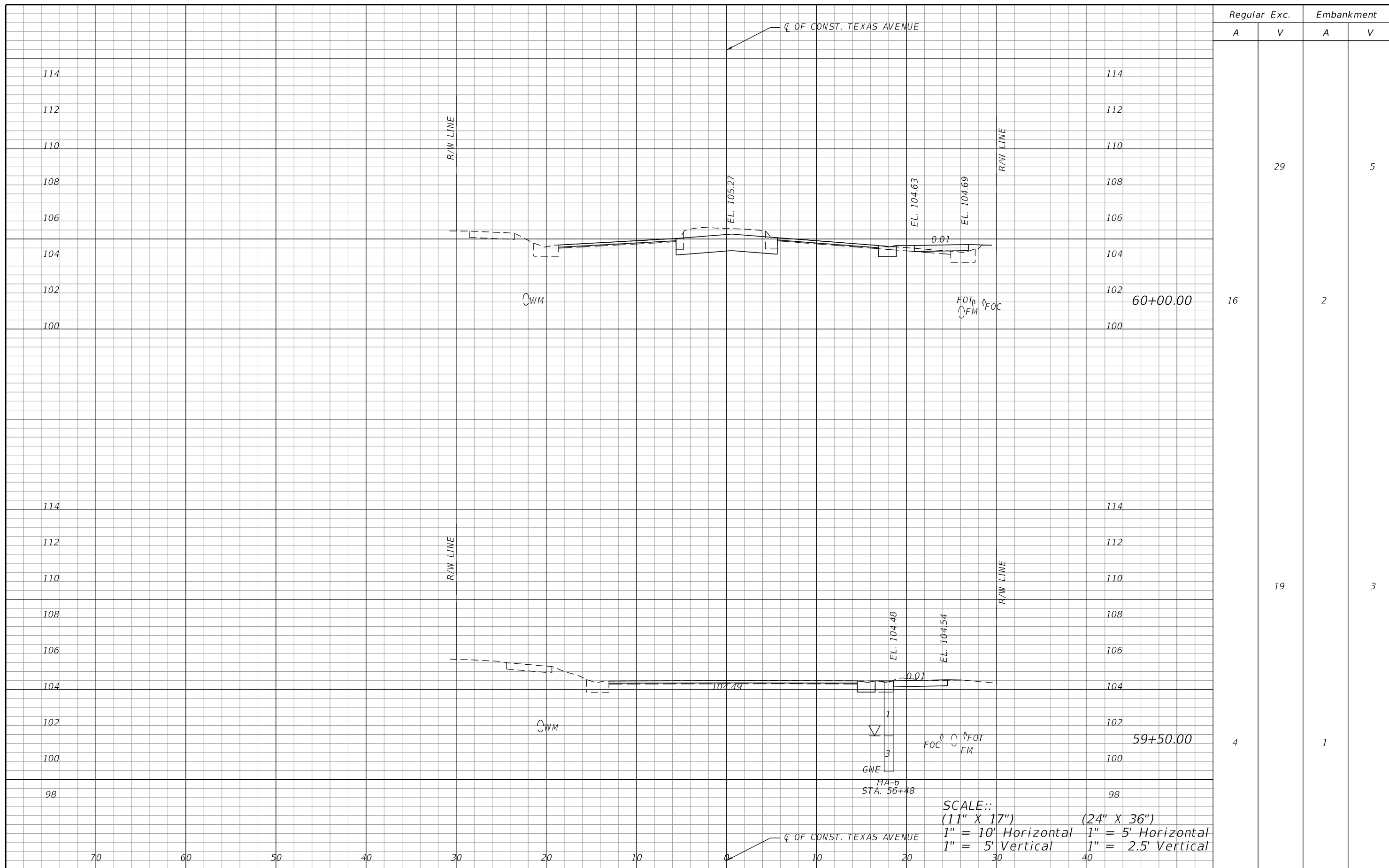
SCALE:
 (11" X 17") (24" X 36")
 1" = 10' Horizontal 1" = 5' Horizontal
 1" = 5' Vertical 1" = 2.5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT FLORIDA
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
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 JOSEPH C. KUNKEL, P.E.
 P.E. NO.: 42629

DESIGN PLANS FOR:	
INTERSECTION IMPROVEMENTS	
PROJECT NAME	PROJECT NO.
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722

CROSS SECTIONS (15)
TEXAS AVE.
 SHEET NO. 32



Regular		Exc.		Embankment	
A	V	A	V	A	V
16	29	2	5		
4	19	1	3		

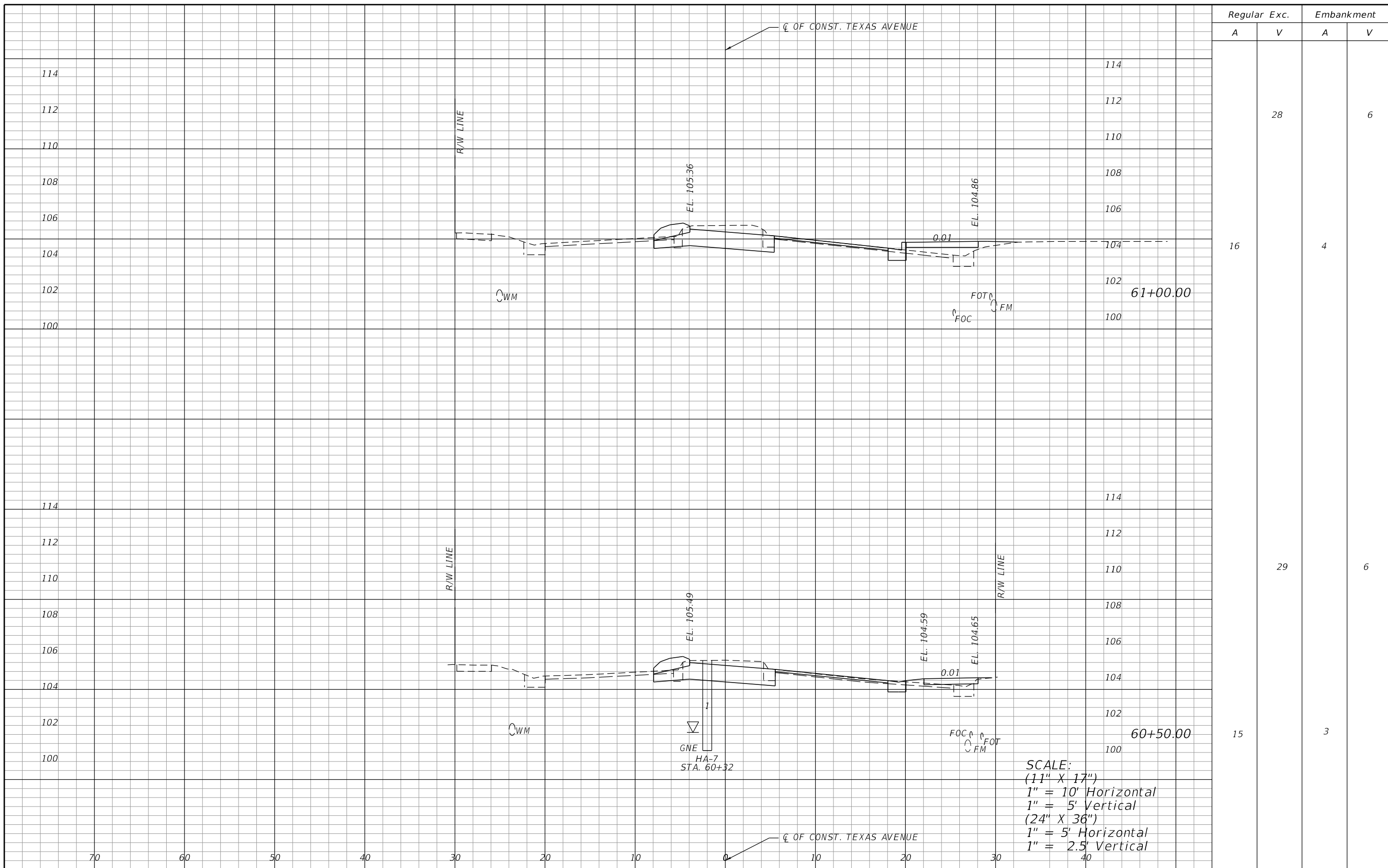
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
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 P.E. NO.: 42629

DESIGN PLANS FOR: INTERSECTION IMPROVEMENTS	
PROJECT NAME JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	PROJECT NO. CIP-2722

**CROSS SECTIONS (16)
TEXAS AVE.**

SHEET NO.
33



Regular Exc.		Embankment	
A	V	A	V
16	28	4	6
15	29	3	6

SCALE:
 (11" X 17")
 1" = 10' Horizontal
 1" = 5' Vertical
 (24" X 36")
 1" = 5' Horizontal
 1" = 2.5' Vertical

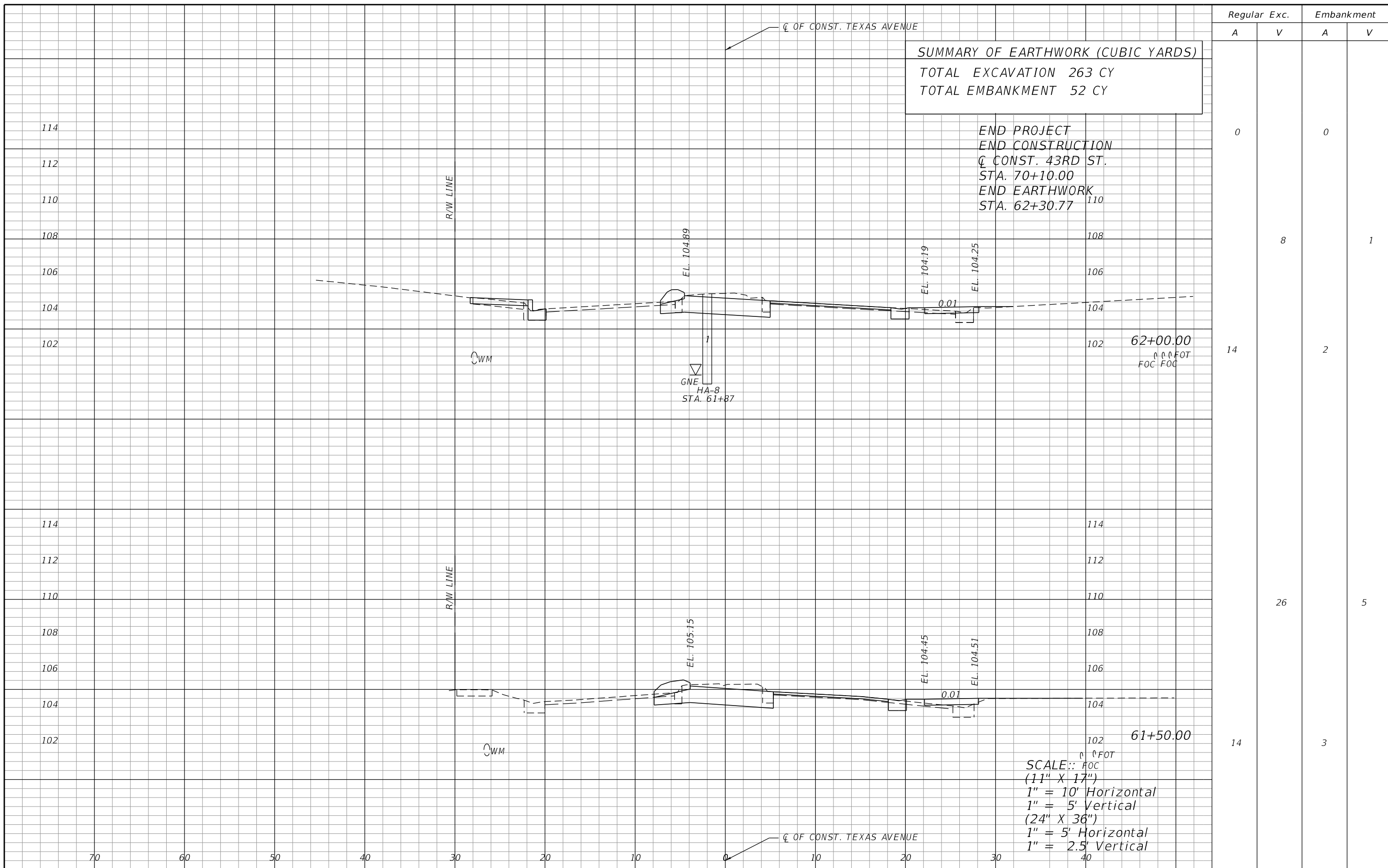
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT FLORIDA
 DRMP, INC.
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 P.E. NO.: 42629

DESIGN PLANS FOR: INTERSECTION IMPROVEMENTS	
PROJECT NAME JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	PROJECT NO. CIP-2722

**CROSS SECTIONS (17)
 TEXAS AVE.**

SHEET NO.
34



Regular		Exc.		Embankment	
A	V	A	V	A	V
0				0	
14	8	2			1
14	26	3			5

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
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 JOSEPH C. KUNKEL, P.E.
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DESIGN PLANS FOR:	
INTERSECTION IMPROVEMENTS	
PROJECT NAME	PROJECT NO.
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722


CROSS SECTIONS (18)
TEXAS AVE.

SHEET NO.
 35

JYP AT CONROY/AMERICANA & TEXAS AVE AT RIO GRANDE

TEMPORARY TRAFFIC CONTROL GENERAL NOTES:

1. MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (2009 EDITION) AND THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD PLANS FY 2018-19.
2. CONTRACTOR SHALL CONTACT ORANGE COUNTY ONE (1) WEEK PRIOR TO THE START OF ANY PHASE OF WORK TO REQUEST STREET, LANE OR SIDEWALK CLOSURE AUTHORIZATION.
LANES CLOSURES ARE NOT ALLOWED DURING THE FOLLOWING TIMES:
JOHN YOUNG PARKWAY & AMERICANA BLVD./CONROY RD MON. - FRI.: 6:00 AM TO 10:00 PM
TEXAS AVE. AND RIO GRANDE AVE. MON. - FRI.: THERE ARE NO RESTRICTIONS
LANE CLOSURES WILL NOT BE PERMISSIBLE DURING SPECIAL EVENTS INCLUDING BUT NOT LIMITED TO:
HOLIDAYS AND SEVERE WEATHER CONDITIONS.
NIGHT WORK REQUIRING A FLAGGER WILL REQUIRE TEMPORARY LIGHTING TO BE INSTALLED.
NIGHT WORK IS NOT ALLOWED WITHIN THE TEXAS AVENUE CONSTRUCTION LIMITS.
THE CONTRACTOR SHALL PROVIDE A UNIFORMED OFF-DUTY LAW ENFORCEMENT OFFICER(S) FOR ALL NIGHT WORK WITHIN THE JOHN YOUNG PARKWAY INTERSECTION CONSTRUCTION LIMITS. COST TO BE INCLUDED IN PAY ITEM 102-1.
NIGHT TIME LANE CLOSURES REQUIRE AN UNIFORMED LAW ENFORCEMENT OFFICER PRESENT IN A MARKED CAR.
3. LOCAL RESIDENT AND BUSINESS ACCESS SHALL BE MAINTAINED AT ALL TIMES. CONTRACTOR MUST PROVIDE WRITTEN NOTIFICATION TO THE RESIDENT AND BUSINESS AFFECTED BY THE CONSTRUCTION ACTIVITIES, ONE (1) WEEK IN ADVANCE OF THE START OF ANY PHASE OF CONSTRUCTION. THE CONTRACTOR MUST PROVIDE COPIES OF THE NOTIFICATION TO THE TRAFFIC CONTROL MANAGER PRIOR TO DISTRIBUTION.
4. ORANGE COUNTY RESERVES THE RIGHT TO REQUIRE ADDITIONAL DEVICES AND/OR CHANGES TO THE TRAFFIC CONTROL PLANS BASED UPON CHANGING TRAFFIC CONDITIONS.
5. ANY CHANGES MADE TO THE TRAFFIC CONTROL PLAN BY THE CONTRACTOR, MUST BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED AND REGISTERED IN THE STATE OF FLORIDA AND APPROVED BY THE COUNTY PRIOR TO IMPLEMENTATION.
6. THE NUMBER OF DEVICES SHOWN ON THESE PLANS ARE FOR ILLUSTRATION PURPOSES. ADDITIONAL DEVICES MY BE REQUIRED TO PROPERLY PROTECT THE WORKERS AND WORK ZONE FROM VEHICULAR TRAFFIC.
7. ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL BE NEW OR LIKE NEW CONDITION. ALL SIGNS MUST BE POST MOUNTED UNLESS OTHERWISE INDICATED.
8. DURING NON -WORKING HOURS, NO EQUIPMENT, VEHICLES OR MATERIAL SHALL BE PARKED OR STORED WITHIN THE CLEAR ZONE OR A ROADWAY OPEN TO VEHICULAR TRAFFIC.
9. EXISTING REGULATORY AND WARNING SIGNS ARE TO BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE NOTED. ALL EXISTING SIGNS IN CONFLICT WITH THE TRAFFIC CONTROL PLAN DURING A CONSTRUCTION PHASE SHALL BE COVERED AS NECESSARY. THE CONTRACTOR SHALL MAINTAIN AND RELOCATE EXISTING ROADWAY SIGNS, AS CONDITIONS WARRANT IN EACH PHASE, THROUGHOUT THE DURATION OF THE CONSTRUCTION. THE COST OF THESE SIGNING OPERATIONS IS TO BE INCLUDED IN THE MAINTENANCE OF TRAFFIC LUMP SUM PAY ITEM.
10. PEDESTRIAN TRAFFIC MUST BE MAINTAINED THROUGHOUT THE INTERSECTION AT JOHN YOUNG PARKWAY AND THE INTERSECTION OF TEXAS AND RIO GRANDE AVENUE AND ON THE EXISTING SIDEWALK ON THE NORTH SIDE OF TEXAS AVENUE. IF UNABLE TO MAINTAIN PEDESTRIAN TRAFFIC, THE CONTRACTOR MUST PROVIDE TEMPORARY WALKING PATH THAT MEETS ADA STANDARDS. PAYMENT IS TO BE INCLUDED IN THE MAINTENANCE OF TRAFFIC LUMP SUM PAY ITEM.
11. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING EACH EMPLOYEE SUPERVISING THE SELECTION AND PLACEMENT OF THE TEMPORARY TRAFFIC CONTROL (TTC) DEVICES MUST BE PROPERLY TRAINED BY ATTENDING AND SUCCESSFULLY COMPLETING A FDOT APPROVED TTC (MAINTENANCE OF TRAFFIC) COURSE. THE TRAINING MUST BE AT A LEVEL APPLICABLE TO THE EMPLOYEE'S LEVEL OF INVOLVEMENT. COPIES OF CERTIFICATIONS SHALL BE PROVIDED TO ORANGE COUNTY PRIOR TO IMPLEMENTING ANY PHASE OF TTC.
12. THE CONTRACTOR MUST PROVIDE A TRAFFIC CONTROL SUPERVISOR (TCS) WHO IS RESPONSIBLE FOR INITIATING, INSTALLING AND MAINTAINING ALL TRAFFIC CONTROL WITHIN THE PROJECT LIMITS.
13. THE TCS SHALL BE AVAILABLE ON A 24-HOUR PER DAY BASIS, PARTICIPATE IN ALL CHANGES TO TRAFFIC CONTROL AND REVIEW THE PROJECT ON A DAY TO DAY BASIS. THE TCS MUST BE AVAILABLE WITHIN 45 MINUTES TO NOTIFICATION OF AN EMERGENCY SITUATION AND IS PREPARED TO RESPOND TO AND CORRECT THE TRAFFIC CONTROL OR PROVIDED ALTERNATIVE ARRANGEMENTS FOR CORRECTIVE ACTIONS.
14. THE TCS SHALL BE PRESENT DURING THE INITIAL SETUP OF THE TRAFFIC CONTROL PLANS AND ALL SUBSEQUENT PHASES OR CHANGES TO THE TRAFFIC CONTROL.
15. THE TCS SHALL BE RESPONSIBLE FOR PERFORMING WEEKLY, DAY TIME AND NIGHT TIME INSPECTIONS OF ALL TRAFFIC CONTROL DEVICES, TRAFFIC FLOW, PEDESTRIAN, AND BICYCLIST MOVEMENT THROUGH OUT THE WORK AREA AND BUSINESS ACCOMMODATIONS.
16. ORANGE COUNTY MAY DISQUALIFY AND REMOVE FROM THE PROJECT A TCS THAT FAILS TO COMPLY WITH THESE PROVISIONS. ORANGE COUNTY MAY ALSO SUSPEND ALL WORK ACTIVITIES UNTIL CORRECTIVE ACTIONS HAVE BEEN COMPLETED.
17. THE CONTRACTOR SHALL EITHER BACK FILL OR COVER BY AN APPROVED METHOD ANY OPEN TRENCHES AT THE END OF EACH WORK PERIOD.
18. THE CONTRACTOR SHALL REPLACE ANY VEHICLE DETECTION LOOPS DAMAGED DURING CONSTRUCTION, AS PER THE ORIGINAL CONTRACT PLANS.
19. MODIFICATIONS TO OR RELOCATIONS OF SIGNALS SHALL BE THE CONTRACTORS RESPONSIBILITY. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE MODIFICATIONS OR RELOCATION DURING EACH PHASE OF CONSTRUCTION. PAYMENT FOR ALL SIGNAL HEAD RELOCATIONS, MODIFICATIONS, AND TEMPORARY SIGNALIZATION SHALL BE INCLUDED AS PART OF THE MAINTENANCE OF TRAFFIC LUMP SUM PAY ITEM. CONTRACTOR SHALL COORDINATE WITH THE COUNTY TRAFFIC ENGINEER PRIOR TO RELOCATION/ADJUSTMENT FOR APPROVAL.
20. POSITIVE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES FOR THE ENTIRE PROJECT.
21. CHANNELIZING DEVICES ERECTED ALONG SIDE STREETS, BUSINESS DRIVEWAYS AND RESIDENT AL DRIVEWAYS SHALL BE SPACED AT 10' CENTER TO CENTER ALONG THE RETURN RADIUS UNLESS OTHERWISE NOTED.
22. STOP SIGNS ALONG SIDE STREETS AND/OR DRIVEWAYS SHALL BE MAINTAINED AND RELOCATED AS REQUIRED BY THE CONSTRUCTION PHASING.
23. AT NIGHT, ONLY DRUMS WITH LIGHTS SHALL BE USED FOR CHANNELIZING DEVICES.

REVISIONS				 DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FL 32814 CERT. OF AUTH.: 2648 COLETTE F. MOSS, P.E. P.E. NO.: 48263	DESIGN PLANS FOR:		TEMPORARY TRAFFIC CONTROL PLAN GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		INTERSECTION IMPROVEMENTS			
					PROJECT NAME	PROJECT NO.		
					JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722		

JOHN YOUNG PARKWAY AT CONROY RD. AND AMERICANA BLVD.

TEMPORARY TRAFFIC CONTROL PHASING NOTES:

1. INSTALL ALL EROSION CONTROL ITEMS.
2. PLACE ADVANCE WARNING SIGNS

PHASE I

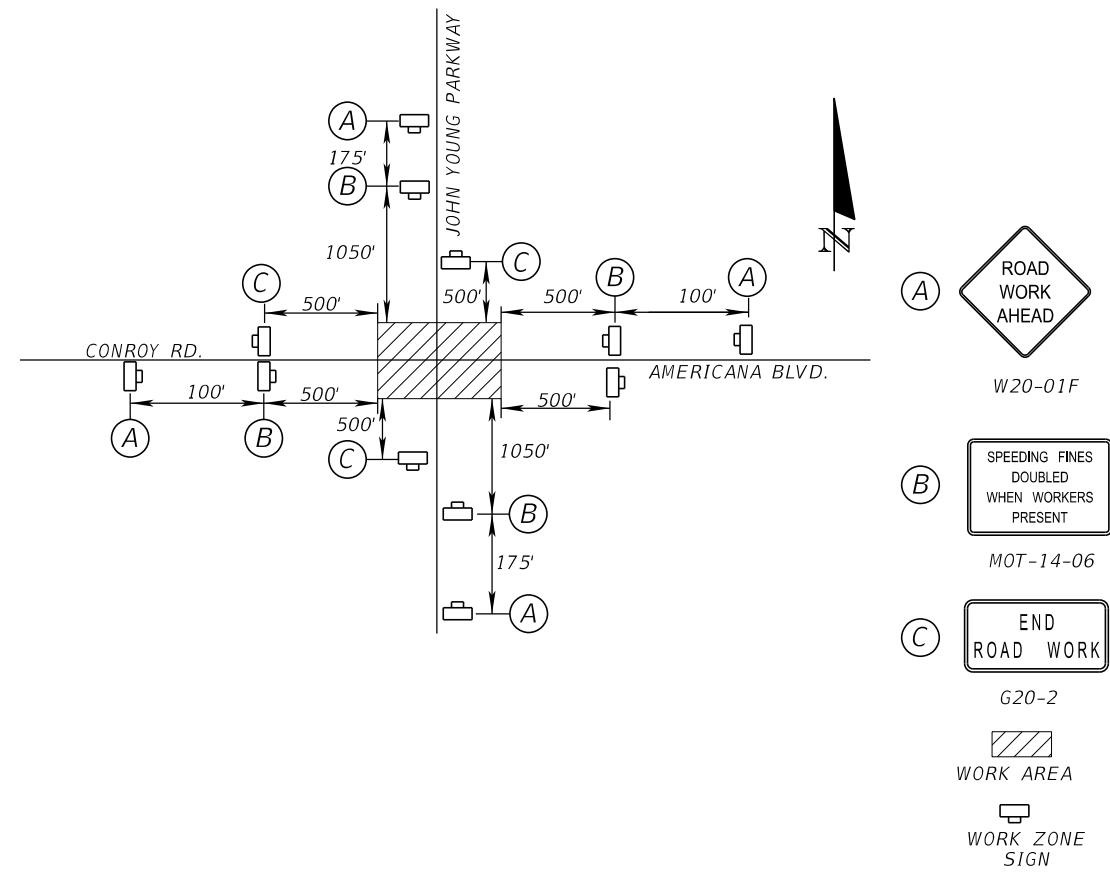
1. UTILIZE FDOT STANDARD PLANS INDEX 102-616.
2. CLOSE SIDEWALK THAT LEADS TO WORK AREA, PER STANDARD PLANS INDEX 102-660; IMPLEMENT CROSSWALK AND PEDESTRIAN DETOUR.
3. RECONSTRUCT PAVEMENT, CURB RETURNS AND SIGNAL IMPROVEMENTS.
4. TO MAINTAIN PEDESTRIAN PATHWAY AND LIMIT TRAFFIC CONGESTION, CONSTRUCT ONLY ONE QUADRANT OF THE INTERSECTION AT A TIME.

PHASE II

1. UTILIZE FDOT STANDARD PLANS INDEX 102-614.
2. CLOSE SIDEWALK THAT LEADS TO WORK AREA, PER STANDARD PLANS INDEX 102-660; IMPLEMENT CROSSWALK AND PEDESTRIAN DETOUR.
3. RECONSTRUCT PAVEMENT, CONSTRUCT TRAFFIC SEPARATOR MEDIAN IMPROVEMENTS.
4. TO MAINTAIN PEDESTRIAN PATHWAY AND LIMIT TRAFFIC CONGESTION, CONSTRUCT ONLY ONE QUADRANT OF THE INTERSECTION AT A TIME.

PHASE III

1. UTILIZE FDOT STANDARD PLANS INDEXES 102-615, 102-616 AND 102-617.
2. CLOSE SIDEWALK THAT LEADS TO WORK AREA, PER STANDARD PLANS INDEX 102-660; IMPLEMENT CROSSWALK AND PEDESTRIAN DETOUR.
3. MILL AND RESURFACING AND PLACE PAVEMENT MARKINGS AND SIGNS.



JOHN YOUNG PARKWAY AT
CONROY RD. AND AMERICANA BLVD.

ADVANCE WARNING SIGN PLACEMENT
N.T.S.

REVISIONS				ORANGE COUNTY GOVERNMENT FLORIDA	DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FL 32814 CERT. OF AUTH.: 2648 COLETTE F. MOSS, P.E. P.E. NO.: 48263	DESIGN PLANS FOR:		TEMPORARY TRAFFIC CONTROL PLAN JOHN YOUNG PARKWAY	SHEET NO. 37
DATE	DESCRIPTION	DATE	DESCRIPTION			PROJECT NAME	PROJECT NO.		
						JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722		

TEXAS AVE. FROM DUNWOODIE BLVD TO RIO GRANDE AVE.

TEMPORARY TRAFFIC CONTROL
PHASING NOTES:

1. INSTALL EROSION CONTROL ITEMS.
2. PLACE ADVANCE WARNING SIGNS.

PHASE I

STA. 45+37.68 TO STA. 59+00.00

1. UTILIZE FDOT STANDARD PLANS INDEX 102-603.
2. PLACE A SIDEWALK CLOSED SIGN AT STA. 45+20.00.
3. CONSTRUCT SIDEWALK FROM STA. 45+37.68 TO 59+00.00.

PHASE IIA

STA. 59+00.00 TO STA. 70+00.00

1. UTILIZE PHASE IIA DETAILS, DETOUR AND FDOT STANDARD PLANS INDEX 102-603 AND 102-604.
2. CONSTRUCT PAVEMENT AND TRAFFIC SEPARATOR.
3. PHASE CONSTRUCTION TO OPEN EXISTING LANES TO TRAFFIC AT THE END OF THE ACTIVE WORK PERIOD.
4. PROVIDE OPTIONAL SHOULDER TREATMENT TO ELIMINATE DROP-OFFS IN CLEAR ZONES DURING INACTIVE WORK PERIODS.

PHASE IIB

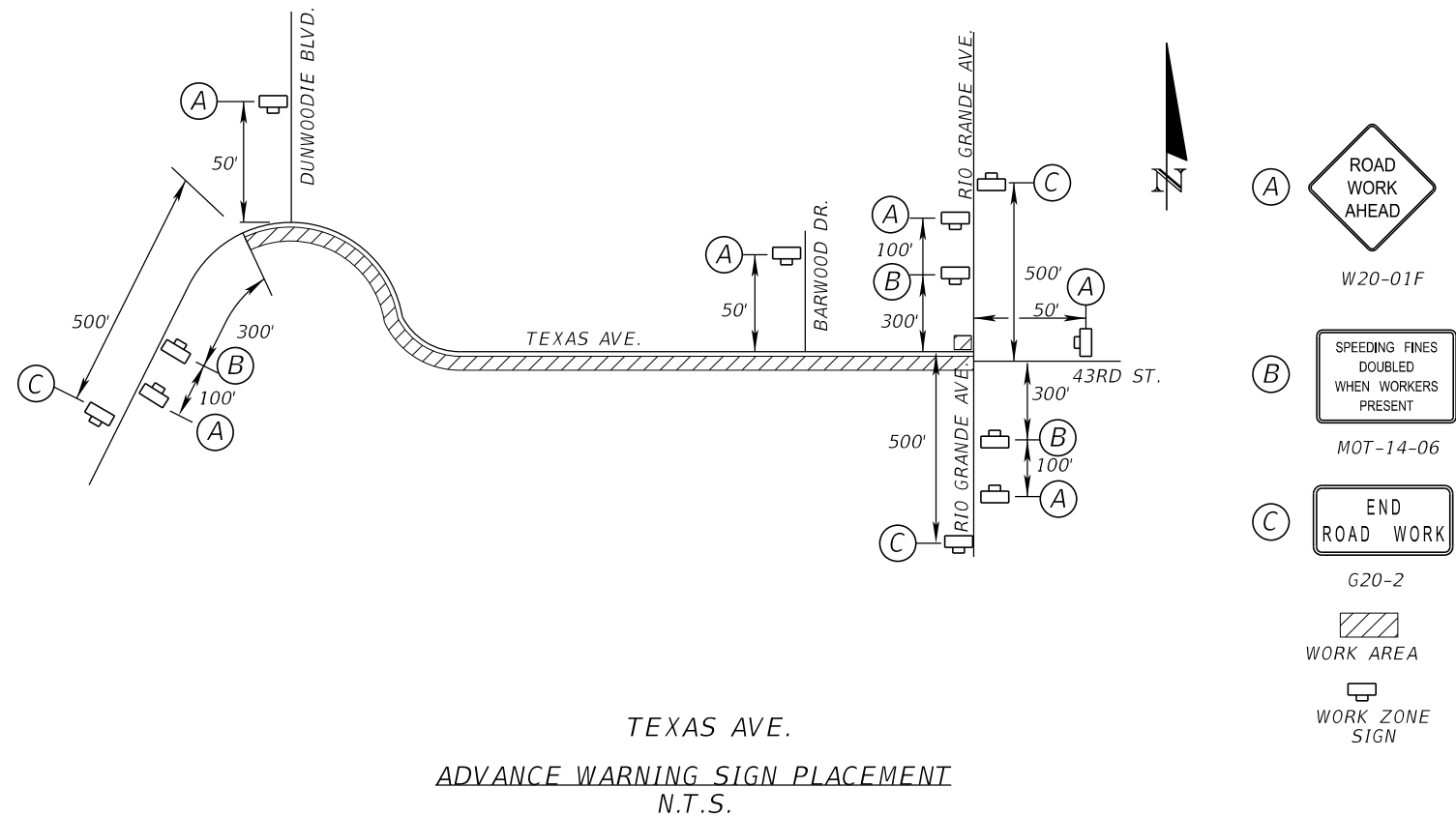
1. UTILIZE PHASE IIA DETAILS, PEDESTRIAN DETOUR AND FDOT STANDARD PLANS INDEX 102-603 AND 102-604.
2. CONSTRUCT DRAINAGE IMPROVEMENTS, SIDEWALK, CURB AND GUTTER AND PEDESTRIAN SIGNAL IMPROVEMENTS.
3. PHASE CONSTRUCTION TO OPEN PAVED LANES TO TRAFFIC AT THE END OF THE ACTIVE WORK PERIOD.
4. PROVIDE OPTIONAL SHOULDER TREATMENT TO ELIMINATE DROP-OFFS IN CLEAR ZONES DURING INACTIVE WORK PERIODS.

PHASE III

1. UTILIZE VEHICLE DETOURS AND PEDESTRIAN DETOUR FROM PHASE IIA AND IIB AND FDOT STANDARD PLAN INDEX 102-604.
2. CONSTRUCT SIDEWALK ON THE NORTHWEST QUADRANT OF RIO GRANDE AVENUE AND TEXAS AVENUE.
3. PHASE CONSTRUCTION TO OPEN PAVED LANES TO TRAFFIC AT THE END OF THE WORK PERIOD.

PHASE IV

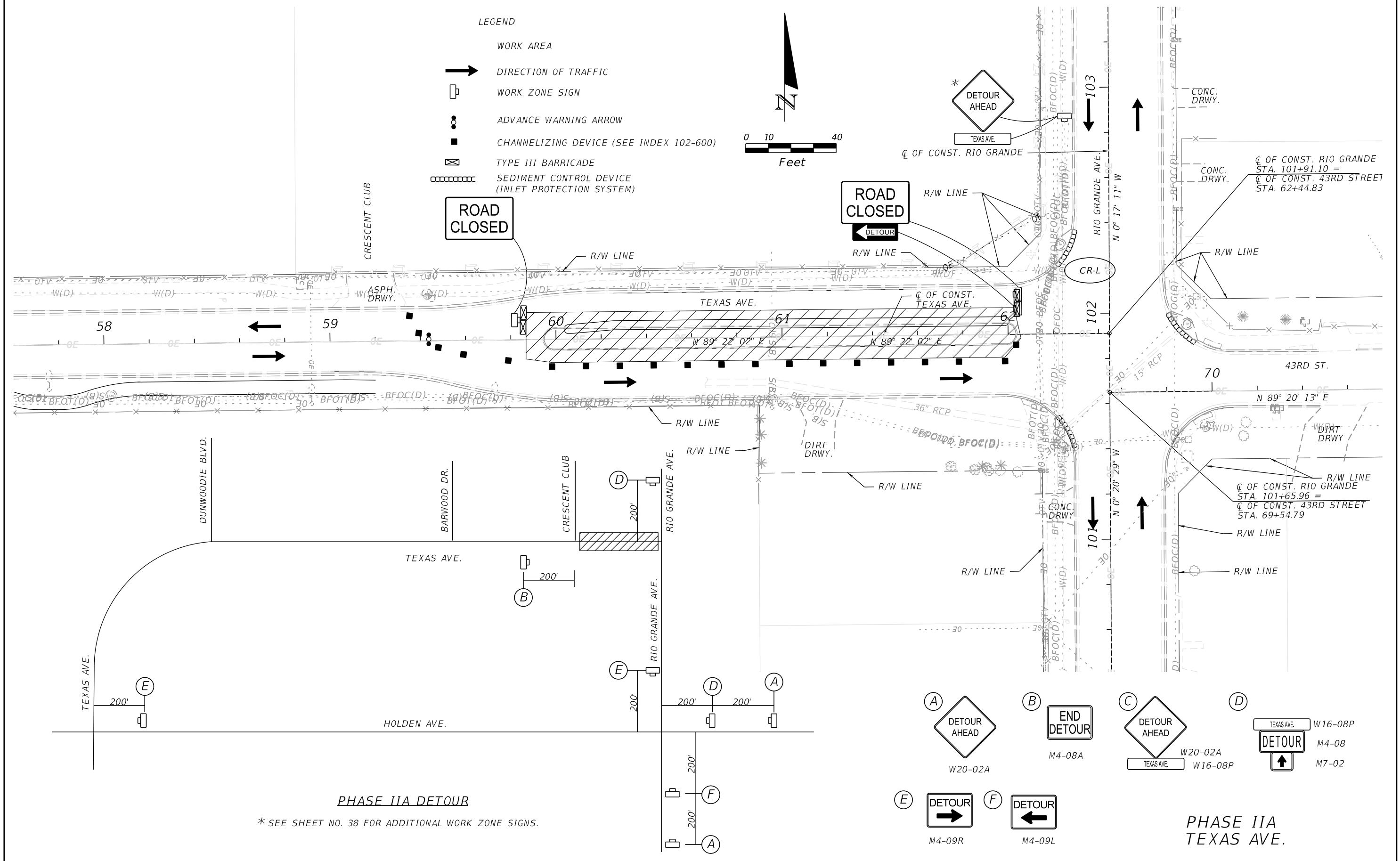
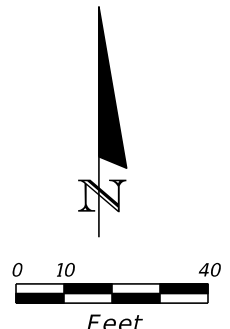
1. UTILIZE FDOT STANDARD PLANS INDEX 102-304 AND 102-604.
2. MILL AND RESURFACE, INSTALL SIGNAL IMPROVEMENTS AND PLACE PAVEMENT MARKINGS.



REVISIONS				ORANGE COUNTY GOVERNMENT FLORIDA	DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FL 32814 CERT. OF AUTH.: 2648 COLETTE F. MOSS, P.E. P.E. NO.: 48263	DESIGN PLANS FOR:		TEMPORARY TRAFFIC CONTROL PLAN TEXAS AVE. (1)	SHEET NO. 38
DATE	DESCRIPTION	DATE	DESCRIPTION			PROJECT NAME	PROJECT NO.		
						JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722		

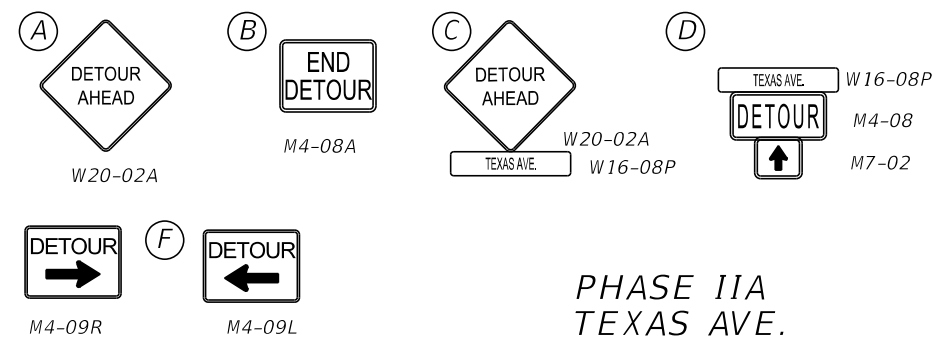
LEGEND

- WORK AREA
- DIRECTION OF TRAFFIC
- WORK ZONE SIGN
- ADVANCE WARNING ARROW
- CHANNELIZING DEVICE (SEE INDEX 102-600)
- TYPE III BARRICADE
- SEDIMENT CONTROL DEVICE (INLET PROTECTION SYSTEM)



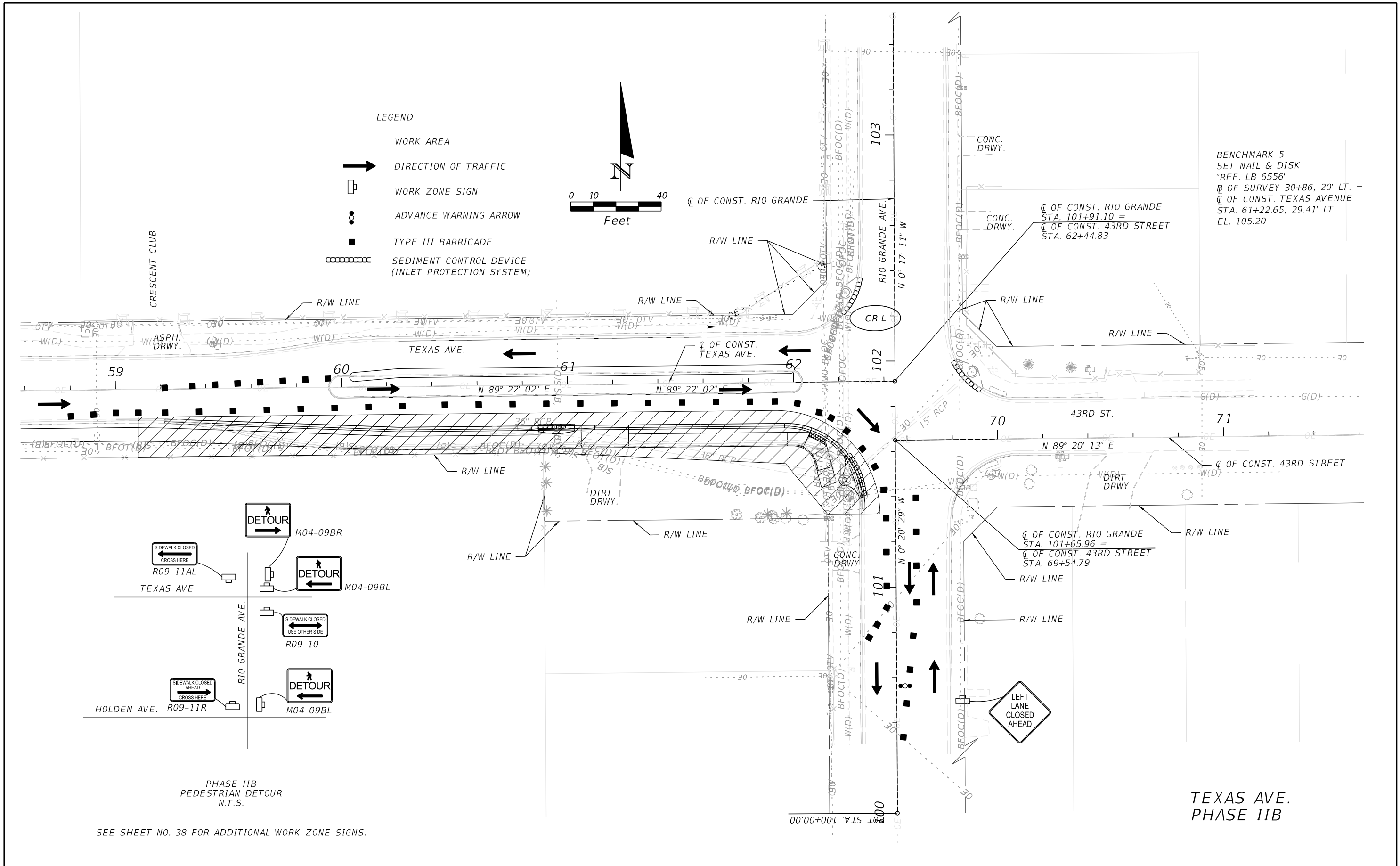
PHASE IIA DETOUR

* SEE SHEET NO. 38 FOR ADDITIONAL WORK ZONE SIGNS.



PHASE IIA TEXAS AVE.

REVISIONS				ORANGE COUNTY GOVERNMENT FLORIDA	DESIGN PLANS FOR:		TEMPORARY TRAFFIC CONTROL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		PROJECT NAME	PROJECT NO.		
					INTERSECTION IMPROVEMENTS		PLAN TEXAS AVE. (2)	39

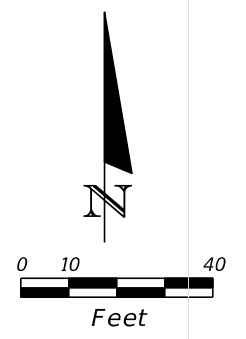
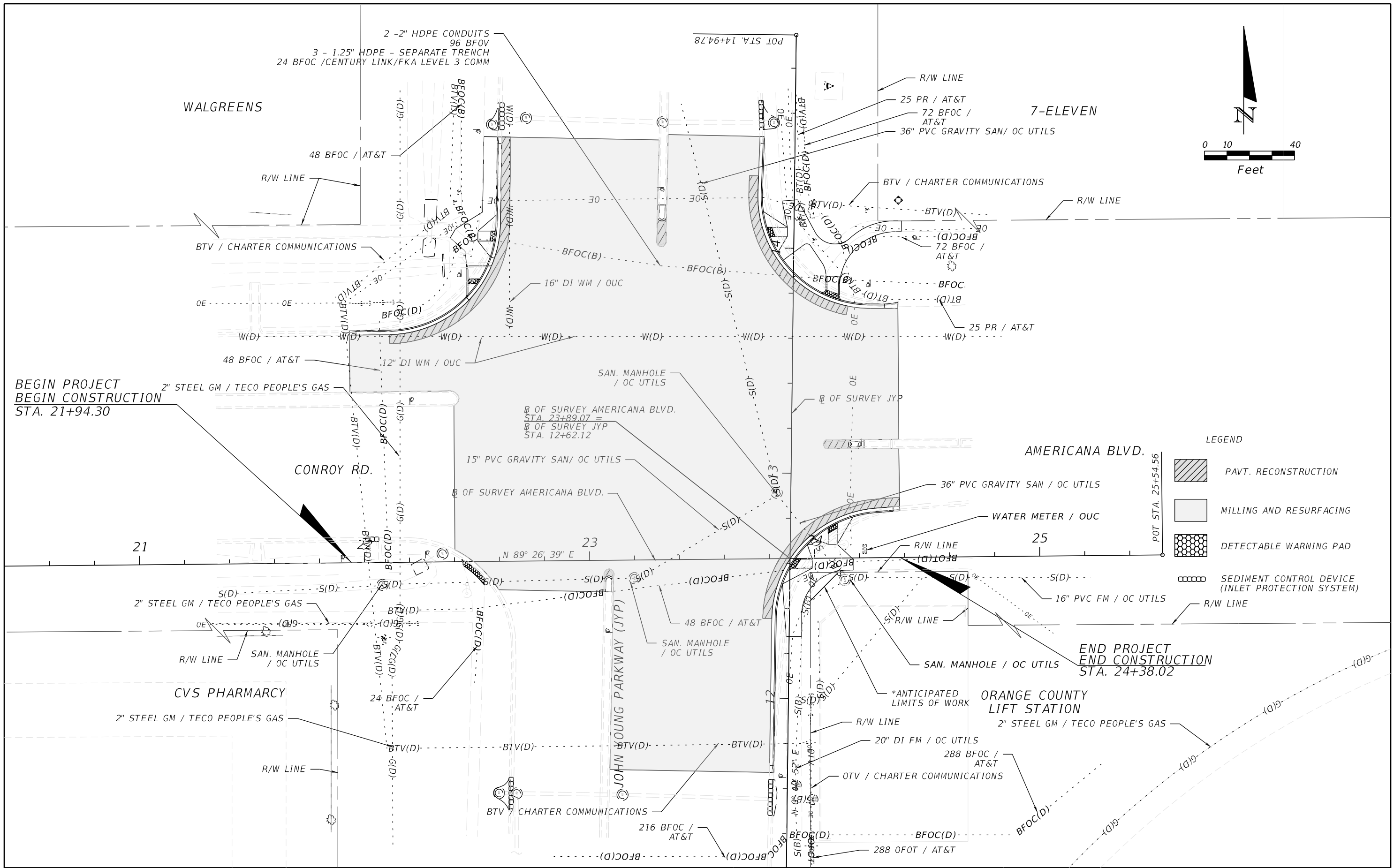


BENCHMARK 5
 SET NAIL & DISK
 "REF. LB 6556"
 B OF SURVEY 30+86, 20' LT. =
 C OF CONST. TEXAS AVENUE
 STA. 61+22.65, 29.41' LT.
 EL. 105.20

PHASE IIB
 PEDESTRIAN DETOUR
 N.T.S.

SEE SHEET NO. 38 FOR ADDITIONAL WORK ZONE SIGNS.

REVISIONS				ORANGE COUNTY GOVERNMENT FLORIDA	DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FL 32814 CERT. OF AUTH.: 2648 COLETTE F. MOSS, P.E. P.E. NO.: 48263	DESIGN PLANS FOR:		TEMPORARY TRAFFIC CONTROL PLAN TEXAS AVE. (3)	SHEET NO. 40
DATE	DESCRIPTION	DATE	DESCRIPTION			PROJECT NAME	PROJECT NO.		
						JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722		



LEGEND

	PAVT. RECONSTRUCTION
	MILLING AND RESURFACING
	DETECTABLE WARNING PAD
	SEDIMENT CONTROL DEVICE (INLET PROTECTION SYSTEM)

BEGIN PROJECT
BEGIN CONSTRUCTION
STA. 21+94.30

END PROJECT
END CONSTRUCTION
STA. 24+38.02

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

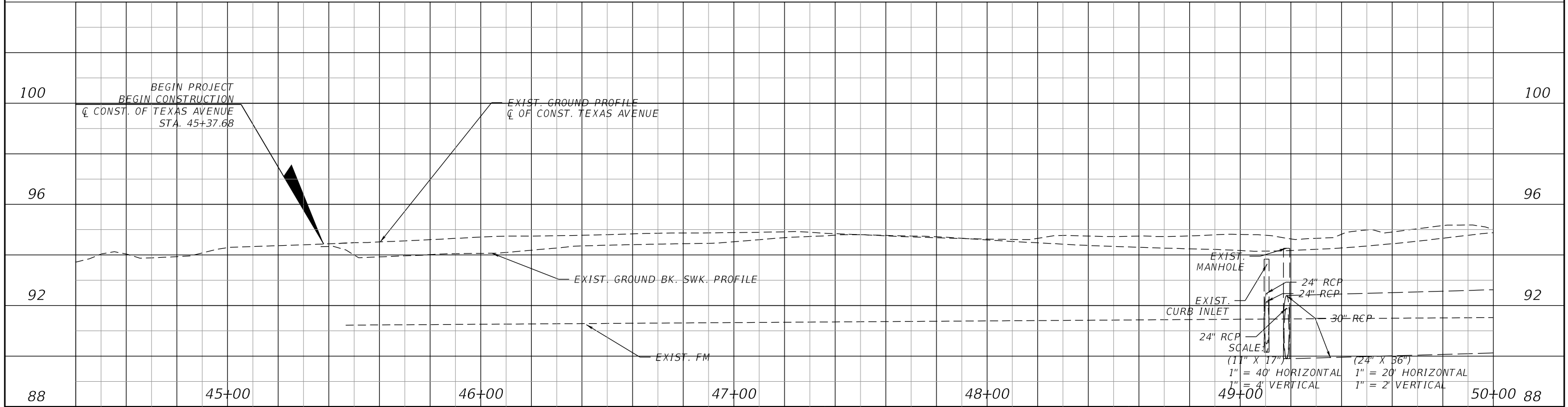
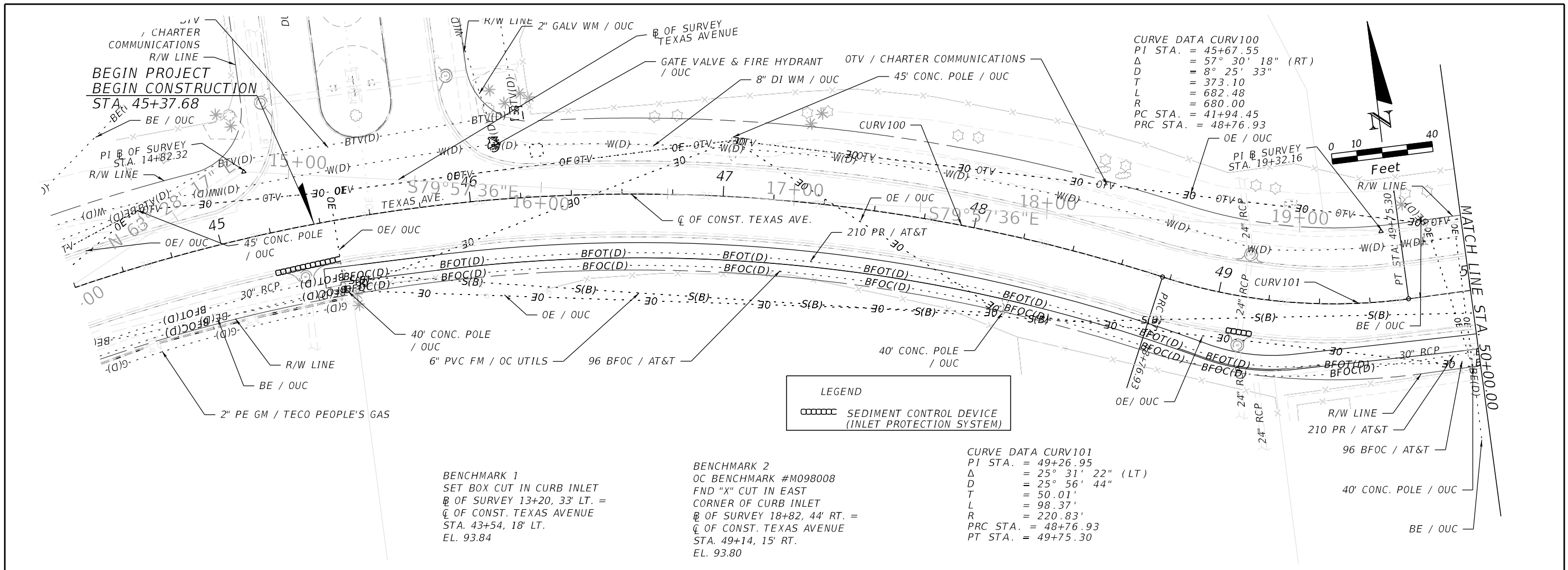
ORANGE COUNTY GOVERNMENT
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
 JOSEPH C. KUNKEL, P.E.
 P.E. NO.: 42629

DESIGN PLANS FOR:

INTERSECTION IMPROVEMENTS	
PROJECT NAME	PROJECT NO.
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722

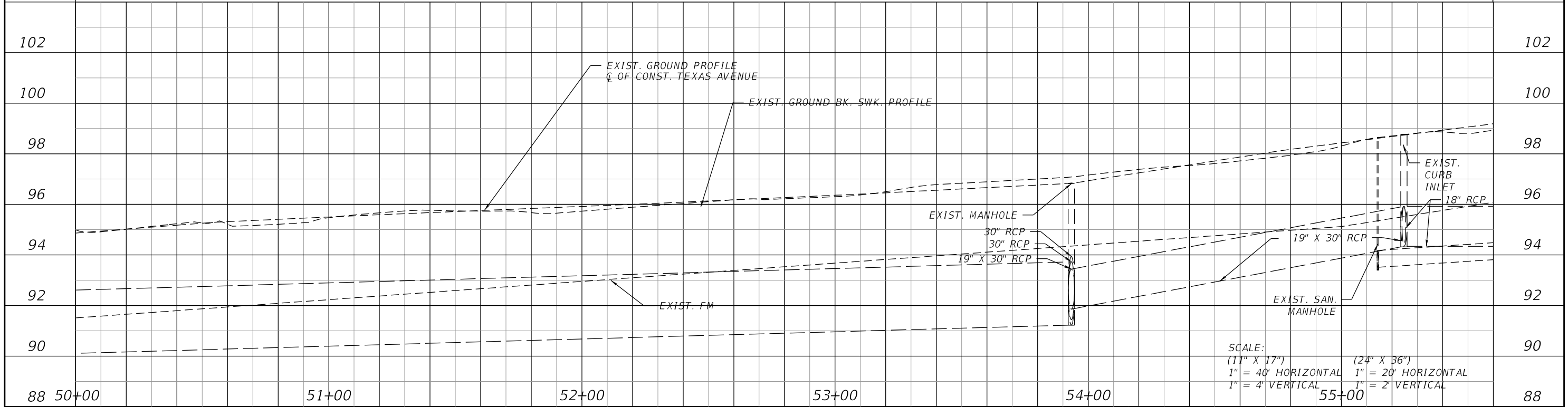
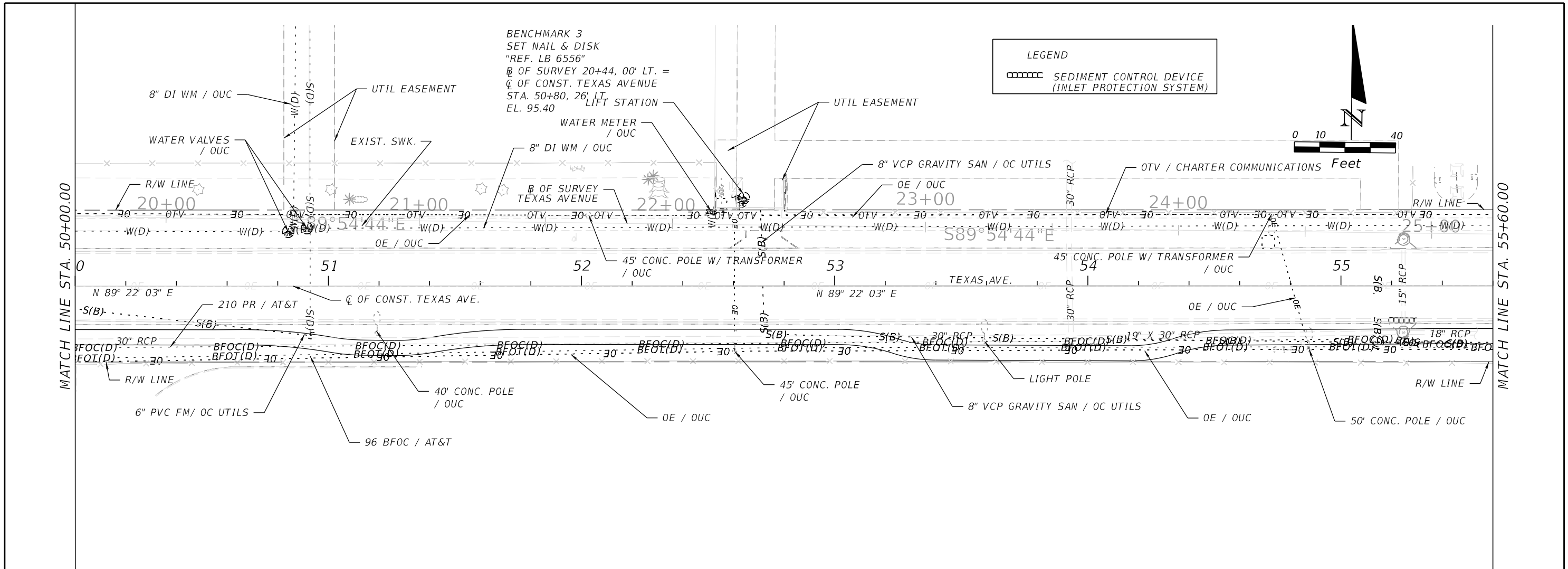
UTILITY ADJUSTMENT SHEET
JOHN YOUNG PARKWAY

SHEET NO.
41



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

	DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FL 32814 CERT. OF AUTH.: 2648 JOSEPH C. KUNKEL, P.E. P.E. NO.: 42629	DESIGN PLANS FOR: INTERSECTION IMPROVEMENTS PROJECT NAME: JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE. PROJECT NO.: CIP-2722	UTILITY ADJUSTMENT SHEET TEXAS AVE. (1) SHEET NO. 42
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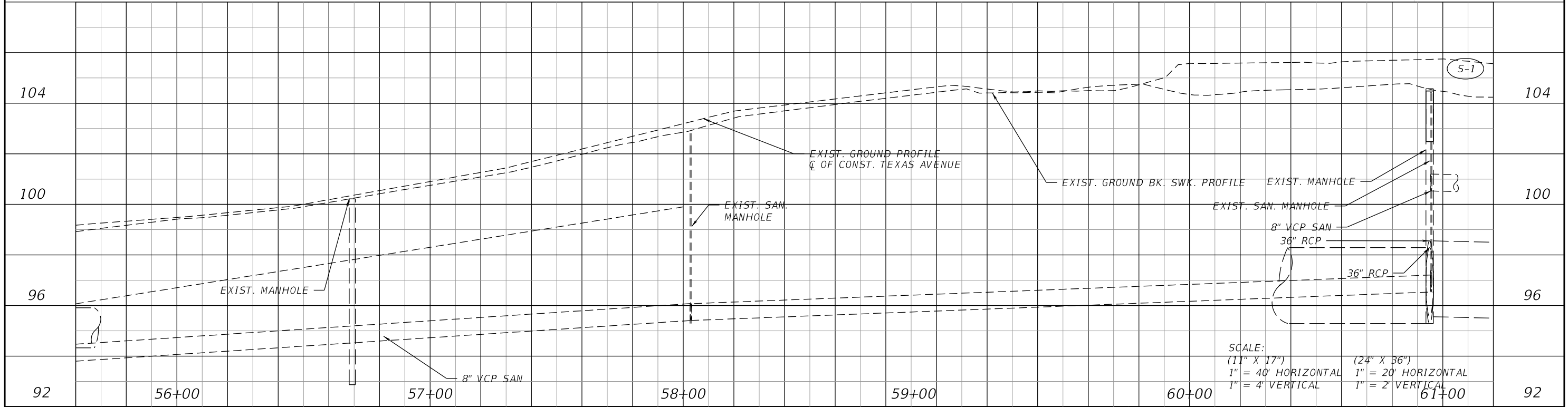
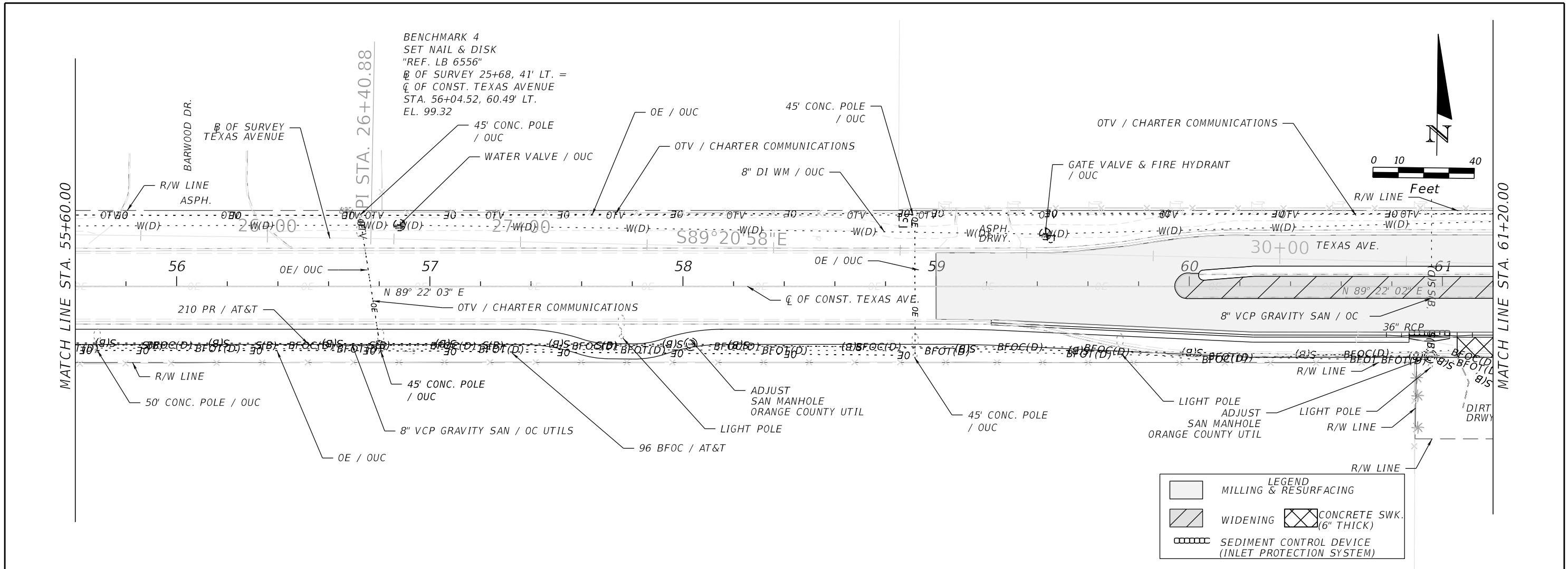


REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
 JOSEPH C. KUNKEL, P.E.
 P.E. NO.: 42629

DESIGN PLANS FOR:
INTERSECTION IMPROVEMENTS
 PROJECT NAME: JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.
 PROJECT NO.: CIP-2722

UTILITY ADJUSTMENT SHEET
TEXAS AVE. (2)
 SHEET NO. 43

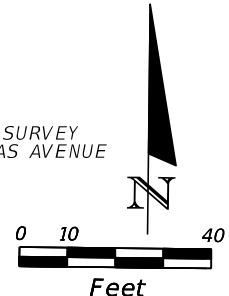
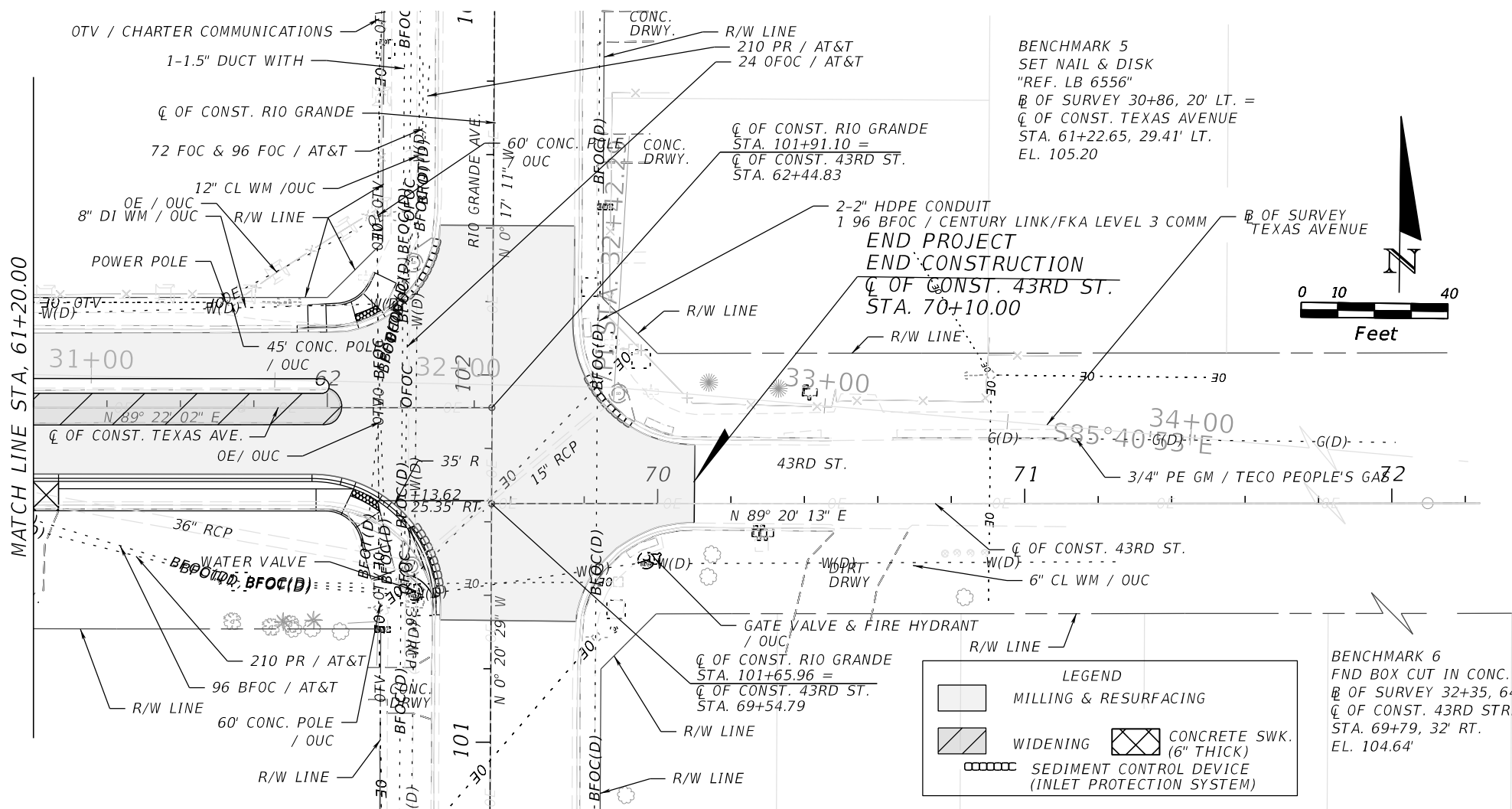


REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ORANGE COUNTY GOVERNMENT
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
 JOSEPH C. KUNKEL, P.E.
 P.E. NO.: 42629

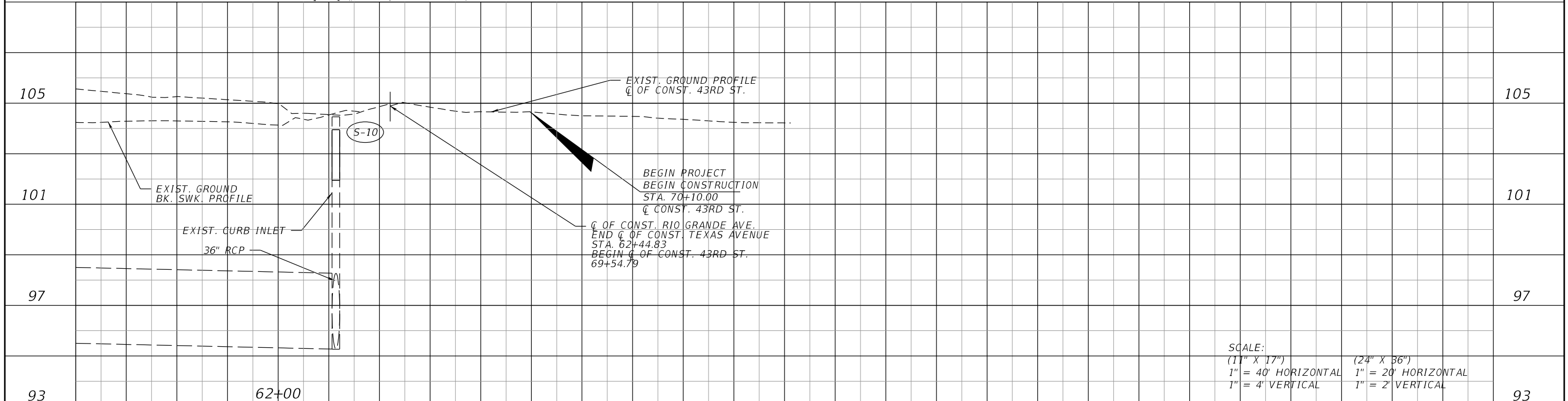
DESIGN PLANS FOR:
INTERSECTION IMPROVEMENTS
 PROJECT NAME: JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.
 PROJECT NO.: CIP-2722

UTILITY ADJUSTMENT SHEET
TEXAS AVE. (3)
 SHEET NO. 44



LEGEND

- MILLING & RESURFACING
- WIDENING
- CONCRETE SWK. (6" THICK)
- SEDIMENT CONTROL DEVICE (INLET PROTECTION SYSTEM)



SCALE:
 (11" X 17") 1" = 40' HORIZONTAL 1" = 4' VERTICAL
 (24" X 36") 1" = 20' HORIZONTAL 1" = 2' VERTICAL

REVISIONS				 DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FL 32814 CERT. OF AUTH.: 2648 JOSEPH C. KUNKEL, P.E. P.E. NO.: 42629	DESIGN PLANS FOR:		UTILITY ADJUSTMENT SHEET TEXAS AVE. (4)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		PROJECT NAME	PROJECT NO.		45
					JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722		

SUMMARY OF LUMP SUM ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
101-1	MOBILIZATION	1		JYP & TEXAS AVE.	
102-1	MAINTENANCE OF TRAFFIC	1		JYP & TEXAS AVE.	
104-14	PREVENTION, CONTROL & ABATEMENT OF EROSION AND WATER POLLUTION	1		JYP & TEXAS AVE.	
102-9	EXCAVATION, EMBANKMENT AND GRADING	1		JYP & TEXAS AVE.	
900-1	AS-BUILT PLANS	1		JYP & TEXAS AVE.	
900-2	INDEMFICATION	1		JYP & TEXAS AVE.	

SUMMARY OF EARTHWORK

PAY ITEM NO.	PAY ITEM DESCRIPTION	LS		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
120 9	EXCAVATION, EMBANKMENT, AND GRADING	1.00		JYP & TEXAS AVE.	
	REGULAR EXCAVATION	263 CY		TEXAS AVE. CROSS SECTIONS	
	EMBANKMENT	52 CY		TEXAS AVE. CROSS SECTIONS	

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS	
						STA. TO STA.		P	F			P
						P	F	P	F			
285 713	Optional Base Group 13 (8") (Type B-12.5 Only) (Black Base)	21+94.19 to 22+66.82	LT	4775	SY	96.5		271		JOHN YOUNG PARKWAY		
		23+72.36 to 24+38.02	LT	4737		74.1				JOHN YOUNG PARKWAY		
		23+76.67 to 24+38.19	LT/RT	4806		89.2				JOHN YOUNG PARKWAY		
		23+31.23 to 23+35.64	LT	5342		5.2				JOHN YOUNG PARKWAY		
		24+04.96 to 24+17.50	LT	5347		4.9				JOHN YOUNG PARKWAY		
		23+06.39 to 23+10.67	RT	5354		1.4				JOHN YOUNG PARKWAY		
327 70 6	Milling Exist Asph Pavt, 1.5" Avg Depth	11+66.96 to 14+49.86	LT/RT	5701	SY	4204.4		4204		JOHN YOUNG PARKWAY		
334 2 25	Superpave Asphaltic Concrete, Traffic C, 2.5", SP-12.5	12+35.30 to 12+89.92	LT/RT	6221	SY	39.0		139		JOHN YOUNG PARKWAY		
		12+51.31 to 12+56.48	LT	6068		1.4				JOHN YOUNG PARKWAY		
		13+11.10 to 13+15.30	RT	6022		4.9				JOHN YOUNG PARKWAY		
		13+55.49 to 14+47.91	LT	6200		52.8				JOHN YOUNG PARKWAY		
		13+70.63 to 14+32.12	LT/RT	6214		35.7				JOHN YOUNG PARKWAY		
		14+01.94 to 14+13.48	LT	6017		5.2				JOHN YOUNG PARKWAY		
337 7 83	Asphalt Concrete Friction Course, Traffic C, FC-12.5, PG 76-22, 1.5"	11+66.96 to 14+49.86	LT/RT		SY	4343.4		4343		JOHN YOUNG PARKWAY		

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION



DRMP, INC.
941 LAKE BALDWIN LANE
ORLANDO, FL 32814
CERT. OF AUTH.: 2648
JOSEPH C. KUNKEL, P.E.
P.E. NO.: 42629

DESIGN PLANS FOR:

INTERSECTION IMPROVEMENTS

PROJECT NAME	PROJECT NO.
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722

SUMMARY OF QUANTITIES


SHEET NO.

SQ-1

SUMMARY OF PAVEMENT											
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				P	F	P	F		
160 4	Type B Stabilization, LBR 40	59+94.25 to 62+03.96	LT/RT	7794	SY	286.1		286		TEXAS AVE	
285 713	Optional Base Group 13 (8") (Type B-12.5 Only) (Black Base)	59+94.25 to 62+03.96	LT/RT	4599	SY	198.9		309		TEXAS AVE	
		59+21.67 to 62+30.81	RT	8823	SY	110.0				TEXAS AVE	
327 70 6	Milling Exist Asph Pavt, 1.5" Avg Depth	58+99.98 to 61+82.85	LT/RT	8066	SY	843.3		1634		TEXAS AVE	
		101+33.01 to 102+40.69	LT/RT	8094		791.1				TEXAS AVE	
334 2 15	Superpave Asphaltic Concrete, Traffic C, 1.5", SP-12.5	59+94.25 to 62+03.96	LT/RT	8787		198.9		199		TEXAS AVE	
337 7 83	Asphalt Concrete Friction Course, Traffic C, FC-12.5, PG 76-22, 1.5"	58+99.98 to 61+82.85	LT/RT	8505	SY	1022.6		1833		TEXAS AVE	
		101+33.01 to 102+40.69	LT/RT	8465		810.8				TEXAS AVE	


SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS													
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS	
		STA. TO STA.			GROSS LENGTH	DEDUCTIONS TYPE	LENGTH	NET LENGTH P	F	P			F
520 1 10	Concrete Curb & Gutter, Type F	11+66.95 to 12+84.72	LT/RT	LF	150.9				150.9		397		JOHN YOUNG PARKWAY
		13+60.20 to 14+47.92	LT		131.3				131.3				JOHN YOUNG PARKWAY
		13+75.18 to 14+49.53	LT/RT		114.9				114.9				JOHN YOUNG PARKWAY
520 5 11	Traffic Separator Concrete - Type I, Option II, 4' wide	14+11.43 to 14+18.51	LT	LF	7.1				7.1		21		JOHN YOUNG PARKWAY
		23+08.32 to 23+08.55	RT		7.1				7.1				JOHN YOUNG PARKWAY
		24+15.49 to 24+22.48	LT		7.0				7.0				AMERICANA BLVD.

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS													
PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS	
		STA. TO STA.			GROSS LENGTH	DEDUCTIONS TYPE	LENGTH	NET LENGTH P	F	P			F
520 1 10	Concrete Curb & Gutter, Type F	59+21.75 to 62+29.64	RT	LF	330.6				330.6		362		TEXAS AVE
		61+91.79 to 62+20.98	LT		31.7				31.7				TEXAS AVE
520 5 11	Traffic Separator Concrete - Type I, Option II, 4' wide	60+03.65 to 60+25.51	LT	LF	21.9				21.9		197		TEXAS AVE
		60+25.51 to 62+00.51	LT		175.0				175.0				TEXAS AVE

<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <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>				REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION					 <p>DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FL 32814 CERT. OF AUTH.: 2648 JOSEPH C. KUNKEL, P.E. P.E. NO.: 42629</p>	<p>DESIGN PLANS FOR: INTERSECTION IMPROVEMENTS</p> <table border="1"> <tr> <td>PROJECT NAME</td> <td>PROJECT NO.</td> </tr> <tr> <td>JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.</td> <td>CIP-2722</td> </tr> </table>	PROJECT NAME	PROJECT NO.	JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722	<p style="text-align: center; font-size: 1.2em;">SUMMARY OF QUANTITIES</p>	<p>SHEET NO. SQ-2</p>
REVISIONS																							
DATE	DESCRIPTION	DATE	DESCRIPTION																				
PROJECT NAME	PROJECT NO.																						
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722																						


SUMMARY OF SIDEWALK & DETECTABLE WARNINGS									
LOCATION	SIDE	AREA ID	CONC SIDEWALK 4" THICK (INCLUDES COMPACTION)		DETECTABLE WARNINGS (ON WALKING SURFACES)		DESIGN NOTES	CONSTRUCTION REMARKS	
			522 1		527 2				
			SY		SF				
STA. TO STA.			P	F	P	F			
12+27.43 to 12+80.90	LT/RT	6687	75.0					JOHN YOUNG PARKWAY	
13+76.66 to 14+47.98	LT	6697	66.0					JOHN YOUNG PARKWAY	
13+77.23 to 14+21.57	LT/RT	6662	79.3					JOHN YOUNG PARKWAY	
12+48.65 to 12+60.03	LT	6410			26.1			JOHN YOUNG PARKWAY	
12+57.84 to 12+61.90	LT/RT	6416			9.5			JOHN YOUNG PARKWAY	
12+73.49 to 12+78.08	RT	6421			9.2			JOHN YOUNG PARKWAY	
13+77.66 to 13+89.22	LT	6443			19.3			JOHN YOUNG PARKWAY	
13+77.76 to 13+81.70	RT	6426			11.5			JOHN YOUNG PARKWAY	
14+01.61 to 14+06.12	LT	6438			9.1			JOHN YOUNG PARKWAY	
14+05.18 to 14+09.19	LT	6433			8.5			JOHN YOUNG PARKWAY	
			SUB-TOTAL:		220.3		93.2		
			TOTAL:		220		93		

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS											
LOCATION	SIDE	AREA ID	CONC SIDEWALK 4" THICK (INCLUDES COMPACTION)		CONC SIDEWALK 6" THICK (INCLUDES COMPACTION)		DETECTABLE WARNINGS (ON WALKING SURFACES)		DESIGN NOTES	CONSTRUCTION REMARKS	
			522 1		522 2		527 2				
			SY		SY		SF				
STA. TO STA.			P	F	P	F	P	F			
45+37.68 to 48+90.42	RT	6455	229.2							TEXAS AVE	
48+89.92 to 53+76.08	RT	6466	327.6							TEXAS AVE	
53+76.01 to 57+76.23	RT	6497	267.6							TEXAS AVE	
57+76.17 to 61+05.83	RT	6517	224.5							TEXAS AVE	
61+26.83 to 62+18.41	RT	6547	72.0							TEXAS AVE	
61+94.64 to 62+18.80	LT	6570	18.2							TEXAS AVE	
61+05.83 to 61+26.83	RT	6847			18.7					TEXAS AVE	
62+06.27 to 62+14.36	RT	7066					16.4			TEXAS AVE	
62+07.50 to 62+14.80	LT	7059					13.7			TEXAS AVE	
			SUB-TOTAL:		1139.1		18.7		30.1		
			TOTAL:		1139		19		30		

REVISIONS				 DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FL 32814 CERT. OF AUTH.: 2648 JOSEPH C. KUNKEL, P.E. P.E. NO.: 42629	DESIGN PLANS FOR:		SUMMARY OF QUANTITIES	SHEET NO. SQ-3
DATE	DESCRIPTION	DATE	DESCRIPTION		INTERSECTION IMPROVEMENTS			
					PROJECT NAME	PROJECT NO.		
					JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722		

SUMMARY OF PERFORMANCE TURF						
LOCATION	SIDE	AREA ID	PERFORMANCE TURF (MATCH EXISTING)		DESIGN NOTES	CONSTRUCTION REMARKS
			570	1 1		
STA. TO STA.			SY			
			P	F		
11+66.87 to 12+50.81	LT	7538	41.7		JOHN YOUNG PARKWAY	
12+27.52 to 12+57.27	RT	7549	13.9		JOHN YOUNG PARKWAY	
12+74.24 to 12+83.92	RT	7608	4.6		JOHN YOUNG PARKWAY	
13+75.68 to 13+81.38	RT	7591	4.9		JOHN YOUNG PARKWAY	
13+80.73 to 14+01.65	LT/RT	7665	25.2		JOHN YOUNG PARKWAY	
13+91.63 to 13+96.22	LT	7686	0.4		JOHN YOUNG PARKWAY	
13+97.93 to 14+01.77	LT	7690	0.2		JOHN YOUNG PARKWAY	
14+02.15 to 14+12.85	RT	7632	6.2		JOHN YOUNG PARKWAY	
14+09.27 to 14+49.92	LT	7652	31.8		JOHN YOUNG PARKWAY	
14+14.00 to 14+29.74	LT	7695	0.4		JOHN YOUNG PARKWAY	
SUB-TOTAL:			129.3			
TOTAL:			129			

SUMMARY OF PERFORMANCE TURF						
LOCATION	SIDE	AREA ID	PERFORMANCE TURF (MATCH EXISTING)		DESIGN NOTES	CONSTRUCTION REMARKS
			570	1 1		
STA. TO STA.			SY			
			P	F		
45+38.18 to 48+55.32	RT	5722	73.5		TEXAS AVE	
45+43.94 to 48+54.47	RT	5715	160.0		TEXAS AVE	
48+53.96 to 52+99.77	RT	5776	287.0		TEXAS AVE	
48+55.10 to 52+99.86	RT	5793	145.6		TEXAS AVE	
52+99.69 to 58+99.91	RT	5902	359.2		TEXAS AVE	
52+99.83 to 55+21.33	RT	5886	131.3		TEXAS AVE	
55+27.35 to 59+00.00	RT	5900	107.9		TEXAS AVE	
58+99.83 to 60+83.99	RT	5998	80.1		TEXAS AVE	
58+99.98 to 60+86.83	RT	6020	41.8		TEXAS AVE	
60+83.97 to 61+08.26	RT	6104	10.0		TEXAS AVE	
61+06.00 to 62+11.89	RT	6169	62.8		TEXAS AVE	
61+26.83 to 62+07.14	RT	6182	17.0		TEXAS AVE	
61+94.64 to 62+12.83	LT	6235	6.0		TEXAS AVE	
62+15.40 to 62+28.66	RT	6207	10.9		TEXAS AVE	
SUB-TOTAL:			1493.1			
TOTAL:			1493			

REVISIONS				 DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FL 32814 CERT. OF AUTH.: 2648 JOSEPH C. KUNKEL, P.E. P.E. NO.: 42629	DESIGN PLANS FOR:		SUMMARY OF QUANTITIES	SHEET NO. SQ-4
DATE	DESCRIPTION	DATE	DESCRIPTION		INTERSECTION IMPROVEMENTS			
					PROJECT NAME	PROJECT NO.		
					JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP-2722		

DATE OF SURVEY: MAY 2018
 SURVEY MADE BY: GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC.
 SUBMITTED BY: CRAIG G. BALLOCK, P.E.

COUNTY: ORANGE

CROSS SECTION SOIL SURVEY FOR THE DESIGN OF ROADS

PROJECT NAME: TEXAS AVENUE AT RIO GRANDE
 INTERSECTION IMPROVEMENTS

APPROXIMATE BEGIN STA.: 45+40 APPROXIMATE END STA.: 71+10

STATIONS REFERENCE: CENTERLINE OF CONSTRUCTION

STRATUM NO.	ORGANIC CONTENT		MOISTURE CONTENT		SIEVE ANALYSIS RESULTS PERCENT PASS (%)					ATTERBERG LIMITS (%)			AASHTO GROUP	DESCRIPTION	CORROSION TEST RESULTS					
	NO. OF TESTS	% ORGANIC	NO. OF TESTS	MOISTURE CONTENT	NO. OF TESTS	10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT			PLASTIC INDEX	NO. OF TESTS	RESISTIVITY ohm-cm	CHLORIDE ppm	SULFATES ppm	pH
1	0	-	0	-	2	100	99	93-95	47-60	5-6	0	-	-	A-3	LIGHT BROWN TO BROWN TO DARK BROWN FINE SAND TO FINE SAND WITH SILT	0	-	-	-	-
2	0	-	0	-	1	100	99	94	60	11	0	-	-	A-2-4	LIGHT BROWN TO BROWN FINE SAND WITH SILT TO SILTY FINE SAND	0	-	-	-	-
3	0	-	1	11	1	100	99	95	62	23	1	NP	NP	A-2-4	BROWN SILTY FINE SAND	0	-	-	-	-

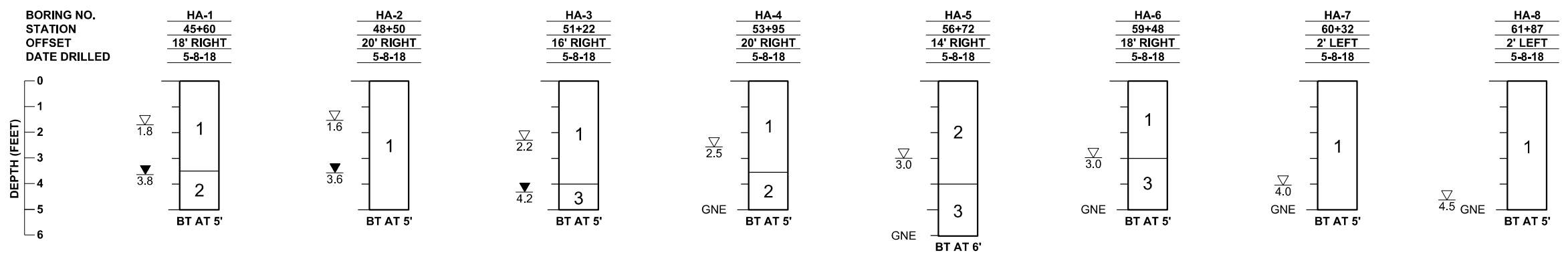
NOTES

1. STRATA BOUNDARIES ARE APPROXIMATE AND REPRESENT SOIL STRATA AT EACH TEST HOLE LOCATION ONLY. ANY STRATUM CONNECTING LINES THAT ARE SHOWN ARE FOR ESTIMATING EARTHWORK ONLY AND DO NOT INDICATE ACTUAL STRATUM LIMITS. SUBSURFACE VARIATIONS BETWEEN BORINGS SHOULD BE ANTICIPATED AS INDICATED IN ARTICLE 2-4 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. FOR FURTHER DETAILS SEE ARTICLE 120-3 OF THE FDOT SPECIFICATIONS.
2. WATER TABLE SHOWN AS ▼ WHERE ENCOUNTERED AT TIME OF SURVEY. ESTIMATED SEASONAL HIGH SHOWN AS ▽. WATER TABLE SHOWN AS "GNE" WHEN GROUNDWATER WAS NOT ENCOUNTERED AT TIME OF SURVEY.
3. REMOVAL OF MUCK AND PLASTIC MATERIAL OCCURRING WITHIN ROADWAY SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE FDOT STANDARD PLANS UNLESS OTHERWISE SHOWN ON PLANS. THE MATERIAL USED IN EMBANKMENT CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FDOT STANDARD PLANS.
4. SOIL ANALYSIS INCLUDES DATA FROM ROADWAY BORINGS.
5. THE SYMBOL "-" REPRESENTS AN UNMEASURED PARAMETER.
6. STRATA 1 AND 2 SHALL BE TREATED AS SELECT (S) MATERIAL IN ACCORDANCE WITH THE FDOT STANDARD PLANS.
7. STRATUM 3 SHALL BE TREATED AS PLASTIC (P) MATERIAL IN ACCORDANCE WITH FDOT STANDARD PLANS.

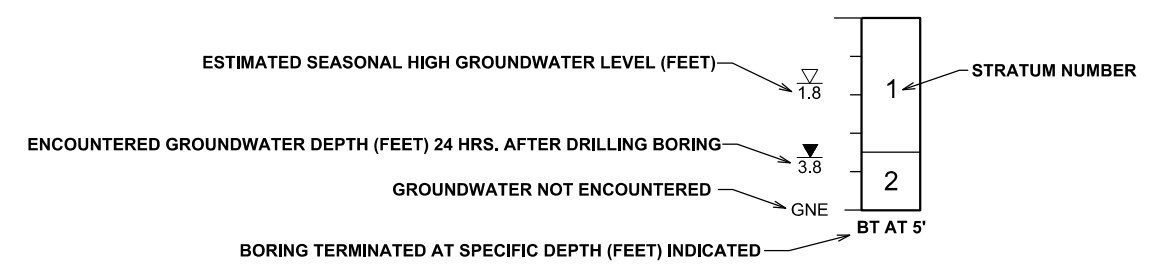
6/11/2019 9:00:29 AM P:\P\ro\sects\4-0435-006-Texas-Avenue-000001-Texas-and-JYP-Geotech\rdssgao1.X-DGN

REVISIONS DATE BY DESCRIPTION DATE BY DESCRIPTION		 ORANGE COUNTY PUBLIC WORKS ENGINEERING DIVISION 4200 SOUTH JOHN YOUNG PARKWAY ORLANDO, FLORIDA 32839-9205 (407) 836-7808	DESIGN PLAN FOR:  GEC Geotechnical & Environmental Consultants, Inc. 391 W. Lake Nona Blvd. Lake Nona, FL 32827-4300 (407) 281-4400	ORANGE COUNTY, FLORIDA TEXAS AVENUE AND RIO GRANDE INTERSECTION IMPROVEMENTS ROADWAY SOIL SURVEY	SHEET NO. G-1
			PROJECT NAME: TEXAS AVENUE AND RIO GRANDE INTERSECTION IMPROVEMENTS PROJECT NO.: CIP-2722	FIGURE 4	

6/11/2019 8:59:50 AM P:\P\ro\lects\4-0435-006_Texas_Avenue\000001_Texas_and_JYP_Geotech\4181G_bor\InaX-DGN



BORING LEGEND



STRATUM NO.	AASHTO CLASSIFICATION	SOIL DESCRIPTION
1	A-3	LIGHT BROWN TO BROWN TO DARK BROWN FINE SAND TO FINE SAND WITH SILT
2	A-2-4	LIGHT BROWN TO BROWN FINE SAND WITH SILT TO SILTY FINE SAND
3	A-2-4	BROWN SILTY FINE SAND



BOUNDARY & TOPOGRAPHIC SURVEY OF JOHN YOUNG PARKWAY AT AMERICANA BOULEVARD INTERSECTION IMPROVEMENTS

LYING IN SECTION 16, TOWNSHIP 23 SOUTH, RANGE 29 EAST
ORANGE COUNTY, FLORIDA

GENERAL NOTES

- THE PURPOSE OF SURVEY IS TO ESTABLISH THE EXISTING RIGHT OF WAY LINES OF THE INTERSECTION OF JOHN YOUNG PARKWAY AND AMERICANA BOULEVARD. THE SURVEY SHALL EXTEND APPROXIMATELY 200 FEET IN EACH DIRECTION, A LENGTH OF APPROXIMATELY 800 FEET, BY ESTABLISHING OR RE-ESTABLISHING CORNERS, MONUMENTS AND BOUNDARY LINES, AND TO ESTABLISH THE HORIZONTAL AND VERTICAL SPATIAL RELATIONSHIP OF THE NATURAL OR MANMADE FEATURES LYING WITHIN THE DEFINED LIMITS NOTED ABOVE AND TWENTY FIVE FEET OUTSIDE THE EXISTING RIGHT OF WAY WHERE ACCESSIBLE.
- BEARINGS AND COORDINATES SHOWN HEREON ARE RELATIVE TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM OF 1983/2011 ADJUSTMENT (NAD83/2011), ZONE 901, FLORIDA EAST, WITH THE EAST RIGHT OF WAY LINE OF JOHN YOUNG PARKWAY, HAVING A BEARING OF NORTH 00°00'35" WEST.
- ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AS ESTABLISHED FROM THE FOLLOWING ORANGE COUNTY BENCHMARK:

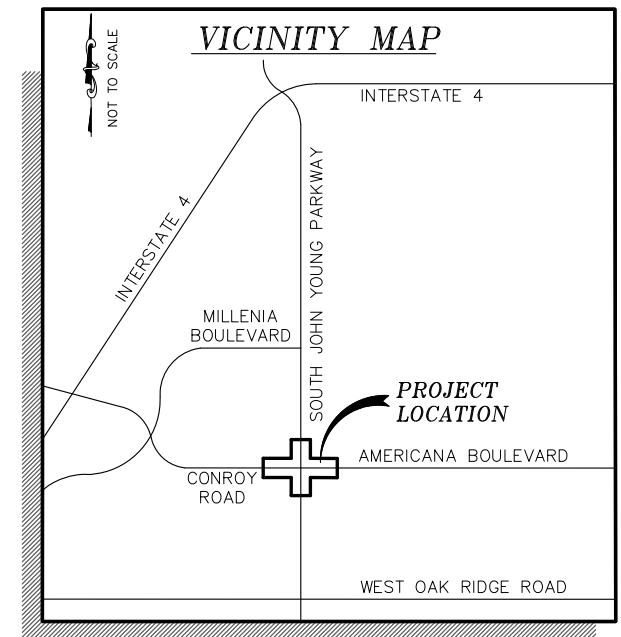
R367032: FOUND "SQUARE" CUT IN CENTER OF SIDEWALK, ±1 FOOT SOUTH OF THE NORTH END OF SIDEWALK, ON THE EAST SIDE OF MOXIE BOULEVARD, ±100 FEET SOUTH OF AMERICANA BOULEVARD, ON THE NORTH SIDE OF WINTER RUN SUBDIVISION.
PUBLISHED ELEVATION = 94.508 FEET (NAVD88)
- ALL RECORDING REFERENCES ON THIS SURVEY SHALL REFER TO THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA, UNLESS OTHERWISE NOTED.
- UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER, THIS DRAWING, SKETCH, PLAT, OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.
- THE SURVEYOR HAS NOT ABSTRACTED THE LANDS SHOWN HEREON FOR EASEMENTS AND/OR RIGHT OF WAY RECORDS. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.
- ACCORDING TO THE FLOOD INSURANCE RATE MAP (FIRM), DATED SEPTEMBER 25, 2009 THE SURVEY LIMITS SHOWN HEREON APPEARS TO LIE IN FLOOD ZONE ZONE "X", AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, AS LOCATED ON COMMUNITY PANEL NO. 120179-0410-F, MAP NUMBER 12095C0410F.
- THE LOCATION OF UNDERGROUND UTILITY LINES SHOWN HEREON WERE DETERMINED BY A COMBINATION OF PHYSICAL MARKINGS MADE BY THE UTILITY COMPANIES IN RESPONSE TO CALL SUNSHINE LOCATE REQUEST, TICKET NUMBER 191813603, AND BY EXAMINATION OF SURFACE APPURTENANCES OF SAID UTILITIES. NO UNDERGROUND INSTALLATIONS OR IMPROVEMENTS HAVE BEEN LOCATED EXCEPT AS SHOWN.

LEGEND

- | | |
|------------------------------------|-------------------------------|
| = BIKE LANE | = POWER POLE WITH TRANSFORMER |
| = BURIED ELECTRIC LINE | = SANITARY SEWER VALVE COVER |
| = BURIED FIBER OPTIC CABLE | = SERVICE BOX |
| = BURIED FORCE MAIN (UNKNOWN TYPE) | = SINGLE SUPPORT SIGN |
| = ELECTRIC METER | = SPOT ELEVATION |
| = END NOT FOUND/NOT LOCATED | = TRAFFIC SIGNAL POLE |
| = GUY ANCHOR | = TRANSFORMER |
| = LIGHT POLE | = TREE OAK |
| = MONITORING WELL | = UTILITY MARKER |
| = OVERHEAD WIRE | = WATER METER |
| = POST (6"x6" CONCRETE) | = WIRE PULL BOX |
| = POWER POLE | |

ABBREVIATIONS

- | | |
|---------------------------|--|
| BL = BASELINE | NAVD88 = NORTH AMERICAN VERTICAL DATUM OF 1988 |
| BC = BACK OF CURB | N = NORTHING |
| (C) = CALCULATED | N/A = NOT APPLICABLE |
| CLD = CENTERLINE OF DITCH | NO. = NUMBER |
| CONC = CONCRETE | ORB = OFFICIAL RECORDS BOOK |
| CBW = CONCRETE BLOCK WALL | OC = ORANGE COUNTY |
| CF = CONCRETE FLUME | PG = PAGE |
| CM = CONCRETE MONUMENT | PGS = PAGES |
| CSL = CONCRETE SLAB | PRM = PERMANENT REFERENCE MONUMENT |
| COR = CORNER | (P) = PLAT |
| (D) = DEED | PB = PLAT BOOK |
| DB = DEED BOOK | PVC = POLYVINYL CHLORIDE PIPE |
| E = EASTING | PI = POINT OF INTERSECTION |
| EP = EDGE OF PAVEMENT | POT = POINT ON TANGENT |
| EL = ELEVATION | R = RADIUS |
| (F) = FIELD | RGE. = RANGE |
| FND = FOUND | RLS = REGISTERED LAND SURVEYOR |
| ID = IDENTIFICATION | RCP = REINFORCED CONCRETE PIPE |
| INV = INVERT | RT = RIGHT |
| IR = IRON ROD | R/W = RIGHT OF WAY |
| IRC = IRON ROD & CAP | SEC. = SECTION |
| LL = LANE LINE | SW = SIDEWALK |
| LT = LEFT | STA = STATION |
| LB = LICENSED BUSINESS | TOS = TOE OF SLOPE |
| MES = MITERED END SECTION | TOB = TOP OF BANK |
| | TWP. = TOWNSHIP |
| | W/ = WITH |



PREPARED FOR:

DRMP, INC.
ORANGE COUNTY ENGINEERING
PUBLIC WORKS ROADS AND DRAINAGE
DIVISION

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT A SURVEY OF THE PROPERTY SHOWN HEREON WAS MADE UNDER MY SUPERVISION AND THAT THIS SURVEY WAS PERFORMED IN ACCORDANCE WITH THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS, CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES AND THAT THE SKETCH HEREON IS A TRUE AND ACCURATE REPRESENTATION THEREOF TO THE BEST OF MY KNOWLEDGE AND BELIEF. SUBJECT TO NOTES AND NOTATIONS SHOWN

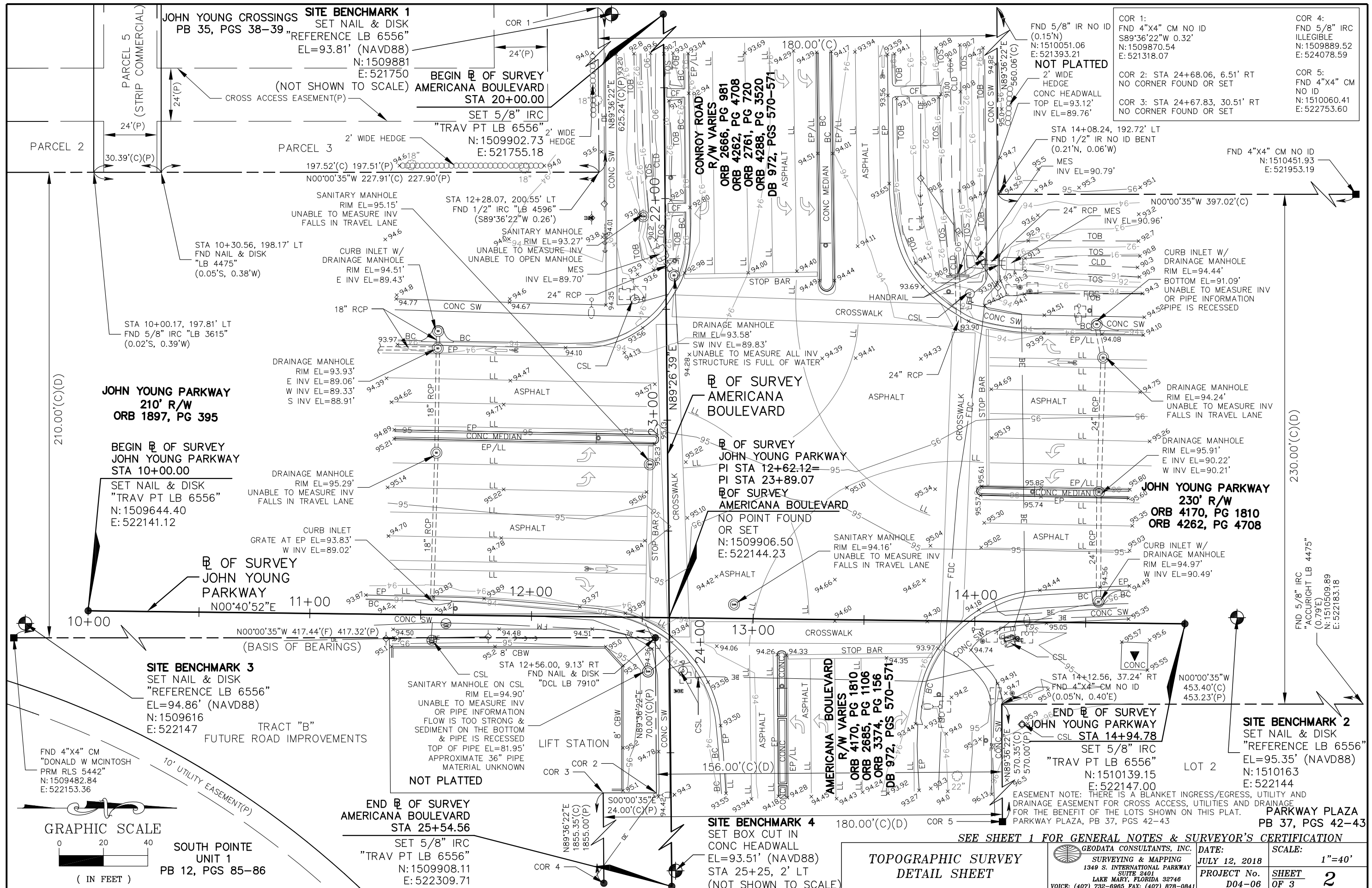
THIS _____ DAY OF _____, 20____

H. Paul deVivero, Professional Land Surveyor No. 4990
Land Surveyor Business License No. 6556
VALID ONLY WITH SIGNATURE AND EMBOSSED SEAL

SHEET INDEX

SHEET	CONTENTS
1	COVER
2	DETAIL SHEET
3	REFERENCES

GEODATA CONSULTANTS, INC. SURVEYING & MAPPING 1349 SOUTH INTERNATIONAL PARKWAY SUITE 2401 LAKE MARY, FLORIDA 32746 VOICE: (407) 732-6965 FAX: (407) 878-0841			DRAWN BY: RJG	CHECKED BY: RJH/DW
			LAST DATE OF FIELD SURVEY: JUNE 28, 2018	
			FIELD BOOK 18-07, PAGES 50-69	
			SEC. 16, TWP. 23 SOUTH, RGE. 29 EAST ORANGE COUNTY, FLORIDA	
No.	DATE	REVISION	DATE:	SCALE:
			JULY 12, 2018	N/A
			PROJECT No. D04-06	SHEET OF 3 1



COR 1:
FND 4"x4" CM NO ID
S89°36'22"W 0.32'
N: 1509881
E: 521393.21

COR 2: STA 24+68.06, 6.51' RT
NO CORNER FOUND OR SET

COR 3: STA 24+67.83, 30.51' RT
NO CORNER FOUND OR SET

COR 4:
FND 5/8" IRC
ILLEGIBLE
N: 1509889.52
E: 524078.59

COR 5:
FND 4"x4" CM
NO ID
N: 1510060.41
E: 522753.60

SITE BENCHMARK 1
SET NAIL & DISK
"REFERENCE LB 6556"
EL=93.81' (NAVD88)
N: 1509881
E: 521750

BEGIN OF SURVEY
AMERICANA BOULEVARD
STA 20+00.00
SET 5/8" IRC
"TRAV PT LB 6556"
N: 1509902.73
E: 521755.18

BEGIN OF SURVEY
JOHN YOUNG PARKWAY
STA 10+00.00
SET NAIL & DISK
"TRAV PT LB 6556"
N: 1509644.40
E: 522141.12

BEGIN OF SURVEY
JOHN YOUNG PARKWAY
STA 10+00.00
SET NAIL & DISK
"TRAV PT LB 6556"
N: 1509644.40
E: 522141.12

BEGIN OF SURVEY
JOHN YOUNG PARKWAY
STA 10+00.00
SET NAIL & DISK
"TRAV PT LB 6556"
N: 1509644.40
E: 522141.12

BEGIN OF SURVEY
JOHN YOUNG PARKWAY
STA 10+00.00
SET NAIL & DISK
"TRAV PT LB 6556"
N: 1509644.40
E: 522141.12

BEGIN OF SURVEY
JOHN YOUNG PARKWAY
STA 10+00.00
SET NAIL & DISK
"TRAV PT LB 6556"
N: 1509644.40
E: 522141.12

SITE BENCHMARK 3
SET NAIL & DISK
"REFERENCE LB 6556"
EL=94.86' (NAVD88)
N: 1509616
E: 522147

END OF SURVEY
AMERICANA BOULEVARD
STA 25+54.56
SET 5/8" IRC
"TRAV PT LB 6556"
N: 1509908.11
E: 522309.71

R/W VARIES
ORB 2666, PG 981
ORB 4262, PG 4708
ORB 2761, PG 720
ORB 4288, PG 3520
DB 972, PGS 570-571

R/W VARIES
ORB 4170, PG 1810
ORB 2685, PG 1106
ORB 3374, PG 156
DB 972, PGS 570-571

R/W VARIES
ORB 4170, PG 1810
ORB 2685, PG 1106
ORB 3374, PG 156
DB 972, PGS 570-571

R/W VARIES
ORB 4170, PG 1810
ORB 2685, PG 1106
ORB 3374, PG 156
DB 972, PGS 570-571

R/W VARIES
ORB 4170, PG 1810
ORB 2685, PG 1106
ORB 3374, PG 156
DB 972, PGS 570-571

R/W VARIES
ORB 4170, PG 1810
ORB 2685, PG 1106
ORB 3374, PG 156
DB 972, PGS 570-571

R/W VARIES
ORB 4170, PG 1810
ORB 2685, PG 1106
ORB 3374, PG 156
DB 972, PGS 570-571

R/W VARIES
ORB 4170, PG 1810
ORB 2685, PG 1106
ORB 3374, PG 156
DB 972, PGS 570-571

FND 5/8" IR NO ID
(0.15'N)
N: 1510051.06
E: 521393.21

NOT PLATTED
2' WIDE
HEDGE
CONC HEADWALL
TOP EL=93.12'
INV EL=89.76'

STA 14+08.24, 192.72' LT
FND 1/2" IR NO ID BENT
(0.21'N, 0.06'W)
MES
INV EL=90.79'

STA 14+12.56, 37.24' RT
FND 4"x4" CM NO ID
(0.05'N, 0.40'E)

STA 14+12.56, 37.24' RT
FND 4"x4" CM NO ID
(0.05'N, 0.40'E)

STA 14+12.56, 37.24' RT
FND 4"x4" CM NO ID
(0.05'N, 0.40'E)

STA 14+12.56, 37.24' RT
FND 4"x4" CM NO ID
(0.05'N, 0.40'E)

STA 14+12.56, 37.24' RT
FND 4"x4" CM NO ID
(0.05'N, 0.40'E)

STA 14+12.56, 37.24' RT
FND 4"x4" CM NO ID
(0.05'N, 0.40'E)

STA 14+12.56, 37.24' RT
FND 4"x4" CM NO ID
(0.05'N, 0.40'E)

FND 4"x4" CM NO ID
N: 1510451.93
E: 521953.19

FND 4"x4" CM NO ID
N: 1510451.93
E: 521953.19

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N: 1510451.93
E: 521953.19

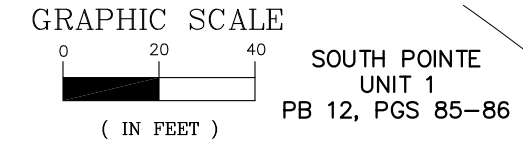
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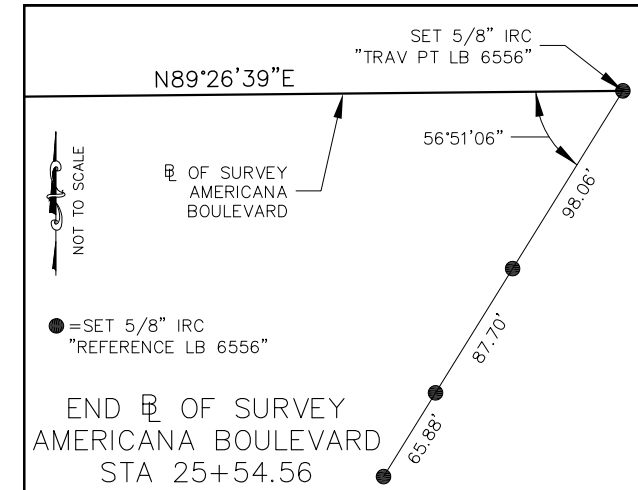
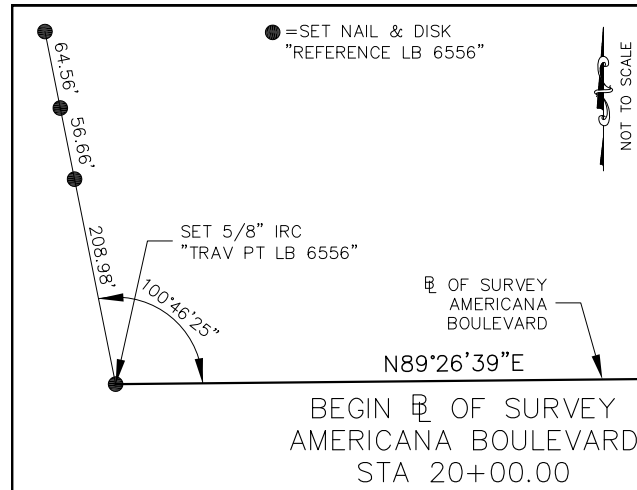
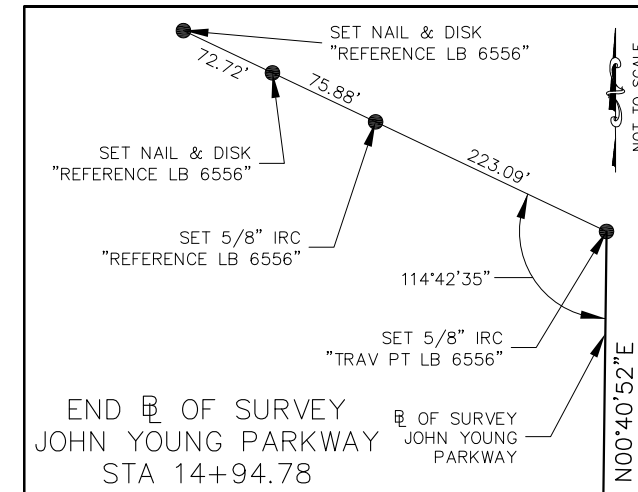
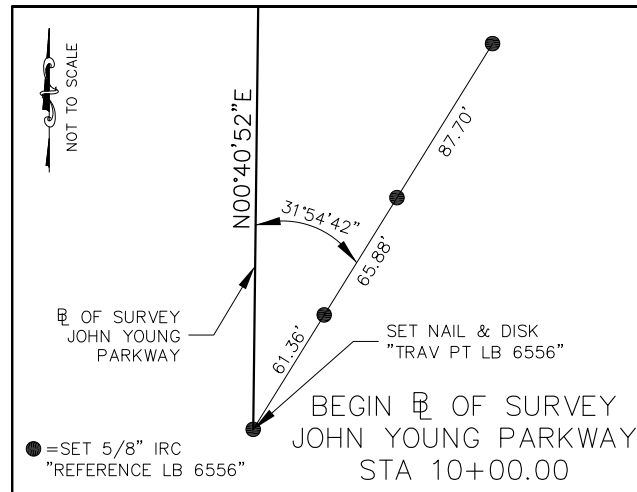
FND 4"x4" CM NO ID
N: 1510451.93
E: 521953.19

FND 4"x4" CM NO ID
N: 1510451.93
E: 521953.19



TOPOGRAPHIC SURVEY
DETAIL SHEET

SEE SHEET 1 FOR GENERAL NOTES & SURVEYOR'S CERTIFICATION	
GEODATA CONSULTANTS, INC. SURVEYING & MAPPING 1349 S. INTERNATIONAL PARKWAY SUITE 2401 LAKE MARY, FLORIDA 32746 VOICE: (407) 732-6965 FAX: (407) 878-0841	DATE: JULY 12, 2018 PROJECT No.: D04-06 SHEET OF 3
SCALE:	1"=40'



SEE SHEET 1 FOR GENERAL NOTES & SURVEYOR'S CERTIFICATION

**SURVEY CONTROL
REFERENCE SHEET**

GEODATA CONSULTANTS, INC.
 SURVEYING & MAPPING
 1349 S. INTERNATIONAL PARKWAY
 SUITE 2401
 LAKE MARY, FLORIDA 32746
 VOICE: (407) 732-6965 FAX: (407) 878-0841

DATE:
JULY 12, 2018
 PROJECT No.
D04-06

SCALE:
 N/A
 SHEET
OF 3 **3**



BOUNDARY & TOPOGRAPHIC SURVEY OF TEXAS AVENUE AT RIO GRANDE AVENUE INTERSECTION IMPROVEMENTS

LYING IN SECTION 10, TOWNSHIP 23 SOUTH, RANGE 29 EAST
ORANGE COUNTY, FLORIDA

GENERAL NOTES

- THE PURPOSE OF SURVEY IS TO ESTABLISH THE EXISTING RIGHT OF WAY LINES OF TEXAS AVENUE FROM 100 FEET WEST OF DUNWOODIE BOULEVARD TO 100 FEET EAST OF RIO GRANDE AVENUE, A LENGTH OF APPROXIMATELY 1900 FEET, BY ESTABLISHING OR RE-ESTABLISHING CORNERS, MONUMENTS AND BOUNDARY LINES, AND TO ESTABLISH THE HORIZONTAL AND VERTICAL SPATIAL RELATIONSHIP OF THE NATURAL OR MANMADE FEATURES LYING WITHIN THE DEFINED LIMITS NOTED ABOVE AND TEN FEET OUTSIDE THE EXISTING RIGHT OF WAY WHERE ACCESSIBLE.
- BEARINGS AND COORDINATES SHOWN HEREON ARE RELATIVE TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM OF 1983/2011 ADJUSTMENT (NAD83/2011), ZONE 901, FLORIDA EAST, WITH THE CENTERLINE OF TEXAS AVENUE, HAVING A BEARING OF NORTH 89°22'02" EAST.
- ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AS ESTABLISHED FROM THE FOLLOWING ORANGE COUNTY BENCHMARKS:

M098008: FOUND "X" CUT ON THE EAST CORNER OF CURB INLET ON THE SOUTH SIDE OF 43RD STREET. THE CURB INLET IS DUE NORTH OF OUTFALL TO LAKE BUCHANAN.
PUBLISHED ELEVATION = 93.807 FEET (NAVD88)

R367006: FOUND BOX CUT IN TOP OF CURB AT THE POINT OF CURVATURE OF RADIUS, AT THE NORTHEAST CORNER OF NASHVILLE AVENUE AND 43RD STREET.
PUBLISHED ELEVATION = 102.975 FEET (NAVD88)
- ALL RECORDING REFERENCES ON THIS SURVEY SHALL REFER TO THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA, UNLESS OTHERWISE NOTED.
- UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER, THIS DRAWING, SKETCH, PLAT, OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.
- THE SURVEYOR HAS NOT ABSTRACTED THE LANDS SHOWN HEREON FOR EASEMENTS AND/OR RIGHT OF WAY RECORDS. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.
- ACCORDING TO THE FLOOD INSURANCE RATE MAP (FIRM), DATED SEPTEMBER 25, 2009 THE SURVEY LIMITS SHOWN HEREON APPEARS TO LIE IN FLOOD ZONE ZONE "X", AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, AS LOCATED ON COMMUNITY PANEL NO. 120179-0410-F, MAP NUMBER 12095C0410F, AND COMMUNITY PANEL NO. 120179-0245-F, MAP NUMBER 12095C0245F.
- THE LOCATION OF UNDERGROUND UTILITY LINES SHOWN HEREON WERE DETERMINED BY A COMBINATION OF PHYSICAL MARKINGS MADE BY THE UTILITY COMPANIES IN RESPONSE TO CALL SUNSHINE LOCATE REQUEST, TICKET NUMBERS 116801375 AND 116801485, AND BY EXAMINATION OF SURFACE APPURTENANCES OF SAID UTILITIES. NO UNDERGROUND INSTALLATIONS OR IMPROVEMENTS HAVE BEEN LOCATED EXCEPT AS SHOWN.
- BORINGS SHOWN HEREON WERE DESIGNATED BY GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC. AND FIELD LOCATED BY THIS FIRM.

LEGEND

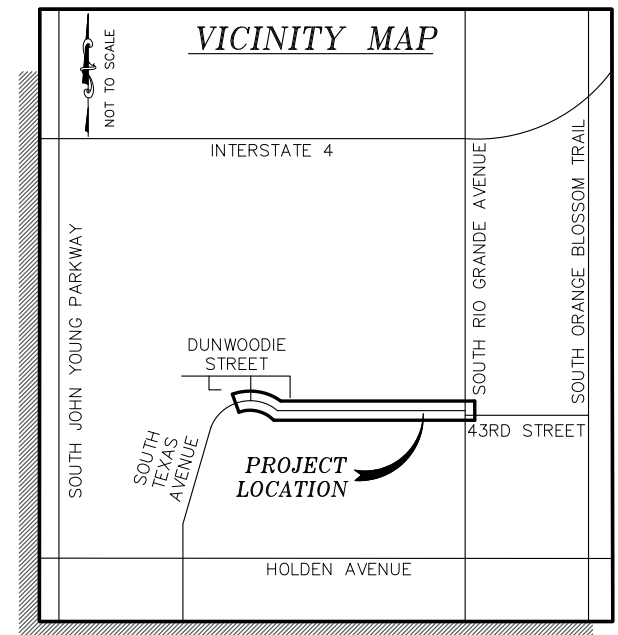
- | | | |
|---|--------------------------------|-----------------------|
| — FM — = BURIED FORCE MAIN (UNKNOWN TYPE) | ◇ = POWER POLE | ☼ = TREE MAGNOLIA |
| ⊞ = ELECTRIC METER | ⊗ = SANITARY SEWER VALVE | 🌳 = TREE OAK |
| ~ = END NOT FOUND/NOT LOCATED | ⊗ = SANITARY SEWER VALVE COVER | 🌴 = TREE PALM |
| 🚒 = FIRE HYDRANT | ☐ = SERVICE BOX | 🌲 = TREE PINE |
| ☉ = FLOOD LIGHT | ⦿ = SINGLE SUPPORT SIGN | 🌳 = TREE STUMP |
| ---> = GUY ANCHOR | ☁ = SHRUB | 🌳 = TREE SYCAMORE |
| ⊗ = IRRIGATION CONTROL VALVE | ⊗ = SOIL BORING LOCATION | ⊙ = UTILITY MARKER |
| ○-○ = LIGHT POLE | ×104.5 = SPOT ELEVATION | 🚰 = WATER METER |
| 📧 = MAIL BOX | ☐ = TELEPHONE PEDESTAL | ⊗ = WATER VALVE COVER |
| — DE — = OVERHEAD WIRE | ☐ = TRAFFIC SIGNAL POLE | ☐ = WIRE PULL BOX |
| 🚶 = PEDESTRIAN CROSSWALK SIGNAL | 🌳 = TREE CAMPHOR | ⦿ = WOOD POST |

ABBREVIATIONS

- | | |
|---------------------------|--|
| ℄ = BASELINE | NSP = NON-SLIP PAD |
| BC = BACK OF CURB | NAVD88 = NORTH AMERICAN VERTICAL DATUM OF 1988 |
| (C) = CALCULATED | N = NORTHING |
| ℄ = CENTERLINE | N/A = NOT APPLICABLE |
| CLF = CHAIN LINK FENCE | NO. = NUMBER |
| CB = CHORD BEARING | ORB = OFFICIAL RECORDS BOOK |
| CD = CHORD DISTANCE | OC = ORANGE COUNTY |
| CONC = CONCRETE | PG = PAGE |
| CBW = CONCRETE BLOCK WALL | PRM = PERMANENT REFERENCE MONUMENT |
| CM = CONCRETE MONUMENT | (P) = PLAT |
| CW = CONCRETE WALL | PB = PLAT BOOK |
| (D) = DEED | PVC = POLYVINYL CHLORIDE PIPE |
| Δ = DELTA | PI = POINT OF INTERSECTION |
| DIP = DUCTILE IRON PIPE | POT = POINT ON TANGENT |
| E = EASTING | R = RADIUS |
| EP = EDGE OF PAVEMENT | RGE. = RANGE |
| EL = ELEVATION | RCP = REINFORCED CONCRETE PIPE |
| (F) = FIELD | RT = RIGHT |
| FND = FOUND | R/W = RIGHT OF WAY |
| ID = IDENTIFICATION | SEC. = SECTION |
| INV = INVERT | SW = SIDEWALK |
| IP = IRON PIPE | STA = STATION |
| IR = IRON ROD | TOS = TOE OF SLOPE |
| IRC = IRON ROD & CAP | TOB = TOP OF BANK |
| LSA = LANDSCAPE AREA | TWP. = TOWNSHIP |
| LL = LANE LINE | (TYP) = TYPICAL |
| LT = LEFT | W/ = WITH |
| L = LENGTH | WF = WOOD FENCE |
| LB = LICENSED BUSINESS | WIF = WROUGHT IRON FENCE |

SHEET INDEX

SHEET	CONTENTS
1	COVER
2-5	DETAIL SHEETS
6	REFERENCES



PREPARED FOR:

DRMP, INC.
ORANGE COUNTY ENGINEERING
PUBLIC WORKS ROADS AND DRAINAGE
DIVISION

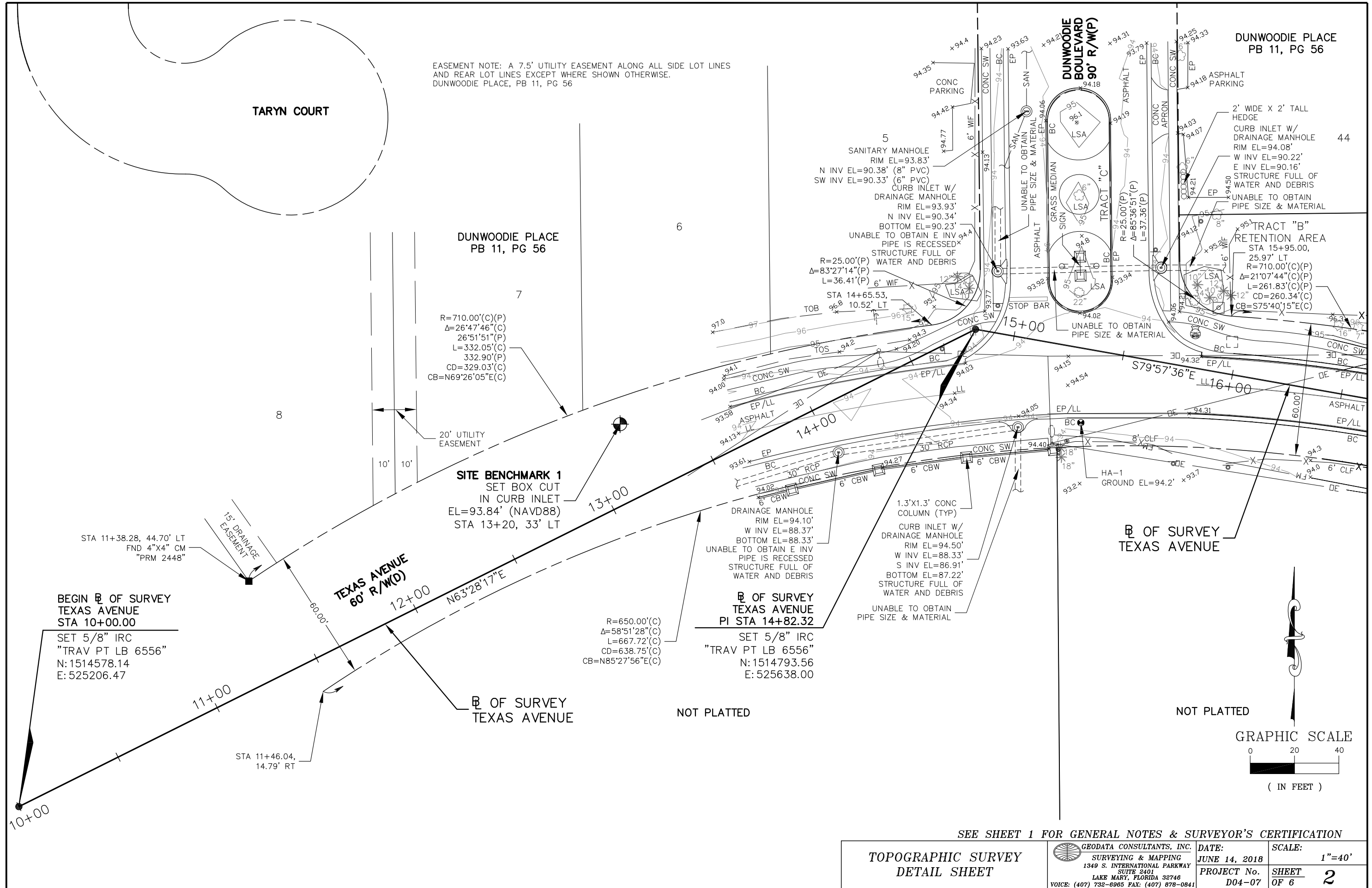
SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT A SURVEY OF THE PROPERTY SHOWN HEREON WAS MADE UNDER MY SUPERVISION AND THAT THIS SURVEY WAS PERFORMED IN ACCORDANCE WITH THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS, CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES AND THAT THE SKETCH HEREON IS A TRUE AND ACCURATE REPRESENTATION THEREOF TO THE BEST OF MY KNOWLEDGE AND BELIEF. SUBJECT TO NOTES AND NOTATIONS SHOWN

THIS _____ DAY OF _____, 20_____

H. Paul deVivero, Professional Land Surveyor No. 4990
Land Surveyor Business License No. 6556
VALID ONLY WITH SIGNATURE AND EMBOSSED SEAL

<p>GEODATA CONSULTANTS, INC. SURVEYING & MAPPING 1349 SOUTH INTERNATIONAL PARKWAY SUITE 2401 LAKE MARY, FLORIDA 32746 VOICE: (407) 732-6965 FAX: (407) 878-0841</p>			DRAWN BY: RJG	CHECKED BY: RJH/DW
			LAST DATE OF FIELD SURVEY: JUNE 12, 2018	
			FIELD BOOK 18-07, PAGES 06-49	
			SEC. 10, TWP. 23 SOUTH, RGE. 29 EAST ORANGE COUNTY, FLORIDA	
No.	DATE	REVISION	DATE:	SCALE:
			JUNE 14, 2018	N/A
			PROJECT No. D04-07	SHEET OF 6 1



EASEMENT NOTE: A 7.5' UTILITY EASEMENT ALONG ALL SIDE LOT LINES AND REAR LOT LINES EXCEPT WHERE SHOWN OTHERWISE. DUNWOODIE PLACE, PB 11, PG 56

DUNWOODIE PLACE
PB 11, PG 56

TARYN COURT

DUNWOODIE PLACE
PB 11, PG 56

DUNWOODIE BOULEVARD
90' R/W(P)

2' WIDE X 2' TALL HEDGE
CURB INLET W/ DRAINAGE MANHOLE
RIM EL=94.08'
W INV EL=90.22'
E INV EL=90.16'
STRUCTURE FULL OF WATER AND DEBRIS
UNABLE TO OBTAIN PIPE SIZE & MATERIAL

R=710.00'(C)(P)
Δ=26°47'46"(C)
L=332.05'(C)
CD=329.03'(C)
CB=N69°26'05"E(C)

5
SANITARY MANHOLE
RIM EL=93.83'
N INV EL=90.38' (8" PVC)
SW INV EL=90.33' (6" PVC)
CURB INLET W/ DRAINAGE MANHOLE
RIM EL=93.93'
N INV EL=90.34'
BOTTOM EL=90.23'
UNABLE TO OBTAIN E INV PIPE IS RECESSED
STRUCTURE FULL OF WATER AND DEBRIS
R=25.00'(P)
Δ=83°27'14"(P)
L=36.41'(P)
STA 14+65.53,
TOB 10.52' LT

TRACT "B" RETENTION AREA
STA 15+95.00,
25.97' LT
R=710.00'(C)(P)
Δ=21°07'44"(C)(P)
L=261.83'(C)(P)
CD=260.34'(C)
CB=S75°40'15"E(C)

SITE BENCHMARK 1
SET BOX CUT IN CURB INLET
EL=93.84' (NAVD88)
STA 13+20, 33' LT

OF SURVEY TEXAS AVENUE
PI STA 14+82.32
SET 5/8" IRC "TRAV PT LB 6556"
N: 1514793.56
E: 525638.00

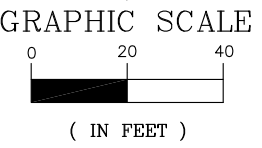
BEGIN OF SURVEY TEXAS AVENUE
STA 10+00.00
SET 5/8" IRC "TRAV PT LB 6556"
N: 1514578.14
E: 525206.47

R=650.00'(C)
Δ=58°51'28"(C)
L=667.72'(C)
CD=638.75'(C)
CB=N85°27'56"E(C)

OF SURVEY TEXAS AVENUE

NOT PLATTED

NOT PLATTED



SEE SHEET 1 FOR GENERAL NOTES & SURVEYOR'S CERTIFICATION

TOPOGRAPHIC SURVEY DETAIL SHEET	GEODATA CONSULTANTS, INC. SURVEYING & MAPPING 1349 S. INTERNATIONAL PARKWAY SUITE 2401 LAKE MARY, FLORIDA 32746 VOICE: (407) 732-6965 FAX: (407) 878-0841	DATE: JUNE 14, 2018	SCALE: 1"=40'
		PROJECT No. D04-07	SHEET OF 6 2

EASEMENT NOTE: A 7.5' UTILITY EASEMENT ALONG ALL SIDE LOT LINES AND REAR LOT LINES EXCEPT WHERE SHOWN OTHERWISE. DUNWOODIE PLACE, PB 11, PG 56

DUNWOODIE PLACE
PB 11, PG 56

HEATHER COURT

TRACT "B"
RETENTION AREA

SITE BENCHMARK 3
SET NAIL & DISK
"REFERENCE LB 6556"
EL=95.40' (NAVD88)
STA 20+44, 00' LT

R=190.83'(F)(P)
Δ=25°30'20"(F)
25°30'53"(P)
L=84.95'(F)
84.98'(P)
CD=84.25'(F)
CB=S77°52'48"E(F)

**☐ OF SURVEY
TEXAS AVENUE
STA 19+32.16**
SET 5/8" IRC
"TRAV PT LB 6556"
N: 1514715.14
E: 526080.95
STA 19+39.30, 2.24' LT
FND 4"x4" CM NO ID

**☐ OF SURVEY
TEXAS AVENUE**

UTILITY EASEMENT
ORB 10481, PG 1466
4'x5.5' LIFT STATION VAULT
TOP EL=97.39'

GRAVEL
6' WIF

15' SANITARY SEWER PARCEL
ORB 2775, PG 1178

N89°22'02"E
632.67'(D)

R=710.00'(C)(P)
Δ=21°07'44"(C)(P)
L=261.83'(C)(P)
CD=260.34'(C)
CB=S75°40'15"E(C)

CURB INLET W/
DRAINAGE MANHOLE
RIM EL=93.97'
N INV EL=89.70'
S INV EL=90.50'
STRUCTURE FULL OF
WATER AND DEBRIS

**☐ OF SURVEY
TEXAS AVENUE**

STA 18+54.61, 6.50' LT
FND 4"x4" CM NO ID

17+00

18+00

19+00

20+00

21+00

22+00

R=650.00'(C)
Δ=58°51'28"(C)
L=667.72'(C)
CD=638.75'(C)
CB=N85°27'56"E(C)

HA-2
GROUND EL=94.3'
STA 18+39.24, 51.50' RT
FND 1" IP NO ID
0.21'S, 0.28'W

CURB INLET W/
DRAINAGE MANHOLE
RIM EL=93.82'
N INV EL=90.14'
S INV EL=90.47'
STRUCTURE FULL OF
WATER AND DEBRIS

SITE BENCHMARK 2
OC BENCHMARK #M098008
FND "X" CUT IN EAST
CORNER OF CURB INLET
PUBLISHED EL=93.807' (NAVD88)
STA 18+82, 44' RT

R=250.83'(C)
Δ=25°30'30"(C)
L=111.67'(C)
CD=110.75'(C)
CB=S77°52'43"E(C)

STA 19+40.06,
57.75' RT

**BEGIN ☐ OF
TEXAS AVENUE
STA 50+00.00**
SET NAIL & DISK
"GEODATA LB 6556"
N: 1514687.65
E: 526113.20
STA 19+64.44, 27.44' RT

NOT PLATTED

NOT PLATTED

DRAINAGE NOTE: ALL RCP PIPE SIZES ON THIS PAGE ARE APPROXIMATE DUE TO PIPES BEING COVERED WITH AN UNKNOWN MATERIAL LINING AND/OR STRUCTURE FULL OF WATER AND DEBRIS.

CURB INLET W/
DRAINAGE MANHOLE
RIM EL=94.25'
E INV EL=89.88'
S INV EL=89.88'
STRUCTURE FULL OF
WATER AND DEBRIS

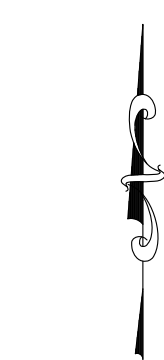
TEXAS AVENUE
60' R/W(D)

(BASIS OF BEARINGS)
N89°22'02"E

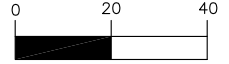
STA 22+16.57, 5.73' LT
FND 1/2" IR NO ID
0.27'S

52+00

N89°22'02"E 1114.53'(C)



GRAPHIC SCALE



(IN FEET)

SEE SHEET 1 FOR GENERAL NOTES & SURVEYOR'S CERTIFICATION

TOPOGRAPHIC SURVEY
DETAIL SHEET

GEODATA CONSULTANTS, INC.
SURVEYING & MAPPING
1349 S. INTERNATIONAL PARKWAY
SUITE 2401
LAKE MARY, FLORIDA 32746
VOICE: (407) 732-6965 FAX: (407) 878-0841

DATE:
JUNE 14, 2018
PROJECT No.
D04-07

SCALE:
1"=40'
SHEET
OF 6
3

NOT PLATTED

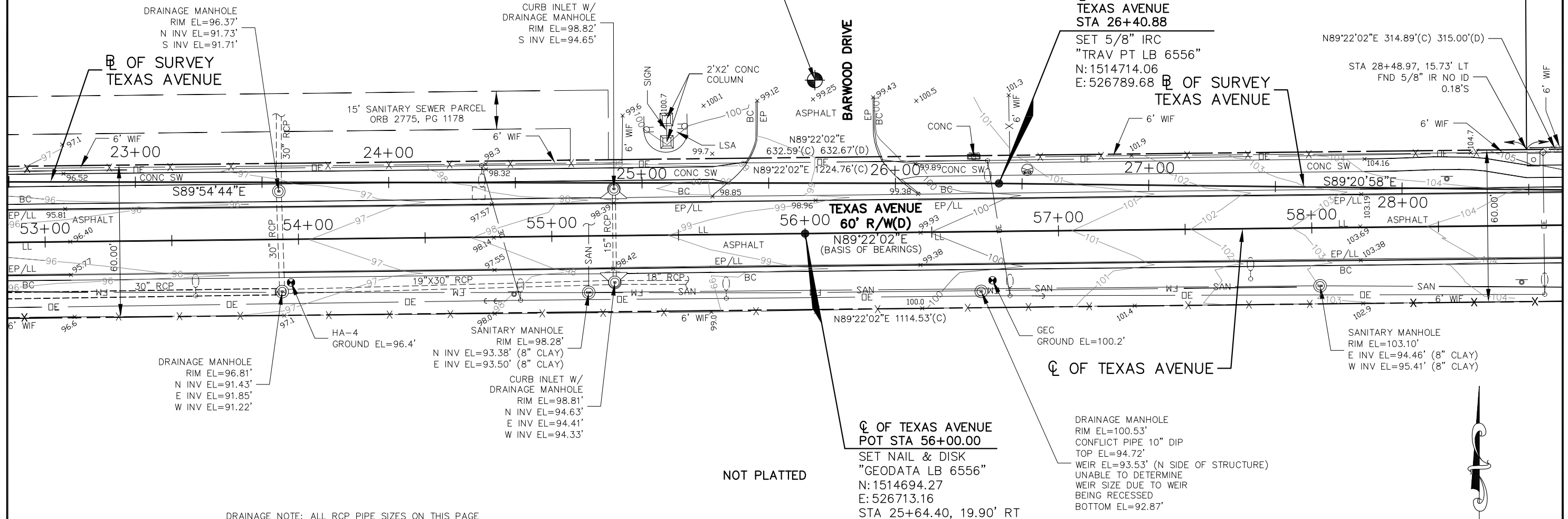
SITE BENCHMARK 4
SET NAIL & DISK
"REFERENCE LB 6556"
EL=99.32' (NAVD88)
STA 25+68, 41' LT

☐ OF SURVEY TEXAS AVENUE
STA 26+40.88

SET 5/8" IRC
"TRAV PT LB 6556"
N: 1514714.06
E: 526789.68

☐ OF SURVEY TEXAS AVENUE

N89°22'02"E 314.89'(C) 315.00'(D)
STA 28+48.97, 15.73' LT
FND 5/8" IR NO ID
0.18'S



DRAINAGE NOTE: ALL RCP PIPE SIZES ON THIS PAGE ARE APPROXIMATE DUE TO PIPES BEING COVERED WITH AN UNKNOWN MATERIAL LINING AND/OR RECESSED.

NOT PLATTED

☐ OF TEXAS AVENUE
POT STA 56+00.00
SET NAIL & DISK
"GEODATA LB 6556"
N: 1514694.27
E: 526713.16
STA 25+64.40, 19.90' RT

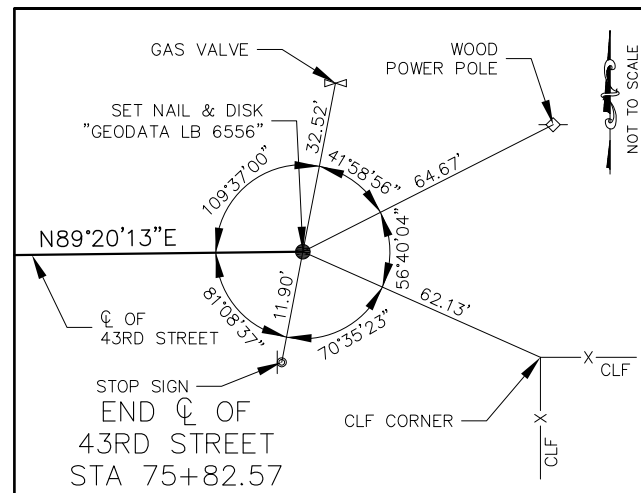
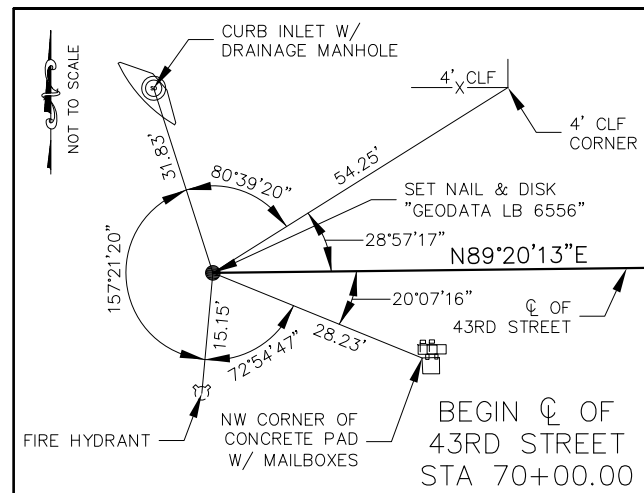
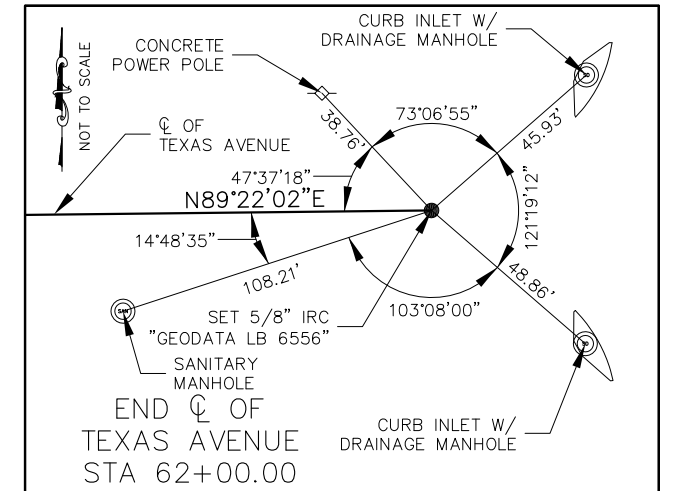
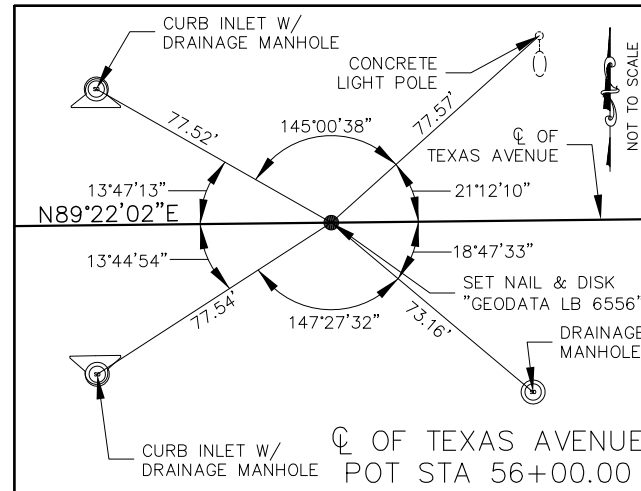
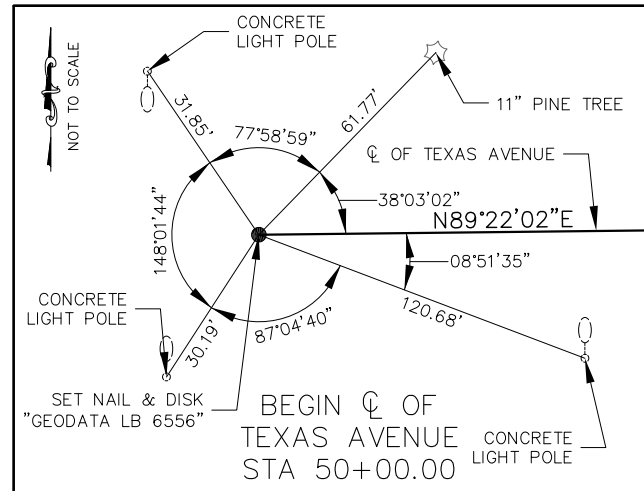
DRAINAGE MANHOLE
RIM EL=100.53'
CONFLICT PIPE 10" DIP
TOP EL=94.72'
WEIR EL=93.53' (N SIDE OF STRUCTURE)
UNABLE TO DETERMINE
WEIR SIZE DUE TO WEIR
BEING RECESSED
BOTTOM EL=92.87'

SEE SHEET 1 FOR GENERAL NOTES & SURVEYOR'S CERTIFICATION

**TOPOGRAPHIC SURVEY
DETAIL SHEET**


GEODATA CONSULTANTS, INC. SURVEYING & MAPPING 1349 S. INTERNATIONAL PARKWAY SUITE 2401 LAKE MARY, FLORIDA 32746 VOICE: (407) 732-6965 FAX: (407) 878-0841	DATE:	SCALE:
	JUNE 14, 2018	1"=40'
	PROJECT No. D04-07	SHEET OF 6

4



SEE SHEET 1 FOR GENERAL NOTES & SURVEYOR'S CERTIFICATION

**SURVEY CONTROL
REFERENCE SHEET**


GEODATA CONSULTANTS, INC.
 SURVEYING & MAPPING
 1349 S. INTERNATIONAL PARKWAY
 SUITE 2401
 LAKE MARY, FLORIDA 32746
 VOICE: (407) 732-6965 FAX: (407) 878-0841

DATE:
 JUNE 14, 2018
 PROJECT No.
 D04-07

SCALE:
 N/A
 SHEET
 OF 6 **6**

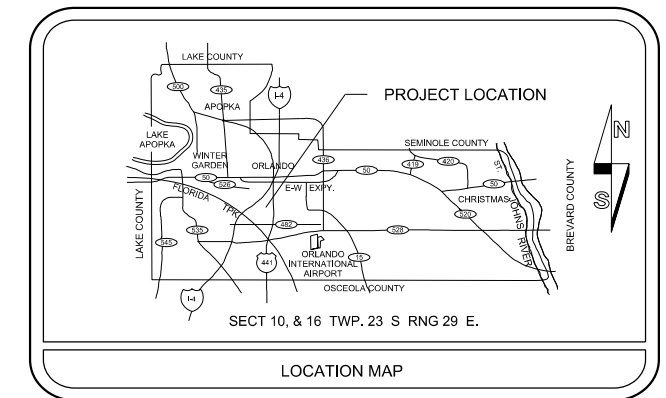


JERRY L. DEMMINGS, COUNTY MAYOR

BOARD OF COUNTY COMMISSIONERS

BETSY VANDERLEY	DISTRICT 1
CHRISTINE MOORE	DISTRICT 2
MAYRA URIBE	DISTRICT 3
MARIBEL GOMEZ CORDERO	DISTRICT 4
EMILY BONILLA	DISTRICT 5
VICTORIA P. SIPLIN	DISTRICT 6
DIANA ALMODOVAR, P.E.	INTERIM PUBLIC WORKS DIRECTOR

**CONSTRUCTION PLANS FOR
INTERSECTION IMPROVEMENTS
JOHN YOUNG PARKWAY AT
CONROY RD. AND AMERICANA BLVD.
AND SIDEWALK IMPROVEMENTS
AT TEXAS AVE FROM
DUNWOODIE BLVD.
TO RIO GRANDE AVE.
ORANGE COUNTY CIP NO. 2722
DISTRICT NO. 6
ORANGE COUNTY, FLORIDA**



UTILITIES ENCOUNTERED

COMPANY NAME	TELEPHONE NO.
ORANGE COUNTY UTILITIES	407-254-6706
CHARTER COMMUNICATIONS	407-215-5864
CROWN CASTLE	407-461-3367
ORANGE COUNTY PUBLIC WORKS TRAFFIC ENGINEERING	407-836-7804
ORLANDO UTILITIES COMMISSION	407-434-2568
TECO PEOPLES GAS - ORLANDO	407-420-6663
AT&T DISTRIBUTION	407-351-8180
UNITI FIBER LLC	352-256-1524
MCI	469-886-1238 OR 863-837-3859
CENTURYLINK/FKA LEVEL 3 COMMUNICATIONS LLC	720-888-1089

INDEX OF SHEETS	
SHEET	DESCRIPTION
S-1	KEY SHEET
S-2	TABULATION OF QUANTITIES JOHN YOUNG PARKWAY
S-3	TABULATION OF QUANTITIES TEXAS AVENUE
S-4	GENERAL NOTES
S-5	SIGNING AND PAVEMENT MARKING PLAN JOHN YOUNG PARKWAY
S-6 - S-9	SIGNING AND PAVEMENT MARKING PLAN TEXAS AVENUE

SIGNING & PAVEMENT MARKING PLANS

NOTE :
PLANS WERE PREPARED ACCORDING TO AVAILABLE INFORMATION TO ADEQUATELY ADDRESS CONDITIONS AS THEY EXISTED AT THE TIME OF PLANS PREPARATION. NEEDS, CONDITIONS AND OWNERSHIP OF PROPERTIES MAY HAVE CHANGED SINCE PROJECT DESIGN. THE COUNTY'S REPRESENTATIVE WILL ADDRESS CHANGES AND NEEDS WITH THE PROPERTY OWNER OR THEIR REPRESENTATIVES. CONTRACTOR SHALL WORK WITH THE COUNTY'S REPRESENTATIVE IN ADDRESSING AND MEETING NEEDS AND CONDITIONS THAT MAY CHANGE SINCE PLANS PREPARATION.

CERTIFICATION TO PLANS

I HEREBY CERTIFY THAT THE DESIGN FOR THIS PROJECT AND THE ATTACHED CONSTRUCTION PLANS COMPLY WITH THE REQUIREMENTS OF SECTION 336.045 OF THE FLORIDA STATUTES AND ARE IN SUBSTANTIAL CONFORMANCE WITH THE STANDARDS CONTAINED IN THE EDITION OF THE "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS" IN EFFECT ON THIS DATE AS ADOPTED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION PURSUANT TO SUBSECTION 336.045(1) OF THE FLORIDA STATUTES.

DATE: JUNE 2019 ENGINEER: NICHOLAS D. DEVITO PE NO.: 78448

PREPARED BY:
DRMP, INC.
941 LAKE BALDWIN LANE
ORLANDO, FL 32814
PHONE: 407-896-0594
CERT. OF AUTH. #2648

GOVERNING STANDARDS AND STANDARD SPECIFICATIONS :
FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2018-19 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION
AND
FLORIDA DEPARTMENT OF TRANSPORTATION, JULY 2018 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS AMENDED BY CONTRACT DOCUMENTS.

REVISIONS	DATE	BY


DESIGNED BY: CRV JULY 2018
CHECKED BY: WEM APRIL 2019
APPROVED BY: NDD APRIL 2019

SHEET S-1
OF S-9

TABULATION OF QUANTITIES - JOHN YOUNG PARKWAY

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL	
			S-5														PLAN	FINAL	PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL						
700-1-50	SINGLE POST SIGN, RELOCATE	AS	1														1		1	
706-3A	RETRO REFLECTIVE PAVEMENT MARKERS, WHITE/RED	EA	50														50		50	
710-90	PAINTED PAVEMENT MARKINGS (FINAL SURFACE)	LS															1		1	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID 6"	LF	927														927		927	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID 12"	LF	932														932		932	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID 24"	LF	1130														1130		1130	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6"	LF	130														130		130	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	9														9		9	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	LF	528														528		528	
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID 6"	LF	230														230		230	
711-11-123	THERMOPLASTIC, STANDARD, WHITE, 12" FOR CROSSWALK	LF	932														932		932	
711-11-125	THERMOPLASTIC, STANDARD, WHITE, 24" FOR STOP LINE AND CROSSWALK	LF	1130														1130		1130	
711-11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/6-10 EXTENSION LINE, 6"	LF	528														528		528	
711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROWS	EA	9														9		9	
711-14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE OR SYMBOL	EA	2														2		2	
711-14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	2														2		2	
711-16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	LF	927														927		927	
711-16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6", 10-30 SKIP OR 3-9 LANE DROP	LF	130														130		130	
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	LF	230														230		230	


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

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REVISIONS																						
DATE	DESCRIPTION	DATE	DESCRIPTION																			

TABULATION OF QUANTITIES - TEXAS AVENUE


PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS												TOTAL THIS SHEET		GRAND TOTAL	
			S-7		S-8		S-9											
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
700-1-11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS					2										2	2
700-1-50	SINGLE POST SIGN, RELOCATE	AS	1		1		2									4	4	
700-1-60	SINGLE POST SIGN, REMOVE	AS					2									2	2	
706-3A	RETRO REFLECTIVE PAVEMENT MARKERS, WHITE/RED	EA					10									10	10	
706-3B	RETRO REFLECTIVE PAVEMENT MARKERS, YELLOW/YELLOW	EA					38									38	38	
710-90	PAINTED PAVEMENT MARKINGS (FINAL SURFACE)	LS														1	1	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID 6"	LF					819									819	819	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID 12"	LF					238									238	238	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID 24"	LF					288									288	288	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA					6									6	6	
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID 6"	LF					812									812	812	
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID 18" FOR DIAGONAL OR CHEVRON	LF					32									32	32	
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	LF					72									72	72	
711-11-123	THERMOPLASTIC, STANDARD, WHITE, 12" FOR CROSSWALK	LF					238									238	238	
711-11-125	THERMOPLASTIC, STANDARD, WHITE, 24" FOR STOP LINE AND CROSSWALK	LF					288									288	288	
711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROWS	EA					6									6	6	
711-11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF					32									32	32	
711-11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 EXTENSION LINE, 6"	LF					72									72	72	
711-16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	LF					819									819	819	
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	LF					812									812	812	

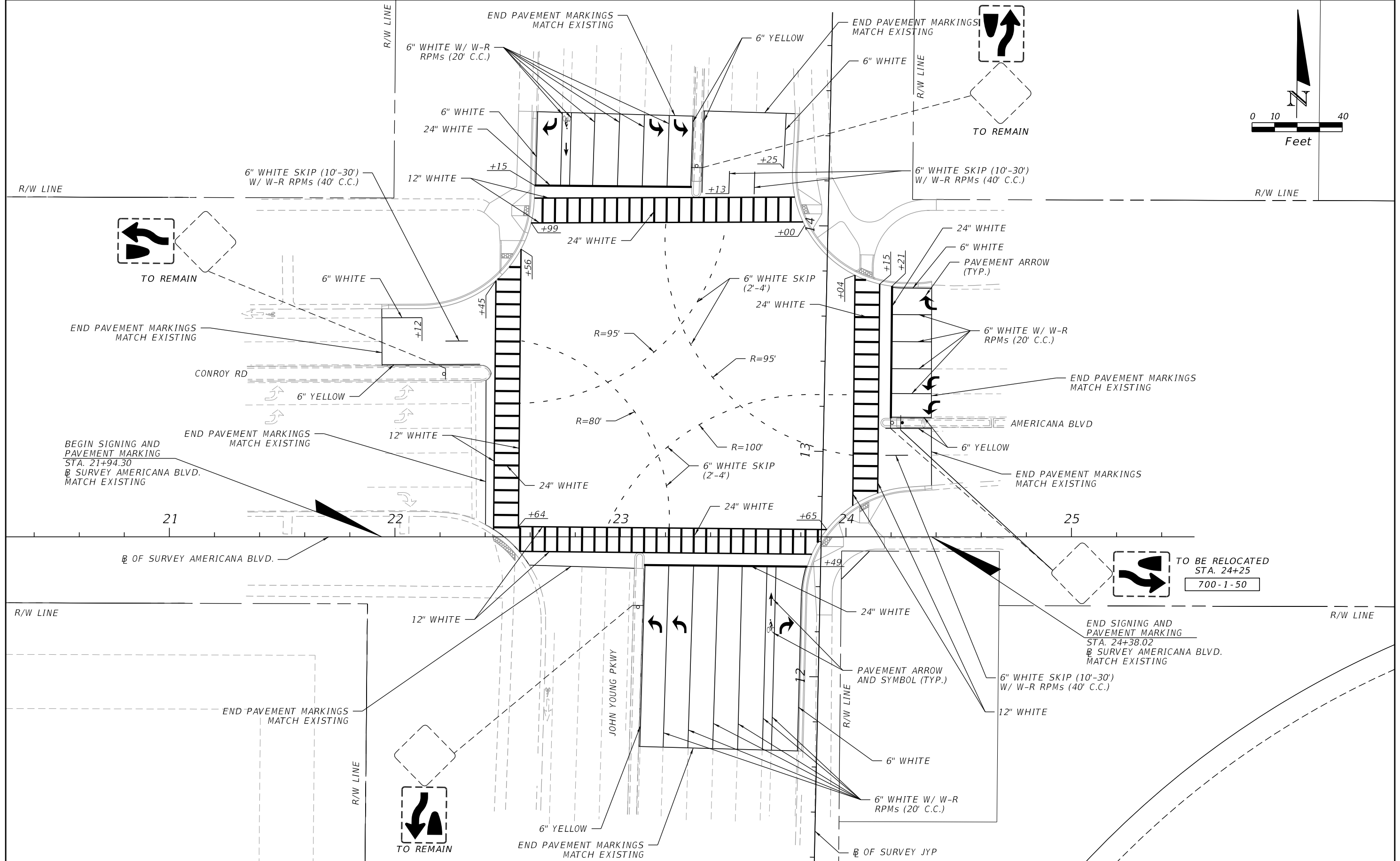
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REVISIONS															
DATE	DESCRIPTION														
PROJECT NAME	PROJECT NO.														
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP 2722														

SIGNING AND PAVEMENT MARKING GENERAL NOTES
 JYP AT CONROY ROAD/AMERICANA BLVD
 & TEXAS AVE AT RIO GRANDE AVE.

1. SIGNING AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH AND CONFORM TO THE MOST STRINGENT REQUIREMENT OF THE PROJECT SPECIFICATION, THE LATEST EDITION OF FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (FDOT), AND SUPPLEMENTS THERETO, AND ORANGE COUNTY ROAD AND CONSTRUCTION SPECIFICATIONS.
2. SIGNS THAT CONFLICT WITH CONSTRUCTION SHALL BE REMOVED, STOCKPILED AND RELOCATED BY THE CONTRACTOR. SIGN REMOVAL SHALL BE DIRECTED BY THE PROJECT ENGINEER. SIGNS SHALL BE REPLACED AT THEIR ORIGINAL LOCATIONS UNLESS OTHERWISE NOTED IN THE PLANS.
3. ALL EXISTING SIGNS TO BE REMOVED MUST BE FREE OF DAMAGE AND DELIVERED TO AN AREA DESIGNATED BY THE OWNER'S AUTHORIZED REPRESENTATIVE FOR PROPER STORAGE.
4. CAUTION SHOULD BE EXERCISED WHILE RELOCATING EXISTING SIGNS TO PREVENT UNNECESSARY DAMAGE TO SIGNS. IF THE SIGNS ARE DAMAGED BEYOND USE, AS DETERMINED BY THE PROJECT MANAGER, SIGNS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
5. ALL SURFACES SHALL BE CLEANED PRIOR TO THE START OF INSTALLATION OF ALL PAVEMENT MARKINGS.
6. ALL PAVEMENT MARKINGS SHALL BE APPLIED BEFORE REFLECTIVE PAVEMENT MARKERS ARE APPLIED.
7. ALL SIGNS SHALL BE PLACED IN ACCORDANCE WITH HORIZONTAL CLEARANCES (CLEAR ZONES) AS SPECIFIED BY FDOT.
8. FOR REFLECTIVE PAVEMENT MARKER PLACEMENT DETAILS, REFER TO FDOT DESIGN STANDARDS PLANS INDEX 706-001.
9. BITUMINOUS ADHESIVE SHALL BE USED TO SET REFLECTIVE PAVEMENT MARKERS ON ALL ASPHALT PAVEMENTS.
10. CAUTION SHOULD BE EXERCISED IN THE INSTALLATION OF POST MOUNTED ROADSIDE SIGNS IN ORDER TO PREVENT DAMAGE TO BURIED UTILITIES. THE CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITIES 48 HOURS PRIOR TO ANY EXCAVATION FOR UTILITY LOCATES AND PROTECTION.
11. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO RECORD AND REPLACE THE EXISTING PAVEMENT MARKINGS AND DELINEATORS UNLESS OTHERWISE NOTED IN THE PLANS. ALL MARKINGS AND DELINEATORS SHALL BE REPLACED AT THEIR ORIGINAL LOCATIONS UNLESS NOTED AS OTHERWISE IN THE PLANS.
12. ALL EXISTING SIGNS ARE TO REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.
13. SIGN POSTS SHALL BE MINIMUM 14 GAUGE 2' X 2' SQUARE WELDED STEEL WITH 3/8" KNOCKOUTS ON 1" CENTERS ON ALL FOUR SIDES. THE POSTS SHALL BE GALVANIZED AND SEALED WITH A POLYMER TOPCOAT.
14. IF THE CONTRACTOR USES SEGMENTAL TEMPLATES TO PLACE DIRECTIONAL ARROWS OR PAVEMENT MESSAGES, ALL SEGMENTS SHALL BE CLOSED TO FORM ONE-PIECE COMPONENTS PER STANDARD PLANS INDEX 711-001.
15. MATCH EXISTING PAVEMENT MARKINGS AT THE BEGINNING AND AT THE END OF THE PROJECT LIMITS.
16. CROSSWALKS SHALL BE 10' WIDE UNLESS OTHERWISE SPECIFIED IN THE PLANS.

REVISIONS					DESIGN PLANS FOR:		<h2 style="margin: 0;">GENERAL NOTES</h2>	SHEET NO.
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				DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FL 32814 CERT. OF AUTH.: 2648 NICHOLAS D. DEVITO, P.E. P.E. NO.: 78448	PROJECT NAME	PROJECT NO.		
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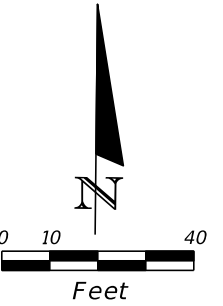
ORANGE COUNTY GOVERNMENT
 DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
 NICHOLAS D. DEVITO, P.E.
 P.E. NO.: 78448

DESIGN PLANS FOR:
INTERSECTION IMPROVEMENTS

PROJECT NAME	PROJECT NO.
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP 2722

SIGNING AND PAVEMENT MARKING PLAN
JOHN YOUNG PARKWAY

SHEET NO. S-5



BEGIN PROJECT
STA. 45+37.68

CL OF CONST. TEXAS AVENUE

DUNWOODIE BLVD

R/W LINE

MATCH LINE STA. 47+00.00

45

46


TEXAS AVE

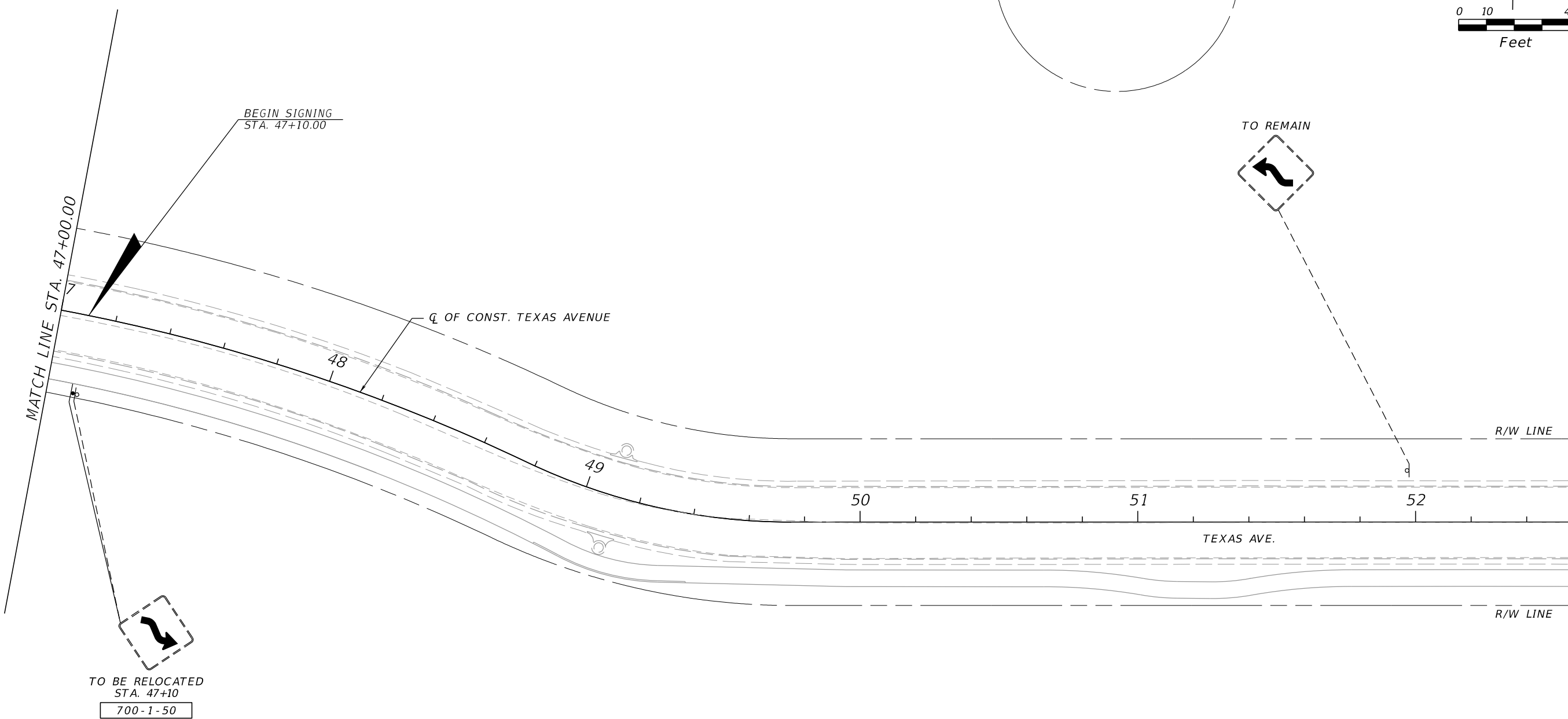
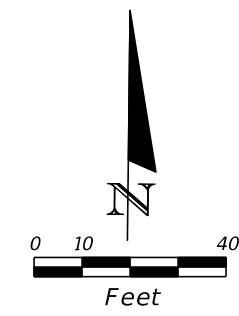
44

43


R/W LINE

THIS SHEET IS FOR INFORMATIONAL PURPOSES ONLY

REVISIONS				 DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FL 32814 CERT. OF AUTH.: 2648 NICHOLAS D. DEVITO, P.E. P.E. NO.: 78448	DESIGN PLANS FOR:		SIGNING AND PAVEMENT MARKING PLAN TEXAS AVENUE	SHEET NO. S-6
DATE	DESCRIPTION	DATE	DESCRIPTION		PROJECT NAME	PROJECT NO.		
					JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP 2722		



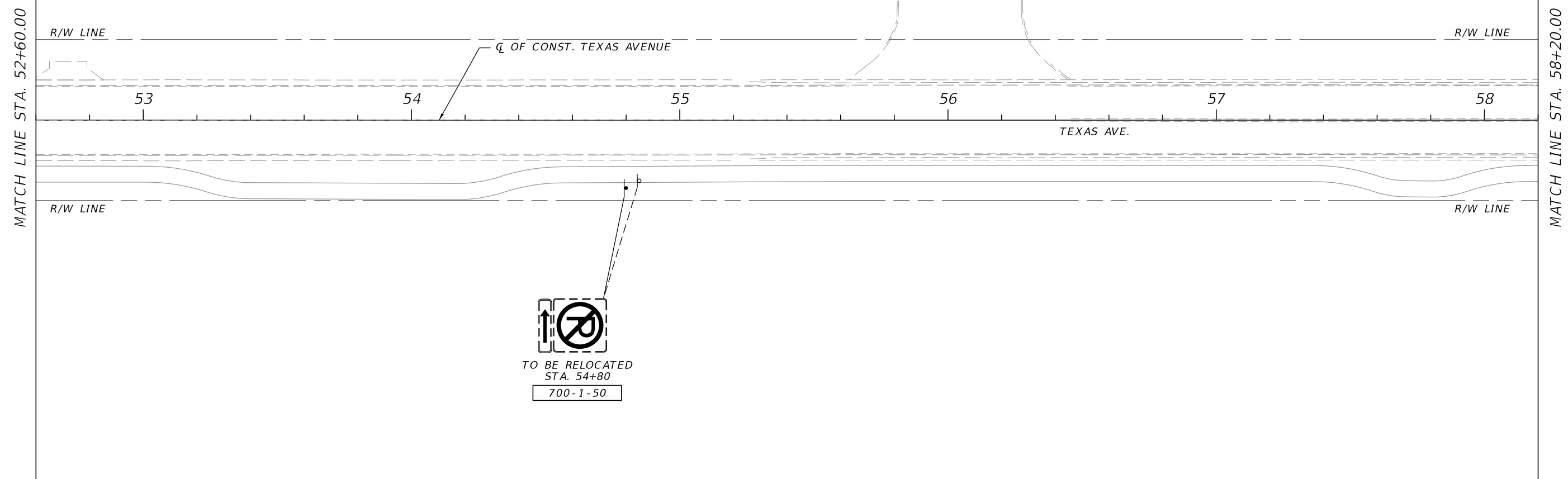
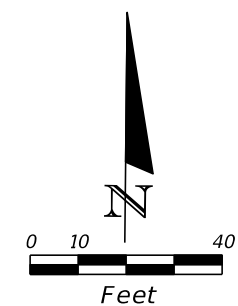
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ORANGE COUNTY GOVERNMENT FLORIDA
 DRMP, INC.
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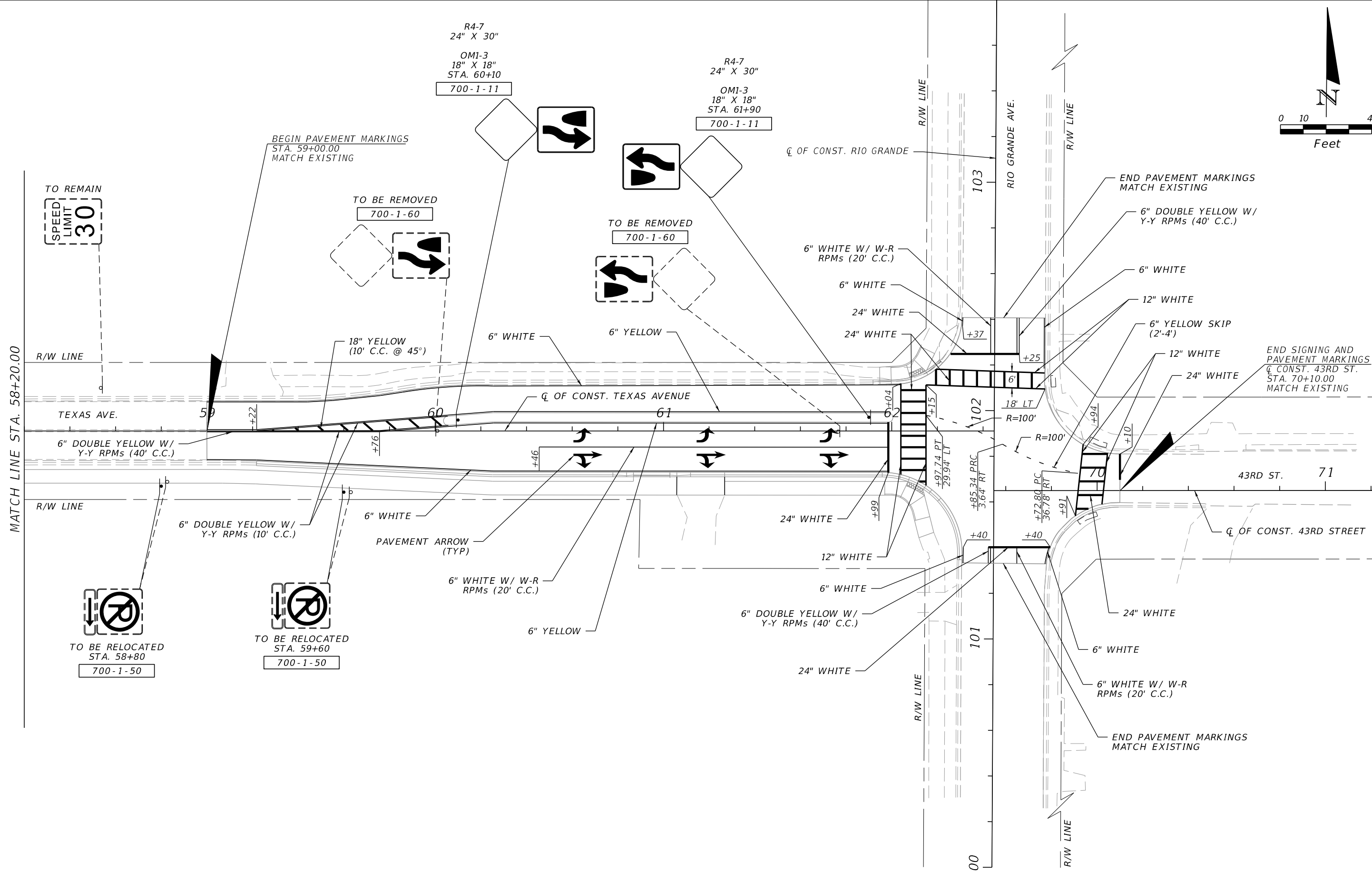
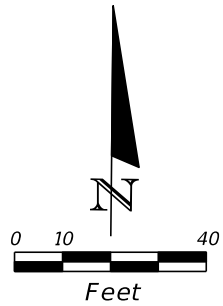
DESIGN PLANS FOR:	
INTERSECTION IMPROVEMENTS	
PROJECT NAME	PROJECT NO.
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP 2722

**SIGNING AND PAVEMENT
 MARKING PLAN
 TEXAS AVENUE**

SHEET NO.
S-7



REVISIONS					DESIGN PLANS FOR:		SIGNING AND PAVEMENT MARKING PLAN TEXAS AVENUE	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		INTERSECTION IMPROVEMENTS			S-8
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					JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP 2722		



REVISIONS			
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ORANGE COUNTY GOVERNMENT FLORIDA

DRMP, INC.
 941 LAKE BALDWIN LANE
 ORLANDO, FL 32814
 CERT. OF AUTH.: 2648
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DESIGN PLANS FOR: INTERSECTION IMPROVEMENTS	
PROJECT NAME	PROJECT NO.
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP 2722

SIGNING AND PAVEMENT MARKING PLAN
TEXAS AVENUE

SHEET NO.
S-9


TABULATION OF QUANTITIES - JOHN YOUNG PARKWAY

ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL	
			T-5														PLAN	FINAL	PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL						
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	25														25		25	
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	310														310		310	
632-7-1	SIGNAL CABLE-NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	1														1		1	
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	9														9		9	
646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	3														3		3	
653-1-11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	3														3		3	
653-1-60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL-POLE/PEDESTAL TO REMAIN	AS	3														3		3	
660-4-52	VEHICLE DETECTION SYSTEM-VIDEO, ADJUST/MODIFY ABOVE GROUND EQUIPMENT	EA	4														4		4	
665-1-11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	3														3		3	
665-1-60	PEDESTRIAN DETECTOR, REMOVE-POLE/PEDESTAL TO REMAIN	EA	3														3		3	
671-2-40	TRAFFIC CONTROLLER, MODIFY	EA	1														1		1	

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PROJECT NAME	PROJECT NO.																					
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TABULATION OF QUANTITIES - TEXAS AVENUE

ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL	
			T-6														PLAN	FINAL	PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL						
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	20														20		20	
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	95														95		95	
632-7-1	SIGNAL CABLE-NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	1														1		1	
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	2														2		2	
641-2-60	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL-PEDESTAL/SERVICE POLE	EA	1														1		1	
646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	2														2		2	
653-1-11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	1														1		1	
653-1-12	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS	AS	1														1		1	
653-1-60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL-POLE/PEDESTAL TO REMAIN	AS	1														1		1	
660-4-52	VEHICLE DETECTION SYSTEM-VIDEO, ADJUST/MODIFY ABOVE GROUND EQUIPMENT	EA	1														1		1	
665-1-11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	3														3		3	
665-1-60	PEDESTRIAN DETECTOR, REMOVE-POLE/PEDESTAL TO REMAIN	EA	2														2		2	
671-2-40	TRAFFIC CONTROLLER, MODIFY	EA	1														1		1	

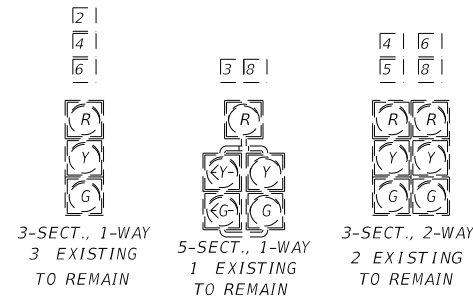
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DATE	DESCRIPTION	DATE	DESCRIPTION																			
PROJECT NAME	PROJECT NO.																					
JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP 2722																					

1. THE SIGNALIZATION PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND CONFORM TO THE MOST STRINGENT REQUIREMENT OF THE PROJECT SPECIFICATION, THE LATEST EDITION OF FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (FDOT), AND SUPPLEMENTS THERETO, AND ORANGE COUNTY ROAD AND CONSTRUCTION SPECIFICATIONS.
2. THESE PLANS REFLECT CONDITIONS KNOWN DURING PLAN DEVELOPMENT. IN THE EVENT ACTUAL PHYSICAL CONDITIONS PREVENT THE APPLICATION OR THE PROGRESSION OF ANY WORK SPECIFIED IN THESE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY AND PRIOR TO ANY FURTHER WORK ACTIVITY.
3. WHENEVER SIGNAL WORK IS BEING PERFORMED AT AN INTERSECTION (INSTALLING CONDUIT IN THE STREET, REMOVING EXISTING SIGNAL EQUIPMENT, INSTALLING NEW SIGNAL EQUIPMENT, INSTALLING LOOPS AND RUNS, AND TURNING ON NEW SIGNALS) WHERE A LANE IS CLOSED AN OFF-DUTY LAW ENFORCEMENT OFFICER SHALL DIRECT TRAFFIC. THE COST OF THE OFF-DUTY LAW ENFORCEMENT OFFICER SHALL BE INCIDENTAL TO THE WORK AND WILL NOT BE PAID SEPARATELY.
4. DURING NON-WORKING HOURS, NO EQUIPMENT, VEHICLES OR MATERIAL SHALL BE PARKED OR STORED WITHIN 30 FEET (9 METERS) OF THE ROADWAY CARRYING TRAFFIC. IF THE ABOVE IS NOT POSSIBLE, A STORAGE AREA WITH PROPER DELINEATION AND ADVANCED WARNING SHALL BE USED WITH THE APPROVAL OF THE ENGINEER.
5. NOT USED.
6. AT THE TIME OF FINAL PROJECT INSPECTION THE CONTRACTOR SHALL FURNISH TO THE INSPECTOR THREE COMPLETE SETS OF AS-BUILT PLANS. ONE SET SHALL BE LEFT IN THE CABINET FOR THE LOCAL MAINTAINING AGENCY, ORANGE COUNTY.
7. NOT USED.
8. THE CONTRACTOR SHALL NOTIFY ORANGE COUNTY TRAFFIC OPERATIONS (407-836-7890) AT LEAST 24 HOURS IN ADVANCE OF INSTALLING GROUND RODS, UNDERGROUND CONDUIT, MAST ARM FOUNDATIONS OR SETTING POLES SO THAT THESE OPERATIONS MAY BE OBSERVED.
9. IT SHOULD BE NOTED THAT NO TEST BORINGS WERE MADE WHERE CONDUIT RUNS ARE TO BE INSTALLED BY JACKING OR TRENCHING. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO EXAMINE JOB SITE CONDITIONS BEFORE SUBMITTING BID PROPOSALS IN ACCORDANCE WITH SECTION 2-4 OF THE FDOT SPECIFICATIONS.
10. AS DIRECTED BY THE PROJECT ENGINEER, THE CONTRACTOR SHALL ADJUST CONDUIT VERTICALLY TO AVOID ANY POSSIBLE CONFLICTS WITH UNDERGROUND UTILITIES.
11. ALL CONDUITS TO BE INSTALLED UNDER PAVEMENT OR SIDEWALK SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF THE BASE COURSE.
12. ALL CONDUIT SHALL BE SCHEDULE 40, 2 INCH (5 CM) DIA. MINIMUM UNLESS OTHERWISE SPECIFIED IN PLANS, EXCEPT ELECTRICAL POWER SERVICE DUCT.
13. THE CONTRACTOR SHALL INSTALL A CONDUIT STUB WITH CAP A MINIMUM OF 12 INCHES (30 CM) OUTSIDE THE POLE FOOTING COMPLETE WITH SWEEP UP INTO THE POLE, IN EACH CONDUIT ENTRANCE IN THE POLE. THE FOOTING, TOP OF SIDEWALK, SIDE OF POLE, ETC. SHALL BE MARKED WITH AN APPROPRIATE ETCHED "X" IN ORDER THAT IT MAY BE READILY LOCATED FOR FUTURE USE.
14. ALL ENDS OF CONDUITS IN PULL BOXES AND CABINETS SHALL BE SEALED WITH ELECTRICAL PUTTY AFTER WIRING IS COMPLETE.
15. TWO SPARE CABINET CONDUITS SHALL BE STUBBED AND CAPPED IN THE NEAREST PULL BOX.
16. PULL BOXES SHALL BE PLACED BEHIND CURB AND GUTTER. IF THERE IS NO CURB AND GUTTER, THEN PULL BOXES SHALL BE PLACED AT LEAST 7 FEET (2.1 METERS) FROM THE EDGE OF PAVEMENT.
17. UNLESS SPECIFIED OTHERWISE, ALL PULL BOX COVERS TO BE FURNISHED AND INSTALLED SHALL BE NON-METALLIC.
18. UNDER NO CIRCUMSTANCES SHALL ENERGIZED CABLE BE PLACED IN THE SAME CONDUIT OR PULL BOX AS LOOP LEAD-IN CABLE.
19. ALL CABLE SHALL BE PULLED IN THE CONDUIT WITH A CABLE GRIP DESIGNED TO PROVIDE A FIRM HOLD ON THE EXTERIOR COVERING OF THE CABLE. A WINCH WITH A SLIP CLUTCH SHALL BE USED TO INSURE THAT THE ALLOWABLE TENSION UNIT IS NOT EXCEEDED. AN APPROVED LUBRICANT SHALL BE USED TO FACILITATE THE PULLING OF THE CABLE.
20. THE CONTRACTOR SHALL VERIFY COLOR CODES FOR BOTH SIGNAL AND INTERCONNECT CABLE WITH ORANGE COUNTY BEFORE ORDERING. WIRING DIAGRAMS SHALL BE IN ACCORDANCE WITH ORANGE COUNTY SPECIFICATIONS.
21. ALL FIELD WIRING SHALL BE NEATLY BUNDLED AND CLEARLY IDENTIFIED WITH PERMANENT LEGIBLE, WEATHERPROOF TAGS THAT ARE SECURELY ATTACHED TO EACH CABLE. THE TAGGING SYSTEM PROPOSED SHALL BE SUBMITTED FOR APPROVAL WITH THE OTHER EQUIPMENT SUBMITTALS REQUIRED FOR THIS PROJECT.
22. NOT USED.
23. THREE SPARE WIRES ARE REQUIRED PER SIGNAL CABLE. SPARES SHALL BE BOUND AND GROUNDED IN CABINET.
24. NOT USED.
25. NOT USED.
26. NOT USED.
27. NOT USED.
28. NOT USED.

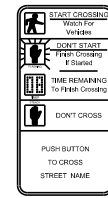
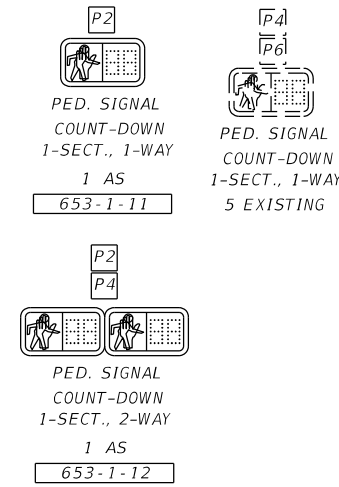
29. NOT USED.
30. DURING TRAFFIC SIGNAL FLASHING OPERATION THE RED ARROW INDICATION OF ALL 3-SECTION LEFT TURN HEADS SHALL FLASH. UNLESS SPECIFIED OTHERWISE, FLASHING OPERATION SHALL BE AMBER FOR MOVEMENTS 2 & 6 AND RED FOR MOVEMENTS 4 & 8.
31. NO POLYCARBONATE HOUSING OR MOUNTING HARDWARE WILL BE PERMITTED FOR VEHICULAR OR PEDESTRIAN SIGNAL HEAD ASSEMBLIES. ALL LENSES FOR THESE HEADS SHALL BE GLASS.
32. NOT USED.
33. NOT USED.
34. NOT USED.
35. THE USE OF "JONES" PLUGS FOR SIGNAL INSTALLATIONS SHALL BE PROHIBITED.
36. NOT USED.
37. EXISTING SIGNALIZATION SHALL REMAIN IN PLACE TO THE EXTENT POSSIBLE AND SHALL BE USED FOR THE MAINTENANCE OF TRAFFIC AS REQUIRED. THE MAINTENANCE OF EXISTING SIGNALS, UNTIL REMOVED, SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
38. NOT USED.
39. NOT USED.
40. NOT USED.
41. NOT USED.
42. NOT USED.
43. NOT USED.
44. NOT USED.
45. NOT USED.
46. NOT USED.
47. NOT USED.
48. NOT USED.
49. PUSH BUTTONS SHALL BE CONSTRUCTED WITH MECHANICAL CONTACTS. MICROSWITCHES SHALL NOT BE USED.
50. NOT USED.
51. UNLESS OTHERWISE NOTED, ALL REMOVED EQUIPMENT EXCEPT CONCRETE POLES SHALL BE DELIVERED TO THE MAINTAINING AGENCY. THE MAINTAINING AGENCY IS:
ORANGE COUNTY TRAFFIC OPERATIONS
4200 SOUTH JOHN YOUNG PARKWAY
ORLANDO, FLORIDA 32839-9205
(407) 836- 7804
52. NOT USED.
53. NOT USED.
54. NOT USED.
55. NOT USED.
56. THE CONTRACTOR SHALL NOTIFY ORANGE COUNTY TRAFFIC ENGINEERING AT 407-836-7890 THAT A SIGNAL IS READY FOR INITIAL INSPECTION. TRAFFIC ENGINEERING WILL COMPLETE INITIAL INSPECTION WITHIN 7 DAYS OF NOTIFICATION AND ALLOW THE SIGNAL TO BE TURNED ON FLASHING MODE IF DETERMINED TO BE READY FOR FULL OPERATION. TRAFFIC ENGINEERING WILL ALLOW THE SIGNAL TO BE TURNED ON TO FULL OPERATION WHEN AUTHORIZED BY THE ENGINEER.

REVISIONS				 DRMP, INC. 941 LAKE BALDWIN LANE ORLANDO, FL 32814 CERT. OF AUTH.: 2648 NICHOLAS D. DEVITO, P.E. P.E. NO.: 78448	DESIGN PLANS FOR:		GENERAL NOTES	SHEET NO. T-4
DATE	DESCRIPTION	DATE	DESCRIPTION		INTERSECTION IMPROVEMENTS			
					PROJECT NAME	PROJECT NO.		
					JYP AT CONROY RD./AMERICANA BLVD. & TEXAS AVE. AT RIO GRANDE AVE.	CIP 2722		

SIGNAL HEAD DETAILS



PEDESTRIAN HEAD DETAILS



FTP-68B-06
3 EA

VIDEO DETECTOR CHART

VIDEO DETECTOR CAMERA	DETECTION ZONE	DELAY TIME (SEC)
EX. V-1	VDZ-2	
	VDZ-5	
	VDZ-3	
	VDZ-8	5
	VDZ-1	
	VDZ-6	
	VDZ-4	5

DELAY TIME IS INITIAL AND MAY REQUIRE FIELD ADJUSTING AS DIRECTED BY PROJECT ENGINEER.

CONTROLLER TIMINGS

TIMING FUNCTION	1	2	3	4	5	6	7	8
MINIMUM GREEN								
EXTENSION								
MAXIMUM GREEN 1								
MAXIMUM GREEN 2								
YELLOW CLEARANCE								
ALL RED								
PEDESTRIAN WALK		7.0	7.0	7.0				
PED. CLEARANCE		1.3						
RECALL								

EXISTING TIMING SHALL REMAIN EXCEPT AS NOTED ABOVE.

- NOTES:
1. THE MAJOR STREET IS RIO GRANDE AVE MOVEMENTS 2 & 6, AND MINOR STREETS ARE TEXAS AVE AND 43RD ST, MOVEMENTS 4 & 8.
 2. UNLESS OTHERWISE NOTED, ALL EXISTING SIGNAL EQUIPMENT SHALL REMAIN.
 3. THE EXISTING CONDUIT AND PULL BOXES SHALL BE RE-UTILIZED FOR HOME RUNS TO THE CONTROLLER.
 4. EXISTING SOP TO BE USED.

