

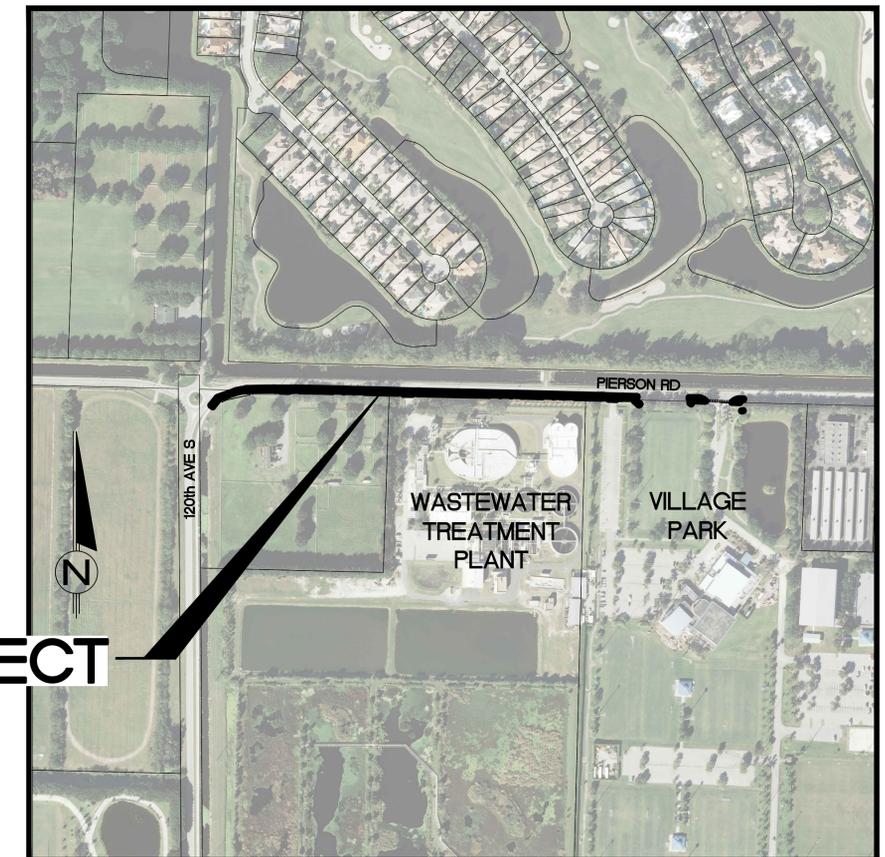
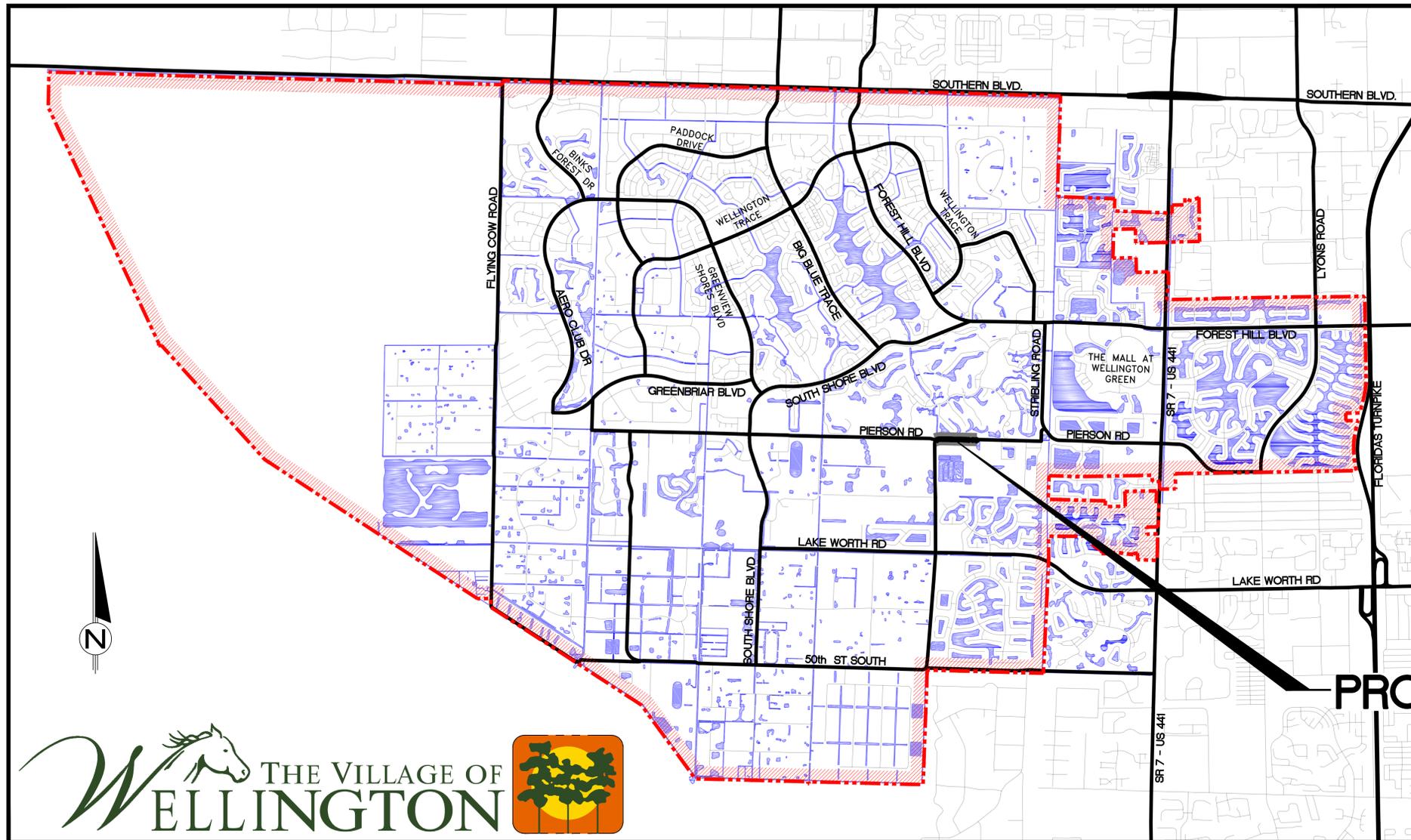
CONSTRUCTION PLANS FOR PIERSON ROAD SIDEWALK IMPROVEMENTS

VILLAGE CONCIL

BOB MARGOLIS - MAYOR
JOHN GREENE - VICE MAYOR
MATT WILLHITE - COUNCIL MEMBER
ANNE GERWIG - COUNCIL MEMBER
HOWARD K. COATES, JR - COUNCIL MEMBER

DRAWING INDEX

SHEET NO.	DESCRIPTION
COV	COVER
C.1	TYPICAL SECTIONS AND GENERAL NOTES
C.2 - C.3	PAVING, GRADING AND DRAINAGE PLAN



VILLAGE MAP
1:3,000 SCALE

ENGINEER'S CERTIFICATION:

I HEREBY CERTIFY THAT THE ATTACHED PLANS AND DESIGN ARE IN SUBSTANTIAL COMPLIANCE WITH THE DESIGN STANDARDS AND CRITERIA IN EFFECT ON THIS DATE FOR THE WELLINGTON ENGINEERING DEPARTMENT.

DATE: _____

JONATHAN ROGER REINSVOLD, P.E.
SENIOR ENGINEER, VILLAGE OF WELLINGTON
FL REGISTRATION NO. 74033

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JONATHAN ROGER REINSVOLD, P.E.
FLORIDA LICENSE No. 74033

Engineering Department
12300 Forest Hill Boulevard, Wellington, Florida 33414

VICINITY MAP
1:300 SCALE

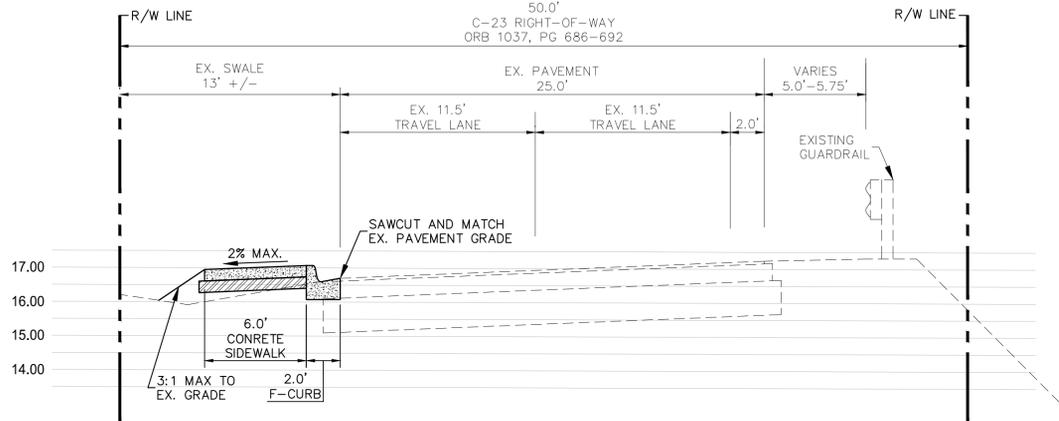
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Know what's below.
Call before you dig.

REPRODUCTION:
ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

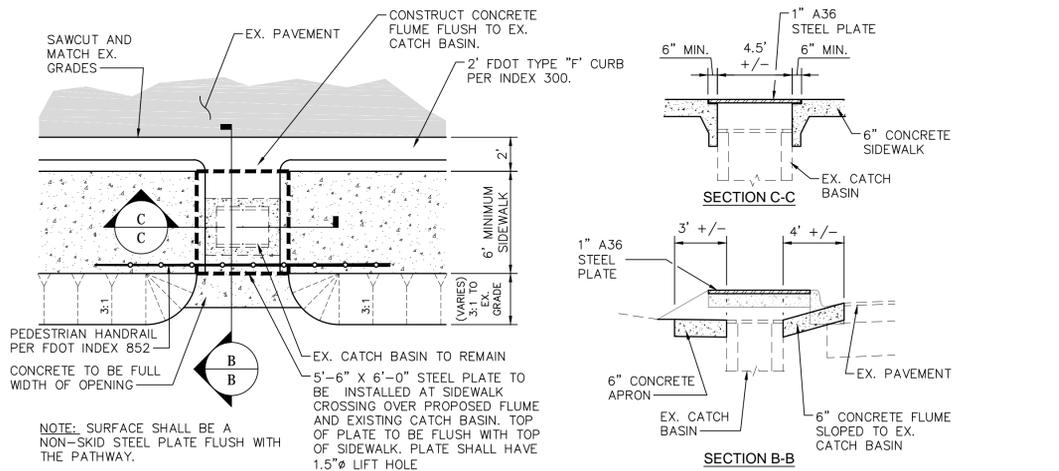
DATE	AUG. 2013	SHEET NO.	COVER
DRAWN	J.R.R.		
PROJECT ENGINEER	J.R.R.		
PROJECT MANAGER	J.R.R.		
CHECKED	W.J.R.	JOB NO.	N/A



TYPICAL SECTION A-A (LOOKING WEST)

TYPICAL SECTION NOTES

1. ALL WORK SHALL CONFORM TO FDOT SPECIFICATIONS AND DESIGN STANDARDS, LATEST EDITION, UNLESS SPECIFIED OTHERWISE.
2. CURBING SHALL CONFORM TO FDOT INDEX 300
3. CURB RAMPS SHALL CONFORM TO FDOT INDEX 304
4. SIDEWALKS SHALL CONFORM TO FDOT INDEX 310
5. CONCRETE SIDEWALK SPECIFICATIONS:
 - 5.1. SIDEWALK TO BE MIN. 4" THICK PORTLAND CEMENT CONCRETE, MIN. 2500 P.S.I. @ 28 DAYS.
 - 5.2. BASE TO BE 12" COMPACTED TO MINIMUM OF 98% OF THE MAXIMUM DENSITY (AASHTO T-180).
 - 5.3. CONCRETE TO BE BROOM FINISHED WITH EVEN DUSTLESS SURFACE.



SIDEWALK CROSSING DETAIL AT EXISTING CATCH BASIN (N.T.S.)

LEGEND

PROPOSED FEATURES

	CONCRETE SIDEWALK		CATCH BASIN
	ASPHALT RESURFACING		STREET LIGHT
	FINISHED GRADE ELEVATION		TREE
	TRAFFIC SIGN		INFORMATION SIGN
	DRAINAGE FLOW DIRECTION		GUY WIRE
	MAILBOX		ELECTRIC BOX
	MEASURED ELEV.		UTILITY POLE
	SANITARY MANHOLE		BURIED ELECTRIC
	STORM MANHOLE		BURIED TELEPHONE
	CLEANOUT		OVERHEAD ELECTRIC
	FIRE HYDRANT		OVERHEAD TELEPHONE
	FENCE		STORM
	GATE VALVE		WATER
	WATER METER		

ABBREVIATIONS

ELEV.	ELEVATION	C	CENTERLINE
INV.	INVERT	P	PROPERTY LINE
EXIST.	EXISTING	CAP	CORRUGATED ALUMINUM PIPE
TYP.	TYPICAL	PVC	POLYVINYL CHLORIDE
FT	FEET OR FOOT	OD	OUTSIDE DIAMETER
LF	LINEAR FEET	CY	CUBIC YARD
N	NORTH	IN	INCH
S	SOUTH	LT	LEFT
E	EAST	RT	RIGHT
W	WEST	SF	SQUARE FEET
R/W	RIGHT OF WAY	AC	ACRE
O.R.B.	OFFICIAL RECORD BOOK	PC	POINT OF CURVATURE
RCP	REINFORCED CONCRETE PIPE	PT	POINT OF TANGENCY
P.B.	PLAT BOOK	PI	POINT OF INTERSECTION
WM	WATERMAIN	SY	SQUARE YARD
U.E.	UTILITY EASEMENT	HDPE	HIGH DENSITY POLYETHYLENE
A.E.	ACCESS EASEMENT	CMP	CORRUGATED METAL PIPE
D.E.	DRAINAGE EASEMENT	TBM	TEMPORARY BENCHMARK
		FES	FLARED END SECTION

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO FDOT SPECIFICATIONS AND DESIGN STANDARDS, LATEST EDITION, UNLESS SPECIFIED OTHERWISE.
2. WORK INCLUDED
 - a. THE CONTRACTOR SHALL FURNISH ALL LABOR, SUPERINTENDENCE, QUALITY CONTROL, MATERIALS, PLANT, POWER, LIGHT, HEAT, FUEL, WATER, TOOLS, APPLIANCES, EQUIPMENT, SUPPLIES, AND OTHER MEANS OF CONSTRUCTION NECESSARY AND PROPER FOR PERFORMING AND COMPLETING THE WORK. CONTRACTOR SHALL PERFORM AND COMPLETE THE WORK IN THE MANNER BEST CALCULATED TO PROMOTE SCHEDULED CONSTRUCTION CONSISTENT WITH SAFETY OF LIFE AND PROPERTY AND TO THE SATISFACTION OF THE OWNER, AND IN STRICT ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL CLEAN UP THE WORK, MAINTAIN IT DURING CONSTRUCTION, AND PAY ALL COSTS INCIDENTAL THERETO. CONTRACTOR SHALL REPAIR OR RESTORE ALL STRUCTURES AND PROPERTY THAT MAY BE DAMAGED OR DISTURBED DURING PERFORMANCE OF THE WORK.
 - b. THE COST OF INCIDENTAL WORK DESCRIBED IN THESE GENERAL REQUIREMENTS, FOR WHICH THERE ARE NO SPECIFIC CONTRACT ITEMS SHALL BE CONSIDERED AS PART OF THE GENERAL COST OF DOING THE WORK AND SHALL BE INCLUDED IN THE PRICES FOR THE VARIOUS CONTRACT ITEMS. NO ADDITIONAL PAYMENT WILL BE MADE THEREFOR.
 - c. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SUCH MODERN PLANT, TOOLS, AND EQUIPMENT AS MAY BE NECESSARY IN THE OPINION OF THE ENGINEER, TO PERFORM IN A SATISFACTORY AND ACCEPTABLE MANNER ALL THE WORK REQUIRED BY THE CONTRACT. ONLY EQUIPMENT OF ESTABLISHED REPUTATION AND PROVEN EFFICIENCY SHALL BE USED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE ADEQUACY OF WORKMANSHIP, MATERIALS AND EQUIPMENT, PRIOR APPROVAL OF THE ENGINEER NOTWITHSTANDING.
3. SHOP DRAWINGS, PRODUCT DATA AND SAMPLES
 - a. SUBMIT AT LEAST FIVE (5) COPIES OF ALL REQUIRED SHOP DRAWINGS, PRODUCT DATA AND SAMPLES FOR ENGINEER'S REVIEW.
 - b. SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND TRANSMITTAL LETTERS PERTAINING THERETO SHALL BE IDENTIFIED WITH THE TITLE OF THE PROJECT, SUBMISSION DATE, AND THE CONTRACTOR'S ACKNOWLEDGEMENT THAT HE HAS REVIEWED THEM AND FOUND THEM ACCEPTABLE.
 - c. NOTIFY ENGINEER IN WRITING, AT THE TIME OF SUBMITTAL, OF ANY DEVIATIONS IN THE SUBMITTALS FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
 - d. THE REVIEW AND APPROVAL OF SHOP DRAWINGS, SAMPLES OR PRODUCT DATA BY THE ENGINEER SHALL NOT RELIEVE THE CONTRACTOR FROM HIS/HER RESPONSIBILITY WITH REGARD TO THE FULFILLMENT OF THE TERMS OF THE CONTRACT DOCUMENTS. ALL RISKS OF ERROR AND OMISSION ARE ASSUMED BY THE CONTRACTOR AND THE ENGINEER WILL HAVE NO RESPONSIBILITY THEREFOR.
4. THE LOCATION OF ALL EXISTING UTILITIES SHOWN IN THE PLANS ARE PROXIMATE ONLY AND ARE BASED ON AS BUILT SURVEY INFORMATION. ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VERIFYING ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION. ANY AND ALL KNOWN CONFLICTS WITH EXISTING UTILITIES SHALL BE REPORTED TO THE CONSULTANT. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED. THE APPROPRIATE UTILITY COMPANY SHALL BE NOTIFIED IN ADVANCE OF ANY EXCAVATION INVOLVING THEIR UTILITIES SO THAT A COMPANY REPRESENTATIVE CAN BE PRESENT. DETERMINATION OF THE EXACT LOCATION OF ANY/ALL UTILITIES WHICH MAY BE INVOLVED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING UTILITY LOCATION PRIOR TO SUBMITTING SHOP DRAWINGS OF PRECAST COMPLEX STRUCTURES FOR APPROVAL.

UTILITY OWNERS & CONTACT: TELEPHONE NO.

AT&T		
SANDRA EMERT	(561) 357-6616	
COMCAST CABLEVISION		
JEANNINE MCENROE	(561) 881-3255	
FLORIDA POWER & LIGHT		
ALAN BOAZ	(561) 575-6346	
FLORIDA PUBLIC UTILITIES		
VINCE KREPPES	(561) 684-4030	
VILLAGE OF WELLINGTON		
COREY ROBINSON	(561) 753-2464	
PALM BEACH COUNTY PUBLIC COMMUNICATION SUPERINTENDENT	(561) 533-3900	

5. THE CONTRACTOR SHALL NOTIFY THE PROPER UTILITY COMPANY AT LEAST 48 HOURS IN ADVANCE OF ANY EXCAVATION NEAR OR AROUND THEIR FACILITY SO THAT A COMPANY REPRESENTATIVE CAN BE PRESENT.
6. THE CONTRACTOR IS TO USE EXTREME CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES AND UNDERGROUND UTILITIES.
7. THE CONTRACTOR IS TO PROTECT UNDERGROUND UTILITIES DURING CONSTRUCTION AT ALL TIMES.
8. FOR UTILITY ADJUSTMENT SYMBOLS, SEE FDOT STANDARD INDEX 002.
9. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED THE PROJECT ENGINEER SHALL NOTIFY THE COUNTY SURVEYOR WITHIN THE WAY BY TELEPHONE.
10. ALL ELEVATIONS ARE REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM (NGVD) OF 1929 IN FEET.
11. TOPOGRAPHIC SURVEY PERFORMED BY ENGENUITY ON 10/14.
12. ANY NGVD 29 MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED.
13. ALL EXISTING TREES & SHRUBS IN CONFLICT WITH PROPOSED PATHWAYS WITHIN R/W SHALL BE REMOVED.
14. NEATLY REMOVE OR PRUNE ALL EXIST. TREES, HEDGES AND OTHER VEGETATION (INCLUDING THOSE NOT SHOWN HEREON) AS NECESSARY TO PROVIDE MINIMUM CLEARANCES OF 1FT HORIZONTAL AND 10FT VERTICAL FROM THE PROPOSED PATH.
15. ALL PEDESTRIAN ROUTES SHALL MEET THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT. CROSS SLOPES SHALL NOT EXCEED 2% AND LONGITUDINAL SLOPES SHALL NOT EXCEED 5%.
16. EXISTING DRAINAGE STRUCTURES AND PIPES WITHIN THE LIMITS OF CONSTRUCTION SHALL REMAIN UNLESS OTHERWISE NOTED.
17. ALL EXISTING PIPES THAT ARE TO REMAIN ARE TO BE CLEANED OUT (DESILTED) AS DIRECTED BY THE ENGINEER.
18. ALL STATIONS AND OFFSETS ARE FROM THE CENTERLINE OF CONSTRUCTION TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
19. RADII, DIMENSIONS AND ELEVATIONS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
20. PROPOSED GRADES SHOWN OUR FINISH GRADES.
21. FOR DETAILS OF CURB CUT RAMPS SEE FDOT STANDARD INDEX NO. 304.
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF EXISTING LANDSCAPING AND IRRIGATION SYSTEMS LOCATED ON PRIVATE PROPERTY. REPAIR OR REPLACEMENT OF SYSTEMS DAMAGE BY THE CONTRACTOR SHALL BE MADE AT THE EXPENSE OF THE CONTRACTOR.
23. THE CONTRACTOR AND OR HIS SUBCONTRACTORS SHALL BE IN COMPLIANCE WITH CURRENT OSHA, STATE, COUNTY AND LOCAL REGULATIONS, WHICH INCLUDE BUT ARE NOT LIMITED TO 54 CFR 45894 AND 29 CFR 1926.650 & 651 AND THE FLORIDA TRENCH SAFETY ACT.
24. CONTRACTOR SHALL OBTAIN A "DEWATERING GENERAL WATER USE PERMIT" FROM THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT PRIOR TO COMMENCING DEWATERING UNLESS THE WORK QUALIFIES FOR A "NO-NOTICE" AUTHORIZATION AS DESCRIBED IN RULE 40E-20.302(3) OF THE FLORIDA ADMINISTRATIVE CODE AND APPROVE SET OF CONSTRUCTION PLANS AND CONTRACT DOCUMENTS SHALL BE MAINTAINED BY THE CONTRACTOR ON SITE AT ALL TIMES DURING CONSTRUCTION OPERATIONS.
25. SALVAGE MATERIAL
 - a. ALL SALVAGEABLE MATERIAL AND EQUIPMENT REMOVED FROM THE EXISTING CONSTRUCTION FOR WHICH SPECIFIC USE, RELOCATION OR OTHER DISPOSAL IS NOT SPECIFICALLY NOTED ON THE DRAWINGS OR OTHERWISE SPECIFIED, SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE TURNED OVER TO HIM. ALL MATERIAL AND EQUIPMENT NOT IN SALVAGEABLE CONDITION AS DETERMINED BY THE ENGINEER, SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER AT THE CONTRACTOR'S EXPENSE. THE ACTUAL STORAGE SITE FOR SALVAGEABLE MATERIAL WILL BE DESIGNATED BY THE OWNER.
26. CLEANING
 - a. DURING CONSTRUCTION OF THE WORK, THE CONTRACTOR SHALL, AT ALL TIMES, KEEP THE SITE OF THE WORK AND ADJACENT PREMISES AS FREE FROM MATERIAL, DEBRIS AND RUBBISH AS IS PRACTICABLE AND SHALL REMOVE THE SAME FROM ANY PORTION OF THE SITE IF, IN THE OPINION OF THE ENGINEER, SUCH MATERIAL, DEBRIS, OR RUBBISH CONSTITUTES A NUISANCE OR IS OBJECTIONABLE.
 - b. AT THE CONCLUSION OF THE WORK, ALL TOOLS, TEMPORARY STRUCTURES AND MATERIALS BELONGING TO THE CONTRACTOR SHALL BE PROMPTLY TAKEN AWAY AND CONTRACTOR SHALL REMOVE AND PROMPTLY DISPOSE OF ALL RUBBISH OR ANY OTHER FOREIGN MATERIALS. THE CONTRACTOR SHALL THOROUGHLY CLEAN ALL MATERIAL INSTALLED AND SHALL DELIVER SUCH MATERIALS UNDAMAGED IN A CLEAN AND NEW CONDITION.

PAVING:

1. IMMEDIATELY CEASE TRANSPORTATION OF ASPHALT MIXTURES FROM THE PLANT WHEN RAIN BEGINS AT THE ROADWAY. DO NOT PLACE ASPHALT MIXTURES WHILE RAIN IS FALLING, OR WHEN THERE IS WATER ON THE SURFACE TO BE COVERED.
2. CONTRACTOR SHALL COMPLY WITH SECTION 330 OF FDOT STANDARD SPECIFICATIONS 2000 FOR TYPE "S" SERIES ASPHALT.
3. OBTAIN A SMOOTH SURFACE ON ALL PAVEMENT COURSES PLACED AND THEN STRAIGHTEDGE ALL INTERMEDIATE AND FINAL COURSES WITH A 15-FOOT ROLLING STRAIGHTEDGE. FURNISH A 15-FOOT STRAIGHTEDGE AND MAKE IT AVAILABLE AT THE JOB SITE AT ALL TIMES DURING THE PAVING OPERATION FOR CHECKING JOINTS AND SURFACE IRREGULARITIES.
4. PRODUCE A FINISHED SURFACE OF UNIFORM TEXTURE AND COMPACTION WITH NO PULLED, TORN, OR LOOSESED PORTIONS AND FREE OF SEGREGATION, AND STREAKS, SAND SPOTS, OR RIPPLES.
5. UPON COMPLETION OF FINAL SURFACE COURSE ENGINEER WILL TEST FINISHED SURFACE WITH A 15- FOOT ROLLING STRAIGHTEDGE. CORRECT ALL DEFICIENCIES IN EXCESS OF 3/16-INCH IN ACCORDANCE WITH PARAGRAPH 330-12 OF THE FDOT SPECIFICATIONS.
6. ENGINEER WILL DETERMINE PAVEMENT THICKNESS FROM THE DEPTH OF CORE BORINGS. THE MAXIMUM ALLOWABLE DEFICIENCY IN THICKNESS FOR PAVEMENT OF A SPECIFIED THICKNESS OF 2 1/2 INCHES OR MORE IS 1/2 INCH. FOR PAVEMENT OF A SPECIFIED THICKNESS OF LESS THAN 2 1/2 INCHES IS 3/4 INCH.
7. IMMEDIATELY AFTER PLACEMENT, PROTECT PAVEMENT FROM MECHANICAL INJURY FOR AS LONG AS REQUIRED UNTIL ACCEPTED BY ENGINEER.

DRAINAGE:

1. NOTIFY ENGINEER OF FIELD CONFLICTS OR DESIGN DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.
2. EXISTING WATER, SEWER AND DRAINAGE SYSTEMS ARE REPRESENTED AS DASHED LINES AND SHALL BE VERIFIED BY CONTRACTOR.
3. CONTRACTOR SHALL PROTECT ALL UTILITIES AND PUBLIC IMPROVEMENTS AND SHALL BE RESPONSIBLE FOR ALL DAMAGES CAUSED DURING CONSTRUCTION AND SHALL REPAIR SAID DAMAGES AT HIS EXPENSE. CONTRACTOR TO RESTORE ALL AREAS DISTURBED DURING CONSTRUCTION TO ORIGINAL OR BETTER CONDITION.
4. SUPPORT THE RELOCATION OF EXISTING STREETLIGHT POLES POWER OR TELEPHONE POLES, EXISTING UTILITIES, IRRIGATION SYSTEMS, SIDEWALKS, WALLS, ETC., NECESSARY FOR COMPLETION OF THIS WORK ARE THE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.
5. INFORMATION SHOWN ON THESE DRAWINGS AS TO THE LOCATION OF EXISTING UTILITIES HAS BEEN PREPARED FROM THE LATEST AND MOST ACCURATE DATA AVAILABLE TO THE ENGINEER. THIS INFORMATION IS NOT TO BE GUARANTEED, HOWEVER, AND IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE LOCATION, CHARACTER AND DEPTH OF ANY EXISTING UTILITIES. ALL "AS-BUILT" INFORMATION INCLUDING LOCATION AND ELEVATION OF UTILITY STUB OUTS TO BE FIELD VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION OR ORDERING OF STRUCTURES. NOTIFY ENGINEER OF DISCREPANCIES/CONFLICTS.
6. ALL DRAINAGE CONSTRUCTION SHALL CONFORM TO FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION) AND THE VILLAGE OF WELLINGTON REQUIREMENTS.
7. ALL DRAINAGE PIPE SHOWN AS RCP SHELBY REINFORCED CONCRETE PIPE CLASS III, WALL "B" AND CONFORMING TO THE FLORIDA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
8. CONTRACTOR SHALL PROVIDE ADEQUATE EQUIPMENT FOR THE REMOVAL OF STORM, SURFACE AND/OR SUBSURFACE WATER WHICH MAY ACCUMULATE IN THE EXCAVATION AREAS SO THAT IT WILL BE SUITABLY DRIVE FOR WORK REQUIRED.
9. NO OFF-SITE DISCHARGE FROM DEWATERING OPERATION SHALL BE PERMITTED UNLESS THE CONTRACTOR SECURES WRITTEN PERMISSION FROM THE GOVERNING AUTHORITIES.
10. WHERE ENCOUNTERED, MARK SHALL BE COMPLETELY REMOVED FROM THE PAVED AREAS TEND TO BE ON THE EDGE OF PAVEMENT EACH SIDE.
11. CONTRACTOR TO PROVIDE TEST REPORTS FROM AN INDEPENDENT LABORATORY FOR PROCTORS AND DENSITIES ON BASE UPGRADING PIPE BACKFILL.
12. CONTRACTOR IS RESPONSIBLE FOR PROVIDING COMPLETE PAVING AND DRAINAGE, WATER AND SEWER CONSTRUCTION RECORD INFORMATION TO THE ENGINEER.
13. CONTRACTOR SHALL ARRANGE FOR THE ENGINEER TO OBSERVE:
 - a. STORM SEWER AFTER GROUTING AND WHEN BACKFILL IS COMPLETED TO THE MIDPOINT OF THE PIPE.
 - b. STRONGING OF SUBGRADE.
 - c. STRONGING/BOARDING OF BASE.
14. THE CONTRACTOR SHALL FILL AND FIND GRADE ALL PLANTING AREAS, LEAVING THE FINISH GRADE SMOOTH AND READY TO RECEIVE SOO OR OTHER PLANNING MATERIAL, WHERE SOO/S ARE DESIRED. THE FINISH GRADE SHALL BE 2 INCHES LOWER TO ALLOW FOR THICKNESS OF THE GRASS. SPECIAL ATTENTION SHALL BE GIVEN ALONG EDGE OF PAVEMENT AND SIDEWALKS SO AS NOT TO TRAP WATER.
15. ALL SLOPE RIGHT-OF-WAY AREAS AND YARD AREAS SHALL BE GRADED AND SEATED OR SODDED IN ACCORDANCE WITH GOVERNING AGENCY STANDARDS. NO AREAS SHALL BE LEFT BARREN OR SUBJECT TO EROSION.
16. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO IT HERE TO ALL OSHA RULES AND FLORIDA LAWS RELATED TO TRENCH SAFETY.
17. CONTRACTOR SHALL ENSURE NO SETTLEMENT OR DEBRIS LEAVE THE SITE OR CONSTRUCTION IN ACCORDANCE WITH NPDES REQUIREMENTS (SILT FENCE, HAYBALES OR SOUGHT ARBONS ORNAMENTS, WASH ROCK EXIT, ETC. MAY BE REQUIRED TO MEET SAID REQUIREMENTS). CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREPARATION IMPLEMENTATION AND CERTIFICATION OF ALL NPDES POLLUTION PREVENTION RELATED MEASURES (IE FLUNG OF AN AND OI POLLUTION PREVENTION PLAN MONITORING REPORTS, ETC.)

PAVEMENT MARKING:

- DO NOT APPLY MARKINGS WITHIN 5 DAYS OF PAVEMENT PLACEMENT WITH THE EXCEPTION OF FRICTION COURSE WHICH IS 30 DAYS.
 - PRIOR TO APPLYING PAVEMENT MARKINGS, REMOVE ANY MATERIAL THAT WOULD ADVERSELY AFFECT THE BOND.
 - DO NOT APPLY WHEN WINDS ARE SUFFICIENT TO CAUSE SPRAY DUST.
 - PRIOR TO APPLICATION OF THERMOPLASTIC MATERIAL TO PORTLAND CEMENT CONCRETE SURFACES, APPLY A TWO-PART EPOXY PRIMER SEALER RECOMMENDED BY THE MANUFACTURER.
 - ESTABLISH TACK POINTS AT APPROPRIATE INTERVALS FOR USE IN ALIGNING MARKINGS.
 - APPLY ONLY DURING DAYLIGHT HOURS AND, AS FAR AS PRACTICAL, SHALL BE TERMINATED IN TIME TO PERMIT SUFFICIENT DRYING BY SUNSET.
 - THE SURFACE WHICH IS TO BE PAINTED SHALL BE CLEANED, BY COMPRESSED AIR OR OTHER EFFECTIVE MEANS, IMMEDIATELY BEFORE THE START OF PAINTING AND SHALL BE CLEAN AND DRY WHEN THE PAINT IS APPLIED. ANY VEGETATION OR LOOSE SOIL SHALL BE REMOVED FROM THE PAVEMENT BEFORE STRIPING BEGINS.
 - THOROUGHLY MIX PAINT BEFORE POURING INTO THE PAINTING MACHINE. NO THINNING OF THE PAINT IN THE MACHINE WILL BE ALLOWED AT ANY TIME, BEFORE THE START OF EACH DAY'S WORK. THE PAINT CONTAINER, THE CONNECTIONS, AND THE SPRAY NOZZLES ON THE MACHINE SHALL BE THOROUGHLY CLEANED WITH PAINT THINNER OR OTHER SUITABLE CLEANER.
- APPLICATION - THERMOPLASTIC
 - APPLY THERMOPLASTIC TO THE PAVEMENT BY EXTRUSION.
 - EDGES OF MARKINGS ARE TO BE WELL DEFINED.
 - THICKNESS TO BE AT LEAST 90 MILS.
 - APPLY REFLECTIVE GLASS SPHERES IMMEDIATELY BEHIND THE STRIPING MECHANISM.
 - APPLICATION - REFLECTIVE PAINT
 - APPLY PAINT TO THE PAVEMENT BY SPRAY.
 - EDGES OF MARKINGS ARE TO BE WELL DEFINED.
 - APPLY PAINT TO ATTAIN A MINIMUM WET FILM THICKNESS OF 15 MILS.
 - APPLY SPHERES IMMEDIATELY AND UNIFORMLY FOLLOWING THE PAINT APPLICATION.
 - APPLICATION - REFLECTIVE PAVEMENT MARKERS
 - SET REFLECTIVE PAVEMENT MARKERS 1 INCH TO THE LEFT OR RIGHT OF THE LINE.
 - APPLY THE ADHESIVE TO THE BONDING SURFACE (NOT THE MARKER) SO THAT 100 PERCENT OF THE BONDING AREA OF THE MARKER WILL BE COVERED.
 - APPLY SUFFICIENT ADHESIVE TO ENSURE THAT THE MARKER IS PRESSED DOWN INTO THE ADHESIVE AND ADHESIVE WILL BE FORCED AROUND THE PERIMETER OF THE MARKER.
 - IMMEDIATELY REMOVE EXCESS ADHESIVE FROM THE BONDING SURFACE AND THE EXTERNAL SURFACE OF THE MARKER.
 - PROTECTION
 - DO NOT ALLOW TRAFFIC ONTO NEWLY PAINTED TRAFFIC STRIPES AND MARKINGS UNTIL THEY ARE SUFFICIENTLY DRY TO PERMIT VEHICLES TO CROSS THEM WITHOUT DAMAGE.
 - WARNING SIGNS SHALL BE SET UP BEFORE THE BEGINNING OF EACH OPERATION AND EXTRA SIGNS SHALL BE KEPT WELL AHEAD OF THE APPLICATION EQUIPMENT. THE EQUIPMENT SHALL BE SO OPERATED THAT TRAFFIC MAY PASS SAFELY. WARNING SIGNS ARE TO BE PLACED ONLY WHERE OPERATIONS ARE IN PROGRESS AND ARE TO BE RELOCATED AS OFTEN AS IS NECESSARY.
 - PROTECTIVE DEVICES, SHALL BE PLACED ALONG THE NEWLY-PAINTED STRIPE TO PREVENT TRAFFIC FROM CROSSING THE WET PAINT. ANY SUCH DEVICES USED SHALL BE OF A TYPE THAT WILL NOT CAUSE DAMAGE TO VEHICULAR TRAFFIC IN THE EVENT THAT THESE OBJECTS ARE ACCIDENTALLY PASSED OVER.
 - ANY PORTIONS OF THE PAVEMENT MARKINGS DAMAGED BY PASSING TRAFFIC OR FROM ANY OTHER CAUSE SHALL BE REWORKED AT NO ADDITIONAL COST TO THE OWNER.
 - IF MORE THAN 2 PERCENT OF THE REFLECTIVE PAVEMENT MARKERS FAIL IN ADHESION OR ALIGNMENT WITHIN THE 45 DAYS UNDER TRAFFIC, REPLACE ALL FAILED MARKERS AT NO ADDITIONAL COST TO THE OWNER.
 - CORRECTIVE MEASURES
 - PAVEMENT MARKINGS WHICH FAIL TO MEET THE GUIDELINES, INCLUDING THE PERMISSIBLE TOLERANCES AND THE APPEARANCE REQUIREMENTS, ARE MARRED OR DAMAGED BY TRAFFIC OR FROM ANY OTHER CAUSE SHALL BE CORRECTED AT NO ADDITIONAL COST TO OWNER. DRIPS AND SPATTERED PAINT SHALL BE REMOVED. WHENEVER IT IS NECESSARY TO REMOVE PAINT IT SHALL BE DONE BY MEANS WHICH WILL NOT DAMAGE THE UNDERLYING SURFACE OF THE PAVEMENT. WHEN NECESSARY TO CORRECT A DEVIATION WHICH EXCEEDS THE PERMISSIBLE TOLERANCE IN ALIGNMENT, THAT PORTION OF THE STRIP AFFECTED SHALL BE REMOVED AND REPAINTED IN ACCORDANCE WITH THESE GUIDELINES.
 - MISALIGNMENT, DEFECTIVE SURFACES, AND THE LIKE SHALL BE CORRECTED BY SANDBLASTING OR BY ANY OTHER TYPE OF MECHANICAL DEVICE WHICH WILL EFFECTIVELY REMOVE THE PAINT WITHOUT DAMAGE TO THE PAVEMENT SURFACE.
 - DIMENSION AND ALIGNMENT TOLERANCE
 - NO MARKING SHALL BE LESS THAN THE INDICATED WIDTH. NO MARKING SHALL EXCEED THE INDICATED WIDTH BY MORE THAN 1/2 INCH.
 - CORRECTIONS OF VARIATION IN THE WIDTH OF, AND THE ALIGNMENT OF STRIPS SHALL NOT BE MADE ABRUPTLY BUT THE STRIPES SHOULD BE RETURNED TO THE DESIGN WIDTH AT THE RATE OF AT LEAST 10 FEET FOR EACH 1/4 INCH OF CORRECTION.
 - WHERE A STRIPE DEVIATES FROM THE CORRECT ALIGNMENT, AS INDICATED BY THE STRING LINE, BY MORE THAN ONE INCH IN ANY 20 FOOT LENGTH, IT SHALL BE OBLITERATED AND THE STRIPE CORRECTED.

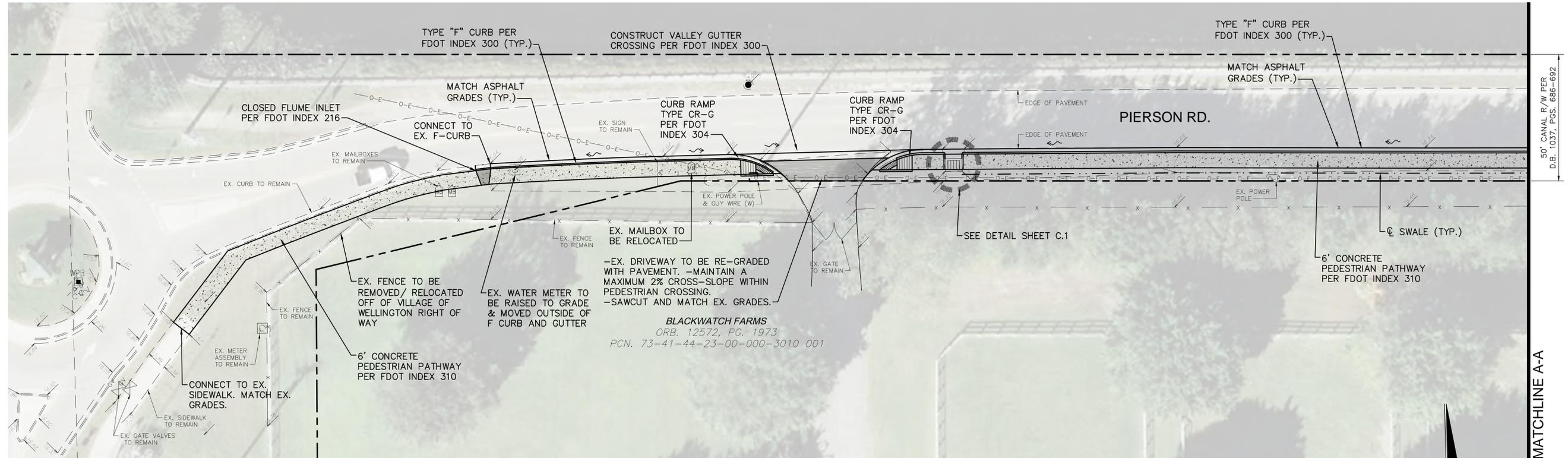
NO.	DATE	REVISIONS	REMARKS	BY

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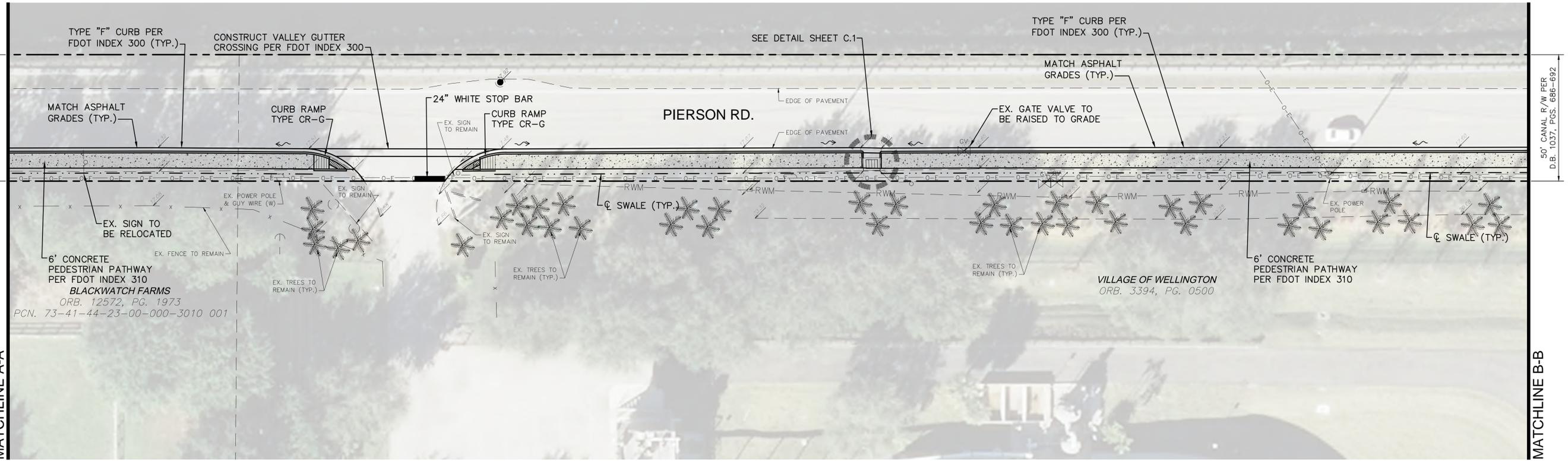
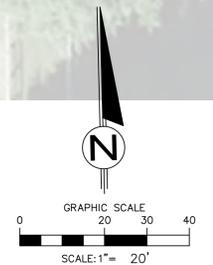
TYPICAL SECTIONS AND GENERAL NOTES FOR PIERSON ROAD SIDEWALK IMPROVEMENTS



DATE	10/2014	DRAWN	JRR	PROJECT ENGINEER	JRR	PROJECT MANAGER	JRR	CHECKED	WJR
TITLE	PIERSON ROAD SIDEWALK IMPROVEMENTS (CURRENT) (PR-ALLDW)	C.1							
ISSUED FOR BIDDING	12/22/2014	JOB NO. #T.B.D.							



MATCHLINE A-A



MATCHLINE A-A

MATCHLINE B-B

NO.	DATE	REMARKS	BY

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**PAVING, GRADING AND DRAINAGE PLAN
 FOR
 PIERSON ROAD SIDEWALK IMPROVEMENTS**



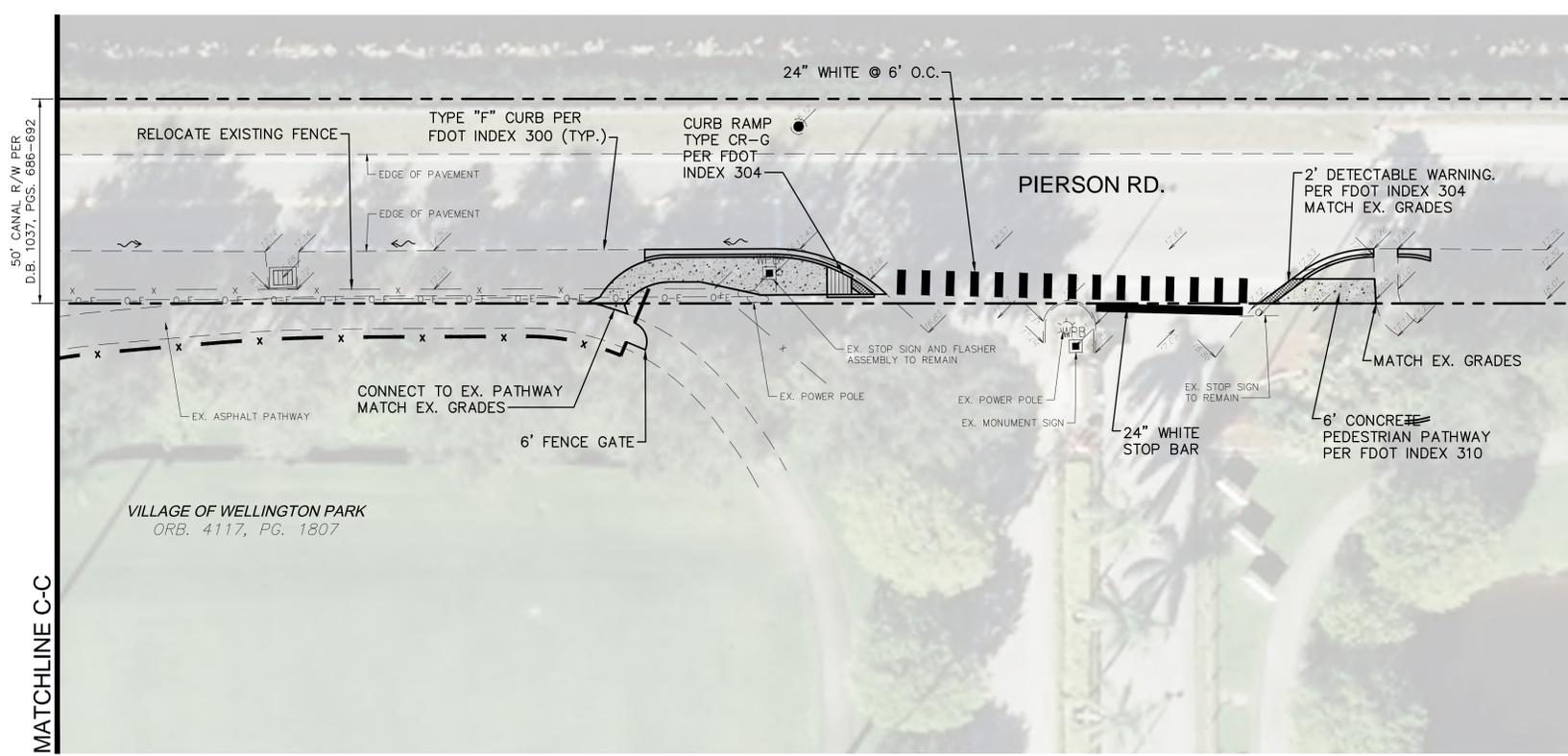
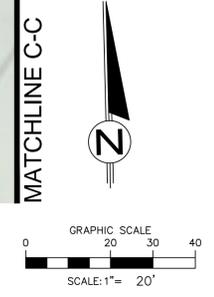
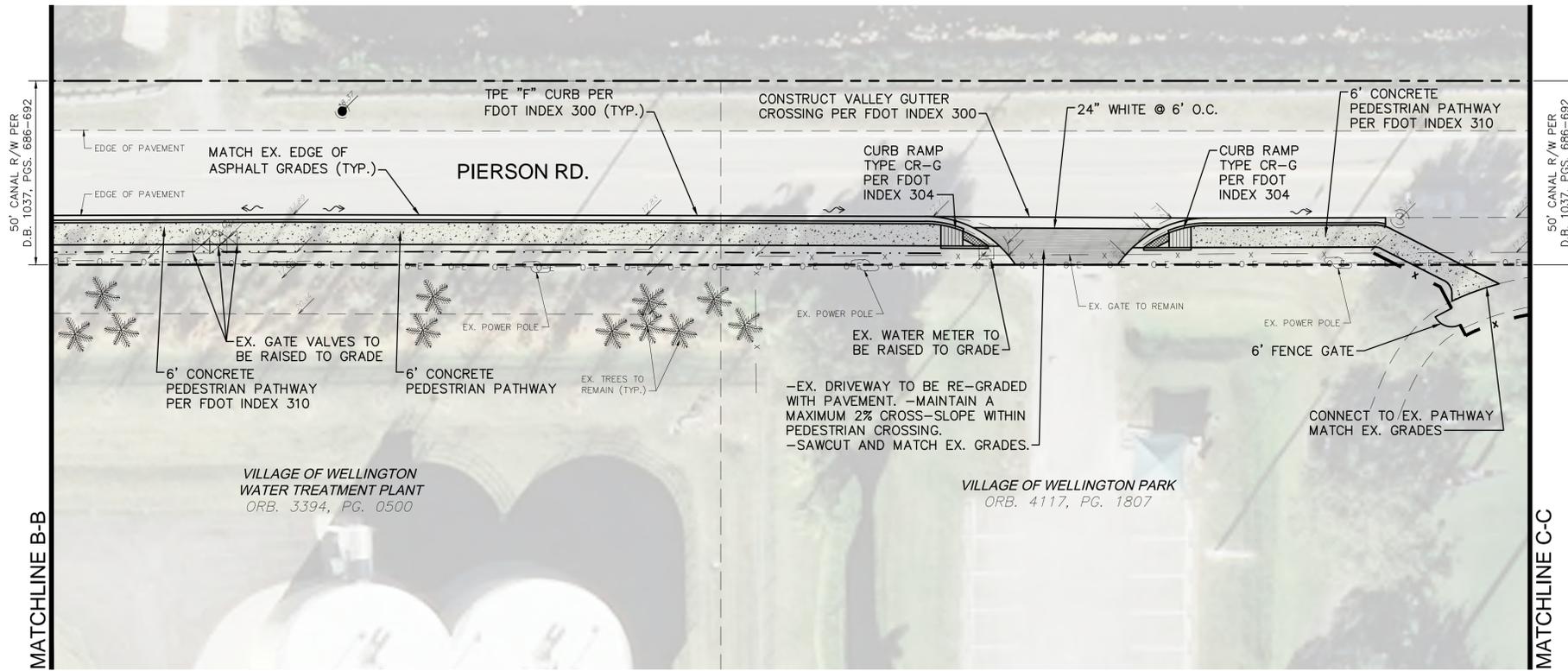
DATE	DRAWN	PROJECT ENGINEER	PROJECT MANAGER	CHECKED
10/2014	JRR	JRR	JRR	WJR

C.2

JOB NO.
#T.B.D.

ISSUED FOR BIDDING
12/22/2014

W:\DEPARTMENTS\ENGINEERING\CAD\PROJECTS\PIERSON ROAD SIDEWALK IMPROVEMENTS\CURRENT\PR-ALLDWG



NO.	DATE	REVISIONS	BY

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**PAVING, GRADING AND DRAINAGE PLAN
 FOR
 PIERSON ROAD SIDEWALK IMPROVEMENTS**



DATE	10/2014
DRAWN	JRR
PROJECT ENGINEER	JRR
PROJECT MANAGER	JRR
CHECKED	WJR

C.3

JOB NO.
#T.B.D.

ISSUED FOR BIDDING
 12/22/2014