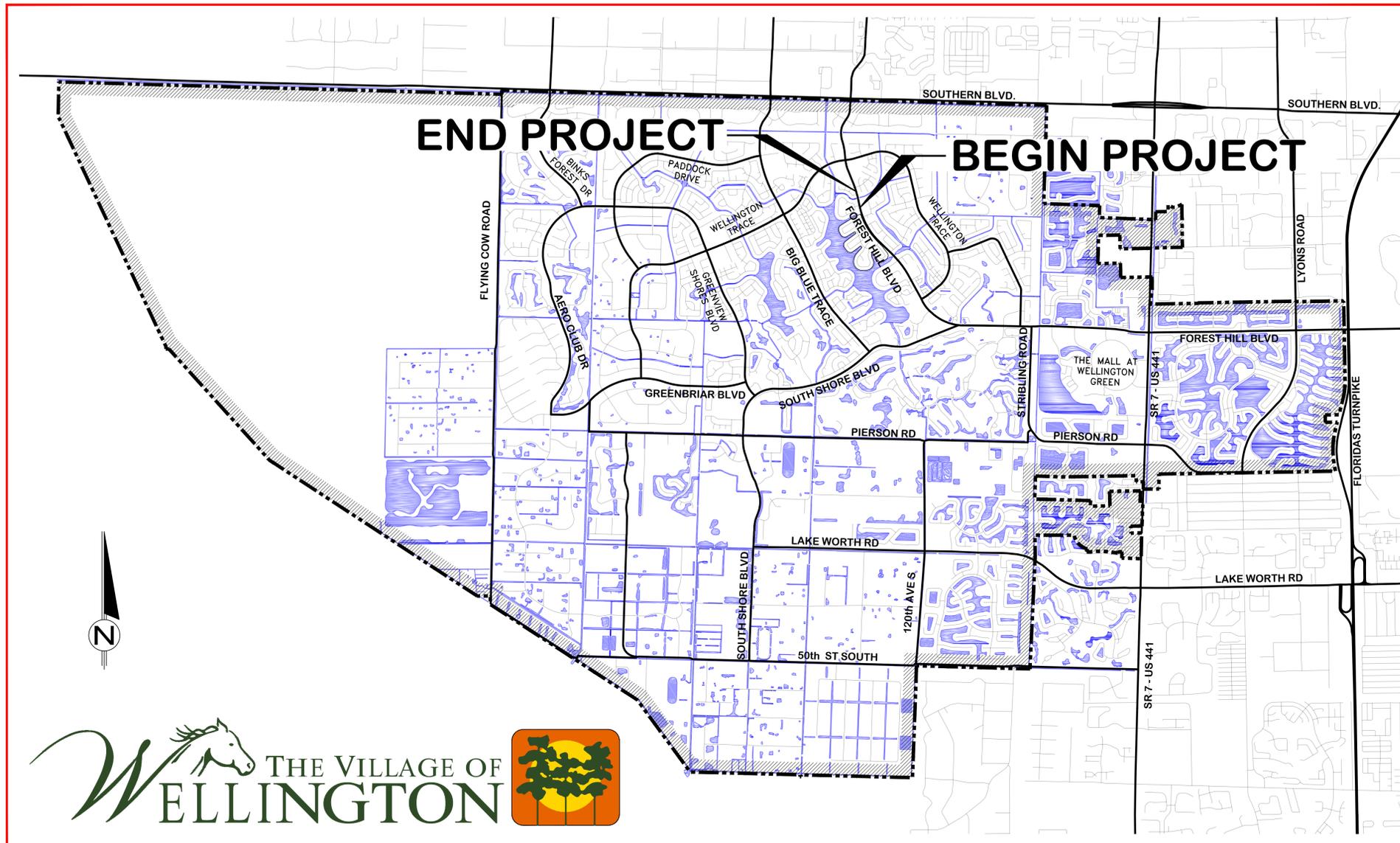


ROADWAY IMPROVEMENT PLANS FOR FOREST HILL BLVD. (C-13 CANAL CULVERT & APPROACH)

VILLAGE COUNCIL
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VILLAGE MAP
1:3,000 SCALE



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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.

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PATRICK F. BARTHELEMY
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BID PLANS 04 / 20 / 2016		SHEET NO.	COVER
START DATE	03/2016		
DRAWN	J.R.R.	JOB NO. 014-16/DZ	
PROJECT ENGINEER	P.F.B.		
PROJECT MANAGER	P.F.B.		
CHECKED	W.J.R.		

I. GENERAL NOTES

- A. THESE GENERAL NOTES APPLY TO ALL WORK IN THIS SET OF DRAWINGS.
- B. WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, AND FDOT DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS, LATEST EDITION. ALL FDOT INDEXES ARE INCORPORATED AS PLAN REFERENCES HEREIN. CONTRACTOR IS RESPONSIBLE FOR OBTAINING COMPLETE COPIES OF THE LATEST EDITION OF FDOT INDEXES.
- C. PRIOR TO COMMENCEMENT OF ANY EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH FLORIDA STATUTE 356.105 FOR PROTECTION OF UNDERGROUND GAS PIPELINES.
- D. NO CONSTRUCTION SHALL BE COMMENCED UNTIL ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN SECURED AND THE CONTRACTOR IS ISSUED A NOTICE TO PROCEED. CONTRACTOR SHALL ABIDE BY ALL PERMIT CONDITIONS.
- E. ALL STATIONS AND OFFSETS REFER TO CENTERLINE OF CONSTRUCTION. ALL STATIONS, OFFSETS, AND RADII ARE FROM THE EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN ON THE PLANS.
- F. THE CONTRACTOR SHALL MAINTAIN SAFE VEHICULAR ACCESS TO ALL ADJACENT PROPERTY AT ALL TIMES AND SHALL MAINTAIN ACCOMMODATIONS FOR INTERSECTING AND CROSSING TRAFFIC. NO ROAD OR STREET CROSSING SHALL BE BLOCKED OR UNDULY RESTRICTED AS DETERMINED BY THE ENGINEER.
- G. THE CONTRACTOR SHALL PROVIDE SAFE PEDESTRIAN ACCESS AND PROTECTION ADJACENT TO CONSTRUCTION THROUGHOUT THE PROJECT.
- H. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE EXISTING LEVEL OF ILLUMINATION THROUGHOUT THE PROJECT LIMITS DURING CONSTRUCTION.
- I. ALL LANES OF FOREST HILL BOULEVARD MUST BE OPEN TO TRAFFIC DURING AN EVACUATION NOTICE OF HURRICANE OR OTHER CATASTROPHIC EVENT AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVENT AND UNTIL NOTIFIED OTHERWISE BY THE ENGINEER.
- J. NO EXISTING MATERIAL SHALL BE USED IN NEW CONSTRUCTION UNLESS APPROVED DURING THE SHOP DRAWINGS APPROVAL PROCESS.
- K. CONTRACTOR SHALL UTILIZE CONSTRUCTION METHODS AND DEVICES AS INDICATED IN FDOT STANDARD INDEXES 100, 101, 102, 103, 104, AND 105 WHERE NECESSARY IN ORDER TO COMPLY WITH ALL STATE AND LOCAL WATER QUALITY STANDARDS.
- L. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING INLETS CLEAN OF PAVING MATERIAL, SILT, LIMEROCK, AND DEBRIS DURING THE CONSTRUCTION AT NO ADDITIONAL COST.
- M. ALL MILLED MATERIAL SHALL BE REMOVED AND DISPOSED OF PROPERLY AT THE END OF EACH DAILY MILLING OPERATION.
- N. INSTALLATION OF CONDUITS IN THE ROADWAY AREA SHALL BE COMPLETED PRIOR TO MILLING & RESURFACING OPERATIONS.
- O. ALL AREAS DESIGNATED FOR PAVEMENT REMOVAL SHALL BE SAW-CUT AT THE LIMITS OF REMOVAL WHERE EXISTING PAVEMENT IS TO REMAIN. ALSO, ALL AREAS DESIGNATED AS THE LIMITS OF MILLING & RESURFACING SHALL BE SAW-CUT WHERE EXISTING PAVEMENT IS TO REMAIN.
- P. CROSS SLOPES SHALL MATCH EXISTING ADJACENT PAVEMENT UNLESS OTHERWISE SHOWN IN THE PLANS.
- Q. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED. ALL DRAINAGE STRUCTURES (EXISTING/PROPOSED) SHALL BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION OPERATIONS ACCORDING TO DEP FLORIDA STORMWATER, EROSION, AND SEDIMENTATION CONTROL.
- R. CONTRACTOR IS ADVISED THAT THE U.S. ENVIRONMENTAL PROTECTION AGENCY REQUIRES THAT ALL OPERATORS FILE A NOTICE OF INTENT (NOI) FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER THE NPDES GENERAL PERMIT PRIOR TO BEGINNING WORK. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO OBTAIN THE SAME. A COPY SHALL BE SENT TO THE ENGINEER OF RECORD AND THE OWNER. THE CONTRACTOR IS RESPONSIBLE FOR ADHERING TO ANY DEWATERING PERMIT LIMITATIONS.
- S. THE CONTRACTOR SHALL PROTECT ADJACENT WATER BODIES, WETLANDS AND PROPERTIES FROM SEDIMENTATION OR OTHER POTENTIAL CONSTRUCTION RELATED CAUSES.
- T. CONTRACTOR SHALL BE EXTREMELY CAUTIOUS WHEN WORKING NEAR TREES WHICH ARE TO BE SAVED, WHETHER SHOWN ON PLANS OR DESIGNATED IN THE FIELD.
- U. CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHILE REMOVING AND/OR RELOCATING EXISTING SIGNS IN ORDER TO PREVENT ANY UNNECESSARY DAMAGE TO THE SIGNS. SIGNS WHICH ARE DAMAGED, AS DETERMINED BY THE ENGINEER, SHALL BE REPLACED BY THE CONTRACTOR AT THEIR EXPENSE.
- V. PROPOSED SIDEWALK IS TO CONNECT TO EXISTING SIDEWALK WHERE APPLICABLE.
- W. ALL INSPECTIONS WILL BE MADE BY THE RESPECTIVE GOVERNING AGENCY.
- X. ALL RECOMMENDATIONS AND REQUIREMENTS OF THE INSPECTION PERSONNEL OTHER THAN THE OWNER'S SHALL BE REPORTED TO THE ENGINEER PRIOR TO IMPLEMENTATION. COMPENSATION WILL NOT BE ALLOWED FOR WORK WHICH IS NOT AUTHORIZED BY THE ENGINEER OR OWNER.
- Y. ALL WORK SHALL BE OPEN AND SUBJECT TO INSPECTION BY AUTHORIZED PERSONNEL OF THE COUNTY, OWNER, INVOLVED UTILITY COMPANIES, PROJECT ENGINEER, AND REGULATORY AGENCIES.
- Z. ANY DIFFERING SITE CONDITIONS FROM THAT WHICH IS REPRESENTED HEREON, WHETHER ABOVE, ON OR BELOW THE SURFACE OF THE GROUND, SHOULD BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER AND THE VILLAGE OF WELLINGTON IN WRITING. NO CLAIM FOR EXPENSES INCURRED BY THE CONTRACTOR DUE TO DIFFERING SITE CONDITIONS WILL BE ALLOWED IF THE CONTRACTOR FAILS TO PROVIDE THE REQUIRED WRITTEN NOTIFICATION OF SUCH CONDITIONS FOR REVIEW BY THE ENGINEER AND THE VILLAGE OF WELLINGTON.
- AA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING THE EXISTING PAVEMENT MARKINGS BEFORE ANY WORK IS STARTED AND THIS INFORMATION SHALL BE USED IN CONJUNCTION WITH TEMPORARY STRIPING AND FINISHED STRIPING.
- AB. ALL EXISTING IRRIGATION SYSTEM COMPONENTS WITHIN THE PROJECT LIMITS ARE TO BE REPLACED UNLESS OTHERWISE SPECIFIED. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO EXISTING IRRIGATION COMPONENTS CURRENTLY IN OPERATION.

- AC. ALL EXISTING VILLAGE OF WELLINGTON SIGNS WITHIN THE LIMITS OF CONSTRUCTION WHICH ARE TO BE RELOCATED OR REMOVED SHALL BE REMOVED BY THE CONTRACTOR AND STOCKPILED WITHIN THE R/W FOR REMOVAL OR RELOCATION BY THE VILLAGE OF WELLINGTON.
- AD. ALL VEGETATION, DEBRIS, CONCRETE OR OTHER UNSUITABLE MATERIAL SHALL BE DISPOSED LEGALLY OFF SITE BY THE CONTRACTOR AT THEIR EXPENSE.
- AE. CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING PROPER MAINTENANCE OF TRAFFIC AND CONTROL PLANS. IN ACCORDANCE WITH REGULATORY STANDARDS AND CURRENT FLORIDA DEPARTMENT OF TRANSPORTATION STANDARDS (FDOT INDEX 600 SERIES) AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, REVISIONS 1 AND 2.
- AF. THE CONTRACTOR SHALL PREPARE AND SUBMIT A MAINTENANCE OF TRAFFIC PLAN FOR APPROVAL TO ALL APPLICABLE REGULATORY AGENCIES. THE MOT PLAN MUST BE APPROVED BY ALL APPLICABLE REGULATORY AGENCIES, INCLUDING THE VILLAGE OF WELLINGTON, PRIOR TO START OF CONSTRUCTION.
- AG. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY MATERIAL TESTING TO ASSURE THAT THE PROPER COMPACTION HAS BEEN ACHIEVED ON THE SUBGRADE, BASE MATERIAL, PIPE BASE MATERIAL AND ALL OTHER PERTINENT AREAS THAT HAVE BEEN COMPLETED. THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING THE TESTS AND COORDINATING WITH THE VILLAGE OF WELLINGTON. THE CONTRACTOR SHALL BEAR ALL COSTS ASSOCIATED WITH TESTING OF THE AREAS AND SHALL PROVIDE THE OWNER AND THE ENGINEER COPIES OF ALL TEST RESULTS. ALL REPORTS ARE TO BE SIGNED AND SEALED BY A REGISTERED GEOTECHNICAL ENGINEER IN THE STATE OF FLORIDA.
- AH. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR VERIFYING ALL QUANTITIES, TAKE-OFF MEASUREMENTS, MATERIALS, ETC. DURING THE BID PROCESS. WHEN DISCREPANCIES OCCUR, THE PHYSICAL PLAN TAKES PRECEDENCE. THE ENGINEER, VILLAGE OF WELLINGTON, OR PROJECT MANAGER ARE NOT TO BE HELD RESPONSIBLE FOR DISCREPANCIES TO THE SPECIFICATIONS OR PLANS. QUANTITIES PROVIDED ARE PROVIDED FOR REFERENCE ONLY; IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL QUANTITIES PRIOR TO BID SUBMITTAL.
- AI. SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT PORTIONS OF SOME DRAINAGE STRUCTURES MAY EXTEND INTO THE STABILIZED PORTION OF THE ROAD BED AND EXTREME CAUTION WILL BE NECESSARY DURING STABILIZATION OPERATIONS AT THESE LOCATIONS.
- AJ. THE CONTRACTOR IS TO USE EXTREME CAUTION WHEN WORKING IN OR AROUND AREAS OF EXISTING LOOP AND LEAD-IN WIRES, TRANSMISSION LINES, UNDERGROUND UTILITIES, AND OVERHEAD UTILITIES.
- AK. ALL TRENCHING OR EXCAVATION WITHIN THE PAVEMENT AREA SHALL BE PERFORMED PRIOR TO MILLING AND RESURFACING.
- AL. EXISTING CONCRETE SIDEWALK WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
- AM. DURING CONSTRUCTION, THE PROJECT SITE AND ALL ADJACENT AREAS SHALL BE MAINTAINED IN A NEAT AND CLEAN MANNER. UPON FINAL CLEAN UP, THE PROJECT SITE SHALL BE LEFT CLEAR OF ALL SURPLUS MATERIAL OR TRASH. THE PAVED AREAS SHALL BE SWEEPED BROOM CLEAN.

II. UTILITIES

- A. THE LOCATION OF THE UTILITIES SHOWN IN THE PLANS ARE ONLY APPROXIMATE. THE EXISTING UTILITIES SHOWN IN THE PLANS WERE PLOTTED FROM THE BEST AVAILABLE INFORMATION. HOWEVER, NO ASSURANCES ARE MADE AS TO THEIR ACCURACY AND THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES IN THE AREA OF WORK BEFORE BEGINNING CONSTRUCTION.
- B. UPON RECEIPT OF NOTICE OF AWARD, THE CONTRACTOR SHALL ARRANGE A PRE CONSTRUCTION CONFERENCE TO INCLUDE ALL INVOLVED GOVERNMENTAL AGENCIES, ALL AFFECTED UTILITY OWNERS, AND THE VILLAGE OF WELLINGTON.
- C. TWO (2) WORKING DAYS PRIOR TO DIGGING, THE CONTRACTOR SHALL CALL SUNSHINE STATE ONE CALL OF FLORIDA AND THE UTILITY OWNER AND REQUEST UTILITY LOCATIONS. A CONTRACTOR'S REPRESENTATIVE MUST BE PRESENT WHEN UTILITY COMPANIES LOCATE THEIR FACILITIES.
- D. UTILITY COMPANIES:
 - COREY ROBINSON,
VILLAGE OF WELLINGTON UTILITIES
(561)753-2464
 - SUPERINTENDENT
PALM BEACH COUNTY TRAFFIC COMMUNICATION
(561)533-3900
 - JEANNINE MCENROE
COMCAST - PALM BEACH COUNTY
(561)881-3255
 - VINCE KREPPS
FLORIDA PUBLIC UTILITIES COMPANY
(561)684-4030
 - SHAMALINI WAEEN
FLORIDA POWER AND LIGHT COMPANY
(561)575-6346
 - JOHNNY REGIS
AT&T
(561)357-6616
- E. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO TAKE THE NECESSARY PRECAUTIONS TO ENSURE PROPER SAFETY AND WORKMANSHIP WHEN WORKING IN THE VICINITY OF EXISTING UNDERGROUND AND OVERHEAD UTILITY LINES.
- F. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE SIZE, LOCATION, ELEVATION, AND MATERIAL OF ALL EXISTING UTILITIES WITHIN THE AREA OF CONSTRUCTION.
- G. EXISTING UTILITY LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF EXISTING UTILITIES SHOWN OR FOR ANY EXISTING UTILITIES NOT SHOWN.
- H. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IF "OTHER" UTILITIES (NOT SHOWN IN THE PLANS) EXIST WITHIN THE AREA OF CONSTRUCTION. SHOULD THERE BE UTILITY CONFLICTS, THE CONTRACTOR SHALL INFORM THE ENGINEER AND NOTIFY THE RESPECTIVE UTILITY OWNERS TO RESOLVE

UTILITY CONFLICTS AND UTILITY ADJUSTMENTS, AS REQUIRED. SEE SPECIAL PROVISIONS.

- I. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY EXISTING UTILITIES FOR WHICH IT FAILS TO REQUEST LOCATIONS FROM THE UTILITY OWNER. THE CONTRACTOR IS RESPONSIBLE AS WELL FOR DAMAGE TO ANY EXISTING UTILITIES WHICH ARE PROPERLY LOCATED.
- J. IF UPON EXCAVATION, AN EXISTING UTILITY IS FOUND TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION OR TO BE OF A SIZE OR MATERIAL DIFFERENT FROM THAT SHOWN ON THE PLANS; THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.
- K. THE LOCATIONS OF EXISTING UTILITIES AND STORM DRAINAGE SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. ENGINEER ASSUMES NO RESPONSIBILITY FOR INACCURACY. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE ARRANGEMENTS FOR THE FIELD LOCATIONS AND FOR ANY RELOCATION OF THE VARIOUS EXISTING UTILITIES WITH THE UTILITY OWNERS, WHICH SHALL BE DONE IN A TIMELY MANNER TO MINIMIZE IMPACT ON CONSTRUCTION SCHEDULE. ANY DELAY CAUSED BY THE CONTRACTOR BY THE RELOCATION OF UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED.

III. SHOP DRAWINGS

- A. PRIOR TO THEIR CONSTRUCTION OR INSTALLATION, SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE ENGINEER OF RECORD (VILLAGE OF WELLINGTON).
- B. PRIOR TO SUBMITTING SHOP DRAWINGS TO THE ENGINEER, THE CONTRACTOR SHALL REVIEW AND APPROVE THE DRAWINGS, AND SHALL NOTE IN RED ANY DEVIATIONS FROM THE PLANS OR SPECIFICATIONS.
- C. THE CONTRACTOR SHALL CONFIRM COMPATIBILITY OF PIPE SLOPES AND INVERTS DURING SHOP DRAWING AND MATERIALS ORDERING PHASE OF THE PROJECT AND ADVISE THE ENGINEER OF ANY DISCREPANCIES.

INDIVIDUAL SHOP DRAWINGS FOR ALL PRECAST STRUCTURES ARE REQUIRED. CATALOGUE LITERATURE WILL NOT BE ACCEPTED FOR PRECAST STRUCTURES.

IV. CONSTRUCTION SAFETY

ALL CONSTRUCTION SHALL BE DONE IN A SAFE MANNER, SPECIFICALLY, THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL BE STRICTLY OBSERVED.

V. TRENCH SAFETY ACT

- A. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLIANCE WITH THE STATE OF FLORIDA TRENCH SAFETY ACT.
- B. WHERE EXCAVATIONS TO A DEPTH IN EXCESS OF FIVE FEET (5') ARE REQUIRED, CONTRACTOR SHALL INCLUDE THE FOLLOWING INFORMATION IN THE BID:
 1. A REFERENCE TO THE TRENCH SAFETY STANDARDS THAT WILL BE IN EFFECT DURING THE PERIOD OF CONSTRUCTION OF THE PROJECT.
 2. WRITTEN ASSURANCES BY THE CONTRACTOR PERFORMING THE TRENCH EXCAVATION THAT SUCH CONTRACTOR WILL COMPLY WITH THE APPLICABLE TRENCH SAFETY STANDARDS.

VI. TEMPORARY FACILITIES

- A. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE OR SUPPLY TEMPORARY WATER SERVICE, SANITARY FACILITIES AND ELECTRICITY TO ITS EMPLOYEES AND SUBCONTRACTORS FOR THEIR USE DURING CONSTRUCTION.
- B. MAINTENANCE OF TRAFFIC IN THE PUBLIC RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE MUTCD, FDOT AND PALM BEACH COUNTY. SIDE STREET CLOSING ARE NOT ALLOWED WITHOUT THE PERMISSION FROM THE VILLAGE OF WELLINGTON. LANE CLOSURES ARE NOT ALLOWED WITHOUT THE PERMISSION FROM THE VILLAGE OF WELLINGTON.
- C. ALL OPEN TRENCHES AND HOLES ADJACENT TO ROADWAYS OR WALKWAYS SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.
- D. NO TRENCHES OR HOLES NEAR WALKWAYS OR IN ROADWAYS OR THEIR SHOULDERS ARE TO BE LEFT OPEN DURING NIGHTTIME HOURS.

NO.	DATE	REVISIONS	REMARKS	BY

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PATRICK F. ANDERSON
REGISTERED PROFESSIONAL ENGINEER
FLORIDA LICENSE NO. 72565

GENERAL NOTES FOR FOREST HILL BLVD. FROM STA: 1053+92 - 1061+95



THE VILLAGE OF WELLINGTON
Engineering Department
12300 Forest Hill Boulevard, Wellington, Florida 33414

DATE	03/2016
START DATE	JRR
PROJECT ENGINEER	PFB
PROJECT MANAGER	PFB
CHECKED	WJR
JOB NO.	8

BID PLANS

VIII. PROJECT CLOSEOUT

- A. DURING CONSTRUCTION, THE PROJECT SITE AND ALL ADJACENT AREAS SHALL BE MAINTAINED IN A NEAT AND CLEAN MANNER. UPON FINAL CLEAN UP, THE PROJECT SITE SHALL BE LEFT CLEAR OF ALL SURPLUS MATERIAL OR TRASH. THE PAVED AREAS SHALL BE SWEEP BROOM CLEAN.
- B. THE CONTRACTOR SHALL RESTORE OR REPLACE, WHEN AND AS DIRECTED BY THE ENGINEER OR THE VILLAGE OF WELLINGTON, ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY ITS WORK, EQUIPMENT, EMPLOYEES OR THOSE OF ITS SUBCONTRACTORS TO A CONDITION AT LEAST EQUAL TO THAT EXISTING IMMEDIATELY PRIOR TO THE BEGINNING OF OPERATIONS. TO THIS END, THE CONTRACTOR SHALL DO ALL NECESSARY HIGHWAY OR DRIVEWAY, WALK AND LANDSCAPING WORK. SUITABLE MATERIALS AND METHODS SHALL BE USED FOR SUCH RESTORATION.
- C. WHERE MATERIAL OR DEBRIS HAS WASHED OR FLOWED INTO OR BEEN PLACED IN WATER COURSES, DITCHES, DRAINS, CATCH BASINS, OR ELSEWHERE AS A RESULT OF THE CONTRACTOR'S OPERATIONS, SUCH MATERIAL OR DEBRIS SHALL BE REMOVED AND SATISFACTORILY DISPOSED OF DURING PROGRESS OF THE WORK, AND THE AREA KEPT IN A CLEAN AND NEAT CONDITION.
- D. THE CONTRACTOR SHALL MAINTAIN ACCURATE AND COMPLETE RECORDS OF WORK ITEMS COMPLETED.
- E. ALL "AS-BUILT" INFORMATION SUBMITTED TO THE ENGINEER SHALL BE SUFFICIENTLY ACCURATE, CLEAR AND LEGIBLE TO SATISFY THE ENGINEER THAT THE INFORMATION PROVIDES A TRUE REPRESENTATION OF THE IMPROVEMENTS CONSTRUCTED.
- F. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER COMPLETE SETS OF "AS-BUILT" CONSTRUCTION DRAWINGS AS REQUIRED FOR SUBMITTAL AND APPROVAL. THESE DRAWINGS SHALL BE MARKED TO SHOW "AS-BUILT" CONSTRUCTION CHANGES AND DIMENSIONED LOCATIONS AND ELEVATIONS OF ALL IMPROVEMENTS AND SHALL BE SIGNED AND SEALED BY A FLORIDA REGISTERED LAND SURVEYOR.
- G. ALL REQUIRED DENSITY AND LBR TEST RESULTS FOR SUB-GRADE MEETING SPECIFICATIONS SHALL BE PROVIDED TO THE ENGINEER PRIOR TO PLACING LIMEROCK BASE MATERIAL.
- H. ALL REQUIRED DENSITY AND LBR TEST RESULTS FOR LIMEROCK MEETING SPECIFICATIONS SHALL BE PROVIDED TO THE ENGINEER PRIOR TO PLACING ASPHALT.

IX. REQUIRED AS-BUILT INFORMATION

THE FOLLOWING IS THE REQUIRED AS-BUILT INFORMATION NECESSARY TO CERTIFY THE PROJECT:

- A. ALL AS-BUILT INFORMATION SUBMITTED TO THE ENGINEER SHALL BE SUFFICIENTLY ACCURATE, CLEAR, AND LEGIBLE TO SATISFY THE ENGINEER THAT THE INFORMATION PROVIDES A TRUE REPRESENTATION OF THE IMPROVEMENTS CONSTRUCTED.
- B. PAVING AND DRAINAGE:
 1. SIZE, MATERIAL, AND INVERT ELEVATIONS OF ALL PIPES/SLEEVES.
- C. ROADWAY ELEVATIONS, CROWN, EDGE OF PAVEMENT, TOP OF CURB, AND BOTTOM OF SWALE AT 50-FOOT INTERVALS; AND AT THE HIGH AND LOW POINTS OF THE ROAD AND AT EACH PROPOSED GRADE.
- D. DRAINAGE SWALES SHALL HAVE FLOWLINE ELEVATIONS SHOWN AT 50-FOOT INTERVALS OR FRACTION THEREOF.
- E. CONTRACTOR TO MAKE EVERY EFFORT TO CONSTRUCT IMPROVEMENTS AS CLOSE AS POSSIBLE TO ELEVATIONS IN CONSTRUCTION DOCUMENTS. A TOLERANCE OF 0.1' FOR ELEVATIONS OF THE SWALE IMPROVEMENTS IS ACCEPTABLE. ANY DEVIATIONS GREATER THAN 0.1' WILL NOT BE APPROVED AND IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR, AT NO ADDITIONAL COST TO THE VILLAGE OF WELLINGTON, TO RESTORE TO AN ACCEPTABLE CONDITION.
- F. CHANGES MADE BY CHANGE ORDER OR CONSTRUCTION CHANGE DIRECTIVE.
- G. CHANGES MADE FOLLOWING ENGINEER'S WRITTEN ORDERS.
- H. DETAILS NOT ON THE ORIGINAL CONTRACT DRAWINGS.
- I. FIELD RECORDS FOR VARIABLE AND CONCEALED CONDITIONS.
- J. RECORD DRAWINGS SHALL INDICATE "AS-BUILT" DATA FOR EVERY ELEVATION SHOWN ON THE PLANS.
- K. IF A NEW BENCHMARK LOCATION IS ESTABLISHED, CONTRACTOR SHALL PROVIDE A BENCH LOOP CLOSURE TO THE CLOSEST EXISTING BENCHMARKS IN BOTH DIRECTIONS. ALL BENCHMARK DATA SHALL BE SUBMITTED BY A REGISTERED LAND SURVEYOR.
- L. IDENTIFICATION OF ADDENDUM ITEMS ISSUED DURING BIDDING PERIOD.
- M. TWO (2) SETS OF PRELIMINARY AS-BUILTS MUST BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW. RED-LINED AS-BUILTS MUST BE RETURNED TO THE ENGINEER OF RECORD UPON ANY RESUBMITTAL.
- N. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL AS-BUILT DATA FOR UTILITIES AND SLEEVING IS COLLECTED PRIOR TO PAVEMENT SECTION CONSTRUCTION. PRELIMINARY UTILITY AS-BUILTS MUST BE PROVIDED TO THE ENGINEER FOR REVIEW PRIOR TO PAVEMENT SECTION CONSTRUCTION.
- O. THE FOLLOWING IS REQUIRED FOR FINAL AS-BUILT SUBMITTAL
 1. ALL REQUIREMENTS SPECIFIED IN PROJECT SPECIFICATIONS
 2. TWO (2) HARD COPIES (24" X 36") TO THE VILLAGE OF WELLINGTON WITH AN ELECTRONIC COPY IN AUTOCAD AND PDF FORMATS.
 3. ALL COPIES PROVIDED ARE TO BE SIGNED AND SEALED BY A FLORIDA REGISTERED LAND SURVEYOR.
 4. THE RECORD DRAWINGS SHALL BE LABELED "RECORD DRAWINGS" WITH DATE.
- P. WHERE RECORD PRODUCT DATA IS REQUIRED AS PART OF OPERATION AND

MAINTENANCE MANUALS, SUBMIT MARKED-UP PRODUCT DATA AS AN INSERT IN MANUAL INSTEAD OF SUBMITTAL AS RECORD PRODUCT DATA.

X. EROSION CONTROL NOTES

- A. THE CONTRACTOR IS RESPONSIBLE FOR PREPARING THE POLLUTION PREVENTION PLAN. THE PLAN SHALL DEMONSTRATE THE MECHANISMS AND PRACTICES THAT WILL BE EMPLOYED TO PROTECT THE CONSTRUCTION SITE AND SURROUNDING AREA DURING CONSTRUCTION. THE PLAN SHALL BE CONSISTENT WITH FEDERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS PERTAINING TO POLLUTION PREVENTION PLANS. THE PLAN SHALL INCLUDE, BUT NOT BE LIMITED TO, THE LOCATIONS OF SILT BARRIERS, TURBIDITY SCREENS OR TEMPORARY SHEETING, EMERGENCY RESPONSE PRACTICES, AND OTHER METHODS TO PREVENT POLLUTION. REFUELING OR STORAGE OF VEHICLES OR EQUIPMENT THAT UTILIZE PETROLEUM BASED PRODUCTS SHALL BE PROHIBITED ANYWHERE WITHIN 50 FEET OF A WATER'S EDGE. THE PLAN SHALL BE FILED WITH ALL APPLICABLE REGULATORY AGENCIES BY THE CONTRACTOR. REFER TO FURTHER NOTES AND DETAILS WITHIN THESE DOCUMENTS. EROSION CONTROL SHALL COMPLY WITH FDOT STANDARD INDEX 100 SERIES AND DEP NPDES PERMIT. EROSION CONTROL WILL BE FIELD ADJUSTED AS NECESSARY TO FIT EXISTING CONDITIONS AND PERFORMANCE.
- B. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT A CONSTRUCTION SCHEDULE WITH PERIODIC UPDATES DEPICTING EACH PHASE OF THE WORK. THE CONTRACTOR SHALL ALSO BE REQUIRED TO SUBMIT AN EROSION AND SEDIMENT CONTROL PLAN ENCOMPASSING THE PRINCIPLES AND THE REQUIREMENTS DESCRIBED HEREIN AND A SCHEDULE FOR THEIR IMPLEMENTATION AND MAINTENANCE FOR THE PROJECT DURATION.
- C. DURING CONSTRUCTION, THE CONTRACTOR SHALL TAKE ALL REASONABLE MEASURES TO ENSURE AGAINST POLLUTING, SILTATION OR DISTURBANCE TO SUCH AN EXTENT AS TO CAUSE AN INCREASE IN TURBIDITY TO THE EXISTING DRAINAGE SYSTEMS AND ADJACENT WATER BODIES AND WETLANDS, IN COMPLIANCE WITH ALL PERMIT REQUIREMENTS RELATED TO SUCH MEASURES.
- D. METHODS MAY INCLUDE CONSTRUCTION OF TEMPORARY CONTROL STRUCTURES SUCH AS SEDIMENT BASINS, SEDIMENT CHECKS, SILT BARRIERS, SILT SCREENS, TURBIDITY BARRIERS OR THE BEST MANAGEMENT PRACTICES AVAILABLE TO THE INDUSTRY.
- E. EROSION AND SEDIMENT CONTROL INSTALLATIONS SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL NEW VEGETATIVE GROWTH HAS BEEN ESTABLISHED.
- F. THROUGHOUT THE CONSTRUCTION PERIOD, THE CONTRACTOR SHALL INSPECT DAILY THE PROTECTIVE INSTALLATIONS FOR FAILURE OR SIGNS OF FAILURE OR MALFUNCTION AND EFFECT REPAIRS OR REPLACEMENT IMMEDIATELY UPON DISCOVERY. CONTRACTOR SHALL PREPARE INSPECTION REPORTS IN ACCORDANCE WITH NPDES PERMIT REQUIREMENTS AND SUBMIT WEEKLY TO THE VILLAGE OF WELLINGTON.
- G. INLETS AND CATCH BASINS, EXISTING ON-SITE AND OFF-SITE, SHALL BE PROTECTED FROM SEDIMENT STORM RUNOFF.
- H. THE CONTRACTOR SHALL PROMPTLY REMOVE ALL MUD, DIRT OR OTHER MATERIALS TRACKED OR SPILLED ONTO EXISTING PUBLIC ROADS AND FACILITIES DUE TO CONSTRUCTION.
- I. DEWATERING ACTIVITIES SHALL NOT RESULT IN ANY DISCHARGE OF TURBID WATER FROM THE PROJECT SITE.
- J. CONTRACTOR RESPONSIBLE FOR CLEANING EXISTING DRAINAGE STRUCTURES AND PIPE AT HIS COST AT THE COMPLETION OF THE PROJECT PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR AND ENGINEER TO INSPECT EXISTING DRAINAGE STRUCTURES.

XI. EARTHWORK

- A. PRIOR TO BID PREPARATION, THE CONTRACTOR MUST BECOME FAMILIAR WITH THE OVERALL SITE CONDITIONS AND PERFORM ADDITIONAL INVESTIGATIONS AS DETERMINED NECESSARY TO UNDERSTAND THE LIMIT AND DEPTH OF EXPECTED ORGANIC MATERIAL, ADEQUACY OF EXISTING MATERIALS AS FILL, DEWATERING REQUIREMENTS, CLEAN FILL REQUIRED FROM OFFSITE AND MATERIALS TO BE DISPOSED OF OFFSITE. ANY DELAY, INCONVENIENCE OR EXPENSE CAUSED TO THE CONTRACTOR DUE TO INADEQUATE INVESTIGATION OF EXISTING CONDITIONS SHALL BE INCIDENTAL TO THE CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED. THE MATERIALS ANTICIPATED TO BE ENCOUNTERED DURING CONSTRUCTION MAY REQUIRE DRYING PRIOR TO USE AS BACKFILL AND THE CONTRACTOR MAY HAVE TO IMPORT MATERIALS, AT NO EXTRA COST, FROM OFFSITE TO MEET THE REQUIREMENTS FOR COMPACTION AND PROPER FILL.
- B. AREAS INDICATED TO BE FILLED SHALL BE COMPLETELY CLEAR OF ALL TIMBER, BRUSH, STUMPS, ROOTS, GRASS, WEEDS, RUBBISH AND ALL OTHER DEBRIS AND OBSTRUCTIONS RESTING ON OR PROTRUDING THROUGH THE SURFACE OF THE GROUND. THIS DEBRIS SHALL BE DISPOSED OF IN A LEGAL MANNER.
- C. ALL EXCESS FILL FROM THE SITE SHALL BE STOCKPILED BY THE CONTRACTOR, IN A LOCATION DETERMINED BY THE OWNER OR THE OWNER'S REPRESENTATIVE AND THE ENGINEER.
- D. ALL ORGANIC AND OTHER UNSUITABLE MATERIAL IN AREAS TO BE FILLED SHALL BE REMOVED AND REPLACED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT RECOMMENDATIONS AND SOUND CONSTRUCTION PRACTICES. ORGANIC AND UNSUITABLE MATERIALS SHALL BE REMOVED FROM THE SITE AS DIRECTED BY OWNER.
- E. ELEVATIONS OF GRASS AREAS ARE GIVEN AT FINISHED SOD GRADE. GRADING OF THESE AREAS SHALL ACCOMMODATE SOD HEIGHT TO ACHIEVE PROPOSED FINISH GRADES.
- F. CONTRACTOR TO HAVE 3" TOPSOIL BASE UNDER ALL GRASS AREAS.

XII. PAVING, GRADING AND DRAINAGE NOTES

- A. ALL CURB RADII AND DIMENSIONING ARE TO EDGE OF PAVEMENT.
- B. CONTRACTOR ACCEPTS SITE AS IS. ANY REPAIRS TO THE EXISTING SITE ELEMENTS

INCLUDING PAVEMENT, SIDEWALKS, CURBING, DRAINAGE, SANITARY SEWER, WATER, SIGNING AND STRIPING SHALL BE INCLUDED IN THE BID PRICE.

- C. ALL UTILITIES SHALL BE ADJUSTED TO NEW FINISH GRADES AND PROPERLY SET TO PAVEMENT CROSS SLOPE AS REQUIRED.
- D. SWALE GRADING SHALL NOT BE STEEPER THAN 3H:1V NOR FLATTER THAN 20H:1V. ALL SWALES AND SLOPES SHALL BE SODDED AFTER GRADING.
- E. ALL EXPOSED ENDS OF CURB SHALL TRANSITION TO FINISHED GRADE.
- F. ALL CONCRETE CURBS, SIDEWALKS, INLET TOPS, ETC., SHALL BE 3,000 PSI CONCRETE, UNLESS OTHERWISE SPECIFIED.
- G. CONTRACTOR IS RESPONSIBLE FOR GRADING ALL PAVEMENT TO DRAIN POSITIVELY. INTERSECTIONS SHALL TRANSITION TO PROVIDE SMOOTH DRIVING SURFACE WHILE MAINTAINING POSITIVE DRAINAGE. SHOULD AREAS OF POOR DRAINAGE BE OBSERVED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO PLACEMENT OF CURBS OR PAVEMENT COURSES, SO THAT RECOMMENDATIONS FOR CORRECTIONS CAN BE MADE.
- H. PROPOSED AND EXISTING SIDEWALKS SHALL BE RAMPED FLUSH WITH PAVEMENT. RAMPS SHALL NOT EXCEED A 12 HORIZONTAL TO 1 VERTICAL SLOPE.
- I. SIDEWALK RAMPS SHALL BE CONSTRUCTED IN CONFORMANCE WITH FDOT STANDARDS EXCEPT WHERE LOCAL CODES DICTATE OTHERWISE OR IF INDICATED OTHERWISE ON THE PLANS. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND THE MUNICIPAL AUTHORITY FOR FORM BOARD AND PRE POUR INSPECTIONS PRIOR TO ANY SIDEWALK AND/OR RAMP CONCRETE INSTALLATION. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO INSURE THAT ALL RAMP TEXTURED SURFACES AND SIDEWALK LONGITUDINAL AND CROSS SLOPES ARE IN CONFORMANCE WITH LOCAL, STATE AND FEDERAL A.D.A. STANDARDS. STAMPED CONCRETE NOT PERMITTED FOR DETECTABLE WARNING SURFACE. REFER TO FDOT OPL FOR APPROVED PRODUCTS.
- J. ALL OFF-SITE DISTURBED AREAS SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION OR BETTER.
- K. ELEVATIONS GIVEN ADJACENT TO CURB OR FRONT OF SIDEWALK ARE CONSIDERED EDGE OF PAVEMENT GRADES.
- L. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF DEBRIS AND SILT WHERE TIE INS TO EXISTING DRAINAGE STRUCTURES OR SWALES ARE TO BE PERFORMED.
- M. THE SEQUENCE OF CONSTRUCTION SHALL BE SUCH THAT ALL UNDERGROUND INSTALLATIONS OF ANY KIND, INCLUDING IRRIGATION AND ELECTRICAL CONDUITS, THAT WILL REMAIN UNDER THE PROPOSED PAVEMENT OR WITHIN 10 FEET OF ITS EDGES SHALL BE INSTALLED PRIOR TO CONSTRUCTION OF THE BASE.
- N. SUBBASE SHALL BE FREE OF MUCK, STUMPS ROOTS, UNDERBRUSH, VEGETATIVE MATTER, GARBAGE, TRASH OR ANY UNSUITABLE MATERIAL THAT WILL NOT PROVIDE A SUITABLE STABLE, CLEAN SUBGRADE.
- O. ALL SUBBASE, BASE COURSE, PRIME COAT, TACK COAT, AND ASPHALT MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH FDOT STANDARDS SPECIFICATIONS (LATEST EDITION).
- P. BEFORE CONSTRUCTION OF ASPHALT SURFACE, A JOB MIX FORMULA SHALL BE SUBMITTED FOR APPROVAL TO THE ENGINEER.
- Q. REINFORCED CONCRETE PIPE SHALL BE PER ASTM C-76 CLASS III, UNLESS OTHERWISE SPECIFIED. INSTALLATION OF REINFORCED CONCRETE PIPE SHALL BE IN ACCORDANCE WITH FDOT SSRBC (LATEST EDITION).
- R. NONE OF THE EXISTING BASE MATERIAL THAT IS REMOVED IS TO BE USED IN CONSTRUCTION OF NEW ROADWAY BASE, HOWEVER, THE MATERIAL CAN BE USED IN THE STABILIZED SUBGRADE.
- S. INTERSECTING ROADS AND DRIVEWAYS ARE TO BE GRADED AS DIRECTED BY THE ENGINEER, UNLESS OTHERWISE NOTED. RECONSTRUCTION IS TO BE FULL DEPTH SECTION.
- T. WHERE OPEN-CUTS OF THE EXISTING ROADWAY ARE MADE IN ORDER TO INSTALL PIPELINES, CONDUITS, OR SLEEVES, REPAIR THE PAVEMENT IN ACCORDANCE WITH THE "OPEN-CUT PAVEMENT REPAIR DETAIL". MAINTAIN REPAIRED PAVEMENT UNTIL PERMANENT CONSTRUCTION TAKES PLACE OR FOR THE DURATION OF THE PROJECT.
- U. PAVING DENSITIES SHALL BE TAKEN FOR EACH LIFT, INCLUDING OVERBUILD SECTIONS. MINIMUM DENSITY SHALL BE 96%. FOR OVERBUILD SECTIONS, ONE CORE SHALL BE REQUIRED FOR EACH LIFT AND EACH AREA. FOR FRICTION COURSE & IMMEDIATE UNDERLYING STRUCTURE COURSE, 3 CORES SHALL BE REQUIRED FOR EACH. THE AVERAGE DENSITY SHALL BE 96% FOR THE 3 CORES. ASPHALT NOT MEETING THE MINIMUM DENSITY OF 96% SHALL BE REMOVED AND REPLACED.

XIII. SIGNING AND PAVEMENT MARKING

- A. EXISTING SALVAGEABLE SIGNS SHALL BE REMOVED FROM WITHIN THE CONSTRUCTION LIMITS AND TRANSPORTED AS DIRECTED BY THE VILLAGE OF WELLINGTON.
- B. CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHILE REMOVING AND/OR RELOCATING EXISTING SIGNS IN ORDER TO PREVENT ANY UNNECESSARY DAMAGE TO THE SIGNS. SIGNS WHICH ARE DAMAGED BEYOND USE, AS DETERMINED BY THE ENGINEER, SHALL BE REPLACED BY THE CONTRACTOR AT THEIR EXPENSE.
- C. ALL PAVEMENT MARKINGS WITHIN FDOT, CITY OR COUNTY RIGHT-OF-WAY SHALL BE THERMOPLASTIC.
- D. THERMOPLASTIC TRAFFIC MARKINGS SHALL CONFORM TO SECTION 711-2 OF THE FDOT SSRBC. ONLY ALKYD BASED MATERIALS SHALL BE USED. THERMOPLASTIC TRAFFIC MARKINGS SHALL BE APPLIED IN ACCORDANCE WITH SECTION 711 OF THE FDOT SSRBC AND THE MUTCD.
- E. ALL REFLECTIVE PAVEMENT MARKINGS SHALL BE INSTALLED IN CONFORMANCE WITH SECTION 706 OF THE FDOT SSRBC.
- F. ALL TRAFFIC SIGNS SHALL BE CONSTRUCTED OF HIGHLY REFLECTIVE MATERIAL AND BE "STANDARD" SIZE AS ESTABLISHED IN THE MUTCD.

- G. ALL PAVEMENT MARKINGS, REFLECTIVE PAVEMENT MARKERS AND GEOMETRICS SHALL BE IN ACCORDANCE WITH PALM BEACH COUNTY TYPICAL DRAWING NO. T-P-06-001, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE ROADWAY & TRAFFIC DESIGN STANDARDS. (FDOT)
- H. STOP BARS TO BE A MINIMUM OF 4 FEET CLEAR BEHIND CROSSWALKS.

XII. SURVEYORS NOTES

- A. THE SURVEY DEPICTED HEREON IS CLASSIFIED AS A TOPOGRAPHIC SURVEY AS DEFINED IN CHAPTER 5J-17.050(10)(k), FLORIDA ADMINISTRATIVE CODE.
- B. ENGENUITY GROUP, INC. AND THE CERTIFYING SURVEYOR ACCEPT NO RESPONSIBILITY FOR RIGHT-OF-WAYS, EASEMENTS RESTRICTIONS OR OTHER MATTERS AFFECTING TITLE TO THE LANDS SURVEYED OTHER THAN THOSE RECITED IN THE CURRENT DEED AND/OR OTHER INSTRUMENT OF RECORD FURNISHED BY THE CLIENT.
- C. UNDER GROUND UTILITIES WERE PAINTED IN THE FIELD BY THE VILLAGE OF WELLINGTON, AND LOCATED BY ENGENUITY GROUP, INC. AS OF 11/05/2015
- D. THIS SURVEY IS NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. OTHERWISE THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY.
- E. LAST DATE OF FIELD SURVEY: NOVEMBER 5, 2015.
- F. ALL DISTANCES SHOWN HEREON ARE IN U.S. FEET AND DECIMAL PARTS THEREOF UNLESS OTHERWISE NOTED.
- G. ADDITIONS OR DELETIONS TO THIS SURVEY MAP BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES AND RENDERS THIS SURVEY INVALID.
- H. ELEVATIONS SHOWN HEREON ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (N.G.V.D. 1929) AND REFERENCE THE FOLLOWING BENCHMARK:

SFWMO BENCHMARK PB1152A2005 ELEVATION =17.928 NGVD 1929 FROM INTERSECTION OF SOUTHERN BOULEVARD AND BIG BLUE TRACE (F ROAD) GO SOUTH ON BIG BLUE TRACE FOR 1.1 MILE TO MARK ON LEFT, 14.0 FEET WEST OF FACE OF WALK, 79.1 FEET NORTHWEST OF NORTHWEST CORNER OF TRANSFORMER PAD, 33.5 EAST OF CENTERLINE BIG BLUE TRACE, 11.55 FEET EAST OF TRANSITION POINT OF BACK OF CURB, SET MAGNET 1 FOOT NORTH OF CONCRETE MONUMENT.
- I. ACCURACY STATEMENT: A FIELD SURVEY WAS PERFORMED IN ACCORDANCE WITH CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE PURSUANT TO SECTION 472.027 FLORIDA STATE STATUTES FOR TOPOGRAPHIC SURVEYS. THE ACCURACY OF CONTROL DATA WAS VERIFIED BY REDUNDANT MEASUREMENTS OF TRAVERSE CLOSURES AND EXCEEDS RURAL: LINEAR: 1 FOOT IN 5,000 FEET.
- J. THIS MAP IS INTENDED TO BE DISPLAYED AT A SCALE OF 1/240 OR SMALLER.
- K. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.
- L. THE SYMBOLS ARE NOT AT THE SAME SCALE AS THE DRAWING IN ORDER TO SHOW GREATER DETAIL.

ABBREVIATION LEGEND		EXISTING SYMBOL LEGEND		PROPOSED FEATURES	
P.B.	PLAT BOOK	⊕	TEMPORARY BENCHMARK	▬	ASPHALT PAVEMENT
RCP	REINFORCED CONCRETE PIPE	⊙	STORM MANHOLE	0.00	FINISHED GRADE ELEVATION
PVC	POLYVINYL CHLORIDE PIPE	⊗	SANITARY MANHOLE	↖	TRAFFIC SIGN
TBM	TEMPORARY BENCHMARK	⊖	WOOD FENCE	→	DRAINAGE FLOW DIRECTION
		⊕	WATER METER	⊕	SLOPE
		—E-SWR—	UNDERGROUND SANITARY SEWER	⊕ TOP	DRAINAGE STRUCTURE NUMBER
		—DRN—	UNDERGROUND STORM LINE	⊕ TOE	DRAINAGE STRUCTURE AND STORM PIPE
		—B-P—	UNDERGROUND COMMUNICATION LINE	⊕	FLOATING TURBIDITY BARRIER
		—TV—	UNDERGROUND CATV LINE	⊕	SILT FENCE
		—OE—	OVERHEAD ELECTRIC		
		—U-E—	UNDERGROUND ELECTRIC		
		—GAS—	UNDERGROUND GAS		
		—E-W—	EXISTING WATER MAIN		
		⊕	CONCRETE UTILITY POLE		
		⊕	CATCH BASIN		
		⊕	SIGN		
		⊕	POINT/ELEVATION		
		⊕	LIGHT POLE		
		⊕	TREE & SIZE		
		⊕	PALM TREE & SIZE		
		⊕	OAK TREE & SIZE		
		⊕	IRON ROD AND CAP		
		⊕	NAIL		
		⊕	CONCRETE		
		⊕	WIRE PULL BOX		
		⊕	TURN ARROW		

BID PLANS

NO.	DATE	REMARKS	BY

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PATRICK F. FLORES
FLORIDA LICENSE
No. 72565

GENERAL NOTES
FOR
FOREST HILL BLVD.
FROM STA: 1053+92 - 1061+95

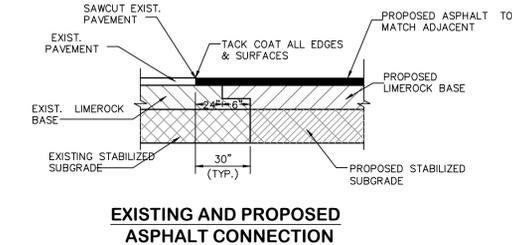
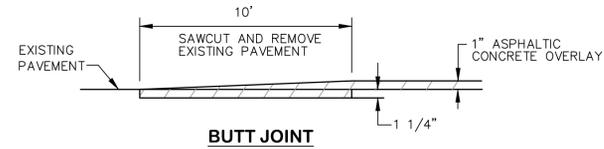


DATE	03/2016
START DATE	JRR
END DATE	PFB
PROJECT	PFB
ENGINEER	PFB
PROJECT MANAGER	WJR
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DRAWN	2
PROJECT	8
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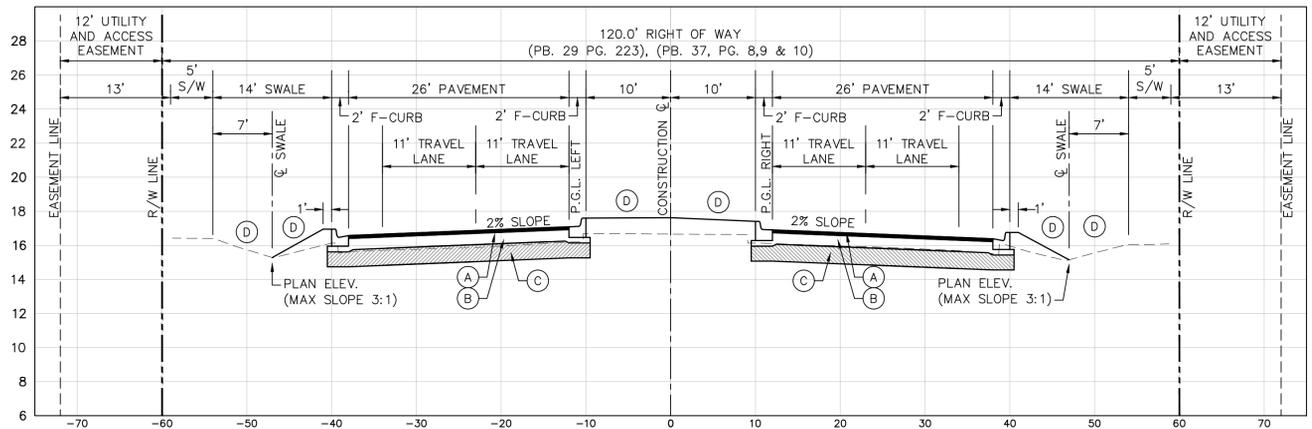
DETAILS NOT SHOWN:

1. REFER TO FDOT INDEX 216 FOR FLUME INLET SPECIFICATIONS.
2. REFER TO FDOT INDEX 232 FOR DITCH BOTTOM INLET SPECIFICATIONS.
3. REFER TO FDOT INDEX 300 FOR VALLEY GUTTER AND CURB AND GUTTER SPECIFICATIONS.
4. REFER TO FDOT INDEX 304 FOR CURB RAMP SPECIFICATIONS
5. REFER TO FDOT INDEX 310 FOR CONCRETE SIDEWALK SPECIFICATIONS.
6. REFER TO FDOT INDEX 600 FOR MAINTENANCE OF TRAFFIC SPECIFICATIONS. (NOTE: CONTRACTOR IS RESPONSIBLE FOR PREPARING AND IMPLEMENTING MAINTENANCE OF TRAFFIC PLAN).

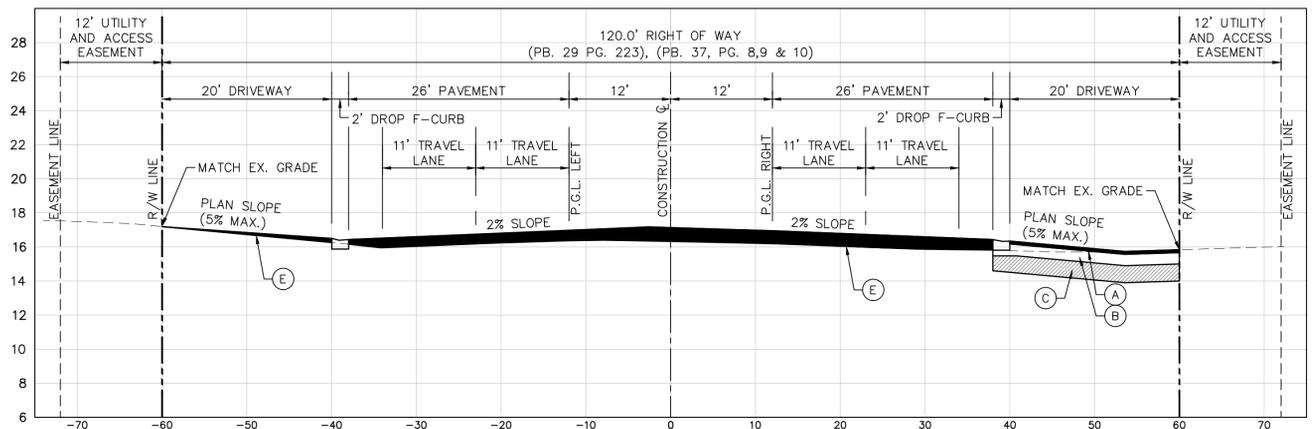


ROADWAY SPECIFICATIONS

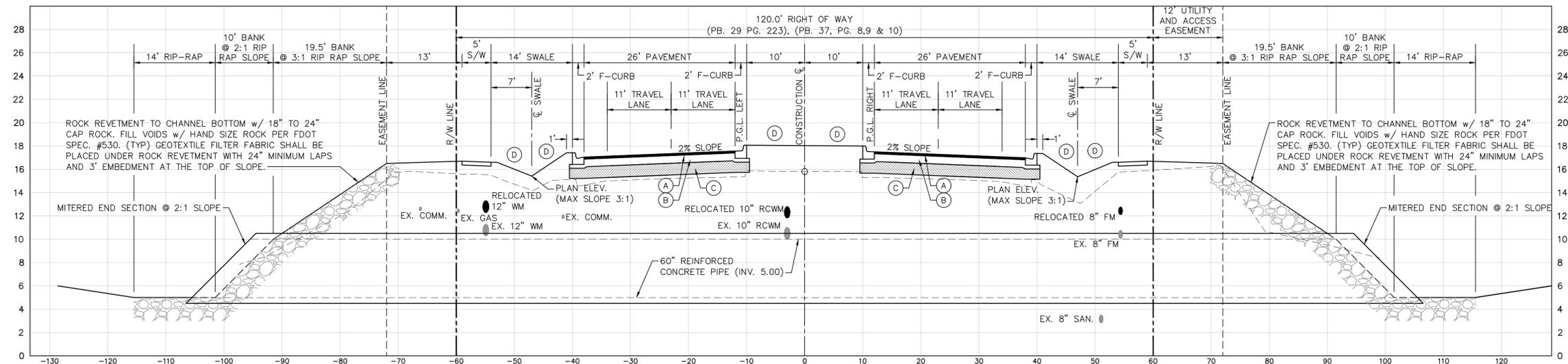
- (A) 3" ASPHALT (1-1/2" FC-12.5 OVER 1-1/2" SP-12.5) (FULL PAVEMENT WIDTH)
- (B) 10" BASE COURSE (SHELL OR LIMEROCK) PER FDOT SECTIONS 200 AND 911 913 AND 913A (MIN. LBR 100)
- (C) 12" MIN. THICK SUBGRADE COMPACTED TO 98% MAXIMUM DENSITY PER AASHTO T-180 (LBR 40)
- (D) FLORITAM SOD (FULL WIDTH)
- (E) TYPE SP-12.5 ASPHALT OVER-BUILD, INSTALL IN 1-1/2" MAX. LIFTS FINAL LIFT TO BE 1-1/2" FC-12.5



TYPICAL SECTION NEAR 1061+00 (LOOKING NORTH)

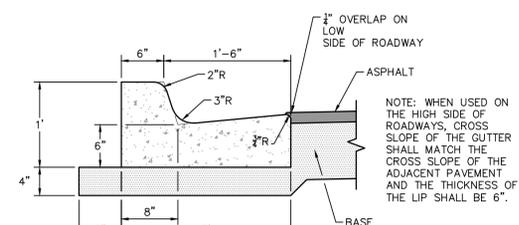


TYPICAL SECTION NEAR 1055+65 (LOOKING NORTH)



TYPICAL SECTION NEAR 1059+30 (LOOKING NORTH)

- NOTE:**
1. EXISTING WATER MAIN, FORCE MAIN AND RECLAIMED WATER MAIN ELEVATIONS OBTAINED BY VILLAGE OF WELLINGTON STAFF BY WAY OF POTHOLE EXCAVATION.
 2. ALL OTHER UTILITIES DEPTHS ARE APPROXIMATE.



TYPICAL TRENCHING DETAIL (PER VILLAGE OF WELLINGTON STANDARDS)

- NOTES:**
1. BEDDING SHALL CONSIST OF IN-SITU GRANULAR MATERIAL OR WASHED AND GRADED LIMEROCK 8" TO 8" SIZING UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK DEBRIS AND LARGER ROCKS SHALL BE REMOVED.
 2. THE PIPE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.
 3. THE PIPE SHALL BE PLACED IN A DRY TRENCH.
 4. BACKFILL SHALL BE FREE OF UNSUITABLE MATERIAL SUCH AS LARGE ROCK, MUCK, ROOTS AND DEBRIS.
 5. DENSITY TESTS ARE REQUIRED IN 2 FOOT LIFTS ABOVE THE PIPE AT INTERVALS OF 40' MAXIMUM.
 6. CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH ALL TRENCH SAFETY LAWS AND REGULATIONS.
 7. THE AFFECTED AREA SHALL BE RESTORED TO EQUAL OR BETTER CONDITION OR AS SPECIFIED IN PERMIT/CONTRACT DOCUMENTS.

ELEVATIONS SHOWN IN NGVD



BID PLANS

NO.	DATE	REMARKS	BY

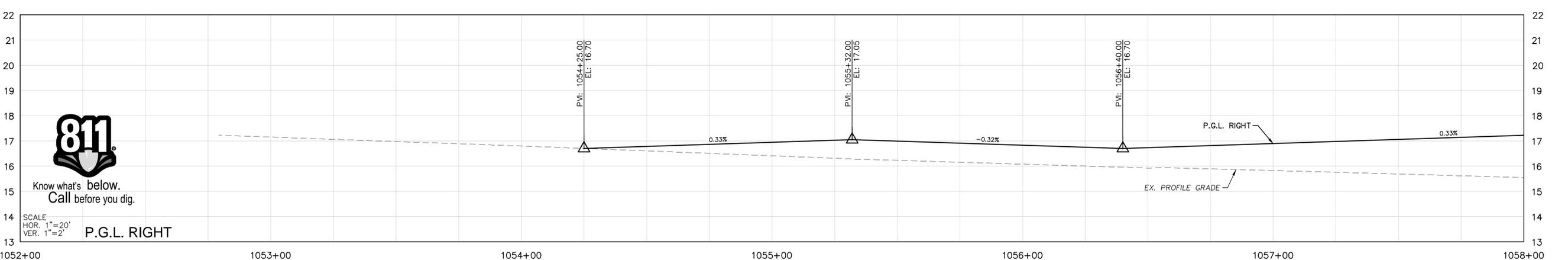
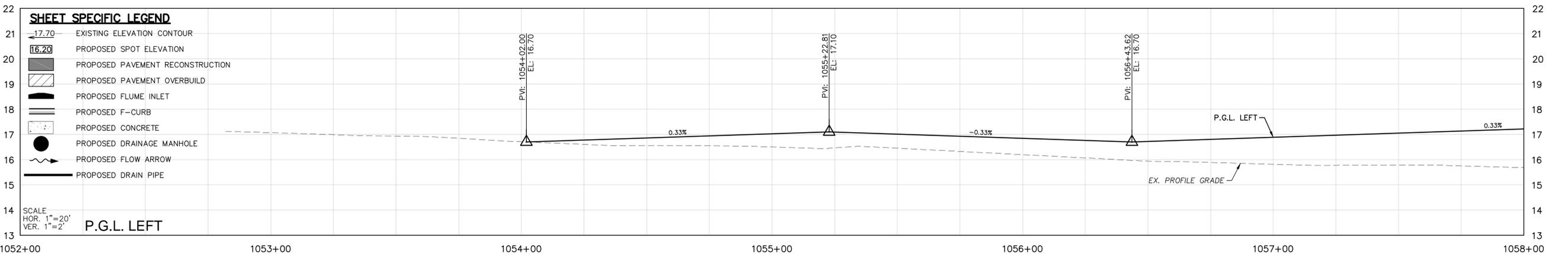
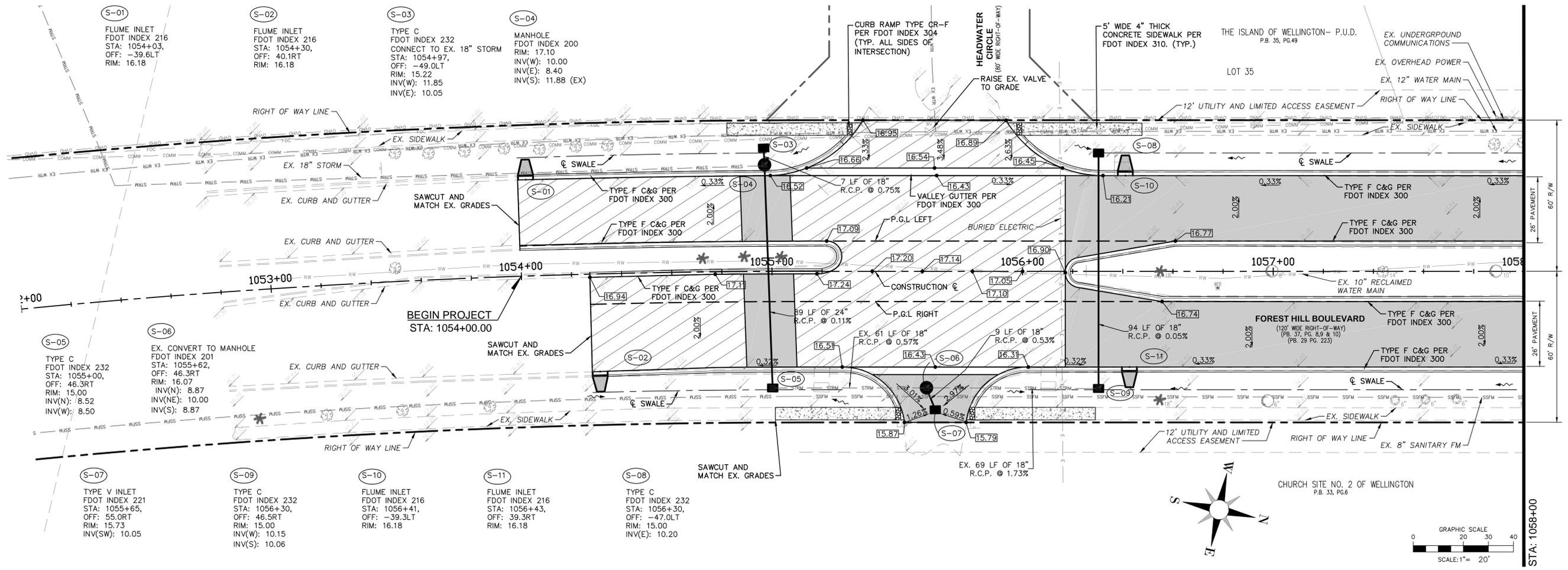
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TYPICAL SECTIONS FOR FOREST HILL BLVD.

W:\DEPARTMENTS\ENGINEERING\CAD\PROJECTS\FY2016\PROJECTS\FOREST HILL BLVD. CULTVERT\FHB_TYP SECTIONS.DWG 03/2016

DATE	START DATE	END DATE	DRAWN	PROJECT ENGINEER	PROJECT MANAGER	CHECKED
03/2016	JRR	PFB	PFB	PFB	WJR	
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8						

JOB NO. 014-16/DZ



ELEVATIONS SHOWN IN NGVD

BID PLANS

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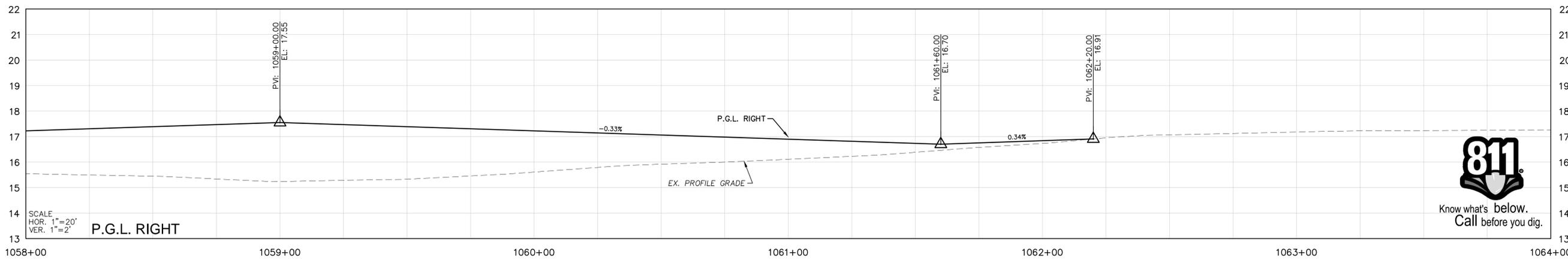
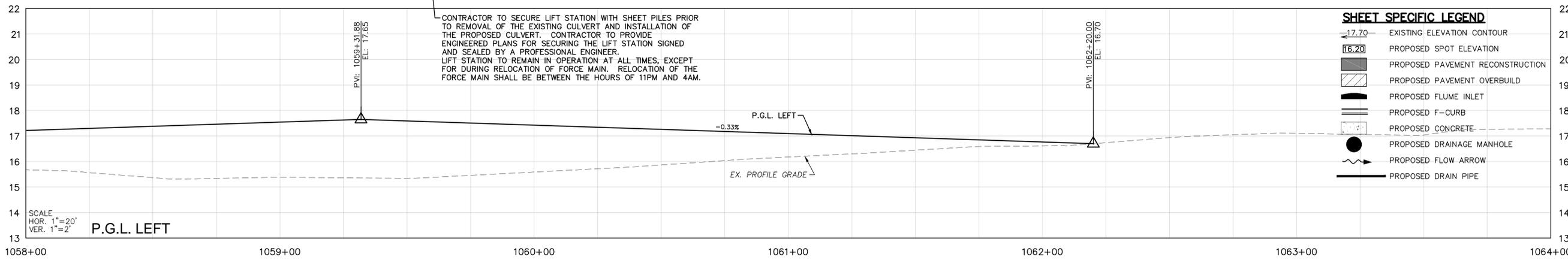
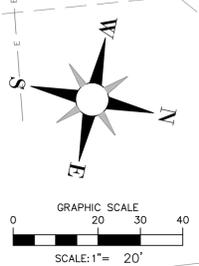
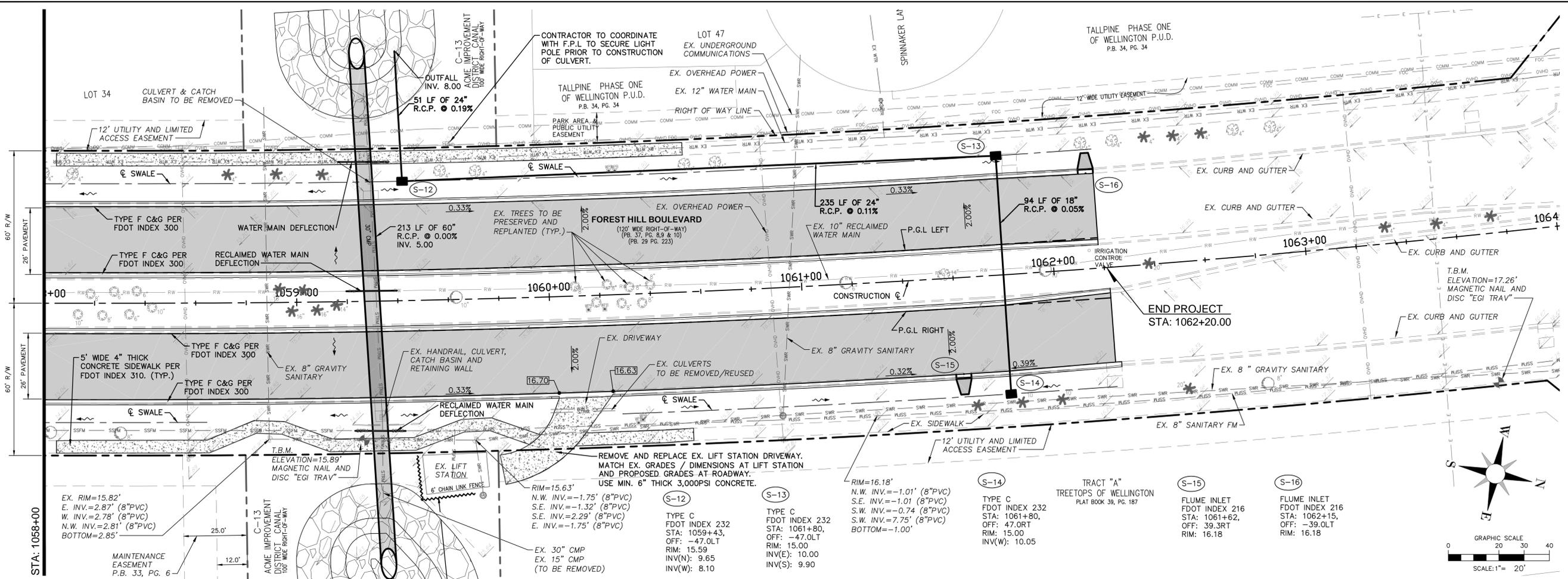
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PLAN AND PROFILE FOR FOREST HILL BLVD.



DATE	03/2016
DRAWN	JRR
PROJECT ENGINEER	PFB
PROJECT MANAGER	PFB
CHECKED	WJR
NO.	4
TOTAL SHEETS	8
JOB NO.	014-16/DZ



SHEET SPECIFIC LEGEND

- EXISTING ELEVATION CONTOUR
- PROPOSED SPOT ELEVATION
- PROPOSED PAVEMENT RECONSTRUCTION
- PROPOSED PAVEMENT OVERBUILD
- PROPOSED FLUME INLET
- PROPOSED F-CURB
- PROPOSED CONCRETE
- PROPOSED DRAINAGE MANHOLE
- PROPOSED FLOW ARROW
- PROPOSED DRAIN PIPE



Know what's below.
Call before you dig.

NO.	DATE	REMARKS	BY

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PLAN AND PROFILE FOR FOREST HILL BLVD.

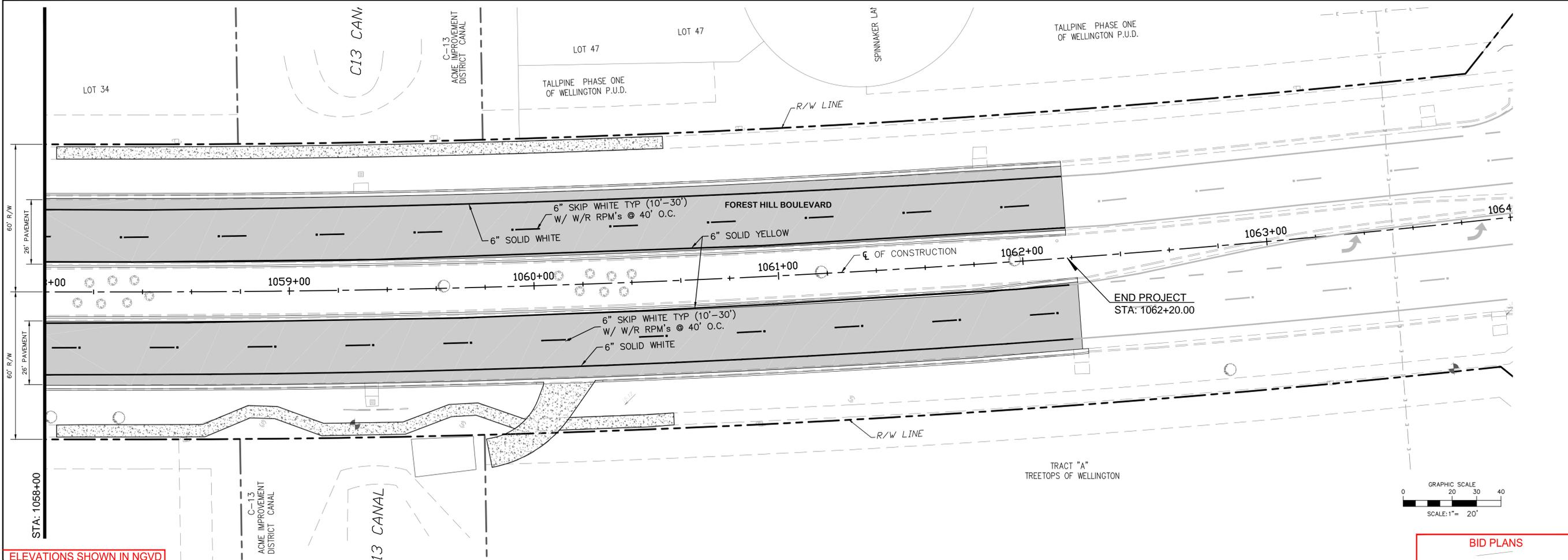
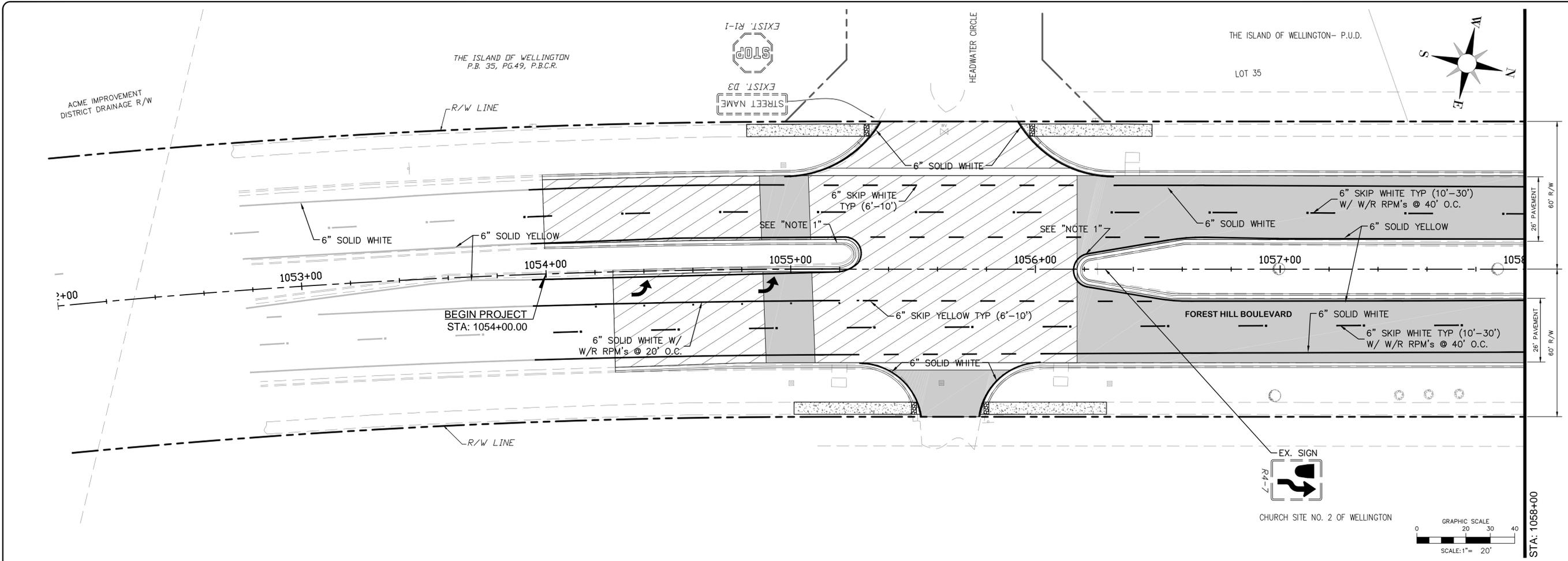
TRACT "A"
TREETOPS OF WELLINGTON
PLAT BOOK 39, PG. 187



START DATE	03/2016
DRAWN	JRR
PROJECT ENGINEER	PFB
PROJECT MANAGER	PFB
CHECKED	WJR
JOB NO.	014-16/DZ

ELEVATIONS SHOWN IN NGVD

BID PLANS



ELEVATIONS SHOWN IN NGVD

BID PLANS

NO.	DATE	REMARKS	BY

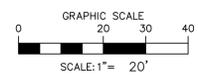
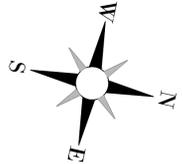
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PAVEMENT MARKINGS AND SIGNAGE PLAN FOR FOREST HILL BLVD.

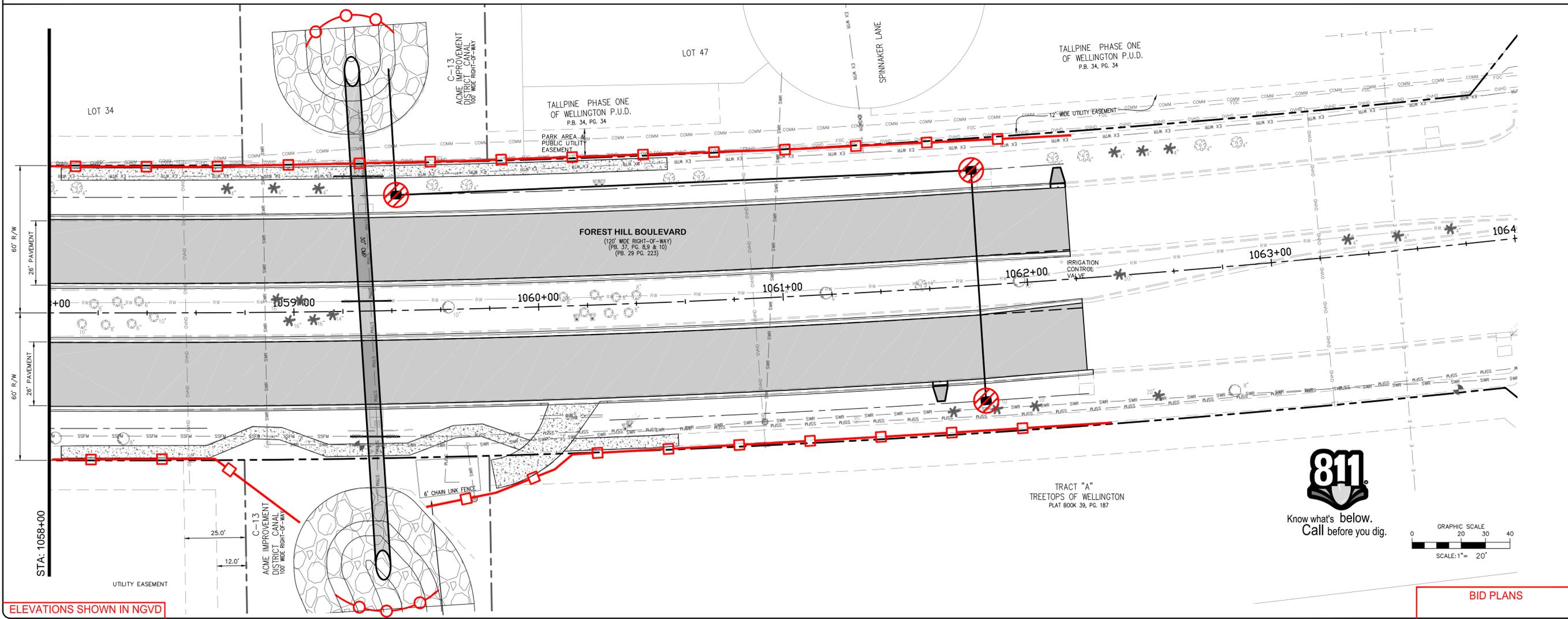
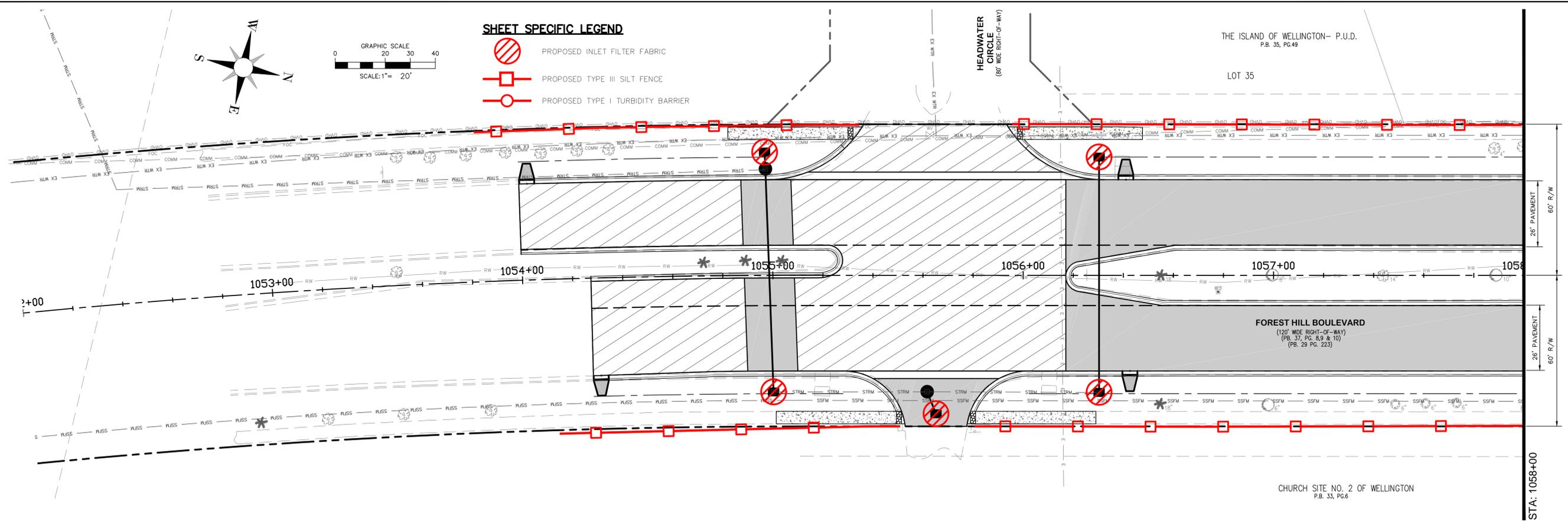


DATE	START DATE	END DATE	BY
03/2016	JRR	PFB	PFB
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8			

JOB NO. 014-16/DZ



- SHEET SPECIFIC LEGEND**
- PROPOSED INLET FILTER FABRIC
 - PROPOSED TYPE III SILT FENCE
 - PROPOSED TYPE I TURBIDITY BARRIER



ELEVATIONS SHOWN IN NGVD



BID PLANS

NO.	DATE	REMARKS	BY

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STORMWATER POLLUTION PREVENTION PLAN FOR FOREST HILL BLVD.



W. DEPARTMENTS ENGINEERING CAD PROJECTS	03/2016	JRR	PFB	PFB	WJR
DATE	START DATE	DRAWN	PROJECT ENGINEER	PROJECT MANAGER	CHECKED
03-2016	03-2016	JRR	PFB	PFB	WJR
8	8	8	8	8	8
JOB NO. 014-16/DZ					