COMMISSIONERS BILL PROCTOR DISTRICT I JANE G. SAULS DISTRICT 2 JOHN E. DAILEY DISTRICT 3 BRYAN DESLOGE DISTRICT 4



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VINCENT S. LONG COUNTY ADMINISTRATOR HERBERT W. A. THIELE COUNTY ATTORNEY KATHERINE G. BURKE, P.E. DIRECTOR OF ENGINEERING SERVICES

PLANS INDEX

SHEET #	SHEET DESCRIPTION
1	COVER SHEET
2	BASIN MAP
3	GENERAL NOTES AND EROSION CONTROL
4	OVERALL EXISTING CONDITIONS
5	EXISTING CONDITIONS
6	NATURAL FEATURES MAP
7	TREE PROTECTION AND EROSION CONTROL PLAN
8	DEMOLITION PLAN
9	PLAN & PROFILE - STA 0+00 TO 5+00
10	PLAN & PROFILE - STA 5+00 TO 9+00
11	DRAINAGE PLAN AND DETAILS
12	GRADING PLAN
13	DETAILS
14	CROSS SECTIONS - STA: 1+00 TO 4+80
15	CROSS SECTIONS - STA: 5+00 TO 8+60

GOVERNING STANDARDS AND SPECIFICATIONS:

FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) DESIGN STANDARDS DATED JANUARY 2010, AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED 2010, AS AMENDED BY CONTRACT DOCUMENTS.

VERTICAL DATUM: NAVD88

	REVISIONS					
NO.	DESCRIPTION	BY	DATE			

SHARER ROAD OUTFALL **STABILIZATION PROJECT**



LOCATION MAP

LEON COUNTY

Department of Public Works Division of Engineering Services

Public Works Center 2280 Miccosukee Road, Tallahassee, FL 32308-5310 Ph: (850)606-1500 Fax: (850)606-1501 Web: http://www.leoncountyfl.gov

PLANS PREPARED BY:



1625 Summit Lake Drive, Suite 200 Tallahassee, Florida 32317 Phone: (850) 574-3197 Certificate of Authorization # 000002



VICINITY MAP

	GENERAL LEGEND)	
BT- E- X- 200 X- 	EXISTING BURIED TELEPHONE WIRE EXISTING OVERHEAD WIRE EXISTING FENCE EXISTING FENCE EXISTING FENCE EXISTING CONTOUR EXISTING CONTOUR EXISTING CAS MAIN EXISTING CAS MAIN EXISTING SAMITARY SEWER PROPERTY LINE TRIGHT-OF-WAY EASEMENT DRAINAGE BASIN LIMITS OF WETLAND SILT FENCE EXISTING TREES RBF = REBAR FOUND OPF = OPEN PIPE FOUND FCM = FOUND CONCRETE MONUMENT BM = BENCHMARK AS NOTED WW = WATER VALVE GV = GAS VALVE EXISTING FOWER POLE LP = LIGHT POLE WATER METER WETLAND MARKER	FCM = FOUND FIP = FOUND R 0 W = RIG CH = CHORD (P) = FER PLA (D) = FER PLA (D) = FER PLA (M) = AS MEA FFE = FINISH INV = INVERT EL = LEVATI EXIST. = EXIS CMP = CORRU UE = UNDERG OH = OVERHE CONC = CONC CO.T. = CITY CONC = CONC CO.T. = CITY CONC = CONC CO.T. = CITY CONC = CONC CO.T. = CITY MM = WATER PE = POLYEH CONC = CONC CO.T. = CITY MM = WATER PE = POLYEH CONC = CONC CO.T. = CITY MM = WATER FE = FOLYEH CONC = CONC CO.T. = CITY MM = WATER FE = FOLXEH CONC = CONC CO.T. = CITY CONC = CONC CONC = CONC CONC CONC = CONC CONC CONC CONC = CONC CO	CONCERTE MONUMENT IRON PIPE IT OF WAY TH D PROVIDED BY CLIENT D PROVIDED BY CLIENT SURED D FLOOR ELEVATION ELEVATION RICED CONCERTE PIPE ON MA RIGHT OF WAY STRUCTURE NO. PROPOSED CONCETE PROPOSED ASPHALT PROPOSED BERM

FOR CONSTRUCTION

ENGINEER OF RECORD:

JENNIFER F. VRYNIOS, P.E. Florida P.E. Registration No. 66045

15

09/12/11 Date:



GENERAL NOTES

- I. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ESTABLISH A STAGING AREA WITH LEON COUNTY ENGINEER'S REVIEW AND APPROVAL PRIOR TO COMMENCEMENT OF CONSTRUCTION THE CONTRACTOR IS ALSO RESPONSIBLE TO OBTAIN NECESSARY PERMITS IF REQUIRED BY ANY OTHER AGENCIES. IF THE STAGING AREA IS OUTSIDE COUNTY'S RIGHT-OF-WAY OR PROPERTIES, THE CONTRACTOR IS REQUIRED TO OBTAIN A TEMPORARY STAGING AREA PERMIT FROM THE LEON COUNTY GROWTH AND ENVIRONMENTAL MANAGEMENT
- 2. THE EXACT LOCATION OF ALL UTILITIES IN THE VICINITY OF CONSTRUCTION ACTIVITIES SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES PRIOR TO BEGINNING OF CONSTRUCTION AND COORDINATE SCHEDULES WITH UTILITY OWNERS DURING CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES AND TO DETERMINE IF OTHER UTILITIES WILL BE ENCOUNTERED DURING THE COURSE OF THE WORK AND TAKE WHATEVER STEPS NECESSARY TO PROVIDE FOR THEIR PROTECTION.
- 3. ALL VALVE AND METER BOXES SHALL BE SET FLUSH WITH GRADE
- 4. CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY COMPANIES FOR REMOVAL AND/OR RELOCATION OF EXISTING UTILITY POLES AERIAL LINES, BURIED CABLE AND OTHER UTILITIES.
- 5. ADEQUATE PROVISIONS SHALL BE MADE FOR FLOW OF SEWERS, DRAINS AND WATER COURSES ENCOUNTERED DURING CONSTRUCTION.
- 6. PRIOR TO CONSTRUCTION, THE CONTRACTOR IS REQUIRED TO SUBMIT THE MAINTENANCE OF TRAFFIC PLAN TO LEON COUNTY FOR APPROVAL
- CONTRACTOR IS TO RESTORE ALL DISTURBED RIGHTS-OF-WAYS TO A CONDITION AS EXISTED PRIOR TO CONSTRUCTION. ALL DISTURBED AREAS SHALL BE SODDED WITH CENTIPEDE. SOD SHALL BE INSTALLED PERPENDICULAR TO THE EXPECTED FLOW AND PINNED FOR SLOPES 3H: V OR GREATER. SODDING ACTIVITIES SHALL BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION NO. 981.
- 8. THE CONTRACTOR SHALL REMOVE ALL CLEARING AND GRUBBING MATERIALS INCLUDING INVASIVE PLANT SPECIES AND DISPOSE IN A LANDFILL IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL LAWS.
- 9. ANY SOIL WHICH IS EXCAVATED AS PART OF THE WORK WILL BE STOCKPILED ALONG THE EDGE OF THE EXISTING DITCH WITHIN THE COUNTY EASEMENT. ANY EXCESS SOIL WILL BE HAULED AWAY AND DISPOSED OF OFFSITE IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL LAWS.
- 10. THE CONTRACTOR IS CAUTIONED TO VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE PROJECT PRIOR TO BIDDING
- II. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS BETWEEN CONTRACT DOCUMENTS AND EXISTING CONDITIONS.
- 12. THE CONTRACTOR SHALL EMPLOY THE USE OF SILT FENCES, HAY BALES, DITCHES OR WHATEVER MEANS NECESSARY TO CONTROL EROSION AND SEDIMENTATION AT ALL TIMES. THE LEON COUNTY ENVIRONMENTAL INSPECTOR MAY REQUIRE ADDITIONAL BMPS IF DEEMED NECESSARY.
- 13. THESE DRAWINGS REPRESENT KNOWN STRUCTURES AND UTILITIES LOCATED IN THE PROJECT AREA. THE CONTRACTOR IS CAUTIONED THAT OTHER STRUCTURES AND UTILITIES, ABOVE OR BELOW GROUND MAY BE ENCOUNTERED DURING THE COURSE OF THE PROJECT. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY UPON ENCOUNTERING ANY UNREPRECTED STRUCTURE, UTILITY LINE OR OTHER UNUSUAL CONDITION. VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
- 14. IF EXISTING UTILITY LINES ARE DISTURBED DUE TO CONSTRUCTION ACTIVITY, CONTRACTOR WILL BE RESPONSIBLE TO RELOCATE OR RECONSTRUCT AS PER UTILITY REQUIREMENTS.
- 15. PIN SOD ON ALL SLOPES 3:1 OR STEEPER WITH 18" LONG, 1/4" DIA. WOODEN PINS.
- 16. IN CASES WHERE CONSTRUCTION IS REFERENCED BY F.D.O.T. STANDARD INDEXES, ALL CONSTRUCTION MATERIALS AND METHODS SHALL BE IN ACCORDANCE WITH FLORIDA DEPT. OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARDS INDEX, 2010 EDITION. MISCELLANEOUS CONSTRUCTION NOT SPECIFICALLY DETAILED SHALL ALSO BE ACCOMPLISHED IN ACCORDANCE WITH THESE STANDARDS.
- 17. STANDARD SPECIFICATIONS GOVERNING CONSTRUCTION: FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2010 EDITION.
- 18. ALL SIGNAGE AND PAVEMENT PAINTED MARKINGS SHALL CONFORM WITH M.U.T.C.D., LATEST EDITION.
- 19. THE CITY OF TALLAHASSEE WATER AND SEWER SPECIFICATIONS DATED JANUARY 1992 SHALL APPLY TO PUBLIC UTILITIES UNLESS OTHERWISE NOTED
- 20. A SUFFICIENT LABOR FORCE SHALL BE MAINTAINED TO UNDERTAKE THE SCOPE OF WORK THAT IS TO BE PERFORMED. PRIOR TO THE START OF EACH DAYS WORK, THE ON-SITE INSPECTOR SHALL APPROVE THE PERSONNEL PROVIDED BY THE CONTRACTOR TO INSURE THAT AN ADEQUATE NUMBER OF WORKERS ARE AVAILABLE AS WELL AS CAPABLE OF PROVIDING THE SKILLS INCESSARY TO DEFERGENT THE RECESSARY TASK. IF AT ANY TIME. DURING THE WORKING DAY. THE INSPECTOR FELS THAT ADEQUATE PROVIDED NOT BEING PROVIDED, HE MAY STOP ALL WORK ACTIVITIES UNTIL THE CONTRACTOR CORRECTS THE SITUATION. THE CONTRACTOR'S SUPERINTENDENT SHALL BE FREE AT ALL TIMES TO SUFERVISE AND COORDINATE THE WORK IN PROGRESS WITH THE ON-SITE INSPECTOR WITHOUT BEING REQUIRED TO PERSONALLY OPERATE THE EQUIPMENT OF THE PROVIDED.
- 21. LEON COUNTY SHALL RESERVE THE RIGHT TO SAMPLE ANY OR ALL MATERIALS TO DETERMINE THAT MATERIALS MEET SPECIFICATIONS. FAILURE TO MEET SPECIFICATIONS SHALL BE CAUSE FOR CANCELLATION OF DELIVERY, REJECTION OF MATERIALS PROVIDED FOR PARTIAL OR FULL PAYMENT DEDUCTION AS DETERMINED BY THE COUNTY REPRESENTATIVE.
- 22. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING STREETS AND PRIVATE ENTRANCES THROUGHOUT PROJECT CONSTRUCTION. THIS PROJECT ANTICIPATES THE NEED FOR TRAFFIC CONTROL DEVICES LISTED IN THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES AND FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY STANDARD INDICES.
- 23. THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN ALL NECESSARY BARRICADES, WARNING, DANGER, AND DETOUR SIGNS SUITABLE AND ADEQUATE LIGHTS, PROVIDE FLAGMEN WHERE NECESSARY TO DIRECT TRAFFIC, AND TAKE ALL OTHER PRECAUTIONS TO PROTECT THE WORK AND THE PUBLIC. STREETS, WHICH ARE CLOSED TO TRAFFIC BY AUTHORITY OF LEON COUNTY, SHALL BE ADEQUATELY BARRICADED AND MARKED WITH WARNING AND DETOUR SIGNS, AND LIGHTS AT ALL INTERSECTIONS AND CROSSINGS ALONG THE DETOURS. STREET CLOSING AND DETOUR ROUTING SHALL BE REQUESTED OF AND RECEIVE APPROVAL FROM LEON COUNTY PUBLIC WORKS, PRIOR TO IMPLEMENTATION. THE TEMPORARY DETOUR SHALL BE ADEQUATELY MARKED THROUGHOUT IS LENGTH. ALL DETOUR ROUTES SHALL BE MAINTAINED BY THE CONTRACTOR IN A SAFE AND PASSABLE CONDITION AT ALL TIMES, AND AT SUCH TIME AS THE DETOUR IS NO LONGER NECESSARY. THE STREETS CONSTITUTING THE DETOUR ROUTING SHALL BE RESTORED TO A CONDITION EQUAL TO THE CONDITION OF SUCH STREETS PRIOR TO THEIR USE FOR DETOURS, ALL TO THE SATISFACTION OF THE ENGINEER OR HIS DESIGNEE.
- 24. THE CONTRACTOR SHALL REMOVE ALL EQUIPMENT FROM THE ROADWAY AND THE SHOULDER DURING NON-WORKING HOURS TO ENSURE THE LEAST PRACTICABLE INTERFERENCE WITH TRAFFIC AND PEDESTRIANS. THE CONTRACTOR IS TO PROVIDE THE STAGING AREA FOR STORING EQUIPMENT.
- 25. WORKING HOURS WILL NORMALLY BE FROM 8:30 A.M. TO 4:30 P.M., MONDAY THROUGH FRIDAY, HOWEVER, UPON REQUEST OF THE CONTRACTOR, LEON COUNTY PUBLIC WORKS, MAY CONSIDER AN ALTERNATIVE TO THESE WORKING HOURS BASED ON THE TIME OF THE YEAR, SITE, WEATHER, AND TRAFFIC CONDITIONS
- 26. NO NIGHT WORK SHALL BE PERFORMED UNLESS ADEQUATE LIGHTING IS PROVIDED AND APPROVAL GIVEN BY LEON COUNTY PUBLIC WORKS. IF THE EXISTING LIGHTING IS NOT ADEQUATE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ARTIFICIAL LIGHTING THAT SHALL BE APPROVED BY THE ENGINEER OR HIS DESIGNEE.
- 27. OBSTRUCTIONS AND BARRICADES SHALL BE LIGHTED AT NIGHT AND SUCH LIGHTS SHALL BE KEPT BURNING FROM SUNSET TO SUNRISE. ALL SUCH SIGNING AND TRAFFIC CONTROL WITHIN THE LIMITS OF THE PROJECT SHALL BE DONE IN ACCORDANCE WITH THE ENGINEER OR HIS DESIGNEE, APPLICABLE OSHA REGULATIONS AND MUTCO, PART VI.
- 28. THE CONTRACTOR SHALL POST ALL APPLICABLE PERMITS ONSITE.
- 29. THE CONTRACTOR IS REQUIRED TO REVIEW THE COMPLETE NWFWMD ERP PERMIT PRIOR TO CONSTRUCTION COMMENCEMENT. AN 8 ½* X II* WEATHER RESISTANT SIGN INCLUDING THE PERMIT NUMBER SHALL BE PLACED ON THE PROPERTY FACING THE ROAD.
- 30. THE CONTRACTOR SHALL NOT ENCROACH UPON, IN ANY WAY, THE DISTRICT VERIFIED WETLANDS THAT ARE SHOWN ON THE PLANS AND FLAGGED ONSITE.
- 3I. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND REPLACE STORMWATER CONTROL DEVICES AS NEEDED.
- 32. <u>DE-WATERING</u>: THE CONTRACTOR SHALL PROVIDE AND OPERATE EQUIPMENT ADEQUATE TO KEEP ALL EXCAVATIONS AND TRENCHES FREE OF WATER. REMOVE ALL WATER DURING PERIODS WHEN CONCRETE IS BEING DEPOSITED, WHEN PIPE IS BEING LAID, DURING THE PLACING OF BACKFILL AND AT SUCH OTHER TIMES AS REQUIRED FOR EFFICIENT AND SAFE EXECUTION OF THE WORK. AVIOL SETTLEMENT OR DAMAGE TO ALACENT PROPERTY. DISPOSE OF WATER IN A MANNER THAT WILL NOT DAMAGE ADJACENT PROPERTY. WHEN DE-WATERING OPEN EXCAVATIONS, DE-WATER FROM OUTSIDE THE STRUCTURAL LIMITS AND FROM A POINT BELOW THE BOTTOM OF THE EXCAVATION WHEN POSSIBLE. DESIGN DE-WATERING SYSTEM TO PREVENT REMOVAL OF FINES FROM EXISTING GROUND.

33. STORMWATER MANAGEMENT CONTROL OFFICER: MS. BETSY THORFE, CHIEF OF CONSTRUCTION MANAGEMENT FOR LEON COUNTY PUBLIC WORKS (850) 606-1522

GAS UTILITIES GENERAL NOTES AND SPECIAL PROVISIONS

- ALL CONSTRUCTION ACTIVITIES RELATED TO INSTALLING NEW GAS MAIN OR RELOCATING THE EXISTING ONE WILL BE DONE DURING PROJECT CONSTRUCTION AND WILL REQUIRE COOPERATION OF THE TIMELY COORDINATION WITH THE PRIME CONTRACTOR.
- ALL GAS MAIN PLACED OUT OF SERVICE WILL BE ABANDONED IN PLACE. IT WILL BE THE ROADWAY CONTRACTORS RESPONSIBILITY TO REMOVE AND DISPOSE OF SAID PIPE IF NECESSARY
- 3. THE ROAD CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO GAS FACILITIES BY SAID CONTRACTOR OR DESIGNEES ONCE GAS INSTALLATION/RELOCATION IS COMPLETE.
- 4. THE ROAD CONTRACTOR SHALL NOTIFY THE CITY GAS DEPT. IMMEDIATELY IF ANY GAS MAIN IS NICKED, SCRATCHED, CUT OR OTHERWISE DAMAGED SO THAT REPAIRS CAN BE MADE PROMPTLY.
- 5. THE CITY GAS DEPT. REQUIRES 72 HOURS NOTICE PRIOR TO ANY REQUEST FOR GAS MAIN EXPOSURE, PROTECTION OR ADJUSTMENT
- 6. APPROXIMATELY 2 CALENDAR DAYS WILL BE REQUIRED DURING PROJECT CONSTRUCTION FOR COMPLETION OF GAS MAIN INSTALLATION/RELOCATION.
- 7. IT IS THE CONTRACTORS RESPONSIBILITY TO HAVE ALL GAS MAINS LOCATED PRIOR TO DIGGING IN VICINITY OF GAS MAINS AND TO USE DUE CAUTION WHEN DOING SO.
- AFTER INSTALLATION OF NEW GAS MAIN OR RELOCATION OF EXISTING GAS MAINS AS PER 100% DESIGN PLANS, THE CITY GAS DEPT. WILL NOT BE RESPONSIBLE FOR ANY CONFLICTS DUE TO DESIGN CHANGES, FIELD CONDITION CHANGES, ADDENDUMS TO CONTRACT OR CONFLICTS CREATED BY OTHER UTILITIES.

CORRECTIVE ACTIONS FOR OCCURRENCE OF STRUCTURAL FAILURE (SINK FEATURE)

IF DURING CONSTRUCTION OR OPERATION OF THE STORMWATER MANAGEMENT SYSTEM, A STRUCTURAL FAILURE IS OBSERVED THAT HAS THE POTENTIAL TO CAUSE THE DIRECT DISCHARGE OF SURFACE WATER TO THE FLORIDIAN AQUIFER SYSTEM, ALL CONSTRUCTION ACTIVITIES SHALL STOP IMMEDIATELY AND CORRECTIVE ACTIONS DESIGNED OR APPROVED BY A REGISTERED PROFESSIONAL SHALL BE TAKEN AS SOON AS PRACTICAL TO CORRECT THE FAILURE. A REFORT FREFARED BY A REGISTERED PROFESSIONAL MUST BE PROVIDED AS SOON AS PRACTICAL TO THE NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT WFWMD) FOR REVIEW AND APPROVAL THAT PROVIDES REASONABLE ASSURANCE THAT THE BREACH WILL BE PERMANENTLY CORRECTED. CONSTRUCTION ACTIVITY SHALL NOT RESUME UNTIL NOTIFIED BY NWFWMD TO DO SO.

CONSTRUCTION SEQUENCE

- I. NOTICE OF CONSTRUCTION COMMENCEMENT SHALL BE SUBMITTED BY THE CONTRACTOR TO LEON COUNTY PUBLIC WORKS.
- 2. THE CONTRACTOR SHALL SUBMIT TO LEON COUNTY FOR APPROVAL ANY CHANGES TO THE CONSTRUCTION SEQUENCE AS IT IS PRESENTED HERE. 3. THE CONTRACTOR SHALL REQUEST AN ON-SITE PRE-CONSTRUCTION CONFERENCE WITH LEON COUNTY ENVIRONMENTAL COMPLIANCE DIVISION PRIOR TO ANY CONSTRUCTION ACTIVITY.
- 4. THE CONTRACTOR SHALL VERIFY LOCATION OF ALL ABOVE GROUND AND UNDERGROUND UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION. CALL SUNSHINE LOCATE AT I-800-432-4770 OR 811 TO CONFIRM UNDERGROUND UTILITY LINES 48 HOURS BEFORE DIGGING. THE CONTRACTOR SHALL SUBMIT TO LEON CONTY NOTICE OF CONSTRUCTION COMMENCEMENT.
- 5. THE CONTRACTOR SHALL FIRST CONSTRUCT PERIMETER SEDIMENTATION/EROSION CONTROLS AND THEN CLEARLY 'FLAG' THE LIMITS OF CONSTRUCTION. CONSTRUCTION ACTIVITY SHALL NOT COMMENCE UNTIL THE SEDIMENT CONTROLS HAVE BEEN INSPECTED AND APPROVED BY THE LEON COUNTY ENVIRONMENTAL INSPECTOR.
- 6. THE CONTRACTOR SHALL REMOVE ALL TREES INDICATED FOR REMOVAL ON SHEET 8 OF THIS PLAN SET, AS WELL AS IMPLEMENT ALL TREE PRESERVATION MEASURES AS DESCRIBED ON SHEET 7 OF THIS PLAN SET. THE INVASIVE PLANT SPECIES THAT EXIST AND MAY PROLIFERATE WITHIN THE DRAINAGE EASEMENT WILL BE MONITORED BY THE COUNTY AND REMOVED AS NECESSARY. DUE TO THE DOMINANCE OF INVASIVE, EXOTIC SPECIES, DURING CLEARING AND GRUBBING, ALL UNDERBRUSH SHALL BE DISPOSED OF IN A CAB LANDFILL. ALSO TO REVENT THE SPREAD OF EXOTIC SPECIES TO OTHER AREAS THE CONTRACTOR SHALL CLEAN (RINSED AND BLOWN OFF) ALL EQUIPMENT USED AT THE SITE BEFORE MOVING TO ANOTHER SITE.
- THE CONTRACTOR SHALL PERFORM PREPARATORY GRADING AND EARTHWORK PRIOR TO ANY CONSTRUCTION OF THE CROSS DRAINS, INLETS, OR CONCRETE CHANNEL. GRADING SHALL BE PERFORMED IN THE DIRECTION OF DOWNSTREAM TO UPSTREAM AND THE PROFILE ELEVATION AND CHANNEL GEOMETRY SHOULD EQUAL THAT INDICATED ON THE PLANS MINUS THE THICKNESS OF THE CONCRETE CHANNEL.
- THE CONTRACTOR SHALL INSTALL ALL REMAINING SEDIMENTATION/EROSION CONTROL DEVICES AS INDICATED ON THESE PLAN SHEETS: HAY BALES PLACED DOWN THE NEWLY GRADED CHAINNEL SHALL NOT BE REMOVED UNTIL THE ENTIRE CONCRETE CHANNEL HAS BEEN CONSTRUCTED AND THE FINISHED GRADE HAS BEEN STABILIZED.
- 9. THE CONTRACTOR SHALL SUBMIT A MAINTENANCE OF TRAFFIC (MOT) PLAN TO THE COUNTY FOR APPROVAL. THE CONTRACTOR SHALL INSTALL TRAFFIC CONTROL DEVICES AND CONTINUOUSLY MAINTAIN ALL TRAFFIC CONTROL DEVICES AS PER APPROVED MOT PLAN.
- 10. THE CONTRACTOR SHALL CONSTRUCT NEW INLETS AND CULVERTS AT MADERIA CIRCLE FIRST, AND THEN AT SHARER ROAD
- II. THE CONTRACTOR SHALL CONSTRUCT CONCRETE CHANNEL IN THE DIRECTION OF UPSTREAM TO DOWNSTREAM
- 12. THE CONTRACTOR SHALL CLEAN UP THE JOB SITE AND DEMOBILIZE CONSTRUCTION EQUIPMENT
- 13. THE LEON COUNTY DEPARTMENT OF PUBLIC WORKS SHALL BE RESPONSIBLE FOR CONSTRUCTION INSPECTION AND SHALL SUBMIT AN AS-BUILT SURVEY AND AN ENGINEERING COMPLIANCE LETTER TO LEON COUNTY GROWTH AND ENVIRONMENTAL MANAGEMENT FOR REVIEW AT LEAST 20 DAYS PRIOR TO A FINAL INSPECTION

SPILL CONTROL PRACTICES

- THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP.
- 1. MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION CLEANUP SUPPLIES.
- 2. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY
- 3. PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
- 4. SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE
- 5. THE SPILL PREVENTION PLAN WILL BE PREPARED BY THE CONTRACTOR AND KEPT IN THE POSSESSION OF THE SITE SUPERINTENDENT ONSITE AT ALL TIMES. THIS PLAN WILL INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE ARE OTHERS. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED. ALL SPILLS AND RESPONSES WILL BE REPORTED TO THE APPROPRIATE AGENCY.
- 6. THE SITE SUPERINTENDENT WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE WILL DESIGNATE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE STAGING AREA AND KEPT WITH THE SITE SUPERINTENDENT ONSITE AT ALL TIMES.
- 7. USE AND CHARACTERISTICS OF FUEL OR CHEMICAL STORAGE TANK ON SITE SHALL COMPLY WITH ALL RELATED FEDERAL, STATE, AND LOCAL REGULATIONS. USE AND CHARACLERSTICS OF FOLE OR CHEMICAL STORAGE LAWN OW STIE SHALL COMPLY MITH ALL RELAIED FEDERAL, STATE, AND LOCAL REGULA. STORAGE TANKS MUST BE LOCATED AS FAR AS POSSIBLE FROM ANY DRAINAGE STRUCTURES, DITCHES, ADVOR SURFACE WATERS. IN ADDITION, THE CONTRACTOR MUST PROVIDE A SECONDARY CONTAINMENT WITH A LINER CHEMICALLY RESISTANT TO THE FUEL OR CHEMICAL STORED ON SITE. THE SECONDARY CONTAINMENT MUST BE SIZED TO CONTAIN MINIMUM OF ONE AND A HALF TIME THE TOTAL CAPACITY OF STORAGE TAMN BEING USED. CONTRACTOR HAS TO PROVIDE A DAILY INSPECTION LOG FOR THE SECONDARY CONTAINMENT WITH INDICATION OF DATE, INSPECTORS NAME AND INSPECTION REPORT. FURTHERMORE, ANY CONTAMINATION HAS TO BE IMMEDIATELY CONTAINED AND THE COUNTY INSPECTOR MUST BE NOTIFIED OF THE NATURE AND EXTEND OF THE CONTAMINATION





SOIL BASE







NOTES

- BALES SHALL BE ANCHORED WITH 2-1" X 2" (OR I" DIA.) X 4" WOOD STAKES. STAKES OF OTHER MATERIAL OR SHAPE PROVIDING EQUIVALENT STRENGTH MAY BE USED IF APPROVED BY THE DENINEER. STAKES OTHER THAN WOOD SHALL BE REMOVED UPON COMPLETION OF THE PROJECT.
- RAILS AND POSTS SHALL BE 2" X 4" WOOD. OTHER MATERIALS PROVIDING EQUIVALENT STRENGTH MAY BE USED IF APPROVED BY THE ENGINEER.
- 3. ADJACENT BALES SHALL BE BUTTED TOGETHER FIRMLY.
- CONTRACTOR SHALL REINSTALL HAY BALE BARRIERS THAT ARE REMOVED FOR CONCRETE PAVEMENT CONSTRUCTION.

HAY BALE SEDIMENT BARRIERS FOR DITCHES





































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