

# PATHWAY CONNECTIVITY PROJECTS

## PALMETTO BAY ROAD AT AUDOBON PRESERVE PEMBROKE DRIVE AT NATURES WAY US 278 AT SHELTER COVE LANE



The point of contact for this project is:

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One Town Center Court

Hilton Head Island, SC 29928

Owner: Town of Hilton Head Island

One Town Center Court

Hilton Head Island, SC 29928

NPDES Disturbed AREA= _____ ACRES
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Approximate Location of Roadway LONGITUDE _____ LATITUDE _____
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**BEFORE YOU DIG**  
S.C. ONE CALL NUMBER:  
1 - 888 - 721- 7877

THE PRESENCE, SIZE AND LOCATION OF THE EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON INFORMATION OBTAINED FROM PREVIOUS CONSTRUCTION PLANS AND VISIBLE ABOVE GROUND STRUCTURES. THE ACTUAL SIZE, LOCATION AND TYPE OF MATERIAL MAY VARY UPON EXCAVATION. THERE MAY BE OTHER EXISTING UTILITIES ON THIS SITE NOT SHOWN ON THIS PLAN. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES PRIOR TO ANY DEMOLITION, EXCAVATION AND/OR CONSTRUCTION. THE CONTRACTOR IS ADVISED TO CONTACT THE LOCAL UNDERGROUND UTILITY PRIOR TO ANY DEMOLITION, EXCAVATION AND CONSTRUCTION.

NOTE: EXCEPT AS MAY OTHERWISE BE SPECIFIED ON THE PLANS OR IN THE SPECIAL PROVISIONS, ALL MATERIALS AND WORKMANSHIP ON THIS PROJECT SHALL CONFORM TO THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (2007 EDITION) AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT AT THE TIME OF LETTING.

PLANS PREPARED BY:  
**TOWN OF HILTON HEAD ISLAND ENGINEERING DIVISION**

ONE TOWN CENTER COURT  
HILTON HEAD ISLAND, S.C. 29928  
PH. (843) 341-4600  
<http://www.hiltonheadislandsc.gov>

- PLOT DATE: 05/29/15 -



DESCRIPTION	DATE

<b>TOWN OF HILTON HEAD ISLAND</b> Dept. of Public Projects & Facilities Engineering Division	RELEASED FOR	DATE
	APPROVALS	
	BIDDING	
	CONSTRUCTION	
	RECORD DWG.	

**US 278B PATHWAY PROJECT  
HARGRAY TO  
SHELTER COVE TOWN CENTRE**

**TITLE SHEET**

**SHEET  
1**

## GENERAL NOTES

THE CONTRACTOR SHALL SUBMIT ALL SITE CONSTRUCTION SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL. ANY REQUESTS FOR INFORMATION (RFI), SUBSTITUTIONS, OR REVISIONS SHALL BE REQUESTED IN WRITING AND APPROVED BY THE ENGINEER PRIOR TO MODIFICATION.

THE CONTRACTOR SHALL SUBMIT PROPER NOTIFICATION FOR REQUIRED INSPECTIONS. IN NO CASE SHALL NOTIFICATION BE LESS THAN 24 HOURS.

IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL REQUIRED PERMITS ARE IN HAND PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

### PROPOSED ELEVATIONS:

THE CONTRACTOR SHALL SET AND ADJUST PROPOSED ELEVATIONS AS NECESSARY TO ENSURE PROPER LONGITUDINAL GRADE FOR DRAINAGE.

### DRAINAGE STRUCTURES:

GRADES, ELEVATIONS AND LOCATIONS SHOWN ARE APPROXIMATE. AS DIRECTED BY THE ENGINEER, THEY MAY BE ADJUSTED, TO ACCOMMODATE UNFORESEEN CONDITIONS. STATIONS, OFFSETS AND ELEVATIONS REFER TO THE CENTER OF DROP INLETS, MANHOLES AND JUNCTION BOXES, AND THE MIDPOINT OF THE LIP FOR CATCH BASINS.

### BARRICADES, DANGER AND WARNING SIGNS:

ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" LATEST EDITION. THE CONTRACTOR SHALL INSTALL AND MAINTAIN BARRICADES, SUITABLE AND SUFFICIENT LIGHTS, DANGER SIGNALS, SIGNS, AND OTHER TRAFFIC CONTROL DEVICES AND SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF THE WORK AND SAFETY OF THE PUBLIC. LANES CLOSED TO TRAFFIC SHALL BE PROTECTED BY EFFECTIVE BARRICADES, LIGHTED DURING HOURS OF DARKNESS. SUITABLE WARNING SIGNS SHALL BE PROVIDED TO CONTROL DIRECT TRAFFIC AND WARN PEDESTRIANS. UPON COMPLETION, ALL BARRICADES, SIGNS AND THE LIKE SHALL BE REMOVED.

### SUBSURFACE PLANS:

SUBSURFACE INVESTIGATIONS ARE NOT AVAILABLE FOR THIS PROJECT. IT IS THE OBLIGATION OF THE CONTRACTOR TO MAKE THEIR OWN INTERPRETATION OF ALL SURFACE AND SUBSURFACE DATA THAT IS AVAILABLE AS TO THE NATURE AND EXTENT OF THE MATERIALS TO BE EXCAVATED, WASTED, GRADED, AND COMPACTED. THE INFORMATION SHOWN ON THESE PLANS IN NO WAY GUARANTEES THE AMOUNT OR NATURE OF THE MATERIAL TO BE ENCOUNTERED.

### SANITARY PROVISIONS:

THE CONTRACTOR SHALL PROVIDE TEMPORARY SANITARY FACILITIES FOR THE USE OF THE WORKERS DURING THE PROGRESS OF THE WORK. THE SANITARY FACILITIES SHALL CONFORM TO THE REQUIREMENTS OF THE SOUTH CAROLINA DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL. ALL FACILITIES SHALL BE REMOVED AT THE COMPLETION OF THE CONTRACT.

### INCIDENTAL ITEMS:

THE CONTRACTOR SHALL REMOVE AND RESET ANY INCIDENTAL ITEMS SUCH AS MAILBOXES OR FENCES AS NOTED ON THE PLANS, AS DIRECTED BY THE ENGINEER, AND/OR ARE DISTURBED DURING CONSTRUCTION.

### RESPONSIBILITY REGARDING EXISTING UTILITIES AND STRUCTURES:

THE CONTRACTOR SHALL CONTACT PALMETTO UTILITY PROTECTION SERVICE\* AT 1-888-721-7877, AT LEAST 72 HOURS PRIOR TO BEGINNING EXCAVATION. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES WILL BE INVESTIGATED AND LOCATED/ VERIFIED IN THE FIELD BY THE CONTRACTOR BEFORE STARTING WORK. EXCAVATION IN THE VICINITY OF EXISTING STRUCTURES AND UTILITIES SHALL BE CAREFULLY DONE BY HAND. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY DAMAGE TO AND FOR MAINTENANCE AND PROTECTION OF EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE UTILITY COMPANIES FOR LOCATIONS, ANY RELOCATION, ADJUSTMENT OR REPLACEMENT OF UTILITY FACILITIES. VERTICAL ALIGNMENT OF WATERLINE TO BE ALTERED BY INSERTION OF VERTICAL BENDS WHICH ALLOW SEPARATION AS REQUIRED BY LOCAL JURISDICTION.

### INTERRUPTION OF UTILITY SERVICE:

THE CONTRACTOR'S OPERATIONS SHALL BE SO CONDUCTED AS TO INTERFERE AS LITTLE AS POSSIBLE WITH UTILITY SERVICES. ANY PROPOSED INTERRUPTION BY THE CONTRACTOR MUST BE ACCEPTED IN ADVANCE BY THE ENGINEER AND RESPECTIVE UTILITY OWNER.

### UTILITIES:

PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL LOCATE AND VERIFY THE SIZE AND INVERT OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND PURCHASING CONSTRUCTION MATERIALS AND SHOULD NOTIFY THE ENGINEER OF ANY UNCHARTERED UTILITIES. THE CONTRACTOR SHALL PROTECT ALL UTILITIES TO REMAIN AND SHALL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR AS A RESULT OF THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES IN THE PROJECT AREA.

THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AT LEAST 72 HOURS PRIOR TO COMMENCING WORK. VERIFY UTILITIES WITHIN THE PROJECT LIMITS AND NOTIFY THE ENGINEER OF CONFLICTS OR VARIANCES TO THE PLANS PRIOR TO BEGINNING WORK OR PURCHASE OF MATERIALS. THE CONTRACTOR SHALL PROTECT ALL UTILITIES FROM DAMAGE CAUSED BY HIS OPERATIONS OR THOSE OF HIS AGENTS.

THE EXISTING UTILITIES SHOWN ARE BASED ON AVAILABLE RECORDS AND FIELD EXAMINATIONS. ALL LOCATIONS AND POSITIONS ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UTILITIES IN THE PROJECT AREA. THE CONTRACTOR SHALL PROTECT ALL UTILITIES TO REMAIN AND SHALL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR AS A RESULT OF THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES IN THE PROJECT AREA.

THE TOWN WILL NOT BE HELD RESPONSIBLE FOR THE ACCURACY OF UTILITY LOCATIONS, SIZES, DEPTHS, OR FOR COMPLETENESS OF UTILITY INFORMATION.

THE CONTRACTOR SHALL HOLD THE TOWN HARMLESS FOR ANY THIRD-PARTY INCONVENIENCE CREATED BY WORK OF HIS OWN FORCES OR THAT OF HIS AGENTS. AS NEEDED, THE CONTRACTOR SHALL ADJUST/RELOCATE THE SANITARY SEWER AND WATER LINES ONLY. ALL OTHER ADJUSTMENT/RELOCATIONS WILL BE PERFORMED BY THE VARIOUS UTILITY OWNERS. THE CONTRACTOR SHALL COORDINATE WORK WITH UTILITY OWNERS SO AS NOT TO ADVERSELY AFFECT THE PROJECT SCHEDULE. THE CITY WILL NOT BE HELD RESPONSIBLE FOR ANY DELAYS OR DISRUPTIONS IN THE SCHEDULE DUE TO THE WORK OF OTHER UTILITY OWNERS.

### EXISTING SANITARY SEWER AND WATER LINE:

THE CONTRACTOR SHALL USE CARE WHEN WORKING AROUND SANITARY SEWERS AND WATER LINES. SHOULD THE CONTRACTOR DAMAGE EXISTING SEWER OR WATER LINES, HE SHALL IMMEDIATELY REPLACE THE LINE. AT HIS EXPENSE, WITH DUCTILE IRON PIPE. SEWER LATERALS IN CONFLICT WITH PROPOSED STORM DRAINAGE IMPROVEMENTS SHALL BE REPLACED WITH DUCTILE IRON PIPE FROM SEWER MAIN TO EASEMENT LINE OR RIGHT-OF-WAY FARTHEST FROM THE SEWER MAIN.

THE CONTRACTOR SHALL ADJUST ALL WATER VALVES, WATER METER BOXES AND WATER VAULTS TO FINISHED GRADE. WATER METERS LOCATED IN SIDEWALKS OR CONCRETE DRIVEWAYS SHALL BE INSTALLED WITHIN CONCRETE BOXES. ALL WATER LATERALS SHALL ALSO BE CONNECTED TO PROP. WATER LINE WHERE THERE IS AN EXISTING WATER METER.

## PATHWAY PAVING, GRADING, AND DRAINAGE NOTES

- WHERE EXISTING PAVEMENT IS SHOWN TO BE MATCHED, EDGE OR CONTACT FACE WITH EXISTING PAVEMENT SHALL BE SAW CUT TO A NEAT VERTICAL LINE.
- THE CONTRACTOR SHALL SAWCUT EXISTING ASPHALT AND/OR CONCRETE SURFACES PRIOR TO REMOVAL, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. A ONE FOOT MINIMUM WIDTH FOR ALL SAWCUTS.
- CONTRACTOR SHALL COORDINATE DEMOLITION AND IMPROVEMENTS TO MINIMIZE TRAFFIC INTERFERENCE AND OPERATIONS OF FACILITIES.
- TEMPORARY CONTROL OF STORM WATER DRAINAGE SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. SEQUENCING AND CONSTRUCTION TECHNIQUES SHALL PREVENT OBSTRUCTION OF STORM SEWERS, PONDING IN TRAFFIC AREAS OR RAISING OF WATER LEVELS WHICH WOULD ENTER ADJACENT BUILDINGS OR STRUCTURES.
- ELEVATION OF TOP OF EXISTING MANHOLES, INLETS, WATER VALVE BOXES, ETC., SHALL BE ADJUSTED TO MATCH NEW PAVING OR RESURFACING GRADES. PRICE TO BE CONSIDERED INCIDENTAL TO THE WORK.
- PREPARATION, GRADING, PAVING AND OTHER SITE IMPROVEMENTS SHALL CONFORM TO THE FOLLOWING:
  - SUBGRADE PREPARATION: TOP SOIL SHALL BE REMOVED FROM PAVED AREAS TO A MINIMUM DEPTH OF 4". ALL EXCAVATION SHALL BE TO SUBGRADE LIMITS. SUBGRADE SHALL BE COMPACTED TO A MINIMUM OF 95% (ASTM D1556) DENSITY FOR A DEPTH OF 12 INCHES.
  - CONCRETE: MINIMUM 4000 PSI COMPRESSIVE STRENGTH AT 28 DAYS (5-12 BAGS CEMENT PER CU. YD.; ENTRAINED AIR 5% ± 1%).
  - BASE COURSE: 4-1/2" COMPACTED THICKNESS STABILIZED GRANITE AGGREGATE.
  - WEARING SURFACE: HOT PLANT MIX ASPHALT CONCRETE, TYPE C, 1-1/2" COMPACTED THICKNESS. (PRIME AS INDICATED BY PAVING SECTION DETAILS).
- ALL CONSTRUCTION MUST CONFORM TO APPLICABLE STATE, BEAUFORT COUNTY AND/OR TOWN OF HILTON HEAD STANDARDS, SPECIFICATIONS AND REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SEDIMENT AND SOIL EROSION CONTROL AS MAY BE REQUIRED BY SC DHECOCRM. THE CONTRACTOR MUST INSTALL SILT BARRIERS AS SHOWN, OR DIRECTED, BY THE PROJECT ENGINEER AND/OR THE OCRM INSPECTOR.
- ALL PIPES BEING SHOWN AS ABANDONED WILL BE FILLED WITH FLOWABLE FILL. CONTRACTOR CAN ELECT TO LEAVE IN PLACE AND FILL WITH FLOWABLE FILL WITH THE TOWN'S APPROVAL AT NO ADDITIONAL COST.
- CONTRACTOR TO ENSURE POSITIVE DRAINAGE ON ROADS, CURBS, SIDEWALKS AND GRASSED LINED DITCHES BEING REPLACED OR CONSTRUCTED.
- PIPE LENGTHS AND SLOPE SHOWN IN PLAN AND PROFILE WERE DETERMINED USING CENTER OF STRUCTURE TO CENTER OF STRUCTURE.

## SCDHEC STANDARD NOTES

- IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
- STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW.
  - WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
  - WHERE CONSTRUCTION ACTIVITIES IN A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
- ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
- PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION, FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE SEDIMENT BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
- ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
- THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
- RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C. REG. 72-300 ET SEQ. AND SCR100000.
- TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
- ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CANT BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.
- LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
- A COPY OF THE SWPPP, INSPECTIONS RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.
- INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
- MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.
  - THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
    - WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL.
    - WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS.
    - FRESHLY DETERGENT USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE, AND
    - SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
- AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.
- IF EXISTING BMPS NEED TO BE MODIFIED OR IF ADDITIONAL BMPS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPS MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.
- A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.

## GENERAL CONSTRUCTION NOTES

- CLEARING AND GRUBBING  
THE CONTRACTOR WILL BE REQUIRED TO CLEAR ALL AREAS NECESSARY FOR THE CONSTRUCTION OF ANY SEDIMENT DAMS AND INSTALL THE SEDIMENT DAMS AND ALL OTHER PERIMETER EROSION CONTROL MEASURES PRIOR TO CLEARING AND GRUBBING ACTIVITIES. ALSO, THE CONTRACTOR SHALL STAGE HIS CLEARING AND GRUBBING WORK ALONG WITH HIS ROADWAY CONSTRUCTION WORK TO MINIMIZE THE AMOUNT OF EROSION AND SEDIMENTATION. EROSION CONTROL MEASURES SHALL BE IMPLEMENTED DURING ALL STAGES OF CONSTRUCTION.
- SEEDING  
SEEDING SHALL BE ACCOMPLISHED ACCORDING TO S.C.D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION 2007 EDITION, SECTION 810.
- EROSION CONTROL MEASURES  
ALL EROSION CONTROL MEASURES ON THIS PROJECT SHALL BE IMPLEMENTED AS DETAILED ON THE PLANS AND SHALL COMPLY WITH S.C.D.O.T. STANDARD DRAWINGS, STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2007 EDITION, AND THE SUPPLEMENTAL SPECIFICATIONS, SILT FENCE AND OTHER EROSION CONTROL FEATURES SHALL BE IN PLACE PRIOR TO GROUND DISTURBING ACTIVITY BEGINS. EROSION CONTROL MEASURES SHALL BE IMPLEMENTED DURING ALL STAGES OF CONSTRUCTION.
- PERIMETER EROSION CONTROL DEVICES  
SILT FENCE AND SEDIMENT TUBES MAY BE PLACED AT LOCATIONS WHERE SEDIMENT LEAVES THE PROJECT LIMITS ESPECIALLY AT THE TOE OF HILL SLOPES THAT SLOPE AWAY FROM THE PROJECT. SILT FENCE SHALL NOT BE PLACED IN A POSITION SUCH THAT IT BLOCKS DRIVEWAYS OR POINTS OF ACCESS TO PROPERTY. SEDIMENT TUBES (STAKED) SHALL BE UTILIZED, IN LIEU OF SILT FENCE, WITHIN TWELVE (12) FEET OF A TREE TO BE RETAINED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF SEDIMENT TUBES THROUGHOUT THE EXTENT OF CONSTRUCTION.
- INTERIOR EROSION CONTROL DEVICES  
INLET PROTECTION SHOULD BE PLACED WHEN PRACTICAL, AROUND EXISTING AND NEW CATCH BASINS SO AS TO PREVENT SEDIMENT FROM ENTERING THE STORM SEWER SYSTEM. REFER TO THE PLAN SHEETS FOR PLACEMENT OF EROSION CONTROL MEASURES AND REFER TO THE SCDOT EROSION CONTROL STANDARD DRAWINGS FOR OTHER DETAILS ON OTHER EROSION CONTROL MEASURES.
- INSPECTION AND IMPLEMENTATION  
ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSPECTED ACCORDING TO THE REQUIREMENTS OF THE NPDES GENERAL CONSTRUCTION PERMIT. STABILIZATION MEASURES SHALL BE IMPLEMENTED AS SOON AS PRACTICABLE WITHIN THE ALLOWABLE TIMEFRAME STATED WITHIN THE NPDES GENERAL CONSTRUCTION PERMIT IN PORTIONS OF THE SITE WHERE ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL FINAL STABILIZATION HAS BEEN OBTAINED.
- MAINTENANCE OF DRIVEWAYS  
MAINTENANCE STONE HAS BEEN PROVIDED FOR MAINTAINING DRIVEWAYS THAT ARE DISTURBED BY CONSTRUCTION AND IN AREAS WHERE CONSTRUCTION TRAFFIC WILL ENTER A PAVED ROADWAY. MAINTENANCE STONE SHALL BE PLACED TO MINIMIZE THE TRACKING OF MUD/SOIL FROM CONSTRUCTION AND PUBLIC TRAFFIC ONTO PAVED ROADWAYS. STONE SHALL REMAIN IN PLACE UNTIL DRIVEWAYS ARE STABILIZED.
- SILT FENCE ALONG PIPE INSTALLATION  
IN AREAS OF PIPE INSTALLATION OUTSIDE OF THE CONSTRUCTION LIMITS SHOWN ON THE PLANS, USE SILT FENCE AS NEEDED TO MINIMIZE SOIL LOSS FROM THE PROJECT. IMMEDIATELY AFTER COMPLETION OF PIPE INSTALLATION, APPLY PERMANENT VEGETATION TO DISTURBED AREAS.

## CLEARING NOTES

- CLEARED AREAS TO BE COMPLETELY CLEARED IN ACCORDANCE WITH THE SPECIFICATIONS.
- NO CLEARING SHALL OCCUR WITHIN DESIGNATED BUFFER/TREE PROTECTION AREAS, OUTSIDE OF THE PROPERTY LINES OR BEYOND CLEARING LIMITS EXCEPT AS OTHERWISE SHOWN.
- THE CONTRACTOR SHALL INSTALL A CONTINUOUS LINE OF FLAGGING OR FENCING ALONG THE LIMITS OF CLEARING PRIOR TO ANY CONSTRUCTION WORK BEGINNING.
- CAUTION SHOULD BE TAKEN DURING CLEARING OPERATIONS TO AVOID FELLING TREES INTO THE DESIGNATED TREE PROTECTION ZONES. NO BURNING SHALL OCCUR WITHIN 50 FEET OF A TREE PROTECTION ZONE.
- NO MATERIALS STORAGE, EARTH STORAGE, GAS FUELING, CONCRETE WASHOUT, DUMPING, OR CONSTRUCTION TRAFFIC IS ALLOWED WITHIN THE TREE PROTECTION ZONES.
- SELECTIVE CLEARING AREAS SHALL BE CLEARED OF ALL BRUSH AND UNDERSTORY GROWTH. ALL TREES OVER 6" IN DIAMETER WILL BE RETAINED AND PROTECTED FROM DAMAGE, UNLESS APPROVED FOR REMOVAL BY THE OWNER OR ENGINEER.
- ALL TREES SHOWN ON THE PLANS TO REMAIN SHALL BE CONSIDERED SPECIMEN TREES AND SHALL BE PROTECTED EVEN IF LOCATED WITHIN CLEARING AREAS. PROTECTION WILL INCLUDE, BUT IS NOT LIMITED TO, THE MEASURES DESCRIBED IN NOTES 4 AND 5 ABOVE. AN AREA 1 1/2 TIMES THE DIAMETER OF THE TREE TRUNK MEASURED 4 FEET FROM EXISTING GRADE WILL BE CONSIDERED THE TREE PROTECTION ZONE FOR AN INDIVIDUAL TREE.
- WHEN TREE ROOTS ARE SEVERED OR EXPOSED DURING TRENCHING OR GRADING OPERATIONS, RE CUT CLEANLY WITH A SHARP SAW BELOW FINISHED GRADE.

## GENERAL SEQUENCE OF CONSTRUCTION

- RECEIVE NPDES COVERAGE FROM SC DHEC.
- CONDUCT PRE-CONSTRUCTION MEETING INCLUDING TOWN, ASSOCIATED CONTRACTORS, ENGINEER, SC DHEC, AND OTHER AFFECTED PARTIES AS NECESSARY.
- NOTIFY DHEC EOC REGIONAL OFFICE OR OCRM OFFICE 48 HOURS PRIOR TO BEGINNING LAND-DISTURBING ACTIVITIES.
- OBTAIN TREE PROTECTION APPROVAL LETTER AND COORDINATE PLACEMENT OF TREE PROTECTION FENCING WITH TOWN OF HILTON HEAD ISLAND NATURAL RESOURCES.
- INSTALL PERIMETER EROSION CONTROL MEASURES (SILT FENCE AND INLET PROTECTION). CLEAR ONLY AS NECESSARY TO INSTALL THESE DEVICES.
- CLEARING & GRUBBING OF SITE OR DEMOLITION (SEDIMENT + EROSION CONTROL MEASURES FOR THESE AREAS MUST ALREADY BE INSTALLED).
- PERFORM ROUGH GRADING OPERATIONS.
- INSTALL STORM DRAIN SYSTEM AND PLACEMENT OF INLET PROTECTION AS EACH INLET IS INSTALLED.
- PERFORM FINE GRADING AND PAVING OPERATIONS IN A MANNER AND SEQUENCE SO AS TO REDUCE UNNECESSARY DISTURBANCE OF SURFACE COVER.
- PERMANENTLY OR TEMPORARILY VEGETATE AREAS AS COMPLETED OR LEFT IDLE.
- EROSION CONTROL MEASURES SHALL BE PROPERLY MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED. THE CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
- ONCE PERMANENT VEGETATION AND EROSION CONTROL MEASURES ARE ESTABLISHED, THE CONTRACTOR SHALL SCHEDULE A FINAL INSPECTION IN ORDER TO OBTAIN A CERTIFICATE OF COMPLETION.
- SUBMIT NOTICE OF TERMINATION (NOT) TO DHEC AS APPROPRIATE.

## EROSION CONTROL NOTES

- ALL DISTURBED EARTH AREAS, NOT DESIGNATED TO BE PAVED, SHALL BE GRASSED USING FERTILIZER, MULCH, AND GRASS SEED OR SOD AS SHOWN ON THE PLAN. APPLY WATER AND MAINTAIN ACCORDING TO APPLICABLE PROVISIONS OF THE SCDOT'S "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION," LATEST EDITION.
  - ALL SOIL EROSION CONTROL FEATURES SHALL COMPLY WITH THE STATE MANUAL FOR SOIL EROSION AND SEDIMENTATION CONTROL AND SHALL BE MAINTAINED BY CONTRACTOR AND INSPECTED DAILY UNTIL DISTURBED AREAS ARE COMPLETELY STABILIZED.
  - REFER TO "SOUTH CAROLINA STORMWATER MANAGEMENT AND SEDIMENT CONTROL HANDBOOK FOR LAND DISTURBANCE ACTIVITIES" AND SCDOT'S "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION," LATEST EDITION FOR MINIMUM STANDARDS AND SPECIFICATIONS FOR DESIGN AND INSTALLATION OF EROSION AND SEDIMENT CONTROL DEVICES.
- IMMEDIATELY FOLLOWING ALL LAND DISTURBING ACTIVITIES THE CONTRACTOR SHALL SOW GRASS AS FOLLOWS:
  - PREPARATION: GRADE ALL SEED BEDS, THOROUGHLY REMOVING ALL RIDGES AND DEPRESSIONS AND MAKING AREAS INTO SMOOTH, CONTINUOUS, FIRM PLANES THAT ENSURE PROPER DRAINAGE. REMOVE ALL SOIL LUMPS, ROCKS, STICKS AND OTHER DELETERIOUS MATERIAL.
  - ALL DISTURBED OPEN EARTH AREAS NOT COVERED BY WALKS OR PAVING SHALL BE GRASSED AS FOLLOWS:
 

COMMON BERMUDA (HULLED)	30 LBS/ACRE
CARPET GRASS	35 LBS/ACRE
RESEEDING CRIMSON CLOVER	20 LBS/ACRE
ANNUAL RYEGRASS	15 LBS/ACRE
  - SEEDS SHALL BE PROPORTIONED ACCORDING TO RESPECTIVE APPLICATION RATES. RESEEDING CRIMSON CLOVER AND ANNUAL RYEGRASS SHALL BE ELIMINATED FROM THE MIX IF SEEDING OCCURS BETWEEN MARCH 1 AND AUGUST 15.
  - SEED SHALL BE APPLIED AS A HYDROMULCH OF FERTILIZER, MULCH AND GRASS SEED. IF A HYDROMULCH TECHNIQUE IS NOT USED, AFTER SOWING THE FERTILIZER AND SEED, THE ENTIRE AREA SHALL BE LIGHTLY RAKED OR DRAGGED TO COVER ALL SEED TO A MAXIMUM DEPTH OF APPROXIMATELY ONE-QUARTER INCH.
  - APPLY WATER AND MAINTAIN SEEDED AREA. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE SOUTH CAROLINA LAND RESOURCES CONSERVATION COMMISSION "EROSION AND SEDIMENT CONTROL PRACTICES FOR DEVELOPING AREAS".
  - FERTILIZING: APPLY 15-15 FERTILIZER AT THE RATE OF 10 POUNDS PER 1,000 SQUARE FEET RAKING LIGHTLY INTO THE SOIL.
  - MULCHING: WHEAT STRAW IS TO BE SPREAD LIGHTLY OVER SEEDED AREA AT THE RATE OF 1 BALE PER 500 SQUARE FEET.
  - WATERING: WATER IMMEDIATELY AFTER MULCHING.
- ALL SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND AFTER ANY STORM EVENT OF GREATER THAN 0.5 INCHES OF PRECIPITATION DURING ANY 24-HOUR PERIOD. ALL SEDIMENT CONTROL FEATURES SHALL BE MAINTAINED UNTIL FINAL STABILIZATION HAS BEEN OBTAINED.
- STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED, UNLESS ACTIVITY IN THAT PORTION OF THE SITE WILL RESUME WITHIN 21 DAYS.
- COPIES OF THE SCDHECOCRM APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON THE SITE WHENEVER LAND DISTURBANCE ACTIVITY IS IN PROGRESS.
- ALL CONSTRUCTION ACTIVITIES MUST COMPLY WITH THE NPDES GENERAL PERMIT SCR100000. THE CONTRACTOR SHALL BE RESPONSIBLE FOR STRICT COMPLIANCE WITH PERMIT SCR100000.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING WRITTEN WEEKLY INSPECTION REPORTS, AS MAY BE REQUIRED BY SCDHECOCRM NPDES GENERAL PERMIT SCR100000.
- THE CONTRACTOR WILL GRASS ALL DISTURBED AREAS NOT PAVED AS PER THE SEEDING SCHEDULE OR SC DHECOCRM REQUIREMENTS.
- THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ON THE PAVED ROADWAY FROM CONSTRUCTION AREAS. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT AS MAY BE REQUIRED.

## APPLICABLE SCDOT STANDARD DRAWINGS

100-105-00	SYMBOLS AND ABBREVIATIONS (ROAD)
100-110-00	SYMBOLS AND ABBREVIATIONS (UTILITY)
601-110-00	MATERIALS STORAGE PRIMARY & SECONDARY RURAL ROADWAYS
601-115-00	MATERIALS STORAGE PRIMARY & SECONDARY URBAN ROADWAYS
601-205-01	PROTECTION OF EXCAVATIONS ADJACENT TO ROADWAY
610-005-00	FLAGGING OPERATION TWO-LANE TWO-WAY PRIMARY & SECONDARY ROUTES
610-010-00	LANE CLOSURE DAYTIME - URBAN LOW SPEED <= 35 MPH
610-020-00	DUAL LANE CLOSURE - URBAN LOW SPEED <= 35 MPH
610-025-00	LANE CLOSURE DAYTIME - MULTILANE PRIMARY ROUTES
610-205-00	RIGHT SHOULDER CLOSURE (CASE I/ CASE II) PRIMARY ROUTES
610-210-00	LEFT SHOULDER CLOSURE (CASE I/ CASE I) PRIMARY ROUTES
610-215-00	LEFT SHOULDER CLOSURE (CASE I/ CASE II) PRIMARY ROUTES
625-305-00	STANDARD MARKINGS FOR INTERSECTIONS
625-310-00	TYPICAL MARKINGS FOR TURN LANE INSTALLATIONS
630-105-00	PAVEMENT MARKING TYPICAL RAISED MARKER PLACEMENT & DETAIL
630-205-00	PAVEMENT MARKING TYPICAL LINE PATTERNS AND RAISED MARKER PLACEMENT
630-210-00	PAVEMENT MARKING TYPICAL MULTILANE ROADS - RAISED MARKER PLACEMENT
719-105-02	DROP INLET (24"x24") INLET ADAPTER
719-605-00	END TREATMENT (STRAIGHT HEADWALL FOR CIRCULAR PIPE)
719-610-00	END TREATMENT (RCP BEVELED END)
720-105-01	CURB & GUTTER (CONCRETE)
720-105-02	CURB & GUTTER (CONCRETE) TRANSITION CURB
720-905-02	DETECTABLE WARNINGS GENERAL LAYOUT
720-905-01	DETECTABLE WARNINGS DETAILS
720-910-01	DETECTABLE WARNINGS TYPE 1 INSTALLATION
720-910-02	DETECTABLE WARNINGS TYPE 2 INSTALLATION
720-910-03	DETECTABLE WARNINGS TYPE 3 INSTALLATION
804-310-00	RIPRAP (PIPE & DITCH LINING)
815-105-00	DITCH CHECK
815-605-00	TEMPORARY EROSION & SEDIMENTATION CONTROL

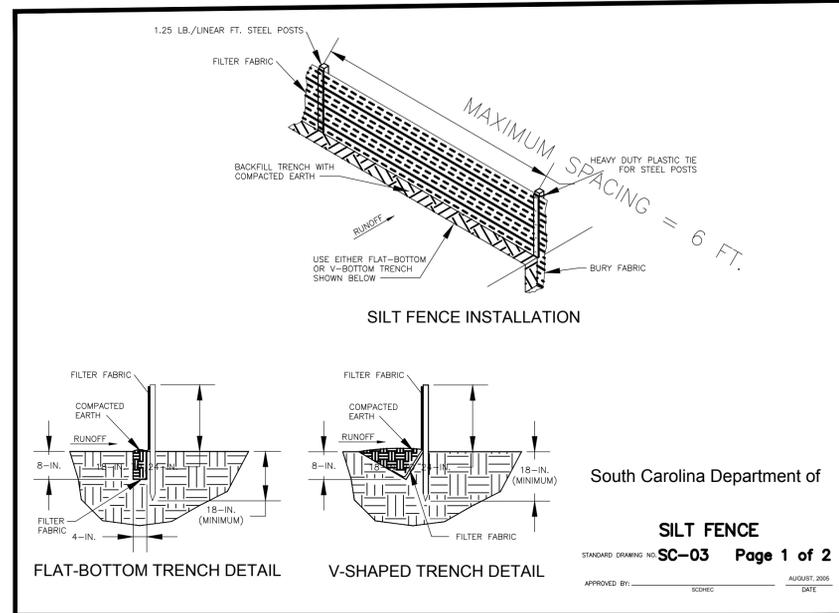
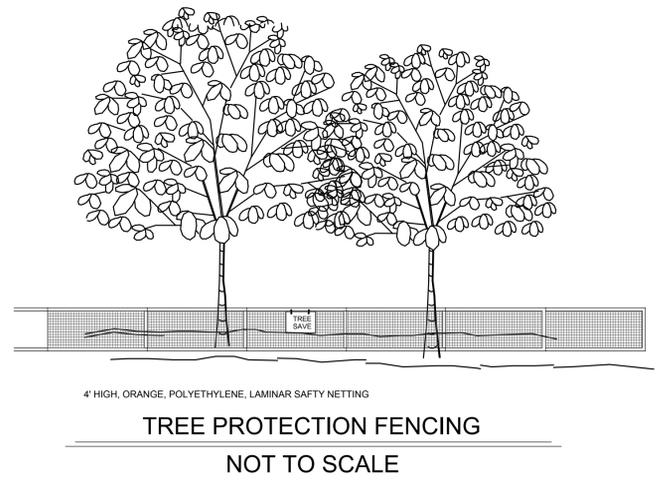
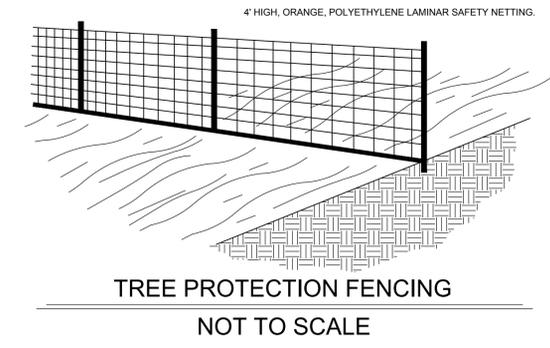
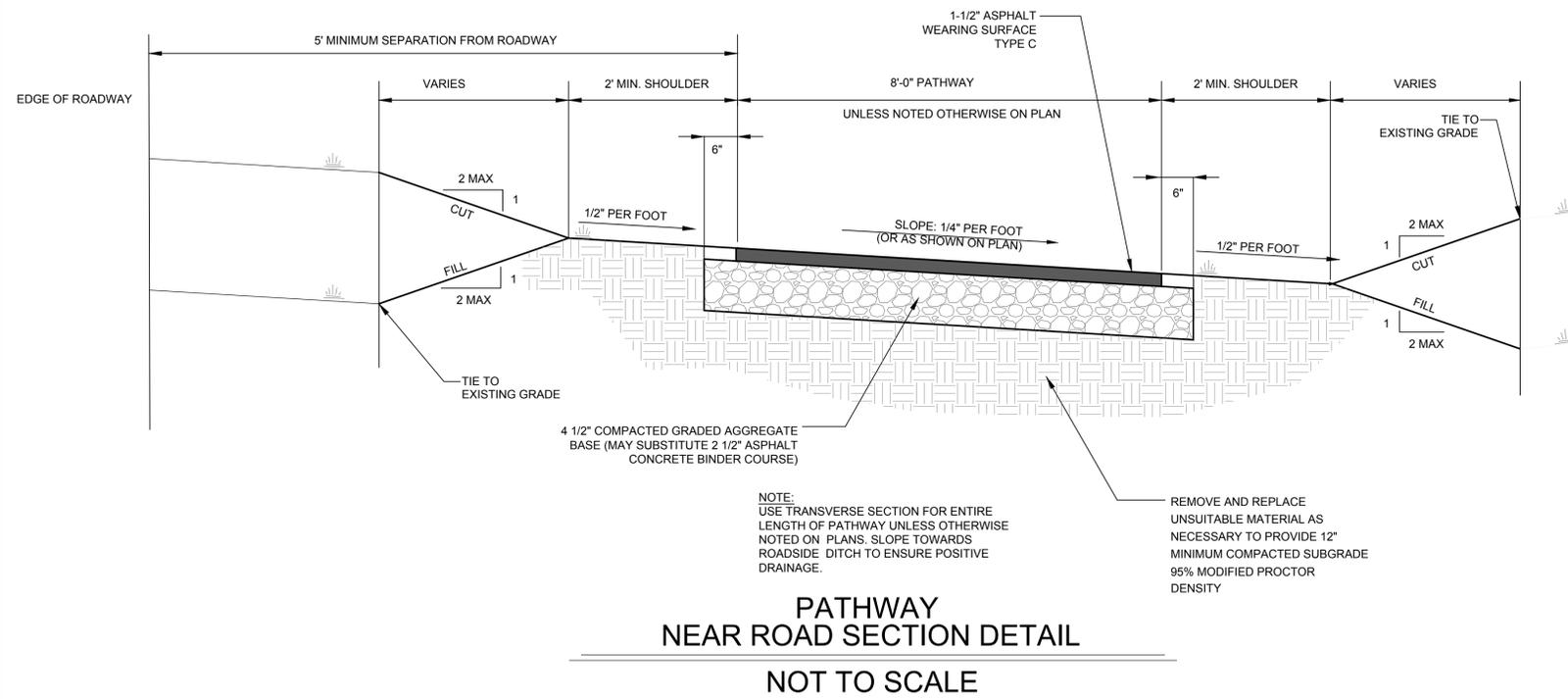
## EXISTING SURVEY LEGEND

SYMBOL	ABBREV.	DESCRIPTION	SYMBOL	ABBREV.	DESCRIPTION
	B/M	SURVEY BENCHMARK		TBX	TELEPHONE BOX
	RW/MON	RIGHT-OF-WAY MONUMENT		TPED	TELEPHONE PEDESTAL
	COMMON	CONCRETE MONUMENT		GAS	POINT ON GAS LINE
	EIP	EXIST. IRON PIN		FH	FIRE HYDRANT
	CB	EXIST. CATCH BASIN		WP	WITNESS POST
	DI	EXISTING DITCH INLET		WM	WATER/GAS METER
	JB	EXIST. JUNCTION BOX		WV	WATER/GAS VALVE
	MH/SMH	MAN-HOLE/SEWER MAN-HOLE		WWW	WATER MONITORING WELL
	GP	GUY POLE		CATV	CABLE TELEVISION BOX
	GUY	GUY WIRE		—	SHRUB
	MSP	METER/SERVICE POLE		MB	MAILBOX
	PP	POWER POLE		FLG	FLAGPOLE
	EPED	ELECTRIC PEDESTAL		AC	AIR CONDITIONING UNIT
	ETB	ELECTRIC TRANSFORMER BOX		SIGN	SIGN
	LP	LIGHT POLE		COL	COLUMN
	FLT	FLOOD LIGHT		FC	FILL CAP
	TP	TELEPHONE POLE		VAC	VACUUM (COMMERCIAL)

WATER LINE	—	w	—	w	—
ELECTRIC WIRE (UNDERGROUND)	—	UGE	—	UGE	—
ELECTRIC WIRE (OVERHEAD)	—	OHE	—	OHE	—
TELEPHONE LINE (UNDERGROUND)	—	UGT	—	UGT	—
TELEVISION LINE (UNDERGROUND)	—	CTV	—	CTV	—
FIBER OPTIC CABLE LINE	—	FO	—	FO	—
GAS LINE	—	G	—	G	—
SANITARY SEWER LINE	—	SS	—	SS	—
EXISTING PROPERTY LINE	—	—	—	—	—
FENCE LINE	—	—	—	—	—
STORM SEWER	—	—	—	—	—

## PROPOSED IMPROVEMENTS LEGEND

--



**SILT FENCE DETAIL**

When and Where to Use It  
Silt fence is applicable in areas:  
Where the maximum sheet or overland flow path length to the fence is 100-feet.  
Where the maximum slope steepness (normal [perpendicular] to fence line) is 2H:1V.  
That do not receive concentrated flows greater than 0.5 cfs.

Do not place silt fence across channels or use it as a velocity control BMP.

Material:

**Steel Posts**  
Use 48-inch long steel posts that meet the following minimum physical requirements:  
Composed of high strength steel with minimum yield strength of 50,000 psi.  
Have a standard "T" section with a nominal face width of 1.38-inches and nominal "T" length of 1.48-inches.  
Weigh 1.25 pounds per foot (± 8%).  
Have a soil stabilization plate with a minimum cross section area of 17-square inches attached to the steel posts.  
Painted with a water based baked enamel paint.

Use steel posts with a minimum length of 4-feet, weighing 1.25 pounds per linear foot (± 8%) with projections to aid in fastening the fabric. Except when heavy clay soils are present on site, steel posts will have a metal soil stabilization plate welded near the bottom such that when the post is driven to the proper depth, the plate will be below the ground level for added stability.  
The soil plates should have the following characteristics:  
Be composed of minimum 15 gauge steel.  
Have a minimum cross section area of 17-square inches.

Geotextile Filter Fabric  
Filter fabric is:  
Composed of fibers consisting of long chain synthetic polymers composed of at least 85% by weight of polyolefins, polyesters, or polyamides. Formed into a network such that the filaments or yarns retain dimensional stability relative to each other. Free of any treatment or coating which might adversely alter its physical properties after installation. Free of defects or flaws that significantly affect its physical and/or filtering properties. Cut to a minimum width of 36 inches.

Use only fabric appearing on SCDOT Approval Sheet #34 meeting the requirements of the most current edition of the SCDOT Standard Specifications for Highway Construction.

South Carolina Department of  
Health and Environmental Control  
**SILT FENCE**  
STANDARD DRAWING NO. SC-03 Page 2 of 3  
APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

**SILT FENCE DETAIL**

Installation  
Excavate a trench approximately 6-inches wide and 6-inches deep when placing fabric by hand. Place 12-inches of geotextile fabric into the 6-inch deep trench, extending the remaining 6-inches towards the upslope side of the trench. Backfill the trench with soil or gravel and compact. Bury 12-inches of fabric into the ground when pneumatically installing silt fence with a slicing method. Purchase fabric in continuous rolls and cut to the length of the barrier to avoid joints. When joints are necessary, wrapped the fabric together at a support post with both ends fastened to the post, with a 6-inch minimum overlap. Install posts to a minimum depth of 24-inches. Install posts a minimum of 1- to 2- inches above the fabric, with no more than 3-feet of the post above the ground. Space posts to maximum 6-foot centers. Attach fabric to wood posts using staples made of heavy-duty wire at least 1 1/2-inch long, spaced a maximum of 6-inches apart. Staple a 2-inch wide lathe over the filter fabric to securely fasten it to the upslope side of wooden posts. Attach fabric to the steel posts using heavy-duty plastic ties that are evenly spaced and placed in a manner to prevent sagging or tearing of the fabric. In call cases, ties should be affixed in no less than 4 places. Install the fabric a minimum of 24-inches above the ground. When necessary, the height of the fence above ground may be greater than 24-inches. In tidal areas, extra silt fence height may be required. The post height will be twice the exposed post height. Post spacing will remain the same and extra height fabric will be 4-, 5-, or 6-feet tall. Locate silt fence checks every 100 feet maximum and at low points. Install the fence perpendicular to the direction of flow and place the fence the proper distance from the toe of steep slopes to provide sediment storage and access for maintenance and cleanout.

Inspection and Maintenance  
Inspect every seven calendar days and within 24-hours after each rainfall event that produces 1/2-inches or more of precipitation. Check for sediment buildup and fence integrity. Check where runoff has eroded a channel beneath the fence, or where the fence has sagged or collapsed by fence overtopping. If the fence fabric tears, begins to decompose, or in any way becomes ineffective, replace the section of fence immediately. Remove sediment accumulated along the fence when it reaches 1/3 the height of the fence, especially if heavy rains are expected. Remove trapped sediment from the site or stabilize it on site. Remove silt fence within 30 days after final stabilization is achieved or after temporary best management practices (BMPs) are no longer needed. Permanently stabilize disturbed areas resulting from fence removal.

South Carolina Department of  
Health and Environmental Control  
**SILT FENCE**  
STANDARD DRAWING NO. SC-03 Page 3 of 3  
APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

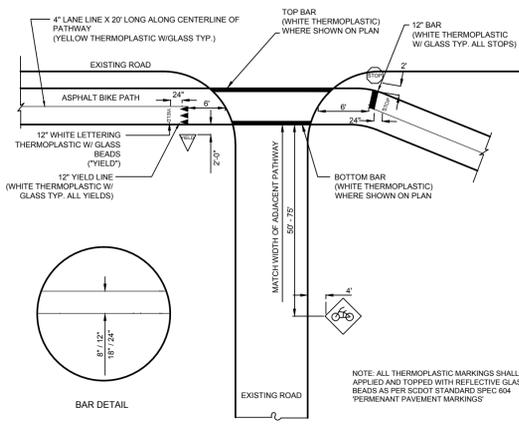
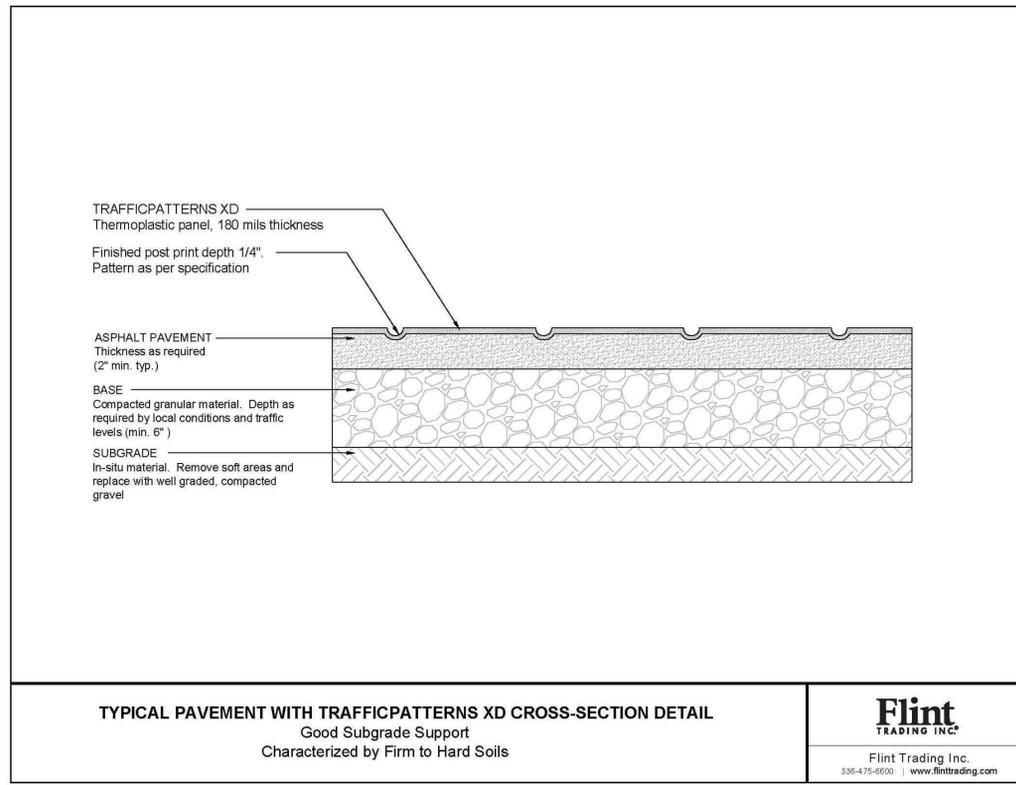
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REVISIONS	

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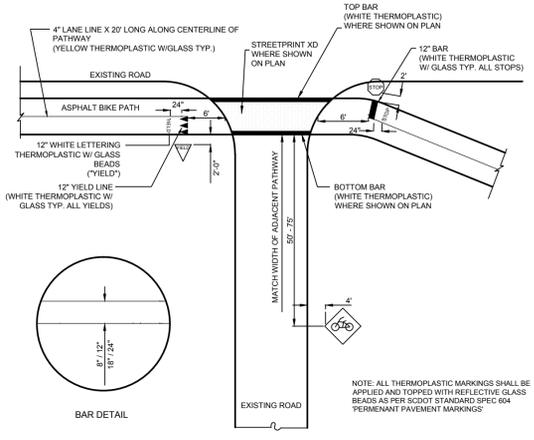


**CONSTRUCTION DETAILS**

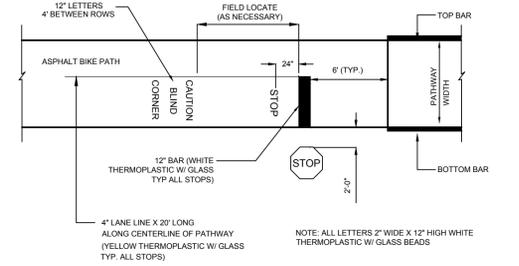
**SHEET**  
**3**



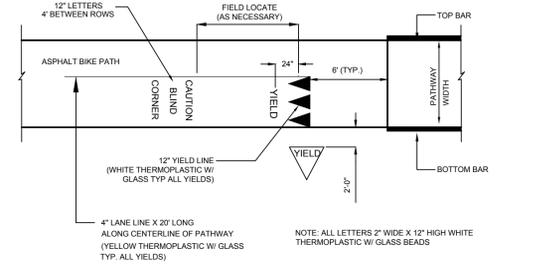
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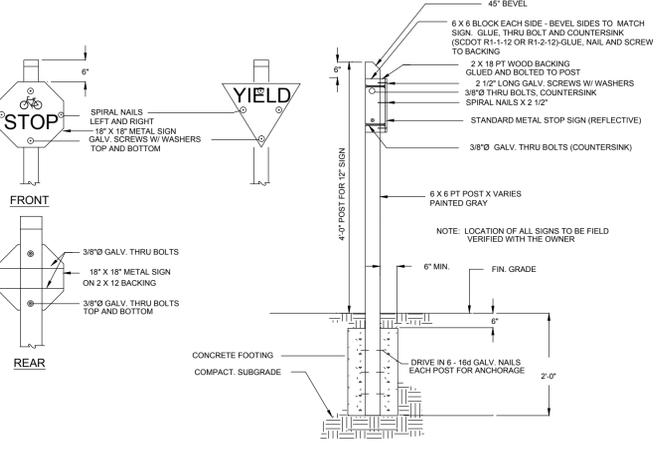
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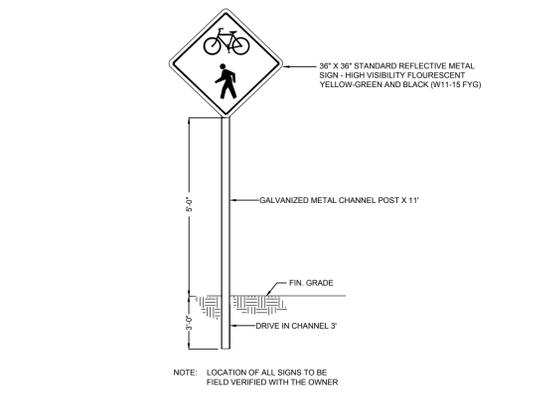
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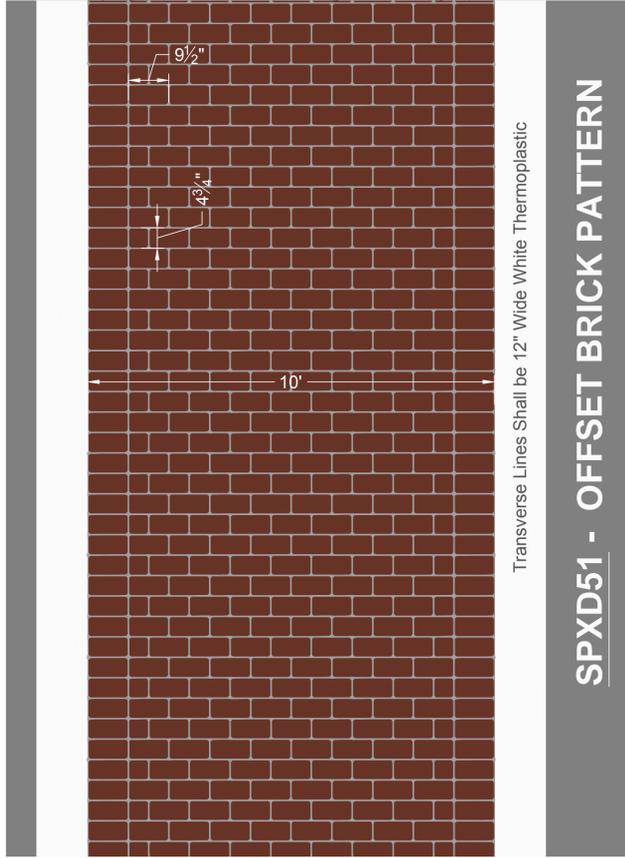
SIGNAGE - YIELD GRAPHIC DETAIL  
NOT TO SCALE



SIGNAGE - STOP/YIELD 18"  
NOT TO SCALE



SIGNAGE - VEHICULAR TRAFFIC WARNING SIGN  
NOT TO SCALE



SPXD51 - OFFSET BRICK PATTERN

Last Revision: Jan 2010

AVAILABLE CROSSWALK WIDTHS				
inches	feet	ft	inch	meters
72.000	6.00	6	0 in	1.83 m
86.400	7.20	7	2 in	2.19 m
96.000	8.00	8	0 in	2.44 m
110.400	9.20	9	2 in	2.80 m
120.000	10.00	10	0 in	3.05 m
134.400	11.20	11	2 in	3.41 m
144.000	12.00	12	0 in	3.66 m
168.000	14.00	14	0 in	4.27 m
192.000	16.00	16	0 in	4.88 m
216.000	18.00	18	0 in	5.49 m
240.000	20.00	20	0 in	6.10 m

NOTE: Widths measure inside to inside of transverse lines



DESCRIPTION	DATE
REVISIONS	

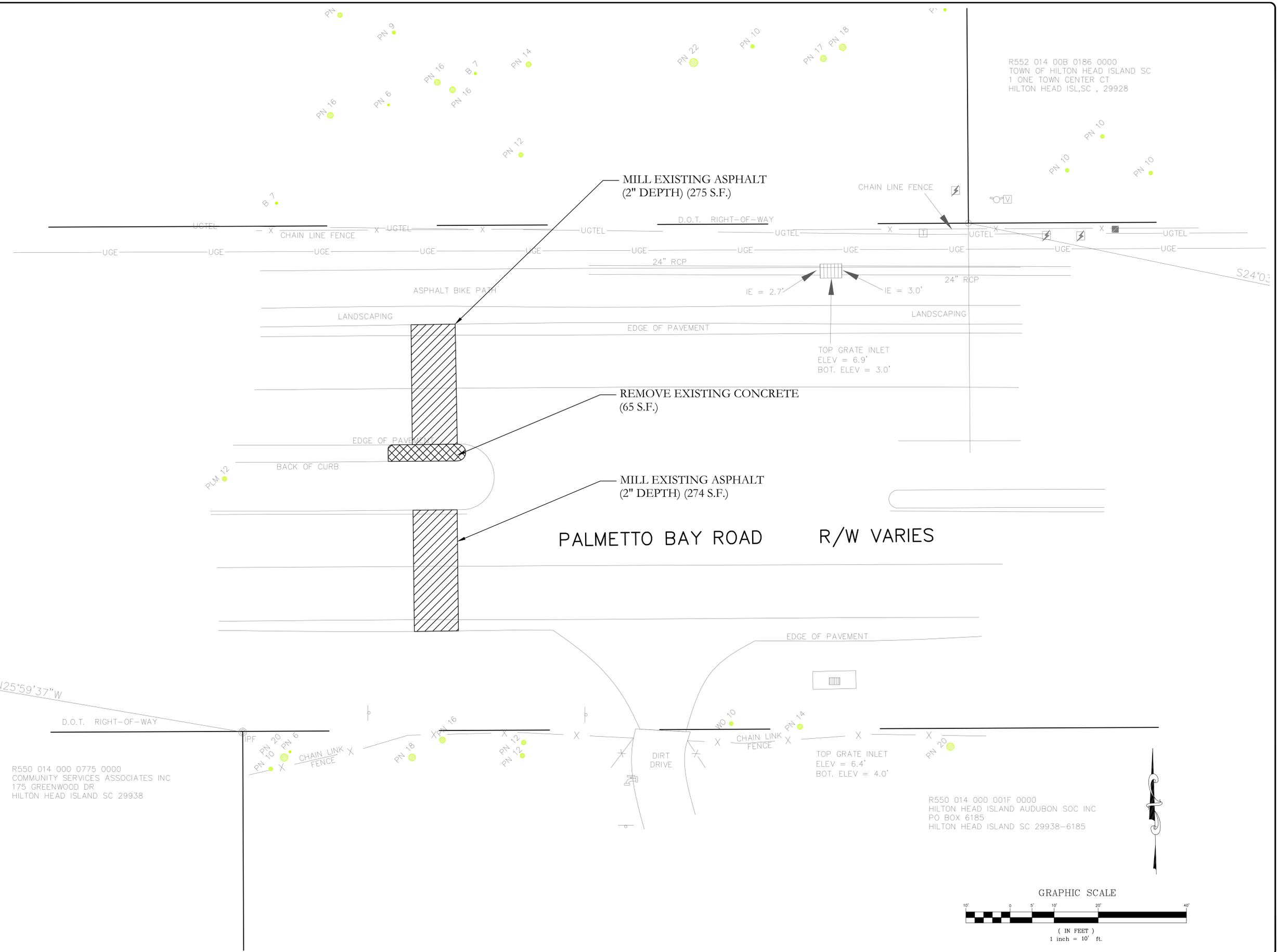
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CONSTRUCTION DETAILS

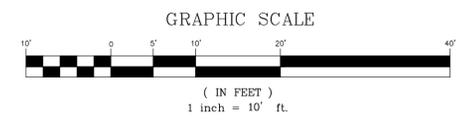
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 TOWN OF HILTON HEAD ISLAND SC  
 1 ONE TOWN CENTER CT  
 HILTON HEAD ISL, SC , 29928



R550 014 000 0775 0000  
 COMMUNITY SERVICES ASSOCIATES INC  
 175 GREENWOOD DR  
 HILTON HEAD ISLAND SC 29938

R550 014 000 001F 0000  
 HILTON HEAD ISLAND AUDUBON SOC INC  
 PO BOX 6185  
 HILTON HEAD ISLAND SC 29938-6185



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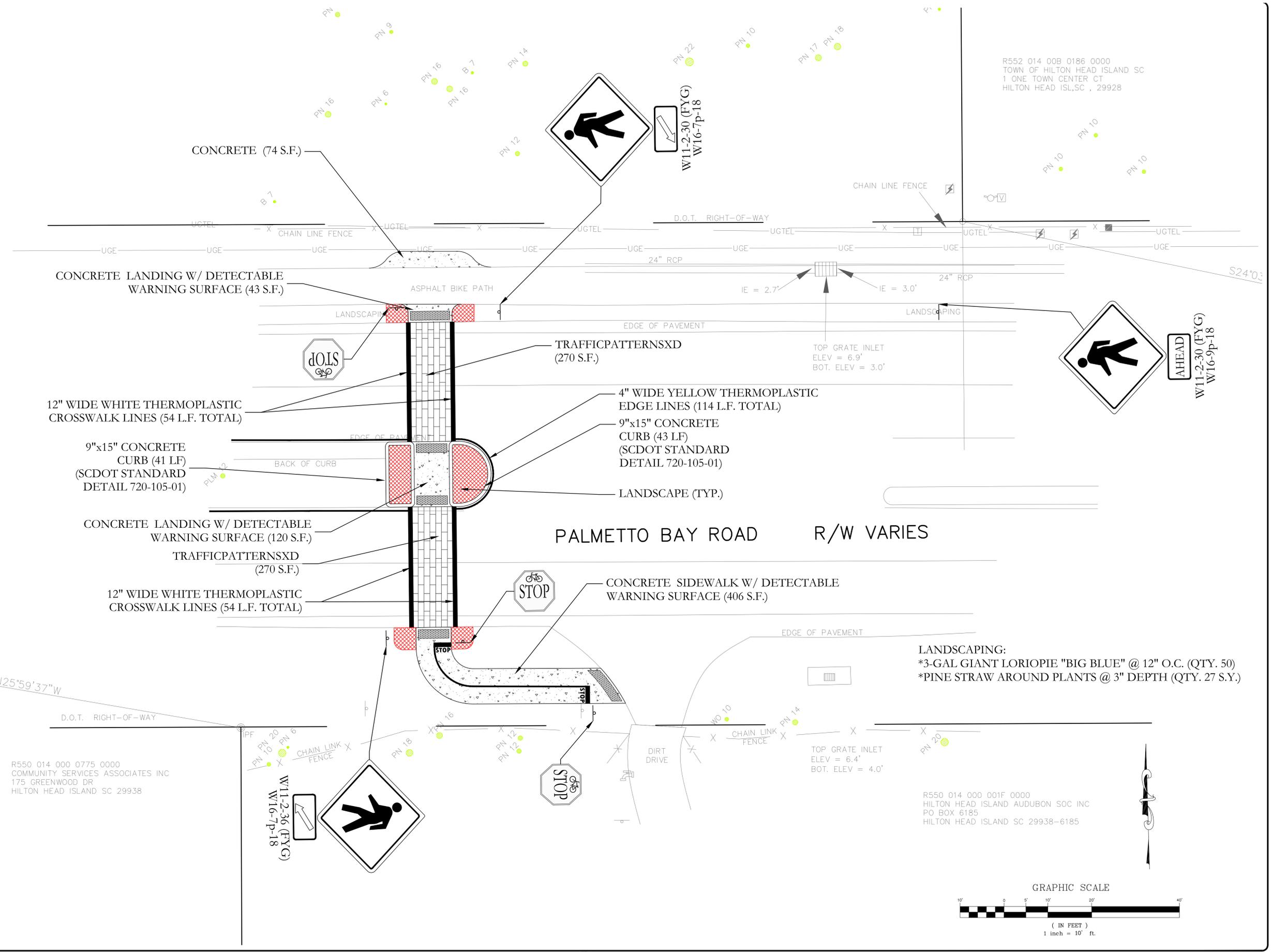


**TOWN OF HILTON HEAD ISLAND**  
**PALMETTO BAY ROAD AT**  
**AUDUBON PRESERVE**

**DEMOLITION PLAN**

**SHEET**  
**5**

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TOWN OF HILTON HEAD ISLAND SC  
1 ONE TOWN CENTER CT  
HILTON HEAD ISL, SC , 29928



CONCRETE (74 S.F.)

CONCRETE LANDING W/ DETECTABLE WARNING SURFACE (43 S.F.)

12" WIDE WHITE THERMOPLASTIC CROSSWALK LINES (54 L.F. TOTAL)

9"x15" CONCRETE CURB (41 LF) (SCDOT STANDARD DETAIL 720-105-01)

CONCRETE LANDING W/ DETECTABLE WARNING SURFACE (120 S.F.)

TRAFFIC PATTERNS XD (270 S.F.)

12" WIDE WHITE THERMOPLASTIC CROSSWALK LINES (54 L.F. TOTAL)

TRAFFIC PATTERNS XD (270 S.F.)

4" WIDE YELLOW THERMOPLASTIC EDGE LINES (114 L.F. TOTAL)

9"x15" CONCRETE CURB (43 LF) (SCDOT STANDARD DETAIL 720-105-01)

LANDSCAPE (TYP.)

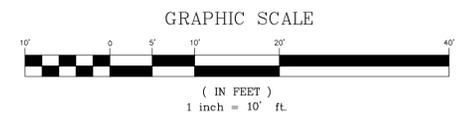
PALMETTO BAY ROAD R/W VARIES

CONCRETE SIDEWALK W/ DETECTABLE WARNING SURFACE (406 S.F.)

LANDSCAPING:  
\*3-GAL GIANT LORIOPIE "BIG BLUE" @ 12" O.C. (QTY. 50)  
\*PINE STRAW AROUND PLANTS @ 3" DEPTH (QTY. 27 S.Y.)

R550 014 000 0775 0000  
COMMUNITY SERVICES ASSOCIATES INC  
175 GREENWOOD DR  
HILTON HEAD ISLAND SC 29938

R550 014 000 001F 0000  
HILTON HEAD ISLAND AUDUBON SOC INC  
PO BOX 6185  
HILTON HEAD ISLAND SC 29938-6185



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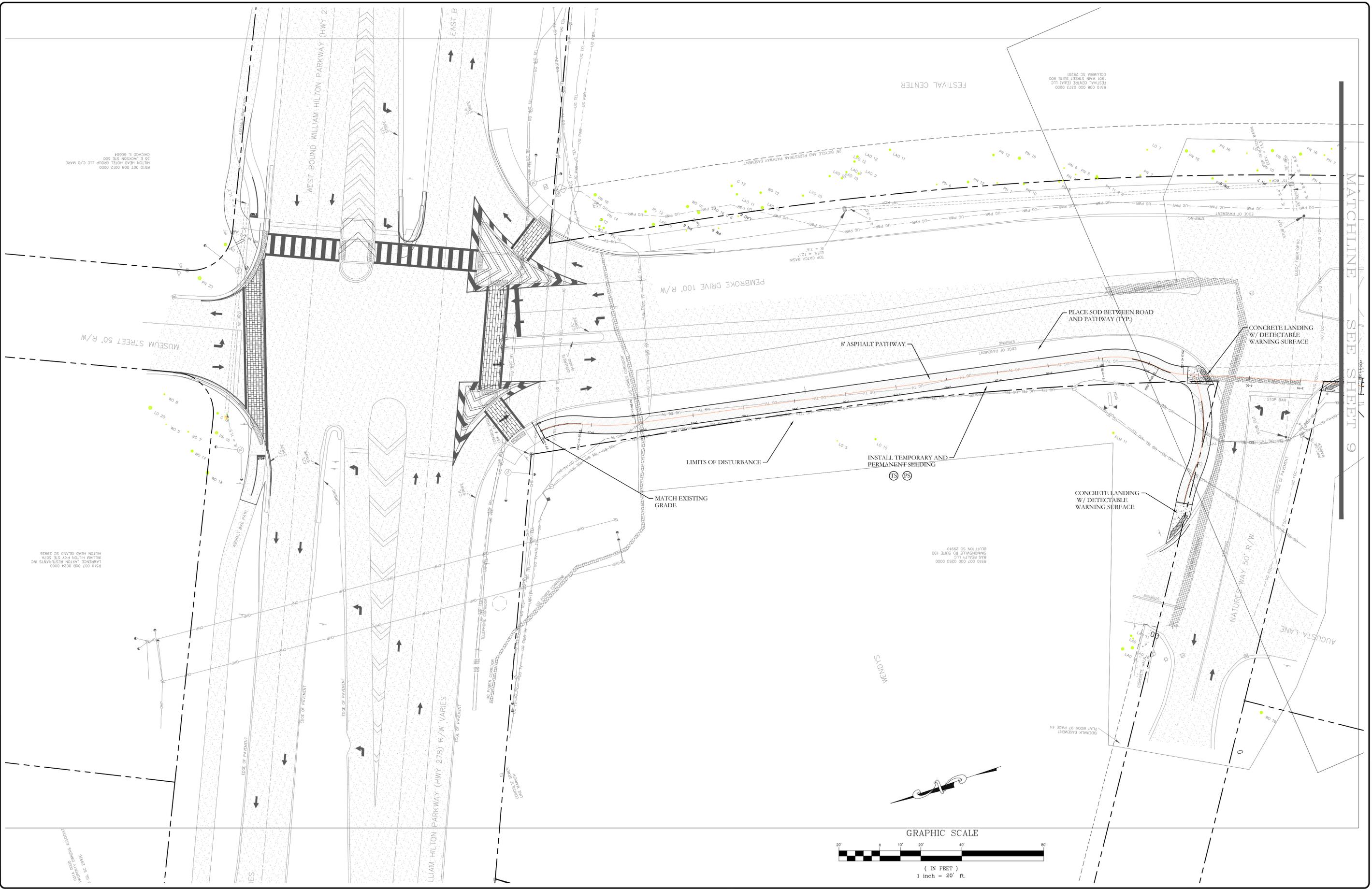
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**TOWN OF HILTON HEAD ISLAND**  
**PALMETTO BAY ROAD AT**  
**AUDUBON PRESERVE**

**SITE PLAN**

**SHEET 6**



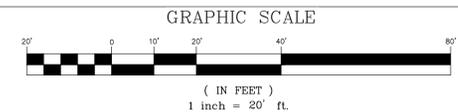
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HILTON HEAD HOTEL GROUP LLC C/O MARC  
55 E JACKSON SITE 500  
CHICAGO IL 60604

RS10 007 008 0024 0000  
LANARKS LARKIN RESTAURANTS INC  
WILLIAM HILTON PKY SITE 507A  
HILTON HEAD ISLAND SC 29928

RS10 007 008 0023 0000  
BAS REALTY LLC  
SHAWNSVILLE RD SUITE 100  
BLIFTON SC 29910

PLAT BOOK 97 PAGE 44  
SODWALK EASEMENT



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**TOWN OF HILTON HEAD ISLAND**  
 Dept. of Public Projects & Facilities  
 Engineering Division

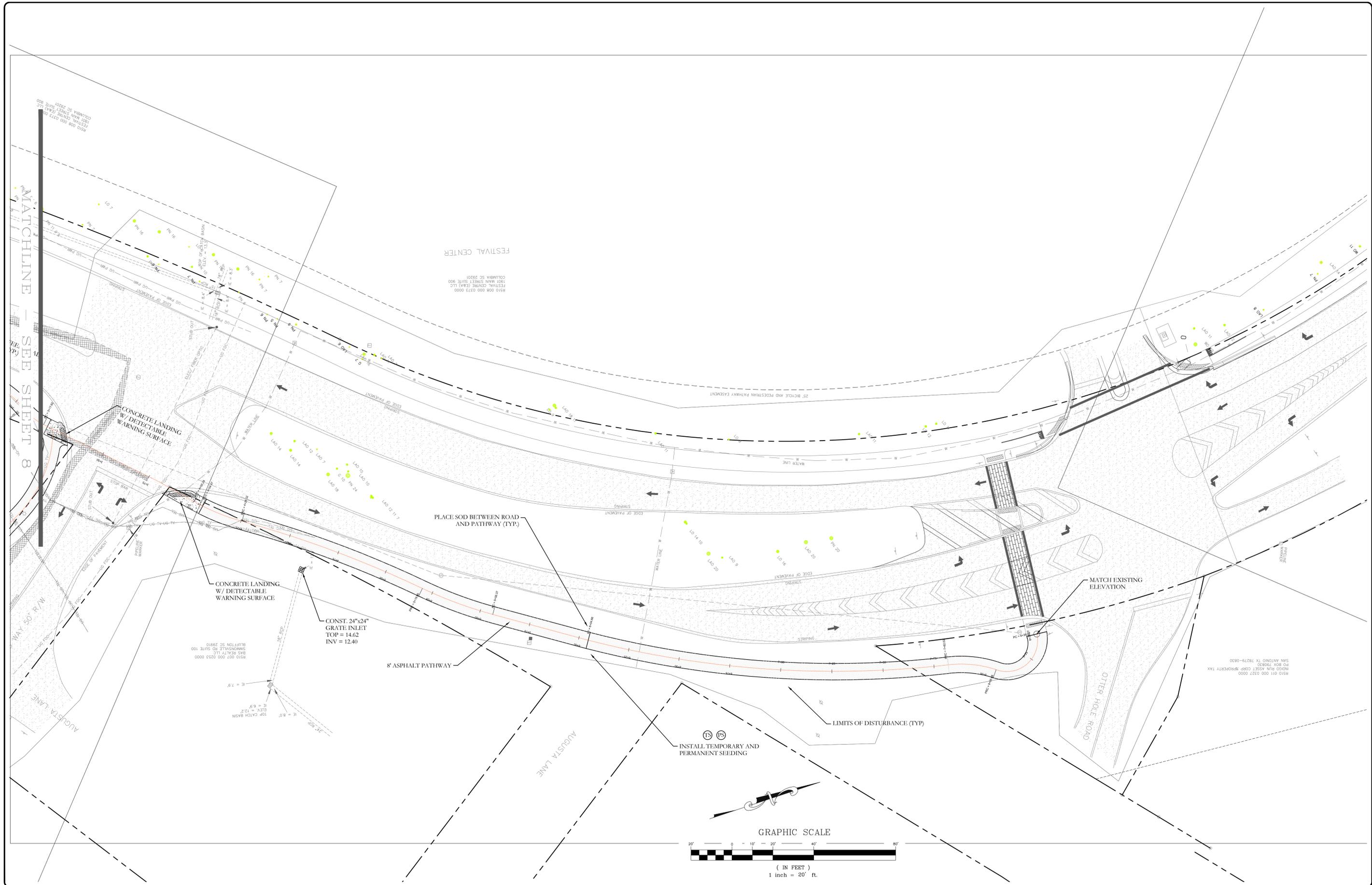
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**TOWN OF HILTON HEAD ISLAND**  
**PATHWAY CONNECTIVITY**  
**PEMBROKE DRIVE @ NATURE'S WAY**

**SITE PLAN**

**SHEET**  
**7**



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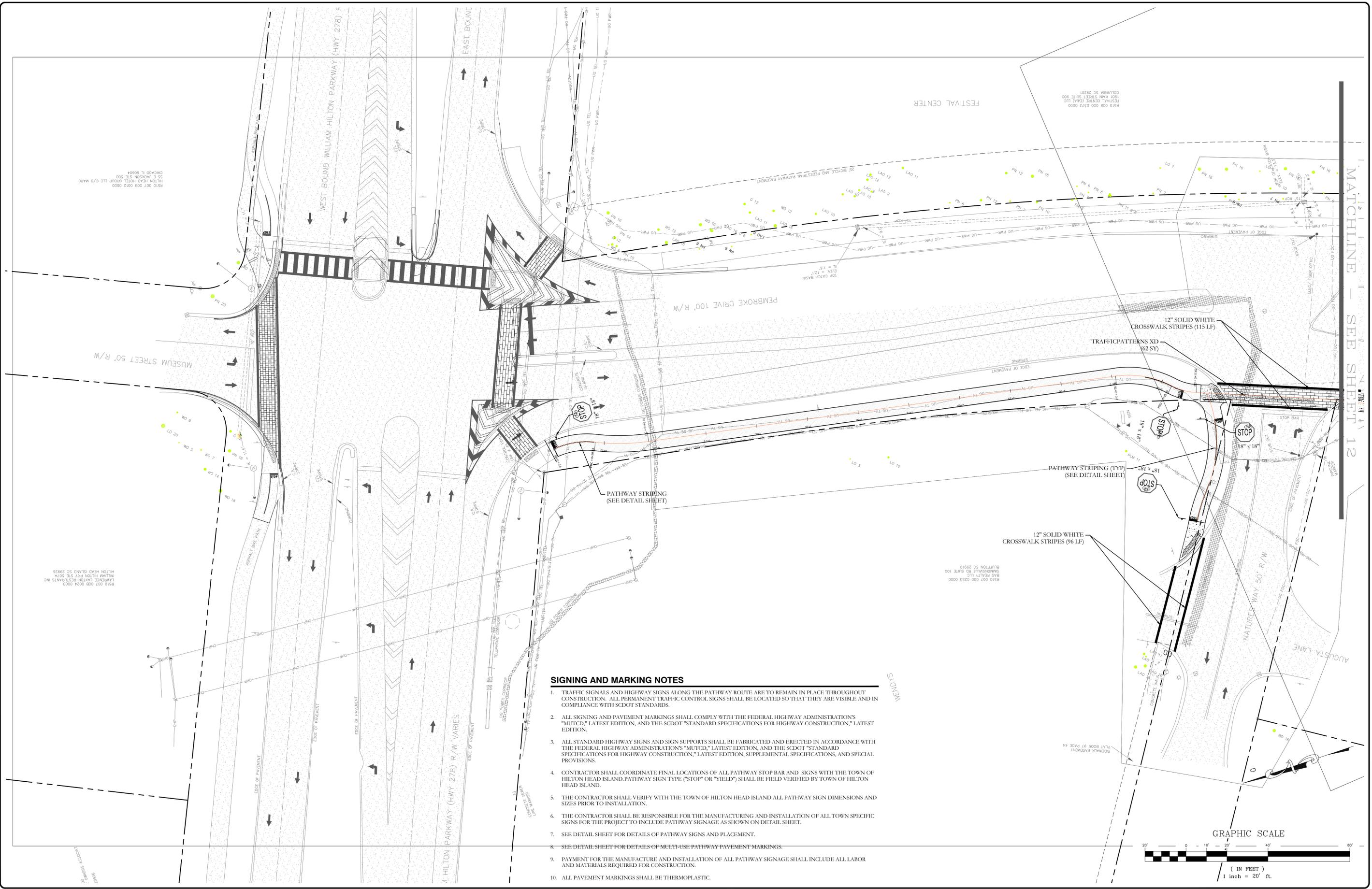
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**TOWN OF HILTON HEAD ISLAND**  
**PATHWAY CONNECTIVITY**  
**PEMBROKE DRIVE @ NATURE'S WAY**

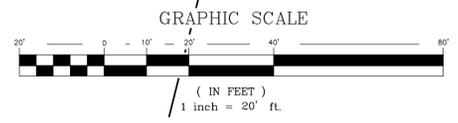
**SITE PLAN**

**SHEET 8**



**SIGNING AND MARKING NOTES**

1. TRAFFIC SIGNALS AND HIGHWAY SIGNS ALONG THE PATHWAY ROUTE ARE TO REMAIN IN PLACE THROUGHOUT CONSTRUCTION. ALL PERMANENT TRAFFIC CONTROL SIGNS SHALL BE LOCATED SO THAT THEY ARE VISIBLE AND IN COMPLIANCE WITH SCDOT STANDARDS.
2. ALL SIGNING AND PAVEMENT MARKINGS SHALL COMPLY WITH THE FEDERAL HIGHWAY ADMINISTRATION'S "MUTCD," LATEST EDITION, AND THE SCDOT "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION," LATEST EDITION.
3. ALL STANDARD HIGHWAY SIGNS AND SIGN SUPPORTS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION'S "MUTCD," LATEST EDITION, AND THE SCDOT "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION," LATEST EDITION, SUPPLEMENTAL SPECIFICATIONS, AND SPECIAL PROVISIONS.
4. CONTRACTOR SHALL COORDINATE FINAL LOCATIONS OF ALL PATHWAY STOP BAR AND SIGNS WITH THE TOWN OF HILTON HEAD ISLAND. PATHWAY SIGN TYPE ("STOP" OR "YIELD") SHALL BE FIELD VERIFIED BY TOWN OF HILTON HEAD ISLAND.
5. THE CONTRACTOR SHALL VERIFY WITH THE TOWN OF HILTON HEAD ISLAND ALL PATHWAY SIGN DIMENSIONS AND SIZES PRIOR TO INSTALLATION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MANUFACTURING AND INSTALLATION OF ALL TOWN SPECIFIC SIGNS FOR THE PROJECT TO INCLUDE PATHWAY SIGNAGE AS SHOWN ON DETAIL SHEET.
7. SEE DETAIL SHEET FOR DETAILS OF PATHWAY SIGNS AND PLACEMENT.
8. SEE DETAIL SHEET FOR DETAILS OF MULTI-USE PATHWAY PAVEMENT MARKINGS.
9. PAYMENT FOR THE MANUFACTURE AND INSTALLATION OF ALL PATHWAY SIGNAGE SHALL INCLUDE ALL LABOR AND MATERIALS REQUIRED FOR CONSTRUCTION.
10. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.



REV. NO.	DESCRIPTION	DATE

<b>TOWN OF HILTON HEAD ISLAND</b> Dept. of Public Projects & Facilities Engineering Division		RELEASED FOR	DATE
		APPROVALS	
		RECORDING	

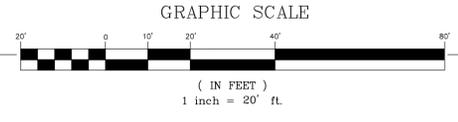
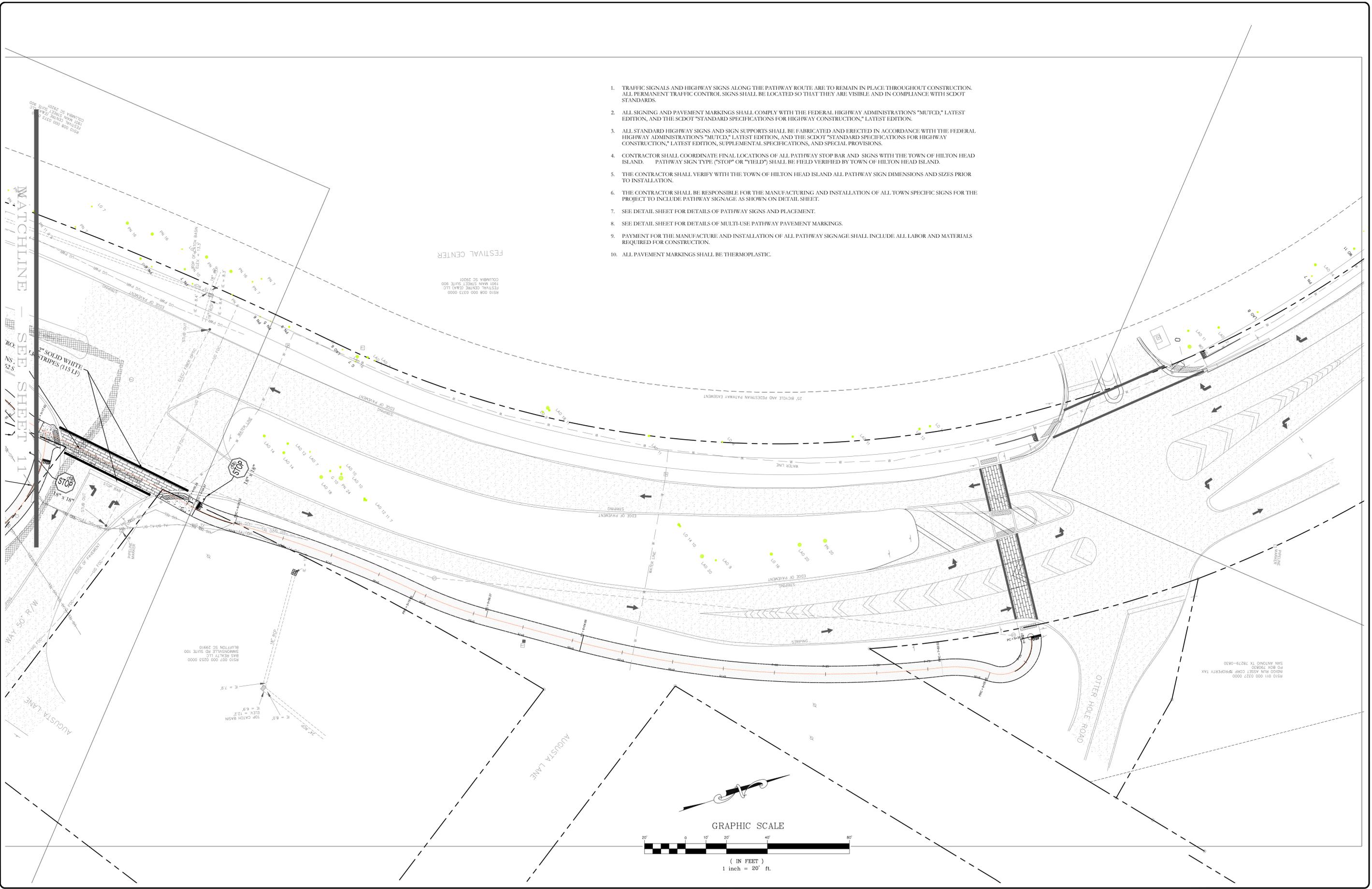


**TOWN OF HILTON HEAD ISLAND**  
**PATHWAY CONNECTIVITY**  
**PEMBROKE DRIVE @ NATURE'S WAY**

**SIGNAGE AND MARKING PLAN**

**SHEET 9**

1. TRAFFIC SIGNALS AND HIGHWAY SIGNS ALONG THE PATHWAY ROUTE ARE TO REMAIN IN PLACE THROUGHOUT CONSTRUCTION. ALL PERMANENT TRAFFIC CONTROL SIGNS SHALL BE LOCATED SO THAT THEY ARE VISIBLE AND IN COMPLIANCE WITH SCDOT STANDARDS.
2. ALL SIGNING AND PAVEMENT MARKINGS SHALL COMPLY WITH THE FEDERAL HIGHWAY ADMINISTRATION'S "MUTCD," LATEST EDITION, AND THE SCDOT "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION," LATEST EDITION.
3. ALL STANDARD HIGHWAY SIGNS AND SIGN SUPPORTS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION'S "MUTCD," LATEST EDITION, AND THE SCDOT "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION," LATEST EDITION, SUPPLEMENTAL SPECIFICATIONS, AND SPECIAL PROVISIONS.
4. CONTRACTOR SHALL COORDINATE FINAL LOCATIONS OF ALL PATHWAY STOP BAR AND SIGNS WITH THE TOWN OF HILTON HEAD ISLAND. PATHWAY SIGN TYPE ("STOP" OR "YIELD") SHALL BE FIELD VERIFIED BY TOWN OF HILTON HEAD ISLAND.
5. THE CONTRACTOR SHALL VERIFY WITH THE TOWN OF HILTON HEAD ISLAND ALL PATHWAY SIGN DIMENSIONS AND SIZES PRIOR TO INSTALLATION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MANUFACTURING AND INSTALLATION OF ALL TOWN SPECIFIC SIGNS FOR THE PROJECT TO INCLUDE PATHWAY SIGNAGE AS SHOWN ON DETAIL SHEET.
7. SEE DETAIL SHEET FOR DETAILS OF PATHWAY SIGNS AND PLACEMENT.
8. SEE DETAIL SHEET FOR DETAILS OF MULTI-USE PATHWAY PAVEMENT MARKINGS.
9. PAYMENT FOR THE MANUFACTURE AND INSTALLATION OF ALL PATHWAY SIGNAGE SHALL INCLUDE ALL LABOR AND MATERIALS REQUIRED FOR CONSTRUCTION.
10. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.



REV. NO.	DESCRIPTION	DATE

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**TOWN OF HILTON HEAD ISLAND  
 PATHWAY CONNECTIVITY  
 PEMBROKE DRIVE @ NATURE'S WAY**

**SIGNAGE AND MARKING PLAN**

**SHEET  
 10**

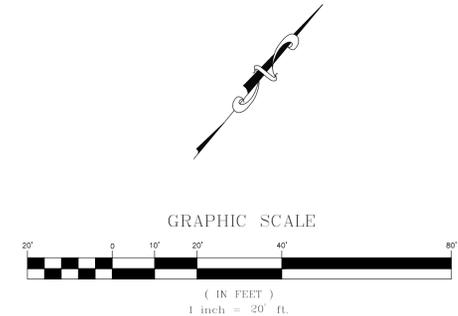
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 HILTON HEAD ISLAND SC 29928



EAST BOUND WILLIAM HILTON PARKWAY R/W VARIES



LANDING  
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REV. NO.	DESCRIPTION	DATE

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**TOWN OF HILTON HEAD ISLAND**  
**PATHWAY CONNECTIVITY**  
**WHP (US278) @ SHELTER COVE LANE**

**SITE PLAN**

**SHEET 11**