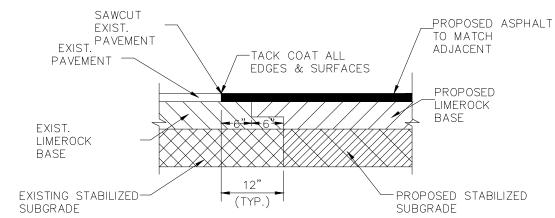
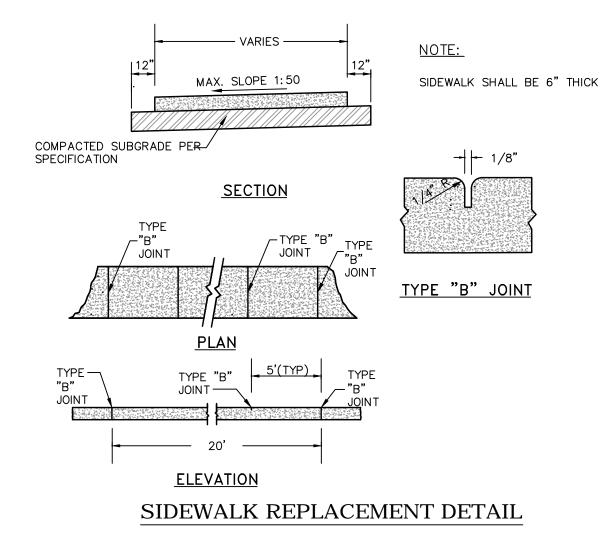
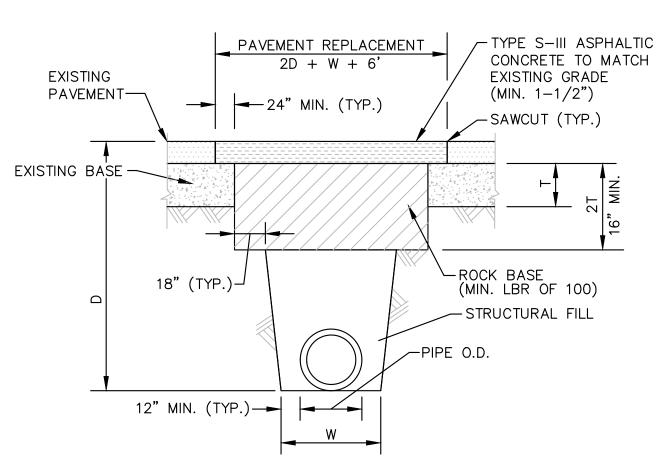


LOCATION MAP



## **EXISTING AND PROPOSED** ASPHALT CONNECTION





# **PAVEMENT RESTORATION DETAIL**

### LEGEND

PROPOSED FEA	TURES		
A A A A	CONCRETE SIDEWALK		
	ASPHALT RESURFACING	<b>*</b>	

WATER METER

	ASPHALT RESURFACING	<b>\$</b>	STREET LIGHT
0.00	FINISHED GRADE ELEVATION		TREE
0.00	TRAFFIC SIGN	<del>- o -</del>	INFORMATION SIGN
<u>-</u> -	DRAINAGE FLOW DIRECTION	<b></b>	GUY WIRE
EXISTING			MAILBOX
		⊠	ELECTRIC BOX
\$00	MEASURED ELEV.	Ø	UTILITY POLE
S	SANITARY MANHOLE	—— ВЕ ——	BURIED ELECTRIC
$\bigcirc$	STORM MANHOLE	—— вт ——	BURIED TELEPHONE
<u>_</u> 0	CLEANOUT	OE	OVERHEAD ELECTRIC
~	FIRE HYDRANT	OHT	OVERHEAD TELEPHONE
— x —	FENCE	STM	STORM
$\bowtie$	GATE VALVE	WTR	WATER

## **ABBREVIATIONS**

CATCH BASIN

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

#### GENERAL NOTES

1. ALL WORK SHALL CONFORM TO FDOT SPECIFICATIONS AND DESIGN STANDARDS, LATEST EDITION, UNLESS SPECIFIED

a. THE CONTRACTOR SHALL FURNISH ALL LABOR, SUPERINTENDENCE, QUALITY CONTROL, MATERIALS, PLANT, POWER, LIGHT, HEAT, FUEL, WATER, TOOLS, APPLIANCES, EQUIPMENT, SUPPLIES, AND OTHER MEANS OF CONSTRUCTION NECESSARY AND PROPER FOR PERFORMING AND COMPLETING THE WORK. CONTRACTOR SHALL PERFORM AND COMPLETE THE WORK IN THE MANNER BEST CALCULATED TO PROMOTE SCHEDULED CONSTRUCTION CONSISTENT WITH SAFETY OF LIFE AND PROPERTY AND TO THE SATISFACTION OF THE OWNER, AND IN STRICT ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL CLEAN UP THE WORK, MAINTAIN IT DURING CONSTRUCTION, AND PAY ALL COSTS INCIDENTAL THERETO. CONTRACTOR SHALL REPAIR OR RESTORE ALL

STRUCTURES AND PROPERTY THAT MAY BE DAMAGED OR DISTURBED DURING PERFORMANCE OF THE WORK. b.THE COST OF INCIDENTAL WORK DESCRIBED IN THESE GENERAL REQUIREMENTS, FOR WHICH THERE ARE NO SPECIFIC CONTRACT ITEMS, SHALL BE CONSIDERED AS PART OF THE GENERAL COST OF DOING THE WORK AND SHALL BE INCLUDED IN THE PRICES FOR THE VARIOUS CONTRACT ITEMS. NO ADDITIONAL PAYMENT WILL BE MADE c. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SUCH MODERN PLANT, TOOLS, AND EQUIPMENT AS MAY BE

NECESSARY IN THE OPINION OF THE ENGINEER, TO PERFORM IN A SATISFACTORY AND ACCEPTABLE MANNER ALL THE WORK REQUIRED BY THE CONTRACT. ONLY EQUIPMENT OF ESTABLISHED REPUTATION AND PROVEN EFFICIENCY SHALL BE USED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE ADEQUACY OF WORKMANSHIP. MATERIALS AND EQUIPMENT, PRIOR APPROVAL OF THE ENGINEER NOTWITHSTANDING

3.SHOP DRAWINGS, PRODUCT DATA AND SAMPLES a.SUBMIT AT LEAST FIVE (5) COPIES OF ALL REQUIRED SHOP DRAWINGS, PRODUCT DATA AND SAMPLES FOR ENGINEER'S REVIEW. b.SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND TRANSMITTAL LETTERS PERTAINING THERETO SHALL BE IDENTIFIED WITH THE TITLE OF THE PROJECT, SUBMISSION DATE, AND THE CONTRACTOR'S ACKNOWLEDGEMENT THAT HE HAS

REVIEWED THEM AND FOUND THEM ACCEPTABLE. C.NOTIFY ENGINEER IN WRITING, AT THE TIME OF SUBMITTAL, OF ANY DEVIATIONS IN THE SUBMITTALS FROM THE REQUIREMENTS OF THE CONTACT DOCUMENTS. d.THE REVIEW AND APPROVAL OF SHOP DRAWINGS, SAMPLES OR PRODUCT DATA BY THE ENGINEER SHALL NOT RELIEVE THE CONTRACTOR FROM HIS/HER RESPONSIBILITY WITH REGARD TO THE FULFILLMENT OF THE TERMS OF THE CONTRACT DOCUMENTS. ALL RISKS OF ERROR AND OMISSION ARE ASSUMED BY THE CONTRACTOR AND THE

4.THE LOCATION OF ALL EXISTING UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY AND ARE BASED ON AS BUILT SURVEY INFORMATION. ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VERIFYING ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION. ANY AND ALL KNOWN CONFLICTS WITH EXISTING UTILITIES SHALL BE REPORTED TO THE ENGINEER. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED. THE APPROPRIATE UTILITY COMPANY SHALL BE NOTIFIED IN ADVANCE OF ANY EXCAVATION INVOLVING THEIR UTILITIES SO THAT A COMPANY REPRESENTATIVE CAN BE PRESENT. DETERMINATION OF THE EXACT LOCATION OF ANY/ALL UTILITIES WHICH MAY BE INVOLVED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING UTILITY LOCATION PRIOR TO SUBMITTING SHOP DRAWINGS OF PRECAST COMPLEX STRUCTURES FOR APPROVAL

UTILITY OWNERS & CONTACT: TELEPHONE NO.

ENGINEER WILL HAVE NO RESPONSIBILITY THEREFORE.

SANDRA EMERT (561) 357-6616 COMCAST CABLEVISION JEANNINE MCENROE (561) 881-3255 FLORIDA POWER & LIGHT ALAN BOAZ (561) 575-6346 FLORIDA PUBLIC UTILITIES VINCE KREPPS (561) 684-4030 VILLAGE OF WELLINGTON (STORM SEWER) TERRY NARROW (561) 791-4128 VILLAGE OF WELLINGTON (UTILITIES) COREY ROBINSON (561) 753-2464 VILLAGE OF WELLINGTON (IRRIGATION) BRIAN HOPPER (561) 791-4126 PALM BEACH COUNTY TRAFFIC COMMUNICATION SUPERINTENDENT (561) 533-3900

5. THE CONTRACTOR SHALL NOTIFY THE PROPER UTILITY COMPANY AT LEAST 48 HOURS IN ADVANCE OF ANY EXCAVATION NEAR OR AROUND THEIR FACILITY SO THAT A COMPANY REPRESENTATIVE CAN BE PRESENT. 6.THE CONTRACTOR IS TO USE EXTREME CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES AND UNDERGROUND UTILITIES.

7.THE CONTRACTOR IS TO PROTECT UNDERGROUND UTILITIES DURING CONSTRUCTION AT ALL TIMES. 8.ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED THE PROJECT ENGINEER SHALL NOTIFY THE COUNTY SURVEYOR.

9.ALL ELEVATIONS ARE REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM (NGVD) OF 1929 IN FEET.

10. TOPOGRAPHIC SURVEY PERFORMED BY ENGENUITY GROUP ON 04/15. 11. ANY NGVD 29 MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED.

12. ALL EXISTING TREES & SHRUBS IN CONFLICT WITH PROPOSED PATHWAYS WITHIN R/W SHALL BE REMOVED.

13. NEATLY REMOVE OR PRUNE ALL EXIST. TREES. HEDGES AND OTHER VEGETATION (INCLUDING THOSE NOT SHOWN HEREON) AS NECESSARY TO PROVIDE MINIMUM CLEARANCES OF 1FT HORIZONTAL AND 10FT VERTICAL FROM THE 2.

14. ALL PEDESTRIAN ROUTES SHALL MEET THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT. CROSS SLOPES SHALL NOT EXCEED 2% AND LONGITUDINAL SLOPES SHALL NOT EXCEED 5%. 15. EXISTING DRAINAGE STRUCTURES AND PIPES WITHIN THE LIMITS OF CONSTRUCTION SHALL REMAIN UNLESS OTHERWISE

16. ALL EXISTING PIPES THAT ARE TO REMAIN ARE TO BE CLEANED OUT (DESILTED) AS DIRECTED BY THE ENGINEER 17. ALL STATIONS AND OFFSETS ARE FROM THE CENTERLINE OF CONSTRUCTION TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

18. RADII, DIMENSIONS AND ELEVATIONS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

19. PROPOSED GRADES SHOWN OUR FINISH GRADES.

20.FOR DETAILS OF CURB CUT RAMPS SEE FDOT STANDARD INDEX NO. 304. 21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF EXISTING LANDSCAPING AND IRRIGATION SYSTEMS LOCATED ON PRIVATE PROPERTY. REPAIR OR REPLACEMENT OF SYSTEMS DAMAGE BY THE CONTRACTOR SHALL BE 4. MADE AT THE EXPENSE OF THE CONTRACTOR.

AND LOCAL REGULATIONS, WHICH INCLUDE BUT ARE NOT LIMITED TO 54 CFR 45894 AND 29 CFR 1926.650 & 651 AND B. 23.CONTRACTOR SHALL OBTAIN A "DEWATERING GENERAL WATER USE PERMIT" FROM THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT PRIOR TO COMMENCING DEWATERING UNLESS THE WORK QUALIFIES FOR A 'NO-NOTICE' AUTHORIZATION AS DESCRIBED IN RULE 40E-20.302(3) OF THE FLORIDA ADMINISTRATIVE CODE.AND APPROVE SET OF CONSTRUCTION PLANS AND CONTRACT DOCUMENTS SHALL BE MAINTAINED BY THE CONTRACTOR ON SITE AT ALL TIMES

24.IRRIGATION MAINS SHALL REMAIN INTACT. ANY DISTURBED IRRIGATION MAINS SHALL BE RESTORED TO ORIGINAL CONDITIONS. IRRIGATION HEADS SHALL BE REMOVED AND PLUGGED WITHIN THE PROJECT LIMITS. 25. SALVAGE MATERIAL

a.ALL SALVAGEABLE MATERIAL AND EQUIPMENT REMOVED FROM THE EXISTING CONSTRUCTION FOR WHICH SPECIFIC B. USE, RELOCATION OR OTHER DISPOSAL IS NOT SPECIFICALLY NOTED ON THE DRAWINGS OR OTHERWISE SPECIFIED. SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE TURNED OVER TO HIM. ALL MATERIAL AND EQUIPMENT NOT IN SALVAGEABLE CONDITION AS DETERMINED BY THE ENGINEER, SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER AT THE CONTRACTOR'S EXPENSE. THE ACTUAL STORAGE SITE FOR SALVAGEABLE MATERIAL WILL BE DESIGNATED BY THE OWNER.

28. CLEANING a.DURING CONSTRUCTION OF THE WORK, THE CONTRACTOR SHALL, AT ALL TIMES, KEEP THE SITE OF THE WORK AND ADJACENT PREMISES AS FREE FROM MATERIAL, DEBRIS AND RUBBISH AS IS PRACTICABLE AND SHALL REMOVE THE SAME FROM ANY PORTION OF THE SITE IF. IN THE OPINION OF THE ENGINEER, SUCH MATERIAL, DEBRIS, OR RUBBISH CONSTITUTES A NUISANCE OR IS OBJECTIONABLE

b.AT THE CONCLUSION OF THE WORK, ALL TOOLS, TEMPORARY STRUCTURES AND MATERIALS BELONGING TO CONTRACTOR SHALL BE PROMPTLY TAKEN AWAY AND CONTRACTOR SHALL REMOVE AND PROMPTLY DISPOSE OF ALL RUBBISH OR ANY OTHER FOREIGN MATERIALS. THE CONTRACTOR SHALL THOROUGHLY CLEAN ALL MATERIAL INSTALLED AND SHALL DELIVER SUCH MATERIALS UNDAMAGED IN A CLEAN AND NEW CONDITION.

## PAVING:

- 1. IMMEDIATELY CEASE TRANSPORTATION OF ASPHALT MIXTURES FROM THE PLANT WHEN RAIN BEGINS AT THE ROADWAY. DO NOT PLACE ASPHALT MIXTURES WHILE RAIN IS FALLING, OR WHEN THERE IS WATER ON THE SURFACE TO BE
- 2. CONTRACTOR SHALL COMPLY WITH SECTION 330 OF FDOT STANDARD SPECIFICATIONS 2000 FOR TYPE "S" SERIES
- ASPHALT 3. OBTAIN A SMOOTH SURFACE ON ALL PAVEMENT COURSES PLACED AND THEN STRAIGHTEDGE ALL INTERMEDIATE AND FINAL COURSES WITH A 15-FOOT ROLLING STRAIGHTEDGE. FURNISH A 15-FOOT STRAIGHTEDGE AND MAKE IT AVAILABLE AT THE JOB SITE AT ALL TIMES DURING THE PAVING OPERATION FOR CHECKING JOINTS AND SURFACE IRREGULARITIES
  - PORTIONS AND FREE OF SEGREGATION, AND STREAKS, SAND SPOTS, OR RIPPLES. 5. UPON COMPLETION OF FINAL SURFACE COURSE ENGINEER WILL TEST FINISHED SURFACE WITH A 15- FOOT ROLLING STRAIGHTEDGE. CORRECT ALL DEFICIENCIES IN EXCESS OF 3/16-INCH IN ACCORDANCE WITH PARAGRAPH 330-12 OF
- 6. ENGINEER WILL DETERMINE PAVEMENT THICKNESS FROM THE DEPTH OF CORE BORINGS. THE MAXIMUM ALLOWABLE DEFICIENCY IN THICKNESS FOR PAVEMENT OF A SPECIFIED THICKNESS OF 21/2 INCHES OR MORE IS 1/2 INCH. FOR PAVEMENT OF A SPECIFIED THICKNESS OF LESS THAN 21/2 INCHES IS 1/4 INCH.
- 8. IMMEDIATELY AFTER PLACEMENT, PROTÈCT PAVEMENT FROM MECHANICAL INJURY FOR AS LONG AS REQUIRED UNTIL
- THE CONTRACTOR IS TO PROVIDE TWO (2) BORINGS AT LOCATIONS DETERMINED BY THE ENGINEER. ACCEPTED BY ENGINEER.

#### DRAINAGE:

1. NOTIFY ENGINEER OF FIELD CONFLICTS OR DESIGN DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK. 2.EXISTING WATER, SEWER AND DRAINAGE SYSTEMS ARE REPRESENTED AS DASHED LINES AND SHALL BE VERIFIED BY CONTRACTOR 3.CONTRACTOR SHALL PROTECT ALL UTILITIES AND PUBLIC IMPROVEMENTS AND SHALL BE RESPONSIBLE FOR ALL DAMAGES CAUSED DURING CONSTRUCTION AND SHALL REPAIR SAID DAMAGES AT HIS EXPENSE. CONTRACTOR TO RESTORE ALL AREAS DISTURBED DURING CONSTRUCTION TO ORIGINAL OR BETTER 4.SUPPORT OR THE RELOCATION OF EXISTING STREETLIGHT POLES POWER OR TELEPHONE POLES, EXISTING

UTILITIES. IRRIGATION SYSTEMS, SIDEWALKS, WALLS, ETC., NECESSARY FOR COMPLETION OF THIS WORK ARE THE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE. 5.INFORMATION SHOWN ON THESE DRAWINGS AS TO THE LOCATION OF EXISTING UTILITIES HAS BEEN PREPARED FROM THE LATEST AND MOST RELIABLE DATA AVAILABLE TO THE ENGINEER. THIS INFORMATION IS NOT TO BE GUARANTEED. HOWEVER, AND IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE LOCATION, CHARACTER AND DEPTH OF ANY EXISTING UTILITIES. ALL "AS—BUILT" INFORMATION INCLUDING LOCATION AND ELEVATION OF UTILITY STUB OUTS TO BE FIELD VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION OR ORDERING OF STRUCTURES. NOTIFY ENGINEER OF

DISCREPANCIES/CONFLICTS. 6.ALL DRAINAGE CONSTRUCTION SHALL CONFORM TO FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST ADDITION) AND THE VILLAGE OF WELLINGTON REQUIREMENTS 7.ALL DRAINAGE PIPE SHOWN AS RCP SHALL BE REINFORCED CONCRETE PIPE CLASS III, WALL "B" AND CONFORMING TO THE FLORIDA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.

8.CONTRACTOR SHALL PROVIDE ADEQUATE EQUIPMENT FOR THE REMOVAL OF STORM, SURFACE AND/OR SUBSURFACE WATER WHICH MAY ACCUMULATE IN THE EXCAVATION AREAS SO THAT IT WILL BE SUITABLY DRY FOR WORK REQUIRED 9.NO OFF-SITE DISCHARGE FROM DEWATERING OPERATION SHALL BE PERMITTED UNLESS THE CONTRACTOR SECURES WRITTEN PERMISSION FROM THE GOVERNING AUTHORITIES. 10. WHERE ENCOUNTERED, MUCK SHALL BE COMPLETELY REMOVED FROM THE PAVED AREAS TEND TO BE ON THE EDGE OF PAVEMENT EACH SIDE. 11. CONTRACTOR TO PROVIDE TEST REPORTS FROM AN INDEPENDENT LABORATORY FOR PROCTORS AND DENSITIES ON BASE UPGRADING PIPE BACKFILL. 12. CONTRACTOR IS RESPONSIBLE FOR PROVIDING COMPLETE PAVING AND DRAINAGE, WATER AND SEWER CONSTRUCTION RECORD INFORMATION TO THE ENGINEER. 13. CONTRACTOR SHALL ARRANGE FOR THE ENGINEER TO OBSERVE:

a. STORM SEWER AFTER GROUTING AND WHEN BACKFILL IS COMPLETED TO THE MIDPOINT OF THE PIPE. b. STRINGLINING OF SUBGRADE.

c. STRINGLINING /BOARDING OF BASE

14. THE CONTRACTOR SHALL FILL AND FINE GRADE ALL PLANTING AREAS. LEAVING THE FINISH GRADE SMOOTH AND READY TO RECEIVE SOD OR OTHER PLANTING MATERIAL. WHERE SOD IS DESIRED, THE FINISH GRADE SHALL BE 2 INCHES LOWER TO ALLOW FOR THICKNESS OF THE GRASS. SPECIAL ATTENTION SHALL BE GIVEN ALONG EDGE OF PAVEMENT AND SIDEWALKS SO AS NOT TO TRAP WATER.

15. ALL SWALE, RIGHT-OF-WAY AREAS AND YARD AREAS SHALL BE GRADED AND SEEDED OR SODDED IN ACCORDANCE WITH GOVERNING AGENCY STANDARDS. NO AREAS SHALL BE LEFT BARREN OR SUBJECT TO 16.IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO ADHERE TO ALL OSHA RULES AND FLORIDA LAWS

RELATED TO TRENCH SAFETY. 17. CONTRACTOR SHALL ENSURE NO SETTLEMENT OR DEBRIS LEAVE THE SITE OR CONSTRUCTION IN ACCORDANCE WITH NPDES REQUIREMENTS (SILK FENCE, HAYBALE'S OR SOUGHT APRONS ORNAMENTS, WASH ROCK EXIT, ETC. MAY BE REQUIRED TO MEET SAID REQUIREMENTS). CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREPARATION IMPLEMENTATION AND CERTIFICATION OF ALL NPDES POLLUTION PREVENTION RELATED MEASURES (IE FILING OF ANY POLLUTION PREVENTION PLAN MONITORING REPORTS, ETC.)

#### PAVEMENT MARKING:

ALL STRIPING SHALL CONFORM TO PALM BEACH COUNTY TRAFFIC DIVISION STRIPING TYPICALS T-P-13

A. DO NOT APPLY MARKINGS WITHIN 5 DAYS OF PAVEMENT PLACEMENT WITH THE EXCEPTION OF FRICTION COURSE WHICH IS 30 DAYS. B. PRIOR TO APPLYING PAVEMENT MARKINGS, REMOVE ANY MATERIAL THAT WOULD ADVERSELY AFFECT THE

C. DO NOT APPLY WHEN WINDS ARE SUFFICIENT TO CAUSE SPRAY DUST D. PRIOR TO APPLICATION OF THERMOPLASTIC MATERIAL TO PORTLAND CEMENT CONCRETE SURFACES. APPLY A TWO-PART EPOXY PRIMER SEALER RECOMMENDED BY THE MANUFACTURER.

ESTABLISH TACK POINTS AT APPROPRIATE INTERVALS FOR USE IN ALIGNING MARKINGS. APPLY ONLY DURING DAYLIGHT HOURS AND, AS FAR AS PRACTICAL, SHALL BE TERMINATED IN TIME TO PERMIT SUFFICIENT DRYING BY SUNSET.

THE SURFACE WHICH IS TO BE PAINTED SHALL BE CLEANED, BY COMPRESSED AIR OR OTHER EFFECTIVE MEANS, IMMEDIATELY BEFORE THE START OF PAINTING AND SHALL BE CLEAN AND DRY WHEN THE PAINT IS APPLIED. ANY VEGETATION OR LOOSE SOIL SHALL BE REMOVED FROM THE PAVEMENT BEFORE

H. THOROUGHLY MIX PAINT BEFORE POURING INTO THE PAINTING MACHINE. NO THINNING OF THE PAINT IN THE MACHINE WILL BE ALLOWED AT ANY TIME. BEFORE THE START OF EACH DAY'S WORK THE PAINT CONTAINER, THE CONNECTIONS, AND THE SPRAY NOZZLES ON THE MACHINE SHALL BE THOROUGHLY CLEANED WITH PAINT THINNER OR OTHER SUITABLE CLEANER.

APPLICATION - THERMOPLASTIC

APPLY THERMOPLASTIC TO THE PAVEMENT BY EXTRUSION. EDGES OF MARKINGS ARE TO BE WELL DEFINED.

THICKNESS TO BE AT LEAST 90 MILS. APPLY REFLECTIVE GLASS SPHERES IMMEDIATELY BEHIND THE STRIPING MECHANISM.

APPLICATION - REFLECTIVE PAINT

A. APPLY PAINT TO THE PAVEMENT BY SPRAY. 3. EDGES OF MARKINGS ARE TO BE WELL DEFINED.

APPLY PAINT TO ATTAIN A MINIMUM WET FILM THICKNESS OF 15 MILS. APPLY SPHERES IMMEDIATELY AND UNIFORMLY FOLLOWING THE PAINT APPLICATION.

APPLICATION - REFLECTIVE PAVEMENT MARKERS

22. THE CONTRACTOR AND OR HIS SUBCONTRACTORS SHALL BE IN COMPLIANCE WITH CURRENT OSHA, STATE, COUNTY A. SET REFLECTIVE PAVEMENT MARKERS 1 INCH TO THE LEFT OR RIGHT OF THE LINE. APPLY THE ADHESIVE TO THE BONDING SURFACE (NOT THE MARKER) SO THAT 100 PERCENT OF THE

BONDING AREA OF THE MARKER WILL BE COVERED. APPLY SUFFICIENT ADHESIVE TO ENSURE THAT THE MARKER IS PRESSED DOWN INTO THE ADHESIVE AND ADHESIVE WILL BE FORCED AROUND THE PERIMETER OF THE MARKER. IMMEDIATELY REMOVE EXCESS ADHESIVE FROM THE BONDING SURFACE AND THE EXTERNAL SURFACE OF

A. DO NOT ALLOW TRAFFIC ONTO NEWLY PAINTED TRAFFIC STRIPES AND MARKINGS UNTIL THEY ARE SUFFICIENTLY DRY TO PERMIT VEHICLES TO CROSS THEM WITHOUT DAMAGE WARNING SIGNS SHALL BE SET UP BEFORE THE BEGINNING OF EACH OPERATION AND EXTRA SIGNS SHALL BE KEPT WELL AHEAD OF THE APPLICATION EQUIPMENT. THE EQUIPMENT SHALL BE SO OPERATED THAT TRAFFIC MAY PASS SAFELY. WARNING SIGNS ARE TO BE PLACED ONLY WHERE OPERATIONS ARE IN PROGRESS AND ARE TO BE RELOCATED AS OFTEN AS IS NECESSARY ERECT ADEQUATE WARNING SIGNS, AND TAKE NECESSARY PRECAUTIONS FOR THE PROTECTION OF THE WET PAVEMENT MARKINGS AND THE SAFETY OF THE PUBLIC. CONES, RUBBER "Z" GUARDS, OR SIMILAR

DAMAGE TO VEHICULAR TRAFFIC IN THE EVENT THAT THESE OBJECTS ARE ACCIDENTALLY PASSED OVER. ANY PORTIONS OF THE PAVEMENT MARKINGS DAMAGED BY PASSING TRAFFIC OR FROM ANY OTHER CAUSE SHALL BE REWORKED AT NO ADDITIONAL COST TO THE OWNER.

PROTECTIVE DEVICES, SHALL BE PLACED ALONG THE NEWLY-PAINTED STRIPE TO PREVENT TRAFFIC FROM

CROSSING THE WET PAINT. ANY SUCH DEVICES USED SHALL BE OF A TYPE THAT WILL NOT CAUSE

IF MORE THAN 2 PERCENT OF THE REFLECTIVE PAVEMENT MARKERS FAIL IN ADHESION OR ALIGNMENT WITHIN THE 45 DAYS UNDER TRAFFIC, REPLACE ALL FAILED MARKERS AT NO ADDITIONAL COST TO THE

6. CORRECTIVE MEASURES

A. PAVEMENT MARKINGS WHICH FAIL TO MEET THE GUIDELINES, INCLUDING THE PERMISSIBLE TOLERANCES AND THE APPEARANCE REQUIREMENTS, ARE MARRED OR DAMAGED BY TRAFFIC OR FROM ANY OTHER CAUSE SHALL BE CORRECTED AT NO ADDITIONAL COST TO OWNER. DRIPS AND SPATTERED PAINT SHALL BE REMOVED. WHENEVER IT IS NECESSARY TO REMOVE PAINT IT SHALL BE DONE BY MEANS WHICH WILL NOT DAMAGE THE UNDERLYING SURFACE OF THE PAVEMENT. WHEN NECESSARY TO CORRECT A DEVIATION WHICH EXCEEDS THE PERMISSIBLE TOLERANCE IN ALIGNMENT, THAT PORTION OF THE STRIP AFFECTED SHALL BE REMOVED AND REPAINTED IN ACCORDANCE WITH THESE GUIDELINES. MISALIGNMENT, DEFECTIVE SURFACES, AND THE LIKE, SHALL BE CORRECTED BY SANDBLASTING OR BY

ANY OTHER TYPE OF MECHANICAL DEVICE WHICH WILL EFFECTIVELY REMOVE THE PAINT WITHOUT DAMAGE TO THE PAVEMENT SURFACE.

4. PRODUCE A FINISHED SURFACE OF UNIFORM TEXTURE AND COMPACTION WITH NO PULLED, TORN, OR LOOSENED 6 DIMENSION AND ALIGNMENT TOLERANCE

A. NO MARKING SHALL BE LESS THAN THE INDICATED WIDTH. NO MARKING SHALL EXCEED THE INDICATED WIDTH BY MORE THAN 1/2 INCH. CORRECTIONS OF VARIATION IN THE WIDTH OF, AND THE ALIGNMENT OF STRIPES SHALL NOT BE MADE ABRUPTLY BUT THE STRIPES SHOULD BE RETURNED TO THE DESIGN WIDTH AT THE RATE OF AT LEAST

10 FEET FOR EACH 1/2 INCH OF CORRECTION. WHERE A STRIPE DEVIATES FROM THE CORRECT ALIGNMENT, AS INDICATED BY THE STRING LINE. BY MORE THAN ONE INCH IN ANY 20 FOOT LENGTH, IT SHALL BE OBLITERATED AND THE STRIPE



CONCEPTUAL

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