I. GENERAL NOTES & SPECIFICATIONS

A. All construction shall be in accordance with the General Notes and Specifications of this contract, the Florida Building Code, the American National Standards and the Florida Administrative Code. In case of any apparent conflict, the latter shall govern. The Engineer of Record shall be responsible for the issuance of permits and for the enforcement of regulations. All work shall be done in accordance with the specifications and the plans on file with the County. The contractor shall be responsible for the correctness of the plans, specifications and permits. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

B. Access to the site for inspection, testing, and surveying purposes shall be allowed at all reasonable times without interruption of work.

C. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

D. The contractor shall be responsible for the correctness of the plans, specifications and permits.

E. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

F. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

II. ACCESS

A. Access shall be provided to the site for inspection, testing, and surveying purposes at all reasonable times without interruption of work.

B. Access to the site for inspection, testing, and surveying purposes shall be allowed at all reasonable times without interruption of work.

C. Access to the site for inspection, testing, and surveying purposes shall be allowed at all reasonable times without interruption of work.

D. Access to the site for inspection, testing, and surveying purposes shall be allowed at all reasonable times without interruption of work.

E. Access to the site for inspection, testing, and surveying purposes shall be allowed at all reasonable times without interruption of work.

F. Access to the site for inspection, testing, and surveying purposes shall be allowed at all reasonable times without interruption of work.

III. TENURE

A. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

B. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

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F. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

IV. INSPECTION

A. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

B. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

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F. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

V. TEMPORARY FACILITIES

A. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

B. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

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F. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

VI. TEMPORARY FEATURES

A. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

B. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

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F. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

VII. SAFETY & HEALTH

A. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

B. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

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F. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

VIII. PAYMENT & BONDS

A. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

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IX. CONTRACTOR'S BOND

A. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

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F. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

X. APPOINTMENT

A. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

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F. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

XI. PROJECT CLOSE-OUT

A. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

B. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

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E. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.

F. All work shall be in accordance with the specifications and the plans on file with the County. The Contractor shall be responsible for the correctness of the plans, specifications and permits.
ALL PROPOSED AND EXISTING ELEVATIONS ARE SHOWN IN N.A.V.D. 1988 DATUM.
JOINT FLOW
36”
24”
18”
15”
OUT
1. SIDEWALK SHALL BE MINIMUM 4" THICK. SIDEWALK INSTALLED THRU DRIVEWAYS AND SUBJECTED TO VEHICULAR TRAFFIC SHALL BE MINIMUM 6" THICK.

3. CONCRETE STRENGTH SHALL BE MIN. 3000 PSI @ 28 DAYS.

4. SIDEWALK SLOPES SHALL MEET THE REQUIREMENTS OF THE "AMERICAN WITH DISABILITY ACT", LATEST REVISION.

1. ALUMINUM SHEET OF SAME THICKNESS (GAUGE) AS PIPE SHALL INSTALLATION IN ROUND STRUCTURES. SPACING TO MATCH HOLES EQUAL.

1. PIPE SHALL CONNECT TO ADDITIONAL CATCH BASINS AS REQUIRED.

2. PIPELINE SHALL BE FROM THREE WATER SHOOTS FROM OF DETECTABLE BAFFER.

3. TRUNK TO BE LINED WITH MINIUT 14 FOR APPROVED EQUIVALENT TYPE FILTER MATERIAL. ALLホール MEASURED ON THE SIDES AND TOPS OF DOME, MINIMUM OF 1/4" TOP OF TRUNK. COVER BASE IN THE FIELD.

4. FIBERGLASS BAFFLES ARE NOT PERMITTED.

5. MOUNTING BRACKETS MAY BE ADDED TO FLAT BARS TO EASE 4. FIBERGLASS BAFFLES ARE NOT PERMITTED.

6. MECHANICAL COMPACTION NOT ALLOWED BELOW THIS LEVEL (WITHIN 12" OF PIPE)

5. MOUNTING BRACKETS MAY BE ADDED TO FLAT BARS TO EASE 4. FIBERGLASS BAFFLES ARE NOT PERMITTED.

7. THOROUGHLY WORK IN AND TAMPER THE BEDDING MATERIAL IN THE HAUNCHING ZONE BEFORE PLACING AND COMPACTION REMAIN OF BURIAL.

6. MECHANICAL COMPACTION NOT ALLOWED BELOW THIS LEVEL (WITHIN 12" OF PIPE)
NOTES:
1. APRON AROUND CATCH BASIN TO BE 6" THICK CONCRETE ON COMPACTED SUBGRADE.

2. FOR CATCH BASINS CONSTRUCT 6" WIDE (MIN.) APRON ON ALL (4) SIDES.

3. CONCRETE APRON SHALL BE INSTALLED AROUND ALL CATCH BASINS.

NOTE: CONTRACTOR TO ACCOUNT FOR SOD THICKNESS (APPROX. 3"). INSTALL BOTTOM OF SOD 3" BELOW FINISHED GRADE OF PROPOSED SWALE, EXIST. OR PROPOSED SIDEWALK, & EXIST. EDGE OF PAVEMENT SO THAT MOWED TOP OF SOD WILL BE FLUSH WITH INTENDED FINISHED GRADE/TOP OF SIDEWALK/EDGE OF PAVEMENT.

EXISTING SANITARY SEWER LATERAL & WATER SERVICE CROSSING EXFILTRATION TRENCH DETAIL

SCALE: N.T.S.

EXIST. ROADWAY

EXIST. SWALE TO BE RE-GRADED & NEW SOD INSTALLED.

NEW SOD INSTALLATION DETAIL

SCALE: N.T.S.

EXIST. SANITARY SEWER LATERAL & WATER SERVICE CROSSING EXFILTRATION TRENCH DETAIL

SCALE: N.T.S.

EXIST. SWALE TO BE RE-GRADED & NEW SOD INSTALLED.

NEW SOD INSTALLATION DETAIL

SCALE: N.T.S.

EXIST. SANITARY SEWER LATERAL & WATER SERVICE CROSSING EXFILTRATION TRENCH DETAIL

SCALE: N.T.S.
REMOVING EXISTING ASPHALT IN THIS LANE AND RESURFACING

TYPICAL RESTORATION OF LESS THAN 1/2 LANE OF ROCK BASE

EX. LIMEROCK BASE 1'-0"

FULL LANE WIDTH RESTORATION 1-2 LANES MAX "PATCH" TYPE RESTORATION OF BASE

18" MIN. REPLACEMENT LIMEROCK BASE (NEW MATERIAL)

12" MIN. NOTED:
1. BASE MATERIAL SHALL HAVE A MINIMUM LBR OF 100 AND A MINIMUM CARBONATE CONTENT OF 70% (60% FOR LOCAL STREETS).
2. BASE MATERIAL SHALL BE PLACED IN 6" MAXIMUM (LOOSE MEASUREMENT) LAYERS AND EACH LAYER THOROUGHLY ROLLED OR TAMPED TO 98% OF MAXIMUM DENSITY, PER AASHTO T-180 AND TESTED PRIOR TO THE PLACEMENT OF THE SUCCEEDING LAYER.
3. BACKFILL SHALL BE PLACED AND COMPACTED IN 8" LAYERS, BUT TESTING WILL BEGIN 12" ABOVE THE INSTALLED FACILITY.
4. ALL EDGES OF EXISTING ASPHALT PAVEMENT THAT SHALL ABUT RESURFACING SHALL BE SAWCUT IN STRAIGHT LINES PARALLEL TO OR PERPENDICULAR TO THE ROADWAY, PRIOR TO RESURFACING.
5. RESURFACING MATERIAL SHALL BE CONSISTENT WITH SURROUNDING SURFACE, AND SHALL BE APPLIED A MINIMUM OF 3/4" AND A MAXIMUM OF 2" IN THICKNESS.
6. TRAFFIC STRIPES SHALL NOT BE PLACED DIRECTLY ON TOP OF THE JOINT.
7. REPLACED BASE MATERIAL OVER TRENCH SHALL BE TWICE THE THICKNESS OF THE ORIGINAL BASE, MINIMUM 14" FOR LOCAL ROADS (50' ROW) AND MINIMUM 18" FOR ARTERIAL & COLLECTOR ROADS (60'-100' ROW), MAXIMUM 18".
8. MINIMUM ONE FULL LANE WIDTH SHALL BE RESTORED.
9. ASPHALT PAVEMENT INSTALLATION SEQUENCING:
   1.) FIRST LIFT: 1" TYPE S-III ASPHALT. TACK COAT BETWEEN LIFTS. SHALL BE PAID UNDER PAVEMENT RESTORATION PAY ITEM.
   2.) SECOND LIFT: 1" TYPE S-III ASPHALT. SECOND LIFT SHALL IMMEDIATELY FOLLOW FIRST LIFT IN ORDER TO MATCH EXISTING TOP OF ASPHALT ELEVATION. SHALL BE PAID UNDER PAVEMENT RESTORATION PAY ITEM.
   3.) MILL 1" OF FULL LANE WIDTH (INCLUDES 2.) SECOND LIFT) TO COMPLETE FULL LANE WIDTH RESTORATION. TACK COAT BETWEEN LIFTS. SHALL BE RULED UNDER MILLED ASPHALT (PS) PAY ITEM.
   4.) FINAL LIFT (FRICTION COURSE) TO COMPLETE FULL LANE WIDTH RESTORATION SHALL BE 1" TYPE S-III ASPHALTIC CONCRETE AND PAID UNDER THE ASPHALT OVERLAY PAY ITEM.

CRAVEN THOMPSON AND ASSOCIATES, INC.
ENGINEERS       PLANNERS       SURVEYORS

Matthew J. Cigale
Florida P.E. No. 74584

40 YEAR CDBG PUBLIC WORKS IMPROVEMENT PROJECT CITY OF HALLANDALE BEACH

4/1/15 FA FA

MJC MJC

PGDD-3 PAVING, GRADING & DRAINAGE DETAILS

RESTORATION OF FLEXIBLE PAVEMENT LONGITUDINAL CUTS USING LIMEROCK BASE (FOR PARALLEL UTILITY INSTALLATION)