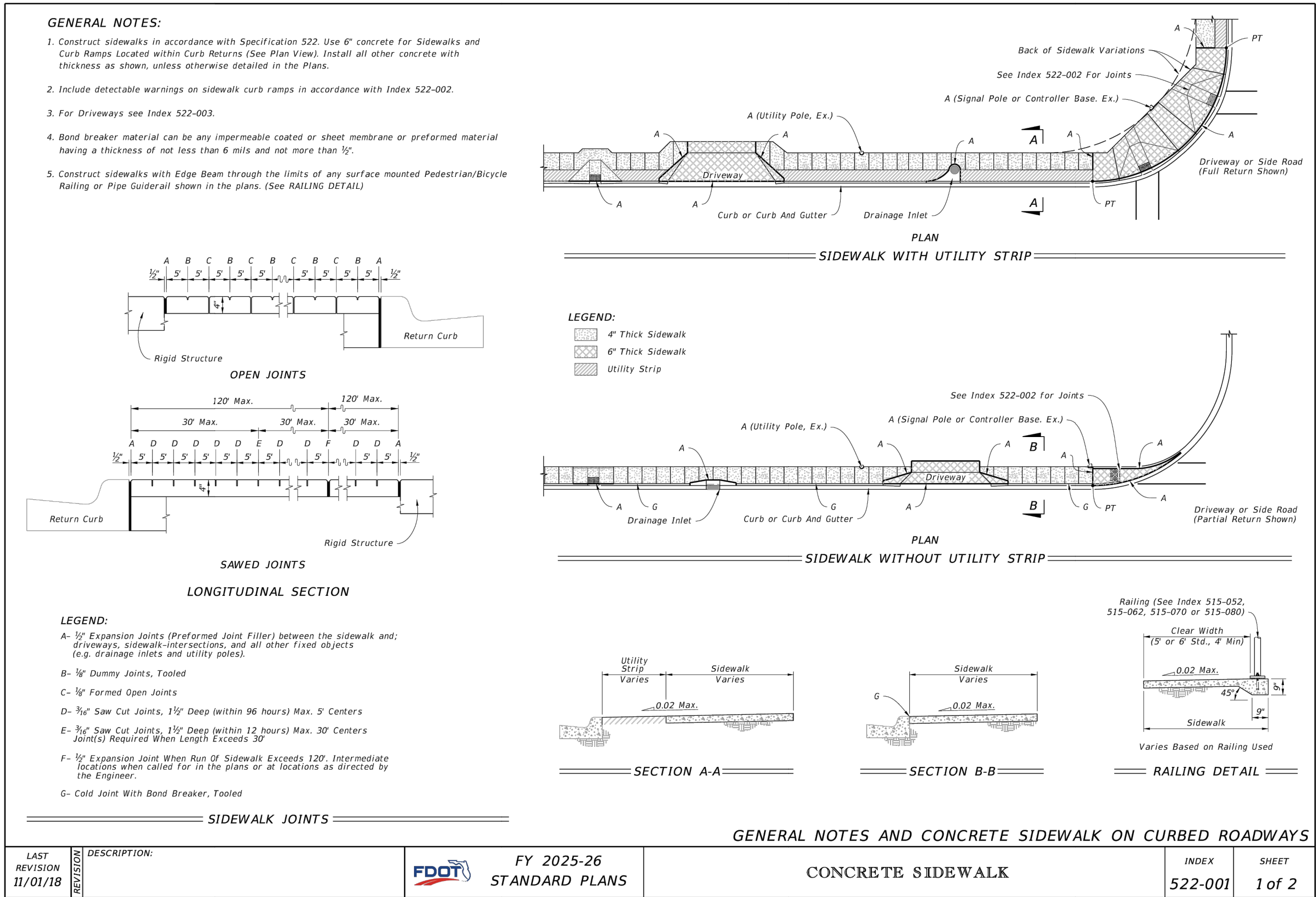
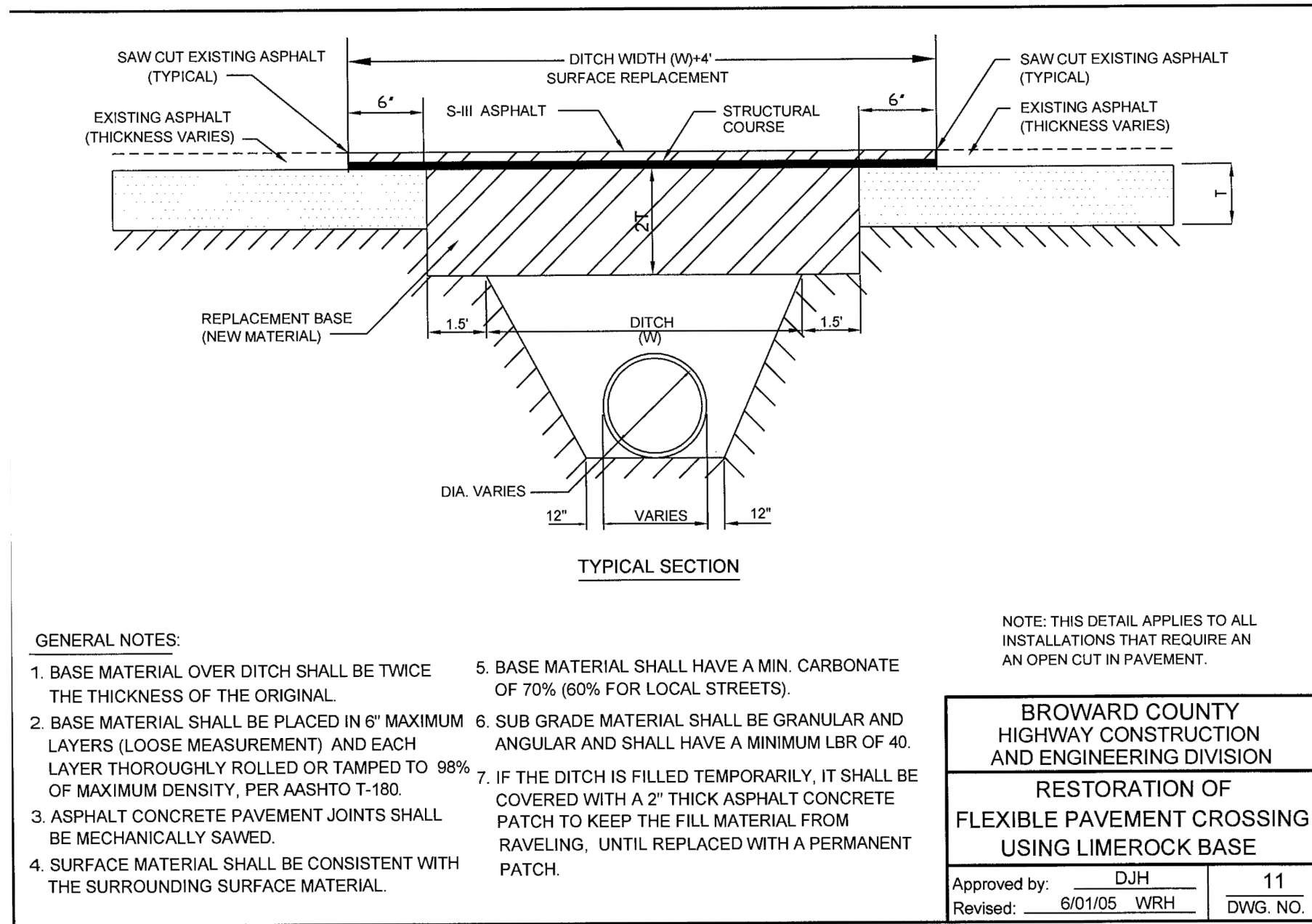


Plotted By: Beigelman, Alex - Sheet Set: 2690 WEST SAMPLE ROAD - Layout: C3.32 PAVING, GRADING & DRAINAGE DETAILS - September 15, 2025 - 08:52:37pm - K:\In-civil\143 Jobs\143360001 2690 west sample road civil eng Design CAD\Drawings\C3.30 PAVING, GRADING & DRAINAGE DETAILS.dwg
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18 CONCRETE SIDEWALK IN FDOT R/W
N.T.S.



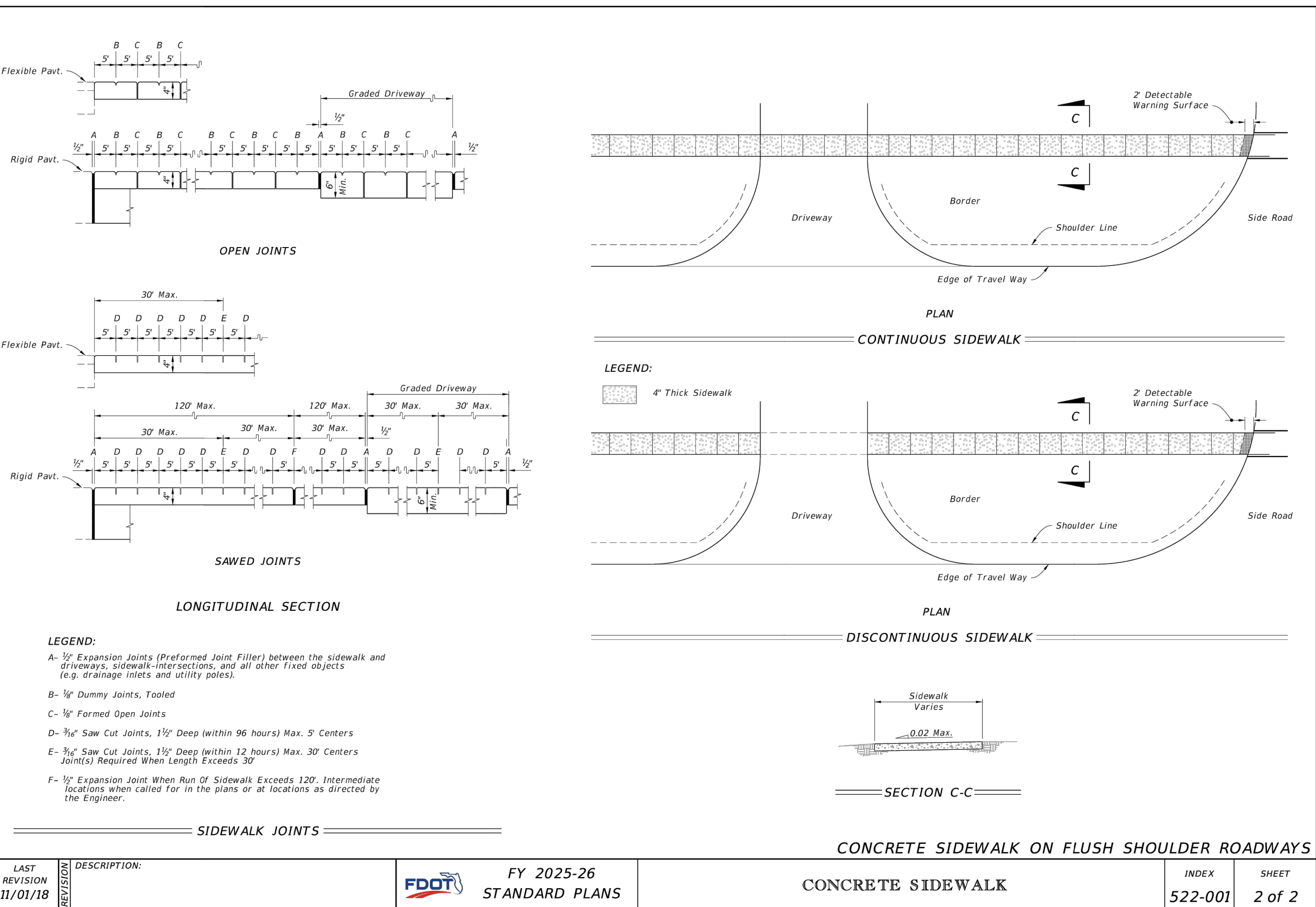
BROWARD COUNTY NOTES:

TYPICAL SECTIONS FOR PAVING, GRADING AND DRAINAGE PLAN WORK WITHIN THE RIGHT OF WAY SHALL SHOW THE FOLLOWING:

- SUBGRADE - ARTERIAL ROADWAYS
 - ENTIRE RIGHT OF WAY TO BE DEMOLISHED. NO MATERIAL OF FDOT CLASS A-5, A-7 OR A-8 ALLOWED.
 - LBR MINIMUM OF 40
 - TOP 12" OF UNDISTURBED SOIL SHALL BE COMPACTED TO 100% MAX DRY DENSITY PER AASHTO T-99C
- BASE - ARTERIAL ROADWAYS
 - TWELVE (12) INCH CONSTRUCTED IN TWO (2) SIX (6) INCH LIFTS.
 - CARBONATES CONTENT MINIMUM 70% AND LBR MINIMUM OF 100.
 - COMPACTED TO MIN 98% MAX DRY DENSITY PER AASHTO T-160.
 - NOTE: BASE COURSE CONSTRUCTION SHALL NOT BE STARTED UNTIL ALL UNDERGROUND CONSTRUCTION IN THE VICINITY HAS BEEN TESTED AND ACCEPTED.
- WEARING (SURFACE) COURSES - ARTERIAL ROADWAYS
 - MINIMUM TOTAL THICKNESS OF TWO AND HALF (2 1/2) INCHES OF ASPHALTIC CONCRETE IN TWO (2) LIFTS AS FOLLOWS:
 - STRUCTURAL COURSE MINIMUM THICKNESS 1-1/2 INCHES SP-9.5.
 - FINAL LIFT (FRICTION COURSE) SHALL BE 1" FC-9.5.
 - TACK COAT SHALL BE USED BETWEEN PAVING COURSES.
 - PRIME COAT SHALL BE USED ON THE FINISHED ROCK BASE.
 - NOTE: WEARING COURSES SHALL NOT BE PLACED UNTIL:
 - A WALK THROUGH HAS BEEN CONDUCTED TO DETERMINE IF THERE IS ANY REMAINING WORK THAT MIGHT CAUSE DAMAGE TO THE FINAL LIFT.
 - ALL LANDSCAPE WORK THAT MIGHT CAUSE DAMAGE TO THE FINAL LIFT IS COMPLETE.
 - ALL UNDERGROUND UTILITIES ARE INSTALLED AND ACCEPTED AND FINISHED ROCK SURVEY HAS BEEN SUBMITTED TO AND ACCEPTED BY THE HIGHWAY CONSTRUCTION & ENGINEERING DIVISION.

BROWARD COUNTY NOTES CONTINUED:

- CURB & GUTTER - ARTERIAL ROADWAYS
 - LIMEROCK FOUNDATION OR PAD MINIMUM LBR OF 100.
 - CARBONATES CONTENT MINIMUM OF 70%
 - MINIMUM FOUR (4) INCHES THICK AND EXTENDS MINIMUM OF SIX (6) INCHES BEYOND EDGE OF CONCRETE.
 - COMPACTED TO 98% MAX DENSITY PER AASHTO T-180.
 - MINIMUM STRENGTH 3000 PSI
 - TYPE F CURB SHALL BE PLACED ONE-QUARTER (1/4) INCH HIGHER THAN ADJACENT INLET FRAMES AND GRATE
- SHOULDER - ARTERIAL ROADWAYS
 - ALL SHOULDERS TO BE STABILIZED TO A MINIMUM LBR 40.
 - MINIMUM DEPTH OF STABILIZED SHOULDERS TO BE EIGHT (8) INCHES.
 - EIGHT (8) FOOT WIDTH WHERE CONDITIONS PERMIT, BUT IN ANY EVENT, NO LESS THAN SIX (6) FEET.
 - FOUR (4) FEET OF SHOULDER PAVED AS ONE WAY BIKE LANE UNLESS THE AREA IS NEEDED FOR DRAINAGE.
 - OUTSIDE LANE SHALL BE DESIGNED AND CONSTRUCTED TWO (2) FEET WIDER THAN THE INTERIOR LANES.
 - SHOULDER PAVEMENT SHALL BE 1" TYPE S-III OVER AN 8" COMPACTED AND PRIMED LIMEROCK BASE.
 - LIMEROCK BASE COMPACTED TO MINIMUM DENSITY OF 98% AASHTO T-99C.
 - CROSS SLOPE BETWEEN 0.03 FT./FT. AND 0.06 FT./FT.
- SIDEWALK(S) - ARTERIAL ROADWAY
 - MINIMUM WIDTH SIX (6) FEET, CLEAR OF ALL OBSTRUCTIONS.
 - NARROW GRASS STRIPS (ONE (1) TO THREE (3) FEET) BETWEEN SIDEWALK AND CURB AND GUTTER NOT PERMITTED.
 - MINIMUM THICKNESS SIX (6) INCHES.
 - WIRE MESH (NOT PERMITTED)
 - MINIMUM TRAVERSE SLOPE 0.01 FT./FT. AND MAXIMUM TRAVERSE SLOPE OF 0.02 FT./FT. TOWARD SWALE OR GUTTER
 - TRAVERSE HAIR BROOM FINISHED
 - LONGITUDINAL SLOPE CONFORM WITH ADA "GREENBOOK"
 - MINIMUM STRENGTH 3000 PSI



19 CONCRETE SIDEWALK IN BROWARD COUNTY R/W
N.T.S.

DRAWING NOTES FOR NEW CONSTRUCTION - TYPICAL SECTIONS

For submittal of a new roadway or new through lanes, the applicant shall submit sketches of the proposed typical right-of-way sections and pavement design to the Highway Construction and Engineering Division for approval prior to beginning the preparation of plans. Proposed typical right-of-way cross sections shall follow the format and general provisions shown in Drawings 1 through 6. The Highway Construction and Engineering Division may require submittal of a traffic study that evaluates the anticipated traffic volume & the capacity of the new roadway based on Florida Department of Transportation standards. The typical sections shall show or note all of the applicable design elements outlined in the "Green Book". Where determination of the "ultimate through lane" is necessary, it shall be made in this review.

The typical sections shall show or note all applicable design elements outlined in the "Green Book." Where determination of the "ultimate through lane" is necessary, it will be made in this review.

A typical section shall be shown on all plans. For submittal of a new roadway or new through lanes, the applicant shall submit sketches of the proposed typical right-of-way sections to the Highway Construction and Engineering Division for approval prior to beginning the preparation of plans. Proposed typical right-of-way cross sections shall follow the provisions outlined in Sec. 5-192(c) (2) of the Broward County Land Development Code. The Highway Construction and Engineering Division may require submittal of a traffic study that evaluates the anticipated traffic volume & the capacity of the new roadway based on Florida Department of Transportation standards. The typical sections shall show or note all of the applicable design elements outlined in the "Green Book". Where determination of the "ultimate through lane" is necessary, it shall be made in this review.

Note A: Seed and mulch slopes up to 1:3. Sod slopes steeper than 1:3.

Note B: A slope of 1:6 shall be used to the edge of clear zone.
For fills from 0 to 5 feet a slope of 1:6 shall be used.
For fills from 5 to 10 feet a slope of 1:4 shall be used.
For fills from 10 to 20 feet a slope of 1:3 shall be used.
For fills over 20 feet a slope of 1:2 shall be used and guardrail must be provided.

Note C: Slope shall be 1:2 or to suit property owner. It shall not be flatter than 1:6.

Note D: There shall be a minimum separation of two feet between the limits of clearing and grubbing and the area disturbed by construction.

Bike Lanes: Designated bike lanes must be labeled on typical sections, undesignated bike lanes must not be labeled on typical sections.

Pavement Design for Roadways:
The final lift (friction course) shall be type S-III asphaltic concrete. The structural course shall have a minimum thickness of 1-1/4". The proposed base and subbases shall conform to FDOT standards. The structural number for pavement (includes subbase, base, structural course and friction course) shall meet or exceed SN 3.84.

Pavement Design for Shoulders:
The final lift shall be type S-III asphaltic concrete. The proposed base and subbases shall conform to FDOT standards. The structural number for shoulder pavement shall meet or exceed SN 2.84.

Such proposals shall be submitted to the Highway Construction and Engineering Division, whose approval shall be obtained before the proposed design may be incorporated into the project. Meeting the above requirements shall not constitute approval.

BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION	
DRAWING NOTES NEW CONSTRUCTION TYPICAL SECTIONS	
Approved by: <u>DJH</u>	6
Revised: <u>6/01/05 WRH</u>	Dwg. No.

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY GEORGE BALABAN, P.E. ON THE DATE ADJACENT TO THE SEAL.
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE AND OBTAINING ALL NECESSARY PERMITS.

ALL ELEVATIONS SHOWN ON THESE PLANS ARE BASED ON THE NAVD 88. TO CONVERT THE ELEVATION HEREON TO NGVD 29 ADD 1.51 FEET.



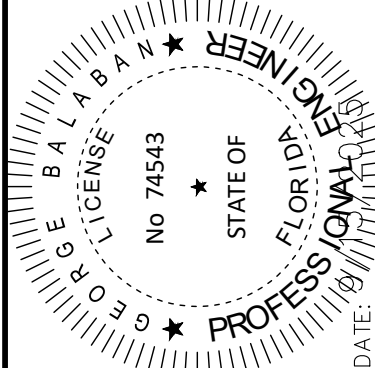
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WWW.KIMLEY-HORN.COM REGISTRY No. 696



KHA PROJECT	143360001
DATE	MAY 2025
SCALE	AS SHOWN
DESIGNED BY	MB
DRAWN BY	MB
CHECKED BY	GB

PAVING, GRADING & DRAINAGE DETAILS

2690 WEST SAMPLE ROAD
PREPARED FOR
NATIONAL EXPRESS WASH LLC

CITY OF POMPAHO BEACH FLORIDA

SHEET NUMBER
C3.32

REVISIONS
No. DATE BY