# **OSCEOLA COUNTY STANDARD OPEN CUT DETAIL** (PAGE 1 OF 2) LIMIT OF OVERLAY AREA TRENCH TREMEH / \_varies (SEE TABLE) VARIES € OF ROADWAY (SEE TABLE) OVERLAY LIMITS LONGITUDINAL PLAN TRANSVERSE PLAN ASPHALT OVERLAY 50' 1.0' 1.0' 50' **VARIES EXISTING** PAVEMENT LIMITS OF MILLING MATCH EXISTING PAVEMENT MIN. 3' TYPE SP-9.5 DR SP-12.5 ASPHALT SEE NOTE FOR FC REQ. BUTT JOINT MIN. 1-1/2" MILL AND OVERLAY SAW CUT BASE EXISTING BASE UNDISTURBED 42" MIN. COVER UNDER SUB-GRADE PAVEMENT AND WITHIN 12' FROM EOP TRENCH TO BE BACK-FILLED WITH SUITABLE MATERIAL IN 1' LIFTS MIN. 98% DENSITY (AASHTO-T-180) OR UNDISTURBED 30" MIN. COVER WITHIN ROW TRENCH TO BE BACK-FILLED WITH 80 P.S.I (±5) FLOW-ABLE FILL WITH ASTM C-494, TYPE C ACCELERATOR TO OBTAIN A SETTING TIME OF 3-4 HOURS MINIMUM 8" 2500 P.S.I. CONCRETE (FLUSH WITH EXISTING BASE) ΠR MATCH EXISTING BASE TYPE 6" MIN. - 12" MIN. EQUAL EQUAL **SECTION A-A NTS** (SEE NOTES ON PAGE 2 OF DETAIL)

Revised 02/13/2024

## OSCEOLA COUNTY STANDARD OPEN CUT DETAIL

(PAGE 2 OF 2)

#### **GENERAL NOTES:**

- 1. OPEN CUTS ARE NOT PERMISSIBLE FOR ROADS WITH PAVEMENT LESS THAN 5 YEARS OLD WITHIN ARTERIAL AND COLLECTOR ROADWAYS (EXCEPT FOR LOCAL STREETS).
- EXTENT OF OVERLAY AND RESURFACING SHALL BE ESTABLISHED BY THE COUNTY ENGINEER.
  A RIGHT OF WAY PERMIT SHALL BE REQUIRED FOR ALL OPEN CUTS WITHIN COUNTY RIGHT—OF—WAY THROUGH THE PUBLIC WORKS DEPARTMENT.
- FOLLOW THE LATEST EDITION OF THE FDOT STANDARDS FOR ROAD AND BRIDGE CONSTRUCTION. EXCAVATIONS SHALL BE PERFORMED IN ACCORDANCE WITH O.S.H.A. TRENCH SAFETY REQUIREMENTS.
- IF THE EXISTING PAVEMENT CONTAINS FRICTION COURSE (FC), THEN THE MILLING DEPTH WILL BE INCREASED FOR THE FC THICKNESS.
- OPEN CUT IN A MEDIAN OPENING REQUIRES MILLING AND RESURFACING FROM TRAVEL LANE TO TRAVEL LANE AND MEDIAN NOSE TO MEDIAN NOSE.
- QUALITY CONTROL: FURNISH A 15' MANUAL AND 15' ROLLING STRAIGHT EDGE FOR SMOOTHNESS AND TAKE A MINIMUM OF ONE (1) 6" CORE OF THE PAVED AREAS FOR EACH 100 FEET IN LENGTH.

  9. THE OPEN CUT TRENCH AREA WILL REQUIRE A MINIMUM OF 3-INCH TYPE SP-9.5 OR TYPE SP-12.5 PAVEMENT.

  10. ALL STRIPING, REFLECTORS OR OTHER EXISTING MARKINGS REMOVED BY OVERLAYING SHALL BE RESTORED TO ORIGINAL
- CONDITIONS PRIOR TO INITIAL ACCEPTANCE BY INSPECTOR.
- 11. MAINTENANCE OF TRAFFIC (MOT) PLANS MUST BE APPROVED BY OSCEOLA COUNTY PRIOR TO ANY CONSTRUCTION BEGINNING.
- 12. PAVEMENT MIX DESIGN TO BE SUBMITTED FOR APPROVAL.

### **OVERLAY STANDARDS:**

LOCAL STREETS: MINIMUM OF 50' ON EITHER SIDE OF OPEN CUT.

INTERSECTIONS: OVERLAY MUST COVER ALL INTERSECTION AREAS UP TO ALL PCs.

COLLECTORS AND ARTERIAL ROADS: NORMAL OVERLAY IS 150' EACH WAY. OVERLAY MAY EXTEND UP TO 750' EACH WAY FOR NEWLY CONSTRUCTED BOULEVARDS THAT ARE CONSIDERED FRAMEWORK ROADS (LESS THAN 5 YEARS OLD).

THE OVERLAY LIMITS MAY BE EXTENDED IN THE FIELD DUE TO SITE CONDITIONS (JOINTS, NEARBY DAMAGED PAVEMENT, ECT).

\*ALL OPEN CUTS MUST BE APPROVED BY THE COUNTY ENGINEER OR DESIGNEE.

#### COLLECTOR AND ARTERIAL ROADS:

OPEN CUT PERMITTED UNDER THESE CONDITIONS:

- **DURING EMERGENCY SITUATIONS:**
- LACK OF STAGING AREAS:
  POOR AND DETERIORATING PAVEMENT CONDITIONS:
  ROADWAY IS EARMARKED TO BE RESURFACED OR
- WIDENED WITHIN THE NEXT TWO (2) YEARS; OR ROADWAY IS PART OF AN APPROVED SITE DEVELOPMENT PLAN RECONSTRUCTION WORK.