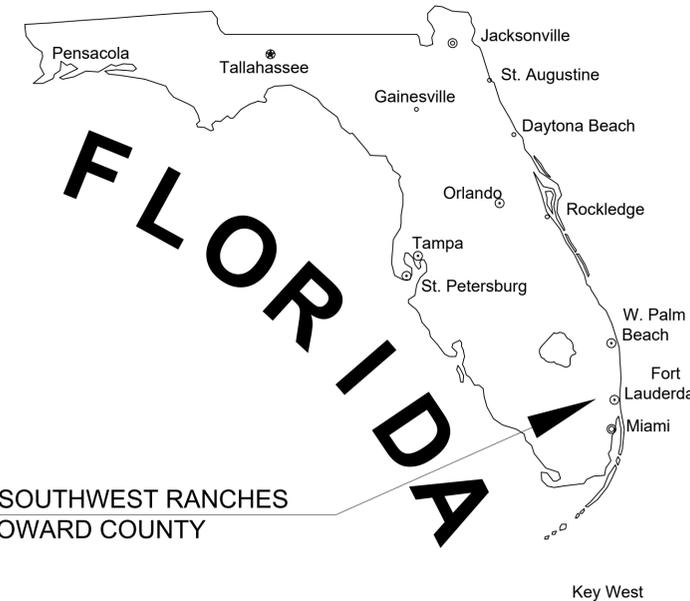
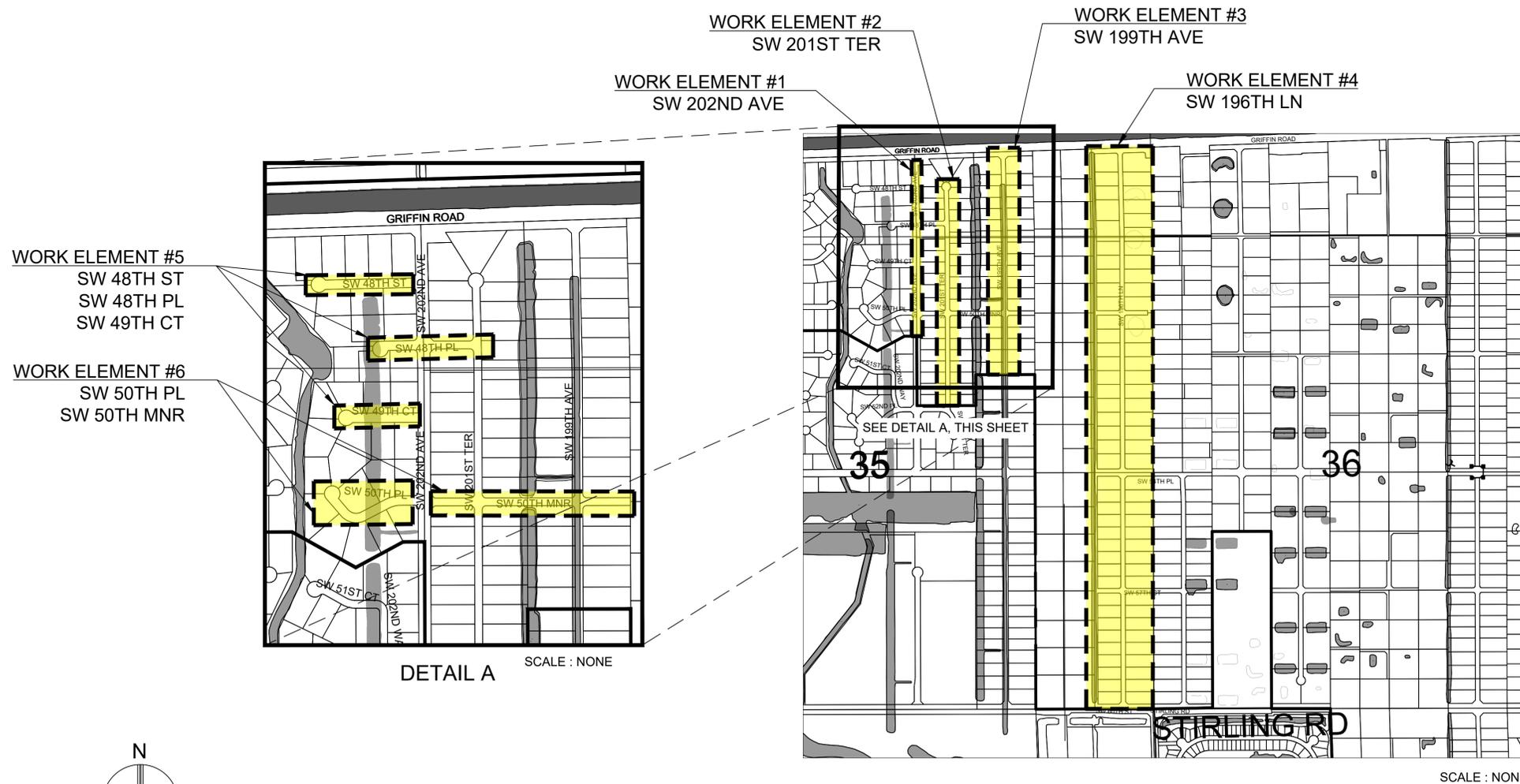


ENGINEERING PLANS FOR THE TOWN OF SOUTHWEST RANCHES TRANSPORTATION SURFACE & DRAINAGE ON GOING REHABILITATION (TSDOR) TOWN OF SOUTHWEST RANCHES, BROWARD COUNTY, FLORIDA



TOWN OF SOUTHWEST RANCHES
BROWARD COUNTY



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3	GI-003	GENERAL NOTES
4	CP-101	ROADWAY IMPROVEMENT PLAN - WORK ELEMENT #1 (SW 202ND AVE)
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11 - 15	CP-501 - CP-506	PAVING, GRADING, & DRAINAGE DETAILS

301 East Atlantic Boulevard
Pompano Beach, Florida 33060-6643

5805 Blue Lagoon Drive, Suite 218
Miami, Florida 33122

PH: (954) 788-3400

State of Florida Certificate of
Authorization Number - 7928

PREPARED FOR:
TOWN OF SOUTHWEST RANCHES
13400 GRIFFIN ROAD
SOUTHWEST RANCHES, FL 33330

PROJECT No. 08711.11 September 27, 2019

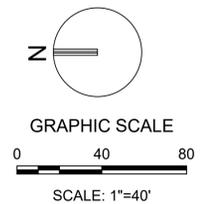
THESE PLANS MAY HAVE BEEN
REDUCED IN SIZE BY REPRODUCTION.
THIS MUST BE CONSIDERED WHEN
OBTAINING SCALED DATA.



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FLORIDA REG. NO. 32090
(FOR THE FIRM)

- LEGEND:**
- (M) EXISTING MAILBOX TO REMAIN
 - RIGHT-OF-WAY LINE
 - - - EX. EASEMENT LINE
 - - - EX. OVERHEAD WIRE
 - - - EX. UNDERGROUND WIRE
 - (Green Circle) CONSTRUCT SWALE AREA, REGRADE & RESOD PER TOWN STANDARDS (REFER TO SHEET CP-502), (8'-FT MIN WIDTH), CONTRACTOR TO CONFIRM SWALE CONSTRUCTION WILL NOT IMPACT EXISTING TO REMAIN CONDITIONS (INCLUDING EX. MAILBOXES, TREES, FENCES, UTILITY POLES, AND OTHER UTILITY INFRASTRUCTURE).
 - (Grey Box) PROP. ASPHALT PAVEMENT OVERLAY (1")
 - (Hatched Box) PROP. MILL AND RESURFACE ROADWAY
 - (Dotted Box) EX. CONCRETE DRIVEWAY
 - (Cross-hatched Box) EX. PAVER DRIVEWAY
 - (Light Grey Box) EX. ASPHALT DRIVEWAY

- GENERAL NOTES:**
- ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). SAID ELEVATIONS ARE BASED ON BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION BENCHMARK #3305, X CUT S.E. CORNER OF C.B. RIM 0.12 MILES WEST OF SW 202ND AVENUE AND 21 FEET NORTH OF GRIFFIN EDGE OF PAVEMENT, ELEVATION = 7.854 FEET (NGVD29); AND BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION BENCHMARK #3305, X CUT S.E. CORNER OF C.B. RIM 224 FEET WEST OF SW 196TH LANE AND 14 FEET NORTH OF THE NORTH EDGE OF PAVEMENT OF GRIFFIN ROAD, ELEVATION = 7.466 FEET (NGVD29). THE LEVEL RUN WAS PERFORMED IN NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29) AND CONVERTED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) USING NATIONAL GEODETIC SURVEY "VERTCON" AT SAID BENCHMARK #3305 TO DERIVE A (-) 1.52 OFFSET TO CONVERT FROM (NGVD29) TO (NAVD88).
 - PROPERTY LINES SHOWN HEREON ARE REFERENCED FROM THE BROWARD COUNTY PROPERTY APPRAISERS DATABASE.
 - ALL EXISTING ROAD SIGNS AND UTILITY POLES ARE TO REMAIN UNLESS OTHERWISE NOTED.
 - CONTRACTOR TO CUT & GRADE 2-FT SECTION ALONG THE EDGE OF ADJACENT ROADWAY IN AREAS WHERE NO NEW SWALE IS INDICATED ON PLANS. PLEASE REFER TO THE 2-FT WIDE EDGE CUT DETAIL ON SHEET CP-504.



BID / CONTRACT NO.:

REVISIONS

NO.	DESCRIPTION	DATE
1	AGENCY COMMENTS	10/12/20

SOUTHWEST RANCHES TRANSPORTATION SURFACE & DRAINAGE ON-GOING REHABILITATION (TSDOR)

SCALE: AS NOTED
 DATE ISSUED: September 27, 2019
 DRAWN BY: MB, VC
 DESIGNED BY: MC
 CHECKED BY: SW

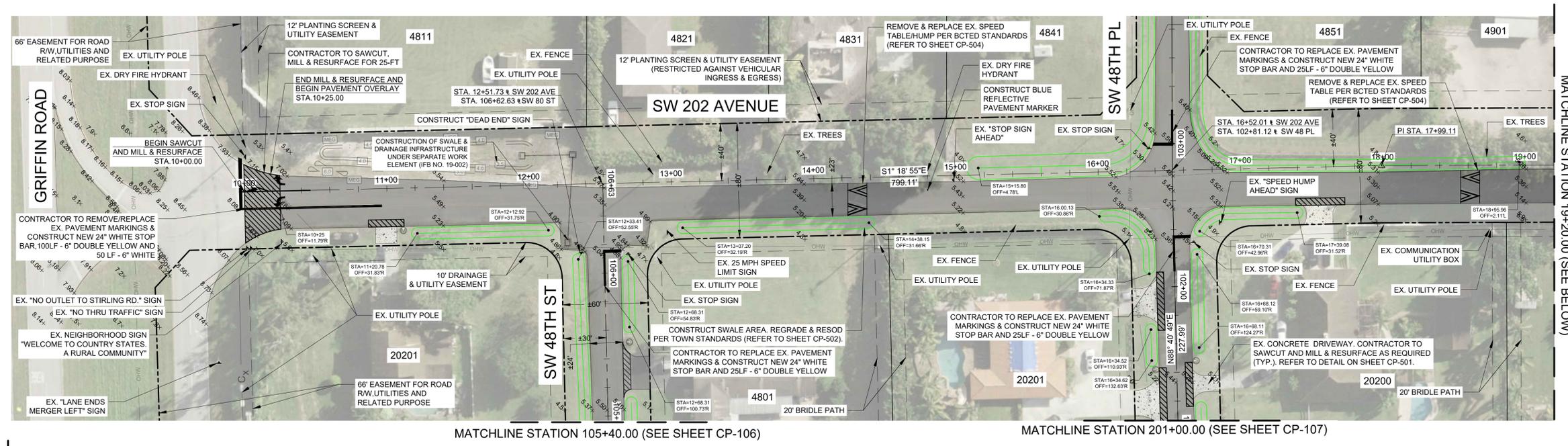


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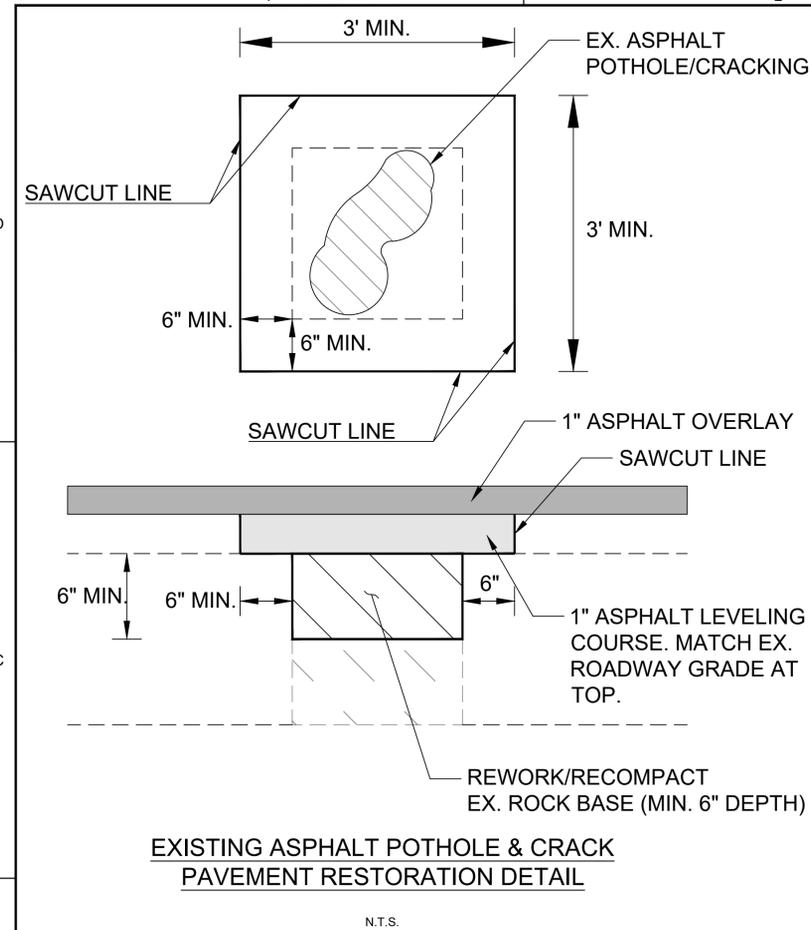
SHEET TITLE
 ROADWAY IMPROVEMENT PLAN-WORK ELEMENT #1 (SW 202ND AVENUE)

SHEET NUMBER
 CP-101

PROJECT NO. 08711.11



Drawing Name: N:\08711.11 - SW Ranches - Transportation Surface & Drainage\Engineering\CP-101.dwg
 Layout Name: CP-101.dwg
 Plotted on: Oct 13, 2020 - 2:13pm
 Plotted by: MBooke



Broward County Traffic Engineering Division's
Speed Humps Specifications

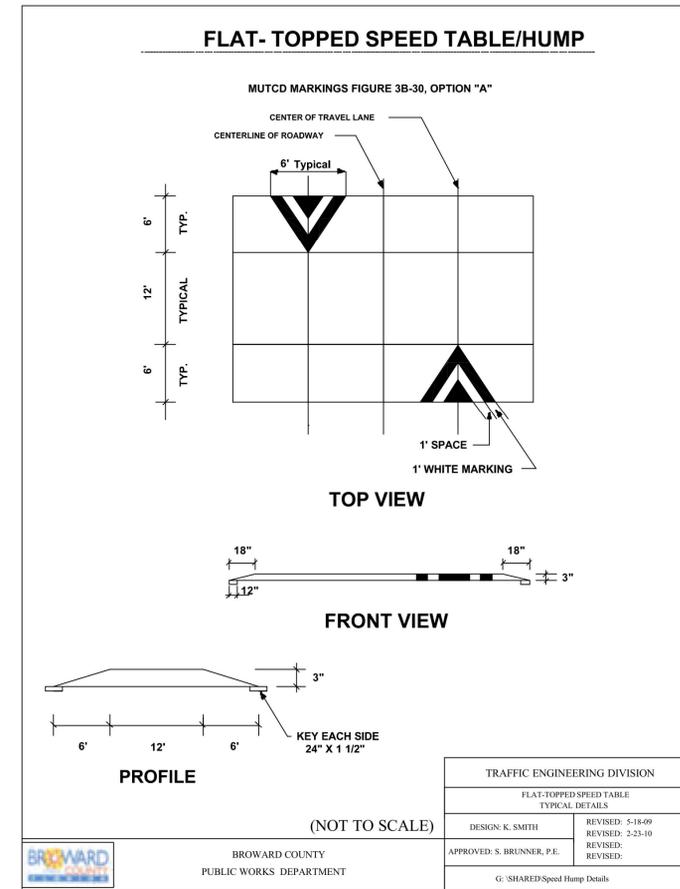
The following is a typical installation of a speed hump within the unincorporated area of Broward County.

- The speed hump shall be twenty-four (24) feet in length for the width of the roadway (typically twenty-four (24) feet), with the following characteristics:
 - Height of three (3) inches
 - Twelve (12) foot flat top
 - Six (6) foot transitions on both the near & far sides
 - Eighteen (18) inch transitions on both curb sides
- Key cut twenty-four (24) inches on both the near & far sides with twelve (12) inches next to speed hump and twelve inches underneath, for a depth of one and a half (1 1/2) inches.
- Key cut twelve (12) inches on both curb side edges, underneath the speed hump, for a depth of one and a half (1 1/2) inches.
- Pavement markings shall be in accordance with the Manual on Uniform Traffic Control Devices (MUTCD) Figure 3B-30 Option "A".
 - For each direction of travel, install two (2) Chevrons, one (1) foot white pavement marking, spaced one (1) foot apart for a length of six (6) feet centered on the transition only.
 - Six (6) inch white thermoplastic edge line to be replaced along side of the speed hump, if this edge line previously existed.
 - Centerline to be replaced based on BCTED Pavement Marking Policy:
 - Either a six (6) inch single yellow in thermoplastic as a ten (10) / thirty (30) skip line; or
 - Six (6) inch double yellow solid line in thermoplastic.

Other information:

- All speed humps shall be installed in two (2) lifts of S3 asphalt.
- Tack coat to be applied prior to laying the S3 asphalt.
- An approved Maintenance of Traffic Plan shall be established for each speed hump installation.
- Installation shall be in compliance with the FDOT Standards Specifications for Road and Bridge Construction 2010.

February 22, 2010; revised February 24, 2010; revised April 11, 2018



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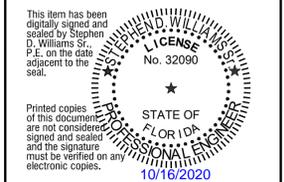
BID / CONTRACT NO. :

REVISIONS

NO.	DESCRIPTION	DATE
1	AGENCY COMMENTS	10/12/20

SOUTHWEST RANCHES
TRANSPORTATION
SURFACE & DRAINAGE
ON-GOING
REHABILITATION
(TSDOR)

SCALE: AS NOTED
DATE ISSUED: September 27, 2019
DRAWN BY: MB, VC
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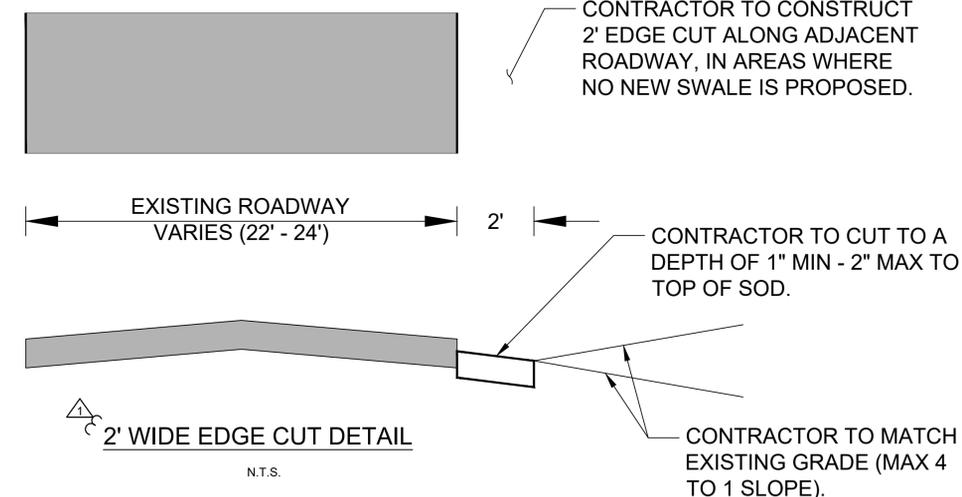
SHEET TITLE

PAVING, GRADING AND
DRAINAGE DETAILS

SHEET NUMBER

CP-504

PROJECT NO. 08711.11



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