

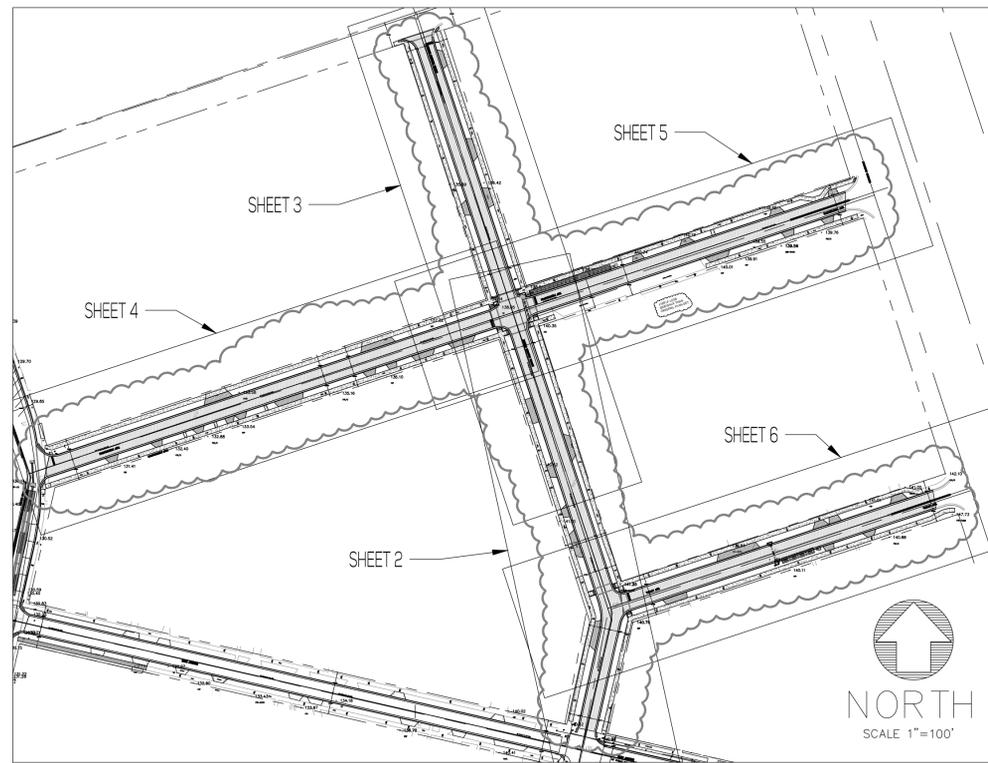
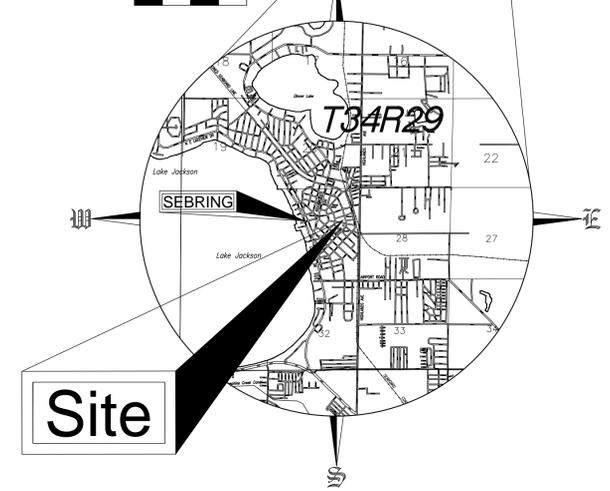
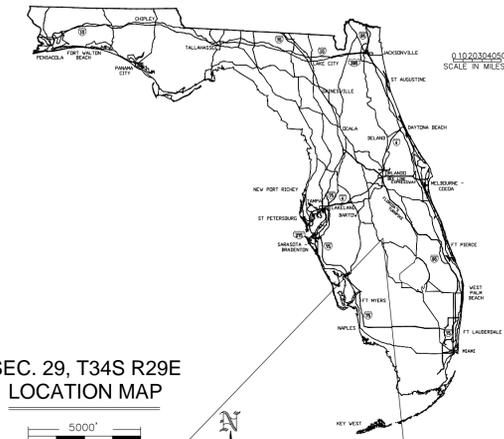
CONSTRUCTION PLANS FOR: SOUTH ORANGE ST., NASTURTIUM AVE., AND VIOLET AVE. MILLING, RESURFACING, DRAINAGE, AND SIDEWALK IMPROVEMENTS

PART OF THE SMALL CITIES - COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM

CATEGORY - NEIGHBORHOOD REVITALIZATION

ITB NO: 20-014

CITY OF SEBRING



PROJECT AREA

PROJECT: ORANGE STREET, NASTURTIUM AVE., AND VIOLET AVE. MILLING, RESURFACING, DRAINAGE, AND SIDEWALK IMPROVEMENTS. SEBRING, FL 33870 SEC. 13, TWP. 34S, RGE. 28E

OWNER: CITY OF SEBRING 368 S. COMMERCE AVE. SEBRING, FL 33870 (863) 471-5110

ENGINEER: ROGER DALE POLSTON, P.E. POLSTON ENGINEERING, INC. P.O. BOX 588 SEBRING, FL 33871-0588 (863) 385-5564 (863) 385-2462 FAX

CONTRACTOR: (TO BE PUT OUT FOR BID)

SURVEYOR: GERMAINE SURVEYING INC. 3803 KENILWORTH BLVD. SEBRING, FL 33870 (863) 385-6856

TESTING LAB: UNIVERSAL ENGINEERING SCIENCES INC. 5971 COUNTRY LAKES DRIVE FORT MYERS, FLORIDA 33905 (239) 995-1997 (239) 313-2347 FAX (OR OTHERS HIRED BY OWNER)

ROAD SURFACE AREA: 56,709 sq.ft. 1.31 acres
SIDEWALK AREA: 24,615 sq.ft. 0.67 acres
CURB REPLACEMENT: 4,923 linear feet
DRIVEWAY (CONCRETE): 8,955 sq.ft.

NOTES:
-QUANTITIES SHOWN ARE ENGINEER ESTIMATES.
-ALL ROAD STRIPING TO BE THERMOPLASTIC.
-ALL CONCRETE WORK TO UTILIZE 3,000 PSI CONCRETE.

Important:
The information and design shown on these drawings is based on the best available information provided for design. The drawing is to scale as much as possible; however no measurements should be made by scaling from these drawings as some items may be not to scale for drawing clarity. Any questions or conflicts should be brought to the engineer immediately for clarification or resolution. Polston Engineering Inc. shall not be responsible for any errors made by others caused by making assumptions or errors caused by scaling the plans. All construction shall follow the accepted safety procedures and construction techniques as required by any applicable government standards.

PROJECT LENGTH: MILLING & RESURFACING FEET 2,462 MILES 0.466

SHEET INDEX	
SHEET 1 -	COVER PAGE
SHEET 2 -	ORANGE ST. 1
SHEET 3 -	ORANGE ST. 2
SHEET 4 -	NASTURTIUM AVE. 1
SHEET 5 -	NASTURTIUM AVE. 2
SHEET 6 -	VIOLET AVE.
SHEET 7 -	DETAIL 1
SHEET 8 -	DETAIL 2
SHEET 9 -	DETAIL 3
SHEET 10 -	DETAIL 4

DATE	REMARK	CH
07-18-18	ORIGINAL SUBMITTAL	DRJ / ROP
05-05-20	DETAIL & NOTE REVISION	DRJ / RDP

BID SET

CERTIFICATE OF AUTHORIZATION # 6584
ROGER DALE POLSTON P.E. # 33222
MARVIN LUTHER WOLPE P.E. # 46030

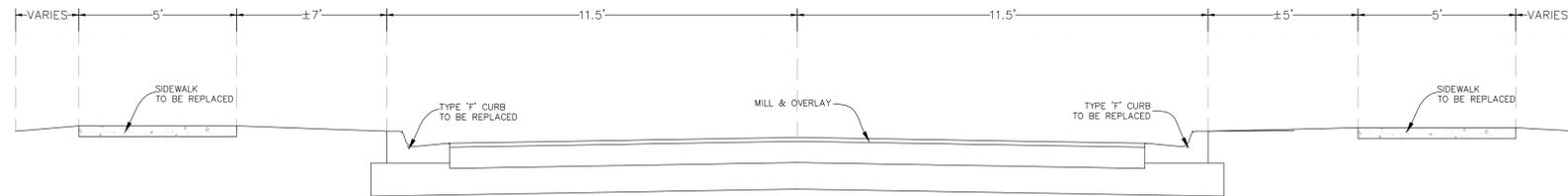


**CITY OF SEBRING
STREET IMPROVEMENTS
COVER PAGE**

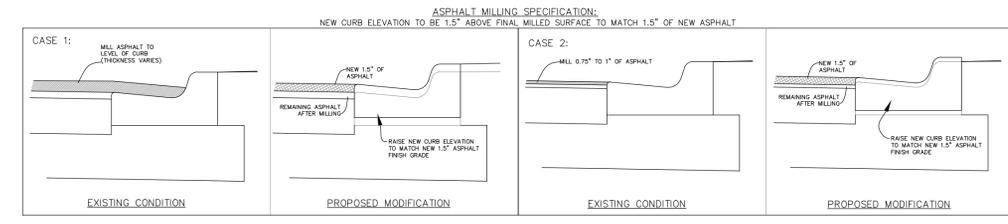
ENGINEER JOB #
15055

PERMIT SET
ORIGINAL SHEET SIZE: 24"x36"
DRAWING SCALE
N.T.S.
SHEET
1 OF 10

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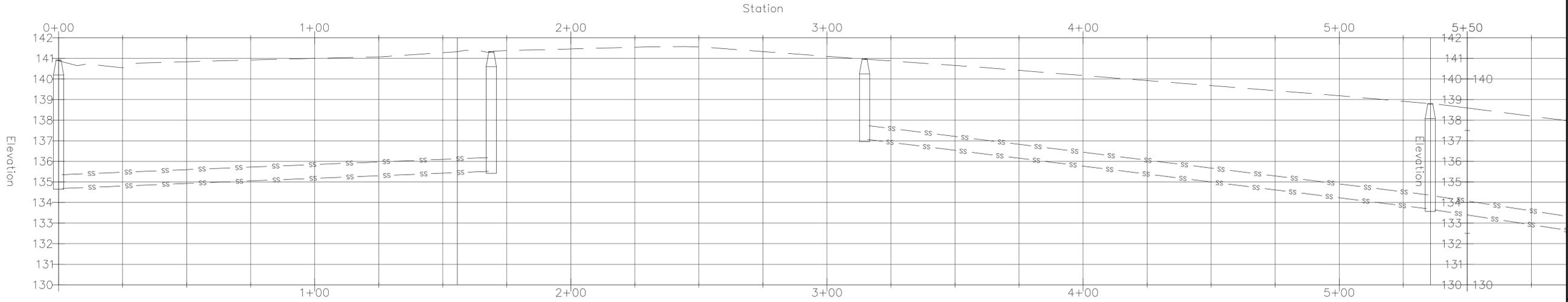
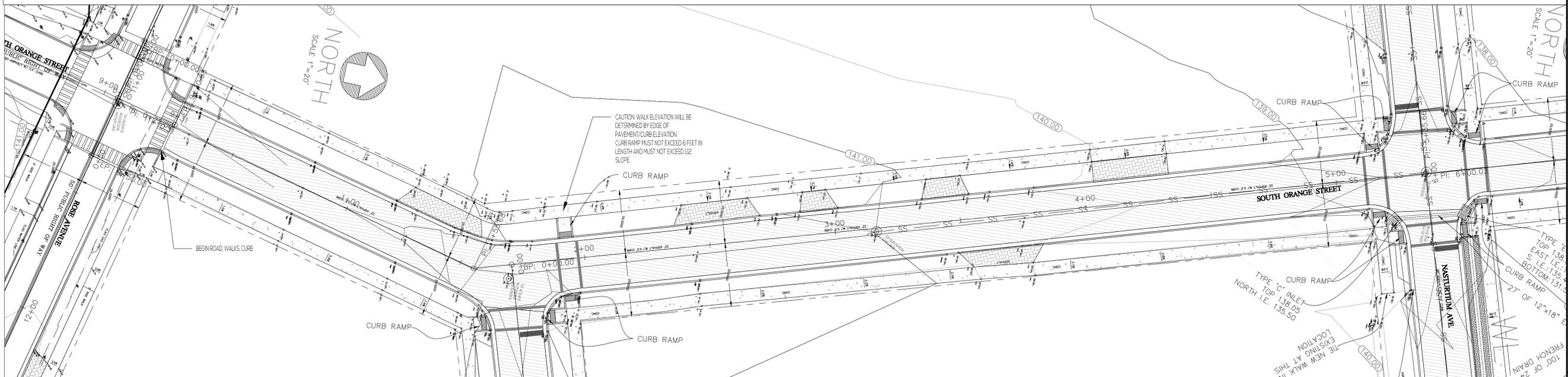
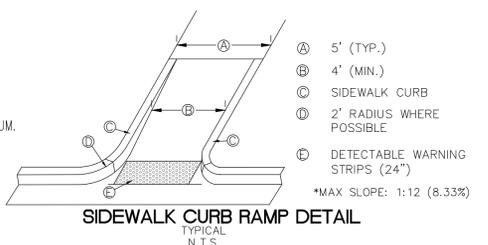


TESTING:
 - TESTING IS REQUIRED ON ALL DRIVEWAY CONSTRUCTION MATERIALS PLACED IN THE RIGHT-OF-WAY. NO AS-BUILT PLANS WILL BE ISSUED UNTIL CERTIFIED TEST REPORTS FROM THE TESTING LAB SHOW THAT THE SPECIFICATIONS HAVE BEEN MET OR EXCEEDED.
 - THE MATERIALS PLACED ON PRIVATE PROPERTY IN THE LOT SHALL ALSO BE TESTED TO SEE IF THE SPECIFICATIONS HAVE BEEN MET. TEST SHALL BE PERFORMED AT RANDOM LOCATIONS SPECIFIED BY THE ENGINEER AT THE RATE OF 1 TEST PER 4000 SQUARE FEET OF VEHICULAR SURFACE AREA. ANY FRACTIONS IN THE CALCULATION OF THE NUMBER OF TEST SHALL ALWAYS BE ROUNDED UP TO THE NEXT WHOLE NUMBER.
 - NO AS-BUILT WILL BE ISSUED UNTIL CERTIFIED TEST REPORTS FROM THE TESTING LAB SHOW THAT THE SPECIFICATIONS HAVE BEEN MET OR EXCEEDED OR UNLESS THERE IS WRITTEN AUTHORIZATION FROM THE OWNER TO THE ENGINEER ALLOWING THE OMITTING OF THE TESTING ON PRIVATE PROPERTY.
 - TEST RESULTS FOR ALL PAVEMENT WILL NEED TO BE SUBMITTED TO THE ENGINEER OF RECORD.



ROADWAY PAVING SPECIFICATION:
 STRUCTURAL COURSE: 1 1/2" SUPERPAVE ASPHALTIC CONCRETE, TYPE SP-9.5
 BASE COURSE: 8" SHELL ROCK LBR 100 (OR BASE GROUP 6 EQUIV.)
 STABILIZATION: 12" OF STABILIZATION COMPACTED TO 98% AS PER AASHTO T-180 SUB-BASE & SHOULDERS
 ALL NEW CURBING TO HAVE BASE STABILIZED PER SPECIFICATIONS LISTED ABOVE.
 REFER TO DETAILS HEREIN FOR ASPHALT THICKNESS FOR PATCH AREAS OF CULVERT CROSSINGS.
 NEW ASPHALT DUE TO PATCHES TO HAVE 2" OF ASPHALT MATERIAL THICKNESS MINIMUM.

NOTE:
 - ALL CURB RAMPS WITHIN THE PROJECT AREA ARE TO HAVE DETECTABLE WARNING STRIPS INSTALLED.
 - PROJECT AREA CONSISTS OF ALL ROADWAYS, SIDEWALKS, AND CURBING THAT WILL BE REPLACED AND ADJACENT WALKS TO THESE ITEMS.



DATE	REMARK	DR	CH
07-18-18	ORIGINAL SUBMITTAL	DRJ	RDP
09-05-20	DETAIL & NOTE REVISION	DRJ	RDP

BID SET
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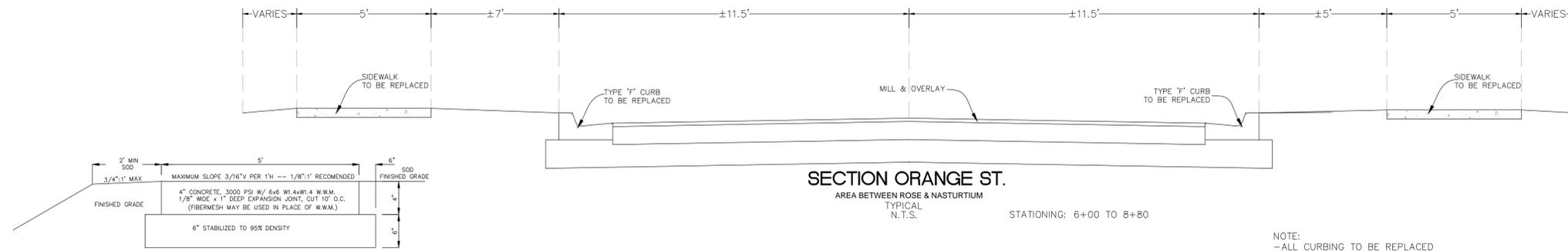
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 2925 KENILWORTH BLVD., SEBRING, FLORIDA 33870
 863-385-5664 PHONE -- 863-385-2462 FAX

CITY OF SEBRING
STREET IMPROVEMENTS
ORANGE ST. - ROSE TO NASTURTIUM

PERMIT SET
 ORIGINAL SHEET SIZE: 24"x36"
 DRAWING SCALE:
1" = 20'
 SHEET
2 OF 10

ENGINEER JOB #
15055

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ADA SIDEWALK REQUIREMENTS:
 -RUNNING SLOPE MUST NOT EXCEED 5% (1:20), OTHERWISE IT IS CONSIDERED A RAMP
 -MAXIMUM CROSS SLOPE MUST NOT EXCEED 1.5% (3/16\"/>

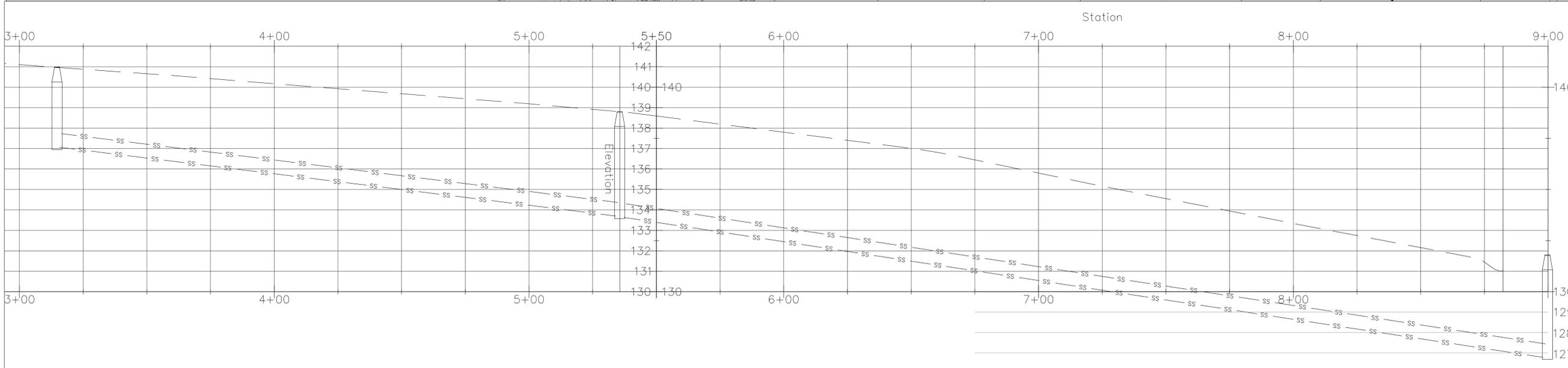
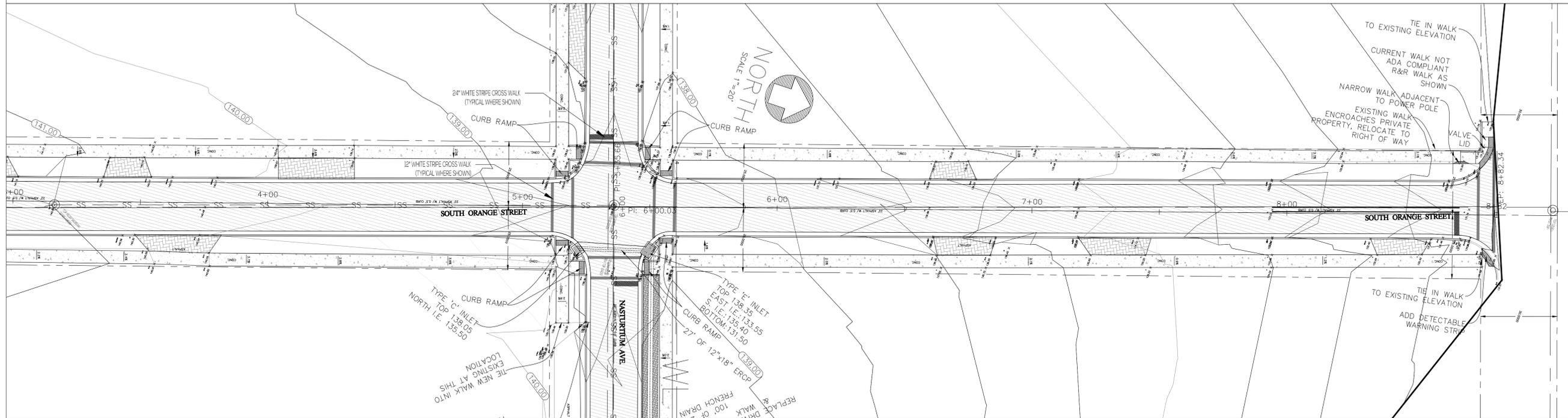
RAMPS (SLOPE GREATER THAN 1:20 OR 5%):
 -RAMPS WITH SLOPE 1:20 (5%) TO 1:16(6.25%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 40\"/>

HANDRAIL REQUIREMENTS:
 -IF A RAMP RUN HAS A RISE GREATER THAN 6\"/>

NOTE:
 -ALL CURBING TO BE REPLACED
 -ALL WALKS TO BE REPLACED AS SHOWN ON PLAN (HATCHED AREAS)
 -ALL DRIVEWAY APRONS ALONG THE PROJECT AREA ARE TO BE REPLACED.
 -CAUTION: IN CERTAIN AREAS WALK ELEVATION WILL BE DETERMINED BY EDGE OF PAVEMENT/CURB ELEVATION. CURB RAMP MUST NOT EXCEED 6 FEET IN LENGTH AND MUST NOT EXCEED 1:12 SLOPE
 -INTERSECTIONS AND WALKS ADJACENT TO CURB RAMPS MAY NEED ELEVATIONS ADJUSTED TO MAINTAIN THIS CRITERIA.



SIDEWALK DETAILS



DATE	REMARK
07-18-18	ORIGINAL SUBMITTAL
05-05-20	DETAIL & NOTE REVISION

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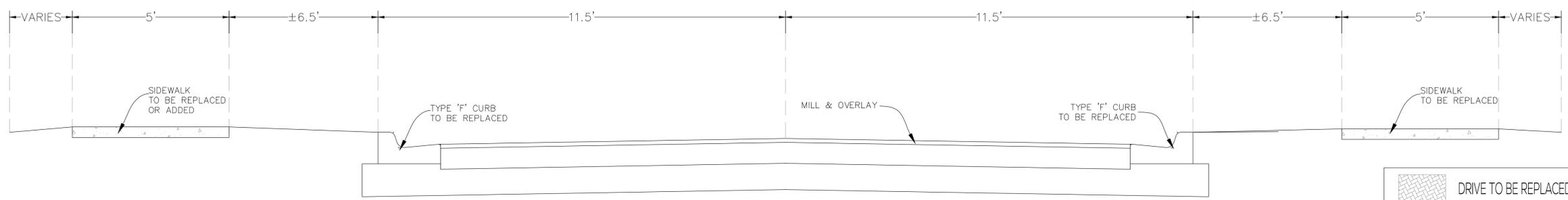
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CITY OF SEBRING
STREET IMPROVEMENTS
ORANGE ST. - NASTURTIUM TO EAST CENTER

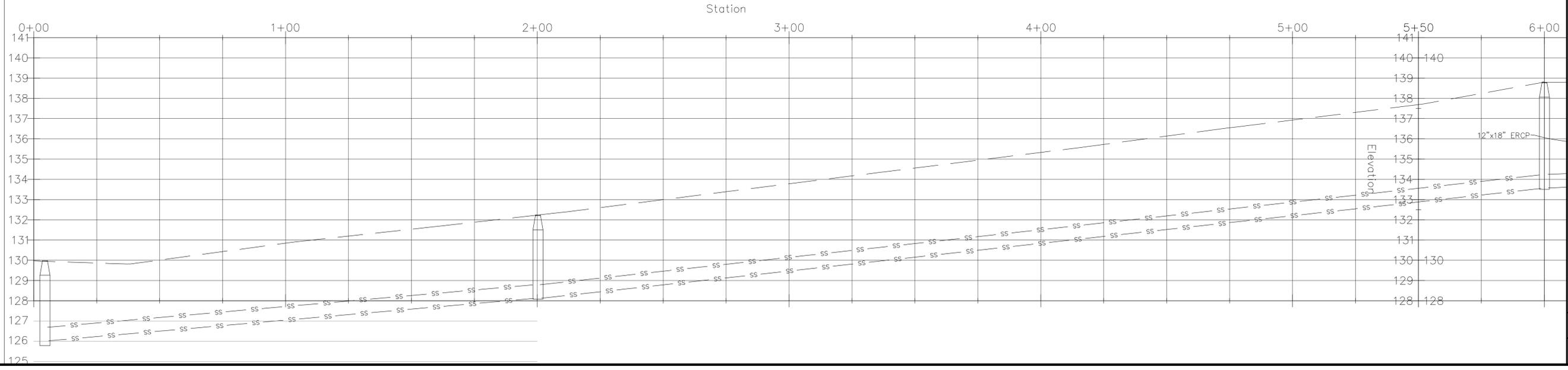
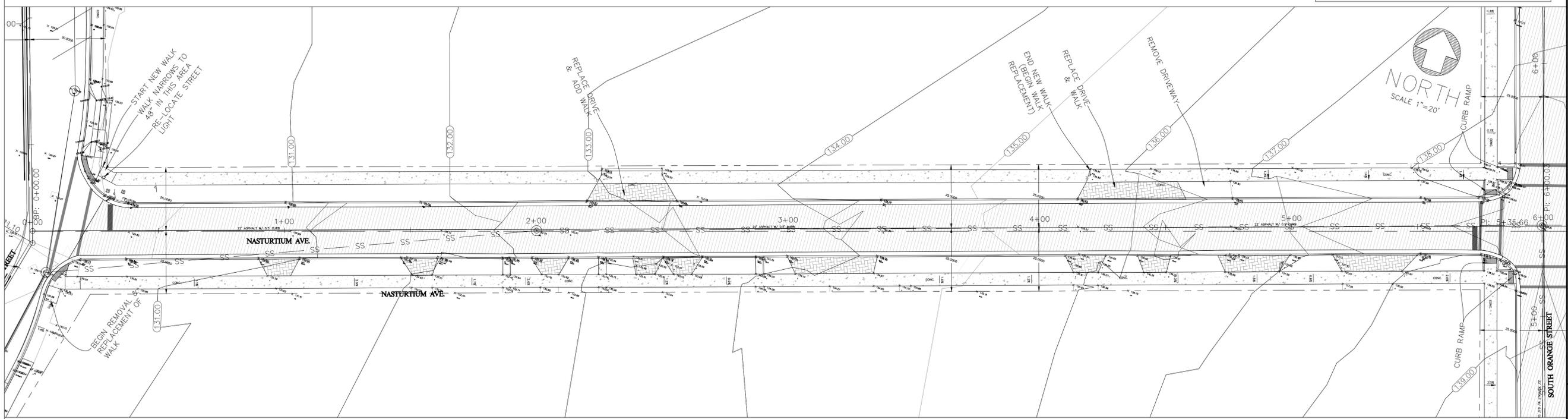
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1" = 20'
 SHEET
3 OF 10

DATE	REMARK	DR	CH
07-18-18	ORIGINAL SUBMITTAL	DRJ	RDP
05-05-20	DETAIL & NOTE REVISION	DRJ	RDP



- DRIVE TO BE REPLACED
- SIDEWALK TO BE REPLACED / ADDED
- ROAD TO BE MILLED/OVERLAYED



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ENGINEER JOB # **15055**

CITY OF SEBRING
STREET IMPROVEMENTS
NASTURTIUM AVE. - PINE TO ORANGE

PERMIT SET
 ORIGINAL SHEET SIZE: 24"x36"
 DRAWING SCALE
1" = 20'
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4 OF 10

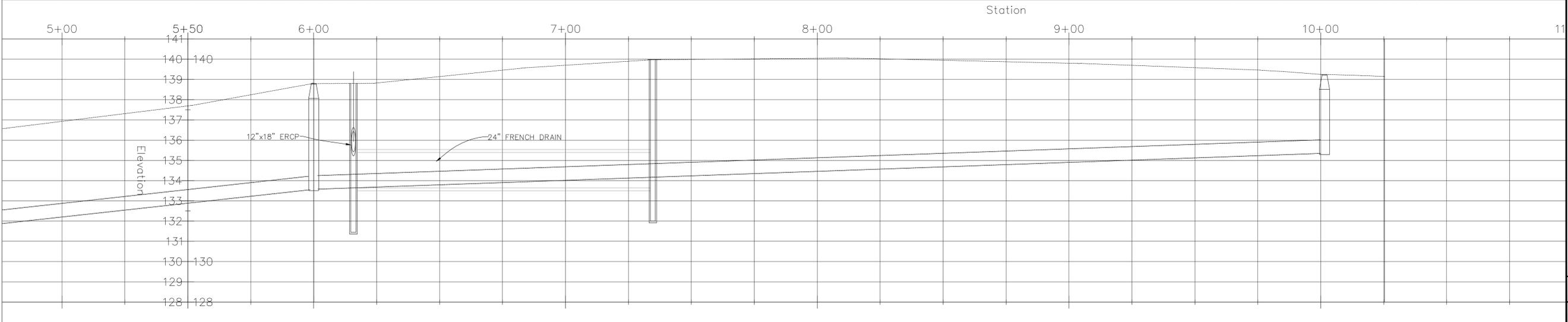
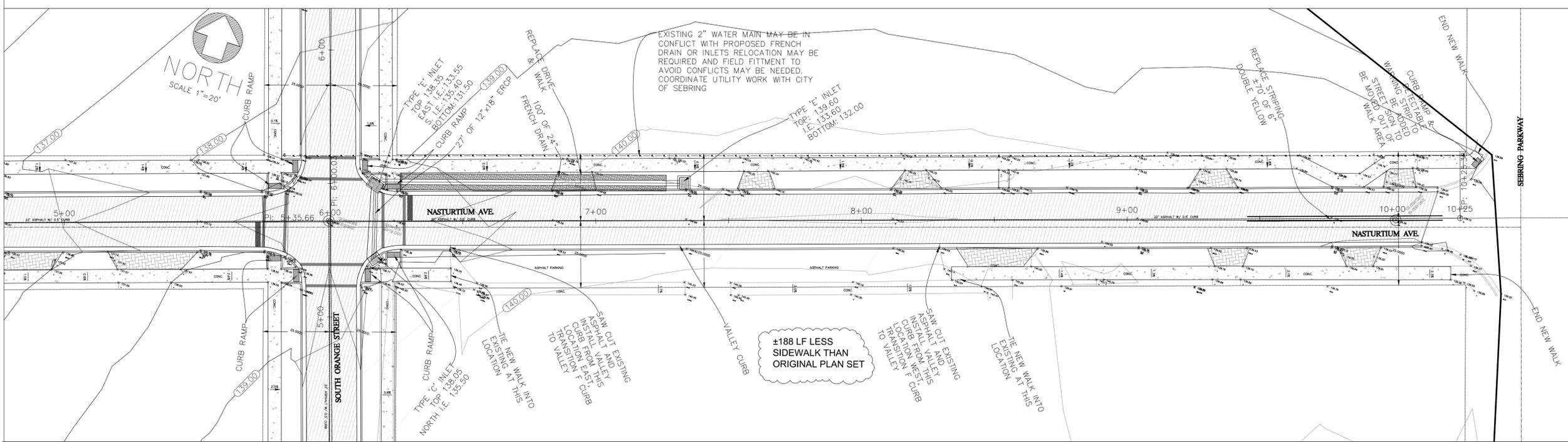
DATE	REMARK	DR	CH
07-18-18	ORIGINAL SUBMITTAL	DRJ	RDP
06-04-20	SIDEWALK & DRAINAGE REVISION	DRJ	RDP



DRIVE TO BE REPLACED
 SIDEWALK TO BE REPLACED / ADDED
 ROAD TO BE MILLED/OVERLAYED

NASTURTIUM AVENUE IMPROVEMENTS:
 -MILLING A MINIMUM OF 1" OF ASPHALT AND PAVE A MINIMUM OF 1.5" OF ASPHALT TYPE SP-9.5.
 -COMPLETE REMOVAL OF THE EXISTING CURB FRENCH DRAIN INLETS.
 -INSTALLATION OF NEW INLETS AS SHOWN.
 -INSTALLATION OF FRENCH DRAIN UNDER THE EXISTING SOUTHERLY CURB.
 -REMOVAL AND REPLACEMENT OF 'F' CURB.
 -ANY WATER LINE CONFLICTS TO BE COORDINATED WITH THE CITY OF SEBRING UTILITY DEPARTMENT FOR RELOCATION, IF NEEDED.

SECTION NASTURTIUM AVE.
 AREA BETWEEN PINE ST. & SEBRING PKWY.
 TYPICAL
 N.T.S.



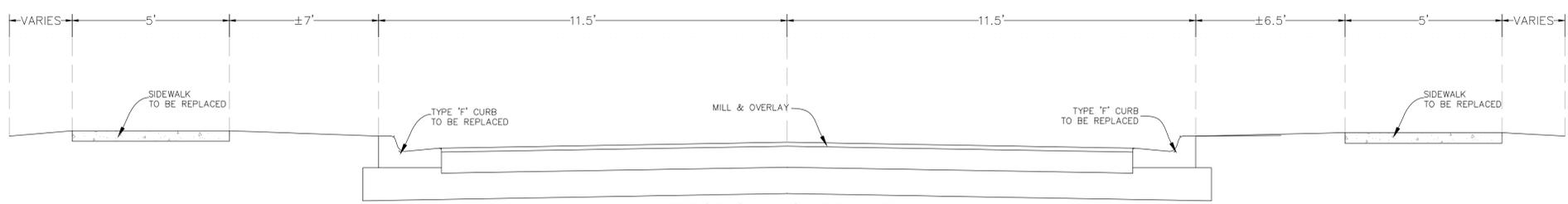
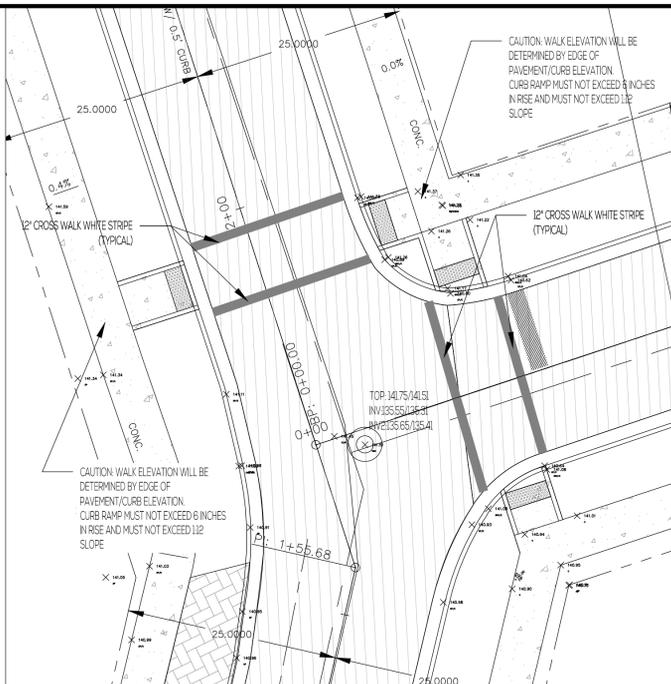
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CITY OF SEBRING
 STREET IMPROVEMENTS
 NASTURTIUM AVE. - ORANGE TO SEBRING PKWY.
 ENGINEER JOB # **15055**

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5 OF 10

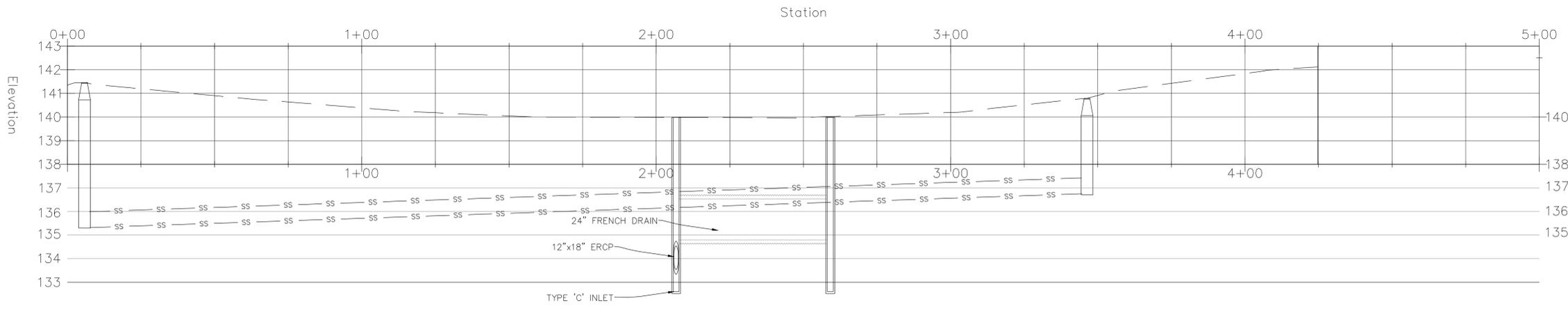
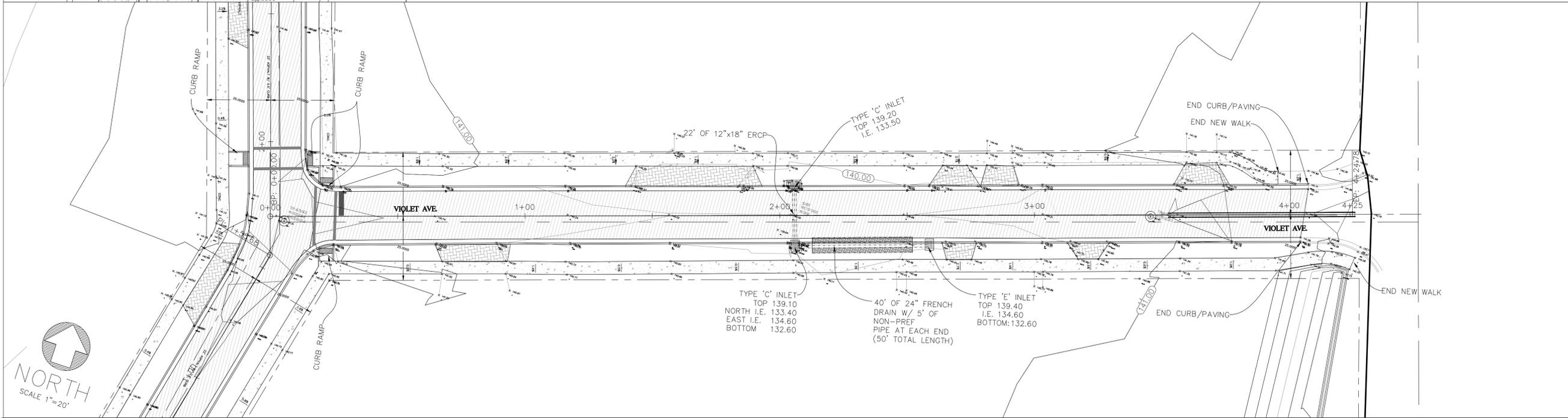
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 MARVIN LUTHER WOLFE P. E. # 46030
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SECTION VIOLET AVE.
 AREA BETWEEN ORANGE & SEBRING PKWY.
 TYPICAL
 N.T.S. STATIONING: 0+00 TO 6+00

VIOLET AVENUE IMPROVEMENTS:
 -MILLING A MINIMUM OF 1" OF ASPHALT AND PAVE A MINIMUM OF 1.5" OF ASPHALT TYPE SP-9.5.
 -COMPLETE REMOVAL OF THE EXISTING CURB FRENCH DRAIN INLETS.
 -INSTALLATION OF 2 NEW 'C' INLETS WITH A 12"x18" ERCP CONNECTOR PIPE.
 -INSTALLATION OF FRENCH DRAIN UNDER THE EXISTING SOUTHERLY CURB.
 -REMOVAL AND REPLACEMENT OF 'F' CURB.
 -ANY WATER LINE CONFLICTS TO BE COORDINATED WITH THE CITY OF SEBRING UTILITY DEPARTMENT FOR RELOCATION, IF NEEDED.

	DRIVE TO BE REPLACED
	SIDEWALK TO BE REPLACED / ADDED
	ROAD TO BE MILLED/OVERLAYED



DATE	REMARK
07-18-18	ORIGINAL SUBMITTAL
05-05-20	DETAIL & NOTE REVISION

BID SET

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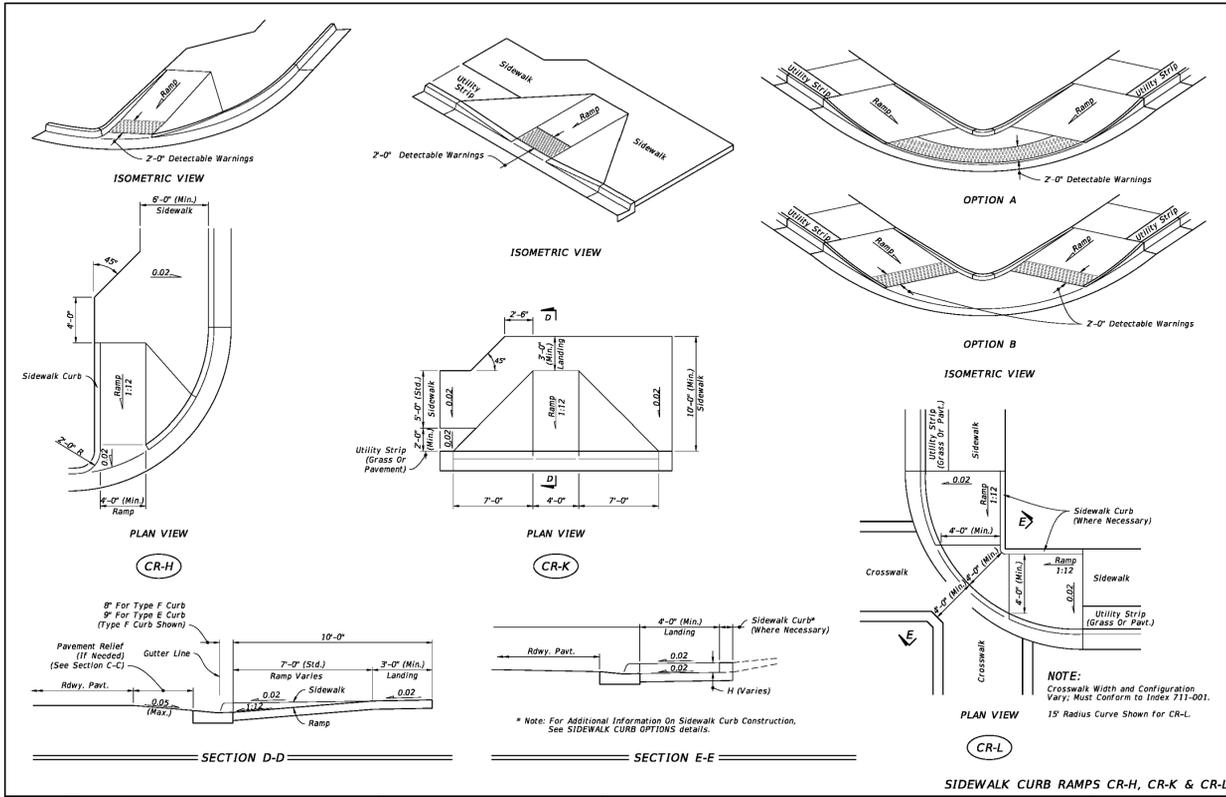
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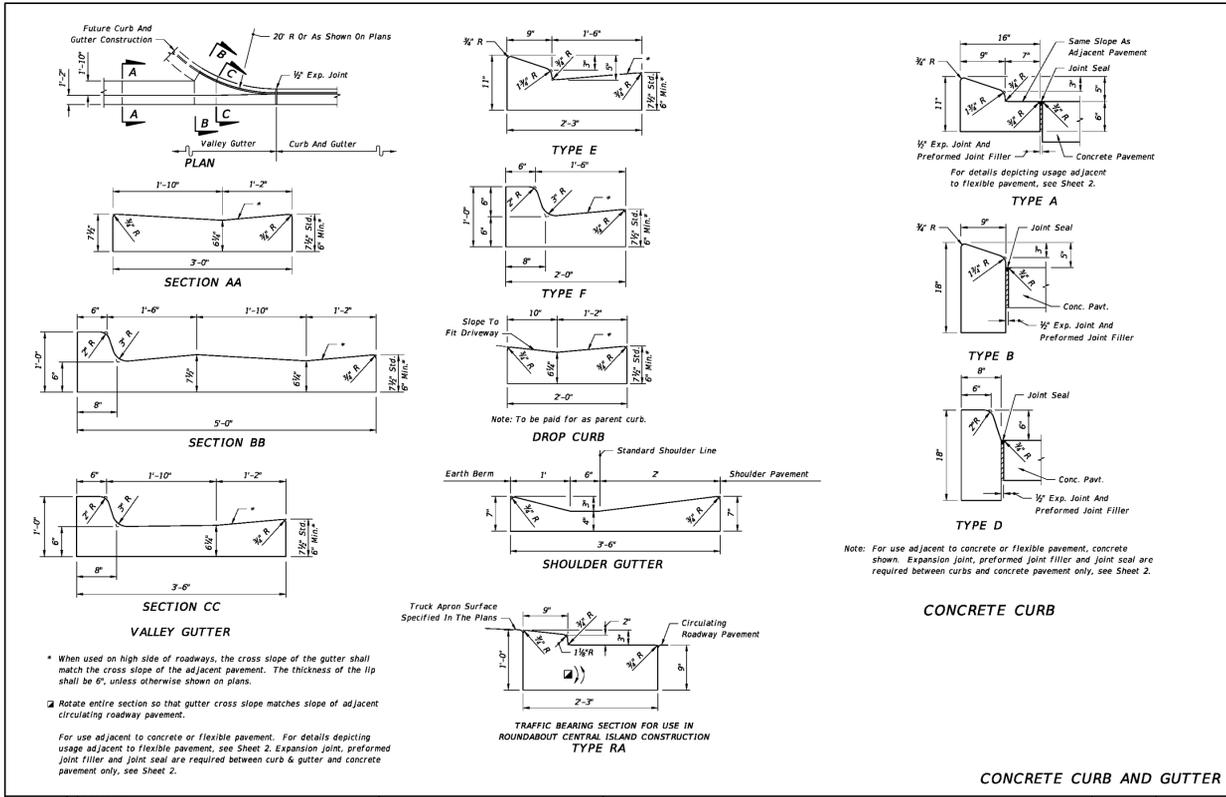
CITY OF SEBRING
STREET IMPROVEMENTS
VIOLET AVE. - ORANGE TO SEBRING PKWY.

ENGINEER JOB # **15055**

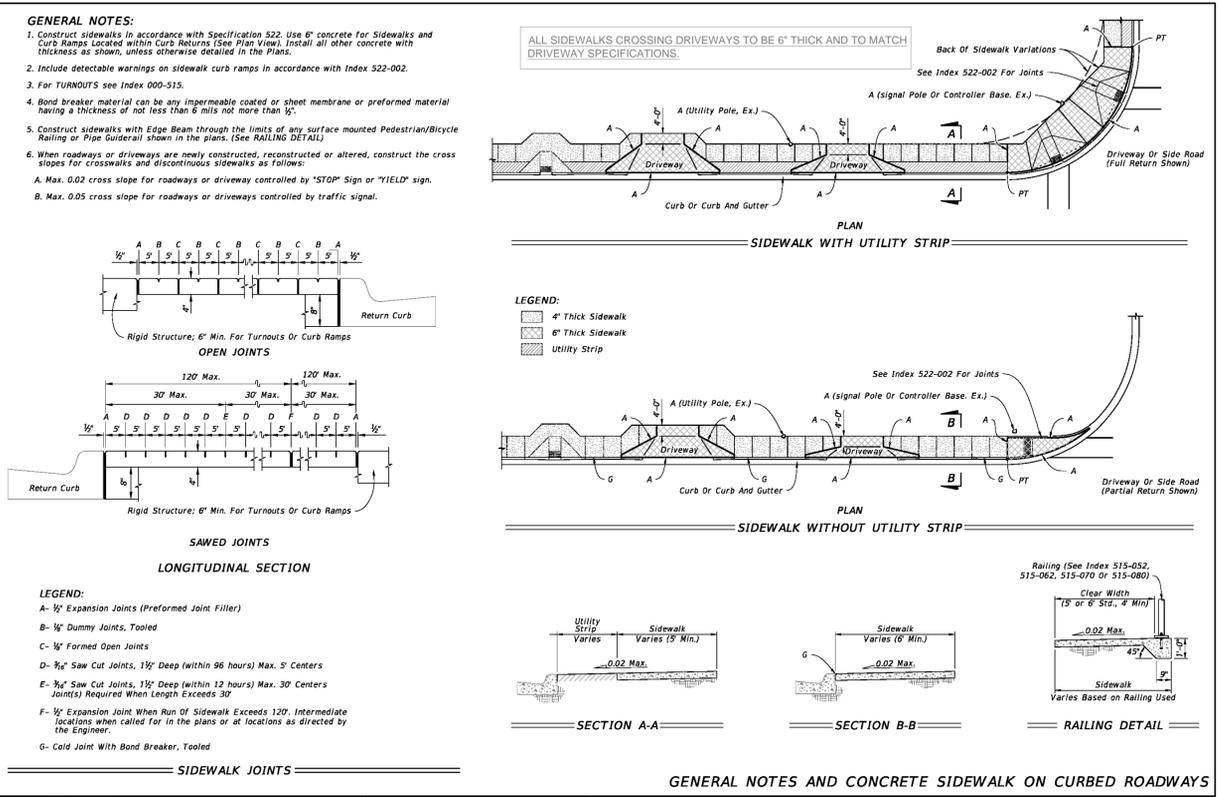
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1" = 20'
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6 OF 10



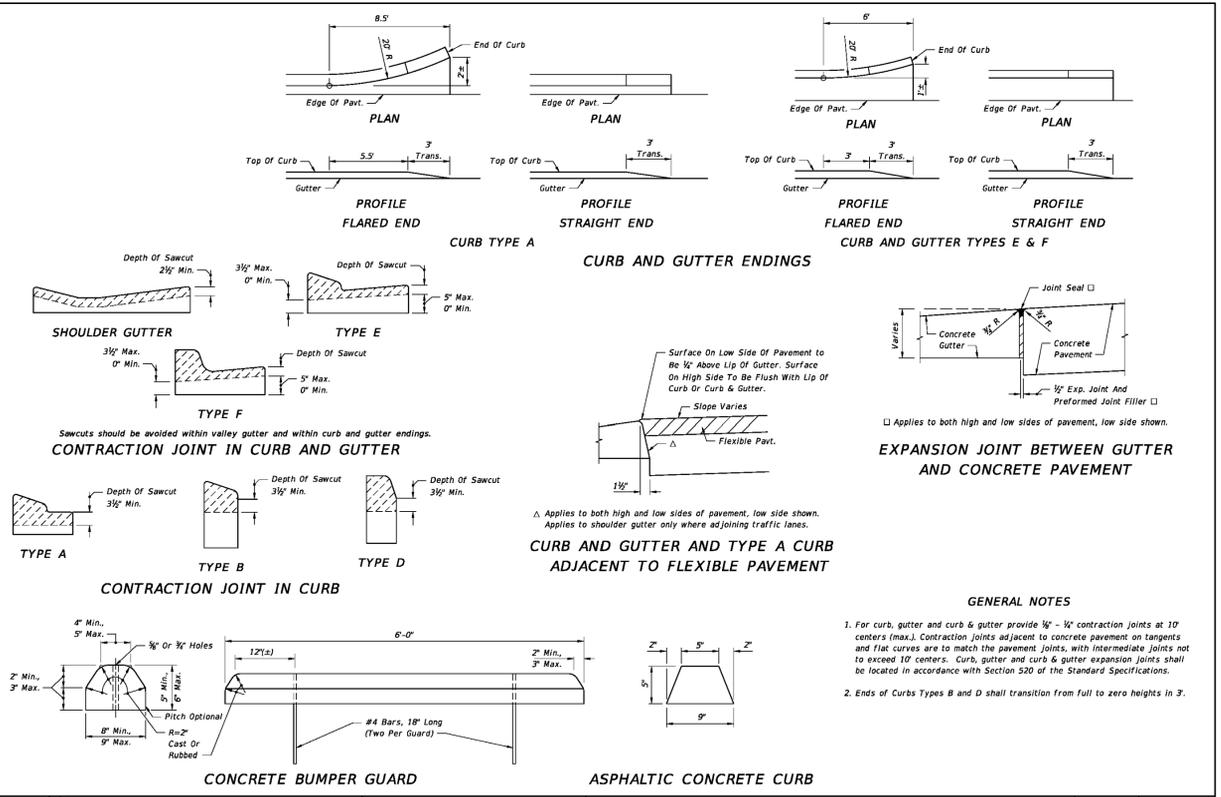
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LAST REVISION 11/01/17	DESCRIPTION:	FDOT	FY 2018-19 STANDARD PLANS	CURB AND GUTTER	INDEX 520-001	SHEET 1 of 2
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LAST REVISION 11/01/17	DESCRIPTION:	FDOT	FY 2018-19 STANDARD PLANS	CONCRETE SIDEWALK	INDEX 522-001	SHEET 1 of 2
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LAST REVISION 11/01/17	DESCRIPTION:	FDOT	FY 2018-19 STANDARD PLANS	CURB AND GUTTER	INDEX 520-001	SHEET 2 of 2
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CH	DR	DR	RDP
07-18-18	DATE	07-18-18	DATE
ORIGINAL SUBMITTAL	REMARK		

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MARVIN LUTHER WOLFE, P.E. #46650

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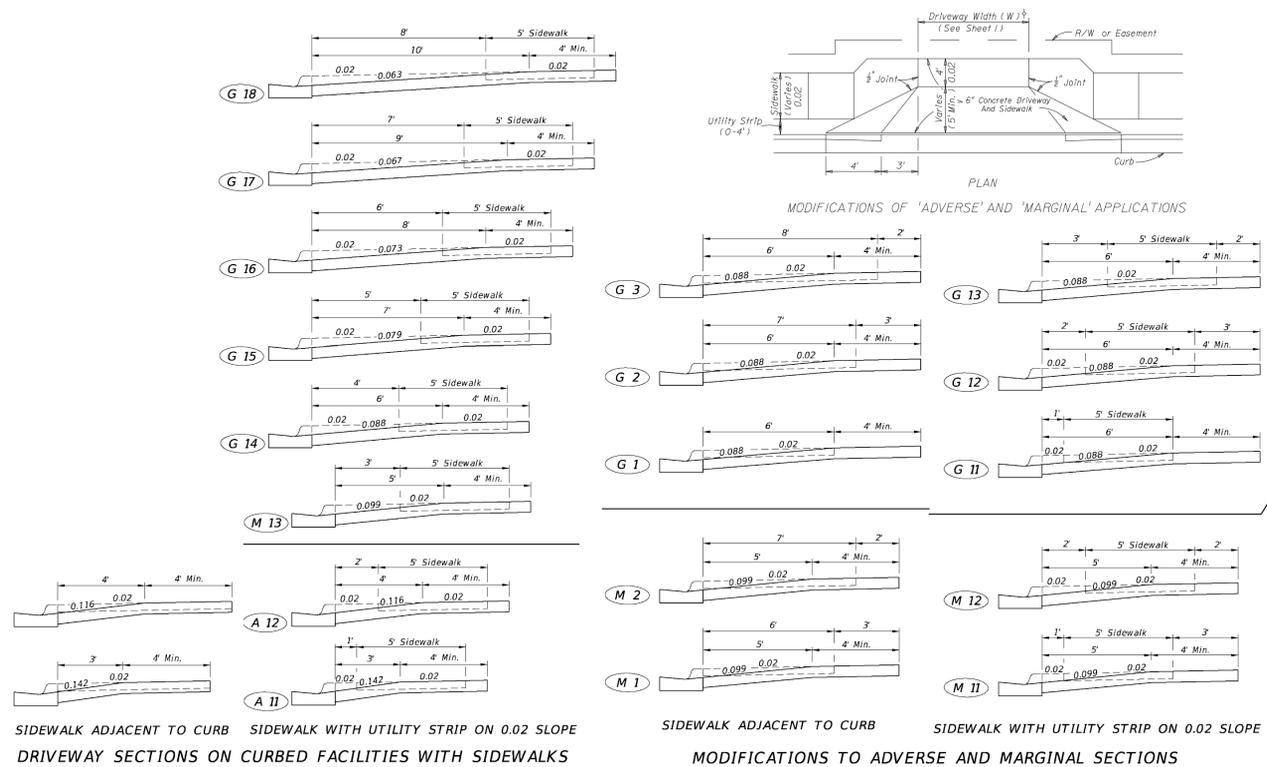
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CITY OF SEBRING STREET IMPROVEMENTS DETAILS

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DRAWING SCALE
N.T.S.
SHEET **9 OF 10**

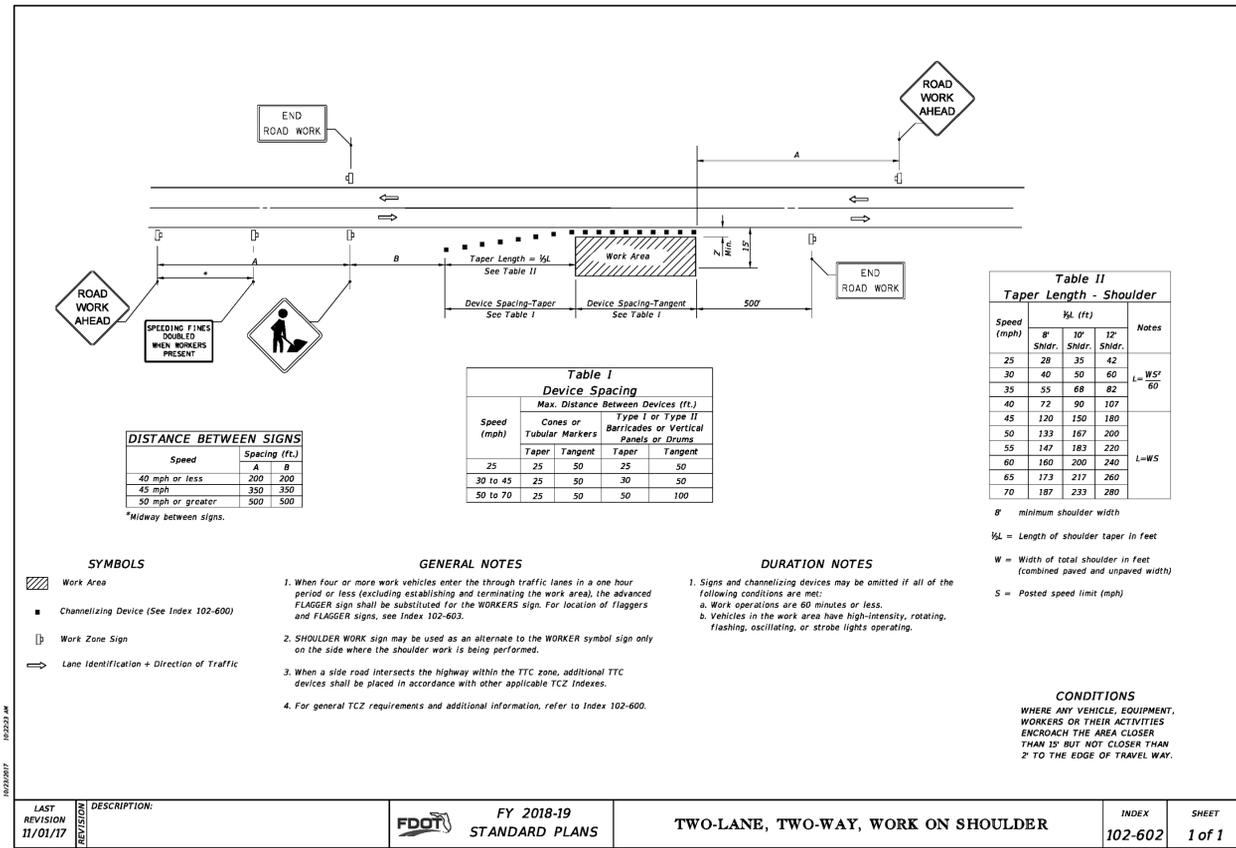
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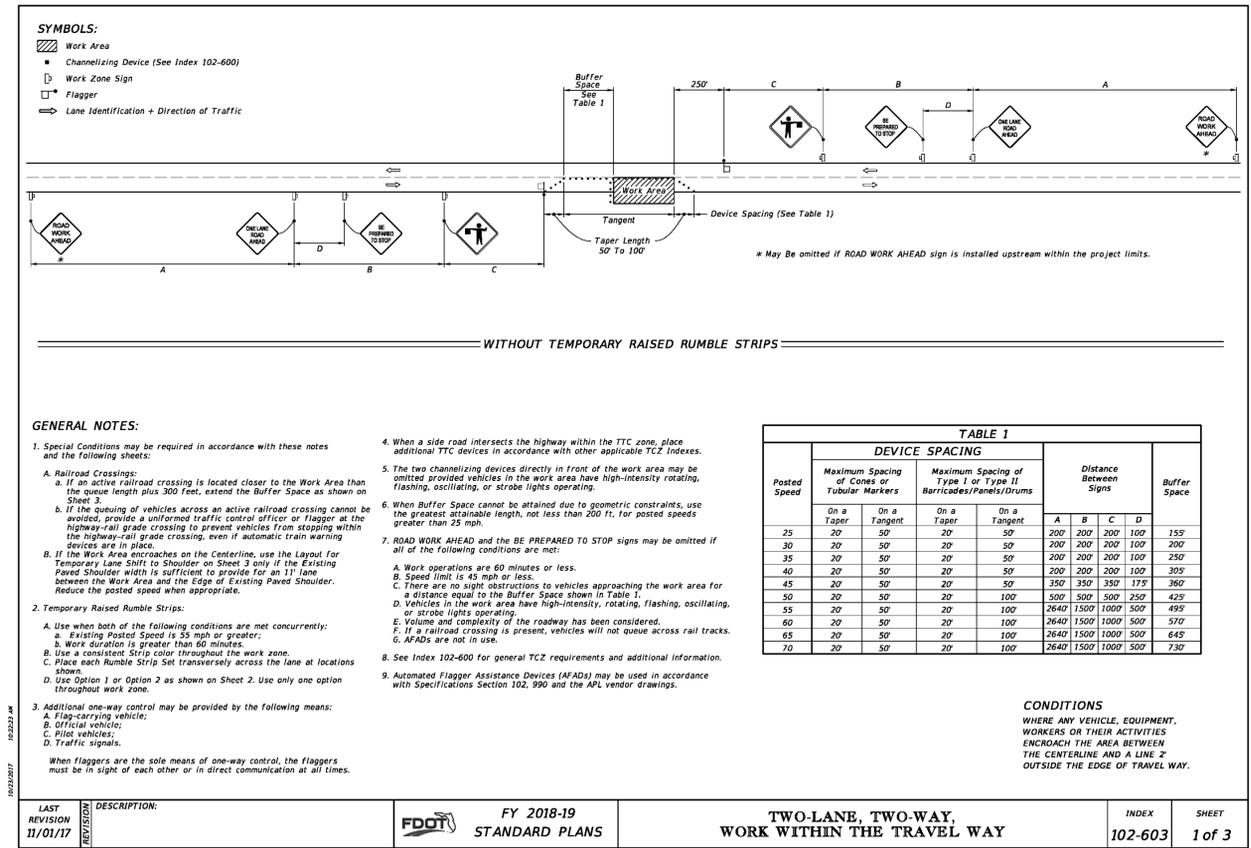


FDOT 2014 DESIGN STANDARDS
 INDEX NO. 515
 SHEET NO. 3 OF 7

FDOT 2014 DESIGN STANDARDS
 INDEX NO. 515
 SHEET NO. 4 OF 7



LAST REVISION: 11/01/17
 DESCRIPTION: FY 2018-19 STANDARD PLANS
 INDEX: 102-602
 SHEET: 1 of 1



LAST REVISION: 11/01/17
 DESCRIPTION: FY 2018-19 STANDARD PLANS
 INDEX: 102-603
 SHEET: 1 of 3