

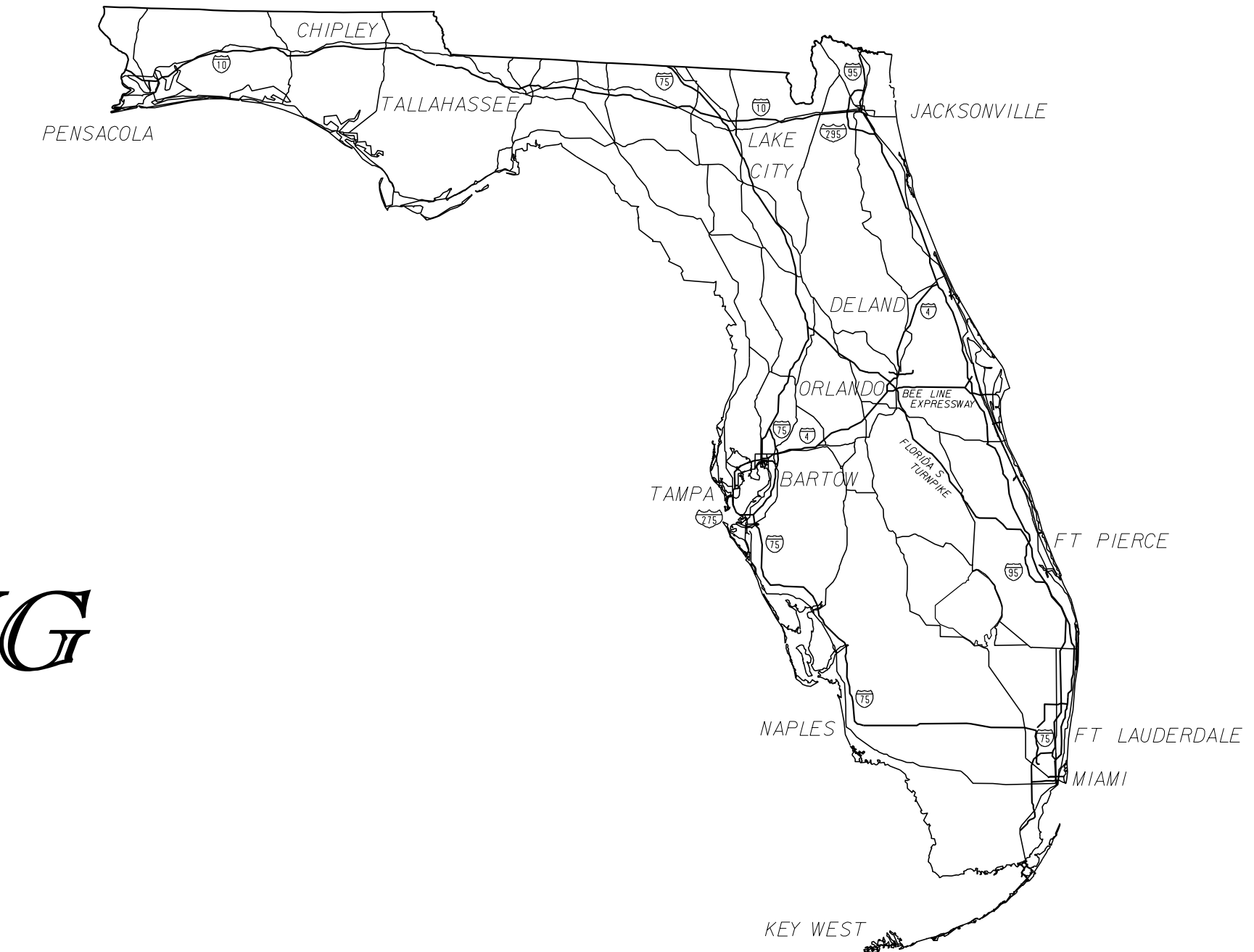
INDEX OF ROADWAY PLANS

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CITY OF KEY WEST
CONTRACT PLANS

FDOT FPID NO. 435497-2-58-01

SOUTHARD STREET
MILLING AND RESURFACING



LOCATION OF PROJECT



100% PLANS
REVISED
APRIL 2021

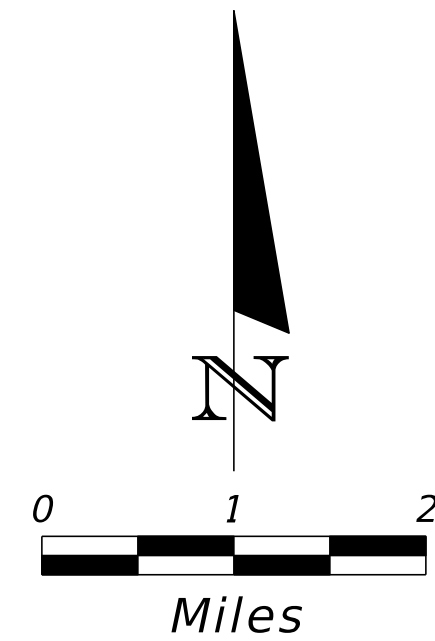
PLANS PREPARED BY:

Kimley»Horn

445 24TH STREET, SUITE 200
VERO BEACH, FL 32960
(772) 794-4100
PROJECT NUMBER: 147025014



Know what's below.
Call before you dig.



GOVERNING STANDARDS AND SPECIFICATION
FLORIDA DEPARTMENT OF TRANSPORTATION
FY 2020-21 STANDARD PLANS
AND STANDARD SPECIFICATIONS FOR ROAD AND
BRIDGE CONSTRUCTION DATED JULY 2020.
AS AMENDED BY CONTRACT DOCUMENTS.

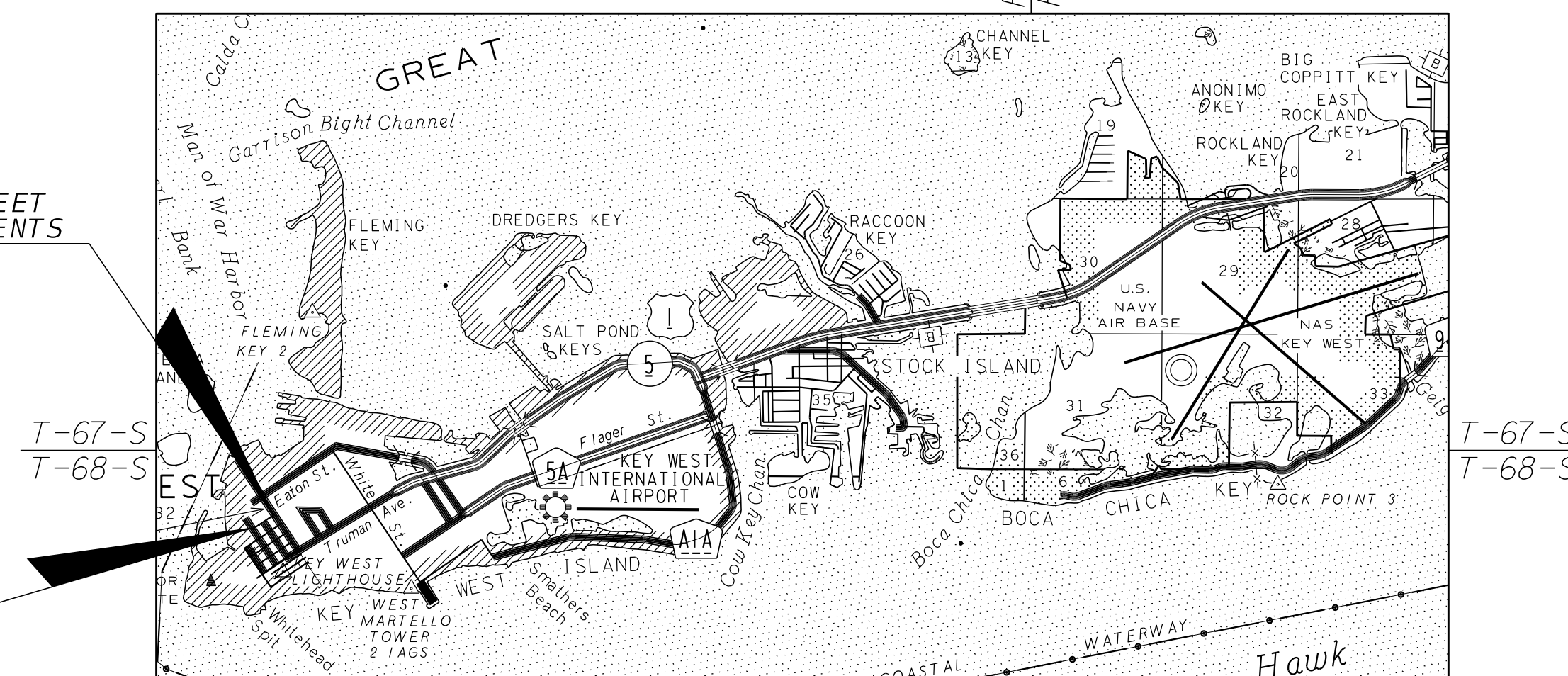
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APPLICABLE DESIGN STANDARDS MODIFICATIONS:

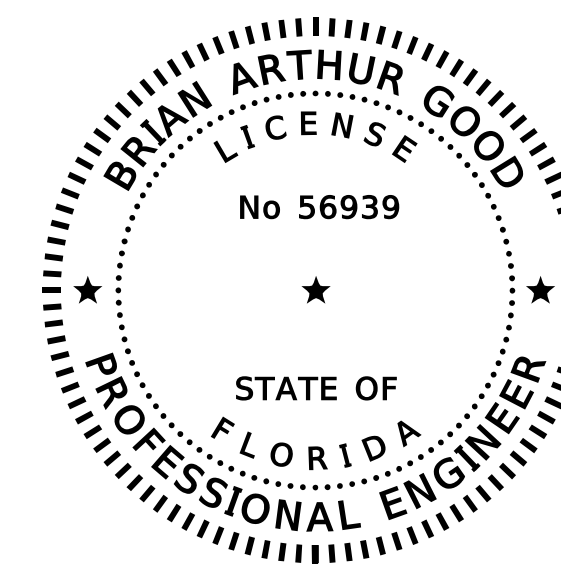
For Design Standards Modifications click on
"Design Standards" at the following web site:
<http://www.dot.state.fl.us/rddesign/>

END SOUTHARD STREET
ROADWAY IMPROVEMENTS
STA. 109+94.55

BEGIN SOUTHARD STREET
ROADWAY IMPROVEMENTS
STA. 101+54.19



LOCATION MAP



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KIMLEY HORN & ASSOCIATES, INC.
445 24TH STREET, SUITE 200
VERO BEACH, FL 32960
BRIAN ARTHUR GOOD, P.E. NO. 56939

REVISIONS		
DATE	BY	DESCRIPTION
04/2021	RMP	1 KH REVISION


SHEET
NO.
1

GENERAL NOTES

1. GOVERNING SPECIFICATIONS: STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED JULY 2020 AND THE SUPPLEMENTS THERETO.
2. CONSTRUCTION DETAILS SHALL BE IN ACCORDANCE WITH STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FOR ROAD CONSTRUCTION FY 2020-21.
3. ALL STATIONS AND OFFSETS ARE REFERENCED TO BASELINE OF CONSTRUCTION.
4. THE FINISHED ROADWAY SECTION SHALL BE SMOOTH AND SET TO DRAIN.
5. EXISTING SECTION CORNERS AND 1/4 SECTION CORNERS, AND OTHER LAND MARKERS OR MONUMENTS LOCATED WITHIN PROPOSED CONSTRUCTION ARE TO BE REFERENCED BY THE CONTRACTOR PRIOR TO CONSTRUCTION AND RESET AFTER CONSTRUCTION USING A REGISTERED LAND SURVEYOR LICENSED IN THE STATE OF FLORIDA.
6. ANY MAILBOX WITHIN THE LIMITS OF CONSTRUCTION IS TO BE TAKEN DOWN AND RESET IN ACCORDANCE WITH POSTAL REQUIREMENTS BY THE CONTRACTOR.
7. B.M. DATA IS NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD '29).
8. THE EXACT LOCATIONS OF PROPOSED SWALES, BACK SLOPE LINES AND LIMITS OF CONSTRUCTION WILL BE IN ACCORDANCE WITH THE PLANS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
9. CONTRACTOR SHALL ADJUST ALL UTILITY LIDS AND COVERS TO FINISHED GRADE AS REQUIRED. ADJUSTMENTS TO BE INCLUDED IN CONTRACTORS BID.
10. ALL EXISTING DRAINAGE STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION SHALL BE REMOVED UNLESS OTHERWISE NOTED AND SHALL BE DISPOSED OF BY THE CONTRACTOR.
11. ALL DISTURBED R/W SHALL BE SODDED OR STABILIZED WITH SEED AND MULCH.
12. THE CONTRACTOR WILL RESTORE ALL AREAS DISTURBED BY THIS CONSTRUCTION TO A CONDITION EQUAL TO, OR BETTER THAN THAT NOW EXISTING.
13. ITEMS IN CONFLICT WITH DESIGN SUCH AS EXISTING CURBS AND GUTTERS, SIDEWALKS, DRAINAGE STRUCTURES, PAVEMENT AND BASE AND EXCESS EXCAVATIONS ARE TO BE REMOVED BY CONTRACTOR AND DISPOSED OF IN A LEGAL AND PROPER MANNER AWAY FROM THE JOB SITE AT THE CONTRACTOR'S EXPENSE UNLESS THE ITEMS ARE TO BE REUSED ON THE PROJECT. THE CONTRACTOR SHALL PROVIDE 30-DAY WRITTEN NOTICE TO ADJACENT PROPERTY OWNER PRIOR TO REMOVAL OF ANY EXISTING LANDSCAPING, FENCING, ETC. THAT MAY BELONG TO THE PROPERTY OWNER THAT IS LOCATED WITHIN CITY RIGHT-OF-WAY. SHOULD THE MATERIAL NOT BE REMOVED WITHIN THE 30-DAY PERIOD, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE ELEMENTS IN A LEGAL AND PROPER MANNER.
14. THE MAINTENANCE OF TRAFFIC FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE APPLICABLE FDOT INDEX NUMBERS (102-XXX SERIES) AND THESE DOCUMENTS; THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (U.S. DEPARTMENT OF TRANSPORTATION, FHWA), SHALL BE FOLLOWED IN THE DESIGN, APPLICATION, INSTALLATION, MAINTENANCE AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES AND BARRIERS NECESSARY TO PROTECT THE PUBLIC AND WORKMEN FROM HAZARDS WITHIN THE PROJECT LIMITS. PEDESTRIAN AND VEHICULAR TRAFFIC SHALL BE MAINTAINED AND PROTECTED AT ALL TIMES. THE CONTRACTOR SHALL SUBMIT SIGNED AND SEALED DETAILED MOT PLANS TWO WEEKS PRIOR TO THE START OF CONSTRUCTION TO THE CITY FOR APPROVAL.
15. THE LOCATION OF EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY; THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION. RELOCATION OF UTILITIES SHALL BE COORDINATED WITH UTILITY COMPANIES AFTER IDENTIFICATION OF CONFLICT BY CONTRACTOR. CONTRACTOR SHALL NOTIFY ENGINEER IN ADVANCE BEFORE ANY RELOCATION.
16. SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT PORTIONS OF SOME DRAINAGE STRUCTURES EXTEND INTO OR ARE NEAR THE STABILIZED PORTION OF THE ROAD BED AND EXTREME CAUTION WILL BE NECESSARY IN STABILIZATION OPERATIONS AT THESE LOCATIONS.
17. THE UTILITY COMPANIES SHALL BE NOTIFIED BY THE CONTRACTOR 48 HOURS IN ADVANCE OF ANY EXCAVATION INVOLVING THEIR UTILITIES SO THAT COMPANY REPRESENTATIVE CAN BE PRESENT.
18. THE CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES, UNDERGROUND UTILITIES.
19. PRIOR TO COMMENCEMENT OF ANY EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH CHAPTER 556 OF FLORIDA STATUTES, UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY.
20. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES TO REMAIN IN PLACE.
21. THE CONTRACTOR SHALL CALL SUNSHINE (1/800-432-4770) FOR FIELD LOCATIONS 48 HOURS BEFORE DIGGING NEAR UNDERGROUND UTILITIES.
22. KNOWN UTILITIES:

COMCAST	LEONARD MAXWELL	(954) 534-7083
KEYS ENERGY SERVICES	MATTHEW ALFONSO	(305) 295-1047
FLORIDA KEYS AQUEDUCT AUTHORITY	MARNIE THRIFT	(305) 295-2154
MCI	JOHN McNEIL	(972) 729-6016
OPERATIONS MANAGEMENT INT.	MICHAEL MARTINEZ	(305) 292-5100
AT&T	STEVE MASSIE	(305) 222-8745
23. DRIVEWAYS AND WALKWAYS THAT ARE DISTURBED ARE TO BE RECONSTRUCTED TO THEIR ORIGINAL OR BETTER CONDITIONS, UNLESS OTHERWISE STATED ON PLANS. LONGITUDINAL SIDEWALK TRANSITIONS SHALL BE NO GREATER THAN 5%.
24. STAGING AND MATERIAL STORAGE SHALL NOT BE CONDUCTED ON ABUTTING PRIVATE PROPERTY WITHOUT APPROVAL FROM THE OWNER. IN ADDITION, ALL STAGING ACTIVITIES SHALL BE IN ACCORDANCE WITH GENERAL NOTE 35.
25. TURNOUTS (DRIVEWAYS) TO BE CONSTRUCTED AS PER FDOT INDEX 522-003 AND THE PLANS.
26. SIDEWALK JOINTS TO BE INSTALLED PER DETAILS ON FDOT INDEX 522-001 FOR ALL SIDEWALKS. ALL JOINTS SHALL BE TOOLED AS PER FDOT STANDARDS.
27. NO EXISTING BASE MATERIAL REMOVED IN EXCAVATION SHALL BE REUSED AS PROPOSED BASE MATERIAL.
28. EROSION CONTROL MEASURES SHALL BE TAKEN BY CONTRACTOR DURING CONSTRUCTION AS PER FDOT STANDARDS:
 - A. SILT FENCE SHALL BE INSTALLED ALONG THE ENTIRE PERIMETER OF THE PROJECT ADJACENT TO ANY SOIL DISTURBING ACTIVITIES.
 - B. STAKED TURBIDITY BARRIER SHALL BE INSTALLED UPSTREAM OF ANY MINOR CROSS DRAIN IMPROVEMENTS.
 - C. ALL DRAINAGE STRUCTURES ARE TO BE PROTECTED DURING CONSTRUCTION PER FDOT STANDARDS.
 - D. ALL FENCING, GRADING, SIGNING AND SODDING SHALL BE MAINTAINED DURING THE CONTRACT LIFE. ALL DAMAGED WORK SHALL BE RESTORED AT NO COST TO THE CITY.
29. ALL RELOCATED FIRE HYDRANTS SHALL HAVE A 3'X3'X6" CONCRETE PAD CONSTRUCTED. COST OF CONCRETE PAD SHALL BE INCLUDED WITHIN THE HYDRANT RELOCATION UNIT PRICE.
30. ALL SEWER/WATER METER AND VALVE BOXES SHALL BE REPLACED WITH NEW. COST OF NEW UTILITY BOX SHALL BE INCLUDED IN RELOCATION/ ADJUSTMENT UNIT PRICE. ALL METER BOXES SHALL BE RELOCATED FROM RESIDING WITHIN PAVING AREAS TO WITHIN THE PROPOSED CONCRETE SIDEWALK.
31. NO STAGING OR ADDITIONAL ACTIVITIES OTHER THAN THOSE DEPICTED WITHIN THE PROJECT SPECIFICATIONS WILL BE PERMITTED WITHIN THE NATIONAL REGISTER-LISTED KEY WEST HISTORIC DISTRICT.
32. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND SAFE MOVEMENT OF PEDESTRIANS THROUGH, AROUND, AND AWAY FROM THE CONSTRUCTION SITE.
33. THE SAFETY OF PEDESTRIAN TRAFFIC SHALL BE CONSIDERED AT ALL TIMES IN THE PROVISIONS OF TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS AND NOTES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE LIGHTS, SIGNS, BARRICADES, AND OTHER WARNINGS TO PHYSICALLY SEPARATE THE PEDESTRIAN FROM HAZARDS INCIDENTAL TO THE CONSTRUCTION OPERATIONS SUCH AS OPEN EXCAVATIONS, ETC. AT ALL TIME, THE PEDESTRIAN MOT SHALL BE SUBJECT TO THE APPROVAL OF THE CITY.
34. DETECTABLE WARNING DOMES SHALL BE ENDICOTT WARNING DOME PAVERS (402-729-3315), 2 1/4"X4"X8" ON A RUNNING BOND LAY PATTERN, COLOR: RED BLEND ADA, OR APPROVED EQUAL.
35. CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL, NEAT STACKING, AND SECURE STORAGE OF HISTORICAL SLATE CURB THROUGHOUT PROJECT AS DIRECTED BY THE ENGINEER. CONTRACTOR IS RESPONSIBLE FOR COORDINATING PICK UP OF THE SLATE CURB BY THE CITY OF KEY WEST AND SHALL NOTIFY THE CITY OF KEY WEST NO LATER THAN 24 HOURS FROM THE REMOVAL OF THE SLATE CURB. COST FOR REMOVAL, STACKING, AND SECURE STORAGE IS INCIDENTAL AND INCLUDED IN THE COST OF CLEARING AND GRUBBING. (PAY ITEM # 110-1-1)
36. THE CONTRACTOR WILL ONLY BE PERMITTED TO UTILIZED STATIC COMPACTION DURING PLACEMENT OF ASPHALTIC CONCRETE MIXTURES. THE CONTRACTOR SHALL UTILIZE THE STANDARD ROLLING PROCEDURE DESCRIBED IN SECTION 330-7.2 OF THE STANDARD SPECIFICATIONS.
37. THE CONTRACTOR SHALL TAKE DUE CARE WHEN PLACING CONCRETE SIDEWALK AND/OR DRIVEWAYS TO ENSURE THAT CONCRETE OVERSPRAY /SPLATTER DOES NOT OCCUR ON ADJACENT BUILDINGS, WALLS, FENCES, ETC. THAT WILL BE REMAINING WITHIN THE PROJECT LIMITS. SHOULD OVERSPRAY/SPLATTER OCCUR, THE CONTRACTOR SHALL TAKE IMMEDIATE MEASURES TO REMOVE AND RESTORE SURFACE TO EXISTING CONDITIONS.

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS						 <small>BRIAN A. GOOD, P.E. P.E. LICENSE NUMBER 56939 445 24th STREET, SUITE 200 VERO BEACH, FL 32960 (772) 794-4100</small>	CITY OF KEY WEST FLORIDA	GENERAL NOTES	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		SOUTHARD STREET MILLING AND RESURFACING		2

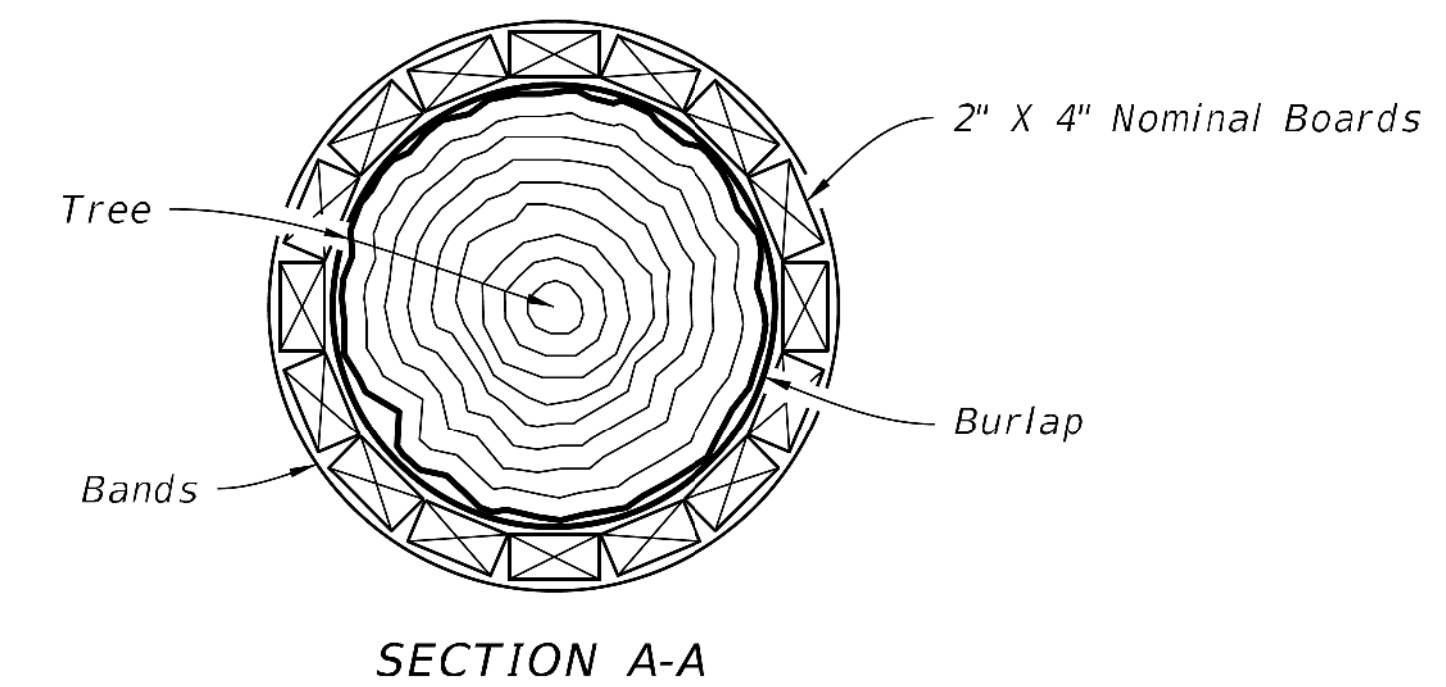
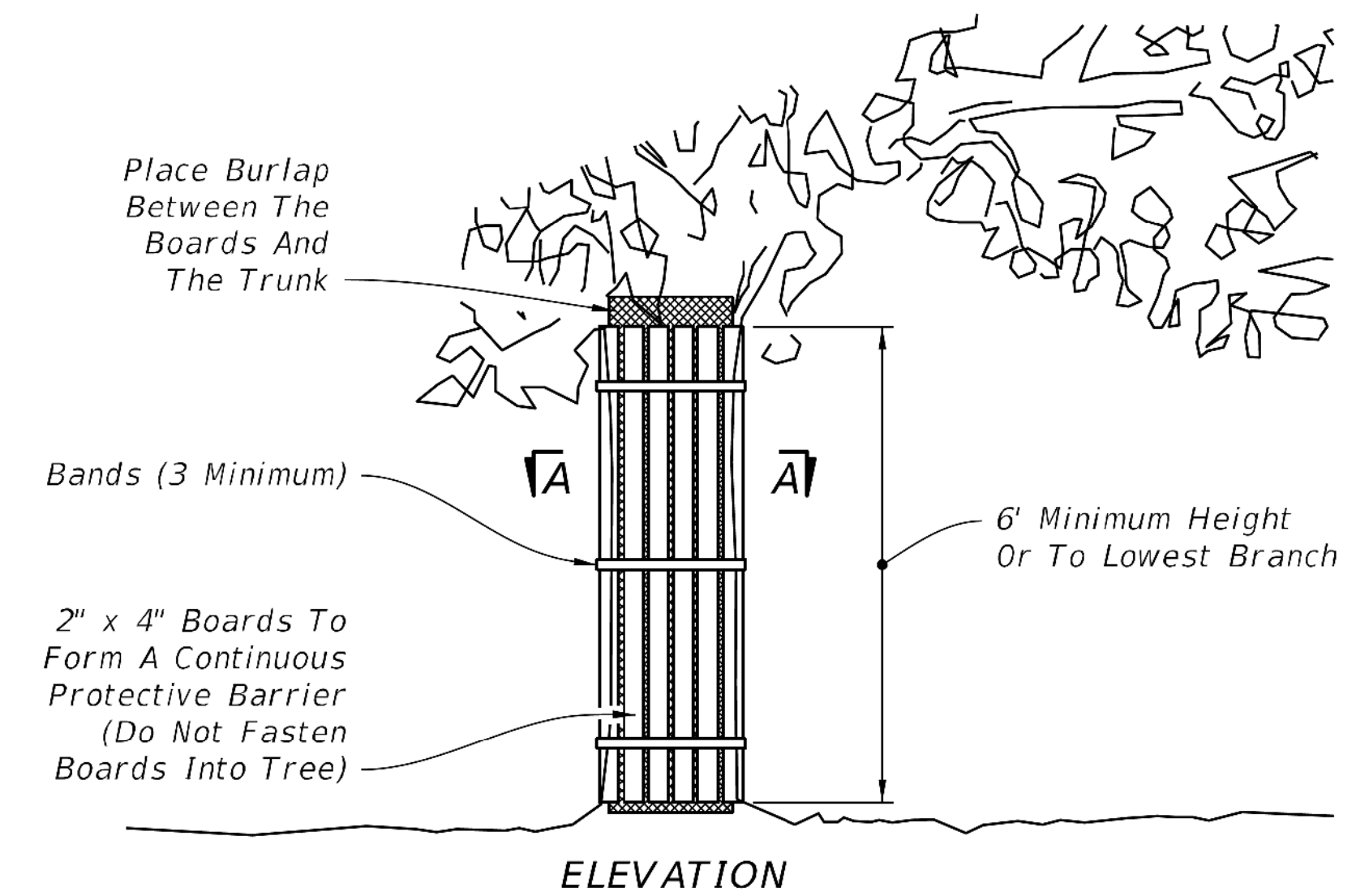
AVOIDANCE MEASURES FOR CONTRIBUTING RESOURCES IN THE SOUTHARD STREET LAP PROJECT APE

LOCATION #	ADDRESS/NAME	HISTORIC FEATURES	AVOIDANCE MEASURES
GENERAL	KEY WEST HISTORIC DISTRICT	PROJECT IS LOCATED ENTIRELY WITHIN THE NRHP-LISTED KEY WEST HISTORIC DISTRICT AND ADJOINS CONTRIBUTING RESOURCES IN THE HISTORIC DISTRICT.	CONFINE ALL CONSTRUCTION ACTIVITY TO WITHIN THE LIMITS OF THE PUBLIC RIGHT-OF-WAY (ROW) TO AVOID ADVERSE EFFECTS ON THE NRHP-LISTED KEY WEST HISTORIC DISTRICT.
GENERAL	300-400 BLOCKS OF SOUTHARD STREET, BETWEEN THOMAS AND DUVAL STREETS	FMSF SEARCH IDENTIFIED 15 PROPERTIES ADJOINING THE PROJECT WITH THE POTENTIAL FOR UNEVALUATED HISTORIC ARCHAEOLOGY.	CONFINE ALL CONSTRUCTION ACTIVITY TO WITHIN THE LIMITS OF THE PUBLIC RIGHT-OF-WAY (ROW) TO AVOID ADVERSE EFFECTS ON UNEVALUATED AND POTENTIALLY NRHP-ELIGIBLE ARCHAEOLOGICAL RESOURCES.
GENERAL	PARKING AREA OF 301 SOUTHARD STREET AND TWO DESIGNATED PARKING SPACES ON SOUTHARD STREET	TEMPORARY STAGING AREAS #1 AND #2 ADJOIN OR ARE ON NON-CONTRIBUTING PROPERTIES.	NO STAGING MAY OCCUR WITHIN THE KEY WEST HISTORIC DISTRICT EXCEPT WITHIN TEMPORARY STAGING AREAS 1 AND 2. THE CONTRACTOR DOES NOT HAVE TO STAGE IN THOSE LOCATIONS IF THEY HAVE ANOTHER LOCATION OUTSIDE OF THE HISTORIC DISTRICT BOUNDARIES.
1	530 WHITEHEAD STREET (SHEET 9 & 10)	STONE WITH CONCRETE CASING, LOW RETAINING WALL ALONG SOUTH SIDE OF MONROE COUNTY-OWNED 530 WHITEHEAD STREET PROPERTY, BETWEEN WHITEHEAD STREET AND A DRIVEWAY TO THE WEST.	USE DUE CAUTION AND CONFINE ALL CONSTRUCTION ACTIVITY TO WITHIN THE LIMITS OF THE PUBLIC RIGHT-OF-WAY (ROW). DO NOT TOUCH OR DAMAGE ANY PART OF THE RETAINING WALL FABRIC.
2	601 WHITEHEAD STREET (SHEET 10)	CANOPY AND KNEE BRACES OVERHANG THE SIDEWALK WITHIN THE ROW; SIDING, CORNER BOARDS, DOOR JAMBS, AND FOUNDATION ADJOIN THE SIDEWALK.	USE DUE CAUTION AND CONFINE ALL CONSTRUCTION ACTIVITY TO WITHIN THE LIMITS OF THE PUBLIC RIGHT-OF-WAY (ROW). DO NOT TOUCH OR DAMAGE THE AWNING OR WOOD KNEE BRACES. EXCAVATION SHOULD NOT DAMAGE SIDING, CORNER BOARDS, DOOR JAMBS, FOUNDATION, OR HISTORIC FEATURES ADJOINING THE SIDEWALK.
3	312-314 SOUTHARD STREET (SHEET 9)	LOW CONCRETE WALL ON EAST SIDE OF 314 SOUTHARD STREET PROPERTY, FRONT STOOP, WOOD SIDING, AND FOUNDATION ADJOIN THE SIDEWALK AND ROW. WHEN OPEN, THE FRONT DOOR AND FRONT WINDOW'S LOUVERED SHUTTERS POSSIBLY EXTEND INTO THE SIDEWALK. THE METAL SCREEN/GATE BETWEEN THE TWO HOUSES ADJOINS THE SIDEWALK. THE WOOD SCREEN OF 312 SOUTHARD STREET ADJOINS THE SIDEWALK.	USE DUE CAUTION AND CONFINE ALL CONSTRUCTION ACTIVITY TO WITHIN THE LIMITS OF THE PUBLIC RIGHT-OF-WAY (ROW). DO NOT TOUCH, DAMAGE, OR REMOVE THE HISTORIC FEATURES OF 312-314 SOUTHARD STREET. SIDEWALK EXCAVATION SHOULD NOT DAMAGE WALL, STOOP, FOUNDATIONS, OR GATE ADJOINING THE SIDEWALK.
4	316 SOUTHARD STREET (SHEET 9)	CHARACTER-DEFINING LOW-RISE BRICK WALL, METAL GATE, AND TILE WALKWAY ADJOIN THE SIDEWALK AND ROW.	USE DUE CAUTION AND CONFINE ALL CONSTRUCTION ACTIVITY TO WITHIN THE LIMITS OF THE PUBLIC RIGHT-OF-WAY (ROW). DO NOT TOUCH, DAMAGE OR REMOVE ANY PART OF THE HISTORIC FEATURES OF 316 SOUTHARD STREET. SIDEWALK EXCAVATION SHOULD NOT DAMAGE OR REMOVE ANY OF THE LOW-RISE BRICK WALL, METAL GATE, OR TILE WALKWAY.
5	322 SOUTHARD STREET (SHEET 9)	A SLIGHTLY RAISED CONCRETE BORDER AND GRASS STRIP BETWEEN THE BORDER AND FENCE ADJOIN THE SIDEWALK. THE PICKET FENCE IS NOT HISTORIC.	USE DUE CAUTION AND CONFINE ALL CONSTRUCTION ACTIVITY TO WITHIN THE LIMITS OF THE PUBLIC RIGHT-OF-WAY (ROW). DO NOT TOUCH, DAMAGE OR REMOVE ANY PART OF THE HISTORIC FEATURES OF 322 SOUTHARD STREET. SIDEWALK EXCAVATION SHOULD NOT DAMAGE OR REMOVE ANY OF THE CONCRETE BORDER.
6	324 SOUTHARD STREET (SHEET 9)	BLOCK FOUNDATION AND FRONT STEP ADJOIN THE SIDEWALK; STEP POSSIBLY WITHIN SIDEWALK AND ROW.	USE DUE CAUTION AND CONFINE ALL CONSTRUCTION ACTIVITY TO WITHIN THE LIMITS OF THE PUBLIC RIGHT-OF-WAY (ROW). DO NOT TOUCH, DAMAGE, OR REMOVE ANY PART OF THE CHARACTER-DEFINING FEATURES OF 324 SOUTHARD STREET. SIDEWALK EXCAVATION SHOULD NOT DAMAGE OR REMOVE ANY OF THE FOUNDATION OR STEP.
7	417 SOUTHARD STREET (SHEET 10)	FACADES OF ALL THREE SECTIONS ADJOIN THE SIDEWALK. SECOND-STORY OVERHANG ON THE TWO-STORY SECTION EXTENDS INTO THE ROW. EAVES OF TWO-STORY CENTER SECTION POSSIBLY EXTEND INTO THE ROW; CANVAS AWNING IS NOT HISTORIC, BUT ITS TEMPORARY REMOVAL MAY DAMAGE EXTERIOR FABRIC.	USE DUE CAUTION AND CONFINE ALL CONSTRUCTION ACTIVITY TO WITHIN THE LIMITS OF THE PUBLIC RIGHT-OF-WAY (ROW). DO NOT TOUCH, DAMAGE, OR REMOVE ANY PART OF THE HISTORIC FACADE OF 417 SOUTHARD STREET. EXCAVATION MACHINERY SHOULD NOT HIT THE FEATURES THAT OVERHANG.
8	419 SOUTHARD STREET (SHEET 10)	THE 2020 RENOVATIONS HAVE REMOVED MOST OF THE HISTORIC FEATURES POTENTIALLY AFFECTED BY THE PROJECT, INCLUDING THE PORCH POSTS, PORCH BASE, AND STEPS. ALTHOUGH NOT HISTORIC, THE TEMPORARY PORCH POSTS DO SUPPORT THE REMAINING HISTORIC PARTS OF THE TWO-STORY PORCH.	USE DUE CAUTION AS EXCAVATION SHOULD NOT DISTURB THE TEMPORARY POSTS, AVOIDING A POSSIBLE COLLAPSE OF THE REST OF THE PORCH. OTHER AVOIDANCE MEASURES DEPEND ON HOW MUCH (IF ANY) OF THE IN-KIND REPLACEMENT OF REMOVED HISTORIC FEATURES ON THE PORCH AND FACADE HAS BEEN COMPLETED AT TIME OF PROJECT CONSTRUCTION.
9	435 SOUTHARD STREET (SHEET 10)	THE METAL AWNING ON THE FRONT OVERHANGS THE SIDEWALK AND ROW. THE FAÇADE, INCLUDING SIDING, CORNER BOARDS, AND THE WINDOW AND DOOR JAMBS ABUT THE SIDEWALK.	USE DUE CAUTION AND CONFINE ALL CONSTRUCTION ACTIVITY TO WITHIN THE LIMITS OF THE PUBLIC RIGHT-OF-WAY (ROW). DO NOT TOUCH, DAMAGE, OR REMOVE ANY PART OF THE HISTORIC FACADE OF 435 SOUTHARD STREET. EXCAVATION MACHINERY SHOULD NOT HIT THE OVERHANGING AWNING.
10	534 DUVAL STREET (SHEET 10)	THE SOUTHARD STREET ELEVATION, INCLUDING SIDING, FOUNDATION, CORNER BOARDS AND PORCH STOOP ABUT THE SIDEWALK. A WOOD FENCE AND GATE AT THE WEST END OF THE PROPERTY ABUT THE SIDEWALK AND ROW.	USE DUE CAUTION AND CONFINE ALL CONSTRUCTION ACTIVITY TO WITHIN THE LIMITS OF THE PUBLIC RIGHT-OF-WAY (ROW). DO NOT TOUCH, DAMAGE, OR REMOVE ANY PART OF THE HISTORIC SIDE ELEVATION AND FAÇADE OF 534 DUVAL STREET. SIDEWALK EXCAVATION SHOULD NOT DAMAGE OR REMOVE ANY OF THE SIDING, GATE OR STEP.
11	600 DUVAL STREET (SHEET 10)	THE SOUTHARD STREET ELEVATION, INCLUDING SIDING, FOUNDATION, AND CORNER BOARDS ABUT THE SIDEWALK AND ROW.	USE DUE CAUTION AND CONFINE ALL CONSTRUCTION ACTIVITY TO WITHIN THE LIMITS OF THE PUBLIC RIGHT-OF-WAY (ROW). DO NOT DAMAGE OR REMOVE HISTORIC NORTH ELEVATION OF 600 DUVAL STREET. SIDEWALK EXCAVATION SHOULD NOT DAMAGE OR REMOVE ANY OF THE SIDING.

REVISIONS						 BRIAN A. GOOD, P.E. P.E. LICENSE NUMBER 56939 445 24th STREET, SUITE 200 VERO BEACH, FL 32960 (772) 794-4100	CITY OF KEY WEST FLORIDA SOUTHARD STREET MILLING AND RESURFACING	GENERAL NOTES	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				2A

TREE PROTECTION NOTES

1. PRIOR TO BEGINNING WORK, THE GENERAL CONTRACTOR IS REQUIRED TO MEET AT THE SITE WITH THE CITY OF KEY WEST URBAN FORESTRY MANAGER AND CITY ENGINEER TO REVIEW ALL WORK PROCEDURES, ACCESS ROUTES, STORAGE AREAS AND TREE PROTECTION MEASURES.
2. THE GENERAL CONTRACTOR SHALL CONSULT WITH AN ISA CERTIFIED ARBORIST REGARDING THE CONDITION OF THE EXISTING TREES AND SHALL HIRE AN ISA CERTIFIED ARBORIST TO PERFORM TREE CARE THAT MAY BE NEEDED TO MITIGATE RISKS PRIOR TO CONSTRUCTION COMMENCING. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING A MEETING WITH ISA CERTIFIED ARBORIST, CITY OF KEY WEST URBAN FORESTER AND CITY ENGINEER PRIOR TO TREE CARE AND CONSTRUCTION COMMENCING.
3. ALL TREE PRUNING NECESSARY SHALL BE IN ACCORDANCE WITH ANSI A-300 STANDARDS.
4. THE GENERAL CONTRACTOR SHALL ERECT FENCES TO PROTECT TREES SCHEDULED TO REMAIN PER THE APPROVED PLANS. FENCES DEFINE A SPECIFIC PROTECTION ZONE FOR EACH TREE OR GROUP OF TREES TO BE PROTECTED. FENCES ARE TO REMAIN UNTIL ALL SITE WORK HAS BEEN COMPLETED.
5. CONSTRUCTION TRAILERS, TRAFFIC AND STORAGE AREAS SHALL REMAIN OUTSIDE OF THE FENCED AREAS AT ALL TIMES.
6. NO CONSTRUCTION MATERIALS, EQUIPMENT, SPOIL, WASTE WATER OR ANY DELETERIOUS MATERIAL MAY BE DEPOSITED, STORED OR PARKED WITHIN THE TREE PROTECTION ZONE (FENCED AREA).
7. ANY HERBICIDES PLACED UNDER PAVING MATERIALS MUST BE SAFE FOR USE AROUND TREES AND LABELED FOR THAT USE. ANY PESTICIDES USED ON SITE MUST BE SAFE FOR USE AROUND TREES AND NOT EASILY TRANSPORTED BY WATER.
8. IF INJURY SHOULD OCCUR TO ANY TREE DURING CONSTRUCTION, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE CITY OF KEY WEST URBAN FORESTER, ISA CERTIFIED ARBORIST AND CITY ENGINEER AS SOON AS POSSIBLE SO THAT APPROPRIATE TREATMENTS CAN BE APPLIED.
9. THE GENERAL CONTRACTOR SHALL NOTIFY THE CITY OF KEY WEST URBAN FORESTER, ISA CERTIFIED ARBORIST AND CITY ENGINEER OF ANY GRADING, CONSTRUCTION, DEMOLITION OR OTHER WORK THAT IS EXPECTED TO ENCOUNTER TREE ROOTS.
10. ADDITIONAL TREE PRUNING THAT MAY BE REQUIRED FOR CLEARANCE DURING CONSTRUCTION SHALL BE APPROVED BY CITY OF KEY WEST URBAN FORESTRY MANAGER AND PERFORMED BY AN ISA CERTIFIED ARBORIST AS PER ANSI A-300 STANDARDS.
11. ALL TREES REMAINING ON SITE SHALL BE IRRIGATED THREE TIMES A WEEK FOR THE DURATION OF CONSTRUCTION. AT EACH IRRIGATION PROCEDURE SHALL APPLY TO THE SOIL AREA WITHIN THE TREE PROTECTION ZONE 2-3 GALLONS OF WATER PER INCH OF TRUNK CALIPER.
12. EROSION CONTROL DEVICES SUCH AS SILT FENCING, DEBRIS BASINS AND WATER DIVERSION STRUCTURES SHALL BE INSTALLED TO PREVENT SILTATION AND/OR EROSION WITHIN THE TREE PROTECTION ZONE.
13. BEFORE GRADING, PAD PREPARATION OR EXCAVATING FOR FOUNDATIONS, FOOTINGS, WALLS, SIDEWALKS, CURBS OR TRENCHING NEAR TREES; THE TREES SHALL NOT BE ROOT PRUNED 12 INCHES OUTSIDE THE TREE PROTECTION ZONE BY CUTTING ALL ROOTS CLEANLY TO A DEPTH OF 36 INCHES. ROOTS SHALL BE CUT MANUALLY BY DIGGING A TRENCH AND CUTTING EXPOSED ROOTS WITH A SAW, VIBRATING KNIFE, ROCK SAW, NARROW TENCHER WITH SHARP BLADES OR OTHER APPROVED ROOT-PRUNING EQUIPMENT.
14. ANY ROOTS DAMAGED DURING GRADING OR CONSTRUCTION SHALL BE EXPOSED TO SOUND TISSUE AND CUT CLEANLY WITH A SAW.
15. MAINTAIN FIRE-SAFE AREAS AROUND FENCED TREE PROTECTION AREAS. NO HEAT SOURCES, FLAMES, IGNITION SOURCES OR SMOKING ARE ALLOWED NEAR MULCH OR TREES.



NOTES:

1. Trunk protection may be used when Tree Protection Barrier can not be reasonably erected, when approved by Engineer.
2. See Selective Clearing and Grubbing Plan for location of trunk protection, when applicable.
3. Adjust bands to allow tree growth (inspect quarterly to prevent girdling).

TRUNK PROTECTION

REVISIONS						Kimley»Horn <small>BRIAN A. GOOD, P.E. P.E. LICENSE NUMBER 56939 445 24th STREET, SUITE 200 VERO BEACH, FL 32960 (772) 794-4100</small>	CITY OF KEY WEST FLORIDA	TREE PROTECTION NOTES	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		SOUTHARD STREET MILLING AND RESURFACING		2B

SUMMARY OF PAY ITEMS

PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY
ROADWAY PAY ITEMS			
101-1	MOBILIZATION	LS	1
102-1	MAINTENANCE OF TRAFFIC	DA	85
104-18	INLET PROTECTION SYSTEM	EA	4
108-1A	AS-BUILTS	LS	1
110-1-1	CLEARING & GRUBBING	AC	0.26
110-7	REMOVAL OF EXISTING CONCRETE	SY	1,271
110-7-2	MAILBOX (ADJUST)	EA	1
110-22	TREE PRUNING AND TRIMMING	EA	13
120-1	REGULAR EXCAVATION	CY	189
120-6	EMBANKMENT	CY	11
285-704	CEMENTED COQUINA (LBR 100) (6") (CURB PAD)	SY	381
285-714	CEMENTED COQUINA (LBR 100) (14")	SY	8.7
327-70-4	MILLING EXISTING ASPHALT PAVEMENT (3" AVG. DEPTH)	SY	2,008
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (SP-12.5) (TRAFFIC C)	TN	234
334-1-13A	SUPERPAVE ASPHALTIC CONCRETE (SP-9.5) (TRAFFIC C)	TN	116
425-5	ADJUST MANHOLE	EA	3
520-1-10	CONCRETE CURB & GUTTER (TYPE F)	LF	1,356
522-1	CONCRETE SIDEWALK & DRIVEWAYS, 4" THICK	SY	915
522-2	CONCRETE SIDEWALK & DRIVEWAYS, 6" THICK	SY	356
570-1-2	PERFORMANCE TURF (SOD) (BAHIA)	SY	350
580-1-1	LANDSCAPE COMPLETE (BONDED AGGREGATE)	SY	17
751-34-3	PARKING PAY STATION (RELOCATION)	EA	2
751-36-42	BICYCLE RACK (RELOCATE)	EA	2
1080-21-500	UTILITY FIXTURE, VALVE/METER BOX (ADJUST)	EA	35
700-1-11	SINGLE POST SIGN, (F&I GROUND MOUNT) (LESS THAN 12 SF)	AS	11
710-11-290	PAINTED PAVEMENT MARKINGS (STANDARD) (YELLOW) (ISLAND NOSE)	SF	120
710-11-590	PAINTED PAVEMENT MARKINGS (STANDARD) (RED) (ISLAND NOSE)	SF	60
711-11-121	THERMOPLASTIC PAVEMENT MARKINGS (STANDARD) (WHITE) (SOLID) (6")	LF	1,578
711-11-124	THERMOPLASTIC PAVEMENT MARKINGS (STANDARD) (WHITE) (SOLID) (18")	LF	32
711-11-125	THERMOPLASTIC PAVEMENT MARKINGS (STANDARD) (WHITE) (SOLID) (24")	LF	12
711-11-141	THERMOPLASTIC PAVEMENT MARKINGS (STANDARD) (WHITE) (SKIP) (2'-4") (6")	LF	50
711-11-160	THERMOPLASTIC PAVEMENT MARKINGS (STANDARD) (WHITE) (MESSAGE OR SYMBOL)	EA	4
711-11-170	THERMOPLASTIC PAVEMENT MARKINGS (STANDARD) (WHITE) (ARROW)	EA	4
711-11-221	THERMOPLASTIC PAVEMENT MARKINGS (STANDARD) (YELLOW) (SOLID) (6")	LF	689

NOTE: 1

THE TERM OF THIS CONTRACT WILL BE ONE HUNDRED-TWENTY (120) CALENDAR DAYS. IN ADDITION TO THE REQUIREMENTS OF FDOT SPECIFICATION 8-6.4 (SUSPENSION OF CONTRACTOR'S OPERATIONS - HOLIDAYS AND SPECIAL EVENTS), CONTRACTOR'S OPERATIONS SHALL BE SUSPENDED FOR FANTASY FEST STARTING ON OCTOBER 22, 2021 AND ENDING ON OCTOBER 31, 2021.

PAY ITEM FOOTNOTES

- 102-1 MAINTENANCE OF TRAFFIC COSTS SHALL INCLUDE BUT NOT LIMITED TO CONSTRUCTION SIGNS, BUSINESS SIGNS, TEMPORARY BARRICADES, VARIABLE MESSAGE SIGNS, TEMPORARY REFLECTIVE MARKERS, TEMPORARY PAVEMENT MARKINGS, INCIDENTAL TEMPORARY PAVEMENT, DUST CONTROL, ANY TEMPORARY DRAINAGE ELEMENTS BEYOND WHAT IS SPECIFIED IN THE CONTRACT DOCUMENTS, AND ALL ITEMS NECESSARY TO MEET THE MAINTENANCE OF TRAFFIC REQUIREMENTS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION AS PRESCRIBED IN SECTION 102-XXX OF THE FDOT STANDARD PLANS.
- 110-7-2 COST TO INCLUDE, BUT NOT LIMITED TO, MATERIAL, LABOR AND COORDINATION WITH THE POSTMASTER GENERAL REGARDING TEMPORARILY RELOCATING THE EXISTING MAILBOX TO ALLOW FOR SIDEWALK REMOVAL AND RECONSTRUCTION AND FOR THE REINSTALLATION OF THE EXISTING MAILBOX ONTO THE FINAL SURFACE.
- 285-714 THE COST OF PRIME COAT SHALL BE INCLUDED IN THE PRICE OF THE BASE MATERIAL.
- 334-1-13X THE COST OF THE TACK COAT SHALL BE INCLUDED IN THE PRICE OF ASPHALT.
- 520-1-10 COST ASSOCIATED WITH LABOR AND MATERIAL REQUIRED TO CONSTRUCT THICKENED CURB AND GUTTER SHALL BE IN
- 522-1 PEDESTRIAN RAMPS ARE TO BE INCLUDED IN PRICE OF SIDEWALK. ALL SIDEWALK JOINTS ARE TO BE SAWCUT AS PER FDOT SPECIFICATIONS. TOOLED JOINTS WILL NOT BE PERMITTED. CONCRETE MIX SHALL INCLUDE SYNTHETIC FIBER REINFORCEMENT AT 1.0 LB/CY. COST ASSOCIATED WITH LABOR AND MATERIALS REQUIRED TO CONSTRUCT THICKENED SIDEWALK EDGE SHALL BE INCLUDED WITHIN 522-1 UNIT PRICE.
- 570-1-2 COST OF PERFORMANCE TURF TO INCLUDE SOD, FERTILIZER, MOWING, WATERING, TOOLS, EQUIPMENT, PEGGING, LABOR AND ALL INCIDENTAL ITEMS NECESSARY DURING CONSTRUCTION.
- 580-336-2 COST TO INCLUDE MONROE COUNTY TREE TRIMMING PERMIT APPLICATION, SUBMITTAL AND COORDINATION. COST TO INCLUDE ALL MATERIAL AND LABOR REQUIRED TO TRIM/PRUNE EXISTING STREET TREES TO ADDRESS AESTHETIC, SAFETY AND HEALTH OF THE EXISTING TREES. THIS WORK SHALL INCLUDE CROWN THINNING, CROWN RISING, ROOT PRUNING, TRUNK PROTECTION AND DISPOSAL OF ALL REMOVED MATERIAL. THIS WORK SHALL BE OVERSEEN OR PERFORMED BY A CERTIFIED ARBORIST. THE CONTRACTOR SHALL COORDINATE THIS WORK WITH THE CITY PRIOR TO UNDERTAKING.
- 751-34-3 COST TO INCLUDE ALL MATERIAL AND LABOR NECESSARY TO REMOVE AND RE-INSTALL EXISTING ELEMENTS.
- 751-36-42

SURVEY LEGENDS

SURVEY SYMBOL LEGEND:	TREE LEGEND:
WATER METER	COCONUT PALM
BELLSOUTH BOX	GUMBO LIMBO
IRRIGATION CONTROL BOX	UNKNOWN SPECIES
ELECTRIC SERVICE BOX	PALM SPECIES
TRAFFIC CONTROL BOX	BUTTONWOOD
CATCH BASIN	CABBAGE PALM
CURB INLET	ROYAL POINCIANA
REFLECTIVE ROAD MARKER	MAHOGANY
PARKING METER	ARECA PALM
SIGN	BLACK OLIVE
BOLLARD	FIGUS
LANDSCAPE LIGHTING	JABOTICABA
LIGHT POLE	ROYAL PALM
TRAFFIC LIGHT SUPPORT POLE	SCHEFFLERA
CONCRETE UTILITY POLE	
WOOD UTILITY POLE	
OVERHEAD WIRES	
GUY ANCHOR	
WOOD FENCE	
CHAIN-LINK FENCE	
ALUMINUM FENCE	
WELL	
UNKNOWN UTILITY MANHOLE	
DRAINAGE MANHOLE	
BELLSOUTH MANHOLE	
SANITARY MANHOLE	
SANITARY CLEANOUT	
FIRE HYDRANT	
VALVE	
BACKFLOW PREVENTOR	
BENCHMARK	
EXISTING ELEVATION	
APPROXIMATE RIGHT-OF-WAY LINE	
APPROXIMATE R/W BY OCCUPATION	
APPROXIMATE EASEMENT LINE	
APPROXIMATE LOT LINE	

REVISIONS						Kimley»Horn <small>BRIAN A. GOOD, P.E. P.E. LICENSE NUMBER 56939 445 24th STREET, SUITE 200 VERO BEACH, FL 32960 (772) 794-4100</small>	CITY OF KEY WEST FLORIDA	SUMMARY OF PAY ITEMS	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		SOUTHARD STREET MILLING AND RESURFACING		3
04/2021	RMP	1 KH REVISION							
02/2022	MCF	2 QUANTITY REVISION							

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF TURNOUTS - SOUTHARD STREET

STATION	SIDE	WIDTH (FT)	TURNOUT TYPE	CONCRETE AREA (SY)		FIELD BOOK REFERENCE
				CONCRETE SIDEWALK (6" THICK)		
				PLAN	FINAL	
102+58.90	LT	20.0	TYPE 3	29.3		
102+68.35	RT	20.0	TYPE 4	41.3		
103+55.44	RT	12.0	TYPE 4	34.4		
104+04.53	RT	10.0	TYPE 4	24.9		
104+10.57	LT	12.0	TYPE 3	20.5		
107+00.23	LT	24.0	TYPE 4	46.1		
107+39.41	RT	22.0	TYPE 4	45.1		
107+54.34	LT	10.0	TYPE 4	17.0		
108+32.23	RT	12.0	TYPE 4	34.3		
108+78.99	LT	10.0	TYPE 4	31.1		
108+79.38	RT	10.0	TYPE 4	32.0		
TOTAL:				356.0		

NOTE: REFERENCE TURNOUT DETAILS IN ROADWAY PLAN SHEETS.
REFER TO CROSS-SECTION SHEETS FOR VERTICAL CONTROL

R E V I S I O N S

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Kimley»Horn

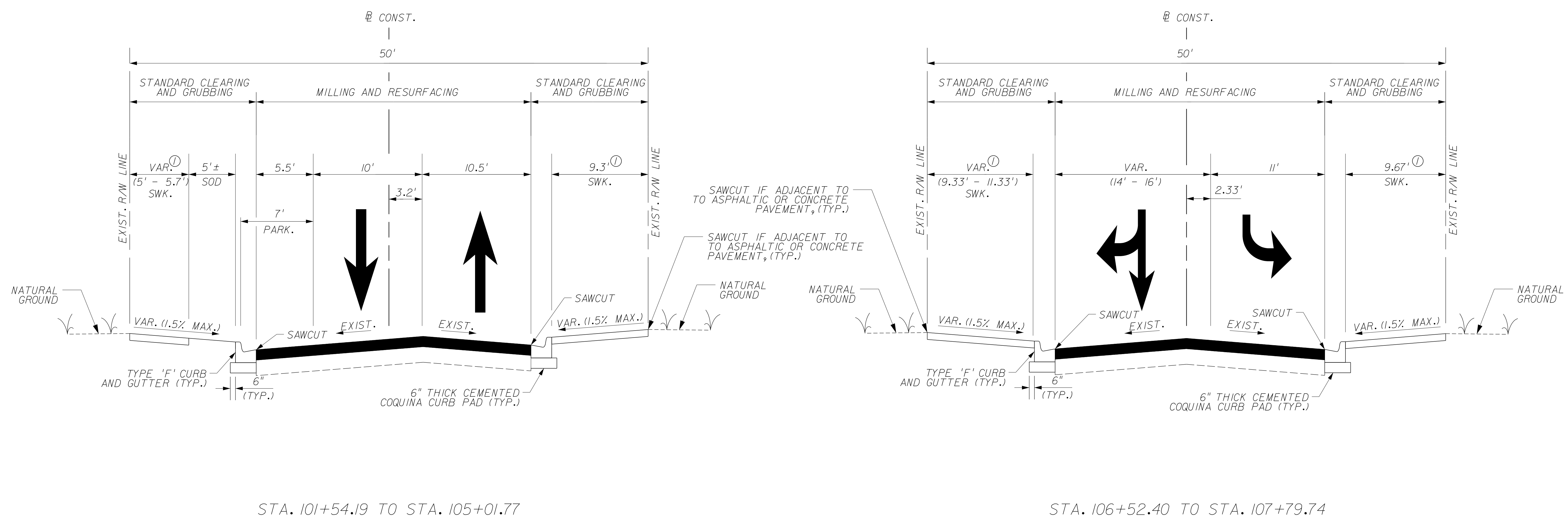
BRIAN A. GOOD, P.E.
P.E. LICENSE NUMBER 56939
445 24th STREET, SUITE 200
VERO BEACH, FL 32960
(772) 794-4100

*CITY OF KEY WEST
FLORIDA
SOUTHARD STREET
MILLING AND RESURFACING*

SUMMARY OF QUANTITIES

SHEET NO.

4



POSTED SPEED = 25 MPH
DESIGN SPEED = 25 MPH

NOTES:

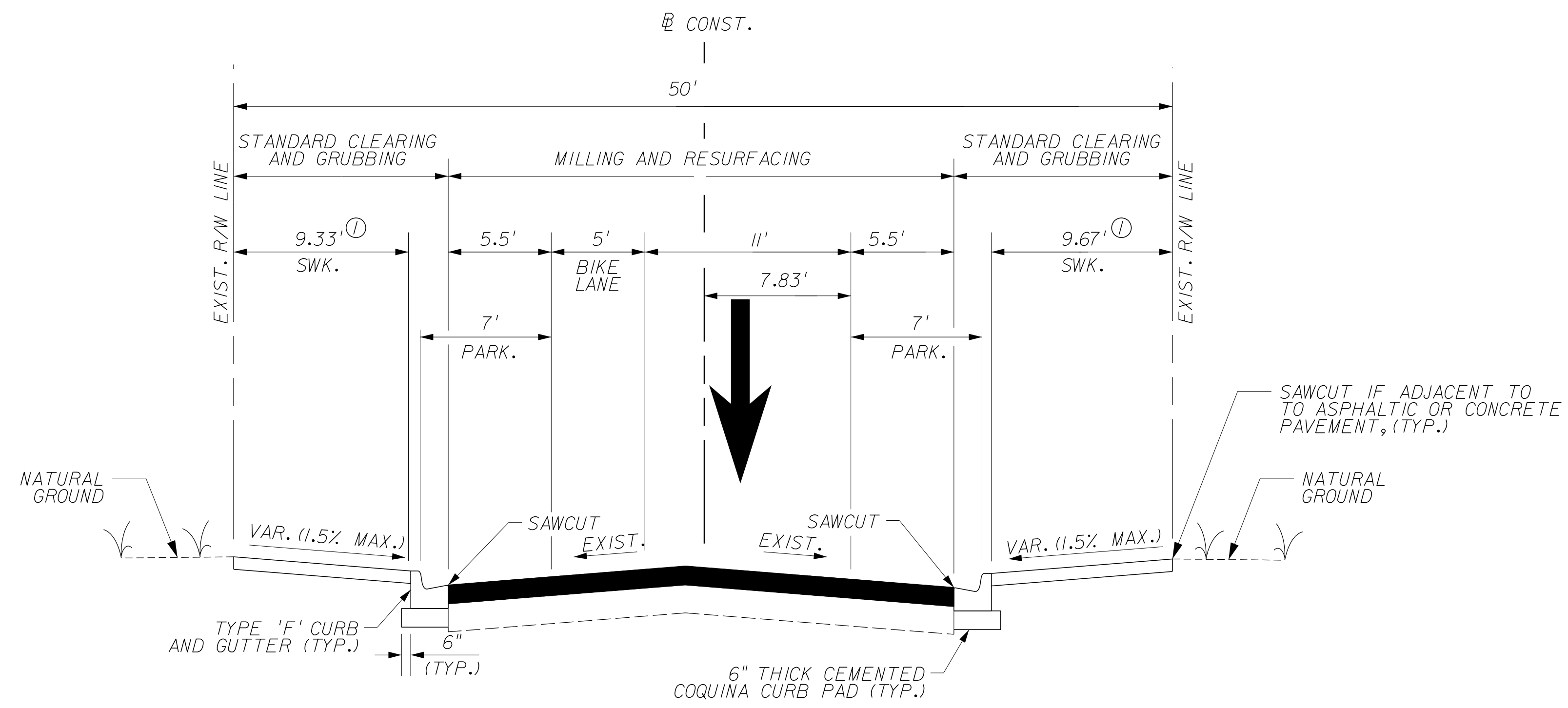
1. SIDEWALK WIDTH WILL VARY ALONG CORRIDOR DUE TO PHYSICAL ENCROACHMENTS INTENDED TO REMAIN. CONTRACTOR TO COORDINATE WITH CITY REPRESENTATIVE REGARDING SIDEWALK WIDTH VARIATIONS LOCATED ALONG THE CORRIDOR.
2. CONTRACTOR SHALL REVIEW THE PLAN SHEETS FOR ISOLATED VARIATIONS TO THE PROPOSED TYPICAL SECTIONS.
3. ALL CONCRETE SIDEWALKS OUTSIDE OF CONCRETE DRIVEWAYS ARE INTENDED TO BE 4" THICK CONCRETE.

MILLING
MILL EXISTING ASPHALT PAVEMENT (3" AVG. DEPTH)

RESURFACING
TYPE SP-9.5 STRUCTURAL COURSE (TLC, PG 76-22) (1")
TYPE SP-12.5 STRUCTURAL COURSE (TLC, PG 76-22) (2")

REVISIONS							CITY OF KEY WEST FLORIDA SOUTHARD STREET MILLING AND RESURFACING	SOUTHARD STREET TYPICAL SECTION	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				5

Kimley»Horn
BRIAN A. GOOD, P.E.
P.E. LICENSE NUMBER 56939
445 24th STREET, SUITE 200
VERO BEACH, FL 32960
(772) 794-4100



STA. 107+79.74 TO STA. 109+94.55

POSTED SPEED = 25 MPH
DESIGN SPEED = 25 MPH

NOTES:

1. SIDEWALK WIDTH WILL VARY ALONG CORRIDOR DUE TO PHYSICAL ENCROACHMENTS INTENDED TO REMAIN. CONTRACTOR TO COORDINATE WITH CITY REPRESENTATIVE REGARDING SIDEWALK WIDTH VARIATIONS LOCATED ALONG THE CORRIDOR.
2. CONTRACTOR SHALL REVIEW THE PLAN SHEETS FOR ISOLATED VARIATIONS TO THE PROPOSED TYPICAL SECTIONS.
3. ALL CONCRETE SIDEWALKS OUTSIDE OF CONCRETE DRIVEWAYS ARE INTENDED TO BE 4" THICK CONCRETE.

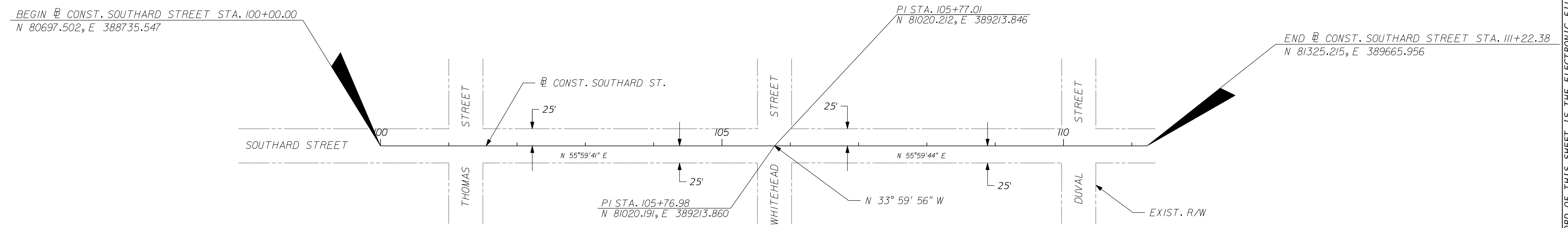
MILLING
MILL EXISTING ASPHALT PAVEMENT (3" AVG. DEPTH)

RESURFACING
TYPE SP-9.5 STRUCTURAL COURSE (TLC, PG 76-22) (1")
TYPE SP-12.5 STRUCTURAL COURSE (TLC, PG 76-22) (2")

P L T C

REVISIONS						Kimley»Horn <small>BRIAN A. GOOD, P.E. P.E. LICENSE NUMBER 56939 445 24th STREET, SUITE 200 VERO BEACH, FL 32960 (772) 794-4100</small>	CITY OF KEY WEST FLORIDA	SOUTHARD STREET TYPICAL SECTION	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		SOUTHARD STREET MILLING AND RESURFACING		6

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



HORIZONTAL AND VERTICAL CONTROL REFERENCE

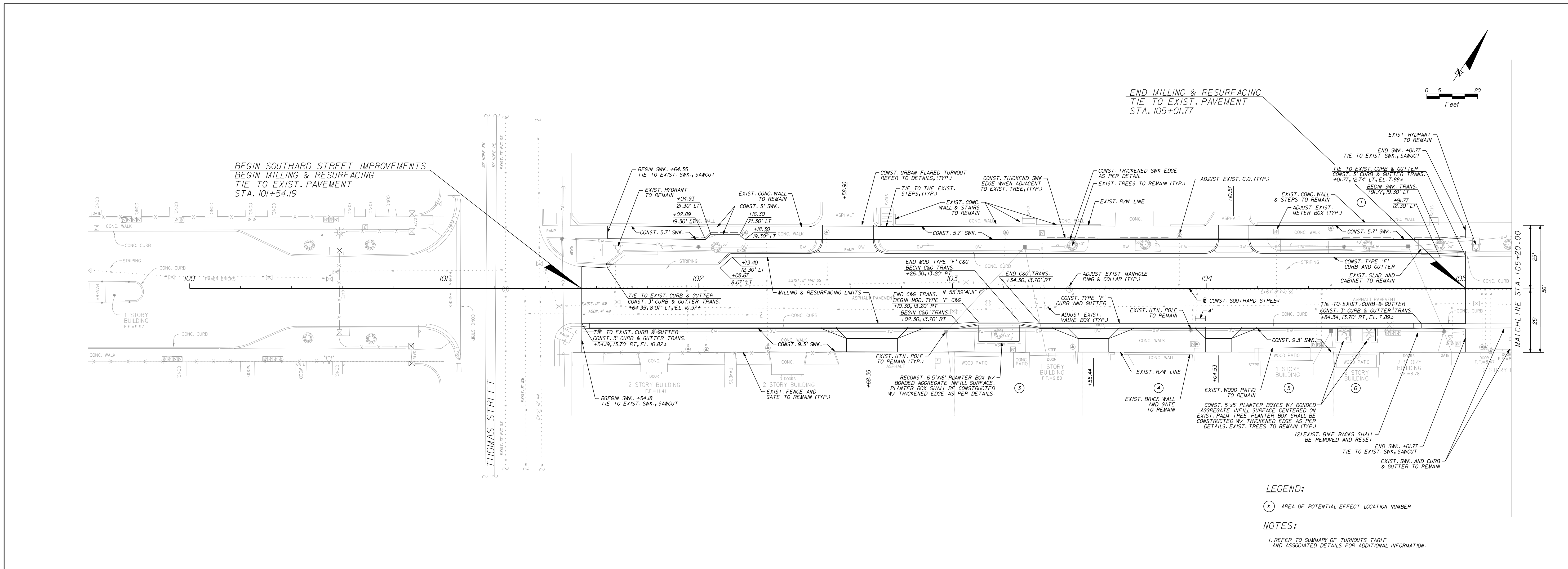
- The Grid/ Geodetic coordinates shown hereon are based on the North American Datum of 1983, adjustment of 1990 (NAD 83/90), of the Florida State Plane Coordinate System (Transverse Mercator Projection), East Zone established by a Real-time Kinematic (RTK) GPS Control Survey which is certified to a 2 centimeter local accuracy (as defined in the FGDC Geospatial Positioning Accuracy Standards, Part 2: National Standard for Spatial Data Accuracy), relative to the nearest control point within the National Geodetic Survey's (NGS) Geodetic Control Network. Redundant ties were made to the following NGS horizontal control stations:
 - A. "BAYOU" (PID Number AA0028)
 - B. "WEST MARTELLO TOWER 2" (PID Number AA1146)
- Elevations shown hereon are based on the National Geodetic Vertical Datum of 1929 established by three-wire differential leveling closure to the following NGS's benchmarks:
 - A. "D 121" (PID Number AA0020) - Elevation 3.914' (NGVD 29)
 - B. "V 267" (PID Number AA0019) - Elevation 7.2146' (NGVD 29)
 - C. "872 4580 TIDAL 24" (PID Number AA0003) - Elevation 6.3911' (NGVD 29)
 - D. "872 4580 TIDAL 25" (PID Number AA0004) - Elevation 5.1098' (NGVD 29)

REVISIONS						Kimley»Horn <small>BRIAN A. GOOD, P.E. P.E. LICENSE NUMBER 56939 445 24th STREET, SUITE 200 VERO BEACH, FL 32960 (772) 794-4100</small>	CITY OF KEY WEST FLORIDA SOUTHARD STREET MILLING AND RESURFACING	HORIZONTAL AND VERTICAL CONTROL SHEET	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				7



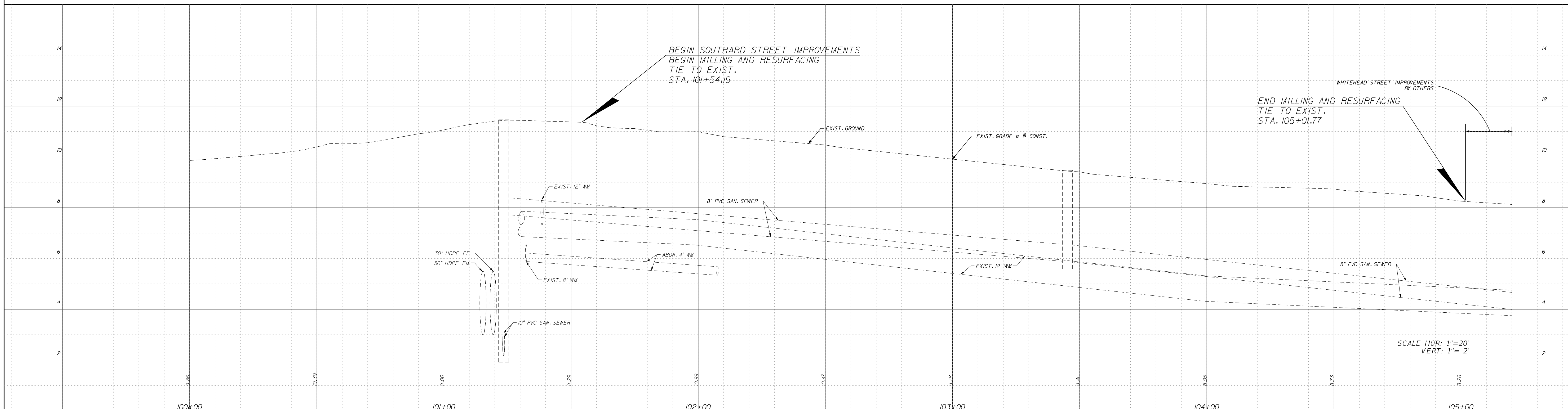
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS						Kimley»Horn <small>BRIAN A. GOOD, P.E. P.E. LICENSE NUMBER 56939 445 24th STREET, SUITE 200 VERO BEACH, FL 32960 (772) 794-4100</small>	CITY OF KEY WEST FLORIDA SOUTHARD STREET MILLING AND RESURFACING	PROJECT LAYOUT	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				8



LEGEND:
 (X) AREA OF POTENTIAL EFFECT LOCATION NUMBER

NOTES:
 1. REFER TO SUMMARY OF TURNOUTS TABLE AND ASSOCIATED DETAILS FOR ADDITIONAL INFORMATION.

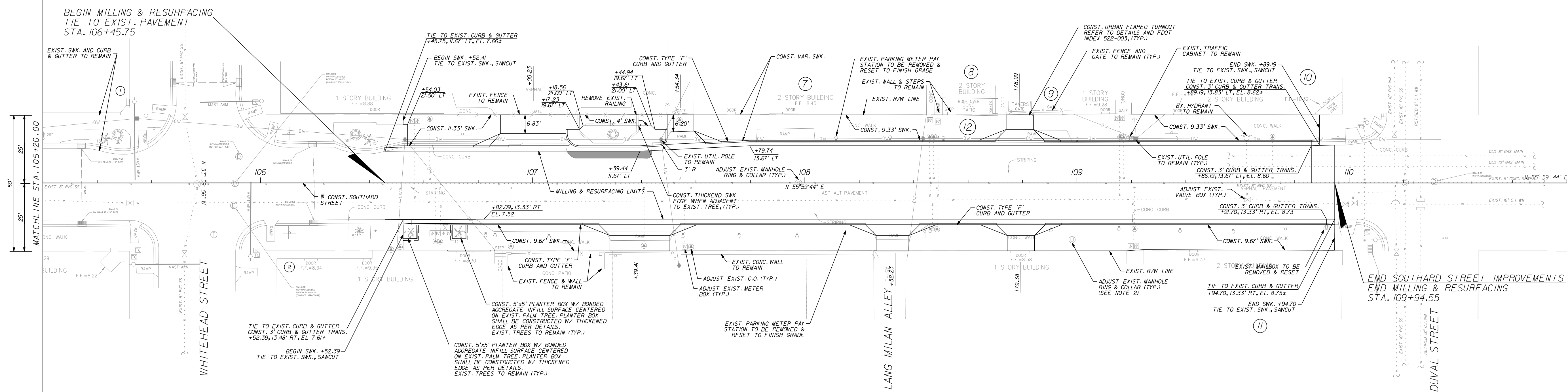
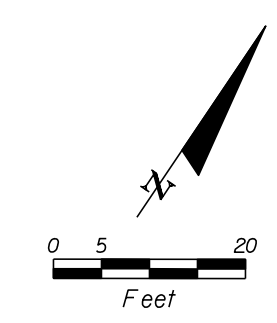


REVISIONS						Kimley»Horn BRIAN A. GOOD, P.E. P.E. LICENSE NUMBER 56939 445 24th STREET, SUITE 200 VERO BEACH, FL 32960 (772) 794-4100	CITY OF KEY WEST FLORIDA SOUTHARD STREET MILLING AND RESURFACING	SOUTHARD STREET PLAN AND PROFILE	SHEET NO. 9
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				
3/10/2021	Rebecca.Pastir		4:18:45 PM						

c:\pwworking\kha\pwwprod\rebecca.pastir\dms71950\SOUTHPLPRRD01.dgn

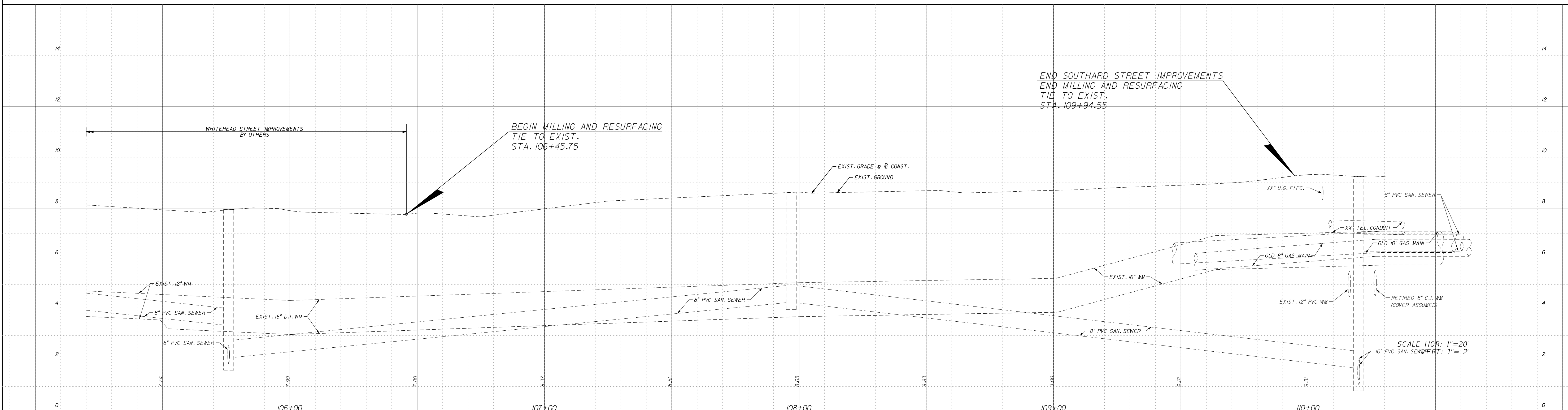
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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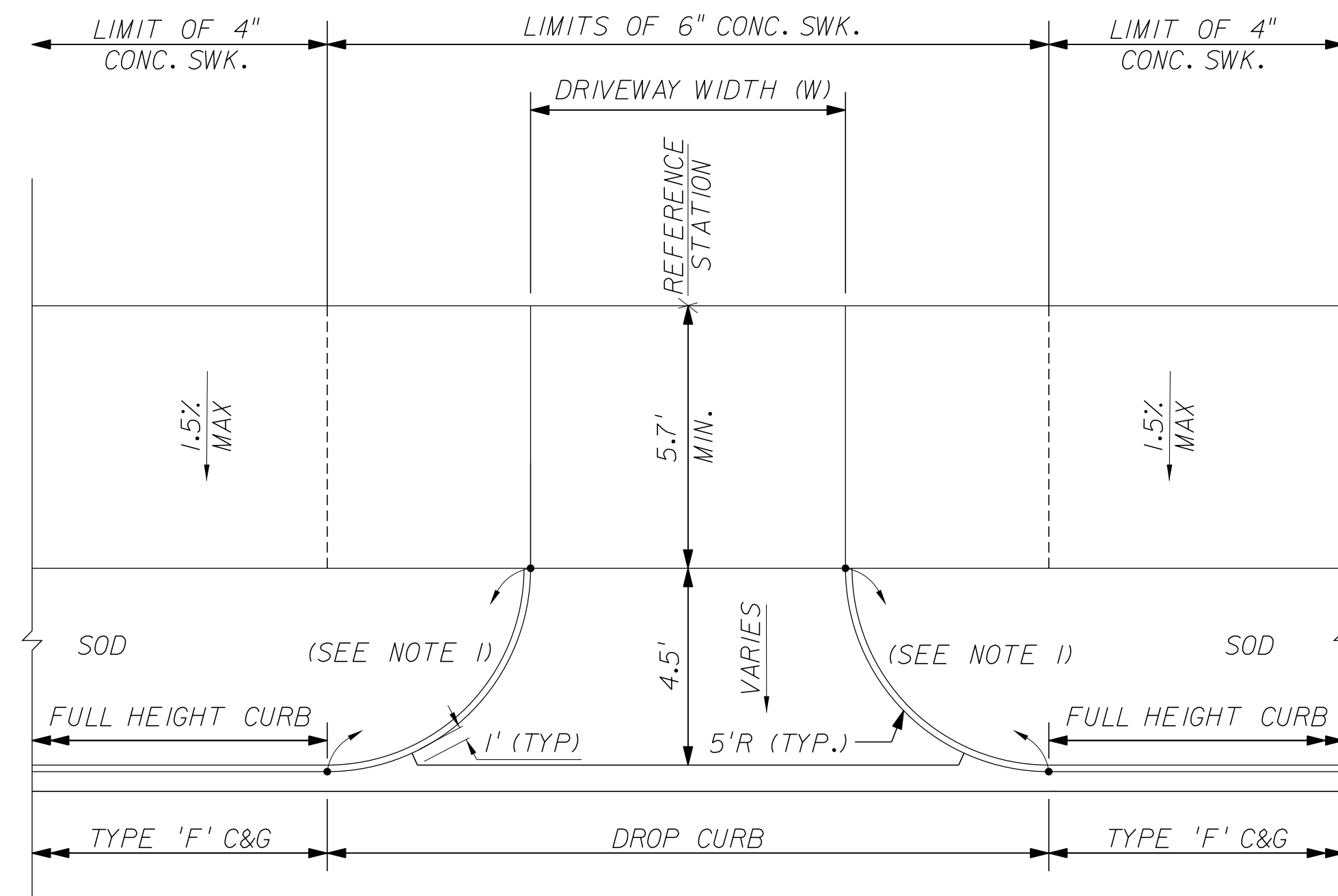
- LEGEND**
- PAVEMENT WIDENING: TYPE SP-9.5 STRUCTURAL COURSE (TLC, PG 76-22(1)*) TYPE SP-12.5 STRUCTURAL COURSE (TLC, PG 76-22(16)*) CEMENTED COQUINA (LBR 100(14) THICK)
 - AREA OF POTENTIAL EFFECT LOCATION NUMBER

- NOTES:**
1. REFER TO SUMMARY OF TURNOUTS TABLE AND ASSOCIATED DETAILS FOR ADDITIONAL INFORMATION.
 2. CONTRACTOR TO COORDINATE WITH FRANCHISE UTILITY PROVIDER TO REPLACE RING AND COLLAR WITH PEDESTRIAN FRIENDLY COVER. COST TO BE INCLUDED IN ADJUSTMENT.



REVISIONS						Kimley»Horn <small>BRIAN A. GOOD, P.E. P.E. LICENSE NUMBER 56939 445 24th STREET, SUITE 200 VERO BEACH, FL 32960 (772) 794-4100</small>	CITY OF KEY WEST FLORIDA SOUTHARD STREET MILLING AND RESURFACING	SOUTHARD STREET PLAN AND PROFILE	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				10
3/10/2021	Rebecca.Pastir	4:18:59 PM							

Rebecca.Pastir 3/10/2021 4:18:59 PM c:\pwworking\kha\pwwprod\rebecca.pastir\dms71950\SOUTHPLPRRD02.dgn

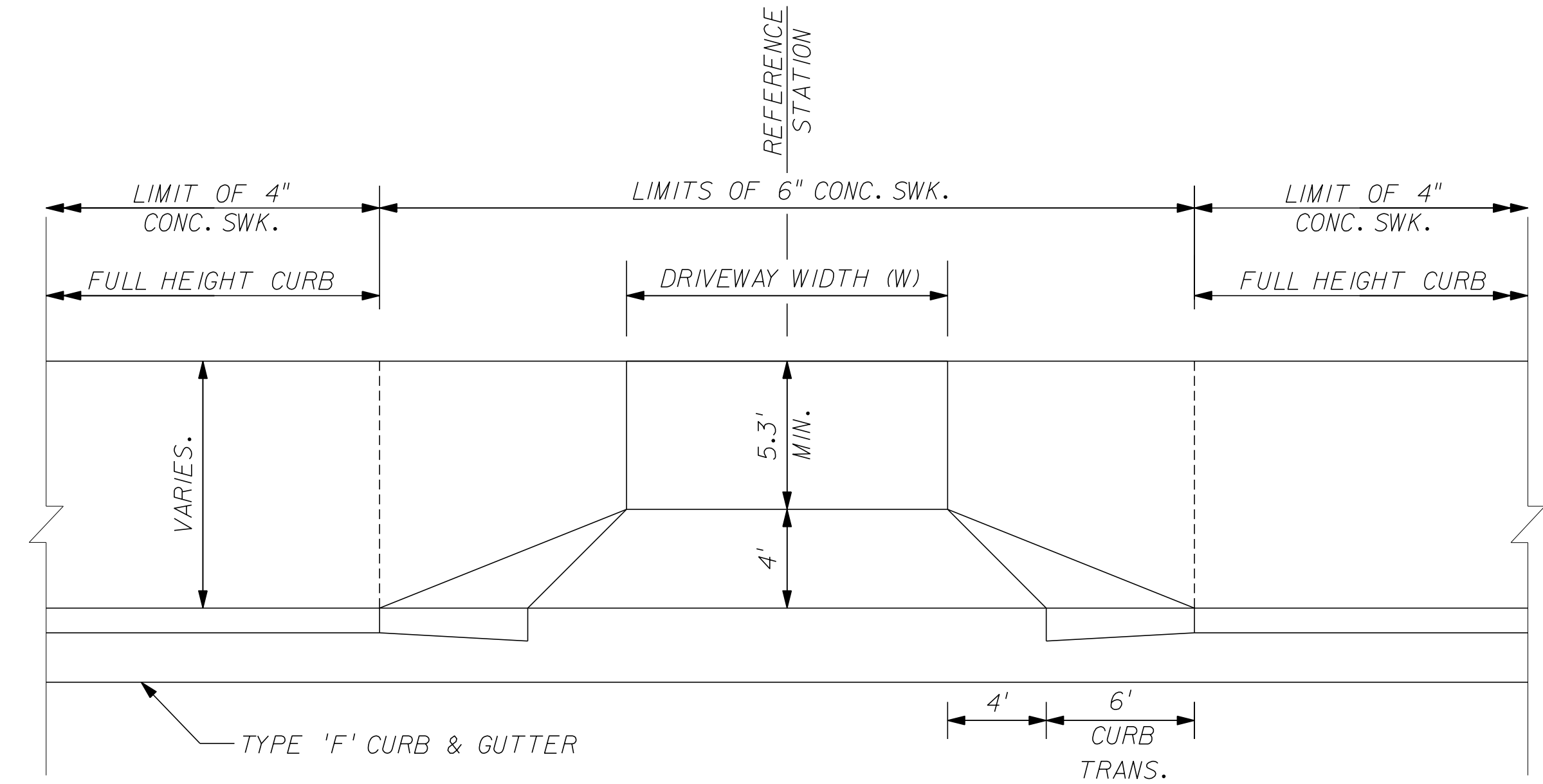


NOTES:

1. TRANSITION CURB HEIGHT FROM 6" HIGH TO 0" HIGH.
2. REFER TO CROSS SECTION SHEETS FOR ADDITIONAL GRADING INFORMATION.

TYPE 3 URBAN FLARED TURNOUT DETAIL

NTS

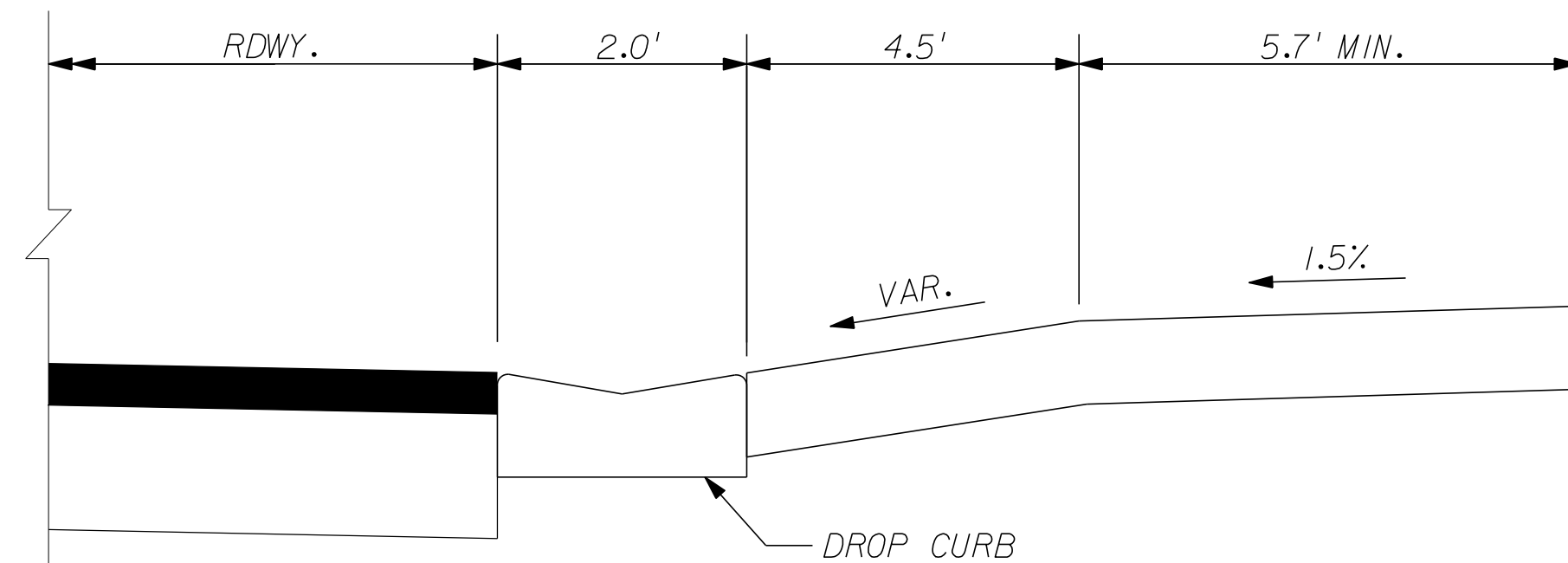


NOTES:

1. REFER TO CROSS SECTION SHEETS FOR ADDITIONAL GRADING INFORMATION.

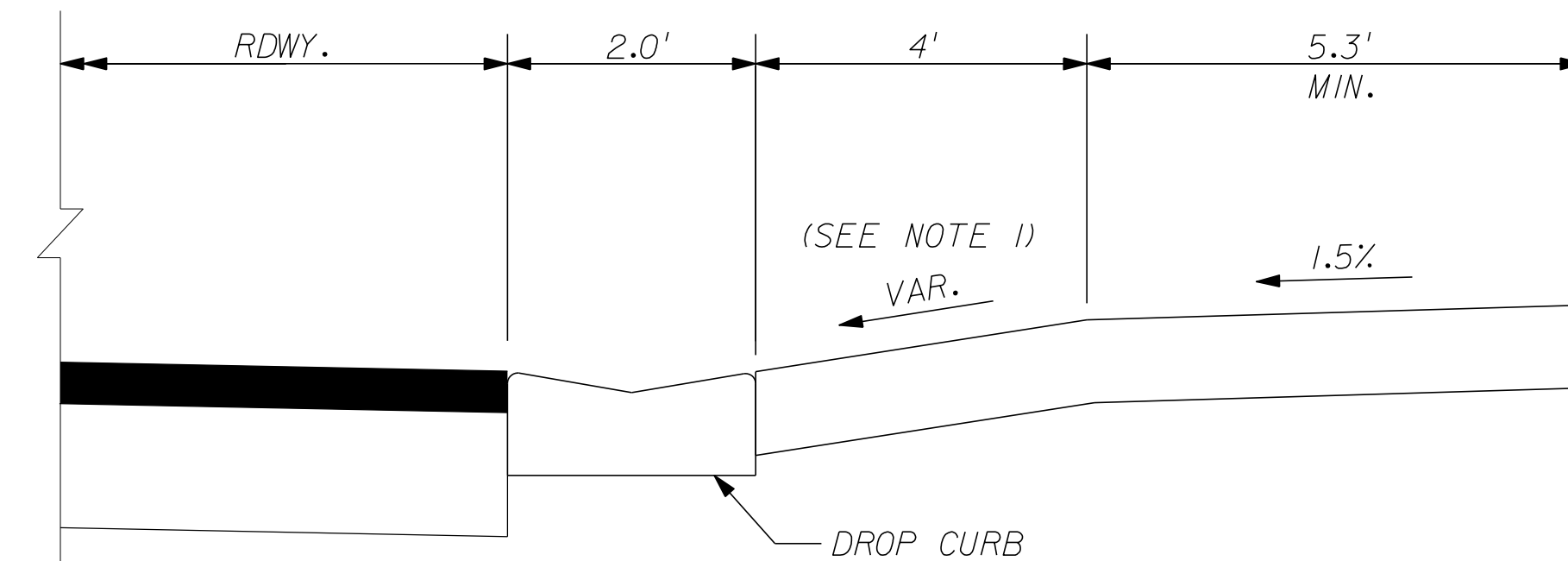
TYPE 4 URBAN FLARED TURNOUT - PLAN VIEW DETAIL

NTS



TYPE 3 URBAN FLARED TURNOUT - PROFILE DETAIL

NTS



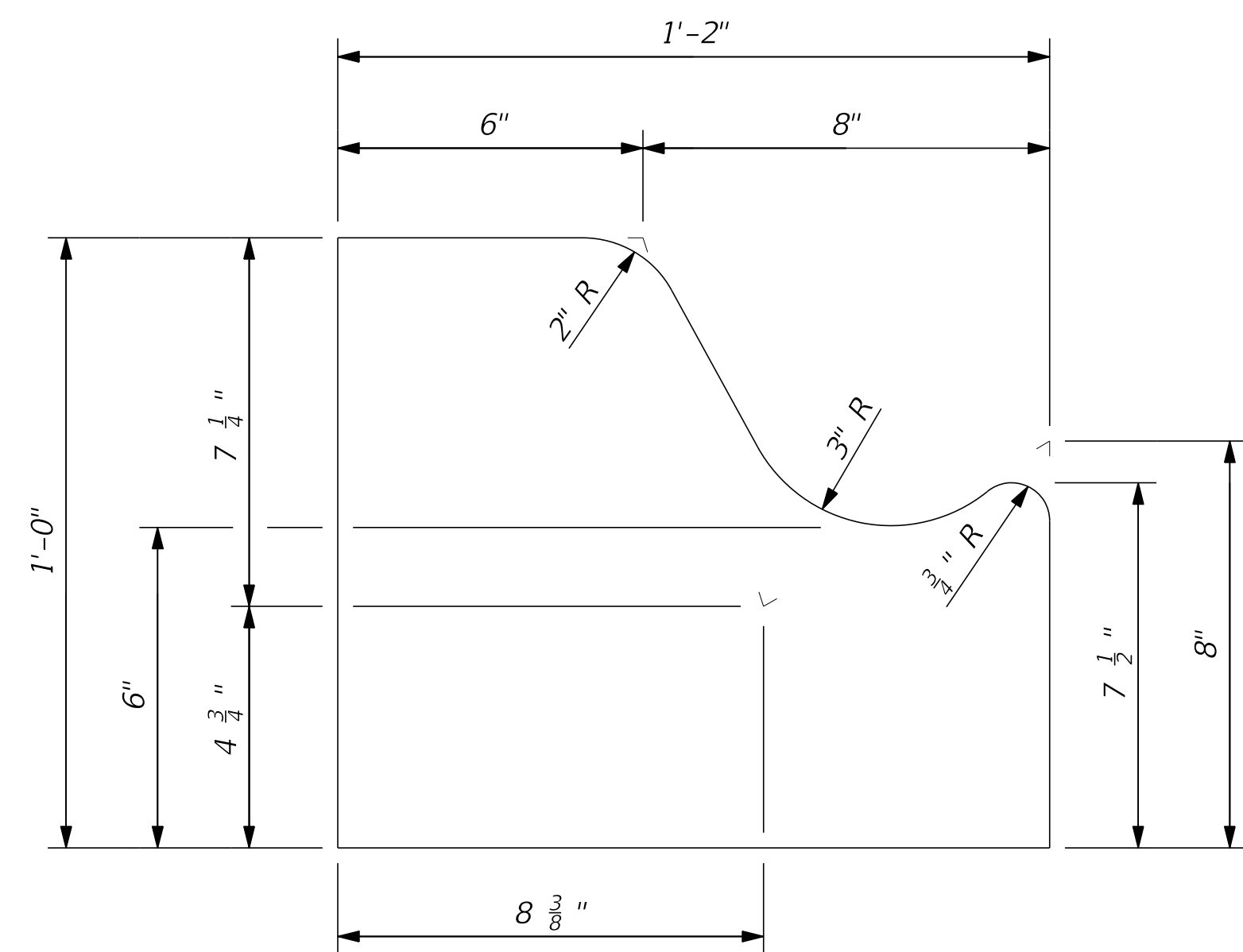
NOTES:

1. TRANSITION CURB HEIGHT FROM 6" HIGH TO 0" HIGH.
2. REFER TO CROSS SECTION SHEETS FOR ADDITIONAL GRADING INFORMATION.

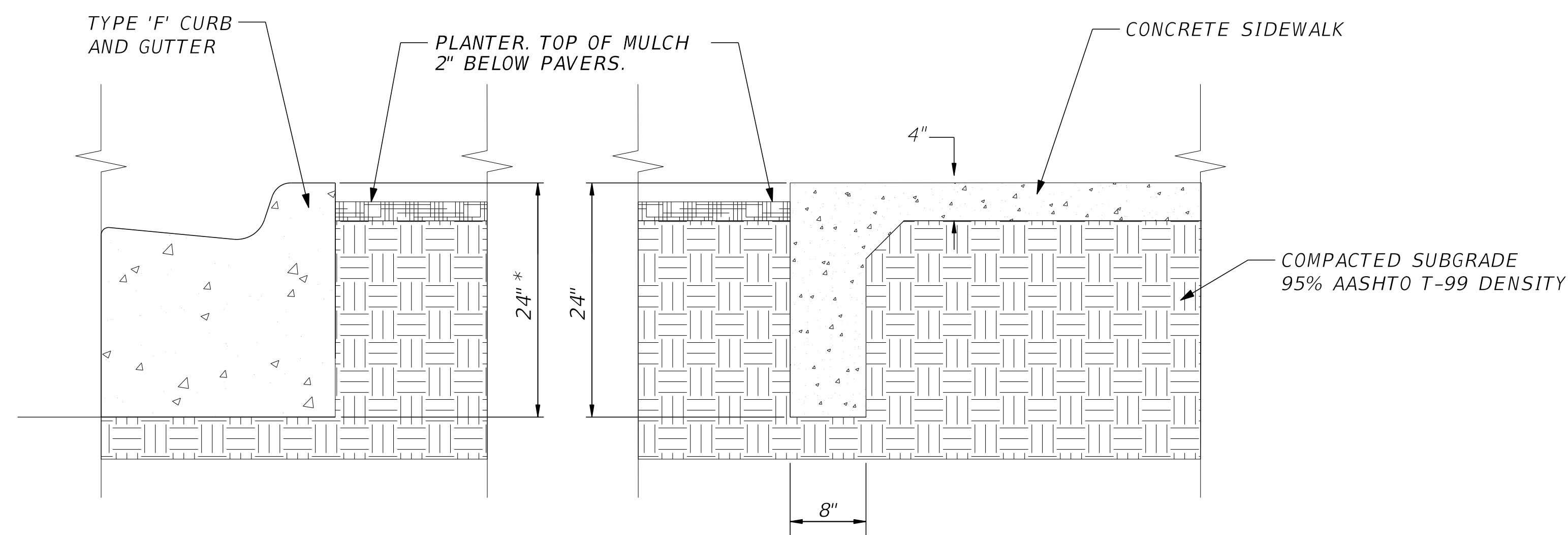
TYPE 4 URBAN FLARED TURNOUT - PROFILE DETAIL

NTS

REVISIONS						Kimley»Horn <small>BRIAN A. GOOD, P.E. P.E. LICENSE NUMBER 56939 445 24th STREET, SUITE 200 VERO BEACH, FL 32960 (772) 794-4100</small>	CITY OF KEY WEST FLORIDA SOUTHARD STREET MILLING AND RESURFACING	MISCELLANEOUS ROADWAY DETAIL SHEET	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				11

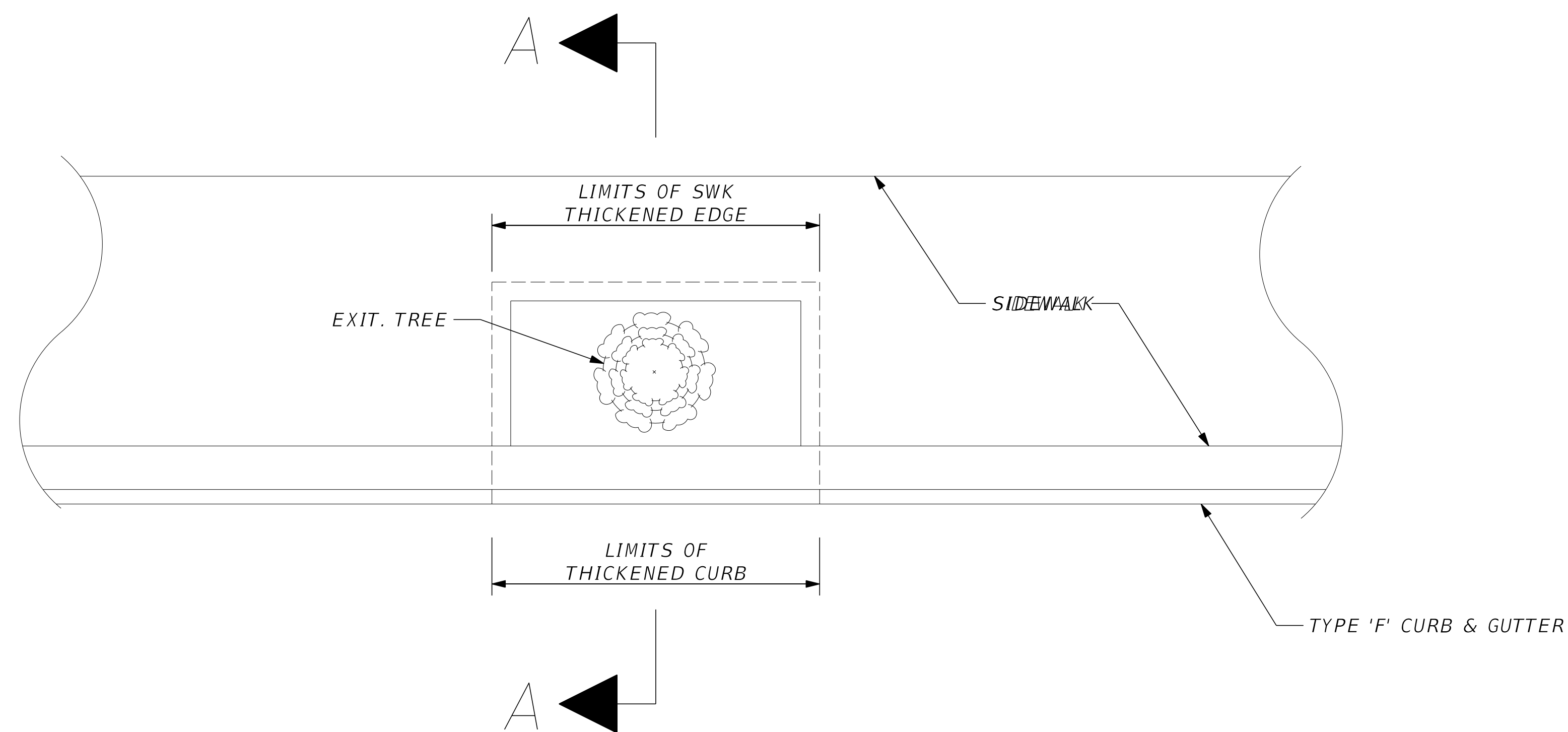


MODIFIED TYPE F
NTS



* TYPE 'F' CURB AND GUTTER DEPTH TO BE 24" WHEN ADJACENT TO PLANTER

TYP. PLANTER TO SIDEWALK/CURB & GUTTER - SECTION A - A
NTS



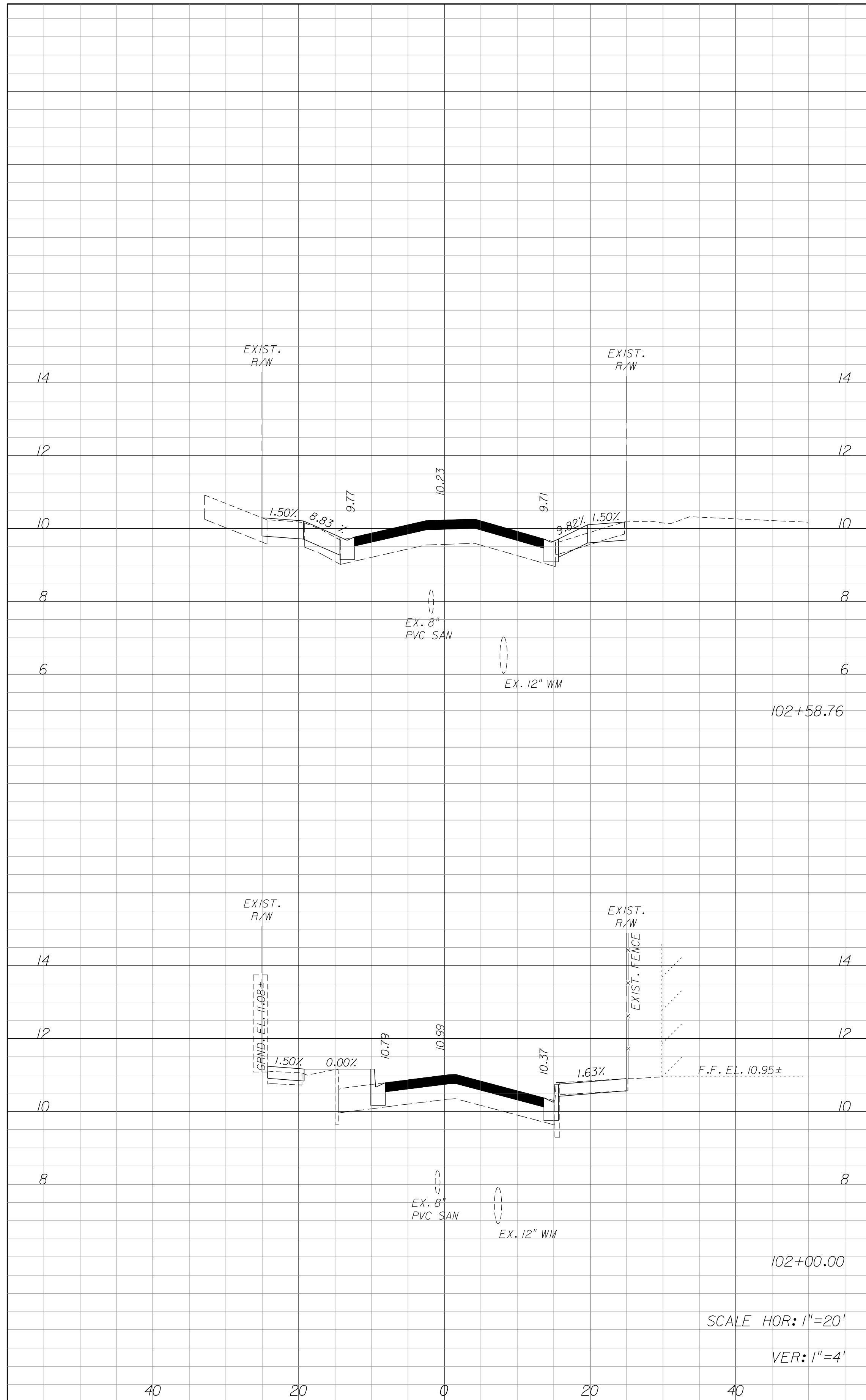
TYP. THICKENED SIDEWALK EDGE/CURB & GUTTER WHEN ADJACENT TO EXISTING TREE - PLAN
NTS

NOTES:

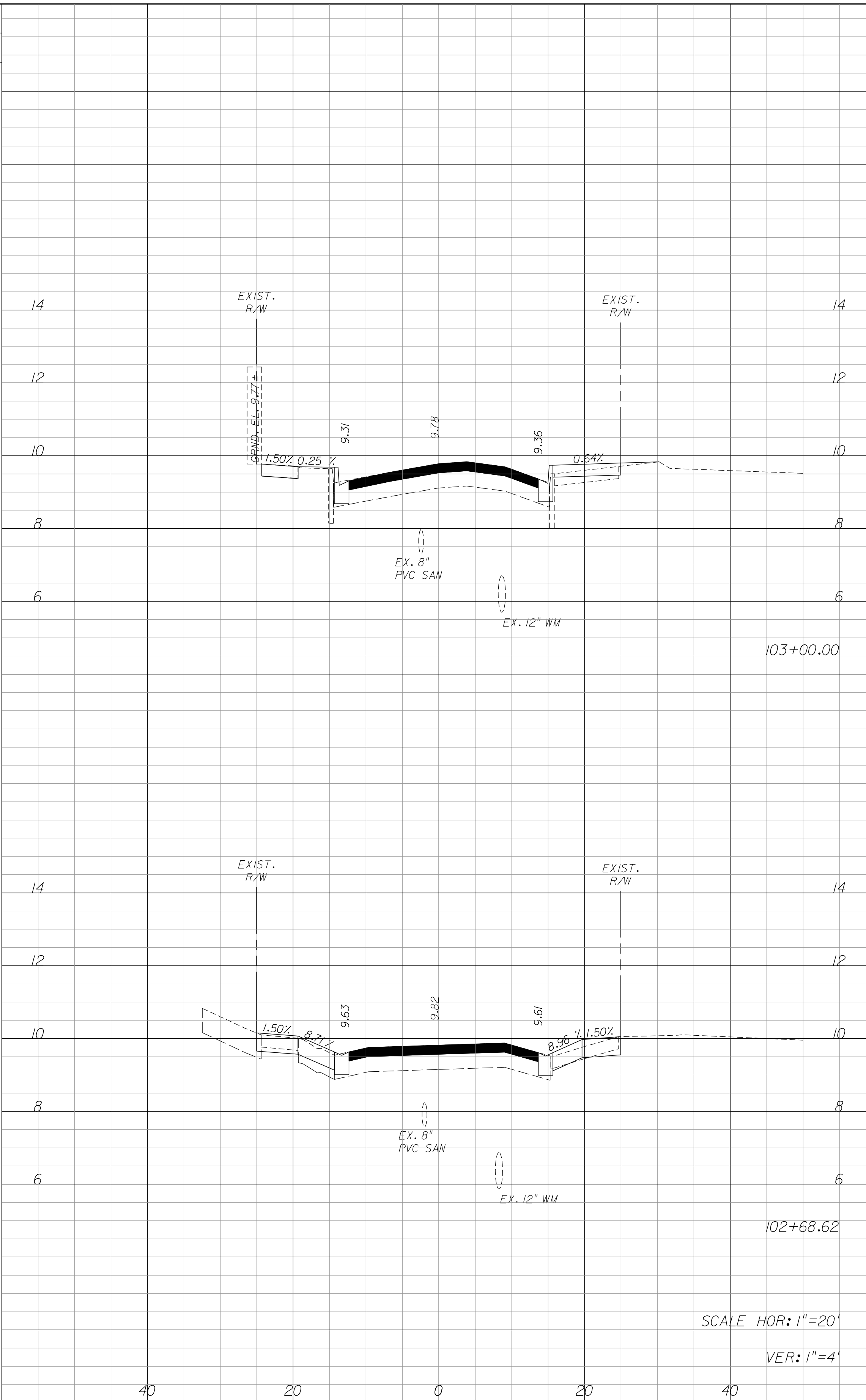
- LIMITS OF THICKENED CONCRETE SHALL MATCH PROPOSED PLANTER DIMENSIONS IDENTIFIED IN THE PLAN & PROFILE SHEET OR NO LESS THAN 20' CENTERED ON EXISTING TREE.

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS						Kimley»Horn <small>BRIAN A. GOOD, P.E. P.E. LICENSE NUMBER 56939 445 24th STREET, SUITE 200 VERO BEACH, FL 32960 (772) 794-4100</small>	CITY OF KEY WEST FLORIDA SOUTHARD STREET MILLING AND RESURFACING	MISCELLANEOUS ROADWAY DETAIL SHEET	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				11A



Regular		Exc.		Embankment	
A	V	A	V	A	V
10.6	19.0	0.0	2.7	0.0	0.0
6.9	0.0	2.5	0.0	0.0	0.0



Regular		Exc.		Embankment	
A	V	A	V	A	V
5.7	9.4	0.4	0.2	0.0	0.0
10.5	3.9	0.0	0.0	0.0	0.0

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Kimley»Horn
 BRIAN A. GOOD, P.E.
 P.E. LICENSE NUMBER 56939
 445 24th STREET, SUITE 200
 VERO BEACH, FL 32960
 (772) 794-4100
 CERTIFICATE OF AUTHORIZATION: 00000696

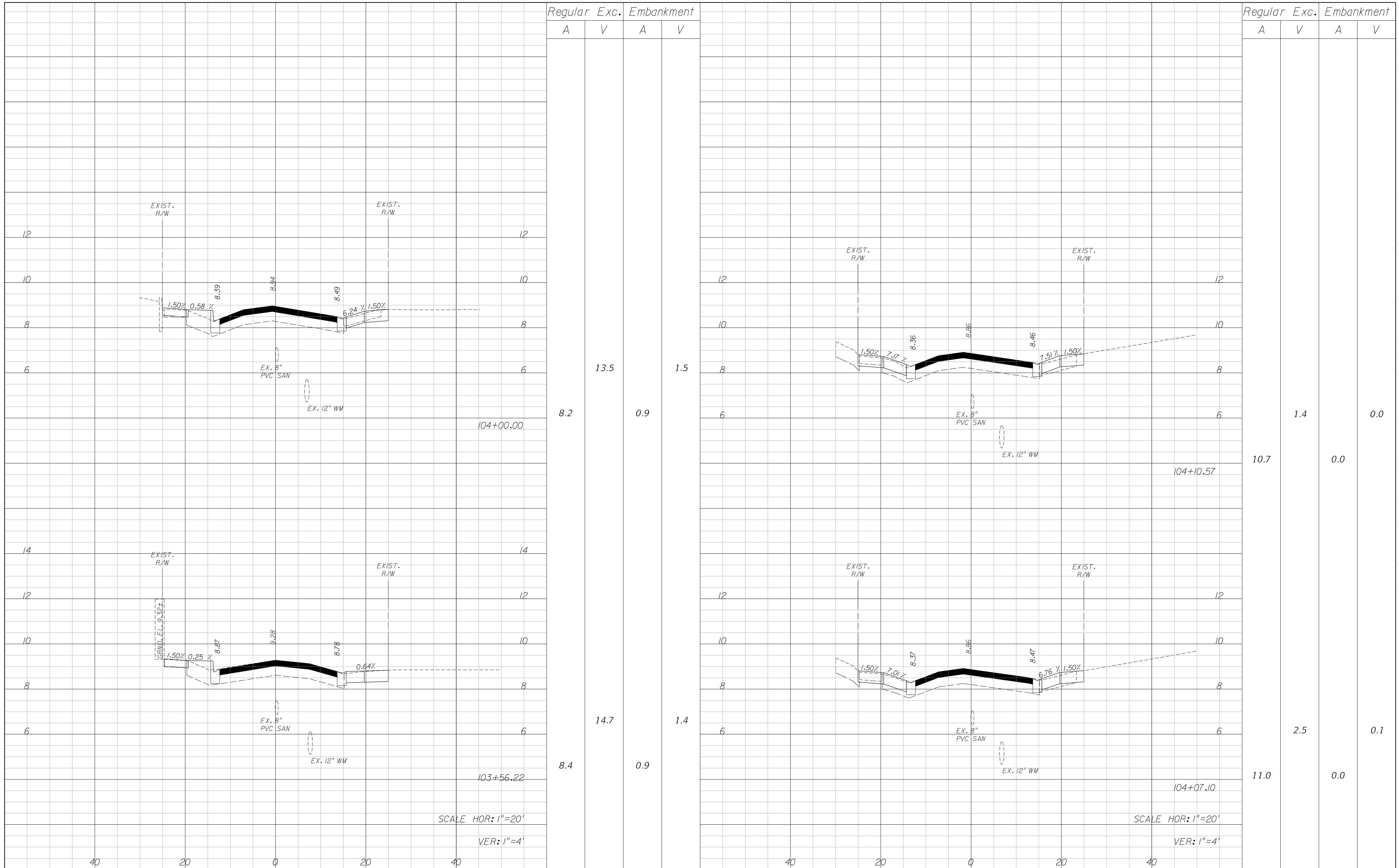
**CITY OF KEY WEST
 FLORIDA
 SOUTHARD STREET
 MILLING AND RESURFACING**

**SOUTHARD STREET
 CROSS SECTIONS**

SHEET NO.
12

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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Regular		Exc.		Embankment	
A	V	A	V	A	V
8.2	13.5	8.4	14.7	10.7	11.0
0.9	0.9	0.9	1.4	0.0	0.1

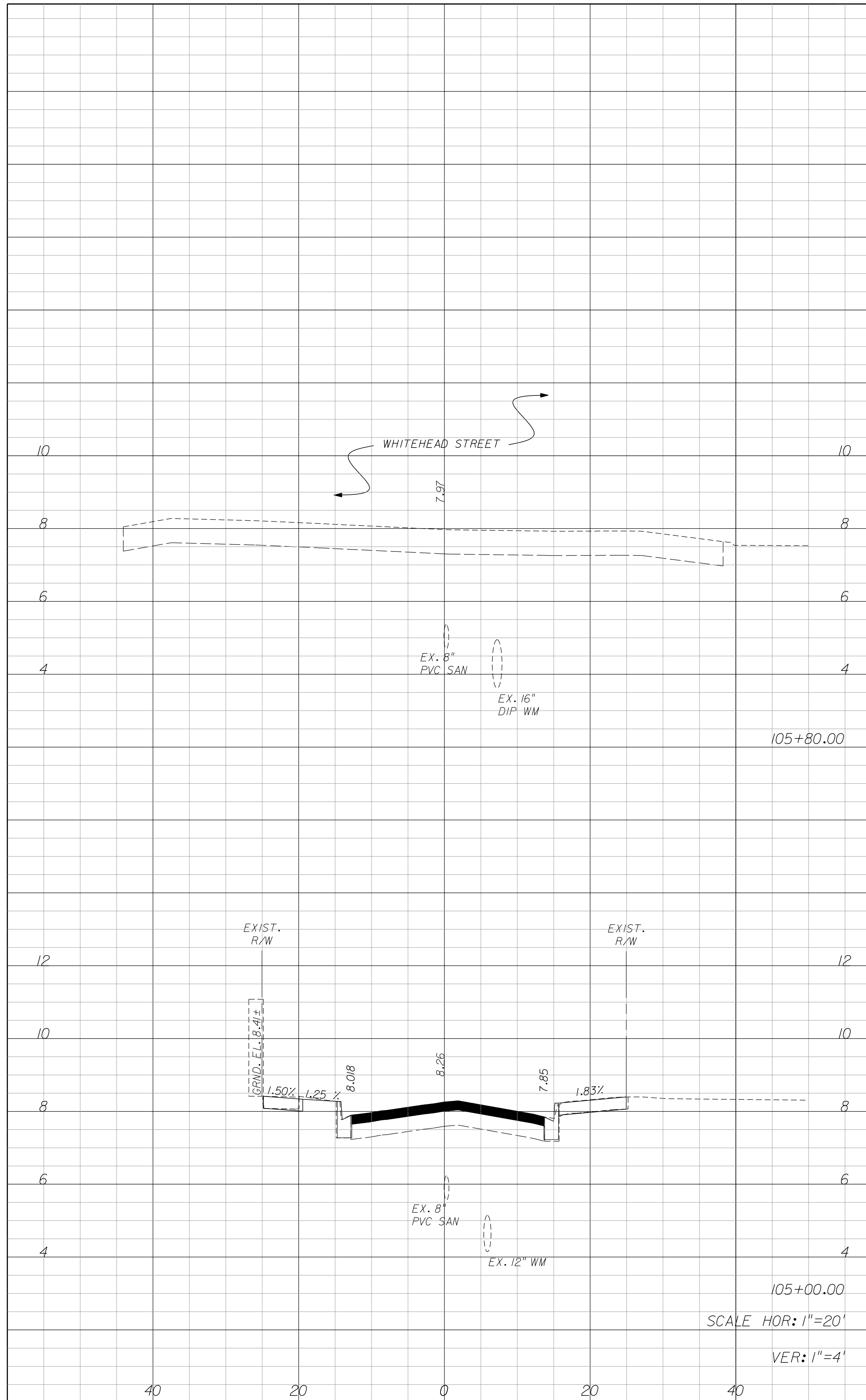
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Kimley»Horn
 BRIAN A. GOOD, P.E.
 P.E. LICENSE NUMBER 56939
 445 24th STREET, SUITE 200
 VERO BEACH, FL 32960
 (772) 794-4100
 CERTIFICATE OF AUTHORIZATION: 00000696

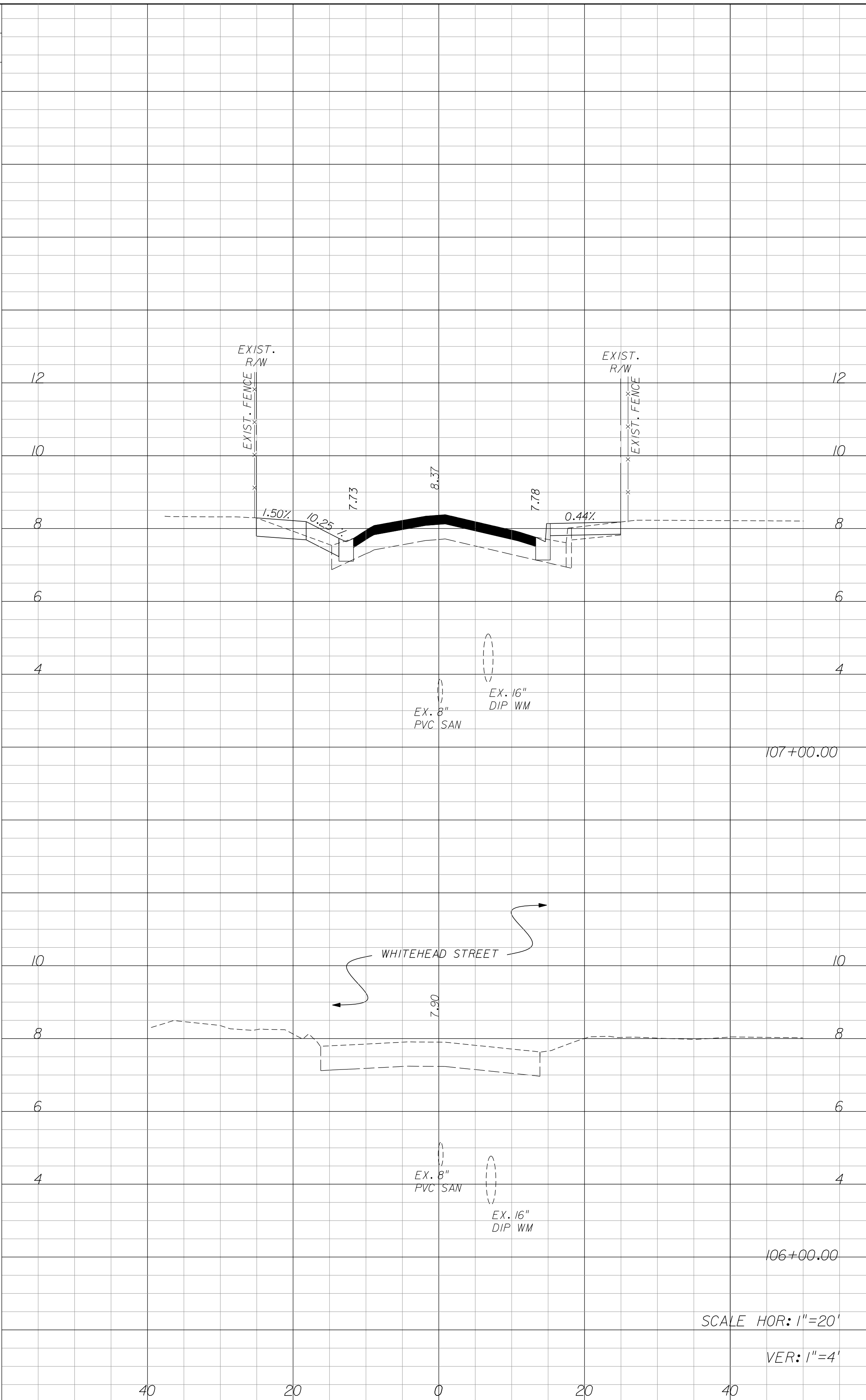
**CITY OF KEY WEST
 FLORIDA
 SOUTHARD STREET
 MILLING AND RESURFACING**

**SOUTHARD STREET
 CROSS SECTIONS**

SHEET NO.
 13



Regular		Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	0.0	0.0	0.0	0.0
8.0	31.0	0.0	0.0	0.0	0.0



Regular		Exc.		Embankment	
A	V	A	V	A	V
6.9	0.0	55.2	0.0	0.4	0.0
0.0	0.0	1.5	0.0	0.0	0.0

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

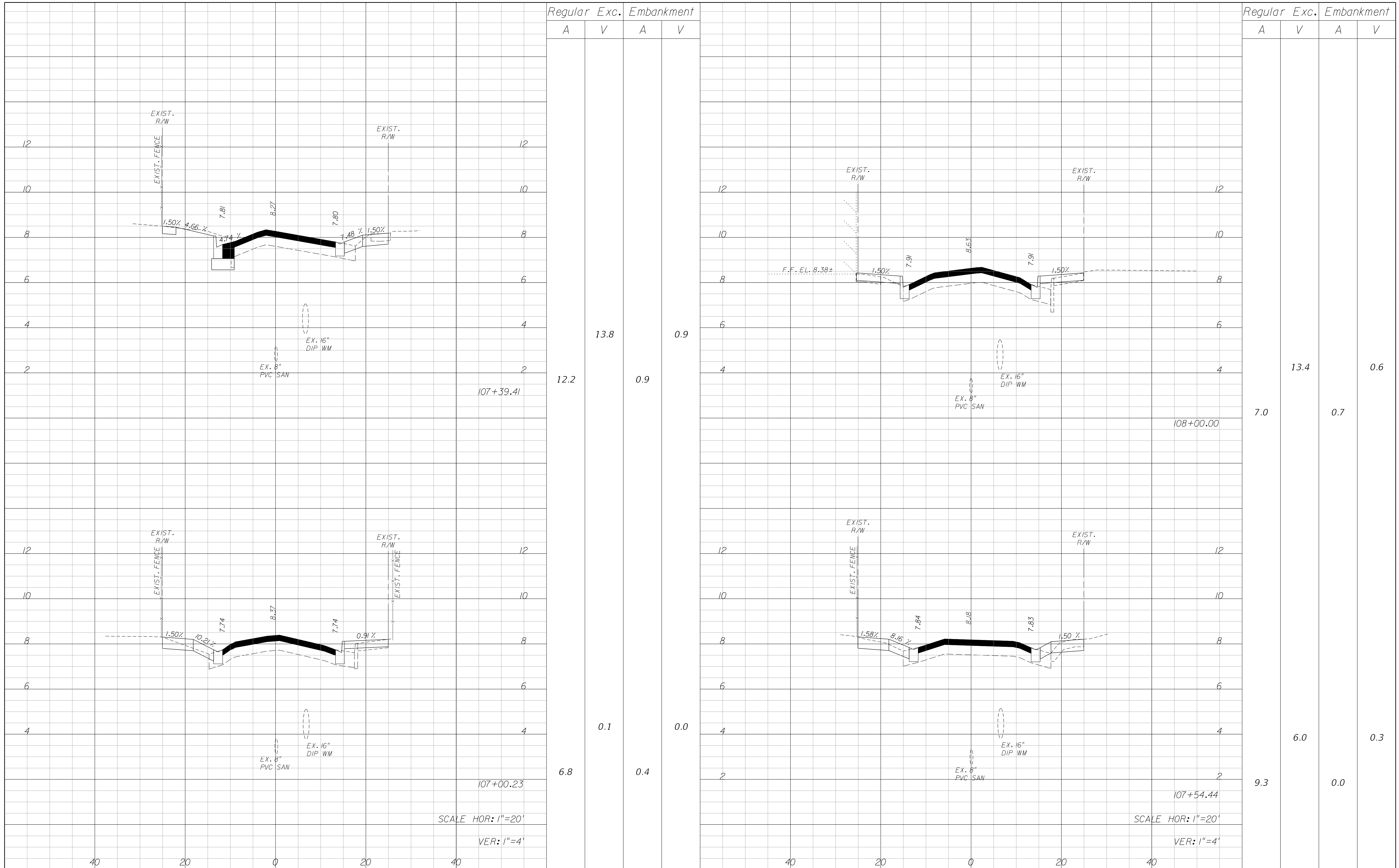
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 CERTIFICATE OF AUTHORIZATION: 00000696

**CITY OF KEY WEST
 FLORIDA
 SOUTHARD STREET
 MILLING AND RESURFACING**

**SOUTHARD STREET
 CROSS SECTIONS**

SHEET NO.
 14

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Regular		Exc.		Embankment	
A	V	A	V	A	V
12.2	13.8	0.9	0.9	6.8	0.4
7.0	13.4	0.7	0.6	9.3	0.3

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

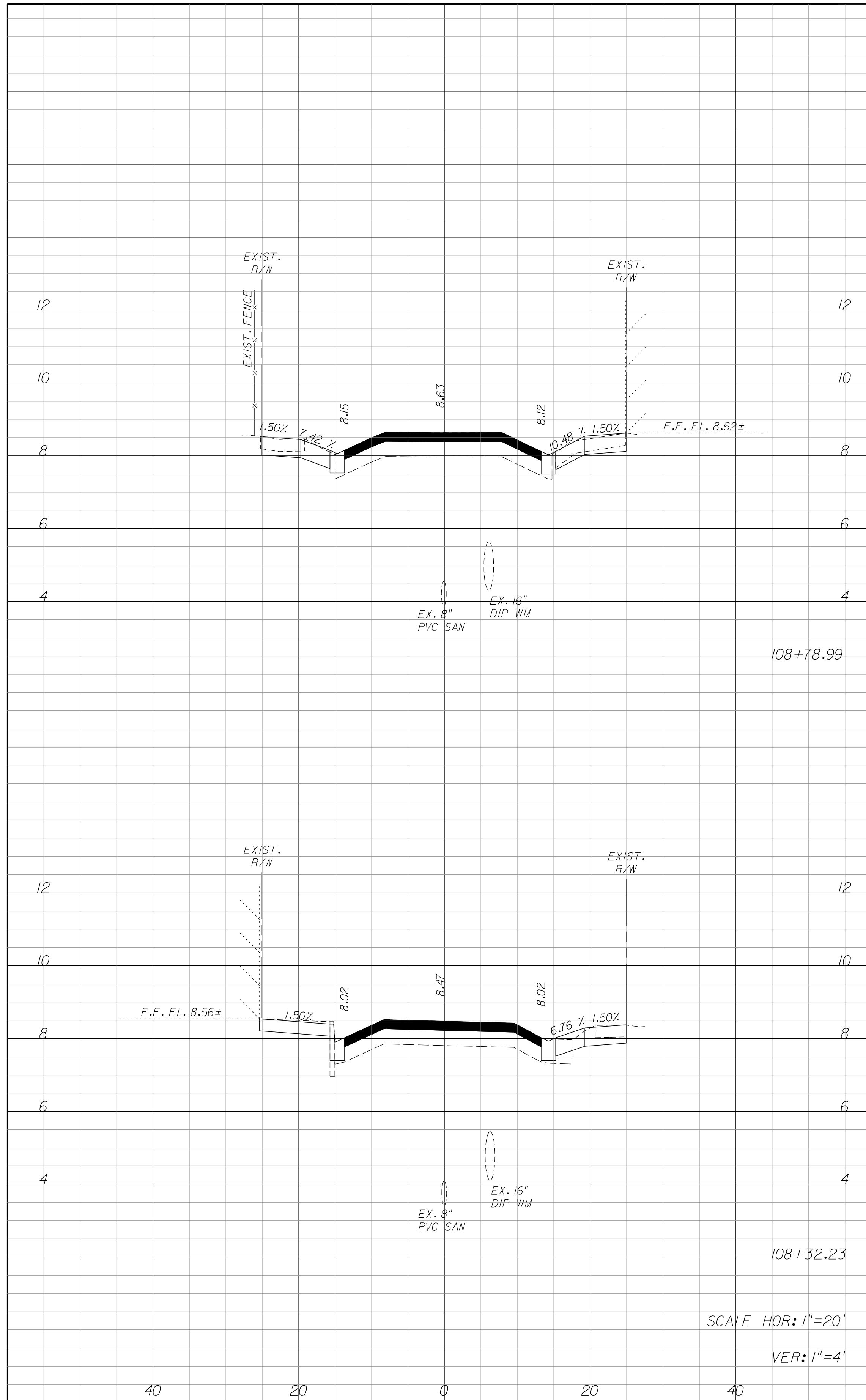
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**CITY OF KEY WEST
 FLORIDA
 SOUTHARD STREET
 MILLING AND RESURFACING**

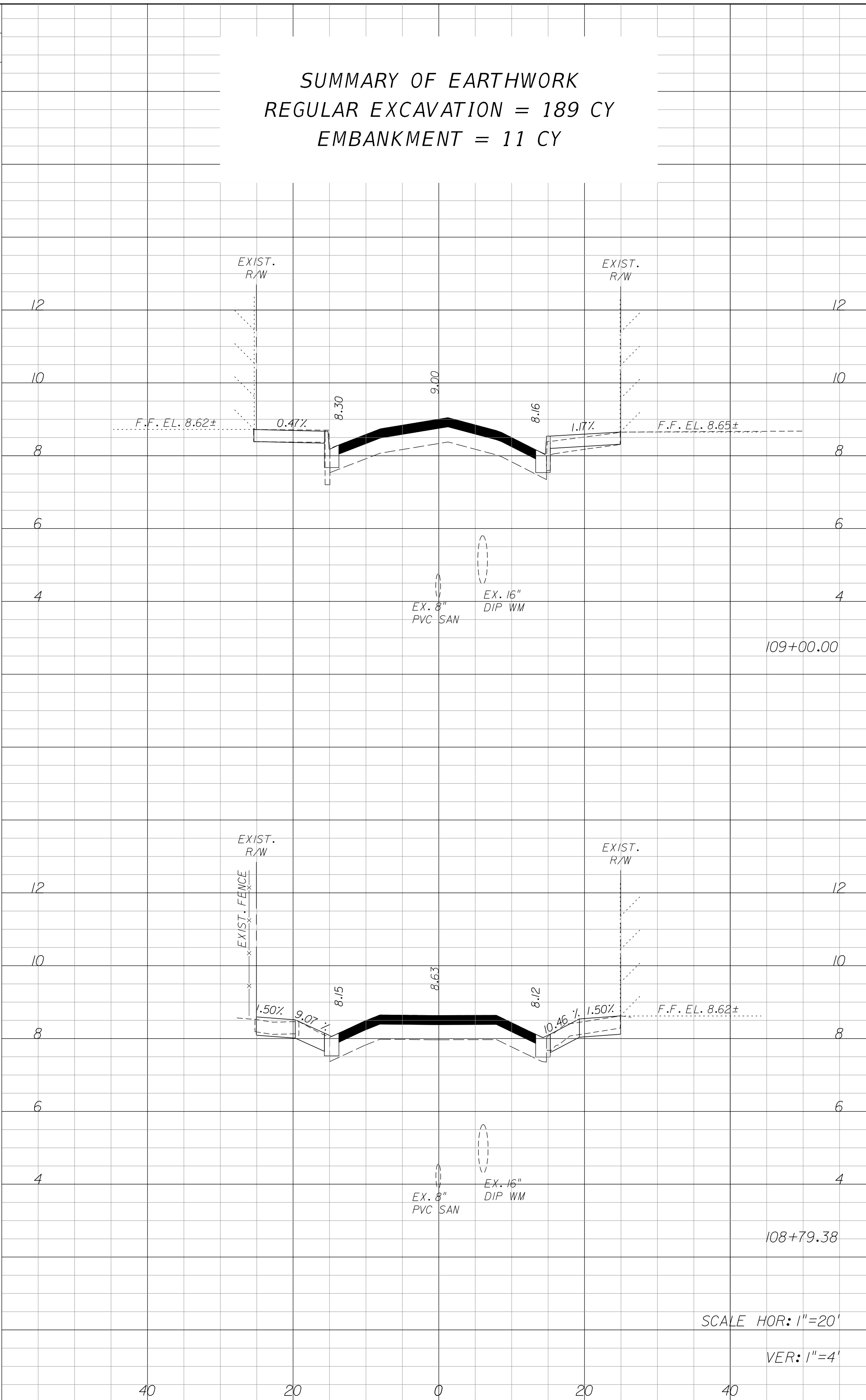
**SOUTHARD STREET
 CROSS SECTIONS**

SHEET NO. 15

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Regular		Exc.		Embankment	
A	V	A	V	A	V
			17.2		0.0
11.4				0.0	
		8.0			0.4
8.5					



Regular		Exc.		Embankment	
A	V	A	V	A	V
			7.4		0.0
8.5				0.0	
		0.2			0.0
10.9					

SUMMARY OF EARTHWORK
 REGULAR EXCAVATION = 189 CY
 EMBANKMENT = 11 CY

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

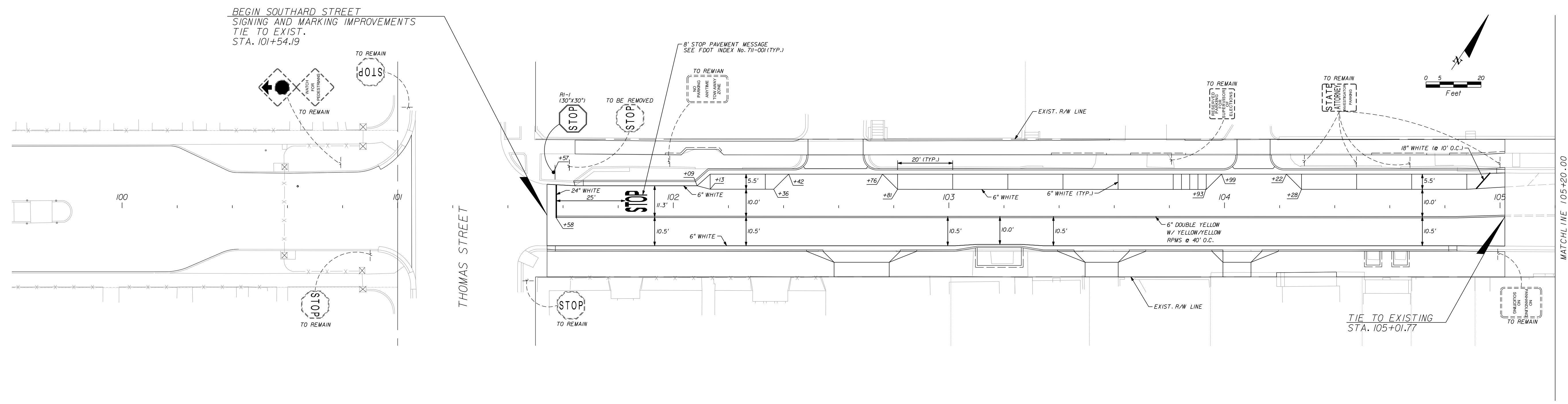
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CITY OF KEY WEST
 FLORIDA
 SOUTHARD STREET
 MILLING AND RESURFACING

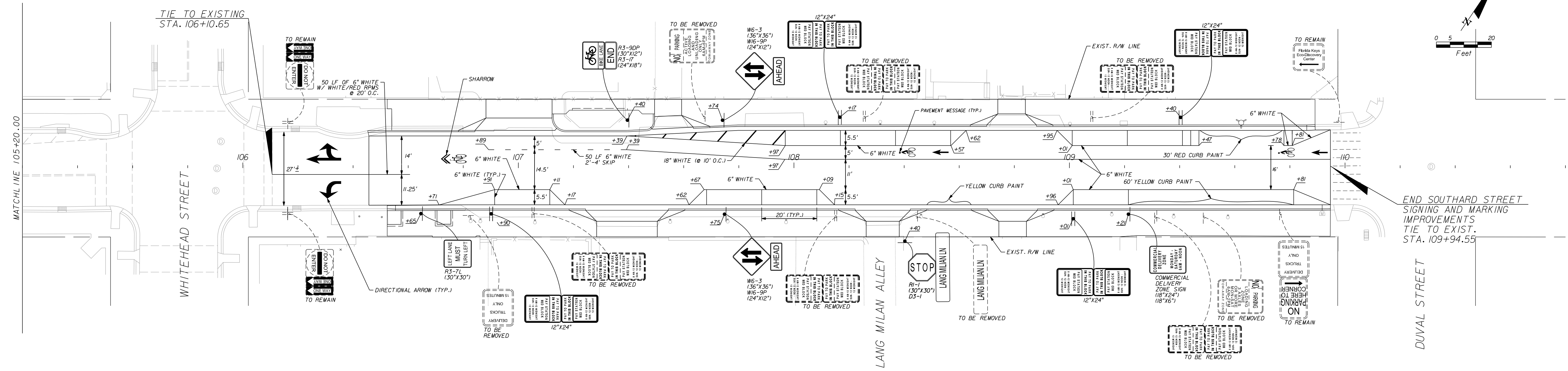
SOUTHARD STREET
 CROSS SECTIONS

SHEET NO.
 16

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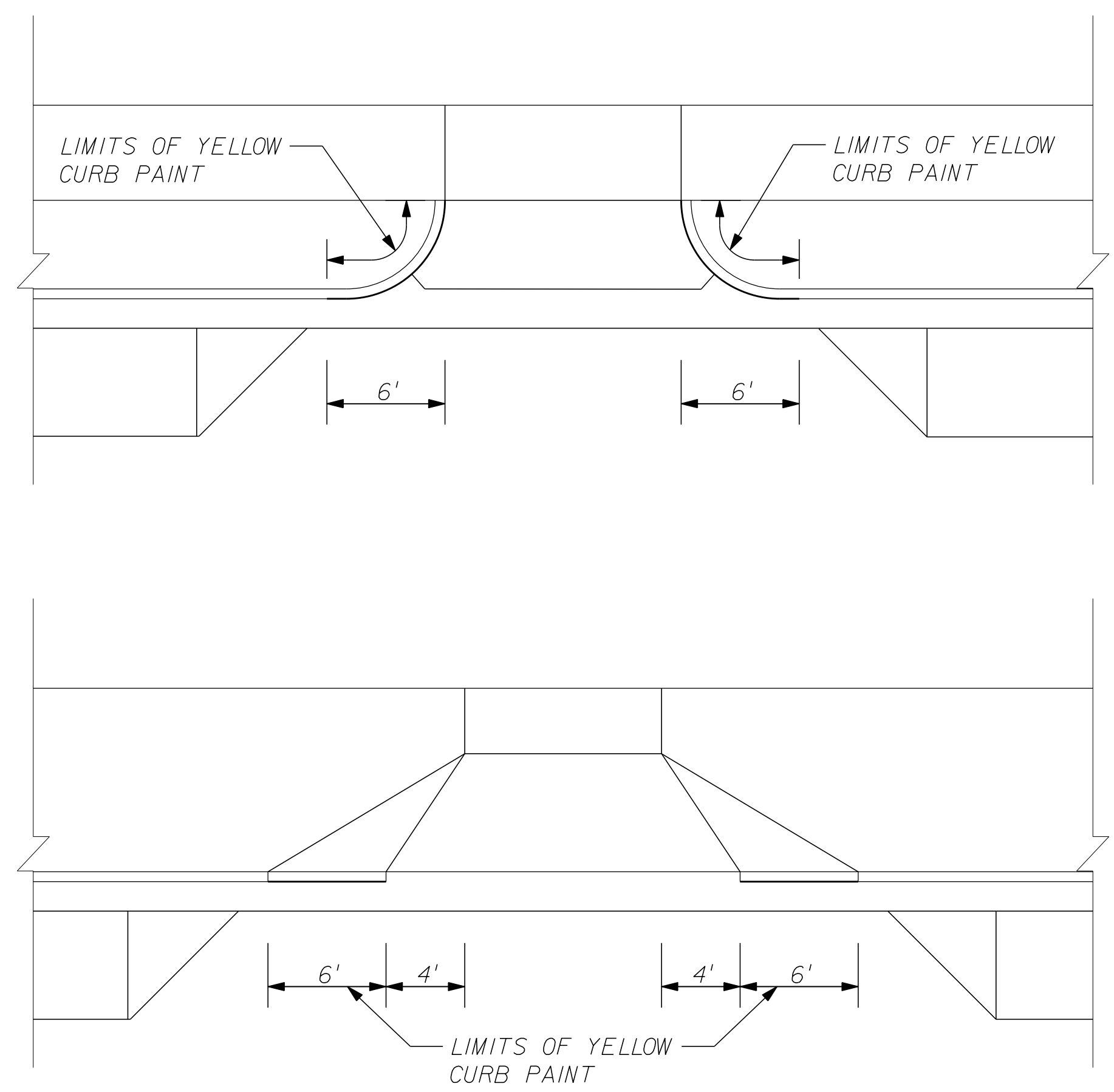
NOTE:
 1. REFER TO MISCELLANEOUS SIGNING AND MARKING DETAIL SHEETS FOR ADDITIONAL INFORMATION RELATED TO CURB PAINT LOCATIONS.
 2. THE CONTRACTOR SHALL SUBMIT CUT SHEETS/DETAILS FOR ALL NON-STANDARD SIGNAGE FOR THE CITY TO REVIEW AND APPROVAL PRIOR TO FABRICATION.



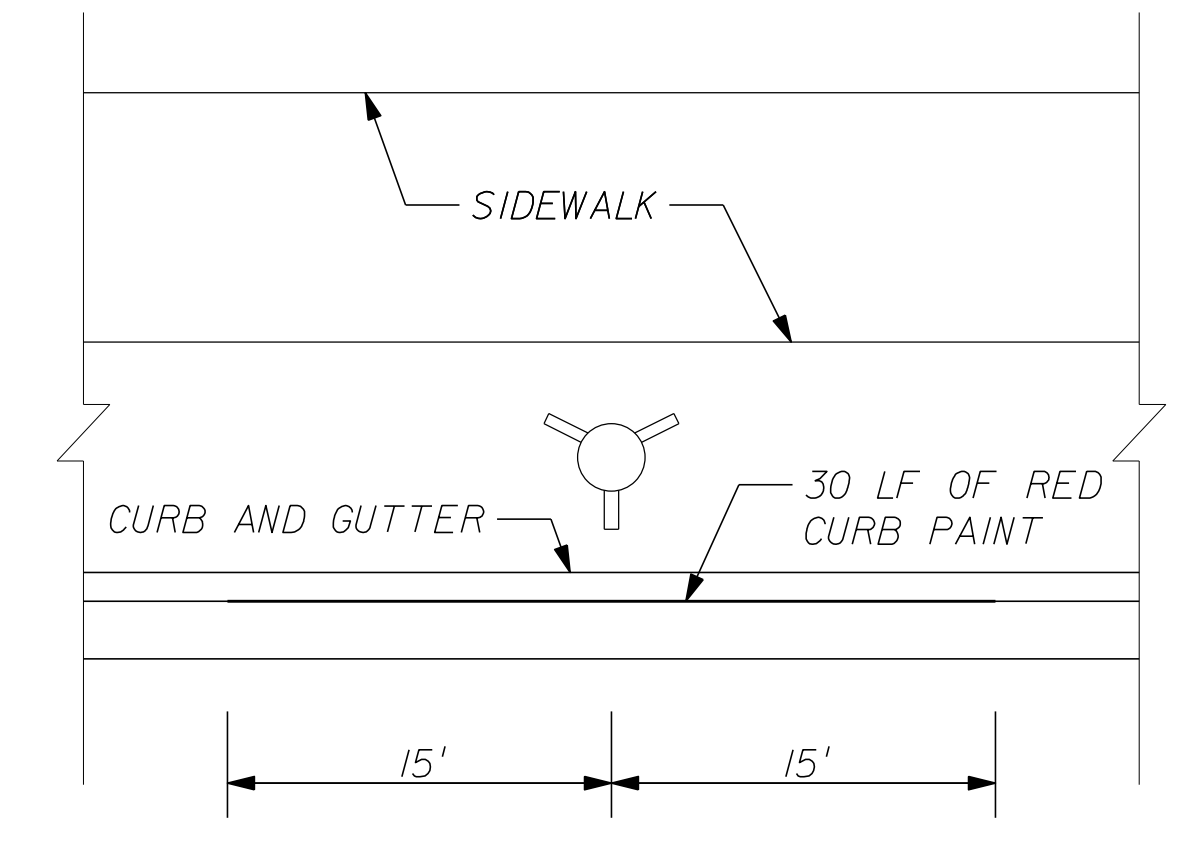
NOTE:
 1. REFER TO MISCELLANEOUS SIGNING AND MARKING DETAIL SHEETS FOR ADDITIONAL INFORMATION RELATED TO CURB PAINT LOCATIONS.
 2. THE CONTRACTOR SHALL SUBMIT CUT SHEETS/DETAILS FOR ALL NON-STANDARD SIGNAGE FOR THE CITY TO REVIEW AND APPROVAL PRIOR TO FABRICATION.

REVISIONS						Kimley»Horn BRIAN A. GOOD, P.E. P.E. LICENSE NUMBER 56939 445 24th STREET, SUITE 200 VERO BEACH, FL 32960 (772) 794-4100	CITY OF KEY WEST FLORIDA SOUTHARD STREET MILLING AND RESURFACING	SIGNING AND MARKING	SHEET NO. 17
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				
3/10/2021	Rebecca.Pastir		4:19:45 PM		c:\pwworking\kha\pwwprod\rebecca.pastir\dms71926\SOUTHPLSP01.dgn				

1. SIGNS AND PAVEMENT MARKINGS ARE TO CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
2. REFLECTIVE PAVEMENT MARKERS SHALL BE POSITIONED ACCORDING TO FDOT INDEX NO. 706-001 & THIS PLAN.
3. ALL PAVEMENT MARKINGS ARE TO CONSIST OF 90 MIL ALKYD THERMOPLASTIC.
4. ALL SIGNS SHALL BE MADE OF REFLECTIVE SHEETING ON 0.080-GAUGE ALUMINUM SIGN BLANKS.



DRIVEWAY MARKING DETAILS
NTS



FIRE HYDRANT MARKING DETAIL
NTS

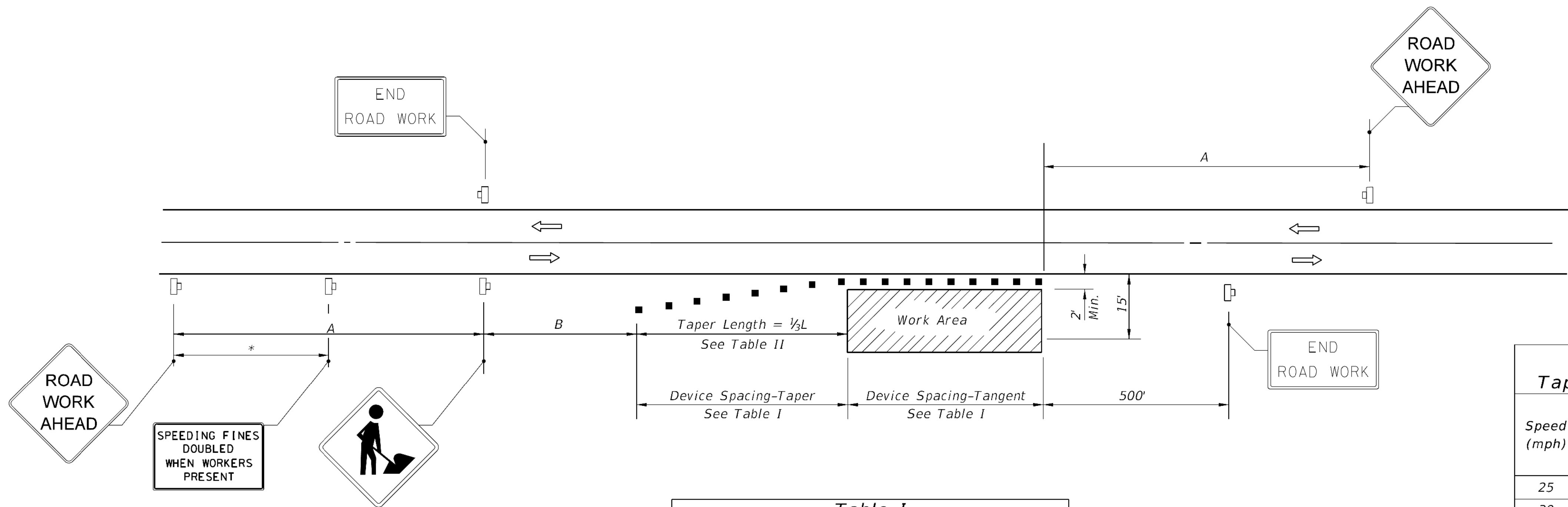
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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**CITY OF KEY WEST
 FLORIDA
 SOUTHARD STREET
 MILLING AND RESURFACING**

**MISCELLANEOUS
 SIGNING AND MARKING
 DETAIL SHEET**

SHEET NO.
 18



DISTANCE BETWEEN SIGNS		
Speed	Spacing (ft.)	
	A	B
40 mph or less	200	200
45 mph	350	350
50 mph or greater	500	500

*Midway between signs.

Table I Device Spacing				
Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50
50 to 70	25	50	50	100

Table II Taper Length - Shoulder				
Speed (mph)	1/2 L (ft)			Notes
	8' Shldr.	10' Shldr.	12' Shldr.	
25	28	35	42	L = $\frac{WS^2}{60}$
30	40	50	60	
35	55	68	82	
40	72	90	107	
45	120	150	180	L = WS
50	133	167	200	
55	147	183	220	
60	160	200	240	
65	173	217	260	
70	187	233	280	

8' minimum shoulder width

1/2 L = Length of shoulder taper in feet

W = Width of total shoulder in feet (combined paved and unpaved width)

S = Posted speed limit (mph)

- SYMBOLS**
- Work Area
 - Channelizing Device (See Index 102-600)
 - Work Zone Sign
 - Lane Identification + Direction of Traffic

- GENERAL NOTES**
- When four or more work vehicles enter the through traffic lanes in a one hour period or less (excluding establishing and terminating the work area), the advanced FLAGGER sign shall be substituted for the WORKERS sign. For location of flaggers and FLAGGER signs, see Index 102-603.
 - SHOULDER WORK sign may be used as an alternate to the WORKER symbol sign only on the side where the shoulder work is being performed.
 - When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ Indexes.
 - For general TCZ requirements and additional information, refer to Index 102-600.

- DURATION NOTES**
- Signs and channelizing devices may be omitted if all of the following conditions are met:
 - Work operations are 60 minutes or less.
 - Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

CONDITIONS
WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH THE AREA CLOSER THAN 15' BUT NOT CLOSER THAN 2' TO THE EDGE OF TRAVEL WAY.

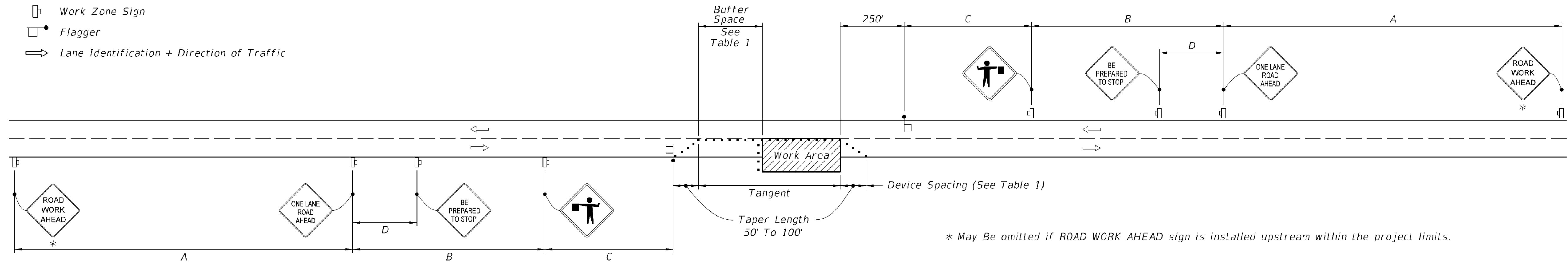
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LAST REVISION 11/01/17	DESCRIPTION:	FY 2020-21 STANDARD PLANS	TWO-LANE, TWO-WAY, WORK ON SHOULDER	INDEX 102-602	SHEET 1 of 1
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REVISIONS							CITY OF KEY WEST FLORIDA SOUTHARD STREET MILLING AND RESURFACING	MAINTENANCE OF TRAFFIC	SHEET NO. 19
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				
						BRIAN A. GOOD, P.E. P.E. LICENSE NUMBER 56939 445 24th STREET, SUITE 200 VERO BEACH, FL 32960 (772) 794-4100			

SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Flagger
- Lane Identification + Direction of Traffic



————— WITHOUT TEMPORARY RAISED RUMBLE STRIPS —————

GENERAL NOTES:

1. Special Conditions may be required in accordance with these notes and the following sheets:

A. Railroad Crossings:

- a. If an active railroad crossing is located closer to the Work Area than the queue length plus 300 feet, extend the Buffer Space as shown on Sheet 3.
- b. If the queuing of vehicles across an active railroad crossing cannot be avoided, provide a uniformed traffic control officer or flagger at the highway-rail grade crossing to prevent vehicles from stopping within the highway-rail grade crossing, even if automatic train warning devices are in place.

B. If the Work Area encroaches on the Centerline, use the Layout for Temporary Lane Shift to Shoulder on Sheet 3 only if the Existing Paved Shoulder width is sufficient to provide for an 11' lane between the Work Area and the Edge of Existing Paved Shoulder. Reduce the posted speed when appropriate.

2. Temporary Raised Rumble Strips:

- A. Use when both of the following conditions are met concurrently:**
 - a. Existing Posted Speed is 55 mph or greater;
 - b. Work duration is greater than 60 minutes.
- B. Use a consistent Strip color throughout the work zone.**
- C. Place each Rumble Strip Set transversely across the lane at locations shown.**
- D. Use Option 1 or Option 2 as shown on Sheet 2. Use only one option throughout work zone.**

3. Additional one-way control may be provided by the following means:

- A. Flag-carrying vehicle;
- B. Official vehicle;
- C. Pilot vehicles;
- D. Traffic signals.

When flaggers are the sole means of one-way control, the flaggers must be in sight of each other or in direct communication at all times.

4. When a side road intersects the highway within the TTC zone, place additional TTC devices in accordance with other applicable TCZ Indexes.

5. The two channelizing devices directly in front of the work area may be omitted provided vehicles in the work area have high-intensity rotating, flashing, oscillating, or strobe lights operating.

6. When Buffer Space cannot be attained due to geometric constraints, use the greatest attainable length, not less than 200 ft, for posted speeds greater than 25 mph.

7. ROAD WORK AHEAD and the BE PREPARED TO STOP signs may be omitted if all of the following conditions are met:

- A. Work operations are 60 minutes or less.
- B. Speed limit is 45 mph or less.
- C. There are no sight obstructions to vehicles approaching the work area for a distance equal to the Buffer Space shown in Table 1.
- D. Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.
- E. Volume and complexity of the roadway has been considered.
- F. If a railroad crossing is present, vehicles will not queue across rail tracks.
- G. AFADs are not in use.

8. See Index 102-600 for general TCZ requirements and additional information.

9. Automated Flagger Assistance Devices (AFADs) may be used in accordance with Specifications Section 102, 990 and the APL vendor drawings.

TABLE 1									
Posted Speed	DEVICE SPACING				Distance Between Signs				Buffer Space
	Maximum Spacing of Cones or Tubular Markers		Maximum Spacing of Type I or Type II Barricades/Panels/Drums		A	B	C	D	
	On a Taper	On a Tangent	On a Taper	On a Tangent					
25	20'	50'	20'	50'	200'	200'	200'	100'	155'
30	20'	50'	20'	50'	200'	200'	200'	100'	200'
35	20'	50'	20'	50'	200'	200'	200'	100'	250'
40	20'	50'	20'	50'	200'	200'	200'	100'	305'
45	20'	50'	20'	50'	350'	350'	350'	175'	360'
50	20'	50'	20'	100'	500'	500'	500'	250'	425'
55	20'	50'	20'	100'	2640'	1500'	1000'	500'	495'
60	20'	50'	20'	100'	2640'	1500'	1000'	500'	570'
65	20'	50'	20'	100'	2640'	1500'	1000'	500'	645'
70	20'	50'	20'	100'	2640'	1500'	1000'	500'	730'

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH THE AREA BETWEEN THE CENTERLINE AND A LINE 2' OUTSIDE THE EDGE OF TRAVEL WAY.

LAST REVISION
11/01/17

DESCRIPTION:



FY 2020-21
STANDARD PLANS

TWO-LANE, TWO-WAY,
WORK WITHIN THE TRAVEL WAY

INDEX
102-603

SHEET
1 of 3

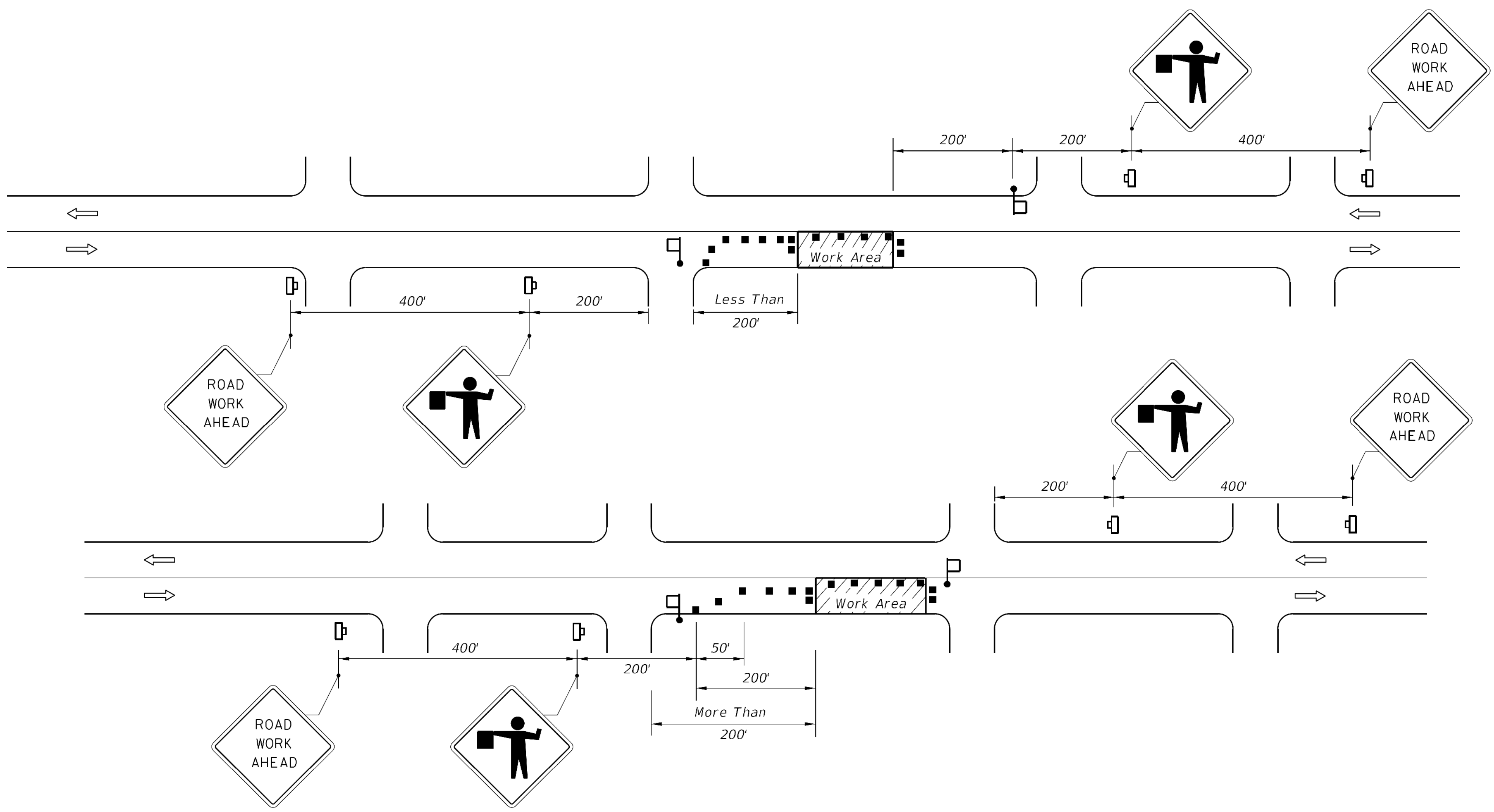
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CITY OF KEY WEST
FLORIDA
SOUTHARD STREET
MILLING AND RESURFACING

MAINTENANCE OF TRAFFIC

SHEET NO.
20



CONDITIONS
 WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH ON THE PAVEMENT REQUIRING THE CLOSURE OF ONE TRAFFIC LANE, FOR WORK AREAS LESS THAN 200' DOWNSTREAM FROM AN INTERSECTION FOR A PERIOD OF MORE THAN 60 MINUTES.

CONDITIONS
 WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH ON THE PAVEMENT REQUIRING THE CLOSURE OF ONE TRAFFIC LANE, FOR WORK AREAS 200' OR MORE DOWNSTREAM FROM AN INTERSECTION FOR A PERIOD OF MORE THAN 60 MINUTES.

- SYMBOLS**
- Work Area
 - Channelizing Device (See Index 102-600)
 - Work Zone Sign
 - Flagger
 - Lane Identification + Direction of Traffic

- GENERAL NOTES**
1. Work operations shall be confined to one travel lane, leaving the opposing travel lane open to traffic.
 2. When vehicles in a parking zone block the line of sight to TCZ signs or when TCZ signs encroach on a normal pedestrian walkway, the signs shall be post mounted and located in accordance with Index 700-101.
 3. If work area is confined to an outside auxiliary lane, the work area shall be barricaded and the FLAGGER signs replaced by ROAD WORK AHEAD signs. Flaggers are not required.
 4. Flaggers shall be in sight of each other or in direct communication at all times.
 5. The FLAGGER legend sign may be substituted for the symbol sign.
 6. The maximum spacing between devices shall be no greater than 25'.
 7. For general TCZ requirements and additional information, refer to Index 102-600.
 8. The two channelizing devices directly in front and directly at the end of the work area may be omitted provided vehicles in the work area have high-intensity rotating, flashing, oscillating, or strobe lights operating.
 9. Use Temporary Raised Rumble Strips in accordance with index 102-603. Placement of Rumble Strips and additional signs should begin at FLAGGER sign location.




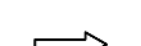


- DURATION NOTES**
1. ROAD WORK AHEAD sign may be omitted if all of the following conditions are met:
 - a. Work operations are 60 minutes or less.
 - b. Speed is 45 mph or less.
 - c. No sight obstructions to vehicles approaching the work area for a distance of 600 feet.
 - d. Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.
 - e. Volume and complexity of the roadway has been considered.

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LAST REVISION 11/01/17	REVISION	DESCRIPTION:		FY 2020-21 STANDARD PLANS	TWO-LANE, TWO-WAY, WORK NEAR INTERSECTION	INDEX 102-605	SHEET 1 of 1
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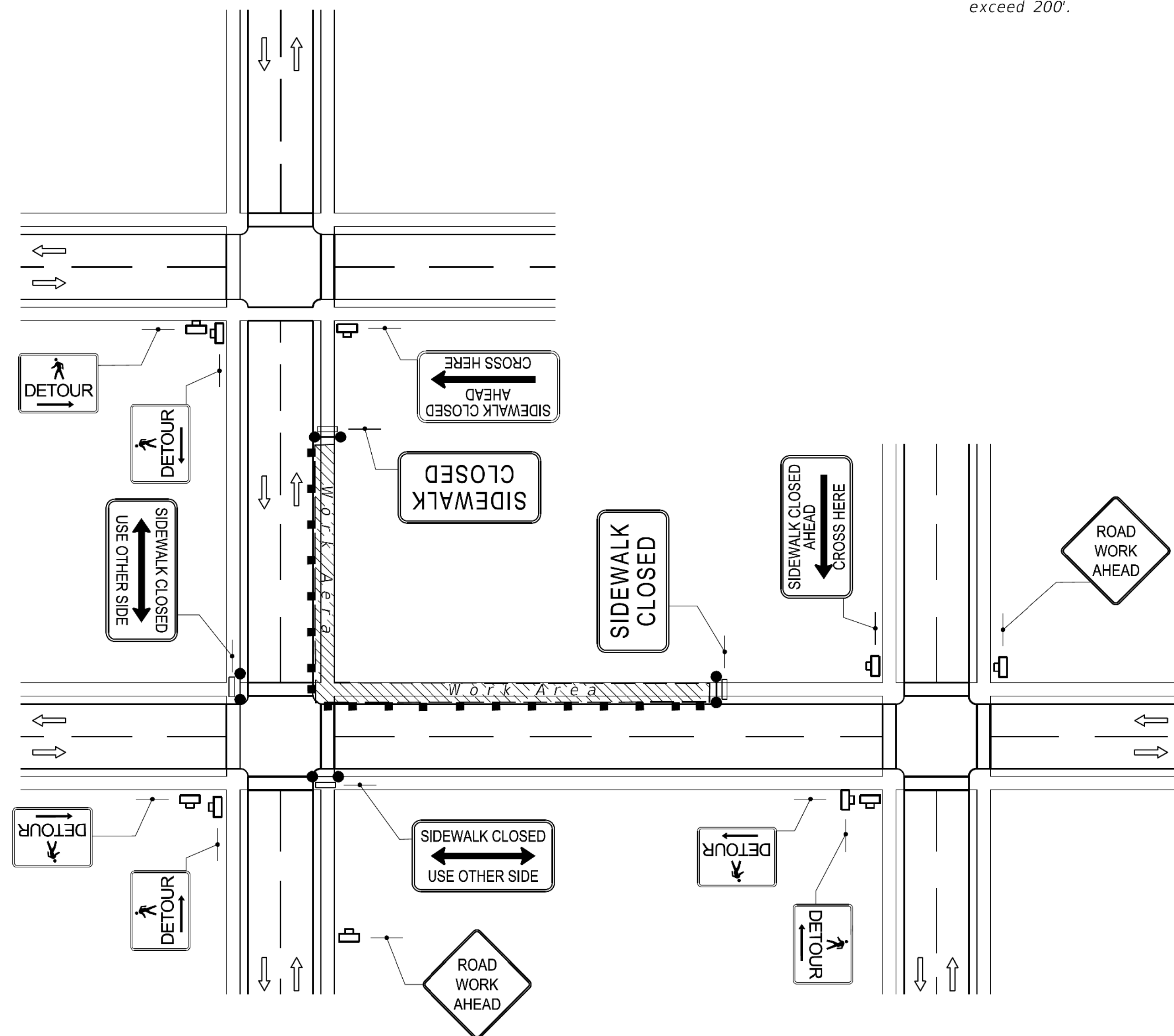
REVISIONS							CITY OF KEY WEST FLORIDA SOUTHARD STREET MILLING AND RESURFACING	MAINTENANCE OF TRAFFIC	SHEET NO. 21
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				
3/10/2021	Rebecca.Pastir		4:20:50 PM						

SYMBOLS

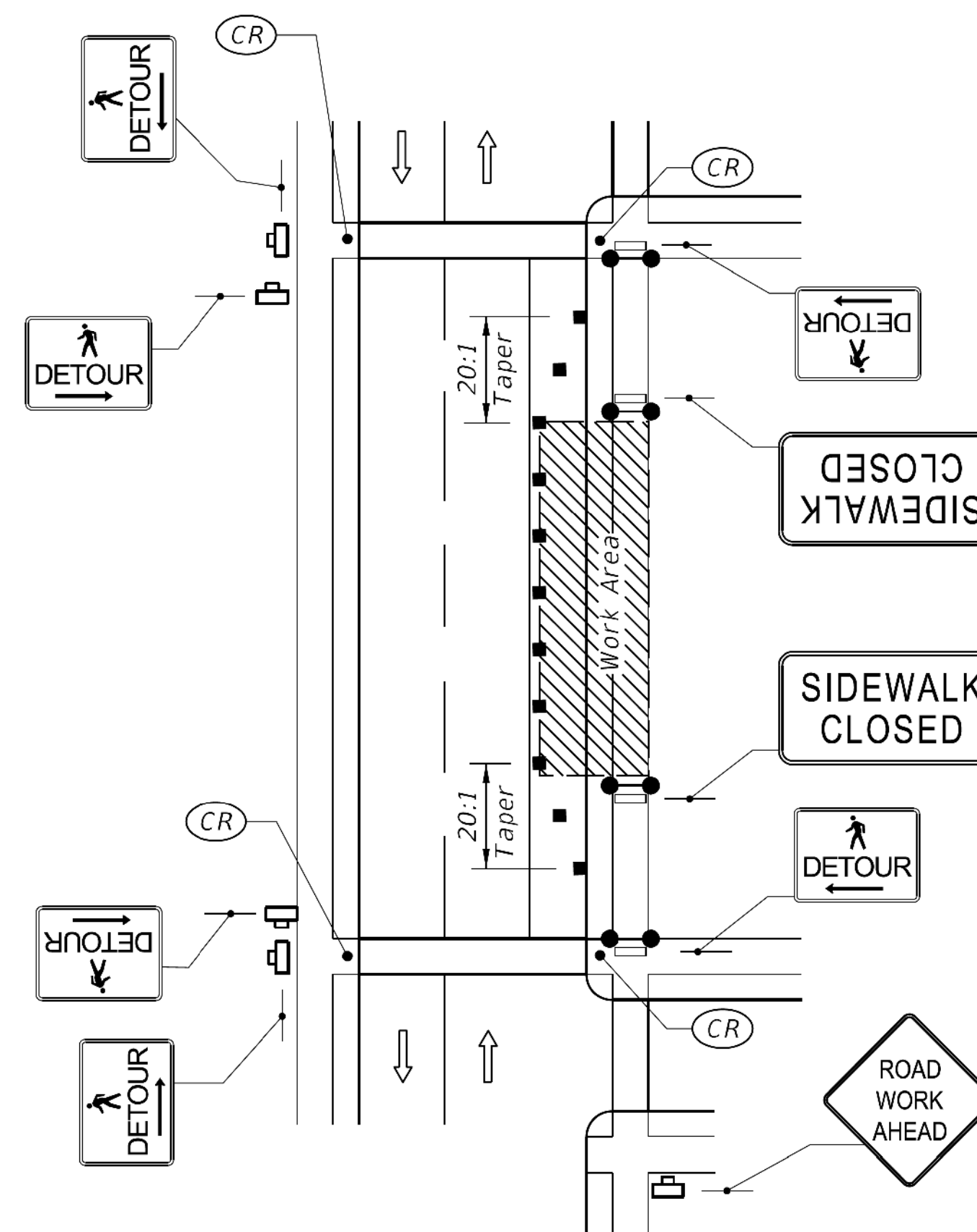
-  Work Area
-  Channelizing Device
-  Work Zone Sign
-  Required Locations For Either Temporary Or Permanent Curb Ramps.
-  Lane Identification + Direction of Traffic
-  Pedestrian Longitudinal Channelizing Device (LCD) with Mounted Work Zone Sign or separate Work Zone Sign
-  Pedestrian Longitudinal Channelizing Device (LCD)
-  Temporary Sidewalk

GENERAL NOTES:

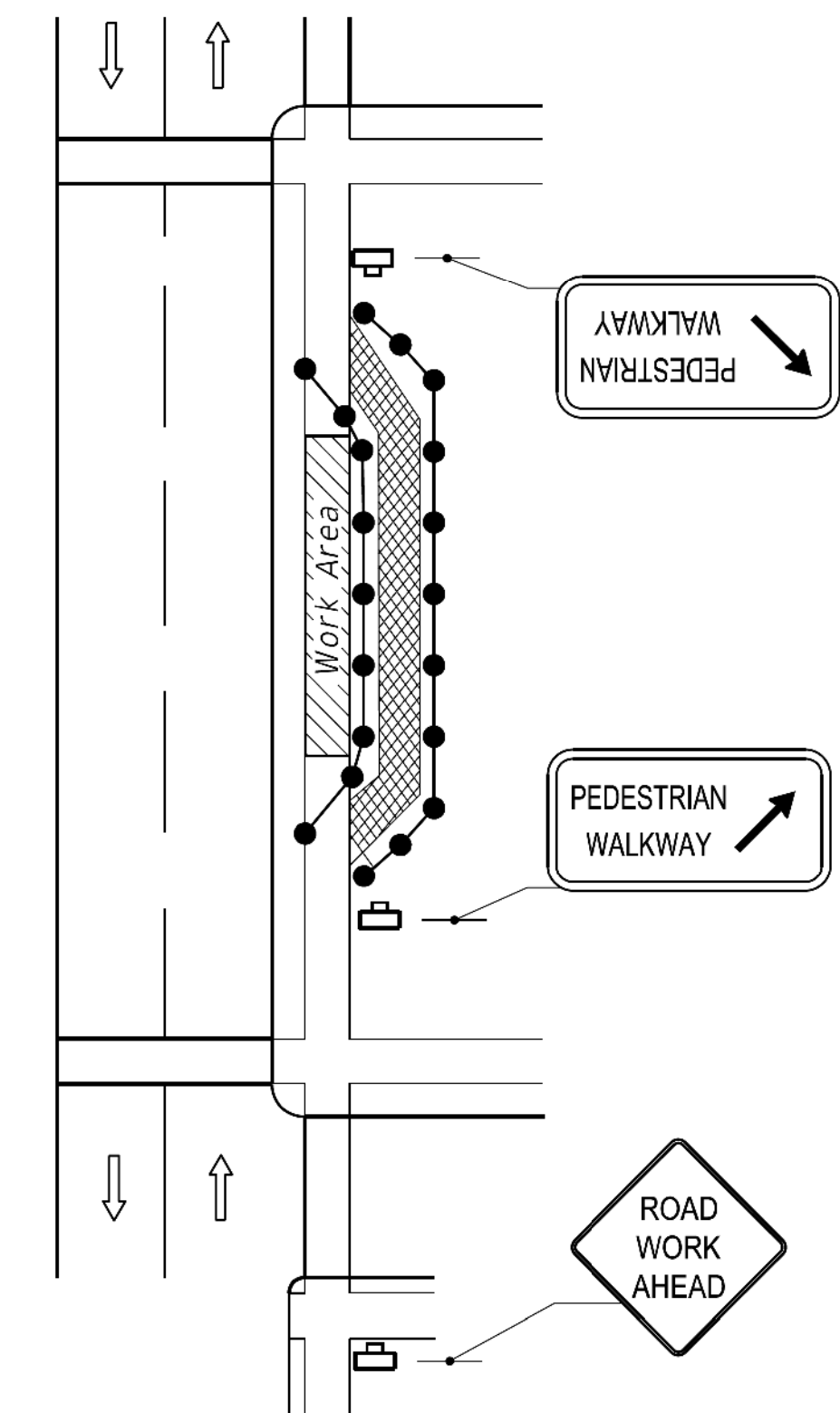
1. When encroaching work requires a sidewalk closure for 60 minutes or greater, provide an alternate pedestrian route.
2. For spacing of vehicular Channelizing Devices, see applicable vehicular temporary traffic control Indexes.
3. Cover or deactivate pedestrian traffic signal display(s) controlling closed crosswalks.
4. For post mounted signs located near or adjacent to a sidewalk, maintain a minimum 7' clearance from the bottom of the sign panel to the surface of the sidewalk.
5. Provide a 5' wide temporary walkway, except where space restrictions warrant a minimum width of 4'. Provide a 5' x 5' passing space for temporary walkways less than 5' in width at intervals not to exceed 200'.
6. Provide a cross-slope with a maximum value of 0.02 for all temporary walkways.
7. Maintain temporary walkway surfaces and ramps that are stable, firm, slip-resistant, and free of any obstructions or hazards such as holes, debris, mud, construction equipment, and stored material.
8. Remove temporary walkways immediately after reopening of the sidewalk, unless otherwise noted in the plans.
9. Meet the requirements of Index 522-002 for temporary curb ramps.
10. Place pedestrian longitudinal channelizing device(s) across the full width of the closed sidewalk. For temporary walkways, similar to the Sidewalk Diversion, place LCDs to delineate both sides of the temporary walkway.
11. For sidewalk diversions, ensure that there is sufficient R/W for placement of temporary sidewalk and pedestrian longitudinal channelizing devices.



CROSSWALK CLOSURE AND PEDESTRIAN DETOUR




SIDEWALK DETOUR



SIDEWALK DIVERSION

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LAST REVISION 11/01/17	DESCRIPTION:	 FY 2020-21 STANDARD PLANS	PEDESTRIAN CONTROL FOR CLOSURE OF SIDEWALKS	INDEX 102-660	SHEET 1 of 1
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REVISIONS						Kimley»Horn <small>BRIAN A. GOOD, P.E. P.E. LICENSE NUMBER 56939 445 24th STREET, SUITE 200 VERO BEACH, FL 32960 (772) 794-4100</small>	CITY OF KEY WEST FLORIDA SOUTHARD STREET MILLING AND RESURFACING	MAINTENANCE OF TRAFFIC	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				22