

## SR 66, SEBRING, FL 33875

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<u>Sec.</u>	<u>O2.200 General:</u> The Specifications and Drawings are an integrated part of the Contract Documents and as such will not stand alone if used independently as individual parts, paragraphs, or drawing sheets. The Drawings and Specifications establish minimum standards of quality for a project. They do not purport to cover all details entering into its design	a n F a	ne Contractor is opropriate tests, nanner.The Contr Project Engineer. eliver copies of
	and construction or of all material and equipment required to complete the	B. Ti	renches for Unde
Sec.	02.201. Maintenance of Traffic:	1. P 0	roctor: one per ne per each dift
А.	Control Devices: The Contractor shall be required to keep the entire work site in full compliance with the Florida Department of Transportation Roadway and Traffic Desian Standards, current edition and the USDOT, FHWA Manual	2. D ti ti	ensity: every 20 ne trench crosse esting will be the
<i>B</i> .	on Uniform Traffic Control Devices, current edition. Detours: Detours shall be require approval by the County Engineer. Any detours: approved as a part of the traffic sizewlation plan, shall be required	is ti	a lift. Testing pipe. Tests w
	to be properly posted and a minimum of 48-hours advance notice shall be aiven to the County Enaineer's Office. Law Enforcement agencies. Fire	7. D a. Ir	roject Engineer. ensity Requirement a areas of propo
-	Department, School Board and Emergency Services. Advance notice shall also be placed at the last intersection before the detour.	s d	ub-base, and bo ensity as per AA
•	Driveways Kept Open: No business will have vehicular access totally blocked at any time. Driveway access to property will not be blocked for more than 8 hours on any day Property owners will be notified in written form by the	b. Ir s a	n other areas no ubject to vehicu s per AASHTO T
	Contractor 24 hours prior to the blocking of any driveway, business, or property access. Blocking of driveways will require advance approval by the County Engineer	<u>Sec. 0.</u> n	2.208 Tolerances ninimum allowabl imension Elorido
<b>)</b> .	Maintenance of Traffic Violations: The County will report any known violation of the required maintenance of traffic to the Owner, Project Engineer, or	a ti	nd specifications nose specified w
	Contractor. The Contractor will have 4 hours of regularly scheduled work time to bring the site into full compliance. If this is not done, the County will have the option to take any corrective measures it feels necessary and to	s <u>Sec. 02</u>	hall be plus or i <u>2214. Culverts/S</u>
_	bill the Owner for the cost of these measures.	De CL	epartment of Tro Irrent edition, ar
	site, the Project Engineer shall receive approval of his traffic control plan from the County Engineer Access for local traffic shall be maintained	Tr Oµ Soo	ansportation Des perations on the
<u>ec.</u>	throughout the construction period of the project. <u>02.202. Driveway Ingress and Egress Maintenance:</u> The specification shall	<u>Sec. 02</u> FI Co	orida Departmen postruction, curre
	the road to be constructed or reconstructed, and driveway connections are to be disturbed.	Si Hi	andards for Des ghway System, o ufficient moisture
4.	Contractor will be required to place commercial base material in driveways and/or access points affected by the project, where considered necessary by the Project Engineer to provide acts atable and accessible rest.	sı ke pr	pt in a moist c oject is accepte
З.	residence, businesses, and property. The materials to be used for the driveway maintenance shall be lime rock,	, ar Social	ondition shall ext oplied, however,
	stone or oyster shell. The grade and quality of the material shall be that offered for commercial supply in the area. Commercial materials used in locations which have inadequate drainage or are prope to be wet shall be of	<u>560. 02</u> Wi Co	th the Florida Donstruction, curre
<u>,</u>	a stable character, unaffected by wet conditions. The material shall be placed in the driveway as directed by the Project	Si Hi Sec. 02	andards for Des ghway System, d 217. Temporary
2.	Engineer. The material shall be leveled, manipulated, compacted, to the extent appropriate we for the intended use of the particular driveway. As permanent driveway construction is accomplished at a particular location.	m Tr	aterials and inst ansportation Sta
	previously placed commercial materials which are suitable for reuse may be salvaged and reused on other driveways as directed.	ar De Hi	nd constructed ii esign Standards ahway System, d
9 <u>ec.</u> 4.	<u>U2.203. Clearing and Grubbing:</u> Clearing and Grubbing shall consist of the complete removal and disposal of	<u>Sec. 02</u>	. <u>220. Concrete:</u>
	all timber, brush, vegetation, stumps,roots, boulders, pavement, rubbish and debris and all other materials and obstructions resting on or protruding through the surface of the existing around and the surface of work groas	in De	accordance with sign, Constructi
_	Material resulting from clearing and grubbing shall be disposed of by the Contractor in a proper place.	си <u>Sec. 02</u> А Fiel	urrent edition. <u>221. Field Engin</u> d engineering ar
3.	As an exception to the above provisions, where so directed by the Project Engineer and approved by the County Engineer, desirable trees within the roadway shall be trimmed, protected and left standing, Branches of trees	righ st	nt-of-way lines ructures, and co
	extending over the area occupied by the roadway shall be trimmed as directed, to give a clear height of 16 feet above the roadway.	WC ex	ork.Also included recute Contracto rofessionals in th
	Within the right—of—way and within all swales and ditches, all stumps, roots, ect., protruding through or appearing on the surface of the completed excavation shall be removed or cut off below the finished excavation surface.	B. Exis	sting basic horiz signated on the
	Within all other areas where Clearing and Grubbing is to be done, roots and other debris, projecting through or appearing on the surface of the original	to cc Cc	starting site wo onstruction. In wo ontractor shall u
<i>)</i> .	ground, shall be removed to a depth of one foot below the bottom of the subgrade. Burning of such materials will only be allowed when proper burn permit can	th wo	at markers mus ork, Contractor s
	be obtained and all such burning shall be subject to applicable laws, ordinances and regulations and shall be done at locations where trees and shrubs adjacent to the cleared area will not be barmed. Burning may be	ur C. Cor or	uer the laws of tractor shall lay the Drawinas.
	required to cease immediately if complaints are received by the Project Engineer or the City Engineer.	es Pi	tablishing location oject Engineer.
<u>iec.</u>	<u>02.204. Earthwork:</u> All materials shall be in accordance with the Florida Department of Transportation Standard Specifications for Road and Bridge Construction, current edition, and all activities performed in accordance with	ι. Ri wi 2. Cι	dth or direction, th or fill to cent
	the State of Florida Department of Transportation Design Standards for Design, Construction, Maintenance and Utility Operations on the State	сг 3. Se	anges occur at et proposed cent ose elevations in
<u>бес.</u>	Highway System, current edition. <u>02.205. Rigid Ditch Checks:</u> All materials shall be in accordance with the Florida Department of Transportation Standard Specifications for Road and	di	screpancies to t All the abov
	Bridge Construction, current edition, and constructed in accordance with the State of Florida Department of transportation Design Standards for Design,	<u>Sec. 02</u>	in the State 223. Shop Draw, ubmitted to the
	Construction, Maintenance and Utility Operations on the State Highway System, current edition. Sec. 02.206 Riprap (Sand—Cement): All materials shall be in accordance	A. Info re	prmation on the levant informatic
	with the Florida Department of transportation Standard Specifications for Road and Bridge Construction, current edition, and constructed in	B. Asp C. Doc	halt mix design; sumentation on o uardrails concret
<u>Бес</u> .	accordance with the State of Florida Department of Transportation Design Standards for Design, Construction, Maintenance and Utility Operations on the State Highway System, current edition. <u>02.207. Inspections, Field Measurements and Laboratory</u> Tests:	D. Sar E. Trai m	nple of tag for ffic plan (a draw en is required).
А.	General: The Contractor shall notify the Project Engineer in advance of the time and date when any tests can be conducted, so that the Project Engineer may schedule the required testing with the independent testing	Contrac called	tor shall install for in the plans
	laboratory. The test samples shall be taken by either an employee of the independent testing laboratory or the Project Engineer or his representative. In no case shall the Contractor take the samples or transport the samples	Contrac	ctor shall provide
	to the laboratory. The Project Engineer shall inspect all construction and is authorized to call to the attention of the Contractor any failure of work or materials to conform with the plane and energifications. The faller	All una placem	erground utilities ent of base.
	inaterials to conform with the plans and specifications. The following laboratory tests or field measurements and frequency of such shall be made in accordance with the Project Engineer's direction by the independent testing	All dist the soc	urbed areas to I is established.
	laboratory, at the Project expense, and in keeping with good engineering practices.	All sod	areas on 1:1 s

or is required to conduct and/or stop his work so that the ests, samples and measurements can be made in a safe Contractor shall receive copies of the test reports from the neer. The independent testing laboratory shall mail or hand of all tests directly to the office of the County Engineer.

Underground Pipes or Structures: The following tests shall be made: per mile of trench unless the material changes; if material changes different soil material allowed for backfill.

y 200 feet outside areas of vehicular traffic and every 10 feet where rosses an area of vehicular travel, including driveways. Frequency of the same for each lift. Each compacted one foot depth of backfill fing of density will start when backfill is 12 inches over the top of ts will be done within the width of the trench as indicated by the

irements: The density requirements are that: proposed or existing pavement or vehicular traffic all backfill, nd base material shall be compacted to 98% of maximum er AASHTO T-180; and

as not under proposed or existing paving or in areas not ehicular traffic, the backfill shall be compacted to 90% density TO T-180.

nces: The required thickness and widths shall be the absolute wable. No allowance shall be made for failure in a width or depth orida Bearing Value and density requirements shown on the plans tions are the absolute minimum allowable and no values less than ed will be accepted. Grades on roadway centerline and ditch inverts or minus 0.05 of a foot from plan dimensions.

ts/Storm Sewers: All materials shall be in accordance with the Florida Transportation Standard Specifications for Road and Bridge Construction, , and constructed in accordance with the State of Florida Department of Design Standards for Design, Construction, Maintenance and Utility the State Highway System, current edition.

ng: All materials and installation procedures shall be in accordance with the ment of Transportation Standard Specifications for Road and Bridge current edition, and the State of Florida Department of Transportation Design

Design, Construction, Maintenance and Utility Operations on the State em, current edition. The areas on which the sod is to be placed shall contain sture for optimum results after being placed. The sod shall be watered and pist condition for no less than two weeks (minimum) or until the entire cepted by the Project Engineer and the County Engineer. The moistened

l extend at least to the full depth of the rooting zone. Water shall not be ver, when there is danger of a freezing condition. <u>d Slit Fences:</u> All materials and installation procedures shall be in accordance

da Department of Transportation Standard Specifications for Road and Bridge current edition, and the State of Florida Department of Transportation Design Design, Construction, Maintenance and Utility Operations on the State em, current edition.

prary Prevention, Control, and Abatement of Erosion and Water Pollution: All installations shall be in accordance with the Florida Department of Standard Specifications for Road and Bridge Construction, current edition, ted in accordance with the State of Florida Department of Transportation ards for Design, Construction, Maintenance and Utility Operations on the State em, current edition.

<u>ete:</u> All materials shall be in accordance with the Florida Department cifications for Road and Bridge Construction, current edition, and constructed with the State of Florida Department of Transportation Design Standards for ruction, Maintenance and Utility Operations on the State Highway System,

## <u>Engineering, Surveying and Right-of-Way Staking:</u>

ng and surveying services shall include survey work to establish ines and levels and to locate and lay out site improvements, nd controlling lines and levels required for the construction of the uded are such Engineering services as are specified or required to ractor's construction methods. Engineers and Surveyors shall be licensed in the State of Florida.

horizontal and vertical control points for the project are those the Drawings. Contractor shall locate and protect control points prior ite work and shall preserve all permanent reference points during In working near any permanent property corners or reference markers, all use care not to remove or disturb any such markers. In the event must be removed or are disturbed due to proximity of the construction tor shall have them referenced and reset by a Land Surveyor qualified ws of the State of Florida.

I lay out the work at the location and to the lines and grades shown ngs. Survey notes indicating the information and measurements used in cations and grades shall be kept in notebooks and copies furnished to eer. As a minimum the following items will be staked:

staked at each station or wherever the right-of-way changes tion, at any offset desired;

centerline grade and swale grade at each station or wherever at points of vertical intersection; and

centerline elevation of all intersecting roads one time and noted ns in field book; compare those elevations and bring any

to the attention of the Project Engineer. above mentioned survey work will be done by a Surveyor licensed to practice State of Florida.

<u>Drawing Submittals:</u> The following information and/or drawings shall be the Project Engineer prior to beginning work: the pipe and culverts, indicating the type, class, size, and other

mation;

on all other materials used including, but not limited to, filter fabric, ncrete, steel posts, curing compound, and joint material; for written notification of owners; and

drawing to scale of each phase showing all barricades, signs and flag

stall all slit fences and other temporary erosion control items lans prior to starting work on the site.

ovide SWPPP plan and NPDES notice of intent.

ilities within the roadway are to be installed prior to the

to be sodded with Argentina Bahia Sod and watered until

:1 slope to be staked to prevent sod slippage.



ELE VA TION NOTE: SILT FENCE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR STAKED SILT FENCE (LF).



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	HIGHLANDS COUNTY BOARD OF COUNTY COMMISIONERS JACKSON JOSEPHINE CREEK WASHOUT FL 66 SEBRING, FL 33875
	THIS ITEM HAS BEEN ELECTRONICALLY SIGNED BY CARL E. COOL, PE ON 6/28/2019 USING A DIGITAL SIGNATURE
	SEAL Carl Cool, P.E. Friday, June 28, 2019
	ENGINEERS Florida License Numbers: Carl E. Cool, P.E16921 James "Mason" Cobb, P.E 78600 carl@coolandcobb.com mason@coolandcobb.com
	ENGINEERING FIRM Cool and Cobb Engineering Company Cert. of Authorization #29713 203 West Main Street Avon Park, FL 33825 (863) 657-2323 Office (863) 657-2324 Fax
	REVISIONS:
	06/26/2019 CB PROJECT #19-140-1126
FINAL	SHEET 4 of 5





CONCEPTUAL