

PROJECT LOCATION MAP

(NOT TO SCALE)

SEBRING PARKWAY PHASE II ELEVATION CONVERSION:

ELEVATION = SEBRING PARKWAY PHASE II ELEVATIONS SHOWN ON PERMITTED PLANS AS SUBMITTED FOR SWFWMD ERP

ELEVATION – 0.98' NAVD 1988 =

SOURCE: NOAA ORTHOMETRIC HEIGHT CONVERSION (VERTCON)

GOVERNING STANDARDS AND SPECIFICATIONS:

GOVERNING STANDARDS AND SPECIFICATIONS: FLORIDA DEPARTMENT OF TRANSPORTATION, FY JULY 2019/2020 STANDARD PLANS AND REVISED INDEX DRAWINGS AS APPENDED HEREIN, AND 2019 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION LATEST EDITION; AS AMENDED BY CONTRACT DOCUMENTS.

For Standard Plans click on the "Standard Plans" link at the following website: http://www.fdot.gov/design/StandardPlans/2019/default.shtm#Bridges For the Standard Specifications for Road and Bridge Construction click on the "Specifications" link at the following website: http://www.fdot.gov/design/standardplans/current/default.shtm

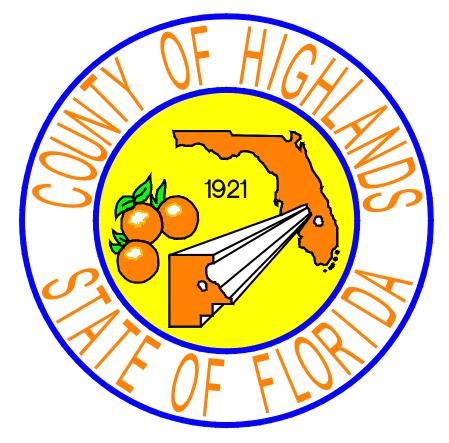
PLANS PREPARED BY HIGHLANDS COUNTY ENGINEERING DEPARTMENT

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ALTERED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

	REVISIONS				
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
12/12/18	BWD	REVISED TABULATION OF QUANTITIES			
1/29/19	BWD	REVISED TABULATION OF QUANTITIES			
4/1/19	DMN	REVISED QUANTITIES			
10/29/19	DMN	REVISED QUANTITIES			
G:\PROJECTS\Sebring Parkway Phase II\DWG_Sebring Parkway Phase II A and B\Cover Notes & Details Pkwy PH 2a.dwg, Cover, Nietubicz, Douglas Colors As Black Except Gray Colors.ctb					

HIGHLANDS COUNTY BOARD OF COUNTY COMMISSIONERS CONSTRUCTION PLANS FOR SEBRING PARKWAY PHASE II-A (YOUTH CARE LANE TO DESOTO ROAD)

FDOT FINANCIAL PROJECT ID 429841-1-54-01 HIGHLANDS COUNTY PROJECT NO. 17062



JAMES D. LANGFORD, JR., P.E. ASSISTANT COUNTY ENGINEER

ENGINEER OF RECORD JAMES D. LANGFORD, JR., P.E.

SEBRING PARKWAY IIA RIGHT-OF-WAY WIDTH = 85'-206' WIDTH APPROXIMATE PROJECT LENGTH = 3,122 LF (0.59 MILE)

DESOTO ROAD (ROADWAY) RIGHT-OF-WAY WIDTH = 58'-100' WIDTH APPROXIMATE PROJECT LENGTH = 1,360 LF (0.26 MILE)

DESOTO ROAD SIDEWALK IMPROVEMENTS RIGHT-OF-WAY LENGTH = 1,354 LF (0.26 MILE)

> **UTILITY COMPANIES** Paul Brown

Kenneth R. Lutz CenturyLink Engineering 924 Memorial Dr. Avon Park, Fl. 33825 (W) (863) 452-3185 (C) (863) 214-1490 (F) (863) 452-3472 ken.lutz@centurylink.com

Mark R. Manner Sr. Engineer (Distribution) Duke Energy 2051 Old Scenic Highway Lake Wales, FL 33898 (863) 678-4476 Mark.Manner@duke-energy.com

FOR BIDDING

IN CHARGE:

DATE:

12/5/2019

CHECKED BY:

J.D. LANGFORD, JR., P.E.

J.D. LANGFORD, JR., P.E

3010 Herring Av Sebring, FL 33870 (C) (863) 273-8556 Paul_Brown@cable.comcast.com Jerry Melendy Sebring Gas System, Inc.

Comcast Cable

3515 US 27 N Sebring, FL 33870 (863) 385-0194 (F) (863) 385-3123 jmelendy@floridasbestgas.com

City of Sebring **Bob Boggus** 321 N Mango St Sebring, FL 33870 (863) 471-5112 bobboggus@mysebring.com mables@mysebring.com waste water GarvinElkhill@mysebring.com water

Highlands County (Fiber Optic cable) Clinton "Gator" Howerton 505 S Commerce Av Sebring, FL 33870 (863) 402-6877 chowerton@hcbcc.org

505 S. COMMERCE AVENUE

SEBRING, FLORIDA 33870

APPROVED BY: JAMES D. LANGFORD, JR., P.E.

FLORIDA REGISTRATION NO.: 78402

Highlands County Traffic Edward Cardona 505 S Commerce Av Sebring, FL 33870 (863) 402-6536 Ecardona@hcbcc.org

	BASE BID			
ASKNO.	ITEM DESCRIPTION	QUANTITY	UNIT	
1	MOBILIZATION	1	LS	
2	CONSTRUCTION SURVEY STAKING INCLUDING AS-BUILT	1	LS	
3	TESTING	1	LS	
4	MAINTENANCE OF TRAFFIC	1	LS	
5	SEDIMENT BARRIER TEMPORARY	1,160	LF	
6	REMOVAL OF EXISTING CONCRETE PAVEMENT DRIVEWAY 72			
7	OPTIONAL BASE, BASE GROUP 4, 6" COMPACTED THICKNESS (DRIVEWAYS & 6" THK SIDEWALKS) 173			
8	CONCRETE SIDEWALK, 4" THICK, 2,500 PSI MINIMUM 501 SY			
9	CONCRETE SIDEWALK, 6" THICK, 3,500 PSI MINIMUM48SYCONCRETE DRIVEWAYS, 6" THICK, 6" x 6" W1.4\W1.4 WELDED WIRE MESH, 3,500 PSI MINIMUM125SY			
10	CONCRETE DRIVEWAYS, 6" THICK, 6" x 6" W1.4\W1.4 WELDED WIRE MESH, 3,500 PSI MINIMUM 125			
11	DETECTABLE WARNING SURFACE26SFPERFORMANCE TURF (SOD)1,028SY			
12	PERFORMANCE TURF (SOD)			
13	EXCAVATION (SWALE GRADING)	117	CY	
14				
15	SINGLE POST SIGN, REMOVE & DISCARD	3	AS	



DATE:

sunshir	ne state
ONEO	CALL R
o f f l o	rida
DIAL 811	
Local No.	1-800-432-4770

Notification # <u>068600373</u> Call 48 hours before you dig.

STATE LAW REQUIRES **EXCAVATORS TO CALL 811 BEFORE DIGGING PER THE** "UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT" CHAPTER 556, FLORIDA STATUTES. FAILURE TO CALL CAN **RESULT IN FINES FROM \$250** TO \$5,000.

TABULATION OF QUANTITIES

PROJECT LOCATION

SEBRING PARKWAY PHASE II-A IMPROVEMENTS HIGHLANDS COUNTY PROJECT NO. 17062

ASK NO.	ITEM DESCRIPTION	QUANTITY	UNI
1	MOBILIZATION	1	LS
$\frac{2}{3}$	BONDS & INSURANCE CONSTRUCTION SURVEY STAKING INCLUDING AS-BUILT	1	LS LS
4	TESTING (DENSITY, ROADWAY THICKNESS AND CONCRETE)	1	
5	MAINTENANCE OF TRAFFIC	1	LS
6	BUSINESS SIGN	3	EA
7	PORTABLE CHANGEABLE MESSAGE SIGNS, TEMPORARY (TWO)	365	ED
<u>8</u> 9	SEDIMENT BARRIER TEMPORARY CLEARING AND GRUBBING INCLUDING TREE REMOVAL, UTILITIES, STRUCTURES, PIPES, ETC.	8,400	LF LS
10	REMOVAL OF EXISTING CONCRETE PAVEMENT (DRIVEWAY & SIDEWALK)	472	SY
11	REMOVAL OF EXISTING ASPHALT PAVEMENT (DRIVEWAY & ROADWAY) VIA MILLING	14,764	SY
12	REGULAR EXCAVATION	21,200	CY
13	EMBANKMENT (IN-PLACE) TYPE B STABILIZATION, LBR 40 (12" COMPACTED THICKNESS (ROADWAY) (COMMERCIAL DRIVEWAY)	4,500	CY
14	(SIDE STREETS)	24,991	SY
15	OPTIONAL BASE, BASE GROUP 9, 10" COMPACTED THICKNESS (ROADWAY, SIDE STREETS, & COMMERCIAL DRIVEWAYS)	24,820	SY
16	OPTIONAL BASE, BASE GROUP 4, 6" COMPACTED THICKNESS (RESIDENTIAL DRIVEWAYS AND 6" THK SIDEWALK)	491	SY
17	MILLING EXISTING ASPH PAVT, 1 1/2" AVG DEPTH (N. END OF PROJECT & W. DESOTO RD.)	2,826	SY
18	SUPERPAVE ASPHALTIC CONCRETE, 3" THICK, RAP 30% MAXIMUM, PLACED IN TWO EQUAL LAYERS, 11/2" THICK EACH (ROADWAY)	4,053	TN
19	SUPERPAVE ASPHALTIC CONCRETE, 1 ¹ / ₂ " THICK, RAP 30% MAXIMUM, ROADWAY (SIDE STREETS)	98	TN
20	SUPERIAVE ASPHALTIC CONCRETE, 1 ¹ / ₂ " THICK, RAP 30% MAXIMUM, COMMERCIAL DRIVEWAY	141	TN
21	CONCRETE SIDEWALKS, 4" THICK, INCLUDE RAMP CONSTRUCTION, 2,500 PSI MIN.	2,789	SY
22 23	CONCRETE SIDEWALKS & DRIVEWAYS, 6" THICK INCLUDE RAMP CONSTRUCTION, 3,500 PSI MIN.	491	SY LF
23	CONCRETE CURB, TYPE E CONCRETE CURB, TYPE F	2,295 8,325	LF LF
25	CONCRETE CURB, DROP CURB	1,172	LF
26	CONCRETE TRAFFIC SEPARATOR (SPECIAL) (TYPE 1) (3' WIDE)	205	SY
27 28	INDEX NO. 870 - ALUMINUM PIPE GUIDERAIL	26	LF LF
<u>28</u> 29	15" (HDPE) HIGH-DENSITY POL YETHYLENE PIPE 18" (HDPE) HIGH-DENSITY POL YETHYLENE PIPE	406	LF LF
30	18 (RCP) REINFORCED CONCRETE PIPE	1,047	LF
31	24" (RCP) REINFORCED CONCRETE PIPE	1,099	LF
32	24" (HDPE) HIGH-DENSITY POLYETHYLENE PIPE	386	LF
<u>33</u> 34	18" x 12" (RCP) REINFORCED CONCRETE PIPE 2" SCHEDULE 40 PVC IRRIGATION SLEEVE	<u>640</u> 362	LF LF
<u>34</u> 35	2" SCHEDULE 40 PVC IRRIGATION SLEEVE 2" SCHEDULE 40 PVC CONDUIT PIPE	5,506	LF LF
36	INDEX NO. 211 - CURB INLET TYPE 5 (LEFT) WITH RECTANGULAR STRUCTURE BOTTOM	13	EA
37	INDEX NO. 211 - CURB INLET TYPE 5 (RIGHT) WITH RECTANGULAR STRUCTURE BOTTOM	10	EA
38	PRECAST CURB INLET TYPE 6 (EDGE)	5	EA
39	INDEX NO. 214 - CURB INLET TYPE 9 WITH RECTANGULAR STRUCTURE BOTTOM	8	EA
40 41	INDEX NO. 232 - DITCH BOTTOM INLET - TYPE C	5	EA
41 42	JUNCTION BOX MODIFIED TYPE C INLET UNDER WALK	2	EA EA
43	MODIFIED TYPE C "BOX"	20	EA
44	MITERED END SECTION 15" HDPE	1	EA
45	MITERED END SECTION 18" x 12" (RCP) REINFORCED CONCRETE PIPE	14	EA
46 47	PERFORMANCE TURF (SOD)	22,763	SY AS
47	SINGLE POST SIGN, F & I, GM <12 SF SINGLE POST SIGN, F & I, GM >12 SF	36	AS AS
40	SINGLE POST SIGN, REMOVE & RELOCATE	4	AS AS
50	SINGLE POST SIGN, REMOVE & DISCARD	17	AS
51	DELINEATOR, YELLOW (HIGH VISIBILITY)	8	EA
52	RETRO-REFLECTIVE PAVEMENT MARKERS, YELLOW/RED	150	EA
53 54	RETRO-REFLECTIVE PAVEMENT MARKERS, CLEAR/RED TEMPORARY PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 6"	240	EA GM
<u>54</u> 55	TEMPORARY PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 6 ⁻ TEMPORARY PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 12"	0.33	GM GM
56	TEMPORARY PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 12 TEMPORARY PAINTED PAVEMENT MARKINGS, STD, WHITE, SOLID, 24"	1,076	LF
57	TEMPORARY PAINTED PAVEMENT MARKINGS, STD, WHITE, SKIP, 6"(10'/30')	1.02	GM
58	TEMPORARY PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 6"	1.72	GM
59 60	TEMPORARY PAINTED PAVEMENT MARKINGS, STD, YELLOW, SOLID, 18" TEMPORARY PAINTED PAVEMENT MARKINGS, STD, YELLOW, DOTTED, 6" (6'/10')	250	LF
60 61	TEMPORARY PAINTED PAVEMENT MARKINGS, STD, YELLOW, DOTTED, 6" (6'/10') TEMPORARY PAINTED PAVEMENT MARKINGS, STD, WHITE, TURN ARROW	0.09	GM EA
62	TEMPORARY PAINTED PAVEMENT MARKINGS, STD, WHITE, TORN AROW TEMPORARY PAINTED PAVEMENT MARKINGS, STD, WHITE, "RAILROAD CROSSING" SYMBOL	5	EA
63	THERMOPLASTIC, STANDARD, WHITE, SOLID, 6"	1.97	GM
64	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	0.33	GM
65	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	1,076	LF
66 67	THERMOPLASTIC, STANDARD, WHITE, SKIP, 6" (10'/30') THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	1.02	GM GM
68	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 8 THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18"	250	LF
69	THERMOPLASTIC, STANDARD, YELLOW, DOTTED, 6" (6'/10')	0.09	GM
70	THERMOPLASTIC, STANDARD, WHITE, TURN ARROW	29	EA
71	THERMOPLASTIC, STANDARD, WHITE, "RAILROAD CROSSING" SYMBOL	5	EA
72 73	THERMOPLASTIC, STANDARD, YELLOW, BULLNOSE DETECTABLE WARNINGS (COLOR YELLOW, EMBEDDED TYPE)	47 307	SF SF
73	SCFE RAILROAD SIGNALS INCL. TRAFFIC & PEDESTRIAN (BY OTHERS)		LS
75	TRAFFIC SIGNAL FOUNDATIONS & MISC (DESIGN & CONSTRUCTION)	1	LS
	SCA	11 F •	
	HOF		

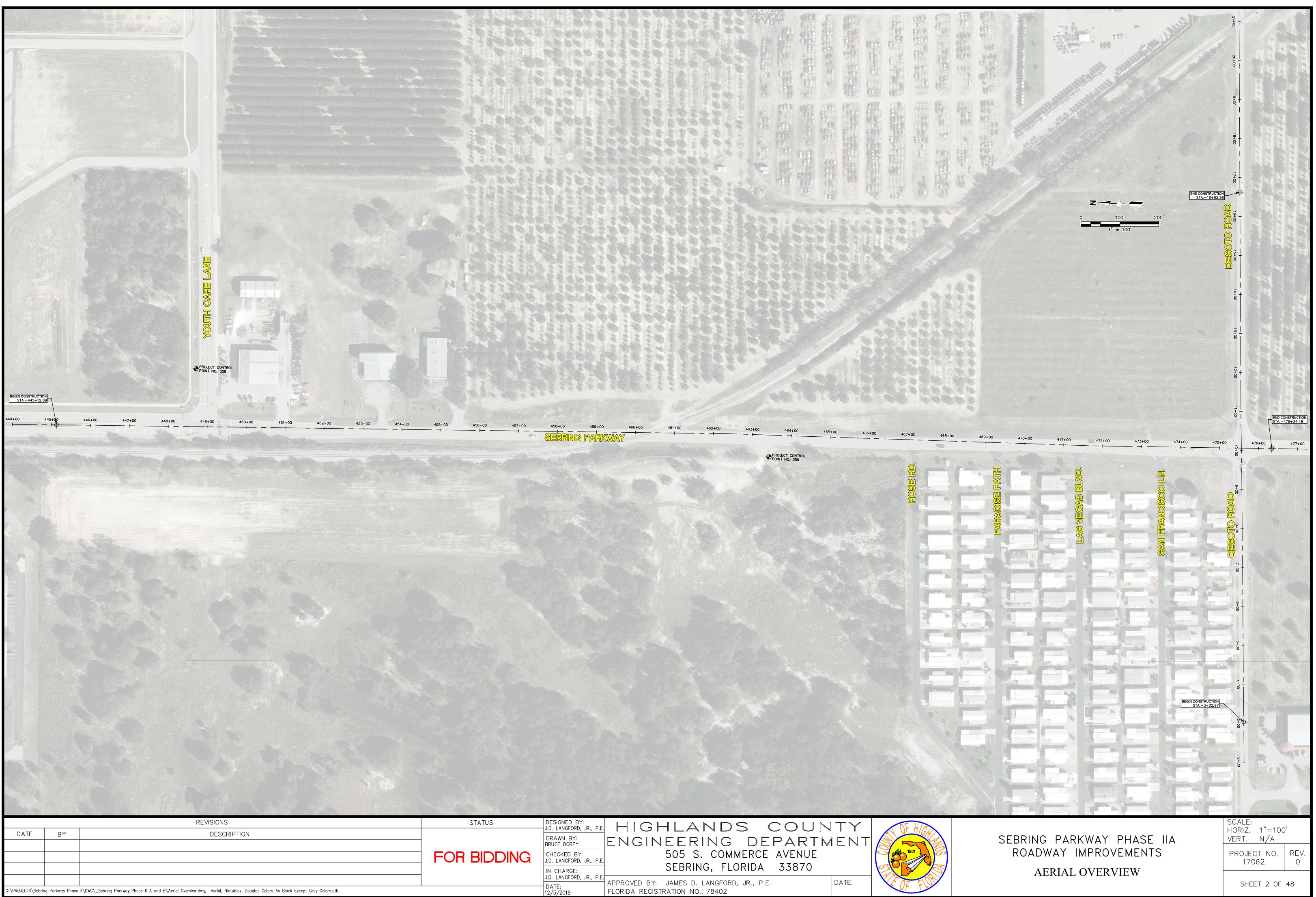


COVER SHEET & QUANTITIES

ROADWAY IMPROVEMENTS

SHEET 1 OF 48

REV.



		ES AND SPECIFICATIONS	<u>ASPHALT</u>
construct	ractor shall b ion documents.	responsible for furnishing all material and labor to construct the facility as shown and described in the	Asphalt N LOCATI
3. The Contr special co	ractor shall ha onditions and c	responsible for obtaining all required construction bonds prior to construction. ve available at the job site at all times one copy of the construction documents including plans, specifications, and copies of any required construction permits.	Plant Roadway/
commenc Manager.	ing work. No	the drawings shall be immediately brought to the attention of the Highlands County Project Manager before field changes or deviations from design are to be made without prior approval of the Highlands County Project	1. The a
prior to c 6. Contracto	commencement r shall coordin	a construction schedule MOT Plan, Lines of Authority, Subcontractors List to the Highlands County Project Manager of construction. ate proposed driveway construction with affected property owners.	preven with s excess the as
EROSION CONT 1. The Contr	<u>ROL</u> ractor shall gro	and/or replace all disturbed irrigation. Contractor shall coordinate this activity with affected property owners. ade the site to the elevations indicated and shall regrade washouts where they occur after every rainfall event until or adequate stabilization occurs.	dissolv it can down.
2. Contracto cleaning d	r shall denote area, employee	on plan the temporary parking and storage area which shall also be used as the equipment maintenance and parking area, and area for locating toilet facilities. Contractor shall be responsible for all coordination and expenses area stated in the said area.	likely o <u>ASPHALT N</u>
3. All wash 4. The Contr	water (concret ractor shall be	e trucks, vehicle cleaning, equipment cleaning, etc.) shall be detained and properly treated and disposed. responsible for the control of dust and dirt rising and scattering in the air during construction and shall provide r suitable methods of control. The Contractor shall comply with all governing regulations pertaining to environmental	1. CONT made
protection 5. The use o 6. Sod must	n. of motor oils c : be installed c	ind other petroleum based or toxic liquids for dust suppression operations is prohibited. and maintained on exposed slopes within 48 hours of completing final grading, and at any other time as necessary,	speci 2. OWNE OWNE
7. Stabilizati ceased.	on practices s	mentation or turbid discharges. should be initiated as soon as practical, but in no case more than 7 days where construction has temporarily	3. The f
9. On—site a managem	& off—site soi ent practices.	pped, washed or tracked from vehicles onto roadways or into storm drains must be removed as soon as possible. I stockpile and borrow areas shall be protected from erosion and sedimentation through implementation of best a roughened condition during the grading phase to reduce runoff velocities and erosion.	provie oblige
11. Due to g measures	grade changes (silt fence, et	during the development of the project, the Contractor shall be responsible for adjusting the erosion control c.) to prevent erosion. be stabilized at the end of each working day, this includes back filling of trenches for utility construction and	4. All re requi warra
placemen	t of gravel or actor shall ins	bituminous paving for road construction. tall sediment barrier as shown on plans within the perimeter of the project site.	5. If the MAN
referenced Surveyor corner me	d prior to con at the Contrac onument is in	and ¼ Section corners, and other land markers or monuments located within proposed construction are to be struction and reset after construction. The Contractor shall have this work done by a registered Professional Land struct's expense (Florida Registration). Any public land corner within the limits of construction is to be protected. If a danger of being destroyed and has not been properly referenced, the Contractor should notify the County Surveyor, one (863-402-6877).	6. Duri Pav app
2. Benchmar 3. Any NGVI Geodetic (301) 443	k data is Loco D—29 monume Information Ce 3—8319.	al Datum. See Cover Sheet for NAVD 88 conversion. nt within the limits of construction is to be protected. If in danger of damage, the Contractor should notify: enter, Attn: Mark Maintenance Section N/CG—162, 6001 Executive Boulevard, Rockville, Maryland 20852. Telephone	
5. The Contr 6. The Contr a Profess required b	actor shall rer actor shall be ional Land Sur	inished grades, unless otherwise indicated. nove survey stakes and erosion control items prior to the completion of the contract. responsible for submitting to the Highlands County Project Manager a certified record survey signed and sealed by veyor registered in the state of Florida depicting the actual field location of all constructed improvements that are ional agencies for the certification process. All survey costs will be the Contractor's responsibility.	
construct any exca Contracto	ion area befor vation involvin r MUST call be	responsibility to contact the various utility companies which may have buried or aerial utilities within or near the e commencing work. The Contractor shall provide 48 hours minimum notice to all utility companies in advance of g their utilities so that a company representative can be present. A list of the utility companies which the efore commencing work is provided in these construction plans. This list serves as a guide only and is not intended	
to limit t 2. Existing u not been	he utility comp Itilities shown independently	vanies which the contractor may wish to notify. are located according to the information available to the Engineer at the time of the topographic survey and have verified by the Owner or the Engineer. Guarantee is not made that all existing underground utilities are shown or ose shown are entirely accurate. Finding the actual location of any existing utilities is the Contractor's responsibility	
and shall damages	be done befor due to the Co	re he/she commences any work in the vicinity. Furthermore, the Contractor shall be fully responsible for any and all ntractor's failure to exactly locate and preserve any and all underground utilities. The Owner or Engineer will assume ages sustained or cost incurred because of the operations in the vicinity of existing utilities or structures, nor for	
temporary affected	/ bracing and shall be conta	shoring of same. If it is necessary to shore, brace, swing or relocate a utility, the utility company or department oted and their permission obtained regarding the method to use for such work. In addition, the Contractor shall be "other" utilities (Not shown in the plans) exist within the area of construction. Should there be utility conflicts, The	
Contracto 3. The Contr 4. The Contr	r shall inform actor is to us actor is respo	the Engineer and notify the respective utility owners to resolve utility conflicts and utility adjustments as required. e caution when working in or around areas of overhead transmission lines or underground utilities. nsible for the protection of all utilities to remain in place.	Stabilizati
6. Prior to o pipelines.	commencement	l 811 for field locations no less than 48 hours in advance of digging near underground utilities. of any excavation, the contractor shall comply with Florida Statute 553.851 for the protection of underground gas of construction or disturbed by construction to be adjusted to finished grade. Replace valve collars and boxes as	
necessary <u>CLEARING AND</u>		and grub all areas unless otherwise indicated, removing trees, stumps, roots, muck, existing pavement, existing	
concrete, <u>PAVING, GRADI</u> 1. Where new	existing pipes <u>NG AND DRAIN</u> w pavements n	& structures, and all other deleterious material. <u>AGE</u> neets the existing pavement, the Contractor shall saw cut the existing pavement a minimum 2" deep for a smooth	Optional E
2. All cut or 3. Existing c	fill slopes sho Irainage structi	natch the existing pavement elevation with the proposed pavement unless otherwise indicated. all be 4 (horizontal): 1 (vertical) or flatter unless otherwise shown. ures within construction limits shall remain unless noted otherwise. e for repairing any existing concrete or asphalt areas that are disturbed during construction.	
5. All milling	is and removed torage area fo	d asphalt pavement shall be returned to Road and Bridge Department. Contractor shall be responsible for securing a r equipment and other materials.	Asphalt C
1. Stop bars 2. Temporary	s shall be 24" y pavement mo		
Edition. 4. Temporary 5. Retro—ref	y pavement mo lective materia	arkings and thermoplastic pavement markings shall be installed via truck mounted spray truck. I shall be 3M brand Diamond Grade material.	
7. Traffic sig 8. Sign post	underground :	ounted on 3" diameter post with "Z" bar brackets. support shall be 6" aluminum "Z" bar brackets (no concrete).	Optional E
Blvd., Seb 10. Contracto	oring, FL. 3387	nate with Highlands County Traffic Operations to obtain a detailed template for all proposed street signs, prior to	
<u>SOD</u> 1. All distur	bed areas wit	hin the project limits shall be sodded with "like kind" sod. The areas on which sod is to be placed shall be to and after placement is complete. No addition of top soil material is required prior to placement unless otherwise	
2. All sod m and grass 3. All areas	ses including tr within the pro	be subject to inspection by the Highlands County Project Manager prior to placement. Any sod with noxious weeds opical soda apple, shall be rejected for use on the spot. ject site shall be sodded unless otherwise directed in these construction plans.	
5. Contracto <u>TESTING</u>	r shall provide	ee a year on the sod placed. irrigation to newly installed sod per FDOT Spec. 570 & 983 Latest Edition.	
of the te 2. The Highl	st results shall ands County P	n, at his own expense, any and all tests required by the specifications and/or any agency having jurisdiction. A copy be provided to the Highlands County Project Manager. roject Manager shall inspect all construction and is authorized to call to the attention of the Contractor any failure conform with the plans and specifications.	
3. All copies the testin	s of compactic Ig agency.	conform with the plans and specifications. n, concrete and other required test results are to be sent to the Highlands County Project Manager directly from n Pavement Smoothness Testing: The Contractor shall furnish a 15 foot manual and a 15 foot rolling straightedge	
and cons the 15-Fe	truct a smooth oot Rolling and	n pavement meeting the requirements of the Florida Method of Test for Measurement of Pavement Smoothness with I Manual Straightedges (Designation: FM 5—509, May 16, 2002, Revised: March 17, 2008).	
either beh inch by r width of Contracto	hind the final le emoving and re the paving lan r shall test al	ne Contractor shall test the final (top) layer of all pavement where the width is constant using a rolling straightedge roller of the paving train or as a separate operation. The Contractor shall correct all deficiencies in excess of 3/16 eplacing the full depth of the layer, extending a minimum of 50 feet on both sides of the defective area for the full e, at no additional cost, unless waived by the County Engineer. The Contractor shall retest all corrected areas. The I pavement lanes and document all deficiencies on a form approved by the Highlands County Project Manager. The	
before be	ginning testing	the Highlands County Project Manager of the location and time of all straightedge testing a minimum of 48 hours : Straightedge testing will not be required in the following areas: shoulders, intersections, tapers, crossovers,	
sidewalks, turn lane irregularit excess of	bicycle/share s, acceleration y in the abov 3/8 inch in (d use paths, parking lots and similar areas, or in the following areas when they are less than 250 feet in length: n/deceleration lanes and side streets. In the event the Highlands County Project Manager identifies a surface e areas that is determined to be objectionable, the Contractor shall straightedge and address all deficiencies in accordance by removing and replacing the full depth of the layer, extending a minimum of 50 feet on both sides of	
the defec	tive area for t	he full width of the paving lane, at no additional cost.	
		REVISIONS	
DATE 10/29/19	BY DMN	DESCRIPTION REMOVE ALTERNATE (DEDUCTIVE) ASPHALT NOTE	

G: \PROJECTS \Sebring Parkway Phase II \DWG _Sebring Parkway Phase II A and B \Cover Notes & Details Pkwy PH 2a.dwg, Notes Legend Testing, Nietubicz, Douglas Colors As Black Except Gray Colors.ctb

Mix Temperature Master Range Tolerance	
ION	ACCEPTABLE TEMPERATURE TOLERANCE
	Mixing Temperature: 305° F +/- 30° F

Roadway/Site Compaction Temperature: 305° F +/- 30° F

The asphalt mix shall be transported by CONTRACTOR in truck bodies previously cleaned of all foreign material and of tight construction that prevents the loss of material and the excessive loss of heat. After cleaning, CONTRACTOR shall thinly coat the inside surface of the truck bodies with soapy water or an asphalt release agent as needed to prevent the asphalt mixture from adhering to the beds. CONTRACTOR shall not allow excess liquid to pond in the truck body. CONTRACTOR shall not use a release agent that will contaminate, degrade or alter the characteristics of the asphalt mix or is hazardous or detrimental to the environment. Petroleum derivatives (such as diesel fuel), solvents, and any product that dissolves asphalt are prohibited. CONTRACTOR shall provide each truck with a tarpaulin or other waterproof cover mounted in such a manner that it can cover the entire load when required. When in place, CONTRACTOR shall overlap the waterproof cover on all sides so that it can be tied down. CONTRACTOR shall cover each load with a tarpaulin or waterproof cover during cool and cloudy weather and at any time it appears rain is likely during transit.

ASPHALT WARRANTY

CONTRACTOR shall be responsible for performance of the asphalt pavement for a period of two (2) years after the date the final payment is made including continued responsibility for performing all remedial work associated with pavement distresses exceeding threshold values as specified in the table below.

OWNER shall monitor the pavement for distresses and may require remedial action at any time within the two years period as specified above. OWNER shall conduct a Pavement Condition Survey (survey) of the asphalt following the final acceptance of the Work and at intermediate times throughout the warranty period with findings provided when considered by OWNER to be the obligation of CONTRACTOR.

3. The final survey, if determined by the PROJECT MANAGER to be necessary, shall be conducted before the end of the warranty period with results provided to CONTRACTOR for those conditions exceeding contract threshold values requiring remedial action that OWNER believes to be an obligation of CONTRACTOR. OWNER shall be responsible for all costs associated with the surveys.

All remedial action shall be completed by CONTRACTOR within (30) thirty calendar days after OWNER notifies CONTRACTOR of the condition requiring remedial work, provided that OWNER notified CONTRACTOR of the condition and need for remedial action prior to the end of the warranty period.

. If the survey findings, intermediate or final, are to be disputed by CONTRACTOR, written notification shall be provided to the PROJECT MANAGER within 30 calendar days of the date of receipt of the information from OWNER. 6. During the warranty period, CONTRACTOR may monitor the project using nondestructive methods and may participate with OWNER in the Pavement Condition Surveys upon request. CONTRACTOR shall not conduct any coring, milling or other destructive methods without prior approval by the PROJECT MANAGER.

Pavement Roadway and Site				
TYPE OF DISTRESS	MEASUREMENT	THRESHOLD VALUES	REMEDIAL WORK	
Rutting	Depth of rutting to be determined by a 6 foot manual straightedge.	Depth > 0.4 inch	Remove and replace 1.5 inch the full lane width for the area plus 50 feet	
Ũ		1	on each end.	
Settlement / Depression	Depth of settlement / depression to be determined by a 6 foot manual	Depth > 1/2 inch	Propose the method of correction to the PROJECT MANAGER for	
Settement / Depression	straightedge.	Depui <u>-</u> 1/2 men	approval prior to beginning remedial work.	
Cracking	Beginning and ending of 1/8 inch cracking will be determined as the	Cumulative length of cracking > 30	Remove and replace the distressed length to the full depth of all layer, and	
Clacking	average of three measurements taken at one foot intervals.	feet for Cracks $> 1/8$ inch	to the full lane width.	
Raveling / Surface Deterioration	Vieual Inspection	Observation by PROJECT	Remove and replace the distressed area(s) to the full distressed depth and	
	v Isuai Inspection	MANAGER	the full lane width for the full distressed length plus 50' on each end.	

	SEBRING PARKWAY, PHASE IIA IMPROVEMEN CONTRACTOR REQUIRED QUALITY CONTROL			
Ro	adway Construction: TYPE B STABILIZATION (LBR 40) TESTING RI			
TEST NAME	QUALITY CONTROL	ACCEPTANCE		
DENSITY	ONE (1) PER LIFT, FOURTEEN (14) TOTAL	Minimum density of 98% of the Modified Proctor maximum density as determined by FM 1-T 180, Method D		
THICKNESS	ONE (1) PER LIFT, FOURTEEN (14) TOTAL	No undertolerance of mixing depth is allowed. Do not exceed individual plan depth thickness by more than 2".		
LBR	ONE (1) PER MATERIAL TYPE	Undertolerence = 5.0		
ation Constrution Method: F	or mixing exist. Sub-base and base material provide heavy-duty rotary ti	ller or other equipmet approved by the Engineer as equally effective for this work.		
	Roadway Construction: OPTIONAL BASE GROUP 9 TESTING REQ	UIREMENTS (10" COMPACTED THICKNESS)		
TEST NAME	QUALITY CONTROL	ACCEPTANCE		
DENSITY	ONE (1) PER LIFT, FOURTEEN (14) TOTAL	Minimum density of 98% of the Modified Proctor maximum density as determined by FM 1-T 180, Method D		
THICKNESS	ONE (1) PER LIFT, FOURTEEN (14) TOTAL	Compacted lift thickness = 10", tolerance = 0.5"		
LBR	ONE (1) PER MATERIAL TYPE	No Undertolerence allowed.		
al Base Group 6 Constructio	n Method: Construct the base in one (1) lift with a compacted lift thickne	ess of eight (8) inches.		
	Roadway Construction: ASPHALT TESTING REQUIREMEN	TS (3.0" COMPACTED THICKNESS)		
TEST NAME	QUALITY CONTROL	ACCEPTANCE		
THICKNESS	ONE (1) PER LIFT, FOURTEEN (14) TOTAL	Compacted lift thickness = 1.5", Tolerance = 0.3"		
Construction Method: Aspl	nalt shall be placed in two (2) lifts with a compacted lift thickness of 1.5"			
	Commercial Driveways: OPTIONAL BASE GROUP 9 TESTING REQ	UIREMENTS (10" COMPACTED THICKNESS)		
TEST NAME	QUALITY CONTROL	ACCEPTANCE		
DENSITY	ONE (1) PER LIFT PER DRIVEWAY, SIXTEEN (16) TOTAL	Minimum density of 95% of the Modified Proctor maximum density as determined by FM 1-T 180, Method D		
THICKNESS	ONE (1) PER LIFT PER DRIVEWAY, SIXTEEN (16) TOTAL	Compacted lift thickness = 5", tolerance = 0.5"		
al Base Group 1 Constructio	n Method: Construct the base in two (2) equal lifts with a compacted lift	thickness of ten (10) inches.		
	Residential Driveways: OPTIONAL BASE GROUP 4 TESTING REG	UIREMENTS (6" COMPACTED THICKNESS)		
TEST NAME	QUALITY CONTROL	ACCEPTANCE		
DENSITY	ONE (1) PER LIFT PER DRIVEWAY, ELEVEN (11) TOTAL	Minimum density of 95% of the Modified Proctor maximum density as determined by FM 1-T 180, Method D		
THICKNESS	ONE (1) PER LIFT PER DRIVEWAY, ELEVEN (11) TOTAL	Compacted lift thickness = 6", tolerance = 0.5"		

STATUS	DESIGNED BY: J.D. LANGFORD, JR., P.E.	HIGHLANDS COUN	$1 \mathbf{\perp} \mathbf{\wedge} \mathbf{\parallel}$	
		ENGINEERING DEPARTN		
FOR BIDDING	CHECKED BY: J.D. LANGFORD, JR., P.E.	505 S. COMMERCE AVENUE		
	IN CHARGE: J.D. LANGFORD, JR., P.	SEBRING, FLORIDA 33870		
		APPROVED BY: JAMES D. LANGFORD, JR., P.E.	DATE:	
	DATE: 12/5/2019	FLORIDA REGISTRATION NO.: 78402		

		LINE LEGEND	
	OHW	————————————————————	OVERHEAD WIRES
————————————————————	- — — — — -BE- — — — — —	—————BE—————	BURIED ELECTRIC
CAS	CAS	CAS	CONDUIT & CASEMENTS
————————————————————			BURIED FIBER OPTIC
— — — — — — BT — — — — — —	- — — — — -BT- — — — —	BT	BURIED TELEPHONE
— — — — — — FM — — — — — —	- — — — — -FM- — — — —	FM	FORCE MAIN
GG	G	G	GAS LINE
w	- — — — — — — — — — — — — — — — — — — —		WATER LINE
— — — — – – CTV— — — — –	CTV	CTV	CABLE TELEVISION
XX	X	—X ————X ————	WIRE FENCE
-00)OO	CHAIN LINK FENCE
-00]0	WOOD FENCE
			EXISTING TOP OF BANK
· ·	· · <u> </u>		EXISTING TOE OF SLOPE
· ·	· · <u> </u>	· · ·	EXISTING EDGE OF SHELL ROCK
			EXISTING RIGHT OF WAY LINE
			PROPOSED RIGHT OF WAY LINE
			EXISTING GRADE AT R/W RT (PROFILE VIE
	·		EXISTING GRADE AT R/W LT (PROFILE VIE
			EXISTING GRADE AT CONST BL (PROFILE
	150	1·50	EXISTING CONTOURS WITH ELEVATIONS
	149	149	PROPOSED CONTOURS WITH ELEVATION
			EXISTING GUARDRAIL
			EXISTING EASEMENT
· · ·	· · ·	· · <u> </u>	GOVERNMENT FRACTIONAL LINES
		· · · · · · · · · · · · · · · · · · ·	LOT LINES
			PROPOSED SOD SHOULDER LINE
			PROPOSED BACK OF DITCH
			PROFILE GRADE LINE (PROFILE VIEW)
			PROPOSED CURVE RETURN
			PROPOSED CENTERLINE OR BASELINE

	OVERHEAD WIRES
	BURIED ELECTRIC
	CONDUIT & CASEMENTS
	BURIED FIBER OPTIC
	BURIED TELEPHONE
	FORCE MAIN
	GAS LINE
	WATER LINE
	CABLE TELEVISION
	WIRE FENCE
)	CHAIN LINK FENCE
]	WOOD FENCE
	EXISTING TOP OF BANK
·	EXISTING TOE OF SLOPE
·	EXISTING EDGE OF SHELL ROCK
	EXISTING RIGHT OF WAY LINE
	PROPOSED RIGHT OF WAY LINE
	EXISTING GRADE AT R/W RT (PROFILE VIEW)
	EXISTING GRADE AT R/W LT (PROFILE VIEW)
	EXISTING GRADE AT CONST BL (PROFILE VIEW)
	EXISTING CONTOURS WITH ELEVATIONS
	PROPOSED CONTOURS WITH ELEVATIONS
	EXISTING GUARDRAIL
	EXISTING EASEMENT
	GOVERNMENT FRACTIONAL LINES
	LOT LINES
	PROPOSED SOD SHOULDER LINE
	PROPOSED BACK OF DITCH
	PROFILE GRADE LINE (PROFILE VIEW)
	PROPOSED CURVE RETURN
	PROPOSED CENTERLINE OR BASELINE

SY	MBOL LEGEND	
•	BENCHMARK	A
·	CONCRETE MONUMENT	E
0	IRON ROD OR IRON PIPE	
۲	NAIL AND DISK	В
\otimes	CLEANOUT	С
EM	ELECTRIC METER	co
PE	FLAG ELECTRIC	cc
Fo	FLAG FIBER OPTIC	E
₽°	FLAG GAS	E
₽ss	FLAG SEWER	E
P	FLAG TELEPHONE	E>
₽*	FLAG WATER	н
¥	FIRE HYDRANT	
₹	GAS VALVE	
EB	ELECTRIC BOX	N
B	TELEPHONE BOX	P
M	TELEVISION BOX	
TS	TRAFFIC SIGNAL BOX	F
<i>[</i> ×₩]	PEDESTRIAN CROSSWALK	PF
¢	LIGHT POLE	
Ø	MANHOLE DRAINAGE	F
Ø	MANHOLE OTHER	F
S	MANHOLE SEWER	F
Ū	MANHOLE TELEPHONE	F
	MONITORING WELL	
р	UTILITY POLE	F
O	WATER METER	
X	WATER VALVE	s
8	WELL	г
+0.0	EXISTING GRADE SHOT	
+0.00	PROPOSED ELEVATIONS	
0	BOLLARD	
	MAIL BOX	
	SIGN	
Ð	MITERED END SECTION	
←	GUY ANCHOR	

	ABBREVIATIONS	TR	EE LEGEND
A.D.	ALGEBRAIC DIFFERENCE		CEDAR TREE
BFS	BEGIN FULL SUPER		CITRUS TREE
BL	BASELINE	*	CYPRESS TREE
BNC	BEGIN NORMAL CROWN	部	MAGNOLIA TREE
CMP	CORRUGATED METAL PIPE		MAPLE TREE
CONC.	CONCRETE	the second	OAK TREE
CONST.	CONSTRUCTION	*	PALM TREE
EFS	END FULL SUPER	*	PINE TREE
ELEV	ELEVATION		TREE
ENC	END NORMAL CROWN		TREE A
EXIST.	EXISTING	*	TREE B
HDPE	HIGH DENSITY POLYETHYLENE PIPE	*	TREE C
LC	LONG CHORD	*	TREE D
LT	LEFT		l .
MES	MITERED END SECTION		
PAVT	PAVEMENT		
PC	POINT OF CURVATURE		
PGL	PROFILE GRADE LINE		
PROP.	PROPOSED		
PT	POINT OF TANGENCY		
PVC	POINT OF VERTICAL CURVE		
PVI	POINT OF VERTICAL INTERSECTION		
PVT	POINT OF VERTICAL TANGENCY		
R/W	RIGHT OF WAY		
RC	REVERSE CROWN		
RCP	REINFORCED CONCRETE PIPE		
RT	RIGHT		
STA	STATION		
TYP	TYPICAL		

DRAINAGE LEGEND EXISTING PIPES & STRUCTURES

_=====□ PROPOSED PIPES & STRUCTURE

PROJECT CONTROL POINTS							
Point Number	Easting	Northing	Point Elevation	Full Description			
358	31579.4480'	-3499.3370'	112.98'	BM			
359	31398.6470'	-4976.6110'	129.52'	BM			
360	31426.7550'	-7430.5910'	120.40'	BM			
361	31609.7020'	-8603.9900'	103.88'	BM			



SEBRING PARKWAY PHASE IIA ROADWAY IMPROVEMENTS

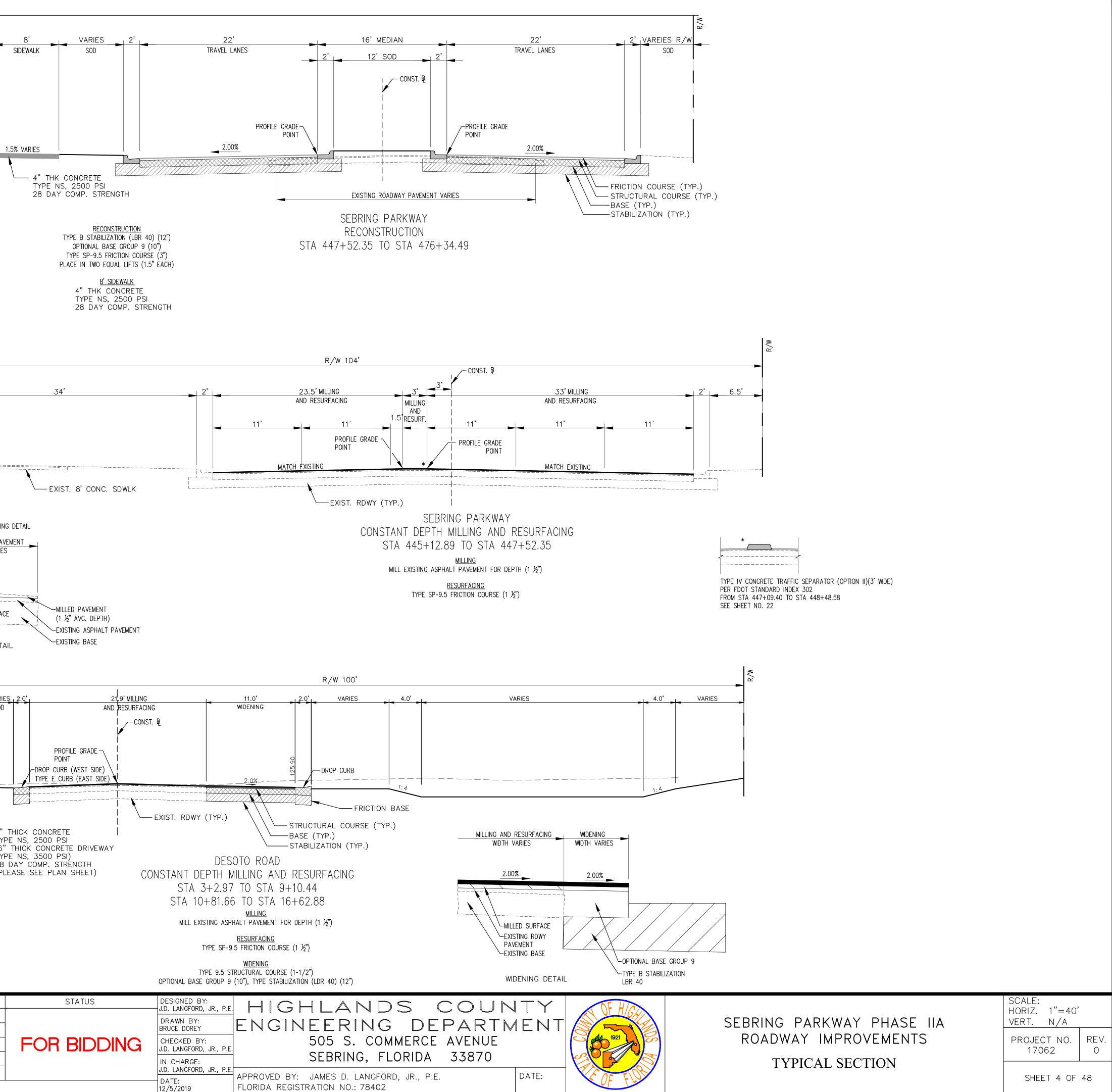
GENERAL NOTES & LEGEND

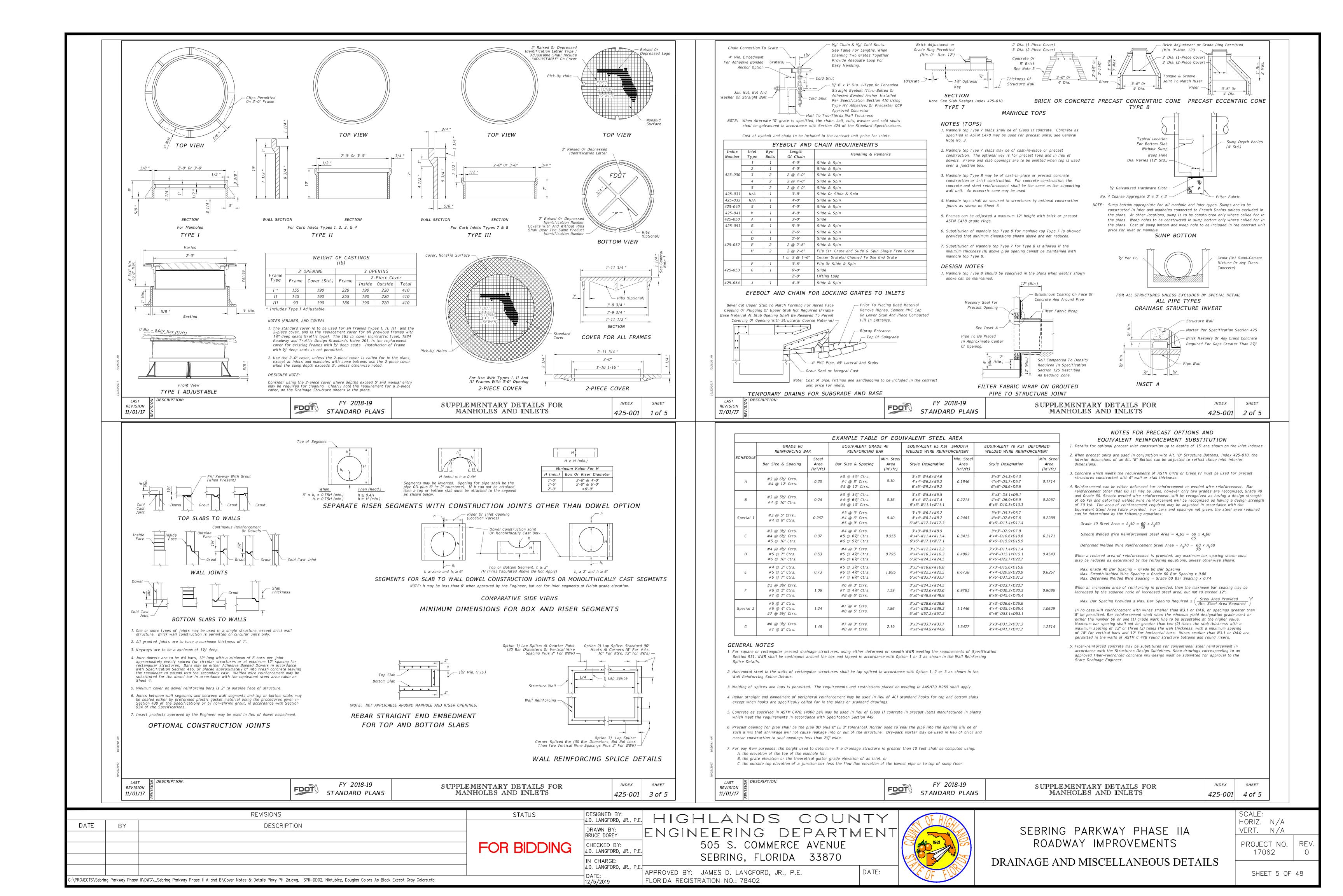
VERT. N/A	
PROJECT NO.	RE
17062	0

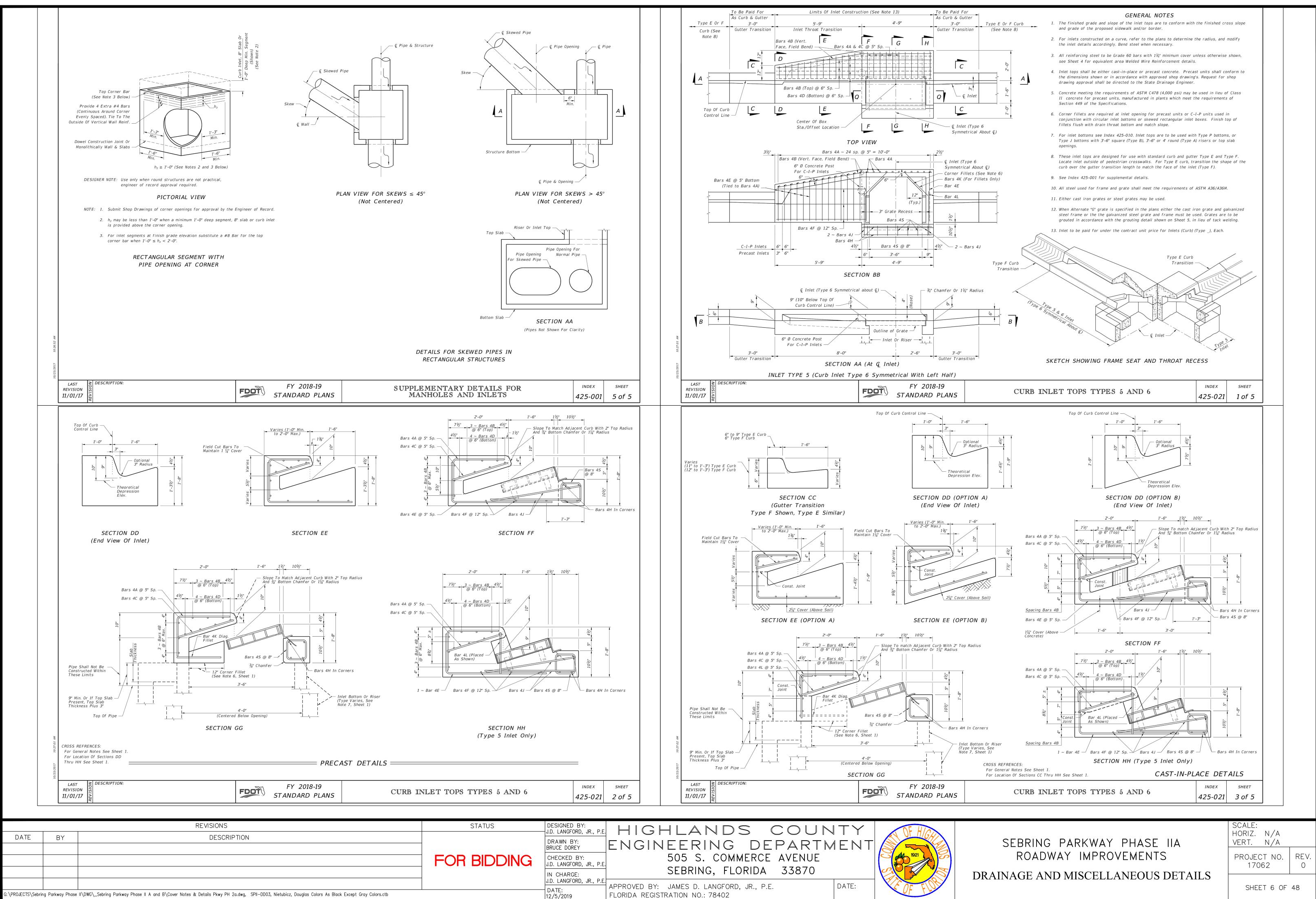
SHEET 3 OF 48

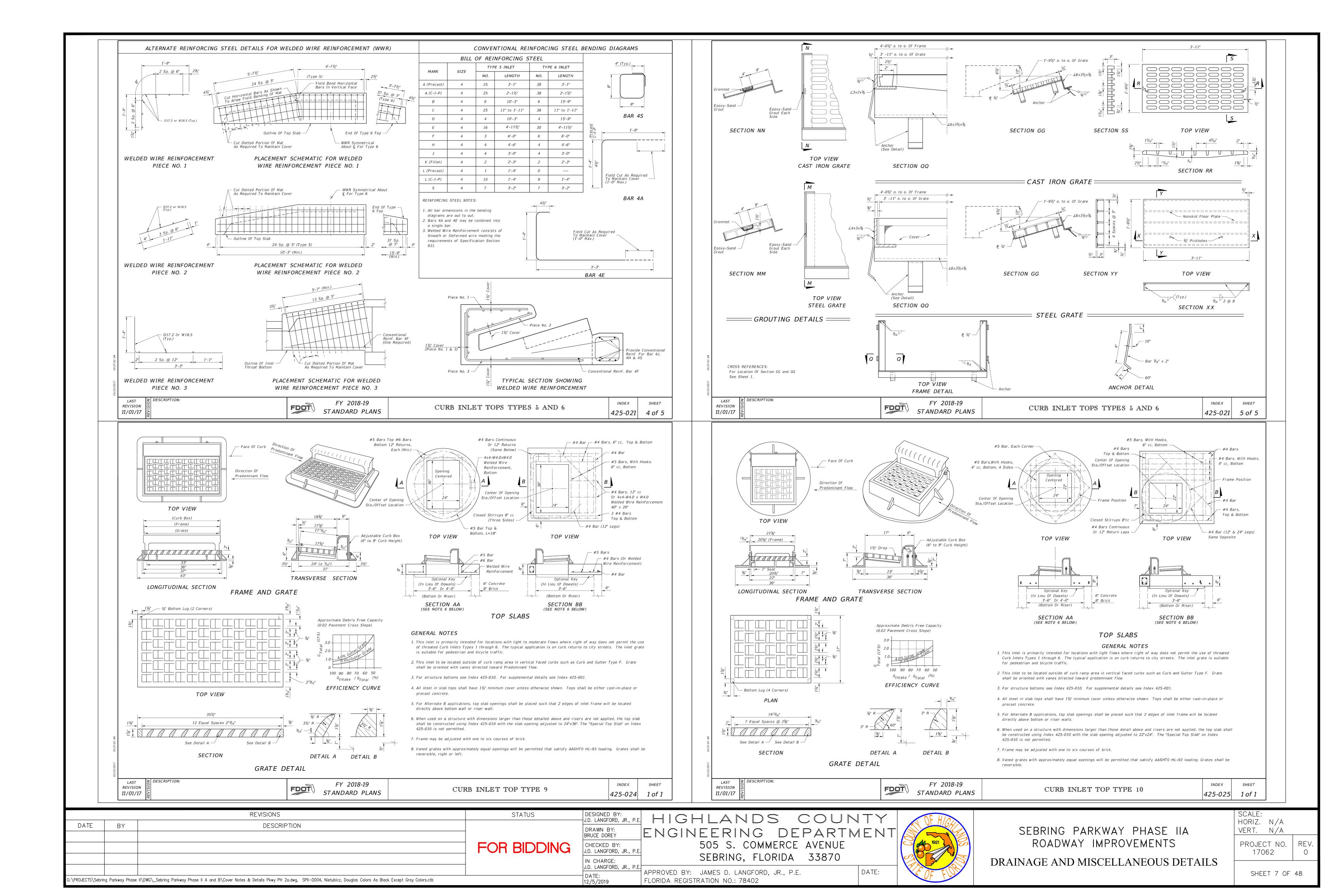
A O' LE'LE WARES SUEWALK BESTO SUEWALK BESTO 4.0' LE'LE WARES SUEWALK SO SUEWALK SO 4.0' LE'LE WARES SUEWALK SO 1.5' VARI SUEWALK SO 1.5' VARI 1.5' VARI			
* WUNG AND RESIFERANCE * WUNG			VARIES
A O' LE'LE'LE'LE'LE'LE'LE'LE'LE'LE'LE'LE'LE'L			
4.0' 151 5 VARES SIDEWALK SOL SIDEWALK SOL 1.5% VARES SIDEWALK SOL 1.5% VARES 1.5% V			CONTROL POINT
	R/W	1.5% 3.7/3.1 6"	1.3' 5.0' VARIES SIDEWALK SOD
ALT #1: DESOTO ROAD EAST SIDEWALK IMPROVEMENT REVISIONS DATE BY DESCRIPTION 1/29/19 BWD REVISED CURB AND SIDEWALK NOTES 10/30/19 DMN REVISED CONCRETE NOTES	DATE BY 1/29/19 BWD	SOTO ROAD EAST SIDEWALK IMPROVEMENT REVISIONS DESCRIPTION REVISED CURB AND SIDEWALK NOTES	

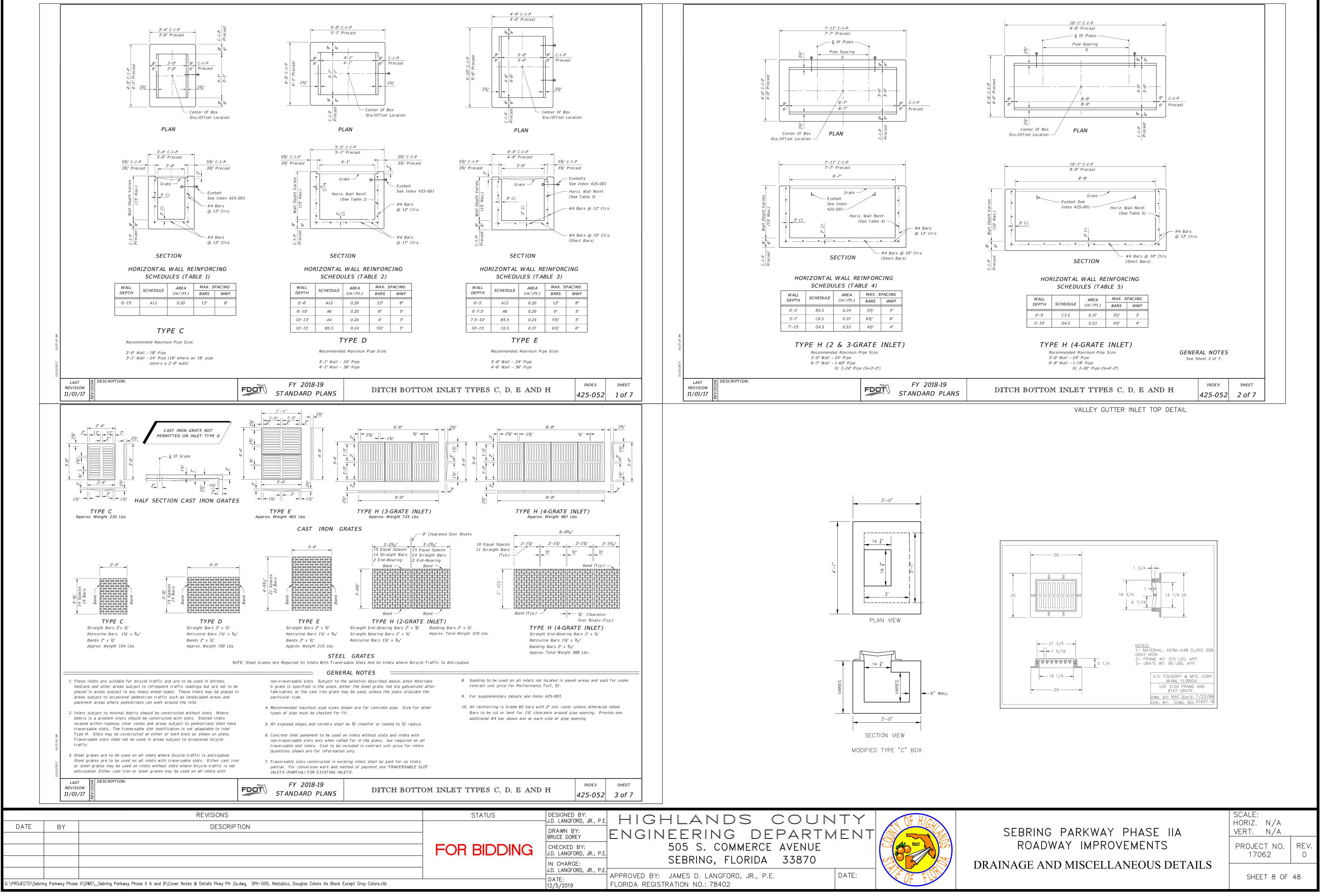
G: \PROJECTS \Sebring Parkway Phase II \DWG _Sebring Parkway Phase II A and B \Typical Sections.dwg, Typical Section, Nietubicz, Douglas Colors As Black Except Gray Colors.ctb

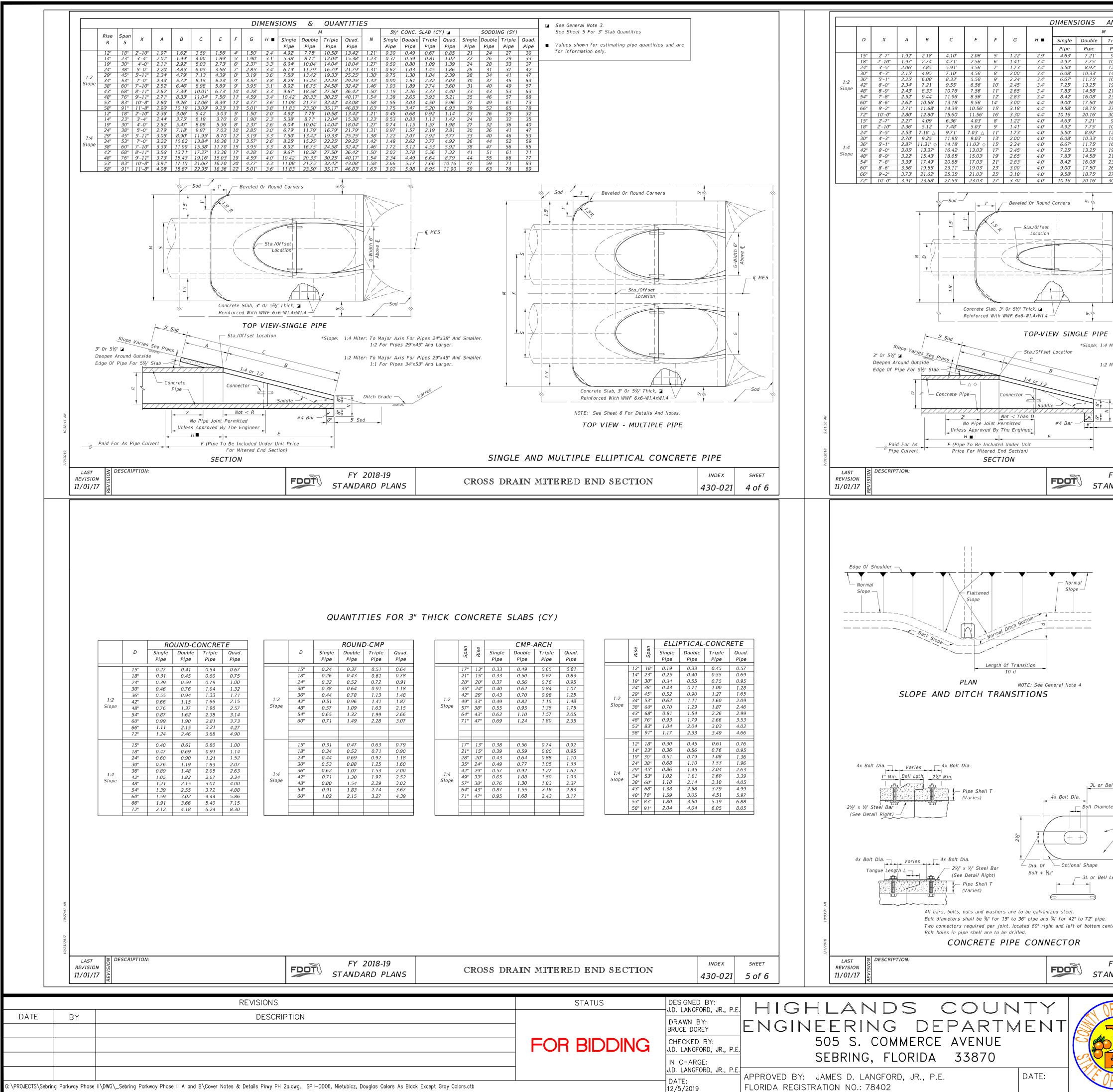




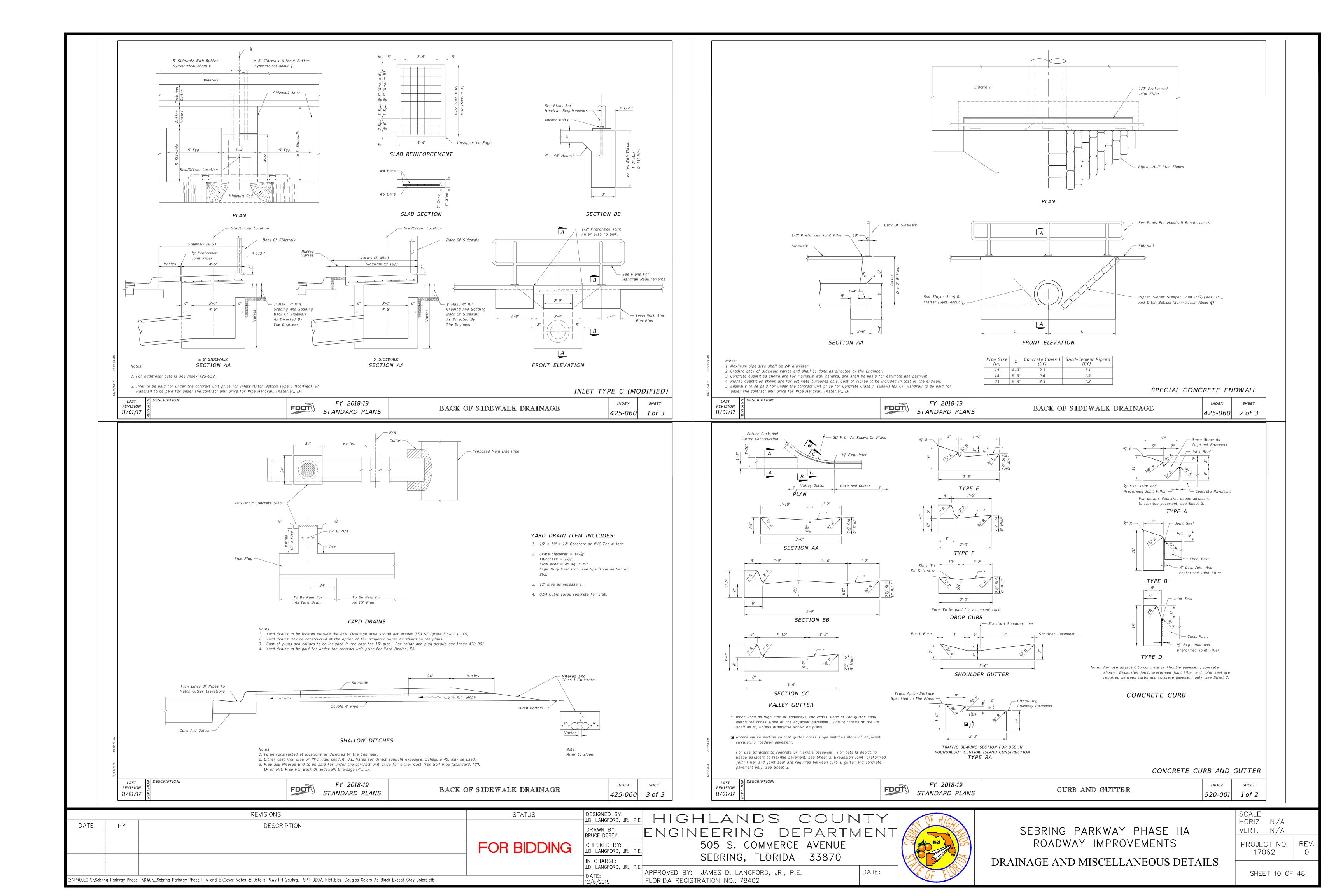


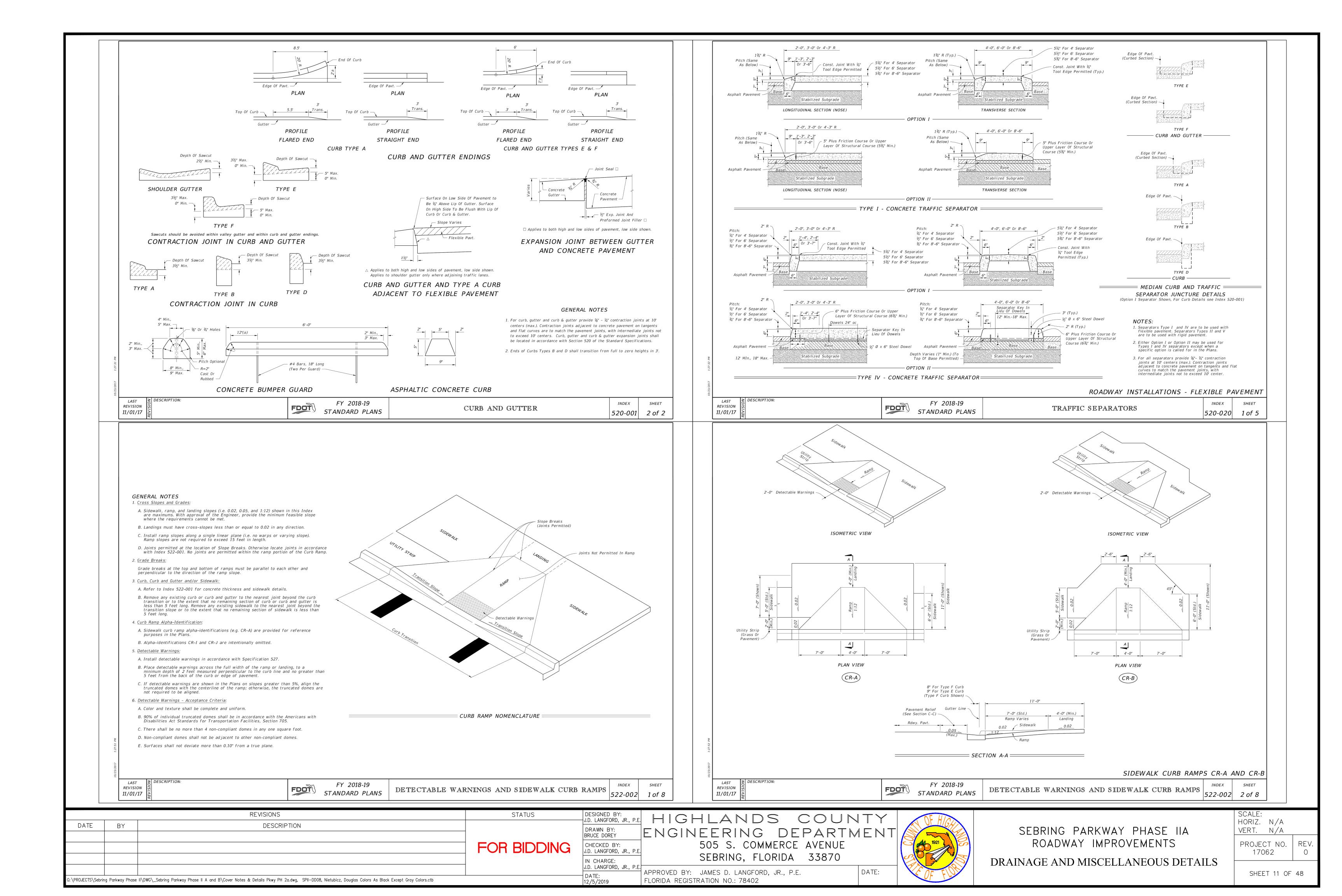


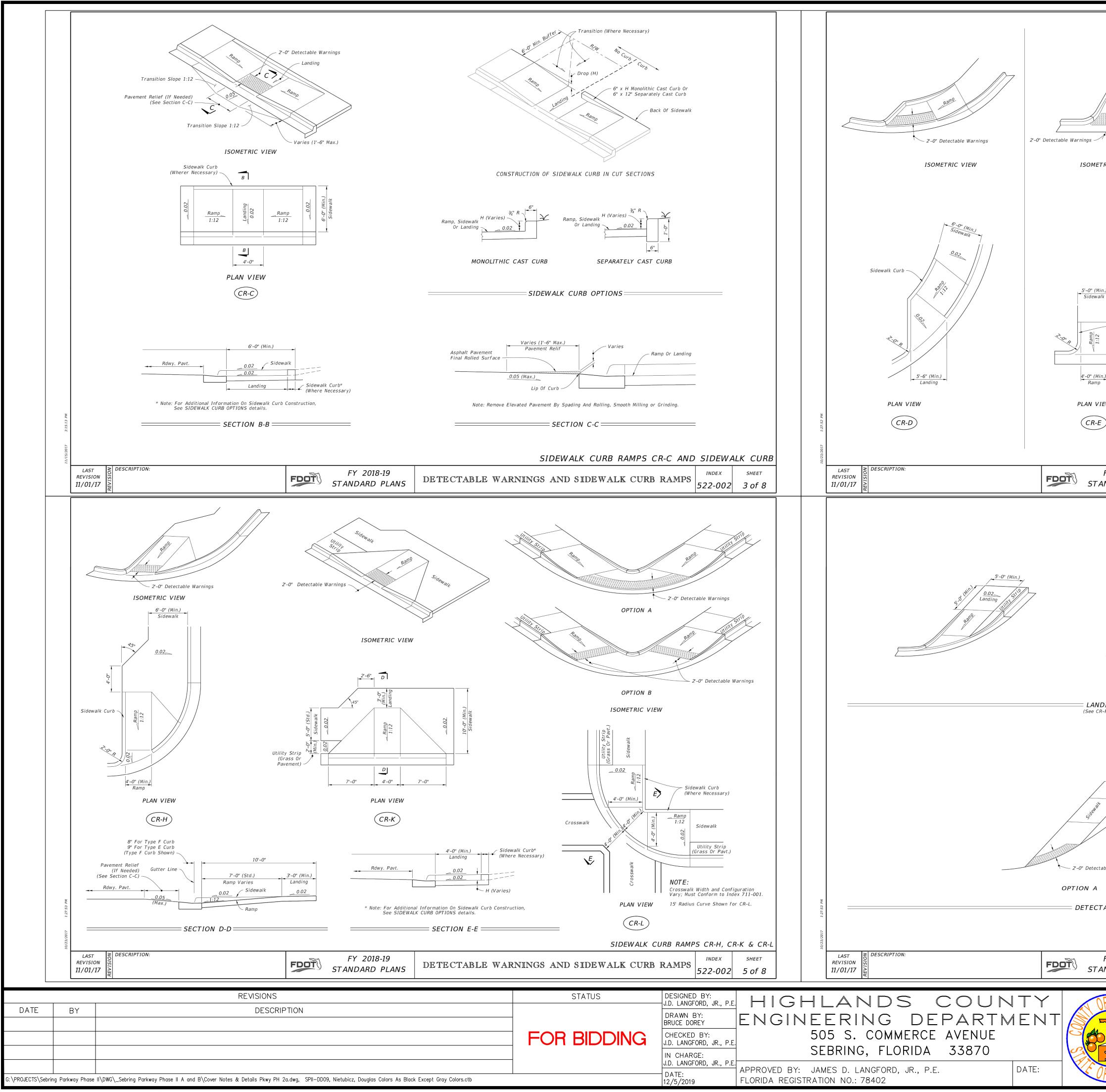




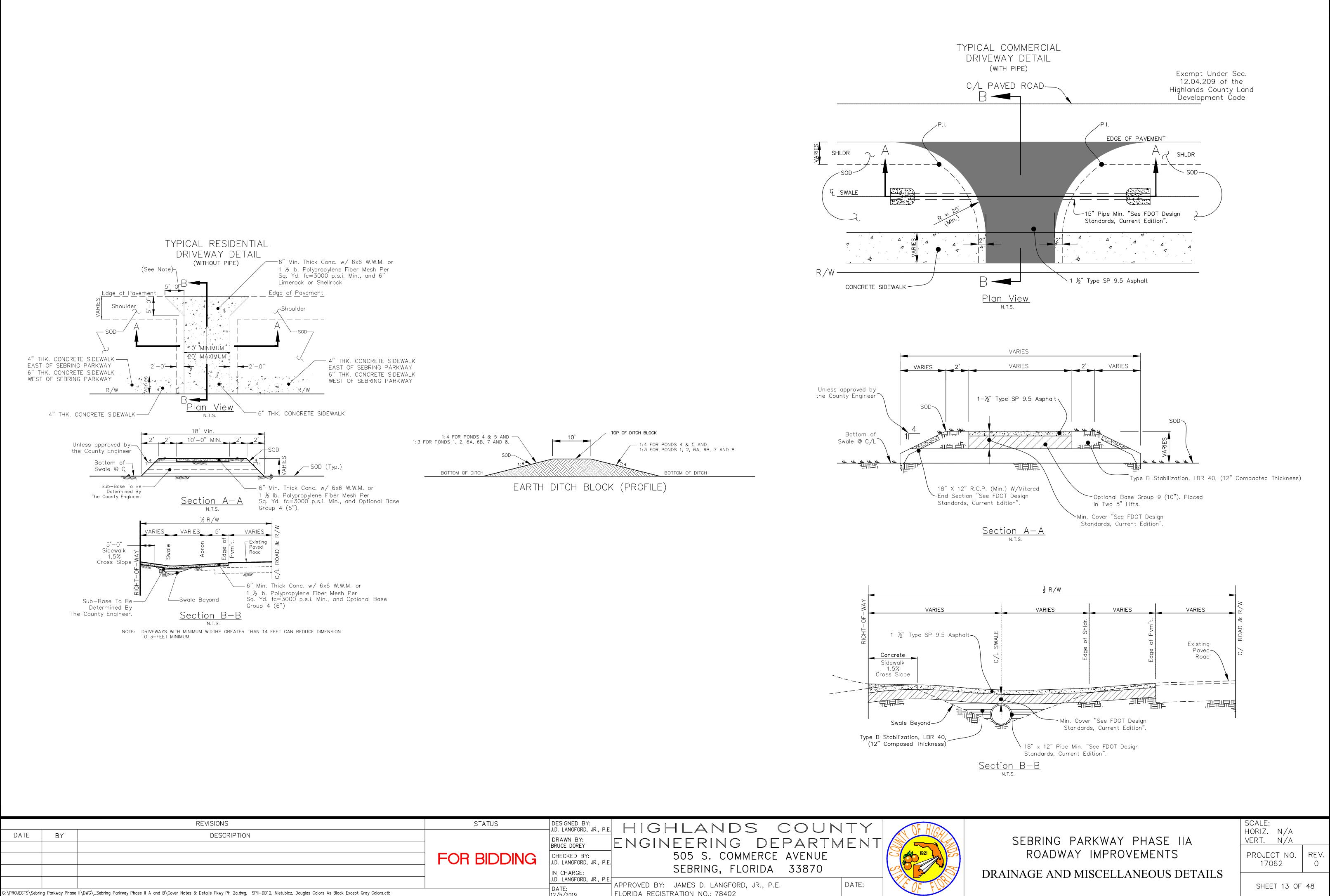
AND	QUANT	ITIES	5½"	CONCRETE				6000	ING (SY)						
Triple Pipe	Quad. Pipe	N	Single Pipe	Double Pipe	Triple Pipe	Quad. Pipe	Single Pipe	Double Pipe	Triple Pipe	Quad. Pipe	See General Note No See Sheet 5 For 3"				
9.79' 10.58' 12.33'	12.37' 13.42' 15.75'	1.19' 1.21' 1.25'	0.38 0.44 0.54	0.58 0.65 0.83	0.77 0.87 1.12	0.96 1.09 1.42	21 22 24 26	24 25 28	27 28 32 35	30 31 35 40	■ Values shown for e and are for inform	5111	antities		
14.58' 16.83' 19.25' 21.33'	18.83' 21.92' 25.25' 28.08'	1.29' 1.33' 1.38' 1.42'	0.66 0.81 0.97 1.13	1.09 1.38 1.70 2.04	1.50 1.95 2.45 2.93	1.91 2.51 3.19 3.84	20 28 30 32	31 34 37 39	39 39 43 47	45 50 54	-				
23.75' 26.00' 27.92'	31.42' 34.50' 37.08' 40.16'	1.46' 1.50' 1.54' 1.58'	1.31 1.51 1.68 1.89	2.44 2.89 3.25 3.74	3.58 4.28 4.84 5.59	4.72 5.68 6.43 7.45	34 36 38 40	42 45 48 51	51 55 58 62	59 64 68 73	-				
30.16' 9.79' 10.58' 12.33'	40.16 ⁻ 12.37' 13.42' 15.75'	1.58 1.19' 1.21' 1.25'	0.57 0.66 0.85	0.87 0.99 1.30	1.15 1.31 1.75	1.44 1.65 2.20	23 25 28	26 28 32	29 31 36	73 32 35 40		ensions permitted of 8' standard pij	I		
14.58' 16.83' 19.25'	18.83' 21.92' 25.25'	1.29' 1.33' 1.38'	1.10 1.32 1.58	1.74 2.21 2.76	2.39 3.08 3.91	3.05 3.96 5.09	31 34 38	36 40 44	41 46 51	46 52 58	 - ◇ 10.40' ◇ 10.10' Dim	ensions permitted of 12' standard p	to allow		
21.33' 23.75' 26.00' 27.92'	28.08' 31.42' 34.50' 37.08'	1.42' 1.46' 1.50' 1.54'	1.85 2.14 2.45 2.88	3.30 3.95 4.66 5.54	4.73 5.77 6.87 8.18	6.17 7.58 9.07 10.84	41 44 47 49	48 52 56 59	56 61 66 69	63 69 75 80	 △ ◇ Concrete slab shall across crown of pip	be deepened to fo	orm bridge		
30.16'	40.16'	1.58'	3.54	6.61	9.87	13.13	52	63	74	85					
					1		Sod _	1'	— Beveled	d Or Round	d Corners				
ш. 	-	-⊊MES							> 			r.			
Width Above								· · _ ·			G	Vid			
					W X			 		- Sta./Offs Locati	set	¢ M			
<u></u>												ī			
		<u> </u>						· · · · · · ·			9	1			
	L /	or Pipes 1 es 24" And	8" And Sma Larger.	aller.			1.5			Ĺ					
		or Pipes 1 s 24" And	8" And Sma Larger.	aller.					, 3" Or 5½" 1 th WWF 6x6		in o	 	God _		
T	Side Ditcl	h Grade —	١	Varies							! JLTIPLE PIPE	/			
			•	Vai											
5	' Sod				NOTE	: See she	et 6 for de	etails and	notes.						
					SING	LE AN	D MUI	LTIPLE	E ROUI	VD CO	ONCRETE PIPE				
FY 20		NC		CI	ROSS	DRAI	n mij	re re :	d eni) SEC	TION	INDEX	SHEET		
NDAK	D PLA	113										430-021	1 of 6]	
	pipe join end 3. Class slabs 4. Selec 5. Repa 6. Prion 12" b 7. When eithe	(PPP). Whi HDPE or s sections, c s NS concr s at 5½" th ct lengths ir corruga r to placin beyond the	en used in PVC pipe, concrete ja nete cast-in hick. of concrete ated metal g concrete concrete multiple cr ct the mite	conjunction with metal acket constr n-place rein re pipe that pipe galvan slab apply slab. ross drain p	n with corr pipe or oth cucted in ac aforced sla avoid exce izing that a bitumino pipes are s	rugated mit her coupler ccordance abs are req essive conn is damaged bus coating spaced othe	ered end s approved with Index uuired for nections in d during be to any pon er than the	sections, m by the Sta 430-001. all sizes o the assen eveling and rtion of co e dimension	make connect ate Drainag of cross dra mbly of the d perforatin porrugated m ns shown in	tion using e Engineer ain pipes. mitered er g. etal pipe r this Inde.	DPE), polyvinyl-chloride pipe either a formed metal band r. When used in conjunction Unless 3" thickness called f nd section. in direct contact with concre x, have nonparallel axes, or e end sections as directed b	specifically designed with a concrete monon of the second	nated to hitered ruct ating		
	sloj 2. Incl	pe interse	ction perm and ditch	its, the mite	ered end s	ection may	be located	d with the	culvert ope	ning as cl	ipe are permitted within the ose as 8' beyond the outside d section outside clear zone	e edge of the show	ulder.		
ell Length	n +3½" Min). 						<u> </u>			Hex Nuts (2 Req.)				
ter							11/2				— Flat Washer (1 Req.)				
	2½" x ¼" Steel Bar	~					-	1/2	6½" 2" x 6" Bolt	<u>1½"</u> Min.					
{				Anchors	s required	for CMP o	nly.	May	Be Substitu	ted					
Length +	3½" Min.					nd nuts to									
				are to r Flat wa	be spaced ashers to b	a distance be placed o	equal to f n inside wa	iour (4) co all of pipe	errugations.	Place the	faces to be repaired after anchors in the outside cres	-			
nter of pi	pe.			Holes i	n the miter	red end pip	be are to b		or punched; HOR DET		ot permitted.				
						5	PECIA	L DET	TAILS A	and i	NOTES				
FY 20 NDAR)18-19 D PLA	NS		CI	ROSS	DRAI	n mit	re re :	d eni) SEC	TION	INDEX 430-021	^{ѕнеет} 6 of 6		
FHI	GH >							_					SCALE: HORIZ.	N/A	
1921				S							ASE IIA IENTS		VERT.	N/A	REV.
]	תת	A TN T								пс	PROJEC 170		REV.
F F	<u>OB</u>		DK	AIN.	AUÈ	E AN	א ע M	19C.	CLLA	ANE	OUS DETA	ALS	SHE	ET 9 O	F 48



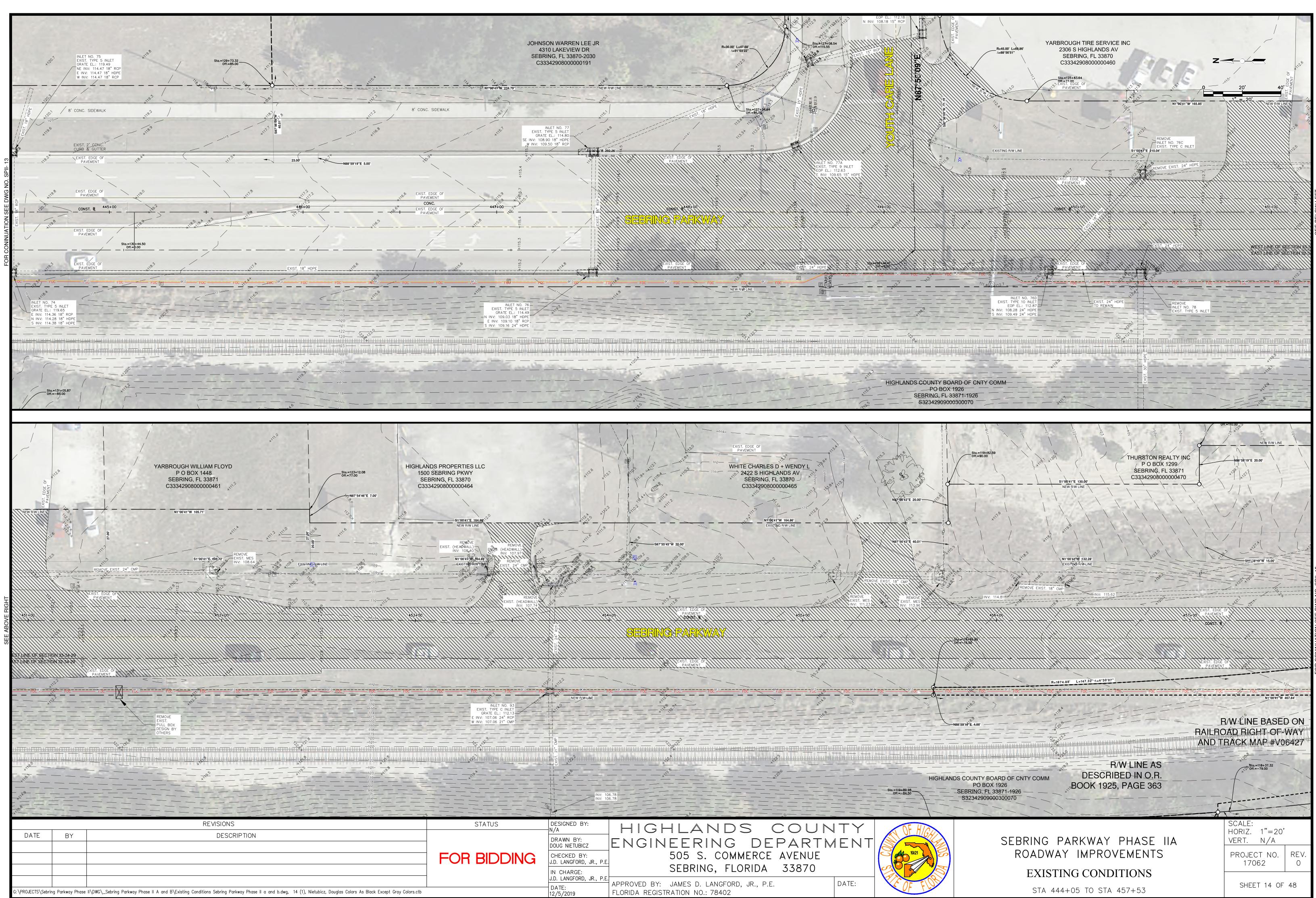


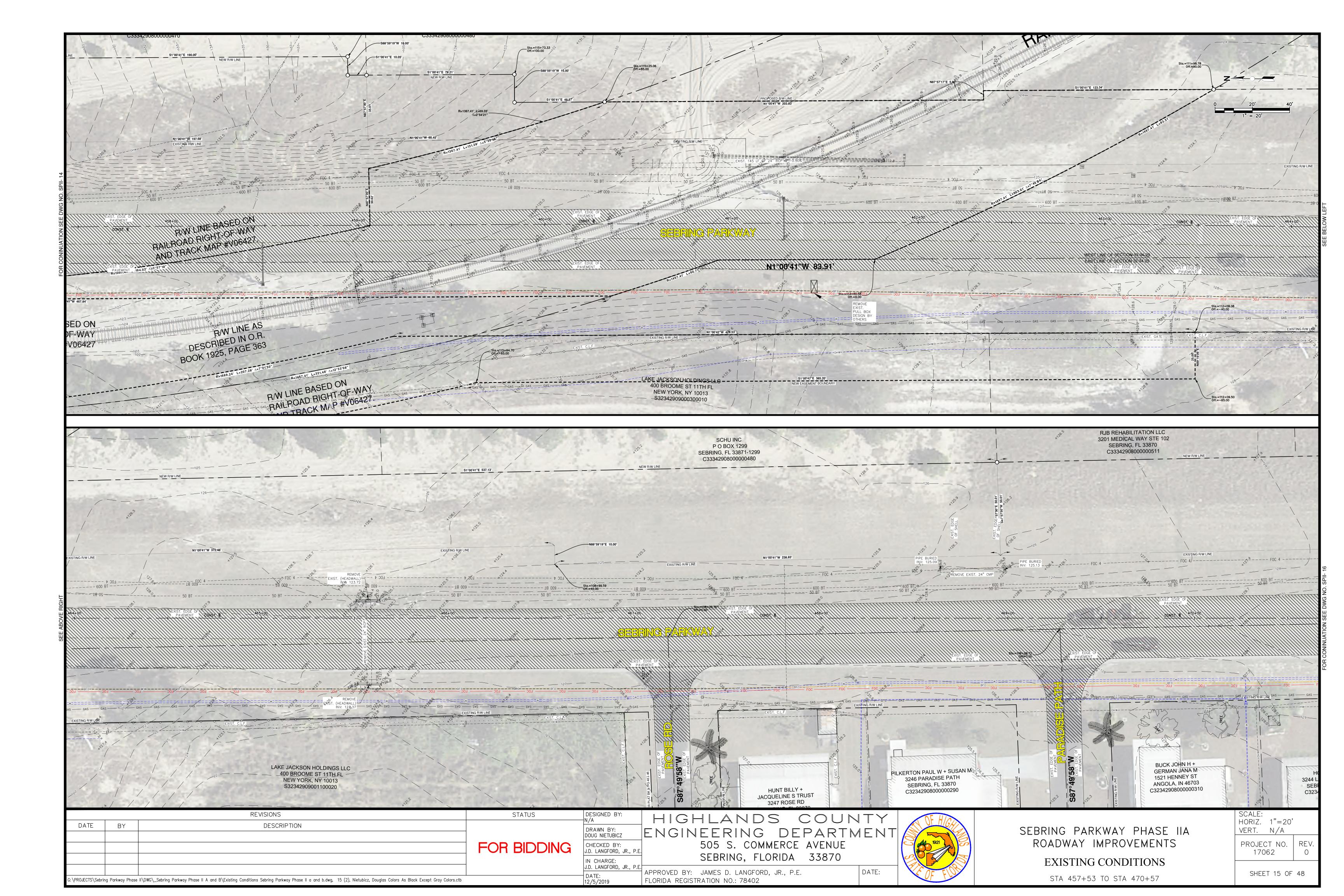


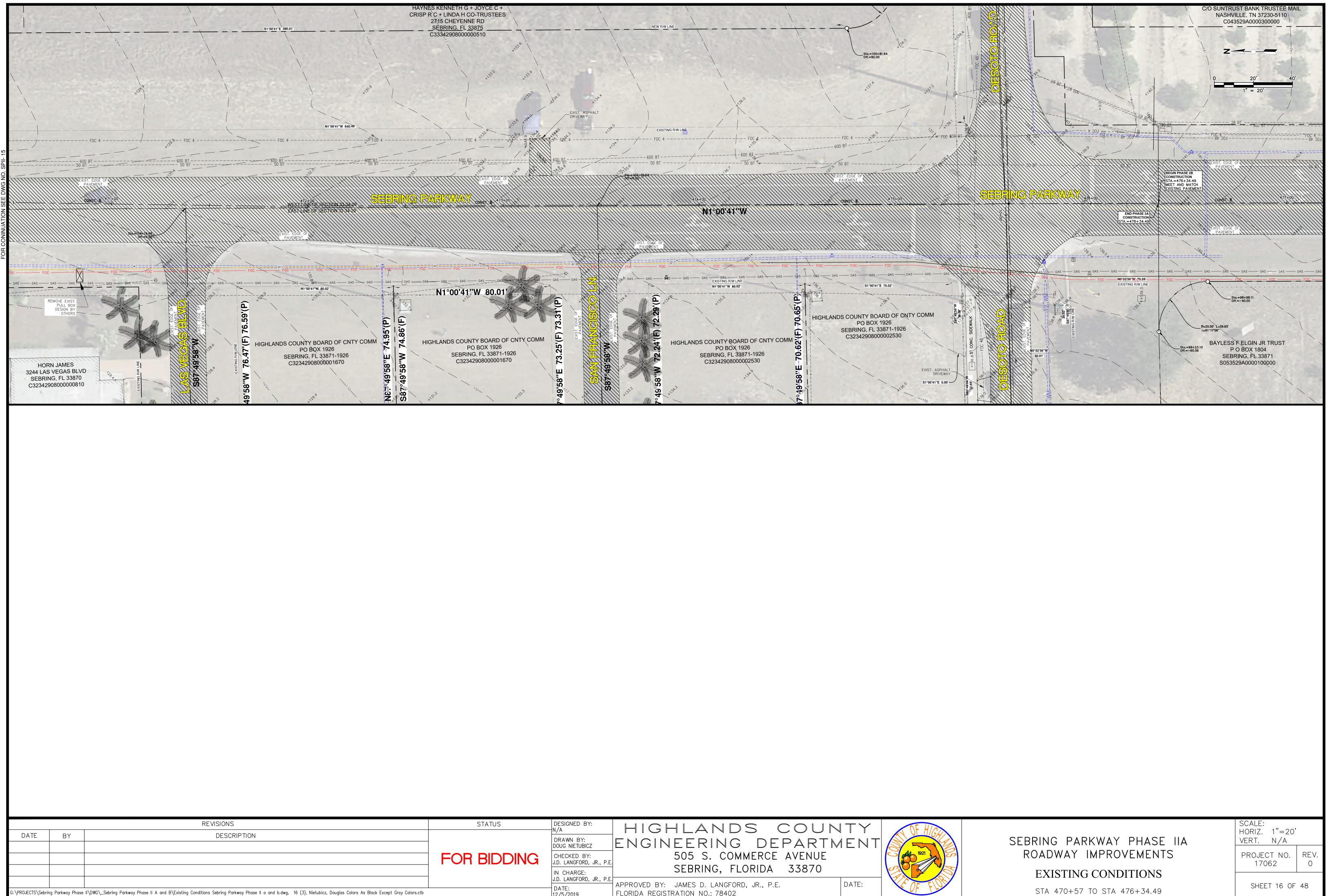
n.) k Sidewalk Curb		2-0" Detectable OPTION A		
FY 2018-19 NDARD PLANS	SIDEWAL	K CURB RAMPS CR-D, CR-E, CR K CURB RAMPS 522-002	R-F & CR-G SHEET 4 of 8	
2	5'-0" (Min.) 0.02 Landing	5'-0" (Min.)		
DINGS FOR CURB R I-F, CR-G & CR-K Respective	AMPS WITHOUT SIDEWALKS			
able Warnings	5.0° No ^{1.} No ^{1.} 2'-0" Detectable Warnings			
ARIF WARNING ON	OPTION B			
ABLE WANNING ON	FLUSH SHOULDER SIDEWALKS			
FY 2018-19 ANDARD PLANS	CURB RAMPS WITHOUT SIDEWALKS A DETECTABLE WARNINGS AND SIDEWAL	K CURB RAMPS	SHEET	
		522-002	6 of 8 SCALE:	
1921	SEBRING PARKWAY PH ROADWAY IMPROVEN		HORIZ. N/A VERT. N/A PROJECT NO.	REV.
	DRAINAGE AND MISCELLANI		17062	0
			SHEET 12 OI	+ 48



STATUS	DESIGNED BY:	HIGHLANDS COUNT	
	J.D. LANGFORD, JR., P.E. DRAWN BY: BRUCE DOREY	ENGINEERING DEPARTME	
FOR BIDDING	CHECKED BY: J.D. LANGFORD, JR., P.E.	505 S. COMMERCE AVENUE	
	IN CHARGE: J.D. LANGFORD, JR., P.E.	SEBRING, FLORIDA 33870	
	DATE: 12/5/2019	APPROVED BY:JAMES D. LANGFORD, JR., P.E.DATFLORIDA REGISTRATION NO.:78402	



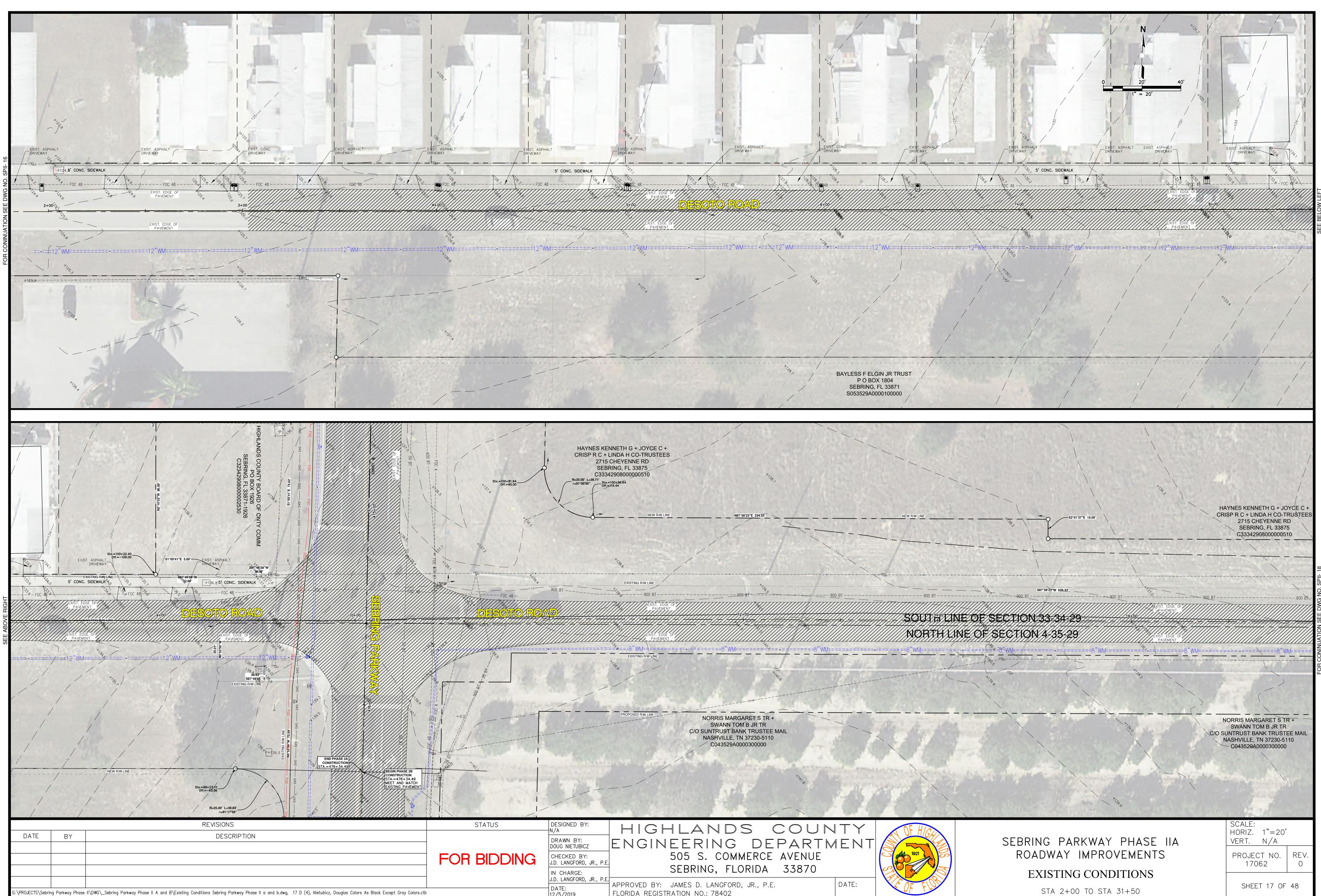




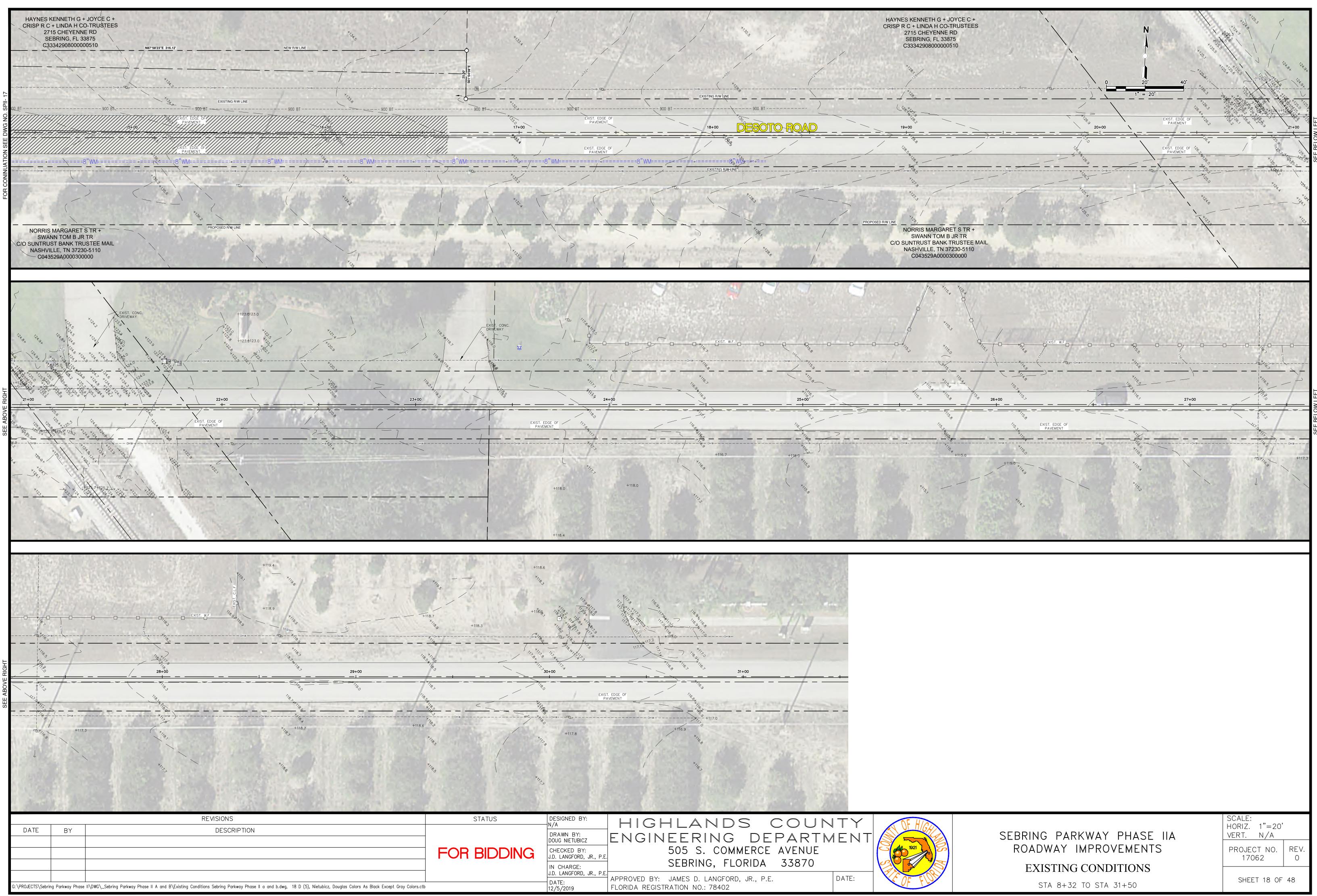
STATUS	DESIGNED BY: N/A	HIGHLANDS COUN		
	DRAWN BY: DOUG NIETUBICZ	ENGINEERING DEPARTM		
FOR BIDDING	CHECKED BY: J.D. LANGFORD, JR., P.E.	505 S. COMMERCE AVENUE		
	IN CHARGE: J.D. LANGFORD, JR., P.E.	SEBRING, FLORIDA 33870		
	DATE: 12/5/2019	APPROVED BY: JAMES D. LANGFORD, JR., P.E. FLORIDA REGISTRATION NO.: 78402	DATE:	

STA	470+57	ΤO	STA	476+34.49

HORIZ. VERT.	1"=20' N/A	
PROJEC 170		REV. 0

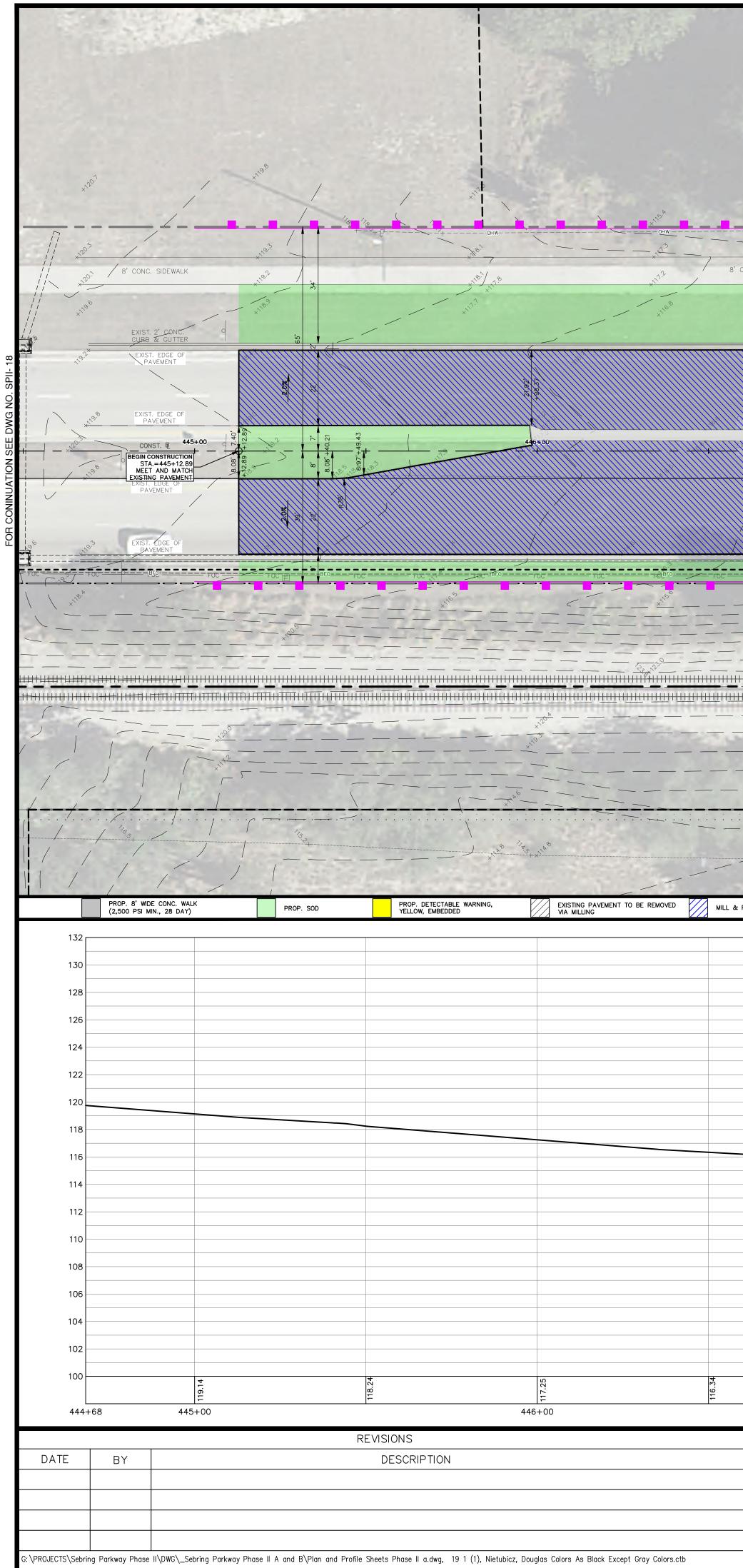


	/			are car
	STATUS	DESIGNED BY: N/A	HIGHLANDS COUNT	
		DRAWN BY: DOUG NIETUBICZ	ENGINEERING DEPARTME	ENT
FOR	BIDDING	CHECKED BY: J.D. LANGFORD, JR., P.E.	505 S. COMMERCE AVENUE	
		IN CHARGE: J.D. LANGFORD, JR., P.E.	SEBRING, FLORIDA 33870	
		DATE: 12/5/2019	APPROVED BY: JAMES D. LANGFORD, JR., P.E. DA FLORIDA REGISTRATION NO.: 78402	ATE:

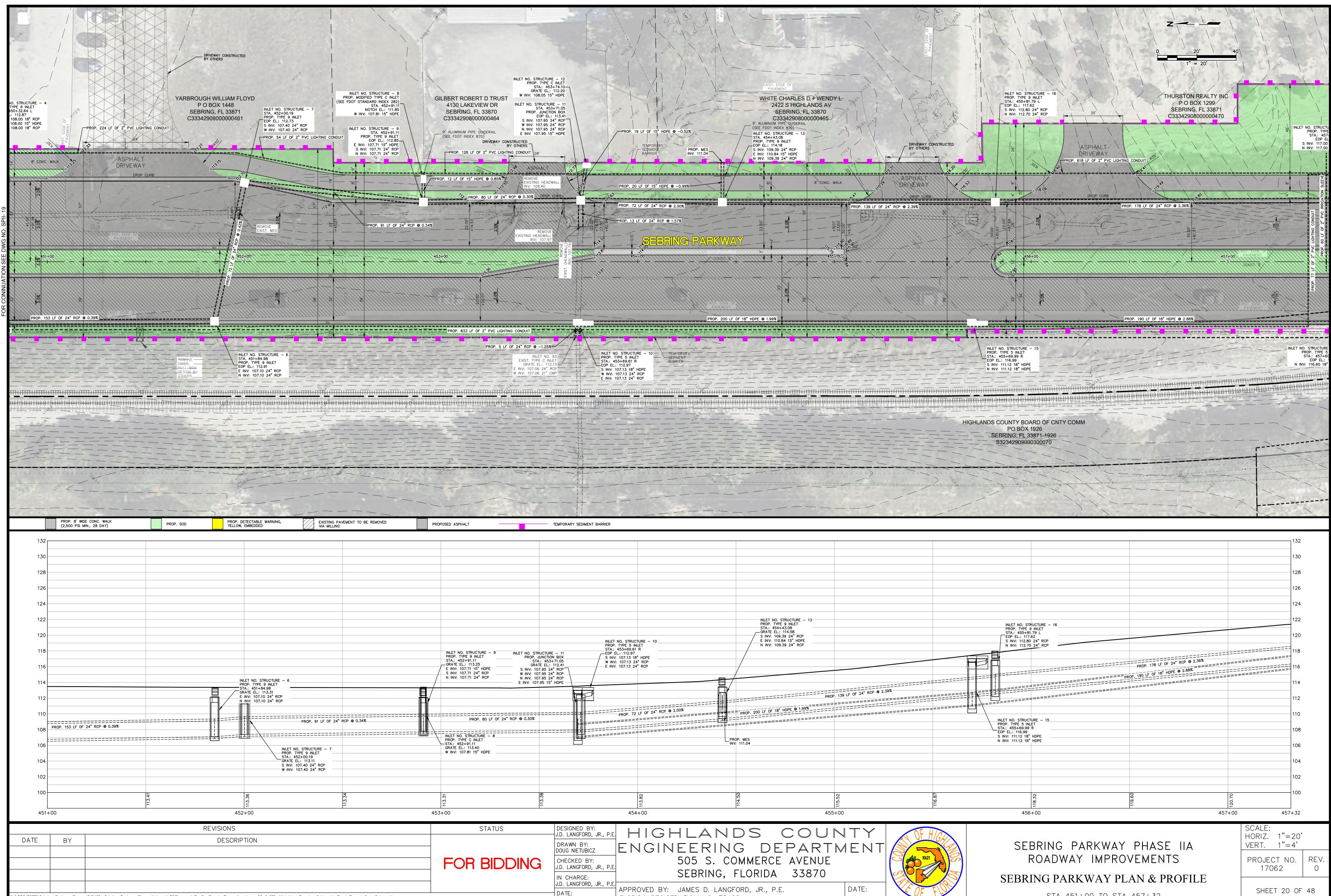


STATUS	DESIGNED BY:	HIGHLANDS COUNTY	
FOR BIDDING	DRAWN BY: DOUG NIETUBICZ	ENGINEERING DEPARTMENT	
	CHECKED BY: J.D. LANGFORD, JR., P.E.	505 S. COMMERCE AVENUE	
	IN CHARGE: J.D. LANGFORD, JR., P.E.	SEBRING, FLORIDA 33870	
	DATE: 12/5/2019	APPROVED BY:JAMES D. LANGFORD, JR., P.E.DATE:FLORIDA REGISTRATION NO.:78402	× 0

HORIZ. 1"=20' VERT. N/A	
PROJECT NO. 17062	REV O



SEI	NSON WARREN LEE JR 4310 LAKEVIEW DR 3RING, FL 33870-2030 33342908000000191		E TING	STALL FEOP E	STA:: 450+32.76 NOTCH EL:: 111.85 W INV: 108.10 15" HDPE YARBROUGH TIRE SERVICE INC 2306 S HIGHLANDS AV SEBRING, FL 33870 C33342908000000460 No. STRUCTURE - 2 TYPE 5 INLET 449+50.01 L L:: 112.80 W: 108.10 18" RCP V: 108.10 18" RCP PROP. 11 LF OF 15" HDPE @ 0.94% SEXIST. EDGE OF PAVEMENT	ALUMINUM PIPE GUIDERAIL ALUMINUM PIPE ALUMINUM PIPE ALUMINUM PIPE ALUMINUM PIPE ALUMINUM PIPE ALUMINUM
ине склате ец склате ец SE INV: 108.90 W INV: 109.50 W INV: 109.50 Сопс. Сопс. 447.+09	.: 114.80 18" HDPE	PROP. 8 LF OF 15" HDPE @ 0.	REMOVE & REPLACE INLET NO. STRUCTURE - PROP. TYPE 9 INLET STA: 448+54.88 L EOP EL: 113.22 E INV: 109.65 15" HDPE	77A)	DOULD PROP. 83 LF OF 18" RCP @ 0.12% PROP. 83 LF OF 18" RCP @ 0.12% NOT PROP. 83 LF OF 18" RCP @ 0.12% PROP. 84 LF OF 18" RCP @ 0.1	REMOVE REMOVE INLET NO. 76C EXIST. TYPE C INLET GRATE EL.: 112.61 NW INV: 108.47 18" RCP S INV: 108.47 24" HDPE PROP. 73 LF OF 18" RCP @ 2.05%
86 100		EXIST. EDGE OF PAVEMENT BFO- FOC FOC FOC BEC XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	INLET NO. STRUCTURE - 1 PROP. TYPE 6 INLET STA:: 448+99.97 R EOP EL:: 112.87 S INV: 108.60 24" HDPE N INV: 108.60 24" HDPE POC POC		REMOVE INLET NO. 76D TYPE LO INLET PA LE NO. 76D TYPE LO I	REMOVE INLET NO. 78 EXIST. TYPE 5 INLET
				HIGHLANDS COUNTY BOARD OF CNTY COMM 		STA:: 450+32.44 R EOP EL.: 113.09 E INV: 106.50 24" RCP N INV: 106.10 24" HDPE
RESURFACE EXISTING PAVEMENT PROPOSED	ASPHALT TEMPORA	ARY SEDIMENT BARRIER				
						124 122 120 118 118 116 114 112
	11 14.92		113.60	ROP. 55 LF OF 18" RCP @ 0.14%		110 108 106 104 102 102 100 100 100
5TATUS	DRAWN BY: DOUG NIETUBICZ CHECKED BY: J.D. LANGFORD, JR., P.E. IN CHARGE: J.D. LANGFORD, JR., P.E. DATE: APPROVED B	HLANDS NEERING DE 505 S. COMMERCE SEBRING, FLORIDA Y: JAMES D. LANGFORD, JR., P. ISTRATION NO.: 78402	COUNTY EPARTMENT E avenue 33870		450+00 BRING PARKWAY PHASE ROADWAY IMPROVEMEN ING PARKWAY PLAN & P STA 444+68 TO STA 451+00	TS PROJECT NO. REV. 17062 0



\PROJECTS\Sebring Parkway Phase II\DWG_Sebring Parkway Phase II A and B\Plan and Profile Sheets Phase II a.dwg, 20 2 (2), Nietubicz, Douglas Colors As Black Except Gray Colors.ctb

	/ N INV: 107.71 24" RCP N I	NV: 107.95 24" RCP / /				
	EIN	V: 107.95 15" HDPE				======
7				====================================	======================================	% ====== =========
			PROP. 72 LF OF 24" RCP @ 2.00	% = = = 5500 200 LF OF 18" I	DPE @ 1.99%	======
ŧ-	======================================		PROP. 72 LF OF 24 000			
\setminus				-======================================		
<u>+</u> -			=======================================	PROP. MES		
	STA.: 452+91.11 GRATE EL.: 113.40 W INV: 107.81 15" HDPE			INV: 111.04		
	113.31	3.38	113.82	4.50	5.52	
		=	11	=	1	
4	453+00		454+00		455+00	
	STATUS	DESIGNED BY: J.D. LANGFORD, JR., P.E.		LANDS		
Τ						
		DRAWN BY: DOUG NIETUBICZ	ENGINE	EERING DE	PARTMENT	

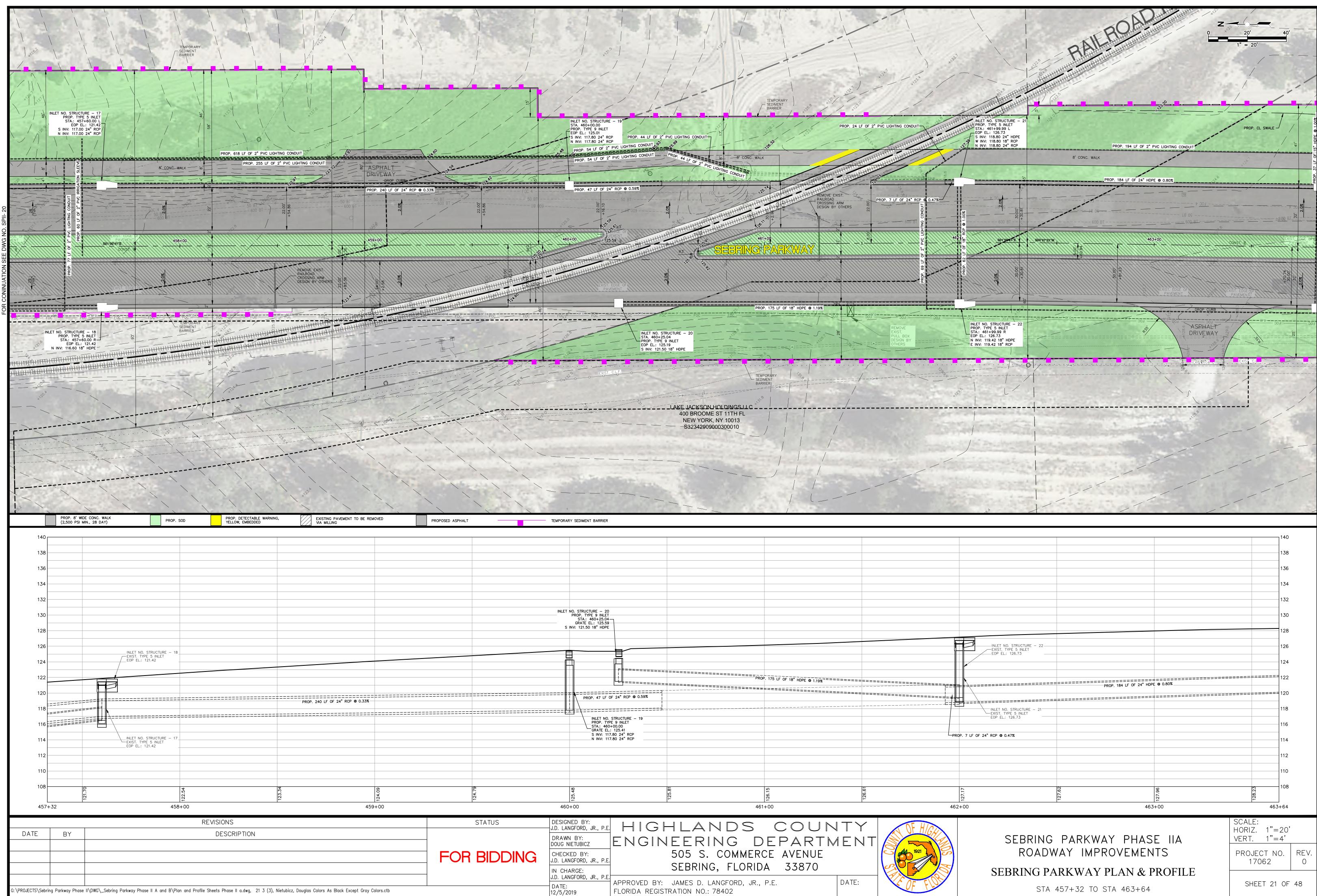
	STATUS	DESIGNED BY:	HIGHLANDS COUN		
		J.D. LANGFORD, JR., F.E.	$ \cup \Box A \cup \cup \cup \cup \cup \cup \cup \cup $		
		DRAWN BY:			
		DOUG NIETUBICZ	ENGINEERING DEPARTM		
					Al al
	FOR BIDDING	CHECKED BY:	505 S. COMMERCE AVENUE		
		J.D. LANGFORD, JR., P.E.			
		IN CHARGE:	SEBRING, FLORIDA 33870		
		J.D. LANGFORD, JR., P.E.			
			APPROVED BY: JAMES D. LANGFORD, JR., P.E.	DATE:	
I		DATE:	FLORIDA REGISTRATION NO.: 78402		
		12/5/2019	FLORIDA REGISTRATION NO.: 76402		

STA	451+00	ΤO	STA	457 ± 32	
SIA	+31+00	ĨŬ	SIA	+J/+JZ	



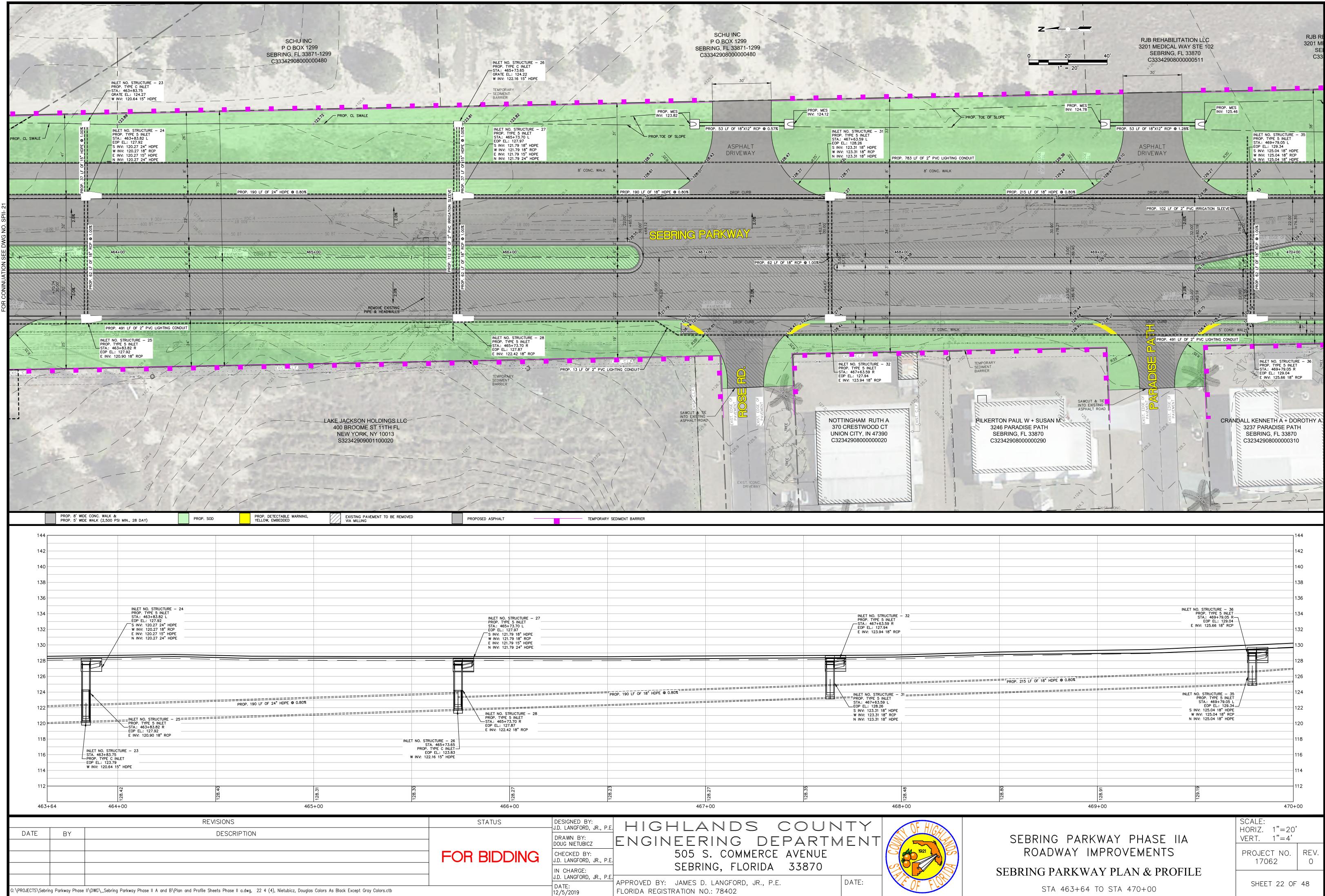


	PROP. 190 LF OF 18" HDPE @ 2.88%	
······································		
FOCBFOCFOCBFOCBFOCFO	FOC FOC FOC FOC FOC	
INLET NO. STRUCTURE - 15 PROP. TYPE 5 INLET STA.: 455+69.99 R EOP EL.: 116.99 S INV: 111.12 18" HDPE N INV: 111.12 18" HDPE		INLET NO. STRUCTURE PROP. TYPE 5 STA:: 457+60 EOP EL:: 1 N INV: 116.60 18"
		<u>+++++++++++++++++++++++++++++++++++++</u>
HIGHLANDS COUNTY BOARD OF CNTY COMM PO BOX 1926 SEBRING, FL 33871-1926 S323429099000300070		
1/10, x 1/13, 6 x 2 x 2 x 2 x 2 x 2 x 2 x 2 x 2	 	-OHW

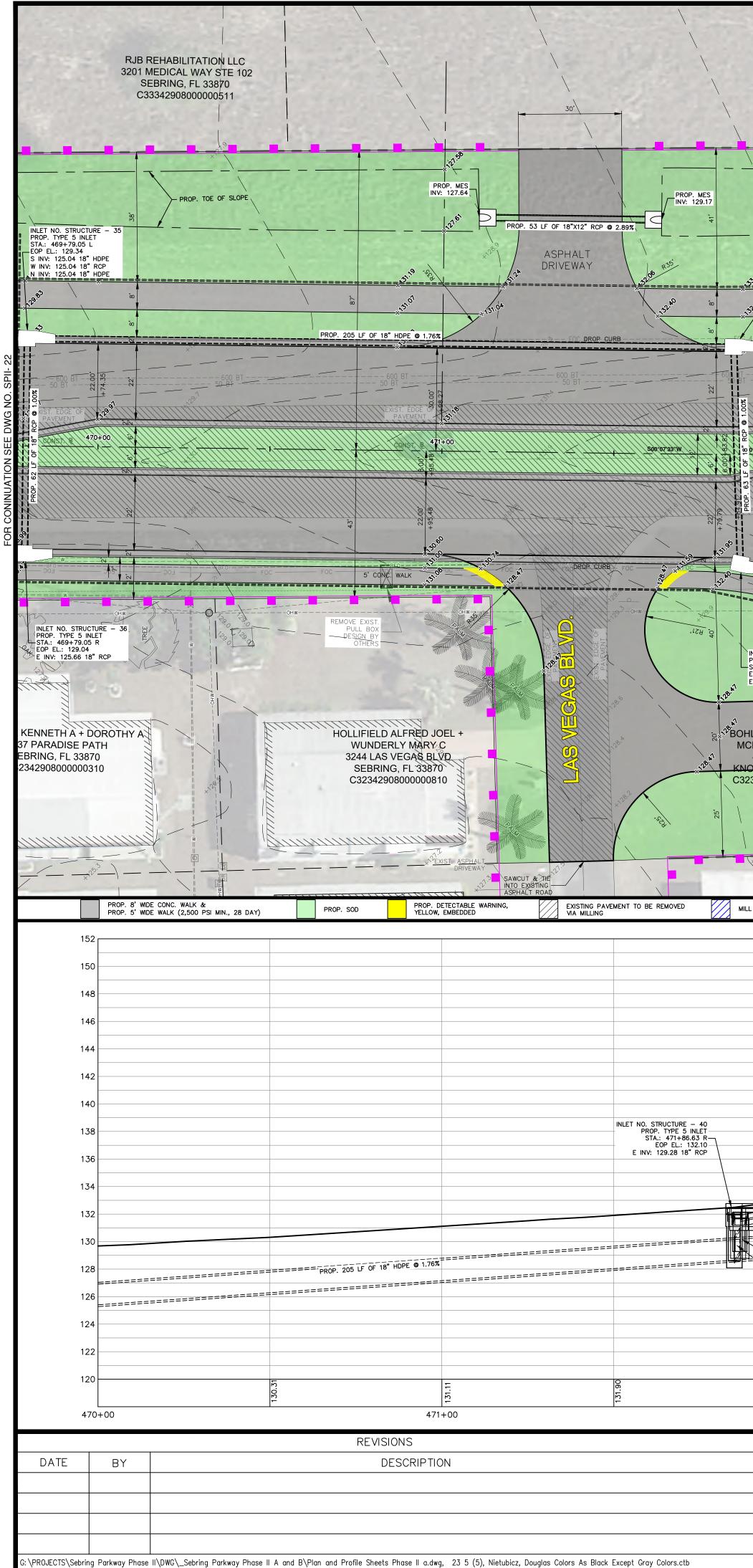


PROPOSED ASPHALT	TEMPORARY SEDIMENT BARRIER

PROPOSED ASPHALT TEMPORARY SEDIMENT BARRIER			8 ¹		
					140
					138
					136
					134
INLET NO. STRUCTURE – 20 PROP. TYPE 9 INLET					132
S INV: 121.50 18" HDPE					130
			INLET NO. STRUCTURE - 22 EXIST. TYPE 5 INLET		126
			EOP EL.: 126.73		124
	======================================	=======================================		======================================	=======================================
======================================		====================================			=======================================
INLET NO. STRUCTURE – 19 PROP. TYPE 9 INLET STA: 460+00.00			INLET NO. STRUCTURE - 21 EXIST. TYPE 5 INLET EOP EL.: 126.73		116
GRATE EL: 125.41 S INV: 117.80 24" RCP N INV: 117.80 24" RCP		p	ROP. 7 LF OF 24" RCP @ 0.47%		114
					112
					110
124.79	125.81	126.61	127.17	127.96	108 80 108
460+00 STATUS DESIGNED BY:			\$2+00	463+00	463+64 SCALE:
J.D. LANGFORD, JR., P.E.	HLANDS COUN Jeering departm		SEBRING	PARKWAY PHASE IIA	HORIZ. 1"=20' VERT. 1"=4'
FOR BIDDING	505 S. COMMERCE AVENUE			AY IMPROVEMENTS	PROJECT NO. REV. 17062 0
IN CHARGE: J.D. LANGFORD, JR., P.E.	SEBRING, FLORIDA 33870		SEBRING PA	RKWAY PLAN & PROFIL	E
APPROVED_BY:	: JAMES D. LANGFORD, JR., P.E. Stration no.: 78402	DATE:	STA 4	57+32 TO STA 463+64	SHEET 21 OF 48

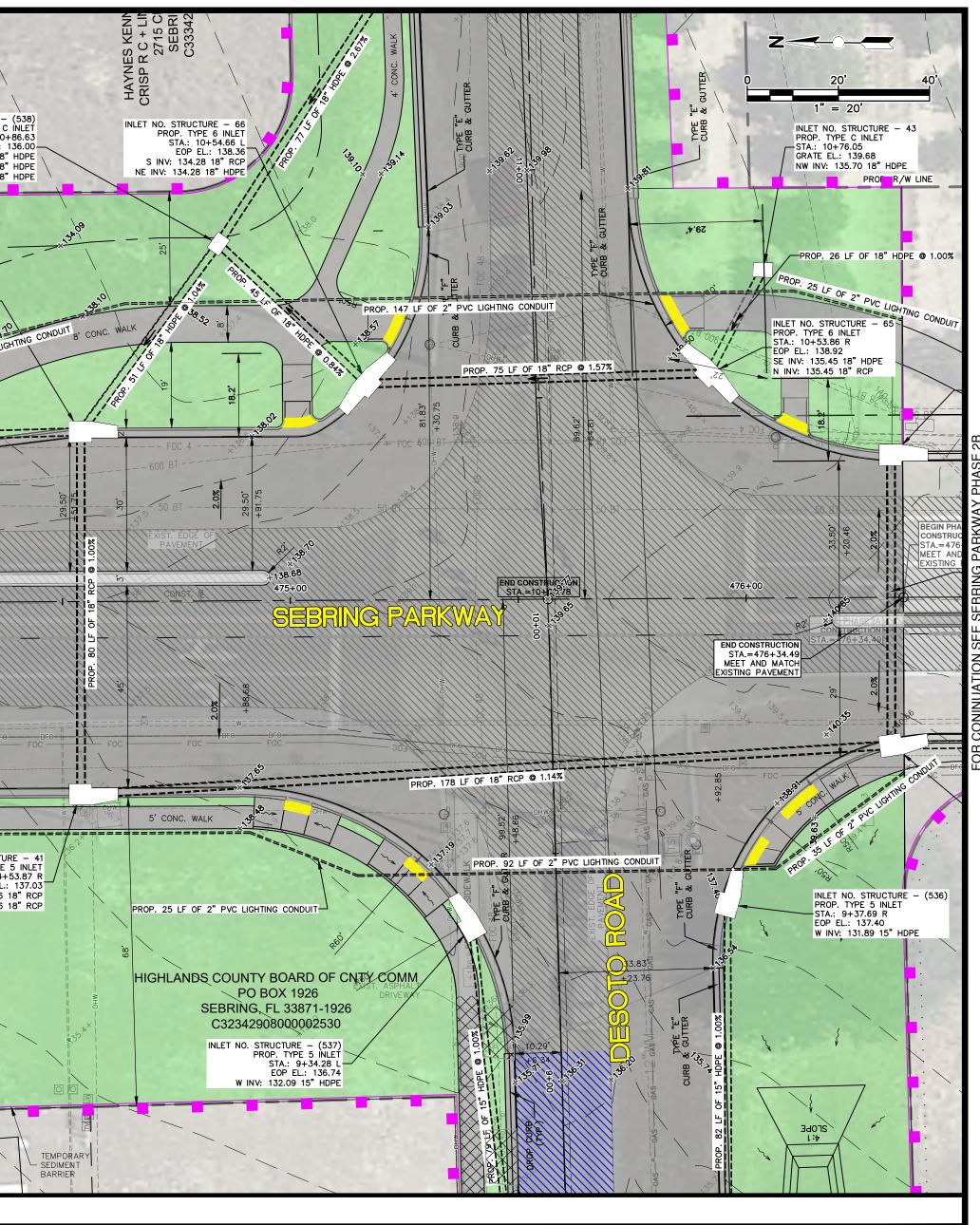


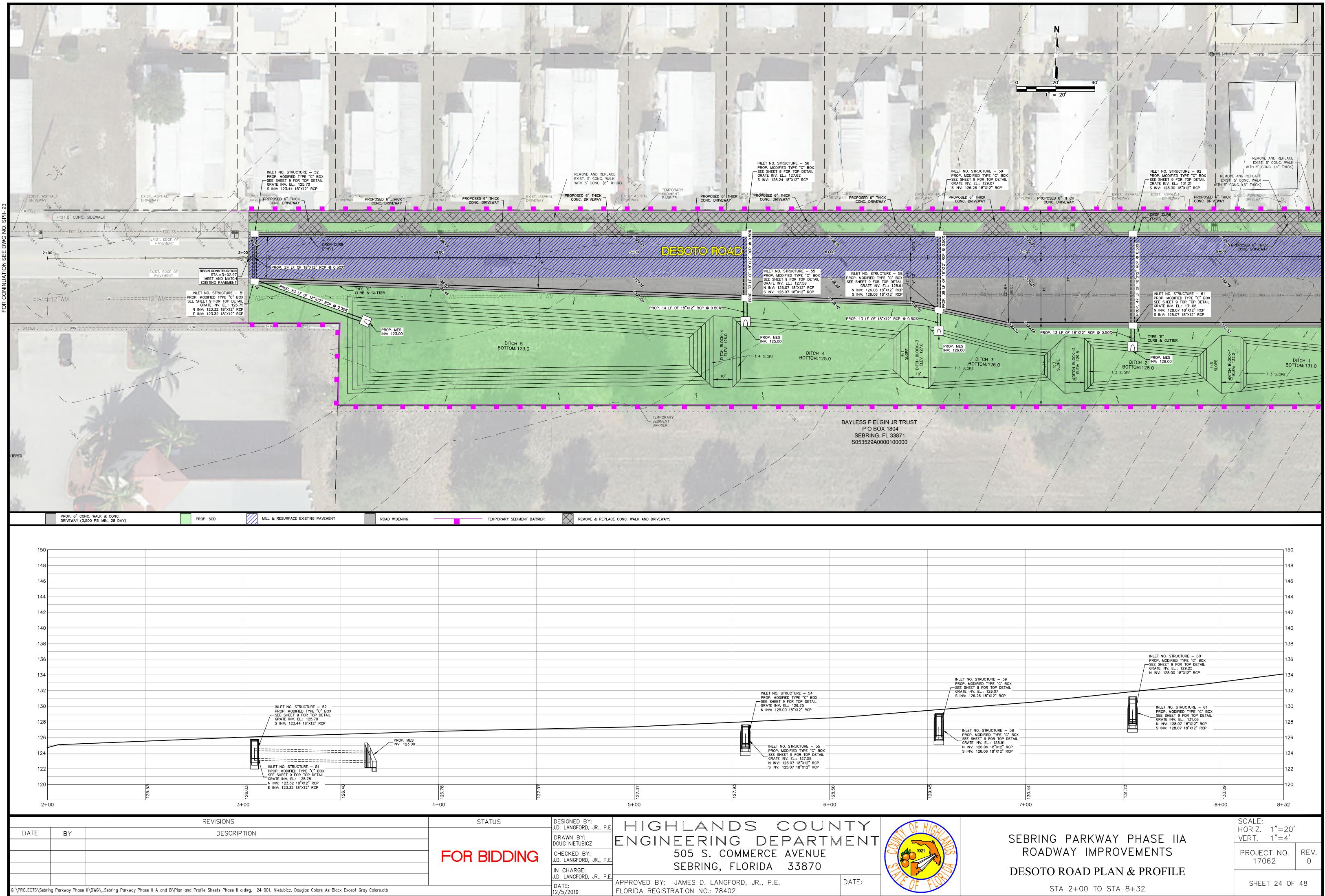
3246 PARADISE PATH SEBRING, FL 33870 C32342908000000290		×125.2 ×125.3	3237 PARADISE PATH SEBRING, FL 33870 C32342908000000310
	x ^{124.0} x ^{124.0} <u>x^{124.0}</u> EXIST. CONC.		
	HDPE	STA:: 46 EOP F E INV: 125.6	PE 5 INLET 134 19+79.05 R 132 36 18" RCP 132 130 130 131 130 132 130 133 130 134 128 135 128 128 128 128 128 128 128 128 128 128 128 128 124 129.04 124 124 124 125 124 126 122 127 122
ROA SEBRING	NG PARKWAY DWAY IMPROY PARKWAY PL ta 463+64 to sta	VEMENTS AN & PROFILE	SCALE: HORIZ. 1"=20' VERT. 1"=4' PROJECT NO. RI 17062 SHEET 22 OF 48



	TEMPORARY SEDIMENT BARRIER NUET NO. STRUCTURE - 39 PROP. TYPE 5 INLET STA:: 471+85.05 L EOP EL:: 132.39 S INV: 128.65 18" HDPE W INV: 128.65 18" ROPE W INV: 128.65 18" ROPE	ES KENNETH G + JOYCE C + R C + LINDA H CO-TRUSTEES 2715 CHEYENNE RD SEBRING, FL 33875 C33342908000000510 PROP. TOE OF SLOPE 	EXIST. ASPHALT DRIVEWAY	SW SE NW SE NW PROP. T STA: 4 EOP W INV: 133.3 SE INV: 133.3 N INV: 133.3 N INV: 133.3	STURE - 42 (PE 5 INLET 74+54.20 L EL:: 137.35 37 18" RCP	A Set	PROP. 75 LF OF 18" RCP @ 1.57%	, + '6Z	20' 40 1" = 20' INLET NO. STRUCTURE - 43 PROP. TYPE C INLET STA: 10+76.05 GRATE EL: 139.68 NW INV: 135.70 18" HDPE PROP. 26 LF OF 18" HDPE \bigcirc 1 PROP. 26 LF OF 18" HDPE \bigcirc 1 PROP. 25 LF OF 2" PVC LIGHTING CO SOP. TYPE 6 INLET A: 10+53.86 R PEL: 138.92 INV: 135.45 18" HDPE INV: 135.45 18" HDPE INV: 135.45 18" RCP
PROP. 63 LF OF 18" RCP @ 1.00%		S' CONC. WALK	0 BT		0 BJ 0 BJ 0 BJ 0 G G G G 0 G G G G G 0 G G G G G G G G G G G G G G G G G G G	FOC 4 FOC 4 FOC 4 FOC 4 FOC 4 FOC 4 FOC 60 FOC 4 FOC 4 FOC 60 FOC 4 FOC 60 FOC 4 FOC 60 FOC 70 FOC 70	END CONSTRUCTION STA = 10 + 1578 10 + 59 10 +	476+00 476+00 END CONSTRUCT STAL=476+34 MEET A76+34 MEET A76+34	
INLET NO. S PROP. TYPE STA.: 471+1 EOP EL: 13 E INV: 129. OHLING RC ICMAHON 4620 E NOX, IN 46 323429080	-66.63 R 32.10 .28 18" RCP ONALD P + N JANET I	LT TEMPORARY SEDIMENT BARR	A LOS AND A LOS	GNAGY MAX A + PRISCIL P O BOX 72 HAMILTON, IN 46742 C32342908000001690		SHLANDS COUNTY BOARD OF CNTY COMM PO BOX 1926 SEBRING, FL 33871-1926 C3234290800002530 INLET NO. STRUCTURE - (537) PROP. TYPE 5 INLET STA: 9+34.28 L EOP EL: 136.74 W INV: 132.09 15" HDPE	PROP. 92 LF OF 2" PVC LIGHTING COND L 9 H 9 H 9 H 9 H 9 H 9 H 9 H 9 H	CAS W CAS	HROP 5 PROP. TYPE 5 INLET STA: 9+37.69 R EOP EL: 137.40 W INV: 131.89 15" HDPE
		PROP. 269 LF OF 18" HDPE			INDET NO. STRUCTORE 5 142 PROP. T PROP. TYPE 5 INLET STA:: 474+54.20 L STA:: 474+54.20 L EOP EL:: 137.35 EOP EL: STA:: 474+54.20 L EOP EL: SE INV: 133.37 18" HDPE N INV: 133.37 18" HDPE E INV: 1 N INV: 133.37 18" HDPE E INV: 1 S INV: 1 E INV: 133.37 18" HDPE E INV: 1 E INV: 1 SE INV: 133.37 18" HDPE E INV: 1 E INV: 1	D. STRUCTURE - 41 YPE 5 INLET 4+53.87 R 137.03 34.16 18" RCP 34.16 18" RCP 	. 178 LF OF 18" RCP @ 1.14%		134
	==== PROP. TYPE 5 INLET STA.: 471+85.05 L EOP EL: 132.39 S INV: 128.65 18" HDPE W INV: 128.65 18" RCP PROP. 63 LF OF 18" RCP @ 1.00%	<u>مراجع</u> 473+00	1 2 2 2 3 2 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4	<u>۲</u> <u>۲</u> <u>۲</u> 474+00	133.62	475+00	139.32	60 60 60 60 60 61 1 1 1 1 1 1 1 1 1 1 1 1 1	132 130 130 128 126 124 124 122 120 476+28 2.41 E:
- - - - - -	-OR BIDDING	WN BY: NIETUBICZ CKED BY: ANGFORD, JR., P.E. HARGE: ANGFORD, JR., P.E. ANGFORD, JR., P.E. APPROVED BY: JAMES	ANDS CO RING DEPA S. COMMERCE AVEN RING, FLORIDA 338 D. LANGFORD, JR., P.E. NO.: 78402	RTMENT		ROADWAY IN SEBRING PARKWA	WAY PHASE IIA IPROVEMENTS Y PLAN & PROFI to sta 476+28	N VE P	CALE: DRIZ. 1"=20' ERT. 1"=4' ROJECT NO. RE 17062 C SHEET 23 OF 48

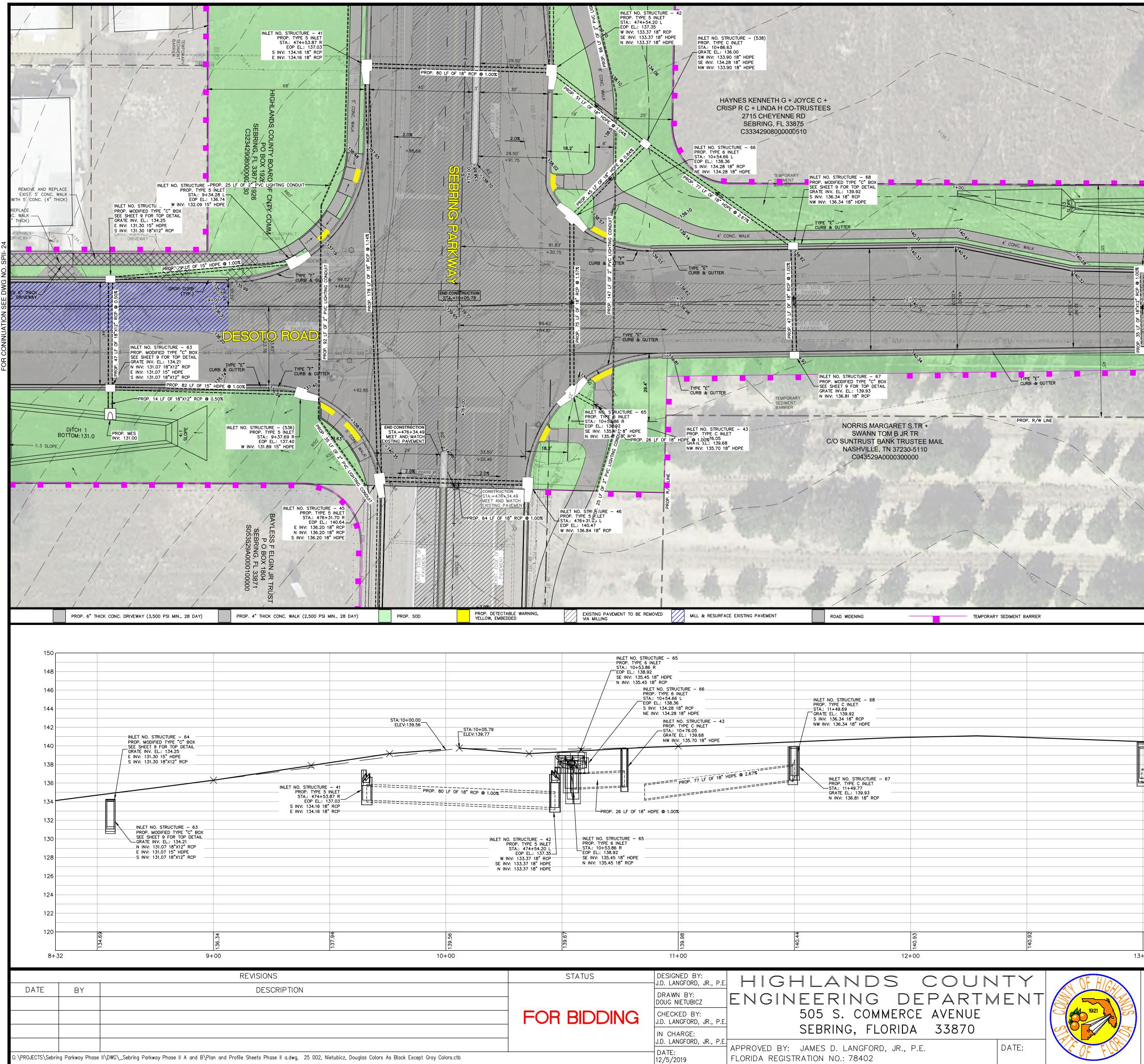






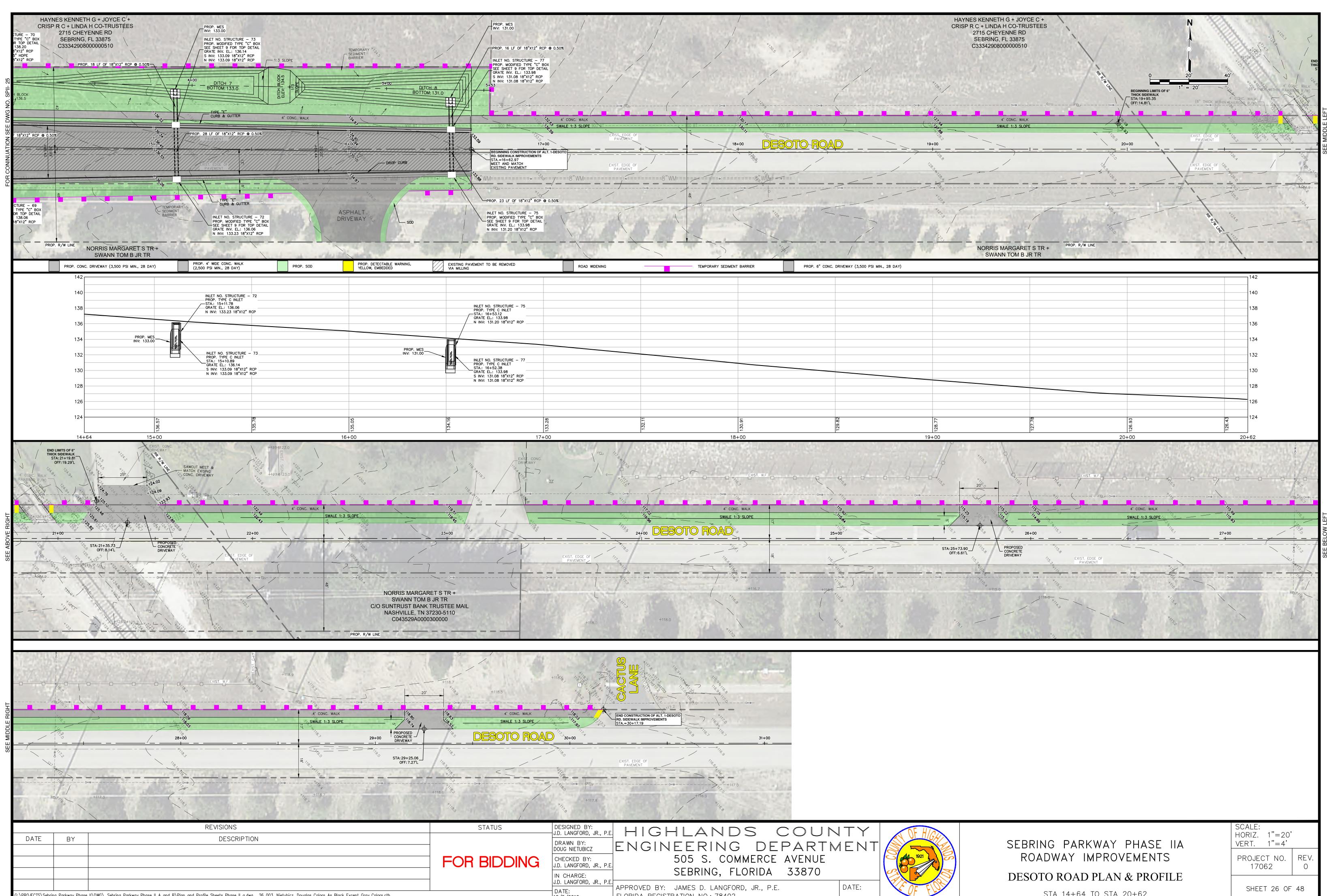
			INLET NO. STRUCTURE – 54 PROP. MODIFIED TYPE "C" BOX	
			GRATE INV. EL.: 126.25	
			N INV: 125.00 18"X12" RCP	
			INLET NO. STRUCTURE – 55	
			PROP. MODIFIED TYPE "C" BOX SEE SHEET 9 FOR TOP DETAIL	
			GRATE INV. EL.: 127.58 N INV: 125.07 18"X12" RCP	
			S INV: 125.07 18 X12 RCP	
m	N	N	(M	
126.78	27.0	7.37	27.9	8.50
	<u> </u>	2		12
4+00	+c	+00	b	+00
STATUS	DESIGNED BY:			
	J.D. LANGFORD, JR., P.E.	HGHLAN	JS UUU	
	DRAWN BY:	GINEERIN	<u> </u>	
	DOUG NIETUBICZ			
FOR BIDDING	CHECKED BY:	505 S. CC	MMERCE AVENUE	
	J.D. LANGFORD, JR., P.E.			
	IN CHARGE:	SEBRING, I	FLORIDA 33870	
	J.D. LANGFORD, JR., P.E.			

HORIZ. 1"=20' VERT. 1"=4'	
PROJECT NO. 17062	REV. O



	ETH G + JOYCE C + DA H CO-TRUSTEES				20' 40'
	TEMPORARY S. MENT PROP. MODIFIED TYPE "C" BOX		INLET NO. STRUCTURE - (540) PROP. MODIFIED TYPE "C" BOX SEE SHEET 9 FOR TOP DETAIL GRATE INV. EL: 140.38 S INV: 136.17 18"X12" RCP E INV: 136.17 15" HDPE 2+00	PROP. MES INV: 135.00 INLET NO. STRUCTUR PROP. MODIFIED TYP SEE SHEET 9 FOR T GRATE INV. EL: 138 S INV: 135.10 18"X1: W INV: 135.10 18"X1: W INV: 135.10 18"X1:	E "C" BOX OP DETAIL .20 2" RCP IDPE
CURB & GUTTER 10000 SOULHOIT SALE 11+00 1	TYPE "E" GUTTER	хіло ял 4' СОЛС. WALK 55 ОНШ В. ОНШ	PROP. 20 LF OF OHW PROP. 20 LF OF OHW PROP. 102 LF OF 15" HDPE @ 1.05% PROP. 102 LF OF 15" HDPE @ 1.05% OHW CURB & GUTTER CURB & GUTTER	18"X12" RCP @ 0.50% DITCH BL DITCH BL LEV, 130 0HW 1:3 SLOPE PROP. 32 LF OF 18 SCAVE MERL 14 00 1:3 SLOPE	6.5
PS-6-2' FG4.81 TYPE "F" CURB & CUTTER TYPE "E" CURB & CUTTER TYPE "E" CURB & CUTTER TYPE "E" CURB & CUTTER NILET NO, STRUCTURE – 65 PROP. TYRE 6 INLET STA:: 10+58/86 R EOP EL:: 138/92 SF IL 138/92	NORRIS MARGARET S.TR + SWAW BAYENT BARRIER NORRIS MARGARET S.TR + SWANN TOM B JR TR C/O SUNTRUST BANK TRUSTEE MAIL NASHVILLE, TN 37230-5110 C043529A0000300000	TYPE "E" CURBON&' GUTTER PROP. R/W LINE	INLET NO. STRUCTURE - (539) PROP. MODIFIED TYPE "C" BOX SEE SHEET 9 FOR TOP DETAIL GRATE INV. EL.: 139.88 N INV: 136.52 18"X12" RCP	CHARLEN TO AVENENT OF AVENT OF AVENENT OF AVENT OF AVENENT OF AVENT OF AVENT OF AVENENT OF AVENENT	PE "C" BOX TOP DETAIL 3.06
TABLE WARNING,				XIJO.O	
EDDED WA MILLING INLET NO. STRUCTURE - 65 PROP. TYPE 6 INLET STA:: 10+53.86 R EOP EL: 138.92 SE INV: 135.45 18" HDPE N INV: 135.45 18" RCP INLET NO. STRUCTURE - 66 PROP. TYPE 6 INLET STA:: 10+54.66 L STA:: 10+54.66 L SINV: 134.28 18" RCP N INV: 135.45 18" RCP INLET NO. STRUCTURE - 66 PROP. TYPE 6 INLET STA:: 10+54.66 L STA:: 10+54.66 L SINV: 134.28 18" RCP NE INV: 134.28 18" HDPE NILET NO. STRUCTURE - 43 PROP. TYPE C INLET STA:: 10+76.05 GRATE EL: 139.68 NW INV: 135.70 18" HDPE	ENT ROAD WIDENING	TEMPORARY SEDIMENT BARRIER	E INV: 136.17 15" HDPE S INV	: 135.10 18"X12" RCP	.91
NO. STRUCTURE - 42 INLET NO. STRUCTURE - 65 PROP. TYPE 5 INLET STA: 10+53.86 R EOP EL: 137.35 EOP EL: 138.92 / INV: 133.37 18" HDPE NINV: 135.45 18" HDPE	=====		INLET NO. STRUCTURE - (539) PROP. MODIFIED TYPE "C" BOX SEE SHEET 9 FOR TOP DETAIL GRATE INV. EL: 139.88 N INV: 136.52 18"X12" RCP	PROP. MES INV: 135.00	138 136 136 134 132 130 128 126
Image: Status Image: Designed BY: Image: Status Image: Designed BY: J.D. LANGFORD, JR., P.E. Image: Designed BY:			13+00	14+00	124 122 122 120 <u>120</u> 120 14+64 SCALE:
FOR BIDDING IN CHARGE: J.D. LANGFORD, JR., P.E. DATE: DRAWN BY: DOUG NIETUBICZ CHECKED BY: J.D. LANGFORD, JR., P.E. APPROVED	GHLANDS CO SINEERING DEPA 505 S. COMMERCE AVE SEBRING, FLORIDA 338 D BY: JAMES D. LANGFORD, JR., P.E. REGISTRATION NO.: 78402	RTMENT	SEBRING PARKV ROADWAY IM DESOTO ROAD P STA 8+32 TC	PROVEMENTS PLAN & PROFILE	HORIZ. 1"=20' VERT. 1"=4' PROJECT NO. REV. 17062 0 SHEET 25 OF 48

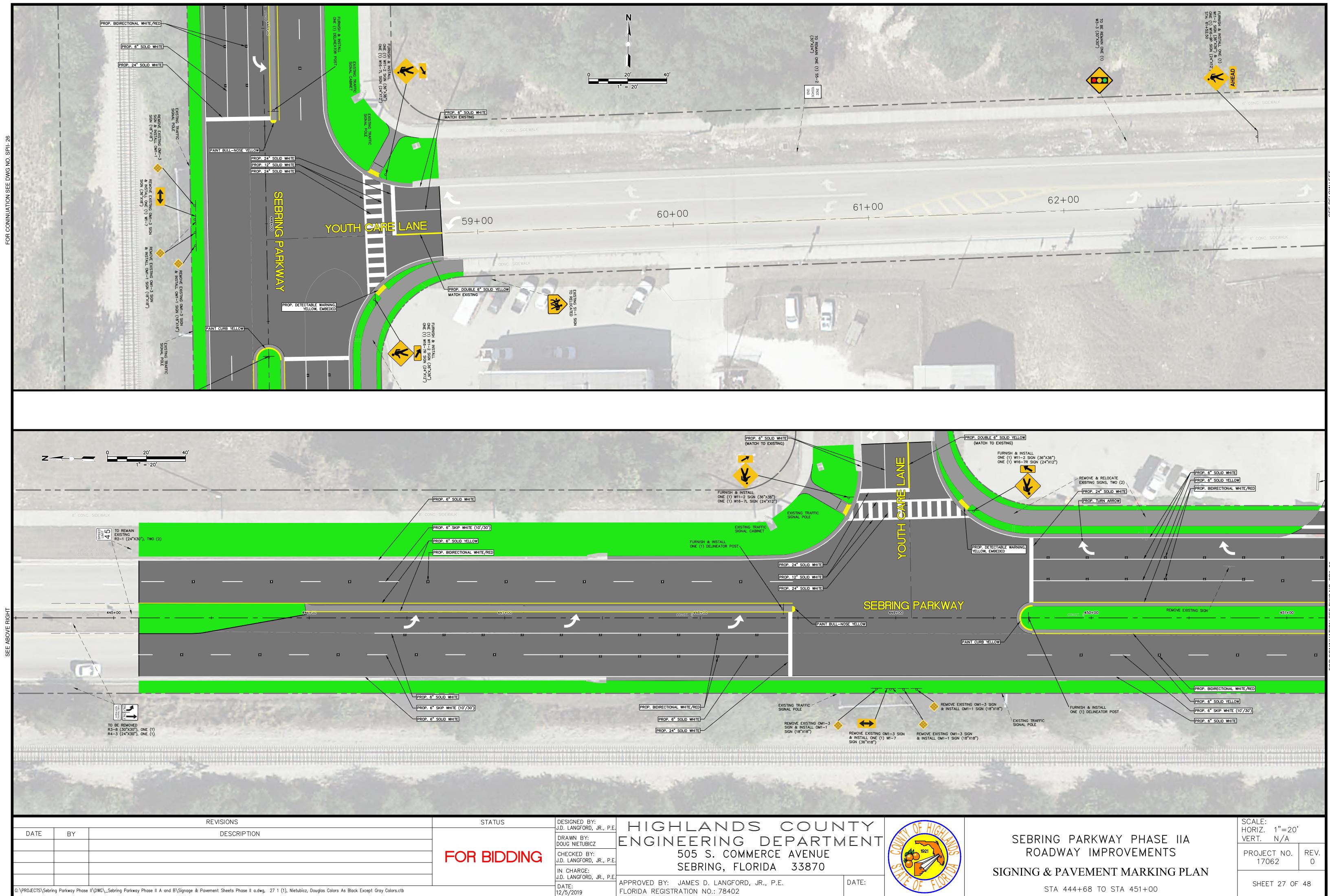
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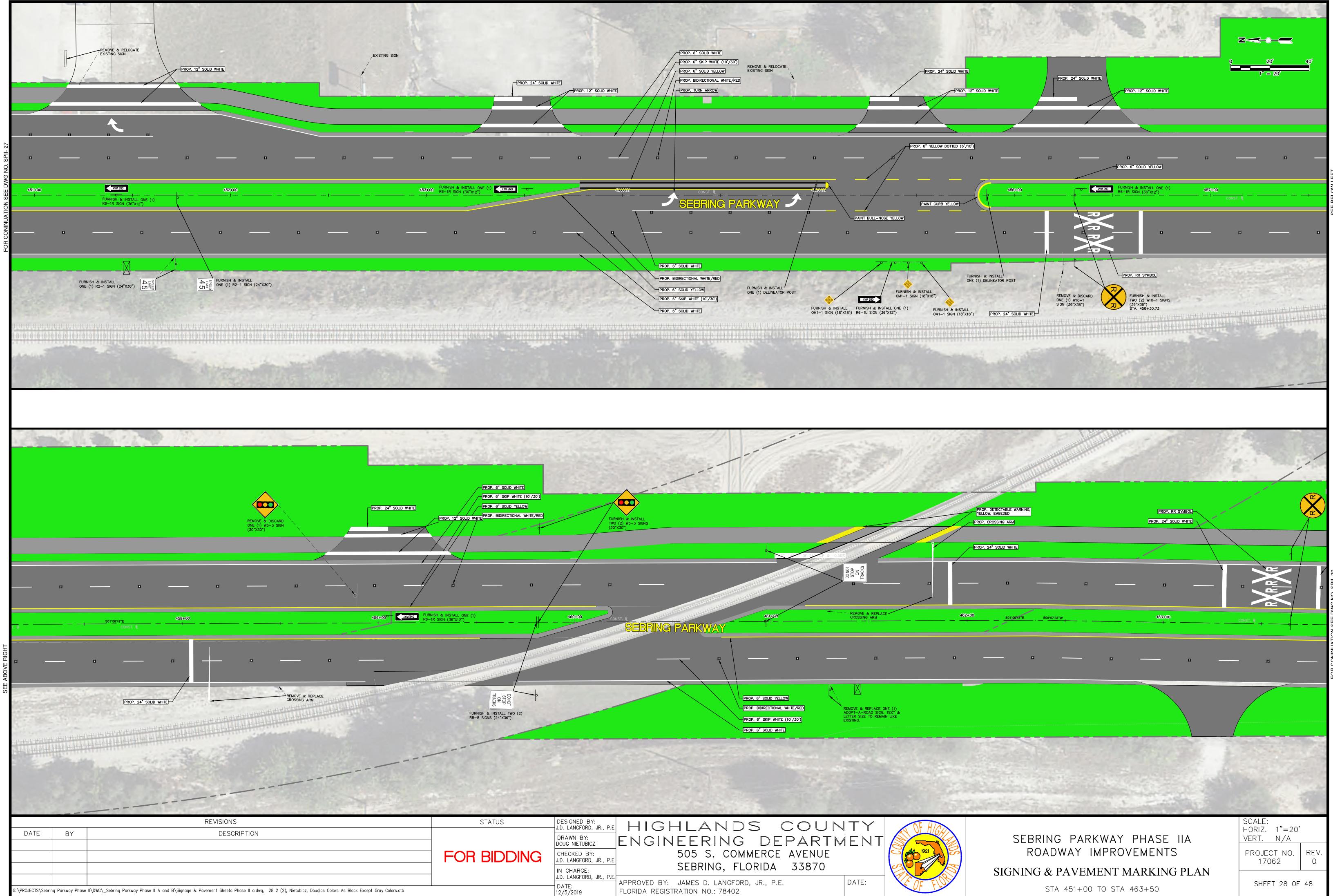
: \PROJECTS \Sebring Parkway Phase II \DWG _Sebring Parkway Phase II A and B \Plan and Profile Sheets Phase II a.dwg, 26 003, Nietubicz, Douglas Colors As Black Except Gray Colors.ctb

STATUS	DESIGNED BY: J.D. LANGFORD, JR., P.E.	HIGHLANDS COUN		
		ENGINEERING DEPARTM		
FOR BIDDING	CHECKED BY: J.D. LANGFORD, JR., P.E.	505 S. COMMERCE AVENUE		
	IN CHARGE: J.D. LANGFORD, JR., P.E.	SEBRING, FLORIDA 33870		
	DATE: 12/5/2019	APPROVED BY: JAMES D. LANGFORD, JR., P.E. FLORIDA REGISTRATION NO.: 78402	DATE:	

STA 14+64 TO STA 20+62

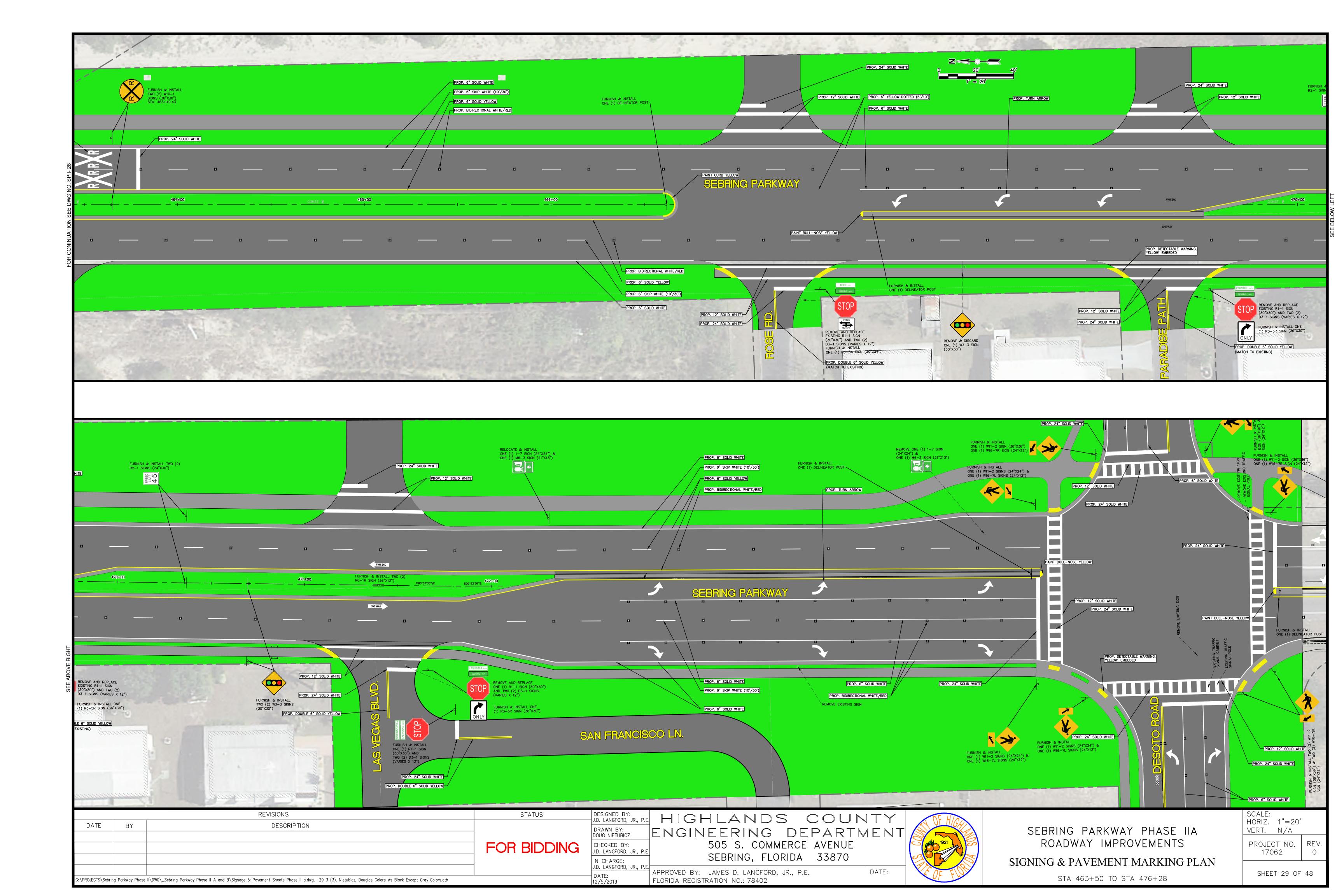


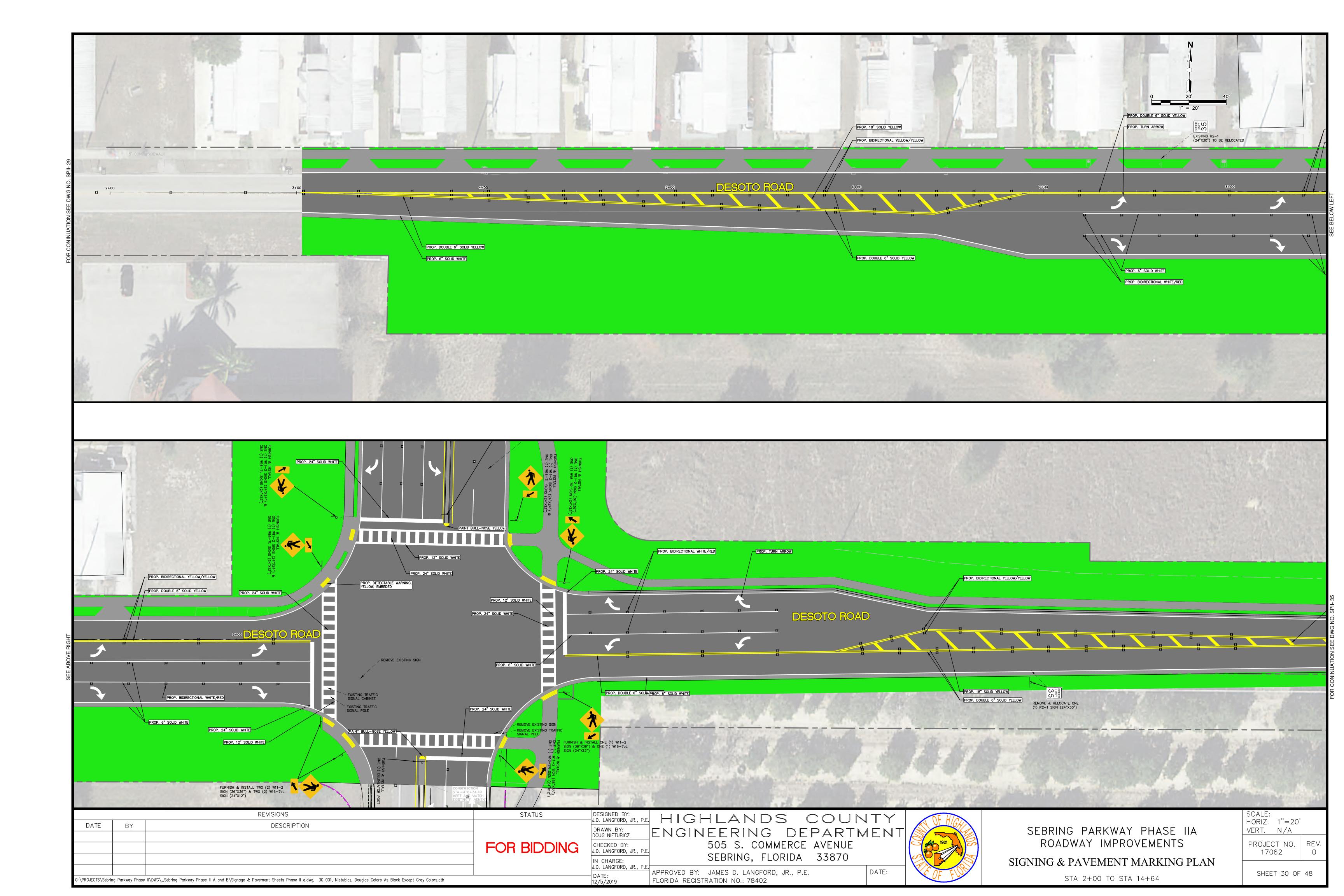
STA 444+68 TO STA 451+00

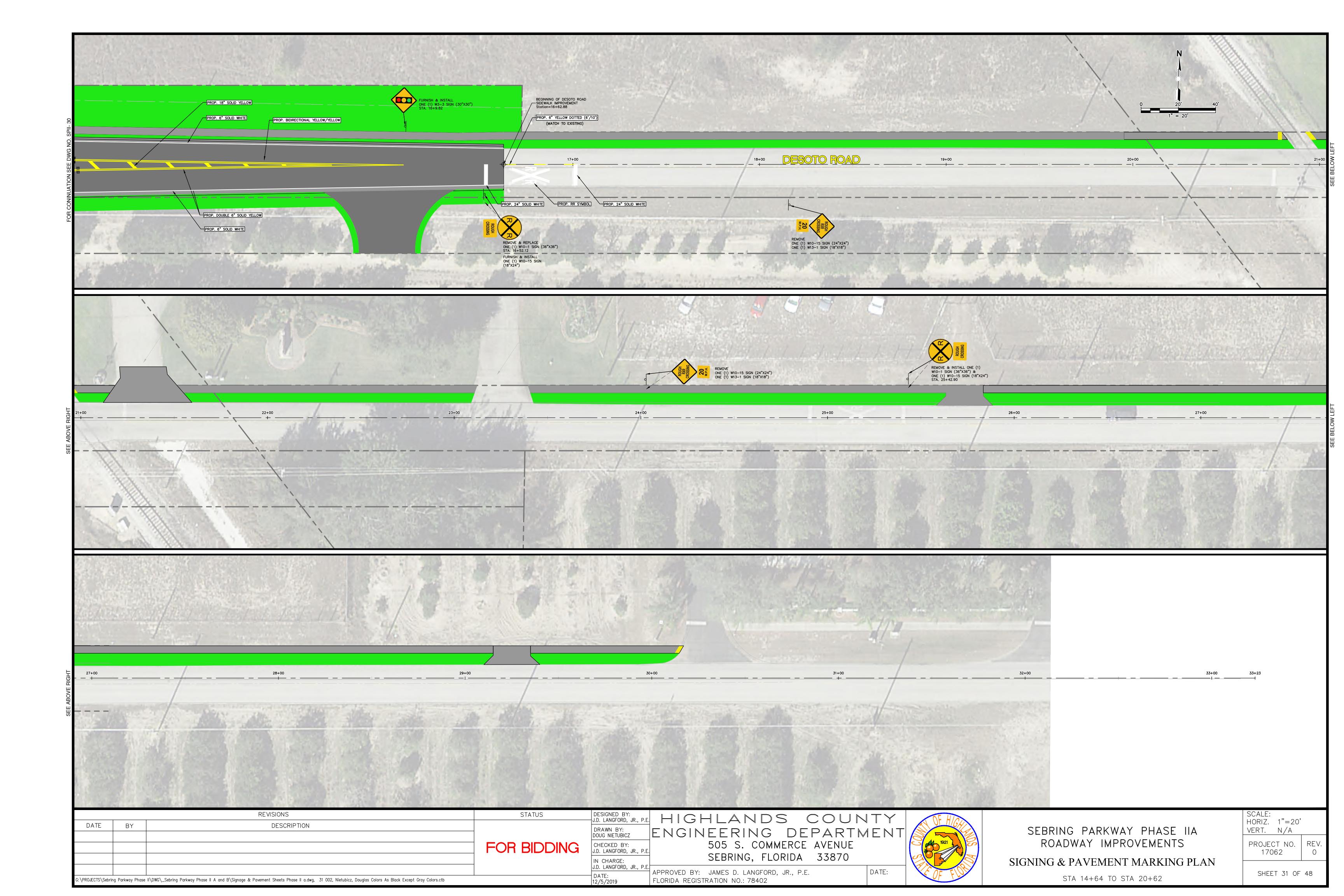


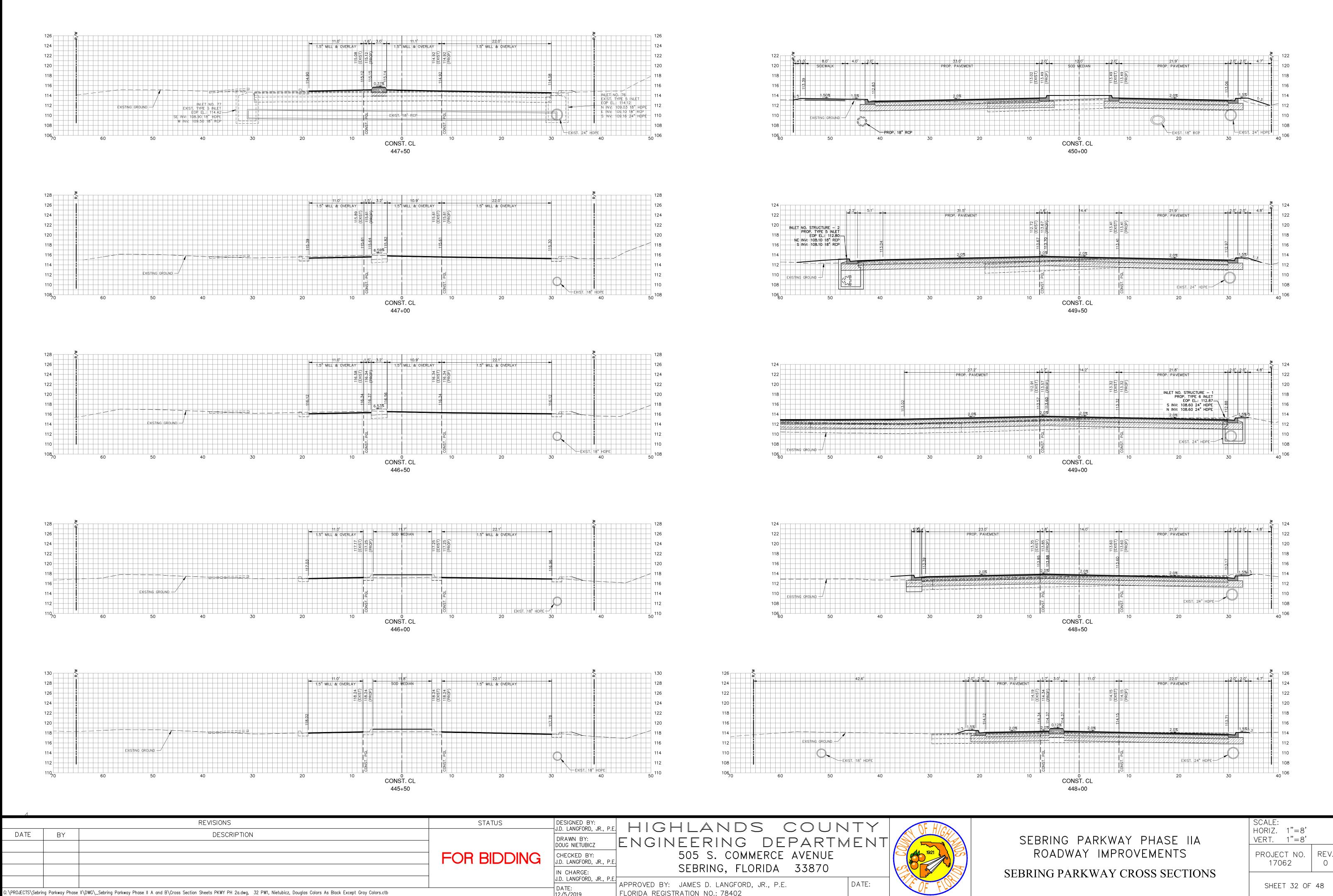
:\PROJECTS\Sebring Parkway Phase II\DWG_Sebring Parkway Phase II A and B\Signage & Pavement Sheets Phase II a.dwg, 28 2 (2), Nietubicz, Douglas Colors As Black Except Gray Colors.ctb

A SUL	SEBRING PARKWAY PHASE IIA ROADWAY IMPROVEMENTS	SCALE: HORIZ. 1"=20' VERT. N/A PROJECT NO. 17062	REV. O
	SIGNING & PAVEMENT MARKING PLAN		
	STA 451+00 TO STA 463+50	SHEET 28 OF	48

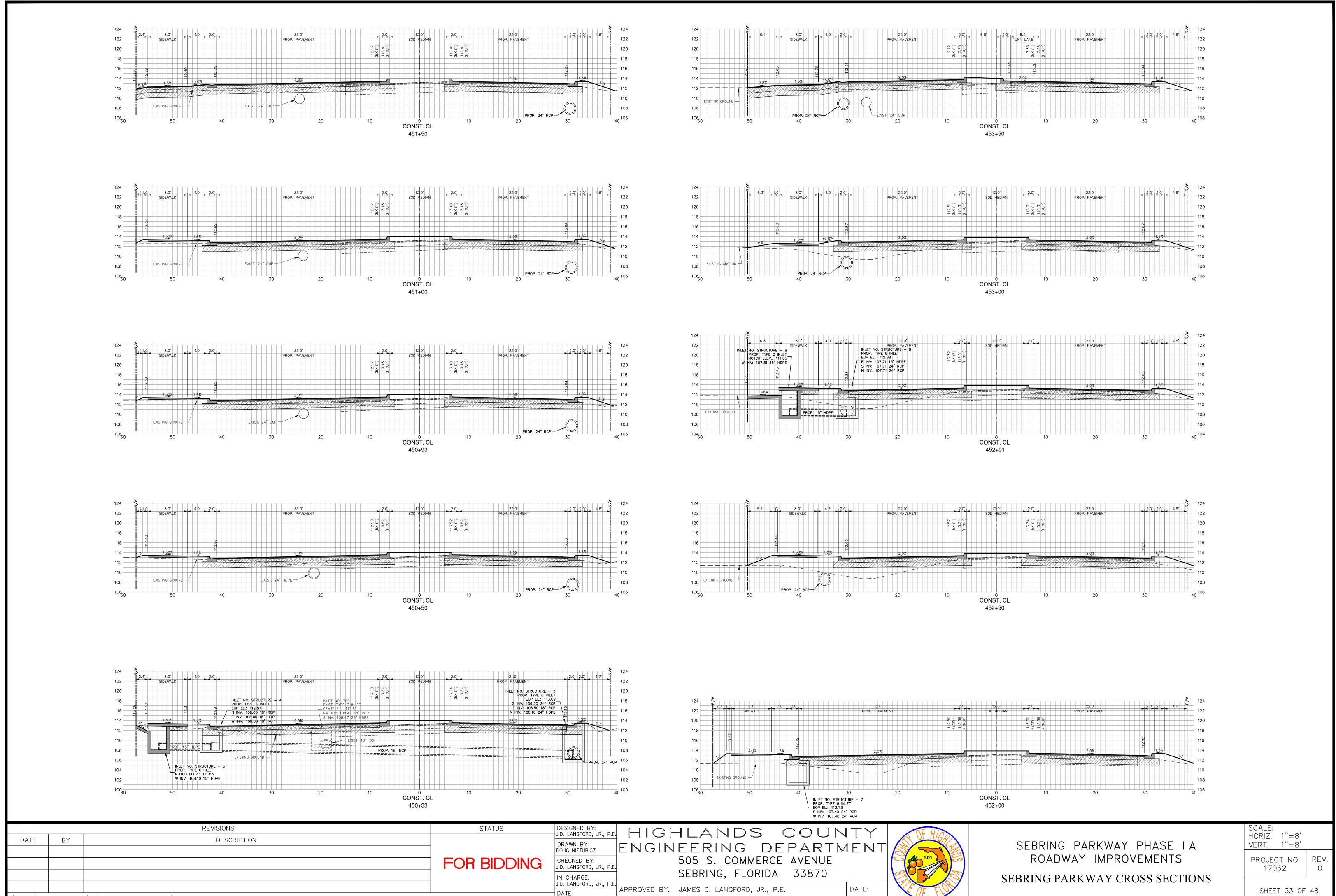








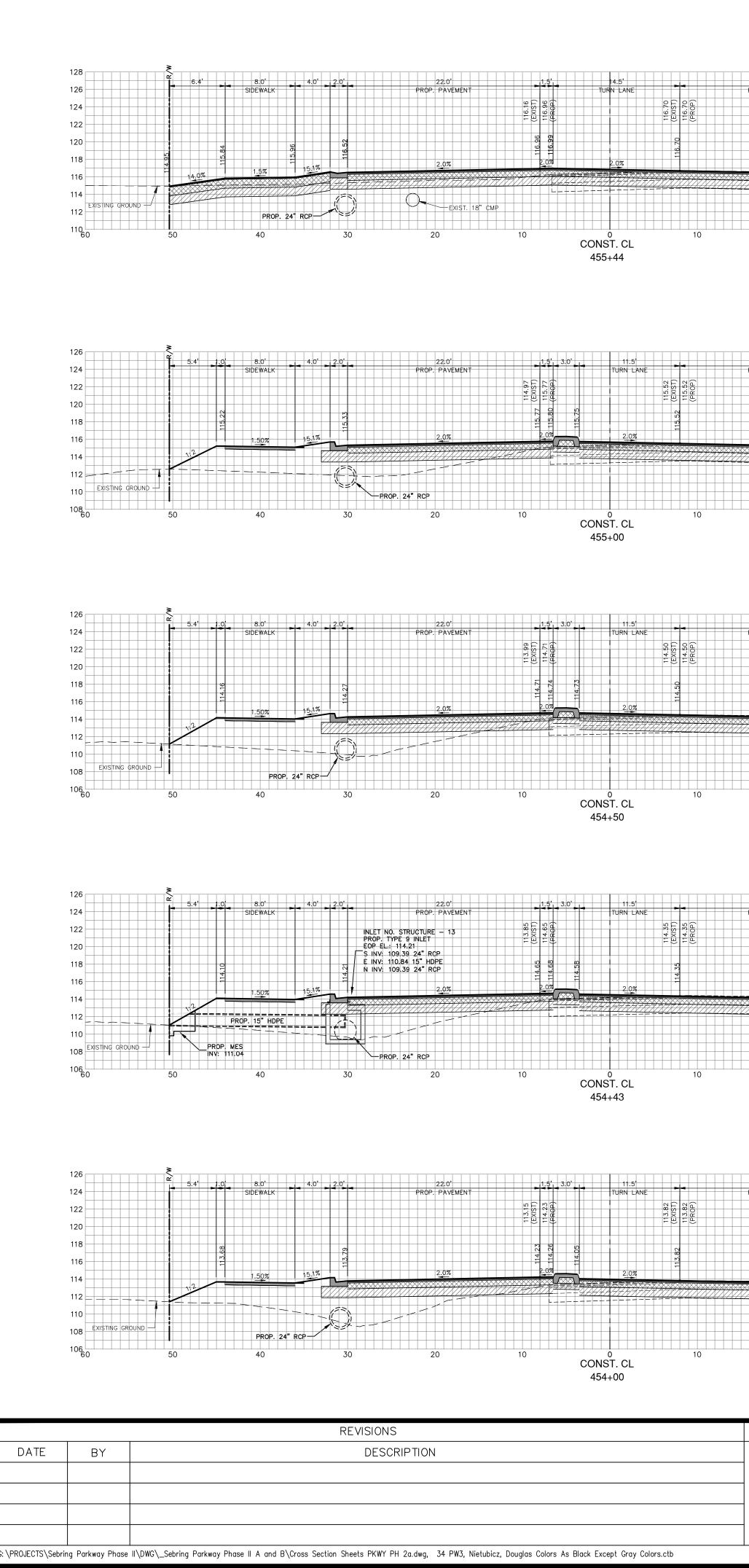
STATUS	DESIGNED BY:	HIGHLANDS COUNT	\checkmark
FOR BIDDING	DRAWN BY: DOUG NIETUBICZ CHECKED BY: J.D. LANGFORD, JR., P.E. IN CHARGE:	ENGINEERING DEPARTMEN 505 S. Commerce avenue sebring, florida 33870	
	J.D. LANGFORD, JR., P.E.	APPROVED BY: JAMES D. LANGFORD, JR., P.E. DATE	:
	DATE: 12/5/2019	FLORIDA REGISTRATION NO.: 78402	



FLORIDA REGISTRATION NO.: 78402

12/5/2019

:\PROJECTS\Sebring Parkway Phase II\DWG_Sebring Parkway Phase II A and B\Cross Section Sheets PKWY PH 2a.dwg, 33 PW2, Nietubicz, Douglas Colors As Black Except Gray Colors.ctb



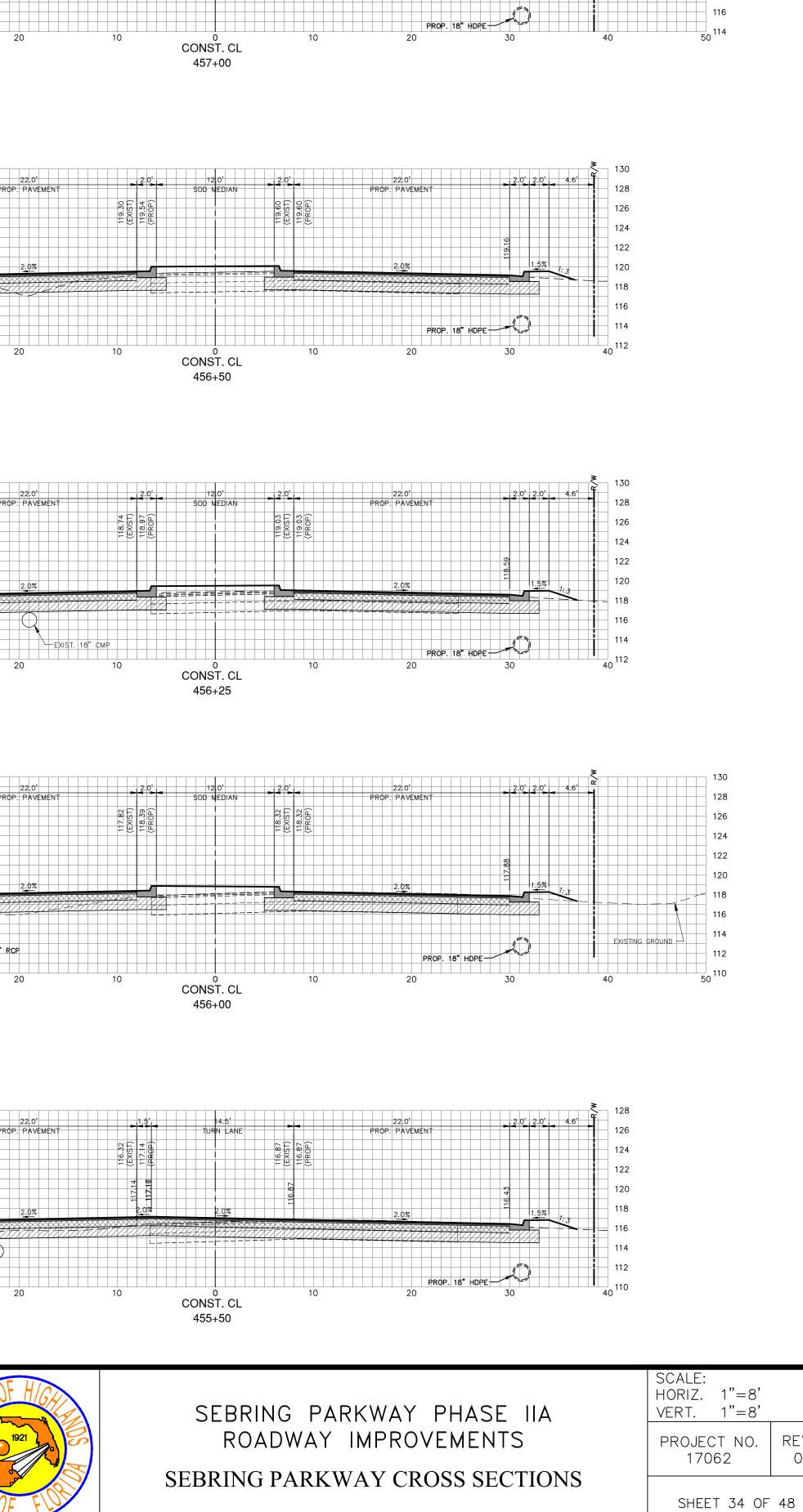
PROP. PAVEMENT	128 126 124 122 120 118 116 114 112 0	132 130 128 126 124 122 120 118 116 114 80 70	60	50	1.0 SIDEWALK SIDEWALK 1.50% PROP. 24" R 40		22:0' PROP. PAVEMENT
PROP. PAVEMENT	126 124 122 120 118 116 114 112 110 0 ¹ 08	130 128 126 124 120 118 EXISTING GROUND 118 116 114 112 30 70	60	50	8.0' SIDEWALK		22:0' PROP. PAVEMENT
PROP. PAVEMENT	126 124 122 120 118 116 114 112 110 108 0 ¹	130 128 126 124 122 120 118 116 EXISTING GROUND 114 112 80 70	26.4 [*]	50	8.0' SIDEWALK 0.0 SIDEWALK 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.		22:0' PROP. PAVEMENT
PROP. PAVEMENT	126 124 122 120 118 116 114 112 110 108 0	130 128 126 124 122 120 118 116 114 EXISTING GROUND 110 0 70	26.4 ²	50	8.0' SIDEWALK 0 0 0 0 0 0 0 0 0 0 0 0 0	1.5%	22:0' PROP. PAVEMENT
22.0' PROP. PAVEMENT 2.02 2	126 124 122 120 118 116 114 112 110 108 0		128 126 124 124 122 120 120 120 118 116 114 114 112 EXISTING GROUND 110 0	6.4' 6.4' 13.2%	8.0' SIDEWALK 0 1.5% 0 1.5% 0 PROP. 24 40	4.0° 2.0° 15.1% RCP EXIST. 30	22:0' PROP. PAVEMENT 2.0% 2.0% 2.0% 2.0% 2.0% 2.0% 2.0% 2.0%
STATUS	DESIGNED BY: J.D. LANGFORD, JR., P.E. DRAWN BY:	HIGHLA					SE HGRO

STATUS	DESIGNED BY: J.D. LANGFORD, JR., P.E.	HIGHLANDS COUNT	TY			
	DRAWN BY: DOUG NIETUBICZ	ENGINEERING DEPARTME	ENT			
FOR BIDDING	CHECKED BY: J.D. LANGFORD, JR., P.E	505 S. COMMERCE AVENUE				
	IN CHARGE: J.D. LANGFORD, JR., P.E.	SEBRING, FLORIDA 33870				
	DATE: 12/5/2019	APPROVED BY: JAMES D. LANGFORD, JR., P.E. D. FLORIDA REGISTRATION NO.: 78402	PATE:			
	12/3/2019					



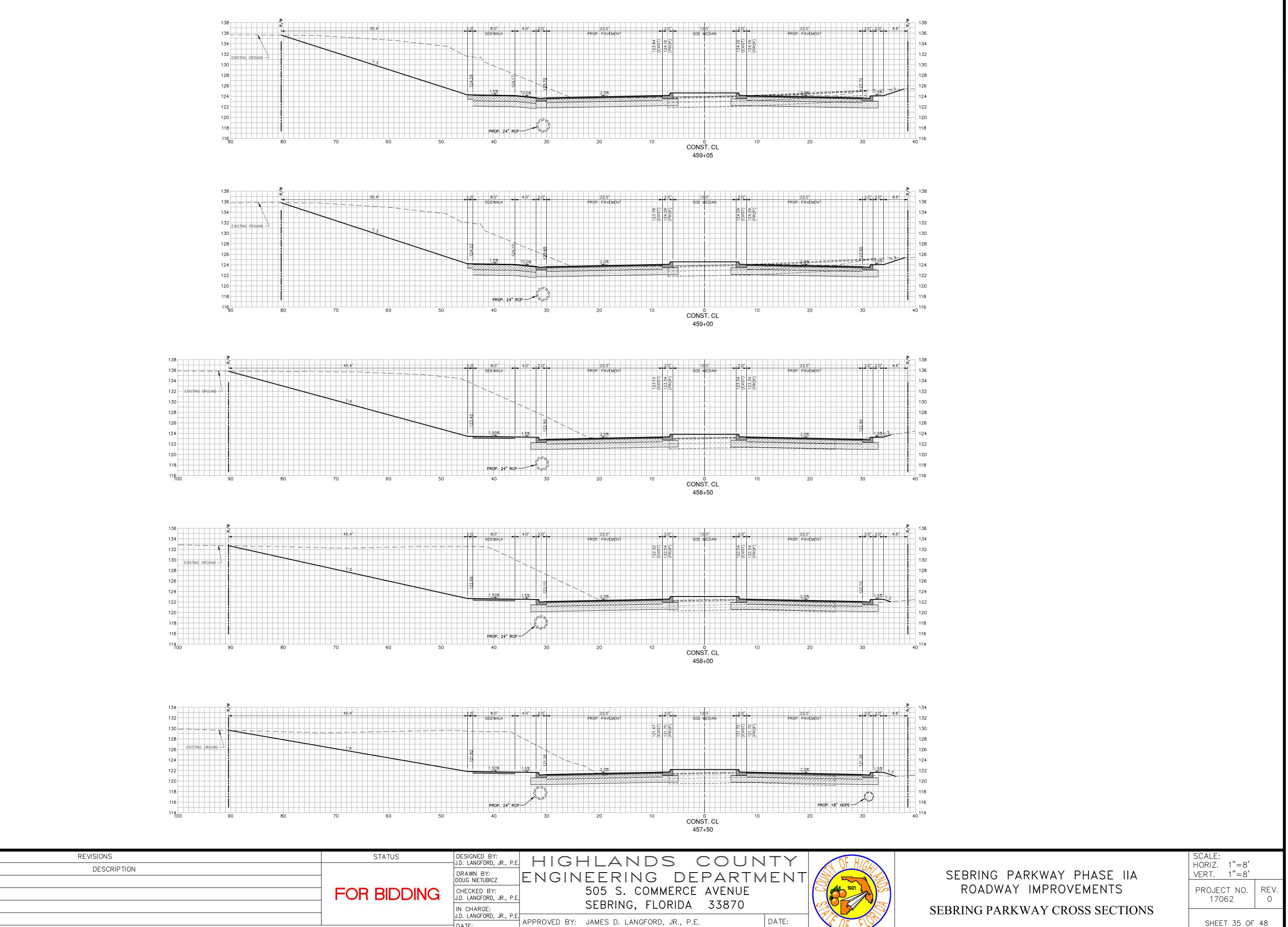
SCALE: HORIZ. VERT.	1"=8' 1"=8'	
PROJEC 170		REV. O

EXISTING GROUND



22.0'

2.0' 2.0' 4.6'

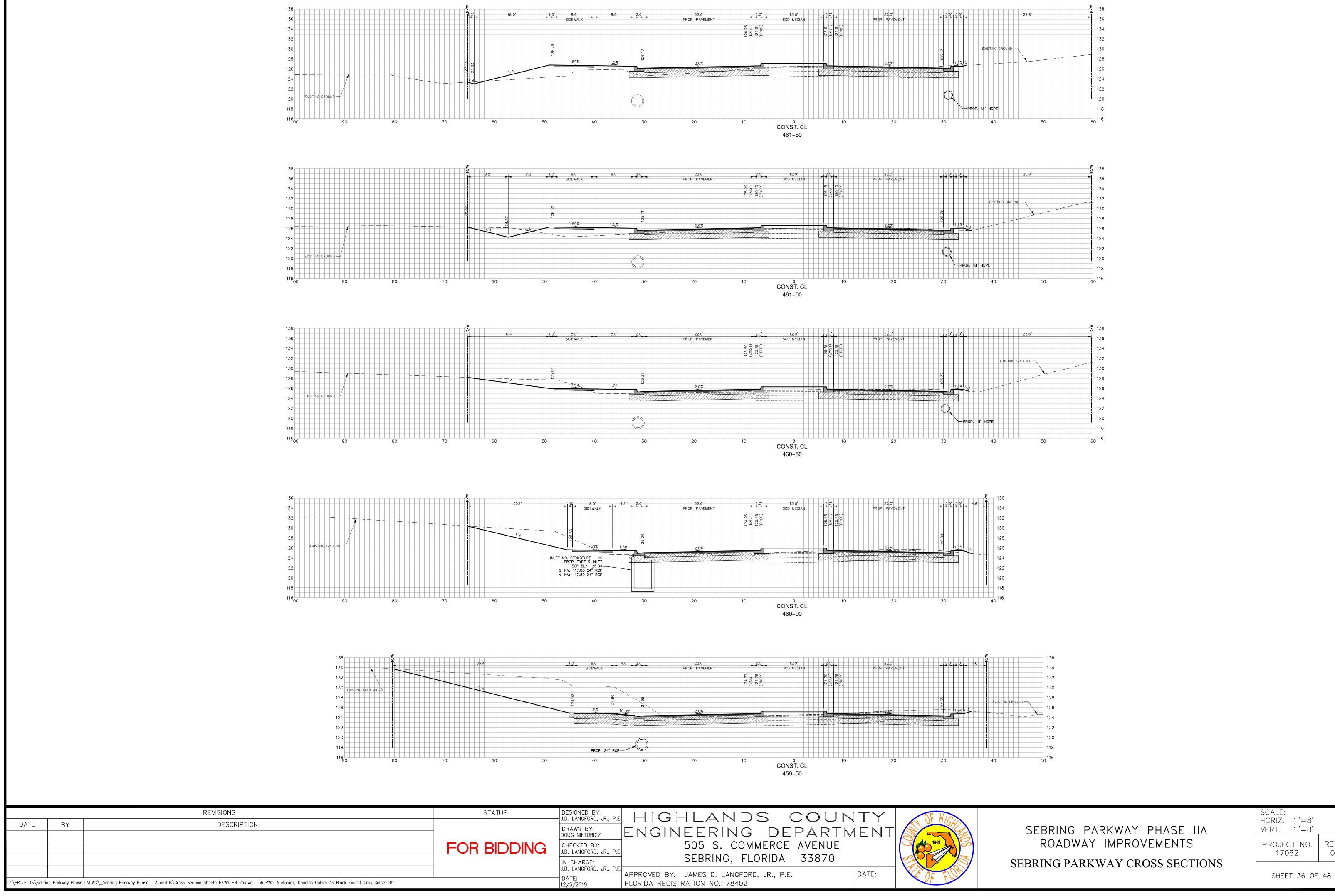


DATE: 12/5/2019

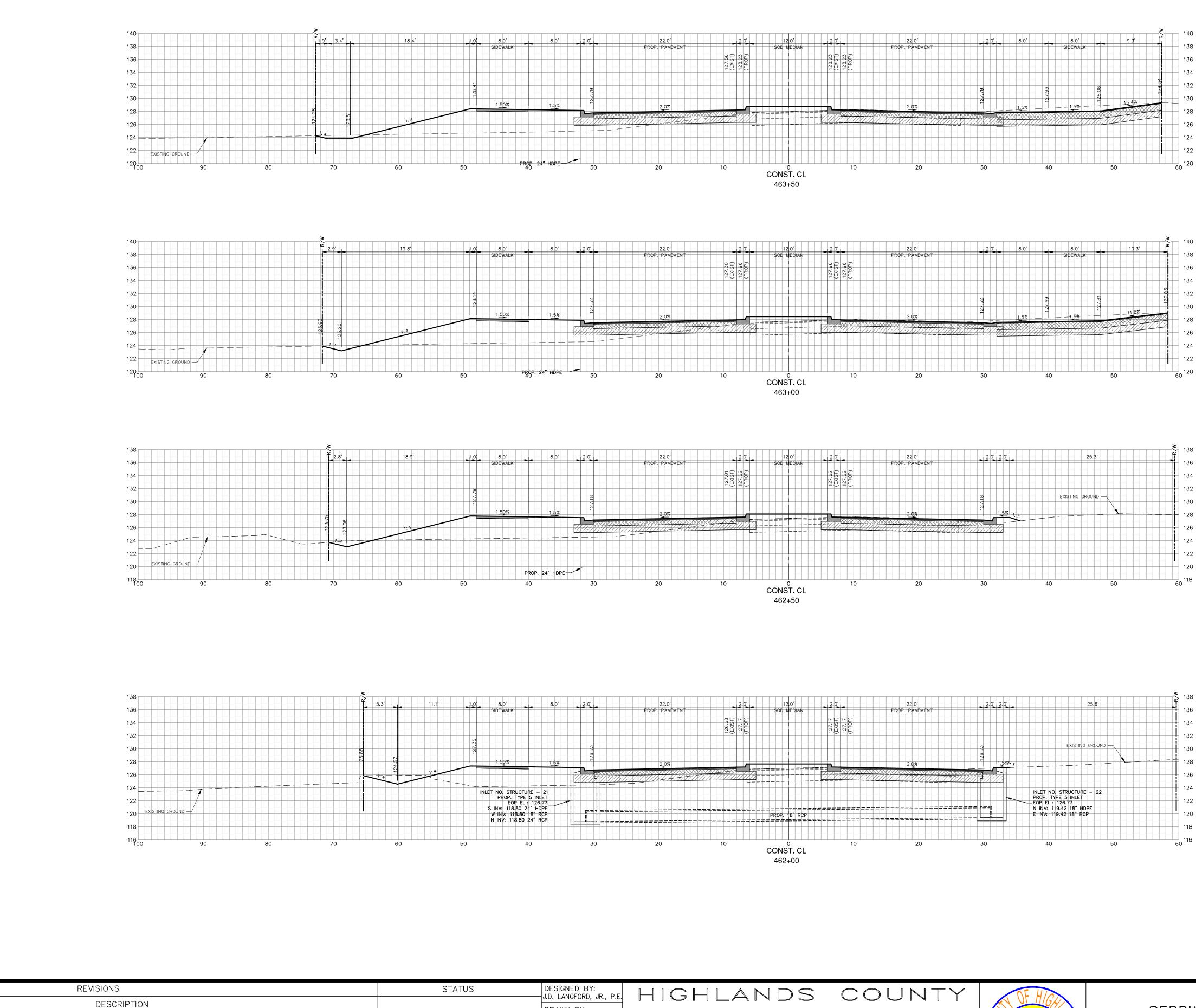
FLORIDA REGISTRATION NO.: 78402

		REVISIONS			
DATE	BY	DESCRIPTION			
G: \PROJECTS\Sebring Parkway Phase II\DWG_Sebring Parkway Phase II A and B\Cross Section Sheets PKWY PH 2a.dwg, 35 PW4, Nietubicz, Douglas Colors As Black Except Gray Colors.ctb					

SHEET 35 OF 48



SCALE: HORIZ. 1"=8' VERT. 1"=8'	
PROJECT NO. 17062	REV. O



		REVISIONS
DATE	ΒY	DESCRIPTION
G: \PROJECTS\Sebrir	ng Parkway Phase	II\DWG_Sebring Parkway Phase II A and B\Cross Section Sheets PKWY PH 2a.dwg, 37 PW6, Nietubicz, Douglas Colors As Black Except Gray Colors.ctb

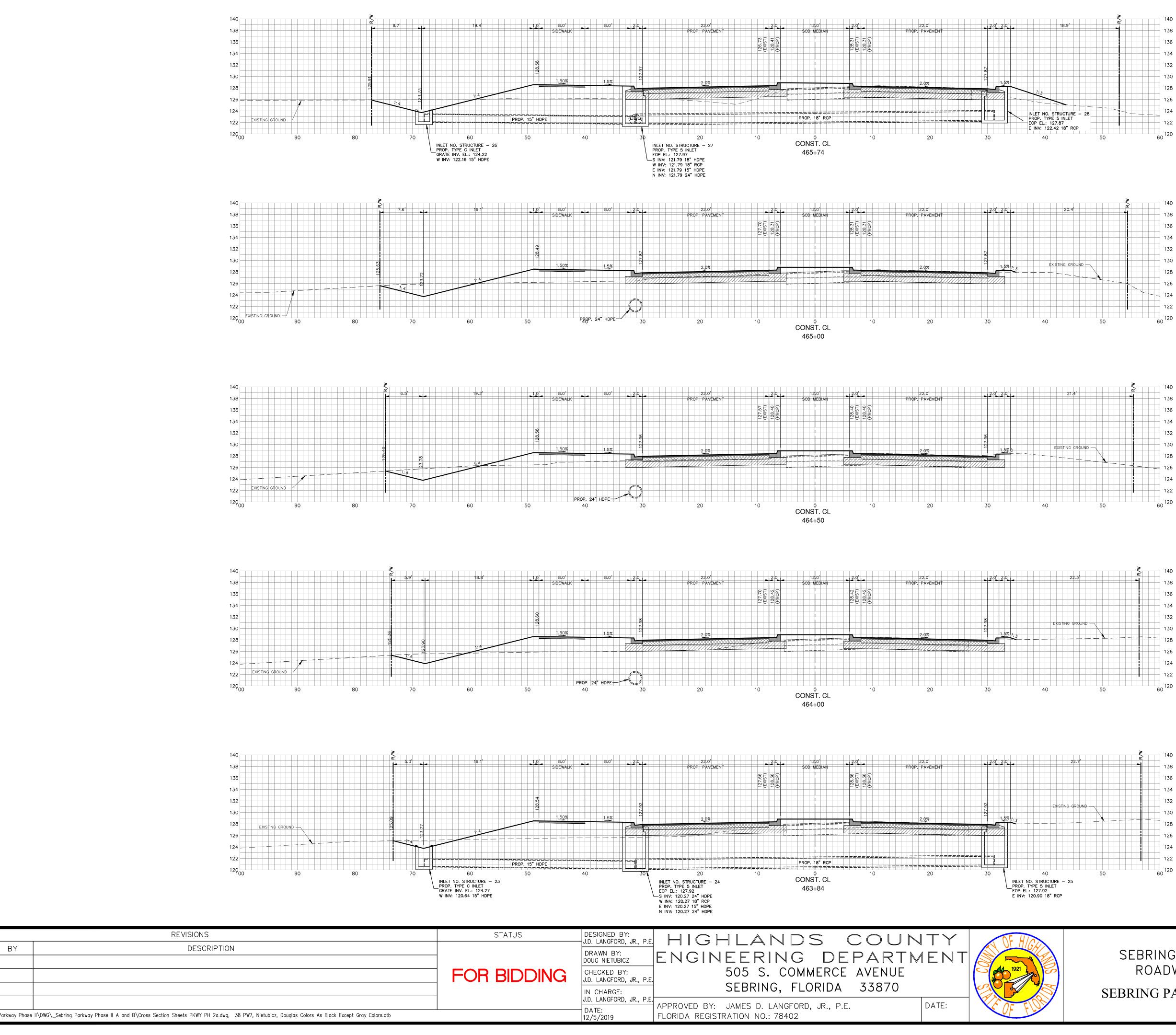




SEBRING PARKWAY PHASE IIA ROADWAY IMPROVEMENTS SEBRING PARKWAY CROSS SECTIONS

SCALE: HORIZ. 1"=8' VERT. 1"=8'	
PROJECT NO. 17062	REV. O

SHEET 37 OF 48



:\PROJECTS\Sebring Parkway Phase II\DWG_Sebring Parkway Phase II A and B\Cross Section Sheets PKWY PH 2a.dwg, 38 PW7, Nietubicz, Douglas Colors As Black Except Gray Colors.ctb

DATE

SEBRING PARKWAY PHASE IIA ROADWAY IMPROVEMENTS SEBRING PARKWAY CROSS SECTIONS

1.36

1.34

1.30

1.38

1.30

60¹²⁰

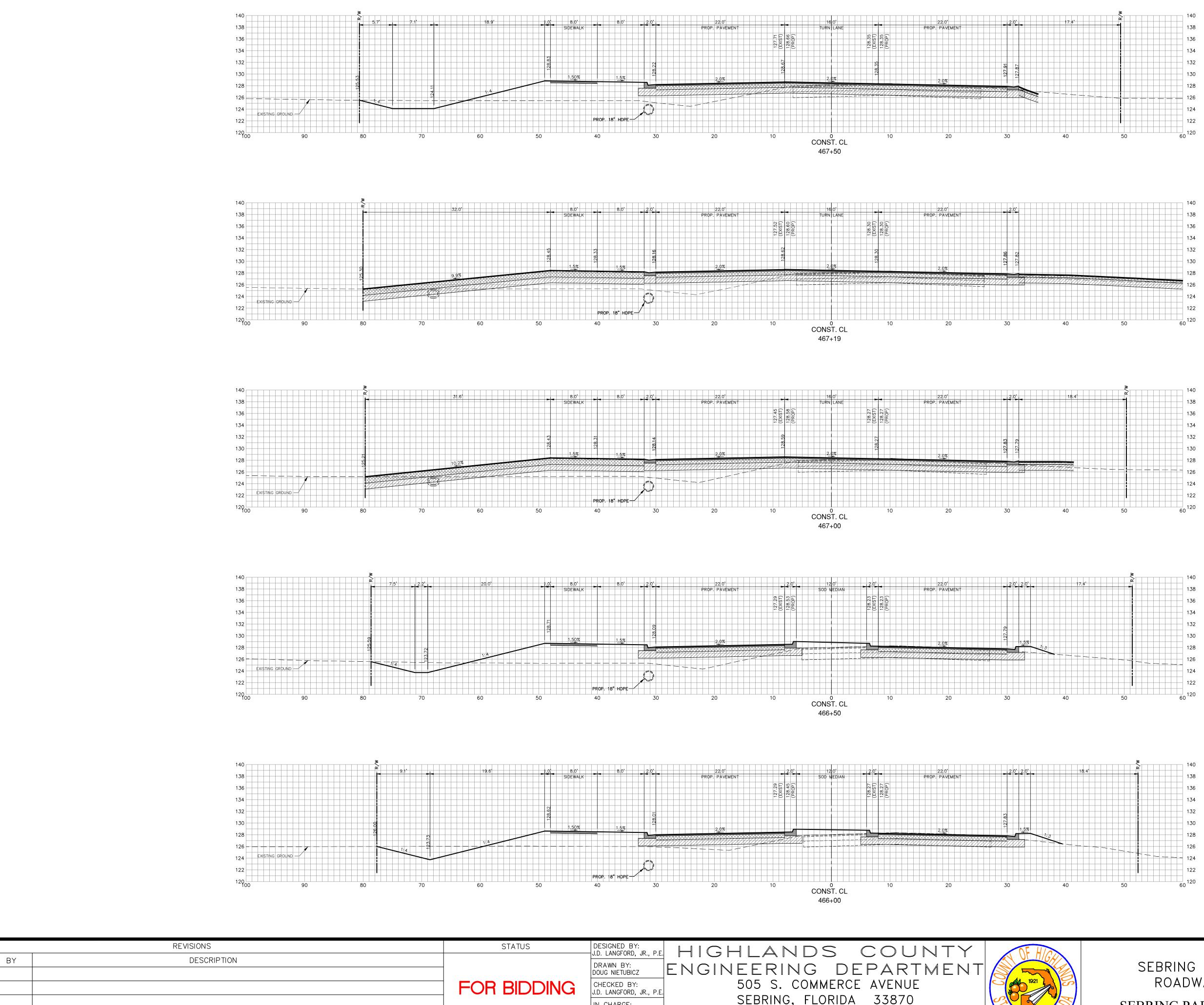
1.34

1.32

60 120

PROJECT NO. REV. 17062 0	SCALE: HORIZ. VERT.	1"=8' 1"=8'	
			REV. O

SHEET	38	OF	48
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:\PROJECTS\Sebring Parkway Phase II\DWG_Sebring Parkway Phase II A and B\Cross Section Sheets PKWY PH 2a.dwg, 39 PW8, Nietubicz, Douglas Colors As Black Except Gray Colors.ctb

DATE

STATUS	DESIGNED BY: J.D. LANGFORD, JR., P.E.	E HIGHLANDS COUNTY	<u> </u>
	DRAWN BY: DOUG NIETUBICZ CHECKED BY: J.D. LANGFORD, JR., P.E. IN CHARGE:	ENGINEERING DEPARTMENT 505 S. COMMERCE AVENUE SEBRING, FLORIDA 33870	
	J.D. LANGFORD, JR., P.E. DATE: 12/5/2019	. <u>e.</u> APPROVED BY: JAMES D. LANGFORD, JR., P.E. FLORIDA REGISTRATION NO.: 78402	VE OF



SEBRING PARKWAY PHASE IIA ROADWAY IMPROVEMENTS SEBRING PARKWAY CROSS SECTIONS

SCALE: HORIZ. 1"=8' VERT. 1"=8'	
PROJECT NO. 17062	REV. O

	× ×	140
18.4		138
		136
		134
		132
		130
		128
		126
		124
		122
40	50	60 120

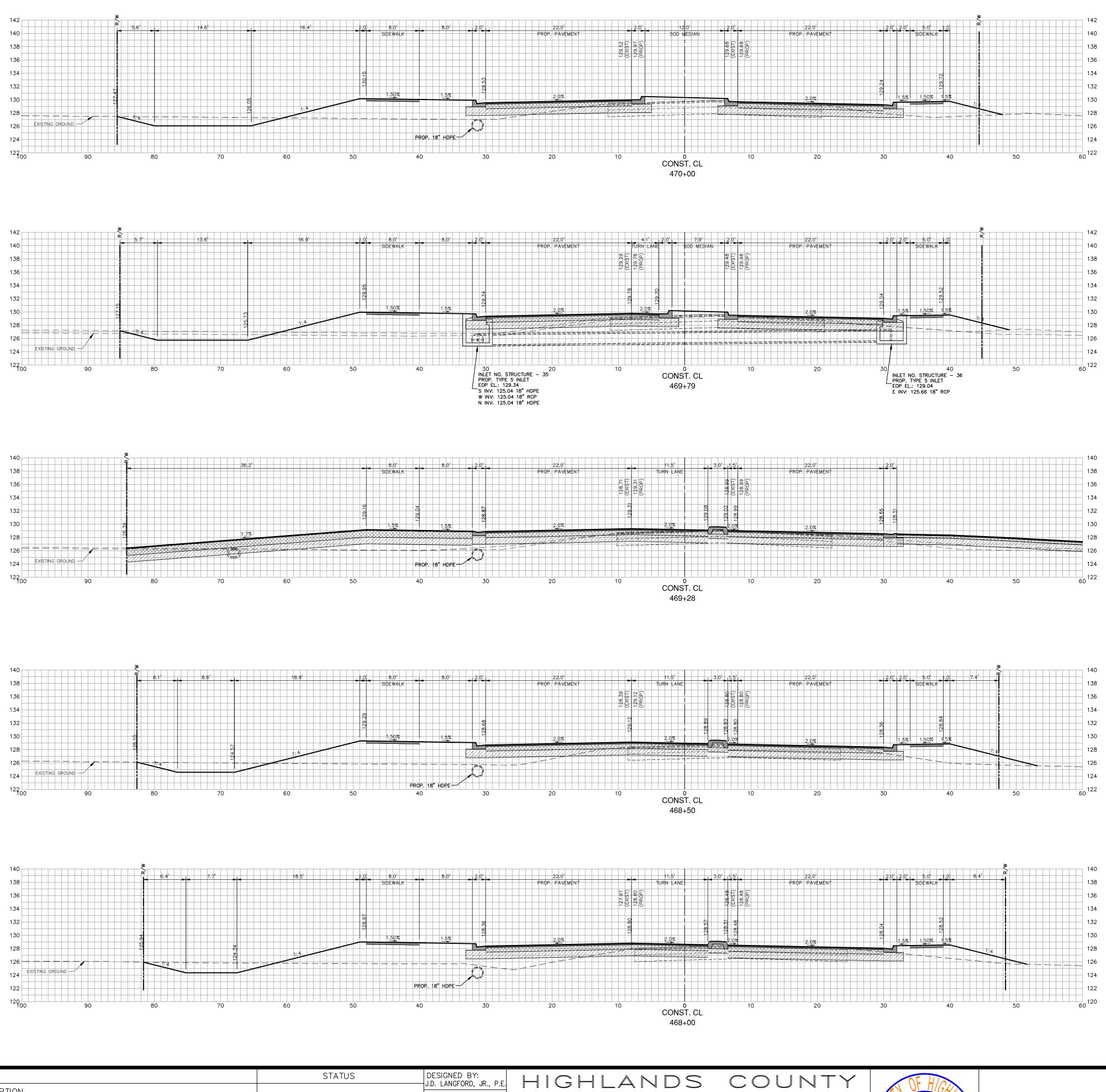
140 138 136 134 134 134 134 132
136 134 132
134 132
132
130
128
128
124
122
120
40 50 60

SHEET 39 OF 48

142						₹						
140						- =-	5.6'		14.6			-
138												
136												
134												
132												
130						127.47						
128	_						<u>1:4</u>					
126	EXISTI	NG GRO	олир	-								
124												
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122				90)			80		/	0	
122 100				90		×_		80			0	
				90		M/W 1	5.7	80	13.6		0	
142				90		R/W	5.7		13.6		0	
142				90		R	5.7		13.6			
142 140 138				90		R/W	5.7'		13.6			
142 140 138 136				90		8715 2715 2715	5.7'					

140			¥		
138					36.2'
136					
134					
132					
130			39		
128			126		7.7%
126	= = = = =				
120					
124	EXISTING GROUND -				
122 100					
100		90		80	70

140			
138		6.1 [*]	8.6'
136			
134			
132			
130			
128			.4.57
126		1:4	
124 EXISTING GROUND -			
122 100	90	80	70



	REVISIONS	STATUS	DESIGNED BY: J.D. LANGFORD, JR., P.E.	NDS COUNT	
DATE	BY DESCRIPTION Image: Constraint of the second se	FOR BIDDING	DRAWN BY: DOUG NIETUBICZ CHECKED BY: J.D. LANGFORD, JR., P.E. IN CHARGE: ENGINEERI	NG DEPARTME Commerce avenue 5, florida 33870	
G: \PROJECTS\Sebrir	ng Parkway Phase II\DWG_Sebring Parkway Phase II A and B\Cross Section Sheets PKWY PH 2a.dwg, 40 PW9, Nietubicz, Douglas Colors As Black Except Gray Colors.ctb		J.D. LANGFORD, JR., P.E. DATE: 12/5/2019 FLORIDA REGISTRATION NO.:	, ,	TE:



SEBRING PARKWAY PHASE IIA ROADWAY IMPROVEMENTS SEBRING PARKWAY CROSS SECTIONS

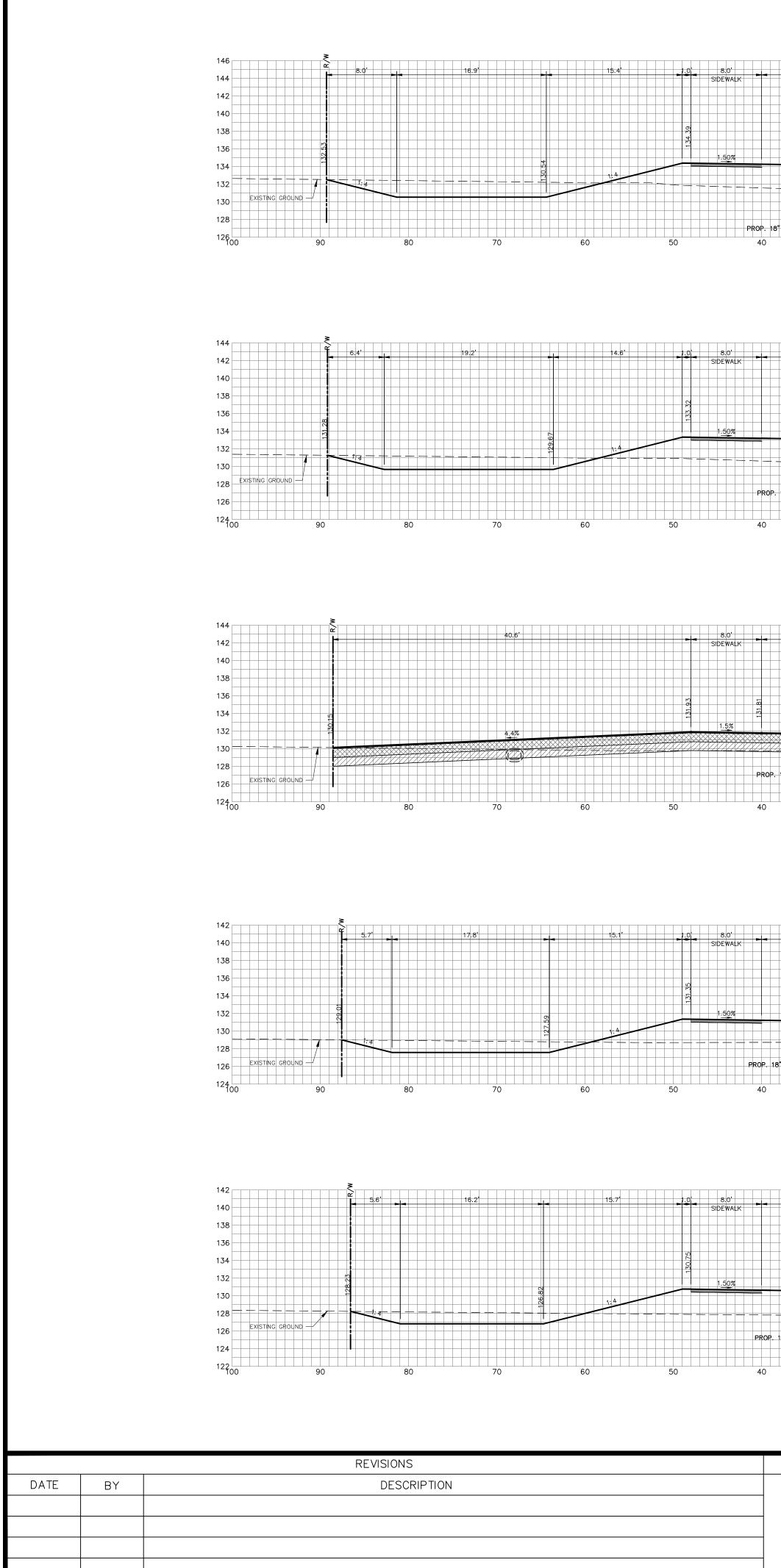
SCALE: HORIZ. 1"=8' VERT. 1"=8'	
PROJECT NO. 17062	REV. O

SHEET 40 OF 48

5.0'	1.0' 8.4'		
IDEWALK			138
			136
			134
8.52			132
			130
1.50% 1	.5%	1:4	128
			126
			124
			122
			60 ¹²⁰
	40	50	60

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5.C DEW		Ĵ,	1.0	-			7.4	+		F	-											138
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		128.84																			_	132
1.50)%		.5%	20							-											130
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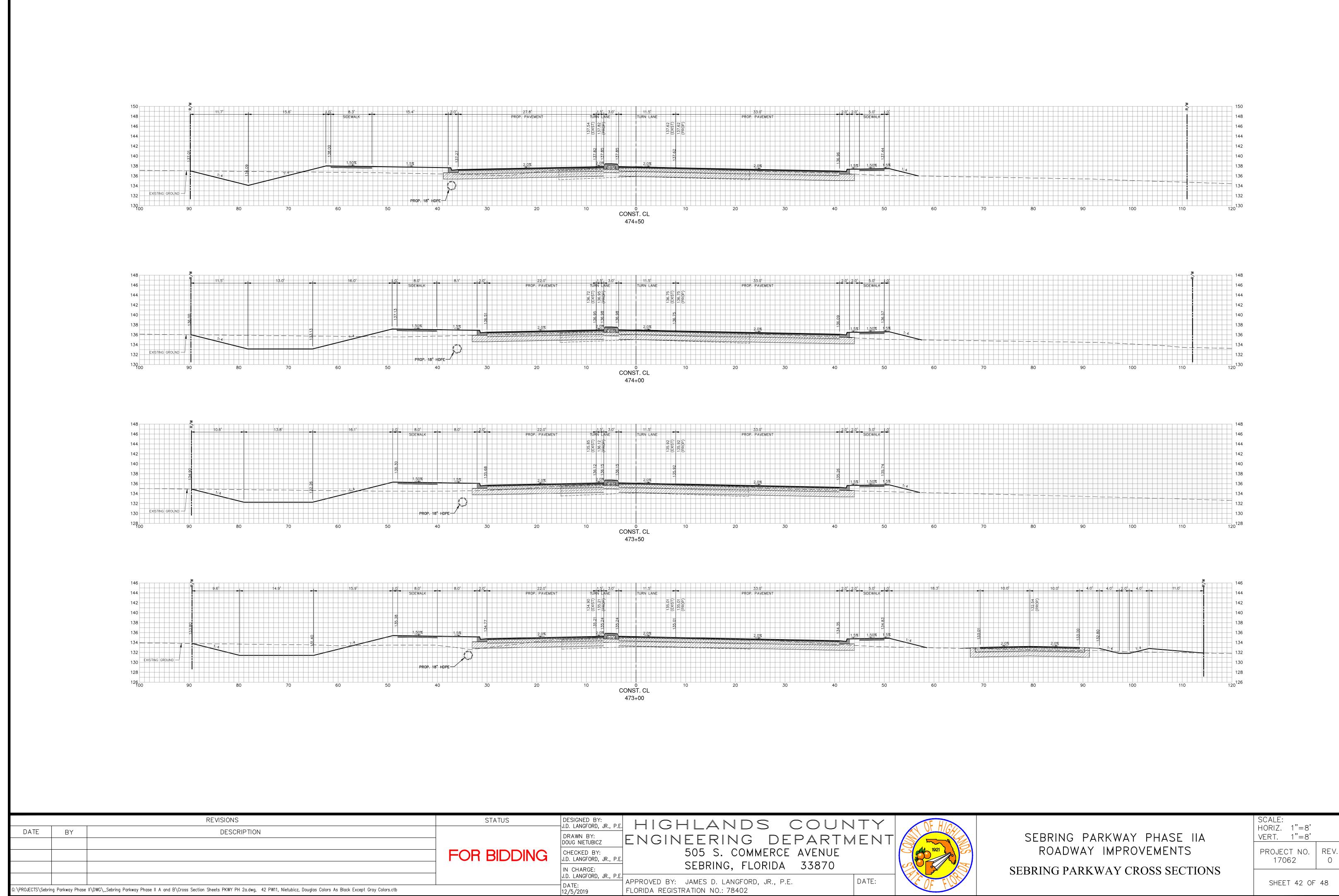
G: \PROJECTS \Sebring Parkway Phase II \DWG _Sebring Parkway Phase II A and B \Cross Section Sheets PKWY PH 2a.dwg, 41 PW10, Nietubicz, Douglas Colors As Black Except Gray Colors.ctb

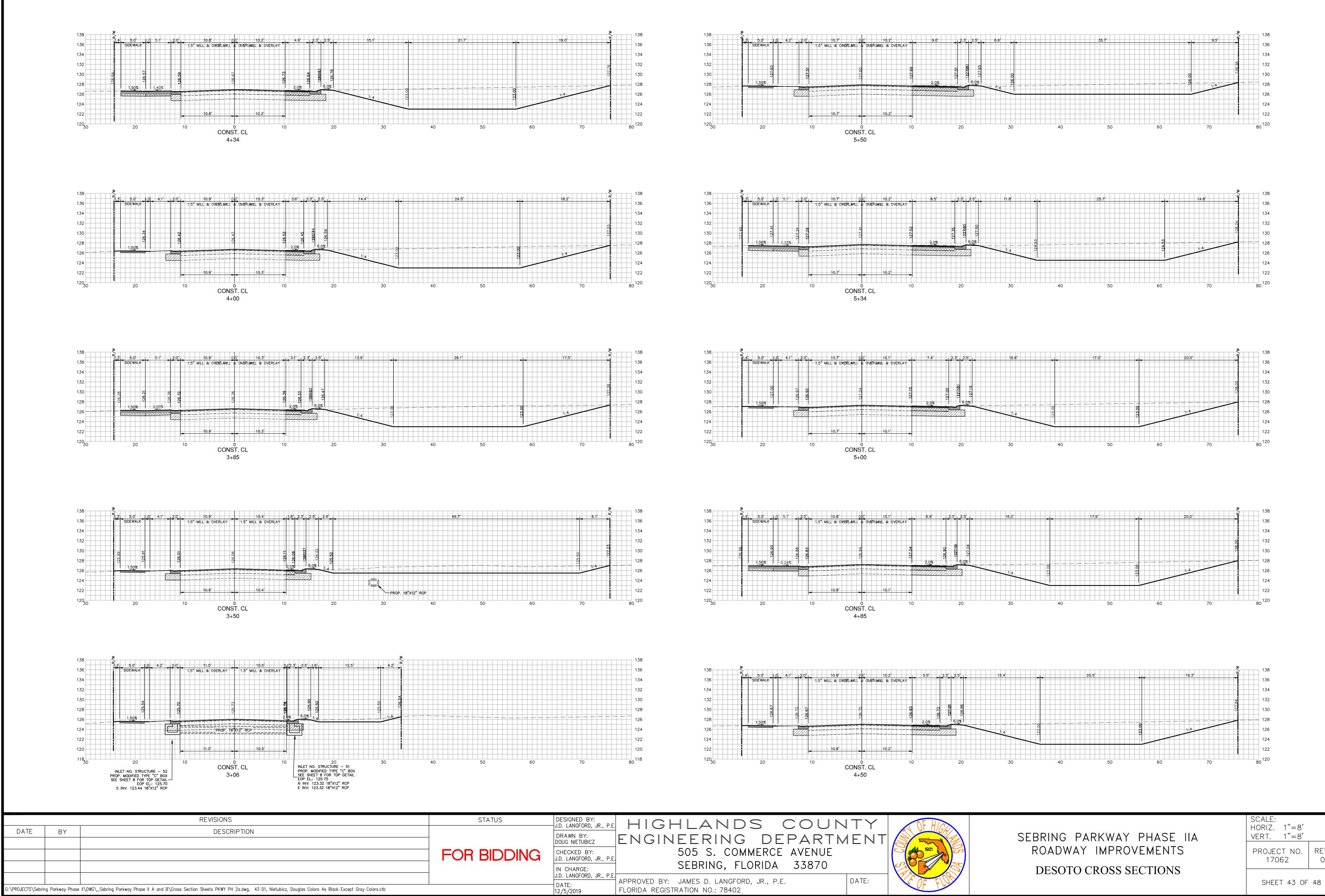
		11.5 TURN LANE ((s)X) (c)Y; (c) (c)Y; (c)Y; (c) (c)Y; (c)Y;	33.0' PROP. PAVEMENT		0'
P. 18" HDPE		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20 30	40 50) 60
8.0' 22.0' 22:0' PROP. PAVEMENT	(EXIST) (12:0'	25.5'	0 2.1, 5.1 1.0 SIDEWALK 1.5% 1.50% 1.5% 7:4	
40 30 20	4	0 10 10 10 10 10 10 10 10 10 1	20 30		
1.5% 2.0% 1.5% 2.0% PROP. 18" HDPE 30		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		40 50	
8.0' 22.0' PROP. PAVEMENT PROP. PAVEMENT 1.5% 2.0%	60:12 13:12 13:12 13:13 13	12:0' 30D MEDIAN 12:0' 12:0	22.0' DP. PAVEMENT 2.0' 2.0' 2.0' 2.0' 2.0' 0 0 0 0 0 0 0 0 0 0 0 0 0		14 14 14 13 13 13 13 13 13 13
DP. 18" HDPE		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			13 12 12 12
8.0' 22.0' PROP. PAVEMENT PROP. PAVEMENT 1.5% 2.0% 2.0% 2.0% 2.0% 2.0% 2.0% 2.0%			22.0' DP. PAVEMENT 2.0% 1.5% 1.5% 1.5% 1.5%	5.0' -0' -3.4'	14 14 14 13 14 13 14 13 14 13 14 13 14 13 14 12 12 12 12 12 12 12 12 12 12 12 12 12 12 13 14 15
40 30 20	4 DESIGNED BY: J.D. LANGFORD, JR., P.E.	PNST.CL 470+50 HIGHLA ENGINEER			TOF .
FOR BIDDING	DOUG NIETUBICZ CHECKED BY: J.D. LANGFORD, JR., P.E. IN CHARGE: J.D. LANGFORD, JR., P.E. DATE:	505 S	S. COMMERCE AN NG, FLORIDA 3 LANGFORD, JR., P.E.	VENUE	

			44 42 40 58 56 54 52 50 28
3'			22 20 38 36 34 32 30 28
60	70		22 20 58 56 54 52 50 28 28
142 140 138 136 134 132 130 128 126			
142 140 138 136 134 132 130 128 126			
124 60 122	les les	SEBRING PARKWAY PHASE IIA ROADWAY IMPROVEMENTS BRING PARKWAY CROSS SECTIONS	SCALE: HORIZ. 1"=8' VERT. 1"=8' PROJECT NO. 17062 SHEET 41.0E

SHEET 41 OF 48

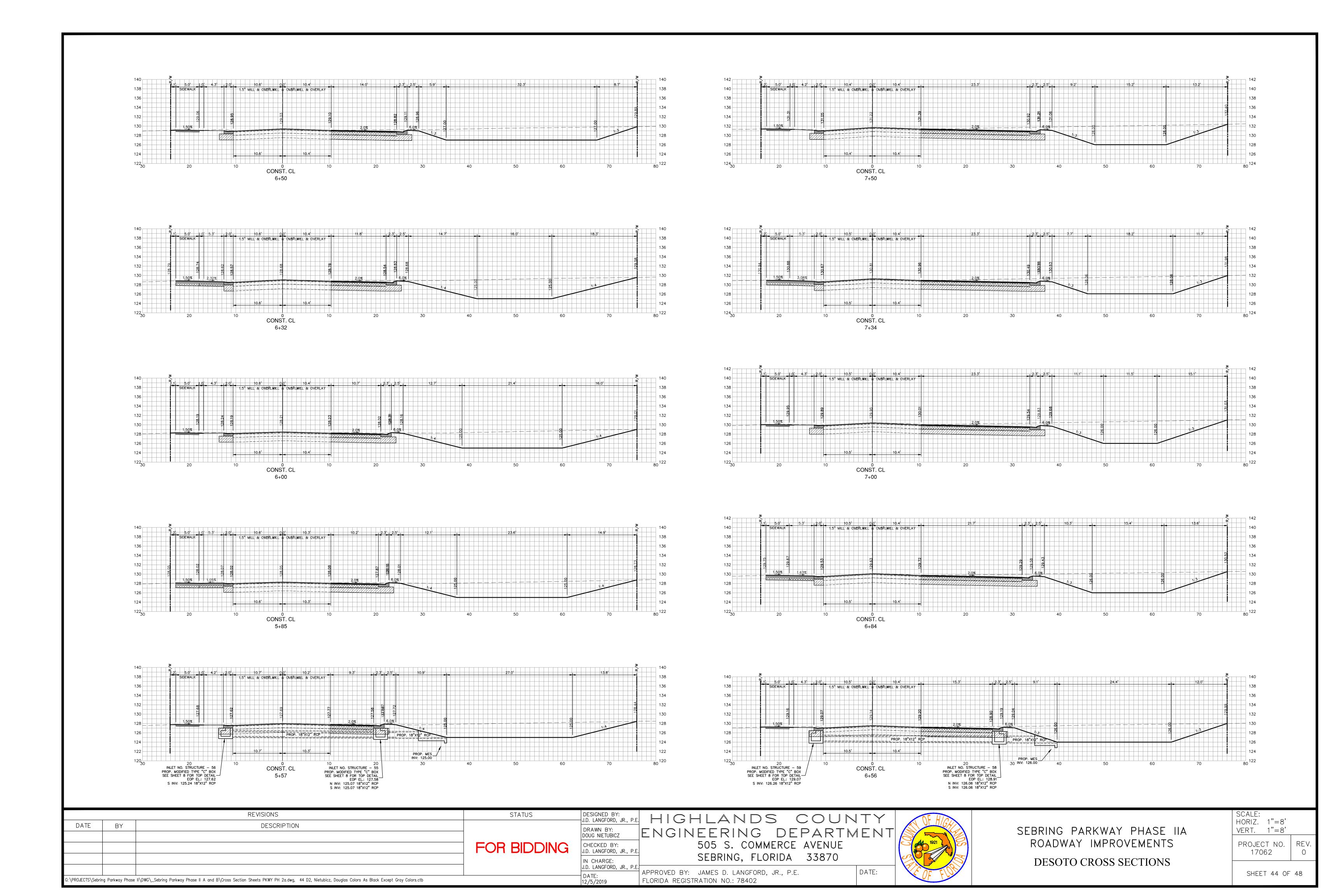
REV. 0

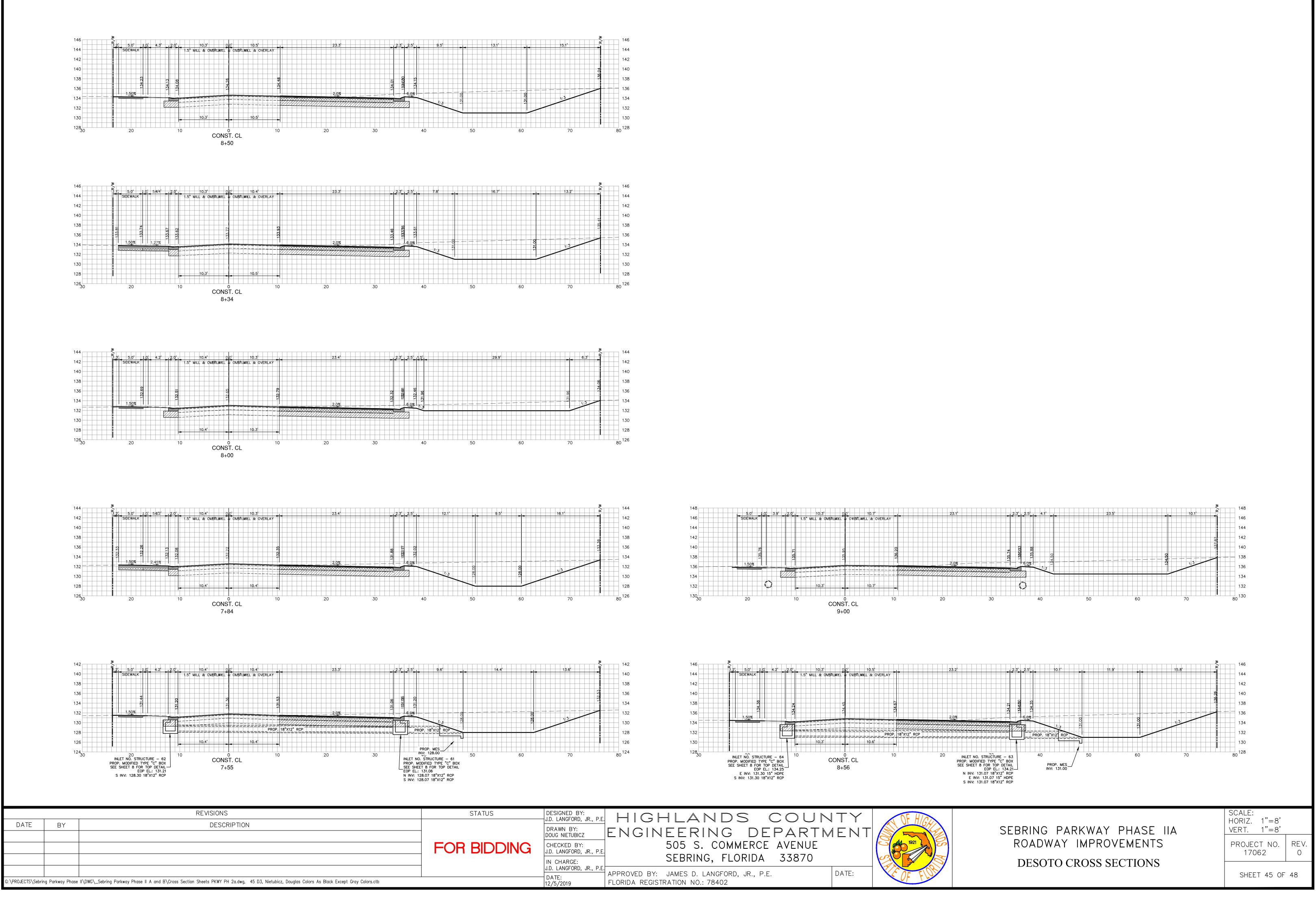




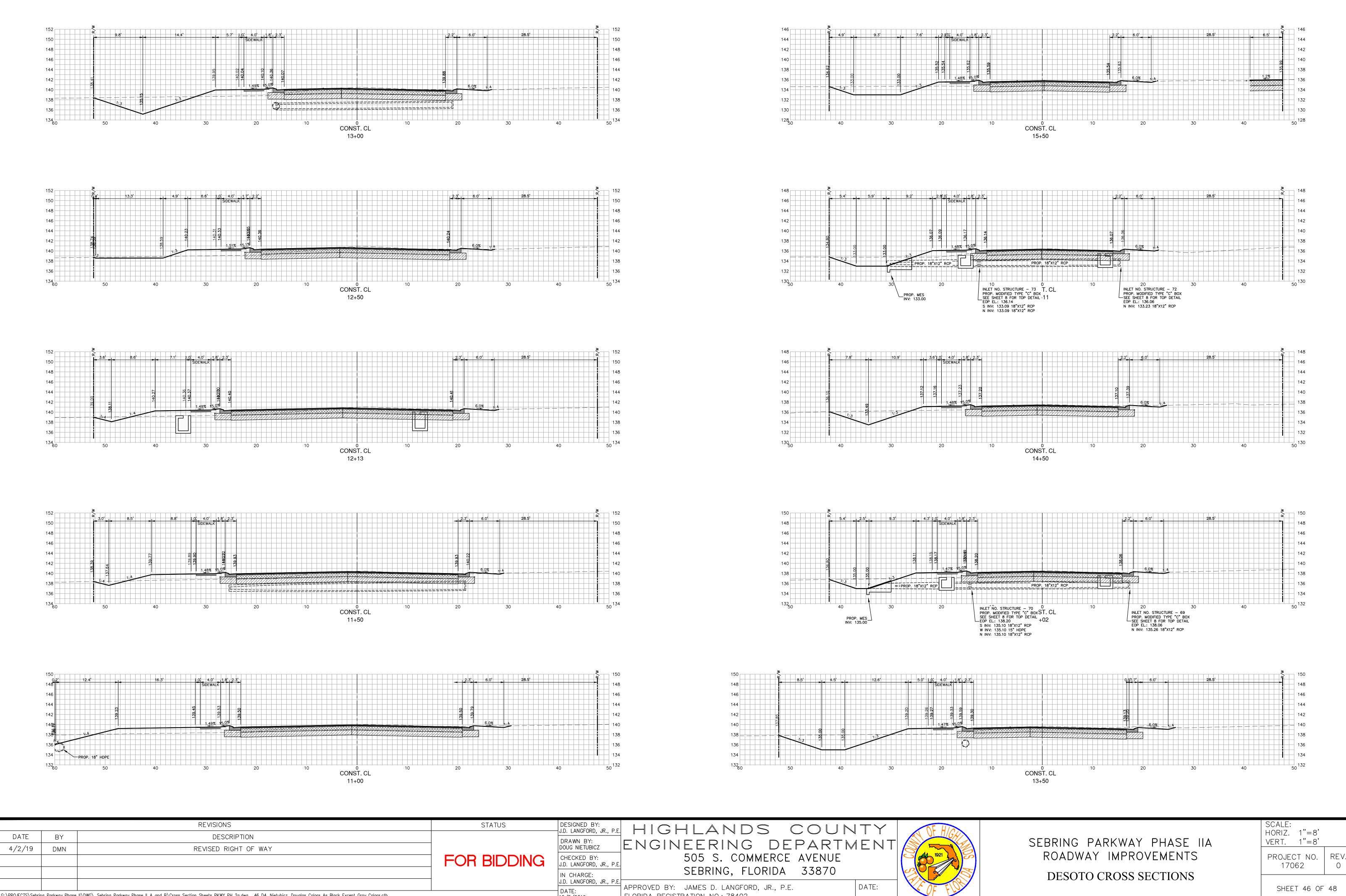
	J.D. LANGFORD, JR., P.E.	HIGHLANDS COUP		
	DRAWN BY: DOUG NIETUBICZ	ENGINEERING DEPART	AENT	
FOR BIDDING	CHECKED BY: J.D. LANGFORD, JR., P.E.	505 S. COMMERCE AVENUE		
	IN CHARGE: J.D. LANGFORD, JR., P.E.	SEBRING, FLORIDA 33870		
		APPROVED BY: JAMES D. LANGFORD, JR., P.E.	DATE:	
	DATE: 12/5/2019	FLORIDA REGISTRATION NO.: 78402		

REV.



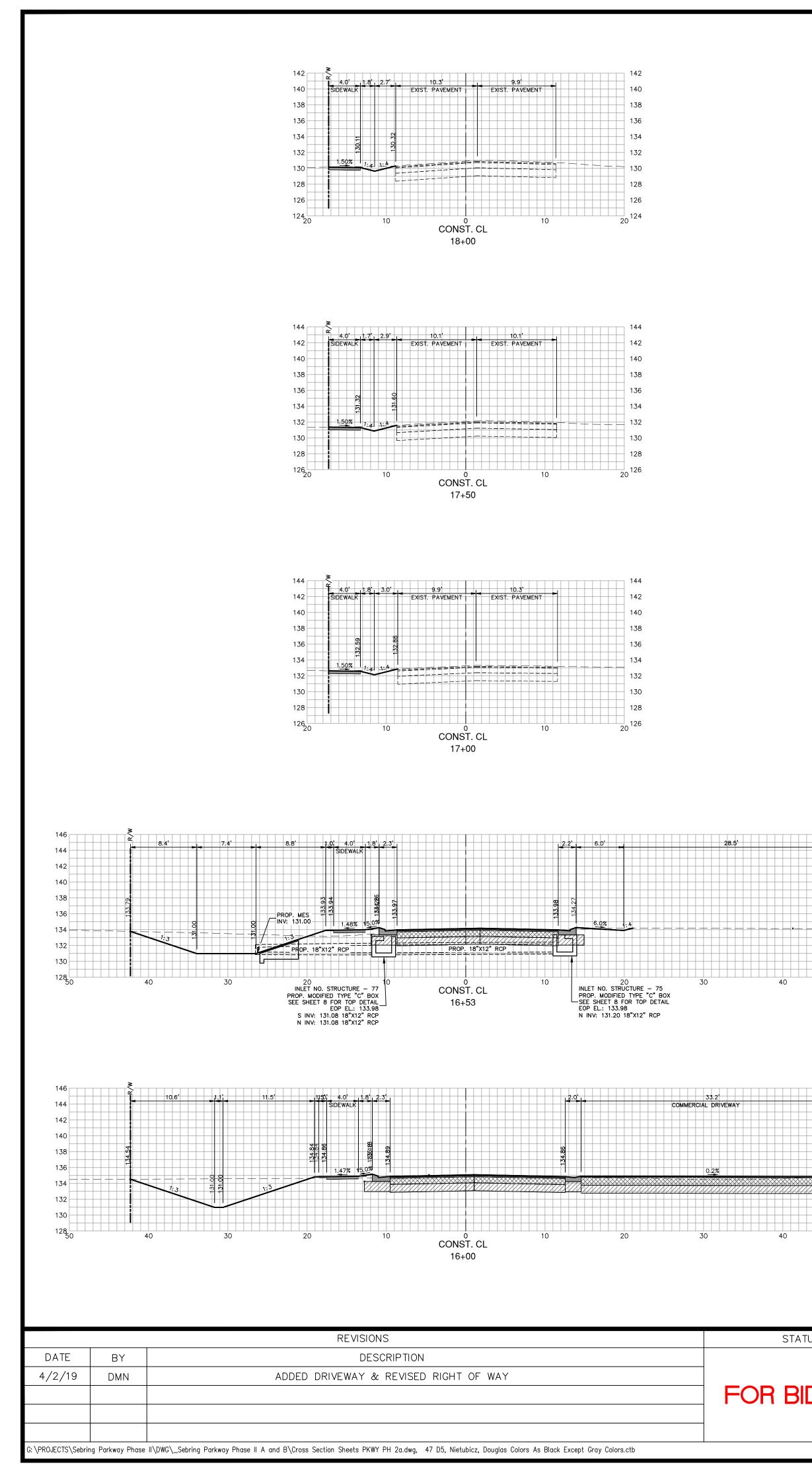


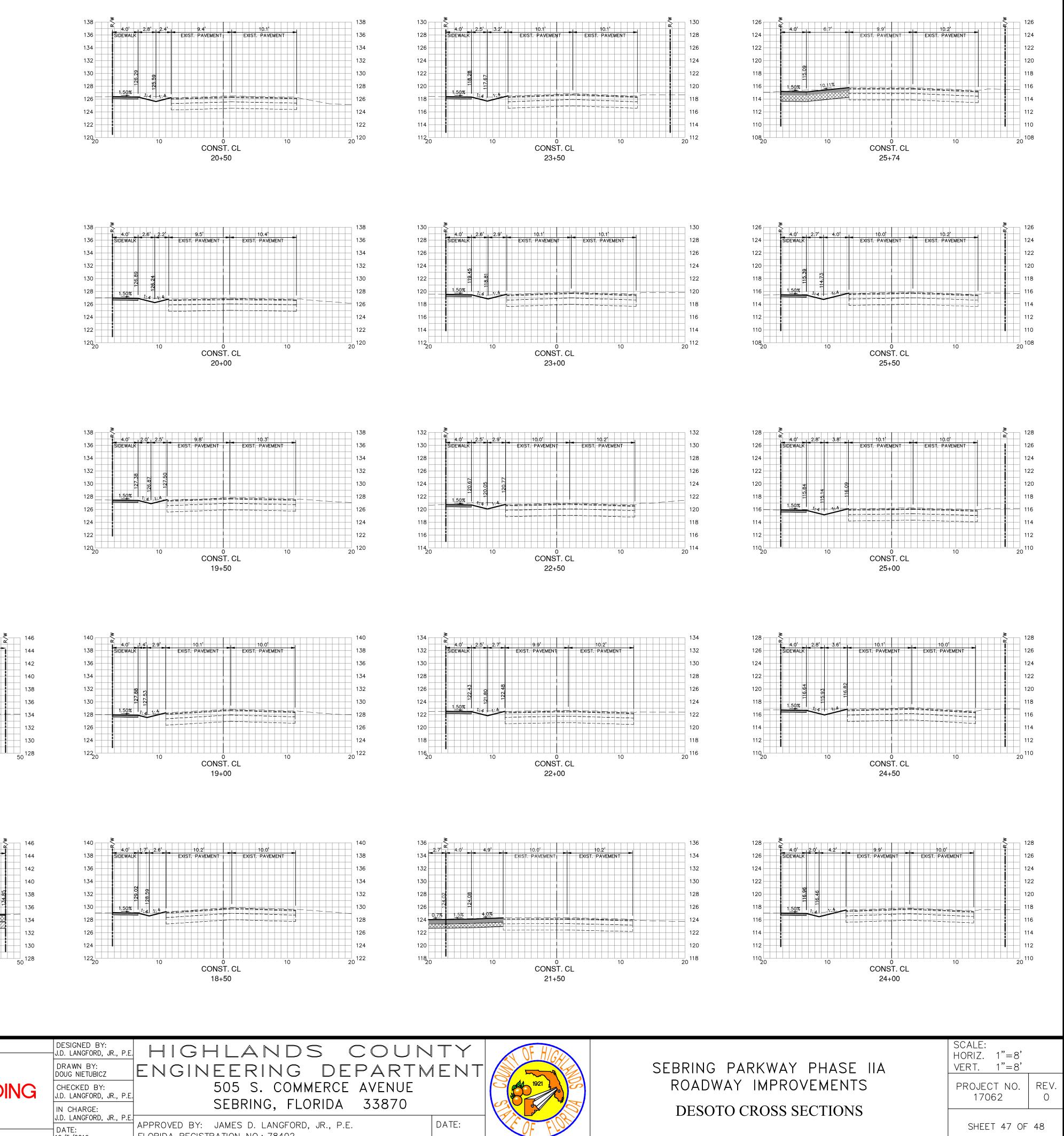
STATUS	DESIGNED BY:	HIGHLANDS COUP		
		ENGINEERING DEPARTN		F
FOR BIDDING	CHECKED BY: J.D. LANGFORD, JR., P.E.	505 S. COMMERCE AVENUE		
	IN CHARGE: J.D. LANGFORD, JR., P.E.	SEBRING, FLORIDA 33870		
	DATE: 12/5/2019	APPROVED BY: JAMES D. LANGFORD, JR., P.E. FLORIDA REGISTRATION NO.: 78402	DATE:	× 0



: \PROJECTS \Sebring Parkway Phase II \DWG _Sebring Parkway Phase II A and B \Cross Section Sheets PKWY PH 2a.dwg, 46 D4, Nietubicz, Douglas Colors As Black Except Gray Colors.ctb

FLORIDA REGISTRATION NO.: 78402 12/5/2019

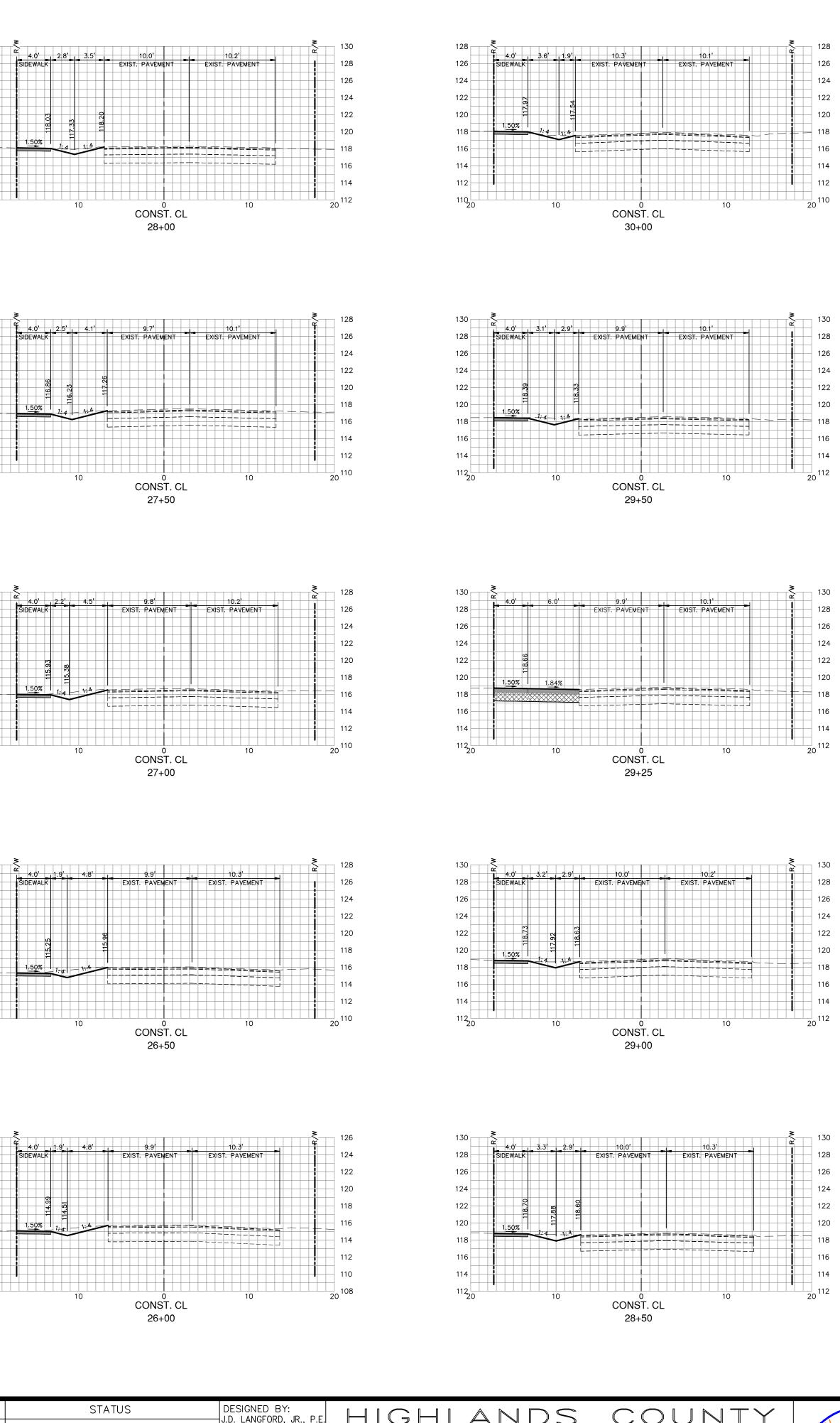




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		ENGINEERING DEPARTM		
FOR BIDDING	CHECKED BY: J.D. LANGFORD, JR., P.E.	505 S. COMMERCE AVENUE		
	IN CHARGE: J.D. LANGFORD, JR., P.E.	SEBRING, FLORIDA 33870		
	DATE: 12/5/2019	APPROVED BY: JAMES D. LANGFORD, JR., P.E. FLORIDA REGISTRATION NO.: 78402	DATE:	

DATE					
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REVISIONS DESCRIPTION					
	126 124 122 120 118 116 114 112 110 108 20	128 126 124 122 120 118 116 114 112 110 20	128 126 124 122 120 118 116 114 112 110 20	128 126 124 122 120 118 116 114 112 110 20	130 128 126 124 122 120 118 116 114 112 20

G: \PROJECTS \Sebring Parkway Phase II \DWG _Sebring Parkway Phase II A and B \Cross Section Sheets PKWY PH 2a.dwg, 48 D6, Nietubicz, Douglas Colors As Black Except Gray Colors.ctb



STATUS	DESIGNED BY:	HIGHLANDS COUNTY	
FOR BIDDING		ENGINEERING DEPARTMENT	
	IN CHARGE: J.D. LANGFORD, JR., P.E. DATE:	APPROVED BY: JAMES D. LANGFORD, JR., P.E. DATE:	-
	12/5/2019	FLORIDA REGISTRATION NO.: 78402	



SEBRING PARKWAY PHASE IIA ROADWAY IMPROVEMENTS DESOTO CROSS SECTIONS

SCALE: HORIZ. 1"=8' VERT. 1"=8'	
PROJECT NO. 17062	REV. O

SHEET 48 OF 48