



DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
400 HIGH POINT DRIVE, SUITE 600
COCOA, FLORIDA 32926

July 17, 2017

REPLY TO
ATTENTION OF

Regulatory Division
North Permits Branch
Cocoa Permits Section
SAJ-2017-01526 (NW-JLC)

James Ennis
Indian River County
1801 27th Street, Building A
Vero Beach, Florida 32960

RECEIVED

JUL 19 2017

INDIAN RIVER COUNTY
ENGINEERING DIVISION

Dear Mr. Ennis:

Your application for a Department of the Army permit, received in April 2017, has been assigned number SAJ-2017-01526. A review of the information and drawings provided shows the proposed work involves altering 1.21 acres of road side ditches for the widening of 66th Street from an existing 2 lane rural roadway to a 4 lane divided urban corridor between 61st Street and 73rd Street. The project is located along 66th Avenue in Sections 5, 6, 7, 8, 17 and 18, Township 32 South, Range 39 East, Vero Beach, Indian River County Florida.

Your project, as depicted on the enclosed drawings (Attachment 1), is authorized by Nationwide Permit Number 14. In addition, project specific conditions have been enclosed. This verification is valid until **March 18, 2022**. Furthermore, if you commence or are under contract to commence this activity before the date that the relevant nationwide permit is modified or revoked, you will have 12 months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this nationwide permit. Please access the U.S. Army Corps of Engineers' (Corps) Jacksonville District's Regulatory Internet page to access Internet links to view the Final Nationwide Permits, Federal Register Vol. 82, dated January 6, 2017, specifically pages 1983 to 2008, and the table of Regional Conditions. The Internet page address is:

<http://www.saj.usace.army.mil/Divisions/Regulatory/sourcebook.htm>.

Please be aware this web address is case sensitive and should be entered as it appears above. Once there you will need to click on "Nationwide Permits." These files contain the description of the Nationwide Permit authorization, the Nationwide Permit general conditions, and the regional conditions, which apply specifically to this verification for NWP 14. Enclosed is a list of the six General Conditions, which apply to all Department of the Army authorizations. You must comply with all of the special and general conditions and any project specific condition of this authorization or you may be subject to enforcement action. In the event you have not completed construction of your project within the specified time limit, a separate application or re-verification may be required.

The following special conditions are included with this verification:

1. **Reporting Address:** The Permittee shall submit all reports, notifications, documentation and correspondence required by the general and special conditions of this permit to the following address:

a. For standard mail: U.S. Army Corps of Engineers, Regulatory Division, Special Projects and Enforcement Branch, 10117 Princess Palm Avenue, Suite 120, Tampa, FL 33610-8302.

b. For electronic mail: CESAJ-ComplyDocs@usace.army.mil (not to exceed 10 MB). The Permittee shall reference this permit number, SAJ-2017-01526 (NW-JLC), on all submittals.

2. **Commencement Notification:** Within 10 days from the date of initiating the authorized work, the Permittee shall provide to the Corps a written notification of the date of commencement of work authorized by this permit.

3. **Completion Notification:** Within 60 days of completion of the work authorized, the attached "Self-Certification Statement of Compliance" must be completed and submitted to the U.S. Army Corps of Engineers.

4. **Cultural Resources/Historic Properties:**

a. No structure or work shall adversely affect impact or disturb properties listed in the *National Register of Historic Places* (NRHP) or those eligible for inclusion in the NRHP.

b. If during the ground disturbing activities and construction work within the permit area, there are archaeological/cultural materials encountered which were not the subject of a previous cultural resources assessment survey (and which shall include, but not be limited to: pottery, modified shell, flora, fauna, human remains, ceramics, stone tools or metal implements, dugout canoes, evidence of structures or any other physical remains that could be associated with Native American cultures or early colonial or American settlement), the Permittee shall immediately stop all work and ground-disturbing activities within a 100-meter diameter of the discovery and notify the Corps within the same business day (8 hours). The Corps shall then notify the Florida State Historic Preservation Officer (SHPO) and the appropriate Tribal Historic Preservation Officer(s) (THPO(s)) to assess the significance of the discovery and devise appropriate actions.

c. Additional cultural resources assessments may be required of the permit area in the case of unanticipated discoveries as referenced in accordance with the above Special Condition ; and if deemed necessary by the SHPO, THPO(s), or Corps, in accordance with 36 CFR 800 or 33 CFR 325, Appendix C (5). Based, on the circumstances of the discovery, equity to all parties, and considerations of the public

interest, the Corps may modify, suspend or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume on non-federal lands without written authorization from the SHPO for finds under his or her jurisdiction, and from the Corps.

d. In the unlikely event that unmarked human remains are identified on non-federal lands, they will be treated in accordance with Section 872.05 Florida Statutes. All work and ground disturbing activities within a 100-meter diameter of the unmarked human remains shall immediately cease and the Permittee shall immediately notify the medical examiner, Corps, and State Archeologist within the same business day (8-hours). The Corps shall then notify the appropriate SHPO and THPO(s). Based, on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume without written authorization from the State Archeologist and from the Corps.

5. Erosion Control and Turbidity: Prior to the initiation of any work authorized by this permit, the Permittee shall install erosion control devices and turbidity barriers around all work areas to prevent fill material and any erodible ground surface from being displaced into adjacent wetlands or surface waters. Immediately (within 24 hours) after completion of the final grading of the land surface, all slopes, land surfaces, and filled areas shall be stabilized using sod, degradable mats, barriers, or a combination of similar stabilizing materials to prevent erosion. The erosion control measures shall remain in place and be maintained until all authorized work has been completed and the site has been stabilized.

6. Regulatory Agency Changes: Should any other regulatory agency require changes to the work authorized or obligated by this permit, the Permittee is advised that a modification to this permit instrument is required prior to initiation of those changes. It is the Permittee's responsibility to request a modification of this permit from the Cocoa Regulatory Office.

7. Eastern Indigo Snake Protection Measures: The Permittee shall comply with U.S. Fish and Wildlife Service's "Standard Protection Measures for the Eastern Indigo Snake" dated August 12, 2013 and provided in Attachment 2 of this permit.

This letter of authorization does not obviate the necessity to obtain any other Federal, State, or local permits, which may be required. Prior to the initiation of any construction, projects qualifying for this Nationwide permit must qualify for an exemption under section 403.813(1), F.S. or 373.406, F.S., or otherwise be authorized by the applicable permit required under Part IV of Chapter 373, F.S., by the Department of Environmental Protection, a water management district under section 373.069, F.S., or a local government with delegated authority under section 373.441, F.S., and receive Water Quality Certification (WQC) and applicable Coastal Zone Consistency Concurrence (CZCC) or waiver thereto, as well as any authorizations required for the

use of state-owned submerged lands under Chapter 253, F.S., and, as applicable, Chapter 258, F.S. You should check State-permitting requirements with the Florida Department of Environmental Protection or the appropriate water management district.

This letter of authorization does not include conditions that would prevent the 'take' of a state-listed fish or wildlife species. These species are protected under sec. 379.411, Florida Statutes, and listed under Rule 68A-27, Florida Administrative Code. With regard to fish and wildlife species designated as species of special concern or threatened by the State of Florida, you are responsible for coordinating directly with the Florida Fish and Wildlife Conservation Commission (FWC). You can visit the FWC license and permitting webpage (<http://www.myfwc.com/license/wildlife/>) for more information, including a list of those fish and wildlife species designated as species of special concern or threatened. The Florida Natural Areas Inventory (<http://www.fnai.org/>) also maintains updated lists, by county, of documented occurrences of those species.

This letter of authorization does not give absolute Federal authority to perform the work as specified on your application. The proposed work may be subject to local building restrictions mandated by the National Flood Insurance Program. You should contact your local office that issues building permits to determine if your site is located in a flood-prone area, and if you must comply with the local building requirements mandated by the National Flood Insurance Program.

If you are unable to access the internet or require a hardcopy of any of the conditions, limitations, or expiration date for the above referenced NWP, please contact Jim Carr by telephone at 321-504-3771, Extension 26.

Thank you for your cooperation with our permit program. The Corps Jacksonville District Regulatory Division is committed to improving service to our customers. We strive to perform our duty in a friendly and timely manner while working to preserve our environment. We invite you to take a few minutes to visit <http://per2.nwp.usace.army.mil/survey.html> and complete our automated Customer Service Survey. Your input is appreciated – favorable or otherwise. Again, please be aware this web address is case sensitive and should be entered as it appears above.

Sincerely,

CARR.JAMES.LAWS
ON.II.1216431711

Digitally signed by
CARR.JAMES.LAWSON.II.1216431711
DN: c=US, o=U.S. Government, ou=DoD,
ou=PKI, ou=USA,
cn=CARR.JAMES.LAWSON.II.1216431711
Date: 2017.07.17 09:18:16 -04'00'

James L. Carr II
Project Manager

Enclosures

Copies Furnished: CESAJ-RD-PE

Brian Good, Kimley-Horn and Associates, Vero Beach, FL

GENERAL CONDITONS
33 CFR PART 320-330
PUBLISHED FEDERAL REGISTER DATED 13 NOVEMBER 1986

1. The time limit for completing the work authorized ends on March 18, 2017. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort of if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow a representative from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

SELF-CERTIFICATION STATEMENT OF COMPLIANCE

Permit Number: NW-14
Application Number: SAJ-2017-01526

Permittee's Name & Address (please print or type): _____

Telephone Number: _____

Location of the Work: _____

Date Work Started: _____ Date Work Completed: _____

Description of the Work (e.g., bank stabilization, residential or commercial filling, docks, dredging, etc.): _____

Acreage or Square Feet of Impacts to Waters of the United States:

Describe Mitigation completed (if applicable): _____

Describe any Deviations from Permit (attach drawing(s) depicting the deviations):

I certify that all work, and mitigation (if applicable) was done in accordance with the limitations and conditions as described in the permit. Any deviations as described above are depicted on the attached drawing(s).

Signature of Permittee

Date

DEPARTMENT OF THE ARMY PERMIT TRANSFER REQUEST

PERMIT NUMBER: SAJ-2017-01526(NW-JLC)

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. Although the construction period for works authorized by Department of the Army permits is finite, the permit itself, with its limitations, does not expire.

To validate the transfer of this permit and the associated responsibilities associated with compliance with its terms and conditions, have the transferee sign and date below and mail to the U.S. Army Corps of Engineers, Enforcement Section, Post Office Box 4970, Jacksonville, FL 32232-0019.

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(TRANSFEREE-SIGNATURE)		(SUBDIVISION)	
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(DATE)	(LOT)	(BLOCK)	
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(STREET ADDRESS)			
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(NAME-PRINTED)			
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(MAILING ADDRESS)			
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(CITY, STATE, ZIP CODE)			

STANDARD PROTECTION MEASURES FOR THE EASTERN INDIGO SNAKE
U.S. Fish and Wildlife Service
August 12, 2013

The eastern indigo snake protection/education plan (Plan) below has been developed by the U.S. Fish and Wildlife Service (USFWS) in Florida for use by applicants and their construction personnel. At least **30 days prior** to any clearing/land alteration activities, the applicant shall notify the appropriate USFWS Field Office via e-mail that the Plan will be implemented as described below (North Florida Field Office: jaxregs@fws.gov; South Florida Field Office: verobeach@fws.gov; Panama City Field Office: panamacity@fws.gov). As long as the signatory of the e-mail certifies compliance with the below Plan (including use of the attached poster and brochure), no further written confirmation or “approval” from the USFWS is needed and the applicant may move forward with the project.

If the applicant decides to use an eastern indigo snake protection/education plan other than the approved Plan below, written confirmation or “approval” from the USFWS that the plan is adequate must be obtained. At least 30 days prior to any clearing/land alteration activities, the applicant shall submit their unique plan for review and approval. The USFWS will respond via e-mail, typically within 30 days of receiving the plan, either concurring that the plan is adequate or requesting additional information. A concurrence e-mail from the appropriate USFWS Field Office will fulfill approval requirements.

The Plan materials should consist of: 1) a combination of posters and pamphlets (see **Poster Information** section below); and 2) verbal educational instructions to construction personnel by supervisory or management personnel before any clearing/land alteration activities are initiated (see **Pre-Construction Activities** and **During Construction Activities** sections below).

POSTER INFORMATION

Posters with the following information shall be placed at strategic locations on the construction site and along any proposed access roads (a final poster for Plan compliance, to be printed on 11” x 17” or larger paper and laminated, is attached):

DESCRIPTION: The eastern indigo snake is one of the largest non-venomous snakes in North America, with individuals often reaching up to 8 feet in length. They derive their name from the glossy, blue-black color of their scales above and uniformly slate blue below. Frequently, they have orange to coral reddish coloration in the throat area, yet some specimens have been reported to only have cream coloration on the throat. These snakes are not typically aggressive and will attempt to crawl away when disturbed. Though indigo snakes rarely bite, they should NOT be handled.

SIMILAR SNAKES: The black racer is the only other solid black snake resembling the eastern indigo snake. However, black racers have a white or cream chin, thinner bodies, and WILL BITE if handled.

LIFE HISTORY: The eastern indigo snake occurs in a wide variety of terrestrial habitat types throughout Florida. Although they have a preference for uplands, they also utilize some wetlands

and agricultural areas. Eastern indigo snakes will often seek shelter inside gopher tortoise burrows and other below- and above-ground refugia, such as other animal burrows, stumps, roots, and debris piles. Females may lay from 4 - 12 white eggs as early as April through June, with young hatching in late July through October.

PROTECTION UNDER FEDERAL AND STATE LAW: The eastern indigo snake is classified as a Threatened species by both the USFWS and the Florida Fish and Wildlife Conservation Commission. "Taking" of eastern indigo snakes is prohibited by the Endangered Species Act without a permit. "Take" is defined by the USFWS as an attempt to kill, harm, harass, pursue, hunt, shoot, wound, trap, capture, collect, or engage in any such conduct. Penalties include a maximum fine of \$25,000 for civil violations and up to \$50,000 and/or imprisonment for criminal offenses, if convicted.

Only individuals currently authorized through an issued Incidental Take Statement in association with a USFWS Biological Opinion, or by a Section 10(a)(1)(A) permit issued by the USFWS, to handle an eastern indigo snake are allowed to do so.

IF YOU SEE A LIVE EASTERN INDIGO SNAKE ON THE SITE:

- Cease clearing activities and allow the live eastern indigo snake sufficient time to move away from the site without interference;
- Personnel must NOT attempt to touch or handle snake due to protected status.
- Take photographs of the snake, if possible, for identification and documentation purposes.
- Immediately notify supervisor or the applicant's designated agent, **and** the appropriate USFWS office, with the location information and condition of the snake.
- If the snake is located in a vicinity where continuation of the clearing or construction activities will cause harm to the snake, the activities must halt until such time that a representative of the USFWS returns the call (within one day) with further guidance as to when activities may resume.

IF YOU SEE A DEAD EASTERN INDIGO SNAKE ON THE SITE:

- Cease clearing activities and immediately notify supervisor or the applicant's designated agent, **and** the appropriate USFWS office, with the location information and condition of the snake.
- Take photographs of the snake, if possible, for identification and documentation purposes.
- Thoroughly soak the dead snake in water and then freeze the specimen. The appropriate wildlife agency will retrieve the dead snake.

Telephone numbers of USFWS Florida Field Offices to be contacted if a live or dead eastern indigo snake is encountered:

North Florida Field Office – (904) 731-3336
Panama City Field Office – (850) 769-0552
South Florida Field Office – (772) 562-3909

PRE-CONSTRUCTION ACTIVITIES

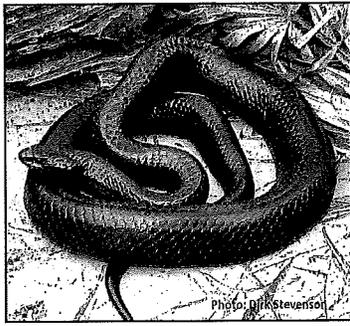
1. The applicant or designated agent will post educational posters in the construction office and throughout the construction site, including any access roads. The posters must be clearly visible to all construction staff. A sample poster is attached.
2. Prior to the onset of construction activities, the applicant/designated agent will conduct a meeting with all construction staff (annually for multi-year projects) to discuss identification of the snake, its protected status, what to do if a snake is observed within the project area, and applicable penalties that may be imposed if state and/or federal regulations are violated. An educational brochure including color photographs of the snake will be given to each staff member in attendance and additional copies will be provided to the construction superintendent to make available in the onsite construction office (a final brochure for Plan compliance, to be printed double-sided on 8.5" x 11" paper and then properly folded, is attached). Photos of eastern indigo snakes may be accessed on USFWS and/or FWC websites.
3. Construction staff will be informed that in the event that an eastern indigo snake (live or dead) is observed on the project site during construction activities, all such activities are to cease until the established procedures are implemented according to the Plan, which includes notification of the appropriate USFWS Field Office. The contact information for the USFWS is provided on the referenced posters and brochures.

DURING CONSTRUCTION ACTIVITIES

1. During initial site clearing activities, an onsite observer may be utilized to determine whether habitat conditions suggest a reasonable probability of an eastern indigo snake sighting (example: discovery of snake sheds, tracks, lots of refugia and cavities present in the area of clearing activities, and presence of gopher tortoises and burrows).
2. If an eastern indigo snake is discovered during gopher tortoise relocation activities (i.e. burrow excavation), the USFWS shall be contacted within one business day to obtain further guidance which may result in further project consultation.
3. Periodically during construction activities, the applicant's designated agent should visit the project area to observe the condition of the posters and Plan materials, and replace them as needed. Construction personnel should be reminded of the instructions (above) as to what is expected if any eastern indigo snakes are seen.

POST CONSTRUCTION ACTIVITIES

Whether or not eastern indigo snakes are observed during construction activities, a monitoring report should be submitted to the appropriate USFWS Field Office within 60 days of project completion. The report can be sent electronically to the appropriate USFWS e-mail address listed on page one of this Plan.



ATTENTION:

THREATENED EASTERN INDIGO SNAKES MAY BE PRESENT ON THIS SITE!!!

IF YOU SEE A LIVE EASTERN INDIGO SNAKE ON THE SITE:

- Cease clearing activities and allow the eastern indigo snake sufficient time to move away from the site without interference.
- Personnel must NOT attempt to touch or handle snake due to protected status.
- Take photographs of the snake, if possible, for identification and documentation purposes.
- Immediately notify supervisor or the applicant's designated agent, **and** the appropriate U.S. Fish and Wildlife Service (USFWS) office, with the location information and condition of the snake.
- If the snake is located in a vicinity where continuation of the clearing or construction activities will cause harm to the snake, the activities must halt until such time that a representative of the USFWS returns the call (within one day) with further guidance as to when activities may resume.

IF YOU SEE A DEAD EASTERN INDIGO SNAKE ON THE SITE:

- Cease clearing activities and immediately notify supervisor or the applicant's designated agent, **and** the appropriate USFWS office, with the location information and condition of the snake.
- Take photographs of the snake, if possible, for identification and documentation purposes.
- Thoroughly soak the dead snake in water and then freeze the specimen. The appropriate wildlife agency will retrieve the dead snake.

USFWS Florida Field Offices to be contacted if a live or dead eastern indigo snake is encountered:

North Florida Field Office – (904) 731-3336

Panama City Field Office – (850) 769-0552

South Florida Field Office – (772) 562-3909

Killing, harming, or harassing indigo snakes is strictly prohibited and punishable under State and Federal Law.

- DESCRIPTION:** The eastern indigo snake is one of the largest non-venomous snakes in North America, with individuals often reaching up to 8 feet in length. They derive their name from the glossy, blue-black color of their scales above and uniformly slate blue below. Frequently, they have orange to coral reddish coloration in the throat area, yet some specimens have been reported to only have cream coloration on the throat. These snakes are not typically aggressive and will attempt to crawl away when disturbed. Though indigo snakes rarely bite, they should NOT be handled.
- SIMILAR SNAKES:** The black racer is the only other solid black snake resembling the eastern indigo snake. However, black racers have a white or cream chin, thinner bodies, and WILL BITE if handled.
- LIFE HISTORY:** The eastern indigo snake occurs in a wide variety of terrestrial habitat types throughout Florida. Although they have a preference for uplands, they also utilize some wetlands and agricultural areas. Eastern indigo snakes will often seek shelter inside gopher tortoise burrows and other below- and above-ground refugia, such as other animal burrows, stumps, roots, and debris piles. Females may lay from 4 - 12 white eggs as early as April through June, with young hatching in late July through October.
- PROTECTION:** The eastern indigo snake is classified as a Threatened species by both the USFWS and the Florida Fish and Wildlife Conservation Commission. "Taking" of eastern indigo snakes is prohibited by the Endangered Species Act without a permit. "Take" is defined by the USFWS as an attempt to kill, harm, harass, pursue, hunt, shoot, wound, trap, capture, collect, or engage in any such conduct. Penalties include a maximum fine of \$25,000 for civil violations and up to \$50,000 and/or imprisonment for criminal offenses, if convicted.

Only individuals currently authorized through an issued Incidental Take Statement in association with a USFWS Biological Opinion, or by a Section 10(a)(1)(A) permit issued by the USFWS, to handle an eastern indigo snake are allowed to do so.

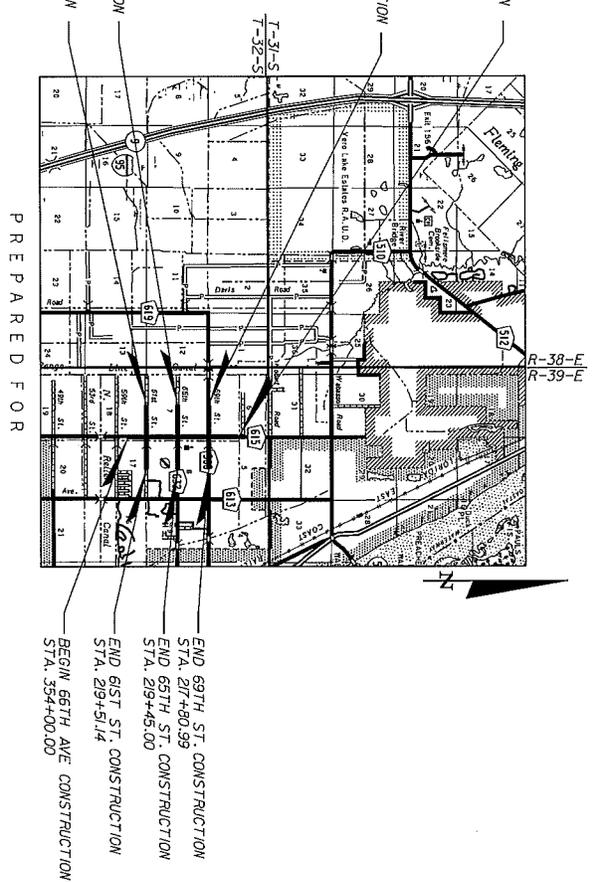
COMPONENTS OF CONTRACT PLANS SET
 ROADWAY PLANS
 SIGNALING AND MARKING PLANS
 UTILIZATION PLANS
 LANDSCAPE PLANS
 STRUCTURE PLANS

INDEX OF ROADWAY PLANS

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11-12	SUMMARY OF PAY ITEMS	
13-17	TYPICAL SECTIONS	
18-19	SUMMARY OF QUANTITIES	
20-24	SUMMARY OF DRAINAGE STRUCTURES	
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47-53	61st STREET PLAN & PROFILE	
54-61	65th STREET PLAN & PROFILE	BEGIN 69TH ST. CONSTRUCTION STA. 181+45.85
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INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS
 ROADWAY CONTRACT PLANS

66th AVENUE ROADWAY WIDENING
 PHASE 1B 5TH STREET TO 69TH STREET
 INDIAN RIVER COUNTY PROJECT NO. 1505



Department of Public Works
 RICHARD B. SZPYRKA, P.E., DIRECTOR

SAJ 2017-01526 - Attachment 1
 Permit Drawings 41 Pages
 July 2017

Kimley»Horn

PLANS PREPARED BY:
 BRIAN GOOD, P.E.
 KIMLEY-HORN AND ASSOCIATES, INC.
 445 24th STREET, SUITE 200
 VERO BEACH, FL 32960
 (772) 794-4100

ROADWAY PLANS
 ENGINEER OF RECORD: BRIAN GOOD
 P.E. NO. 56939

SURVMD PERMIT
 SUBMITTAL
 MAY 2017

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION, DESIGN STANDARDS, (BOOKLET DATED JANUARY, 2015)

GOVERNING STANDARDS AND SPECIFICATIONS: FLORIDA DEPARTMENT OF TRANSPORTATION, DESIGN STANDARDS DATED JANUARY 2015, AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED 2015, AS AMENDED BY CONTRACT DOCUMENTS.

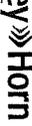
SHEET NO.	1
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ROADWAY GENERAL NOTES (CONT)

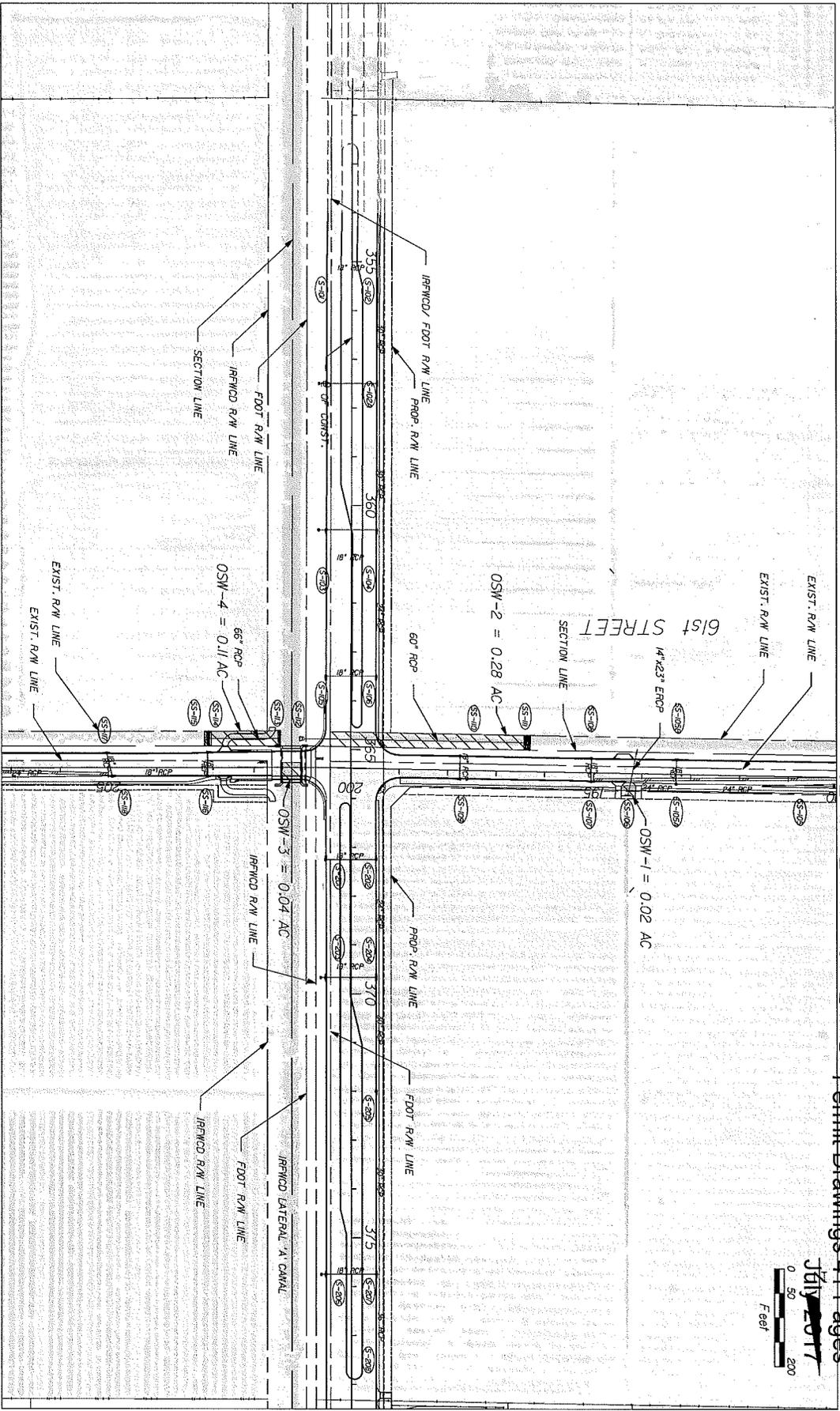
SAJ 2017-01526 - Attachment 1
 Permit Drawings 41 Pages
 July 2017

- 38. CONTRACTOR SHALL EXERCISE PROPER CARE & CAUTION WHEN DRIVING GUARDRAIL POSTS IN THE VICINITY OF EXISTING & PROPOSED UTILITY LINES, INCLUDING THE 12" RAW WATER MAIN. CONTRACTOR SHALL FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO POST INSTALLATION. THE ENGINEER MAY DIRECT THE USE OF ENCASED GUARDRAIL POST IN LIEU OF STANDARD POSTS IF NECESSARY TO AVOID EXISTING UTILITIES AT NO ADDITIONAL COST TO THE COUNTY.
- 39. ALL LANE CLOSURES SHALL BE APPROVED IN ADVANCE BY INDIAN RIVER COUNTY. ALL LANES, INCLUDING TEMPORARY/SHORT-TERM LANE CLOSURES, MUST BE OPEN IN THE EVENT OF AN EVACUATION.
- 40. THE CONTRACTOR SHALL COORDINATE SELECTION AND REVIEW OF ANY PROPOSED STAGING AREAS ASSOCIATED WITH THIS PROJECT WITH THE INDIAN RIVER COUNTY CONSTRUCTION COORDINATION DIVISION AT 725-226-7569 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO USE. LANE CLOSURES ON THIS PROJECT THE STAGING AREA SHALL BE RESTORED TO ITS ORIGINAL CONDITION OR BETTER AT NO ADDITIONAL COST TO THE COUNTY.
- 41. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL BY INDIAN RIVER COUNTY & FDEP A PROJECT SPECIFIC STORMWATER POLLUTION PREVENTION PLAN. THIS PLAN SHALL BE APPROVED PRIOR TO THE START OF CONSTRUCTION.
- 42. THE CONTRACTOR SHALL NOT BRING HAZARDOUS MATERIALS ONTO THE PROJECT. SHOULD THE CONTRACTOR REQUIRE SUCH MATERIALS FOR PERFORMING THE CONTRACTED WORK, THE CONTRACTOR SHALL REQUEST, IN WRITING, WRITTEN PERMISSION FROM THE PROJECT ENGINEER. THE CONTRACTOR SHALL PROVIDE A COPY OF THE REQUEST TO THE INDIAN RIVER COUNTY CONSTRUCTION COORDINATION DIVISION. THE CONTRACTOR SHALL PROVIDE THE INDIAN RIVER COUNTY CONSTRUCTION COORDINATION DIVISION WITH A COPY OF THE SPECIFIC MATERIAL SAFETY DATA SHEETS (SDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE AND PROVIDE A DESCRIPTION OF THE SPECIFIC MANNER IN WHICH THE MATERIAL WILL BE USED. THE PROJECT ENGINEER SHALL DETERMINE WHETHER THE MATERIALS ARE BEING USED IN A MANNER THAT IS PROHIBITED BY STATE LAW BECAUSE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AS HAZARDOUS MATERIALS. SUCH PRODUCTS DO NOT REQUIRE AN MSDS SUBMITTAL. ALL BULK PETROLEUM PRODUCTS STORED ON SITE SHALL REQUIRE PROPER STORAGE WHICH INCLUDES SECONDARY CONTAINMENT.
- 43. ANY KNOWN OR SUSPECT HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE PROJECT ENGINEER, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECT HAZARDOUS MATERIAL FROM FURTHER ACCESS. THE PROJECT ENGINEER IS TO NOTIFY THE PROPER REGULATORY AUTHORITY OF THE DISCOVERY. THE PROPER REGULATORY AUTHORITY WILL ADVISE/DIRECT THE PROJECT ENGINEER IN THE INVESTIGATION, IDENTIFICATION AND/OR REMOVAL/REMEDIATION OF THE MATERIAL IN QUESTION AS NEEDED. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF SUSPECTED CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE PROJECT ENGINEER. THE REGULATORY AUTHORITY WILL ADVISE THE PROJECT ENGINEER IN THESE MATTERS.
- 44. CONTRACTOR SHALL MAINTAIN EXISTING FIBER OPTIC CABLE SERVING THE INDIAN RIVER COUNTY SHERIFF'S OFFICE IN WORKING ORDER AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT.
- 45. CONTRACTOR SHALL SUBMIT A PROJECT SPECIFIC HIRING/PAPE PREPAREDNESS PLAN FOR REVIEW AND ACCEPTANCE. THIS PLAN SHALL DETAIL THE CONTRACTOR'S PROCEDURES AND TIMELINES FOR DEMOBILIZATION AND REMOBILIZATION IN THE EVENT OF A TROPICAL EVENT.

REVISIONS		DESCRIPTION	SHEET NO.
NO.	DATE	BY	

<p align="center">Kimley  Horn</p> <p align="center"> <small> 500 N. A. ROAD, S.E. FORT LAUDERDALE, FL 33304 PHONE: 760.328.2200 FAX: 760.328.2200 WWW.KIMLEY-HORN.COM REGISTERED PROFESSIONAL ENGINEERS STATE OF FLORIDA LICENSE NO. 00000008 </small> </p>	<p align="center"> INDIAN RIVER COUNTY BOARD OF COUNTY COMMISSIONERS 664 AVENUE ROADWAY WIDENING - PHASE IB 494 STREET TO 694 STREET </p>	<p align="center">GENERAL NOTES</p>	<p align="center">3</p>
--	---	--	-------------------------

MATCHLINE 6M-61M
 (SEE 61st STREET OTHER SURFACE WATER IMPACT EXHIBIT) Permit Drawings 41 Pages
 SAJ 2017-01526 - Attachment 1



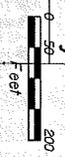
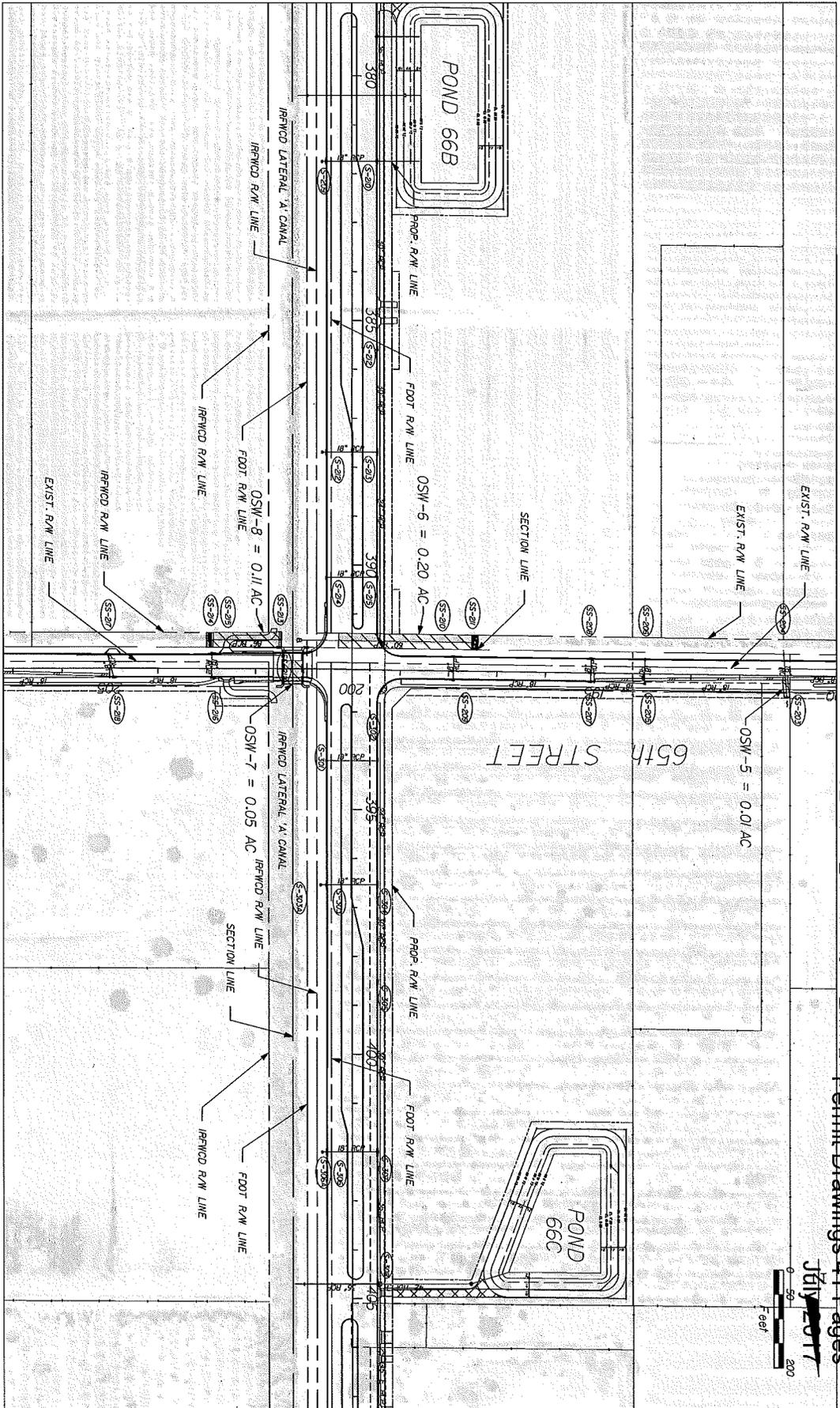
MATCHLINE 61E-61E
 (SEE 61st STREET OTHER SURFACE WATER IMPACT EXHIBIT)

NO.	DESCRIPTION	DATE	BY

Kimley»Horn P.O. BOX 100 664 AVENUE ROADWAY WIDENING - PHASE 1B 494 STREET TO 694 STREET 3/27/2017	INDIAN RIVER COUNTY BOARD OF COUNTY COMMISSIONERS 664 AVENUE ROADWAY WIDENING - PHASE 1B 494 STREET TO 694 STREET 3/27/2017	664 AVENUE OTHER SURFACE WATER IMPACT EXHIBIT 7A
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SAJ 2017-01526 - Attachment 1
 EXHIBIT Permit Drawings 41 Pages
 (SEE 65th STREET OTHER SURFACE WATER IMPACT EXHIBIT)

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 (SEE 65th STREET OTHER SURFACE WATER IMPACT EXHIBIT)

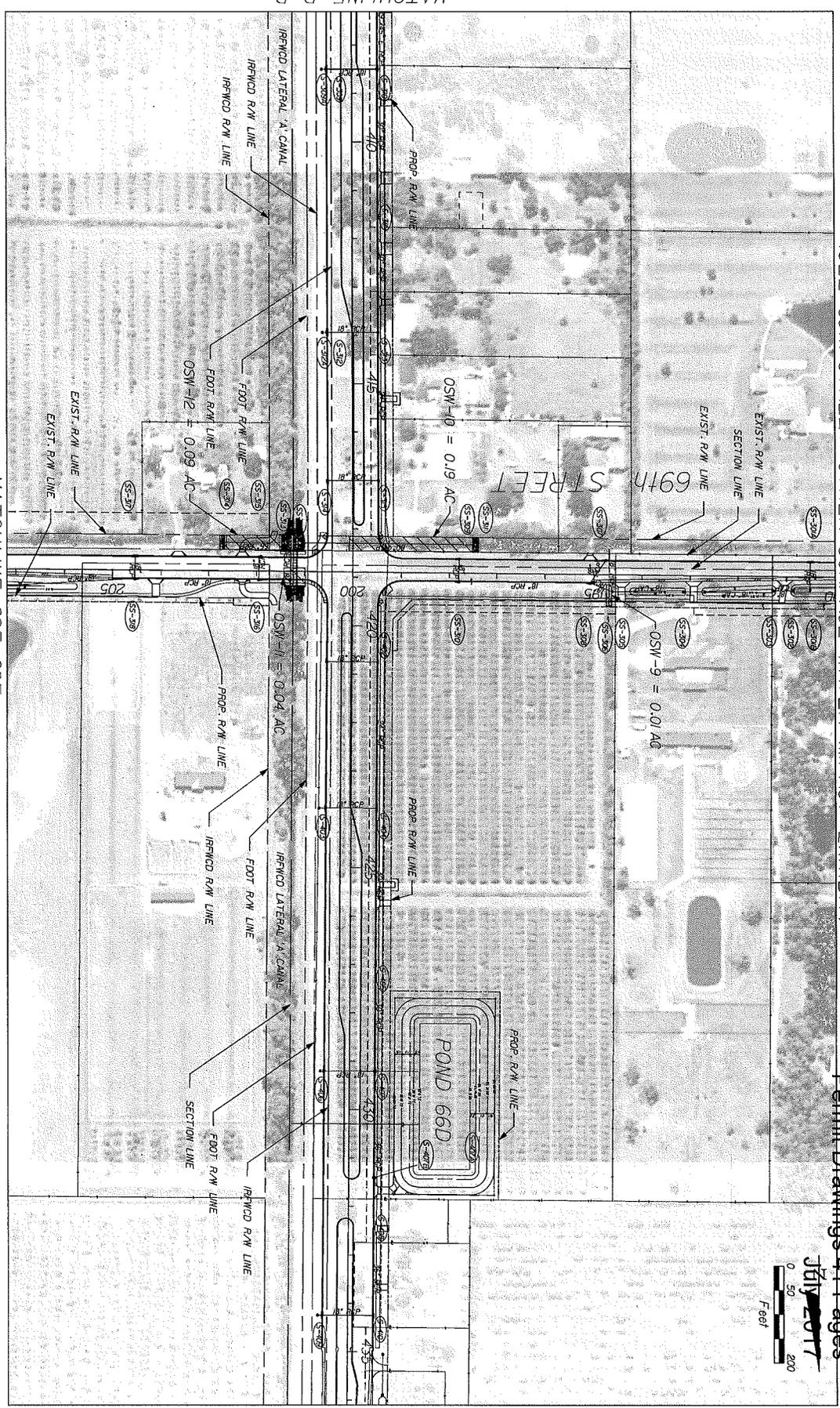


REVISIONS	DATE	BY	DESCRIPTION

Kimley-Horn INCORPORATED 445 RAIN STREET, SUITE 200 IRVING, TEXAS 75039 TEL: 972-440-0000 WWW.KIMLEY-HORN.COM	INDIAN RIVER COUNTY BOARD OF COUNTY COMMISSIONERS 664 AVENUE ROADWAY WIDENING - PHASE IB 494 STREET TO 694 STREET	664 AVENUE OTHER SURFACE WATER IMPACT EXHIBIT	EXHIBIT NO. 7B
	MATCHLINE 65E-65E (SEE 65th STREET OTHER SURFACE WATER IMPACT EXHIBIT)	65th St 1/27/2017	65th St 1/27/2017

MATCHLINE 69W-69W
 (SEE 69th STREET OTHER SURFACE WATER IMPACT EXHIBIT)

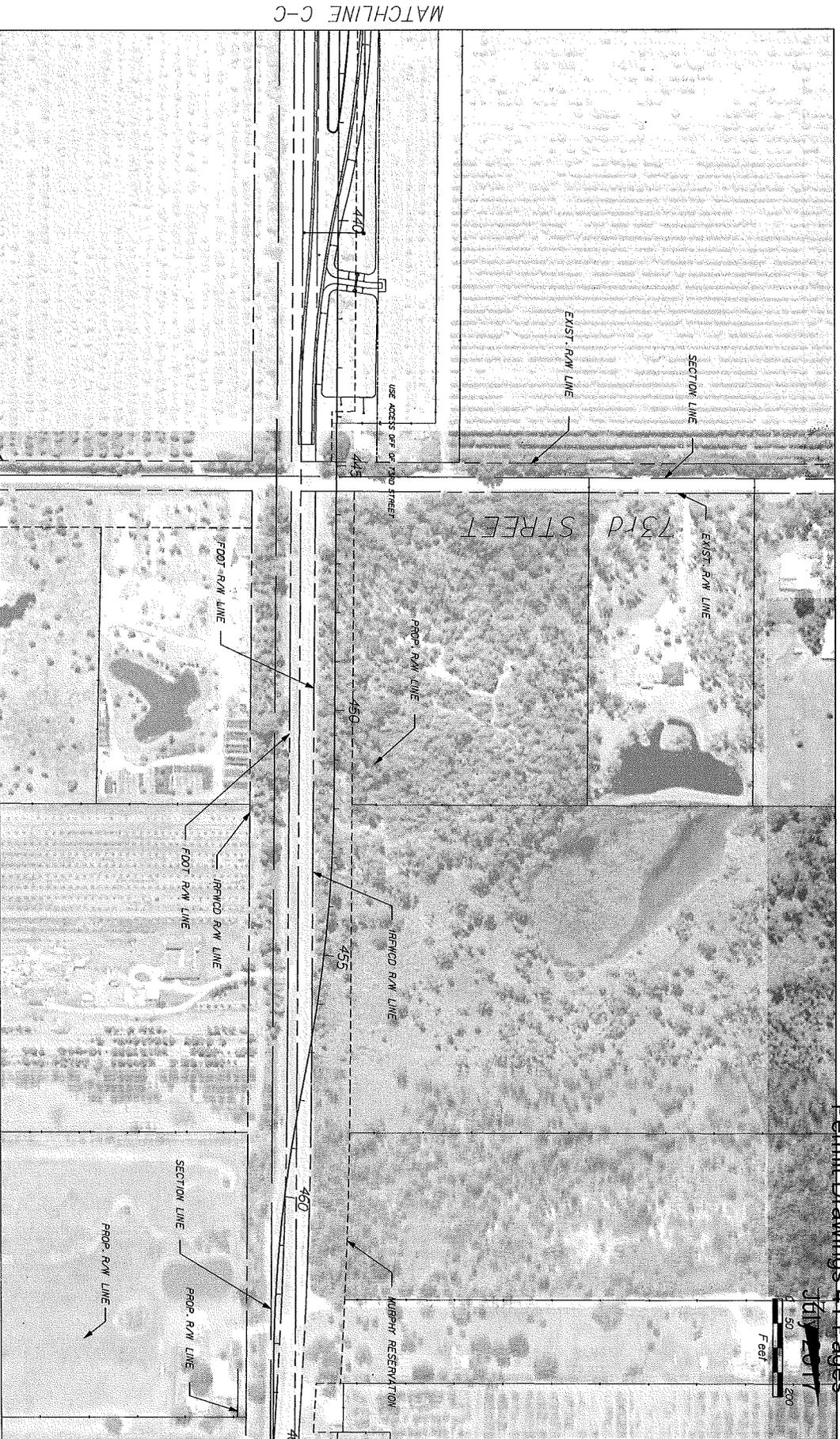
SAJ 2017-01526 - Attachment 1
 Permit Drawings 41 Pages



MATCHLINE 69E-69E
 (SEE 65th STREET OTHER SURFACE WATER IMPACT EXHIBIT)

DESCRIPTION	REVISIONS	DATE	BY	DESCRIPTION
Kimley-Horn PROFESSIONAL ENGINEERS 64 S 24th STREET, SUITE 200 WICHITA, KS 67203 CERTIFICATE OF AUTHORITY: 000000008				
INDIAN RIVER COUNTY BOARD OF COUNTY COMMISSIONERS 664 AVENUE ROADWAY WIDENING - PHASE 1B 494 STREET TO 694 STREET			664 AVENUE OTHER SURFACE WATER IMPACT EXHIBIT	
EXHIBIT NO. 7C				3/27/2017

July 2017



REVISIONS		DESCRIPTION
DATE	BY	DESCRIPTION

<p>Kimley»Horn</p> <p>800 N. 1500th St. P.O. Box 1000 Wichita, KS 67207 Tel: 316.261.1200 Fax: 316.261.1201 www.kimley-horn.com</p>	<p>INDIAN RIVER COUNTY BOARD OF COUNTY COMMISSIONERS 66th AVENUE ROADWAY WIDENING - PHASE IB 49th STREET TO 69th STREET</p>	<p>66th AVENUE OTHER SURFACE WATER IMPACT EXHIBIT</p>
<p>1/27/2017</p>	<p>5/25/2017</p>	<p>7D</p>

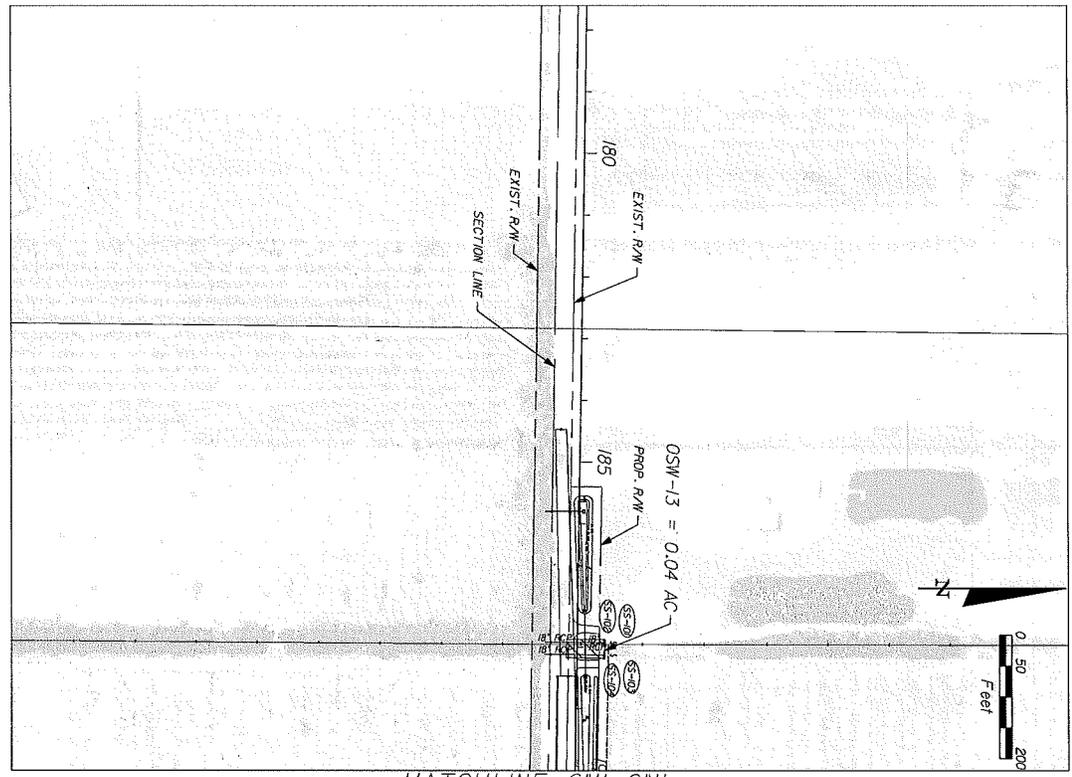
REVISIONS	DATE	BY	DESCRIPTION

Kimley-Horn
 721 N. GLENN AVENUE, SUITE 200
 DENVER, COLORADO 80202
 PHONE: 303.733.1200
 FAX: 303.733.1201
 WWW.KIMLEY-HORN.COM

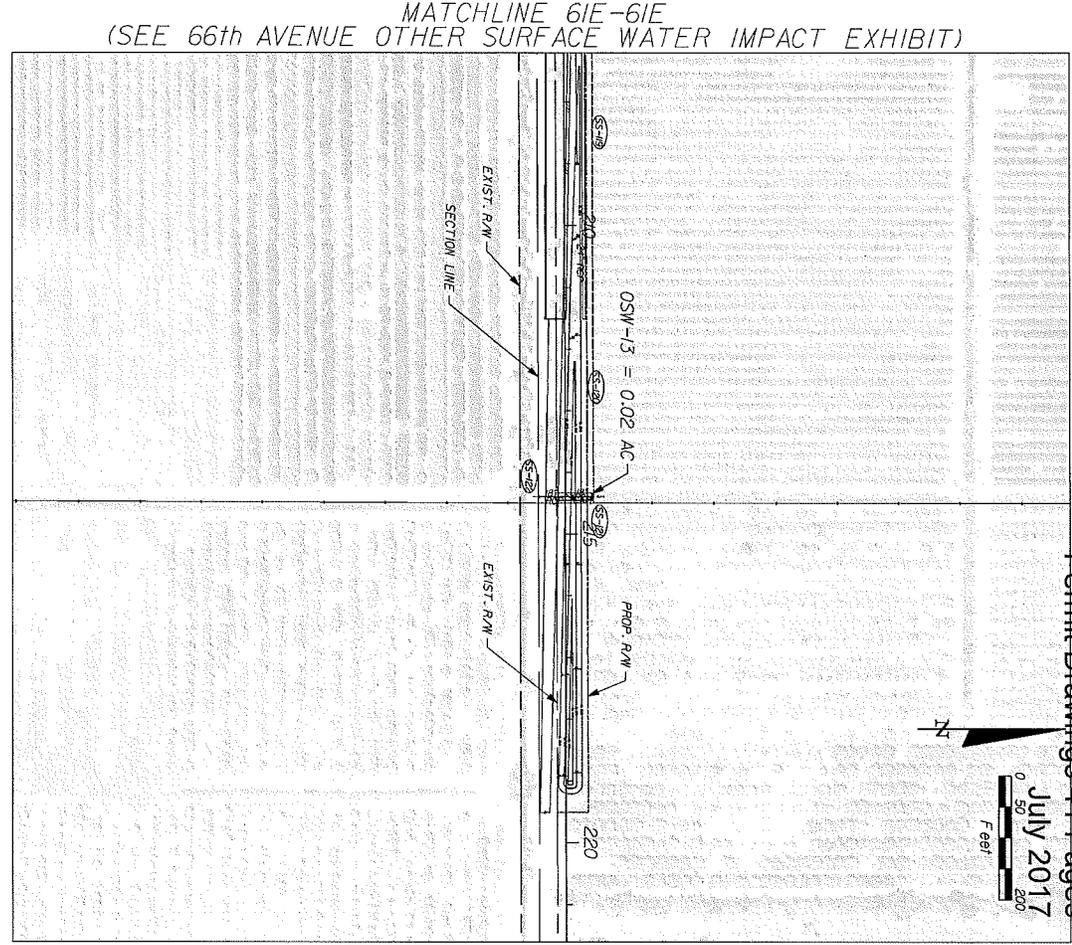
INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS
 664 AVENUE ROADWAY WIDENING -
 PHASE 1B 494 STREET TO 694 STREET

614 STREET
 OTHER SURFACE WATER
 IMPACT EXHIBIT

EXHIBIT NO. 7E



MATCHLINE 6W-6W
 (SEE 66th AVENUE OTHER SURFACE WATER IMPACT EXHIBIT)



MATCHLINE 6IE-6IE
 (SEE 66th AVENUE OTHER SURFACE WATER IMPACT EXHIBIT)

SAJ 2017-01526 - Attachment 1
 Permit Drawings 41 Pages
 July 2017

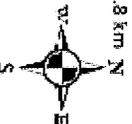
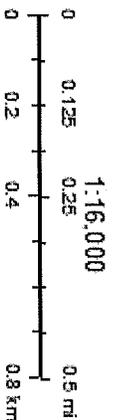


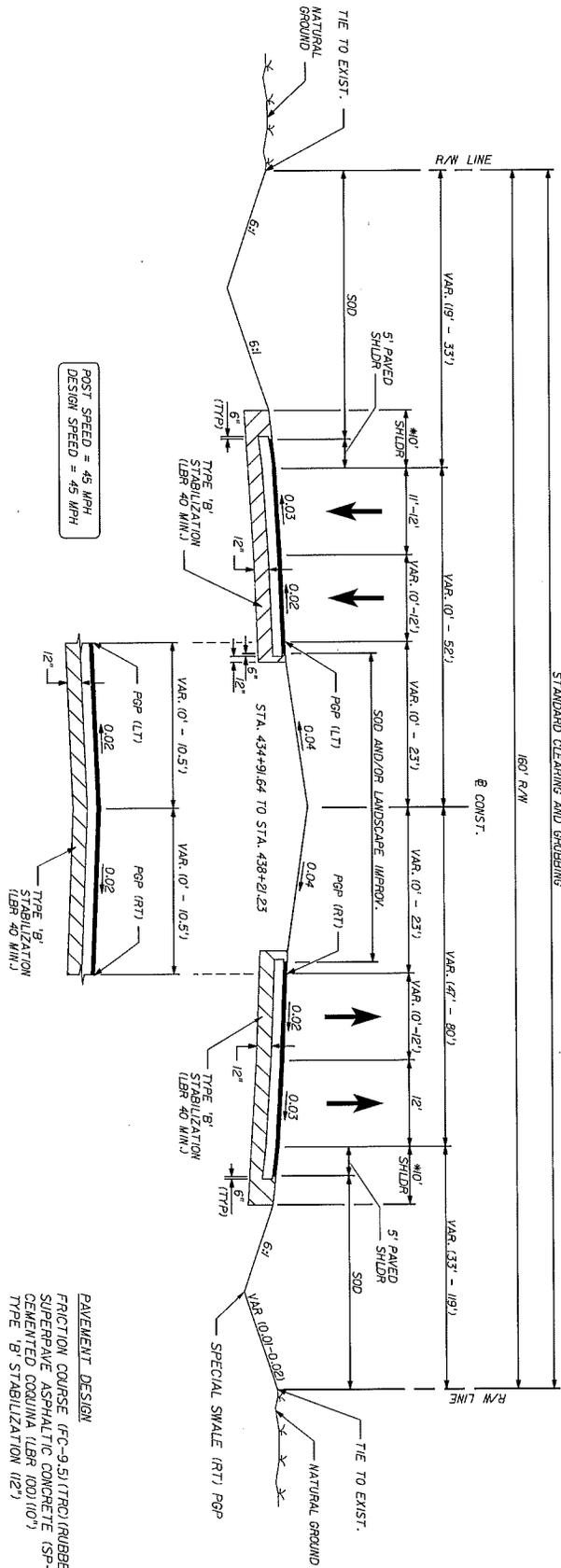
May 2, 2017

County : Indian River

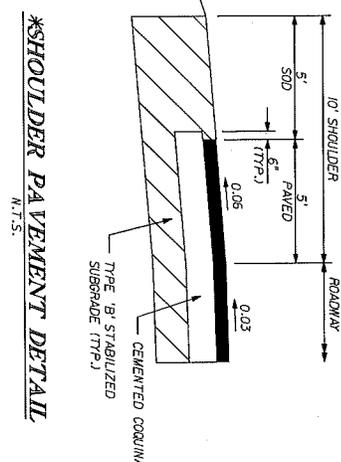
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Parcel(s) : 32390700001009000001.0,32391800001001000001.0,323908000001005000001.1....





STA. 434+91.64 TO STA. 444+57.04



PAVEMENT DESIGN
 FRICTION COURSE (FC-9.5)(TRC)(RUBBER)(.25")
 SUPERPAVE ASPHALTIC CONCRETE (SP-12.5)(TRC)(.75")
 CEMENTED CORIUM (LBR 100/100)
 TYPE 'B' STABILIZATION (12")

REVISIONS	DATE	DESCRIPTION	SHEET NO.
			14

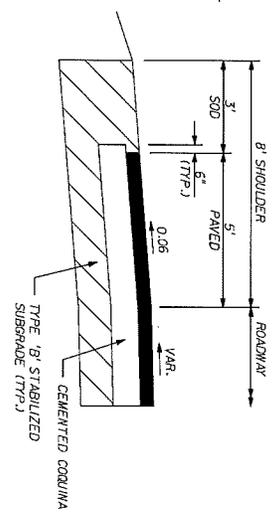
Kimley»Horn
 664 AVENUE ROADWAY WIDENING - PHASE IB 494 STREET TO 694 STREET
 INDIAN RIVER COUNTY BOARD OF COUNTY COMMISSIONERS

664 AVENUE ROADWAY WIDENING - PHASE IB 494 STREET TO 694 STREET

SAJ 2017-01526 - Attachment 1
 Permit Drawings 41 Pages
 July 2017

PAVEMENT DESIGN
 FRICTION COURSE (FC-9.5) (TRC) (RUBBER) (I.25")
 SUPERPAVE ASPHALTIC CONCRETE (SP-12.5) (TRC) (I.75")
 CEMENTED COQUINA (LBR 100) (I.0")
 TYPE 'B' STABILIZATION (I.2")

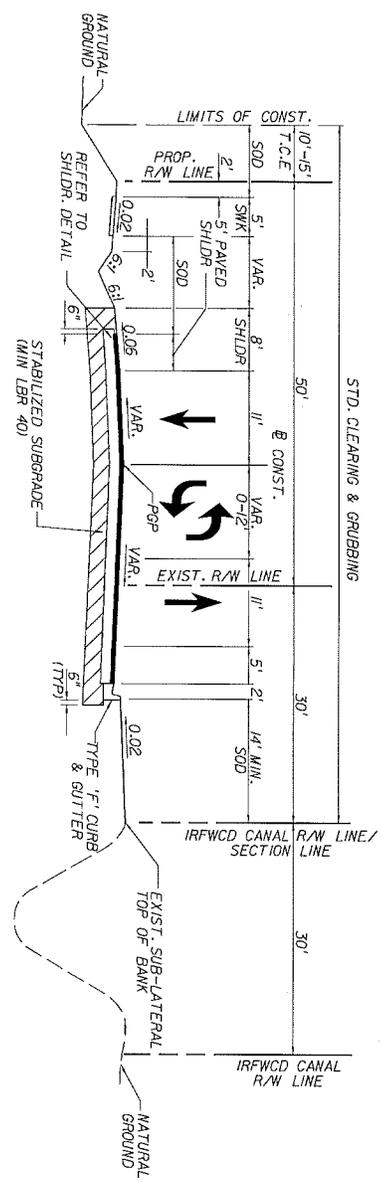
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 TYPE 'B' STABILIZATION (I.2")



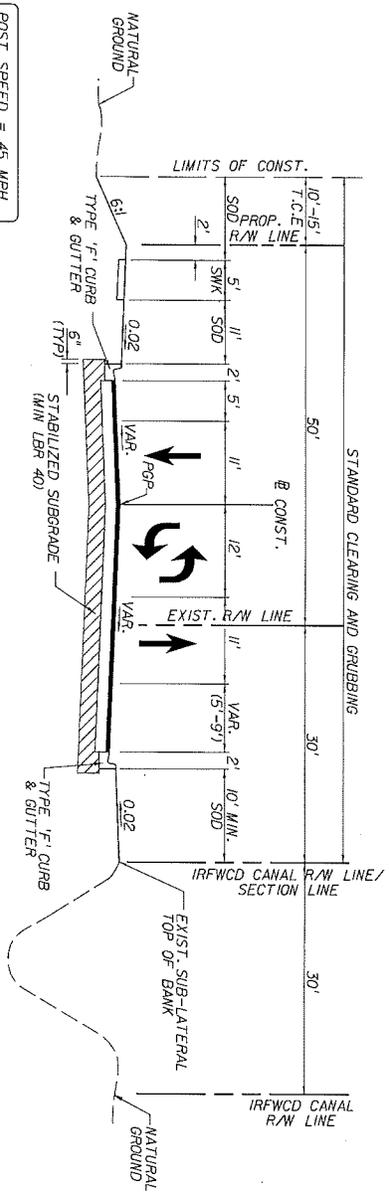
SHOULDER PAVEMENT DETAIL
 N.T.S.

PAVEMENT DESIGN
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 SUPERPAVE ASPHALTIC CONCRETE (SP-12.5) (TRC) (I.75")
 CEMENTED COQUINA (LBR 100) (I.0")
 TYPE 'B' STABILIZATION (I.2")

STABILIZED ROADWAY DESIGN (STA. 211+51.14 TO STA. 211+51.14)
 CEMENTED COQUINA (LBR 100) (I.0")
 TYPE 'B' STABILIZATION (I.2")



STA. 188+47.81 TO STA. 194+97.81
 STA. 205+01.14 TO STA. 211+51.14



STA. 194+97.81 TO STA. 205+01.14

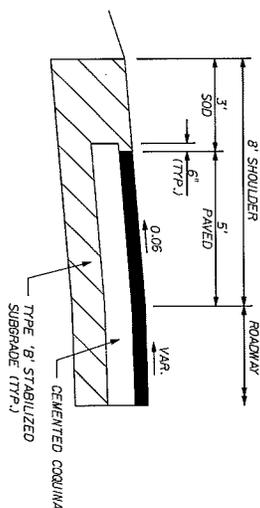
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 DESIGN SPEED = 45 MPH

REVISIONS	DATE	BY	DESCRIPTION

DESCRIPTION 664 AVENUE ROADWAY WIDENING - PHASE 1B 964 STREET TO 694 STREET	KIMLEY HORN 600 ALABAMA AVE. N. SUITE 100 445 2ND STREET, SUITE 200 FORT WORTH, TX 76102 PHONE: 817.339.2400 FAX: 817.339.2401 WWW.KIMLEYHORN.COM	INDIAN RIVER COUNTY BOARD OF COUNTY COMMISSIONERS 664 AVENUE ROADWAY WIDENING - PHASE 1B 964 STREET TO 694 STREET	SHEET NO. 15
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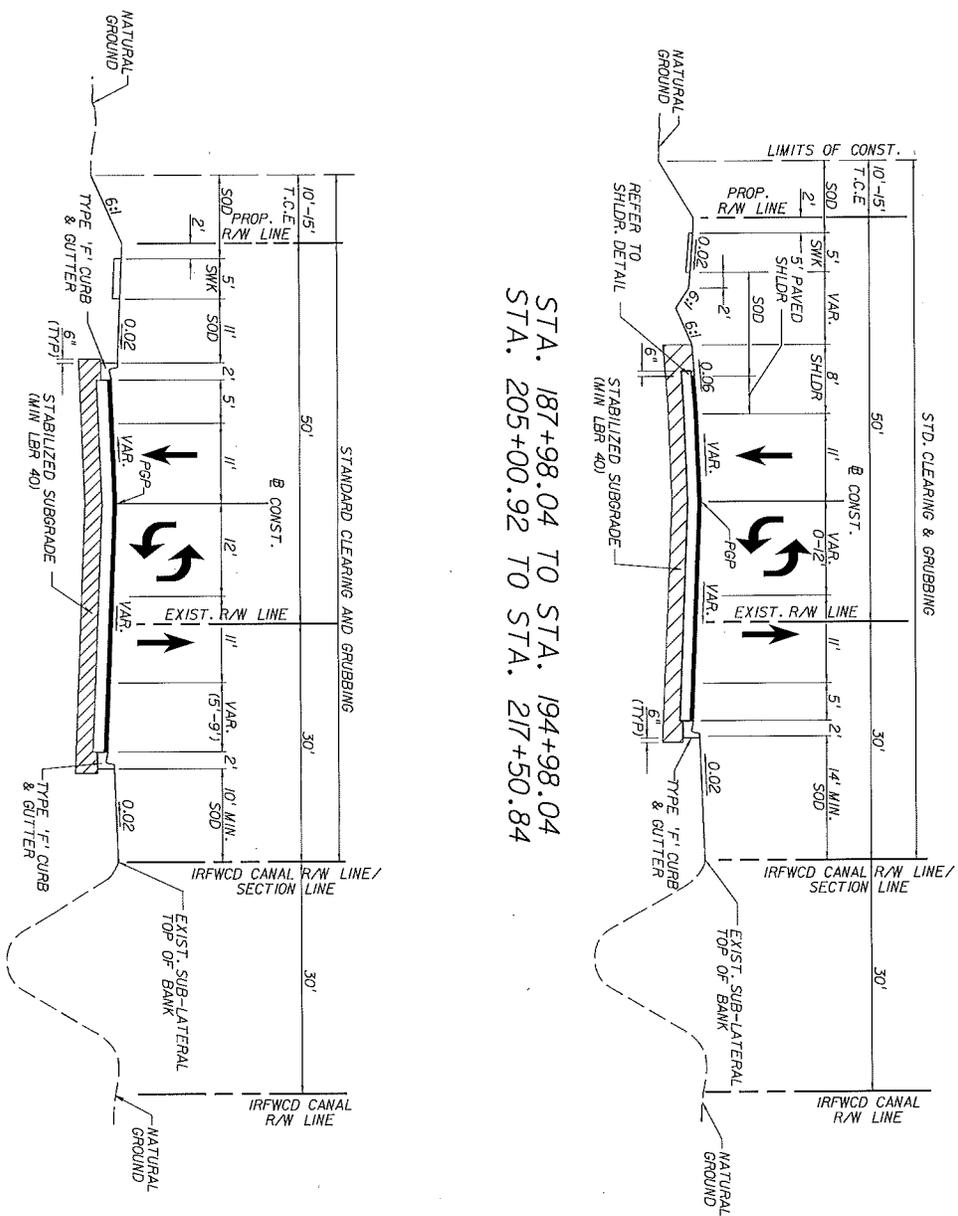
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 SUPERPAVE ASPHALTIC CONCRETE (SP-12.5)(TRC)(1.75")
 CEMENTED COQUINA (LBR 100)(10")
 TYPE 'B' STABILIZATION (12")

STABILIZED ROADWAY DESIGN (STA. 187+48.04 TO STA. 187+98.04)
 CEMENTED COQUINA (LBR 100)(10")
 TYPE 'B' STABILIZATION (12")



***SHOULDER PAVEMENT DETAIL**
 N.T.S.

PAVEMENT DESIGN
 FRICTION COURSE (FC-9.5)(TRC)(RUBBER)(1.25")
 SUPERPAVE ASPHALTIC CONCRETE (SP-12.5)(TRC)(1.75")
 CEMENTED COQUINA (LBR 100)(10")
 TYPE 'B' STABILIZATION (12")



POST SPEED = 45 MPH
 DESIGN SPEED = 45 MPH

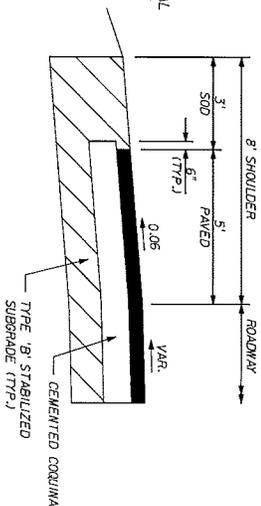
STA. 194+98.04 TO STA. 205+00.92

REVISIONS	DATE	BY	DESCRIPTION

KIMLEY-HORN INC. 601 N. MILPITAS AVE. SAN JOSE, CA 95128 TEL: (408) 251-8800 FAX: (408) 251-8801 WWW.KIMLEY-HORN.COM	INDIAN RIVER COUNTY BOARD OF COUNTY COMMISSIONERS 664 AVENUE ROADWAY WIDENING - PHASE IB 494 STREET TO 694 STREET
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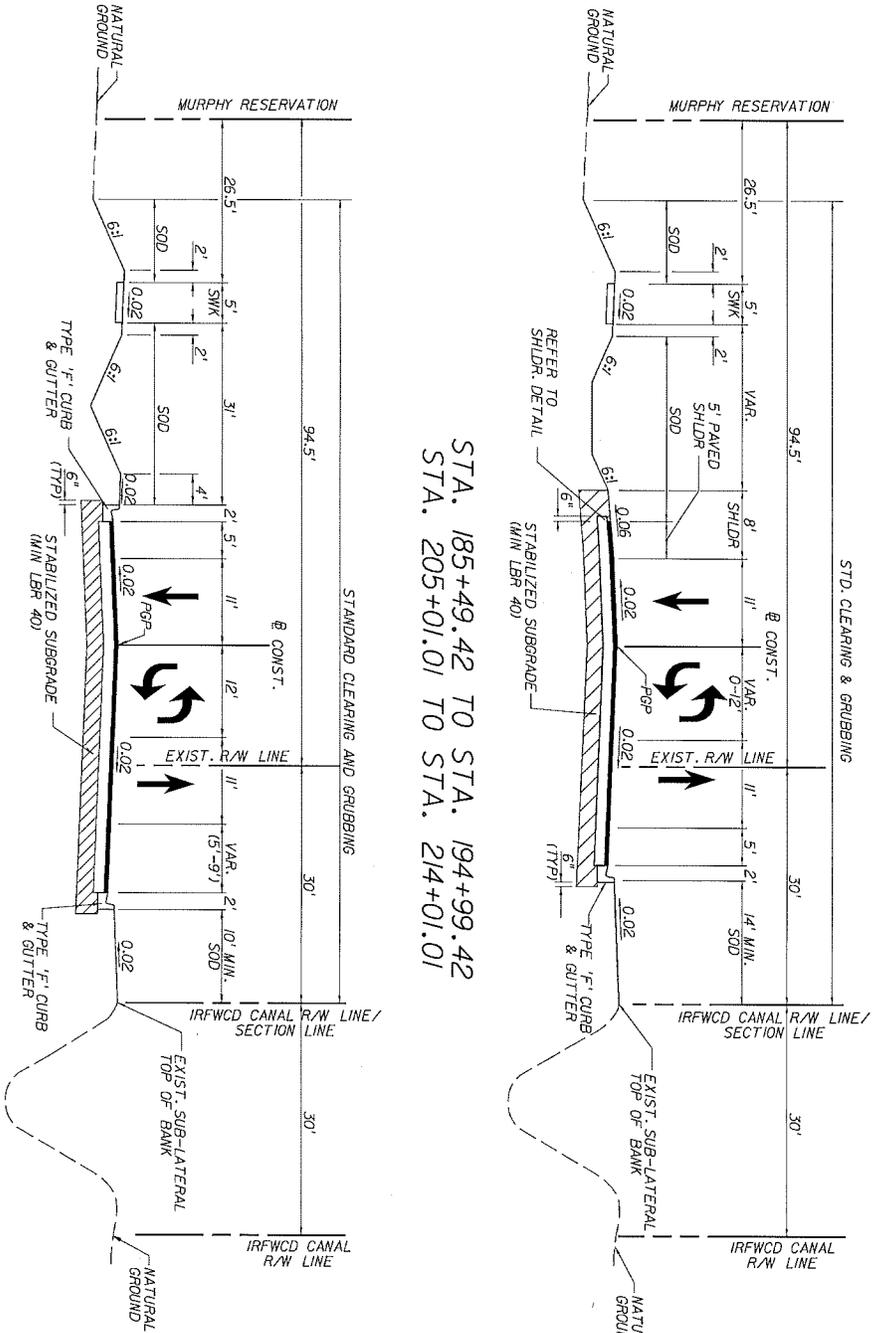
6544 STREET TYPICAL SECTION	SHEET NO. 16
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PAVEMENT DESIGN
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 SUPERPAVE ASPHALTIC CONCRETE (SP-12.5) (TRC) (1.75")
 CEMENTED CORQUINA (LBR 100) (10")
 TYPE 'B' STABILIZATION (12")



SHOULDER PAVEMENT DETAIL
 N.T.S.

PAVEMENT DESIGN
 FRICTION COURSE (FC-9.5) (TRC) (RUBBER) (1.25")
 SUPERPAVE ASPHALTIC CONCRETE (SP-12.5) (TRC) (1.75")
 CEMENTED CORQUINA (LBR 100) (10")
 TYPE 'B' STABILIZATION (12")



STA. 194+99.42 TO STA. 205+01.01

POST SPEED = 45 MPH
 DESIGN SPEED = 45 MPH

REVISIONS		DESCRIPTION
NO.	DATE	DESCRIPTION

<p>Kimley-Horn 2010000000 465 ZANE STREET, SUITE 200 RIVERVIEW, MI 48070 (734) 794-4400 SERVICE CONTRACT NO. A1900021000-0000000</p>	<p>INDIAN RIVER COUNTY BOARD OF COUNTY COMMISSIONERS 664 AVENUE ROADWAY WIDENING - PHASE 1B 694 STREET TO 694 STREET</p>	<p>694 STREET TYPICAL SECTION</p>
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BEGIN 66th AVENUE ROADWAY
IMPROVEMENTS PHASE 1B
SEGMENT 2
STA. 354+00.00

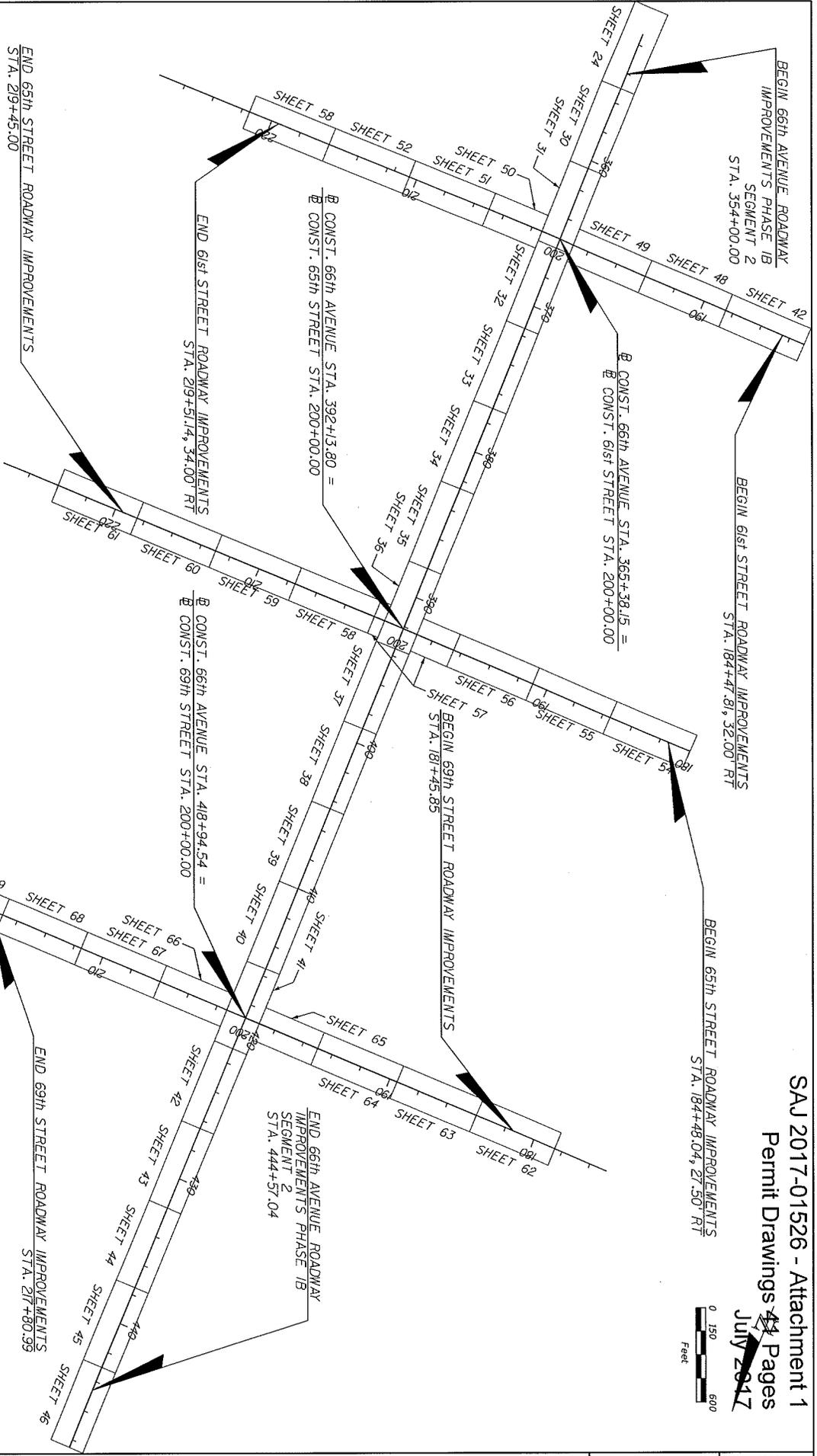
BEGIN 61st STREET ROADWAY IMPROVEMENTS
STA. 184+47.81, 32.00' RT

BEGIN 65th STREET ROADWAY IMPROVEMENTS
STA. 184+48.04, 27.50' RT

SAJ 2017-01526 - Attachment 1

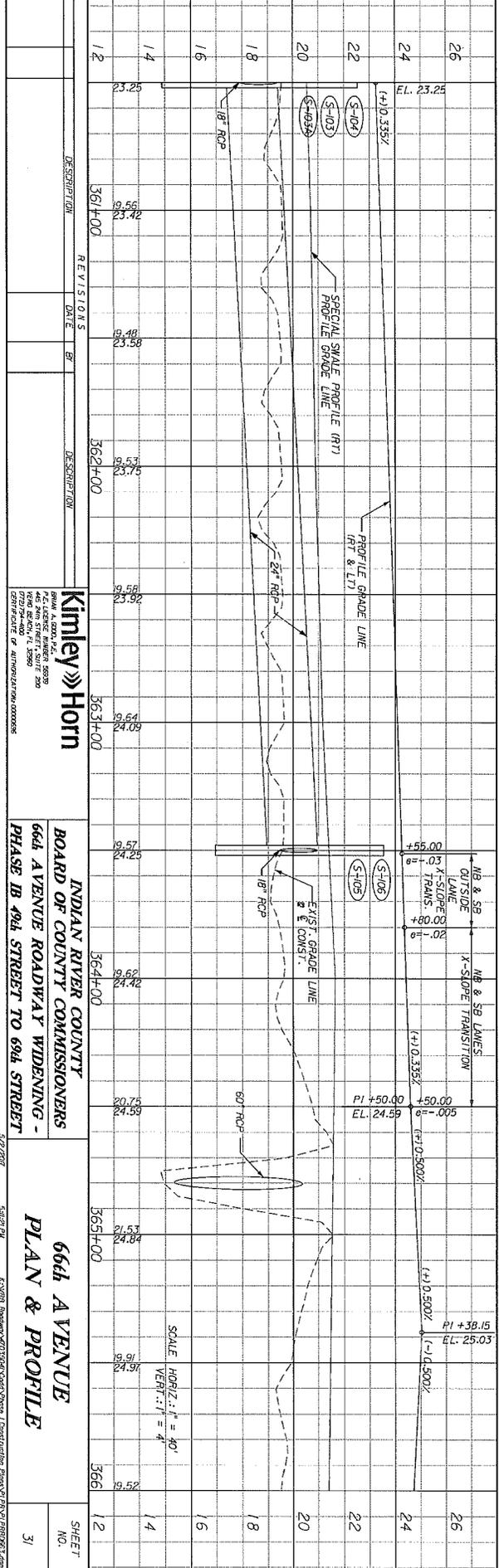
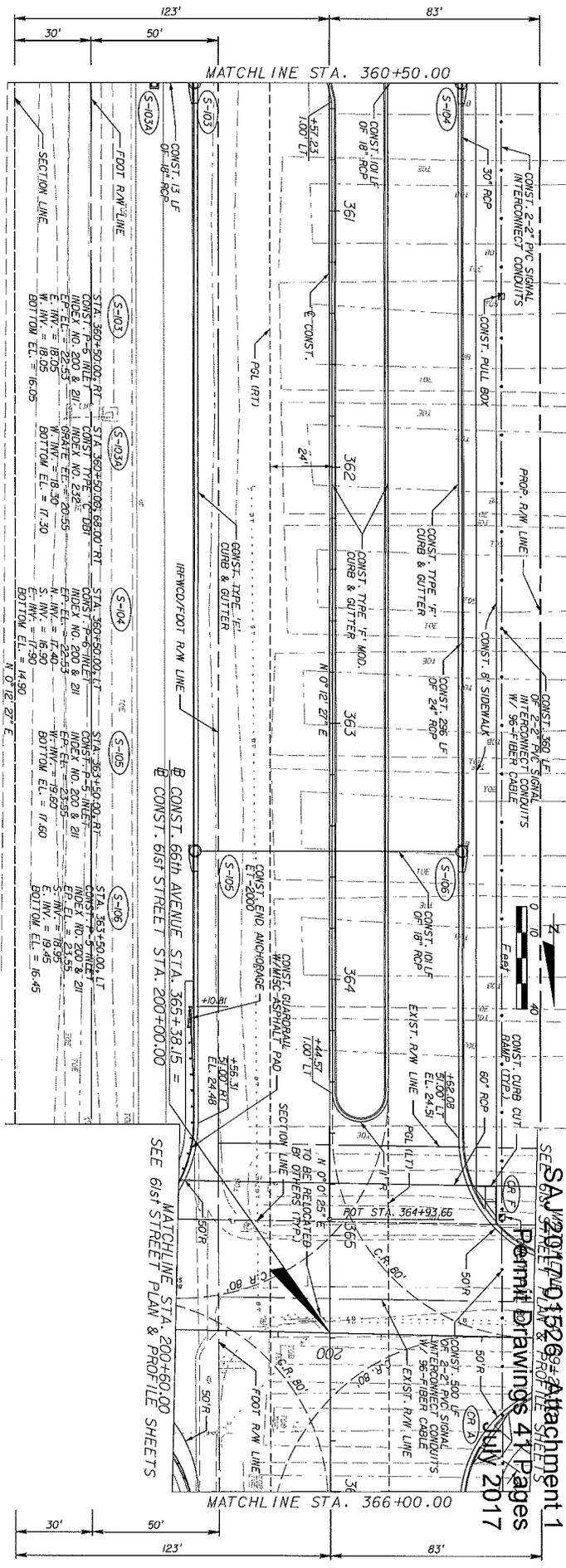
Permit Drawings 41 Pages

July 2017



REVISIONS	DATE	BY	DESCRIPTION

Kimley-Horn <small>BRUNN A. LORSON, P.E. P.E. LICENSE NUMBER 28289 1600 BUCKLE, F. 15800 WESTVILLE, OH 43081 TEL: 614.891.1100 FAX: 614.891.1101 WWW.KIMLEY-HORN.COM</small>	INDIAN RIVER COUNTY BOARD OF COUNTY COMMISSIONERS 66th AVENUE ROADWAY WIDENING - PHASE 1B 61st STREET TO 69th STREET	PROJECT LAYOUT	SHEET NO. 28
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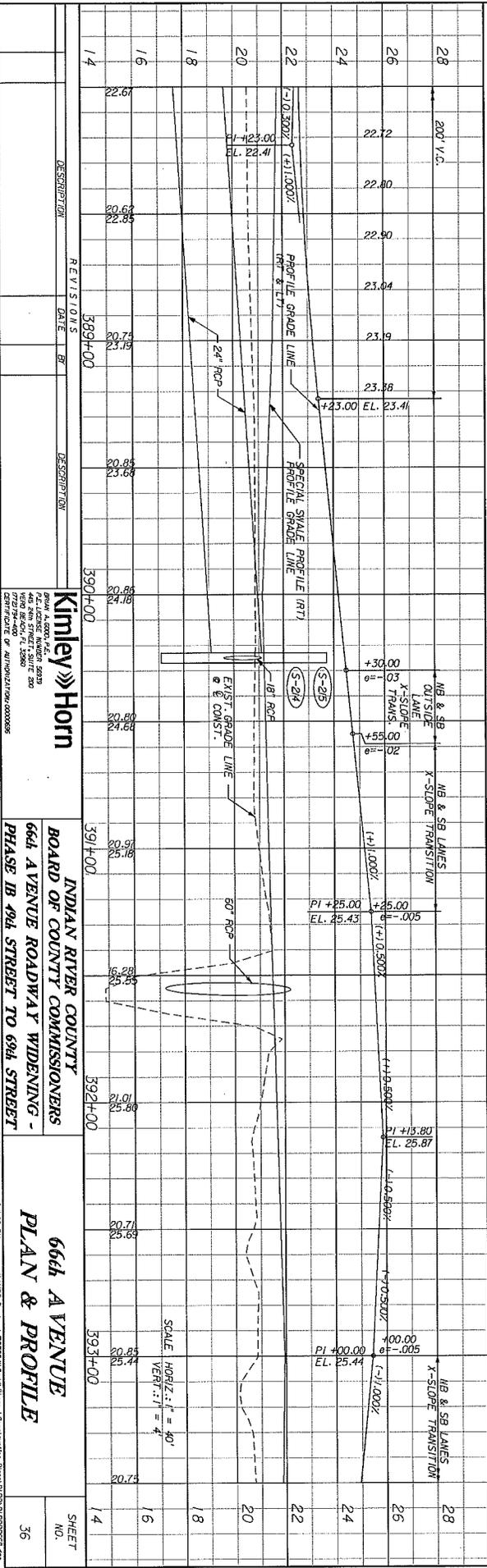
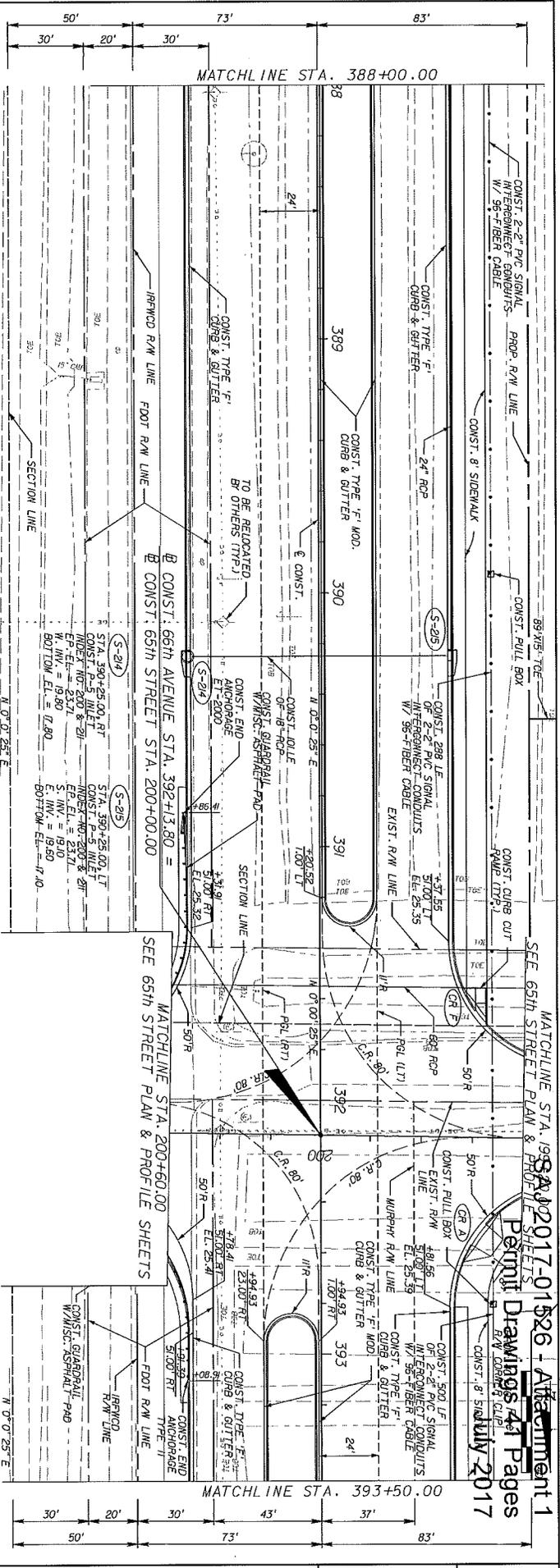
DESCRIPTION	DATE	BY	DESCRIPTION
REVISIONS			

Kimley-Horn
 664 AVENUE ROADWAY WIDENING -
 PHASE 1B 694 STREET TO 694 STREET

**INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS**
 664 AVENUE ROADWAY WIDENING -
 PHASE 1B 694 STREET TO 694 STREET

66th AVENUE
 PLAN & PROFILE

SA 1505-1506-1507-1508-1509-1510-1511-1512-1513-1514-1515-1516-1517-1518-1519-1520-1521-1522-1523-1524-1525-1526-1527-1528-1529-1530-1531-1532-1533-1534-1535-1536-1537-1538-1539-1540-1541-1542-1543-1544-1545-1546-1547-1548-1549-1550-1551-1552-1553-1554-1555-1556-1557-1558-1559-1560-1561-1562-1563-1564-1565-1566-1567-1568-1569-1570-1571-1572-1573-1574-1575-1576-1577-1578-1579-1580-1581-1582-1583-1584-1585-1586-1587-1588-1589-1590-1591-1592-1593-1594-1595-1596-1597-1598-1599-1600-1601-1602-1603-1604-1605-1606-1607-1608-1609-1610-1611-1612-1613-1614-1615-1616-1617-1618-1619-1620-1621-1622-1623-1624-1625-1626-1627-1628-1629-1630-1631-1632-1633-1634-1635-1636-1637-1638-1639-1640-1641-1642-1643-1644-1645-1646-1647-1648-1649-1650-1651-1652-1653-1654-1655-1656-1657-1658-1659-1660-1661-1662-1663-1664-1665-1666-1667-1668-1669-1670-1671-1672-1673-1674-1675-1676-1677-1678-1679-1680-1681-1682-1683-1684-1685-1686-1687-1688-1689-1690-1691-1692-1693-1694-1695-1696-1697-1698-1699-1700-1701-1702-1703-1704-1705-1706-1707-1708-1709-1710-1711-1712-1713-1714-1715-1716-1717-1718-1719-1720-1721-1722-1723-1724-1725-1726-1727-1728-1729-1730-1731-1732-1733-1734-1735-1736-1737-1738-1739-1740-1741-1742-1743-1744-1745-1746-1747-1748-1749-1750-1751-1752-1753-1754-1755-1756-1757-1758-1759-1760-1761-1762-1763-1764-1765-1766-1767-1768-1769-1770-1771-1772-1773-1774-1775-1776-1777-1778-1779-1780-1781-1782-1783-1784-1785-1786-1787-1788-1789-1790-1791-1792-1793-1794-1795-1796-1797-1798-1799-1800-1801-1802-1803-1804-1805-1806-1807-1808-1809-1810-1811-1812-1813-1814-1815-1816-1817-1818-1819-1820-1821-1822-1823-1824-1825-1826-1827-1828-1829-1830-1831-1832-1833-1834-1835-1836-1837-1838-1839-1840-1841-1842-1843-1844-1845-1846-1847-1848-1849-1850-1851-1852-1853-1854-1855-1856-1857-1858-1859-1860-1861-1862-1863-1864-1865-1866-1867-1868-1869-1870-1871-1872-1873-1874-1875-1876-1877-1878-1879-1880-1881-1882-1883-1884-1885-1886-1887-1888-1889-1890-1891-1892-1893-1894-1895-1896-1897-1898-1899-1900-1901-1902-1903-1904-1905-1906-1907-1908-1909-1910-1911-1912-1913-1914-1915-1916-1917-1918-1919-1920-1921-1922-1923-1924-1925-1926-1927-1928-1929-1930-1931-1932-1933-1934-1935-1936-1937-1938-1939-1940-1941-1942-1943-1944-1945-1946-1947-1948-1949-1950-1951-1952-1953-1954-1955-1956-1957-1958-1959-1960-1961-1962-1963-1964-1965-1966-1967-1968-1969-1970-1971-1972-1973-1974-1975-1976-1977-1978-1979-1980-1981-1982-1983-1984-1985-1986-1987-1988-1989-1990-1991-1992-1993-1994-1995-1996-1997-1998-1999-2000



Kimley»Horn
 66th Avenue Roadway Widening -
 Phase IB 494 Street to 694 Street

INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS

66th Avenue
 PLAN & PROFILE

SHEET NO. 36

Permit Drawings 47 Pages
 5/17/2017

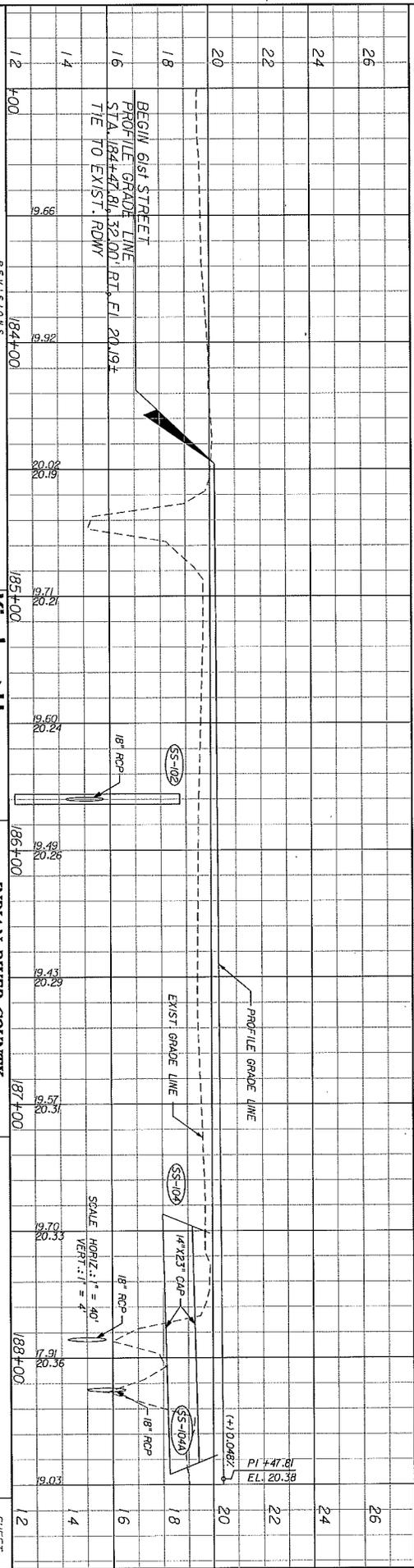
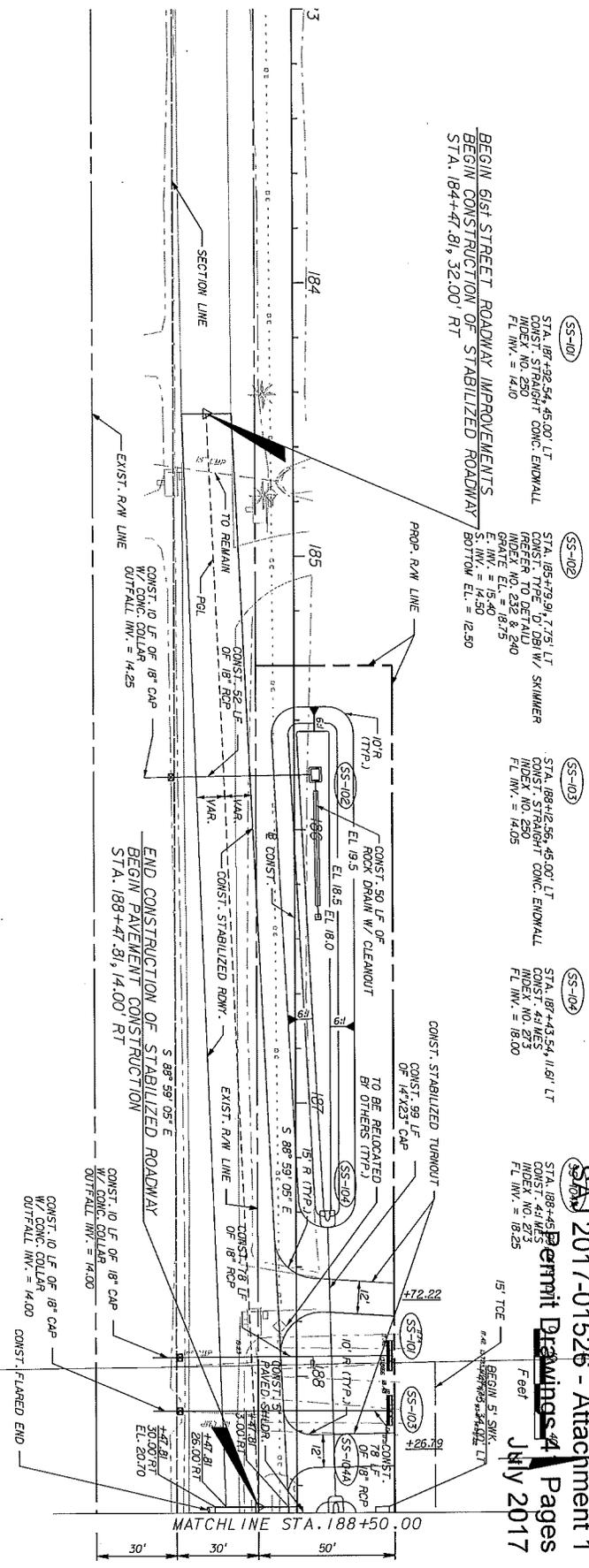
(SS-101) STA. 187+92.54, 45.00' LT
 CONST. STRAIGHT CONC. ENDWALL
 INDEX NO. 250
 FL INV. = 14.10

(SS-102) STA. 185+79.91, 7.75' LT
 CONST. TYPE 'D' DBI W/ SKINNER
 REFER TO DETAIL
 INDEX NO. 252 & 250
 FL INV. = 14.10

(SS-103) STA. 188+12.56, 45.00' LT
 CONST. STRAIGHT CONC. ENDWALL
 INDEX NO. 250
 FL INV. = 14.05

(SS-104) STA. 187+43.54, 11.81' LT
 CONST. 43' W/S
 INDEX NO. 273
 FL INV. = 16.00

(SA) 2017-01526 - Attachment 1
 Permit Drawings
 July 2017



NO.	DESCRIPTION	DATE	BY	DESCRIPTION
12	400	184+00		
14	9.66	185+00		
16	19.71	186+00		
18	19.60	187+00		
20	19.43	187+00		
22	19.70	187+00		
24	19.03	188+00		
26	19.03	188+00		

Kimley»Horn
 CIVIL ENGINEERS
 664 AVENUE ROADWAY WIDENING -
 PHASE IB 494 STREET TO 694 STREET

INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS

61st STREET
 PLAN & PROFILE

SHEET NO. 47

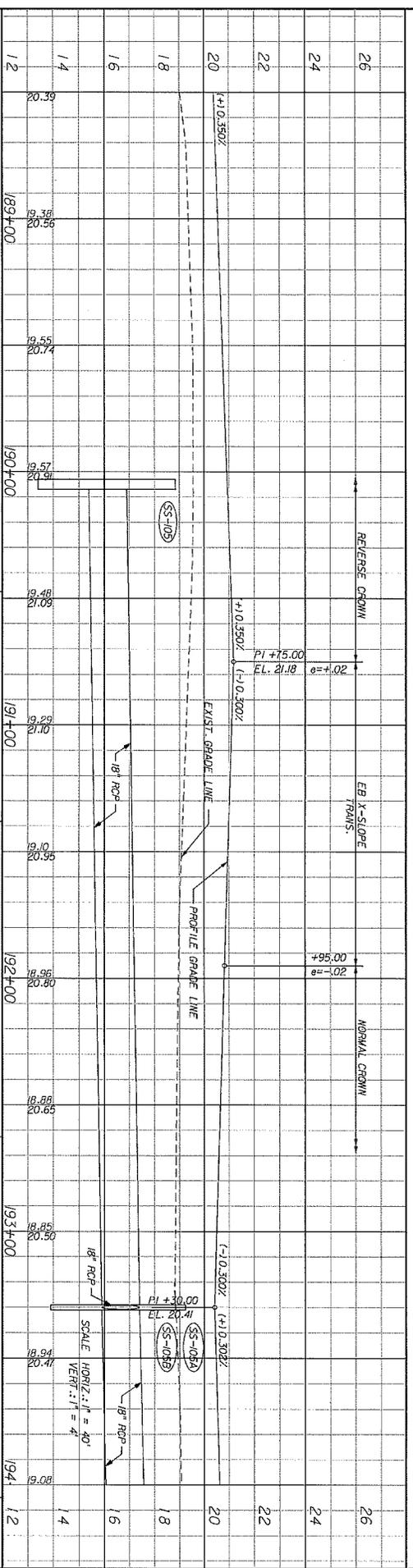
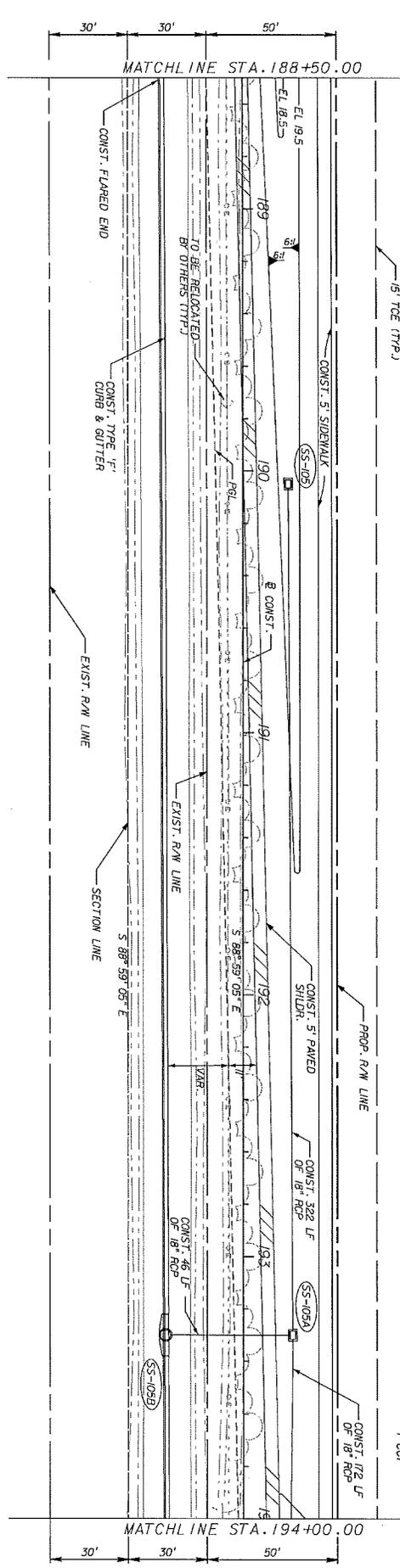
(SS-105) STA. 190+05.00, 17.50' LT
 CONST. TYPE "C" DBI
 INDEX NO. 232
 GRATE EL. = 18.85
 S. INV. = 15.40
 BOTTOM EL. = 13.40

(SS-105A) STA. 193+30.00, 19.00' LT
 CONST. TYPE "C" DBI
 INDEX NO. 232
 GRATE EL. = 19.25
 S. INV. = 15.30
 W. INV. = 15.90
 BOTTOM EL. = 13.90

(SS-105B) STA. 193+30.00, RT
 CONST. TYPE "P-6" INLET
 INDEX NO. 211
 GR. EL. = 19.91
 S. INV. = 16.00
 BOTTOM EL. = 14.00



SAJ 2017-01526 - Attachment 1
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 July 2017



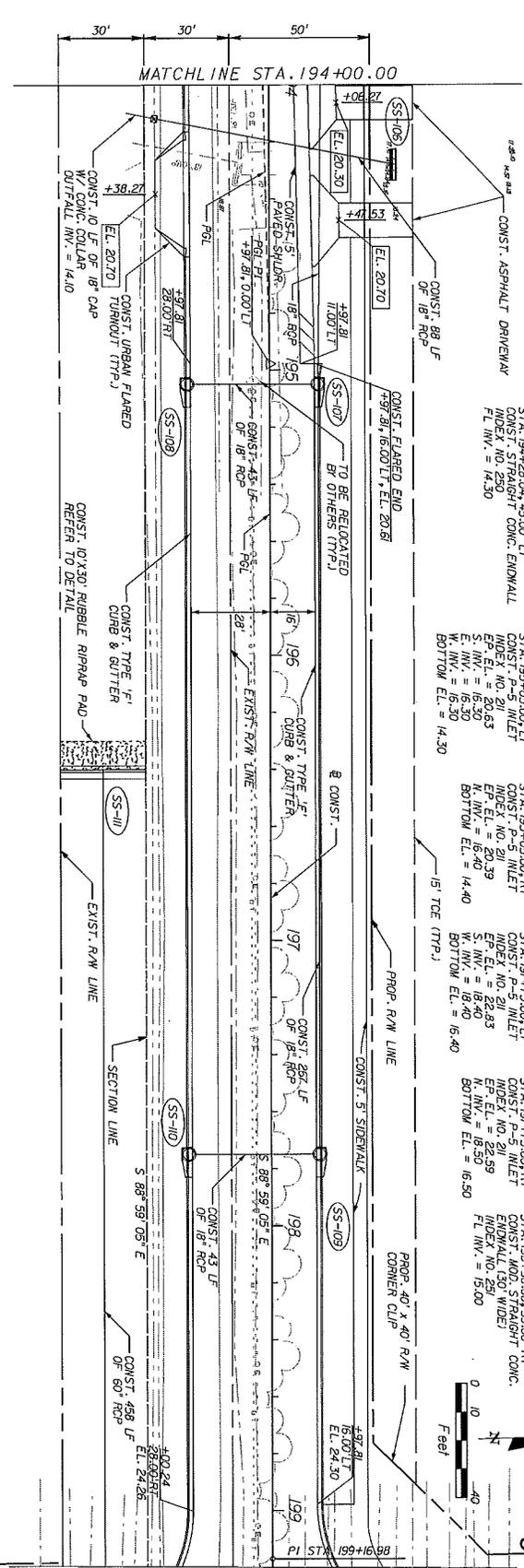
NO.	DATE	REVISIONS
12	189+00	19.36 20.56
14	190+00	19.57 20.77
16	191+00	19.48 21.09
18	192+00	19.10 20.35
20	192+00	18.95 20.20
22	193+00	18.68 20.65
24	193+00	18.85 20.50
26	194+00	18.54 20.41
12	194+00	19.08

Kimley-Horn
 PROFESSIONAL ENGINEERS
 445 2ND STREET, SUITE 200
 WYOMING, WY 82002
 (307) 779-4400
 CERTIFICATE OF AUTHORITY: 17000-0000088

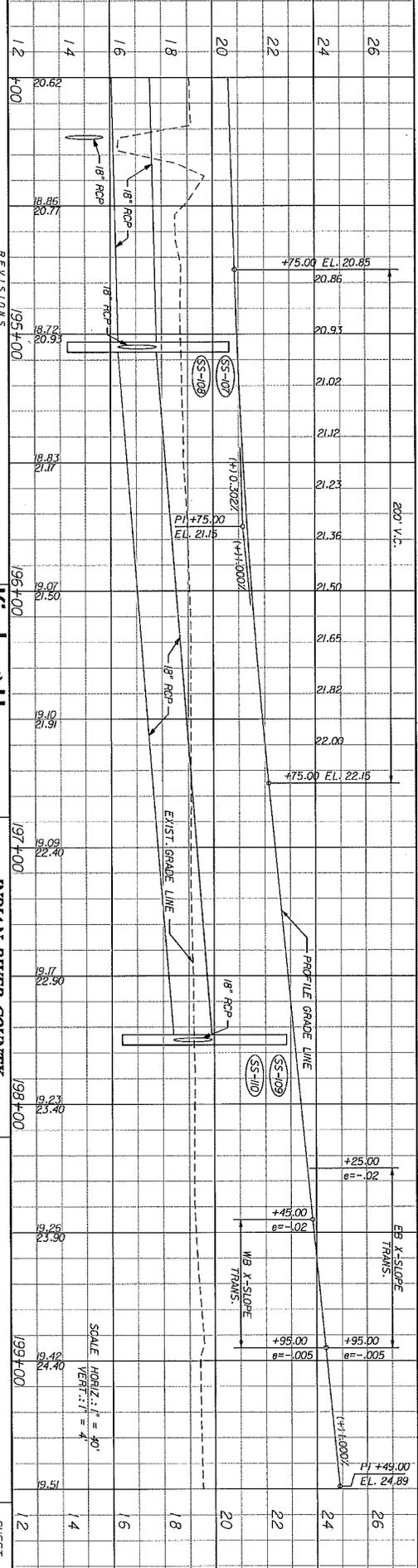
INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS
 664 AVENUE ROADWAY WIDENING -
 PHASE 1B 494 STREET TO 694 STREET

6th STREET
PLAN & PROFILE

SHEET NO. 48



MATCHLINE STA. 199+20.00
 SEE 661^h AVENUE PLAN & PROFILE SHEETS



STATION	ELEVATION (FT)	REVISIONS
194+00	20.62	1951+00
194+00	20.77	1951+00
194+00	20.93	1951+00
194+00	21.17	1951+00
194+00	21.36	1951+00
194+00	21.50	1951+00
194+00	21.65	1951+00
194+00	21.82	1951+00
194+00	22.00	1951+00
194+00	22.16	1951+00
194+00	22.40	1951+00
194+00	22.50	1951+00
194+00	22.59	1951+00
194+00	23.40	1951+00
194+00	23.90	1951+00
194+00	24.40	1951+00
194+00	24.89	1951+00

EB X-SLOPE
 TRANS.
 e = +0.02
 e = -0.02

WB X-SLOPE
 TRANS.
 e = +0.005
 e = -0.005

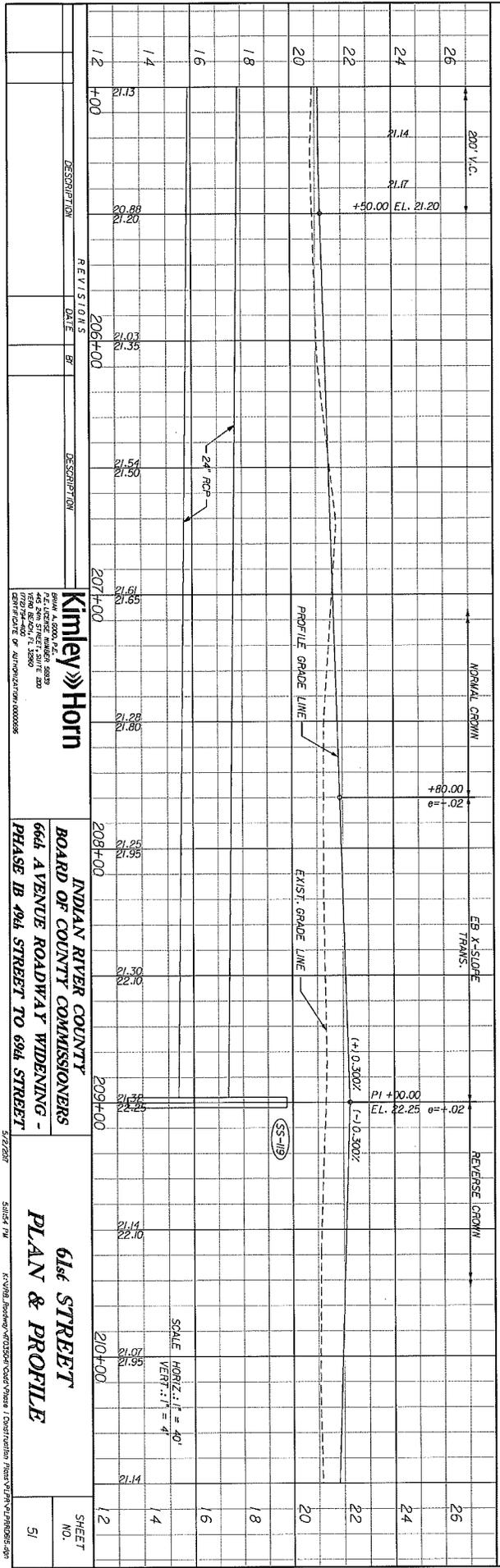
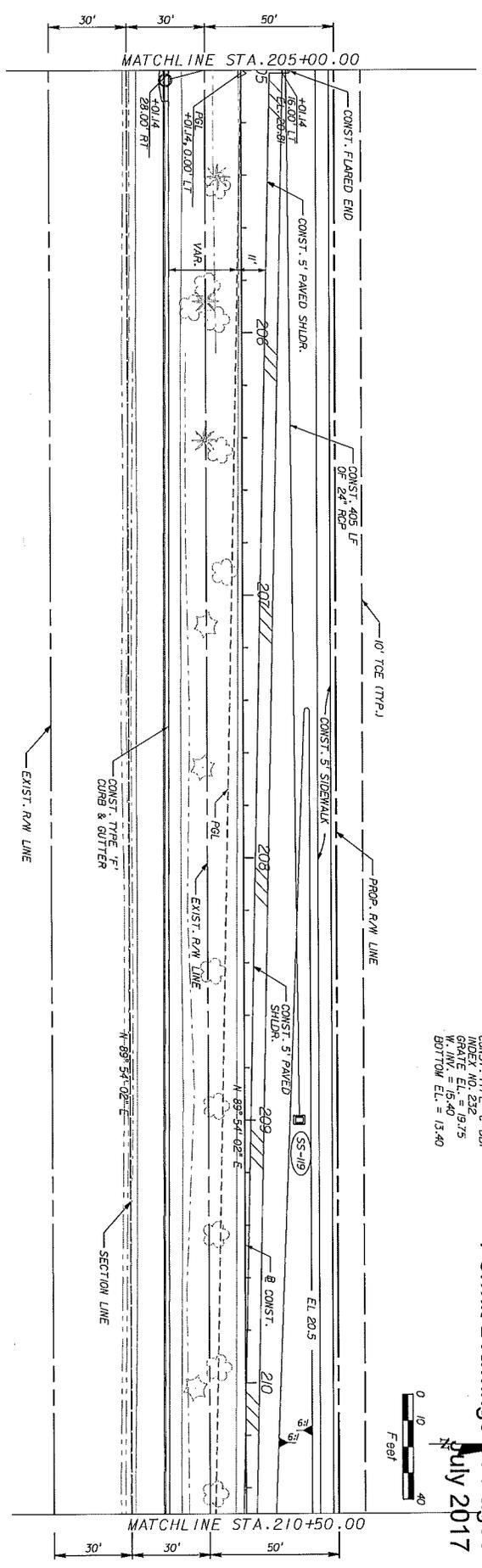
SCALE HORIZ. 1" = 40'
 VERT. 1" = 4'

Kimley-Horn
 BOARD OF COUNTY COMMISSIONERS
 664 AVENUE ROADWAY WIDENING -
 PHASE 1B 49^h STREET TO 69^h STREET

DESCRIPTION	DATE	BY
INDIAN RIVER COUNTY	1951+00	
INDIAN RIVER COUNTY	1961+00	
INDIAN RIVER COUNTY	1971+00	
INDIAN RIVER COUNTY	1981+00	
INDIAN RIVER COUNTY	1991+00	

(SS-119)
 STA. 209+00.00 TO 210+00' LT
 CONST. TREE CROWN
 INDEX NO. 232
 GRATE EL. = 19.75
 W. INV. = 15.40
 BOTTOM EL. = 13.40

SAJ 2017-01526 - Attachment 1
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 July 2017



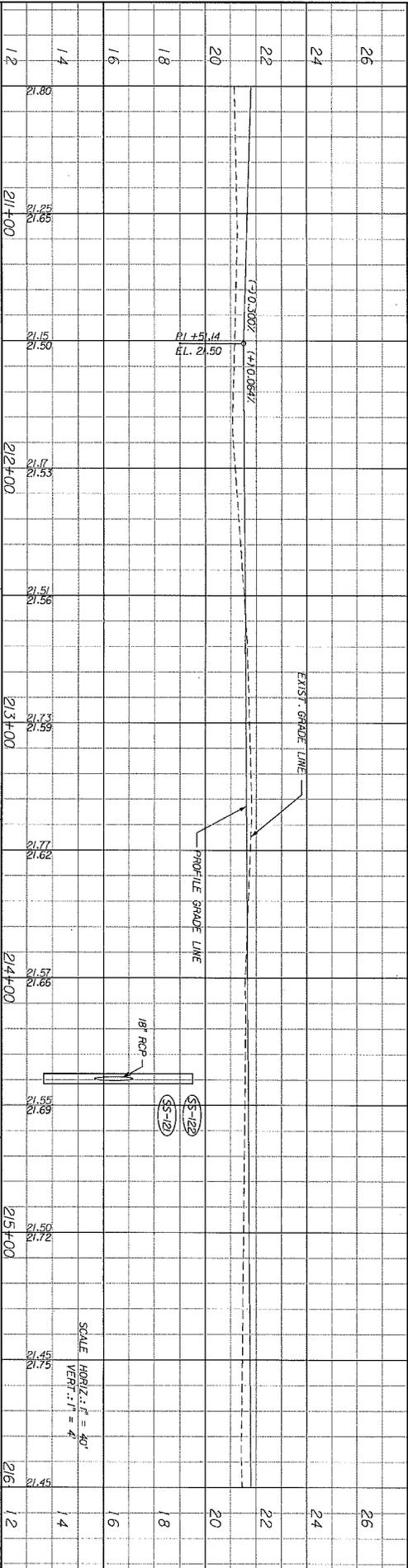
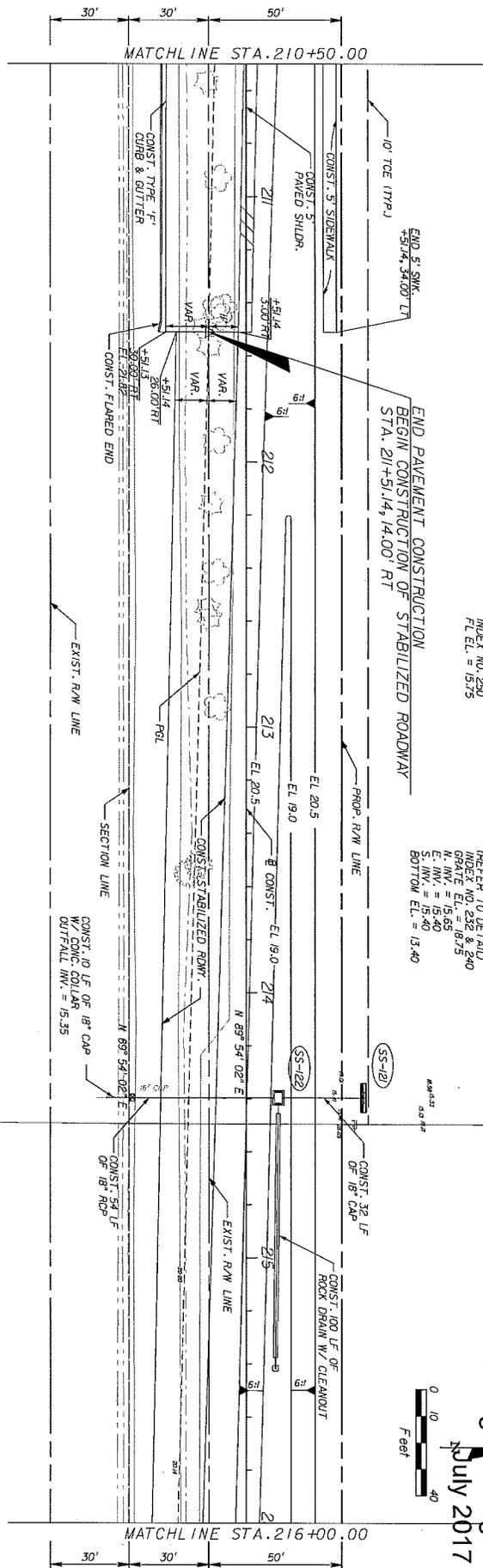
DESCRIPTION	DATE	BY	DESCRIPTION
REVISIONS	206+00		
	21.03		
	21.35		
	21.51		
	21.50		
	207+00		
	21.51		
	21.52		
	21.28		
	21.80		
	208+00		
	21.25		
	21.95		
	21.30		
	22.10		
	209+00		
	21.26		
	21.25		
	21.14		
	22.10		
	21.07		
	21.95		
	21.14		

Kimley»Horn
 CIVIL ENGINEERS
 425 LINDSEY BLVD. SUITE 200
 WILSON, NC 27157
 PHONE: 704.253.1100
 WWW.KIMLEY-HORN.COM

INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS
 664 AVENUE ROADWAY WIDENING -
 PHASE 1B 494 STREET TO 694 STREET

61st STREET
 PLAN & PROFILE

SHEET NO.	51
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REVISIONS	DATE	BY	DESCRIPTION
1/2	21+00		
1/4	21.25 21.65		
1/6	21.15 21.50		
1/8	21.17 21.53		
1/20	21.51 21.56		
1/22	21.71 21.59		
1/24	21.72 21.58		
1/26	21.57 21.56		
1/28	21.55 21.59		
1/30	21.55 21.72		
1/32	21.55 21.72		
1/34	21.45 21.72		
1/36	21.45		

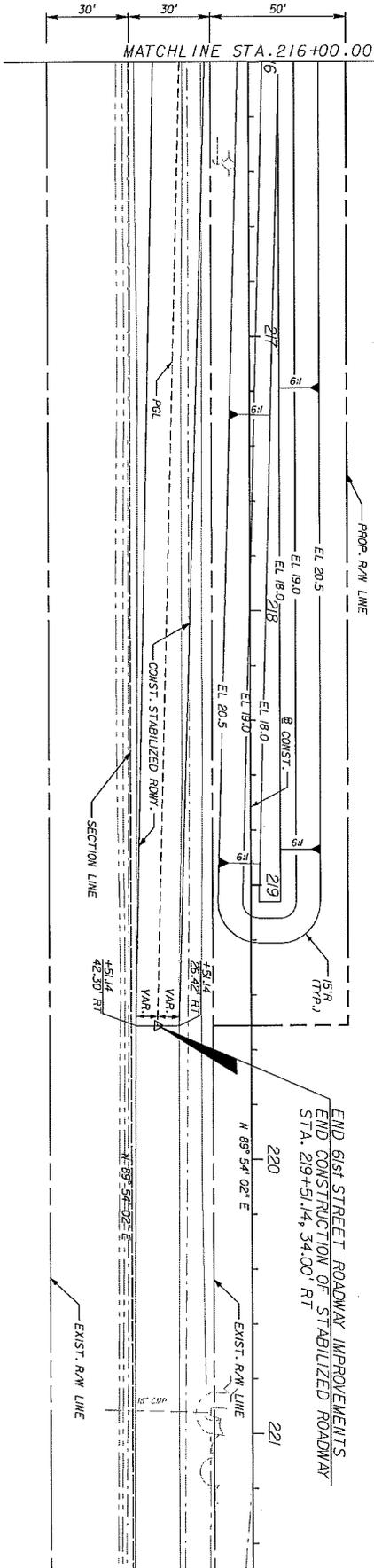
Kimley-Horn

604 A. GORDON BLVD.
SUITE 200
440 WEST STREET, SUITE 200
INDIANAPOLIS, IN 46204
TEL: 317.633.1200
WWW.KIMLEY-HORN.COM
CERTIFICATE OF AUTHORIZATION 00000000

INDIAN RIVER COUNTY
BOARD OF COUNTY COMMISSIONERS
664 AVENUE ROADWAY WIDENING -
PHASE 1B 494 STREET TO 694 STREET

61st STREET
PLAN & PROFILE

SHEET NO. 51



STATION	PROF. GRADE LINE	EXIST. GRADE LINE
26	21.78	21.53
24	21.82	21.82
22	21.85	21.85
20	21.88	21.88
18	21.91	21.91
16	21.94	21.94
14	21.97	21.97
12	22.00	22.00

STATION	PROF. GRADE LINE	EXIST. GRADE LINE
26	21.70	21.56
24	21.70	21.70
22	21.70	21.70
20	21.70	21.70
18	21.70	21.70
16	21.70	21.70
14	21.70	21.70
12	21.70	21.70

STATION	PROF. GRADE LINE	EXIST. GRADE LINE
26	21.65	21.65
24	21.65	21.65
22	21.65	21.65
20	21.65	21.65
18	21.65	21.65
16	21.65	21.65
14	21.65	21.65
12	21.65	21.65

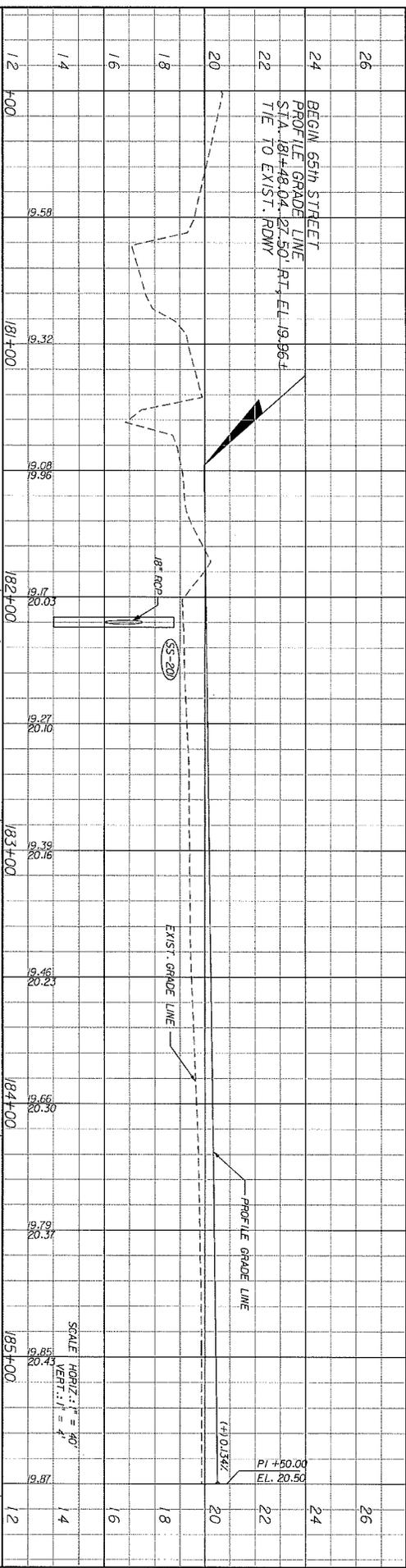
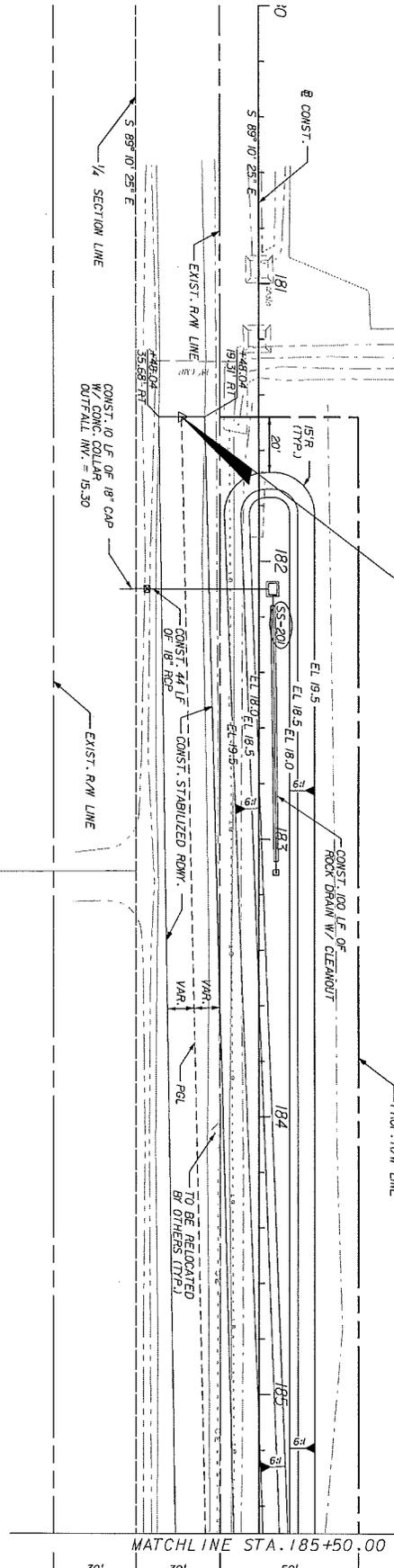
STATION	PROF. GRADE LINE	EXIST. GRADE LINE
26	21.63	21.63
24	21.63	21.63
22	21.63	21.63
20	21.63	21.63
18	21.63	21.63
16	21.63	21.63
14	21.63	21.63
12	21.63	21.63

STATION	PROF. GRADE LINE	EXIST. GRADE LINE
26	22.03	22.03
24	22.03	22.03
22	22.03	22.03
20	22.03	22.03
18	22.03	22.03
16	22.03	22.03
14	22.03	22.03
12	22.03	22.03

Kimley-Horn
 664 AVENUE ROADWAY WIDENING - PHASE IB 494 STREET TO 694 STREET
 INDIAN RIVER COUNTY BOARD OF COUNTY COMMISSIONERS
 61st STREET PLAN & PROFILE
 SHEET NO. 53

BEGIN 65th STREET ROADWAY IMPROVEMENTS
 BEGIN CONSTRUCTION OF STABILIZED ROADWAY
 STA. 181+48.04, 27.50 RT

SS-200 SAJ 2017-01526 - Attachment 1
 Permit Drawings 41 Pages
 July 2017



STATION	ELEVATION	DESCRIPTION
12	400	
14	400	
16	400	
18	400	
20	400	
22	400	
24	400	
26	400	

Kimley-Horn
 465 29th Street, Suite 200
 Waukegan, IL 60087
 TEL: 815-491-4000
 FAX: 815-491-4000
 WWW.KIMLEY-HORN.COM

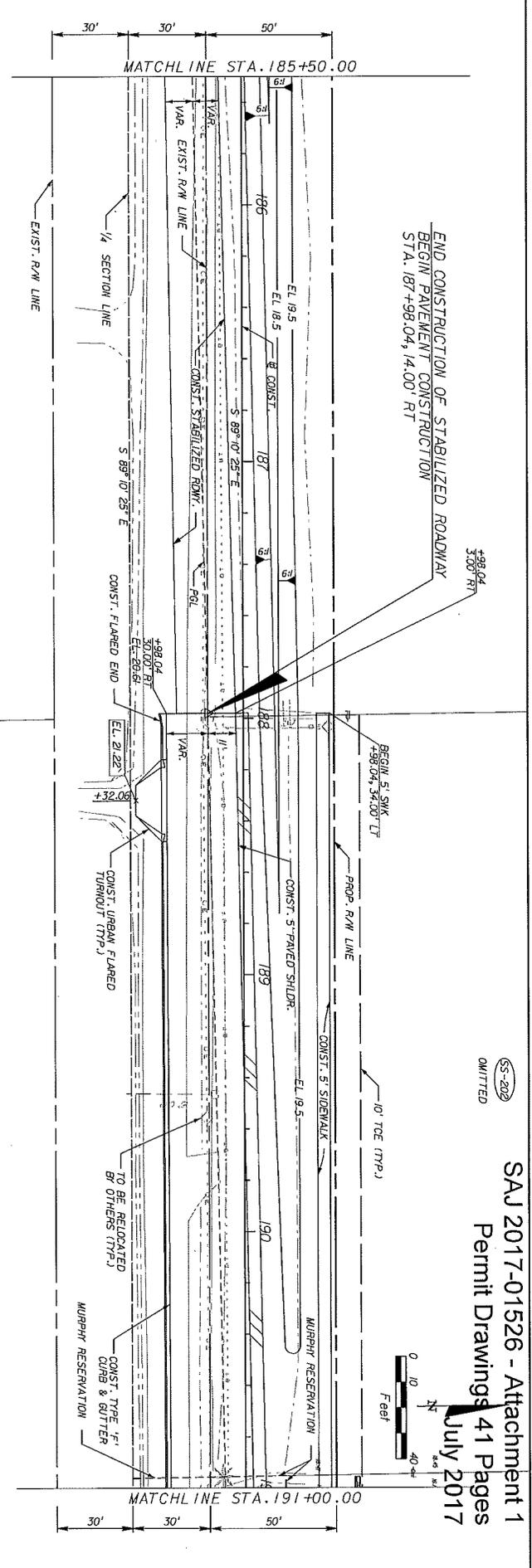
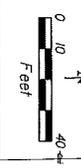
INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS
 664 AVENUE ROADWAY WIDENING -
 PHASE 1B 494 STREET TO 694 STREET

65th STREET
 PLAN & PROFILE

SHEET NO. 54

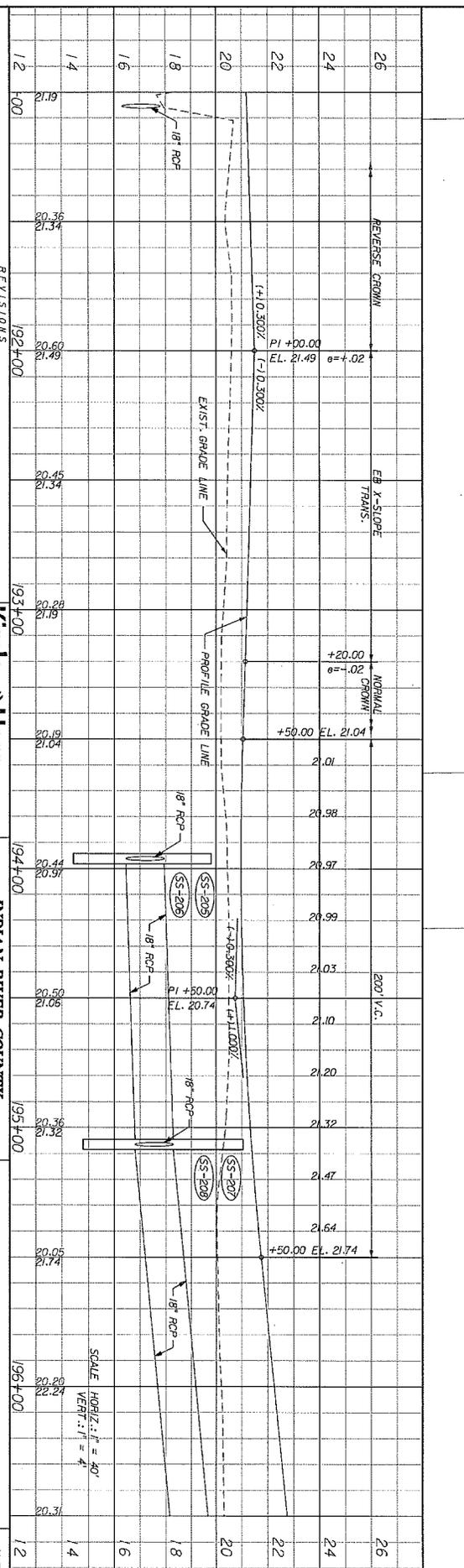
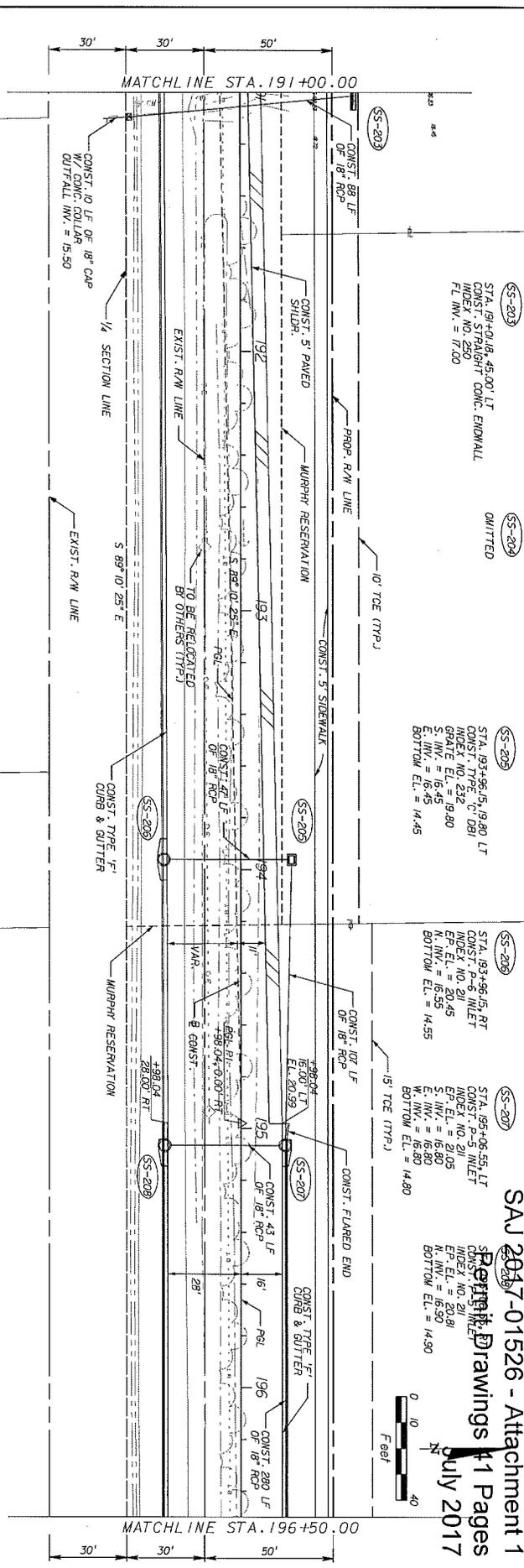
CS-202
OMITTED

SAJ 2017-01526 - Attachment 1
Permit Drawings 41 Pages
July 2017



STATION	ELEVATION	DESCRIPTION
12	20.50	186+00
14	20.46	186+00
16	20.42	186+00
18	20.37	186+00
20	20.33	186+00
22	20.29	187+00
24	20.25	187+00
26	20.21	187+00
28	20.18	187+00
30	20.14	187+00
32	20.10	187+00
34	20.07	187+00
36	20.04	187+00
38	20.01	187+00
40	19.98	187+00
42	19.95	187+00
44	19.92	187+00
46	19.89	187+00
48	19.86	187+00
50	19.83	187+00
52	19.80	187+00
54	19.77	187+00
56	19.74	187+00
58	19.71	187+00
60	19.68	187+00
62	19.65	187+00
64	19.62	187+00
66	19.59	187+00
68	19.56	187+00
70	19.53	187+00
72	19.50	187+00
74	19.47	187+00
76	19.44	187+00
78	19.41	187+00
80	19.38	187+00
82	19.35	187+00
84	19.32	187+00
86	19.29	187+00
88	19.26	187+00
90	19.23	187+00
92	19.20	187+00
94	19.17	187+00
96	19.14	187+00
98	19.11	187+00
100	19.08	187+00
102	19.05	187+00
104	19.02	187+00
106	18.99	187+00
108	18.96	187+00
110	18.93	187+00
112	18.90	187+00
114	18.87	187+00
116	18.84	187+00
118	18.81	187+00
120	18.78	187+00
122	18.75	187+00
124	18.72	187+00
126	18.69	187+00
128	18.66	187+00
130	18.63	187+00
132	18.60	187+00
134	18.57	187+00
136	18.54	187+00
138	18.51	187+00
140	18.48	187+00
142	18.45	187+00
144	18.42	187+00
146	18.39	187+00
148	18.36	187+00
150	18.33	187+00
152	18.30	187+00
154	18.27	187+00
156	18.24	187+00
158	18.21	187+00
160	18.18	187+00
162	18.15	187+00
164	18.12	187+00
166	18.09	187+00
168	18.06	187+00
170	18.03	187+00
172	18.00	187+00
174	17.97	187+00
176	17.94	187+00
178	17.91	187+00
180	17.88	187+00
182	17.85	187+00
184	17.82	187+00
186	17.79	187+00
188	17.76	187+00
190	17.73	187+00
192	17.70	187+00
194	17.67	187+00
196	17.64	187+00
198	17.61	187+00
200	17.58	187+00
202	17.55	187+00
204	17.52	187+00
206	17.49	187+00
208	17.46	187+00
210	17.43	187+00
212	17.40	187+00
214	17.37	187+00
216	17.34	187+00
218	17.31	187+00
220	17.28	187+00
222	17.25	187+00
224	17.22	187+00
226	17.19	187+00
228	17.16	187+00
230	17.13	187+00
232	17.10	187+00
234	17.07	187+00
236	17.04	187+00
238	17.01	187+00
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242	16.95	187+00
244	16.92	187+00
246	16.89	187+00
248	16.86	187+00
250	16.83	187+00
252	16.80	187+00
254	16.77	187+00
256	16.74	187+00
258	16.71	187+00
260	16.68	187+00
262	16.65	187+00
264	16.62	187+00
266	16.59	187+00
268	16.56	187+00
270	16.53	187+00
272	16.50	187+00
274	16.47	187+00
276	16.44	187+00
278	16.41	187+00
280	16.38	187+00
282	16.35	187+00
284	16.32	187+00
286	16.29	187+00
288	16.26	187+00
290	16.23	187+00
292	16.20	187+00
294	16.17	187+00
296	16.14	187+00
298	16.11	187+00
300	16.08	187+00

Kimley-Horn
INDIAN RIVER COUNTY
BOARD OF COUNTY COMMISSIONERS
664 A VENUE ROADWAY WIDENING -
PHASE 1B 494 STREET TO 694 STREET
65th STREET
PLAN & PROFILE
SHEET NO. 55



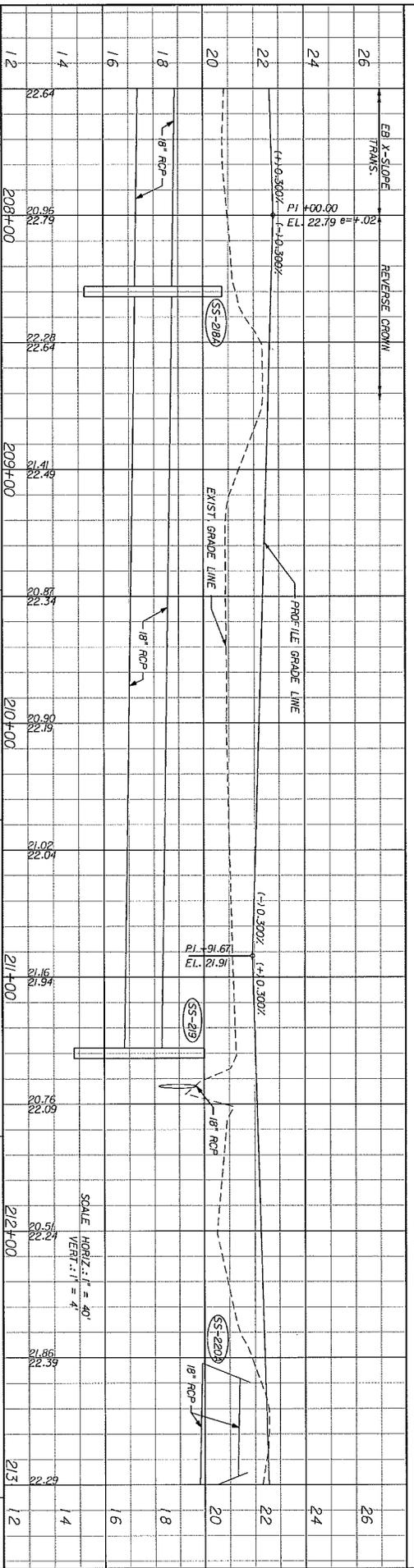
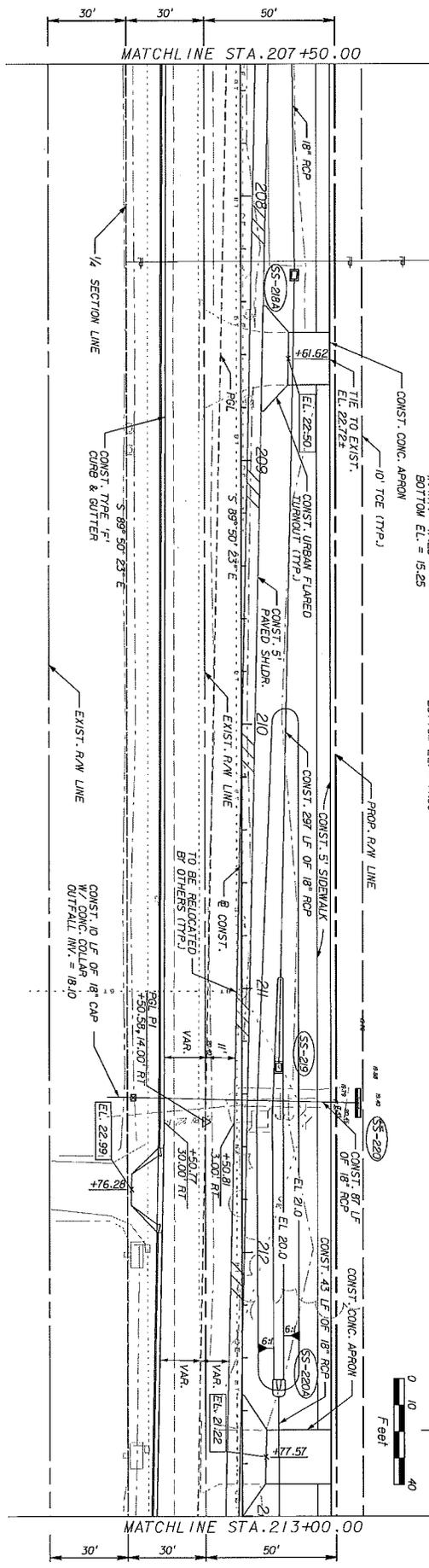
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		192+00		
		193+00		
		194+00		
		195+00		
		196+00		

Kimley-Horn
 PROFESSIONAL ENGINEERS
 465 24th STREET, SUITE 200
 DENVER, CO 80202
 (303) 733-4000
 WWW.KIMLEY-HORN.COM

INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS
 664 AVENUE ROADWAY WIDENING -
 PHASE 1B 904 STREET TO 694 STREET

65th STREET
 PLAN & PROFILE

SHEET NO. 56



DESCRIPTION	DATE	BY	REVISIONS
26			REVERSE CROWN
24			PI +00.00 EL. 22.79 G = +4.02
22			PI +0.300Z G = +0.300Z
20			18" RCP
18			18" RCP
16			18" RCP
14			22.64 20.96 22.79
12			208+00
			209+00
			210+00
			211+00
			212+00
			213+00

Kimley»Horn
 PLANNING ENGINEERS
 664 AVENUE ROADWAY WIDENING -
 PHASE IB 494 STREET TO 694 STREET

INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS

65th STREET
 PLAN & PROFILE

SHEET NO. 59

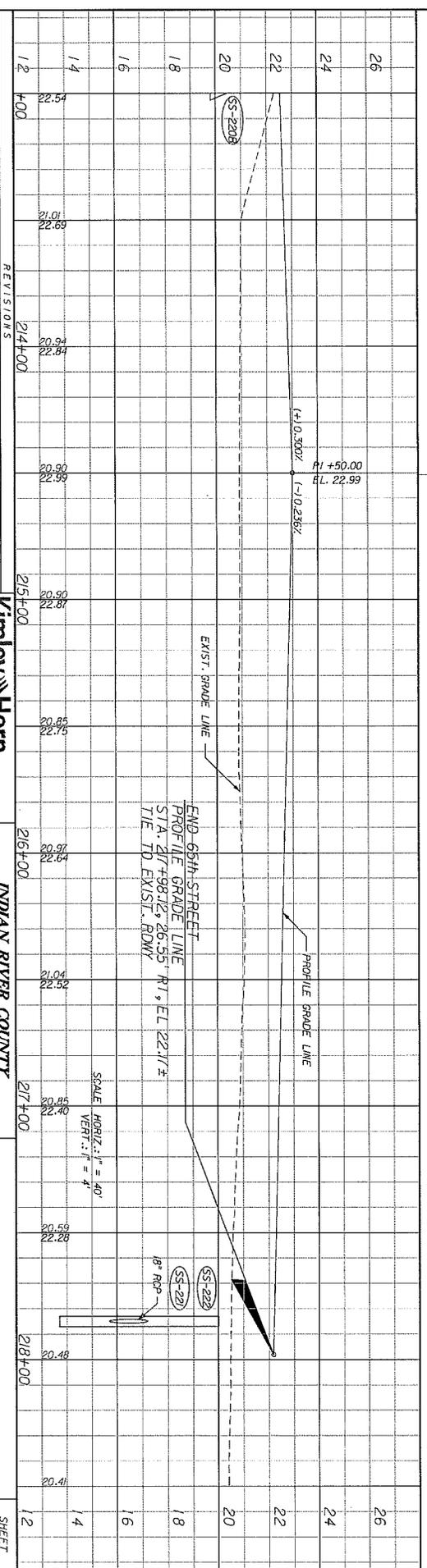
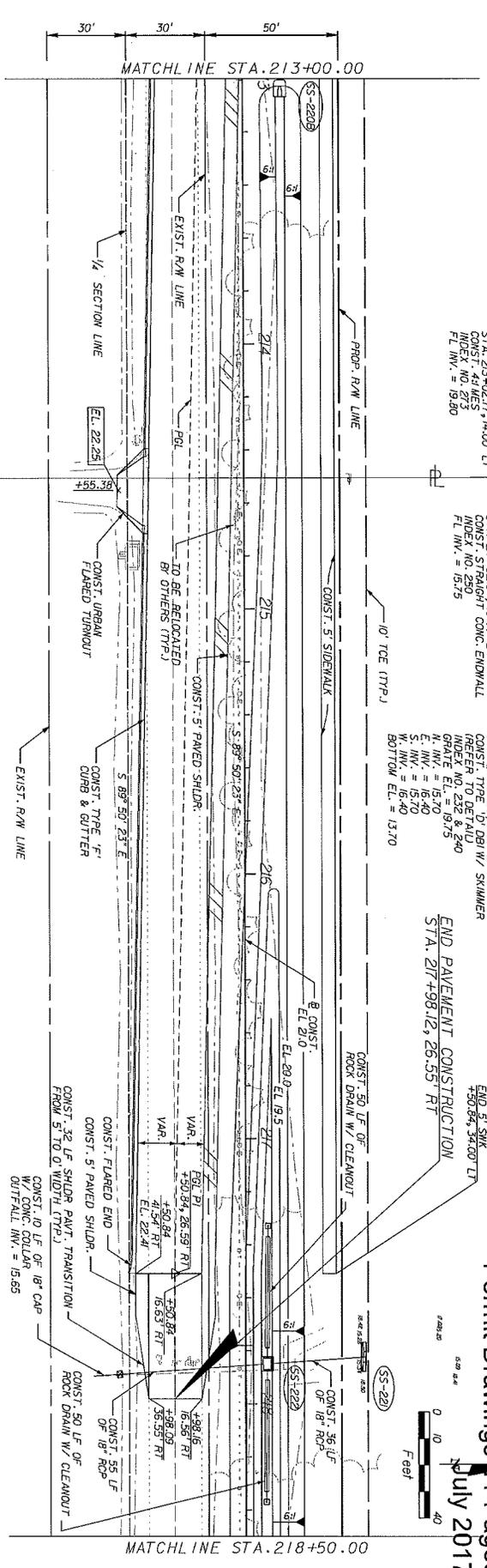
(SS-220B)
 STA. 213+02.77, 14.00' LT
 CONST. 43' WES
 FL INV. = 19.80

(SS-221)
 STA. 217+82.34, 45.00' LT
 CONST. STRAIGHT CONC. ENDMALL
 INDEX NO. 250
 FL INV. = 15.75

(SS-222)
 STA. 217+84.95, 8.00' LT
 CONST. TYPE 10' 0" W/ SKINNER
 (REFER TO DETAIL
 INDEX NO. 232 & 240
 GRADE EL. = 19.75
 E. INV. = 15.40
 S. INV. = 16.40
 W. INV. = 16.40
 BOTTOM EL. = 13.70

END PAVEMENT CONSTRUCTION
 STA. 217+98.12, 26.55' RT

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 July 2017



NO.	DATE	BY	DESCRIPTION
12	2/14/00		20.90 22.99
14	20.94 22.84		20.85 22.75
16	20.90 22.87		20.97 22.64
18	20.85 22.75		20.59 22.28
20	20.97 22.64		20.48
22	20.59 22.28		20.40
24	20.48		
26			

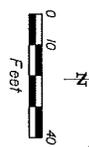
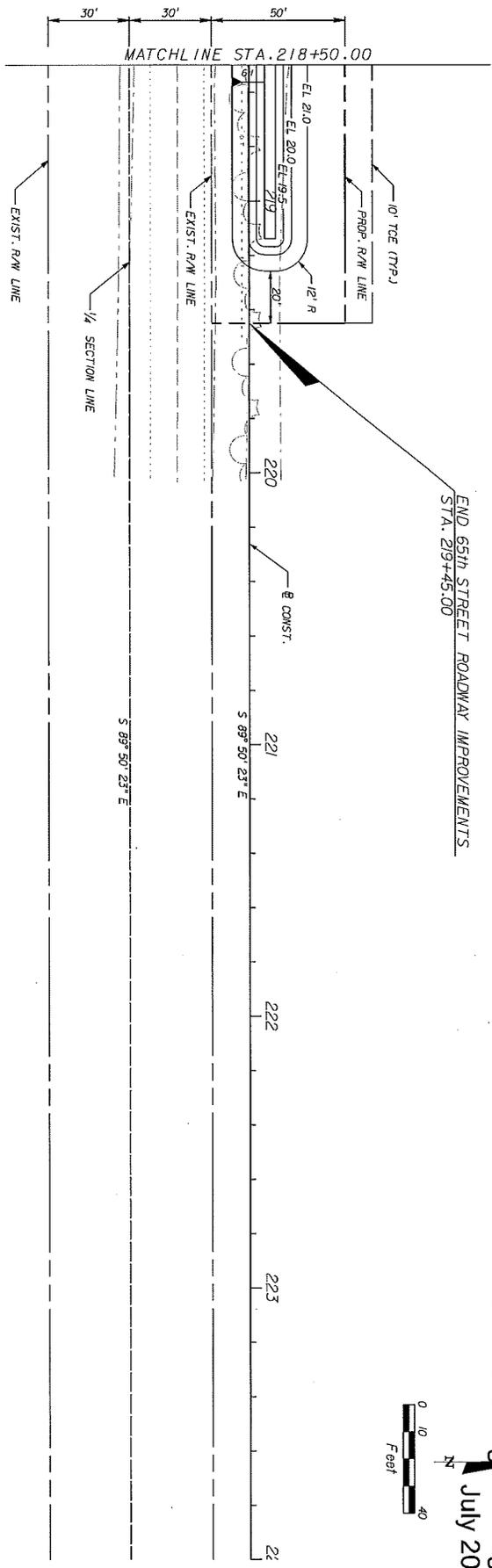
Kimley-Horn
 450 West 10th Street, Suite 200
 Des Moines, IA 50319
 Phone: 515-281-4400
 Fax: 515-281-4401
 Website: www.kimley-horn.com

INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS
 664 AVENUE ROADWAY WIDENING -
 PHASE 1B 494 STREET TO 694 STREET

654 STREET
 PLAN & PROFILE

SHEET NO. 60

END 65th STREET ROADWAY IMPROVEMENTS
STA. 219+45.00



SAJ 2017-01526 - Attachment 1
Permit Drawings 41 Pages
July 2017

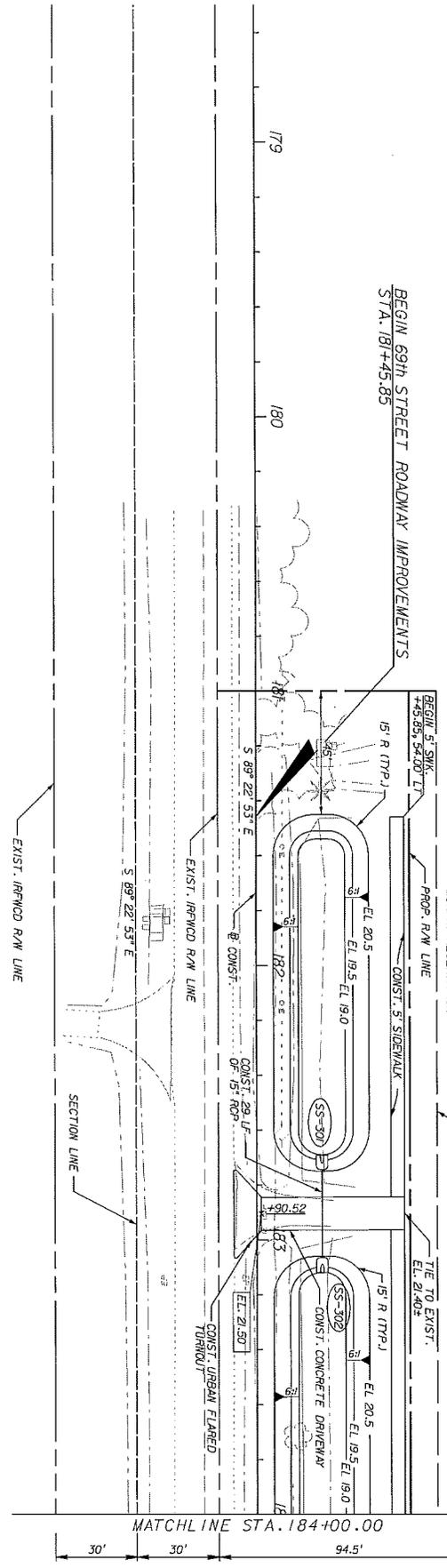
STATION	DESCRIPTION	DATE	BY	DESCRIPTION
26				
24				
22				
20				
18				
16				
14				
12				
219+00		21.10		
220+00		21.52		
221+00		22.35		

DESCRIPTION	DATE	BY	DESCRIPTION

<p>Kimley»Horn 9900 A. 6000, S.E. P.O. BOX 10000 DENVER, CO 80202 PHONE: 303.733.1000 WWW.KIMLEY-HORN.COM CERTIFICATE OF AUTHORIZATION: 000000000000000000</p>	<p>INDIAN RIVER COUNTY BOARD OF COUNTY COMMISSIONERS 66th AVENUE ROADWAY WIDENING - PHASE IB 49th STREET TO 69th STREET</p>	<p>65th STREET PLAN & PROFILE</p>	<p>SHEET NO. 61</p>
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SS-300 STA. 182+71.99, 23.65' LT
 BEGIN 69th STREET ROADWAY IMPROVEMENTS
 STA. 181+45.85

SS-302 STA. 183+08.84, 23.65' LT
 BEGIN 5th SWK
 STA. 181+00



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 Permit Drawings 41 Pages
 July 2017

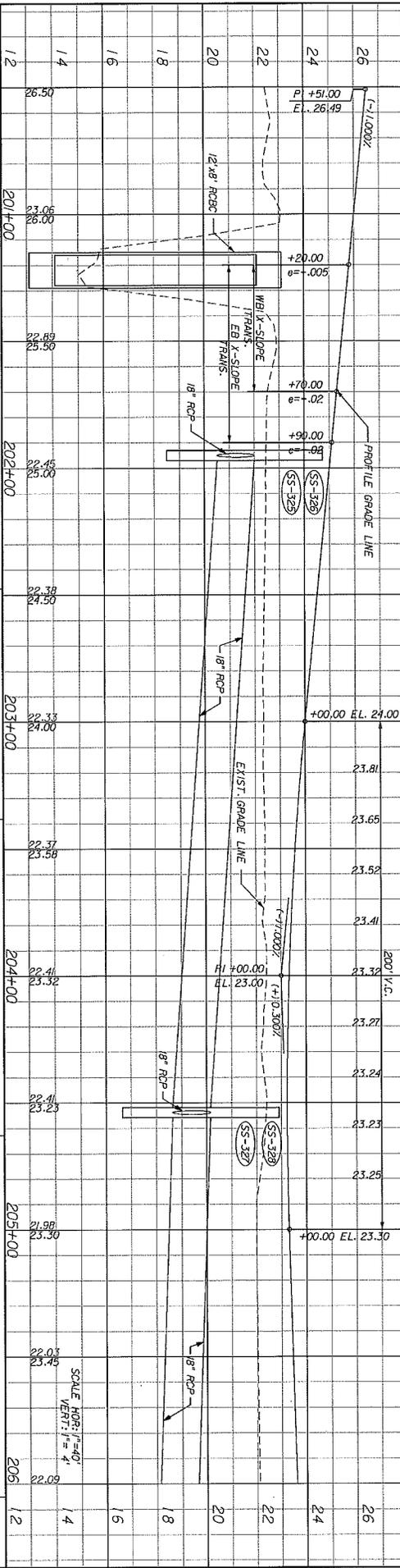
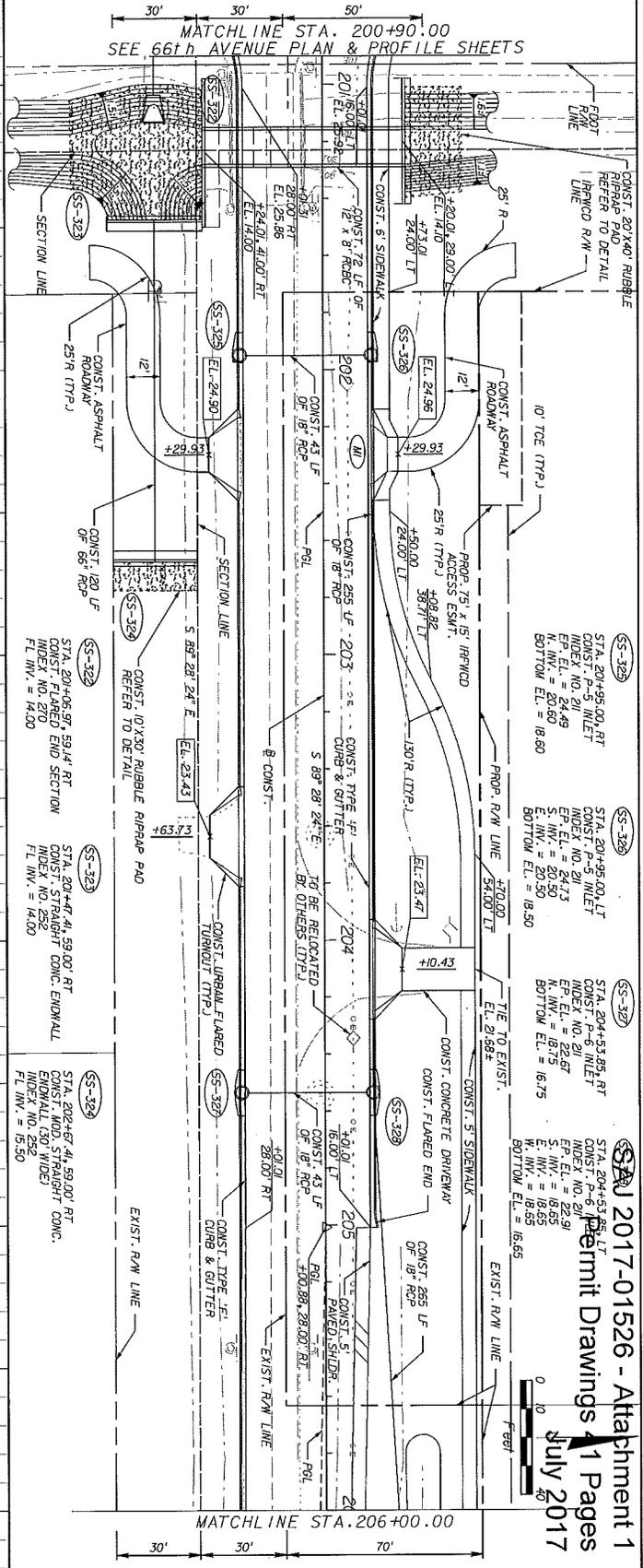
NO.	DESCRIPTION	DATE	BY	REVISIONS
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16				21.12
18				21.12
20				21.12
22				21.12
24				21.12
26				21.12

Kimley-Horn
 PROFESSIONAL ENGINEERS
 445 1/2 AVENUE STREET, SUITE 200
 WYOMING, WY 82001
 LICENSE NUMBER 6699

INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS
 664 AVENUE ROADWAY WIDENING -
 PHASE 1B 49th STREET TO 69th STREET

69th STREET
PLAN & PROFILE

SHEET NO. 62



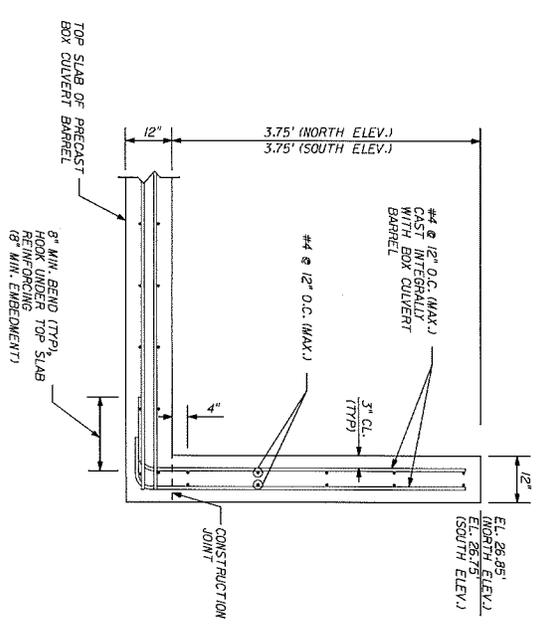
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20	2014-00		
22	2014-00		
24	2014-00		
26	2014-00		

Kimley-Horn
 664 AVENUE ROADWAY WIDENING -
 PHASE IB 494 STREET TO 694 STREET

INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS

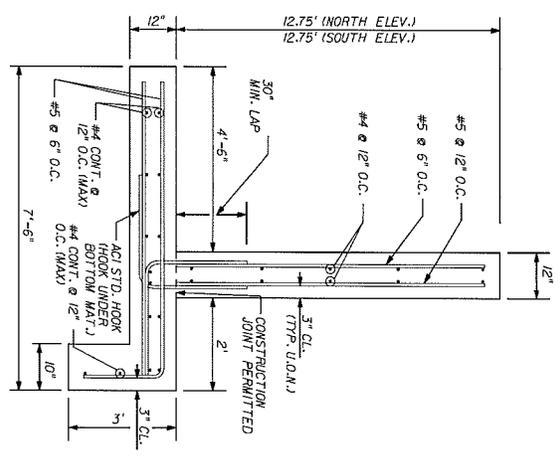
694 STREET
 PLAN & PROFILE

SHEET NO. 65

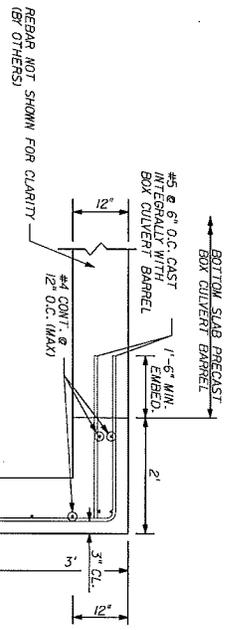


SECTION D-D
 HEADWALL DETAIL
 N.T.S.

- NOTES:
1. PRECAST CONCRETE BOX CULVERT SHALL BE CONSTRUCTED IN ACCORDANCE WITH FOOT INDEX 282 WITH 3" CONCRETE COVER.
 2. ALL EXPOSED EDGES AND CORNERS SHALL BE 3/4" CHAMFERED.



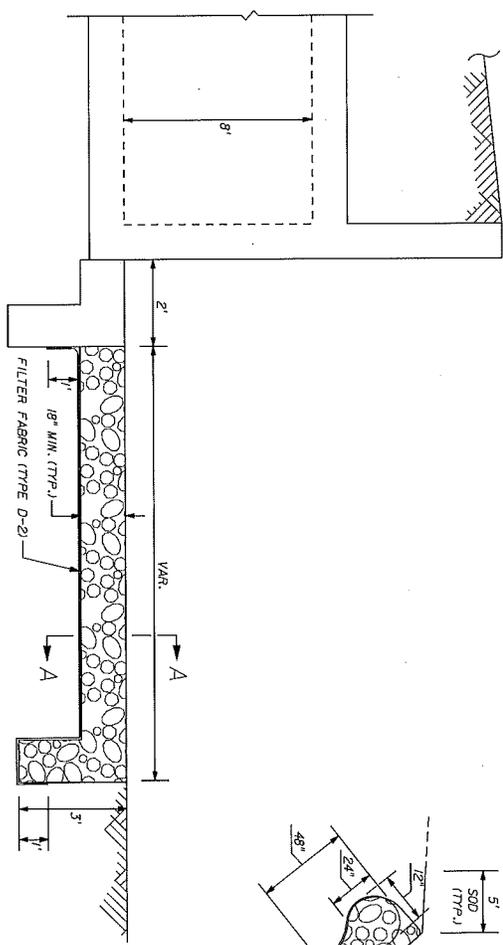
SECTION E-E
 WINGWALL DETAIL
 N.T.S.



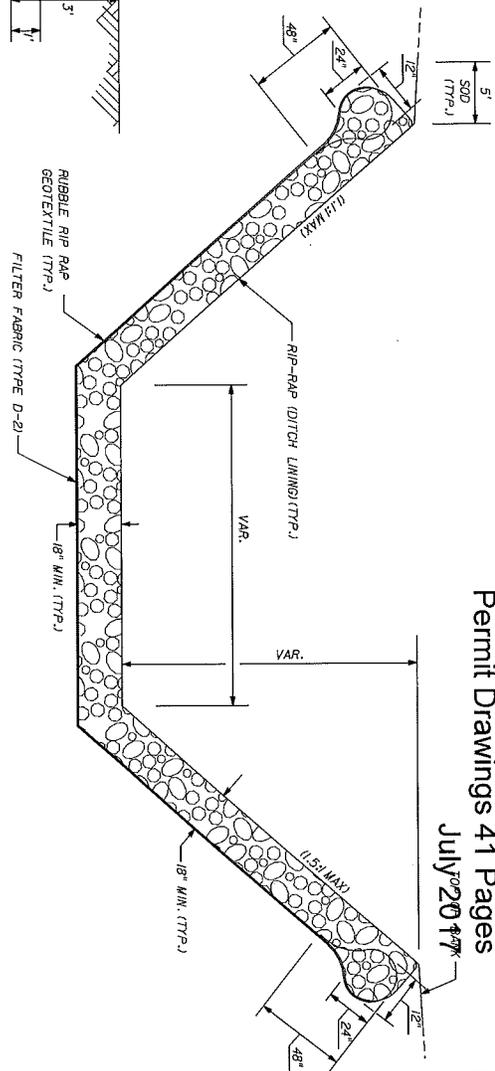
SECTION F-F
 SPILLWAY DETAIL
 N.T.S.

REVISIONS	DATE	BY	DESCRIPTION

Kimley»Horn 445.5th STREET, SUITE 300 FAYETTEVILLE, AR 72701 (501) 781-4000 (501) 781-4000 FAX (501) 781-4000 CELL	INDIAN RIVER COUNTY BOARD OF COUNTY COMMISSIONERS 664 AVENUE ROADWAY WIDENING - PHASE 1B 494 STREET TO 694 STREET	694 STREET BOX CULVERT DETAILS	SHEET NO. 77
	5/22/2017 5/23/17 PW K:\WEB\BIDDING\101526\1044\Drawings\1\Drawings\170828.dwg		

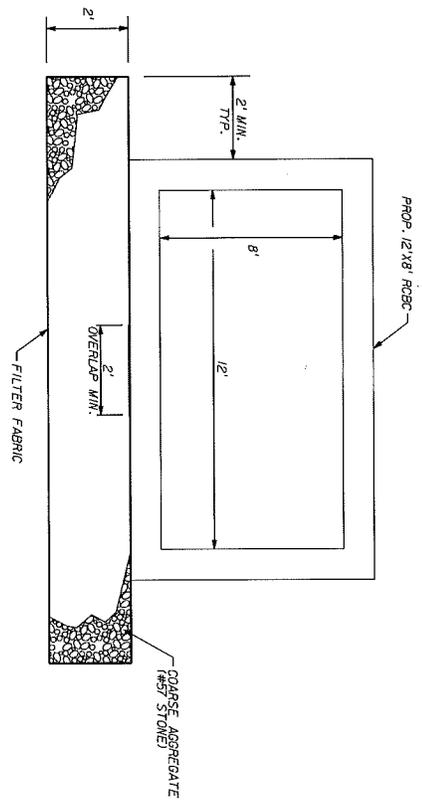


REVIEMENT DETAIL
 N.T.S.



REVIEMENT CROSS SECTION A-A
 N.T.S.

TYPICAL REINFORCED CONCRETE BOX CULVERT BEDDING DETAIL
 N.T.S.



- NOTES:
1. COST OF FILTER FABRIC TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR RIP-RAP.
 2. RIP-RAP MATERIAL AND INSTALLATION SHALL BE IN ACCORDANCE WITH FOOT SECTION 350.
 3. BEDDING STONE SHALL BE PLACED ON FIRM UNYIELDING UNDISTURBED GROUND.

- NOTES:
1. THE FILTER FABRIC SHALL MEET THE SPECIFICATIONS FOR TYPE D-4 FABRIC, AS SPECIFIED IN FOOT INDEX NO. 199.
 2. COST ASSOCIATED WITH EXCAVATION, FILTER FABRIC AND COARSE AGGREGATE SHALL BE INCLUDED WITHIN UNIT PRICE FOR PRE-CAST CONCRETE BOX CULVERT.
 3. BEDDING STONE SHALL BE PLACED ON FIRM UNYIELDING UNDISTURBED GROUND.

REVISIONS	DATE	BY	DESCRIPTION

KIMLEY-HORN INC. 601 N. LAMAR AVENUE SUITE 200 HOUSTON, TEXAS 77002 PHONE: 713.861.1111 FAX: 713.861.1112 WWW.KIMLEY-HORN.COM	INDIAN RIVER COUNTY BOARD OF COUNTY COMMISSIONERS 664 AVENUE ROADWAY WIDENING - PHASE 1B 494 STREET TO 694 STREET	694 STREET BOX CULVERT DETAILS	SHEET NO. 78
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St. Johns River

Water Management District

Ann B. Shortelle, Ph.D., Executive Director

525 Community College Parkway S.E. • Palm Bay, FL 32909 • 321-984-4940
On the internet at www.sjrwmd.com.

September 29, 2017

William Johnson
Indian River County
1801 27th St, Bldg A
Vero Beach, FL 32960-3388

Re: 66th Ave - South of SR 60 (20th Ave) to North of 57th Ave.
Permit No. 87006-5
(Please reference the above number on all submittals)

Dear Mr. Johnson:

The St. Johns River Water Management District (District) received your written notice to use the provisions of Section 252.363 of the Florida Statutes to extend the duration of the above referenced permit, which authorized activities and works within the geographic area affected by the Governor's declaration of a state of emergency for Wildfires and Opioid, established by Executive Order(s) 2017-120, 2017-174, 2017-146, 2017-177/178, 2017-230 issued on 4/11/2017, 6/9/2017, 5/3/2017, 6/26/2017, and 8/28/2017, respectively.

Based on a review of the permit file and the information provided in your written notice, your permit meets the requirements set forth in section 252.363 of the Florida Statutes. Accordingly, the District has changed the expiration date of the above referenced permit as follows:

Original Expiration Date: September 24, 2017

New Expiration Date: May 12, 2019

All dates contained in the terms and conditions of the permit pertaining to deadlines, such as for commencing or completing construction, completing any mitigation, and submitting reports for the activity authorized by the permit are modified in recognition of, and relative to, the new expiration date. You are advised that section 252.363 of the Florida Statutes requires that, "If the permit or other authorization for a phased construction project is extended, the commencement and completion dates for any required mitigation are extended such that the mitigation activities occur in the same timeframe relative to the phase as originally permitted."

GOVERNING BOARD

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OCALA

Chuck Drake, SECRETARY
ORLANDO

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VERO BEACH

Douglas Burnett
ST. AUGUSTINE

Susan Dolan
SANFORD

Janet Price
FERNANDINA BEACH

This extension does not:

- Alter any other terms or conditions of the permit.
- Affect the expiration date of any associated state-owned submerged lands lease or easement that was executed for the activities authorized in the permit. It also does not change any terms or conditions contained in the lease or easement, such as deadlines for submittal of any required lease fees.
- Affect the water quality certification determination under Section 401, Public Law 92-500, 33 U.S.C. Section 1341 made as part of the permit.
- Affect the coastal zone consistency concurrence determination made under Florida's Coastal Zone Management Program in Section 307 of the Coastal Zone Management Act and 15 CFR 930, Subpart D originally contained in the permit.
- Affect the expiration date of any state, federal, or local permit, license, or authorization related to this permit, specifically including any federal permit under Section 404 of the Clean Water Act or Section 10 of the Rivers and Harbors Act of 1899.

If you have any questions, please contact Marc Van Heden at (321) 676-6604 or by email at mvanhede@sjrwmd.com.

Sincerely,



David Miracle, P.E.
Regulatory Coordinator

CC: Marc Van Heden
Mark Crosby

INDIAN RIVER FARMS WATER CONTROL DISTRICT

7305 4th Street
Vero Beach, Florida 32968
(772) 562-2141

APPLICATION FOR CONNECTION TO OR USE OF DISTRICT FACILITIES

Date: 08/01/2017 No. _____

A. Applicant Information: Name: Indian River County
Address: 1801 27th Street, Building A
Vero Beach, FL 32960

Authorized Agent and Title: Richard B. Szpyrka, P.E. Public Works Director
Telephone Number: 772-226-1234

B. Proposed Connection or Use: (check appropriate box or boxes) NON-REFUNDABLE

- Options for connection types with associated costs: Culvert connection (\$100.00), Pump connection (\$300.00), Culvert and/or control structure (\$200.00), Other (checked) (\$100.00)

C. Location: Tract _____, Section 5,6,7,8,17&18 Township 32S, Range 39E, Canal No. Lateral "A"
Other appropriate description: 66th Avenue - south of 61st Street to 73rd Street
Property I.D. Parcel No.: _____

Attach drawing to show details (include acreage to be served).

D. Details of proposed Construction: (Give diameter and length of culvert; diameter and rated capacity of pump; height and width of riser or other details on water control structure.)
See attached

E. Special Conditions: (for District use only)

F. Estimated Date of Construction Commencement: 07/2018
Estimated Date of Construction Completion: 07/2020

G. As the Applicant for permit, I do understand and agree that:

- 1. The use of, or construction within, the right-of-way of the Indian River Farms Water Control District will be in accordance with the details of the approved sketch and/or permit conditions shown hereon, supporting this application; and if any changes are required, same will be cleared with the District.

(Continued on Reverse hereof)

Signed: [Signature] Applicant Date: 8/4/17

(For District Use Only)

Application approved by: _____ for the Indian River Farms Water Control District

Application approved by: _____ for Carter Associates, Inc., Engineer for District

Date of approval: _____
Expiration Date of this approved application: _____

PERMISSION, WHEN GRANTED, WILL BE SUBJECT TO THE STANDARD PROVISOS SET FORTH ON THE REVERSE HEREOF.

G. (continued)

2. I accept full responsibility for any erosion to or shoaling in the District's canal or levee due to my work and I shall remove or repair same promptly and at no expense to the District; and I will prevent the discharge of any hyacinths or aquatic growth into the District's canal through my connection.
3. I will neither plant trees or shrubs or erect any structure that will prohibit or limit the existing access of District equipment or vehicles without securing proper authorization thereof.
4. It is further understood and agreed that any other requirements of the District are binding upon me, the application, and I do hereby indicate acceptance of this notice thereof.
5. It is further understood and agreed that the lands to be benefited by this request are, or may be, subject to flooding during periods of high water due to heavy rains or other acts of God, and that the permit will be accepted subject to this possibility which is recognized not to be within the control of the District.

STANDARD PROVISOS

1. Permittee assumes full responsibility for any construction, operation or maintenance of District property or right-of-way subject to this Permit and shall save and hold harmless District from any expense, loss, damage or claim in regard thereto, and the District assumes and shall have no liability in connection therewith.
2. This Permit may not be assigned or sub-let to a third party and any transfer of Permittee's property abutting District's property or right-of-way shall ipso facto and without move, cancel, nullify and revoke this Permit.
3. This Permit is subject always to the paramount right of the District to keep and maintain its drainage district functions and operations, and is subject to revocation and cancellation upon thirty days' notice from District to Permittee.
4. In no event shall the District be liable for any damages done or caused by the District to the Public, to Permittee or any other person using the right-of-way or property subject to this Permit, and Permittee shall save the District, its officers, agents, supervisors and employees harmless from any costs, charge or expense of claim or demand of any person against the District arising from or pertaining to any use made of the property or right-of-way subject to this permit. Permittee shall, at any time upon request of District, provide to District evidence, satisfactory to District, of liability insurance coverage, in amounts and with companies as may be required by District, protecting the interests of District and naming District as an additional insured.
5. The District may, on thirty days' written notice to Permittee, require removal and/or alteration of any installation or construction on District right-of-way.
6. Any construction on District right-of-way or property and clean up shall be completed promptly by Permittee and in a workmanlike manner with minimum disturbance to existing berm, channel slopes and grade with proper restoration and planting of any disturbed areas to prevent erosion within ten days after completion of construction or installation.
7. Permittee shall advise District's office prior to commencement and upon completion of all construction.(772-562-2141)
8. Permittee shall not discharge any pollutants, contaminants or deleterious materials into water or structures owned or maintained by, or subject to the jurisdiction of District, nor permit anything to obstruct the flow of water, and shall save and hold District harmless from any expense, loss or damage to District or others by any such discharge or obstruction, remedying or removing the same immediately upon request of District.

9. Permittee, as a condition to the continuance of this Permit, shall reimburse District immediately upon demand, for any testing or other costs or expenses to District associated with or arising from Permittee's use of District facilities.
10. Applicant is cautioned that electrical, water and sewer, or other installations or utilities may be located within the construction area, and applicant shall use diligent efforts to first detect and locate all such installations and shall coordinate construction with all other lawful users of said right-of-way. Applicant shall be liable for all damages proximately resulting from its interference with or interruption of services provided by other lawful right-of-way users.
11. This permit shall be considered to be a license only, for the limited purpose of installation, placement and maintenance of the improvements specified on the face hereof, and does not convey any other right, title or interest of the District in the subject right-of-way property.
12. An as-built/location certification of all culvert/structure installations within the District's canals/right-of-way shall be performed by a Florida Registered Professional Surveyor and Mapper on form provided by the District, and submitted to the District within thirty (30) days following completion of installation. If as-built certification is not received within thirty days of installation, the District will either have certification completed at owner/applicants expense or order removal of the installation.

By initialing and dating this page I am agreeing to all standard and special provisos:

Initial: _____ Date: _____



Project: 66th Avenue Roadway Widening Phase IB 49th Street to 69th Street
Subject: IRFWCD R/W Construction Improvements

The following below summarizes the proposed improvements within the IRFWCD right -of-way:

66th Avenue

1. S-101A, Sta. 357+50, RT – DBI to collect runoff from district maintenance road.
2. S-103A, Sta. 360+50, RT – DBI to collect runoff from district maintenance road.
3. 60” RCP cross drain, Sta. 364+79 – sub-lateral culvert connection replacement to Lateral ‘A’ Canal.
4. S-203A, Sta. 369+66.75, RT – DBI to collect runoff from district maintenance road.
5. S-206A, Sta. 375+75.00, RT – DBI to collect runoff from district maintenance road.
6. 24” RCP cross drain, Sta. 380+40.00 – Pond 66B outfall to Lateral ‘A’ Canal.
7. S-209A, Sta. 381+75.00, RT – DBI to collect runoff from district maintenance road.
8. S-212A, Sta. 387+69.15, RT – DBI to collect runoff from district maintenance road.
9. 60” RCP cross drain, Sta. 391+55 – sub-lateral culvert connection replacement to Lateral ‘A’ Canal.
10. S-303A, Sta. 396+53.85, RT – DBI to collect runoff from district maintenance road.
11. S-306A, Sta. 402+00.00, RT – DBI to collect runoff from district maintenance road.
12. 36” RCP cross drain, Sta. 404+75 – Pond 66C outfall to Lateral ‘A’ Canal.
13. S-309A, Sta. 408+50.00, RT – DBI to collect runoff from district maintenance road.
14. S-312A, Sta. 413+93.64, RT – DBI to collect runoff from district maintenance road.
15. 60” RCP cross drain, Sta. 419+30 – sub-lateral culvert connection replacement to Lateral ‘A’ Canal.
16. S-403A, Sta. 423+76.72, RT – DBI to collect runoff from district maintenance road.
17. S-406A, Sta. 429+20.71, RT – DBI to collect runoff from district maintenance road.
18. 24” RCP cross drain, Sta. 430+30 – Pond 66D outfall to Lateral ‘A’ Canal.
19. S-409A, Sta. 434+25.00, RT – DBI to collect runoff from district maintenance road.
20. S-409B, Sta. 436+50, RT – DBI to collect runoff from district maintenance road.
21. S-412, Sta. 440+25.00, RT – DBI to collect runoff from district maintenance road.

61st Street

1. 18” RCP, Sta. 185+79, RT – discharge connection from proposed roadside swale.
2. 18” RCP, Sta. 187+92.54, RT – existing swale connection.
3. 18” RCP, Sta. 188+12.56, RT – existing swale connection.
4. 18” RCP, Sta. 194+28.04, RT – existing swale connection.
5. Bridge Replacement, Sta. 201+02.68 to Sta. 201+43.35
6. 66” RCP sub-lateral enclosure for maintenance access, Sta. 201+46.96 to Sta. 202+90.96
7. 18” RCP, Sta. 214+39.60, RT – proposed roadside swale and existing swale connection



Project: 66th Avenue Roadway Widening Phase IB 49th Street to 69th Street
Subject: IRFWCD R/W Construction Improvements

The following below summarizes the proposed improvements within the IRFWCD right -of-way:
(cont.)

65th Street

1. 18" RCP, Sta. 182+10.00– discharge connection from proposed roadside swale.
2. 18" RCP, Sta. 191+01.18, RT – existing swale connection.
3. Bridge Replacement, Sta. 201+02.68 to Sta. 201+43.35
4. 66" RCP sub-lateral enclosure for maintenance access, Sta. 201+47.33 to Sta. 202+91.33.
5. 18" RCP, Sta. 211+43.46, RT – existing swale connection.
6. 18" RCP, Sta. 217+84.95, RT – proposed roadside swale and existing swale connection

69th Street

1. 18" RCP, Sta. 186+60.00– discharge connection from proposed roadside swale.
2. 18" RCP, Sta. 194+68.30, RT – existing swale connection.
3. 12' x 8' RCBC Bridge Replacement, Sta. 201+20.01
4. 66" RCP sub-lateral enclosure for maintenance access, Sta. 201+95.00 to Sta. 202+67.41.