

FOR SHEET LAYOUT AND INDEX SEE SHEET IL1



# PROPOSED PLANS: PALMETTO COMMERCE INTERCHANGE

(APPROXIMATELY 0.8 MILES SOUTH OF U.S.78  
AND 1.9 MILES NORTH OF ASHLEY PHOSPHATE RD.)

Hydraulic Design Reference for these plans is the:  
**2009**  
Edition of SCDOT's "Requirements for Hydraulic Design Studies"

Design Reference for these plans is the:  
**2017**  
SCDOT Roadway Design Manual

NPDES PERMIT INFORMATION

Disturbed Area = 45.6 Acre(s)  
Project Area = 48.6 Acre(s)

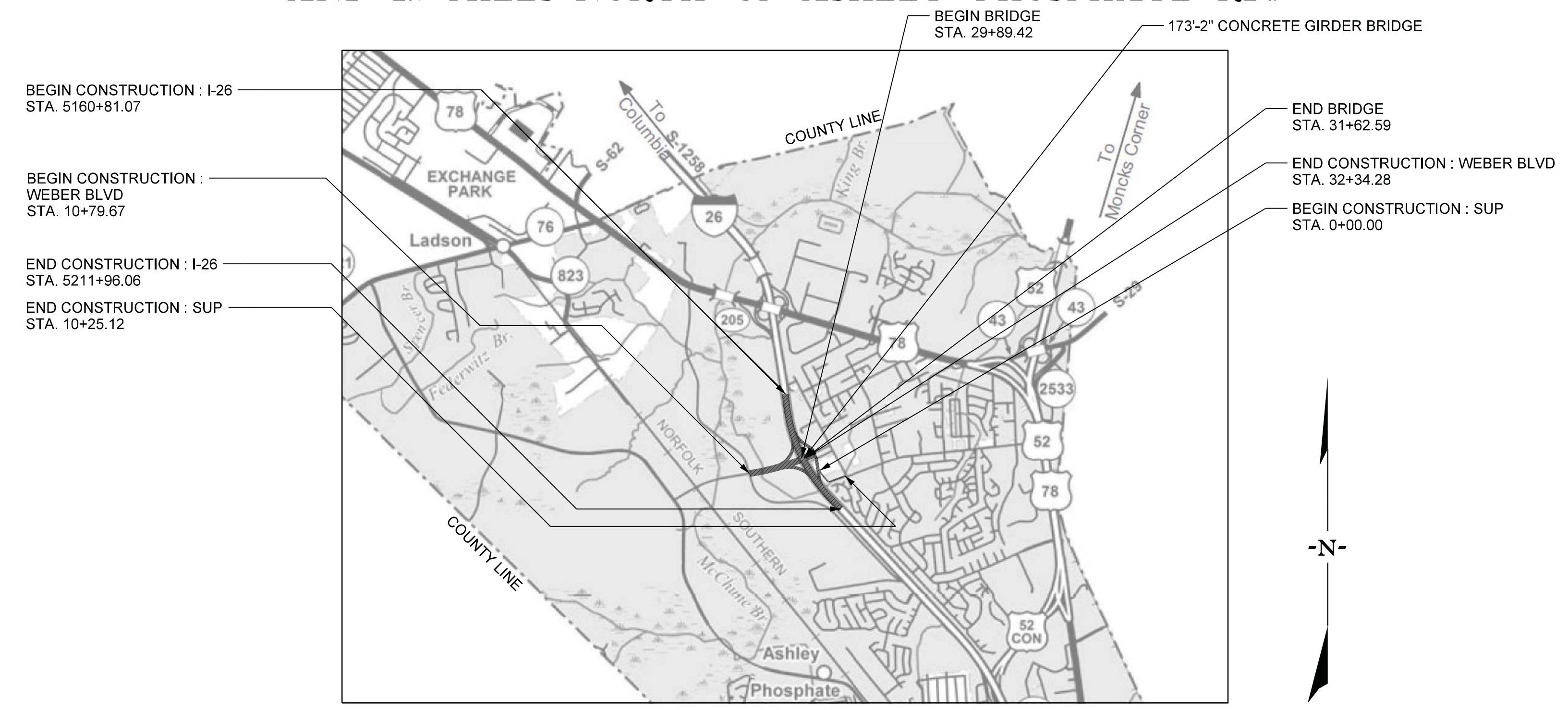
Approximate Location of Roadway is

Begin  
Latitude 32° 58' 10" N  
Longitude 80° 04' 31" W

End  
Latitude 32° 57' 32" N  
Longitude 80° 04' 10" W

Hydraulic and NPDES Design provided by:  
**DAVIS & FLOYD, INC.**

Designs may be obtained from the SCDOT Regional Production Group



	RIGHT-OF-WAY		CONSTRUCTION	
	INITIAL	DATE	INITIAL	DATE
RPG - ROAD				
RPG - HYDROLOGY				
RPG - STRUCTURES				
RPG - GEOTECHNICAL				
PRECONSTRUCTION SUPPORT - ROAD				
PRECONSTRUCTION SUPPORT - STRUCTURES				
RPG - DESIGN MANAGER				
RPG - PROGRAM MANAGER				

THE INITIALS ABOVE DO NOT RELIEVE THE ENGINEER OF RECORD OF THE RESPONSIBILITY TO DESIGN THIS PROJECT IN ACCORDANCE WITH ALL APPLICABLE CRITERIA.

ENVIRONMENTAL PERMIT INFORMATION

USACE PERMIT	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		
NEPA DOCUMENT	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		
401 CERTIFICATION	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		
OCRM CAP	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO		
NAVIGABLE WATERS	<input type="checkbox"/> SC	<input type="checkbox"/> USCG	<input type="checkbox"/> USACE	<input checked="" type="checkbox"/> N/A

3 DAYS BEFORE DIGGING IN SOUTH CAROLINA  
**CALL 811**  
SOUTH CAROLINA 811 (SC811)  
WWW.SC811.COM  
ALL UTILITIES MAY NOT BE A MEMBER OF SC811

RAILROAD INVOLVEMENT?  
YES  NO

TRAFFIC DATA  
PALMETTO COMMERCE INTERCHANGE

2020	ADT	108,300
2040	ADT	139,227
	TRUCKS	10 %

LAYOUT SCALE = NTS

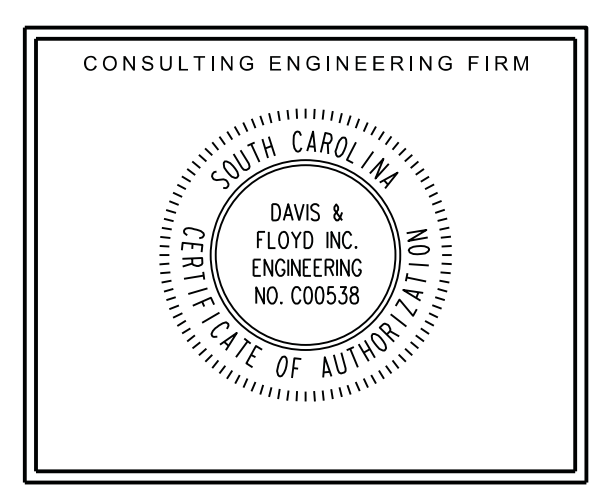
	I-26	RAMP 1	RAMP 2	RAMP 3	RAMP 4	WEBER RD.	Blue House Rd.	SUP	TOTAL MILES
NET LENGTH OF ROADWAY	0.969	0.251	0.321	0.381	0.305	0.375	0.067	0.000	2.669
NET LENGTH OF SUP	0.000	0.000	0.201	0.000	0.000	0.507	0.000	0.194	0.902
NET LENGTH OF BRIDGES	0.000	0.000	0.000	0.000	0.000	0.032	0.000	0.000	0.032
NET LENGTH OF PROJECT	0.969	0.251	0.522	0.381	0.305	0.914	0.067	0.194	3.603
LENGTH OF EXCEPTIONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GROSS LENGTH OF PROJECT	0.969	0.251	0.522	0.381	0.305	0.914	0.067	0.194	3.603

EQUALITIES IN STATIONING: NONE

NOTE: EXCEPT AS MAY OTHERWISE BE SPECIFIED ON THE PLANS OR IN THE SPECIAL PROVISIONS, ALL MATERIALS AND WORKMANSHIP ON THIS PROJECT SHALL CONFORM TO THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (2007 EDITION) AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT AT THE TIME OF THE LETTING.

"BRIDGE PLANS BOUND UNDER SEPARATE COVER"

**DAVIS & FLOYD**  
SINCE 1954



ENGINEER OF RECORD

FOR CONSTRUCTION: Lindsey E. Keziah 9/27/2022  
DATE

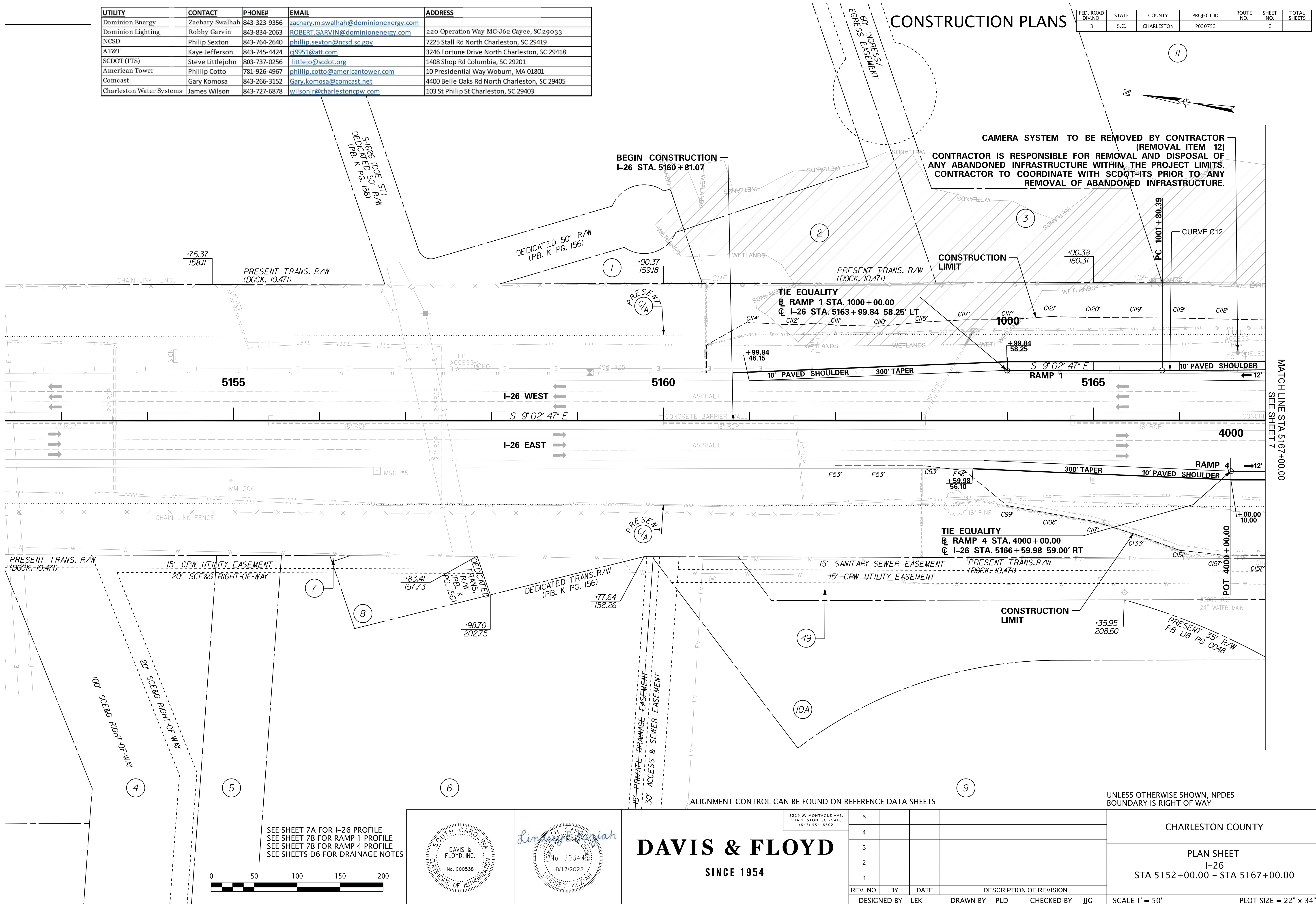
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9/27/2022



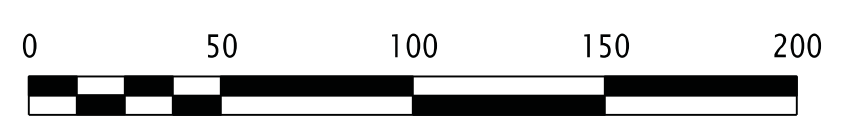
UTILITY	CONTACT	PHONE#	EMAIL	ADDRESS
Dominion Energy	Zachary Swalhah	843-323-9356	zachary.m.swalhah@dominionenergy.com	
Dominion Lighting	Robby Garvin	843-834-2063	ROBERT.GARVIN@dominionenergy.com	220 Operation Way MC-J62 Cayce, SC 29033
NCSD	Philip Sexton	843-764-2640	phillip.sexton@ncsd.sc.gov	7225 Stall Rc North Charleston, SC 29419
AT&T	Kaye Jefferson	843-745-4424	cj9951@att.com	3246 Fortune Drive North Charleston, SC 29418
SCDOT (ITS)	Steve Littlejohn	803-737-0256	littlejo@scdot.org	1408 Shop Rd Columbia, SC 29201
American Tower	Phillip Cotto	781-926-4967	phillip.cotto@americantower.com	10 Presidential Way Woburn, MA 01801
Comcast	Gary Komosa	843-266-3152	Gary.komosa@comcast.net	4400 Belle Oaks Rd North Charleston, SC 29405
Charleston Water Systems	James Wilson	843-727-6878	wilsonjr@charlestoncpw.com	103 St Philip St Charleston, SC 29403

# CONSTRUCTION PLANS

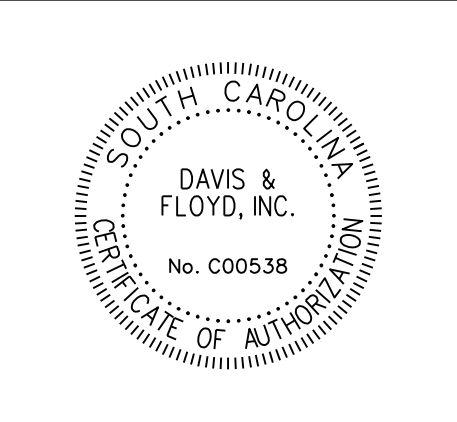
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3	S.C.	CHARLESTON	P030753		6	



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 8/16/2022



SEE SHEET 7A FOR I-26 PROFILE  
 SEE SHEET 7B FOR RAMP 1 PROFILE  
 SEE SHEET 7C FOR RAMP 4 PROFILE  
 SEE SHEETS D6 FOR DRAINAGE NOTES



**DAVIS & FLOYD**  
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 (843) 554-8602

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
5			
4			
3			
2			
1			

DESIGNED BY LEK DRAWN BY PLD CHECKED BY JJG

CHARLESTON COUNTY

PLAN SHEET  
 I-26  
 STA 5152+00.00 - STA 5167+00.00

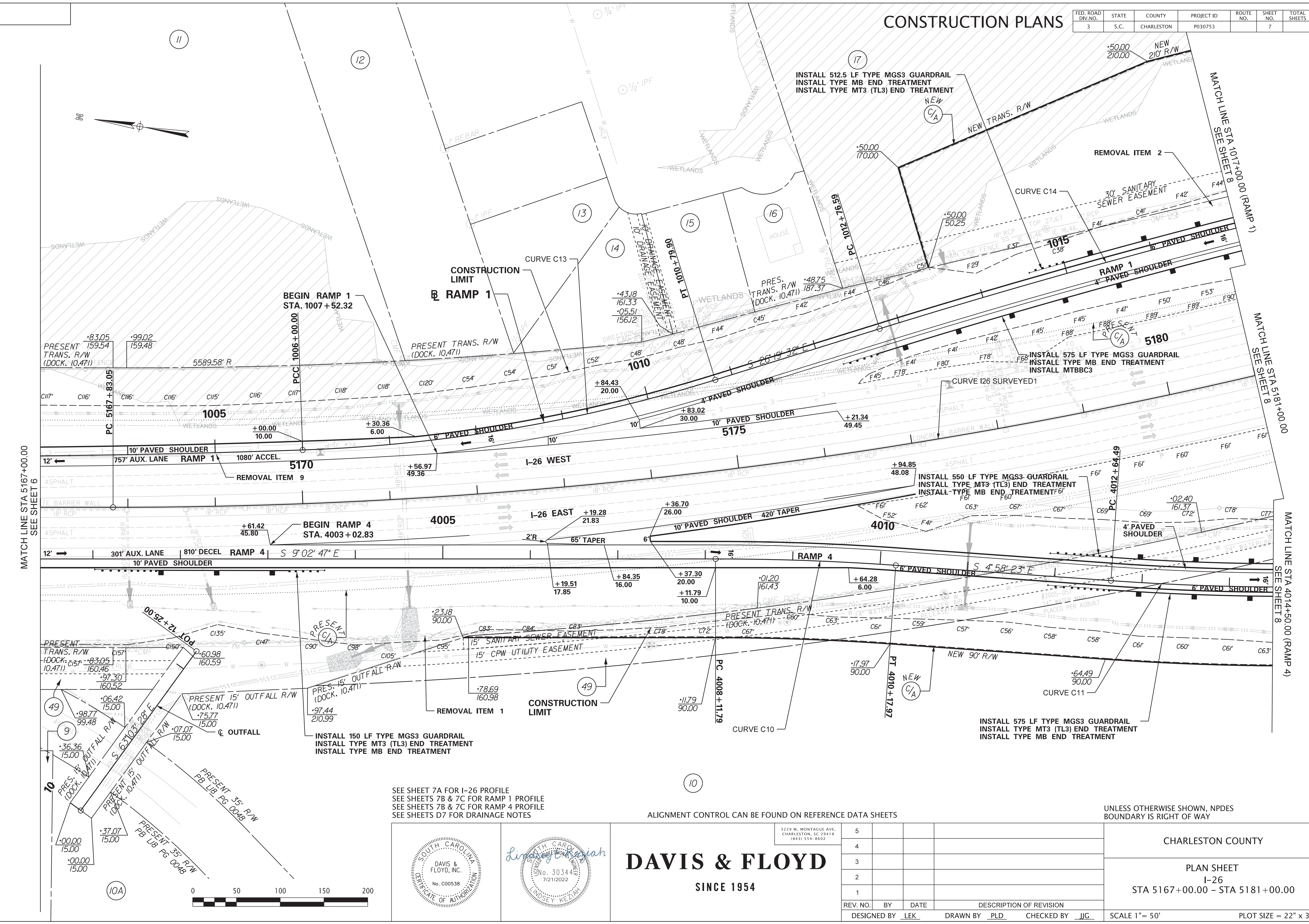
SCALE 1" = 50'  
 PLOT SIZE = 22" x 34"

MATCH LINE STA 5167+00.00  
 SEE SHEET 7



# CONSTRUCTION PLANS

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	CHARLESTON	P030753		7	



MATCH LINE STA 5167+00.00  
SEE SHEET 6

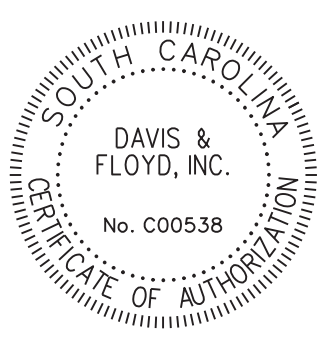
MATCH LINE STA 5181+00.00  
SEE SHEET 8

SEE SHEET 7A FOR I-26 PROFILE  
SEE SHEETS 7B & 7C FOR RAMP 1 PROFILE  
SEE SHEETS 7B & 7C FOR RAMP 4 PROFILE  
SEE SHEETS D7 FOR DRAINAGE NOTES

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE DATA SHEETS

UNLESS OTHERWISE SHOWN, NPDES BOUNDARY IS RIGHT OF WAY

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7/18/2022



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5					
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2					
1					
REV. NO.	BY	DATE	DESCRIPTION OF REVISION		
DESIGNED BY	LEK	DRAWN BY	PLD	CHECKED BY	JJG

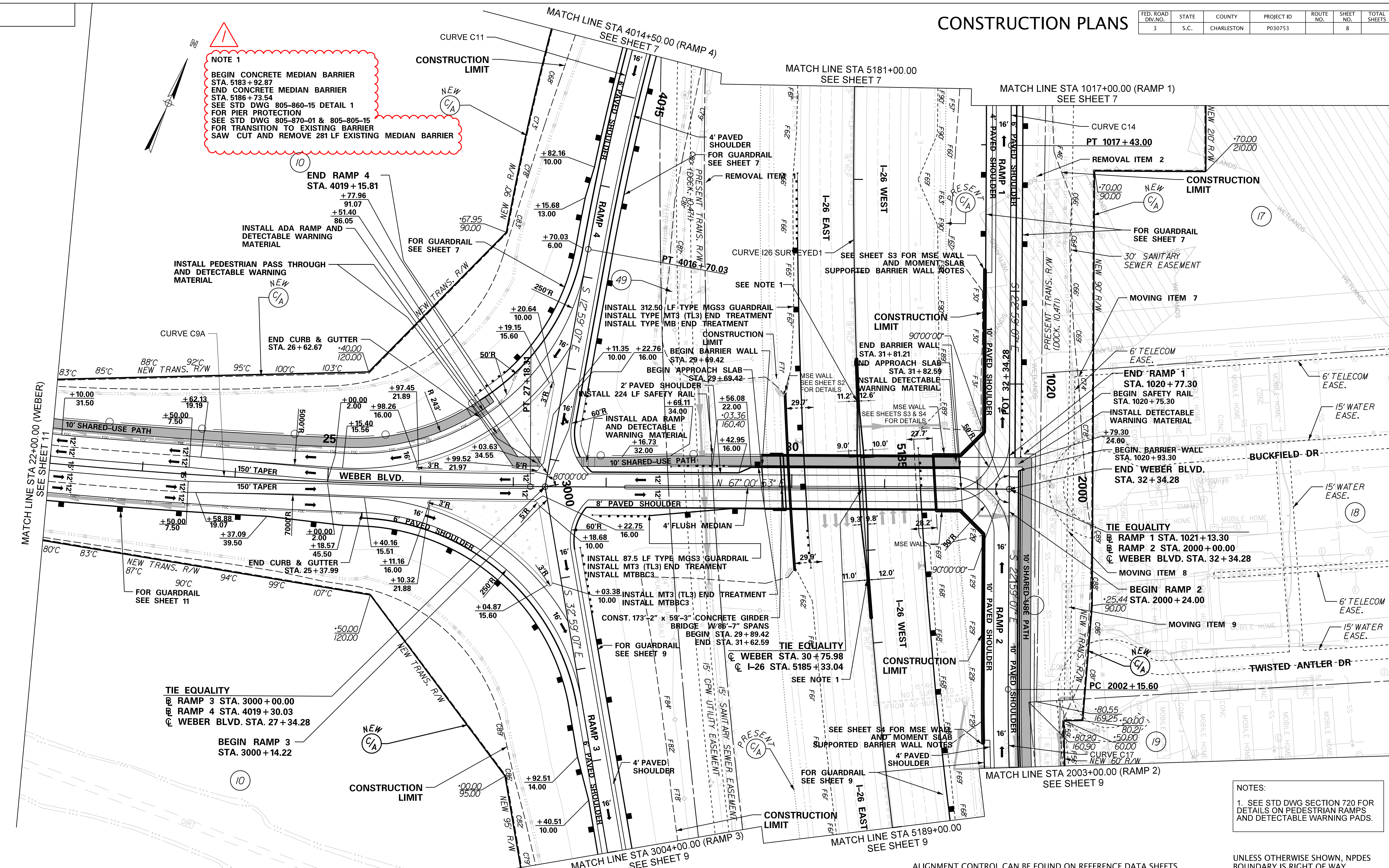
CHARLESTON COUNTY  
  
PLAN SHEET  
I-26  
STA 5167+00.00 - STA 5181+00.00  
  
SCALE 1" = 50'  
PLOT SIZE = 22" x 34"



# CONSTRUCTION PLANS

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	CHARLESTON	P030753		8	

**NOTE 1**  
 BEGIN CONCRETE MEDIAN BARRIER  
 STA. 5183+92.87  
 END CONCRETE MEDIAN BARRIER  
 STA. 5186+73.54  
 SEE STD DWG 805-860-15 DETAIL 1  
 FOR PIER PROTECTION  
 SEE STD DWG 805-870-01 & 805-805-15  
 FOR TRANSITION TO EXISTING BARRIER  
 SAW CUT AND REMOVE 281 LF EXISTING MEDIAN BARRIER



**TIE EQUALITY**  
 B RAMP 3 STA. 3000+00.00  
 B RAMP 4 STA. 4019+30.03  
 C WEBER BLVD. STA. 27+34.28

BEGIN RAMP 3  
 STA. 3000+14.22

**NOTES:**  
 1. SEE STD DWG SECTION 720 FOR DETAILS ON PEDESTRIAN RAMPS AND DETECTABLE WARNING PADS.

UNLESS OTHERWISE SHOWN, NPDES BOUNDARY IS RIGHT OF WAY

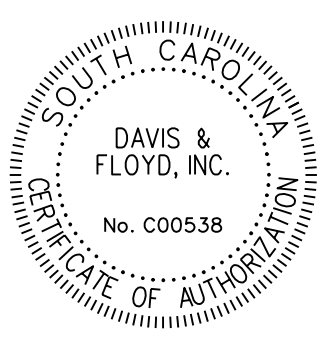
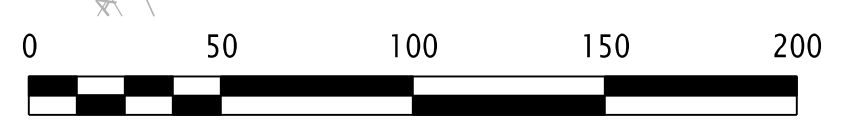
ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE DATA SHEETS

CHARLESTON COUNTY

PLAN SHEET  
 I-26  
 STA 5181+00.00 - STA 5189+00.00

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 3/10/2023

SEE SHEET 9A FOR I-26 PROFILE  
 SEE SHEETS 7B & 7C FOR RAMP 1 PROFILE  
 SEE SHEETS 9B & 9C FOR RAMP 2 PROFILE  
 SEE SHEETS 9B & 9C FOR RAMP 3 PROFILE  
 SEE SHEETS 7B & 7C FOR RAMP 4 PROFILE  
 SEE SHEET 11A FOR WEBER BLVD PROFILE  
 SEE SHEET D8 FOR DRAINAGE NOTES  
 SEE SHEET L3 FOR CONDUIT NOTES



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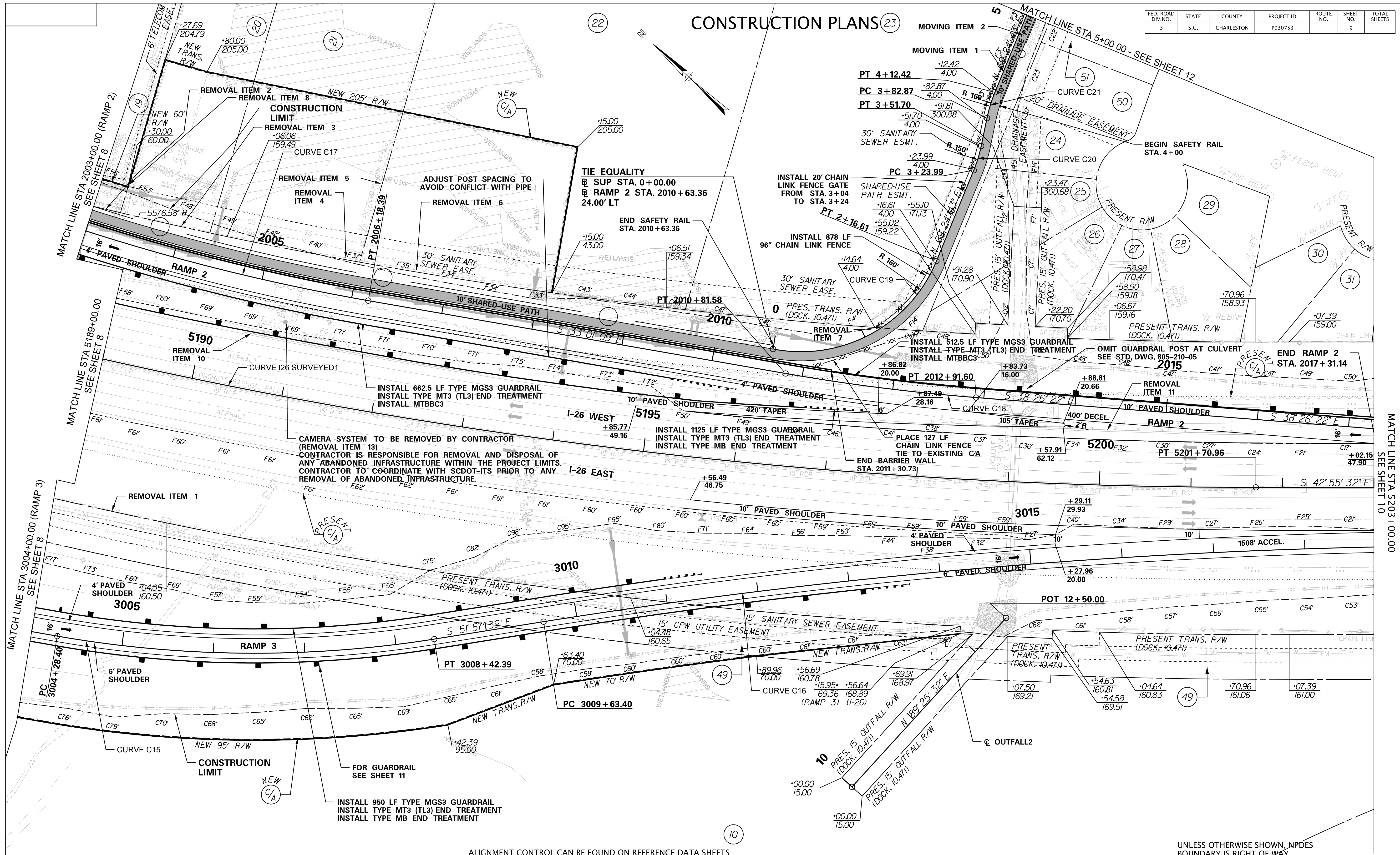
REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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1	JJG	3/9/2023	NOTE 1 REVISED, MEDIAN WALL LINEWORK REVISED

DESIGNED BY LEK DRAWN BY PLD CHECKED BY JJG

SCALE 1" = 50' PLOT SIZE = 22" x 34"



SCALE: 50,000 ft. / in.  
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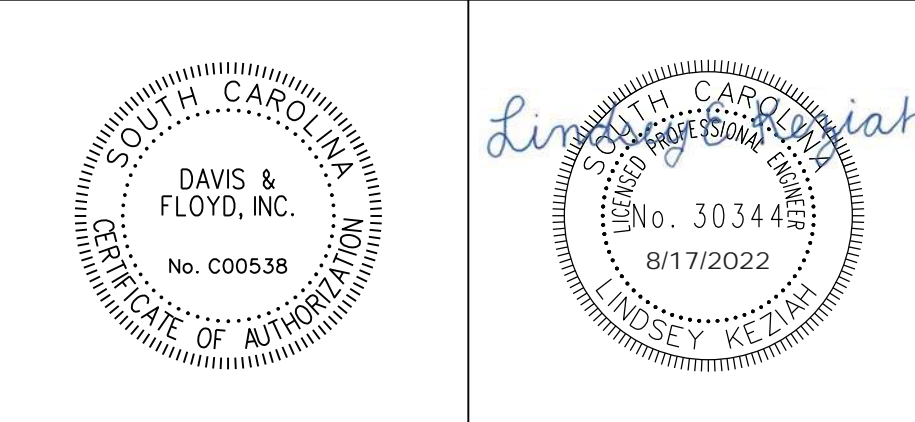
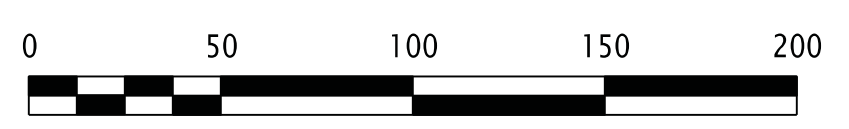


FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	CHARLESTON	P030753		9	

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE DATA SHEETS

UNLESS OTHERWISE SHOWN, NPDES BOUNDARY IS RIGHT OF WAY

SEE SHEET 9A FOR I-26 PROFILE  
 SEE SHEETS 9B & 9C FOR RAMP 2 PROFILE  
 SEE SHEETS 9B & 9C FOR RAMP 3 PROFILE  
 SEE SHEET 18 FOR SUP PROFILE  
 SEE SHEET D9 FOR DRAINAGE NOTES



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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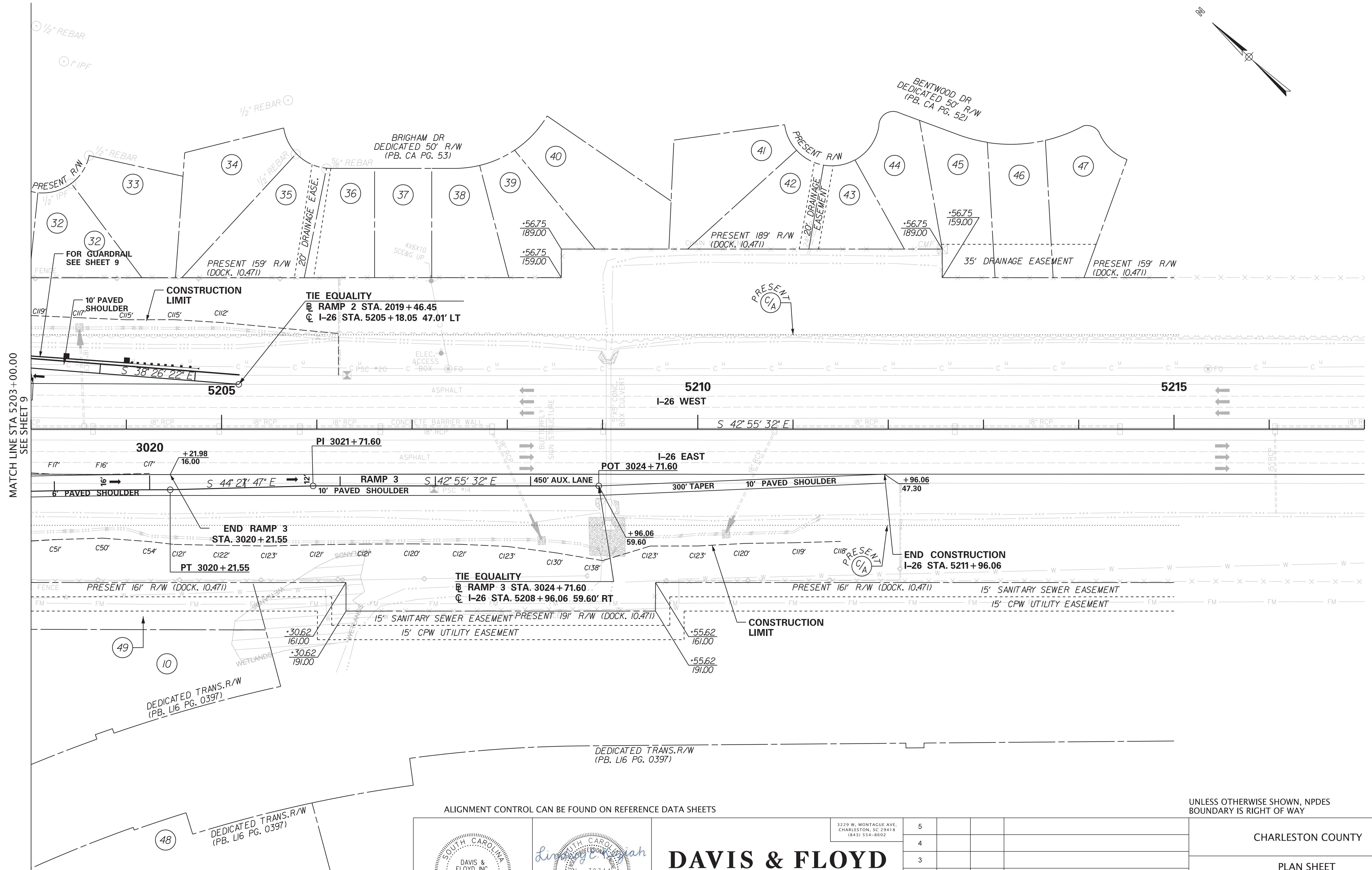
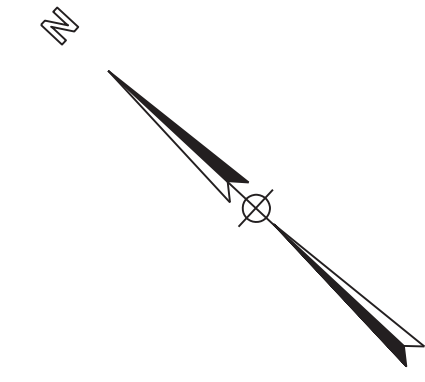
DESIGNED BY LEK DRAWN BY PLD CHECKED BY JIG

CHARLESTON COUNTY  
 PLAN SHEET  
 I-26  
 STA 5189+00.00 - STA 5203+00.00  
 SCALE 1" = 50'  
 PLOT SIZE = 22" x 34"



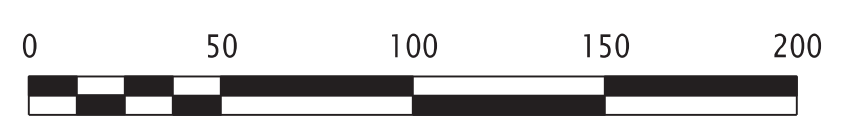
# CONSTRUCTION PLANS

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3	S.C.	CHARLESTON	P030753		10	

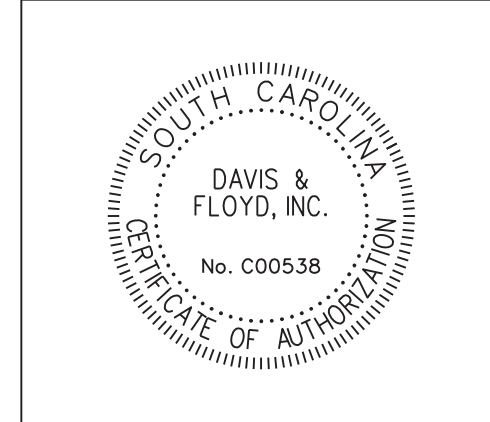


MATCH LINE STA 5203+00.00 SEE SHEET 9

SEE SHEET 10A FOR I-26 PROFILE  
 SEE SHEETS 9B & 9C FOR RAMP 2 PROFILE  
 SEE SHEETS 9B & 9C FOR RAMP 3 PROFILE  
 SEE SHEET D10 FOR DRAINAGE NOTES



ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE DATA SHEETS



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY	LEK	DRAWN BY	PLD
		CHECKED BY	JJG

UNLESS OTHERWISE SHOWN, NPDES BOUNDARY IS RIGHT OF WAY

CHARLESTON COUNTY

PLAN SHEET  
 I-26  
 STA 5203+00.00 - STA 5217+00.00

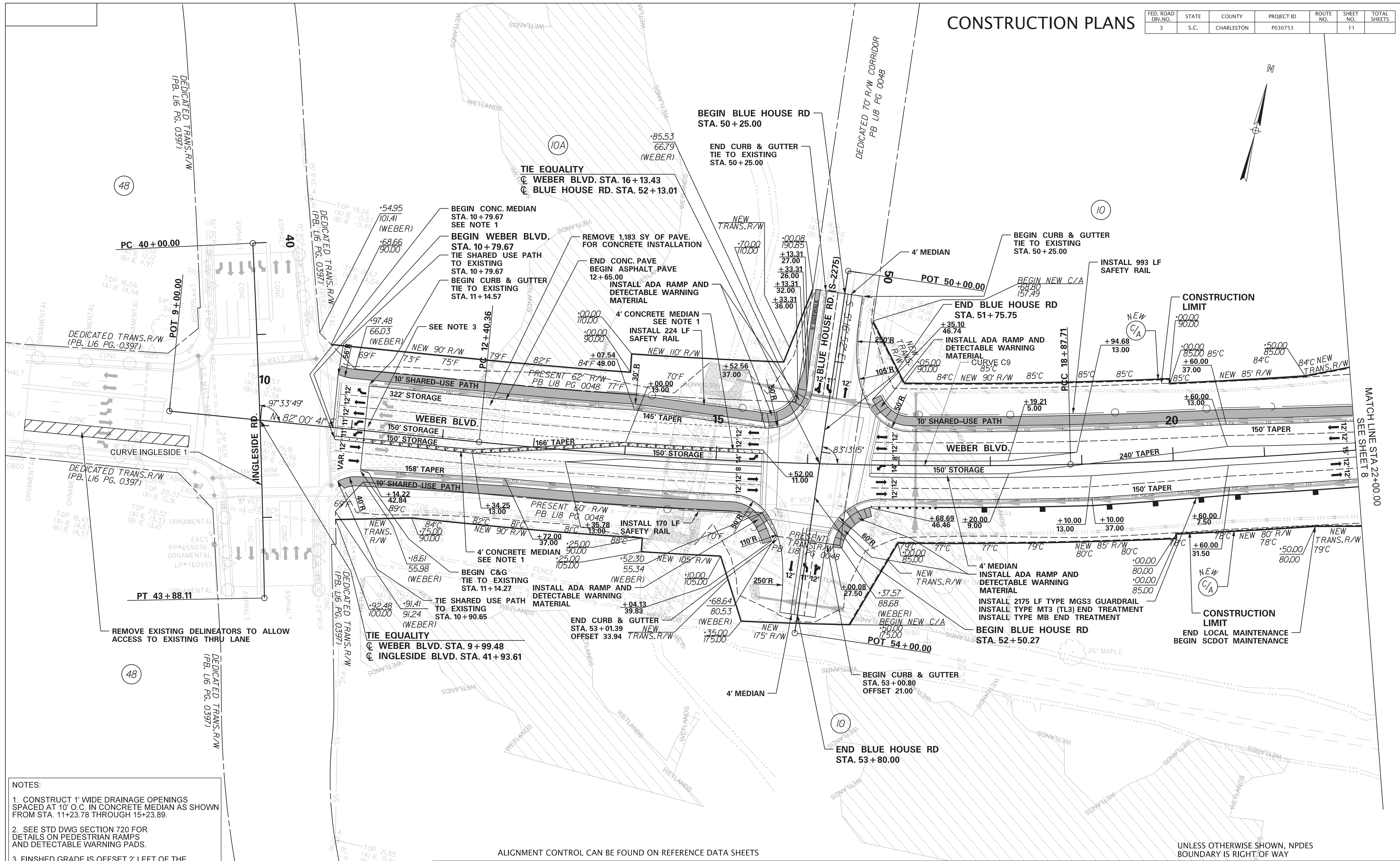
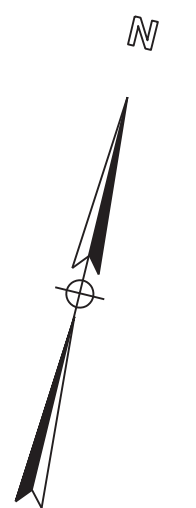
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 7/18/2022



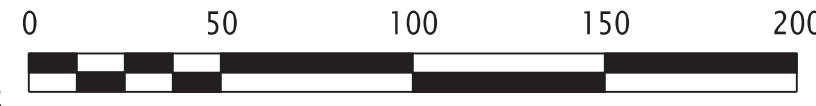
# CONSTRUCTION PLANS

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	CHARLESTON	P030753		11	



- NOTES:**
- CONSTRUCT 1" WIDE DRAINAGE OPENINGS SPACED AT 10' O.C. IN CONCRETE MEDIAN AS SHOWN FROM STA. 11+23.78 THROUGH 15+23.89.
  - SEE STD DWG SECTION 720 FOR DETAILS ON PEDESTRIAN RAMPS AND DETECTABLE WARNING PADS.
  - FINISHED GRADE IS OFFSET 2' LEFT OF THE CENTERLINE FROM STA. 11+14.57 TO STA. 12+65.00.
- FINISHED GRADE TRANSITIONS A FROM A 2' OFFSET TO A 0' OFFSET LEFT OF THE CENTERLINE FROM STA. 12+65.00 STA. 13+25.00.
- SEE CROSS SECTIONS FOR DETAILS.

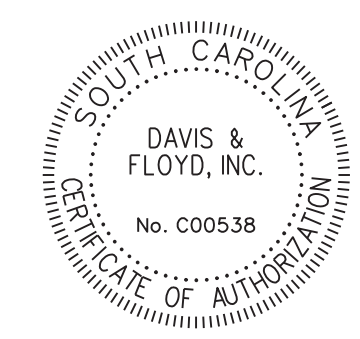
SEE SHEET 11A FOR WEBER BLVD PROFILE  
 SEE SHEETS D11 FOR DRAINAGE NOTES  
 SEE SHEETS 23-26 FOR CONCRETE PAVEMENT DETAILS  
 SEE SHEET L2 FOR CONDUIT NOTES



ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE DATA SHEETS

UNLESS OTHERWISE SHOWN, NPDES BOUNDARY IS RIGHT OF WAY

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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CHARLESTON COUNTY

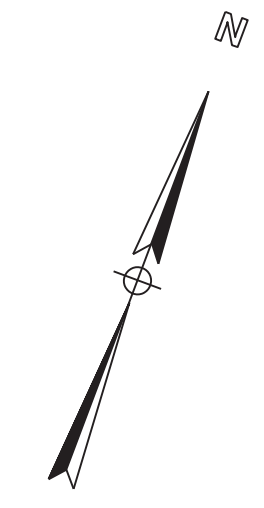
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 WEBER BLVD  
 STA 10+00.00 - STA 22+00.00

SCALE 1" = 50'  
 PLOT SIZE = 22" x 34"



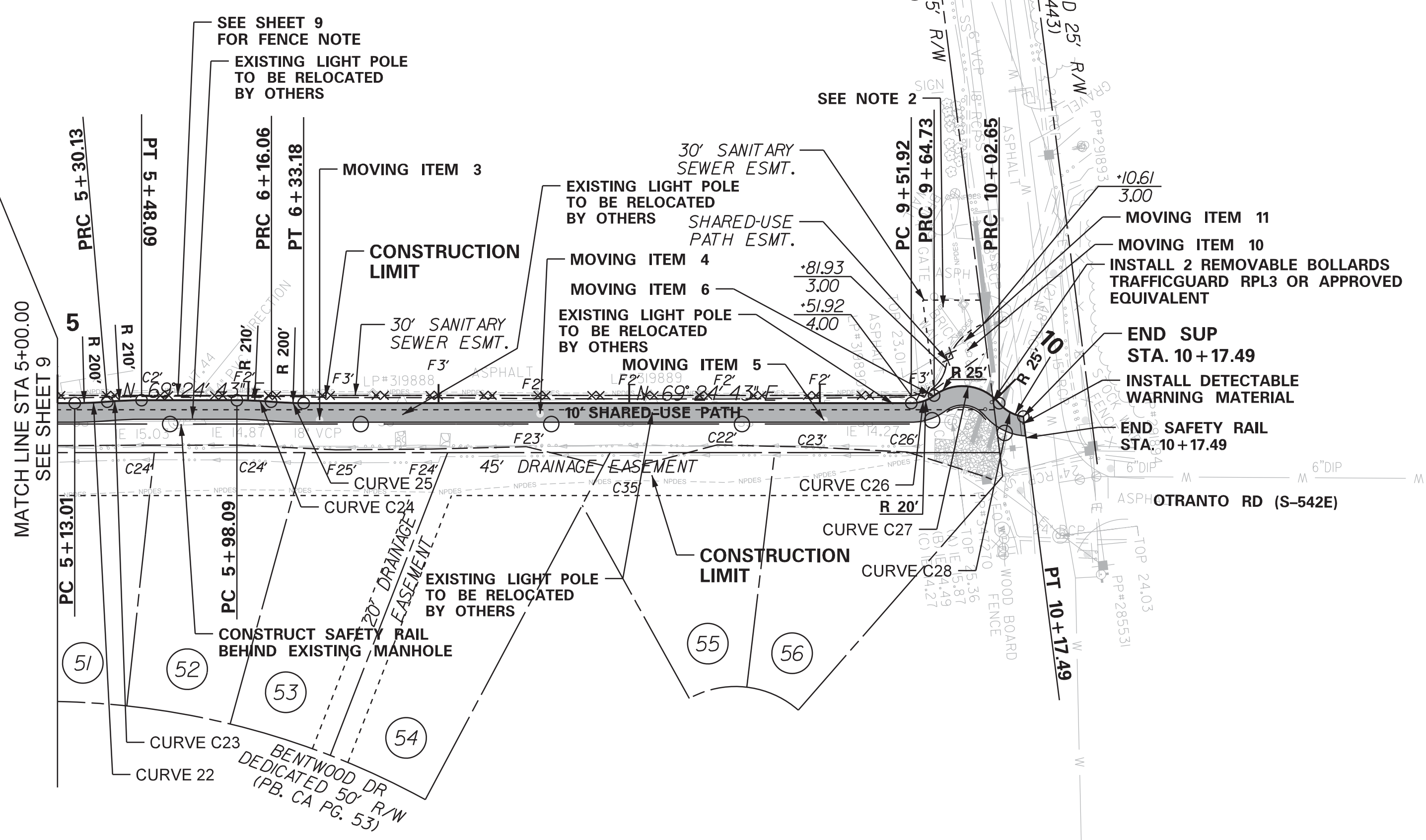
# CONSTRUCTION PLANS

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	CHARLESTON	P030753		12	



22

23

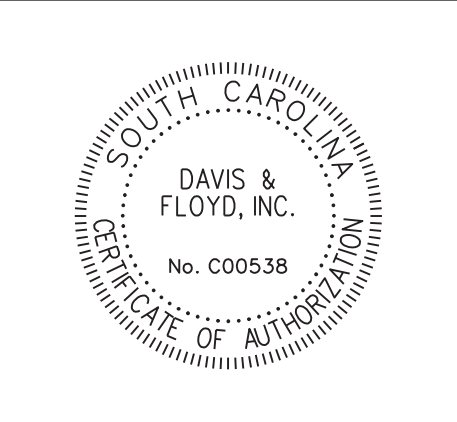
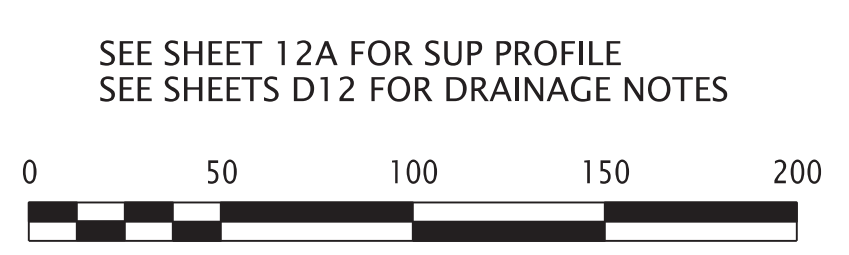


- NOTES:**
- SEE STD DWG SECTION 720 FOR DETAILS ON PEDESTRIAN RAMPS AND DETECTABLE WARNING PADS.
  - THE BRICK ENTRANCE WALL SHALL NOT BE DISTURBED BY THE CONTRACTOR IN ANY WAY.
  - NO CONSTRUCTION SHALL BE PERFORMED ON TRACT 23 ON SUNDAYS OR AFTER 6:00 PM ON WEDNESDAY EVENING DURING CONSTRUCTION. TRACT 23 IS NOT TO BE USED BY CONSTRUCTION PERSONNEL OR FOR STORING CONSTRUCTION EQUIPMENT IN ANY WAY DURING PREPARATION OR CONSTRUCTION OF THE SHARED-USE PATH.

UNLESS OTHERWISE SHOWN, NPDES BOUNDARY IS RIGHT OF WAY

ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE DATA SHEETS

SCALE: 50,000 ft / in.  
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5			
4			
3			
2			
1			

DESIGNED BY LEK DRAWN BY PLD CHECKED BY JJG

CHARLESTON COUNTY	
PLAN SHEET SUP STA 5+00.00 - STA 10+21.96	
SCALE 1" = 50'	PLOT SIZE = 22" x 34"