

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00004-00-PV	MADISON	19	1
ILLINOIS		CONTRACT NO. 97703		

INDEX OF SHEETS

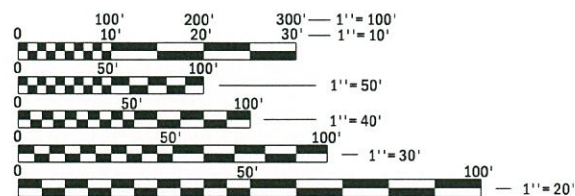
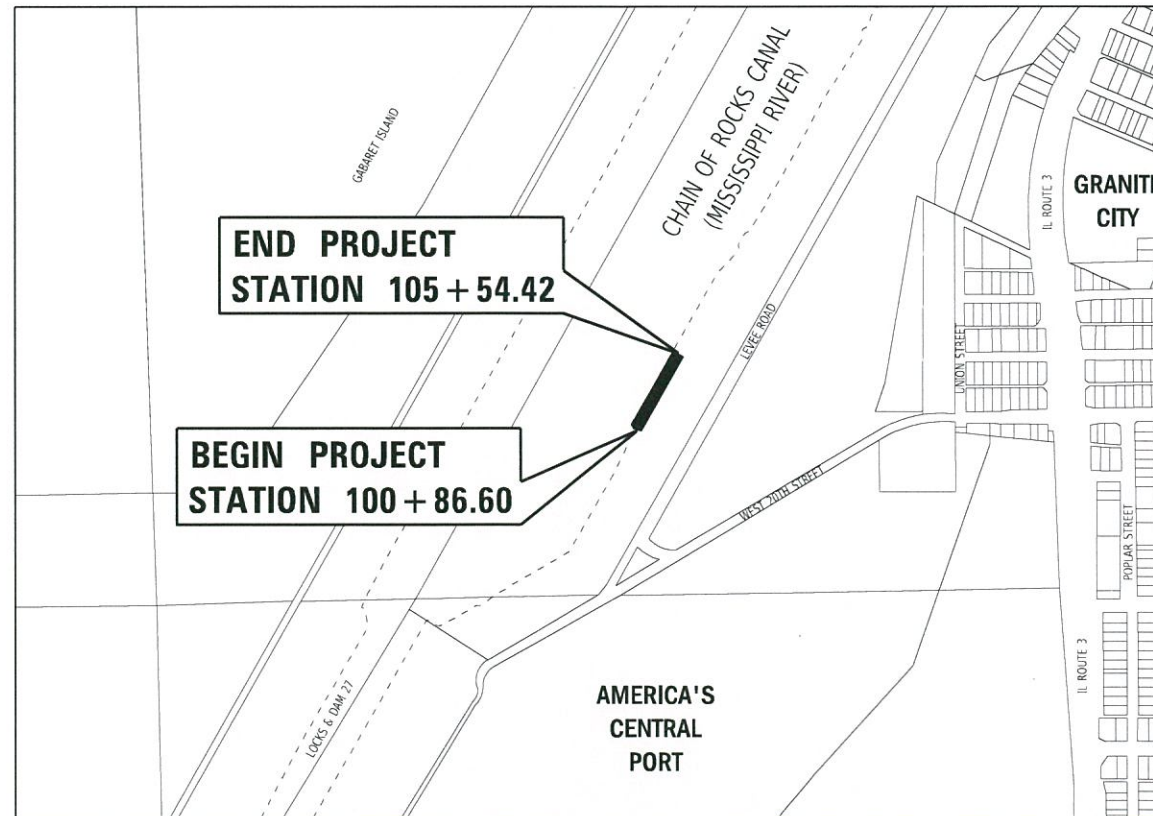
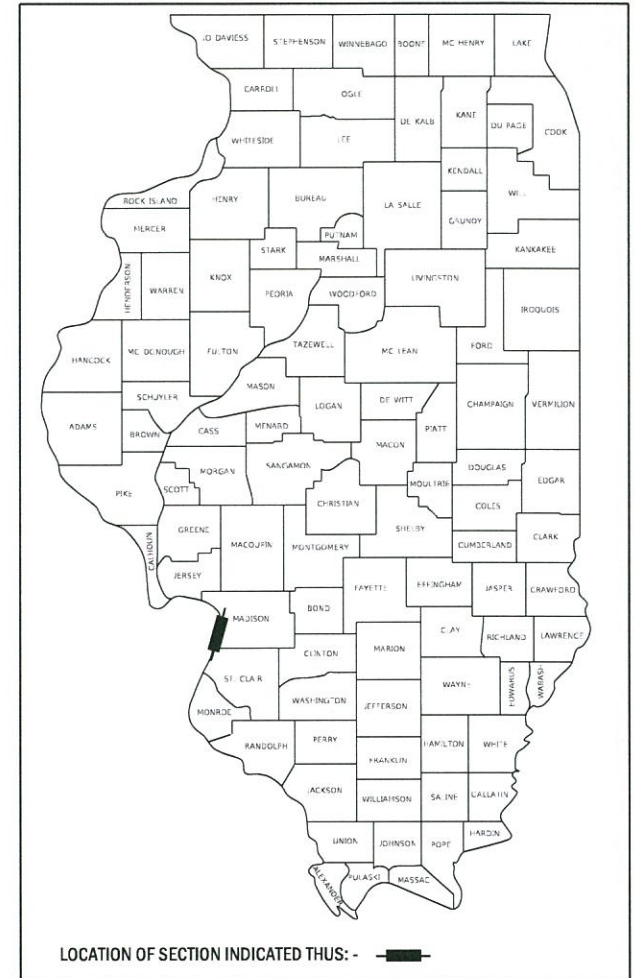
SHEET NUMBER	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES AND LEGEND
3	SUMMARY OF QUANTITIES
4	EXISTING TYPICAL SECTIONS
5	PROPOSED TYPICAL SECTIONS
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GRANITE CITY HARBOR DOCK IMPROVEMENTS PROJECT AMERICA'S CENTRAL PORT

COMPETITIVE FREIGHT PROGRAM
SECTION 18-00004-00-PV
MADISON COUNTY
PROJECT NO. JPEF(565)
JOB NO. C-98-037-19

STANDARDS

- 000001-07
- 001001-02
- 001006
- 701901-08



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

LOCATION MAP
SCALE: 1" = 500'

GROSS LENGTH OF PROJECT: 467.82 LINEAR FEET - 0.089 MILES
NET LENGTH OF PROJECT: 467.82 LINEAR FEET - 0.089 MILES
SECTION 14, T. 3 N., R. 10 W., 3RD P.M.
MADISON COUNTY

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Approved: *[Signature]*
4/2/19
America's Central Port, Executive Director

Passed: *[Signature]*
April 5, 2019
District 8 Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review: *[Signature]*
April 5, 2019
Region 5 Engineer

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS



[Signature] 4/2/19
BRIAN F. KULICK P.E. No. 49936
(Printed by Authority of the State of Illinois)
Job No. E181300


































Expires 11-30-19



Professional Design Firm License No. 184.003389

2100 State Street, P.O. Box 1325
Granite City, IL 62040-4725
100 North Research Drive
Edwardsville, IL 62025-3638
330 N. Fourth Street, Suite 200
St. Louis, MO 63102-2007
555 West Central Rd. Suite 101
Hoffman Estates, IL 60192-1942

LEGEND

	EVERGREEN (5" DIA)		FOUND CONCRETE MONUMENT		WATER LINE
	DECIDUOUS (8" DIA)		WATER METER		GAS LINE
	EVERGREEN SHRUB		GAS METER		OVERHEAD ELECTRIC LINE
	SHRUB		WATER VALVE		TELEPHONE LINE
	FIRE HYDRANT		GAS VALVE		CABLE TV LINE
	SIGN	(TBA) TO BE ADJUSTED			STORM SEWER
	BOLLARD	(TBR) TO BE REMOVED			SANITARY SEWER
	POWER POLE	(TBR&R) TO BE REMOVED & RELOCATED			LIGHT POLE
	POWER POLE WITH DOWN GUY	(TBR&RBO) TO BE REMOVED & RELOCATED BY OTHERS			STORM SEWER MANHOLE
	FENCE	DND DO NOT DISTURB			SANITARY SEWER MANHOLE
	BENCH MARK		PROPERTY LINE		CATCH BASIN
	DITCH/SWALE		EXISTING R.O.W. LINE		INLET
	EXISTING MAILBOX		POST		

GENERAL NOTES:

ILLINOIS STATE LAW REQUIRES A 48-HR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-J.U.L.I.E. MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

* NO KNOWN UTILITES

* IT SHALL BE CONSIDERED THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT THERE ARE NO UTILITES IN CONFLICT WITHIN THE PROJECT AREA BEFORE COMMENCING CONSTRUCTION.

FOR UTILITY LOCATION PURPOSES, THIS PROJECT IS LOCATED IN SECTION 14 OF TOWNSHIP 3 NORTH, RANGE 10 WEST OF THE THIRD PRINCIPAL MERIDIAN.

THE CONTRACTOR SHALL CONSTRUCT PAVEMENT SO THAT FLOW ALONG CURBS AND/OR GUTTERS IS MAINTAINED, INCLUDING FLOW THROUGH INTERSECTIONS, AROUND CURB RETURNS AND TO EXISTING INLETS.

EARTHWORK AND MATERIAL REQUIRED IN CONNECTION WITH EXCAVATION, EMBANKMENTS, BACKFILLING BEHIND CURBS, SIDEWALKS, AND DRAINAGE STRUCTURES, AND GRADING AND SHAPING OF AREAS DISTURBED BY THE CONTRACTOR SHALL NOT BE PAID FOR SEPERATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO VARIOUS ITEMS OF WORK INVOLVED AND NO ADDITIONAL COMPENSATION OR REMUNERATION WILL BE ALLOWED.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

THE CONTRACTOR SHALL ADJUST GAS VALVES AND METERS, WATER VALVES AND METERS, INLETS, MANHOLES, AND OTHER ITEMS LOCATED WITHIN THE EXISTING CORRIDOR TO MATCH THE PROPOSED SURFACE. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

AN ESTIMATED QUANTITY OF 50 TONS OF "AGGREGATE FOR TEMPORARY ACCESS" HAS BEEN INCLUDED IN THIS CONTRACT FOR THE PURPOSE OF MAINTAINING ACCESS TO PRIVATE AND COMMERCIAL PROPERTIES, SIDE ROADS AND SIDEWALK THROUGH CONSTRUCTION OPERATIONS DURING THIS CONTRACT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR AN ON-SITE INSPECTION PRIOR TO SUBMITTING A BID ON THIS PROJECT. UPON RECEIPT OF A BID, IT SHALL BE ASSUMED THAT THE CONTRACTOR IS FULLY FAMILIAR WITH THE CONSTRUCTION SITE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE FIRE DEPARTMENT AND POLICE DEPARTMENT OF THE RESPECTIVE MUNICIPALITY ANY TIME NORMAL TRAFFIC FLOW ON ANY STREET OR ROAD IS TO BE INTERRUPTED, HOWEVER BRIEFLY. AMERICA'S CENTRAL PORT SHALL ALSO BE NOTIFIED OF ANY INCONVENIENCE TO TRAFFIC IN THE AREA.

GRANITE CITY FIRE DEPARTMENT 618-876-4546 (NON-EMERGENCY)
 GRANITE CITY POLICE DEPARTMENT 618-876-9027 (NON-EMERGENCY)
 MADISON COUNTY POLICE DEPARTMENT 618-692-6087 (NON-EMERGENCY)
 AMERICA'S CENTRAL PORT 618-877-8444

COMMITMENTS

NO COMMITMENTS

**GRANITE CITY HARBOR DOCK IMPROVEMENTS
AMERICA'S CENTRAL PORT**

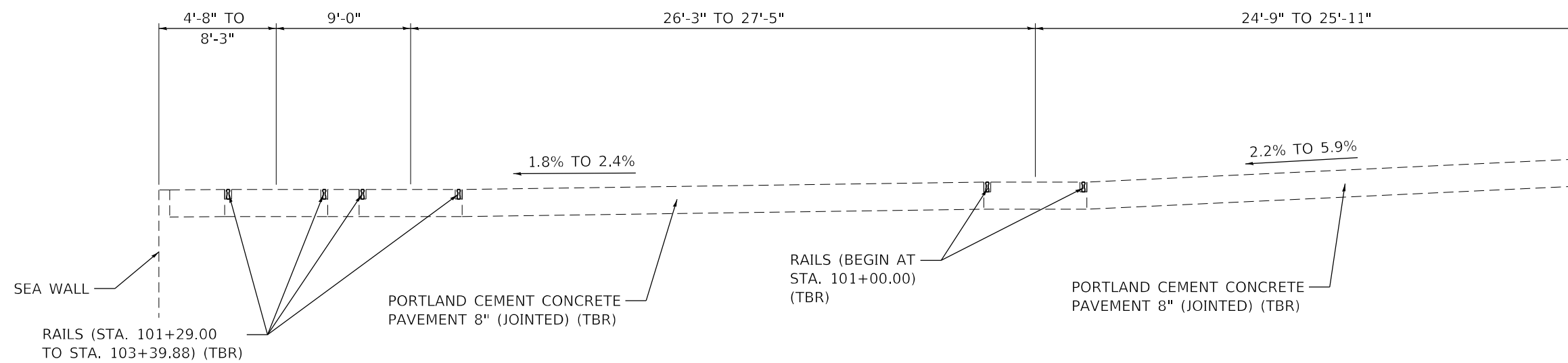
GENERAL NOTES AND LEGEND

SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-0004-00-PV	MADISON	19	2
CONTRACT NO. 97703				
ILLINOIS FED. AID PROJECT				

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	DRAWN - TAK	REVISED -
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PLOT DATE = 3/29/2019	DATE - 2/8/19	REVISED -



EXISTING TYPICAL SECTION

STA. 100+86.60 TO STA. 105+54.42

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 JUNEAU Job No. E181300

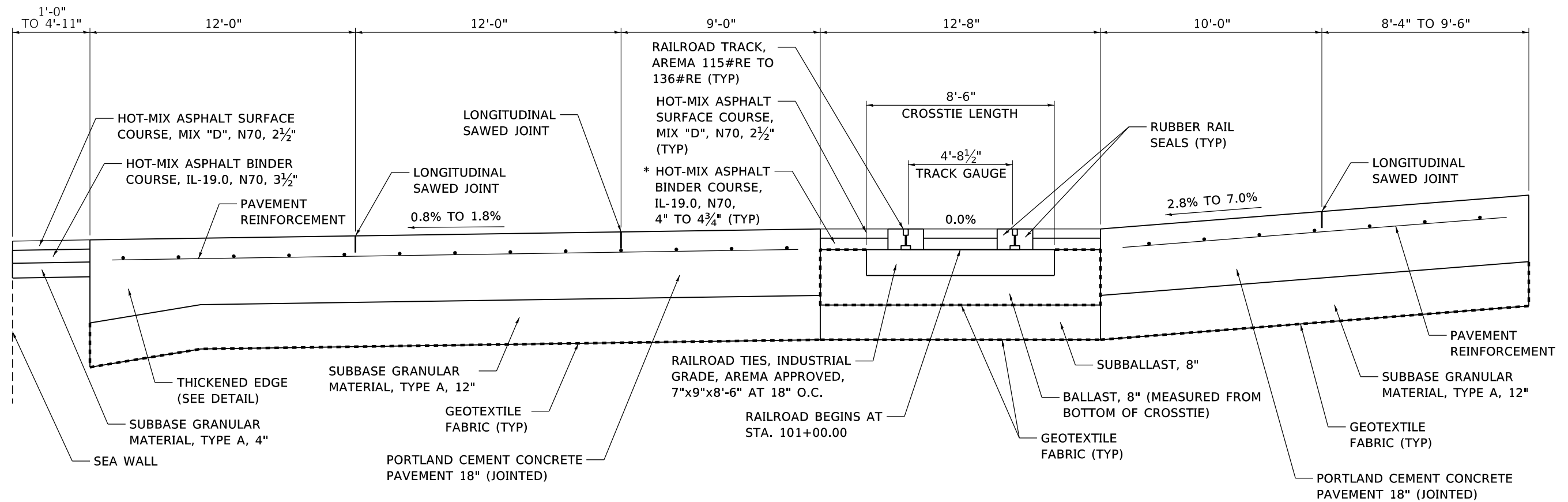
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PLOT DATE = 3/29/2019	DATE - 2/8/19	REVISED -

**GRANITE CITY HARBOR DOCK IMPROVEMENTS
AMERICA'S CENTRAL PORT**

EXISTING TYPICAL SECTIONS

SCALE: NTS SHEET 1 OF 1 SHEETS STA. 100+86.60 TO STA. 105+54.42

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00004-00-PV	MADISON	19	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97703	



PROPOSED TYPICAL SECTION

STA. 100+86.60 TO STA. 105+54.42

* HOT-MIX ASPHALT BINDER COURSE THICKNESS VARIES BASED ON THE HEIGHT OF THE RAIL SECTION. FOR AREMA 136#RE RAIL, BINDER THICKNESS SHALL BE 4 3/4". FOR AREMA 115#RE RAIL, BINDER THICKNESS SHALL BE 4".

STRUCTURAL PCC PAVEMENT DESIGN

DESIGN UNIFORM LOADING:	2925.5 PSF	REQUIRED PCC THICKNESS:	22.5 IN
SUBGRADE MODULUS:	250 PCI (ASSUMED)	REDUCTION FOR REINFORCEMENT:	5 IN
BENDING STRESS F.S.:	2.0	REINFORCED PCC THICKNESS:	18 IN
CONCRETE STRENGTH :	5000 PSI MIN.	STEEL PERCENTAGE REQUIRED:	0.26%
MODULUS OF RUPTURE:	636.4 PSI	REINFORCEMENT YIELD STRENGTH:	60,000 PSI
ALLOWABLE BENDING STRESS:	318.2 PSI	AREA OF STEEL REQUIRED:	0.57 SQ IN/FT
MODULUS OF ELASTICITY:	4,030,509 PSI	DESIGN AREA OF STEEL:	0.60 SQ IN/FT
POISSON'S RATIO:	0.15	TWO-WAY REINFORCEMENT:	#7 BARS @ 12" O.C.
ALLOWABLE LIVE LOADING:	2935.4 PSF	DOWEL BARS REQUIRED:	1 1/4" BARS @ 18" O.C.

HMA MIXTURE REQUIREMENTS

SURFACE COURSE:		BINDER COURSE:	
ASPHALT BINDER:	PG64-22	ASPHALT BINDER:	PG64-22
DESIGN AIR VOIDS:	4.0% @ N _{res} =70	DESIGN AIR VOIDS:	4.0% @ N _{res} =70
MIXTURE COMPOSITION:	IL-9.5	MIXTURE COMPOSITION:	IL-19.0
FRICTION AGGREGATE:	MIX D	FRICTION AGGREGATE:	N/A
MIXTURE WEIGHT:	112 LB/S.Y./IN.	MIXTURE WEIGHT:	112 LB/S.Y./IN.
QUALITY MANAGEMENT:	QC/QA	QUALITY MANAGEMENT:	QC/QA

GRANITE CITY HARBOR DOCK IMPROVEMENTS
AMERICA'S CENTRAL PORT

PROPOSED TYPICAL SECTIONS

USER NAME = tkruop	DESIGNED - TAK	REVISED -	SCALE: NTS	SHEET 1 OF 1 SHEETS	STA. 100+86.60 TO STA. 105+54.42	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN - TAK	REVISED -	18-00004-00-PV				MADISON	19	5		
PLOT SCALE = 30.0000' / in.	CHECKED - BFK	REVISED -				CONTRACT NO. 97703				
PLOT DATE = 4/2/2019	DATE - 2/8/19	REVISED -				ILLINOIS FED. AID PROJECT				

JUNEAU Job No. E181300

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION (CU YD)	EARTH * EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
GRANITE CITY HARBOR DOCK				
STA. 100+86.60 TO STA. 105+54.42	2013	1510	0	1510
TOTAL	2015	1510	0	(+) 1510

NOTES:

1. * BASED ON 25% SHRINKAGE
2. THE TOP 8" OF ALL ROCK AREAS ARE INCLUDED IN PAVEMENT REMOVAL

GUARDRAIL SCHEDULE

LOCATION	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL TYPE D (FOOT)
GRANITE CITY HARBOR DOCK	
STA. 102+52.15 - 22.05' RT TO STA. 103+06.88 - 41.21' RT	73.8
TOTAL	74

PAVEMENT REMOVAL SCHEDULE

LOCATION	PAVEMENT REMOVAL (SQ YD)
GRANITE CITY HARBOR DOCK	
STA. 100+86.60 TO STA. 105+54.42	3522.5
TOTAL	3523

RAILROAD TRACK REMOVAL SCHEDULE

LOCATION	RAILROAD TRACK REMOVAL (FOOT)
GRANITE CITY HARBOR DOCK	
STA. 100+99.79 - 2.52' LT TO STA. 103+38.86 - 2.34' LT	239.1
STA. 103+78.85 - 2.36' LT TO STA. 105+54.42 - 2.77' LT	175.6
STA. 101+00.21 - 2.52' RT TO STA. 103+46.87 - 2.54' RT	246.7
STA. 103+86.88 - 2.42' RT TO STA. 105+54.42 - 2.19' RT	167.6
STA. 101+98.05 - 29.65' LT TO STA. 103+39.58 - 29.42' LT	141.5
STA. 101+98.68 - 24.75' LT TO STA. 103+40.18 - 25.46' LT	141.5
STA. 102+00.00 - 34.03' LT TO STA. 103+39.07 - 34.50' LT	139.1
STA. 102+00.09 - 38.38' LT TO STA. 103+40.63 - 38.47' LT	140.6
STA. 105+16.66 - 40.94' LT TO STA. 105+54.22 - 40.88' LT	37.6
STA. 105+17.16 - 40.38' LT TO STA. 105+54.23 - 40.29' LT	37.1
STA. 105+24.08 - 9.12' LT TO STA. 105+45.68 - 6.25' LT	21.8
STA. 105+31.10 - 36.59' LT TO STA. 105+54.25 - 36.55' LT	23.1
STA. 105+31.63 - 27.42' LT TO STA. 105+54.30 - 27.36' LT	22.7
STA. 105+31.88 - 13.09' LT TO STA. 105+45.81 - 11.41' LT	14.0
STA. 105+32.22 - 31.69' LT TO STA. 105+54.27 - 31.66' LT	22.1
STA. 105+33.43 - 18.42' LT TO STA. 105+54.35 - 18.08' LT	20.9
STA. 105+33.71 - 13.58' LT TO STA. 105+54.38 - 13.19' LT	20.7
TOTAL	1612

SETTLEMENT PLATFORMS SCHEDULE

LOCATION	SETTLEMENT PLATFORMS (EACH)
GRANITE CITY HARBOR DOCK	
STA. 101+18.00 - 10.85' LT	1
STA. 102+50.00 - 10.86' LT	1
STA. 104+04.39 - 10.91' LT	1
STA. 105+24.39 - 11.03' LT	1
TOTAL	4

RAILROAD SCHEDULE

LOCATION	RAILROAD TRACK		RAILROAD TIES (EACH)	BALLAST (TON)	SUB-BALLAST (TON)	RUBBER RAIL SEALS (TRK FT)
	136#RE (TRK FT)	115#RE (TRK FT)				
GRANITE CITY HARBOR DOCK						
STA. 101+00.00 - 0.00' RT TO STA. 105+54.42 - 0.20' LT	397.4	17.0	297	302.8	194.2	436.2
TOTAL	397	17	297	303	194	436

PAVING SCHEDULE

LOCATION	SUB-BASE GRANULAR TYPE A, 12" (SQ YD)	PCC PAVEMENT 18" (JOINTED) (SQ YD)	PAVEMENT REINFORCEMENT (SQ YD)	SUB-BASE GRANULAR TYPE A, 4" (SQ YD)	BITUMINOUS MATERIALS (PRIME COAT) (POUND)	BITUMINOUS MATERIALS (TACK COAT) (POUND)	HOT-MIX ASPHALT SURFACE COURSE MIX "D", N70 (TON)	HOT-MIX ASPHALT BINDER COURSE IL-19.0, N70 (TON)
GRANITE CITY HARBOR DOCK								
STA. 100+86.60 TO STA. 105+54.42	2684.2	2684.2	2684.2	196.6	1492.2	149.2	92.8	161.9
TOTAL	2684	2684	2684	197	1492	149	93	162

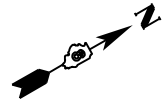
GEOTEXTILE FABRIC SCHEDULE

LOCATION	AREA	GEOTEXTILE FABRIC (SQ YD)
GRANITE CITY HARBOR DOCK		
STA. 100+86.60 TO STA. 105+54.42	PAVEMENT RAILROAD	2936.9 1685.8
TOTAL		4623

GRANITE CITY HARBOR DOCK IMPROVEMENTS AMERICA'S CENTRAL PORT

QUANTITY SCHEDULES

JUNEAU Job No. E181300	USER NAME = tkruup	DESIGNED - TAK	REVISED -		SCALE: NTS	SHEET 1 OF 1 SHEETS	STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - TAK	REVISED -						18-0004-00-PV	MADISON	19	6
	PLOT SCALE = 100.0000' / in.	CHECKED - BFK	REVISED -									
	PLOT DATE = 3/29/2019	DATE - 2/8/19	REVISED -									
												CONTRACT NO. 97703
										ILLINOIS	FED. AID PROJECT	

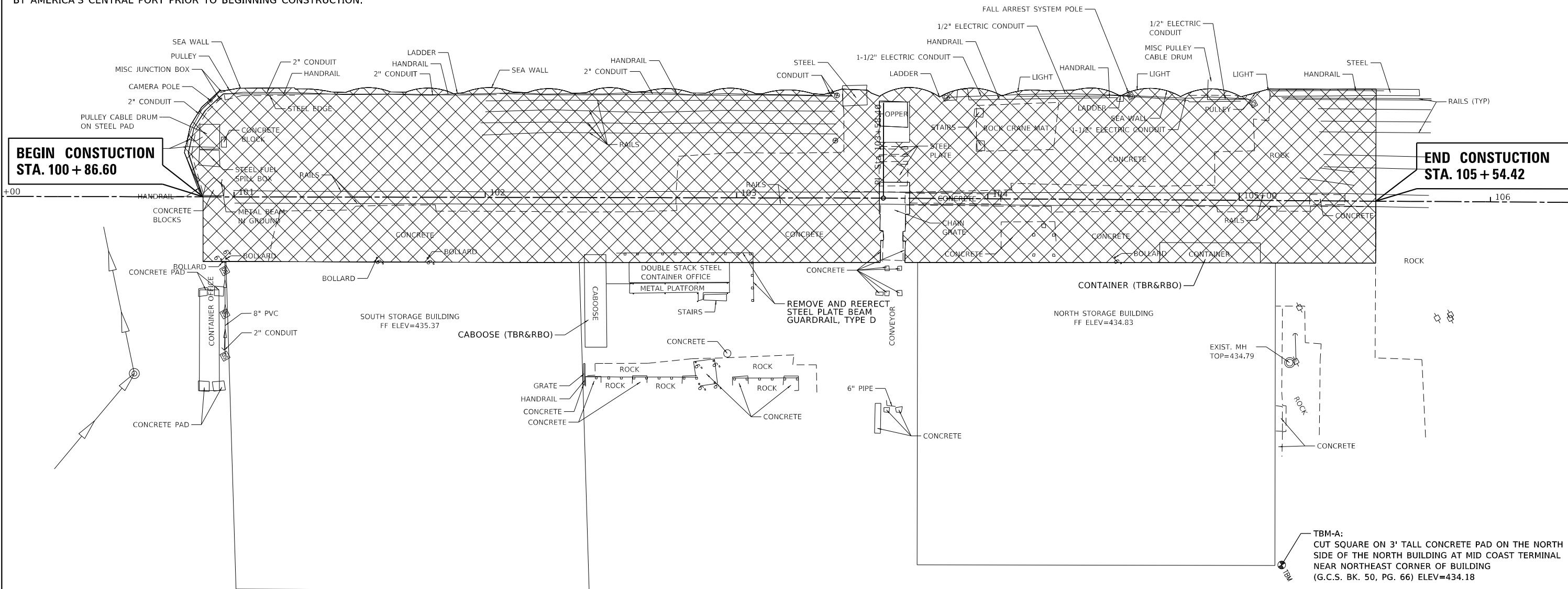


LEGEND

- REMOVAL
- TBR TO BE REMOVED
- TBA TO BE ADJUSTED
- TBR&R TO BE REMOVED & RELOCATED
- TBR&RBO TO BE REMOVED & RELOCATED BY OTHERS
- TBABO TO BE ADJUSTED BY OTHERS
- DND DO NOT DISTURB

NOTE: ALL MOVABLE ITEMS IN THE PROJECT AREA WILL BE RELOCATED BY AMERICA'S CENTRAL PORT PRIOR TO BEGINNING CONSTRUCTION.

MISSISSIPPI RIVER



TBM-A:
 CUT SQUARE ON 3' TALL CONCRETE PAD ON THE NORTH SIDE OF THE NORTH BUILDING AT MID COAST TERMINAL NEAR NORTHEAST CORNER OF BUILDING (G.C.S. BK. 50, PG. 66) ELEV=434.18



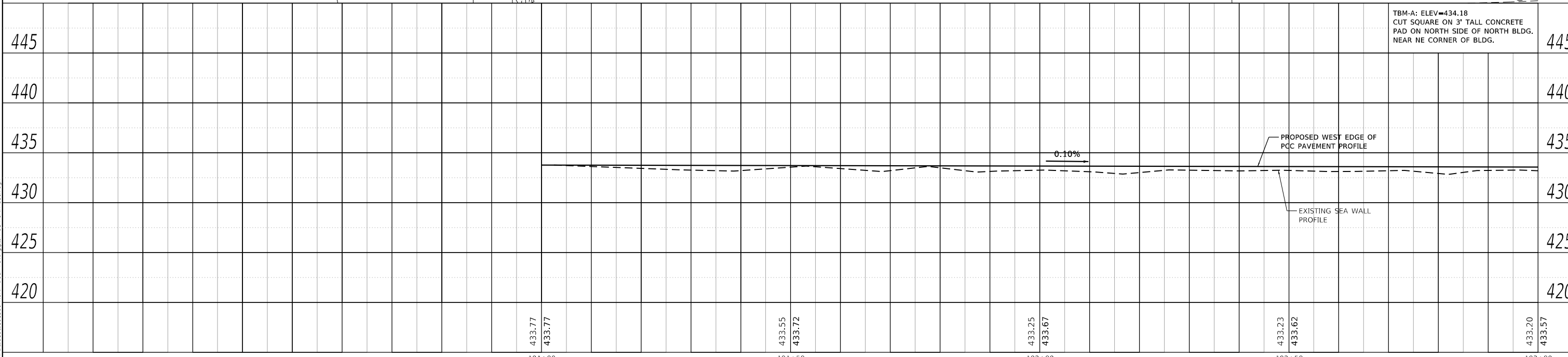
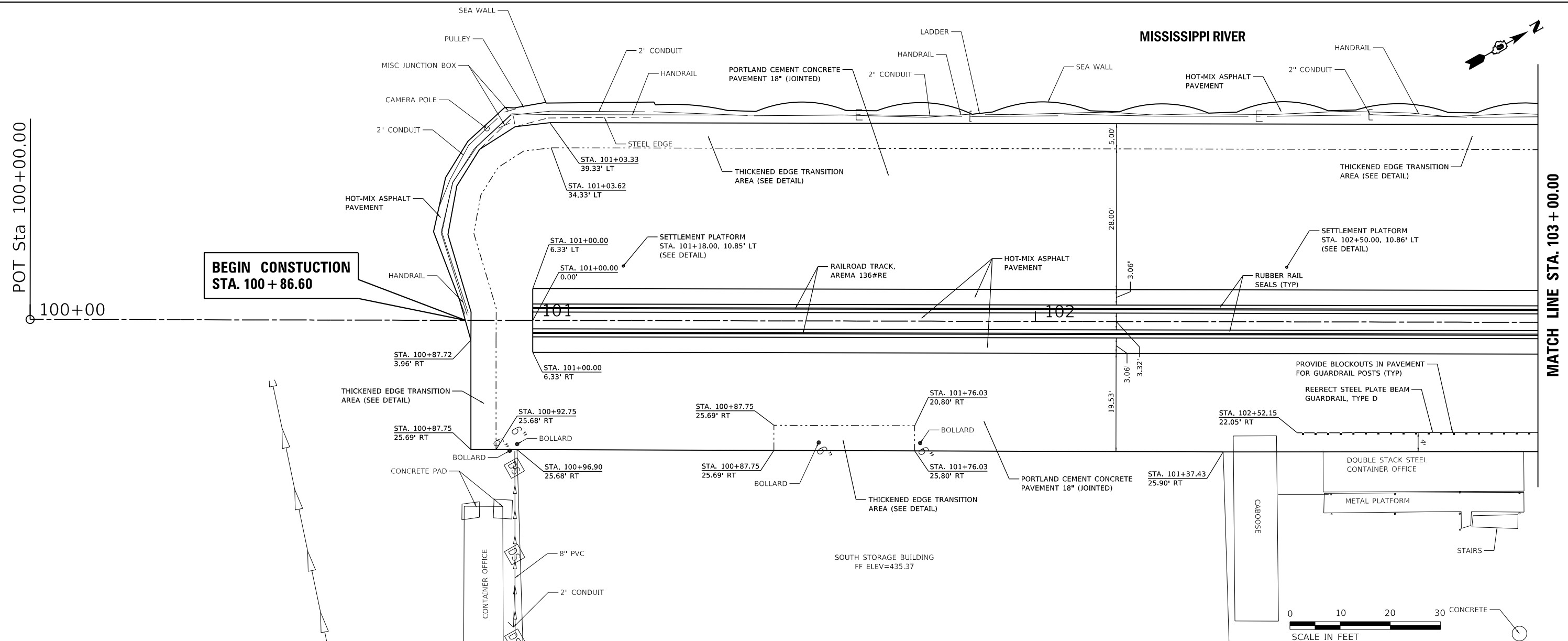
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JUNEAU Job No. E181300	USER NAME = tkruop	DESIGNED - TAK	REVISED -	GRANITE CITY HARBOR DOCK IMPROVEMENTS AMERICA'S CENTRAL PORT	REMOVAL PLAN			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 40.0000 ' / in.	DRAWN - TAK	REVISED -		SCALE: 1"=20'	SHEET 1 OF 1 SHEETS	STA. TO STA.		18-00004-00-PV	MADISON	19	7	
	PLOT DATE = 3/29/2019	CHECKED - BFK	REVISED -										CONTRACT NO. 97703
		DATE - 2/8/19	REVISED -										ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

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PLOT DATE = 3/29/2019	CHECKED - BFK	REVISED -
	DATE - 2/8/19	REVISED -

**GRANITE CITY HARBOR DOCK IMPROVEMENTS
AMERICA'S CENTRAL PORT**

PLAN AND PROFILE
SCALE: 1"=10' SHEET 1 OF 2 SHEETS STA. 100+86.60 TO STA. 103+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00004-00-PV	MADISON	19	8
CONTRACT NO. 97703			ILLINOIS FED. AID PROJECT	

MISSISSIPPI RIVER

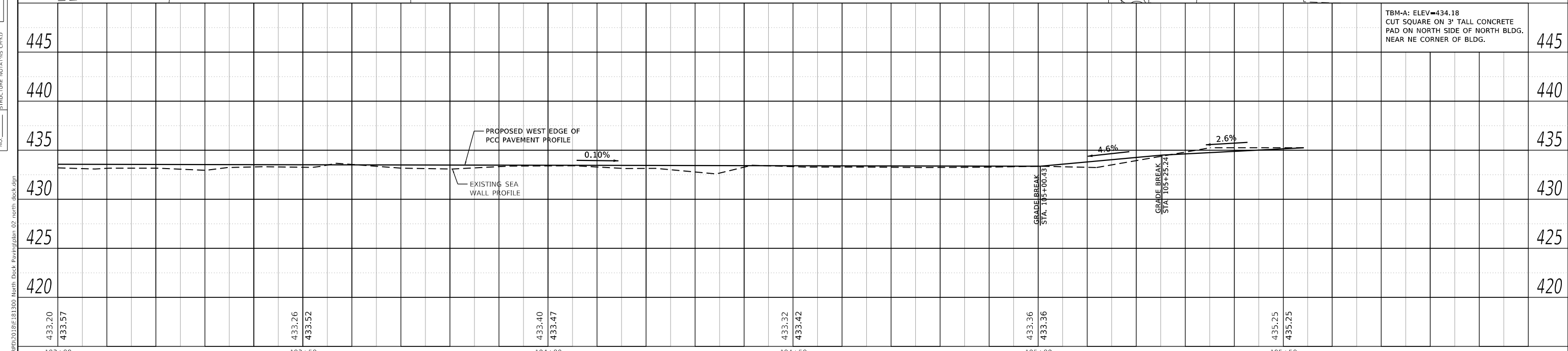


MATCH LINE STA. 103 + 00.00

END CONSTRUCTION STA. 105 + 54.42

DATE	
BY	
PLAN	
NO.	
DATE	
BY	
PROFILE	
NO.	

DATE	
BY	
PROFILE	
NO.	
DATE	
BY	
PLAN	
NO.	



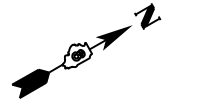
NOTES
 WORK TO BE COMPLETED BY OTHERS



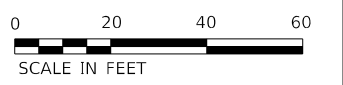
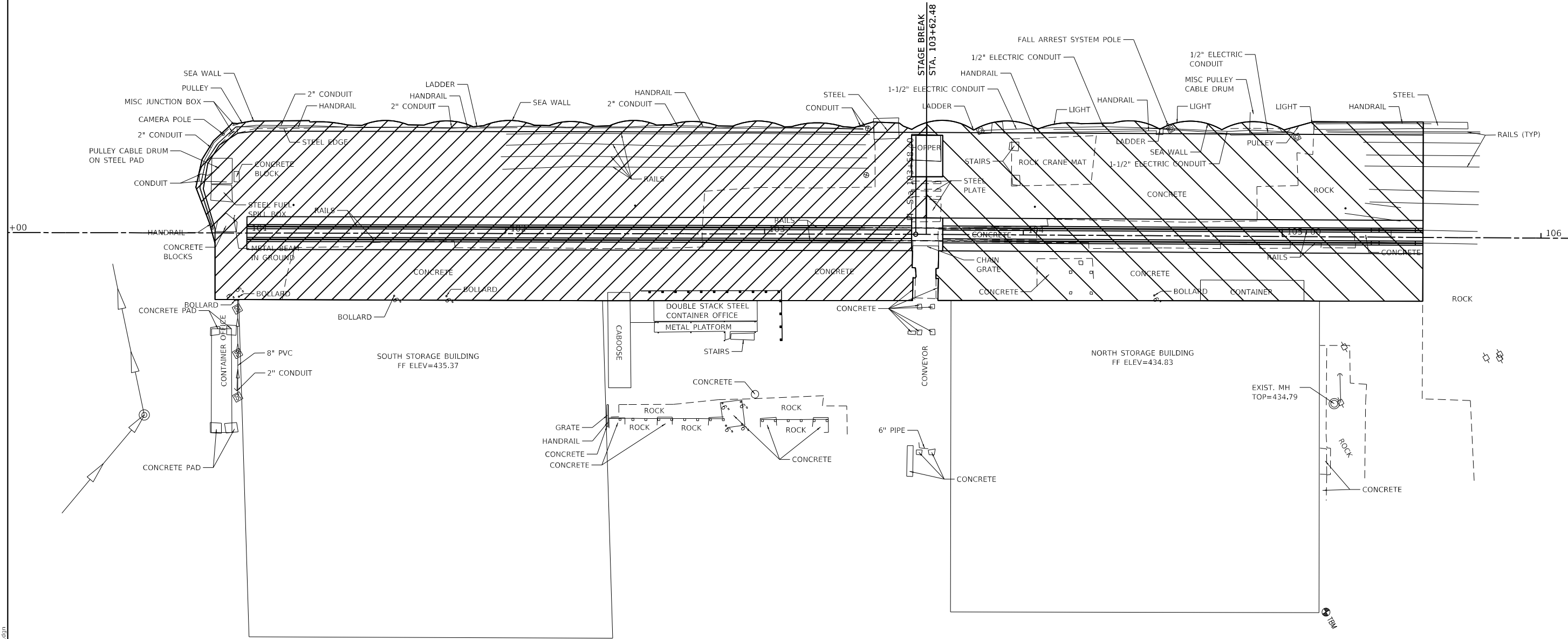
433.20	433.57	433.26	433.52	433.40	433.47	433.32	433.42	433.36	433.36	435.25	435.25
103+00		103+50		104+00		104+50		105+00		105+50	

 **STAGE 1 CONSTRUCTION**

 **STAGE 2 CONSTRUCTION**



MISSISSIPPI RIVER



MODEL: Default
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 JUNEAU Job No. E181300

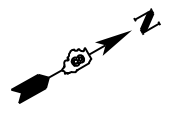
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PLOT DATE = 3/29/2019	DATE - 2/8/19	REVISED -

**GRANITE CITY HARBOR DOCK IMPROVEMENTS
AMERICA'S CENTRAL PORT**

STAGE CONSTRUCTION PLAN

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

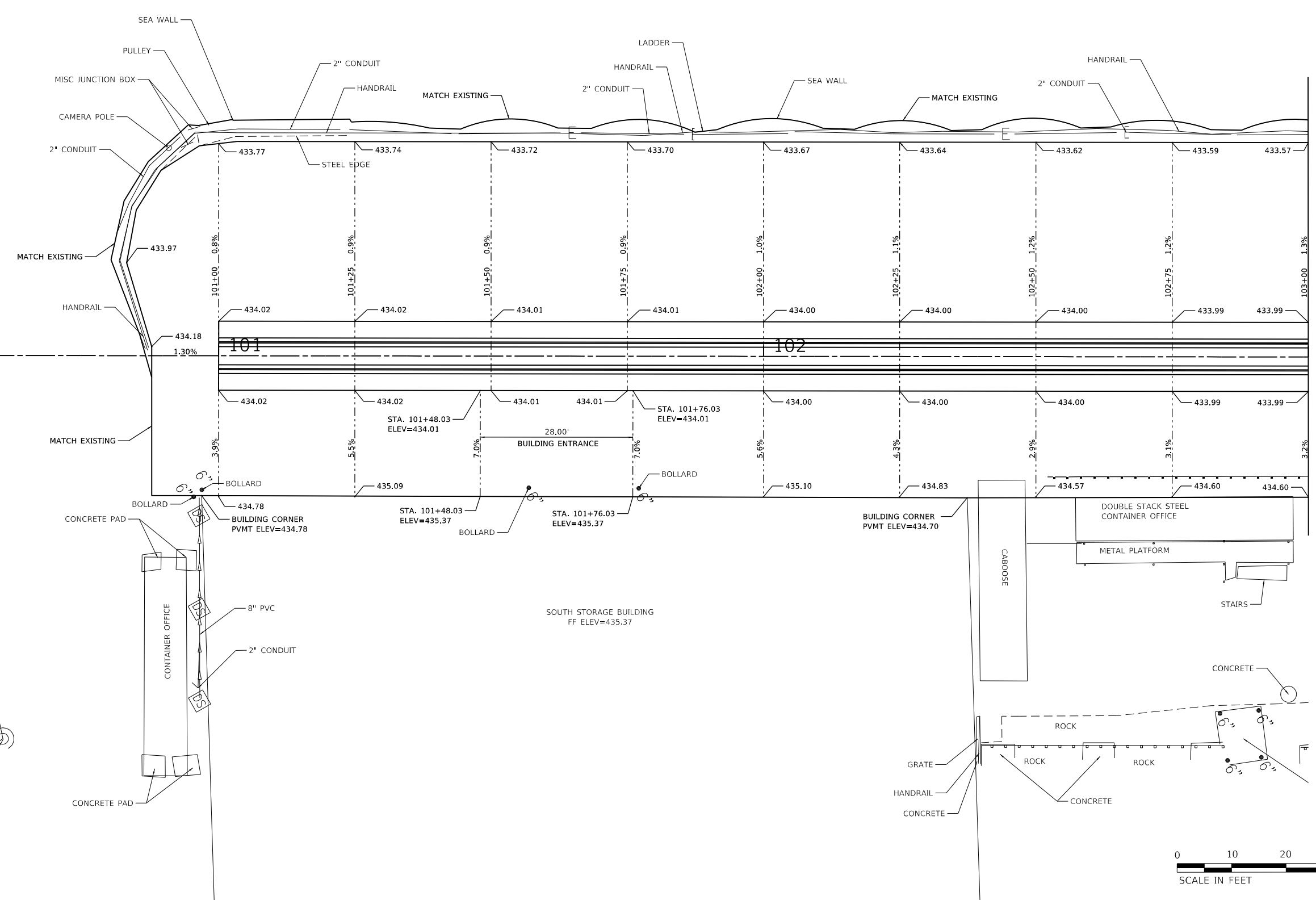
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00004-00-PV	MADISON	19	10
CONTRACT NO. 97703				
ILLINOIS FED. AID PROJECT				



POT Sta 100+00.00

100+00

MATCH LINE STA. 103 + 00.00



MODEL: Default
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 JUNEAU Job No. E181300

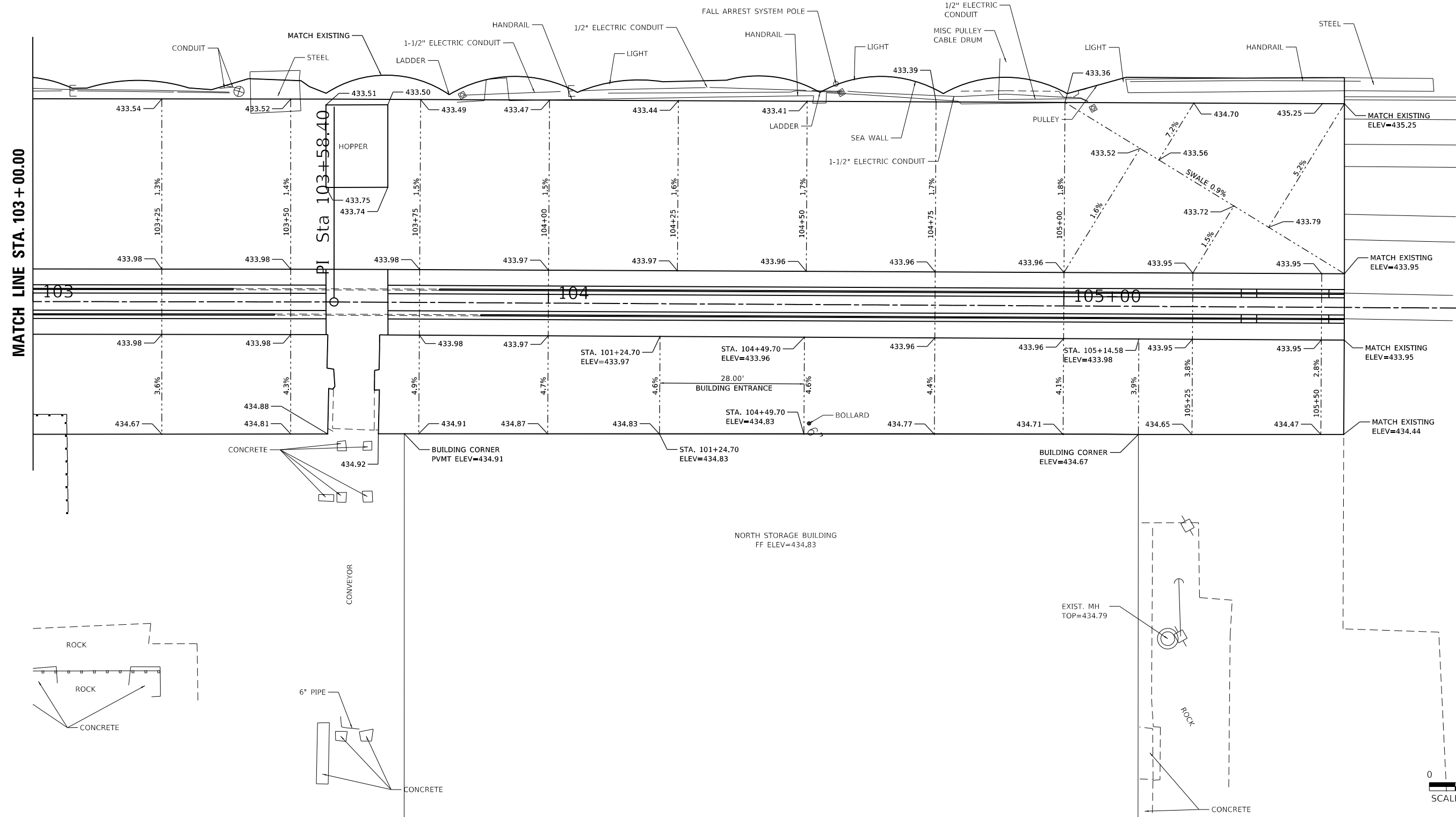
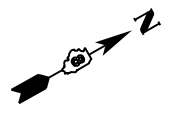
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PLOT SCALE = 20.0000' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 3/29/2019	DATE - 2/8/19	REVISED -

**GRANITE CITY HARBOR DOCK IMPROVEMENTS
AMERICA'S CENTRAL PORT**

PAVEMENT GRADING PLAN

SCALE: 1"=10' SHEET 1 OF 2 SHEETS STA. 100+86.60 TO STA. 103+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00004-00-PV	MADISON	19	11
CONTRACT NO. 97703				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 103 + 00.00

10



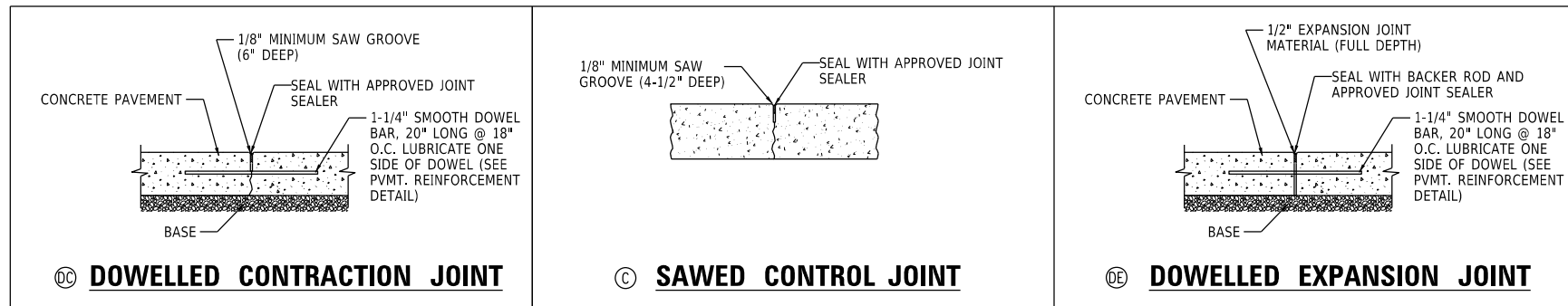
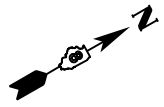
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 JUNEAU Job No. E181300

USER NAME = tkruop	DESIGNED - TAK	REVISED -
DRAWN - TAK	REVISIONS -	
PLOT SCALE = 20.0000' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 3/29/2019	DATE - 2/8/19	REVISED -

**GRANITE CITY HARBOR DOCK IMPROVEMENTS
AMERICA'S CENTRAL PORT**

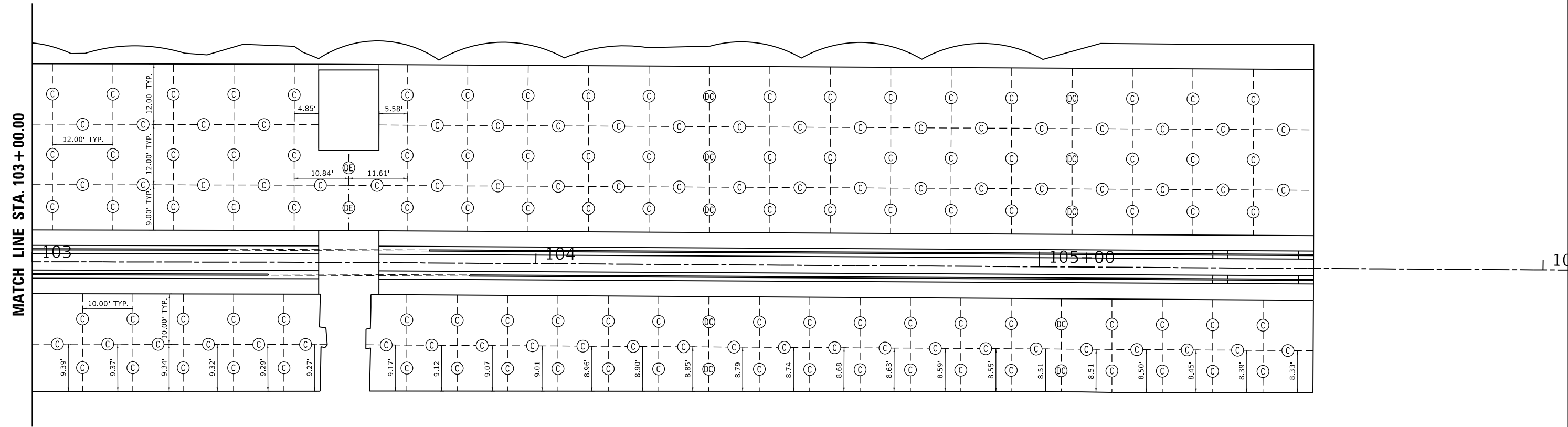
PAVEMENT GRADING PLAN	
SCALE: 1"=10'	SHEET 2 OF 2 SHEETS
STA. 103+00.00	TO STA. 105+54.42

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00004-00-PV	MADISON	19	12
CONTRACT NO. 97703				
ILLINOIS FED. AID PROJECT				



PAVEMENT JOINTING LEGEND

--- DC ---	DOWELLED CONTRACTION JOINT
--- C ---	SAWED CONTROL JOINT
--- DE ---	DOWELLED EXPANSION JOINT



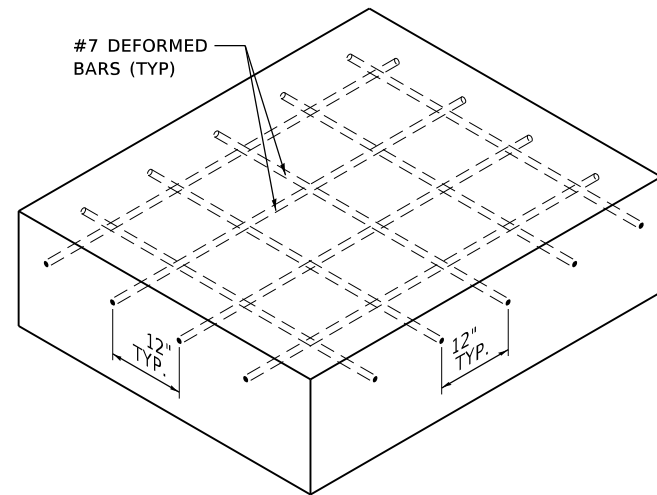
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 JUNEAU Job No. E181300

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PLOT SCALE = 20.0000' / in.	DRAWN - TAK	REVISED -
PLOT DATE = 3/29/2019	CHECKED - BFK	REVISED -
	DATE - 2/8/19	REVISED -

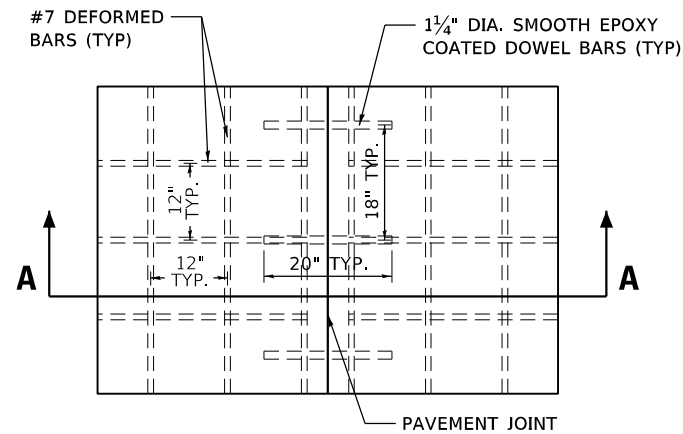
**GRANITE CITY HARBOR DOCK IMPROVEMENTS
 AMERICA'S CENTRAL PORT**

PAVEMENT JOINTING PLAN	
SCALE: 1"=10'	SHEET 2 OF 2 SHEETS
STA. 103+00.00	TO STA. 105+54.42

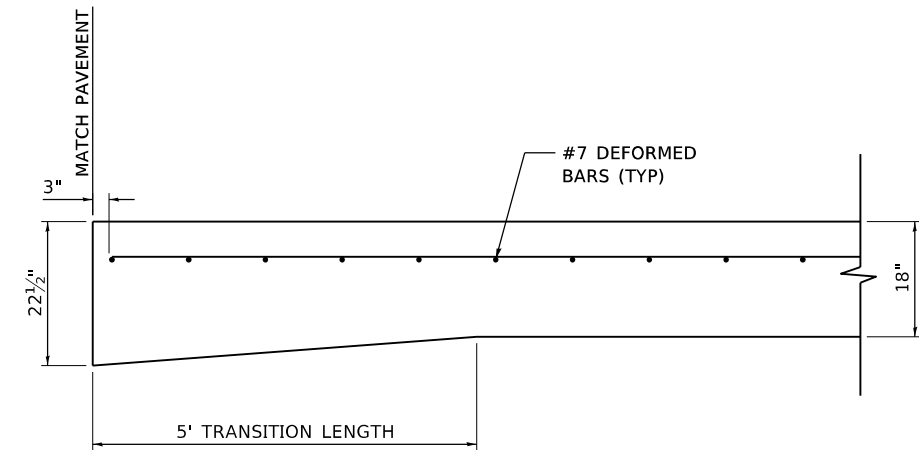
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-0004-00-PV	MADISON	19	14
CONTRACT NO. 97703				
ILLINOIS FED. AID PROJECT				



ISOMETRIC PAVEMENT SECTION

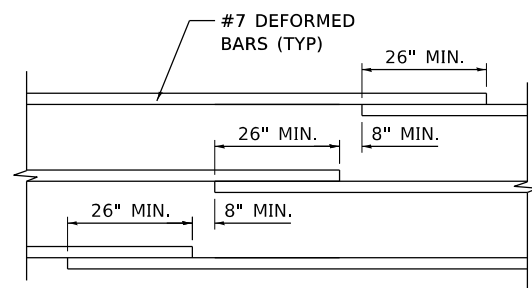


DOWELLED JOINT DETAIL

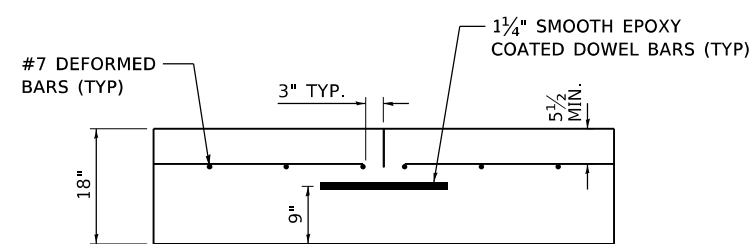


THICKENED PAVEMENT EDGE

NOT TO SCALE



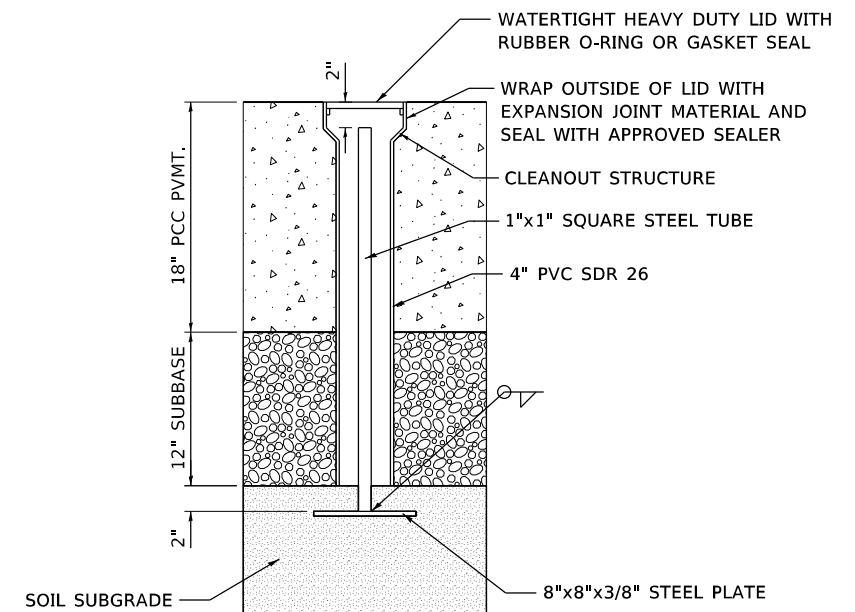
LAP SPLICE DETAIL



SECTION A-A

PAVEMENT REINFORCEMENT

NOT TO SCALE



SETTLEMENT PLATFORM

NOT TO SCALE

**GRANITE CITY HARBOR DOCK IMPROVEMENTS
AMERICA'S CENTRAL PORT**

MISCELLANEOUS DETAILS

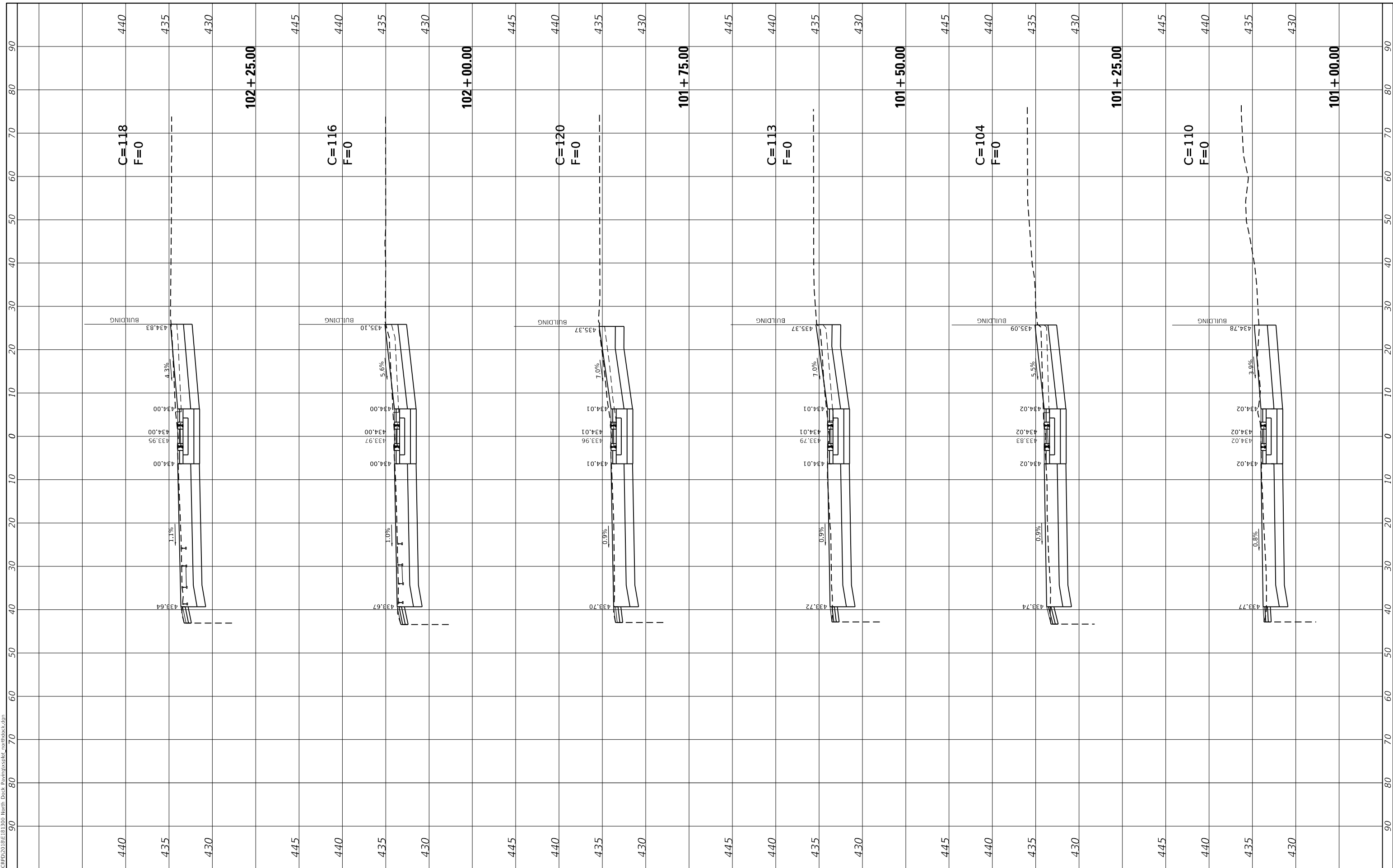
JUNEAU Job No. E181300	USER NAME = tkruop	DESIGNED - TAK	REVISED -	SCALE: NTS	SHEET 1 OF 1 SHEETS	STA. N/A	TO STA. N/A	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 30.0000 ' / in.	DRAWN - TAK	REVISED -					18-00004-00-PV	MADISON	19	15	
	PLOT DATE = 3/29/2019	CHECKED - BFK	REVISED -					CONTRACT NO. 97703		ILLINOIS FED. AID PROJECT		

MODEL: D:\a\j\p\181300 North Dock Pav\misc_details.north_dock.dgn
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FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Definit
 FILE NAME: P:\ERP\2018\E181300_Marsh Dock Pavim\ss\tbl_cmb\tblcck.dgn
 JUNEAU Job No. E181300



USER NAME = tkruop	DESIGNED - TAK	REVISED -
	DRAWN - TAK	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 3/29/2019	DATE - 2/8/19	REVISED -

**GRANITE CITY HARBOR DOCK IMPROVEMENTS
 AMERICA'S CENTRAL PORT**

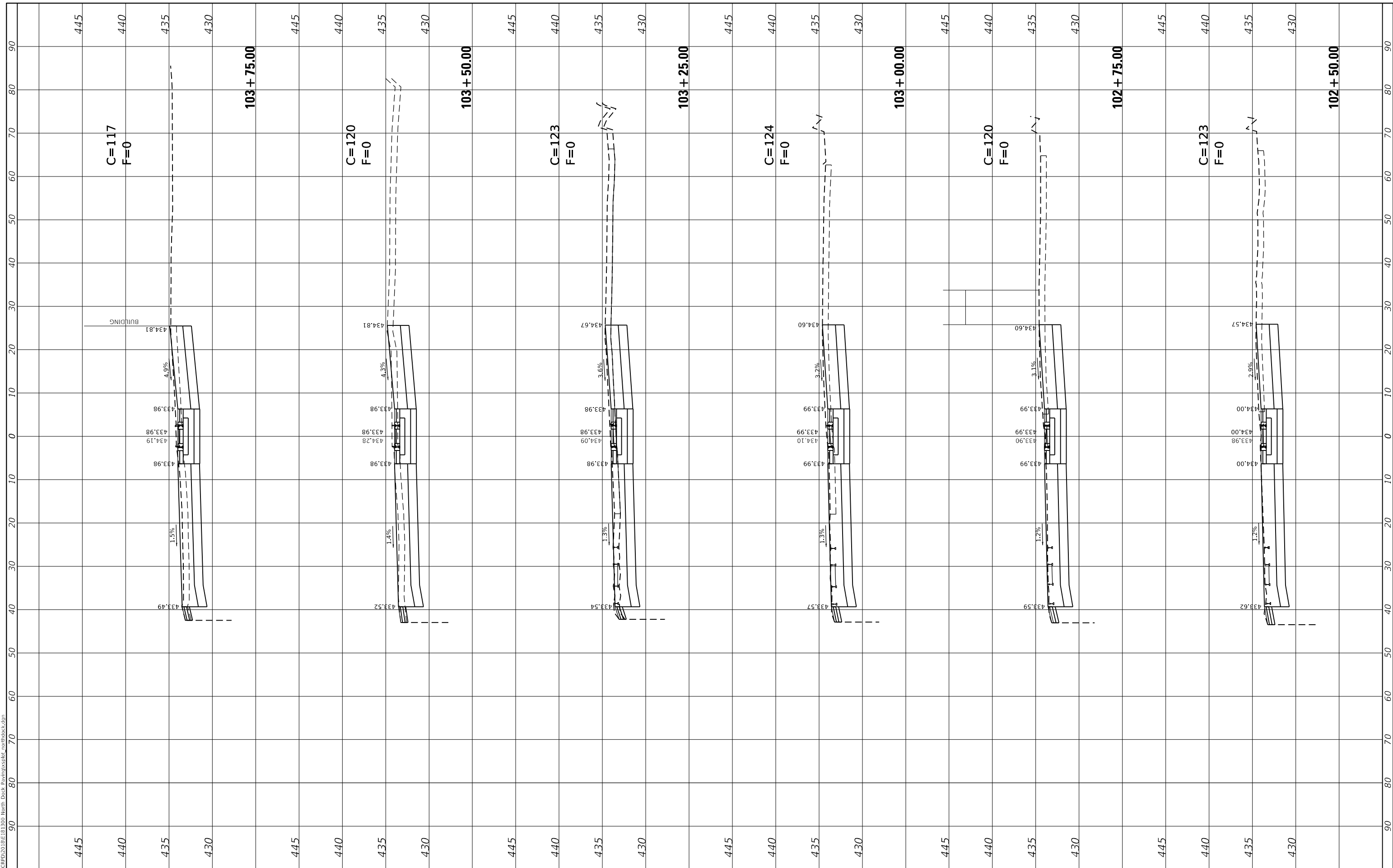
CROSS SECTIONS			
SCALE: 1"=5'H/10'V	SHEET 1 OF 4 SHEETS	STA. 100+75.00	TO STA. 102+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00004-00-PV	MADISON	19	16
			CONTRACT NO. 97703	
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

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445	445
440	440
435	435
430	430

USER NAME = tkruop	DESIGNED - TAK	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - TAK	REVISED -
PLOT DATE = 3/29/2019	CHECKED - BFK	REVISED -
	DATE - 2/8/19	REVISED -

445	445
440	440
435	435
430	430

445	445
440	440
435	435
430	430

445	445
440	440
435	435
430	430

445	445
440	440
435	435
430	430

**GRANITE CITY HARBOR DOCK IMPROVEMENTS
 AMERICA'S CENTRAL PORT**

CROSS SECTIONS

SCALE: 1"=5'H/10'V SHEET 2 OF 4 SHEETS STA. 102+50.00 TO STA. 103+75.00

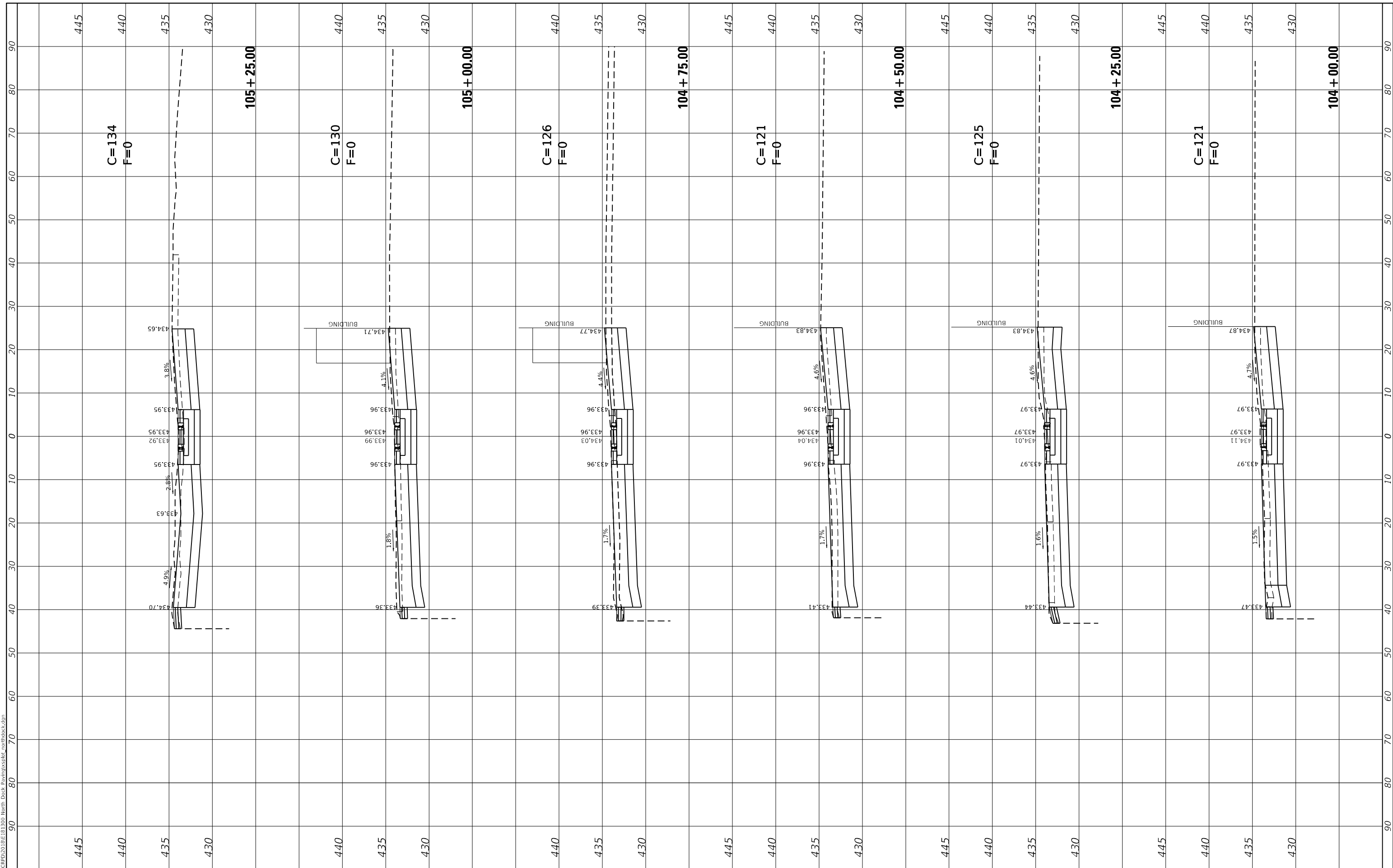
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00004-00-PV	MADISON	19	17
			CONTRACT NO. 97703	
			ILLINOIS FED. AID PROJECT	

JUNEAU Job No. E181300

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		

MODEL: Definit
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USER NAME = tkruop
DESIGNED - TAK
DRAWN - TAK
CHECKED - BFK
DATE - 2/8/19
PLOT SCALE = 20.0000' / in.
PLOT DATE = 3/29/2019

REVISD -
REVISD -
REVISD -
REVISD -

**GRANITE CITY HARBOR DOCK IMPROVEMENTS
 AMERICA'S CENTRAL PORT**

CROSS SECTIONS	
SCALE: 1"=5'H/10'V	SHEET 3 OF 4 SHEETS
STA. 104+00.00	TO STA. 105+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00004-00-PV	MADISON	19	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97703	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: Default
FILE NAME: P:\ERP\2018\E181300 North Dock Pavimg\ss\tbl_roaddock.dgn
JUNEAU Job No. E181300

USER NAME = tkruop	DESIGNED - TAK	REVISED -
PLOT SCALE = 20.0000 ' / in.	DRAWN - TAK	REVISED -
PLOT DATE = 3/29/2019	CHECKED - BFK	REVISED -
	DATE - 2/8/19	REVISED -

**GRANITE CITY HARBOR DOCK IMPROVEMENTS
AMERICA'S CENTRAL PORT**

CROSS SECTIONS

SCALE: 1"=5'H/10'V SHEET 4 OF 4 SHEETS STA. 105+50.00 TO STA. 105+75.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	18-00004-00-PV	MADISON	19	19
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97703	

