
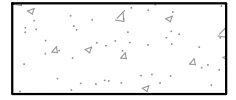
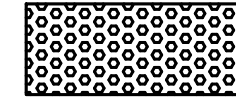
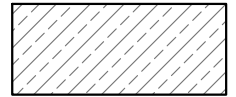
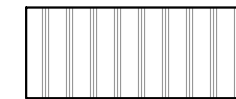
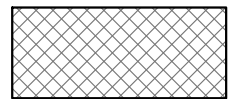
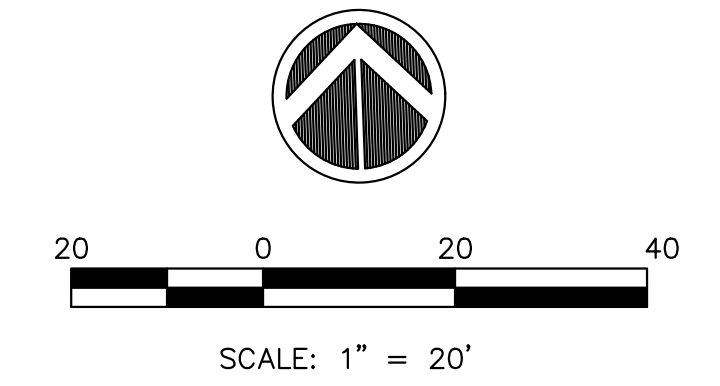


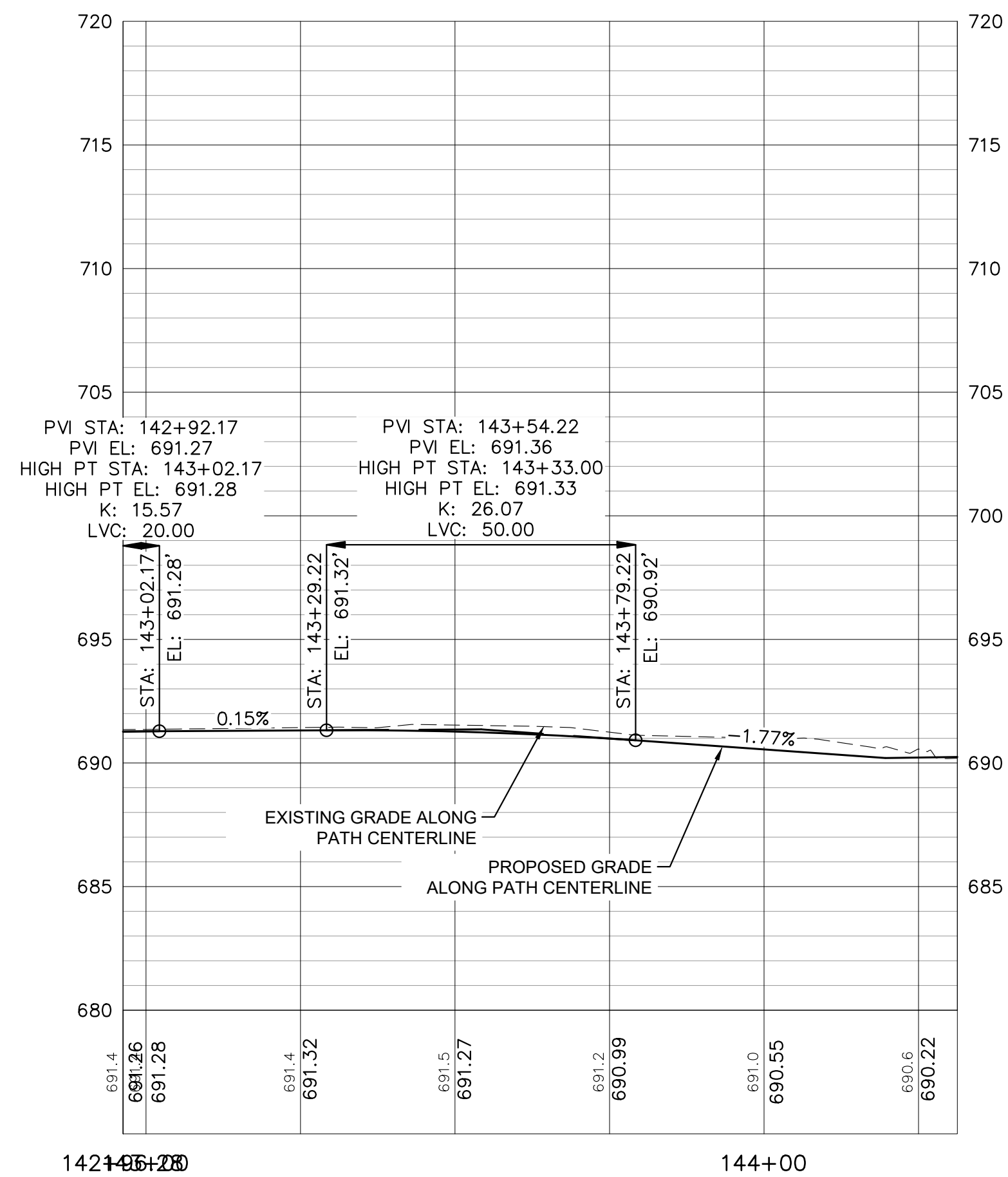
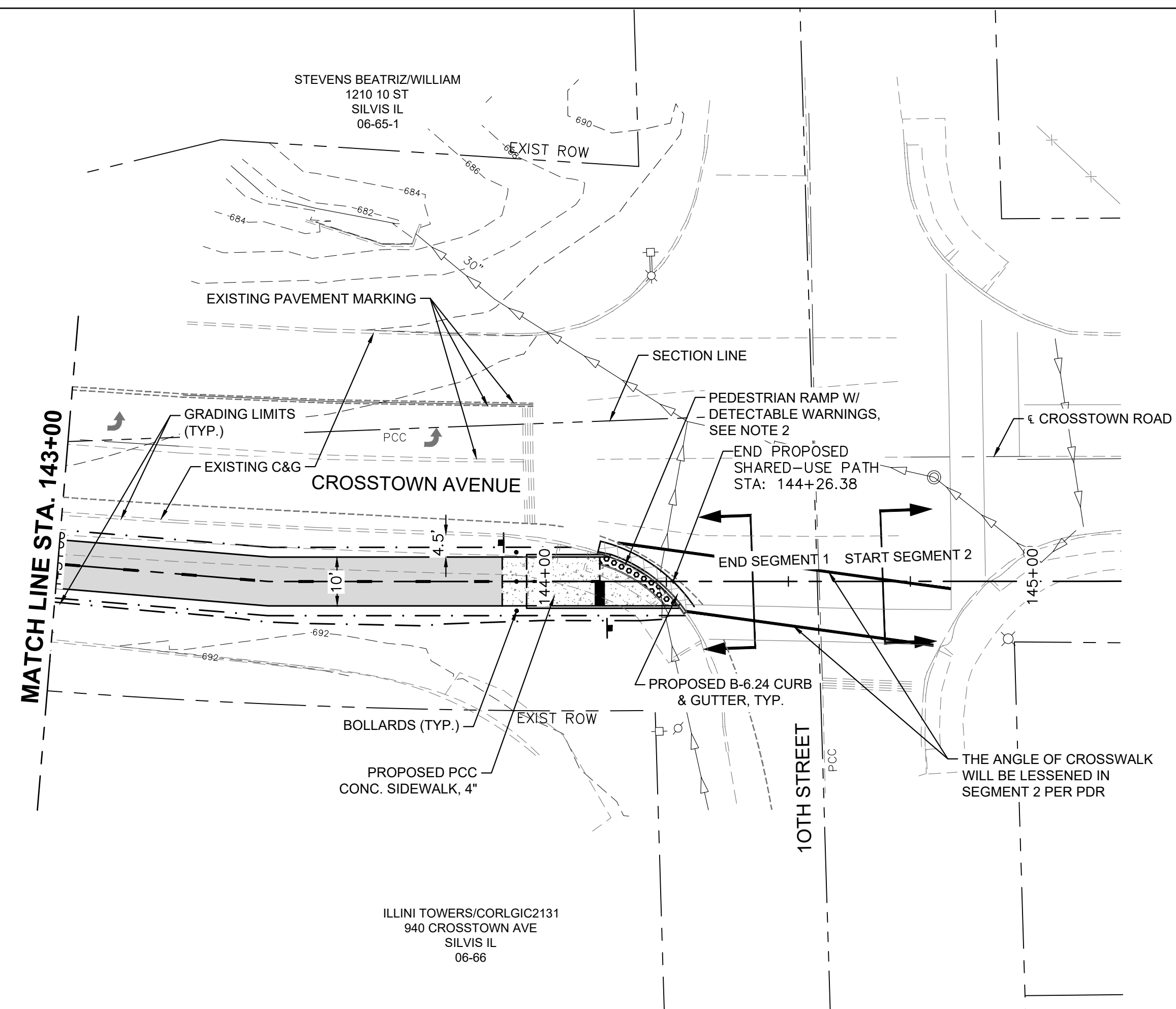
LEGEND:

-  PROPOSED HMA SHARED-USE PATH, 4" TYP., ITEMS 35501288 & 40603305
-  PROPOSED PCC PAVEMENT, ITEM 42400100
-  PROPOSED DETECTABLE WARNING, ITEM 42400800
-  PROPOSED HMA SHOULDER, 3", ITEM 44004250
-  PROPOSED PCC DRIVEWAY PAVEMENT, 7" TYP., TYPICAL 42300300
-  PROPOSED COMBINATION CURB & GUTTER, TYPE B-6.24, ITEM 60605000



NOTES:

1. SEE SHEETS R1 THRU R11 FOR PROPOSED REMOVALS.
2. SEE SHEETS EL1 THRU EL9 FOR SIDEWALK CURB RAMP DETAILS.
3. SEE SHEETS UT1 THRU UT21 FOR UTILITY IMPROVEMENTS AND ADJUSTMENTS.



FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR

DESIGNED — NWK

REVISED — .

PLOT SCALE =

DRAWN — NWK

REVISED — .

PLOT DATE = 10/30/2020

CHECKED — LRR

REVISED — .

DATE — 10/30/2020

REVISED — .



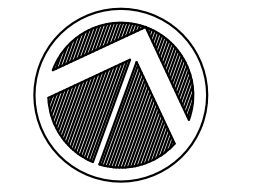
GRAND ILLINOIS TRAIL PLAN & PROFILE

SCALE: SHEET NO. 62 OF 178 SHEETS

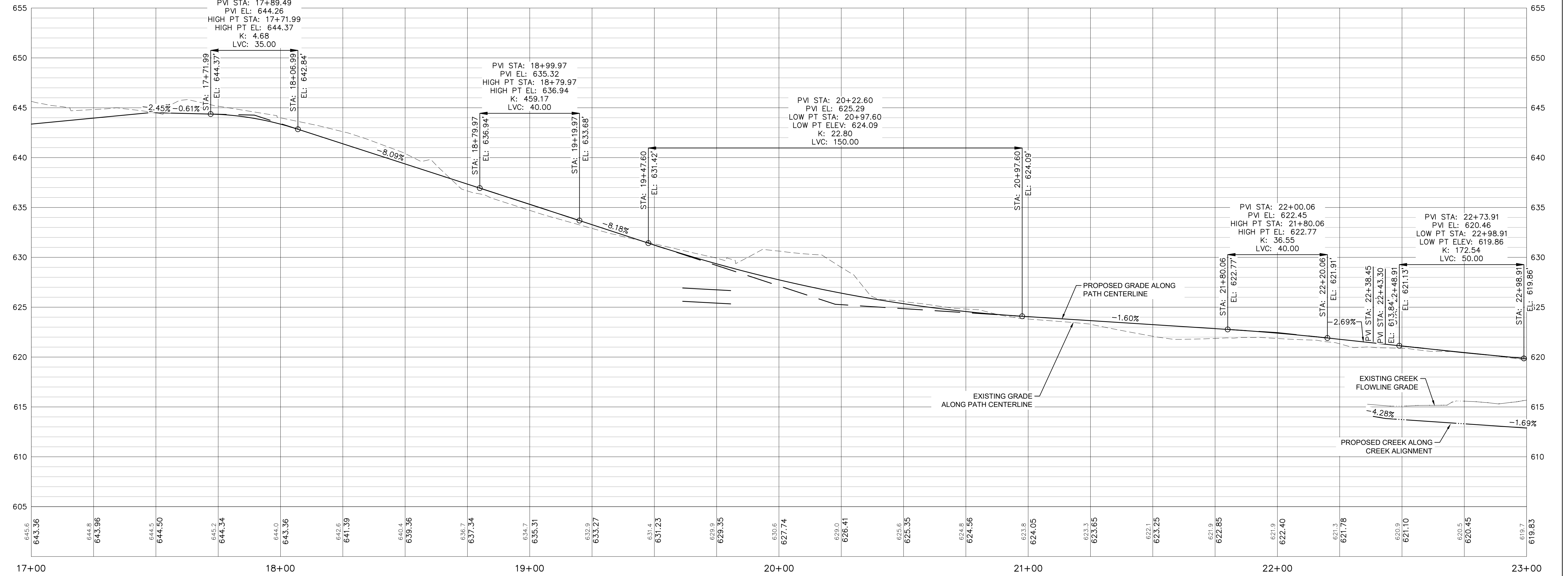
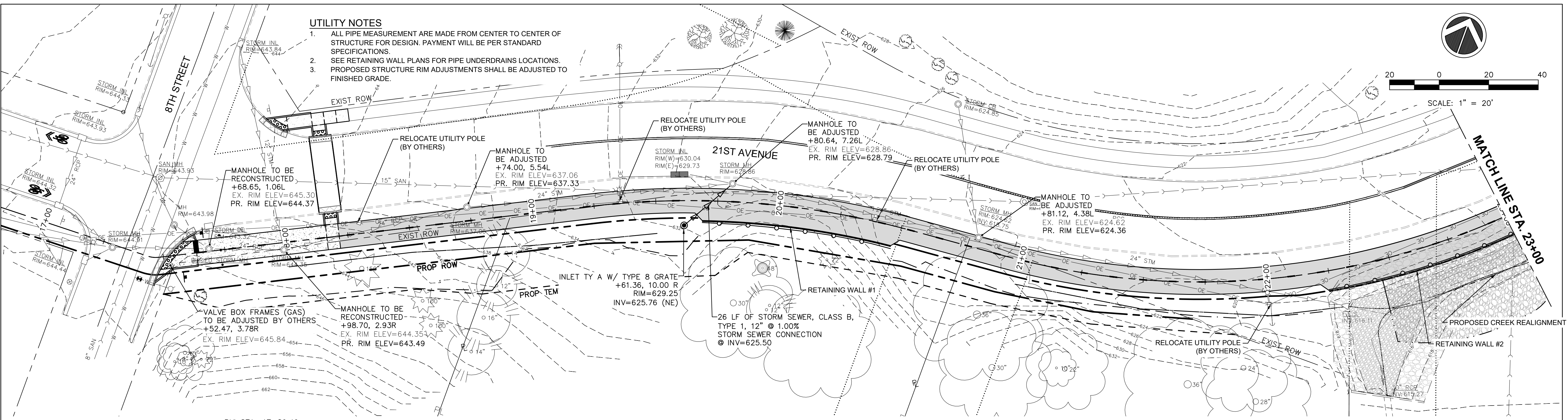
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	PP21

ILLINOIS FED. AID PROJECT

- UTILITY NOTES**
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 2. SEE RETAINING WALL PLANS FOR PIPE UNDERDRAINS LOCATIONS.
 3. PROPOSED STRUCTURE RIM ADJUSTMENTS SHALL BE ADJUSTED TO FINISHED GRADE.



SCALE: 1" = 20'

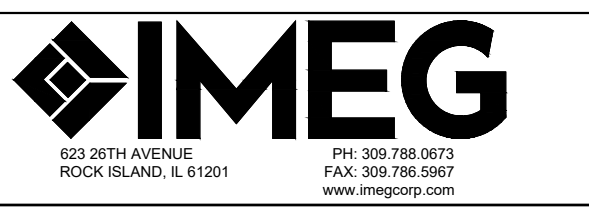


FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR

DESIGNED — NWK
DRAWN — NWK

REVISED — —
REVISED — —
CHECKED — LRR
REVISED — —

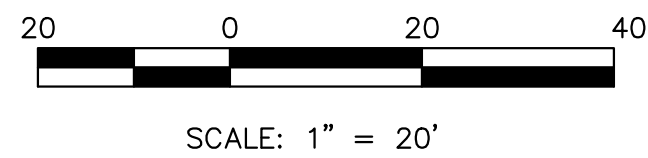
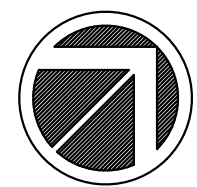


UTILITY PLAN & PROFILE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	UT1

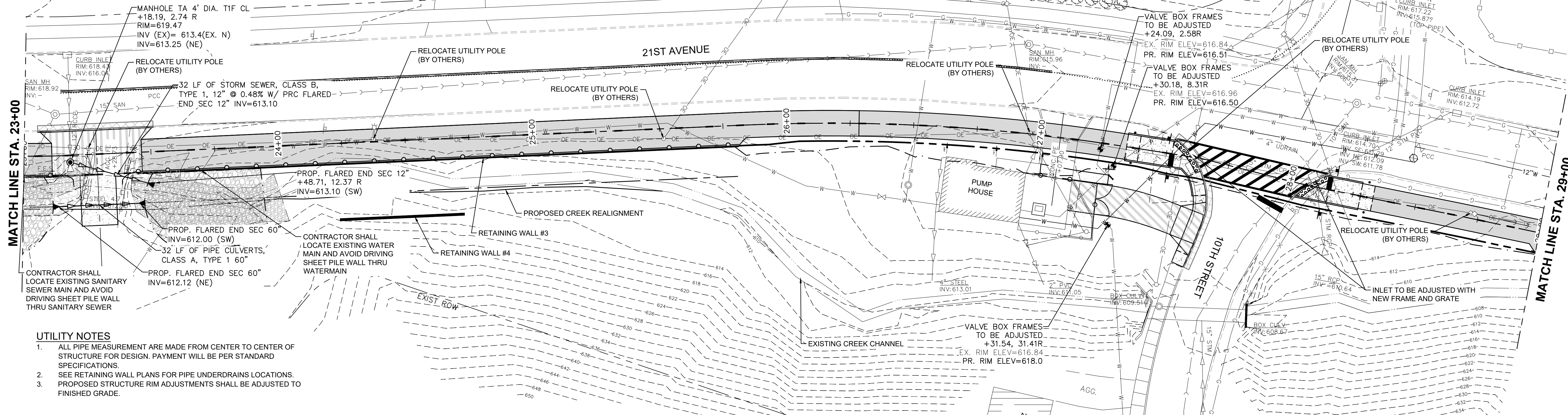
SCALE: SHEET NO. 63 OF 178 SHEETS

ILLINOIS FED. AID PROJECT



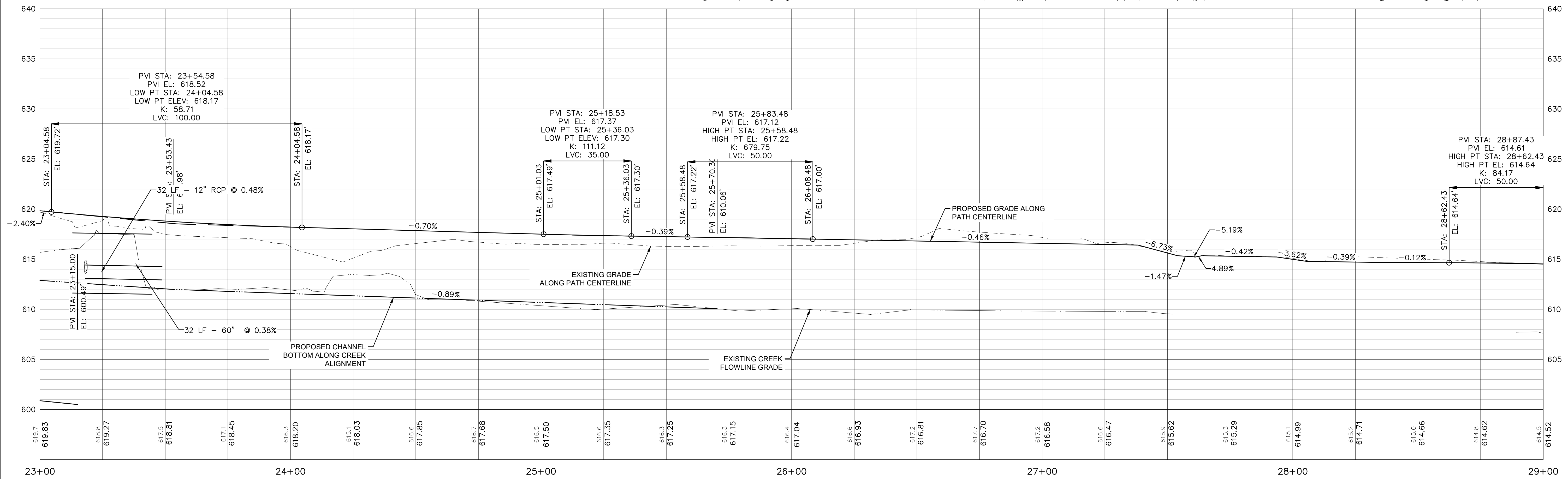
MATCH LINE STA. 23+00


MATCH LINE STA. 29+00

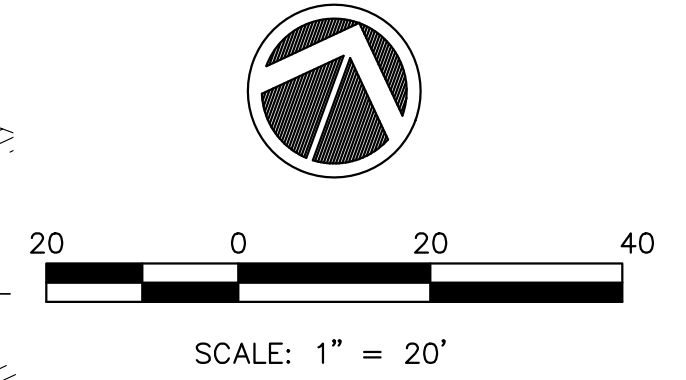
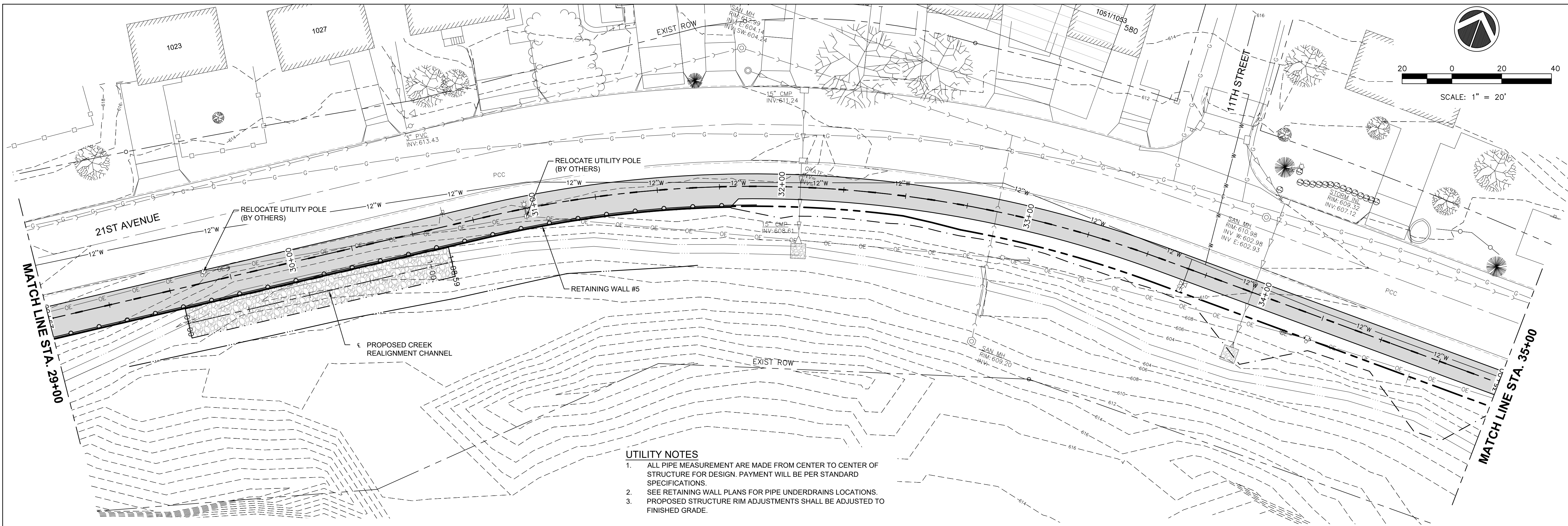


UTILITY NOTES

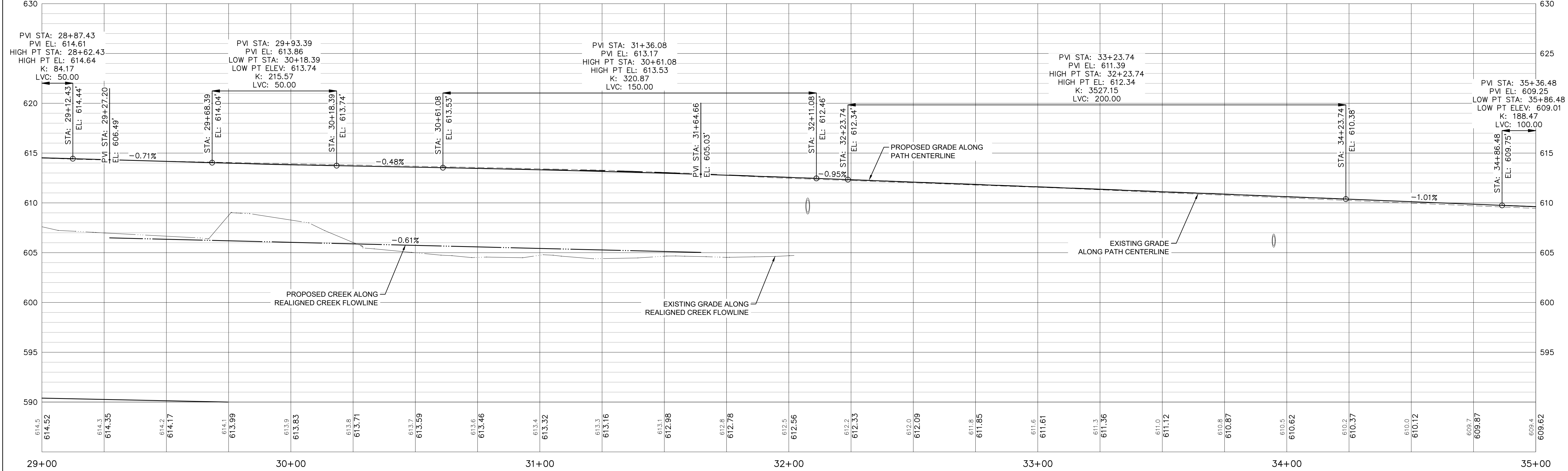
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2. SEE RETAINING WALL PLANS FOR PIPE UNDERDRAINS LOCATIONS.
3. PROPOSED STRUCTURE RIM ADJUSTMENTS SHALL BE ADJUSTED TO FINISHED GRADE.



FILE NAME = 18000211.00/ CEM #001-2018	USER NAME = PAR	DESIGNED - NWK	REVISED - -		UTILITY PLAN & PROFILE	F.A.U. RTE. 5851	SECTION 10-00145-00-BT	COUNTY ROCK ISLAND	TOTAL SHEETS 178	SHEET NO. UT2	
PLOT SCALE =	CHECKED - LRR	REVISED - -	REVISED - -		SCALE:	SHEET NO. 64 OF 178 SHEETS	ILLINOIS FED. AID PROJECT				
PLOT DATE = 10/30/2020	DATE - 10/30/2020	REVISED - -	REVISED - -								



- UTILITY NOTES**
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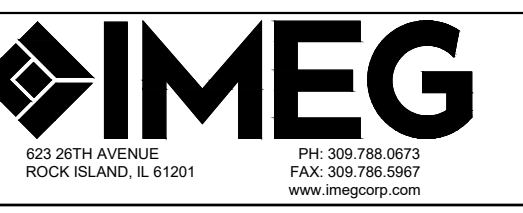


FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

DESIGNED — NWK
DRAWN — NWK
CHECKED — LRR
DATE — 10/30/2020

REVISED — —
REVISED — —
REVISED — —
REVISED — —

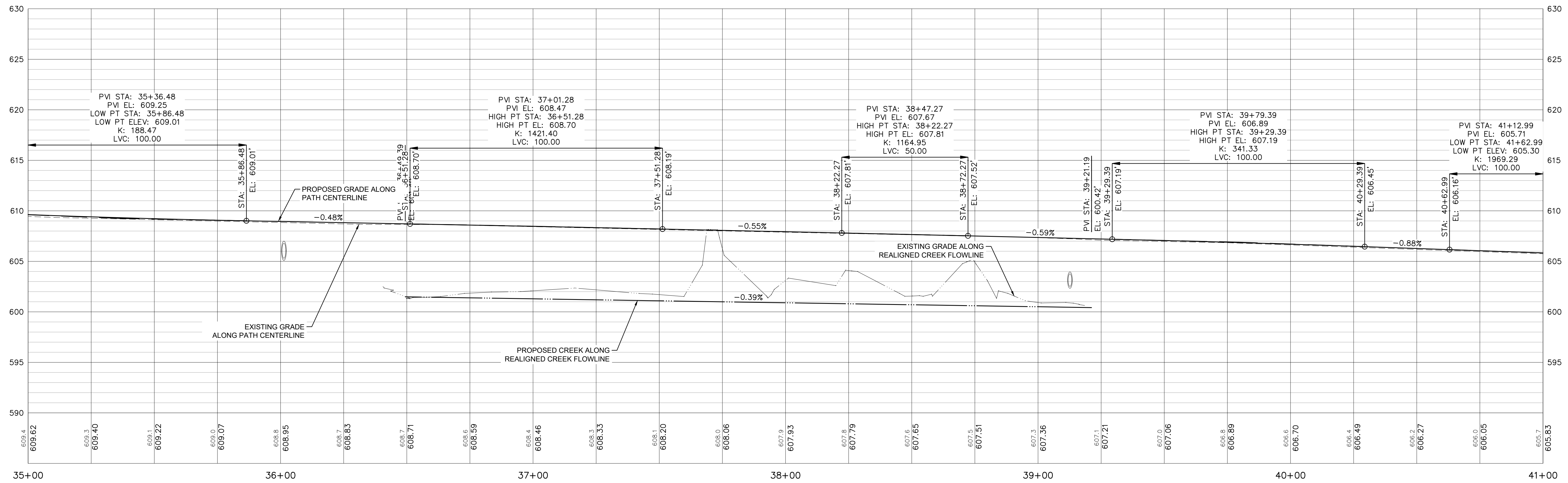
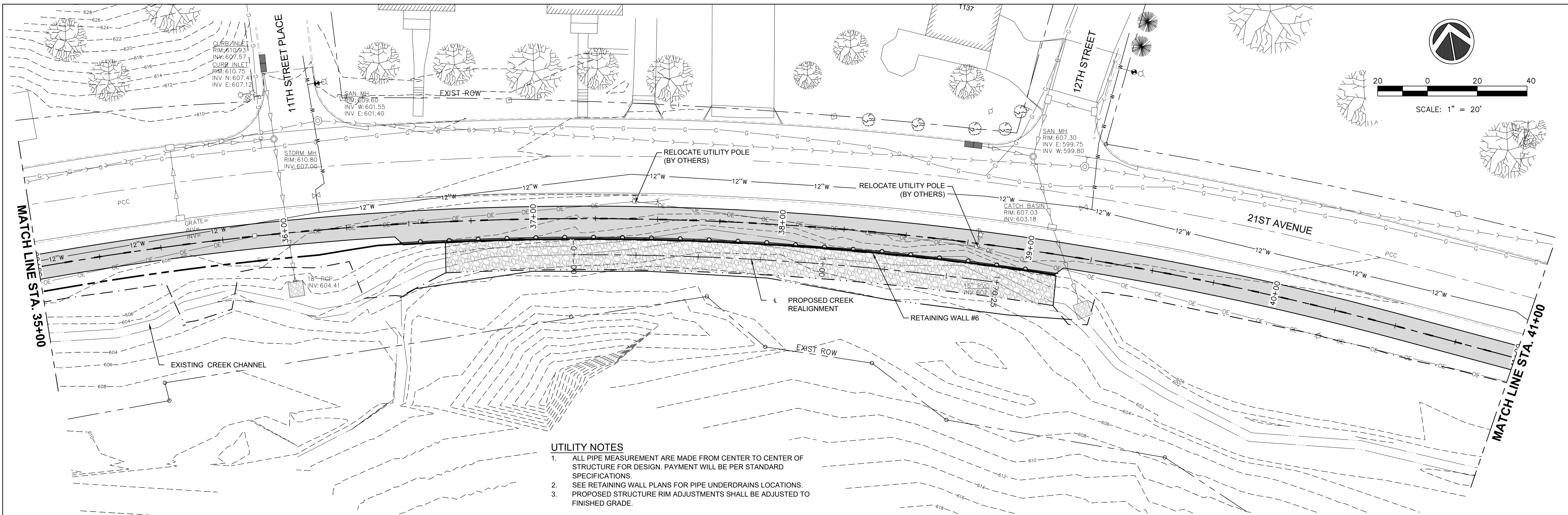


UTILITY PLAN & PROFILE

SCALE: SHEET NO. 65 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	UT3

ILLINOIS FED. AID PROJECT

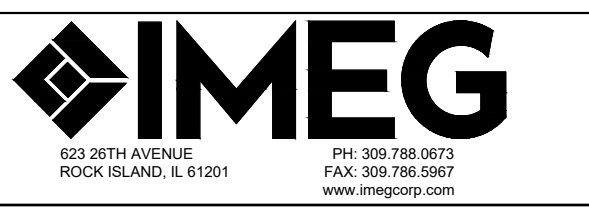


FILE NAME = 18000211.00/
CEM #001-2018

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PLOT SCALE =
PLOT DATE = 10/30/2020

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DRAWN — NWK
CHECKED — LRR
DATE — 10/30/2020

REVISED —
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REVISED —
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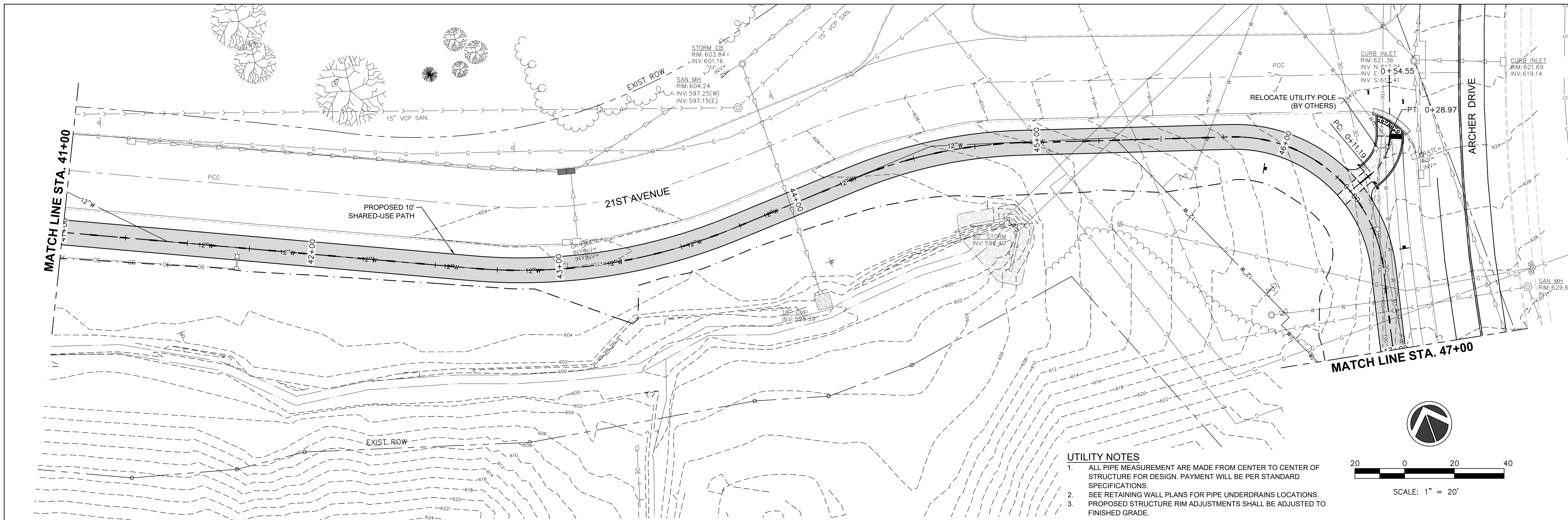


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UTILITY PLAN & PROFILE
SCALE: SHEET NO. 66 OF 178 SHEETS

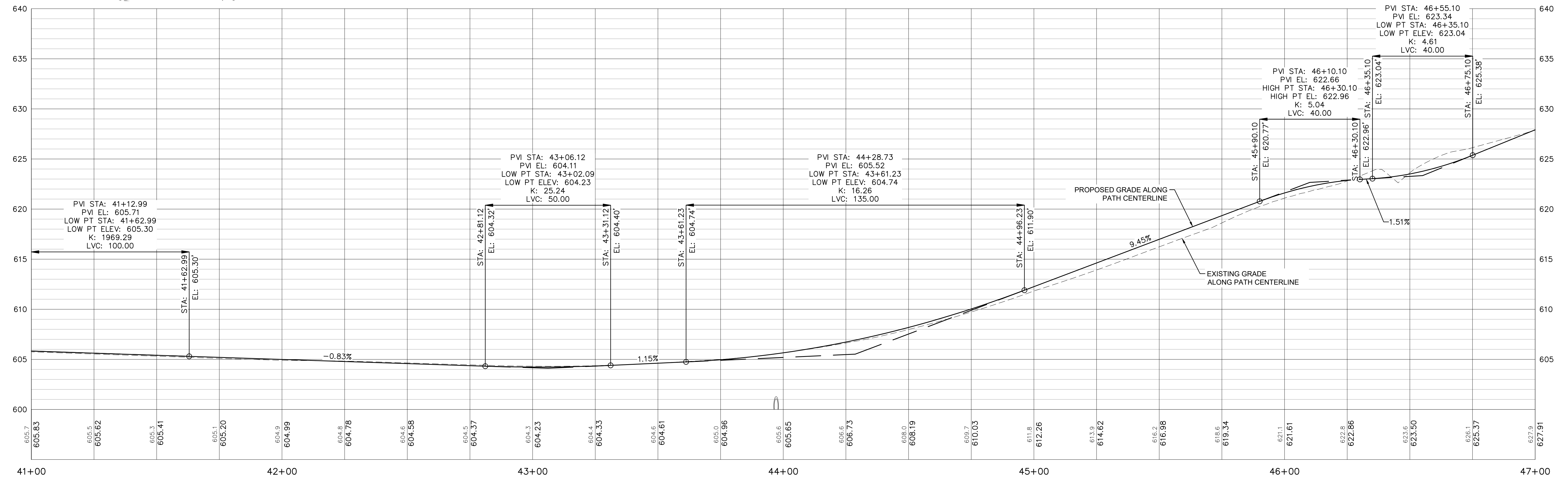
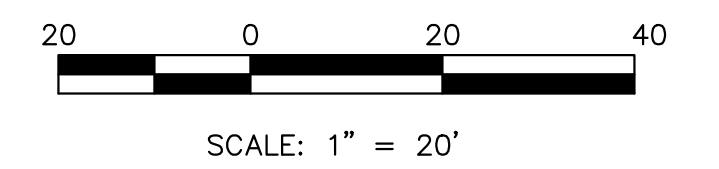
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	UT4

ILLINOIS FED. AID PROJECT



UTILITY NOTES

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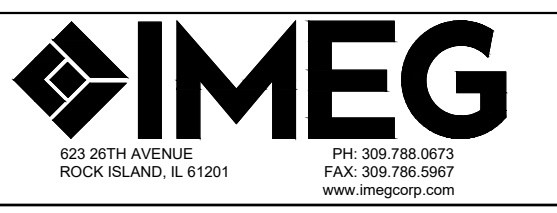


FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

DESIGNED — NWK
DRAWN — NWK
CHECKED — LRR
DATE — 10/30/2020

REVISED —
REVISED —
REVISED —
REVISED —



UTILITY PLAN & PROFILE

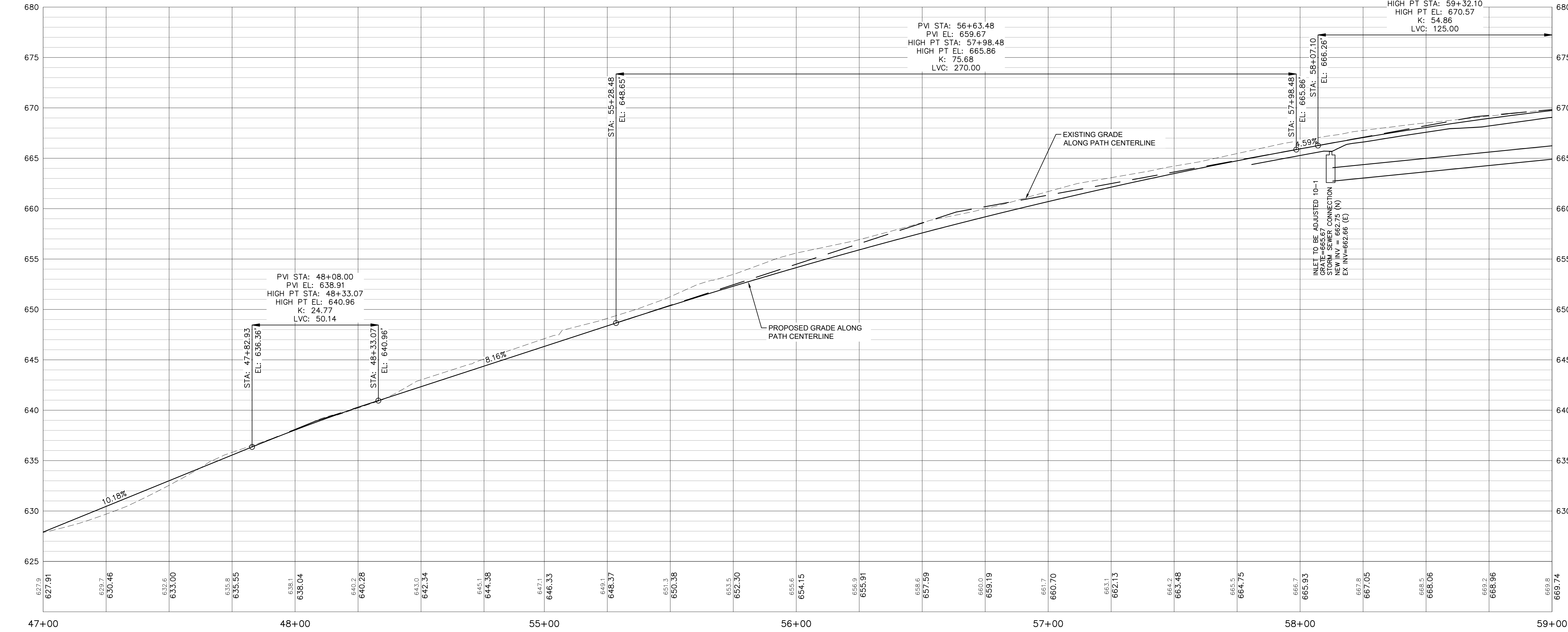
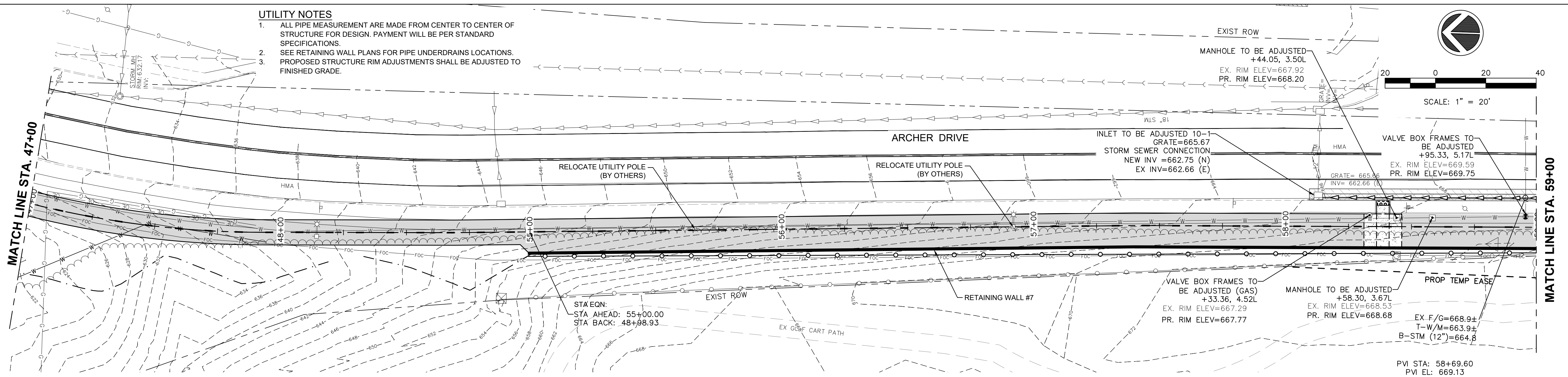
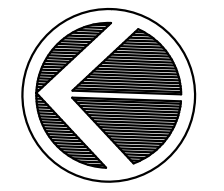
SCALE: SHEET NO. 67 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	UT5

ILLINOIS FED. AID PROJECT

UTILITY NOTES

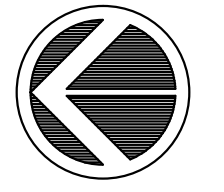
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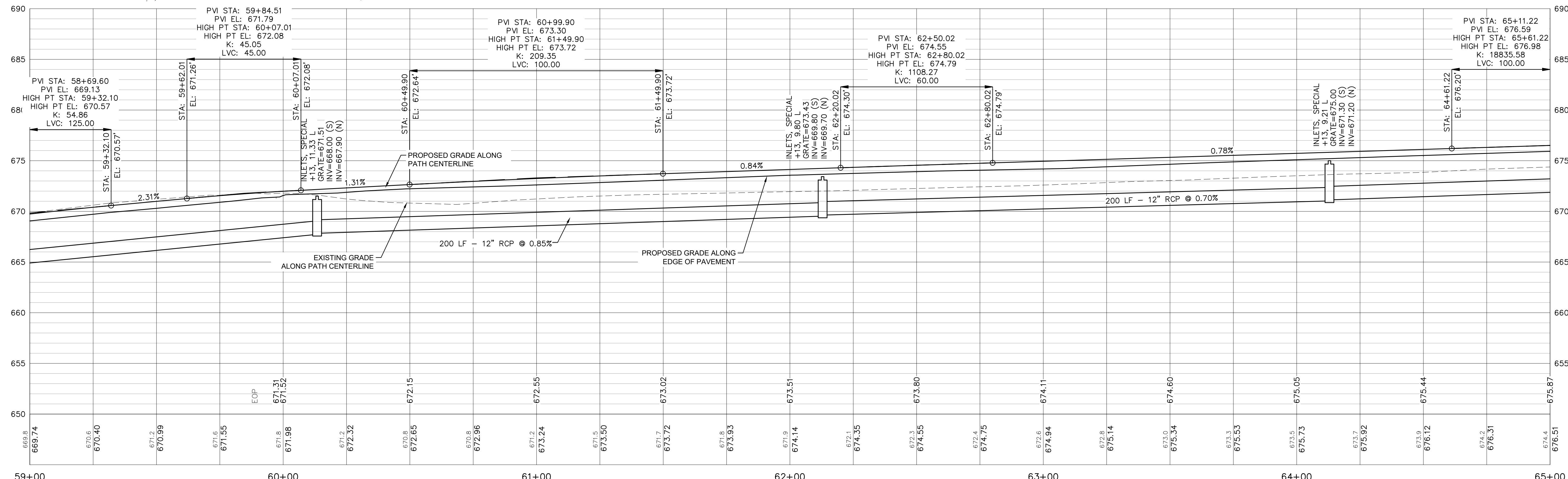
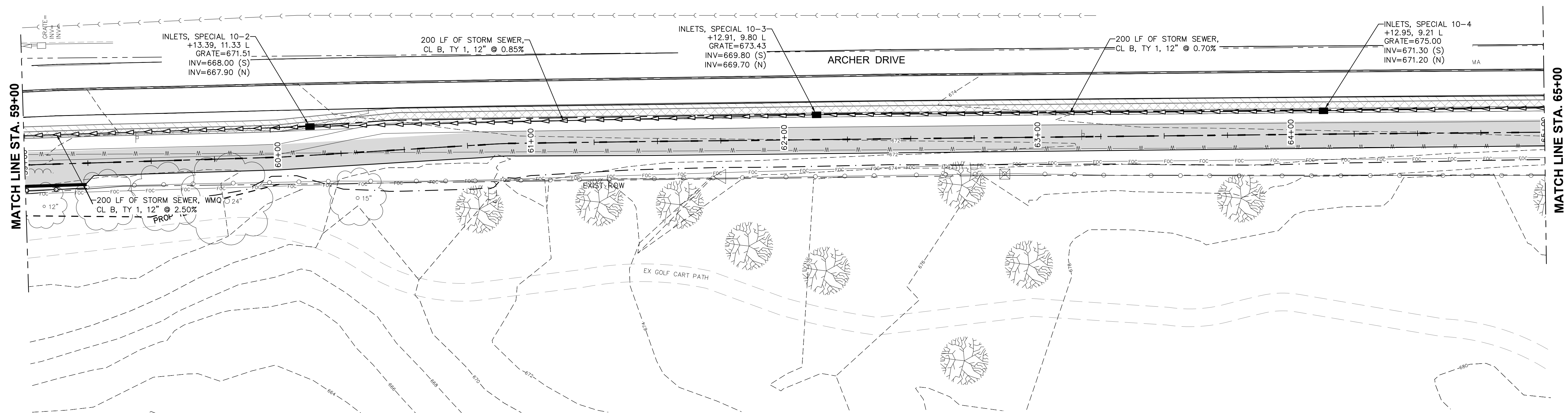
FILE NAME = 18000211.00/ CEM #001-2018	USER NAME = PAR	DESIGNED -- NWK	REVISED --	IMEG <small>823 20TH AVENUE ROCK ISLAND, IL 61201 PH: 309 788 0873 FAX: 309 788 0867 www.imegcorp.com</small>	UTILITY PLAN & PROFILE		F.A.U. RTE. 5851	SECTION 10-00145-00-BT	COUNTY ROCK ISLAND	TOTAL SHEETS 178	SHEET NO. UT6	
PLOT SCALE =	CHECKED -- LRR	REVISED --	REVISED --		SCALE:	SHEET NO. 68 OF 178 SHEETS	ILLINOIS FED. AID PROJECT					
PLOT DATE = 10/30/2020	DATE -- 10/30/2020	REVISED --	REVISED --									

UTILITY NOTES

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SCALE: 1" = 20'



FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR

DESIGNED - NWK

REVISED - -

PLOT SCALE =

DRAWN - NWK

REVISED - -

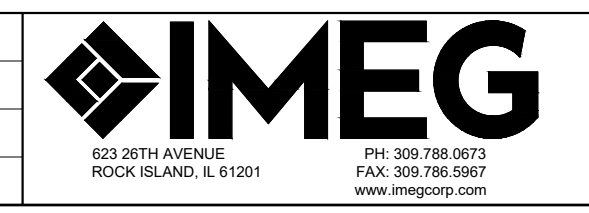
PLOT DATE = 10/30/2020

CHECKED - LRR

REVISED - -

DATE - 10/30/2020

REVISED - -



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FAX: 309.788.0867
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UTILITY PLAN & PROFILE

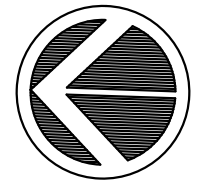
SCALE: SHEET NO. 69 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	UT7

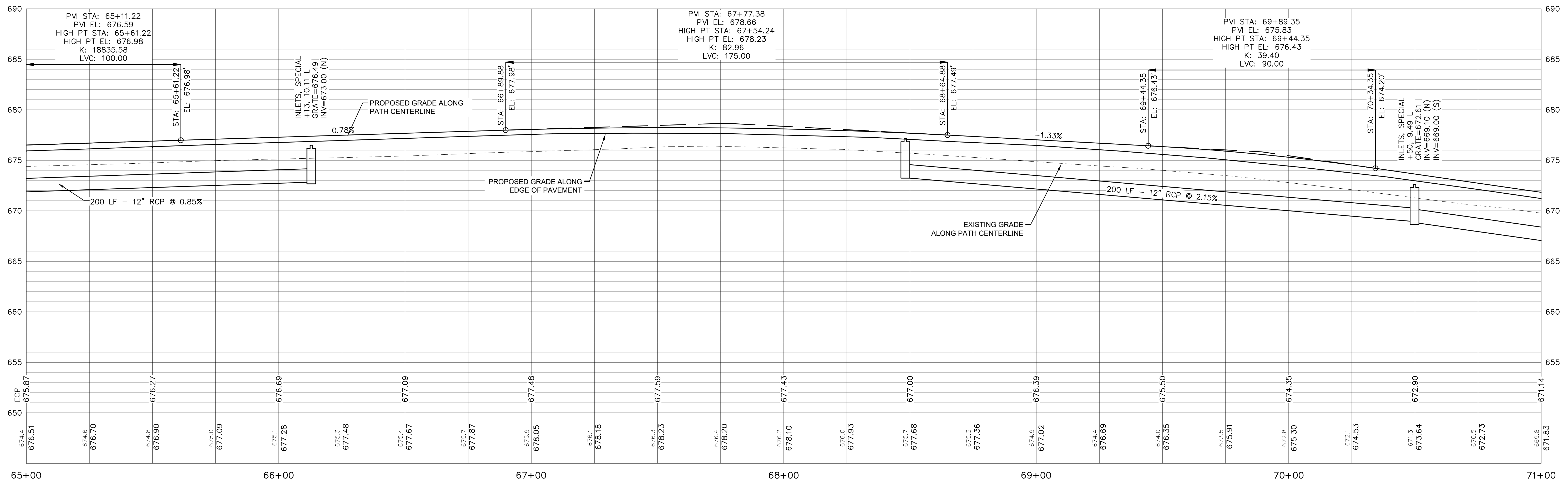
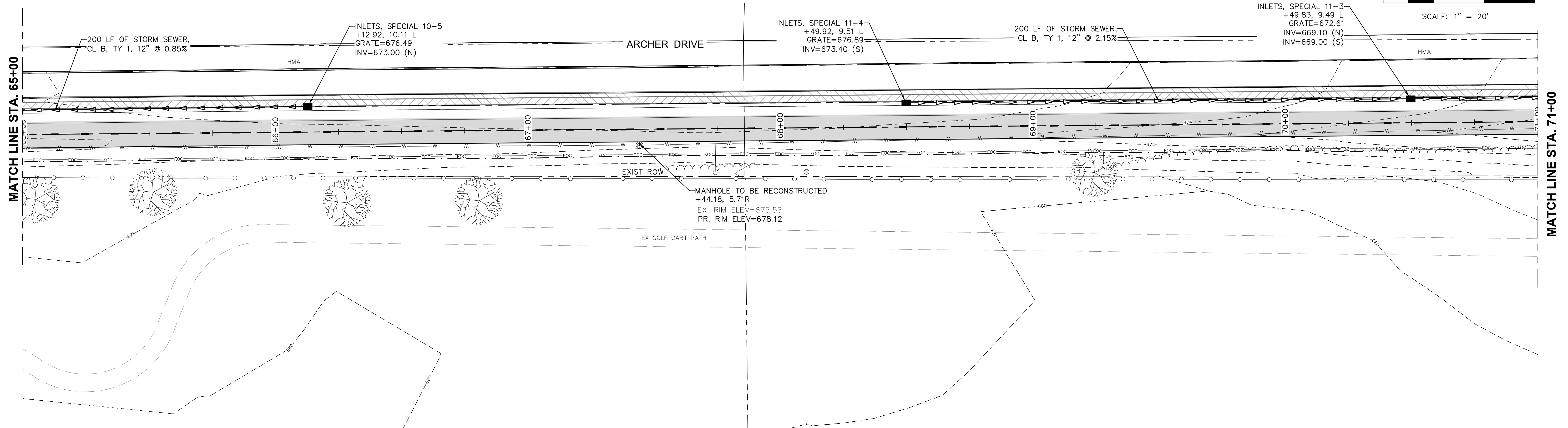
ILLINOIS FED. AID PROJECT

UTILITY NOTES

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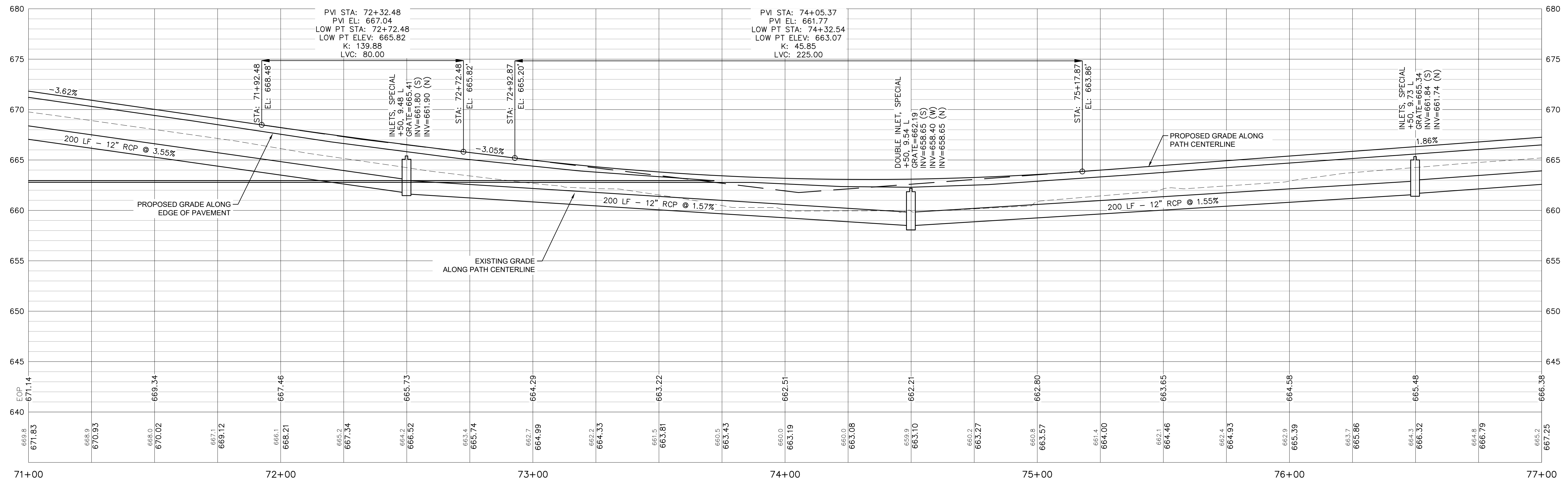
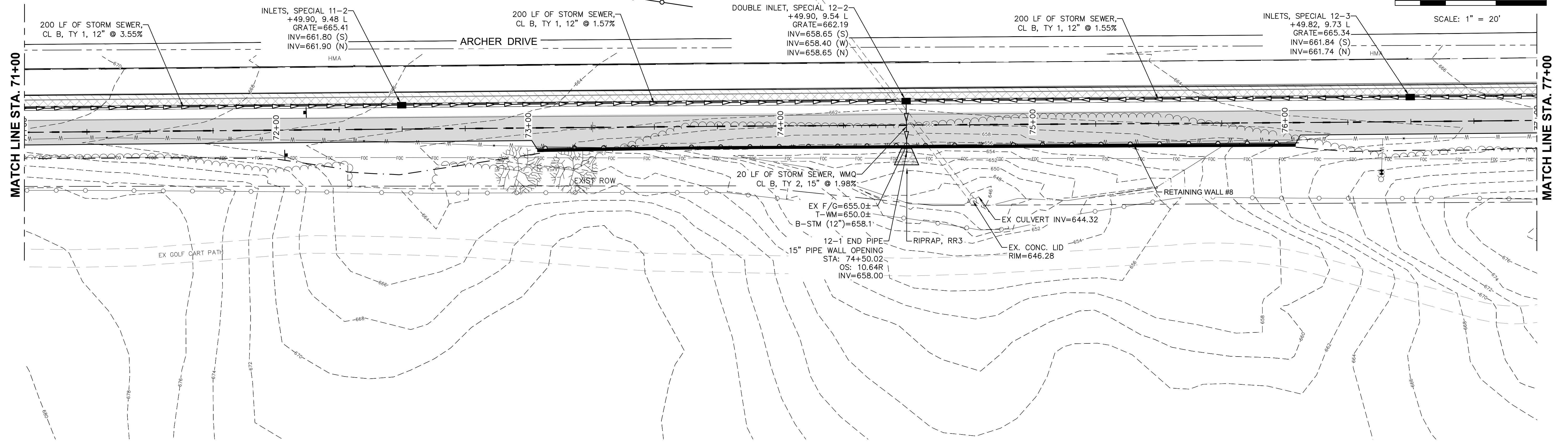
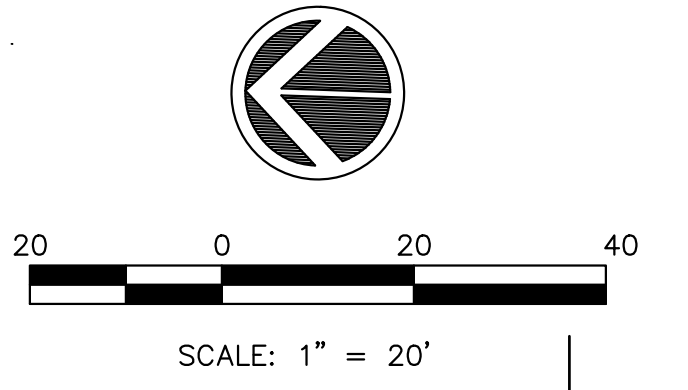
SCALE: 1" = 20'



FILE NAME = 18000211.00/ CEM #001-2018	USER NAME = PAR	DESIGNED -- NWK	REVISED --	<p>823 20TH AVENUE ROCK ISLAND, IL 61201 PH: 309.788.0873 FAX: 309.788.0867 www.imegcorp.com</p>	<p align="center">UTILITY PLAN & PROFILE</p> <p>SCALE: SHEET NO. 70 OF 178 SHEETS</p>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE =	CHECKED -- LRR	REVISED --	5851				10-00145-00-BT	ROCK ISLAND	178	UT8		
PLOT DATE = 10/30/2020	DATE -- 10/30/2020	REVISED --			ILLINOIS FED. AID PROJECT							

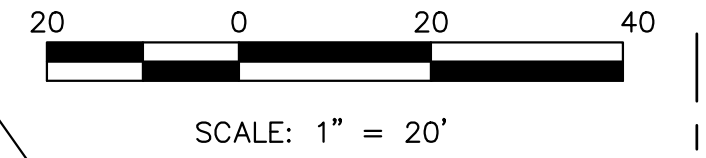
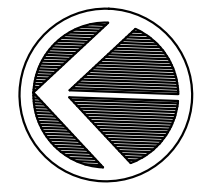
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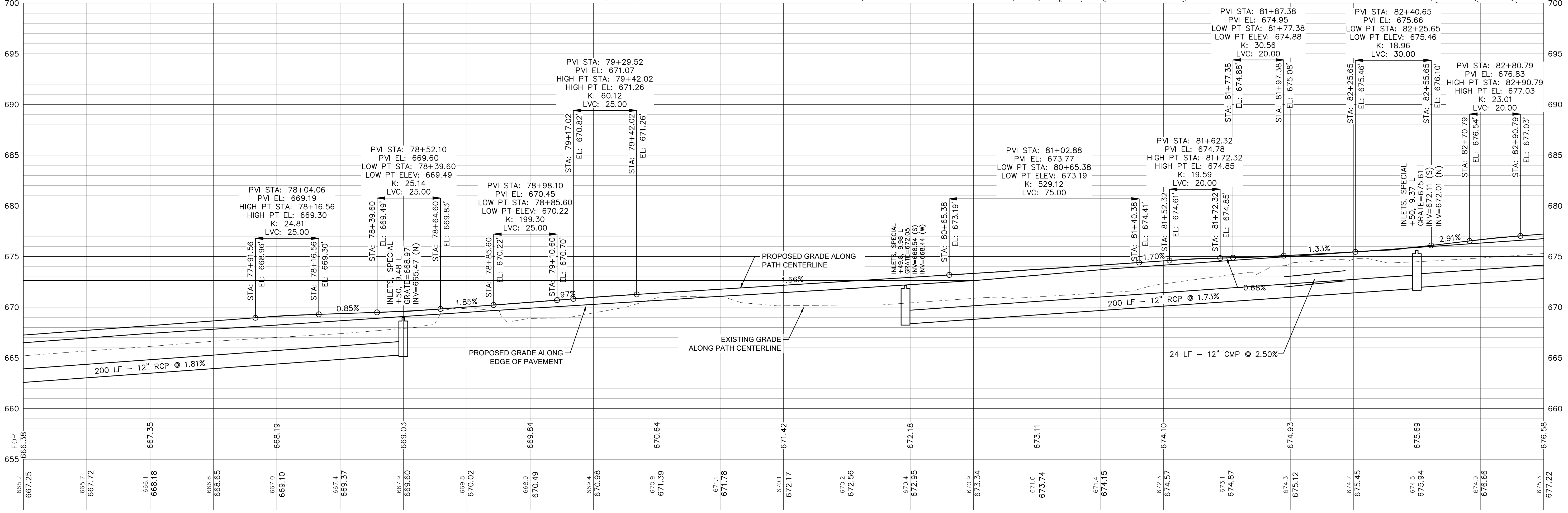
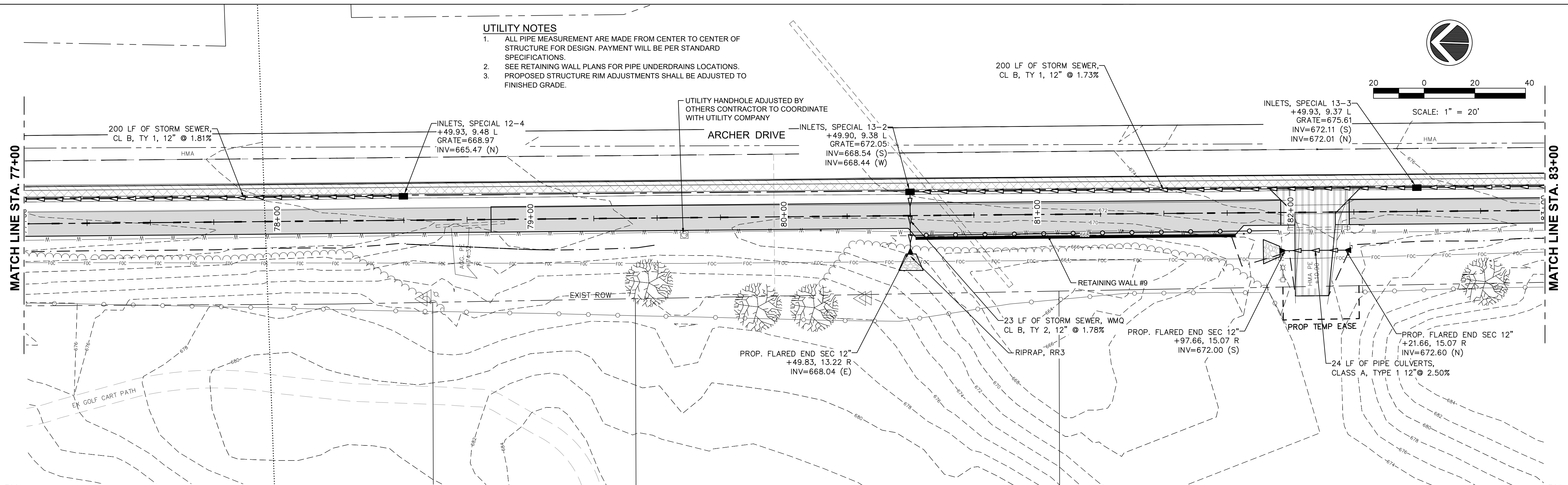
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	PLOT SCALE =	DRAWN -- NWK	REVISED --		SCALE: SHEET NO. 71 OF 178 SHEETS		ILLINOIS FED. AID PROJECT					
	PLOT DATE = 10/30/2020	CHECKED -- LRR	REVISED --									
		DATE -- 10/30/2020	REVISED --									

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MATCH LINE STA. 77+00

MATCH LINE STA. 83+00

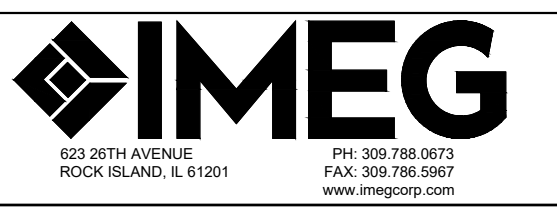


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CEM #001-2018

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PLOT DATE = 10/30/2020
DATE - 10/30/2020
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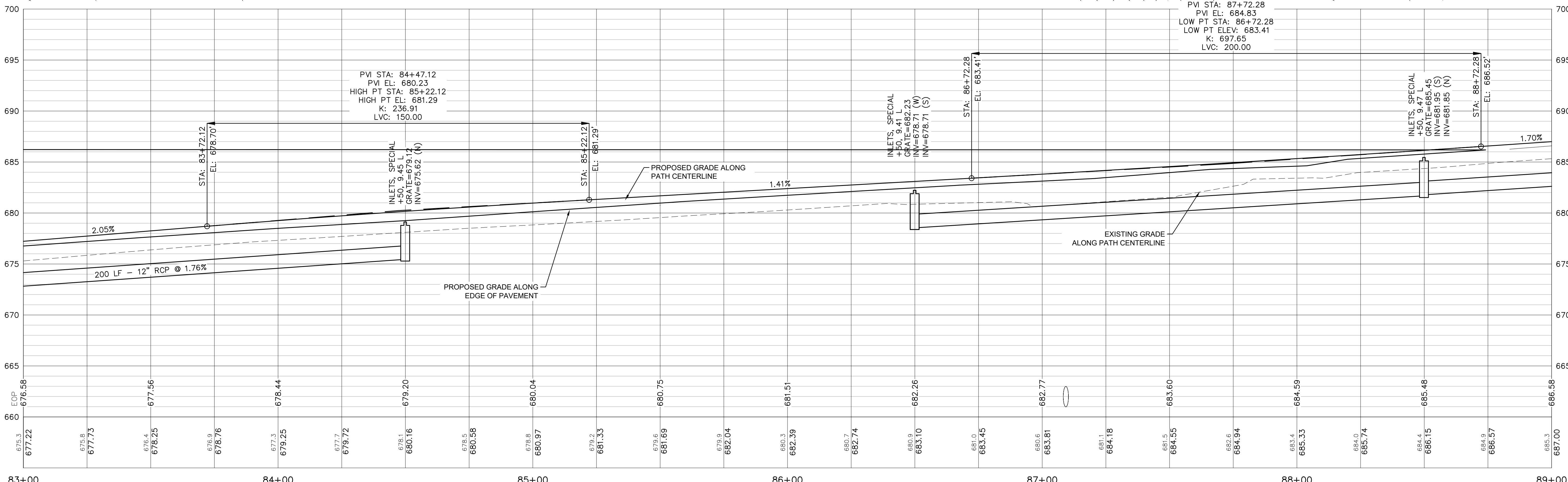
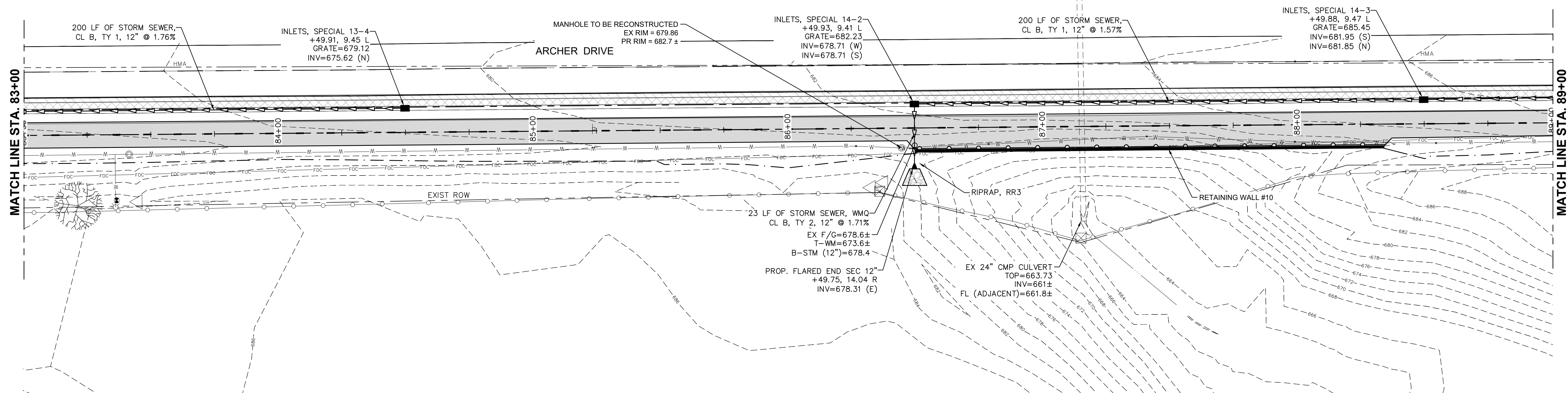
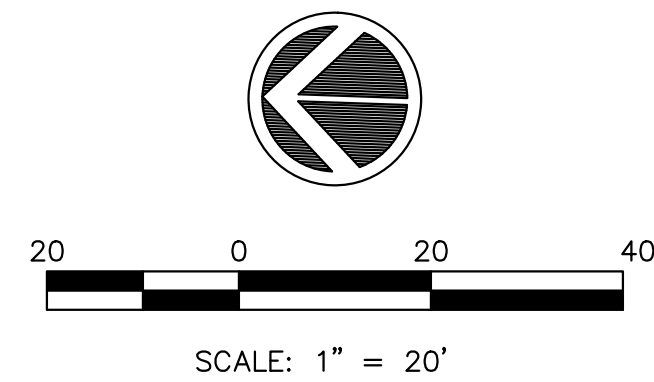
UTILITY PLAN & PROFILE

SCALE: SHEET NO. 72 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	UT10

ILLINOIS FED. AID PROJECT

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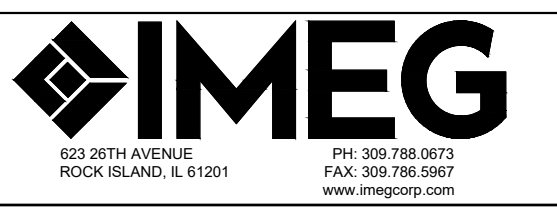


FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

DESIGNED - NWK
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CHECKED - LRR
DATE - 10/30/2020

REVISED -
REVISED -
REVISED -
REVISED -



UTILITY PLAN & PROFILE

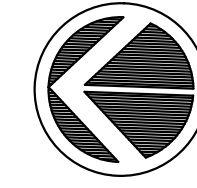
SCALE: SHEET NO. 73 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	UT11

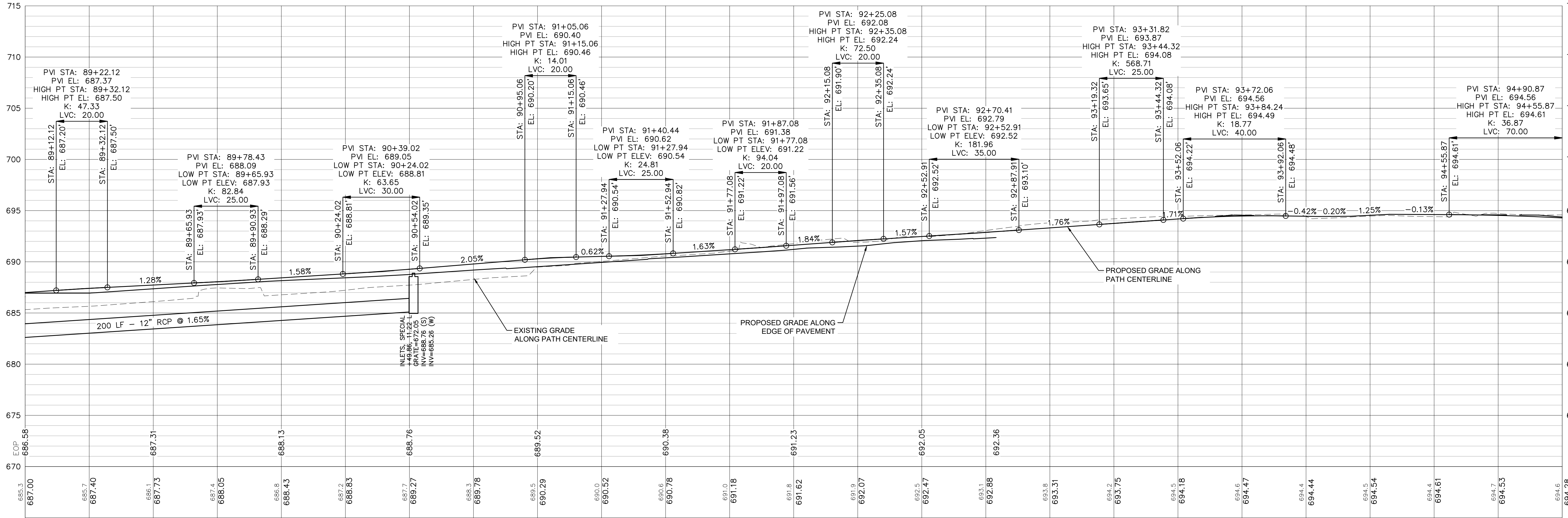
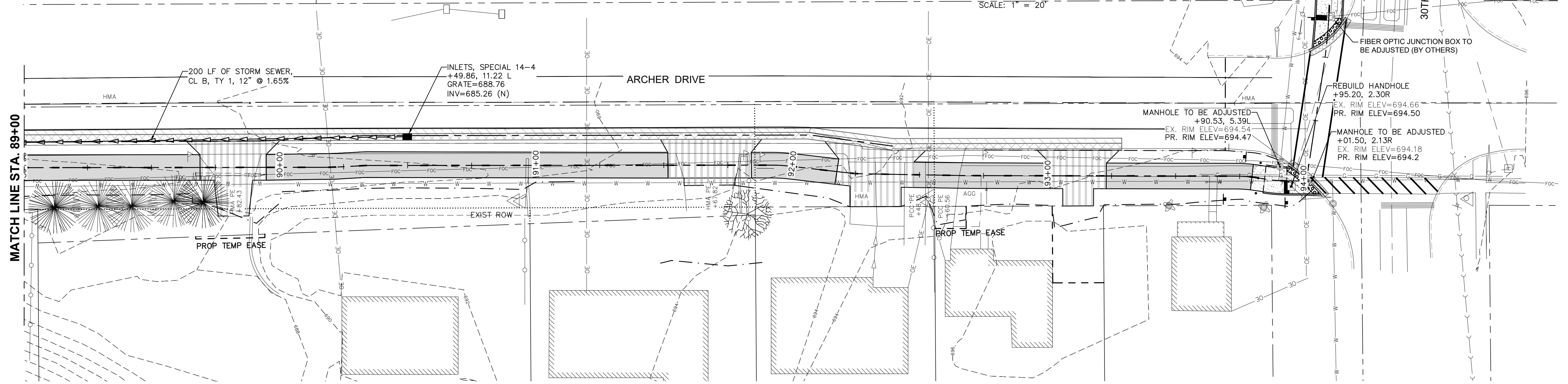
ILLINOIS FED. AID PROJECT

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SCALE: 1" = 20'



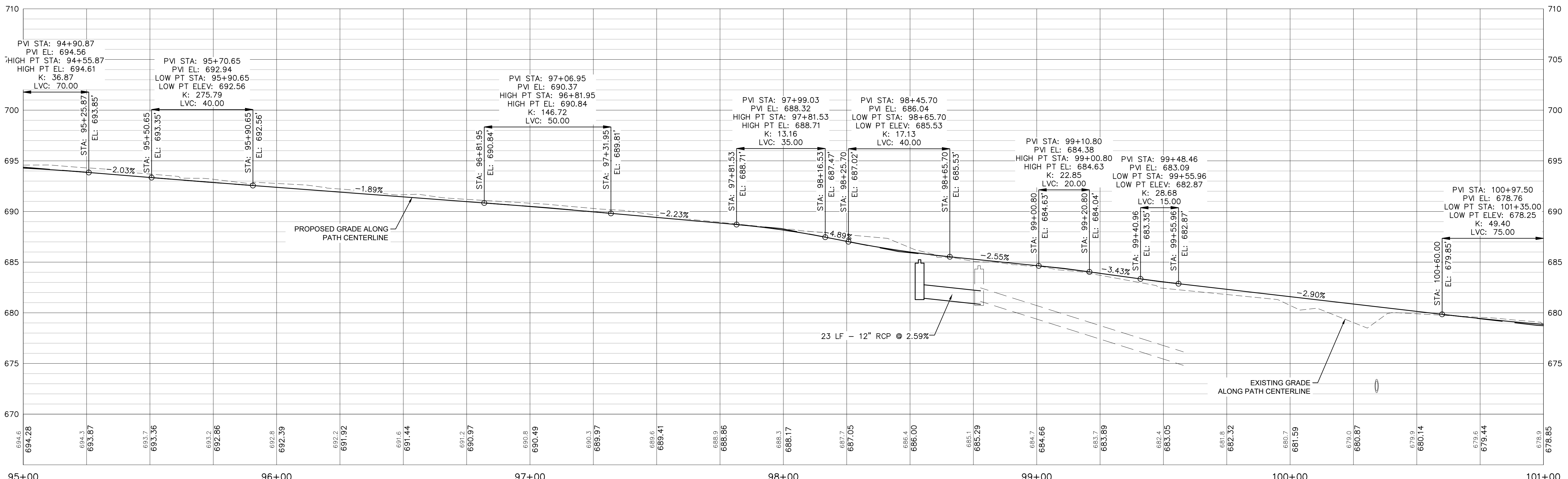
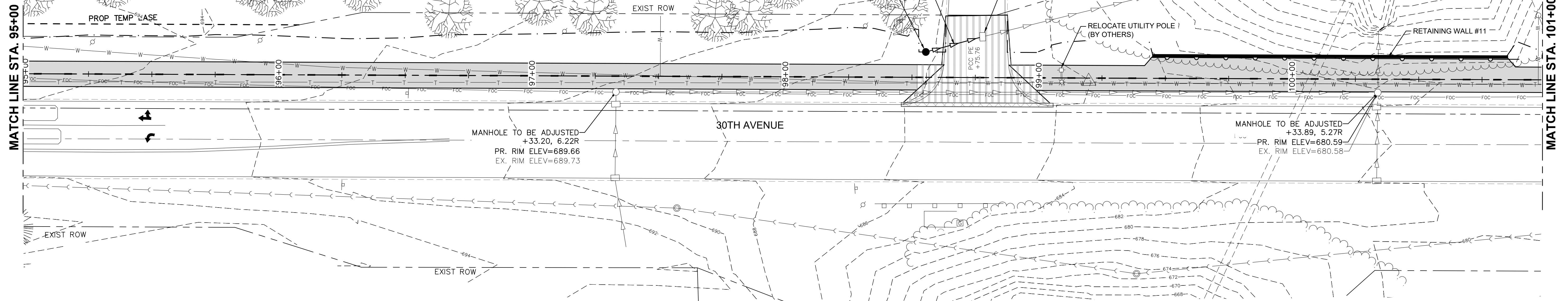
FILE NAME = 18000211.00/ CEM #001-2018	USER NAME = PAR	DESIGNED — NWK	REVISED — .	IMEG <small>823 20TH AVENUE ROCK ISLAND, IL 61201 PH: 309.788.0873 FAX: 309.788.0861 www.imegcorp.com</small>	UTILITY PLAN & PROFILE		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN — NWK	REVISED — .		SCALE: SHEET NO. 74 OF 178 SHEETS		5851	10-00145-00-BT	ROCK ISLAND	178	UT12
	PLOT DATE = 10/30/2020	CHECKED — LRR	REVISED — .				ILLINOIS FED. AID PROJECT				
		DATE — 10/30/2020	REVISED — .								

UTILITY NOTES

1. ALL PIPE MEASUREMENT ARE MADE FROM CENTER TO CENTER OF STRUCTURE FOR DESIGN. PAYMENT WILL BE PER STANDARD SPECIFICATIONS.
2. SEE RETAINING WALL PLANS FOR PIPE UNDERDRAINS LOCATIONS.
3. PROPOSED STRUCTURE RIM ADJUSTMENTS SHALL BE ADJUSTED TO FINISHED GRADE.



SCALE: 1" = 20'

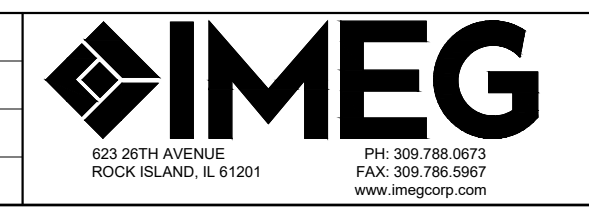


FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR

DESIGNED — NWK
DRAWN — NWK

REVISED —
REVISED —
CHECKED — LRR
REVISD —



UTILITY PLAN & PROFILE

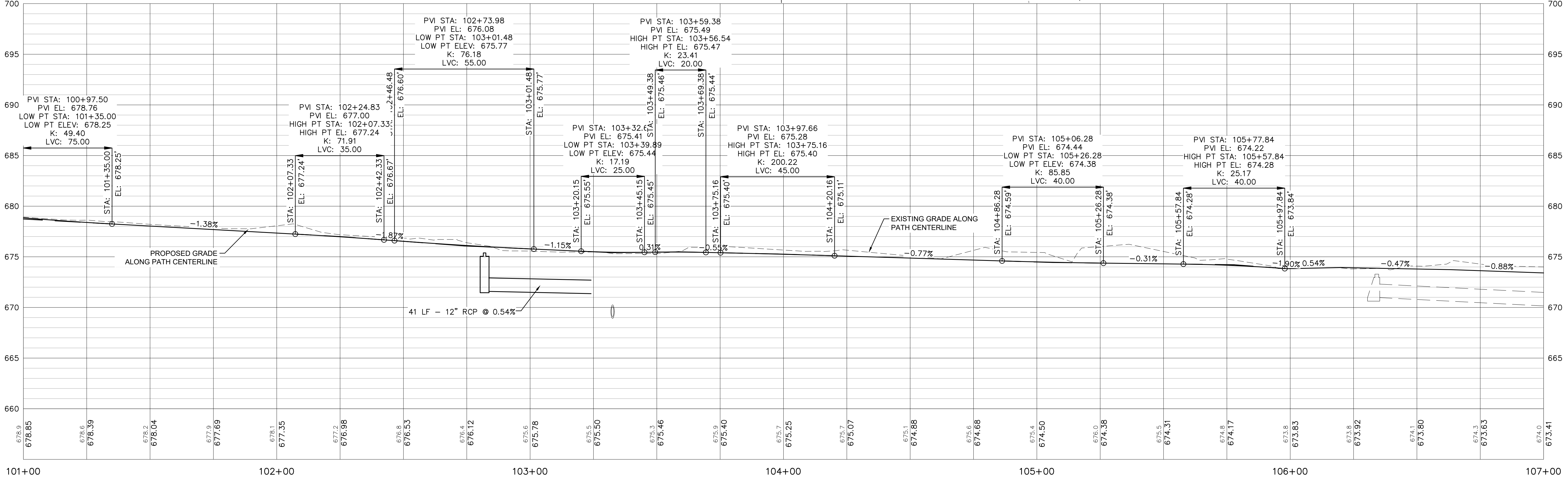
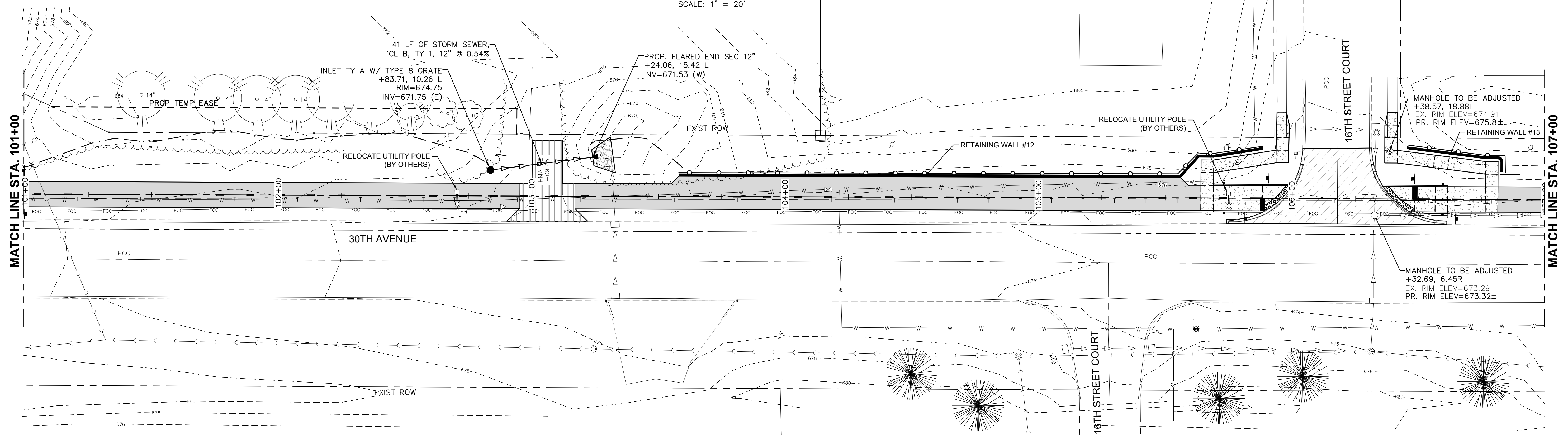
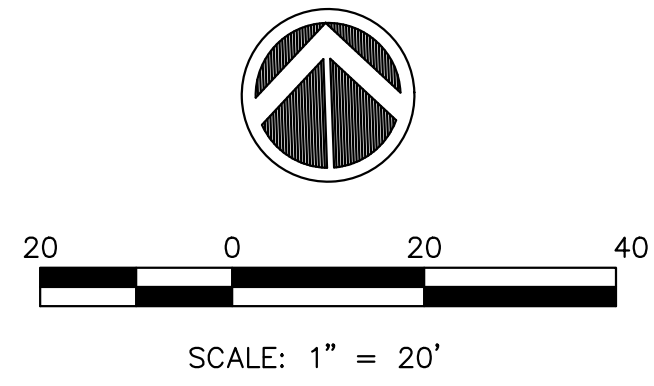
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	UT13

SCALE: SHEET NO. 75 OF 178 SHEETS

ILLINOIS FED. AID PROJECT

UTILITY NOTES

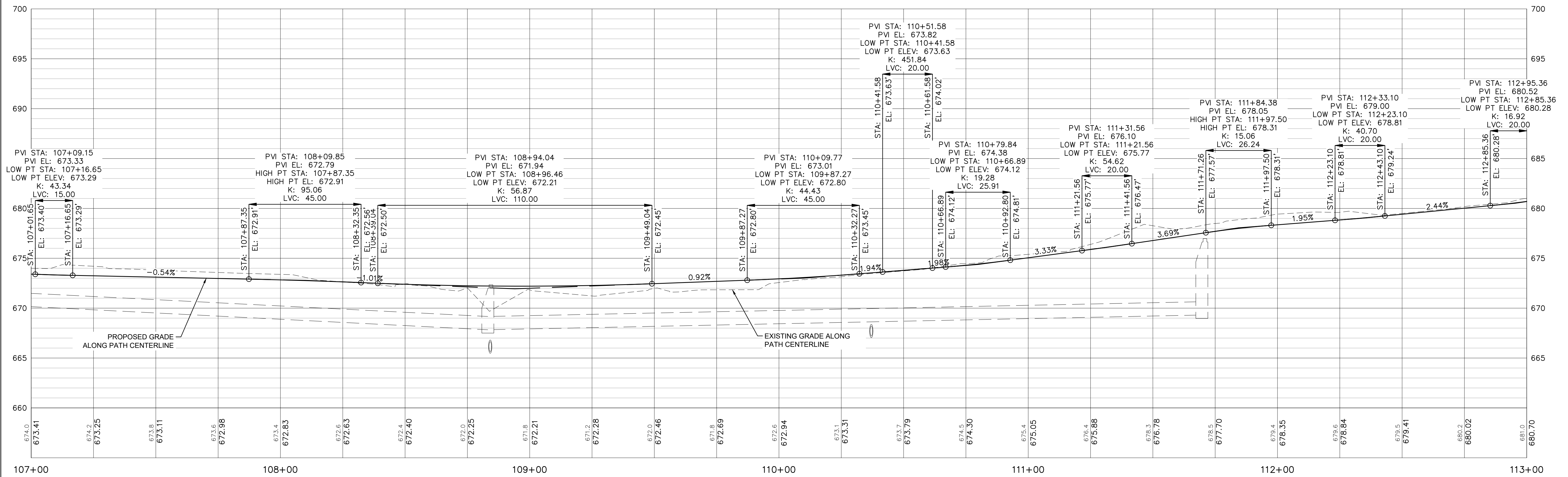
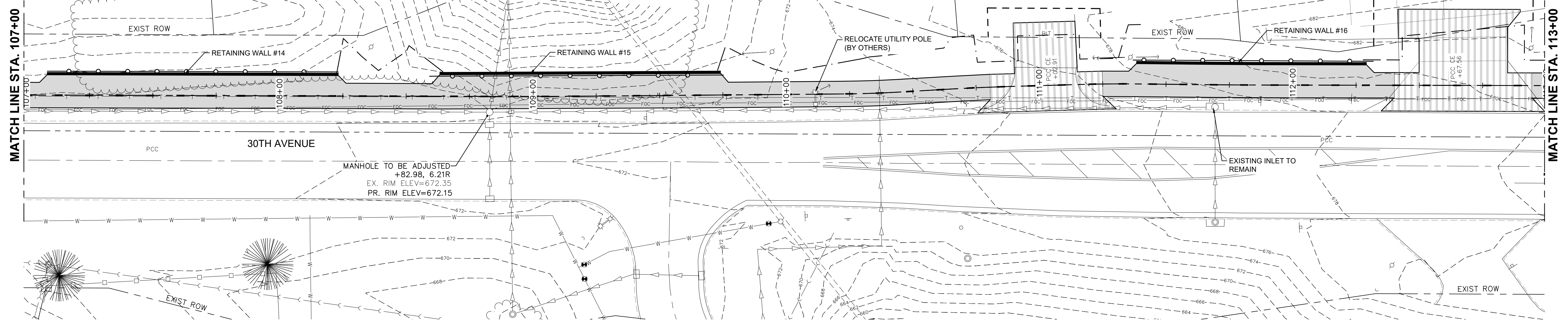
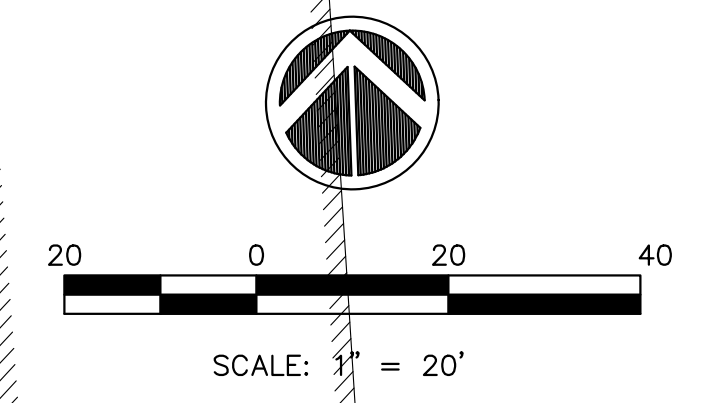
1. ALL PIPE MEASUREMENT ARE MADE FROM CENTER TO CENTER OF STRUCTURE FOR DESIGN. PAYMENT WILL BE PER STANDARD SPECIFICATIONS.
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FILE NAME = 18000211.00/ CEM #001-2018	USER NAME = PAR	DESIGNED -- NWK	REVISED --		UTILITY PLAN & PROFILE		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE =	CHECKED -- LRR	REVISED --	5851				10-00145-00-BT	ROCK ISLAND	178	UT14	
PLOT DATE = 10/30/2020	DATE -- 10/30/2020	REVISED --	ILLINOIS FED. AID PROJECT								
			SCALE:				SHEET NO. 76 OF 178 SHEETS				

UTILITY NOTES

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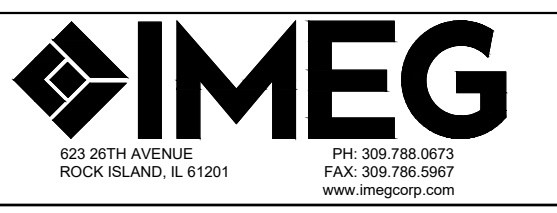


FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

DESIGNED — NWK
DRAWN — NWK
CHECKED — LRR
DATE — 10/30/2020

REVISED —
REVISED —
REVISED —
REVISED —



UTILITY PLAN & PROFILE

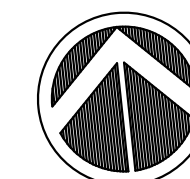
SCALE: SHEET NO. 77 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	UT15

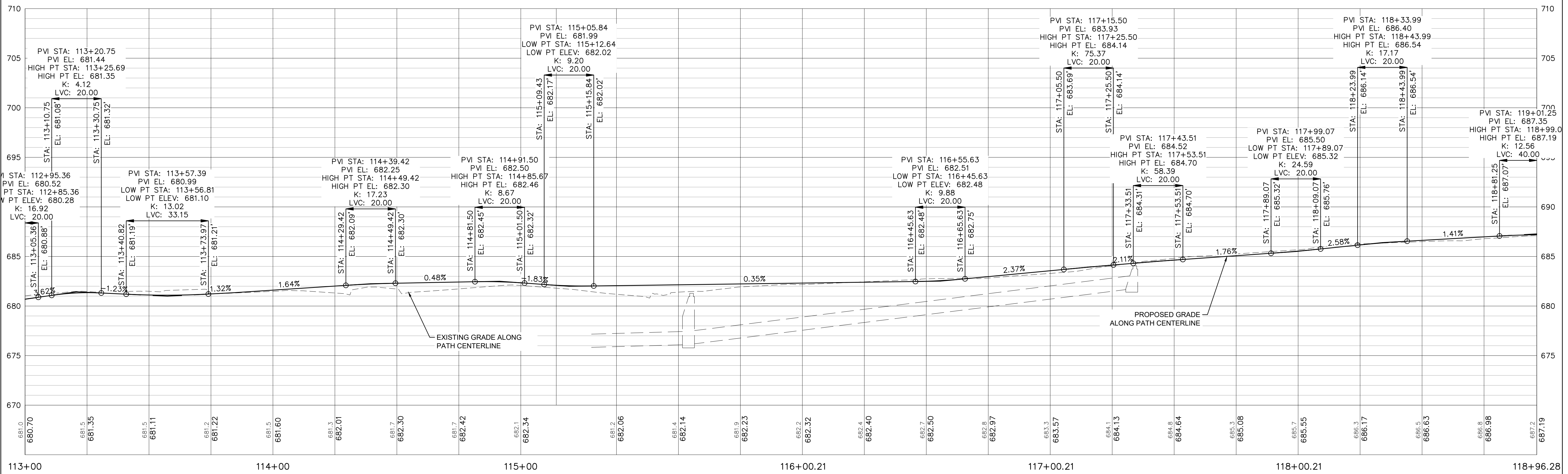
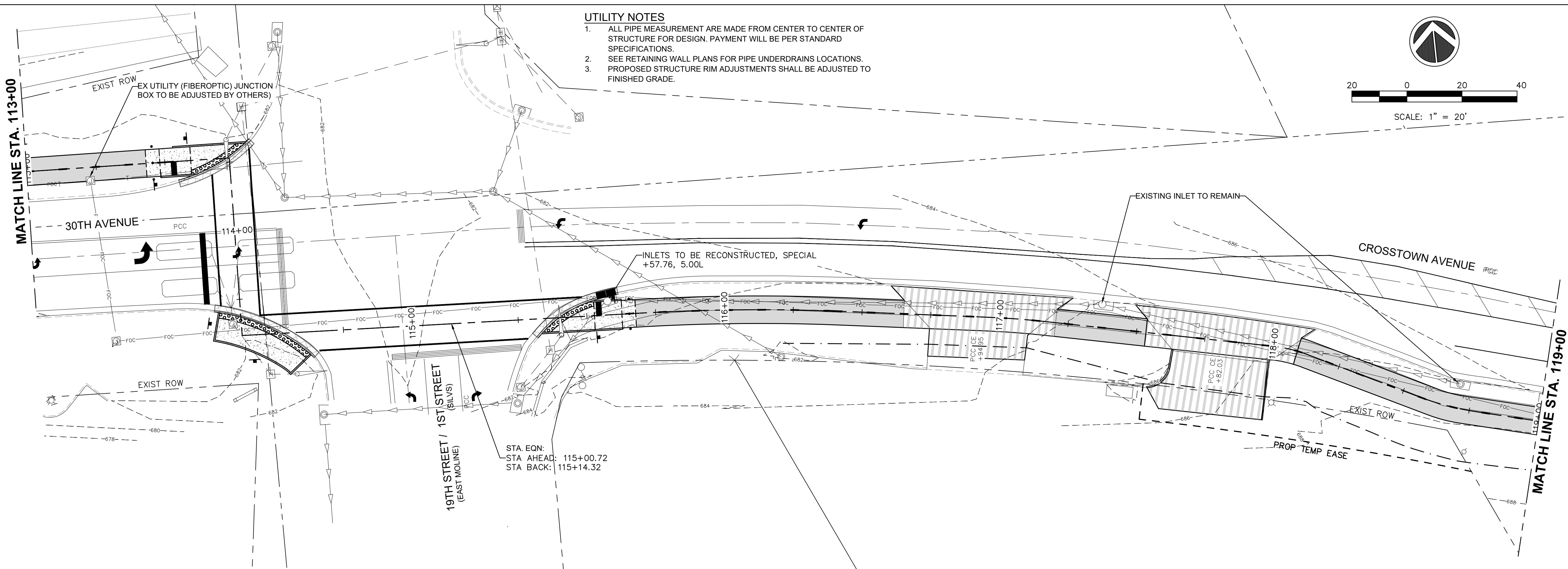
ILLINOIS FED. AID PROJECT

UTILITY NOTES

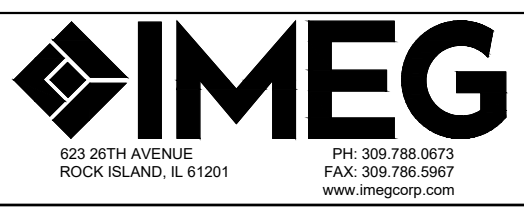
1. ALL PIPE MEASUREMENT ARE MADE FROM CENTER TO CENTER OF STRUCTURE FOR DESIGN. PAYMENT WILL BE PER STANDARD SPECIFICATIONS.
2. SEE RETAINING WALL PLANS FOR PIPE UNDERDRAINS LOCATIONS.
3. PROPOSED STRUCTURE RIM ADJUSTMENTS SHALL BE ADJUSTED TO FINISHED GRADE.



SCALE: 1" = 20'

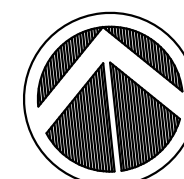


113+00	114+00	115+00	116+00.21	117+00.21	118+00.21	118+96.28
FILE NAME = 18000211.00/ CEM #001-2018	USER NAME = PAR	DESIGNED -- NWK	REVISED --	UTILITY PLAN & PROFILE		F.A.U. RTE. 5851
PLOT SCALE =	CHECKED -- LRR	DRAWN -- NWK	REVISED --	SHEET NO. 78 OF 178 SHEETS		SECTION 10-00145-00-BT
PLOT DATE = 10/30/2020	DATE -- 10/30/2020	REVISOR --	REVISED --	SCALE:		COUNTY ROCK ISLAND
						TOTAL SHEETS 178
						SHEET NO. UT16
						ILLINOIS FED. AID PROJECT

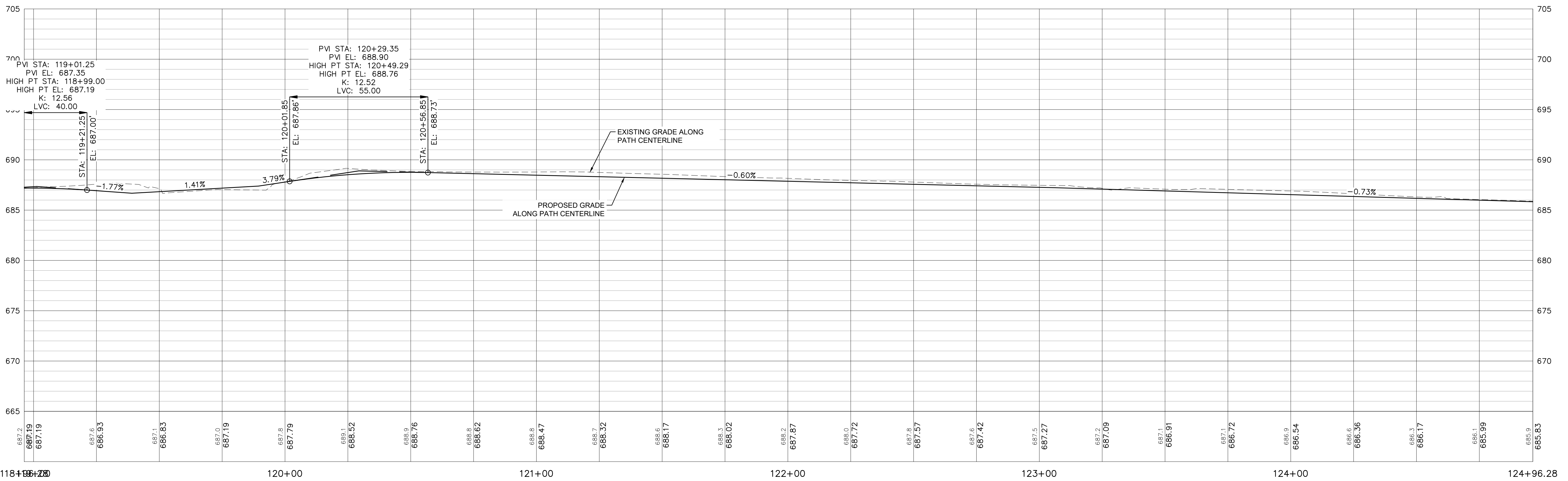
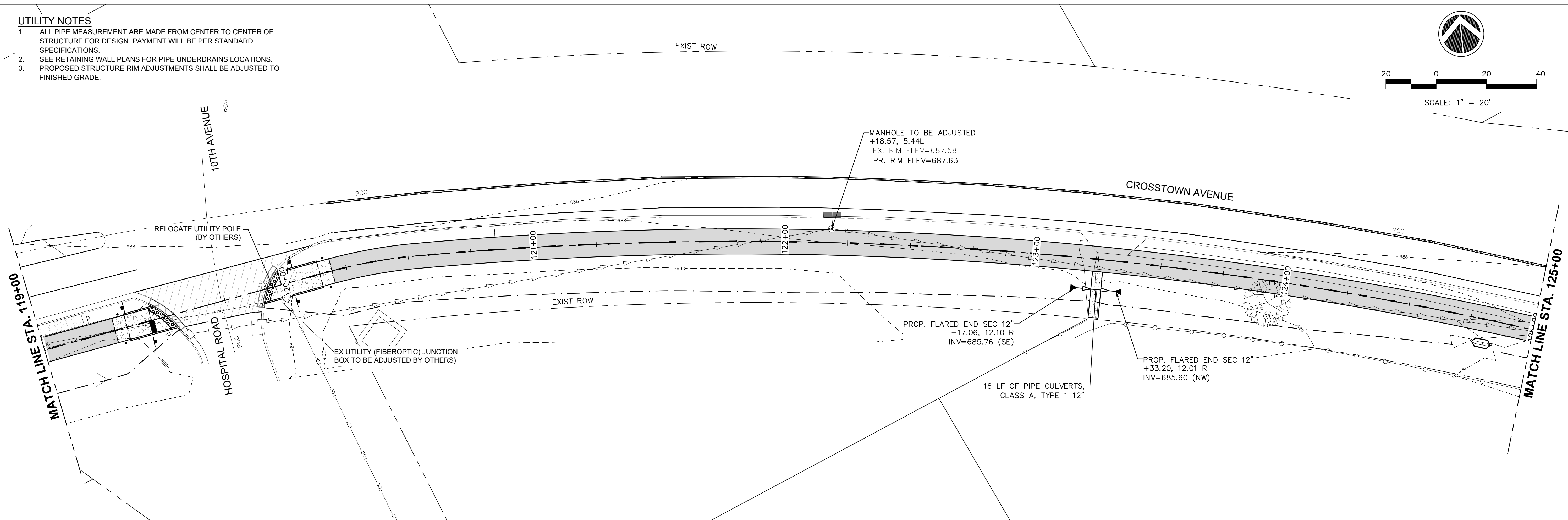


UTILITY NOTES

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SCALE: 1" = 20'



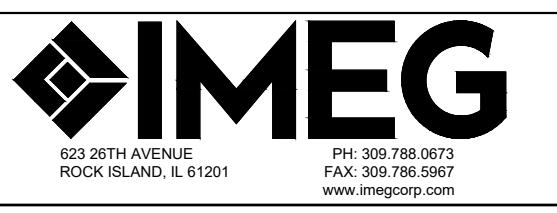
118+00 120+00 121+00 122+00 123+00 124+00 124+96.28

FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

DESIGNED — NWK
DRAWN — NWK
CHECKED — LRR
DATE — 10/30/2020

REVISED —
REVISED —
REVISED —
REVISED —



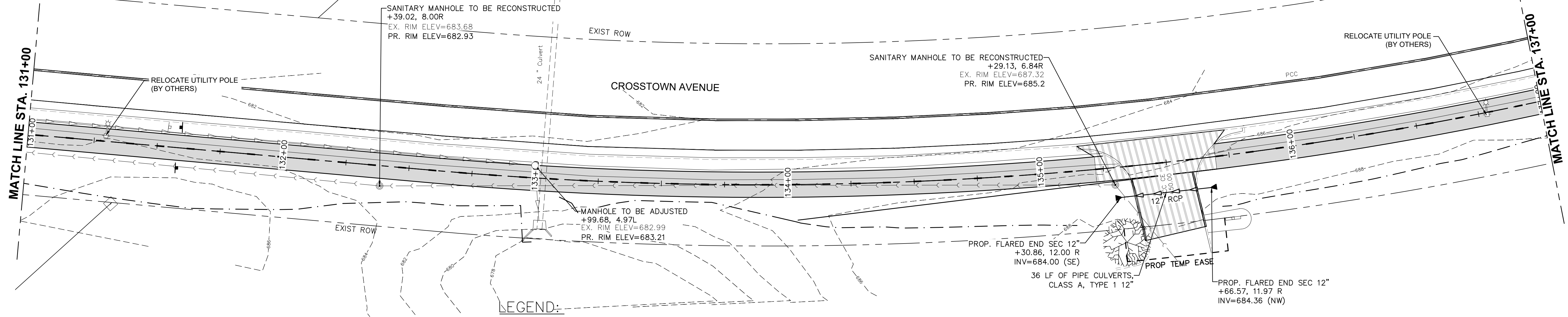
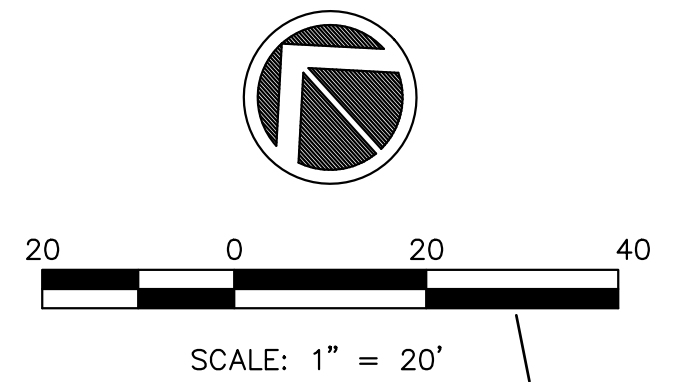
UTILITY PLAN & PROFILE

SCALE: SHEET NO. 79 OF 178 SHEETS

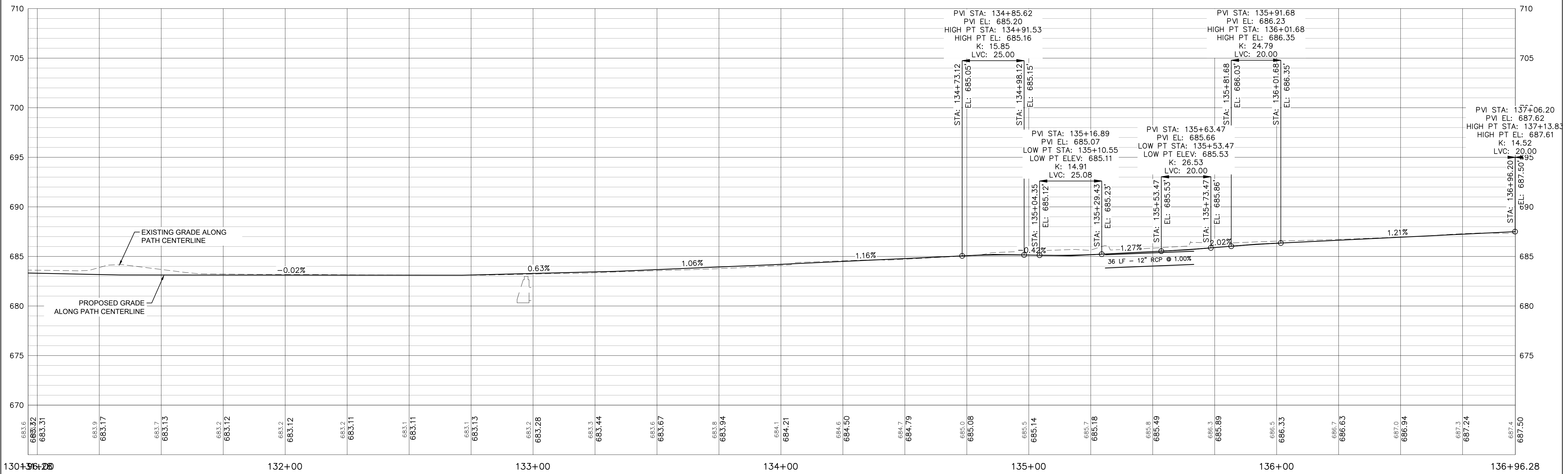
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	UT17

ILLINOIS FED. AID PROJECT

- UTILITY NOTES**
1. ALL PIPE MEASUREMENT ARE MADE FROM CENTER TO CENTER OF STRUCTURE FOR DESIGN. PAYMENT WILL BE PER STANDARD SPECIFICATIONS.
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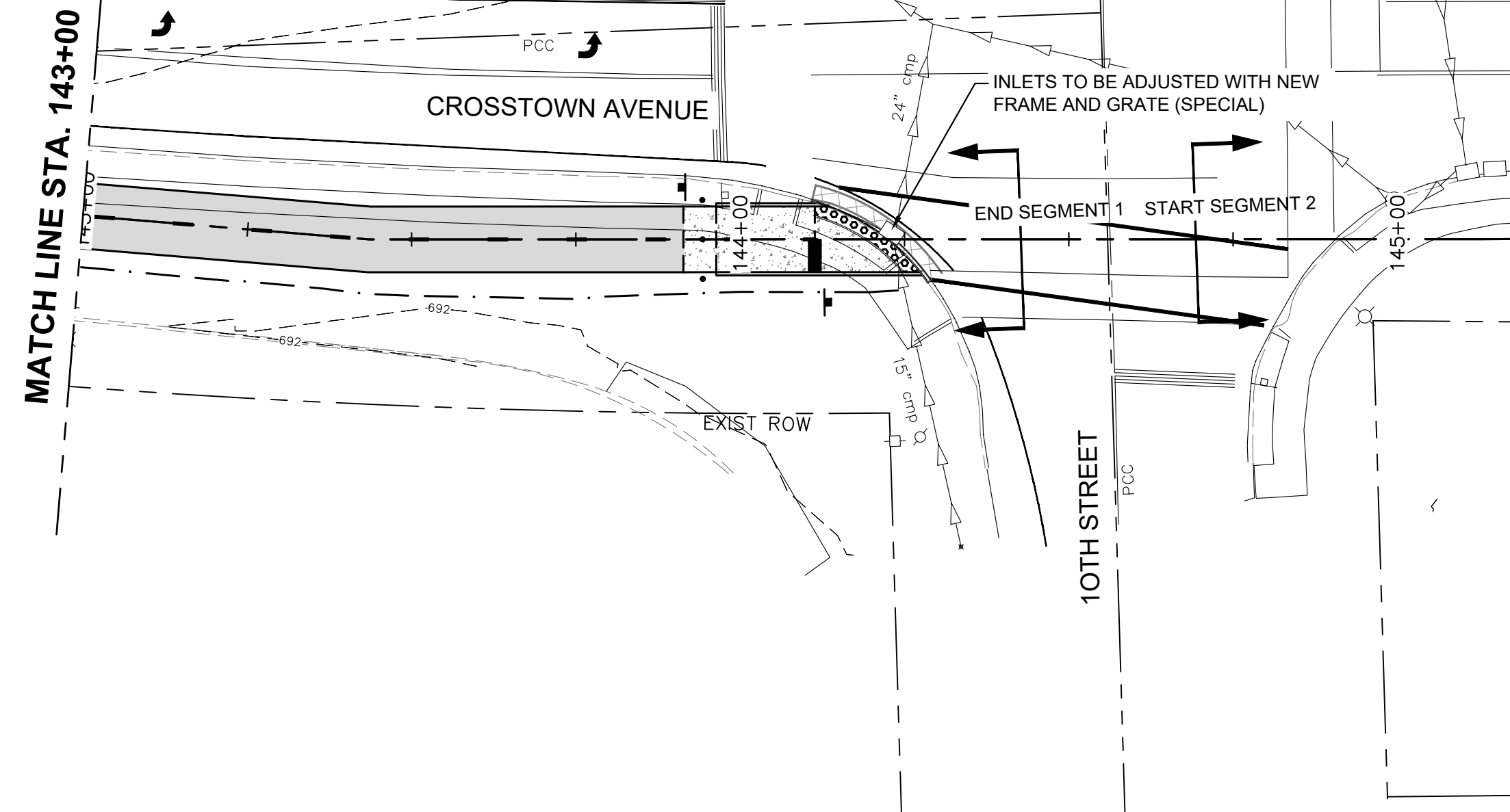
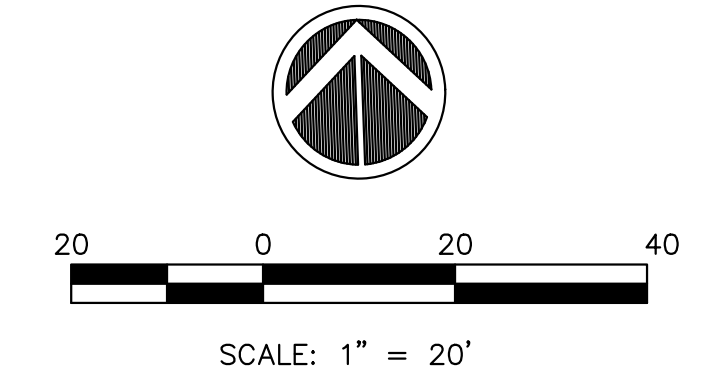
- LEGEND:**
- PROPOSED PCC SIDEWALK, 4" TYP.
 - PROPOSED COMBINATION CURB & GUTTER, TYPE B-6.12.
 - PROPOSED DETECTABLE WARNING.
 - PROPOSED P.C.C. PAVEMENT



FILE NAME = 18000211.00/ CEM #001-2018	USER NAME = PAR	DESIGNED -- NWK	REVISED --		UTILITY PLAN & PROFILE		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE =	CHECKED -- LRR	REVISED --	5851				10-00145-00-BT	ROCK ISLAND	178	UT19		
PLOT DATE = 10/30/2020	DATE -- 10/30/2020	REVISED --	REVISED --		ILLINOIS FED. AID PROJECT							
SCALE:			SHEET NO. 81 OF 178 SHEETS									

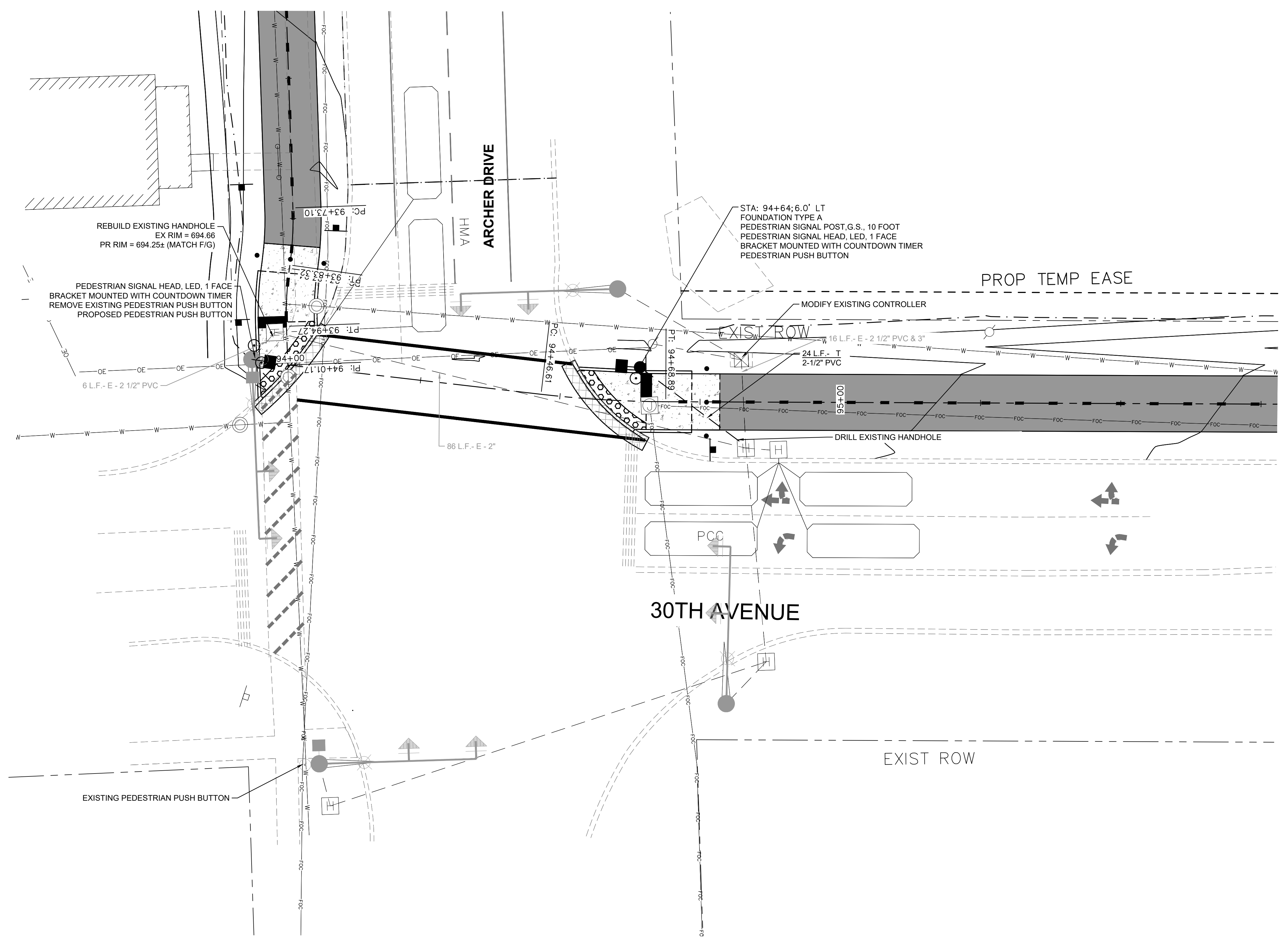
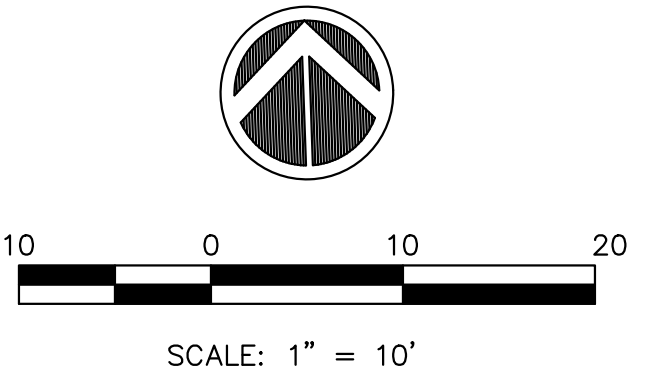
UTILITY NOTES

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2. SEE RETAINING WALL PLANS FOR PIPE UNDERDRAINS LOCATIONS.
3. PROPOSED STRUCTURE RIM ADJUSTMENTS SHALL BE ADJUSTED TO FINISHED GRADE.



TRAFFIC SIGNAL LEGEND

EXIST	PROP	
		SERVICE INSTALLATION
		CONTROLLER CABINET
		HANDHOLE
		MAST ARM AND POLE WITH LUMINAIRE
		TRAFFIC SIGNAL POST
		SIGNAL FACE
		SIGNAL FACE WITH BACKPLATE
		PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMERS
		PEDESTRIAN PUSH-BUTTON
		EMERGENCY PREEMPTION
		VIDEO VEHICLE DETECTION SYSTEM
		CONDUIT
		MAST ARM LENGTH
	PVC	POLYVINYL CHLORIDE CONDUIT
	CN	COILABLE, NON-METALLIC CONDUIT
	B	BORED AND PULLED
	T	TRENCHED
	CT	COMMON TRENCHED
		EXISTING CONDUIT LENGTH - CONDUIT SIZE
		PROPOSED CONDUIT LENGTH - METHOD
		CONDUIT SIZE - TYPE
		STATION OFFSET
		STATION OFFSET

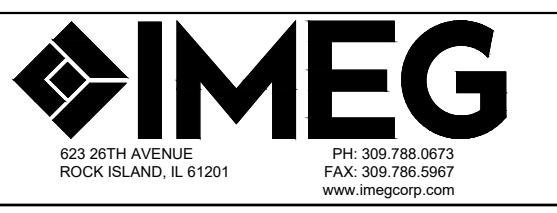


FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

DESIGNED - NWK
DRAWN - NWK
CHECKED - LRR
DATE - 10/30/2020

REVISED - -
REVISED - -
REVISED - -
REVISED - -



**TRAFFIC SIGNAL PLAN
30TH AVE AT ARCHER DR**

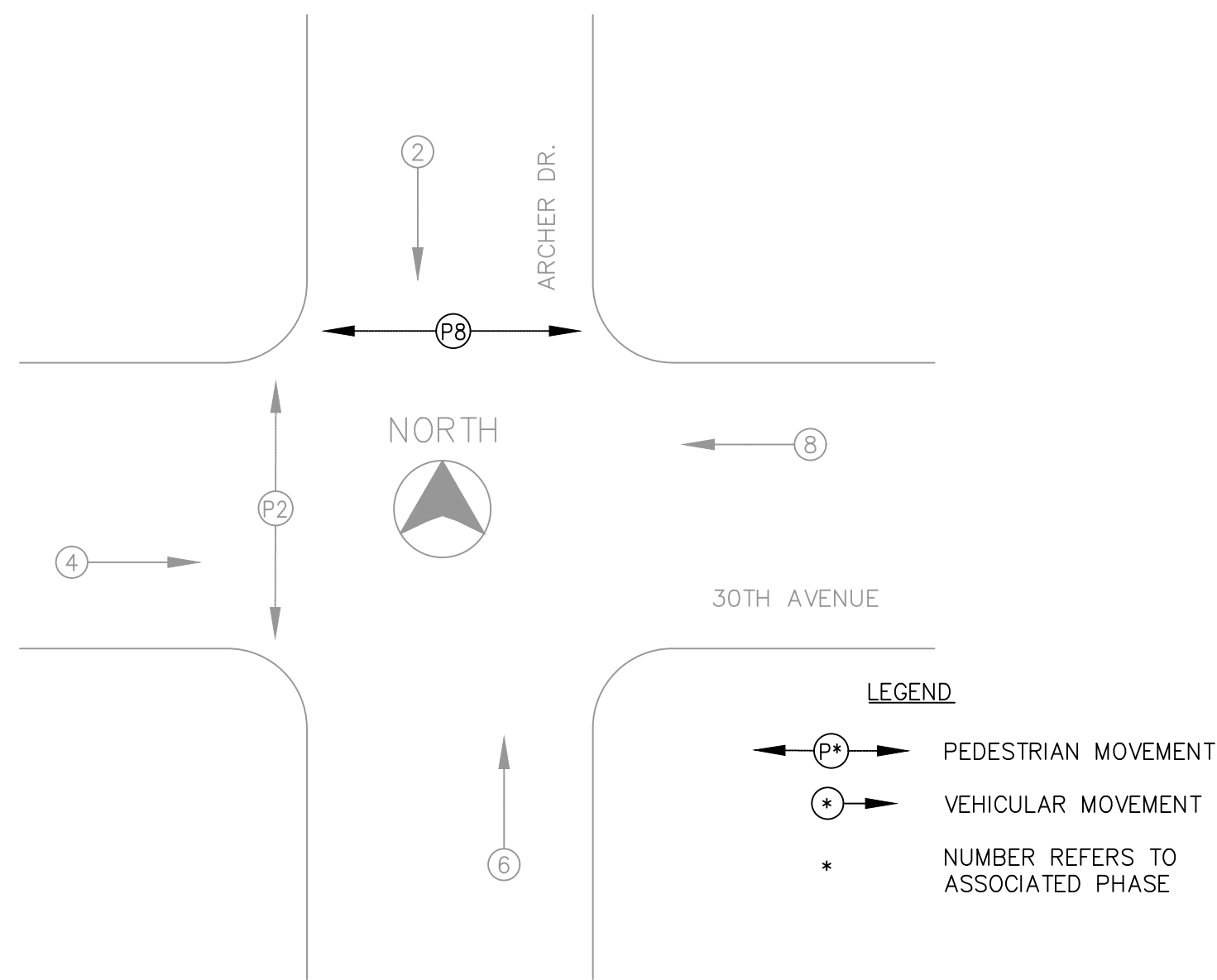
SCALE: SHEET NO. 84 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	TS1

ILLINOIS FED. AID PROJECT

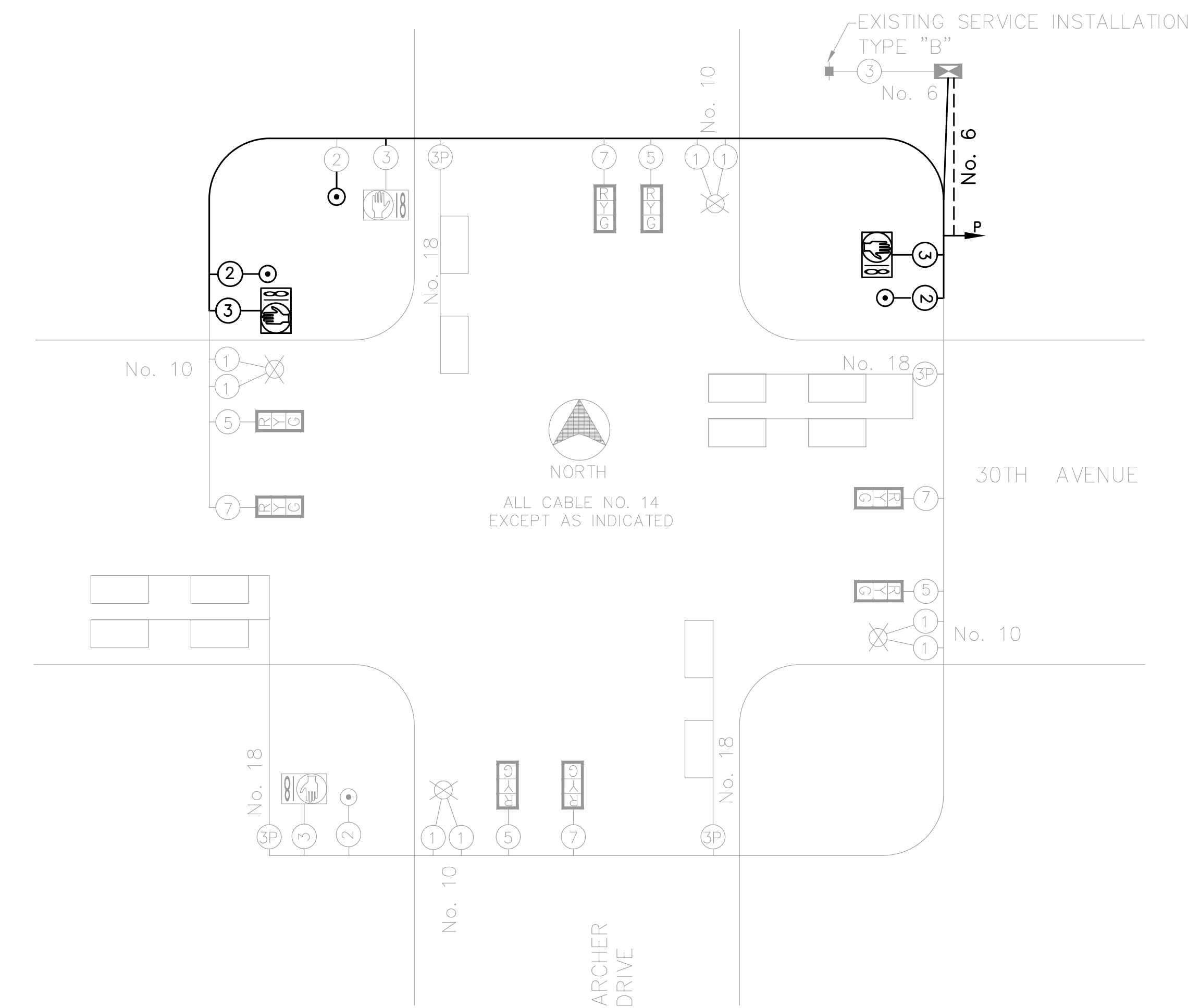
ESTIMATED SUMMARY OF QUANTITIES

SP	Item #	Pay Item Description	Unit	Quantity
	72000100	SIGN PANEL - TYPE 1	SQ FT	1.5
	81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	23
	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	186
	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	200
	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING, NO. 6 1C	FOOT	63
	87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1
	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3
	87900200	DRILL EXISTING HANDHOLE	EACH	1
	88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
	88800100	PEDESTRIAN PUSH-BUTTON	EACH	3
*	89502200	MODIFY EXISTING CONTROLLER	EACH	1
*	89502376	REBUILD EXISTING HANDHOLE	EACH	1
*	X1400031	REMOVE PEDESTRIAN PUSH BUTTON	EACH	1



PHASE DESIGNATION DIAGRAM

No Scale REFER TO IDOT STANDARD 857001



CABLE PLAN LEGEND

EXIST	PROP	
⊕	■	SERVICE INSTALLATION
⊗	⊗	CABLE WITH NO. OF CONDUCTORS. ALL CABLE IS NO. 14 UNLESS AS INDICATED. "P" INDICATES PAIR CABLE
⊠	⊠	SIGNAL HEAD WITH BACKPLATE (12" LENSES)
⊡	⊡	SIGNAL HEAD WITHOUT BACKPLATE (12" LENSES)
⊞	⊞	PEDESTRIAN SIGNAL HEAD W/COUNTDOWN TIMER
⊙	⊙	PEDESTRIAN PUSH-BUTTON
⊞	⊞	CONTROLLER CABINET
⊗	⊗	LUMINAIRE
⊞	⊞	GROUND ROD AT POST (P)
---	---	GROUND WIRE (NO. 6 1C)

THE POSTED SPEED LIMIT ON:
ARCHER DRIVE IS 40 MPH
30TH AVENUE IS 30 MPH

GENERAL NOTES

- ALL SIGNING, STRIPING, TRAFFIC SIGNALS, AND TRAFFIC CONTROL DEVICES DURING CONSTRUCTION SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) CURRENT EDITION.
- NO WORK SHALL BE ALLOWED ON THE TRAFFIC SIGNALS UNTIL ALL NECESSARY COMPONENTS TO COMPLETE INSTALLATION HAVE ARRIVED ON JOB SITE.
- ALL NEW CONSTRUCTION SHALL CONFORM TO THE SPECIFICATIONS OF THE CITY OF EAST MOLINE AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2016.
- EXACT LOCATION OF ALL UTILITIES SHALL BE VERIFIED BY CONTRACTOR BEFORE WORK IS STARTED.
- MATERIAL TYPES SHALL BE AS FOLLOWS: SIGNAL POLES SHALL BE GALVANIZED STEEL, SIGNAL HEADS AND BRACKET ARMS SHALL BE POLYCARBONATE, BRACKET MOUNTED OR MAST ARM MOUNTED.
- PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8' OR MORE THAN 10' ABOVE SIDEWALK LEVEL AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY TO THE CONTROLLED CROSSWALK. EACH PEDESTRIAN PUSH-BUTTON SHALL BE MOUNTED WITH A "PUSH BUTTON FOR GREEN" SIGN, M.U.T.C.D. R10-4 (9" X 12"). BUTTONS MUST BE LOCATED WITHIN 10-INCH HORIZONTAL REACH OF SIDEWALK EDGE AND SHALL BE MOUNTED IN ACCORDANCE WITH SECTION 4E.08 OF THE M.U.T.C.D. THE PUSH BUTTON-SIGN SHALL BE PAID FOR AS SIGN PANEL-TYPE 1.
- CONTRACTOR SHALL CONTACT THE MAINTAINING AGENCY AT LEAST A WEEK PRIOR TO CONSTRUCTION AT THE TRAFFIC SIGNALS. THE ARCHER INTERSECTION IS MAINTAINED BY EAST MOLINE (CONTACT TIM KAMMLER 309-752-1595). THE 19TH STREET INTERSECTION IS ON IDOT SYSTEM BUT MAINTAINED BY CITY OF SILVIS (CONTACT JIM GRAFTON 309-792-9181).

CABLE PLAN

No Scale

FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR

DESIGNED -- NWK

REVISED --

PLOT SCALE =

DRAWN -- NWK

REVISED --

PLOT DATE = 10/30/2020

CHECKED -- LRR

REVISED --

DATE -- 10/30/2020

REVISED --



823 20TH AVENUE
ROCK ISLAND, IL 61201

PH: 309 788 0873
FAX: 309 788 0867
www.imegcorp.com

**TRAFFIC SIGNAL CABLE PLAN
30TH AVE AT ARCHER DR**

SCALE: SHEET NO. 85 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	TS2

ILLINOIS FED. AID PROJECT

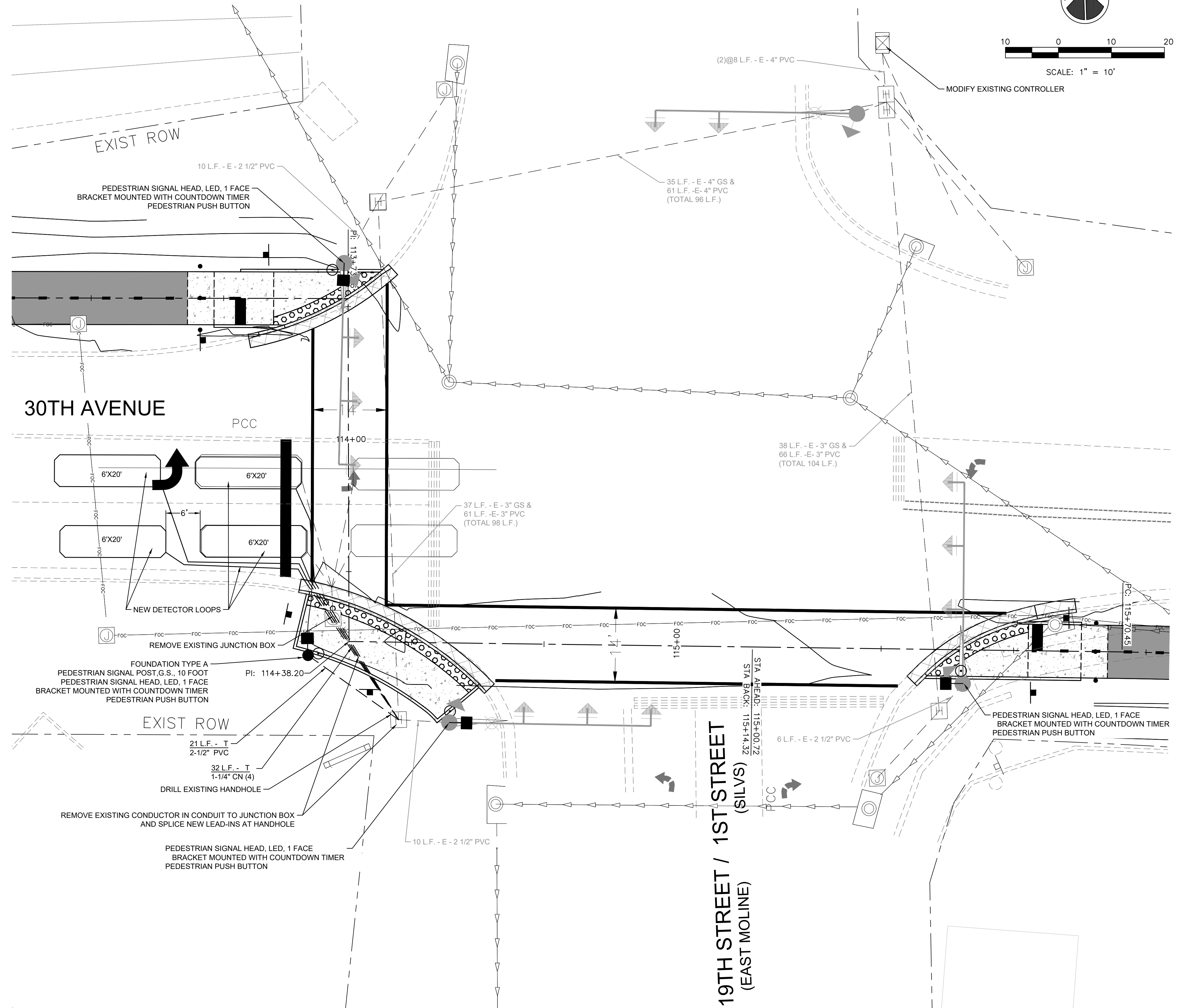


SCALE: 1" = 10'

TRAFFIC SIGNAL LEGEND

EXIST	PROP	
		SERVICE INSTALLATION
		CONTROLLER CABINET
		HANDHOLE
		MAST ARM AND POLE WITH LUMINAIRE
		TRAFFIC SIGNAL POST
		SIGNAL FACE
		SIGNAL FACE WITH BACKPLATE
		PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMERS
		PEDESTRIAN PUSH-BUTTON
		EMERGENCY PREEMPTION
		VIDEO VEHICLE DETECTION SYSTEM
		CONDUIT
		MAST ARM LENGTH
GS	GS	GALVANIZED STEEL
PVC	PVC	POLYVINYL CHLORIDE CONDUIT
CN	CN	COILABLE, NON-METALLIC CONDUIT
	B	BORED AND PULLED
	T	TRENCHED
	CT	COMMON TRENCHED
LENGTH-E-SIZE		EXISTING CONDUIT LENGTH - CONDUIT SIZE
LENGTH METHOD SIZE TYPE		PROPOSED CONDUIT LENGTH - METHOD CONDUIT SIZE - TYPE
STA OFF		STATION OFFSET

NOTE: ALL STA & OFFSETS ARE FROM SHARED USE PATH CENTERLINE

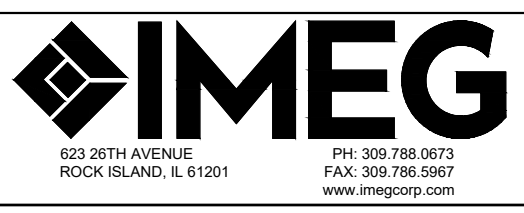


FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR

DESIGNED - NWK
DRAWN - NWK

REVISED - -
REVISED - -
CHECKED - LRR
REVISED - -
PLOT DATE = 10/30/2020
DATE - 10/30/2020
REVISED - -

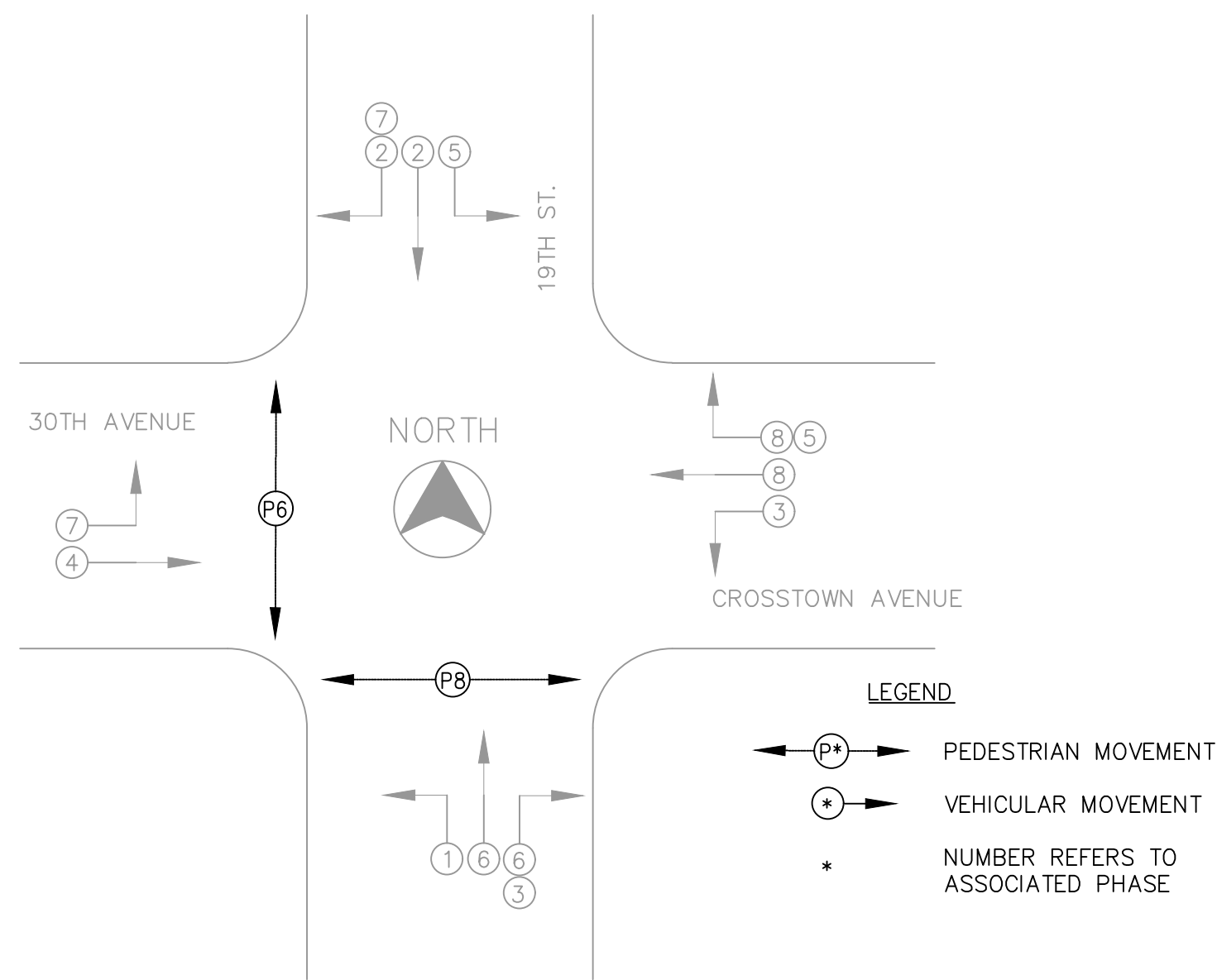


TRAFFIC SIGNAL PLAN 30TH AVE AT 19TH ST

SCALE: SHEET NO. 86 OF 178 SHEETS

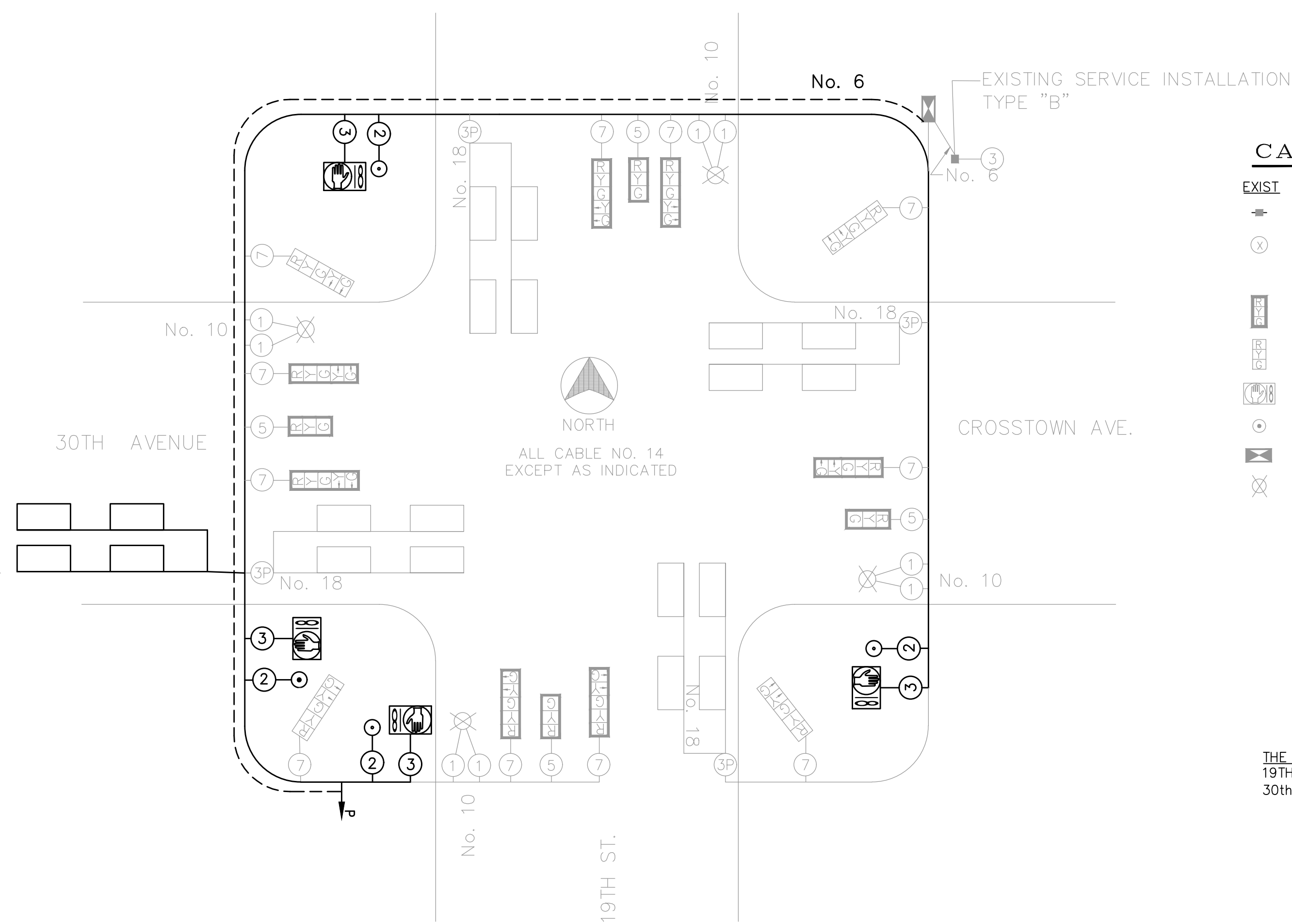
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	TS3

ILLINOIS FED. AID PROJECT



PHASE DESIGNATION DIAGRAM

No Scale REFER TO IDOT STANDARD 857001



CABLE PLAN

No Scale

ESTIMATED SUMMARY OF QUANTITIES

SP	Code #	Description	Unit	Quantity
	72000100	SIGN PANEL - TYPE 1	SQ FT	3
	81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	21
	81028730	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1-1/4"	FOOT	128
	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	794
	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	822
	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING, NO. 6 1C	FOOT	258
	87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1
	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3
	87900200	DRILL EXISTING HANDHOLE	EACH	1
	88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	3 (EM) - 1 (SILVIS)
	88600100	DETECTOR LOOP, TYPE 1	FOOT	311
	88800100	PEDESTRIAN PUSH-BUTTON	EACH	4
*	89502200	MODIFY EXISTING CONTROLLER	EACH	1
*	X8130125	REMOVE EXISTING JUNCTION BOX	EACH	1

GENERAL NOTES

- ALL SIGNING, STRIPING, TRAFFIC SIGNALS, AND TRAFFIC CONTROL DEVICES DURING CONSTRUCTION SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) CURRENT EDITION.
- NO WORK SHALL BE ALLOWED ON THE TRAFFIC SIGNALS UNTIL ALL NECESSARY COMPONENTS TO COMPLETE INSTALLATION HAVE ARRIVED ON JOB SITE.
- ALL NEW CONSTRUCTION SHALL CONFORM TO THE SPECIFICATIONS OF THE CITY OF EAST MOLINE AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2016.
- EXACT LOCATION OF ALL UTILITIES SHALL BE VERIFIED BY CONTRACTOR BEFORE WORK IS STARTED.
- EXACT LOCATION OF ANY NEW DETECTOR LOOPS SHALL BE DETERMINED IN FIELD BY ENGINEER.
- DETECTOR LOOP CABLE FROM END OF SAWCUT TO SPLICE IN HAND HOLE SHALL BE CONSIDERED INCLUDED IN COST OF DETECTOR LOOP.
- EACH DETECTOR LOOP SHALL HAVE AN INDIVIDUAL CONDUIT STUB.
- MATERIAL TYPES SHALL BE AS FOLLOWS: SIGNAL POLES SHALL BE GALVANIZED STEEL, SIGNAL HEADS AND BRACKET ARMS SHALL BE POLYCARBONATE, BRACKET MOUNTED OR MAST ARM MOUNTED.
- PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8' OR MORE THAN 10' ABOVE SIDEWALK LEVEL AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY TO THE CONTROLLED CROSSWALK. EACH PEDESTRIAN PUSH-BUTTON SHALL BE MOUNTED WITH A "PUSH BUTTON FOR GREEN" SIGN, M.U.T.C.D. R10-4 (9" X 12"). BUTTONS MUST BE LOCATED WITHIN 10-INCH HORIZONTAL REACH OF SIDEWALK EDGE AND SHALL BE MOUNTED IN ACCORDANCE WITH SECTION 4E.08 OF THE M.U.T.C.D. THE PUSH BUTTON-SIGN SHALL BE PAID FOR AS SIGN PANEL-TYPE 1.
- CONTRACTOR SHALL CONTACT THE MAINTAINING AGENCY AT LEAST A WEEK PRIOR TO CONSTRUCTION AT THE TRAFFIC SIGNALS. THE ARCHER INTERSECTION IS MAINTAINED BY EAST MOLINE (CONTACT TIM KAMMLER 309-752-1595). THE 19TH STREET INTERSECTION IS ON IDOT SYSTEM BUT MAINTAINED BY CITY OF SILVIS (CONTACT JIM GRAFTON 309-792-9181).

FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR

DESIGNED - NWK

REVISED - .

PLOT SCALE =

DRAWN - NWK

REVISED - .

PLOT DATE = 10/30/2020

CHECKED - LRR

REVISED - .

DATE - 10/30/2020

REVISED - .



823 20TH AVENUE
ROCK ISLAND, IL 61201
PH: 309.788.0873
FAX: 309.786.5967
www.imegcorp.com

**TRAFFIC SIGNAL CABLE PLAN
30TH AVE AT 19TH ST**

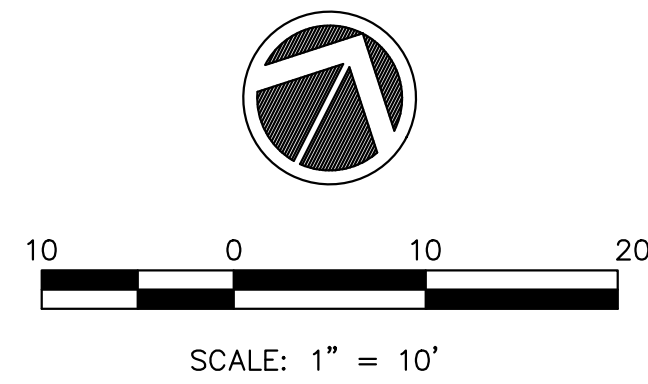
SCALE: SHEET NO. 87 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	TS4

ILLINOIS FED. AID PROJECT

LEGEND:

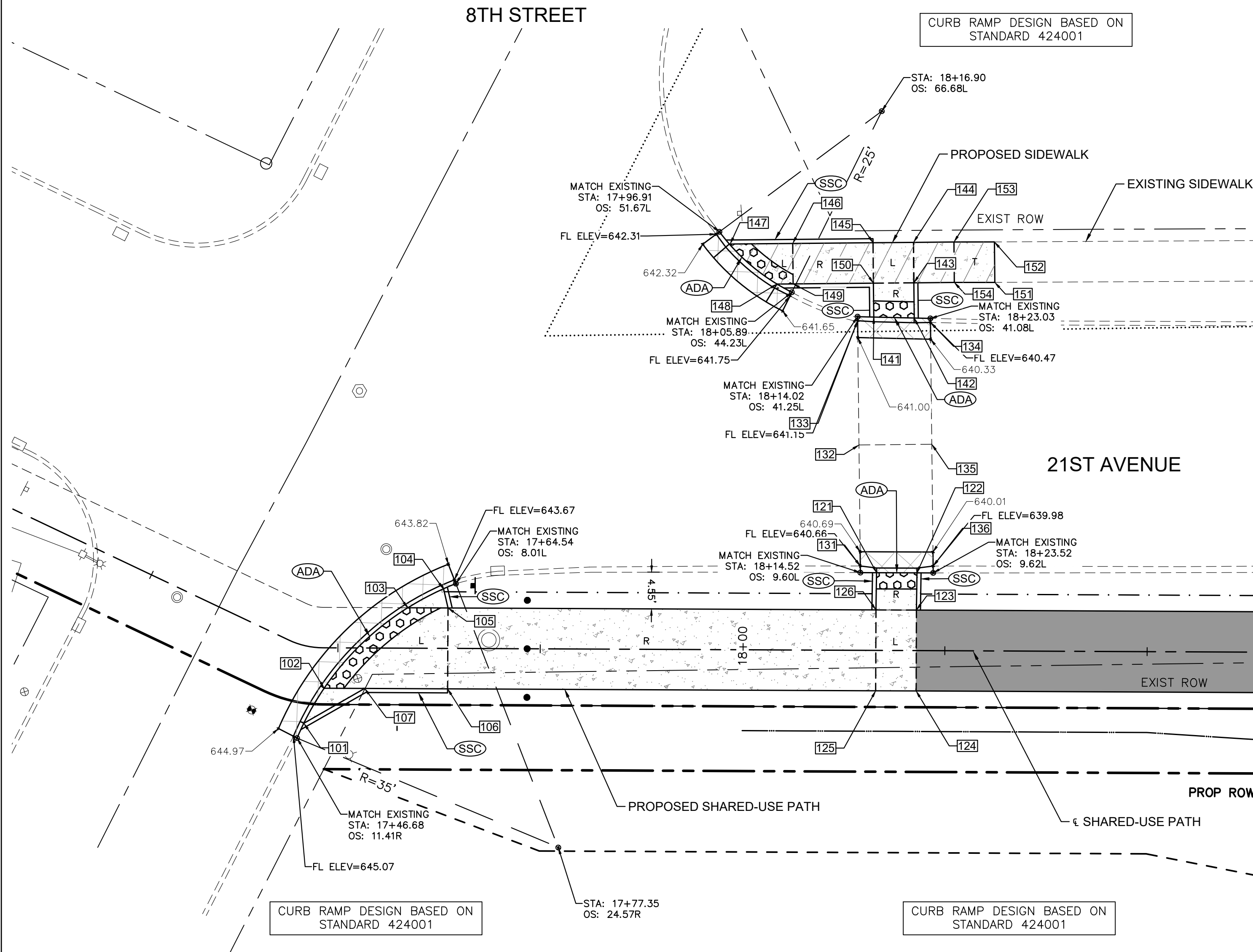
- ADA = PROPOSED ADA DEPRESSED CURB
- SSC = PROPOSED 6" WIDE CONC SIDEWALK SIDE CURB
- R = PROPOSED RAMP
- L = PROPOSED LANDING
- T = PROPOSED TEMPORARY PANEL SEE NOTE 4
- ②②⑦ = SIDEWALK ELEVATION POINT LOCATION & NUMBER: LOCATION 01
- 682.73 = PAVEMENT ELEVATION POINT & ELEVATION
- = GRADE REFERENCE LINE
- 1.00% = SLOPE



GENERAL NOTES:

1. ALL SPOT GRADES ARE TOP / EDGE OF PAVEMENT, SIDEWALK BREAKS, TOP / EDGE OF SIDEWALK, AND TOP OF DRIVEWAYS UNLESS NOTED OTHERWISE.
2. ALL ADA RAMPS SHALL HAVE A 1/2" DEPRESSED CURB AND 5% MAX GUTTER SLOPE PER STANDARD 606001.
3. INCLUDE ALL COST FOR 6" WIDE CONCRETE SIDEWALK SIDE CURBS IN THE SIDEWALK UNIT PRICE BID AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
4. TEMPORARY SIDEWALK AREAS ARE DESIGNATED WITH A "T". THESE TEMPORARY AREAS WILL BE REMOVED & REPLACED IN THE FUTURE AS PART OF THE CITY OF EAST MOLINE SIDEWALK TRANSITION PLAN.
5. LANDING (UPPER & LOWER) AND TURNING AREAS ARE DESIGNATED WITH A "L".
6. UNLESS NOTED OTHERWISE, THE PROPOSED PAVEMENT LAYOUT POINTS ARE AT THE PROPOSED BACK OF CURB.

SEE STD 424001 FOR 2' DETECTABLE WARNING DETAIL



GRAND ILLINOIS TRAIL - SIDEWALK COMPLIANCE TABLE
8th Street at 21st Avenue

Point	Station	Offset FEET	Elevation FEET	Point to Point	Sidewalk Designation	Distance	Δ Elevation	Slope	Legally Acceptable Range	Remarks
						FT	FT	%	Pos. or Neg.	
8TH ST RT, SOUTH SIDE:										
101	17+46.96	9.48	644.28	101 102	Crosswalk Cross Slope - No Yield Condition	5.00	-0.08	-1.6%	0.0% to 5.0%	BOC
102	17+48.33	5.00	644.20	102 103	Crosswalk Cross Slope - Yield Condition	14.46	-0.21	-1.5%	0.0% to 2.0%	BOC
103	17+58.62	-5.00	643.99	103 104	Crosswalk Cross Slope - No Yield Condition	5.00	-0.07	-1.4%	0.0% to 5.0%	BOC
104	17+62.99	-7.35	643.92	104 105	Landing/Turning Space	2.43	0.03	1.2%	0.1% to 2.0%	
105	17+63.59	-5.00	643.95	105 106	Landing/Turning Space	10.00	0.15	1.5%	0.1% to 2.0%	
106	17+63.58	5.00	644.10	106 107	Landing/Turning Space	10.25	0.05	0.5%	0.1% to 2.0%	
107	17+53.33	5.00	644.15	107 101	Landing/Turning Space	8.66	0.13	1.5%	0.1% to 2.0%	
				102 107	Landing/Turning Space	5.00	-0.05	-1.0%	0.1% to 2.0%	
				103 105	Landing/Turning Space	5.00	-0.04	-0.8%	0.1% to 2.0%	
				105 126	Ramp Running Slope	52.88	-3.04	-5.7%	0.5% to 8.3%	
				106 125	Ramp Running Slope	52.90	-3.04	-5.7%	0.5% to 8.3%	
21ST AV RT, SOUTH SIDE:										
121	18+16.52	-9.61	640.67	121 122	Crosswalk Cross Slope - Yield Condition	5.00	-0.08	-1.6%	0.0% to 2.0%	BOC
122	18+21.52	-9.61	640.59	122 123	Ramp Running Slope	4.61	0.25	5.4%	0.5% to 8.3%	
123	18+21.47	-5.00	640.84	123 124	Landing/Turning Space	10.00	0.15	1.5%	0.1% to 2.0%	
124	18+21.48	5.00	640.99	124 125	Landing/Turning Space	5.00	0.07	1.4%	0.1% to 2.0%	
125	18+16.48	5.00	641.06	125 126	Landing/Turning Space	10.00	-0.15	-1.5%	0.1% to 2.0%	
126	18+16.47	-5.00	640.91	126 121	Ramp Running Slope	4.61	-0.24	-5.2%	0.5% to 8.3%	
				123 126	Landing/Turning Space	5.00	0.07	1.4%	0.1% to 2.0%	
21ST AV RT & LT, CROSSWALK:										
131	18+14.50	-10.43	640.66	131 132	Sidewalk Running Slope	14.96	0.18	1.2%	0.5% to 5.0%	EX PVT ELEV
132	18+14.27	-25.38	640.84	132 133	Sidewalk Running Slope	15.37	0.31	2.0%	0.5% to 5.0%	EX PVT ELEV
133	18+14.03	-40.75	641.15	133 134	Crosswalk Cross Slope - Yield Condition	9.00	-1.14	-12.7%	0.0% to 2.0%	EX PVT ELEV FL
134	18+23.04	-40.58	640.01	134 135	Sidewalk Running Slope	15.06	0.70	4.6%	0.5% to 5.0%	EX PVT ELEV
135	18+23.27	-25.52	640.71	135 136	Sidewalk Running Slope	15.91	-0.19	-1.2%	0.5% to 5.0%	EX PVT ELEV
136	18+23.50	-10.47	640.52	136 131	Crosswalk Cross Slope - No Yield Condition	9.00	0.14	1.6%	0.0% to 5.0%	EX PVT ELEV FL
				132 135	Crosswalk Cross Slope - No Yield Condition	9.00	-0.13	-1.4%	0.0% to 5.0%	EX PVT ELEV
21ST AV LT, NORTH SIDE:										
141	18+16.05	-41.21	640.98	141 142	Crosswalk Cross Slope - Yield Condition	5.00	-0.08	-1.6%	0.0% to 2.0%	BOC
142	18+21.03	-41.12	640.90	142 143	Ramp Running Slope	4.35	-0.06	-1.4%	0.5% to 8.3%	
143	18+20.96	-45.47	640.84	143 144	Landing/Turning Space	5.00	-0.01	-0.2%	0.1% to 2.0%	
144	18+20.89	-50.47	640.83	144 145	Landing/Turning Space	5.00	0.09	1.8%	0.1% to 2.0%	
145	18+15.89	-50.41	640.92	145 146	Ramp Running Slope	9.92	0.81	8.2%	0.5% to 8.3%	
146	18+05.97	-50.27	641.73	146 147	Landing/Turning Space	7.73	0.12	1.6%	0.1% to 2.0%	
147	17+98.13	-50.16	641.85	147 148	Crosswalk Cross Slope - No Yield Condition	7.72	-0.12	-1.6%	0.0% to 5.0%	BOC
148	18+45.27	-45.24	641.73	148 149	Landing/Turning Space	2.00	-0.03	-1.5%	0.1% to 2.0%	
149	18+16.04	-45.27	641.70	149 150	Ramp Running Slope	9.92	-0.81	-8.2%	0.5% to 8.3%	
150	18+15.96	-45.40	640.89	150 141	Ramp Running Slope	4.19	0.09	2.1%	0.5% to 8.3%	
151	18+30.96	-45.57	640.41	151 152	Match Existing Cross Slope	5.00	0.25	5.1%	Match Existing	
152	18+30.89	-50.57	640.66	152 153	Sidewalk Running Slope	5.00	0.08	1.5%	0.5% to 5.0%	EXISTING
153	18+25.89	-50.54	640.74	153 154	Sidewalk Cross Slope	5.00	-0.09	-1.8%	0.5% to 2.0%	
154	18+25.96	-45.54	640.65	154 151	Sidewalk Running Slope	5.00	-0.24	-4.8%	0.5% to 5.0%	
				143 154	Sidewalk Running Slope	5.00	-0.19	-3.8%	0.5% to 5.0%	
				145 150	Sidewalk Cross Slope	5.00	-0.03	-0.6%	0.5% to 2.0%	
				144 153	Ramp Cross Slope	5.00	-0.09	-1.8%	0.1% to 2.0%	
				146 149	Landing/Turning Space	5.00	-0.03	-0.6%	0.1% to 2.0%	

**PAVEMENT & SHARED-USE PATH ELEVATIONS
STA. 18+12, 21ST AVENUE**

21ST AVE = STOP CONDITION
8TH ST = FREE FLOW

FILE NAME = 18000211.00/ CEM #001-2018	USER NAME = PAR	DESIGNED — NWK	REVISED — .
		DRAWN — NWK	REVISED — .
	PLOT SCALE =	CHECKED — LRR	REVISED — .
	PLOT DATE = 10/30/2020	DATE — 10/30/2020	REVISED — .



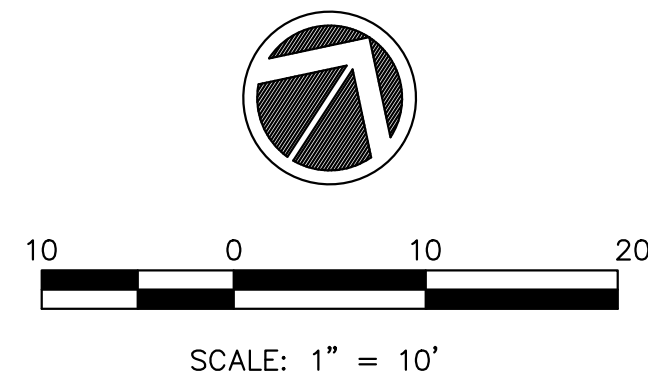
ADA DETAILS

SCALE: SHEET NO. 88 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	ADA1
ILLINOIS FED. AID PROJECT				

LEGEND:

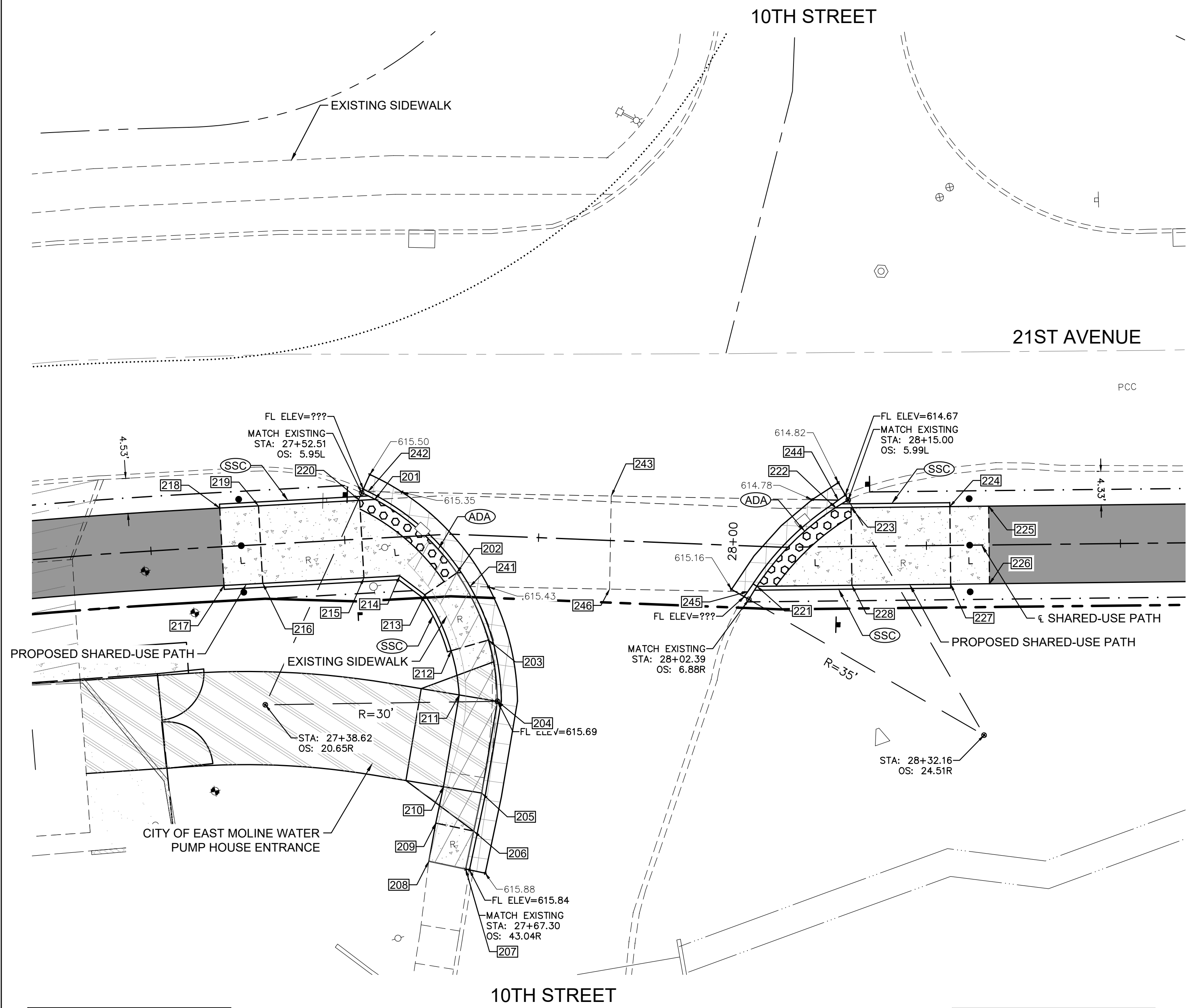
- ADA = PROPOSED ADA DEPRESSED CURB
- SSC = PROPOSED 6" WIDE CONC SIDEWALK SIDE CURB
- R = PROPOSED RAMP
- L = PROPOSED LANDING
- T = PROPOSED TEMPORARY PANEL SEE NOTE 4
- 227 = SIDEWALK ELEVATION POINT LOCATION & NUMBER: LOCATION 01
- 682.73 = PAVEMENT ELEVATION POINT & ELEVATION
- = GRADE REFERENCE LINE
- 1.00% = SLOPE



GENERAL NOTES:

1. ALL SPOT GRADES ARE TOP / EDGE OF PAVEMENT, SIDEWALK BREAKS, TOP / EDGE OF SIDEWALK, AND TOP OF DRIVEWAYS UNLESS NOTED OTHERWISE.
2. ALL ADA RAMPS SHALL HAVE A 1/2" DEPRESSED CURB AND 5% MAX GUTTER SLOPE PER STANDARD 606001.
3. INCLUDE ALL COST FOR 6" WIDE CONCRETE SIDEWALK SIDE CURBS IN THE SIDEWALK UNIT PRICE BID AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
4. TEMPORARY SIDEWALK AREAS ARE DESIGNATED WITH A "T". THESE TEMPORARY AREAS WILL BE REMOVED & REPLACED IN THE FUTURE AS PART OF THE CITY OF EAST MOLINE SIDEWALK TRANSITION PLAN.
5. LANDING (UPPER & LOWER) AND TURNING AREAS ARE DESIGNATED WITH A "L".
6. UNLESS NOTED OTHERWISE, THE PROPOSED PAVEMENT LAYOUT POINTS ARE AT THE PROPOSED BACK OF CURB.

SEE STD 424001 FOR 2' DETECTABLE WARNING DETAIL



CURB RAMP DESIGN BASED ON STANDARD 424001

CURB RAMP DESIGN BASED ON STANDARD 424001

**PAVEMENT & SHARED-USE PATH ELEVATIONS
STA. 27+84, 21ST AVENUE & 10TH STREET INTERSECTION**

ALL-WAY STOP INTERSECTION

GRAND ILLINOIS TRAIL - SIDEWALK COMPLIANCE TABLE
10th Street at 21st Avenue

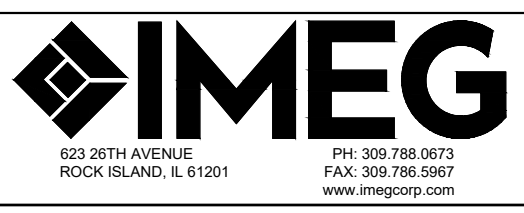
Point	Station	Offset FEET	Elevation FEET	Point to Point	Sidewalk Designation	Distance	Δ Elevation	Slope	Legally Acceptable Range	Remarks
						FT	FT	%	Pos. or Neg.	
10TH ST RT, WEST SIDE:										
201	27+54.19	-5.00	615.45	201 202	Crosswalk Cross Slope - Yield Condition	14.30	-0.02	-0.1%	0.0% to 2.0%	BOC
202	27+64.66	4.96	615.43	202 203	Ramp Running Slope	9.60	0.14	1.5%	0.5% to 8.3%	
203	27+69.07	13.44	615.57	203 204	Sidewalk Running Slope	8.00	0.12	1.5%	0.5% to 5.0%	
204	27+70.55	21.28	615.69	204 205	Sidewalk Running Slope	12.00	0.18	1.5%	0.5% to 5.0%	
205	27+68.99	33.18	615.87	205 206	Sidewalk Running Slope	5.00	0.08	1.6%	0.5% to 5.0%	
206	27+68.14	38.11	615.95	206 207	Ramp Running Slope	5.00	0.07	1.4%	0.5% to 8.3%	
207	27+67.30	43.04	616.02	207 208	Match Existing Cross Slope	4.85	0.02	0.4%	Match Existing	MATCH EXIST
208	27+58.54	41.93	616.04	208 209	Ramp Running Slope	5.00	-0.07	-1.4%	0.5% to 8.3%	
209	27+59.70	37.07	615.97	209 210	Sidewalk Running Slope	4.78	-0.07	-1.5%	0.5% to 5.0%	
210	27+60.95	32.45	615.90	210 211	Sidewalk Running Slope	12.00	-0.17	-1.4%	0.5% to 5.0%	
211	27+65.59	20.66	615.73	211 212	Sidewalk Running Slope	5.80	-0.13	-2.2%	0.5% to 5.0%	
212	27+62.90	15.01	615.60	212 213	Ramp Running Slope	8.00	-0.09	-1.1%	0.5% to 8.3%	
213	27+59.91	7.63	615.51	213 214	Landing/Turning Space	4.05	0.07	1.7%	0.1% to 2.0%	
214	27+56.83	5.00	615.58	214 215	Landing/Turning Space	4.62	0.05	1.1%	0.1% to 2.0%	
215	27+52.20	5.00	615.63	215 216	Ramp Running Slope	13.06	0.81	6.2%	0.5% to 8.3%	
216	27+39.14	5.00	616.44	216 217	Landing/Turning Space	5.00	0.07	1.4%	0.1% to 2.0%	
217	27+34.14	5.00	616.51	217 218	Landing/Turning Space	10.00	-0.15	-1.5%	0.1% to 2.0%	
218	27+34.14	-5.00	616.36	218 219	Landing/Turning Space	5.00	-0.07	-1.4%	0.1% to 2.0%	
219	27+39.14	-5.00	616.29	219 220	Ramp Running Slope	13.06	-0.81	-6.2%	0.5% to 8.3%	
220	27+52.20	-5.00	615.48	220 201	Landing/Turning Space	1.98	-0.03	-1.5%	0.1% to 2.0%	
				202 213	Sidewalk Cross Slope	5.00	0.08	1.6%	0.5% to 2.0%	
				203 212	Sidewalk Cross Slope	5.00	0.03	0.6%	0.5% to 2.0%	
				204 211	Sidewalk Cross Slope	5.00	0.04	0.8%	0.5% to 2.0%	
				205 210	Landing/Turning Space	5.00	0.03	0.6%	0.1% to 2.0%	
				206 209	Ramp Cross Slope	5.00	0.02	0.4%	0.1% to 2.0%	
				215 220	Landing/Turning Space	10.00	-0.15	-1.5%	0.1% to 2.0%	
				216 219	Landing/Turning Space	10.00	-0.15	-1.5%	0.1% to 2.0%	
				217 218	Landing/Turning Space	10.00	-0.15	-1.5%	0.1% to 2.0%	
10TH ST RT, CROSSWALK:										
241	27+66.61	6.64	615.43	241 242	Crosswalk Cross Slope - Yield Condition	18.22	0.02	0.1%	0.0% to 2.0%	EX PVT ELEV FL
242	27+52.71	-6.39	615.45	242 243	Sidewalk Running Slope	31.33	0.00	0.0%	0.5% to 5.0%	EX PVT ELEV FL
243	27+84.15	-5.73	615.45	243 244	Sidewalk Running Slope	29.27	-0.66	-2.3%	0.5% to 5.0%	EX PVT ELEV
244	28+13.72	-6.00	614.79	244 245	Crosswalk Cross Slope - Yield Condition	14.65	0.25	1.7%	0.0% to 2.0%	EX PVT ELEV FL
245	28+02.21	5.89	615.04	245 246	Sidewalk Running Slope	17.80	0.37	2.1%	0.5% to 5.0%	EX PVT ELEV FL
246	27+84.41	6.26	615.41	246 241	Sidewalk Running Slope	17.99	0.02	0.1%	0.5% to 5.0%	EX PVT ELEV
				243 246	Crosswalk Cross Slope - Yield Condition	12.00	-0.04	-0.3%	0.0% to 2.0%	EX PVT ELEV
10TH ST RT, EAST SIDE:										
221	28+03.36	5.00	614.98	221 222	Crosswalk Cross Slope - Yield Condition	14.41	-0.23	-1.6%	0.0% to 2.0%	BOC
222	28+13.34	-5.00	614.75	222 223	Landing/Turning Space	2.00	-0.02	-1.0%	0.1% to 2.0%	
223	28+15.34	-5.00	614.73	223 224	Ramp Running Slope	12.73	-0.11	-0.9%	0.5% to 8.3%	
224	28+28.07	-5.00	614.62	224 225	Landing/Turning Space	5.00	0.03	0.6%	0.1% to 2.0%	
225	28+33.02	-5.00	614.65	225 226	Landing/Turning Space	10.00	0.15	1.5%	0.1% to 2.0%	
226	28+33.07	5.00	614.80	226 227	Landing/Turning Space	5.00	-0.03	-0.6%	0.1% to 2.0%	
227	28+28.07	5.00	614.77	227 228	Ramp Running Slope	12.73	0.10	0.8%	0.5% to 8.3%	
228	28+15.34	5.00	614.87	228 221	Landing/Turning Space	12.24	0.11	0.9%	0.1% to 2.0%	
				223 228	Landing/Turning Space	10.00	0.14	1.4%	0.1% to 2.0%	
				224 227	Landing/Turning Space	10.00	0.15	1.5%	0.1% to 2.0%	

FILE NAME = 18000211.00/CEM #001-2018

USER NAME = PAR

DESIGNED - NWK

REVISED - -



ADA DETAILS

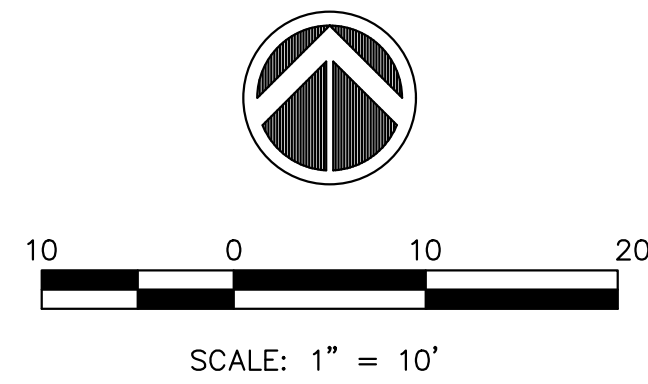
SCALE: SHEET NO. 89 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	ADA2

ILLINOIS FED. AID PROJECT

LEGEND:

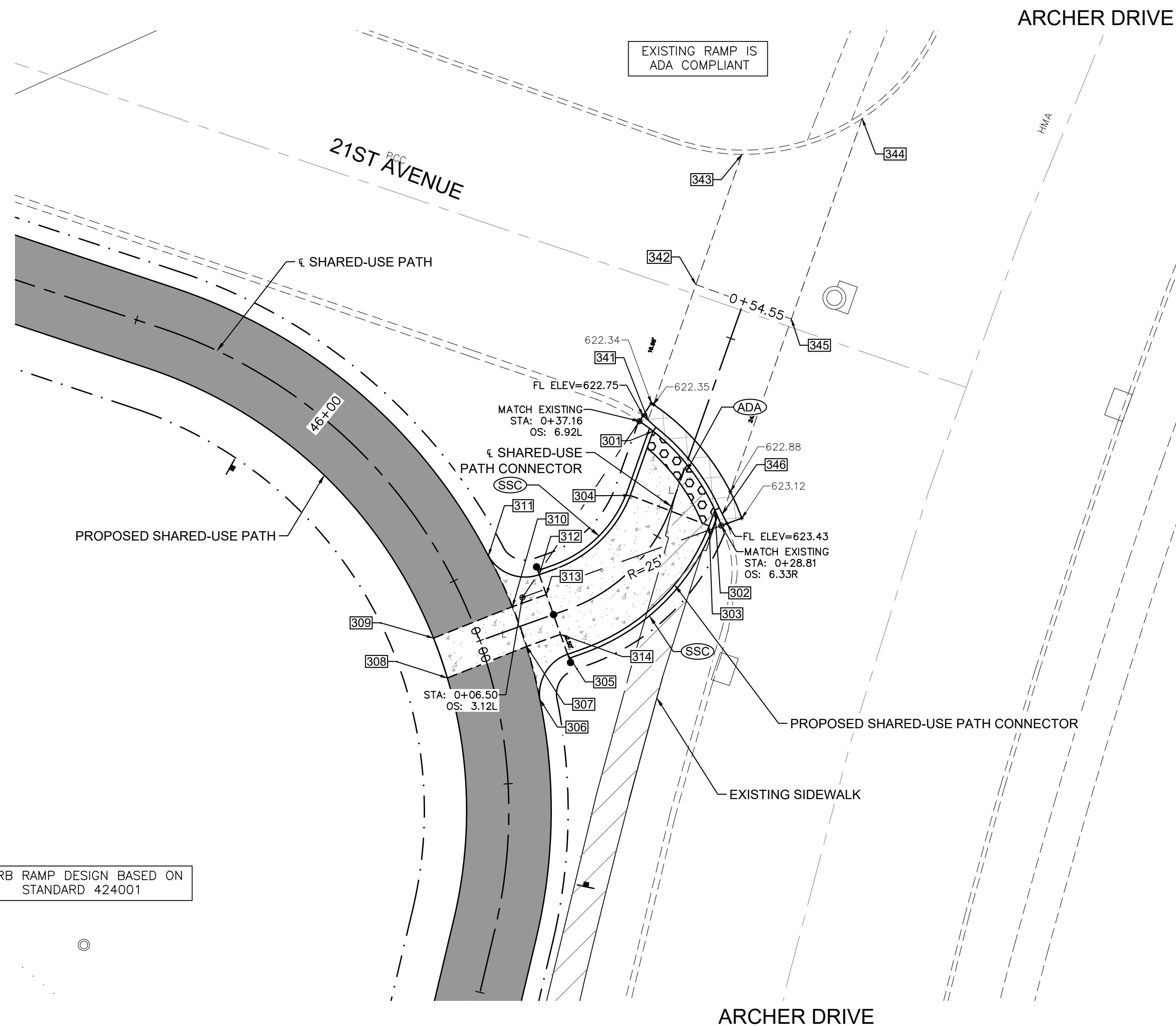
- ADA = PROPOSED ADA DEPRESSED CURB
- SSC = PROPOSED 6" WIDE CONC SIDEWALK SIDE CURB
- R = PROPOSED RAMP
- L = PROPOSED LANDING
- T = PROPOSED TEMPORARY PANEL SEE NOTE 4
- 227 = SIDEWALK ELEVATION POINT LOCATION & NUMBER: LOCATION 01
- 682.73 = PAVEMENT ELEVATION POINT & ELEVATION
- = GRADE REFERENCE LINE
- 1.00% = SLOPE



GENERAL NOTES:

1. ALL SPOT GRADES ARE TOP / EDGE OF PAVEMENT, SIDEWALK BREAKS, TOP / EDGE OF SIDEWALK, AND TOP OF DRIVEWAYS UNLESS NOTED OTHERWISE.
2. ALL ADA RAMPS SHALL HAVE A 1/2" DEPRESSED CURB AND 5% MAX GUTTER SLOPE PER STANDARD 606001.
3. INCLUDE ALL COST FOR 6" WIDE CONCRETE SIDEWALK SIDE CURBS IN THE SIDEWALK UNIT PRICE BID AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
4. TEMPORARY SIDEWALK AREAS ARE DESIGNATED WITH A "T". THESE TEMPORARY AREAS WILL BE REMOVED & REPLACED IN THE FUTURE AS PART OF THE CITY OF EAST MOLINE SIDEWALK TRANSITION PLAN.
5. LANDING (UPPER & LOWER) AND TURNING AREAS ARE DESIGNATED WITH A "L".
6. UNLESS NOTED OTHERWISE, THE PROPOSED PAVEMENT LAYOUT POINTS ARE AT THE PROPOSED BACK OF CURB.

SEE STD 424001 FOR 2' DETECTABLE WARNING DETAIL



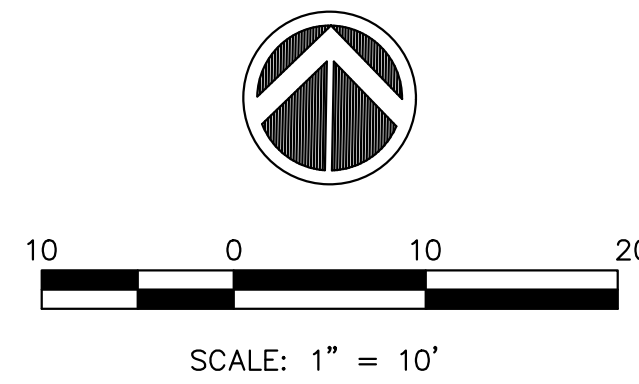
**PAVEMENT & SHARED-USE PATH ELEVATIONS
STA. 46+35, 21ST AVENUE & ARCHER DRIVE INTERSECTION**

GRAND ILLINOIS TRAIL - SIDEWALK COMPLIANCE TABLE										
21st Avenue at Archer Drive										
Point	Station	Offset FEET	Elevation FEET	Point to Point	Sidewalk Designation	Distance	Δ Elevation	Slope	Legally Acceptable Range	Remarks
						FT	FT	%	Pos. or Neg.	
21ST AV RT. SOUTH SIDE:										
301	46+21.53	-29.17	623.17	301 302	Crosswalk Cross Slope - Yield Condition	11.96	-0.04	-0.3%	0.0% to 2.0%	BOC
302	46+29.25	-31.55	623.13	302 303	Landing/Turning Space	2.00	0.01	0.5%	0.1% to 2.0%	BOC
303	46+30.23	-30.23	623.14	303 304	Landing/Turning Space	10.00	0.15	1.5%	0.1% to 2.0%	
304	46+25.29	-23.18	623.29	304 301	Landing/Turning Space	7.63	-0.12	-1.6%	0.1% to 2.0%	
305	46+37.02	-9.47	623.27	305 306	Landing/Turning Space	6.78	-0.05	-0.7%	0.1% to 2.0%	
306	46+40.97	-5.00	623.22	306 307	Landing/Turning Space	6.47	-0.11	-1.7%	0.1% to 2.0%	
307	46+35.01	-5.00	623.11	307 308	Landing/Turning Space	10.00	-0.15	-1.5%	0.1% to 2.0%	
308	46+35.00	5.00	622.96	308 309	Landing/Turning Space	5.00	-0.08	-1.6%	0.1% to 2.0%	
309	46+30.39	5.00	622.88	309 310	Landing/Turning Space	10.00	0.15	1.5%	0.1% to 2.0%	
310	46+30.40	-5.00	623.03	310 311	Landing/Turning Space	6.65	-0.09	-1.4%	0.1% to 2.0%	
311	46+24.26	-5.00	622.94	311 312	Landing/Turning Space	6.96	0.12	1.7%	0.1% to 2.0%	
312	46+28.37	-9.46	623.06	312 313	Landing/Turning Space	2.50	0.04	1.6%	0.1% to 2.0%	
313	46+30.53	-9.32	623.10	313 314	Landing/Turning Space	4.98	0.13	2.5%	0.1% to 2.0%	
314	46+34.86	-9.33	623.23	314 305	Landing/Turning Space	2.50	0.04	1.6%	0.1% to 2.0%	
				303 305	Sidewalk Running Slope	23.41	0.13	0.6%	0.5% to 5.0%	
				304 312	Sidewalk Running Slope	14.80	-0.23	-1.6%	0.5% to 5.0%	
				307 314	Landing/Turning Space	4.24	0.12	2.7%	0.1% to 2.0%	
				307 310	Landing/Turning Space	5.00	-0.08	-1.6%	0.1% to 2.0%	
				310 313	Landing/Turning Space	4.24	0.07	1.7%	0.1% to 2.0%	
21ST AV RT & LT. CROSSWALK:										
341	46+20.56	-29.32	622.81	341 342	Sidewalk Running Slope	16.98	0.77	4.5%	0.5% to 5.0%	EX PVT ELEV FL
342	46+14.26	-43.01	623.58	342 343	Sidewalk Running Slope	16.33	-0.24	-1.5%	0.5% to 5.0%	EX PVT ELEV FL
343	46+09.63	-56.98	623.34	343 344	Crosswalk Cross Slope - Yield Condition	15.05	0.04	0.3%	0.0% to 2.0%	EX PVT ELEV FL
344	46+12.51	-70.58	623.38	344 345	Sidewalk Running Slope	25.12	0.37	1.5%	0.5% to 5.0%	EX PVT ELEV FL
345	46+19.76	-50.02	623.75	345 346	Sidewalk Running Slope	24.47	-0.70	-2.9%	0.5% to 5.0%	EX PVT ELEV FL
346	46+29.77	-32.18	623.05	346 341	Crosswalk Cross Slope - Yield Condition	14.34	-0.24	-1.7%	0.0% to 2.0%	EX PVT ELEV FL
				342 345	Crosswalk Cross Slope - Yield Condition	12.00	0.17	1.4%	0.0% to 2.0%	EX PVT ELEV FL

21ST AVE = STOP CONDITION
ARCHER DRIVE = FREE FLOW

LEGEND:

- ADA = PROPOSED ADA DEPRESSED CURB
- SSC = PROPOSED 6" WIDE CONC SIDEWALK SIDE CURB
- R = PROPOSED RAMP
- L = PROPOSED LANDING
- T = PROPOSED TEMPORARY PANEL SEE NOTE 4
- 227 = SIDEWALK ELEVATION POINT LOCATION & NUMBER: LOCATION 01
- 682.73 = PAVEMENT ELEVATION POINT & ELEVATION
- = GRADE REFERENCE LINE
- 1.00% = SLOPE

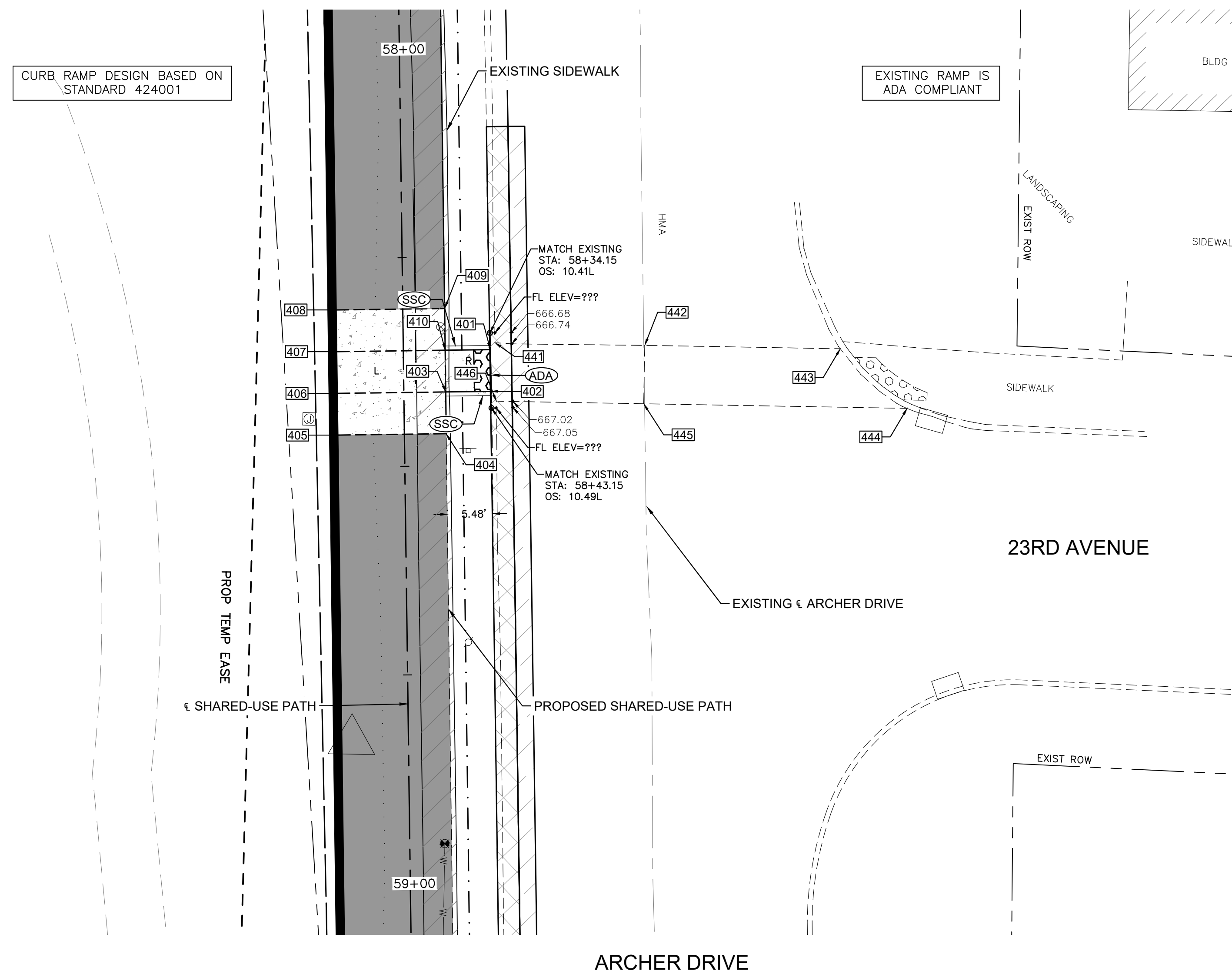


GENERAL NOTES:

1. ALL SPOT GRADES ARE TOP / EDGE OF PAVEMENT, SIDEWALK BREAKS, TOP / EDGE OF SIDEWALK, AND TOP OF DRIVEWAYS UNLESS NOTED OTHERWISE.
2. ALL ADA RAMPS SHALL HAVE A 1/2" DEPRESSED CURB AND 5% MAX GUTTER SLOPE PER STANDARD 606001.
3. INCLUDE ALL COST FOR 6" WIDE CONCRETE SIDEWALK SIDE CURBS IN THE SIDEWALK UNIT PRICE BID AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
4. TEMPORARY SIDEWALK AREAS ARE DESIGNATED WITH A "T". THESE TEMPORARY AREAS WILL BE REMOVED & REPLACED IN THE FUTURE AS PART OF THE CITY OF EAST MOLINE SIDEWALK TRANSITION PLAN.
5. LANDING (UPPER & LOWER) AND TURNING AREAS ARE DESIGNATED WITH A "L".
6. UNLESS NOTED OTHERWISE, THE PROPOSED PAVEMENT LAYOUT POINTS ARE AT THE PROPOSED BACK OF CURB.

SEE STD 424001 FOR 2' DETECTABLE WARNING DETAIL

ARCHER DRIVE



**PAVEMENT & SHARED-USE PATH ELEVATIONS
STA. 58+40, ARCHER DRIVE & 23RD AVENUE INTERSECTION**

GRAND ILLINOIS TRAIL - SIDEWALK COMPLIANCE TABLE
Archer Drive at 23rd Avenue

Point	Station	Offset FEET	Elevation FEET	Point to Point	Sidewalk Designation	Distance	Δ Elevation	Slope	Legally Acceptable Range	Remarks
						FT	FT	%	Pos. or Neg.	
ARCHER DR LT. WEST SIDE:										
401	58+36.15	-10.43	667.06	401 402	Crosswalk Cross Slope - No Yield Condition	5.00	0.20	4.0%	0.0% to 5.0%	BOC
402	58+41.15	-10.47	667.26	402 403	Ramp Running Slope	5.46	0.08	1.5%	0.5% to 8.3%	
403	58+41.15	-5.01	667.34	403 404	Sidewalk Running Slope	5.00	0.07	1.4%	0.5% to 5.0%	
404	58+46.15	-5.01	667.41	404 405	Sidewalk Cross Slope	13.00	0.19	1.5%	0.5% to 2.0%	
405	58+46.15	7.99	667.60	405 406	Sidewalk Running Slope	5.00	-0.18	-3.6%	0.5% to 5.0%	
406	58+41.15	7.99	667.42	406 407	Landing/Turning Space	5.00	-0.07	-1.4%	0.1% to 2.0%	
407	58+36.15	7.99	667.35	407 408	Sidewalk Running Slope	5.00	-0.07	-1.4%	0.5% to 5.0%	
408	58+31.15	7.99	667.28	408 409	Sidewalk Cross Slope	13.00	-0.09	-0.7%	0.5% to 2.0%	
409	58+31.15	-5.01	667.19	409 410	Sidewalk Running Slope	5.00	0.08	1.6%	0.5% to 5.0%	
410	58+36.15	-5.01	667.27	410 401	Ramp Running Slope	5.42	-0.21	-3.9%	0.5% to 8.3%	
				403 410	Landing/Turning Space	5.00	-0.07	-1.4%	0.1% to 2.0%	
				407 410	Sidewalk Cross Slope	13.00	-0.08	-0.6%	0.5% to 2.0%	
				403 406	Sidewalk Cross Slope	13.00	0.08	0.6%	0.5% to 2.0%	
ARCHER DR RT & LT. CROSSWALK:										
441	58+35.34	-11.00	666.98	441 442	Sidewalk Running Slope	17.93	0.33	1.8%	0.5% to 5.0%	EX PVT ELEV
442	58+35.88	-28.93	667.31	442 443	Sidewalk Running Slope	23.43	-0.26	-1.1%	0.5% to 5.0%	EX PVT ELEV
443	58+36.60	-52.35	667.05	443 444	Crosswalk Cross Slope - No Yield Condition	10.86	0.34	3.1%	0.0% to 5.0%	EX PVT ELEV FL
444	58+43.85	-60.27	667.39	444 445	Sidewalk Running Slope	31.57	0.19	0.6%	0.5% to 5.0%	EX PVT ELEV
445	58+42.88	-28.71	667.58	445 446	Sidewalk Running Slope	17.66	-0.32	-1.8%	0.5% to 5.0%	EX PVT ELEV
446	58+42.34	-11.06	667.26	446 441	Crosswalk Cross Slope - No Yield Condition	7.00	-0.28	-4.0%	0.0% to 5.0%	EX PVT ELEV FL
				442 445	Crosswalk Cross Slope - No Yield Condition	7.00	0.27	3.9%	0.0% to 5.0%	EX PVT ELEV

ARCHER DRIVE = FREE FLOW
23RD AVE = STOP CONDITION

FILE NAME = 18000211.00/ CEM #001-2018	USER NAME = PAR	DESIGNED — NWK	REVISED — .
		DRAWN — NWK	REVISED — .
		CHECKED — LRR	REVISED — .
		DATE — 10/30/2020	REVISED — .



ADA DETAILS

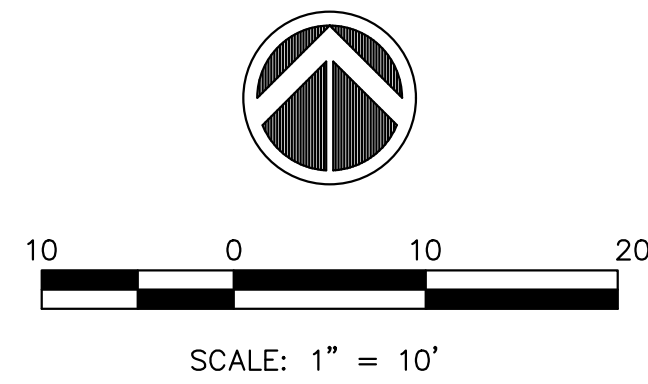
SCALE: SHEET NO. 91 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	ADA4

ILLINOIS FED. AID PROJECT

LEGEND:

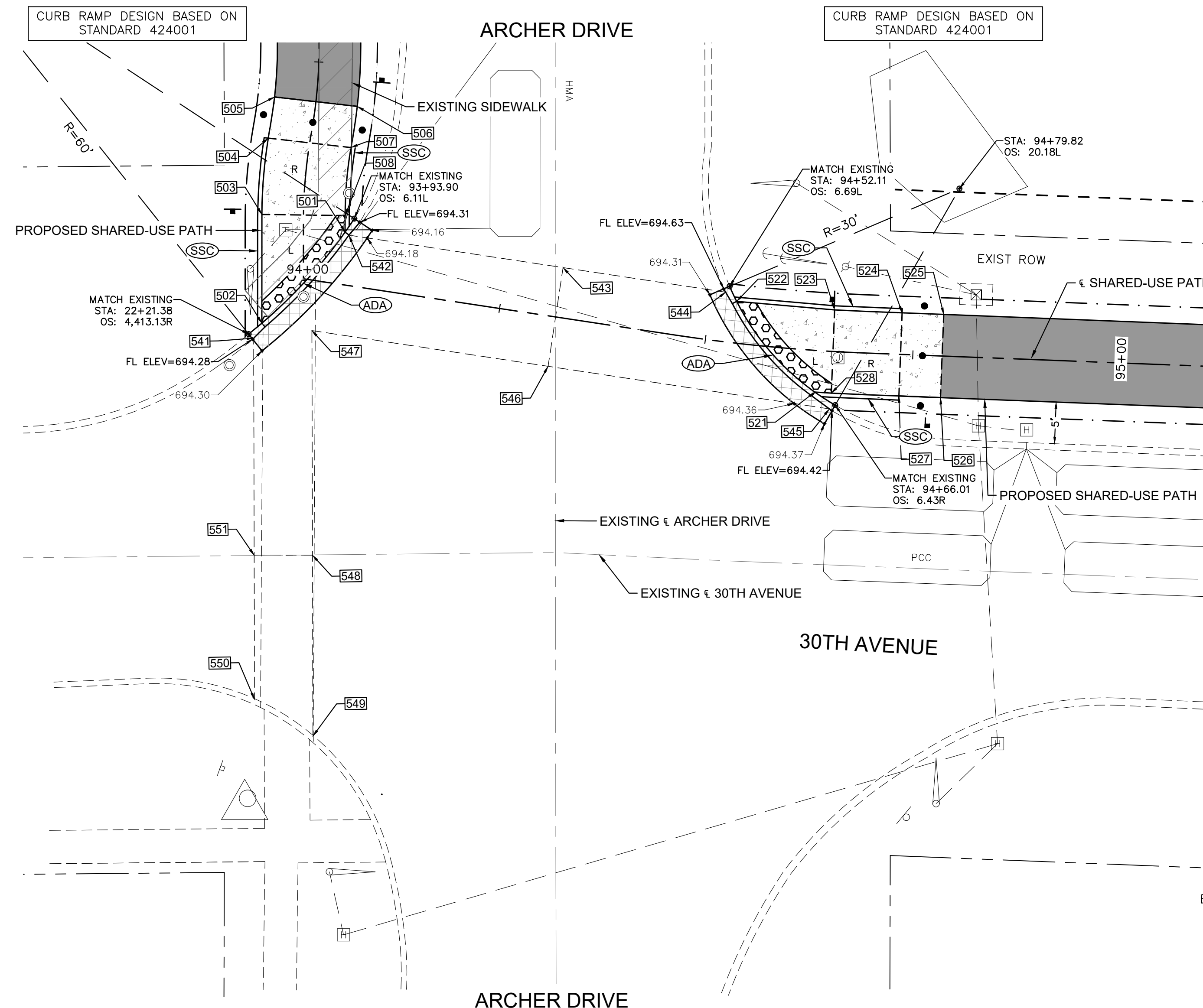
- ADA = PROPOSED ADA DEPRESSED CURB
- SSC = PROPOSED 6" WIDE CONC SIDEWALK SIDE CURB
- R = PROPOSED RAMP
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- T = PROPOSED TEMPORARY PANEL SEE NOTE 4
- 227 = SIDEWALK ELEVATION POINT LOCATION & NUMBER: LOCATION 01
- 682.73 = PAVEMENT ELEVATION POINT & ELEVATION
- = GRADE REFERENCE LINE
- 1.00% = SLOPE



GENERAL NOTES:

1. ALL SPOT GRADES ARE TOP / EDGE OF PAVEMENT, SIDEWALK BREAKS, TOP / EDGE OF SIDEWALK, AND TOP OF DRIVEWAYS UNLESS NOTED OTHERWISE.
2. ALL ADA RAMPS SHALL HAVE A 1/2" DEPRESSED CURB AND 5% MAX GUTTER SLOPE PER STANDARD 606001.
3. INCLUDE ALL COST FOR 6" WIDE CONCRETE SIDEWALK SIDE CURBS IN THE SIDEWALK UNIT PRICE BID AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
4. TEMPORARY SIDEWALK AREAS ARE DESIGNATED WITH A "T". THESE TEMPORARY AREAS WILL BE REMOVED & REPLACED IN THE FUTURE AS PART OF THE CITY OF EAST MOLINE SIDEWALK TRANSITION PLAN.
5. LANDING (UPPER & LOWER) AND TURNING AREAS ARE DESIGNATED WITH A "L".
6. UNLESS NOTED OTHERWISE, THE PROPOSED PAVEMENT LAYOUT POINTS ARE AT THE PROPOSED BACK OF CURB.

SEE STD 424001 FOR 2' DETECTABLE WARNING DETAIL



EXISTING RAMP IS ADA COMPLIANT

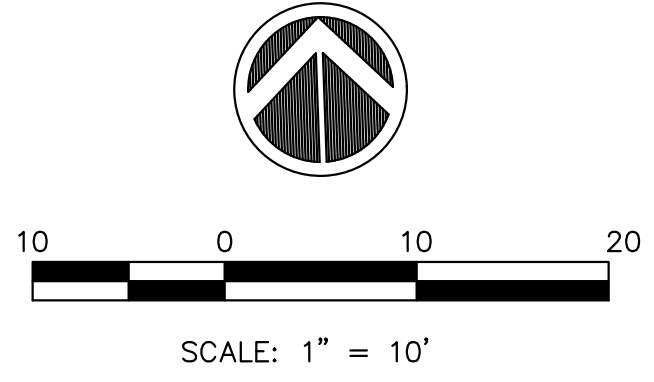
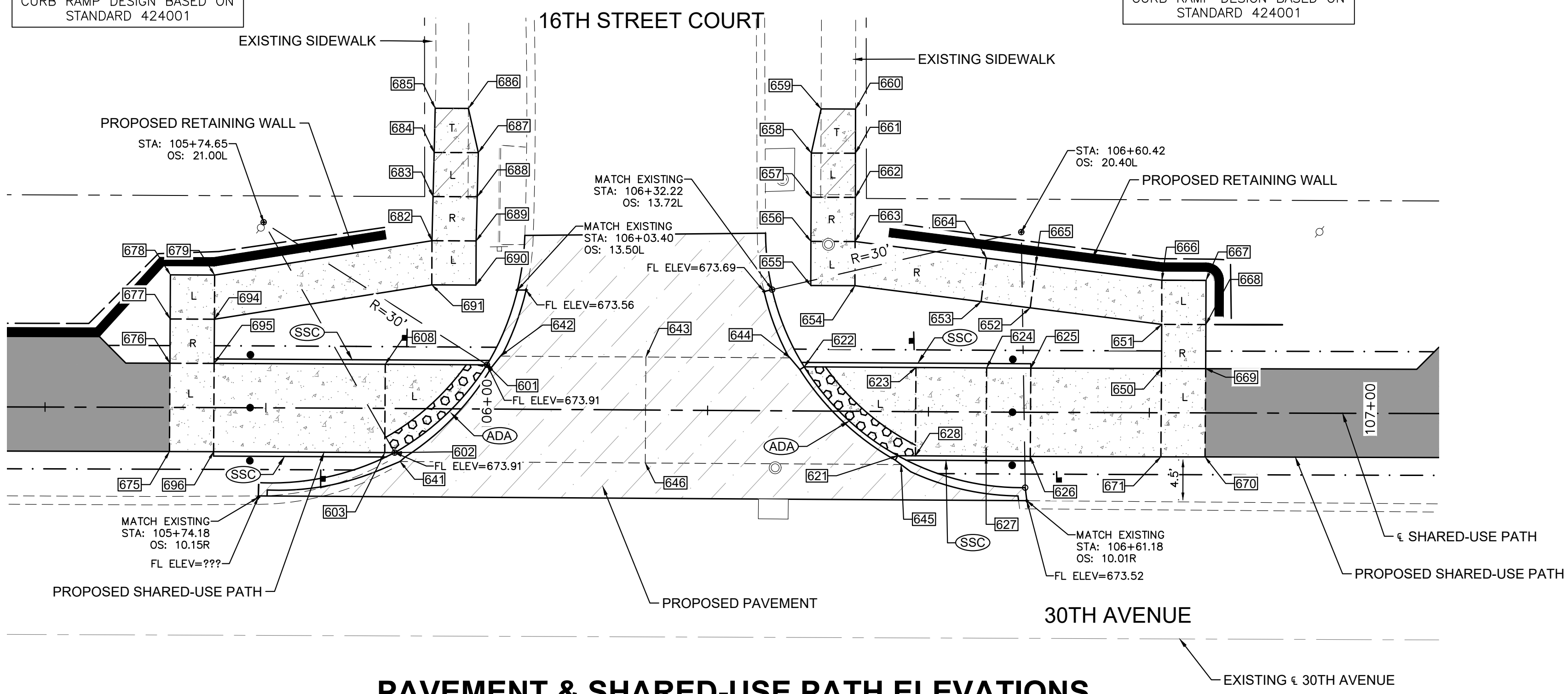
**PAVEMENT & SHARED-USE PATH ELEVATIONS
STA. 94+36, ARCHER DRIVE & 30TH AVENUE INTERSECTION**

TRAFFIC SIGNAL CONTROLLED

GRAND ILLINOIS TRAIL - SIDEWALK COMPLIANCE TABLE										
Archer Drive at 30th Avenue										
Point	Station	Offset FEET	Elevation FEET	Point to Point	Sidewalk Designation	Distance	Δ Elevation	Slope	Legally Acceptable Range	Remarks
						FT	FT	%	Pos. or Neg.	
ARCHER DR LT. WEST SIDE:										
501	93+95.57	-5.00	694.21	501 502	Crosswalk Cross Slope - Yield Condition	14.86	0.10	0.7%	0.0% to 2.0%	BOC
502			694.31	502 503	Landing/Turning Space	13.07	0.08	0.6%	0.1% to 2.0%	
503	93+93.50	5.00	694.39	503 504	Ramp Running Slope	9.22	0.10	1.1%	0.5% to 8.3%	
504	93+84.99	5.00	694.49	504 505	Sidewalk Running Slope	5.01	0.08	1.6%	0.5% to 5.0%	
505	93+79.78	5.00	694.57	505 506	Sidewalk Cross Slope	10.00	-0.15	-1.5%	0.5% to 2.0%	
506	93+79.78	-5.00	694.42	506 507	Sidewalk Running Slope	5.01	-0.08	-1.6%	0.5% to 5.0%	
507	93+84.54	-5.00	694.34	507 508	Ramp Running Slope	8.20	-0.10	-1.2%	0.5% to 8.3%	
508	93+93.50	-5.00	694.24	508 501	Landing/Turning Space	2.00	-0.03	-1.5%	0.1% to 2.0%	
				503 508	Landing/Turning Space	10.00	-0.15	-1.5%	0.1% to 2.0%	
				504 507	Sidewalk Cross Slope	10.00	-0.15	-1.5%	0.5% to 2.0%	
ARCHER DR RT & LT/ 30TH AV RT & LT. CROSSWALK:										
541			694.28	541 542	Crosswalk Cross Slope - Yield Condition	16.90	-0.11	-0.7%	0.0% to 2.0%	EX PVT ELEV FL
542	93+95.92	-5.46	694.17	542 543	Sidewalk Running Slope	26.02	0.26	1.0%	0.5% to 5.0%	EX PVT ELEV
543	94+31.80	-6.00	694.43	543 544	Sidewalk Running Slope	19.76	-0.14	-0.7%	0.5% to 5.0%	EX PVT ELEV
544	94+51.71	-5.49	694.29	544 545	Crosswalk Cross Slope - Yield Condition	18.88	0.05	0.3%	0.0% to 2.0%	EX PVT ELEV FL
545	94+65.36	6.91	694.34	545 546	Sidewalk Running Slope	34.18	0.28	0.8%	0.5% to 5.0%	EX PVT ELEV
546	94+31.80	6.00	694.62	546 547	Sidewalk Running Slope	28.70	-0.35	-1.2%	0.5% to 5.0%	EX PVT ELEV
547	94+03.10	6.00	694.27	547 548	Sidewalk Running Slope	26.99	0.48	1.8%	0.5% to 5.0%	EX PVT ELEV
548	94+07.20	32.68	694.75	548 549	Sidewalk Running Slope	21.64	0.17	0.8%	0.5% to 5.0%	EX PVT ELEV
549	94+10.50	54.06	694.92	549 550	Crosswalk Cross Slope - Yield Condition	8.30	-0.12	-1.4%	0.0% to 2.0%	EX PVT ELEV FL
550	94+02.91	50.77	694.80	550 551	Sidewalk Running Slope	17.23	-0.10	-0.6%	0.5% to 5.0%	EX PVT ELEV
551			694.70	551 541	Sidewalk Running Slope	26.09	-0.42	-1.6%	0.5% to 5.0%	EX PVT ELEV
				543 546	Crosswalk Cross Slope - Yield Condition	12.00	0.19	1.6%	0.0% to 2.0%	EX PVT ELEV
				548 551	Crosswalk Cross Slope - Yield Condition	12.00	-0.05	-0.4%	0.0% to 2.0%	EX PVT ELEV
ARCHER DR LT. EAST SIDE:										
521	94+63.53	5.00	694.35	521 522	Crosswalk Cross Slope - Yield Condition	14.52	0.00	0.0%	0.0% to 2.0%	BOC
522	94+53.19	-5.00	694.35	522 523	Landing/Turning Space	11.81	0.18	1.5%	0.1% to 2.0%	
523	94+65.31	-5.00	694.53	523 524	Ramp Running Slope	8.12	0.20	2.5%	0.5% to 8.3%	
524	94+73.52	-5.00	694.73	524 525	Sidewalk Running Slope	5.00	0.07	1.4%	0.5% to 5.0%	
525	94+78.52	-5.00	694.80	525 526	Sidewalk Cross Slope	10.00	-0.15	-1.5%	0.5% to 2.0%	
526	94+78.52	5.00	694.65	526 527	Ramp Running Slope	5.00	-0.07	-1.4%	0.5% to 8.3%	
527	94+73.52	5.00	694.58	527 528	Sidewalk Running Slope	8.12	-0.20	-2.5%	0.5% to 5.0%	
528	94+65.48	5.00	694.38	528 521	Landing/Turning Space	2.00	-0.03	-1.5%	0.1% to 2.0%	
				523 528	Landing/Turning Space	10.00	-0.15	-1.5%	0.1% to 2.0%	
				524 527	Sidewalk Cross Slope	10.00	-0.15	-1.5%	0.5% to 2.0%	

CURB RAMP DESIGN BASED ON STANDARD 424001

CURB RAMP DESIGN BASED ON STANDARD 424001



SEE STD 424001 FOR 2' DETECTABLE WARNING DETAIL

LEGEND:

- ADA = PROPOSED ADA DEPRESSED CURB
- SSC = PROPOSED 6" WIDE CONC SIDEWALK SIDE CURB
- R = PROPOSED RAMP
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- 227 = SIDEWALK ELEVATION POINT LOCATION & NUMBER: LOCATION 01
- + 682.73 = PAVEMENT ELEVATION POINT & ELEVATION
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- 1.00% = SLOPE

GENERAL NOTES:

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4. TEMPORARY SIDEWALK AREAS ARE DESIGNATED WITH A "T". THESE TEMPORARY AREAS WILL BE REMOVED & REPLACED IN THE FUTURE AS PART OF THE CITY OF EAST MOLINE SIDEWALK TRANSITION PLAN.
5. LANDING (UPPER & LOWER) AND TURNING AREAS ARE DESIGNATED WITH A "L".
6. UNLESS NOTED OTHERWISE, THE PROPOSED PAVEMENT LAYOUT POINTS ARE AT THE PROPOSED BACK OF CURB.

**PAVEMENT & SHARED-USE PATH ELEVATIONS
STA. 106+19, 30TH AVENUE & 16TH STREET COURT INTERSECTION**

30TH AVE = FREE FLOW
16TH ST CT = STOP CONDITION

**GRAND ILLINOIS TRAIL - SIDEWALK COMPLIANCE TABLE
16th Street Court at 30th Avenue**

Point	Station	Offset FEET	Elevation FEET	Point to Point	Sidewalk Designation	Distance FT	Δ Elevation FT	Slope %	Legally Acceptable Range Pos. or Neg.	Remarks
16TH ST CT LT, WEST SIDE:										
601	106+00.00	-5.00	674.18	601 602	Crosswalk Cross Slope - Yield Condition	13.93	-0.20	-1.4%	0.0% to 2.0%	BOC
602	105+90.49	5.00	673.98	602 603	Landing/Turning Space	2.00	0.03	1.5%	0.1% to 2.0%	
603	105+88.49	5.00	674.01	603 696	Ramp Running Slope	19.37	0.28	1.4%	0.5% to 8.3%	
608	105+88.48	-5.00	674.16	608 601	Landing/Turning Space	11.52	0.02	0.2%	0.1% to 2.0%	
				603 608	Landing/Turning Space	10.00	0.15	1.5%	0.1% to 2.0%	
				603 608	Ramp Running Slope	19.37	-0.28	-1.4%	0.5% to 8.3%	
675	105+64.10	5.00	674.27	675 676	Landing/Turning Space	10.00	0.15	1.5%	0.1% to 2.0%	
676	105+64.13	-5.00	674.42	676 677	Ramp Running Slope	5.00	0.40	8.0%	0.5% to 8.3%	
677	105+64.14	-10.00	674.82	677 678	Landing/Turning Space	5.00	0.08	1.6%	0.1% to 2.0%	
678	105+64.15	-15.00	674.90	678 679	Landing/Turning Space	5.00	-0.03	-0.6%	0.1% to 2.0%	
679	105+69.15	-15.00	674.87	679 682	Sidewalk Running Slope	24.89	1.12	4.5%	0.5% to 5.0%	
682	105+93.69	-19.02	675.99	682 683	Ramp Running Slope	5.00	0.38	7.6%	0.5% to 8.3%	
683	105+93.78	-24.02	676.37	683 684	Landing/Turning Space	5.00	0.07	1.4%	0.1% to 2.0%	
684	105+93.87	-29.02	676.44	684 685	Sidewalk Running Slope	5.00	0.17	3.4%	0.5% to 5.0%	
685	105+93.96	-34.02	676.61	685 686	Match Existing Cross Slope	3.75	-0.04	-1.1%	Match Existing	TRANSITION MATCH EXIST TRANSITION
686	105+97.72	-34.03	676.57	686 687	Sidewalk Running Slope	5.13	-0.20	-3.9%	0.5% to 5.0%	
687	105+98.87	-29.03	676.37	687 688	Landing/Turning Space	5.00	-0.07	-1.4%	0.1% to 2.0%	
688	105+98.78	-24.03	676.30	688 689	Ramp Running Slope	5.00	-0.38	-7.6%	0.5% to 8.3%	
689	105+98.69	-19.03	675.92	689 690	Landing/Turning Space	5.00	-0.07	-1.4%	0.1% to 2.0%	
690	105+98.69	-14.03	675.85	690 691	Landing/Turning Space	5.00	0.07	1.4%	0.1% to 2.0%	
691	105+93.69	-14.02	675.92	691 694	Sidewalk Running Slope	24.91	-1.12	-4.5%	0.5% to 5.0%	
694	105+69.14	-10.00	674.80	694 695	Ramp Running Slope	5.00	-0.36	-7.2%	0.5% to 8.3%	
695	105+69.12	-5.00	674.44	695 696	Landing/Turning Space	10.00	-0.15	-1.5%	0.1% to 2.0%	
696	105+69.10	5.00	674.29	696 675	Landing/Turning Space	5.00	-0.02	-0.4%	0.1% to 2.0%	
				676 695	Landing/Turning Space	5.00	0.02	0.4%	0.1% to 2.0%	
				677 694	Landing/Turning Space	5.00	-0.02	-0.4%	0.1% to 2.0%	
				679 694	Landing/Turning Space	5.00	-0.07	-1.4%	0.1% to 2.0%	
				682 691	Landing/Turning Space	5.00	-0.07	-1.4%	0.1% to 2.0%	
				682 689	Landing/Turning Space	5.00	-0.07	-1.4%	0.1% to 2.0%	
				683 688	Landing/Turning Space	5.00	-0.07	-1.4%	0.1% to 2.0%	
				684 687	Landing/Turning Space	5.00	-0.07	-1.4%	0.1% to 2.0%	

**GRAND ILLINOIS TRAIL - SIDEWALK COMPLIANCE TABLE
16th Street Court at 30th Avenue**

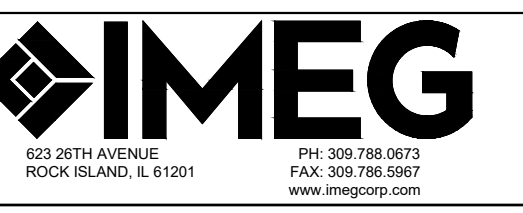
Point	Station	Offset FEET	Elevation FEET	Point to Point	Sidewalk Designation	Distance FT	Δ Elevation FT	Slope %	Legally Acceptable Range Pos. or Neg.	Remarks
16TH ST CT LT, CROSSWALK:										
641	105+90.23	6.00	673.93	641 642	Crosswalk Cross Slope - Yield Condition	16.62	0.24	1.4%	0.0% to 2.0%	EX PVT ELEV FL
642	106+01.52	-6.00	674.17	642 643	Sidewalk Running Slope	16.46	-0.24	-1.5%	0.5% to 5.0%	EX PVT ELEV
643	106+17.98	-6.00	673.93	643 644	Sidewalk Running Slope	16.31	-0.12	-0.7%	0.5% to 5.0%	EX PVT ELEV
644	106+34.29	-6.00	673.81	644 645	Crosswalk Cross Slope - Yield Condition	17.61	-0.26	-1.5%	0.0% to 2.0%	EX PVT ELEV FL
645	106+46.94	6.00	673.55	645 646	Sidewalk Running Slope	28.96	0.20	0.7%	0.5% to 5.0%	EX PVT ELEV
646	106+17.98	6.00	673.75	646 641	Sidewalk Running Slope	27.75	0.18	0.6%	0.5% to 5.0%	EX PVT ELEV
				643 646	Crosswalk Cross Slope - Yield Condition	12.00	-0.18	-1.5%	0.0% to 2.0%	EX PVT ELEV
16TH ST CT LT, EAST SIDE:										
621	106+46.76	5.00	673.73	621 622	Crosswalk Cross Slope - Yield Condition	14.76	0.04	0.3%	0.0% to 2.0%	BOC
622	106+36.10	-5.00	673.77	622 623	Landing/Turning Space	12.58	0.14	1.1%	0.1% to 2.0%	
623	106+48.75	-5.00	673.91	623 624	Landing/Turning Space	8.00	0.08	1.0%	0.1% to 2.0%	
624	106+56.76	-5.00	673.99	624 625	Landing/Turning Space	5.00	0.07	1.4%	0.1% to 2.0%	
625	106+61.77	-5.00	674.06	625 626	Landing/Turning Space	10.00	-0.08	-0.8%	0.1% to 2.0%	
626	106+61.75	5.00	673.98	626 627	Landing/Turning Space	5.00	-0.07	-1.4%	0.1% to 2.0%	
627	106+56.75	5.00	673.91	627 628	Landing/Turning Space	8.00	-0.15	-1.9%	0.1% to 2.0%	
628	106+48.76	5.00	673.76	628 623	Landing/Turning Space	10.00	0.15	1.5%	0.1% to 2.0%	
				621 628	Landing/Turning Space	2.00	0.03	1.5%	0.1% to 2.0%	
				627 624	Landing/Turning Space	5.00	0.08	1.6%	0.1% to 2.0%	
650	106+76.57	-5.00	673.42	650 651	Ramp Running Slope	5.00	0.40	8.0%	0.5% to 8.3%	
651	106+76.57	-10.00	673.82	651 652	Ramp Running Slope	15.00	1.07	7.1%	0.5% to 8.3%	
652	106+61.67	-11.83	674.89	652 653	Landing/Turning Space	5.00	0.08	1.6%	0.1% to 2.0%	
653	106+56.09	-12.50	674.97	653 654	Ramp Running Slope	14.21	0.79	5.6%	0.5% to 8.3%	
654	106+41.79	-14.22	675.76	654 655	Landing/Turning Space	5.00	0.02	0.4%	0.1% to 2.0%	
655	106+36.79	-14.20	675.78	655 656	Landing/Turning Space	5.00	-0.02	-0.4%	0.1% to 2.0%	
656	106+36.78	-19.12	675.76	656 657	Ramp Running Slope	5.00	0.39	7.8%	0.5% to 8.3%	
657	106+36.77	-24.21	676.15	657 658	Landing/Turning Space	5.00	0.07	1.4%	0.1% to 2.0%	
658	106+36.76	-29.21	676.22	658 659	Sidewalk Running Slope	6.03	0.18	3.0%	0.5% to 5.0%	
659	106+37.84	-34.21	676.40	659 660	Match Existing Cross Slope	5.00	0.27	5.4%	Match Existing	TRANSITION MATCH EXIST TRANSITION
660	106+41.74	-34.22	676.67	660 661	Ramp Running Slope	5.00	-0.37	-7.4%	0.5% to 8.3%	
661	106+41.76	-29.22	676.30	661 662	Landing/Turning Space	5.00	-0.07	-1.4%	0.1% to 2.0%	
662	106+41.78	-24.22	676.23	662 663	Ramp Running Slope	5.00	-0.40	-8.0%	0.5% to 8.3%	
663	106+41.78	-19.22	675.83	663 664	Ramp Running Slope	15.00	-0.79	-5.3%	0.5% to 8.3%	
664	106+56.69	-17.43	675.04	664 665	Landing/Turning Space	5.00	-0.08	-1.6%	0.1% to 2.0%	
665	106+62.76	-16.76	674.96	665 666	Ramp Running Slope	14.38	-1.07	-7.4%	0.5% to 8.3%	
666	106+76.58	-15.00	673.89	666 667	Landing/Turning Space	5.00	0.02	0.4%	0.1% to 2.0%	
667	106+81.58	-15.00	673.91	667 668	Landing/Turning Space	5.00	-0.07	-1.4%	0.1% to 2.0%	
668	106+81.57	-10.00	673.84	668 669	Ramp Running Slope	5.00	-0.40	-8.0%	0.5% to 8.3%	
669	106+81.57	-5.00	673.44	669 670	Landing/Turning Space	10.00	-0.15	-1.5%	0.1% to 2.0%	
670	106+81.52	5.00	673.29	670 671	Landing/Turning Space	5.00	-0.02	-0.4%	0.1% to 2.0%	
671	106+76.52	5.00	673.27	671 650	Landing/Turning Space	10.00	0.15	1.5%	0.1% to 2.0%	
				651 668	Landing/Turning Space	5.00	0.02	0.4%	0.1% to 2.0%	
				651 666	Landing/Turning Space	5.00	0.07	1.4%	0.1% to 2.0%	
				652 665	Landing/Turning Space	4.96	0.07	1.4%	0.1% to 2.0%	
				653 664	Landing/Turning Space	4.96	0.07	1.4%	0.1% to 2.0%	
				654 663	Landing/Turning Space	5.00	0.07	1.4%	0.1% to 2.0%	
				655 663	Landing/Turning Space	5.00	0.07	1.4%	0.1% to 2.0%	
				657 662	Landing/Turning Space	5.00	0.08	1.6%	0.1% to 2.0%	
				658 661	Landing/Turning Space	5.00	0.08	1.6%	0.1% to 2.0%	

FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR

DESIGNED - NWK
DRAWN - NWK
CHECKED - LRR
PLOT DATE = 10/30/2020

REVISED -
REVISED -
REVISED -
REVISED -



ADA DETAILS

SCALE: SHEET NO. 93 OF 178 SHEETS

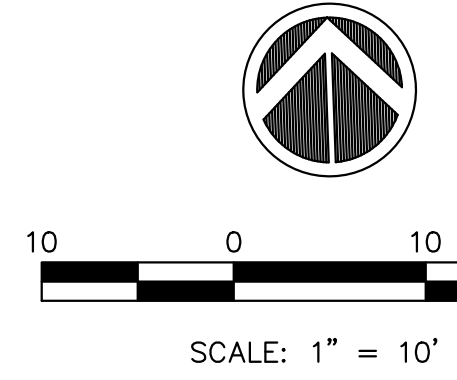
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	ADA6

ILLINOIS FED. AID PROJECT

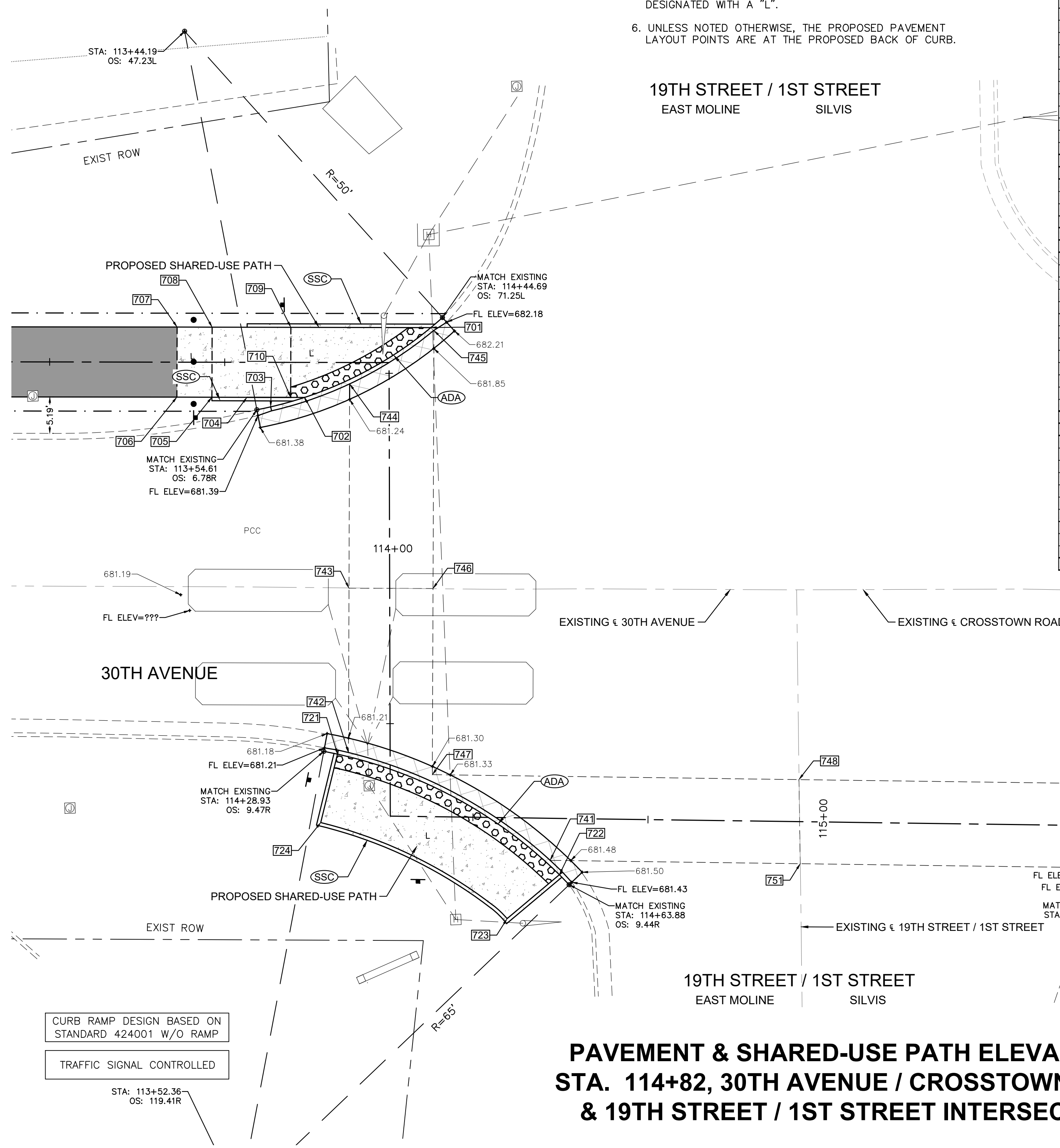
SEE STD 424001 FOR 2' DETECTABLE WARNING DETAIL

GENERAL NOTES:

1. ALL SPOT GRADES ARE TOP / EDGE OF PAVEMENT, SIDEWALK BREAKS, TOP / EDGE OF SIDEWALK, AND TOP OF DRIVEWAYS UNLESS NOTED OTHERWISE.
2. ALL ADA RAMP SHALL HAVE A 1/2" DEPRESSED CURB AND 5% MAX GUTTER SLOPE PER STANDARD 606001.
3. INCLUDE ALL COST FOR 6" WIDE CONCRETE SIDEWALK SIDE CURBS IN THE SIDEWALK UNIT PRICE BID AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
4. TEMPORARY SIDEWALK AREAS ARE DESIGNATED WITH A "T". THESE TEMPORARY AREAS WILL BE REMOVED & REPLACED IN THE FUTURE AS PART OF THE CITY OF EAST MOLINE SIDEWALK TRANSITION PLAN.
5. LANDING (UPPER & LOWER) AND TURNING AREAS ARE DESIGNATED WITH A "L".
6. UNLESS NOTED OTHERWISE, THE PROPOSED PAVEMENT LAYOUT POINTS ARE AT THE PROPOSED BACK OF CURB.



CURB RAMP DESIGN BASED ON STANDARD 424001



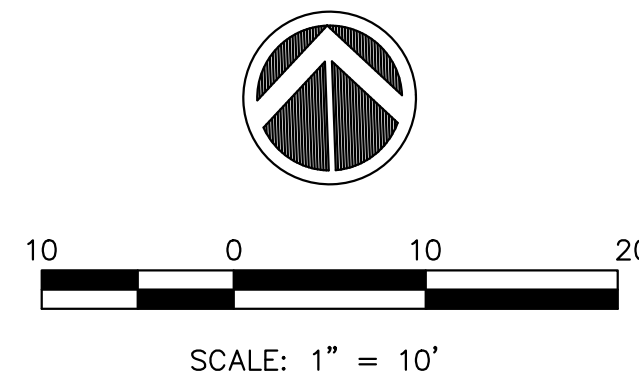
Point	Station	Offset FEET	Elevation FEET	Point to Point	Sidewalk Designation	Distance	Δ Elevation	Slope	Legally Acceptable Range	Remarks
						FT	FT	%	Pos. or Neg.	
19TH ST LT. WEST SIDE:										
701	116+72.08	-11.64	681.75	701 702	Crosswalk Cross Slope - Yield Condition	20.71	-0.30	-1.4%	0.0% to 2.0%	BOC
702	113+61.62	5.00	681.45	702 703	Crosswalk Cross Slope - Yield Condition	3.65	-0.08	-2.2%	0.0% to 2.0%	BOC
703	113+56.77	6.36	681.37	705 708	Sidewalk Cross Slope	10.00	0.14	1.4%	0.5% to 2.0%	
704	113+53.38	5.00	681.44	704 705	Ramp Running Slope	5.00	0.14	2.8%	0.5% to 8.3%	
705	113+48.38	5.00	681.58	705 706	Sidewalk Running Slope	5.00	0.07	1.4%	0.5% to 5.0%	
706	113+43.38	5.00	681.65	706 707	Sidewalk Cross Slope	10.00	0.15	1.5%	0.5% to 2.0%	
707	113+43.39	-5.00	681.80	707 708	Sidewalk Running Slope	5.00	-0.08	-1.6%	0.5% to 5.0%	
708	113+48.39	-5.00	681.72	708 709	Ramp Running Slope	11.24	-0.15	-1.3%	0.5% to 8.3%	
709	113+59.65	-5.00	681.57	709 701	Landing/Turning Space	19.99	0.18	0.9%	0.1% to 2.0%	
710	113+59.64	-5.00	681.38	710 709	Landing/Turning Space	10.00	0.19	1.9%	0.1% to 2.0%	
				702 704	Landing/Turning Space	8.25	-0.01	-0.1%	0.1% to 2.0%	
				702 710	Sidewalk Cross Slope	10.00	-0.07	-0.7%	0.5% to 2.0%	
				704 710	Ramp Running Slope	10.00	-0.06	-0.6%	0.5% to 8.3%	
19TH ST RT. WEST SIDE:										
721	114+25.65	7.57	681.21	721 722	Crosswalk Cross Slope - Yield Condition	36.53	0.28	0.8%	0.0% to 2.0%	BOC
722	114+58.48	8.71	681.49	722 723	Landing/Turning Space	9.76	0.14	1.4%	0.1% to 2.0%	
723	114+50.92	14.88	681.63	723 724	Landing/Turning Space	30.26	-0.27	-0.9%	0.1% to 2.0%	
724			681.36	724 721	Landing/Turning Space	10.05	-0.15	-1.5%	0.1% to 2.0%	
19TH ST RT & LT / 30TH AV RT & LT. CROSSWALK:										
741	114+56.51	6.00	681.36	741 742	Crosswalk Cross Slope - Yield Condition	33.00	-0.25	-0.8%	0.0% to 2.0%	EX PVT ELEV FL
742	114+25.41	6.00	681.11	742 743	Sidewalk Running Slope	23.45	0.55	2.3%	0.5% to 5.0%	EX PVT ELEV
743	114+01.96	6.00	681.66	743 744	Sidewalk Running Slope	29.15	-0.17	-0.6%	0.5% to 5.0%	EX PVT ELEV
744	113+69.27	1.98	681.49	744 745	Crosswalk Cross Slope - Yield Condition	14.28	0.22	1.5%	0.0% to 2.0%	EX PVT ELEV FL
745	113+72.35	-11.67	681.71	745 746	Sidewalk Running Slope	36.82	0.21	0.6%	0.5% to 5.0%	EX PVT ELEV
746	114+01.96	-6.00	681.92	746 747	Sidewalk Running Slope	26.57	-0.63	-2.4%	0.5% to 5.0%	EX PVT ELEV
747	114+28.53	-6.00	681.29	747 748	Sidewalk Running Slope	52.34	0.88	1.7%	0.5% to 5.0%	EX PVT ELEV
748	114+92.74	-6.00	682.17	748 749	Sidewalk Running Slope	69.10	-1.65	-2.4%	0.5% to 5.0%	EX PVT ELEV
749	115+51.97	-6.00	680.52	749 750	Crosswalk Cross Slope - Yield Condition	23.49	0.37	1.6%	0.0% to 2.0%	EX PVT ELEV FL
750	115+31.89	6.00	680.89	750 751	Sidewalk Running Slope	48.66	1.21	2.5%	0.5% to 5.0%	EX PVT ELEV
751	114+93.09	6.00	682.10	751 741	Sidewalk Running Slope	35.71	-0.74	-2.1%	0.5% to 5.0%	EX PVT ELEV
				743 746	Crosswalk Cross Slope - No Yield Condition	12.00	0.26	2.2%	0.0% to 5.0%	EX PVT ELEV
				748 751	Crosswalk Cross Slope - No Yield Condition	12.00	-0.07	-0.6%	0.0% to 5.0%	EX PVT ELEV
1ST ST RT. EAST SIDE:										
761	115+33.75	5.00	680.91	761 762	Crosswalk Cross Slope - Yield Condition	20.01	-0.26	-1.3%	0.0% to 2.0%	FLOWLINE
762	115+50.75	-5.00	680.65	762 763	Landing/Turning Space	2.00	0.03	1.5%	0.1% to 2.0%	
763	115+52.75	-5.00	680.68	763 764	Ramp Running Slope	10.00	0.59	5.9%	0.5% to 8.3%	
764	115+62.75	-5.00	681.27	764 765	Landing/Turning Space	5.00	0.08	1.6%	0.1% to 2.0%	
765	115+67.75	-5.00	681.35	765 766	Sidewalk Cross Slope	10.00	0.14	1.4%	0.5% to 2.0%	
766	115+67.75	5.00	681.49	766 767	Landing/Turning Space	5.00	-0.07	-1.4%	0.1% to 2.0%	
767	115+62.75	5.00	681.42	767 768	Ramp Running Slope	10.00	-0.57	-5.7%	0.5% to 8.3%	
768	115+52.75	5.00	680.85	768 761	Landing/Turning Space	19.00	0.06	0.3%	0.1% to 2.0%	
				763 768	Landing/Turning Space	10.00	0.17	1.7%	0.1% to 2.0%	
				764 767	Sidewalk Cross Slope	10.00	0.15	1.5%	0.5% to 2.0%	

- LEGEND:**
- ADA = PROPOSED ADA DEPRESSED CURB
 - SSC = PROPOSED 6" WIDE CONC SIDEWALK SIDE CURB
 - R = PROPOSED RAMP
 - L = PROPOSED LANDING
 - T = PROPOSED TEMPORARY PANEL SEE NOTE 4
 - 227 = SIDEWALK ELEVATION POINT LOCATION & NUMBER: LOCATION 01
 - + 682.73 = PAVEMENT ELEVATION POINT & ELEVATION
 - = GRADE REFERENCE LINE
 - 1.00% = SLOPE

**PAVEMENT & SHARED-USE PATH ELEVATIONS
STA. 114+82, 30TH AVENUE / CROSTOWN ROAD
& 19TH STREET / 1ST STREET INTERSECTION**

LEGEND:

- ADA = PROPOSED ADA DEPRESSED CURB
- SSC = PROPOSED 6" WIDE CONC SIDEWALK SIDE CURB
- R = PROPOSED RAMP
- L = PROPOSED LANDING
- T = PROPOSED TEMPORARY PANEL SEE NOTE 4
- ②②⑦ = SIDEWALK ELEVATION POINT LOCATION & NUMBER: LOCATION 01
- 682.73 = PAVEMENT ELEVATION POINT & ELEVATION
- = GRADE REFERENCE LINE
- 1.00% = SLOPE

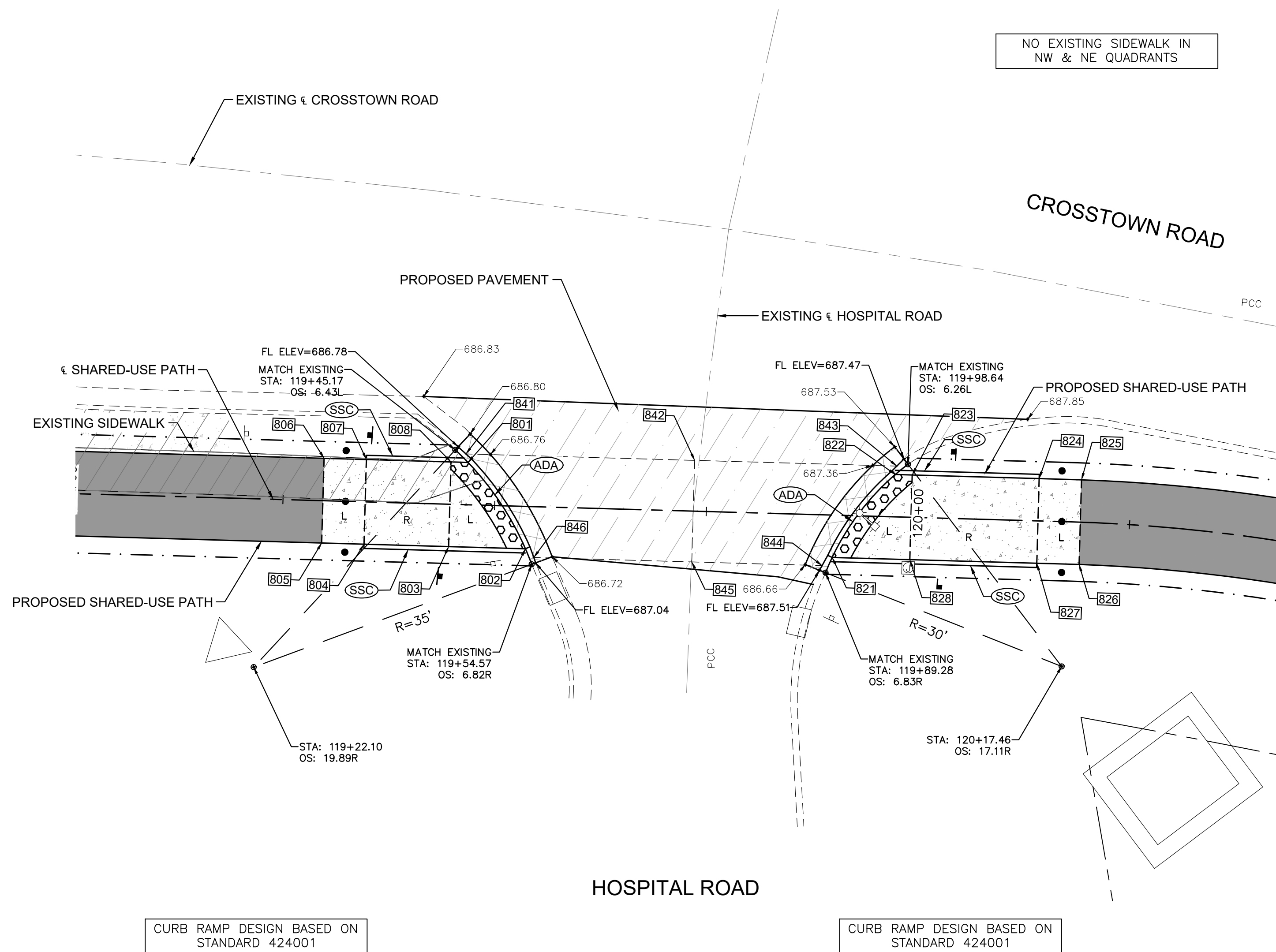


GENERAL NOTES:

1. ALL SPOT GRADES ARE TOP / EDGE OF PAVEMENT, SIDEWALK BREAKS, TOP / EDGE OF SIDEWALK, AND TOP OF DRIVEWAYS UNLESS NOTED OTHERWISE.
2. ALL ADA RAMP SHALL HAVE A 1/2" DEPRESSED CURB AND 5% MAX GUTTER SLOPE PER STANDARD 606001.
3. INCLUDE ALL COST FOR 6" WIDE CONCRETE SIDEWALK SIDE CURBS IN THE SIDEWALK UNIT PRICE BID AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
4. TEMPORARY SIDEWALK AREAS ARE DESIGNATED WITH A "T". THESE TEMPORARY AREAS WILL BE REMOVED & REPLACED IN THE FUTURE AS PART OF THE CITY OF EAST MOLINE SIDEWALK TRANSITION PLAN.
5. LANDING (UPPER & LOWER) AND TURNING AREAS ARE DESIGNATED WITH A "L".
6. UNLESS NOTED OTHERWISE, THE PROPOSED PAVEMENT LAYOUT POINTS ARE AT THE PROPOSED BACK OF CURB.

SEE STD 424001 FOR 2' DETECTABLE WARNING DETAIL

10TH AVENUE



**PAVEMENT & SHARED-USE PATH ELEVATIONS
STA. 119+73, CROSTOWN ROAD & HOSPITAL ROAD INTERSECTION**

GRAND ILLINOIS TRAIL - SIDEWALK COMPLIANCE TABLE										
Hospital Road at Crosstown Road										
Point	Station	Offset FEET	Elevation FEET	Point to Point	Sidewalk Designation	Distance	Δ Elevation	Slope	Legally Acceptable Range	Remarks
						FT	FT	%	Pos. or Neg.	
HOSPITAL RD RT, WEST SIDE:										
801	119+46.70	-5.00	686.69	801 802	Crosswalk Cross Slope - Yield Condition	12.31	-0.06	-0.5%	0.0% to 2.0%	BOC
802	119+53.77	5.00	686.63	802 803	Landing/Turning Space	9.07	0.14	1.5%	0.1% to 2.0%	
803	119+44.70	5.00	686.77	803 804	Ramp Running Slope	10.00	0.74	7.4%	0.5% to 8.3%	
804	119+34.70	5.00	687.51	804 805	Landing/Turning Space	5.00	0.08	1.6%	0.1% to 2.0%	
805	119+29.70	5.00	687.59	805 806	Landing/Turning Space	10.00	-0.16	-1.6%	0.1% to 2.0%	
806	119+29.70	-5.00	687.43	806 807	Landing/Turning Space	5.00	-0.07	-1.4%	0.1% to 2.0%	
807	119+34.70	-5.00	687.36	807 808	Ramp Running Slope	10.00	-0.64	-6.4%	0.5% to 8.3%	
808	119+44.70	-5.00	686.72	808 801	Landing/Turning Space	2.00	-0.03	-1.5%	0.1% to 2.0%	
				803 808	Landing/Turning Space	10.00	-0.05	-0.5%	0.1% to 2.0%	
				804 807	Landing/Turning Space	10.00	-0.15	-1.5%	0.1% to 2.0%	
HOSPITAL RD RT, CROSSWALK:										
841	119+46.43	-6.00	686.70	841 842	Sidewalk Running Slope	27.02	0.48	1.8%	0.5% to 5.0%	
842	119+73.45	-6.00	687.18	842 843	Sidewalk Running Slope	23.88	0.18	0.8%	0.5% to 5.0%	
843	119+97.33	-6.00	687.36	843 844	Crosswalk Cross Slope - Yield Condition	14.81	-0.25	-1.7%	0.0% to 2.0%	FLOWLINE
844	119+88.85	6.00	687.11	844 845	Sidewalk Running Slope	15.40	-0.11	-0.7%	0.5% to 5.0%	
845	119+73.45	6.00	687.00	845 846	Sidewalk Running Slope	18.66	-0.38	-2.0%	0.5% to 5.0%	
846	119+54.79	6.00	686.62	846 841	Crosswalk Cross Slope - Yield Condition	14.75	0.08	0.5%	0.0% to 2.0%	FLOWLINE
				842 845	Sidewalk Cross Slope	12.00	-0.18	-1.5%	0.5% to 2.0%	
HOSPITAL RD RT, EAST SIDE:										
821	119+90.01	5.00	687.12	821 822	Crosswalk Cross Slope - Yield Condition	12.39	0.18	1.5%	0.0% to 2.0%	BOC
822	119+97.18	-5.00	687.30	822 823	Landing/Turning Space	2.00	0.03	1.5%	0.1% to 2.0%	
823	119+99.18	-5.00	687.33	823 824	Ramp Running Slope	15.00	0.96	6.4%	0.5% to 8.3%	
824	120+14.18	-5.00	688.29	824 825	Landing/Turning Space	5.00	0.07	1.4%	0.1% to 2.0%	
825	120+19.14	-5.00	688.36	825 826	Landing/Turning Space	10.00	0.15	1.5%	0.1% to 2.0%	
826	120+19.21	5.00	688.51	826 827	Landing/Turning Space	5.00	-0.07	-1.4%	0.1% to 2.0%	
827	120+14.18	5.00	688.44	827 828	Ramp Running Slope	15.00	-1.18	-7.9%	0.5% to 8.3%	
828	119+99.18	5.00	687.26	828 821	Landing/Turning Space	9.17	-0.14	-1.5%	0.1% to 2.0%	
				823 828	Landing/Turning Space	10.00	-0.07	-0.7%	0.1% to 2.0%	
				824 827	Landing/Turning Space	10.00	0.15	1.5%	0.1% to 2.0%	

CROSTOWN AVE - FREE FLOW
HOSPITAL RD - STOP CONDITION

FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

DESIGNED - NWK
DRAWN - NWK
CHECKED - LRR
DATE - 10/30/2020

REVISED -
REVISED -
REVISED -
REVISED -



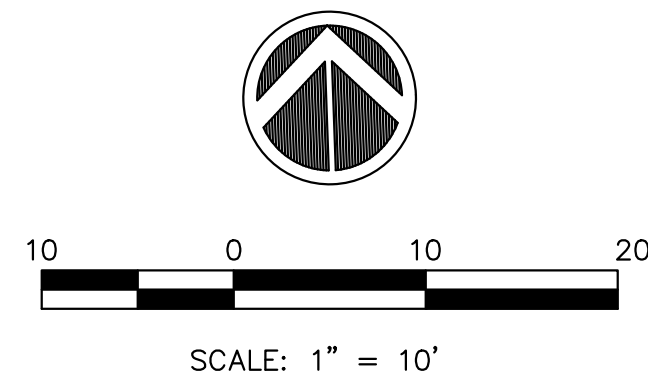
ADA DETAILS
SCALE: SHEET NO. 95 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	ADA8

ILLINOIS FED. AID PROJECT

LEGEND:

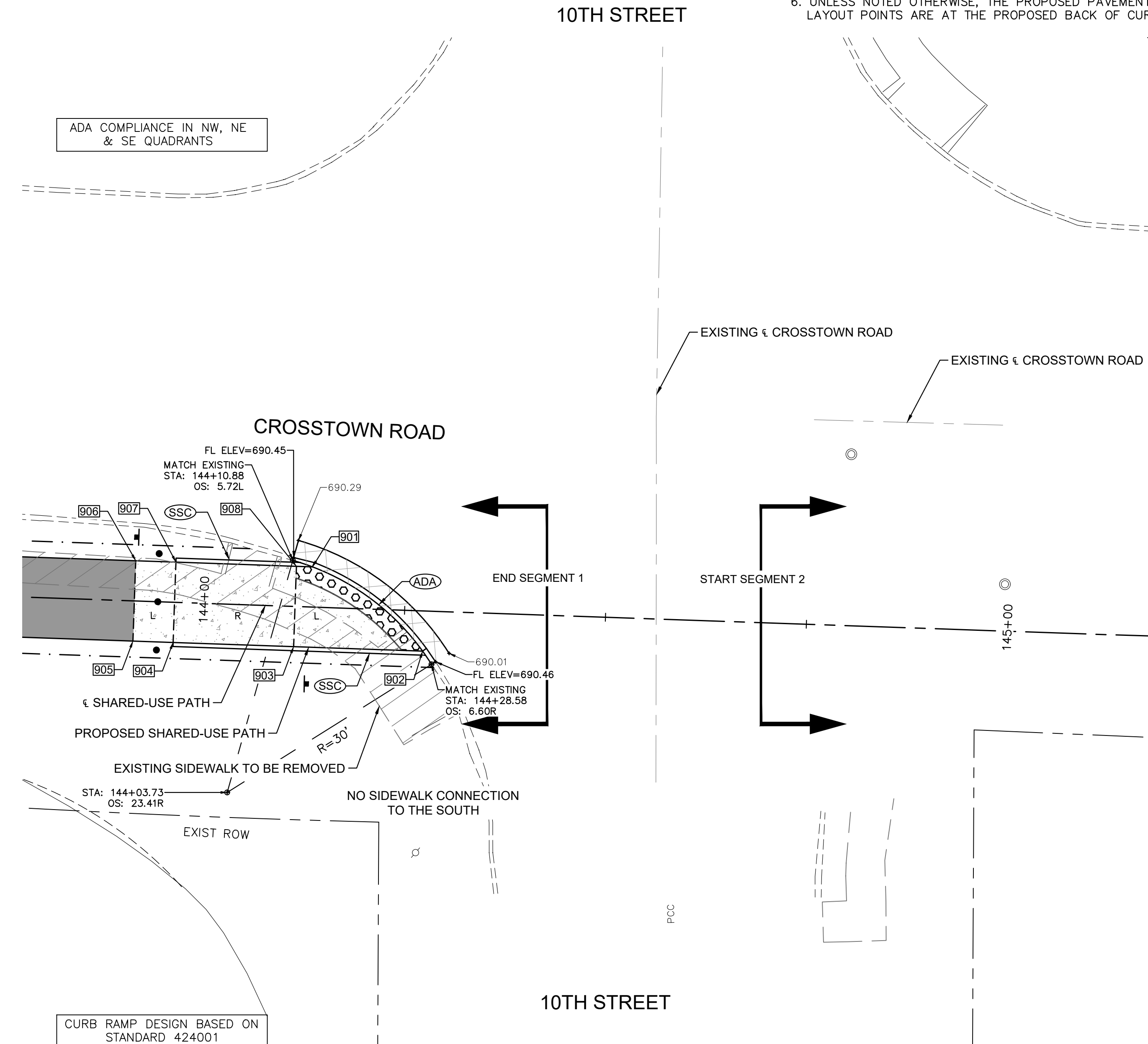
- ADA = PROPOSED ADA DEPRESSED CURB
- SSC = PROPOSED 6" WIDE CONC SIDEWALK SIDE CURB
- R = PROPOSED RAMP
- L = PROPOSED LANDING
- T = PROPOSED TEMPORARY PANEL SEE NOTE 4
- 227 = SIDEWALK ELEVATION POINT LOCATION & NUMBER: LOCATION 01
- 682.73 = PAVEMENT ELEVATION POINT & ELEVATION
- = GRADE REFERENCE LINE
- 1.00% = SLOPE



GENERAL NOTES:

1. ALL SPOT GRADES ARE TOP / EDGE OF PAVEMENT, SIDEWALK BREAKS, TOP / EDGE OF SIDEWALK, AND TOP OF DRIVEWAYS UNLESS NOTED OTHERWISE.
2. ALL ADA RAMPS SHALL HAVE A 1/2" DEPRESSED CURB AND 5% MAX GUTTER SLOPE PER STANDARD 606001.
3. INCLUDE ALL COST FOR 6" WIDE CONCRETE SIDEWALK SIDE CURBS IN THE SIDEWALK UNIT PRICE BID AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
4. TEMPORARY SIDEWALK AREAS ARE DESIGNATED WITH A "T". THESE TEMPORARY AREAS WILL BE REMOVED & REPLACED IN THE FUTURE AS PART OF THE CITY OF EAST MOLINE SIDEWALK TRANSITION PLAN.
5. LANDING (UPPER & LOWER) AND TURNING AREAS ARE DESIGNATED WITH A "L".
6. UNLESS NOTED OTHERWISE, THE PROPOSED PAVEMENT LAYOUT POINTS ARE AT THE PROPOSED BACK OF CURB.

SEE STD 424001 FOR 2' DETECTABLE WARNING DETAIL



**PAVEMENT & SHARED-USE PATH ELEVATIONS
STA. 144+58, CROSSTOWN ROAD & 10TH STREET INTERSECTION**

GRAND ILLINOIS TRAIL - SIDEWALK COMPLIANCE TABLE
10th Street at Crosstown Road

Point	Station	Offset FEET	Elevation FEET	Point to Point	Sidewalk Designation	Distance	Δ Elevation	Slope	Legally Acceptable Range	Remarks
						FT	FT	%	Pos. or Neg.	
10TH ST RT. WEST SIDE:										
901	144+13.35	-5.00	690.38	901 902	Crosswalk Cross Slope - Yield Condition	17.50	0.05	0.3%	0.0% to 2.0%	BOC
902	114+27.41	-5.00	690.43	902 903	Landing/Turning Space	16.06	0.08	-0.5%	0.1% to 2.0%	
903	114+11.35	5.00	690.51	903 904	Ramp Running Slope	15.00	0.62	4.1%	0.5% to 8.3%	
904	143+96.35	5.00	691.13	904 905	Landing/Turning Space	5.00	0.08	1.6%	0.1% to 2.0%	
905	143+91.35	5.00	691.21	905 906	Landing/Turning Space	10.00	-0.15	-1.5%	0.1% to 2.0%	
906	143+91.35	-5.00	691.06	906 907	Landing/Turning Space	5.00	-0.08	-1.6%	0.1% to 2.0%	
907	143+96.35	-5.00	690.98	907 908	Ramp Running Slope	15.00	-0.57	-3.8%	0.5% to 8.3%	
908	144+11.35	-5.00	690.41	908 901	Landing/Turning Space	2.00	-0.03	-1.5%	0.1% to 2.0%	
				903 908	Landing/Turning Space	10.00	-0.10	-1.0%	0.1% to 2.0%	
				904 907	Landing/Turning Space	10.00	-0.15	-1.5%	0.1% to 2.0%	
10TH ST RT. CROSSWALK:										
941	144+11.36	-6.00	690.43	941 942	Sidewalk Running Slope	44.95	0.32	0.7%	0.5% to 5.0%	EX PVT ELEV
942	144+56.31	-6.00	690.75	942 943	Sidewalk Running Slope	42.21	-0.24	-0.6%	0.5% to 5.0%	EX PVT ELEV
943	144+98.52	-6.00	690.51	943 944	Crosswalk Cross Slope - Yield Condition	18.26	0.08	0.4%	0.0% to 2.0%	EX PVT ELEV FL
944	144+85.21	6.00	690.59	944 945	Sidewalk Running Slope	28.92	0.22	0.8%	0.5% to 5.0%	EX PVT ELEV
945	144+56.31	6.00	690.81	945 946	Sidewalk Running Slope	27.42	-0.36	-1.3%	0.5% to 5.0%	EX PVT ELEV
946	144+28.87	6.00	690.45	946 941	Crosswalk Cross Slope - Yield Condition	22.14	-0.02	-0.1%	0.0% to 2.0%	EX PVT ELEV FL
				942 945	Sidewalk Cross Slope	12.00	0.07	0.6%	0.5% to 2.0%	EX PVT ELEV
10TH ST RT. EAST SIDE:										
921	144+86.34	5.00	690.58	921 922	Crosswalk Cross Slope - Yield Condition	15.23	-0.05	-0.3%	0.0% to 2.0%	BOC
922	114+97.60	-5.00	690.53	922 923	Landing/Turning Space	2.00	0.03	1.5%	0.1% to 2.0%	
923	144+99.60	-5.00	690.56	923 924	Ramp Running Slope	10.00	0.56	5.6%	0.5% to 8.3%	
924	145+09.60	-5.00	691.12	924 925	Landing/Turning Space	5.00	0.07	1.4%	0.1% to 2.0%	
925	145+14.64	-5.00	691.19	925 926	Landing/Turning Space	10.00	0.15	1.5%	0.1% to 2.0%	
926	145+14.57	5.00	691.34	926 927	Landing/Turning Space	5.00	-0.07	-1.4%	0.1% to 2.0%	
927	145+09.60	5.00	691.27	927 928	Ramp Running Slope	10.00	-0.62	-6.2%	0.5% to 8.3%	
928	114+99.60	5.00	690.65	928 921	Landing/Turning Space	13.27	-0.07	-0.5%	0.1% to 2.0%	
				923 928	Landing/Turning Space	10.00	0.09	0.9%	0.1% to 2.0%	
				924 927	Landing/Turning Space	10.00	0.15	1.5%	0.1% to 2.0%	

FOR REFERENCE ONLY - NOT FOR CONSTRUCTION

ALL-WAY STOP INTERSECTION

FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR

DESIGNED - NWK

REVISED - -

PLOT SCALE =

DRAWN - NWK

REVISED - -

PLOT DATE = 10/30/2020

CHECKED - LRR

REVISED - -

DATE - 10/30/2020

REVISED - -

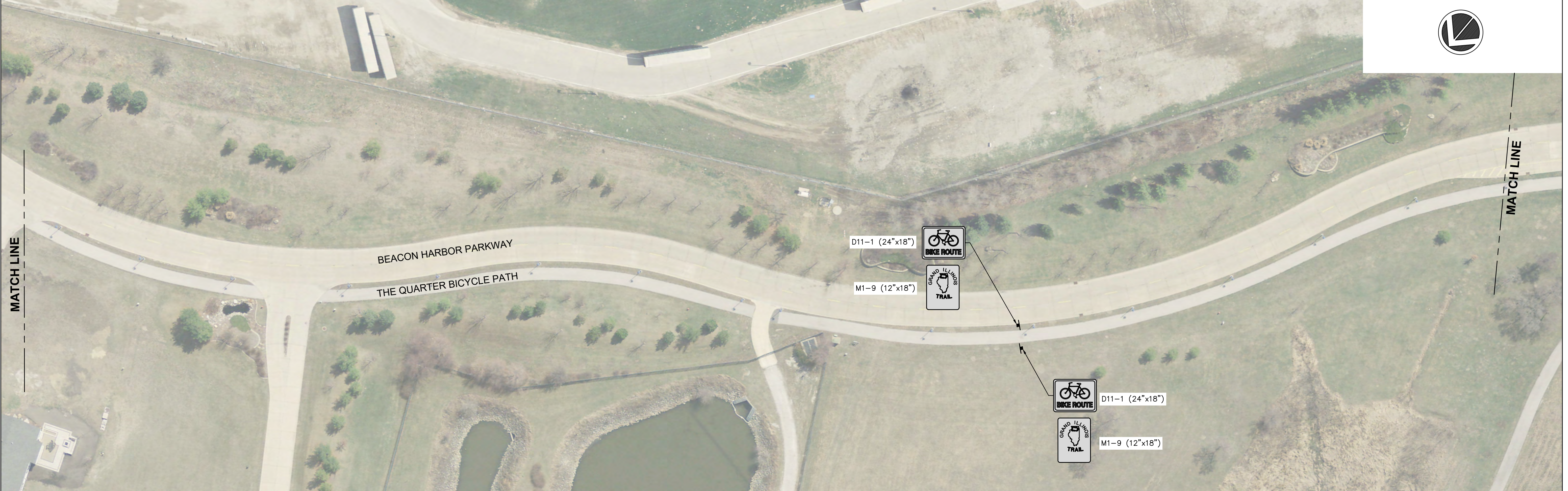
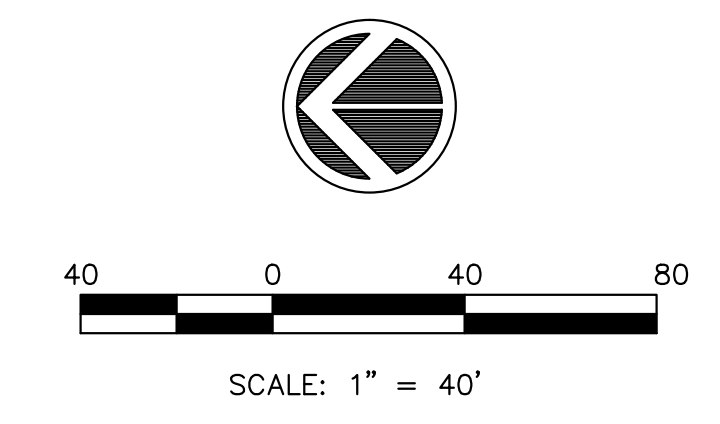


ADA DETAILS

SCALE: SHEET NO. 96 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	ADA9

ILLINOIS FED. AID PROJECT

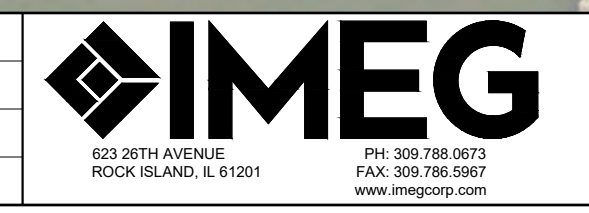


FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

DESIGNED — NWK
DRAWN — NWK
CHECKED — LRR
DATE — 10/30/2020

REVISED — .
REVISED — .
REVISED — .
REVISED — .



PAVEMENT MARKING & SIGNING PLAN

SCALE: SHEET NO. 97 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	PM1

ILLINOIS FED. AID PROJECT



FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

DESIGNED — NWK
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CHECKED — LRR
DATE — 10/30/2020

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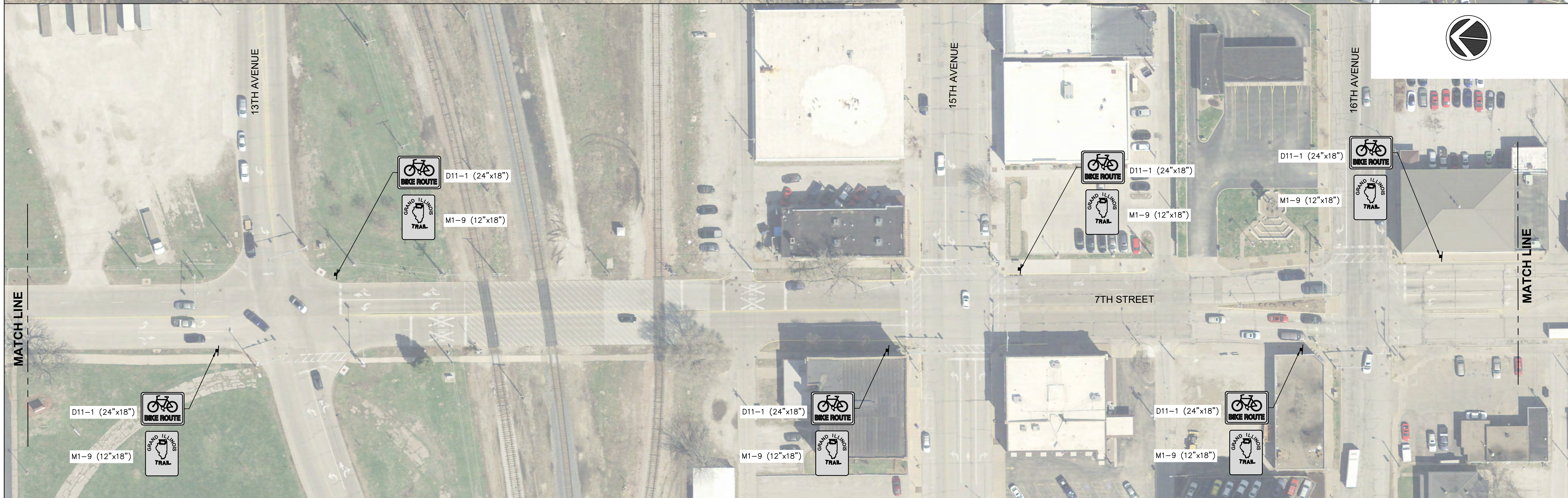


PAVEMENT MARKING & SIGNING PLAN

SCALE: SHEET NO. 98 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	PM2

ILLINOIS FED. AID PROJECT



FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

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DRAWN — NWK
CHECKED — LRR
DATE — 10/30/2020

REVISED —
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REVISED —

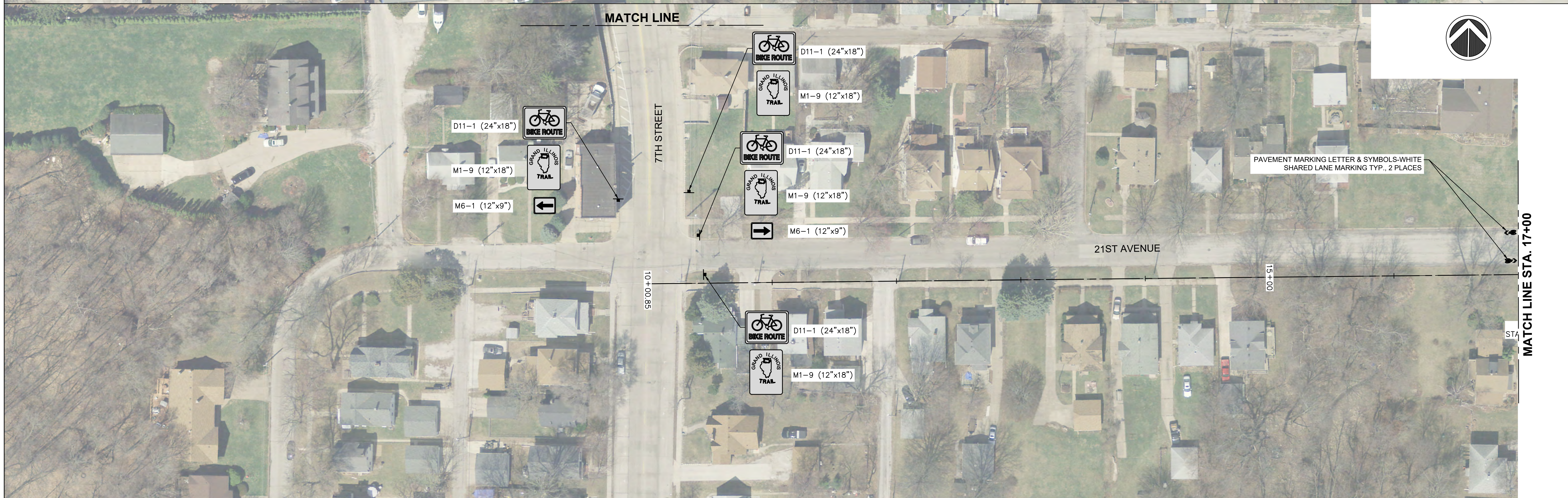
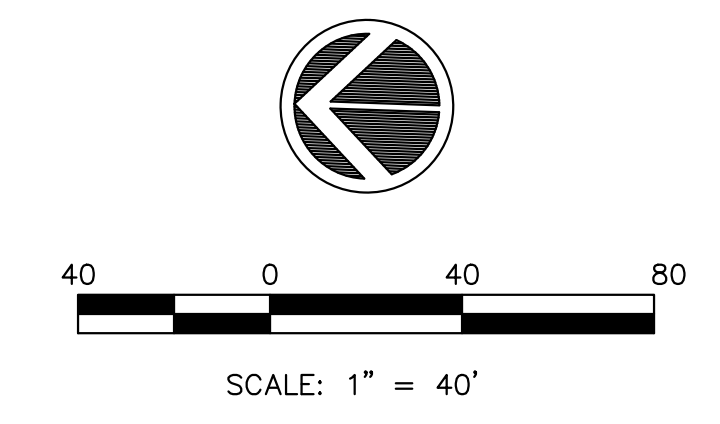


PAVEMENT MARKING & SIGNING PLAN

SCALE: SHEET NO. 99 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	PM3

ILLINOIS FED. AID PROJECT



FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

DESIGNED — NWK
DRAWN — NWK
CHECKED — LRR
DATE — 10/30/2020

REVISED —
REVISED —
REVISED —
REVISED —



PAVEMENT MARKING & SIGNING PLAN

SCALE: SHEET NO. 100 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	PM4

ILLINOIS FED. AID PROJECT



FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

DESIGNED — NWK
DRAWN — NWK
CHECKED — LRR
DATE — 10/30/2020

REVISED —
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REVISED —

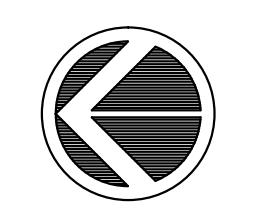
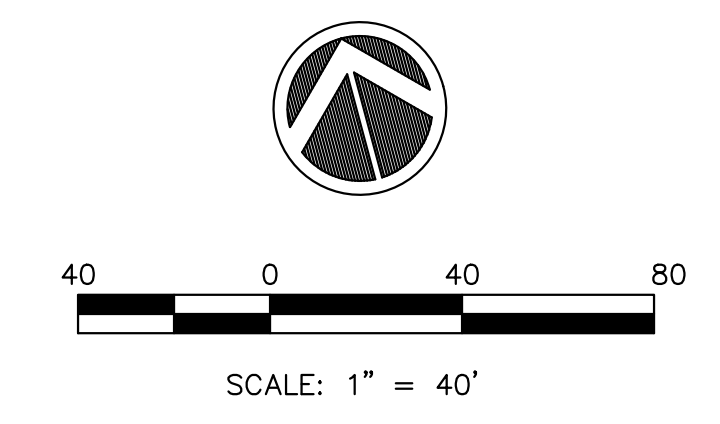
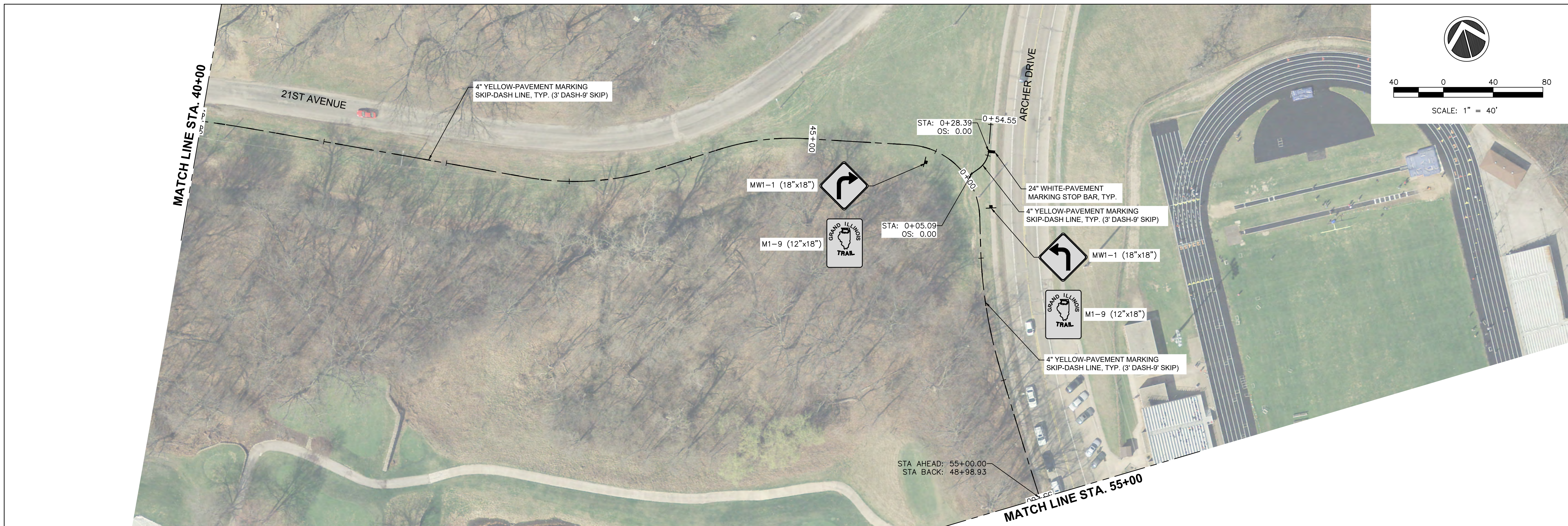


PAVEMENT MARKING & SIGNING PLAN

SCALE: SHEET NO. 101 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	PM5

ILLINOIS FED. AID PROJECT



FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

DESIGNED — NWK
DRAWN — NWK
CHECKED — LRR
DATE — 10/30/2020

REVISED —
REVISED —
REVISED —
REVISED —

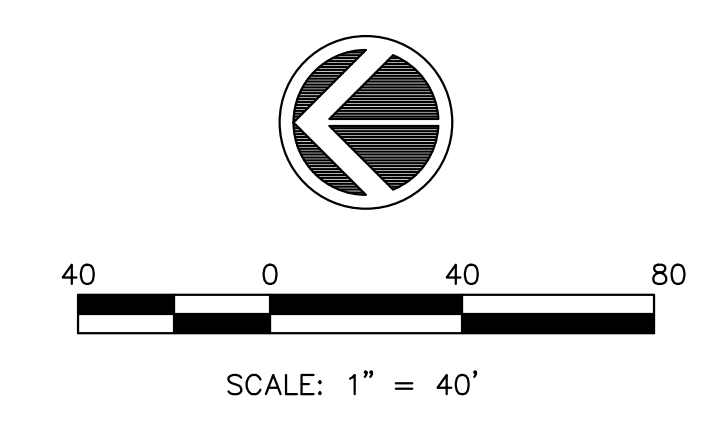
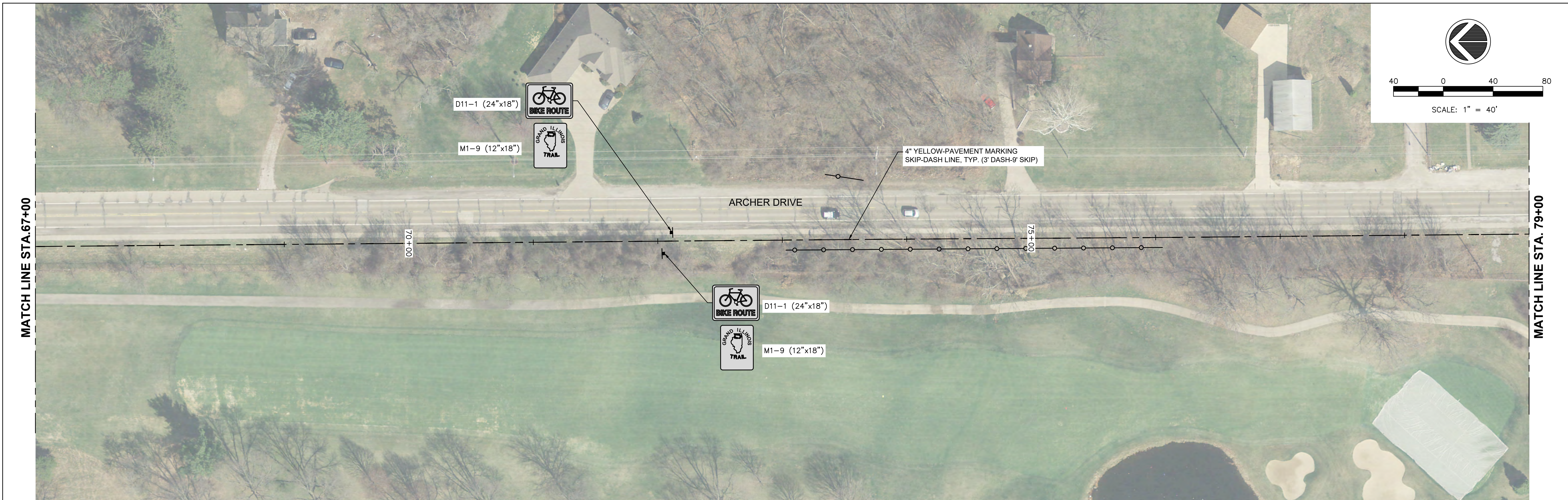


PAVEMENT MARKING & SIGNING PLAN

SCALE: SHEET NO. 102 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	PM6

ILLINOIS FED. AID PROJECT



FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

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DRAWN — NWK
CHECKED — LRR
DATE — 10/30/2020

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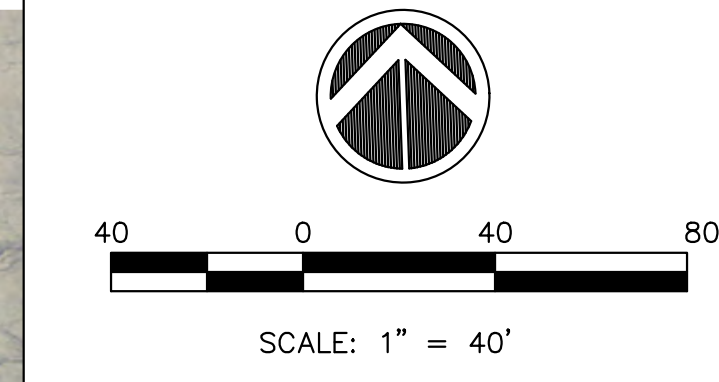


PAVEMENT MARKING & SIGNING PLAN
SCALE: SHEET NO. 103 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	PM7

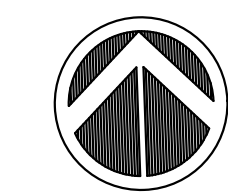
ILLINOIS FED. AID PROJECT

MATCH LINE STA. 91+00



MATCH LINE STA. 105+00

MATCH LINE STA. 105+00



MATCH LINE STA. 117+50

FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR

DESIGNED — NWK

REVISED —

PLOT SCALE =

DRAWN — NWK

REVISED —

PLOT DATE = 10/30/2020

CHECKED — LRR

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DATE — 10/30/2020

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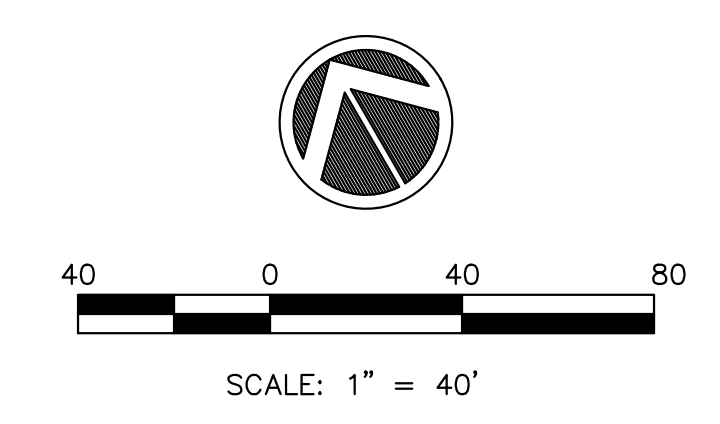


PAVEMENT MARKING & SIGNING PLAN

SCALE: SHEET NO. 104 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	PM8

ILLINOIS FED. AID PROJECT

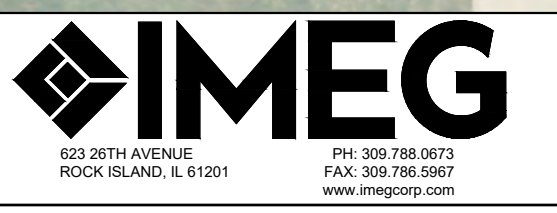


FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

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DRAWN — NWK
CHECKED — LRR
DATE — 10/30/2020

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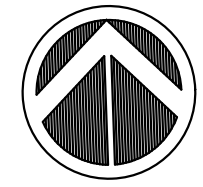


PAVEMENT MARKING & SIGNING PLAN

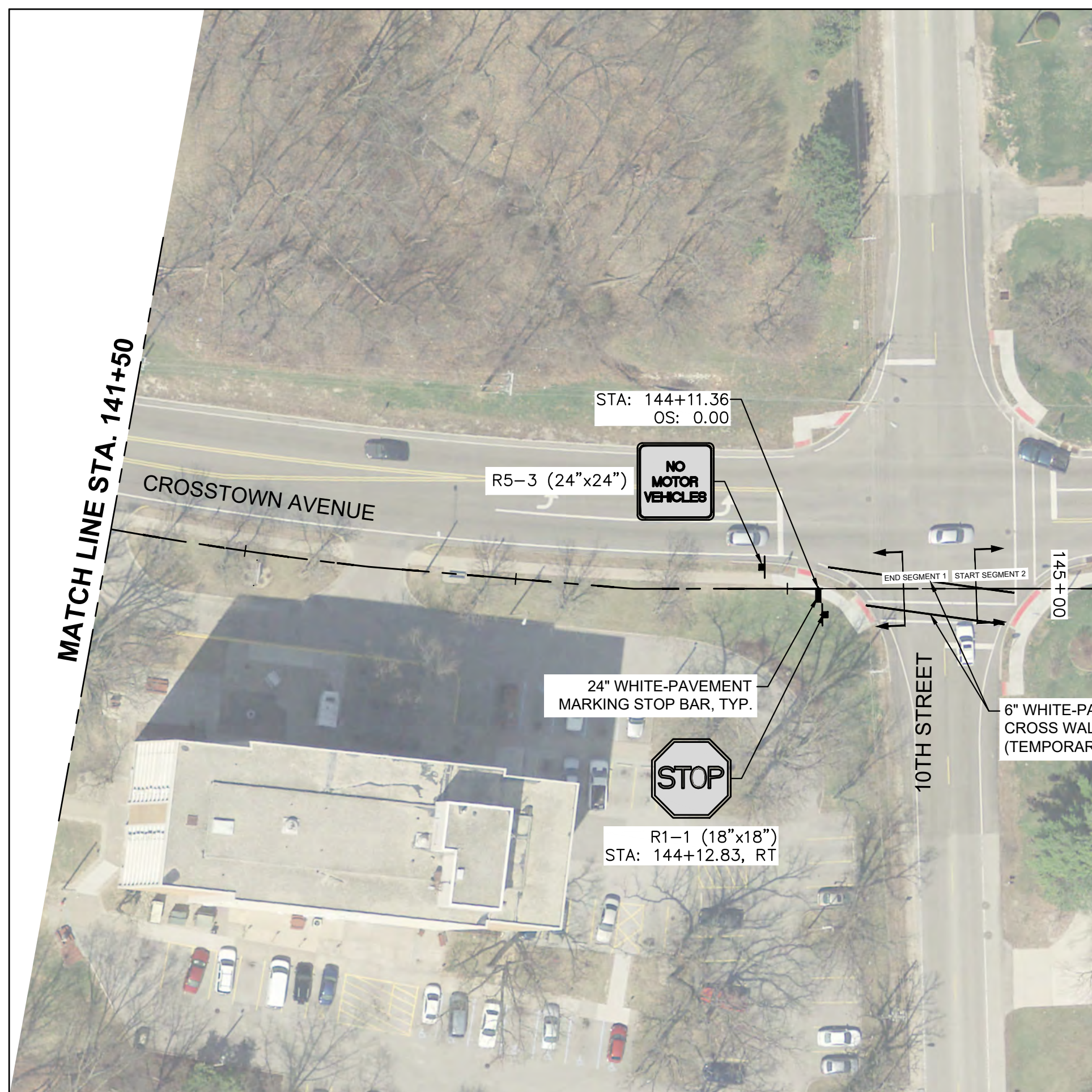
SCALE: SHEET NO. 105 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	PM9

ILLINOIS FED. AID PROJECT



SCALE: 1" = 40'



FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR

DESIGNED — NWK

REVISED — -

DRAWN — NWK

REVISED — -

PLOT SCALE =

CHECKED — LRR

REVISED — -

PLOT DATE = 10/30/2020

DATE — 10/30/2020

REVISED — -

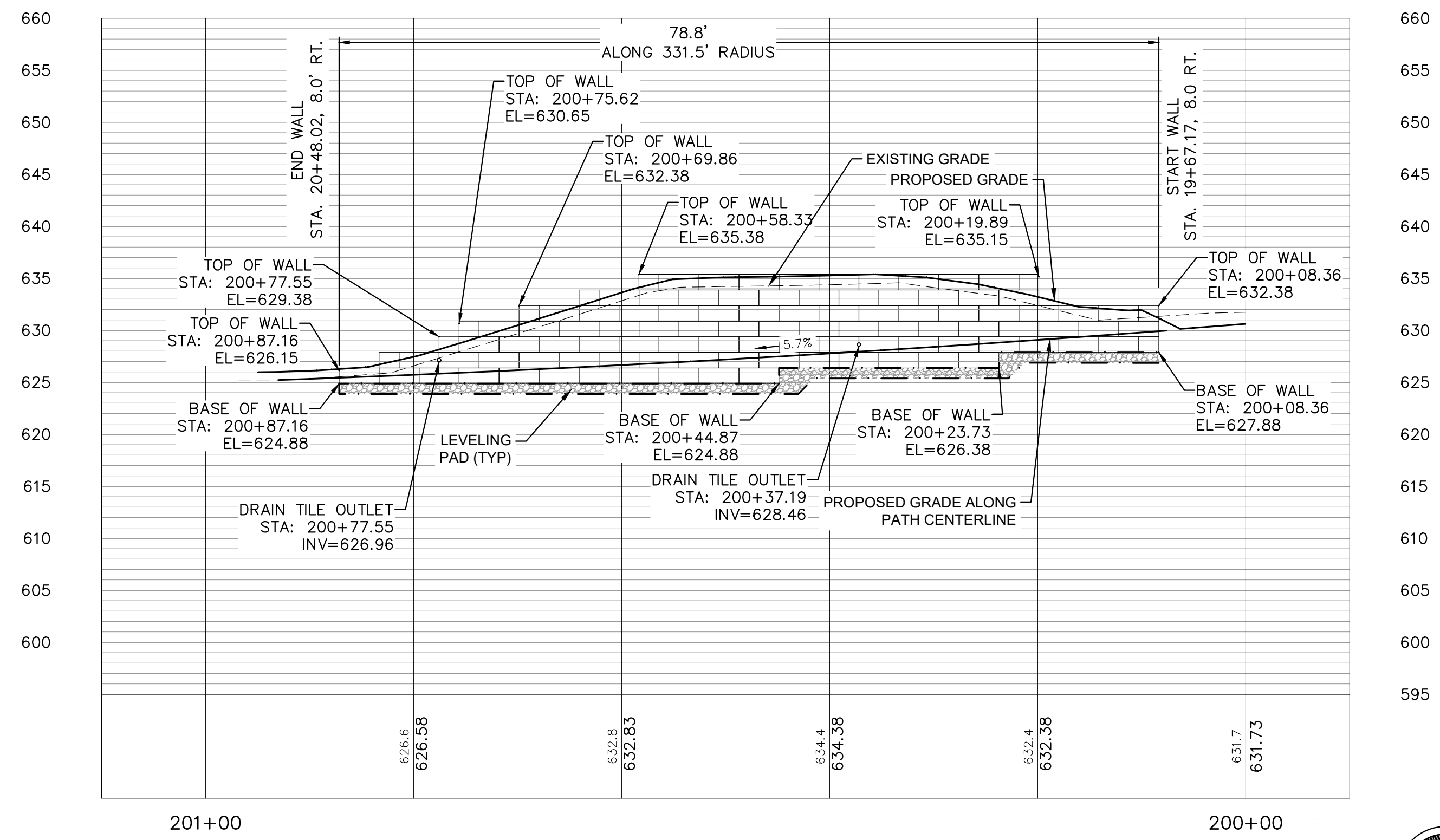


PAVEMENT MARKING & SIGNING PLAN

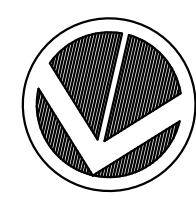
SCALE: SHEET NO. 106 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	PM10

ILLINOIS FED. AID PROJECT



ELEVATION - RETAINING WALL
SCALE 1" = 10'-0" (LOOKING SOUTH)



SCALE: 1" = 10'

GENERAL NOTES

- ALL IMPROVEMENTS SHOWN ON THESE ENGINEERING PLANS SHALL COMPLY WITH THE CITY OF **EAST MOLINE** AND CITY OF **SILVIS** DESIGN AND SPECIFICATIONS, LATEST EDITION, AND THE STANDARDS OF THE **ILLINOIS** DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
- UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS, REVIEW OF EXISTING PUBLIC RECORDS, AND FIELD INVESTIGATION. THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH PRESENTLY IS NOT KNOWN OR SHOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT EACH UTILITY COMPANY FOR THE FIELD LOCATION OF THEIR EXISTING LINES IN OR NEARBY THE CONSTRUCTION AREA PRIOR TO BEGINNING ANY CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL EXISTING UTILITIES AND PAVED STREETS, INCLUDING ANY NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER IF ANY CONFLICTS WITH THE DRAWINGS OCCUR. ANY DAMAGE TO EXISTING UTILITIES AND/OR PAVED STREETS CAUSED BY TRENCHING AND GRADING OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. EXISTING UTILITY LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE.
- PROVIDE POSITIVE DRAINAGE AT ALL TIMES WITHIN THE CONSTRUCTION AREAS. NOT ALLOWING WATER TO POND. DO NOT ALLOW WATER TO DRAIN OR TO POND ONTO ADJOINING PROPERTY OR PUBLIC RIGHT-OF-WAY.
- ALL DEBRIS RESULTING FROM CONSTRUCTION OPERATIONS SHALL BE PROPERLY DISPOSED OF OFF-SITE.
- THE CONTRACTOR SHALL EXERCISE PROPER CAUTION TO PROTECT THE EXISTING IMPROVEMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE.

SHEET PILE NOTES

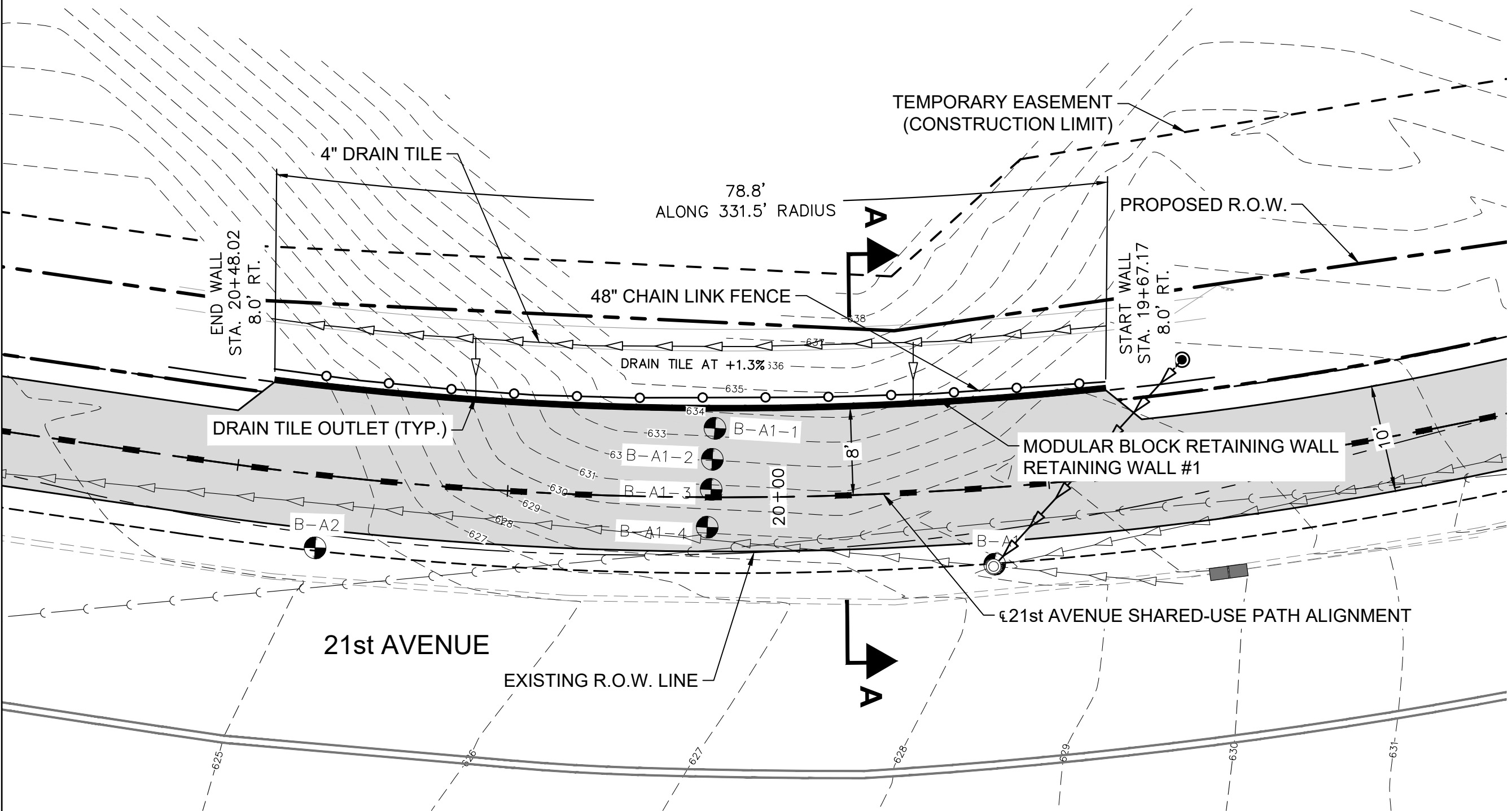
- PERMANENT SHEET PILING SHALL BE IN CONFORMANCE WITH SECTION 1006.05 OF THE IDOT STANDARD SPECIFICATIONS. PERMANENT SHEEL PILING SHALL CONSIST OF HOT-ROLLED STEEL SHEET PILING OF THE SECTION PROPERTIES SHOWN.
- THE PERMANENT SHEET PILING SHALL BE SELF WEATHERING, A588
- THE PILING SHALL BE FURNISHED, STORED, HANDLED, AND DRIVEN IN ACCORDANCE WITH SECTION 512 OF THE IDOT STANDARD SPECIFICATIONS. PILING SHALL BE DRIVEN USING A TEMPLATE TO ASSURE PROPER POSITIONING AND CORRECT ALIGNMENT. PILING THAT IS BADLY OUT OF ALIGNMENT WILL BE PULLED AND RE-DRIVEN AT THE CONTRACTORS EXPENSE.
- CONTRACTOR SHALL MAINTAIN A DAILY LOG OF DRIVING RECORDS FOR EACH FOOT OF THE FINAL 10 FEET OF SHEET PILING AND PROVIDE THE RECORDS TO THE ENGINEER ON A DAILY BASIS.

MODULAR BLOCK NOTES

- WORK SHALL CONSIST OF FURNISHING AND INSTALLING A GRAVITY RETAINING WALL AS IDENTIFIED ON THE PLANS, CONSISTING OF CONCRETE MODULAR BLOCKS TO THE LINES AND GRADES SHOWN ON THE CONSTRUCTION PLANS. THIS SHALL INCLUDE CONSTRUCTION OF THE BASE LEVELING PAD, INSTALLATION OF THE BLOCKS, GRANULAR BACKFILL, 4" DRAIN TILE, MISC. DRAIN RECONNECTS & WALL PENETRATIONS.

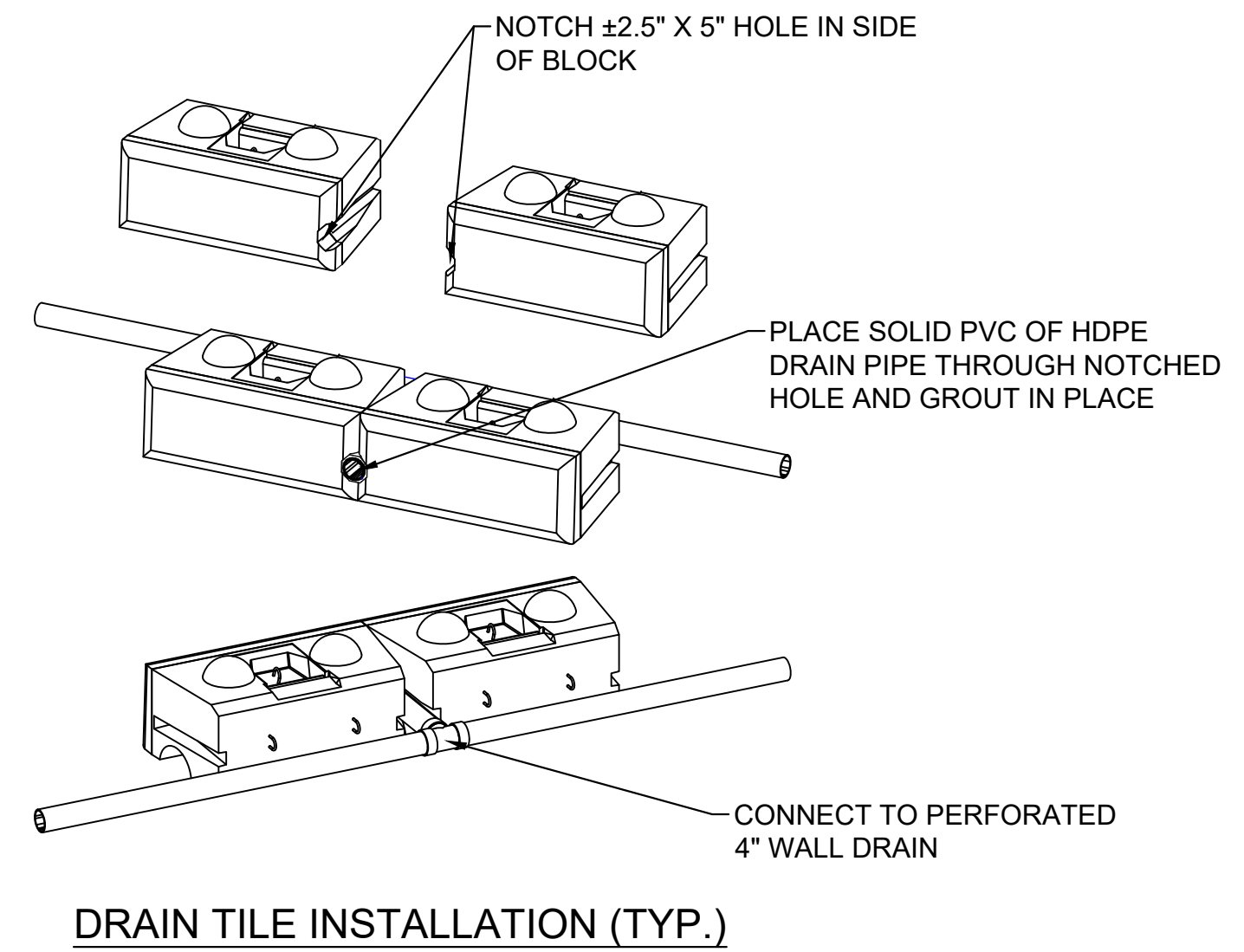
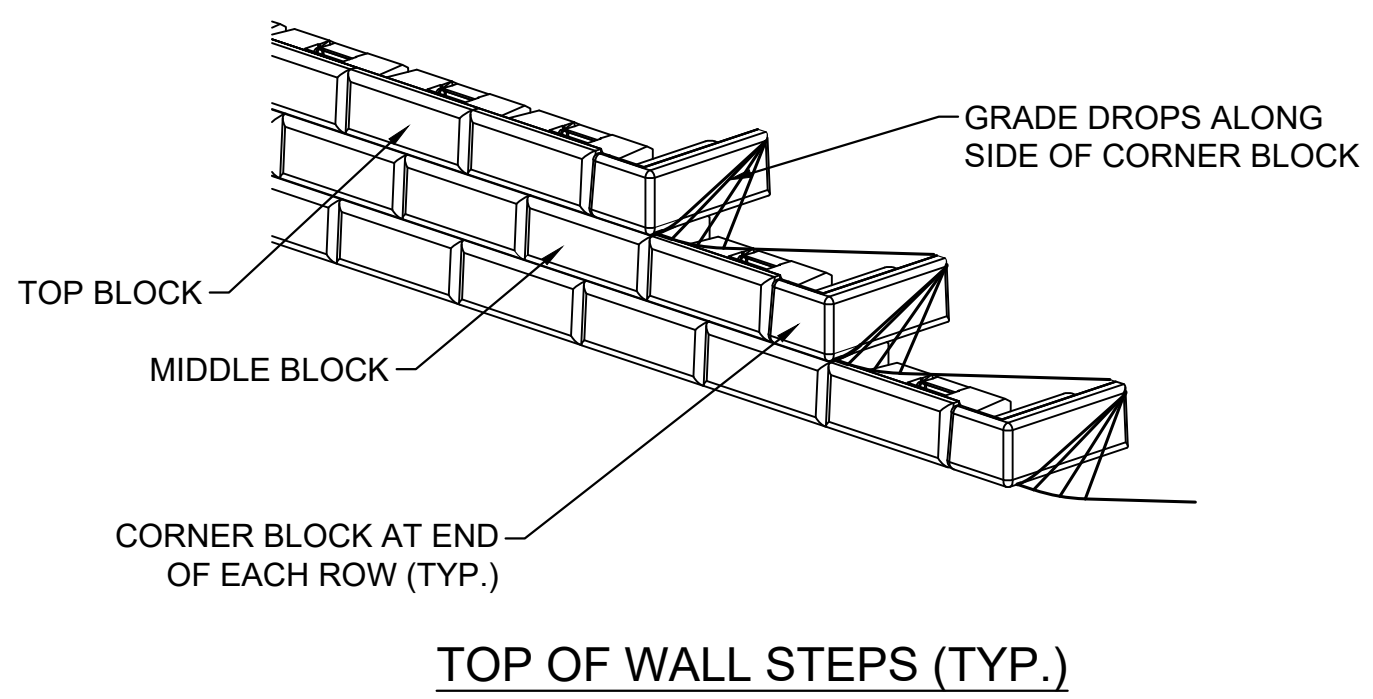
THE CONCRETE MODULAR BLOCK WALL SYSTEM SHALL MEET THE FOLLOWING REQUIREMENTS:

- CONCRETE BLOCK: 3000 PSI 28 DAY COMPRESSIVE STRENGTH, 4.5 TO 7.5 PERCENT ENTRAINED AIR BY VOLUME, WEIGHING 145 LBS/CF. TEXTURE: TO BE DECIDED BY THE OWNER
- THE RETAINING WALL SHALL BE CONSTRUCTED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. INSTALLER OF WALL SYSTEM SHALL HAVE HAD PREVIOUS EXPERIENCE WITH THIS TYPE OF WALL CONSTRUCTION.
 - CONTRACTOR SHALL COORDINATE WALL FINISH AND COLOR WITH THE OWNER.
 - THE CONTRACTOR SHALL EXCAVATE TO THE LINES SHOWN ON THE PLANS BEING CAREFUL NOT TO DISTURB EMBANKMENT MATERIALS BEYOND LIMITS NEEDED. OVER EXCAVATION SHALL NOT BE PAID FOR, AND REPLACEMENT WITH COMPACTED FILL AND/OR WALL SYSTEM COMPONENTS WILL BE REQUIRED AT CONTRACTOR EXPENSE. THE COST OF EXCAVATION BEHIND THE RETAINING WALL SHALL BE INCIDENTAL TO THIS PAY ITEM. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ANY TEMPORARY SHORING REQUIRED TO MAINTAIN EXCAVATION AND/OR PROTECT ADJACENT PROPERTY AND UTILITIES.
 - THE BASE LEVELING PAD SHALL BE CONSTRUCTED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS AND SHALL BE A MINIMUM THICKNESS OF 1 FOOT OF COMPACTED CRUSHED STONE, OR CA-6, AND COMPACTED TO 98% STANDARD PROCTOR DRY DENSITY OR THE SATISFACTION OF THE ENGINEER. THE MATERIALS SHALL BE COMPACTED SO AS TO PROVIDE A LEVEL HARD SURFACE ON WHICH TO PLACE THE FIRST COURSE OF UNITS. THE COST OF THE LEVELING PAD SHALL BE INCLUDED IN THIS PAY ITEM.
 - ALL DISTURBED AREAS SHALL BE GRADED SMOOTH AND READY TO BE SEEDED OR PAVED.
 - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND ADJUST EXISTING UTILITIES. IF INTERRUPTION OF SERVICES IS WARRANTED, A 48 HOUR NOTICE IS REQUIRED.
 - NO DEBRIS OR MATERIALS ARE TO BE STORED OR LEFT ON-SITE OR ON ADJACENT PROPERTIES WITHOUT PERMISSION FROM THE OWNER.
 - STATIONS AT STEPS IN TOP OF WALL AND BASED ON NOMINAL BLOCK SIZES AND ARE GIVEN FOR REFERENCE ONLY. CONTRACTOR SHALL VARY SLIGHTLY ACCORDING TO ACTUAL DIMENSIONS OF BLOCK BEING INSTALLED.



PLAN - RETAINING WALL
SCALE 1" = 10'-0"

SECTION A-A
SEE SHEET RW6



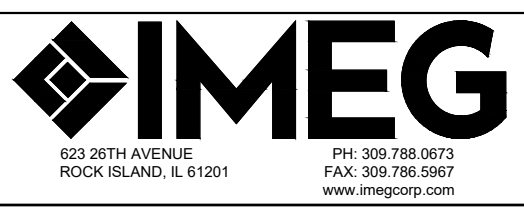
- GENERAL NOTES:**
- STATIONS AT STEPS IN TOP OF WALL AND BASE OF WALL ARE BASED ON NOMINAL BLOCK SIZES AND ARE GIVEN FOR REFERENCE ONLY. CONTRACTOR SHALL VARY SLIGHTLY ACCORDING TO ACTUAL DIMENSIONS OF BLOCK BEING INSTALLED.
 - BORING LOCATIONS APPROXIMATED
 - CONTRACTOR TO PROTECT ALL EXISTING UTILITIES

FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

DESIGNED — NWK
DRAWN — NWK
CHECKED — LRR
DATE — 10/30/2020

REVISED —
REVISED —
REVISED —
REVISED —

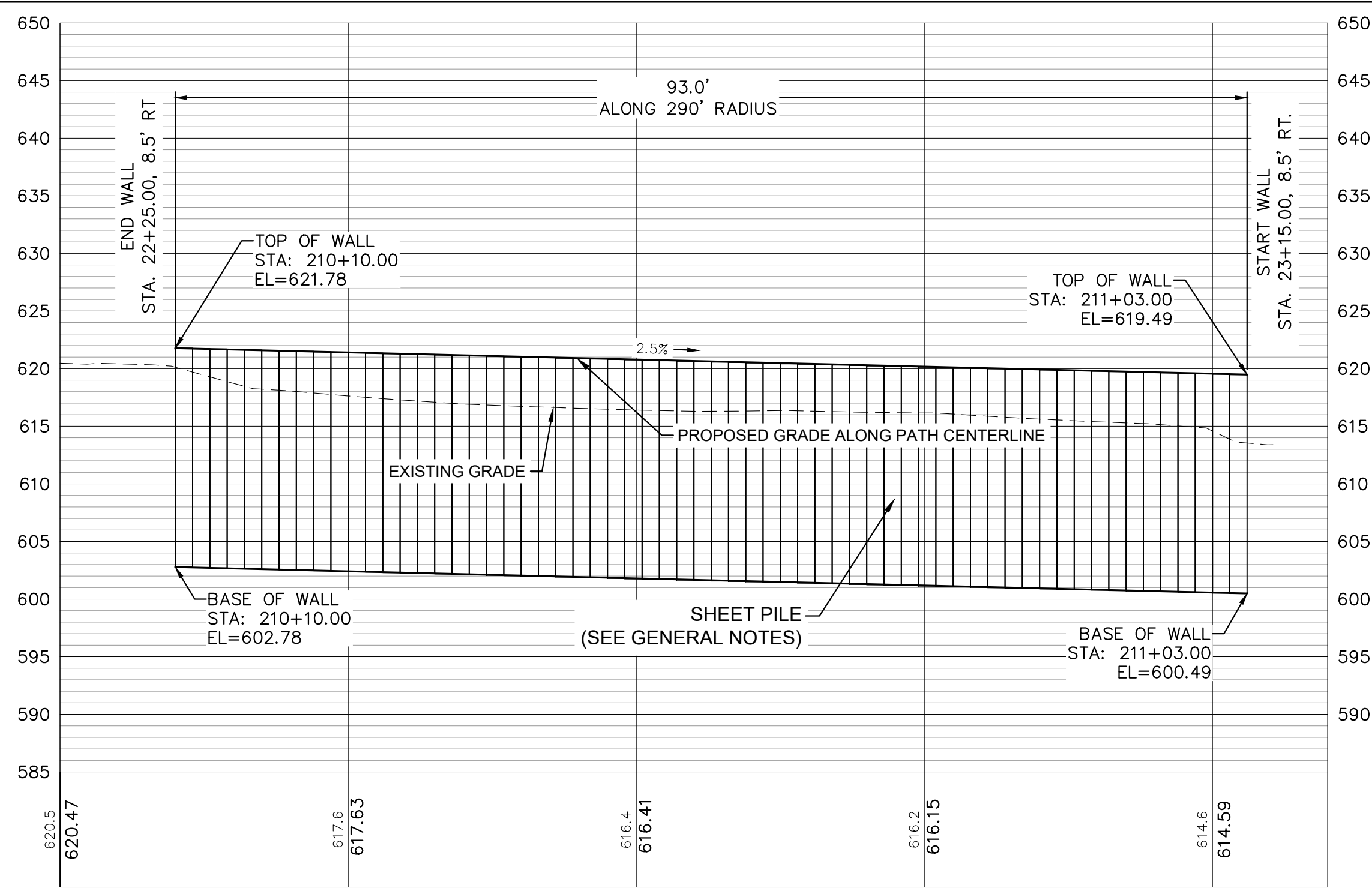


RETAIN WALL 1 PLAN AND PROFILE

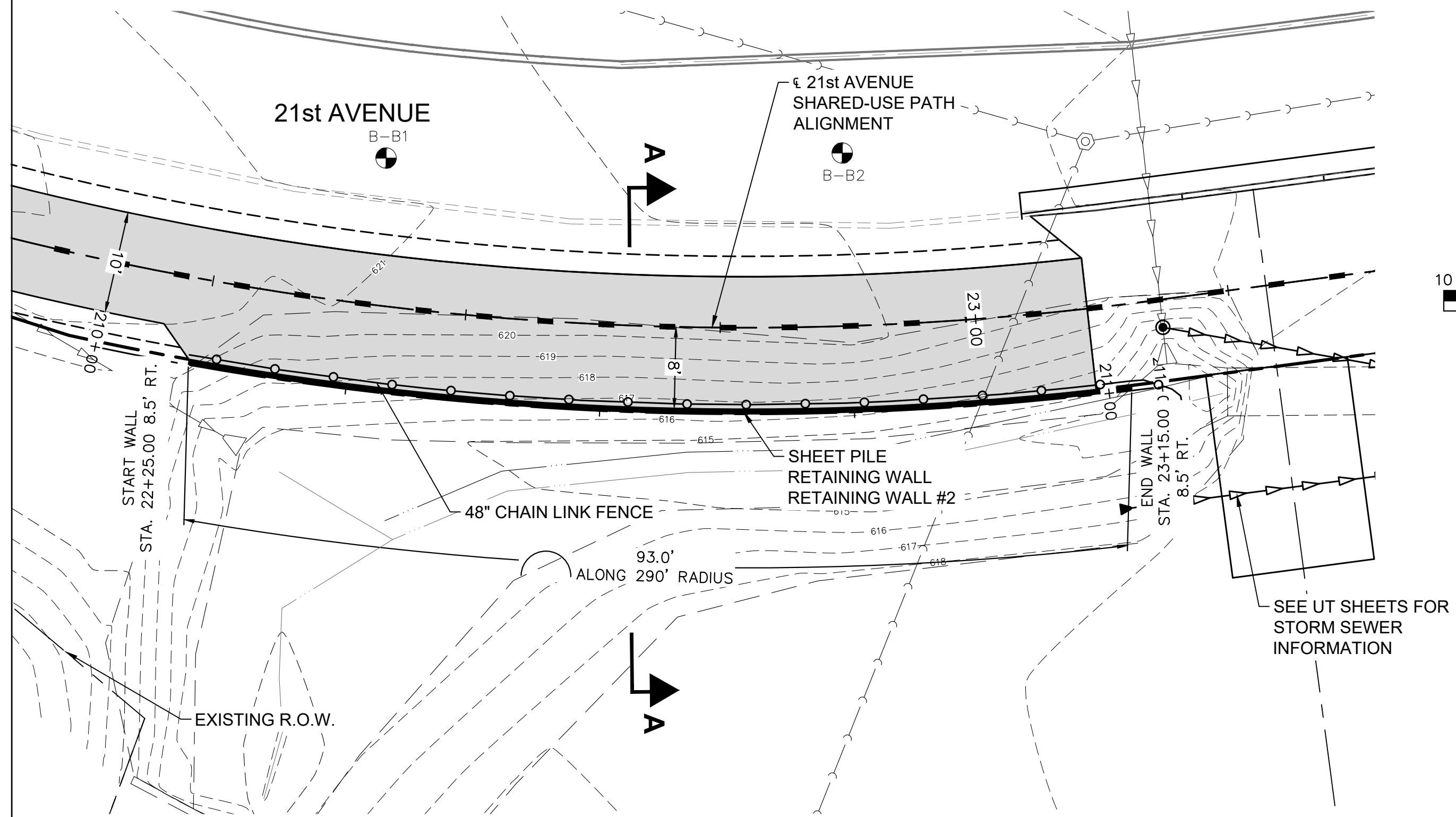
SCALE: SHEET NO. 107 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	RW1

ILLINOIS FED. AID PROJECT

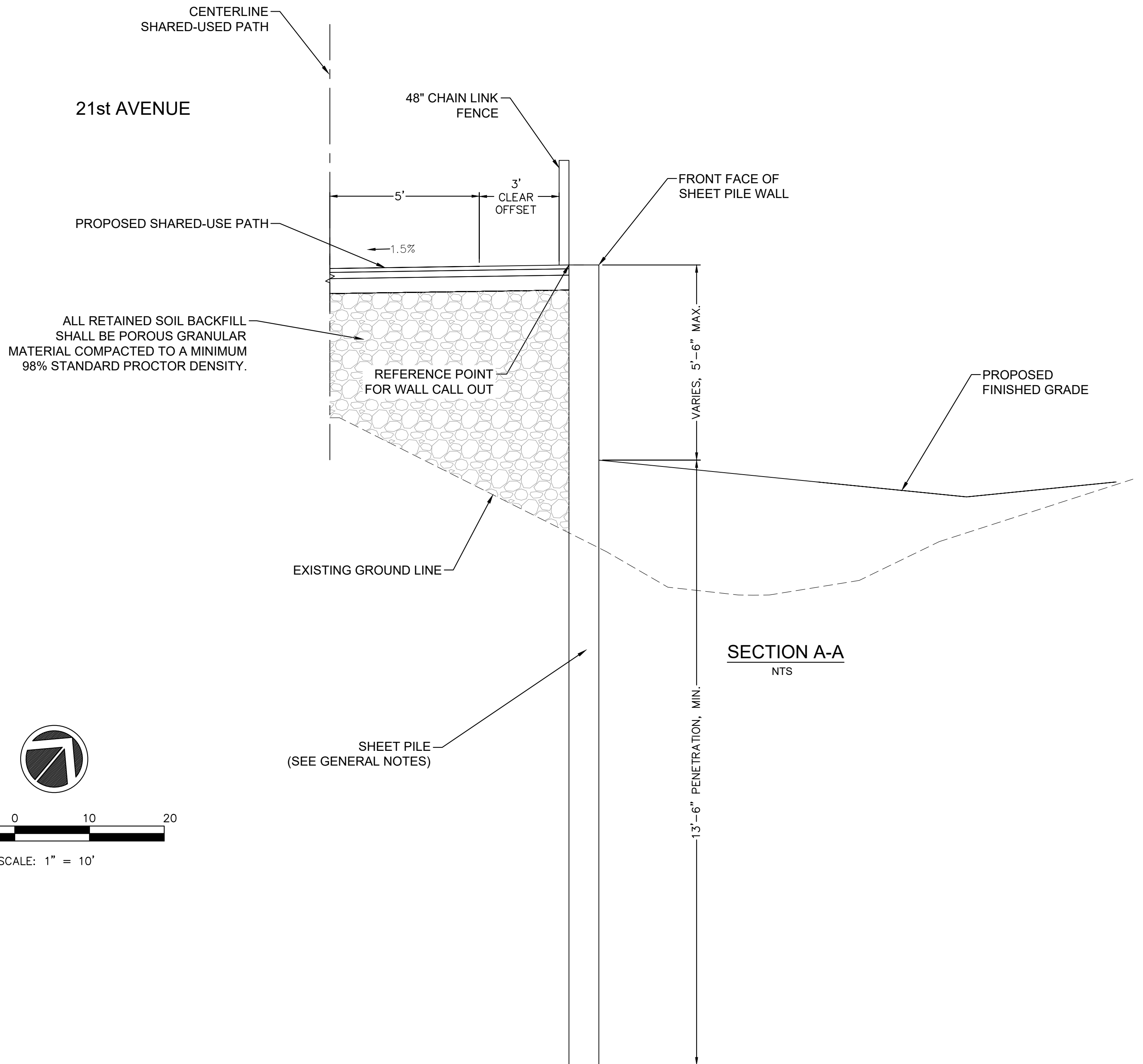


ELEVATION - RETAINING WALL
SCALE 1" = 10'-0" (LOOKING NORTH)

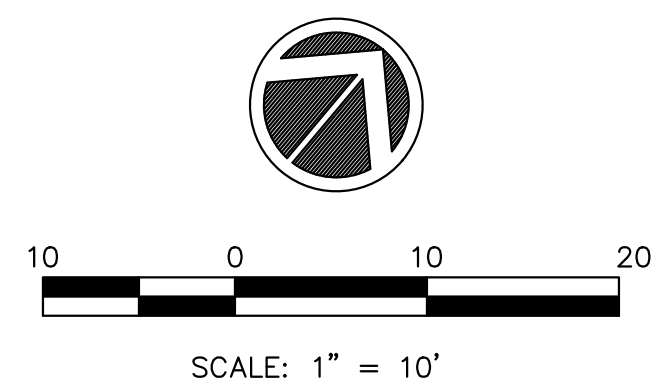


PLAN - RETAINING WALL
SCALE 1" = 10'-0"

- GENERAL NOTES:**
1. THE SHEET PILE WALL SHALL HAVE A MINIMUM ELASTIC SECTION MODULUS OF 30.2 IN³/FT
 2. BORING LOCATIONS APPROXIMATED
 3. CONTRACTOR TO SUPPLY SHOP DRAWINGS FOR THE METHOD OF PASSING UTILITIES THROUGH SHEET PILE WALL
 4. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR THE METHOD OF ANCHORING PEDESTRIAN RAIL POSTS
 5. CONTRACTOR TO PROTECT EXISTING UTILITIES



SECTION A-A
NTS



FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

DESIGNED — NWK
DRAWN — NWK
CHECKED — LRR
DATE — 10/30/2020

REVISED —
REVISED —
REVISED —
REVISED —

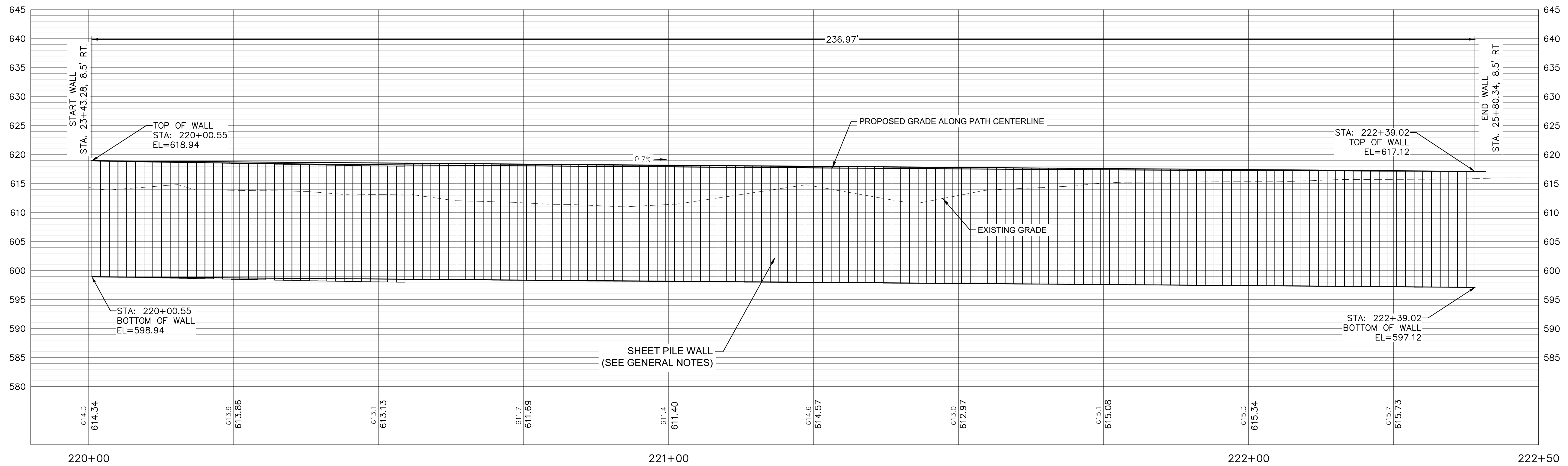


RETAIN WALL 2 PLAN AND PROFILE

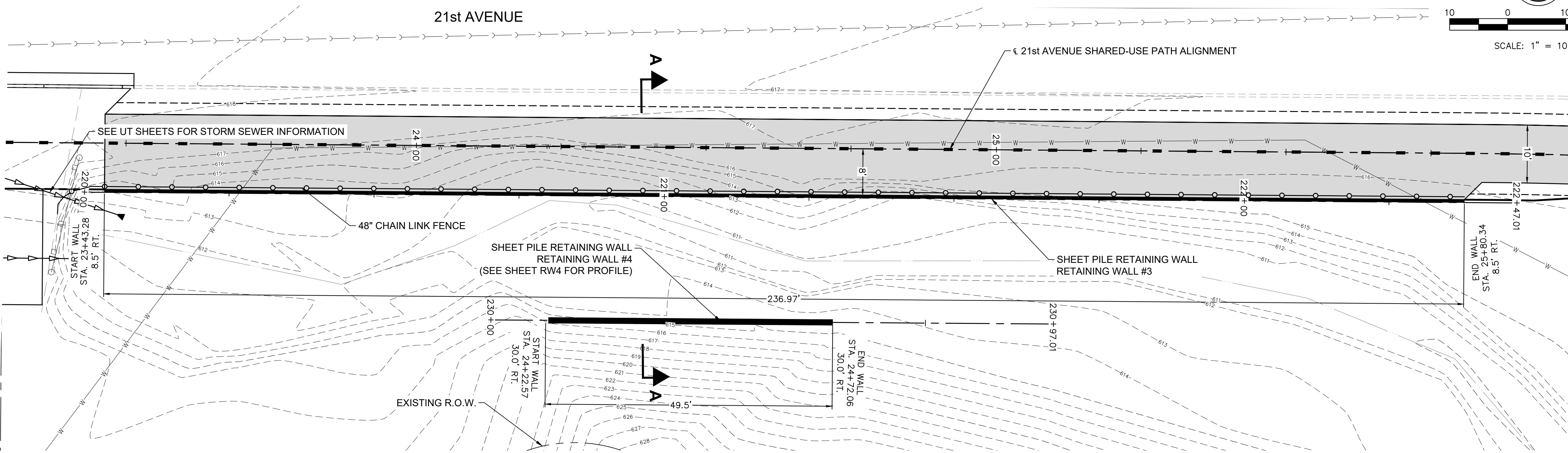
SCALE: SHEET NO. 108 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	RW2

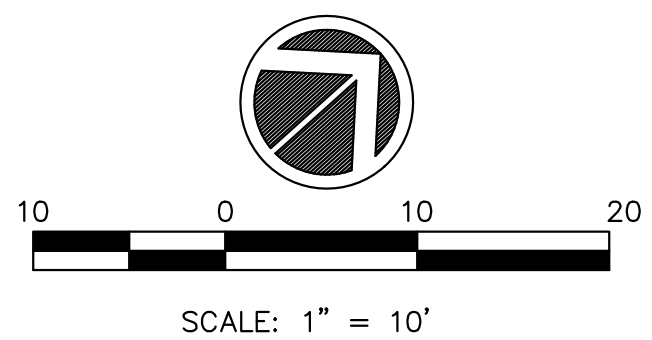
ILLINOIS FED. AID PROJECT



ELEVATION - RETAINING WALL
SCALE 1" = 10'-0" (LOOKING NORTH)



PLAN - RETAINING WALL
SCALE 1" = 10'-0"



- GENERAL NOTES:**
1. THE SHEET PILE WALL SHALL HAVE A MINIMUM ELASTIC SECTION MODULUS OF 30.2 IN³/FT
 2. BORING LOCATIONS APPROXIMATED
 3. CONTRACTOR TO SUPPLY SHOP DRAWINGS FOR THE METHOD OF PASSING UTILITIES THROUGH SHEET PILE WALL
 4. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR THE METHOD OF ANCHORING PEDESTRIAN RAIL POSTS
 5. CONTRACTOR TO PROTECT EXISTING UTILITIES

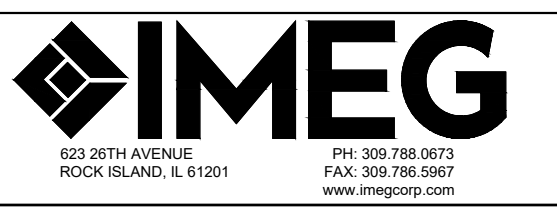
SECTION A-A
SEE SHEET RW4

FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

DESIGNED — NWK
DRAWN — NWK
CHECKED — LRR
DATE — 10/30/2020

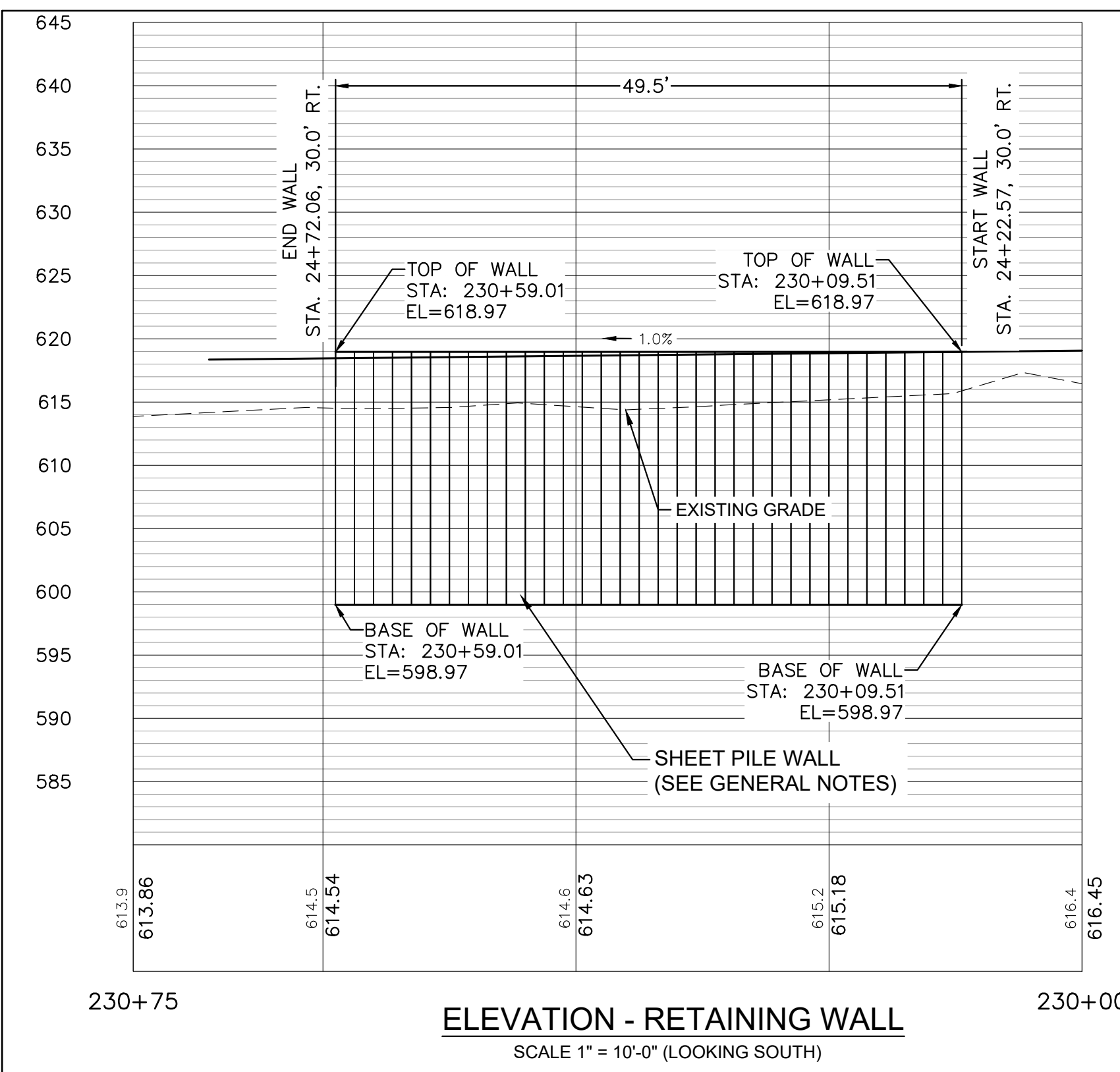
REVISED —
REVISED —
REVISED —
REVISED —



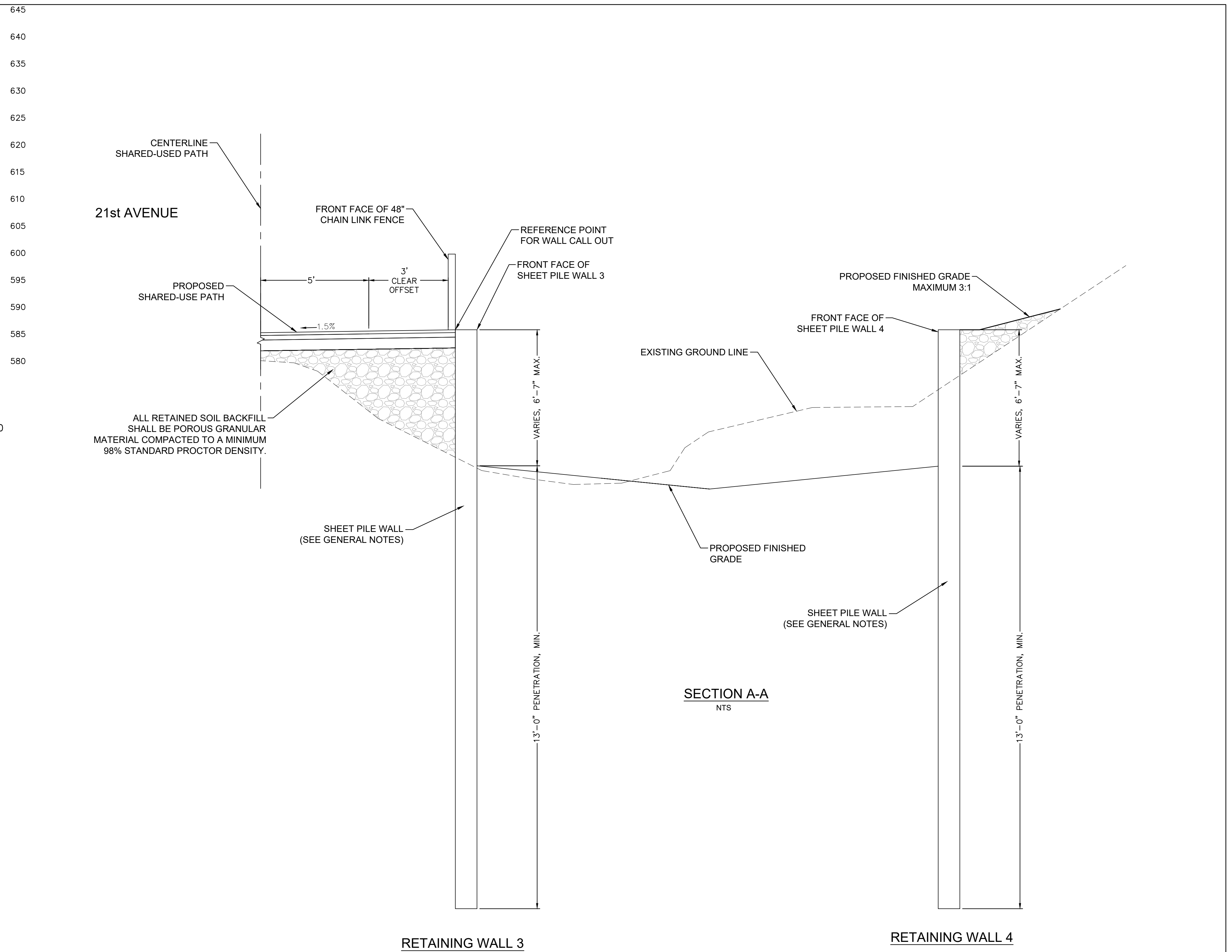
RETAIN WALL 3 & 4 PLAN AND PROFILE

SCALE: SHEET NO. 109 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	RW3



ELEVATION - RETAINING WALL
SCALE 1" = 10'-0" (LOOKING SOUTH)



RETAINING WALL 3

RETAINING WALL 4

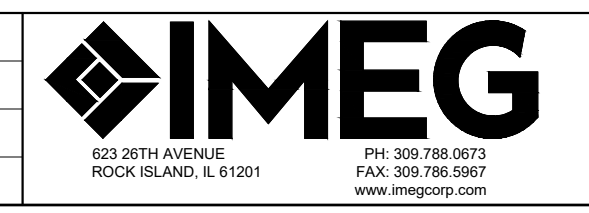
- GENERAL NOTES:**
1. THE SHEET PILE WALL SHALL HAVE A MINIMUM ELASTIC SECTION MODULUS OF 30.2 IN³/FT
 2. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR THE METHOD OF ANCHORING PEDESTRIAN RAIL POSTS
 3. CONTRACTOR TO PROTECT EXISTING UTILITIES

FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

DESIGNED — NWK
DRAWN — NWK
CHECKED — LRR
DATE — 10/30/2020

REVISED — .
REVISED — .
REVISED — .
REVISED — .

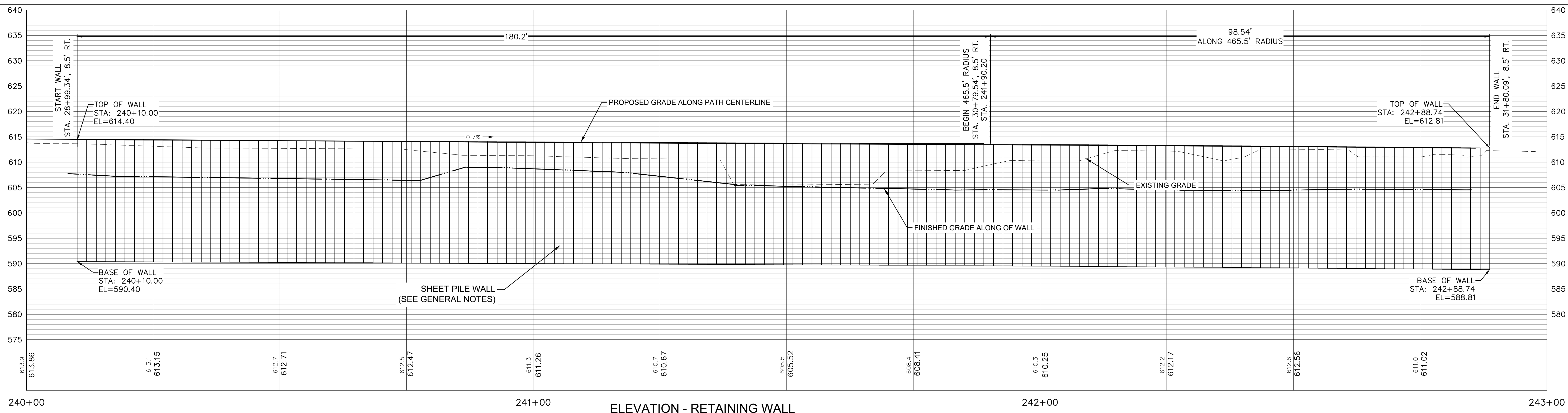


RETAIN WALL 3 & 4 PLAN AND PROFILE

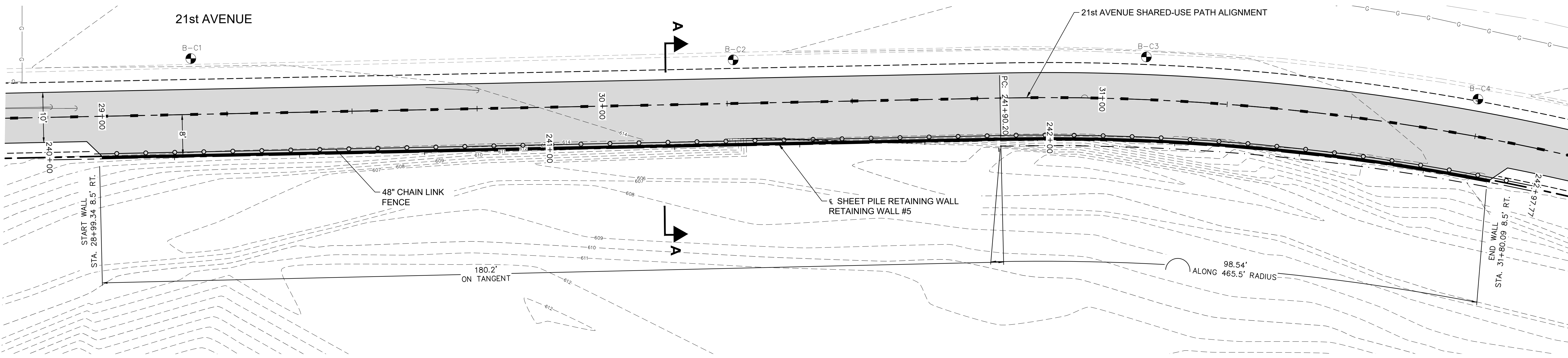
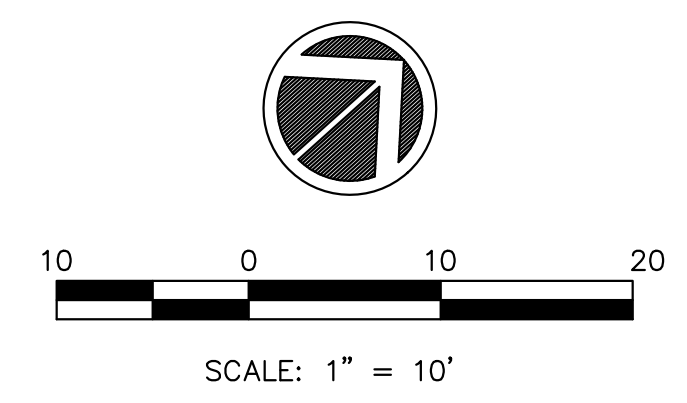
SCALE: SHEET NO. 110 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	RW4

ILLINOIS FED. AID PROJECT



ELEVATION - RETAINING WALL
SCALE 1" = 10'-0" (LOOKING NORTH)



PLAN - RETAINING WALL
SCALE 1" = 10'-0"

SECTION A-A
SEE SHEET RW6

- GENERAL NOTES:**
1. THE SHEET PILE WALL SHALL HAVE A MINIMUM ELASTIC SECTION MODULUS OF 48.5 IN³/FT
 2. BORING LOCATIONS APPROXIMATED
 3. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR THE METHOD OF ANCHORING PEDESTRIAN RAIL POSTS
 4. CONTRACTOR TO PROTECT EXISTING UTILITIES

FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR

DESIGNED — NWK

REVISED — -

PLOT SCALE =

DRAWN — NWK

REVISED — -

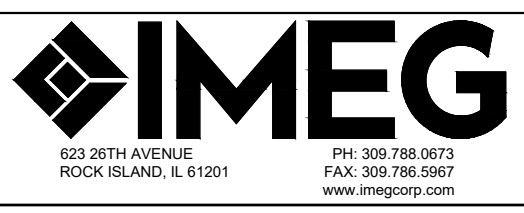
PLOT DATE = 10/30/2020

CHECKED — LRR

REVISED — -

DATE — 10/30/2020

REVISED — -

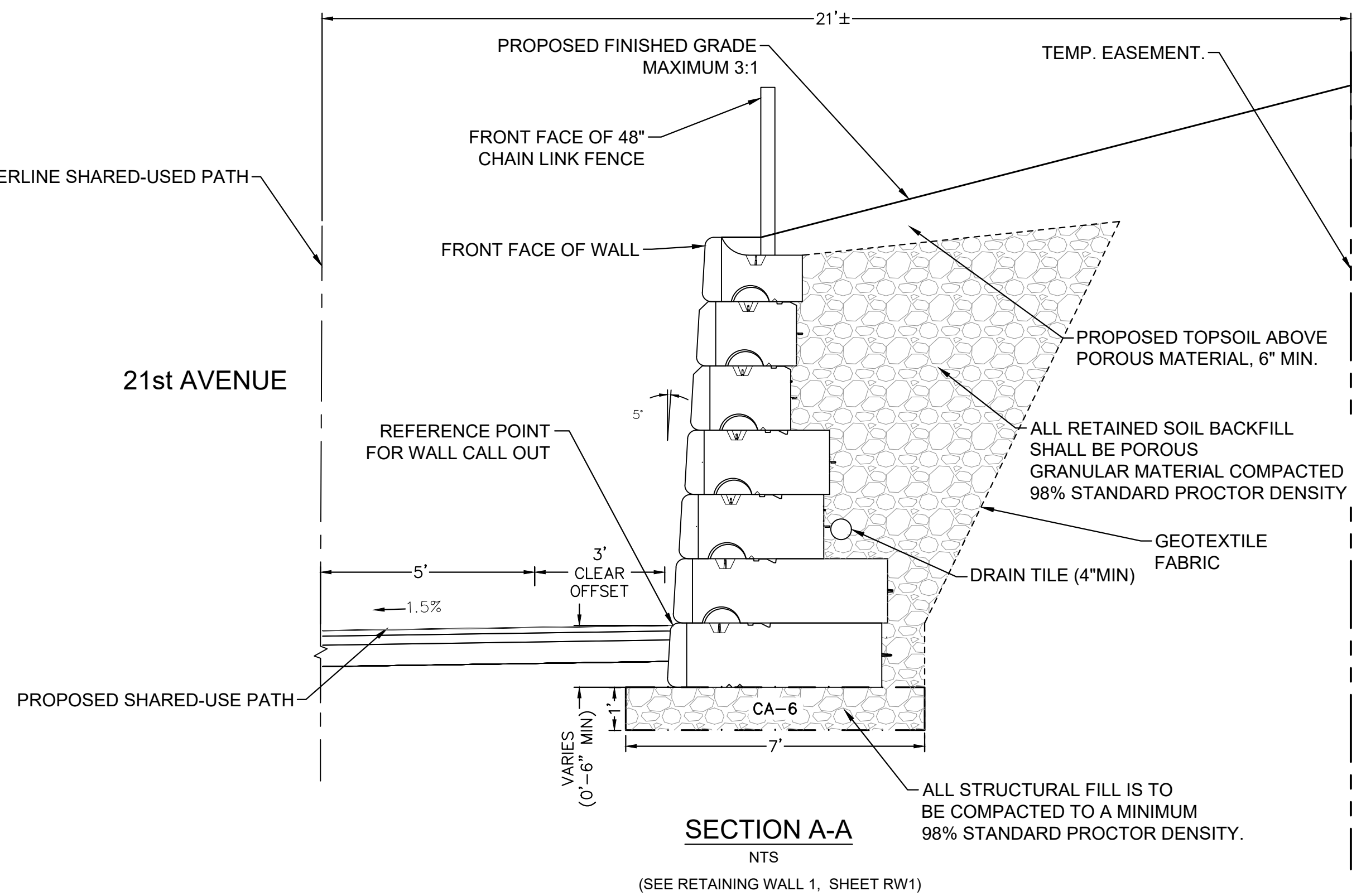
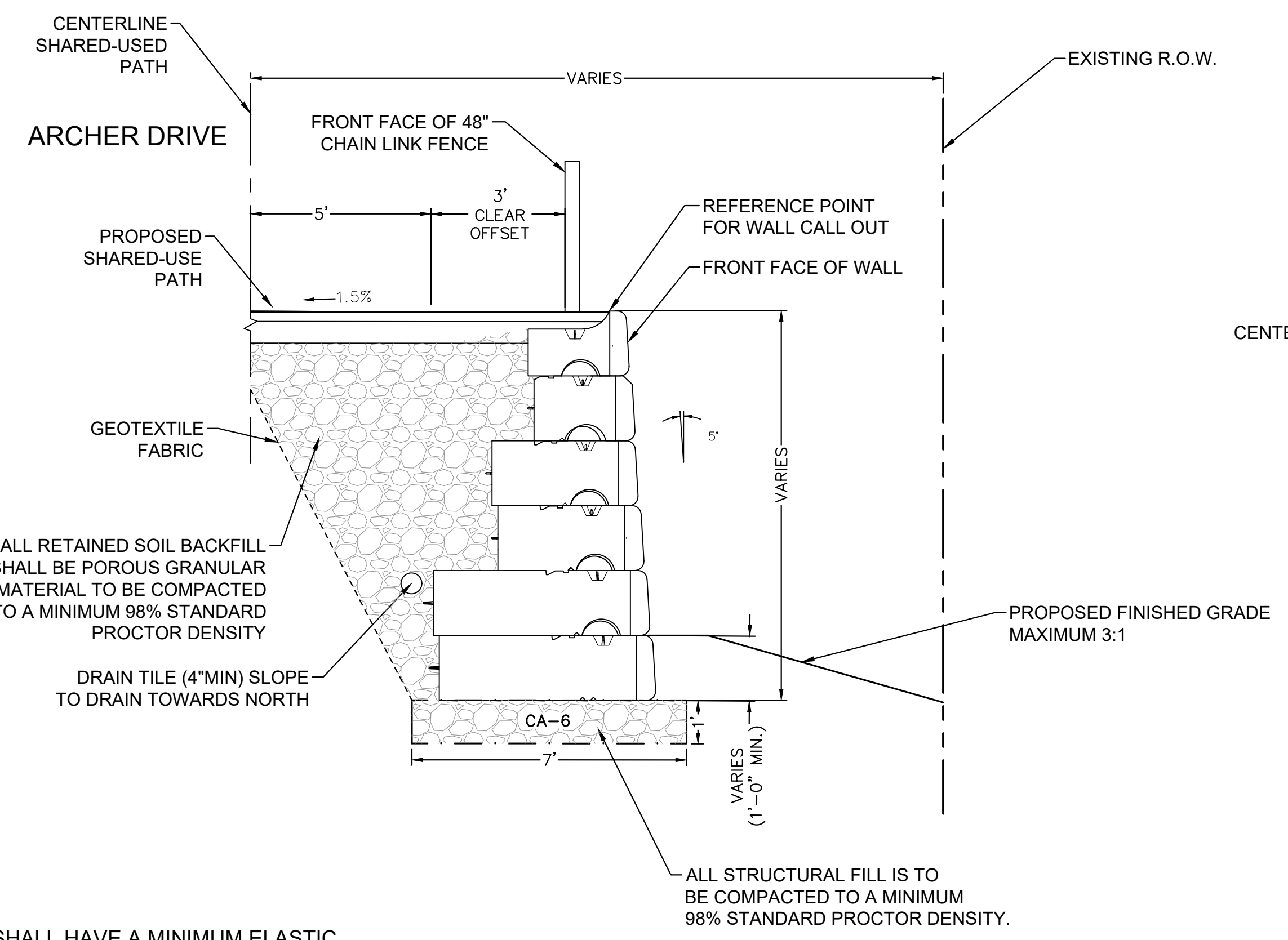
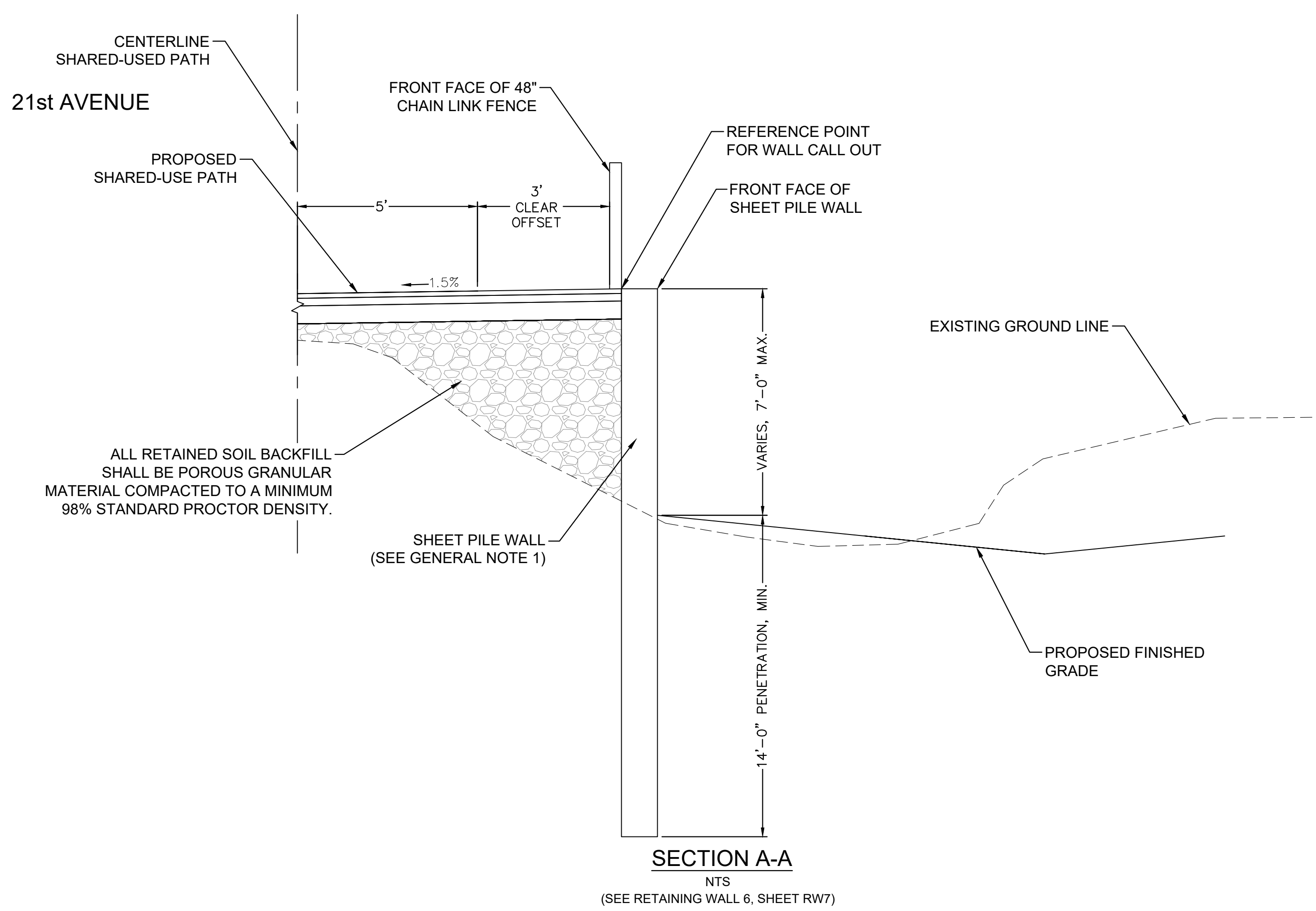
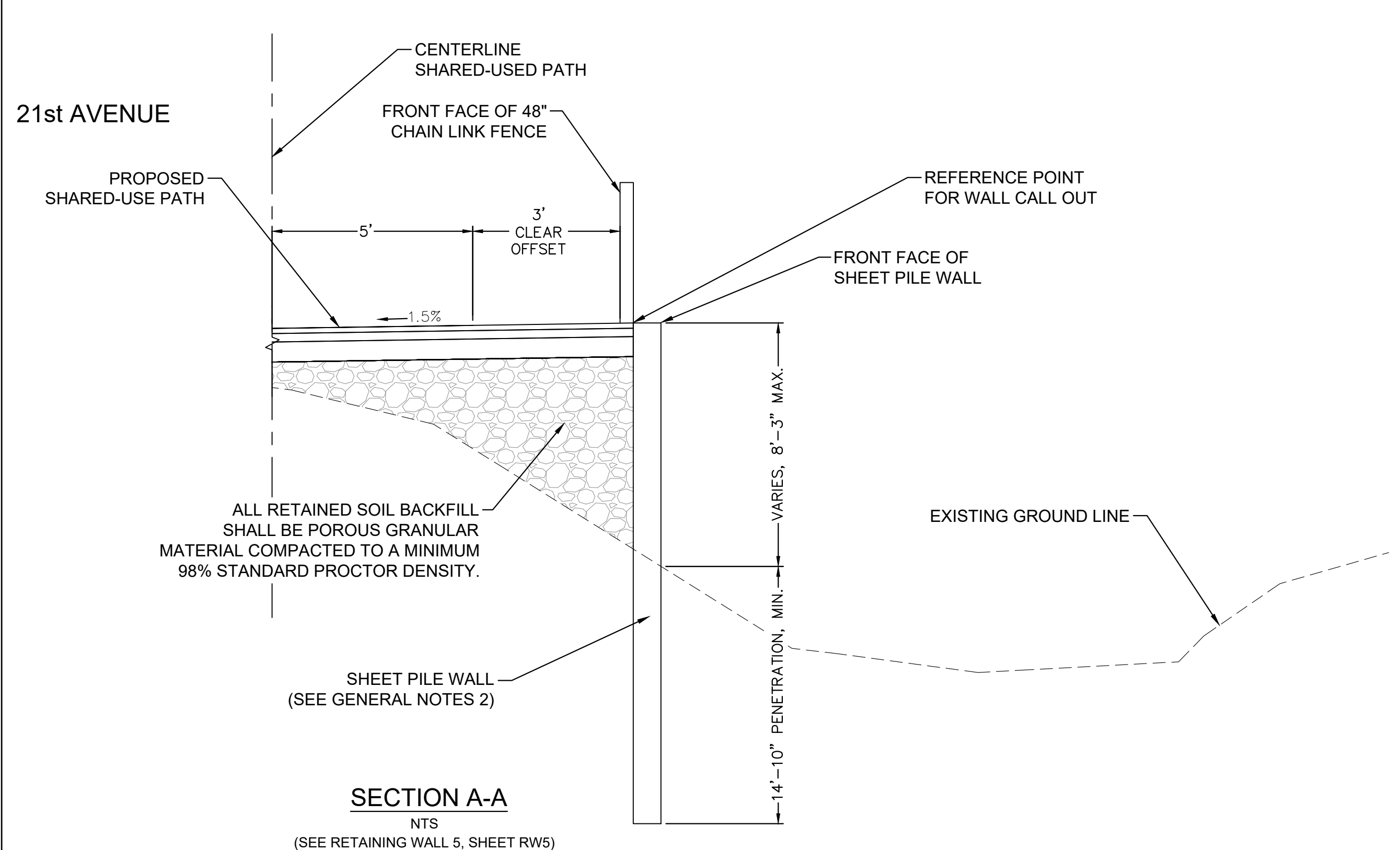


RETAIN WALL 5 PLAN AND PROFILE

SCALE: SHEET NO. 111 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	RW5

ILLINOIS FED. AID PROJECT



- GENERAL NOTES:**
1. THE SHEET PILE WALL SHALL HAVE A MINIMUM ELASTIC SECTION MODULUS OF 30.2 IN³/FT
 2. THE SHEET PILE WALL SHALL HAVE A MINIMUM ELASTIC SECTION MODULUS OF 48.5 IN³/FT
 3. BORING LOCATIONS APPROXIMATED
 4. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR THE METHOD OF ANCHORING PEDESTRIAN RAIL POSTS

SECTION A-A
NTS
(SEE RETAINING WALL 10, SHEET RW13)

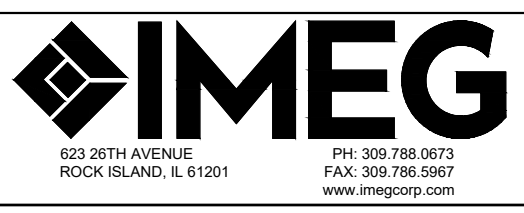
SECTION A-A
NTS
(SEE RETAINING WALL 1, SHEET RW1)

FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

DESIGNED — NWK
DRAWN — NWK
CHECKED — LRR
DATE — 10/30/2020

REVISED — .
REVISED — .
REVISED — .
REVISED — .

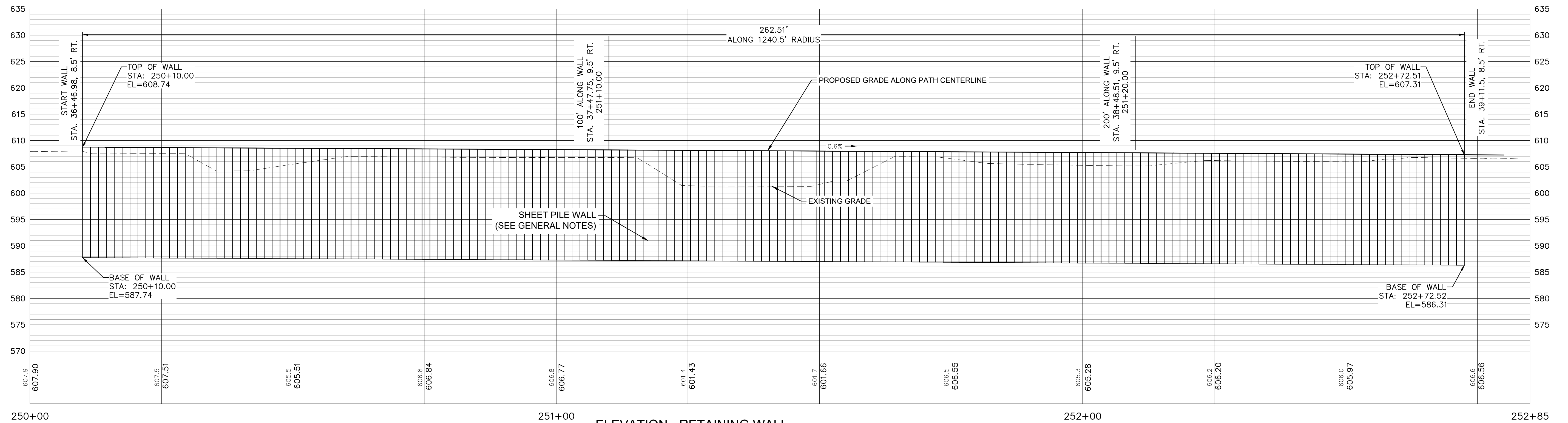


RETAIN WALL 1, 5, 6, & 10 PLAN AND PROFILE

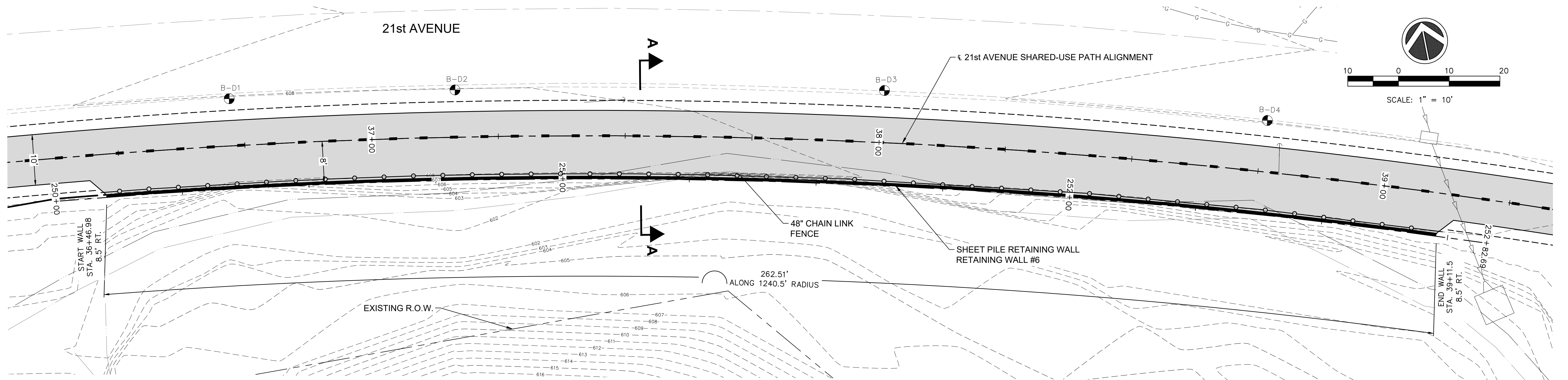
SCALE: SHEET NO. 112 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	RW6

ILLINOIS FED. AID PROJECT



ELEVATION - RETAINING WALL
SCALE 1" = 10'-0" (LOOKING NORTH)



PLAN - RETAINING WALL
SCALE 1" = 10'-0"

SECTION A-A
SEE SHEET RW6

- GENERAL NOTES:**
1. THE SHEET PILE WALL SHALL HAVE A MINIMUM ELASTIC SECTION MODULUS OF 30.2 IN³/FT
 2. BORING LOCATIONS APPROXIMATED
 3. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR THE METHOD OF ANCHORING PEDESTRIAN RAIL POSTS
 4. CONTRACTOR TO PROTECT THE EXISTING UTILITIES

FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR

DESIGNED -- NWK

DRAWN -- NWK

CHECKED -- LRR

DATE -- 10/30/2020

REVISED --

REVISED --

REVISED --

REVISED --

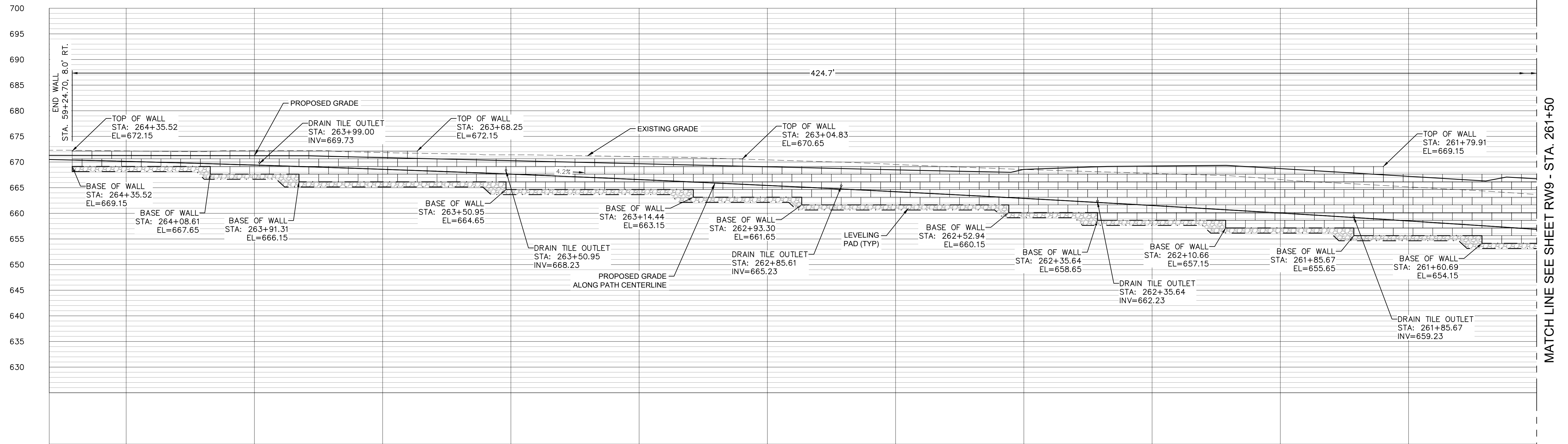


RETAIN WALL 6 PLAN AND PROFILE

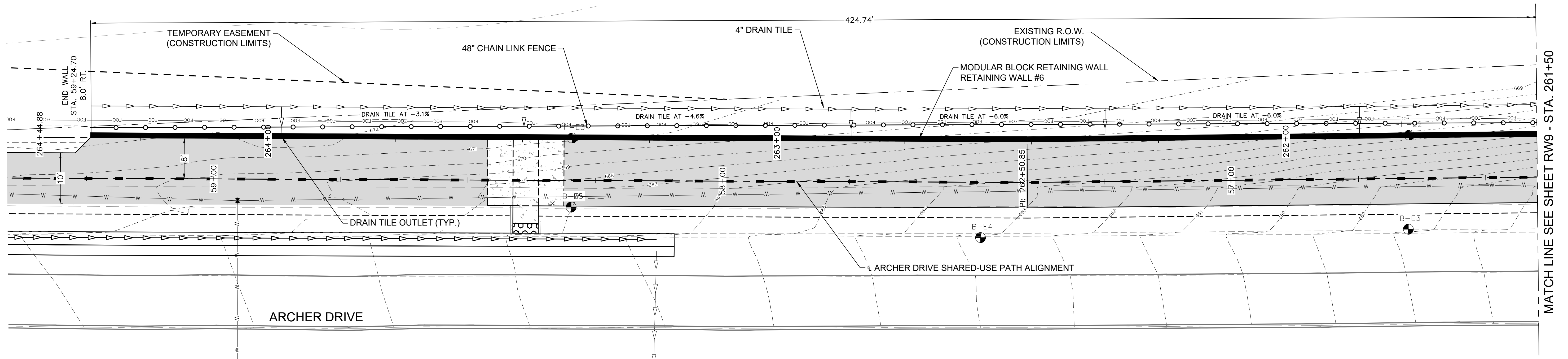
SCALE: SHEET NO. 113 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	RW7

ILLINOIS FED. AID PROJECT

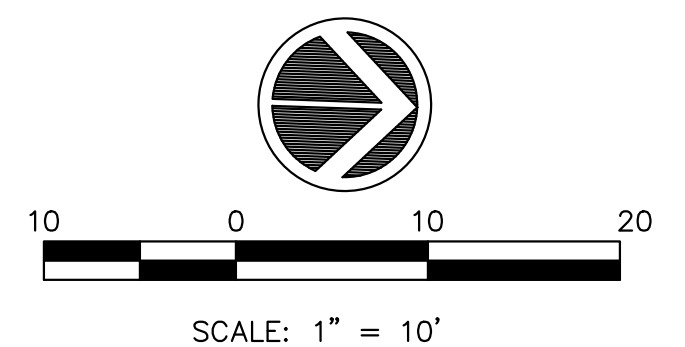


ELEVATION - RETAINING WALL
SCALE 1" = 10'-0" (LOOKING WEST)

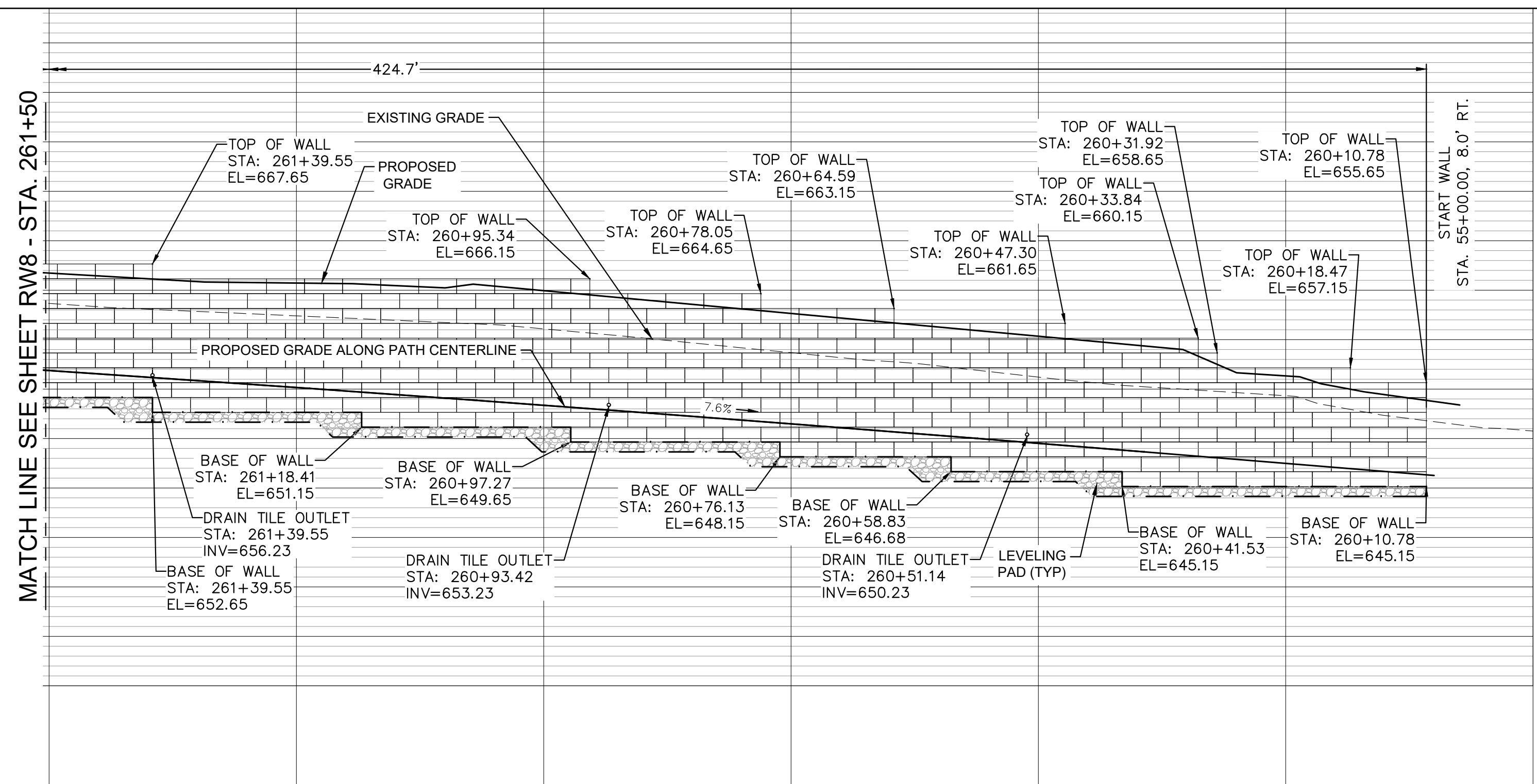


PLAN - RETAINING WALL
SCALE 1" = 10'-0"

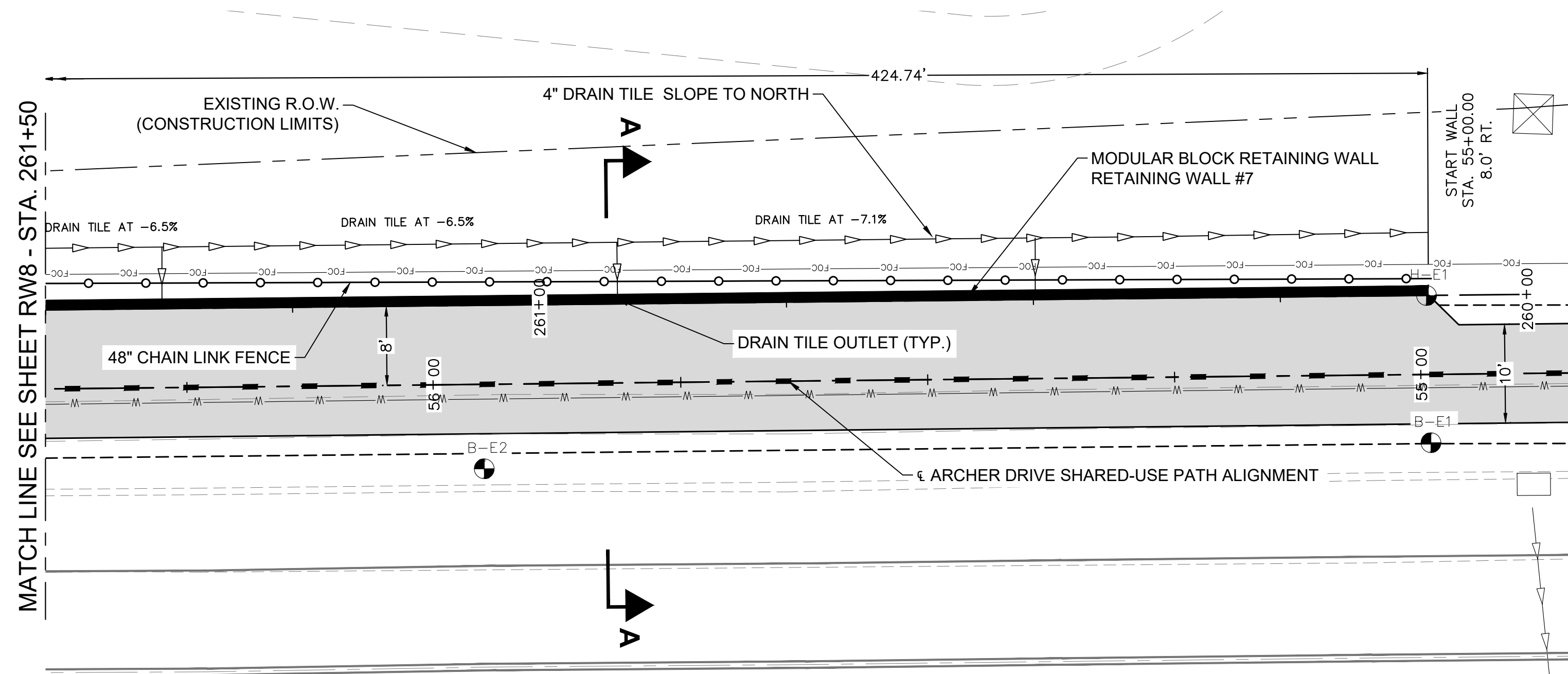
- GENERAL NOTES:**
1. STATIONS AT STEPS IN TOP OF WALL AND BASE OF WALL ARE BASED ON NOMINAL BLOCK SIZES AND ARE GIVEN FOR REFERENCE ONLY. CONTRACTOR SHALL VARY SLIGHTLY ACCORDING TO ACTUAL DIMENSIONS OF BLOCK BEING INSTALLED.
 2. FOR DRAIN TILE AND TOP OF WALL DETAILS SEE SHEET RW1
 3. BORING LOCATIONS APPROXIMATED
 4. CONTRACTOR TO PROTECT EXISTING UTILITIES



FILE NAME = 18000211.00/ CEM #001-2018	USER NAME = PAR	DESIGNED -- NWK	REVISED --	IMEG <small>823 26TH AVENUE ROCK ISLAND, IL 61201 PH: 309.788.0673 FAX: 309.786.5967 www.imegcorp.com</small>	RETAIN WALL 7 PLAN AND PROFILE		F.A.U. RTE. 5851	SECTION 10-00145-00-BT	COUNTY ROCK ISLAND	TOTAL SHEETS 178	SHEET NO. RW8	
PLOT SCALE =	DRAWN -- NWK	REVISED --	SCALE:		SHEET NO. 114 OF 178 SHEETS		ILLINOIS FED. AID PROJECT					
PLOT DATE = 10/30/2020	CHECKED -- LRR	REVISED --										
DATE -- 10/30/2020	REVIS	REVISED --										

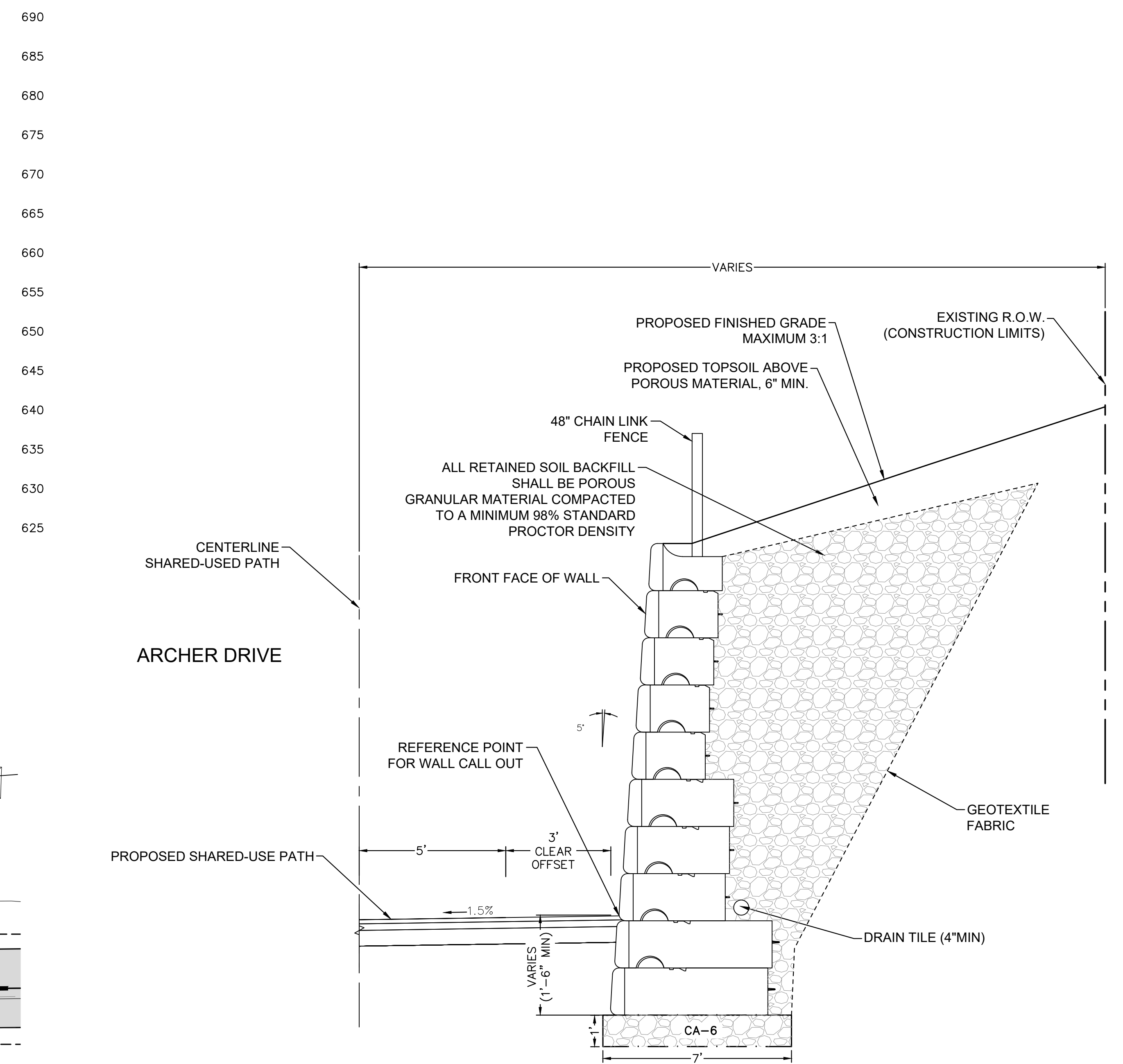
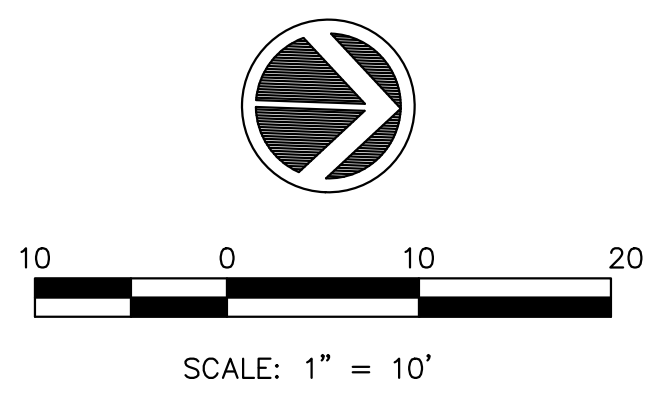


ELEVATION - RETAINING WALL
SCALE 1" = 10'-0" (LOOKING WEST)



PLAN - RETAINING WALL
SCALE 1" = 10'-0"

- GENERAL NOTES:**
1. STATIONS AT STEPS IN TOP OF WALL AND BASE OF WALL ARE BASED ON NOMINAL BLOCK SIZES AND ARE GIVEN FOR REFERENCE ONLY. CONTRACTOR SHALL VARY SLIGHTLY ACCORDING TO ACTUAL DIMENSIONS OF BLOCK BEING INSTALLED.
 2. FOR DRAIN TILE AND TOP OF WALL DETAILS SEE SHEET RW1
 3. BORING LOCATIONS APPROXIMATED
 4. CONTRACTOR TO PROTECT EXISTING UTILITIES



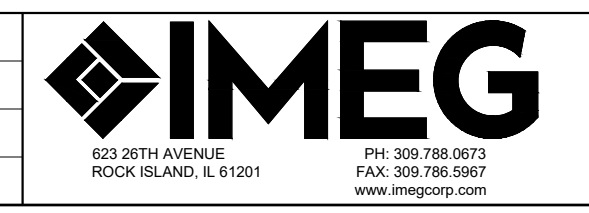
SECTION A-A
NTS

FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

DESIGNED -- NWK
DRAWN -- NWK
CHECKED -- LRR
DATE -- 10/30/2020

REVISED --
REVISED --
REVISED --
REVISED --

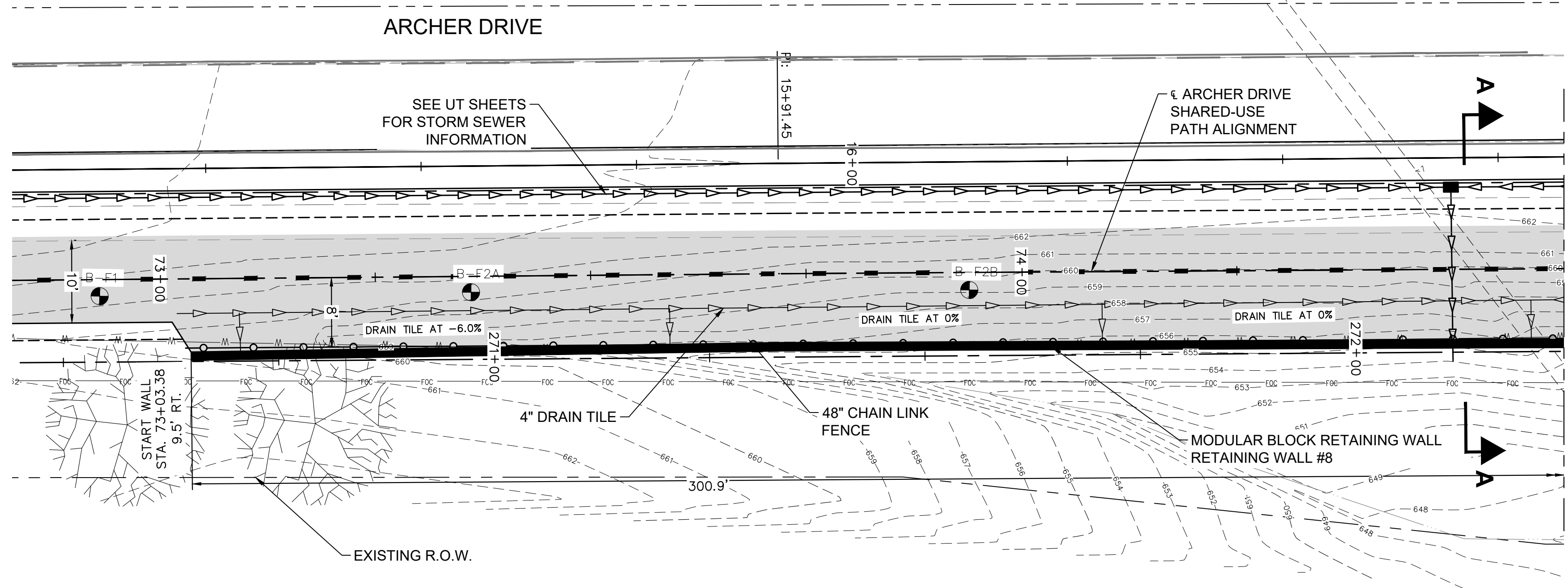
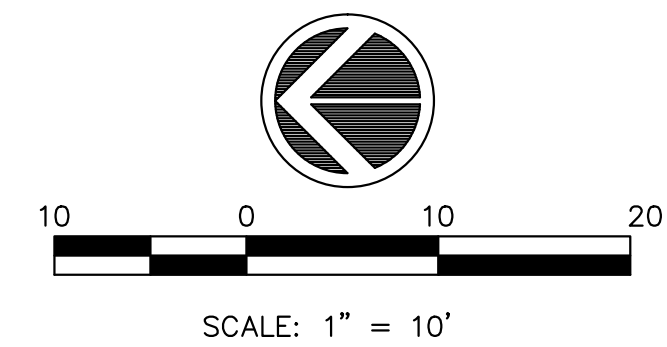
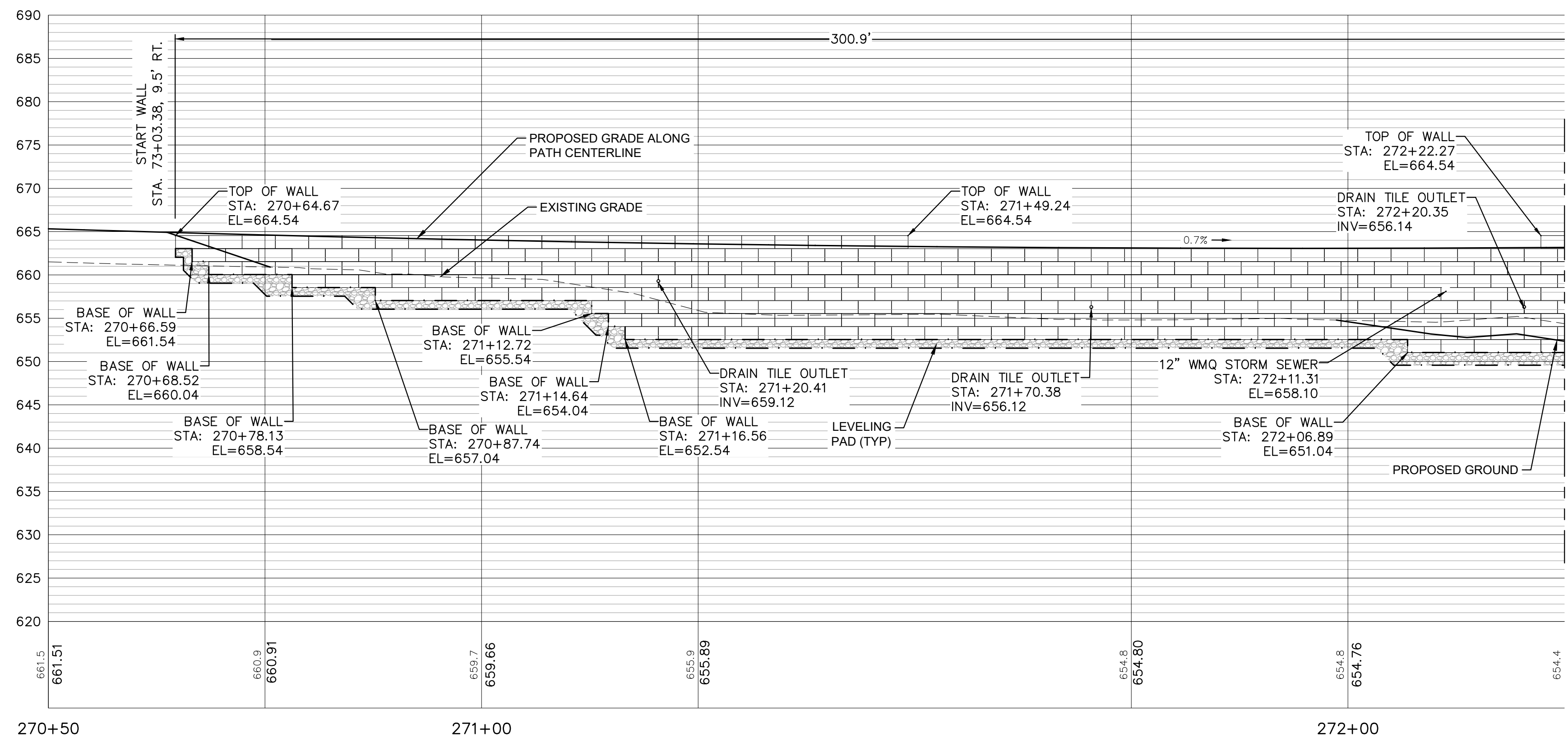


RETAIN WALL 7 PLAN AND PROFILE

SCALE: SHEET NO. 115 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	RW9

ILLINOIS FED. AID PROJECT



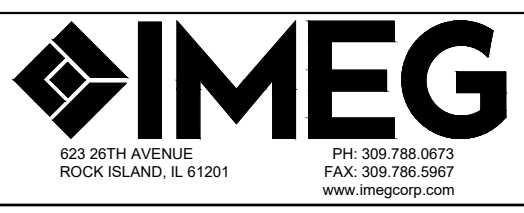
- GENERAL NOTES:**
- STATIONS AT STEPS IN TOP OF WALL AND BASE OF WALL ARE BASED ON NOMINAL BLOCK SIZES AND ARE GIVEN FOR REFERENCE ONLY. CONTRACTOR SHALL VARY SLIGHTLY ACCORDING TO ACTUAL DIMENSIONS OF BLOCK BEING INSTALLED.
 - FOR DRAIN TILE AND TOP OF WALL DETAILS SEE SHEET RW1
 - BORING LOCATIONS APPROXIMATED

FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

DESIGNED -- NWK
DRAWN -- NWK
CHECKED -- LRR
DATE -- 10/30/2020

REVISED --
REVISED --
REVISED --
REVISED --



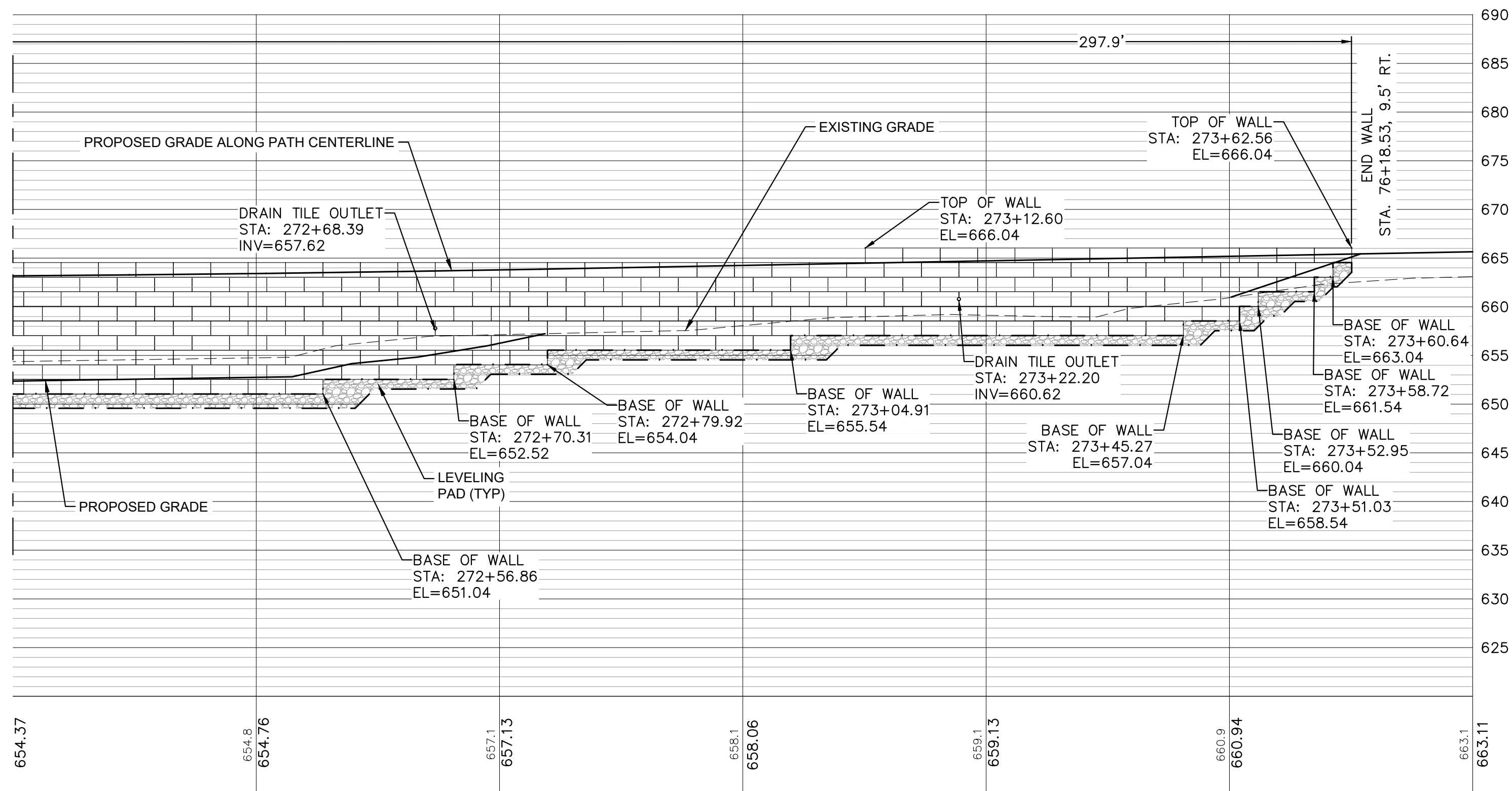
RETAIN WALL 8 PLAN AND PROFILE

SCALE: SHEET NO. 116 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	RW10

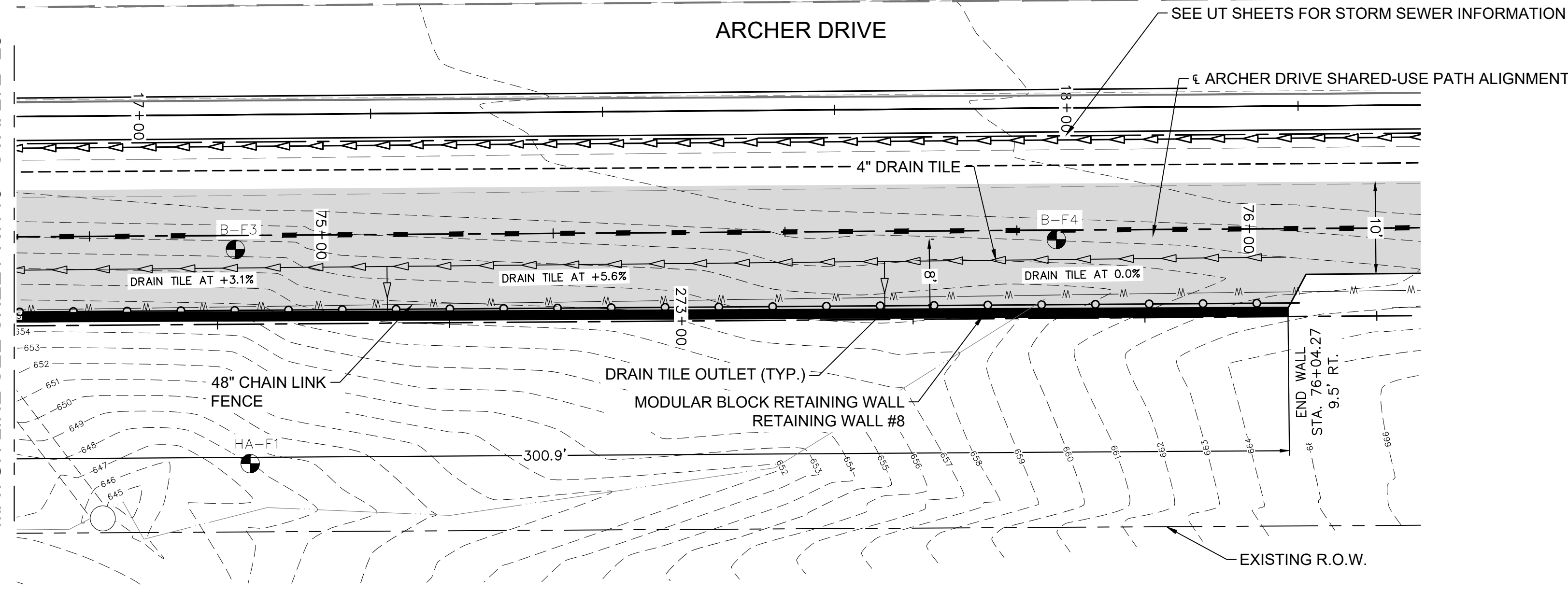
ILLINOIS FED. AID PROJECT

MATCH LINE SEE SHEET RW10 - STA. 272+25



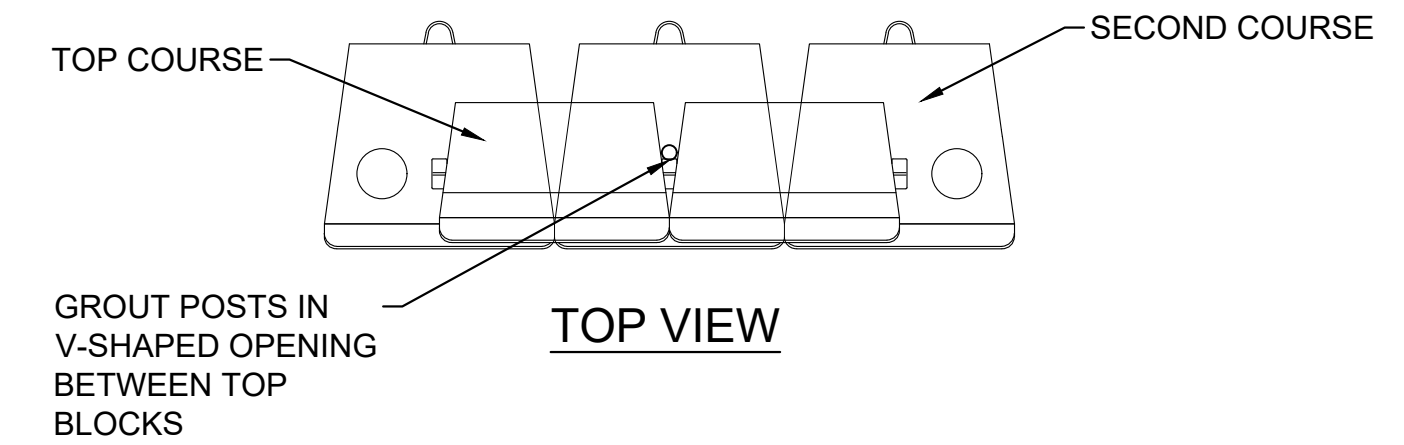
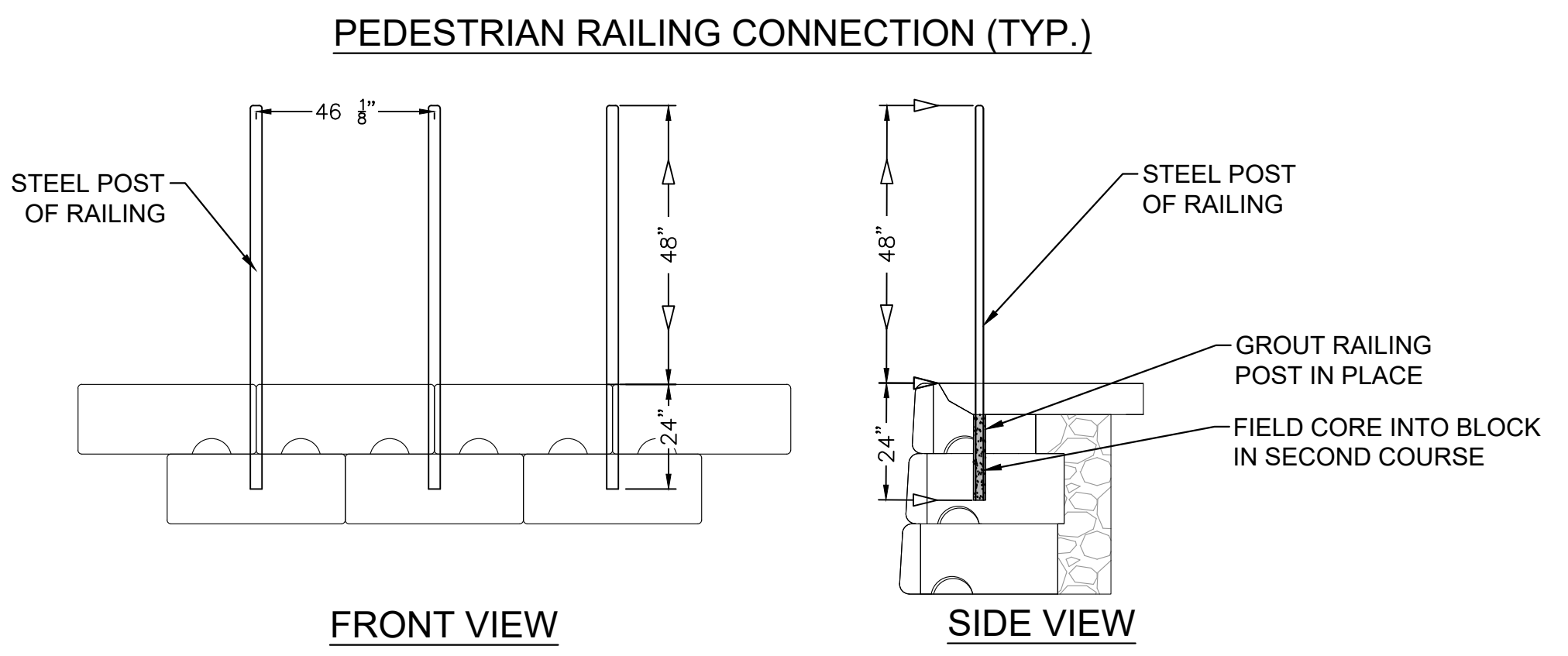
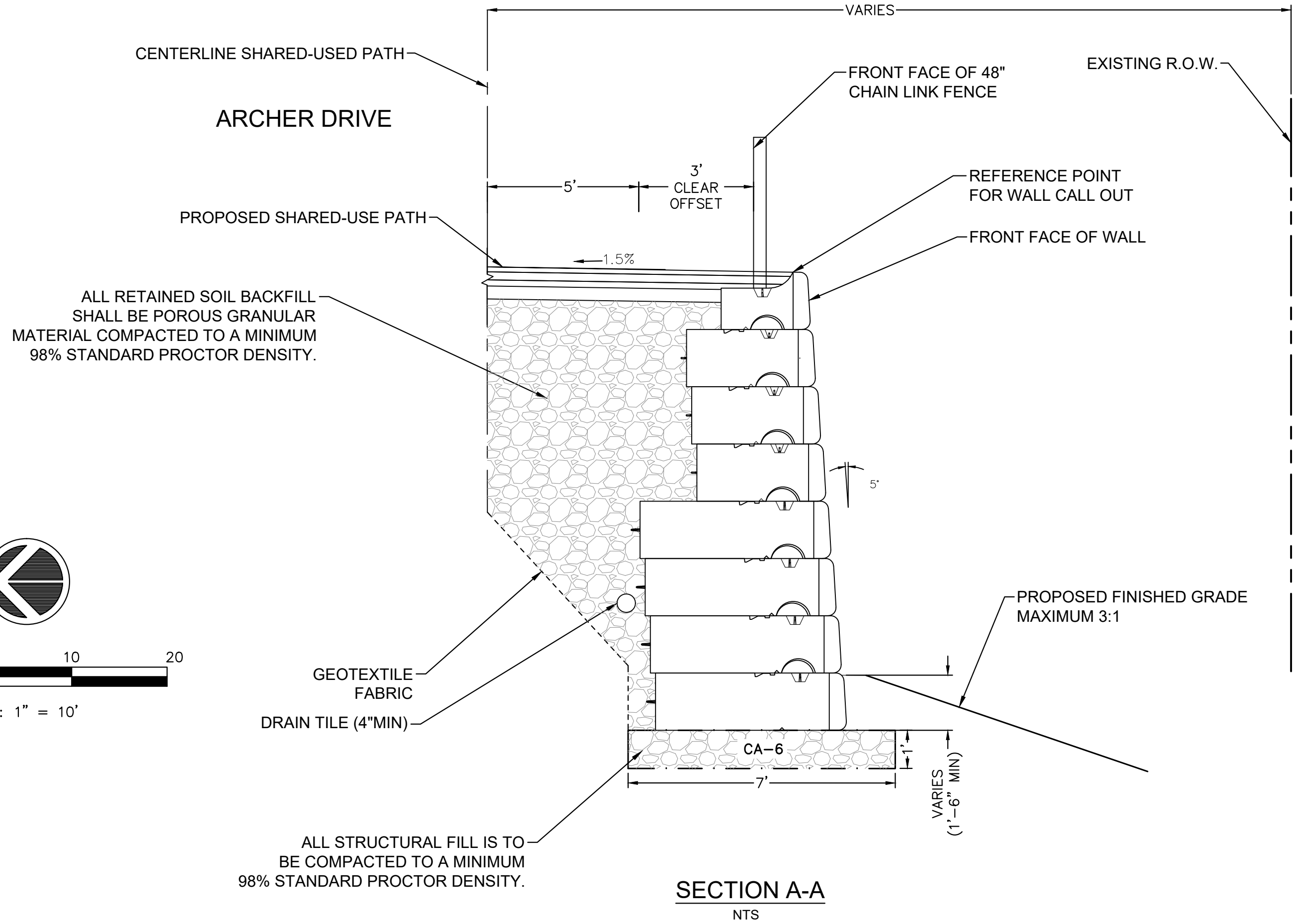
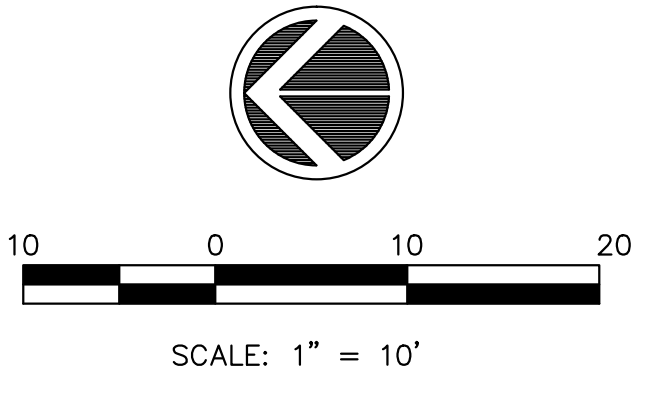
ELEVATION - RETAINING WALL 273+00
SCALE 1" = 10'-0" (LOOKING EAST)

MATCH LINE SEE SHEET RW10 - STA. 272+25



PLAN - RETAINING WALL
SCALE 1" = 10'-0"

- GENERAL NOTES:**
1. STATIONS AT STEPS IN TOP OF WALL AND BASE OF WALL ARE BASED ON NOMINAL BLOCK SIZES AND ARE GIVEN FOR REFERENCE ONLY. CONTRACTOR SHALL VARY SLIGHTLY ACCORDING TO ACTUAL DIMENSIONS OF BLOCK BEING INSTALLED.
 2. FOR DRAIN TILE AND TOP OF WALL DETAILS SEE SHEET RW1
 3. BORING LOCATIONS APPROXIMATED
 4. CONTRACTOR TO PROTECT EXISTING UTILITIES

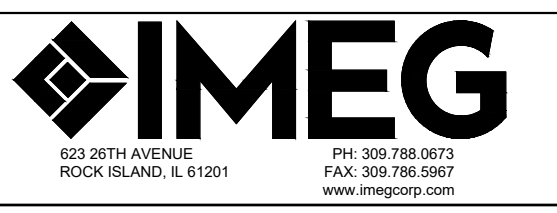


FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

DESIGNED - NWK
DRAWN - NWK
CHECKED - LRR
DATE - 10/30/2020

REVISED -
REVISED -
REVISED -
REVISED -

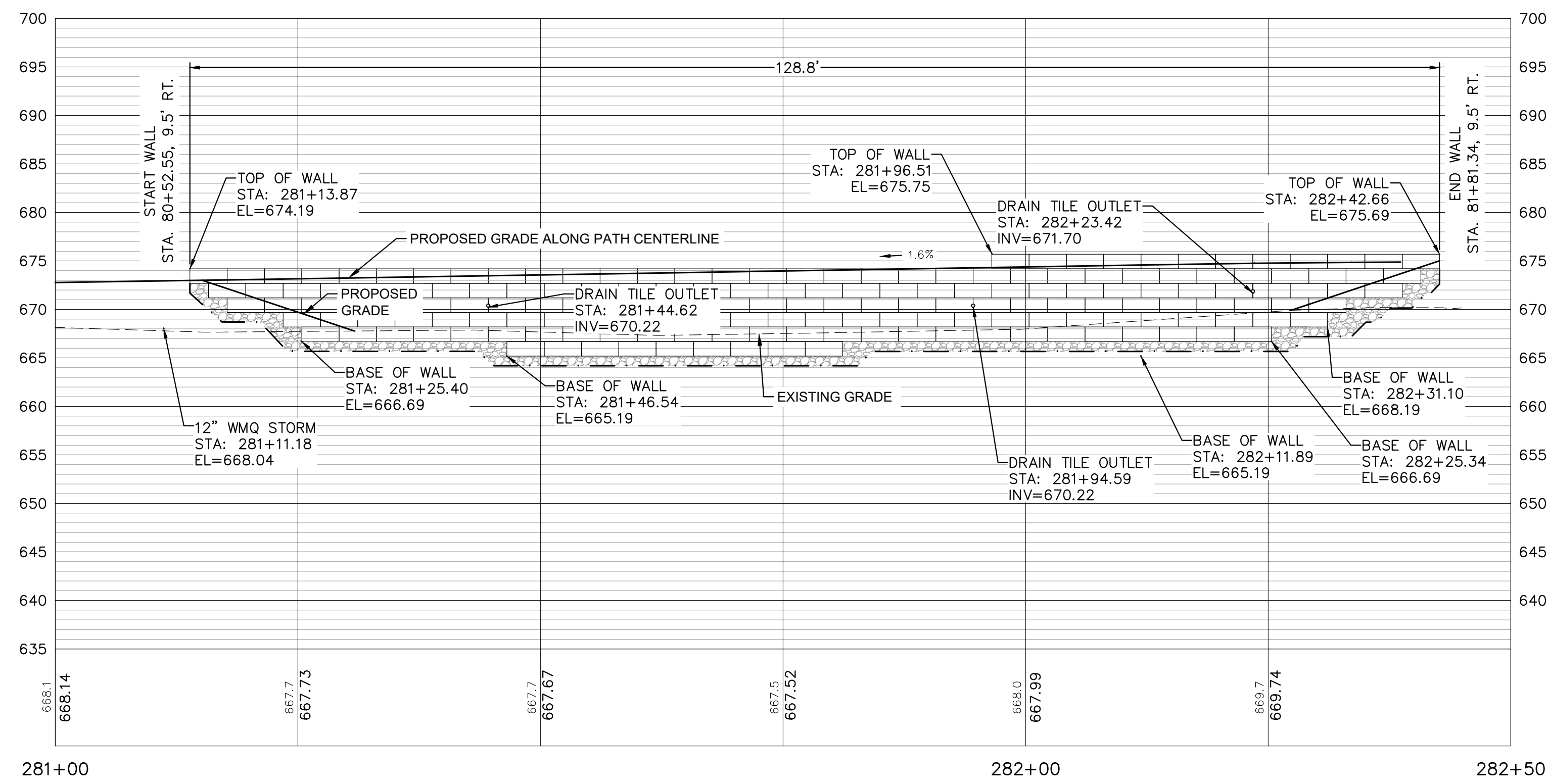


RETAIN WALL 8 PLAN AND PROFILE

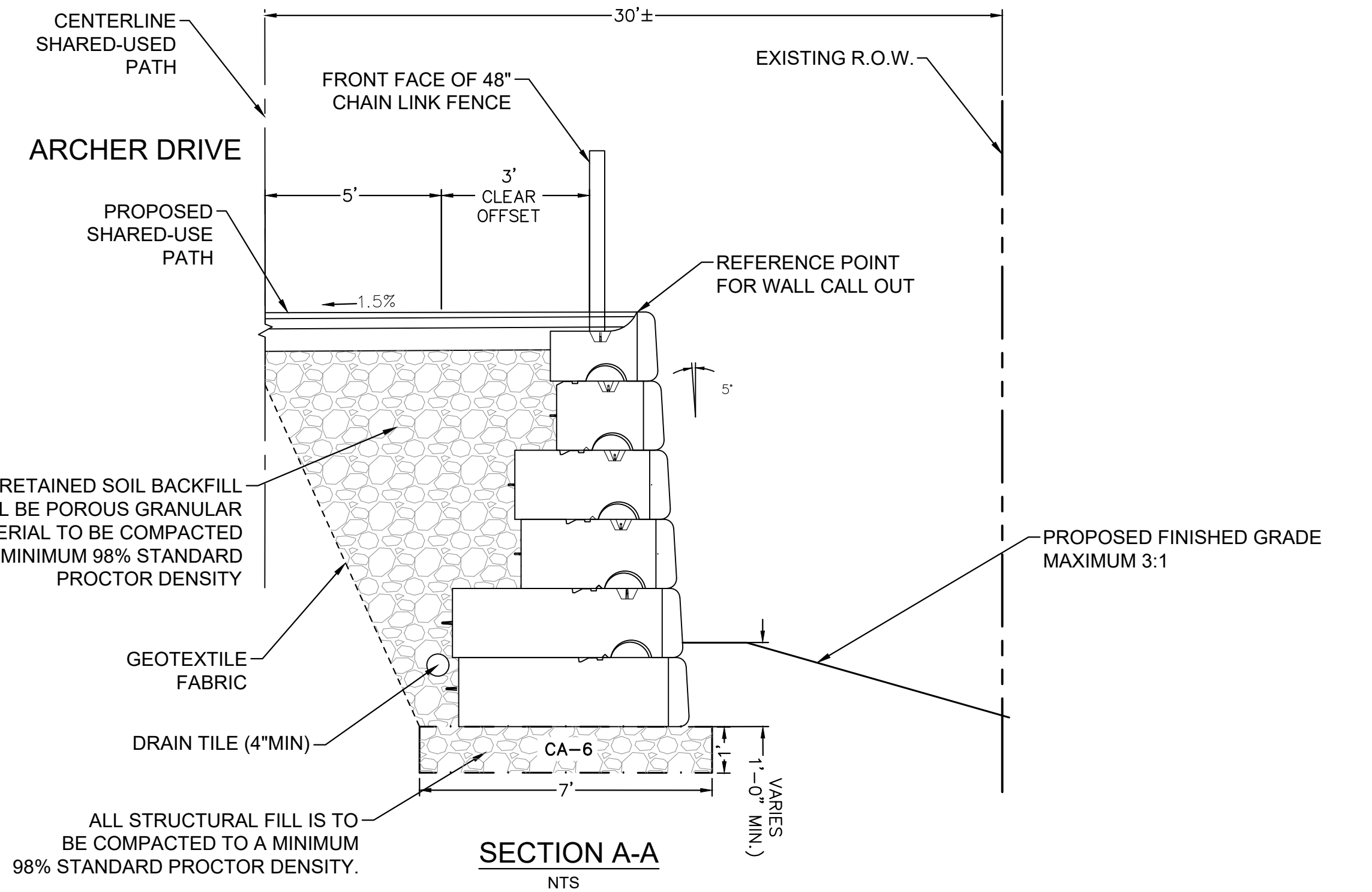
SCALE: SHEET NO. 117 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	RW11

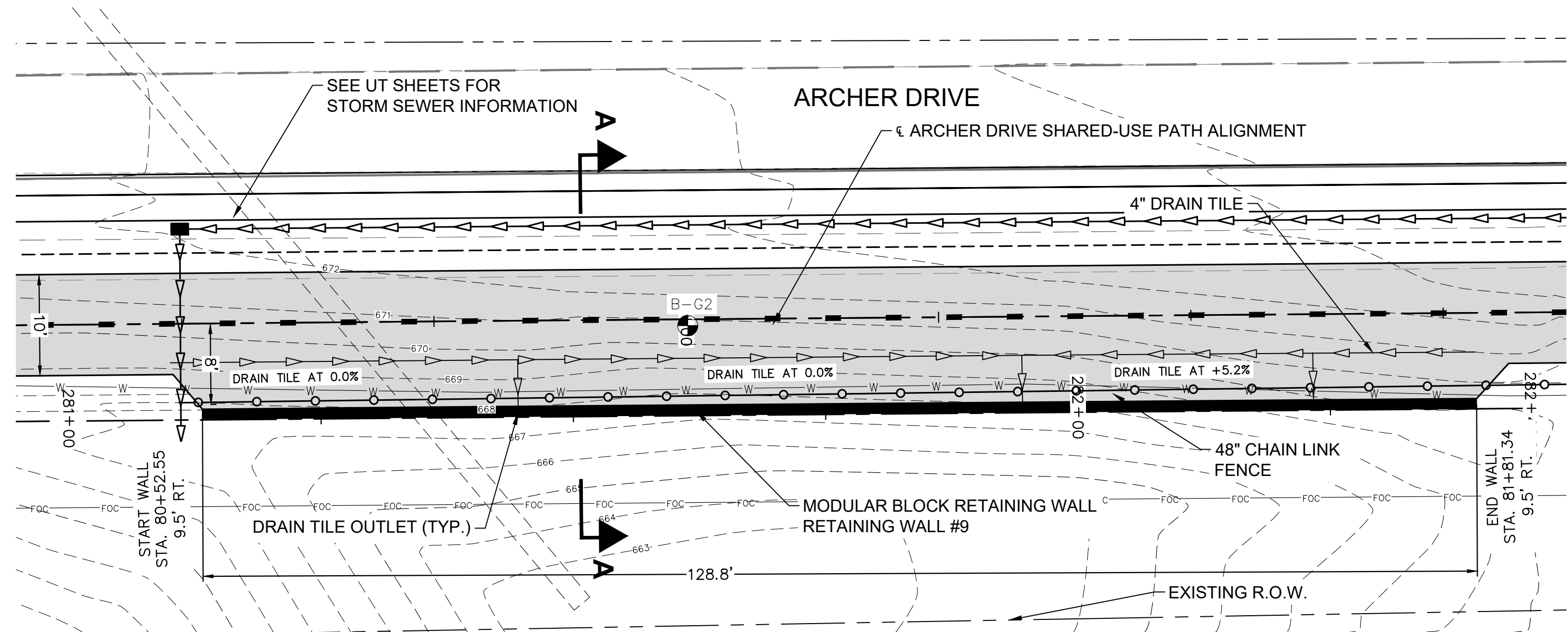
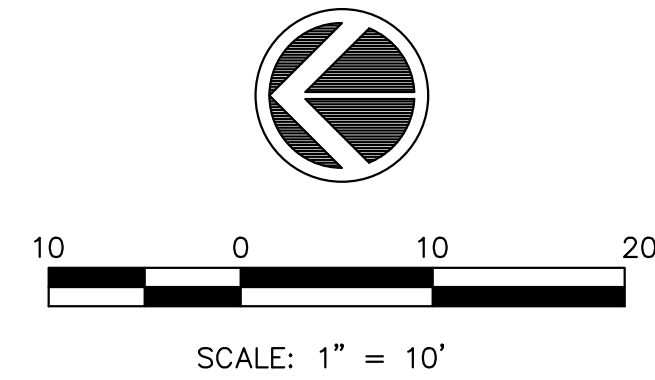
ILLINOIS FED. AID PROJECT



ELEVATION - RETAINING WALL
SCALE 1" = 10'-0" (LOOKING EAST)



SECTION A-A
NTS



PLAN - RETAINING WALL
SCALE 1" = 10'-0"

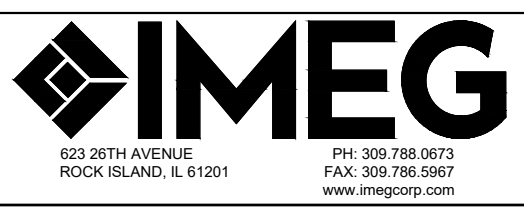
- GENERAL NOTES:**
1. STATIONS AT STEPS IN TOP OF WALL AND BASE OF WALL ARE BASED ON NOMINAL BLOCK SIZES AND ARE GIVEN FOR REFERENCE ONLY. CONTRACTOR SHALL VARY SLIGHTLY ACCORDING TO ACTUAL DIMENSIONS OF BLOCK BEING INSTALLED.
 2. BORING LOCATIONS APPROXIMATED
 3. CONTRACTOR TO PROTECT EXISTING UTILITIES

FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

DESIGNED -- NWK
DRAWN -- NWK
CHECKED -- LRR
DATE -- 10/30/2020

REVISED --
REVISED --
REVISED --
REVISED --

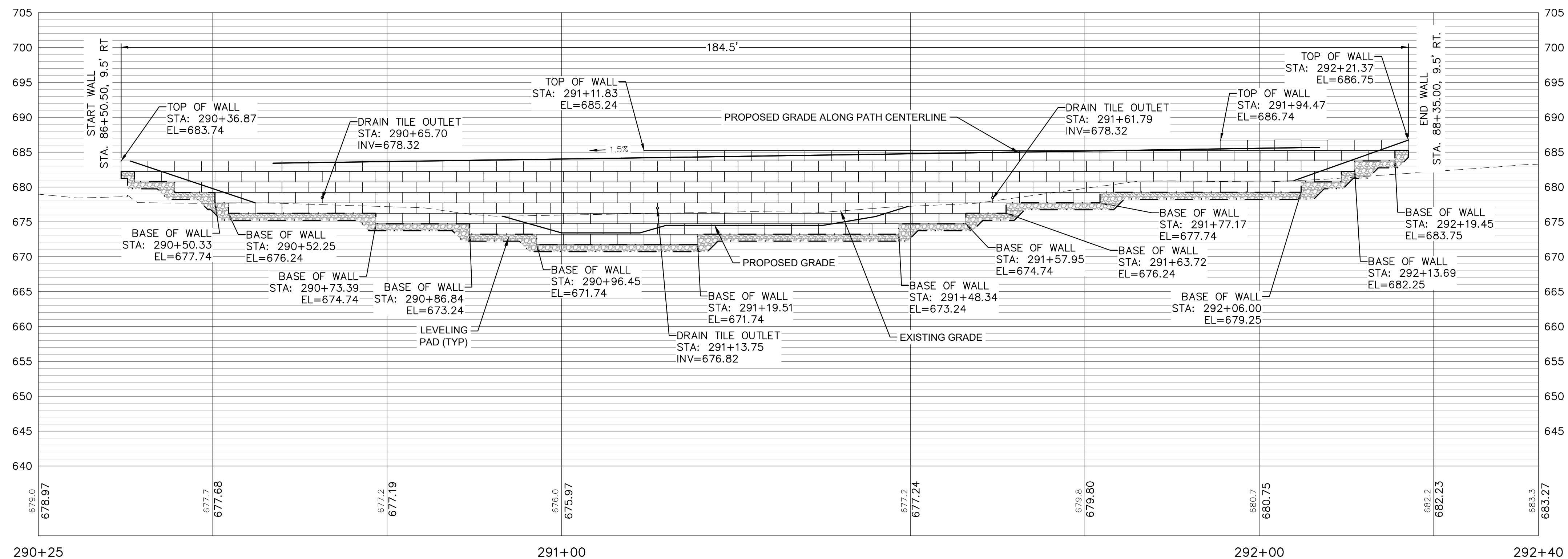


RETAIN WALL 9 PLAN AND PROFILE

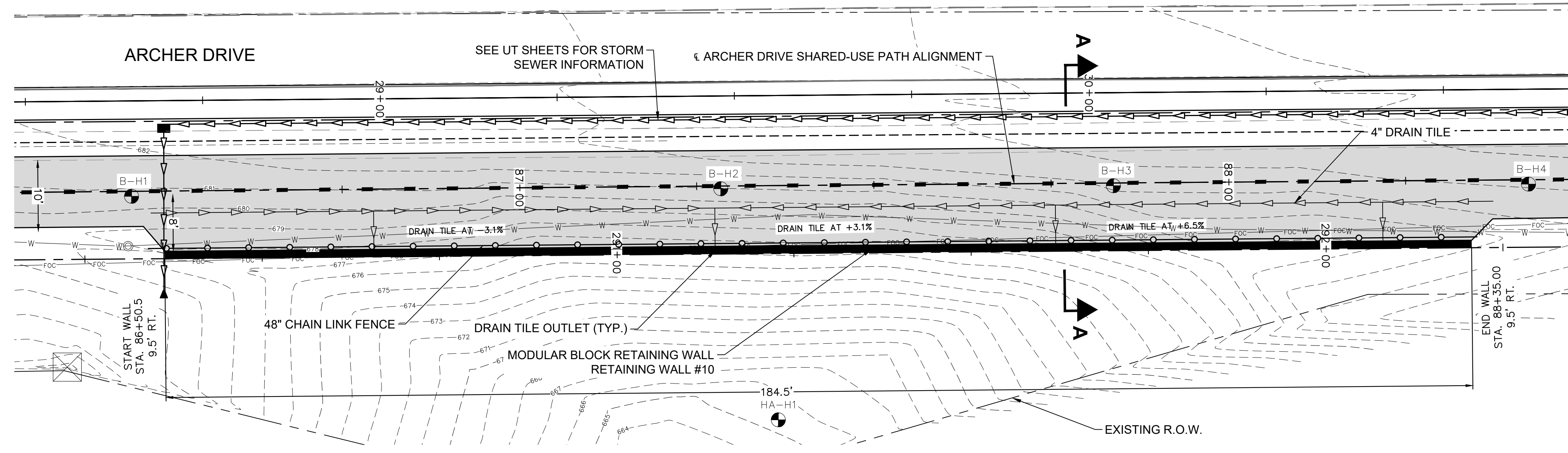
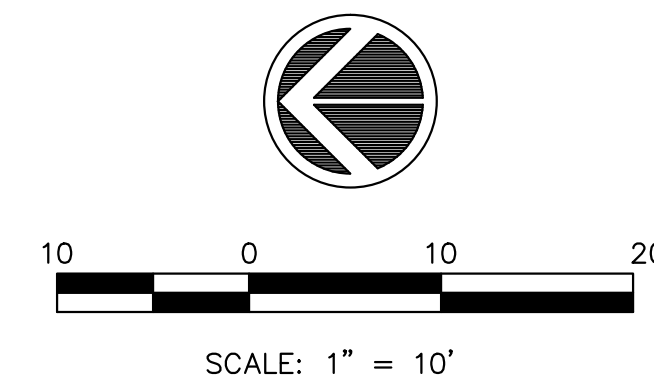
SCALE: SHEET NO. 118 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	RW12

ILLINOIS FED. AID PROJECT



ELEVATION - RETAINING WALL
SCALE 1" = 10'-0" (LOOKING EAST)



PLAN - RETAINING WALL
SCALE 1" = 10'-0"

SECTION A-A
SEE SHEET RW6

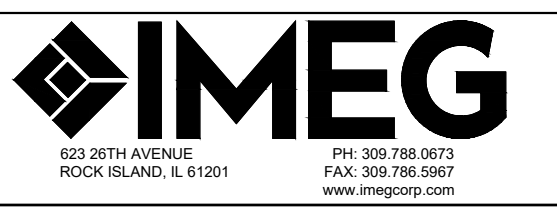
- GENERAL NOTES:**
1. STATIONS AT STEPS IN TOP OF WALL AND BASE OF WALL ARE BASED ON NOMINAL BLOCK SIZES AND ARE GIVEN FOR REFERENCE ONLY. CONTRACTOR SHALL VARY SLIGHTLY ACCORDING TO ACTUAL DIMENSIONS OF BLOCK BEING INSTALLED.
 2. FOR DRAIN TILE AND TOP OF WALL DETAILS SEE SHEET RW1
 3. BORING LOCATIONS APPROXIMATED
 4. CONTRACTOR TO PROTECT EXISTING UTILITIES

FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR
PLOT SCALE =
PLOT DATE = 10/30/2020

DESIGNED — NWK
DRAWN — NWK
CHECKED — LRR
DATE — 10/30/2020

REVISED —
REVISED —
REVISED —
REVISED —

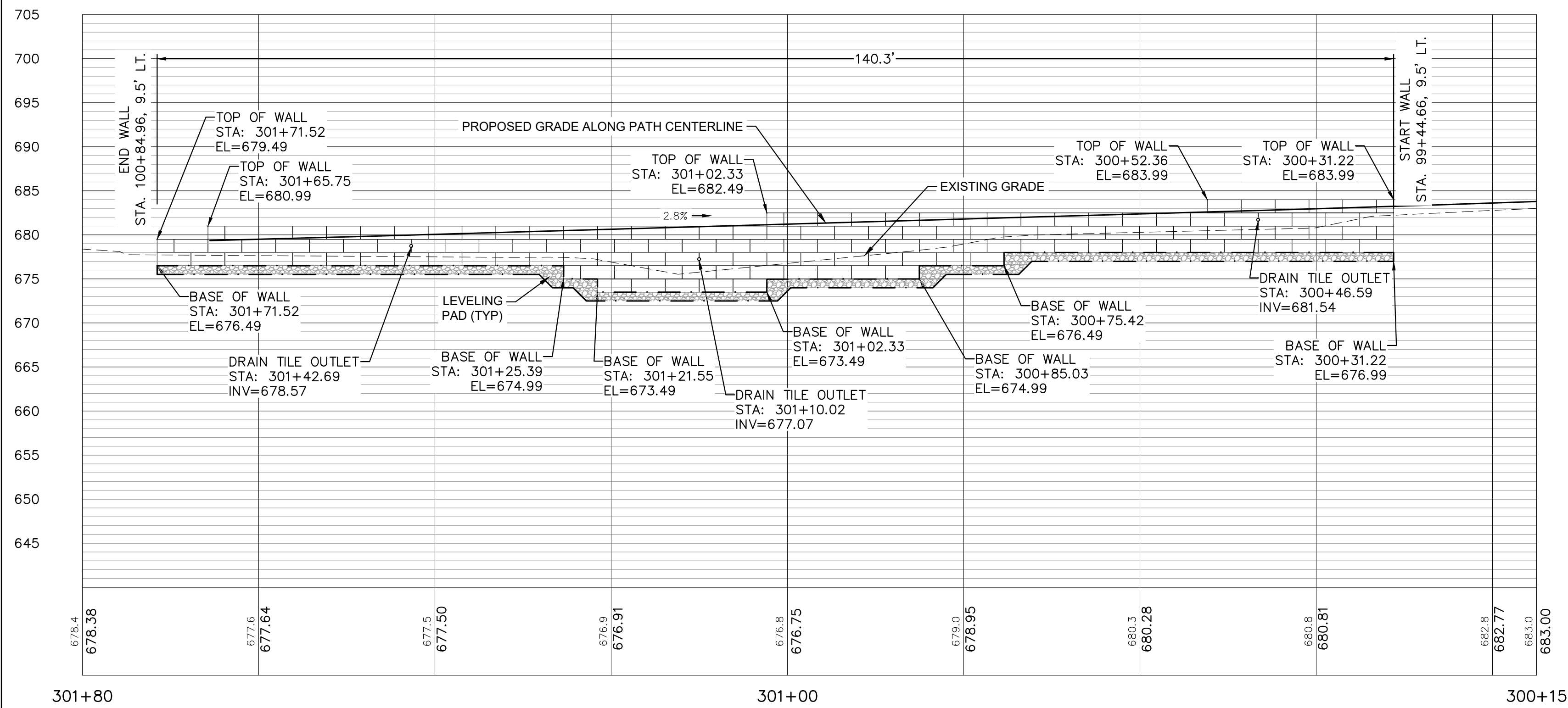


RETAIN WALL 10 PLAN AND PROFILE

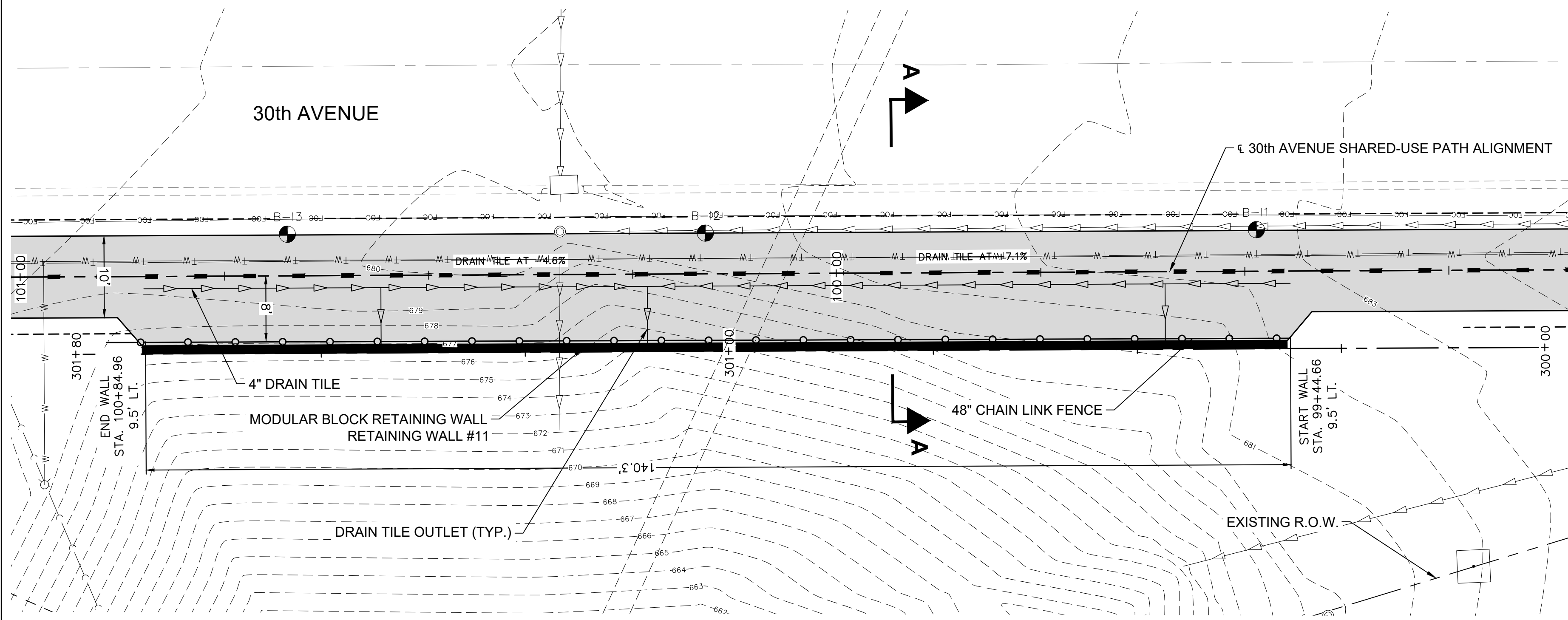
SCALE: SHEET NO. 119 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	RW13

ILLINOIS FED. AID PROJECT

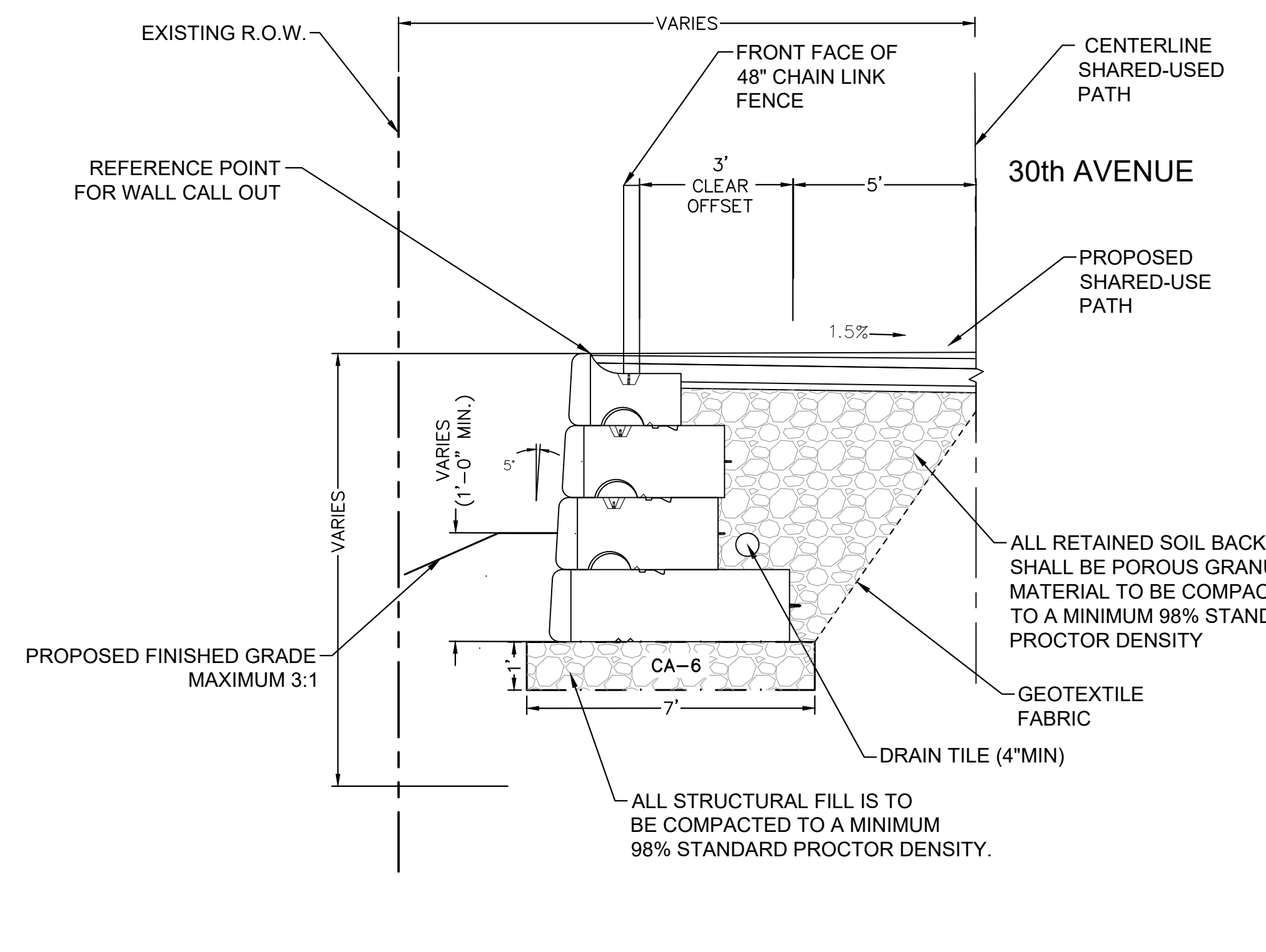


ELEVATION - RETAINING WALL
SCALE 1" = 10'-0" (LOOKING SOUTH)

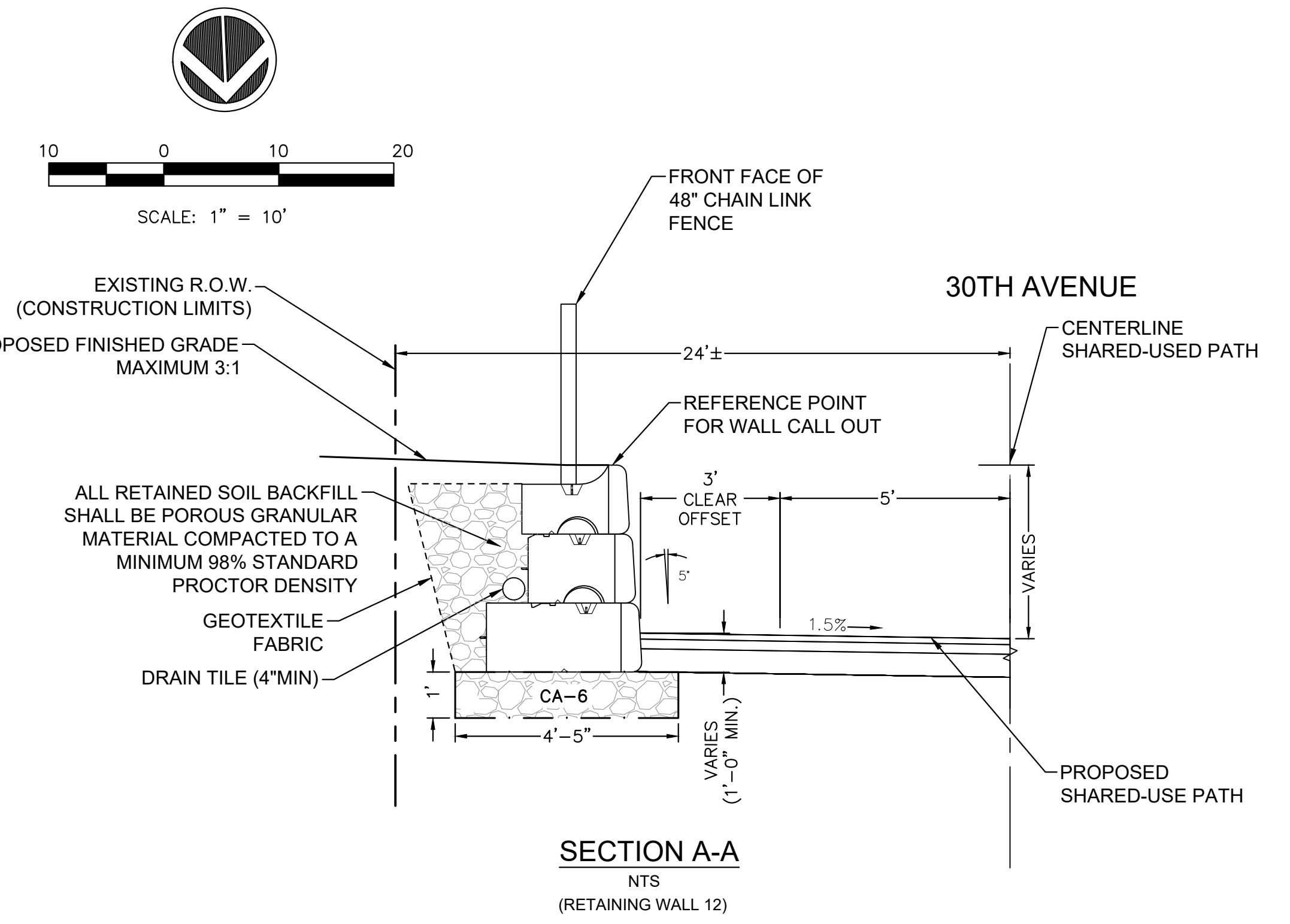


PLAN - RETAINING WALL
SCALE 1" = 10'-0"

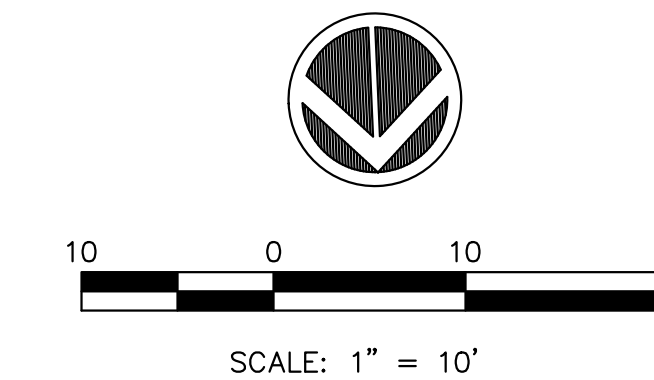
- GENERAL NOTES:**
- STATIONS AT STEPS IN TOP OF WALL AND BASE OF WALL ARE BASED ON NOMINAL BLOCK SIZES AND ARE GIVEN FOR REFERENCE ONLY. CONTRACTOR SHALL VARY SLIGHTLY ACCORDING TO ACTUAL DIMENSIONS OF BLOCK BEING INSTALLED.
 - FOR DRAIN TILE AND TOP OF WALL DETAILS SEE SHEET RW1
 - BORING LOCATIONS APPROXIMATED



SECTION A-A
NTS
(RETAINING WALL 11)



SECTION A-A
NTS
(RETAINING WALL 12)



FILE NAME = 18000211.00/
CEM #001-2018

USER NAME = PAR

DESIGNED -- NWK

REVISED --

PLOT SCALE =

DRAWN -- NWK

REVISED --

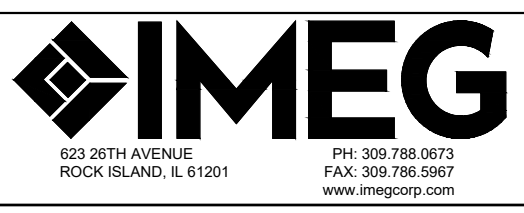
PLOT DATE = 10/30/2020

CHECKED -- LRR

REVISED --

DATE -- 10/30/2020

REVISED --



RETAIN WALL 11 PLAN AND PROFILE

SCALE: SHEET NO. 120 OF 178 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5851	10-00145-00-BT	ROCK ISLAND	178	RW14

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