

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	16-00150-02-R5	MADISON	28	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 97680		

FEHLING ROAD RECONSTRUCTION PHASE 2 (F.A.U. ROUTE 9083) GRANITE CITY, ILLINOIS

STU FUNDS
SECTION NO.: 16-00150-02-RS
MADISON COUNTY
PROJECT NO.: D48W(807)
JOB NO.: C-98-327-16

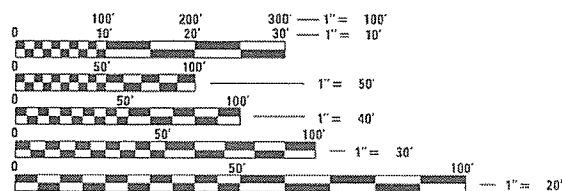
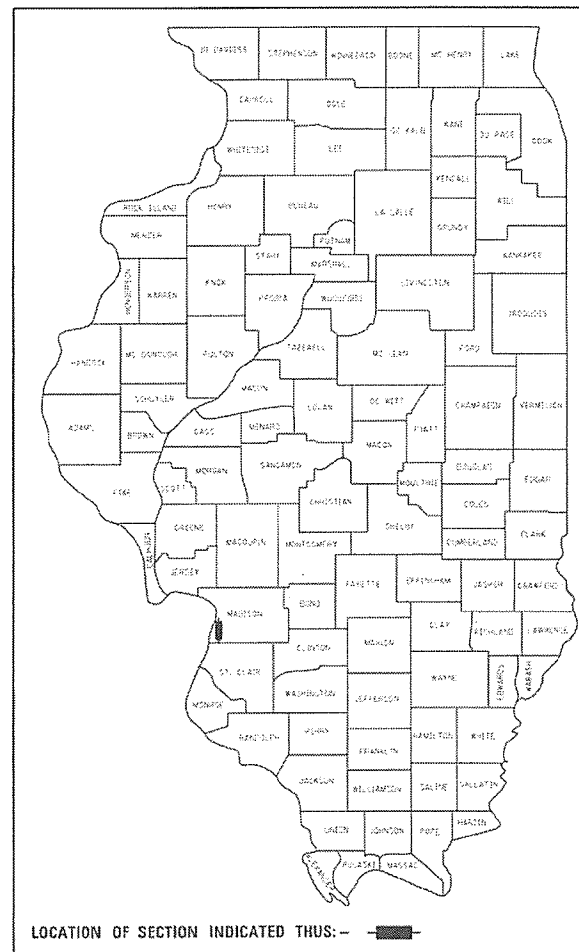
INDEX OF SHEETS

SHEET NUMBER	DESCRIPTION
1	COVER SHEET
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STANDARDS

STD. NO.		
001001-02	000001-07	604006-05
	001006	604086-03
	280001-07	606001-07
	420001-09	701501-06
	420111-04	701502-07
		701801-06
	424001-71	701901-05
	424016-05	720001-01
	424026-03	720006-04
	542606-02	720011-01
	602301-04	729001-01
602306-03	602401-06	780001-05
	602601-06	781001-04
	602701-02	

SCALES
 PLAN 1" = 20'
 PROFILE HORIZ. 1" = 20'
 PROFILE VERT. 1" = 5'
 CROSS SECTIONS 1" = 10' HORIZ.
 1" = 5' VERT.



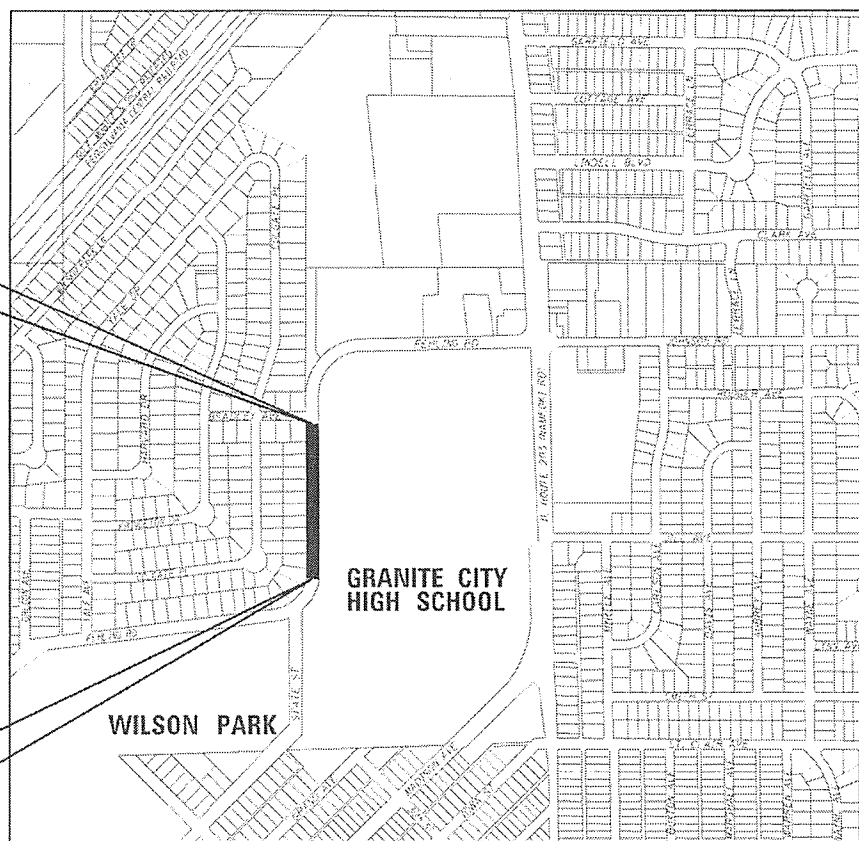
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

DESIGN DESIGNATION: CONNECTOR ROAD
FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
ADT: 8100 (2018) 9884 (2038)
DHV: 988 (2038)
DESIGN SPEED: 30 MPH

END PROJECT
STA. 194 + 31.15

BEGIN PROJECT
STA. 185 + 92.82



LOCATION MAP

SCALE: 1" = 500'
GROSS LENGTH OF PROJECT: 838.33 LIN. FT = 0.159 MILES
NET LENGTH OF PROJECT: 838.33 LIN. FT = 0.159 MILES
SECTION 8, T. 3 N., R. 9 W., 3RD P.M.



Expires 11-30-19

Brian F. Kulick 8/31/16
BRIAN F. KULICK, P.E. No. 49936
Job No. E150213 DATE

CITY OF GRANITE CITY	
Approved	<i>Ed Chapman</i> City of Granite City, Mayor
Passed	<i>David Achille</i> District 6 Engineer of Local Roads & Streets
Releasing for Bid Based on Limited Review	<i>Keith Roberts</i> Region 5 Engineer

































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JUNEAU
ASSOCIATES, INC., P.C.
ENGINEERING & LAND SURVEYING

Professional Design Firm License No. 184.033389

2100 State Street, P.O. Box 1326
Granite City, IL 62040-4725
100 North Research Drive
Edwardsville, IL 62025-3698
530 N. Fourth Street, Suite 200
St. Louis, MO 63102-2607
555 West Central Rd., Suite 101
Hoffman Estates, IL 60132-1942

LEGEND

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

GENERAL NOTES:

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

- CITY OF GRANITE CITY
2000 EDISON AVENUE
GRANITE CITY, ILLINOIS 62040
(618) 452-6222 SANITARY SEWER
- AMEREN IP
2600 NORTH CENTER STREET
P.O. BOX 378, MC 0-10
MARYVILLE, ILLINOIS 62062
(618) 346-1270
ATTN: ANDY PARKER GAS
- AMEREN IP
2600 NORTH CENTER STREET
CM ENGR SPT A - D5
MARYVILLE, ILLINOIS 62062
(618) 346-1224
ATTN: JUSTIN JOSTES ELECTRIC
- AT&T
160 W DIVISION STREET
MARYVILLE, ILLINOIS 62062
(618) 346-6426
ATTN: KEVIN URBANEK TELEPHONE
- CHARTER COMMUNICATIONS
101 NORTHWEST PLAZA DR
ST. ANN, MISSOURI 63074
(636) 387-6633
ATTN: LISA WARD CABLE TELEVISION
- ILLINOIS AMERICAN WATER COMPANY
100 NORTH WATER WORKS DRIVE
BELLEVILLE, IL 62040
(618) 876-0011
ATTN: DARRELL TYLER WATER

(MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY *.
NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY)

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

TREES SHALL BE PRESERVED THROUGHOUT THIS SECTION AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.

AN ESTIMATED QUANTITY OF 100 TONS OF "AGGREGATE FOR TEMPORARY ACCESS" HAS BEEN INCLUDED IN THIS CONTRACT FOR THE PURPOSE OF MAINTAINING ACCESS TO PRIVATE PROPERTY AND SIDE ROADS THROUGHOUT CONSTRUCTION OPERATIONS DURING THIS CONTRACT.

EXISTING UTILITIES SHOWN ON THE PLANS ARE PLOTTED FROM AVAILABLE INFORMATION. THEIR LOCATION SHOULD BE CONSIDERED APPROXIMATE ONLY AND THERE MAY BE OTHERS NOT SHOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND PROTECT ALL UTILITIES. ANY DAMAGE TO UTILITIES SHALL BE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR IS ADVISED THAT LIMITED UNDERGROUND INVESTIGATION OF UTILITIES HAS BEEN PERFORMED IN CONNECTION WITH THIS PROJECT. SOME PLAN INFORMATION HAS BEEN OBTAINED FROM VISUAL SURFACE INSPECTION OR AVAILABLE DOCUMENTATION. THE OWNER AND ENGINEER ASSUME NO RESPONSIBILITY FOR THE PRESENCE, SPECIFIC SIZE, LOCATION OR CONDITION OF UNDERGROUND UTILITY AND DISTRIBUTION SYSTEMS. UTILITY LINE LOCATIONS SHOWN ARE APPROXIMATE AND MAY VARY FROM WHERE SHOWN ON THE PLANS.

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

REMOVAL OF AGGREGATE PAVEMENT SURFACE AND OIL AND CHIP PAVEMENT SHALL NOT BE PAID FOR SEPERATELY, BUT WILL BE PAID FOR AS EARTH EXCAVATION.

ALL EXCAVATED AREAS DUE TO WIDENING AND/OR STRUCTURE AND SIDEWALK CONSTRUCTION OPERATIONS SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTS. THIS WILL NOT BE PAID FOR SEPERATELY BUT WILL BE CONSIDERED INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

CHANGES IN THE VERTICAL OR HORIZONTAL DIMENSIONS OF GUTTERS, CURBS, OR COMBINATION CURB & GUTTER, WHEN TRANSITIONING FROM ONE TYPE TO ANOTHER AS SHOWN IN THE PLANS, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR THE TYPE DESIGNATED IN THE PLAN SCHEDULE.

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

WHERE PROPOSED CONCRETE PAVEMENT OR P.C.C. CURB AND GUTTER IS TO BE CONSTRUCTED ADJACENT TO EXISTING CONCRETE PAVEMENT OR P.C.C. CURB AND GUTTER, THE CONTRACTOR SHALL DRILL AND GROUT NO. 6 X 30 EPOXY COATED TIE BARS AT 30" CENTERS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF P.C.C. PAVEMENT 8" (JOINTED) OR COMBINATION CONCRETE CURB AND GUTTER AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE CONTRACTOR SHALL BE REQUIRED TO PERFORM SAWCUTTING AT THE EXISTING PAVEMENT, CURB AND GUTTER, OR SIDEWALK LOCATIONS THROUGHOUT THE PROJECT LIMITS IN ORDER TO PERFORM REMOVAL OPERATIONS. ALL SAWCUTS NEEDED WILL NOT BE PAID FOR SEPERATELY, BUT WILL BE INCLUDED IN THE UNIT COST OF THE REMOVAL ITEM.

THE REMOVAL OF ANY CURB/CURB AND GUTTER SHALL ALSO INCLUDE THE DISCONNECTION OF THE EXISTING CURB/CURB AND GUTTER FROM ANY REINFORCEMENT OR COLLATERAL MATERIAL THAT MAY BE PRESENTLY ATTACHED. THERE SHALL NOT BE ANY ADDITIONAL REMUNERATION, BUT THIS WORK SHALL BE CONSIDERED INCLUDED IN THE REMOVAL ITEM.

ALL MANHOLE AND INLET LOCATIONS NOTED IN THE PLANS REFER TO THE CENTER OF THE BARREL SECTION OF THE STRUCTURE.

THE FOLLOWING CONSTANTS WERE USED IN THE CALCULATION OF QUANTITIES FOR THIS PROJECT:

NITROGEN FERTILIZER NUTRIENTS	90 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENTS	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENTS	90 LBS/ACRE
GRANULAR MATERIALS	2.05 TONS/C.Y.

AN AMOUNT OF TEMPORARY PAVEMENT MARKING WHICH EQUALS THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN ADDED TO THE PLANS. REMOVAL OF TEMPORARY PAVEMENT MARKINGS WILL BE PAID FOR AS TEMPORARY PAVEMENT MARKING REMOVAL - 50 FT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH THE GRANITE CITY SCHOOL DISTRICT THROUGHOUT THE CONSTRUCTION PERIOD.

GRANITE CITY CUSD #9 (618) 451-5800

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE FIRE DEPARTMENT AND POLICE DEPARTMENT OF THE RESPECTIVE MUNICIPALITY ANY TIME NORMAL TRAFFIC FLOW ON ANY STREET OR ROAD IS TO BE INTERRUPTED, HOWEVER BRIEFLY.

GRANITE CITY FIRE DEPARTMENT	(618) 452-6231 (NON-EMERGENCY)
GRANITE CITY POLICE DEPARTMENT	(618) 451-9760 (NON-EMERGENCY)
MADISON COUNTY SHERIFF DEPARTMENT	(618) 692-4433 (NON-EMERGENCY)

COMMITMENTS:

- I. NO COMMITMENTS.

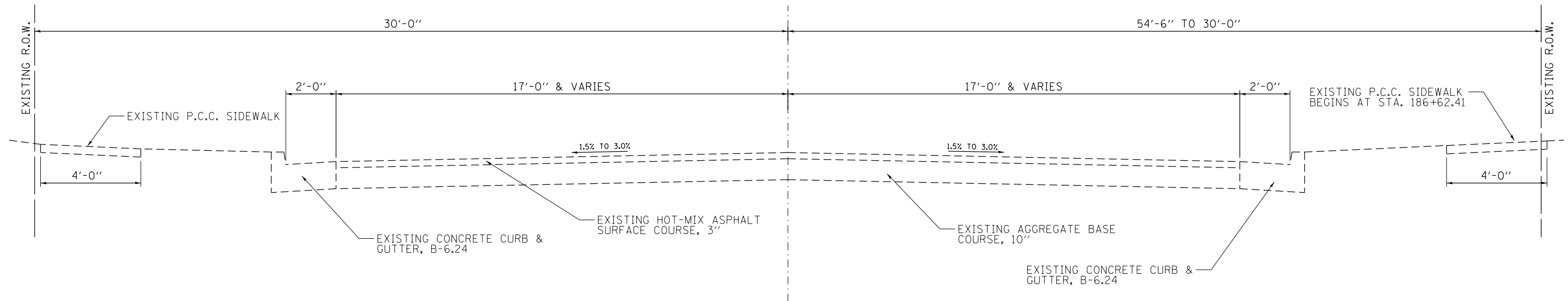
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PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -	9083			16-00150-02-R5	MADISON	28	2	
JUNEAU Job No. E150213	DATE - 4/19/18	REVISED -	CONTRACT NO. 97680							
PLOT DATE = 8/1/2018	DATE - 4/19/18	REVISED -	ILLINOIS FED. AID PROJECT							
				SCALE: NTS	SHEET 1 OF 1 SHEETS	STA.	TO STA.			

SUMMARY OF QUANTITIES

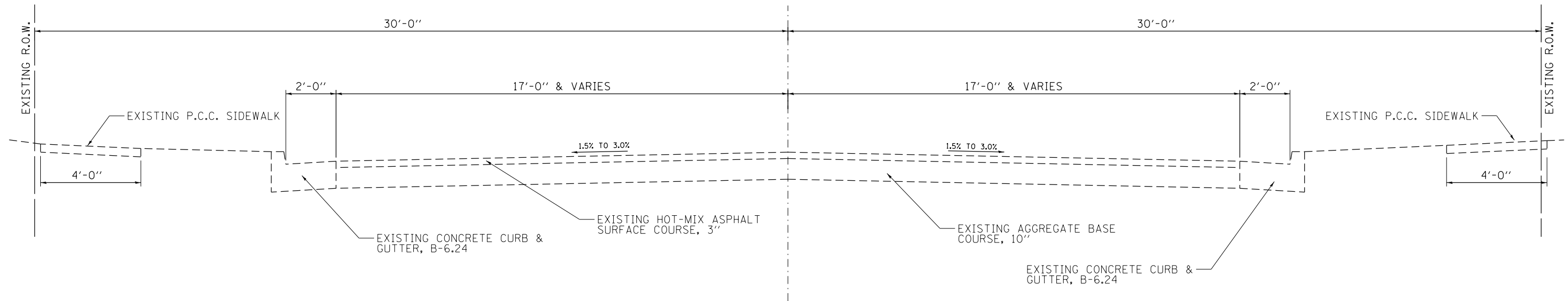
CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	1318
20800150	TRENCH BACKFILL	CU YD	36
25000100	SEEDING, CLASS 1	ACRE	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	23
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23
25100115	MULCH, METHOD 2	ACRE	0.50
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	25
28000500	INLET AND PIPE PROTECTION	EACH	8
31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	3861
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	3243
42001300	PROTECTIVE COAT	SQ YD	5241
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	339
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	34
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	9687
42400800	DETECTABLE WARNINGS	SQ FT	58
44000100	PAVEMENT REMOVAL	SQ YD	3216
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	321
44000500	COMBINATION CONCRETE CURB AND GUTTER REMOVAL	FOOT	1740
44000600	SIDEWALK REMOVAL	SQ FT	5730
54216200	REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 15" RISER	EACH	2
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	137
56109210	WATER VALVES TO BE ADJUSTED	EACH	1
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	2
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	1
60255500	MANHOLES TO BE ADJUSTED	EACH	6
60260100	INLETS TO BE ADJUSTED	EACH	1

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
60500060	REMOVING INLETS	EACH	1
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	831
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	908
67100100	MOBILIZATION	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	387
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	129
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	31
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	2327
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	235
Δ 72000100	SIGN PANEL - TYPE 1	SQ FT	55
Δ 72900100	METAL POST - TYPE A	FOOT	137
Δ 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	77
Δ 78003100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS	SQ FT	31
Δ 78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	2327
Δ 78003150	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"	FOOT	158
Δ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	27
X6024242	INLETS, SPECIAL, NO. 1	EACH	1
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	1041
Δ X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	96
Δ X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	2327
Δ X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	158

Δ SPECIALTY ITEMS

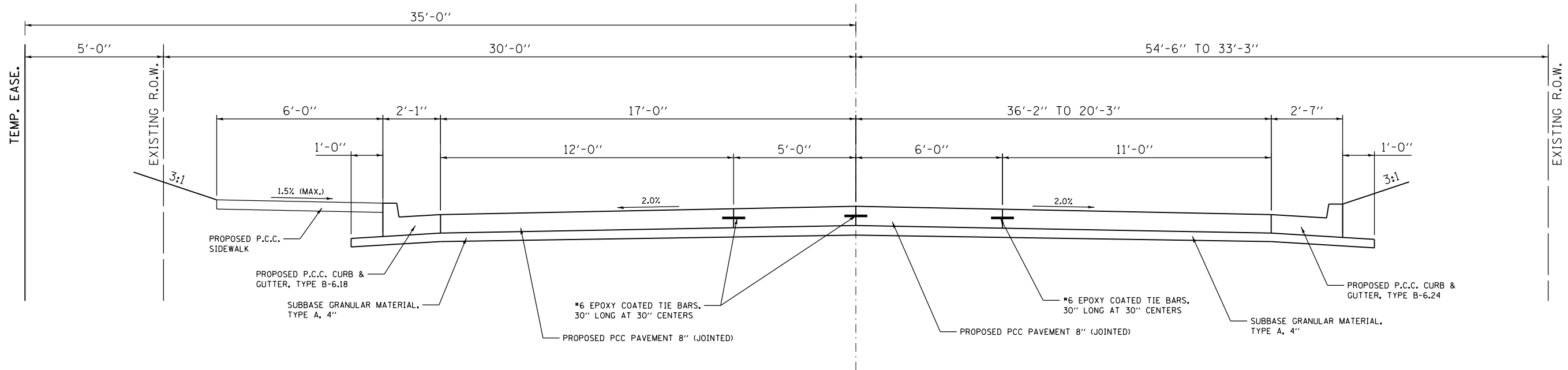


FEHLING ROAD EXISTING TYPICAL SECTION
 STA. 185+92.82 TO STA. 187+04.89

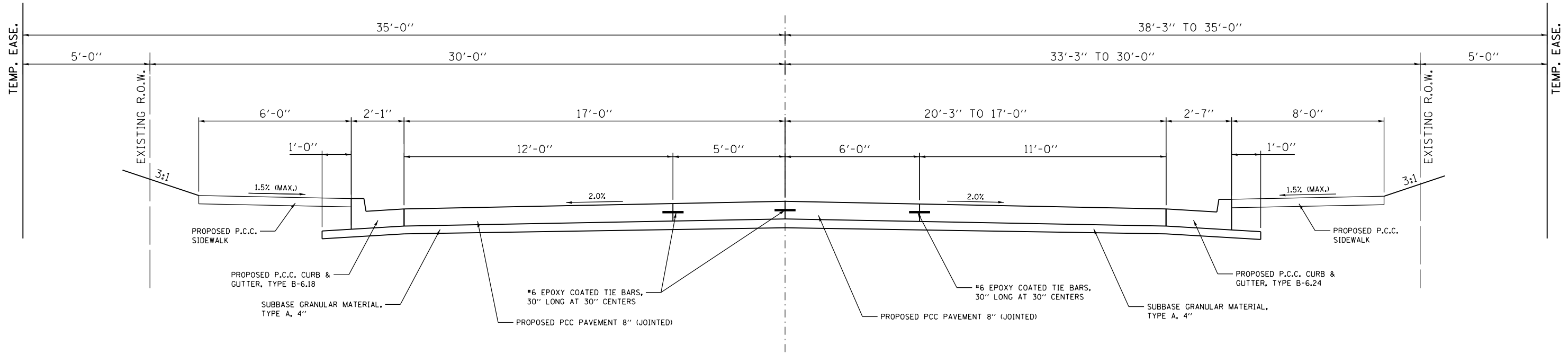


FEHLING ROAD EXISTING TYPICAL SECTION
 STA. 187+04.89 TO STA. 194+31.15

FILE NAME = Typicals Existing Fehling ph2.dgn	USER NAME = tkruerp	DESIGNED - SAS	REVISED -	FEHLING ROAD RECONSTRUCTION PHASE 2 GRANITE CITY, ILLINOIS	EXISTING TYPICAL SECTIONS			F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -					9083	16-00150-02-RS	MADISON	28	4
JUNEAU JOB #150213	PLOT DATE = 8/1/2018	DATE - 4/19/18	REVISED -		SCALE: N.T.S.	SHEET 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 97680			
ILLINOIS FED. AID PROJECT												



FEHLING ROAD PROPOSED TYPICAL SECTION
 STA. 185+92.82 TO STA. 186+62.41



FEHLING ROAD PROPOSED TYPICAL SECTION
 STA. 186+62.41 TO STA. 187+04.89

FEHLING ROAD STRUCTURAL DESIGN TRAFFIC

STRUCTURAL DESIGN TRAFFIC
 DESIGN YEAR: 2038
 DESIGN YEAR ADT: 9884
 88% PV 8% SU 4% MU
 ROAD/STREET CLASSIFICATION: URBAN COLLECTOR
 PERCENT OF STRUCTURAL DESIGN TRAFFIC
 IN DESIGN LANE PV = 50% SU = 50% MU = 50%
 TRAFFIC FACTOR = 0.32
 MINIMUM SOIL SUPPORT IBS = 3.0 (ASSUMED)
 PAVEMENT STRUCTURE MATERIALS:
 RIGID PAVEMENT - 8" JOINTED PCC PAVEMENT
 4" SUBBASE GRANULAR MATERIAL

FILE NAME =
 Typical Proposed Fehling ph2.dgn
 JUNEAU JOB #150213

USER NAME = tkruerp
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 8/1/2018

DESIGNED - SAS
 DRAWN - TAK
 CHECKED - BFK
 DATE - 4/19/18

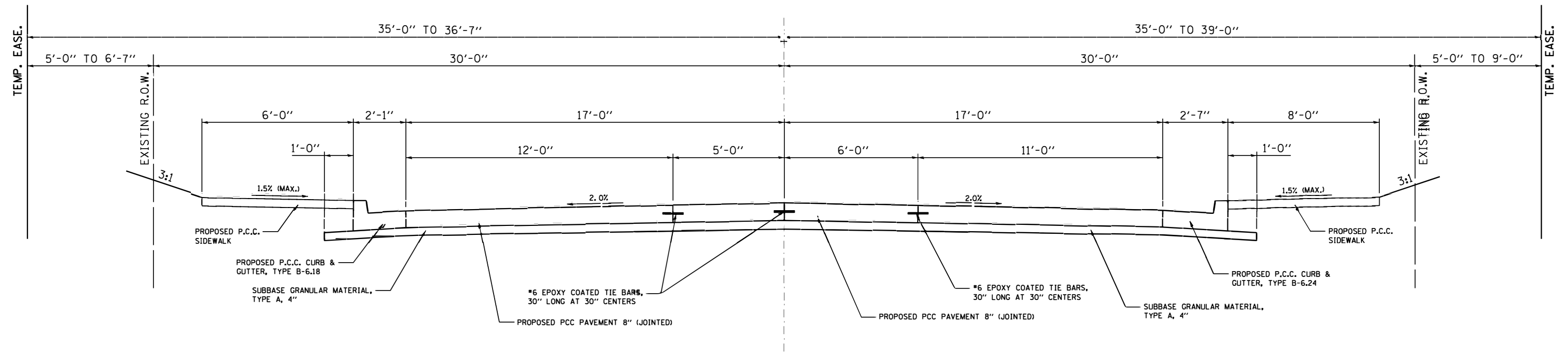
REVISED -
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**FEHLING ROAD RECONSTRUCTION
 PHASE 2
 GRANITE CITY, ILLINOIS**

PROPOSED TYPICAL SECTIONS

SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	16-00150-02-R5	MADISON	28	5
CONTRACT NO. 97680				
ILLINOIS FED. AID PROJECT				



FEHLING ROAD PROPOSED TYPICAL SECTION
 STA. 187+04.89 TO STA. 194+31.15

FILE NAME = Typicals Proposed Fehling ph2.dgn	USER NAME = tkruop	DESIGNED - SAS	REVISED -	FEHLING ROAD RECONSTRUCTION PHASE 2 GRANITE CITY, ILLINOIS	PROPOSED TYPICAL SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	DRAWN - TAK	REVISED -				9083	16-00150-02-PV	MADISON	28	6
JUNEAU JOB #150213	PLOT DATE = 8/1/2018	CHECKED - BFK	REVISED -		SCALE: N.T.S.	SHEET 2 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 97680 ILLINOIS FED. AID PROJECT		
		DATE - 4/19/18	REVISED -								

PAVING SCHEDULE

LOCATION	PCC PAVEMENT 8" (JOINTED) (SQ YD)	SUBBASE GRANULAR MATERIAL TYPE A, 4" (SQ YD)
FEHLING ROAD		
STA. 185+92.82 TO STA. 194+31.14	3243.0	3860.6
TOTAL	3243	3861

SEEDING SCHEDULE

LOCATION	TEMPORARY EROSION CONTROL SEEDING (LB)	SEEDING CLASS 1 (ACRE)	NITROGEN FERTILIZER NUTRIENT (LB)	PHOSPHORUS FERTILIZER NUTRIENT (LB)	POTASSIUM FERTILIZER NUTRIENT (LB)	MULCH METHOD 2 (ACRE)
FEHLING ROAD						
STA. 185+92.82 TO STA. 194+31.15	25	0.25	23	23	23	0.50
TOTAL	25	0.25	23	23	23	0.50

MANHOLE AND INLET SCHEDULE

STRUCTURE ID	LOCATION	INLETS, TYPE A, TYPE 3 FRAME AND GRATE (EACH)	INLETS, TYPE A, TYPE 23 FRAME AND GRATE (EACH)	INLETS, TYPE B, TYPE 3 FRAME AND GRATE (EACH)	MANHOLES, TYPE A, 4' DIA., TYPE 3 FRAME AND GRATE (EACH)	INLETS, SPECIAL NO. 1 (EACH)	REINFORCED CONCRETE PIPE TEE 24" PIPE WITH 15" RISER (EACH)	INLETS TO BE ADJUSTED (EACH)	MANHOLES TO BE ADJUSTED (EACH)
	FEHLING ROAD								
EX STM MH 17	STA. 188+88.65 - 14.01' RT								1
EX STM MH 18	STA. 188+91.12 - 25.26' RT								1
EX SAN MH	STA. 191+30.43 - 22.96' LT								1
EX SAN MH	STA. 191+52.76 - 23.25' LT								1
EX SAN MH	STA. 191+60.52 - 23.17' LT								1
I-1	STA. 192+20.00 - 18.22' LT	1							
I-3	STA. 192+20.00 - 18.72' RT			1					
T-1	STA. 192+20.00 - 22.89' RT						1		
I-2	STA. 193+00.00 - 18.13' LT		1						
I-4	STA. 193+00.00 - 18.63' RT		1						
T-2	STA. 193+00.00 - 22.32' RT						1		
EX STM MH 20	STA. 193+61.39 - 14.08' RT								1
M-1	STA. 193+62.36 - 19.42' LT				1				
EX STM CB 19	STA. 193+62.44 - 21.87' RT							1	
I-5	STA. 194+38.56 - 20.45' LT					1			
TOTAL		1	2	1	1	1	2	1	6

SIDEWALK SCHEDULE

LOCATION	P.C.C. SIDEWALK 4" (SQ FT)
FEHLING ROAD	
STA. 185+70.98 - 25.52' LT TO STA. 186+13.19 - 25.08' LT	192.8
STA. 186+27.37 - 25.08' LT TO STA. 186+48.80 - 25.08' LT	84.2
STA. 186+62.42 - 22.81' RT TO STA. 192+95.09 - 27.58' RT	5095.7
STA. 186+61.90 - 25.08' LT TO STA. 187+11.45 - 25.08' LT	242.3
STA. 187+29.45 - 25.08' LT TO STA. 187+83.87 - 25.08' LT	290.5
STA. 187+95.87 - 25.08' LT TO STA. 188+49.96 - 25.08' LT	288.5
STA. 188+67.46 - 25.08' LT TO STA. 189+16.05 - 25.08' LT	255.6
STA. 189+34.55 - 25.08' LT TO STA. 189+82.66 - 25.08' LT	252.7
STA. 189+98.66 - 25.08' LT TO STA. 190+38.87 - 25.08' LT	205.3
STA. 190+66.87 - 25.08' LT TO STA. 191+13.84 - 25.08' LT	245.8
STA. 191+32.84 - 25.08' LT TO STA. 191+81.70 - 25.08' LT	257.2
STA. 191+97.70 - 25.08' LT TO STA. 192+38.92 - 25.08' LT	211.3
STA. 192+62.92 - 25.08' LT TO STA. 193+06.36 - 25.08' LT	224.7
STA. 193+13.09 - 27.58' RT TO STA. 194+68.09 - 25.94' RT	1152.0
STA. 193+30.36 - 25.08' LT TO STA. 194+03.95 - 25.08' LT	405.5
STA. 194+15.95 - 25.06' LT TO STA. 194+58.12 - 29.47' LT	283.3
TOTAL	9687

COMBINATION CURB AND GUTTER SCHEDULE

LOCATION	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (FOOT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (FOOT)
FEHLING ROAD		
STA. 185+92.82 - 18.50' LT TO STA. 194+30.80 - 18.18' LT	831	
STA. 186+05.17 - 38.12' RT TO STA. 194+62.10 - 19.13' RT		868
STA. 194+30.79 - 18.45' LT TO STA. 194+62.31 - 36.76' LT		40
TOTAL	831	908

DRIVEWAY PAVEMENT SCHEDULE

LOCATION	OFFSET	WIDTH (FOOT)	PCC DRIVEWAY PAVEMENT 6 INCH (SQ YD)	PCC DRIVEWAY PAVEMENT 8 INCH (SQ YD)	"Y" DISTANCE (FOOT)
FEHLING ROAD					
P.E. @ STA. 186+20.28	LT	13.0	19.9		4.9
P.E. @ STA. 186+55.59	LT	12.0	18.6		4.9
P.E. @ STA. 187+20.45	LT	18.0	25.8		4.9
P.E. @ STA. 187+89.87	LT	12.0	18.6		4.9
P.E. @ STA. 188+59.68	LT	17.5	25.2		4.9
P.E. @ STA. 189+25.30	LT	18.5	26.4		4.9
P.E. @ STA. 189+90.66	LT	16.0	26.0		6.4
P.E. @ STA. 190+52.87	LT	28.0	42.8		6.5
P.E. @ STA. 191+23.16	LT	19.0	27.1		4.9
P.E. @ STA. 191+87.00	LT	16.0	23.4		4.9
P.E. @ STA. 192+50.92	LT	24.0	33.1		4.9
C.E. @ STA. 193+04.09	RT	18.0		34.4	6.5
P.E. @ STA. 193+18.36	LT	24.0	33.1		4.9
P.E. @ STA. 194+09.86	LT	12.0	19.0		5.2
TOTAL			339	34	

SIGN SCHEDULE

LOCATION	PROPOSED OFFSET	TYPE	SIZE	SIGN PANEL TYPE 1 (SQ FT)	METAL POST TYPE A (FOOT)
FEHLING ROAD					
STA. 186+79.57	30.36' RT	S1-1	36"x36"	9.0	2 x 13.0
		W16-7P	24"x12"	2.0	
STA. 186+82.81	26.68' LT	S1-1	36"x36"	9.0	2 x 13.0
		W16-7P	24"x12"	2.0	
STA. 194+50.10	31.11' LT	W11-2	36"x36"	9.0	2 x 14.2
		W16-7P	24"x12"	2.0	
STA. 194+50.10	23.42' RT	W11-2	36"x36"	9.0	2 x 14.2
		W16-7P	24"x12"	2.0	
STA. 196+20.18	24.25' LT	W11-2	36"x36"	9.0	2 x 14.2
		W16-9P	24"x12"	2.0	
TOTAL				55	137

DETECTABLE WARNINGS SCHEDULE

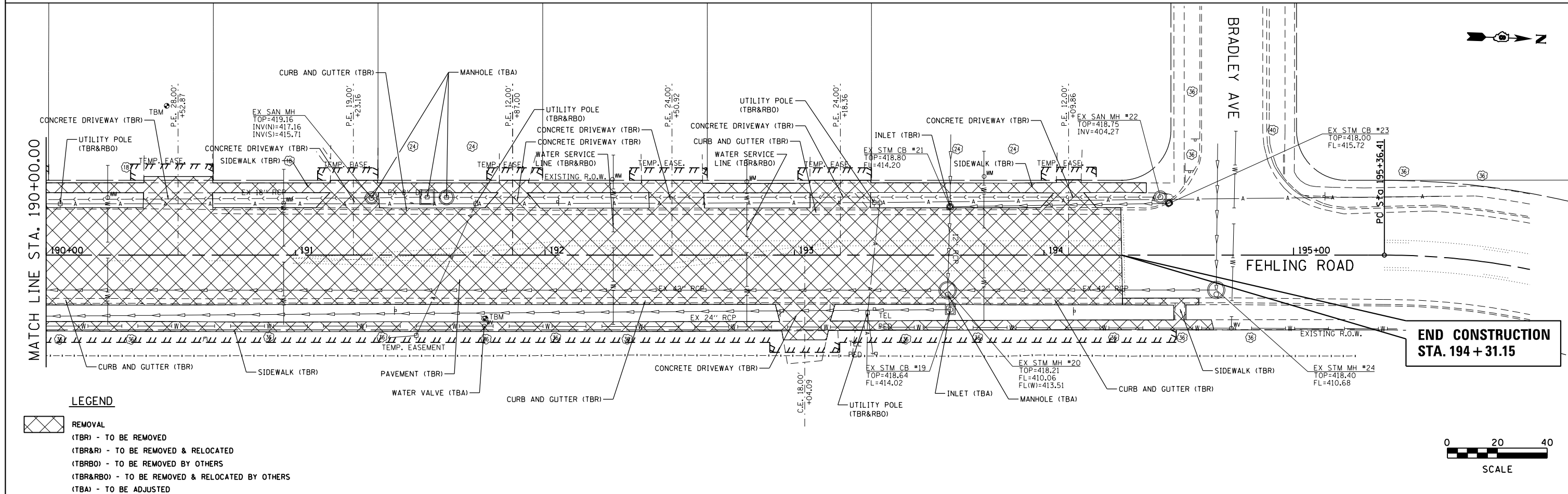
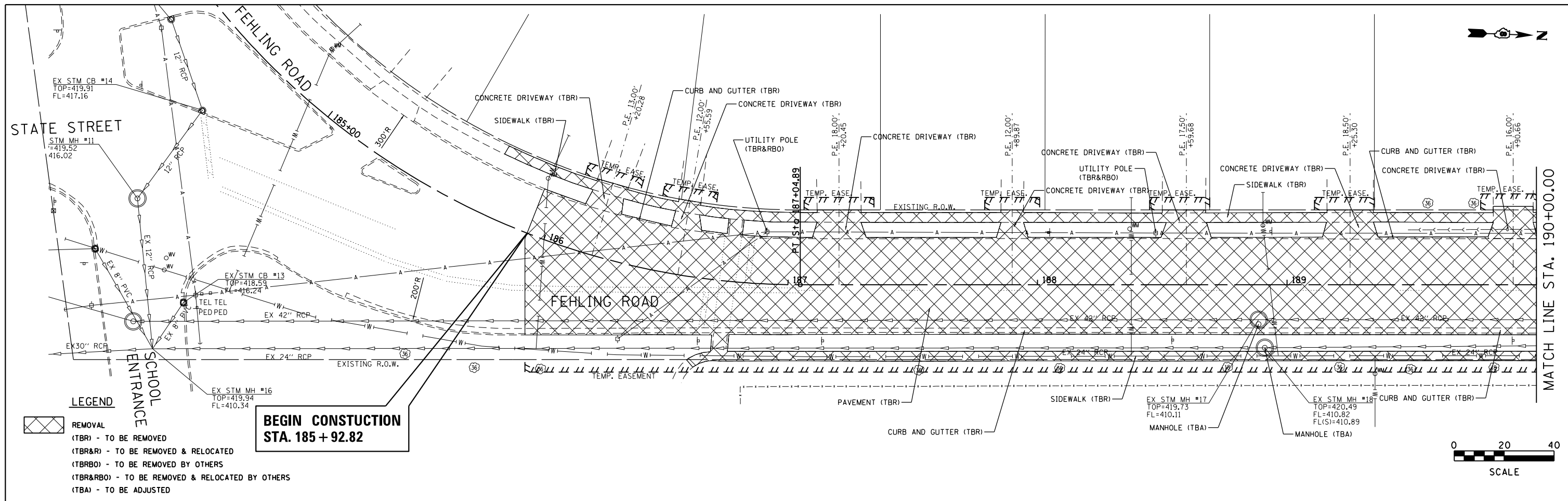
LOCATION	DETECTABLE WARNINGS (SQ FT)
FEHLING ROAD	
STA. 186+74.72 - 19.08' LT TO STA. 186+83.28 - 19.08' LT	16
STA. 186+78.43 - 20.83' RT TO STA. 186+85.89 - 20.22' RT	16
STA. 194+50.13 - 24.98' LT TO STA. 194+52.13 - 24.98' LT	8
STA. 194+52.10 - 20.01' RT TO STA. 194+57.10 - 20.01' RT	10
STA. 194+52.12 - 28.98' LT TO STA. 194+56.12 - 28.98' LT	8
TOTAL	58

PROTECTIVE COAT SCHEDULE

LOCATION	PROTECTIVE COAT (SQ YD)
FEHLING ROAD	
PCC PAVEMENT	3243
PCC SIDEWALK	1076
DRIVEWAY PAVEMENT	373
PCC CURB AND GUTTER, TYPE B-6.18	238
PCC CURB AND GUTTER, TYPE B-6.24	311
TOTAL	5241

PAVEMENT MARKING SCHEDULE

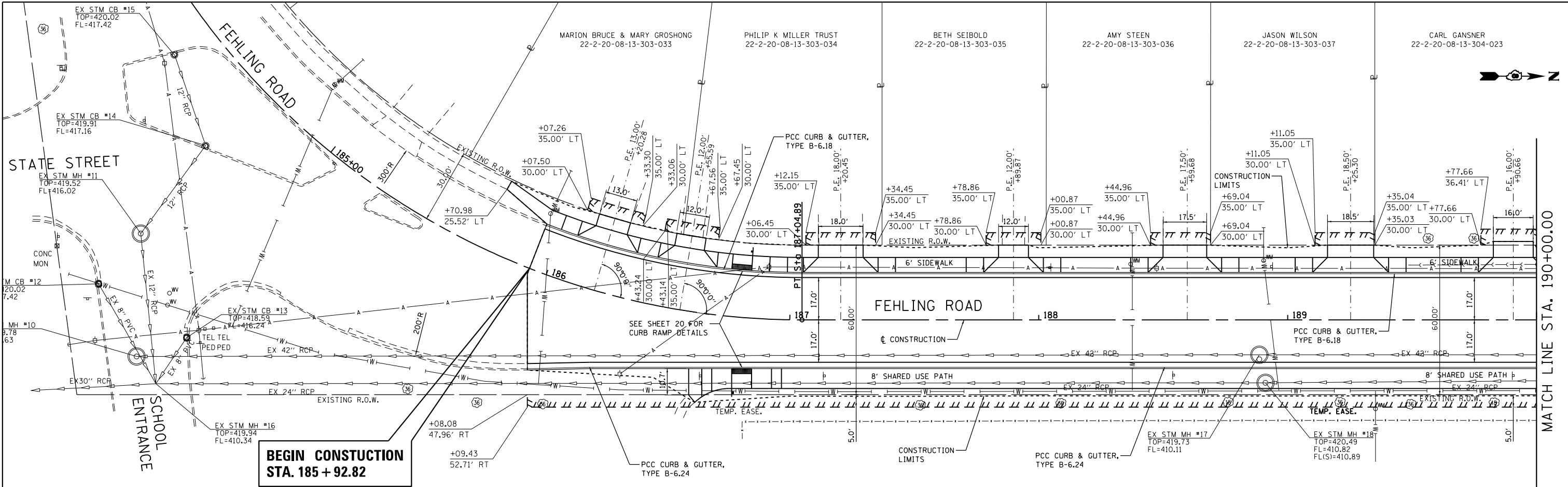
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		LETTERS & SYMBOLS (SQ FT)	4" YELLOW (FOOT)	4" WHITE (FOOT)	12" WHITE (FOOT)	12" YELLOW (FOOT)	LETTERS & SYMBOLS (SQ FT)	5" (FOOT)	13" (FOOT)		12" (FOOT)	ONE-WAY CRYSTAL (EACH)	ONE-WAY AMBER (EACH)	TWO-WAY AMBER (EACH)	LETTERS & SYMBOLS (SQ FT)	LINE 4" (FOOT)			
FEHLING ROAD																			
STA. 185+92.82 TO STA. 194+31.15	DOUBLE CENTERLINE		2212																
	LANE LINE			115															
	ARROWS	31					96												
	CROSSWALK LINE									77									
	CROSSWALK BARS					96													
	DIAGONALS																		
TOTAL		31	2212	115	96	62	96	2327	158	77	4	12	11	31	2327	235	1041	387	129



FILE NAME = removal 01.dgn	USER NAME = tkruep	DESIGNED - SAS	REVISED -	FEHLING ROAD RECONSTRUCTION PHASE 2 GRANITE CITY, ILLINOIS	REMOVAL PLAN			F.A.U. RTE. 9083	SECTION 16-00150-02-R5	COUNTY MADISON	TOTAL SHEETS 28	SHEET NO. 10
JUNEAU JOB NO. E150213	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -		SCALE: 1"=20'	SHEET 1	OF 1 SHEETS	STA. 185+92.82	TO STA. 194+31.15	CONTRACT NO. 97680		
	PLOT DATE = 8/1/2018	DATE - 4/27/18	REVISED -		ILLINOIS FED. AID PROJECT							

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
NO. _____	
NO. _____	
NO. _____	

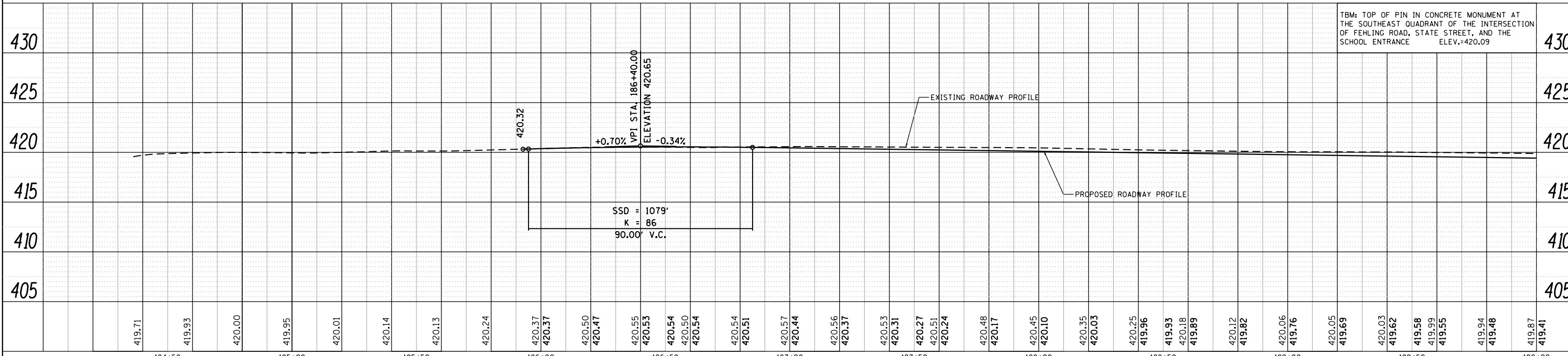
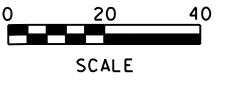
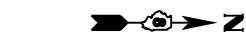
DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS OK'D	
NO. _____	
NO. _____	



PROP. CURVE FEHLING-1
 PI STA. = 185+36.15
 $\Delta = 82^\circ 17' 00''$ (LT)
 $D = 19^\circ 05' 55''$
 $R = 300.00'$
 $T = 262.09'$
 $L = 430.83'$
 $E = 98.36'$
 P.C. STA = 182+74.06
 P.T. STA = 187+04.89

**BEGIN CONSTRUCTION
 STA. 185 + 92.82**

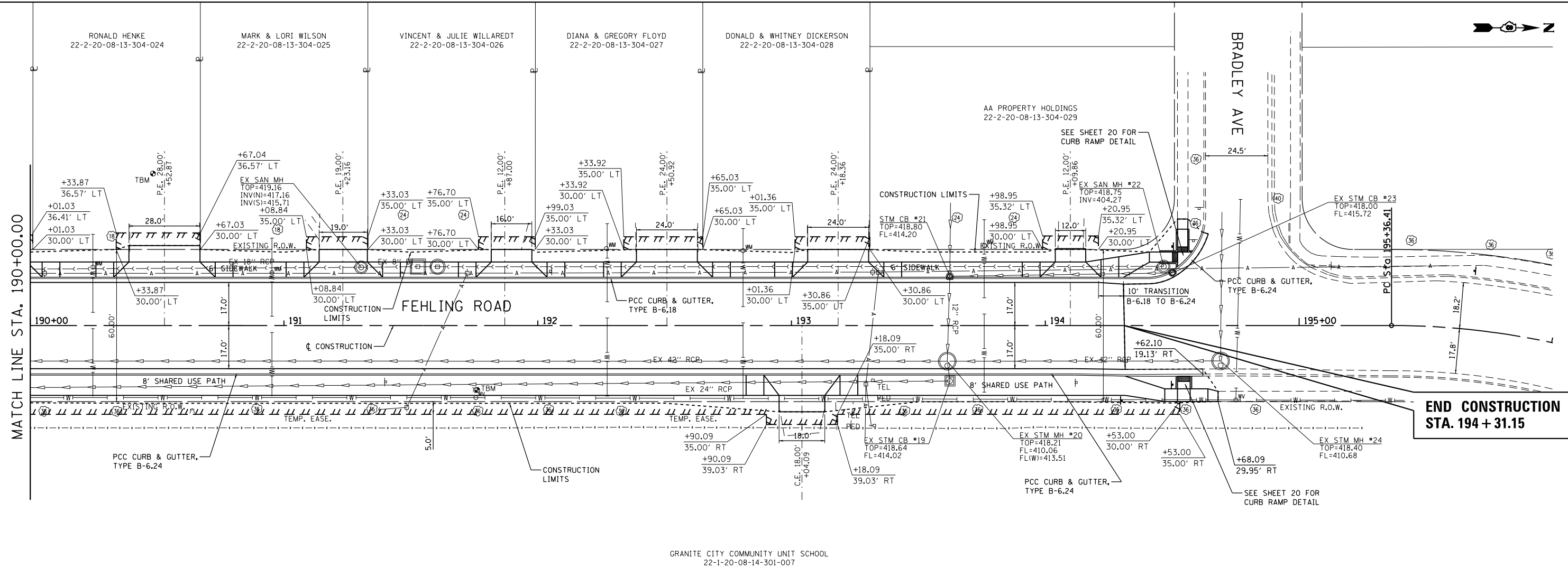
GRANITE CITY COMMUNITY UNIT SCHOOL
 22-1-20-08-14-301-007



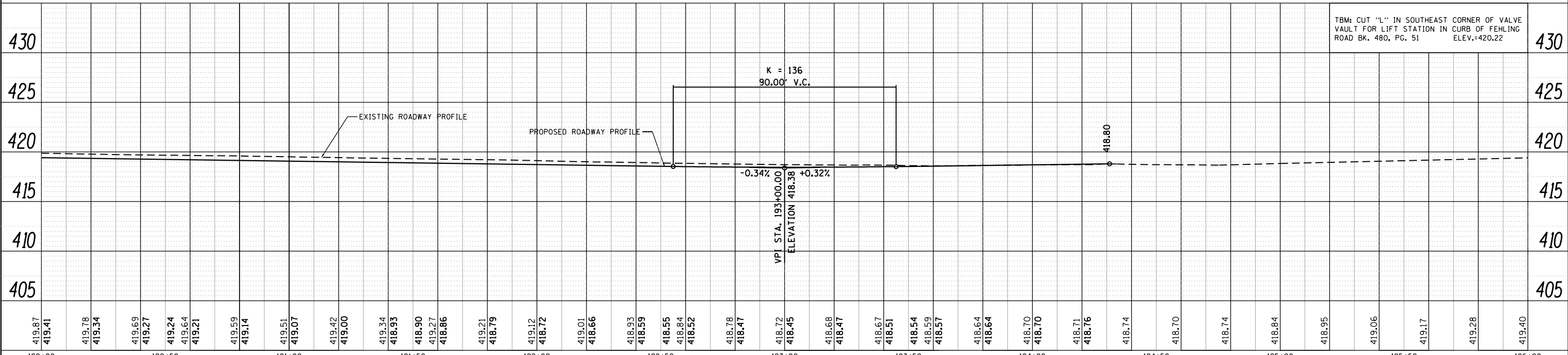
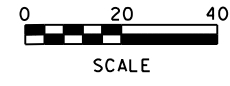
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JUNEAU JOB NO. E150213	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -		SCALE: 1" = 20'	SHEET 1 OF 2 SHEETS	STA. 185+92.82 TO STA. 190+00.00	CONTRACT NO. 97680			
	PLOT DATE = 8/1/2018	DATE = 4/19/18	REVISED -		ILLINOIS FED. AID PROJECT						

DATE	
BY	
PLAN	SURVEYED
	NOTED
	ALIGNED
	CHECKED
	FILED
	NO.

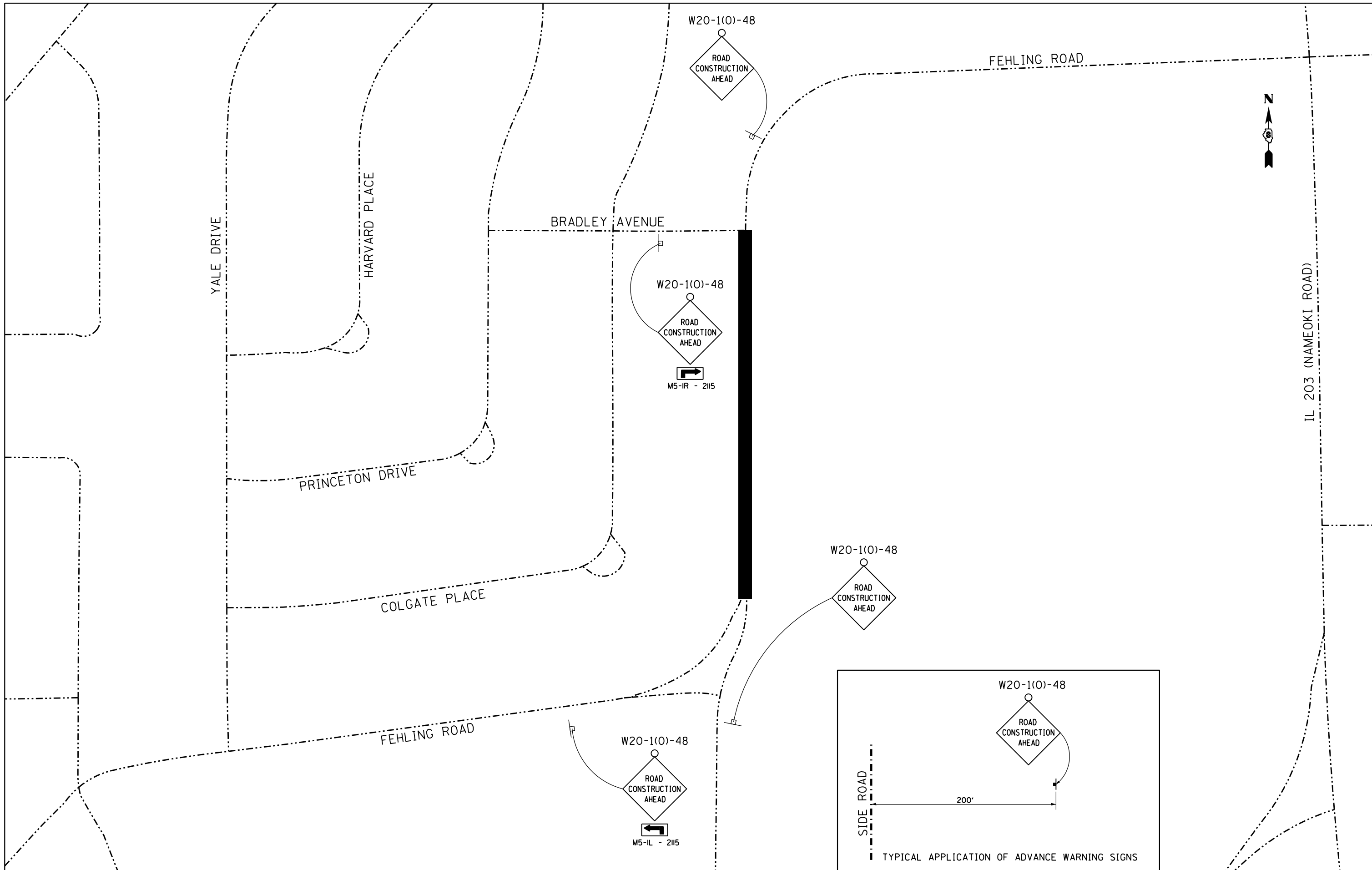
DATE	
BY	
PROFILE	SURVEYED
	NOTED
	GRADES
	CHECKED
	STRUCTURE
	NOTATIONS
	CHKD
	NO.



**END CONSTRUCTION
STA. 194 + 31.15**



FILE NAME =	USER NAME = tkruep	DESIGNED - SAS	REVISED -	FEHLING ROAD RECONSTRUCTION PHASE 2 GRANITE CITY, ILLINOIS	PLAN AND PROFILE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P:\Granite\2015\E150213 Fehling Road\Phase 2 Plans\plan 02 ph2.dgn		DRAWN - SAS	REVISED -		9083	16-00150-02-RS	MADISON	28	12		
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JUNEAU JOB NO. E150213	PLOT DATE = 8/1/2018	DATE - 10/05/15	REVISED -		SCALE: 1" = 20'	SHEET 2 OF 2 SHEETS	STA. 190+00.00 TO STA. 194+31.15	ILLINOIS FED. AID PROJECT			



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 JUNEAU Job #150213

USER NAME = tkruerp
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 PLOT DATE = 8/1/2018

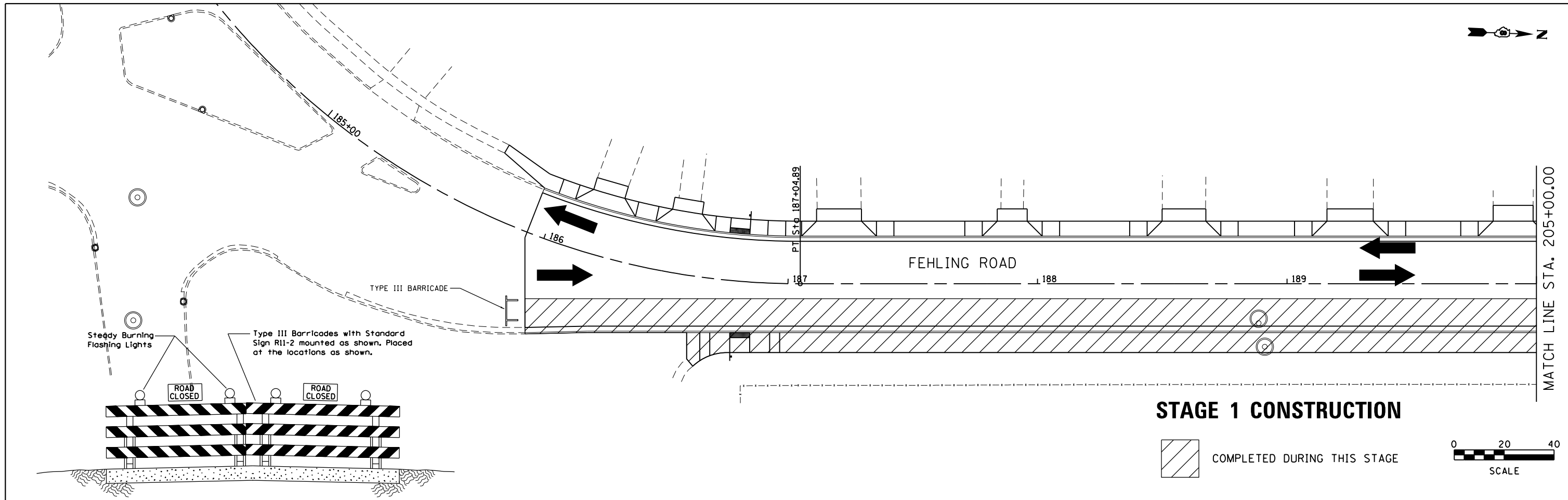
DESIGNED - SAS
 DRAWN - TAK
 CHECKED - BFK
 DATE - 4/19/18

**FEHLING ROAD RECONSTRUCTION
 PHASE 2
 GRANITE CITY, ILLINOIS**

ADVANCED WARNING SIGNS
 SCALE: 1"=100' SHEET 1 OF 1 SHEETS STA. TO STA.

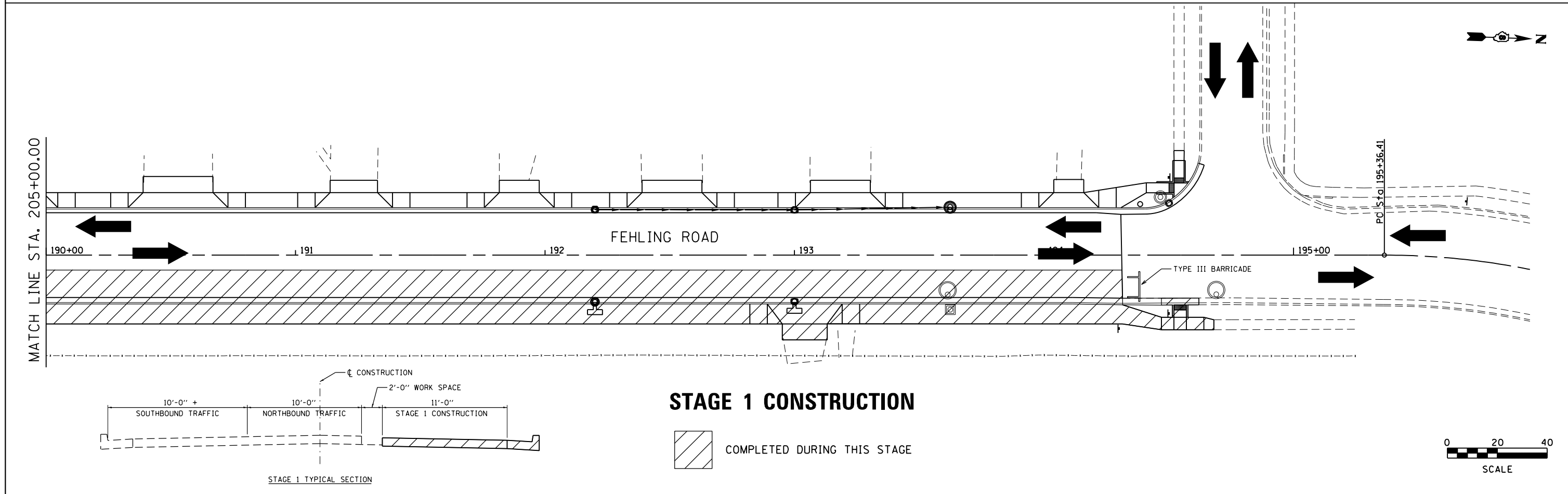
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	16-00150-02-R5	MADISON	28	13
CONTRACT NO. 97680				

ILLINOIS FED. AID PROJECT



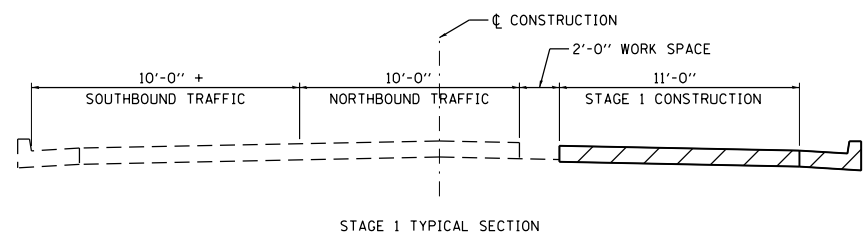
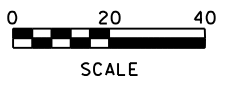
STAGE 1 CONSTRUCTION

COMPLETED DURING THIS STAGE

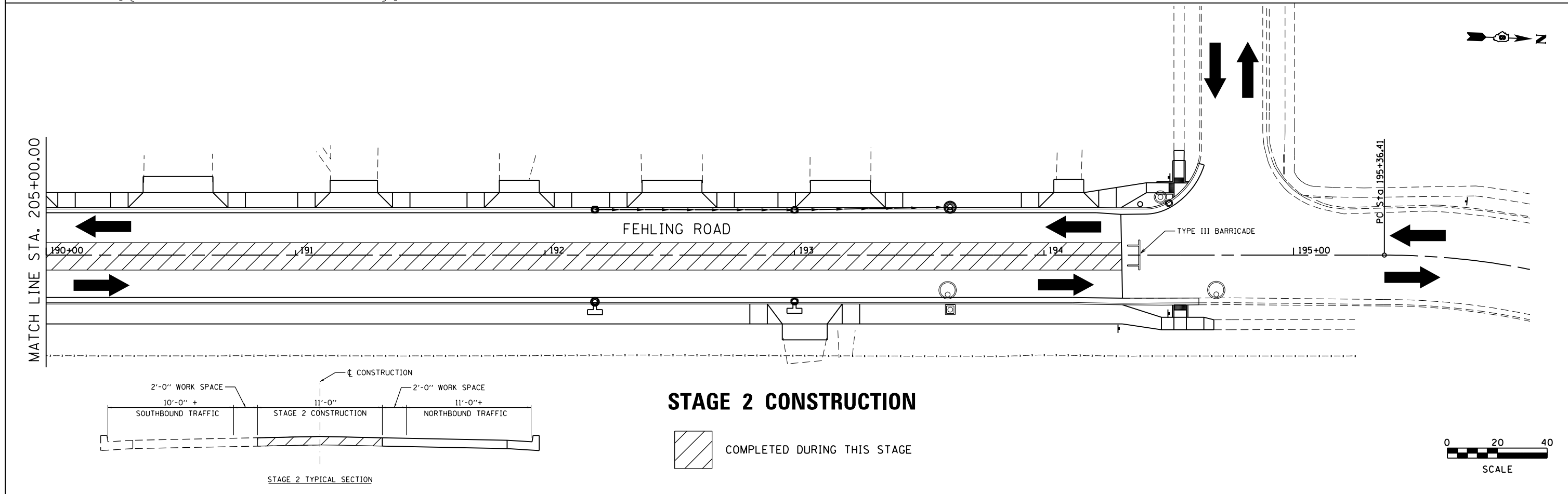
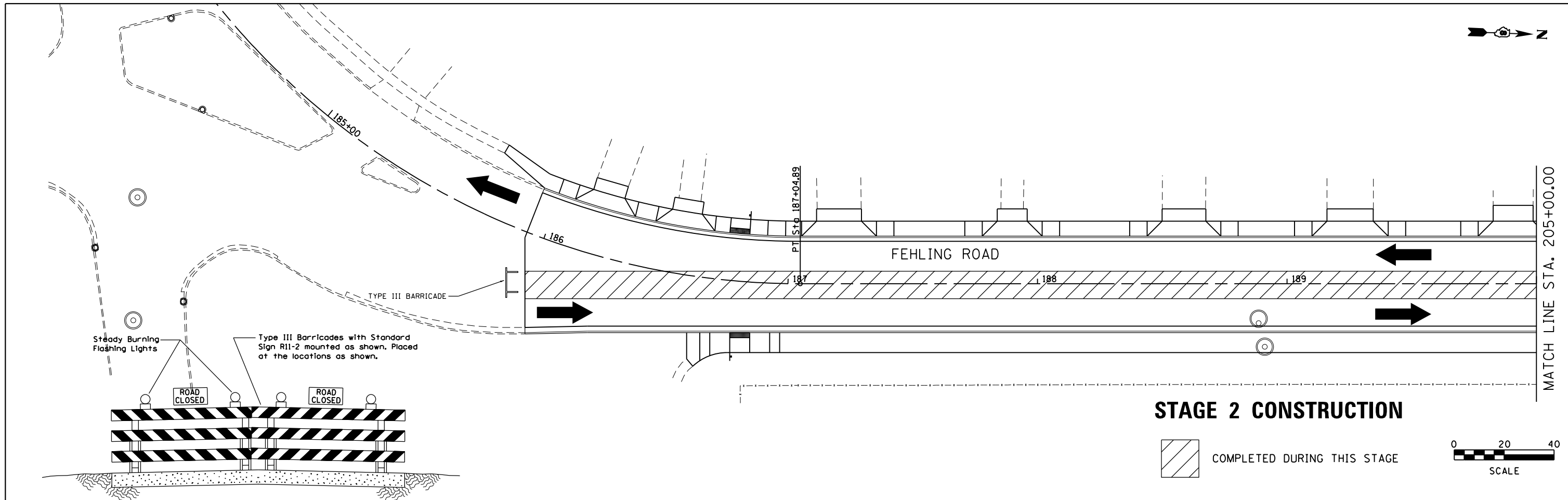


STAGE 1 CONSTRUCTION

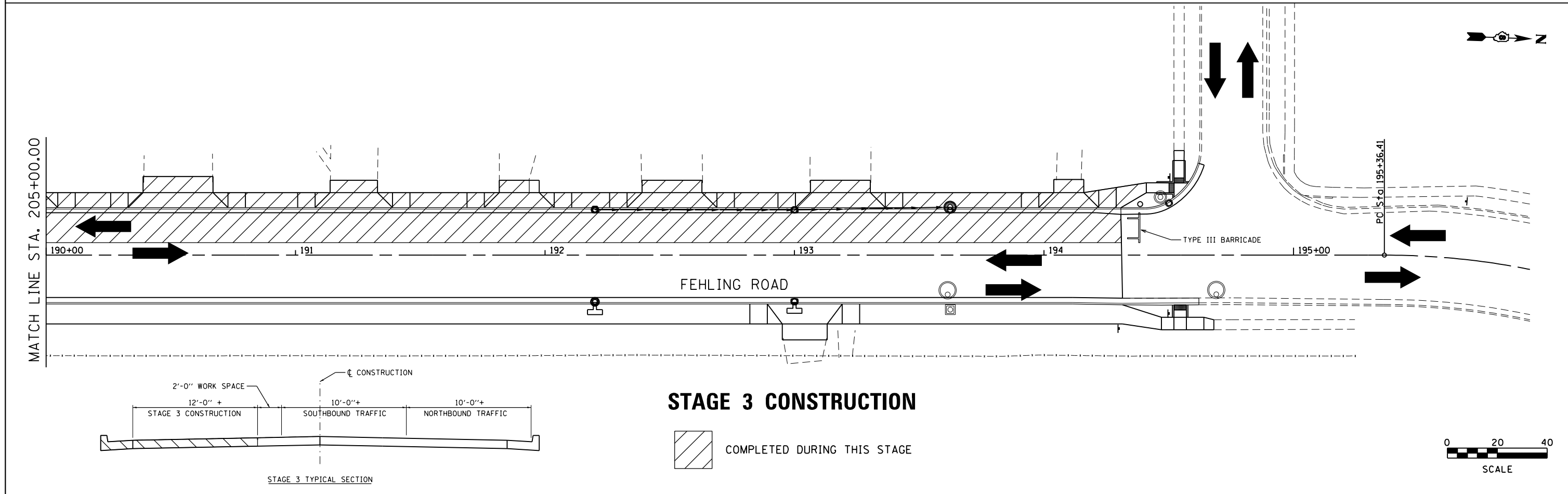
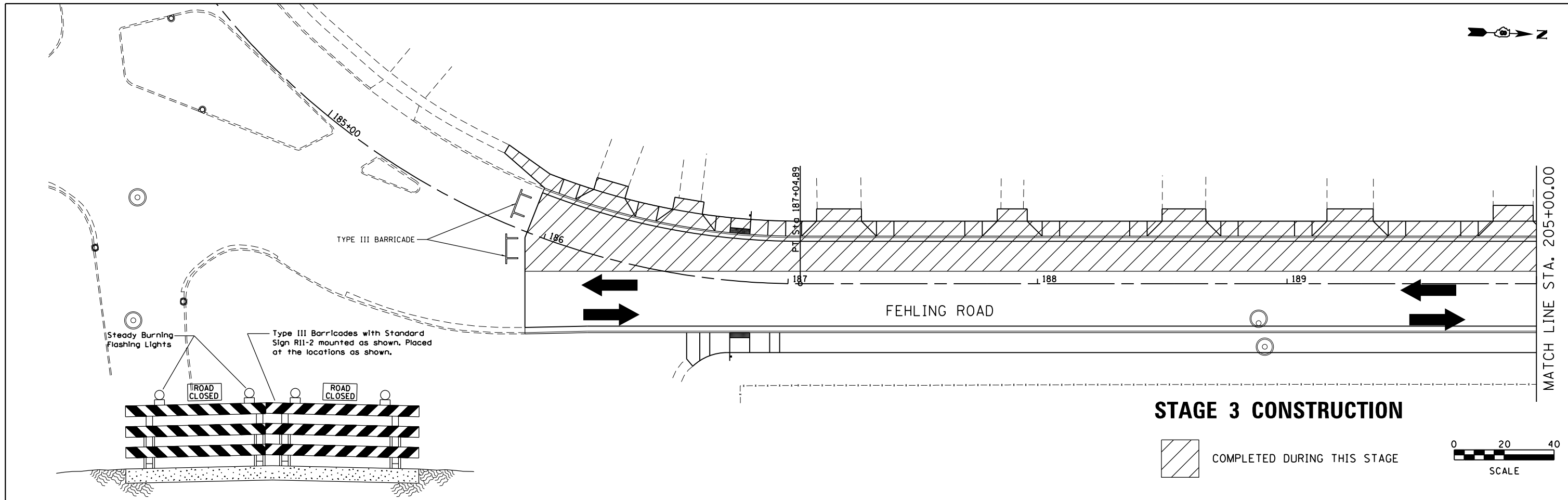
COMPLETED DURING THIS STAGE



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JUNEAU JOB NO. E150213	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -		SCALE: 1"=20'	SHEET 1	OF 3 SHEETS	STA. 185+92.82	TO STA. 194+31.15	CONTRACT NO. 97680		
	PLOT DATE = 8/1/2018	DATE - 04/04/17	REVISED -		ILLINOIS FED. AID PROJECT							



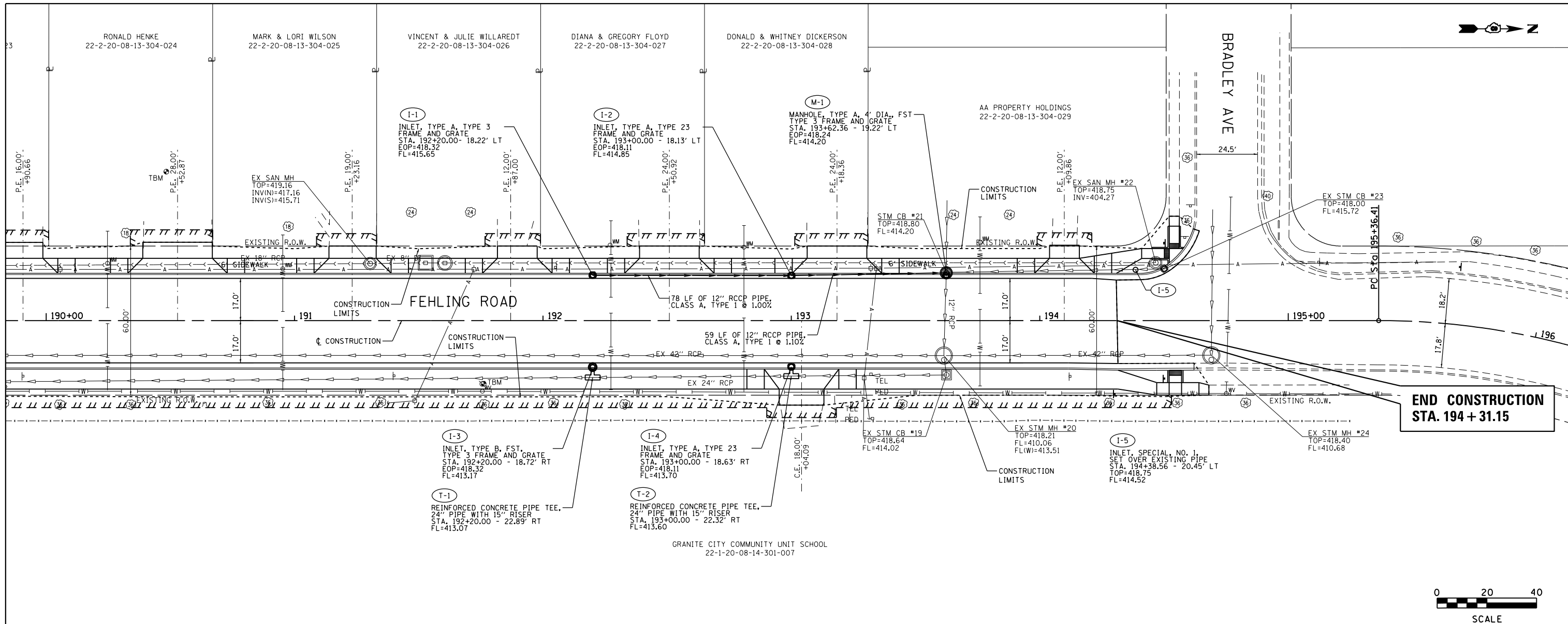
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JUNEAU JOB NO. E150213	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -		SCALE: 1"=20'	SHEET 2 OF 3 SHEETS	STA. 185+92.82 TO STA. 194+31.15	CONTRACT NO. 97680				
	PLOT DATE = 8/1/2018	DATE - 04/04/17	REVISED -		ILLINOIS FED. AID PROJECT							



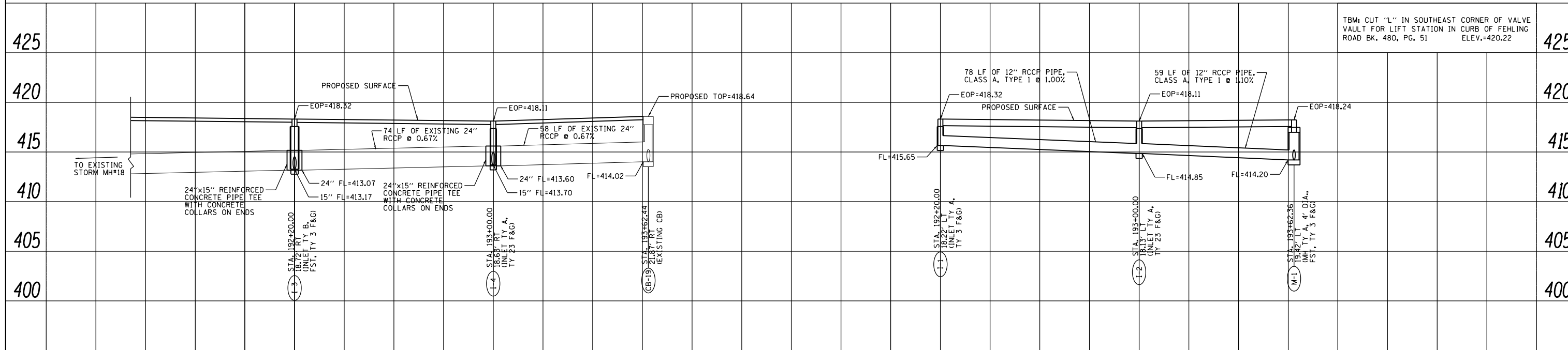
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JUNEAU JOB NO. E150213	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -		SCALE: 1"=20'	SHEET 3	OF 3 SHEETS	STA. 185+92.82	TO STA. 194+31.15	CONTRACT NO. 97680			
	PLOT DATE = 8/1/2018	DATE - 04/04/17	REVISED -		ILLINOIS FED. AID PROJECT								

DATE	
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	ALIGNED
	CHECKED
	DESIGNED
	FILED
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DATE	
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PROFILE	SURVEYED
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	CHKD
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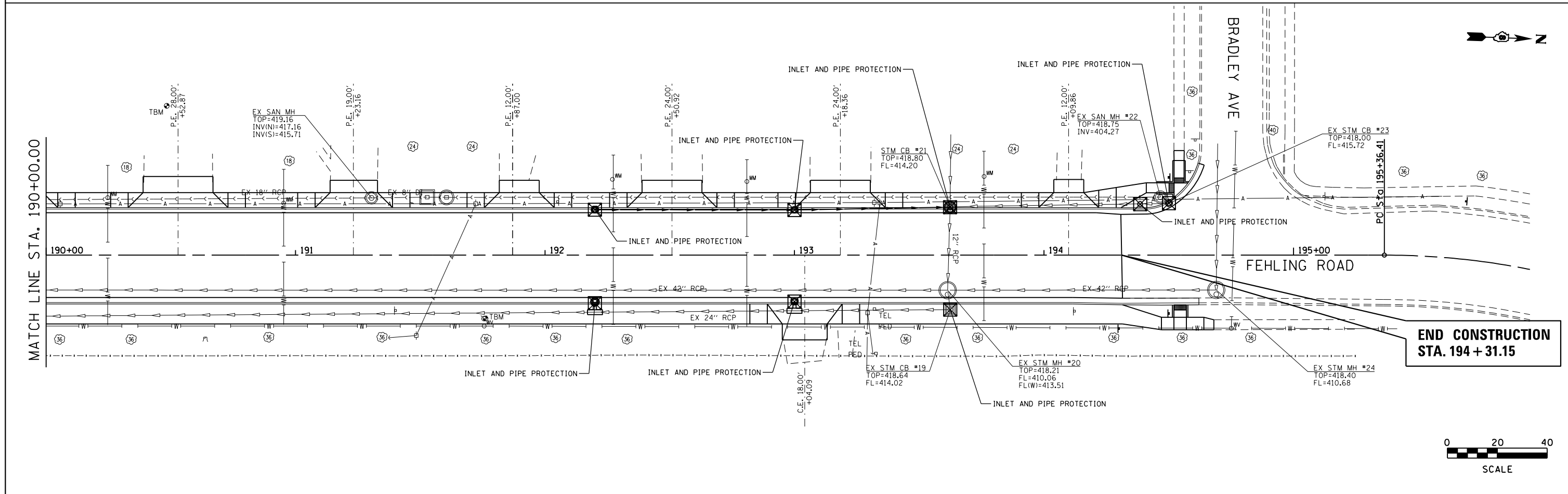
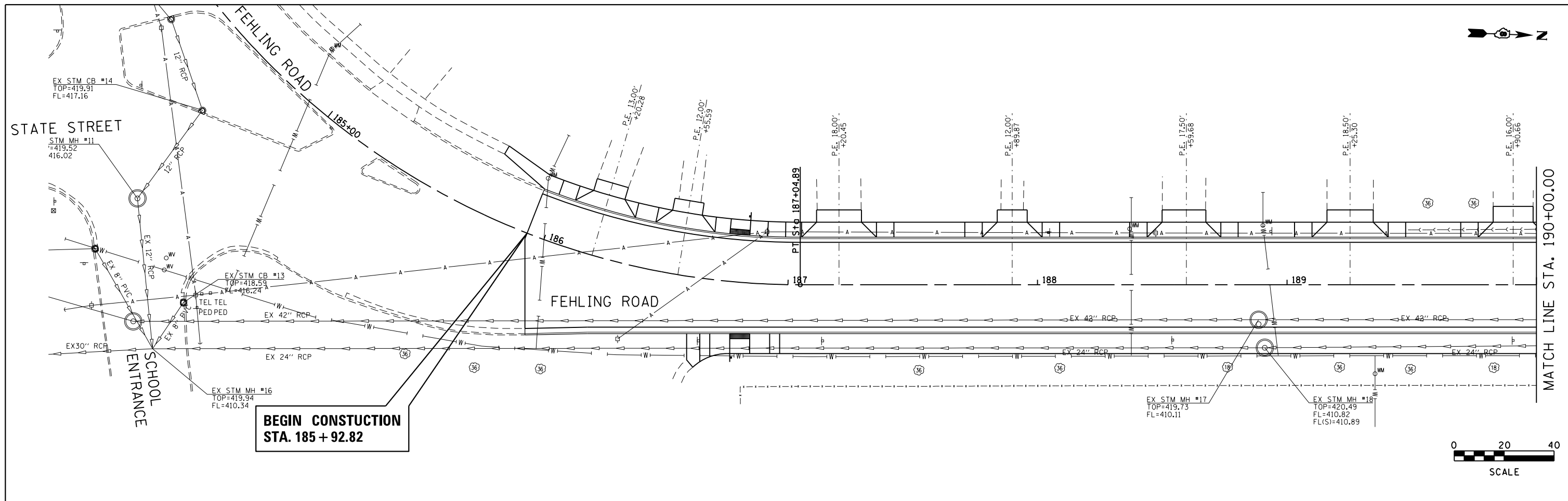


**END CONSTRUCTION
STA. 194 + 31.15**

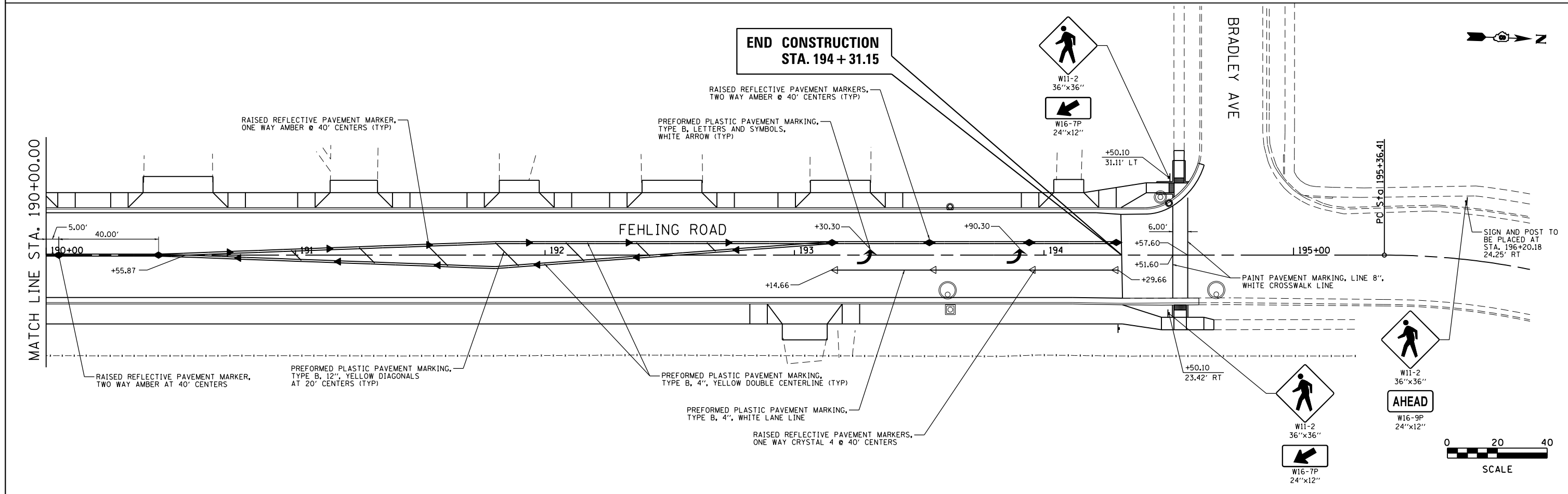
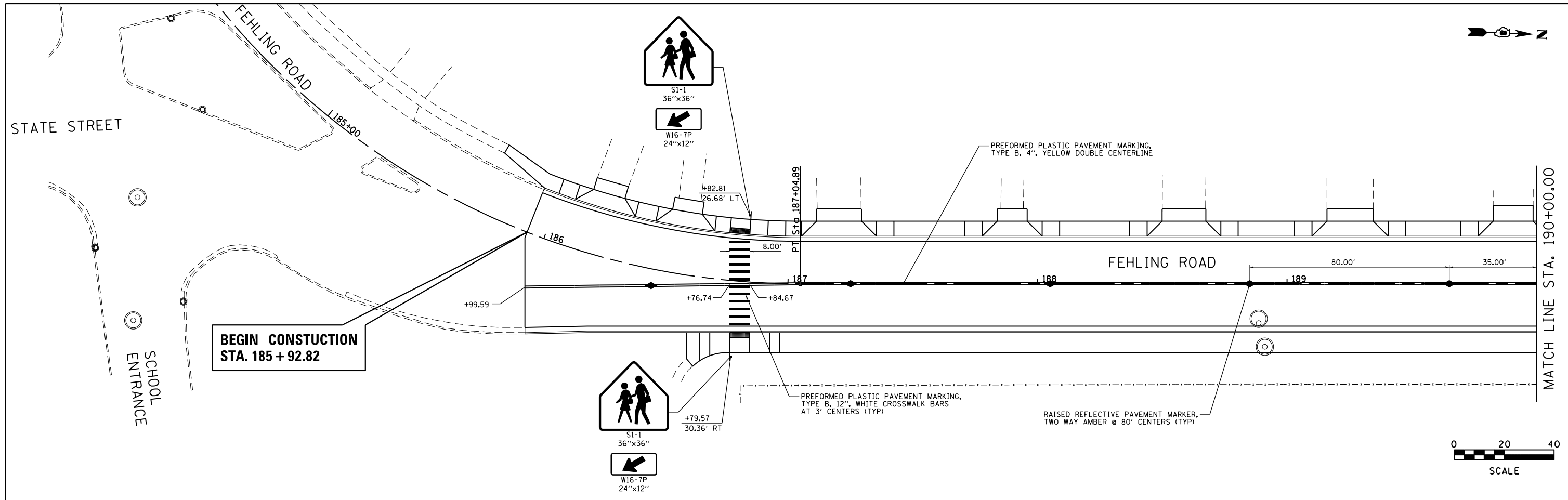


TBM: CUT "L" IN SOUTHEAST CORNER OF VALVE VAULT FOR LIFT STATION IN CURB OF FEHLING ROAD BK. 480, PG. 51 ELEV.=420.22

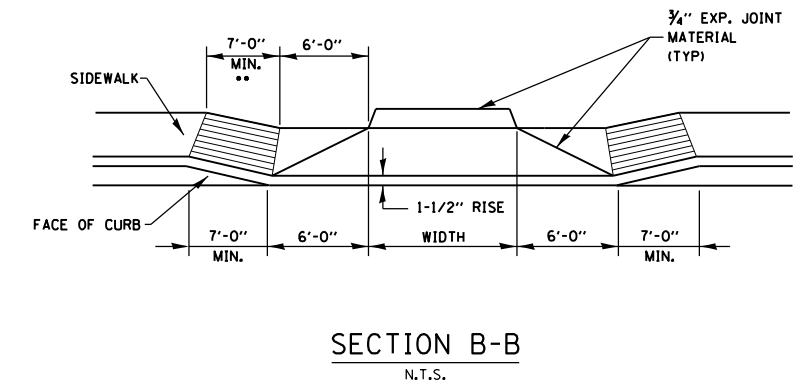
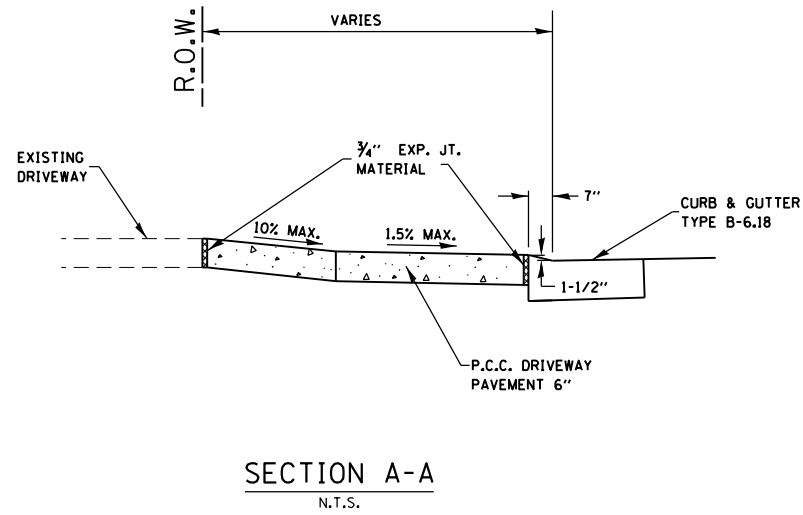
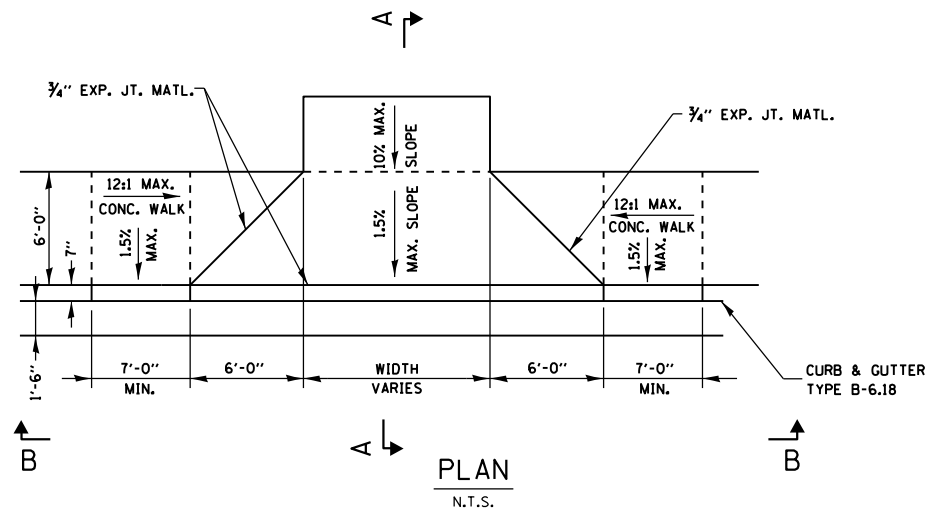
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JUNEAU JOB NO. E150213	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -		SCALE: 1" = 20'	SHEET 1 OF 2 SHEETS	STA. 190+00.00 TO STA. 194+31.15	CONTRACT NO. 97680				
	PLOT DATE = 12/10/2018	DATE = 5/17/18	REVISED -		ILLINOIS FED. AID PROJECT							



FILE NAME = ero 01.dgn	USER NAME = tkruep	DESIGNED - SAS	REVISED -	FEHLING ROAD RECONSTRUCTION PHASE 2 GRANITE CITY, ILLINOIS	EROSION CONTROL PLAN			F.A.U. RTE. 9083	SECTION 16-00150-02-R5	COUNTY MADISON	TOTAL SHEETS 28	SHEET NO. 18
	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -		SCALE: 1"=20'	SHEET 1 OF 1 SHEETS	STA. 185+92.82 TO STA. 194+31.15	CONTRACT NO. 97680				
JUNEAU JOB NO. E150213	PLOT DATE = 8/1/2018	DATE = 4/24/18	REVISED -		ILLINOIS FED. AID PROJECT							

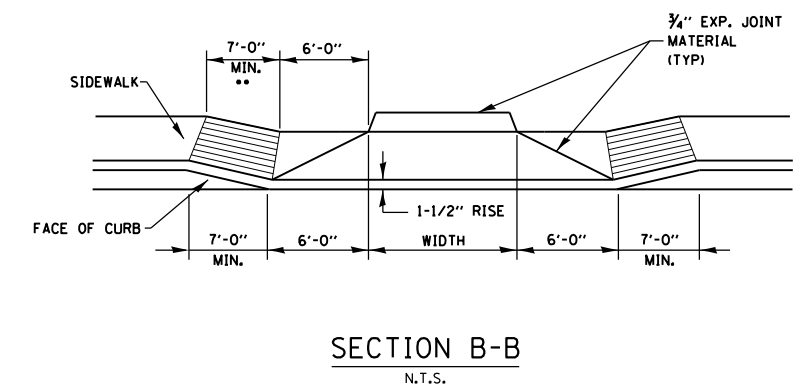
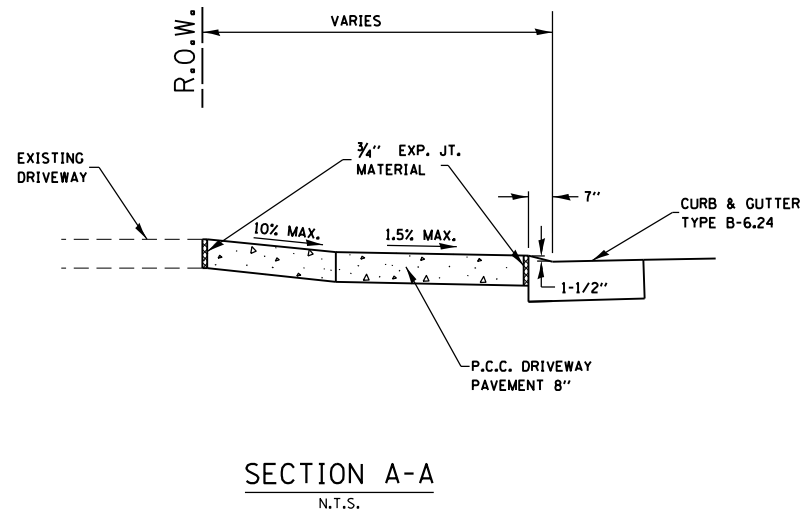
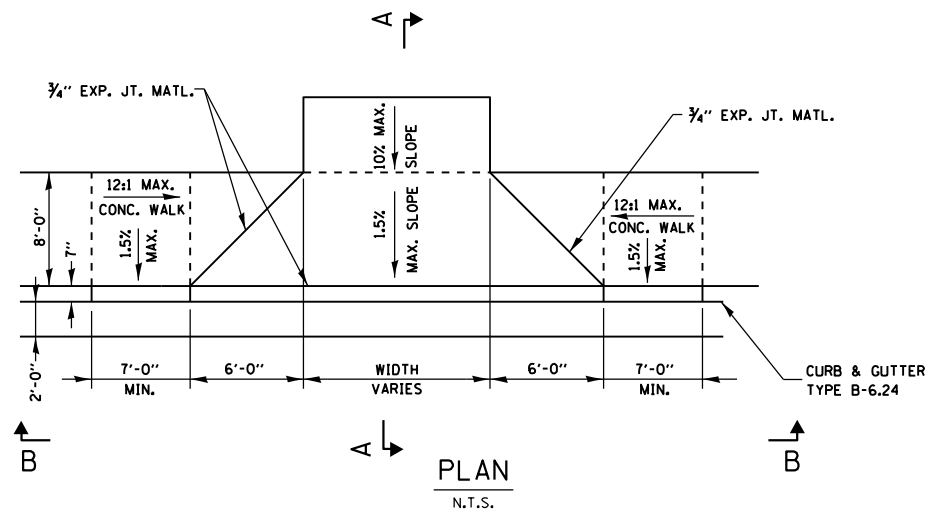


FILE NAME = pmark 01.dgn	USER NAME = tkruep	DESIGNED - BFK	REVISED -	FEHLING ROAD RECONSTRUCTION PHASE 2 GRANITE CITY, ILLINOIS	PAVEMENT MARKINGS			F.A.U. RTE. 9083	SECTION 16-00150-02-R5	COUNTY MADISON	TOTAL SHEETS 28	SHEET NO. 19
JUNEAU JOB NO. E150213	PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -		SCALE: 1"=20'	SHEET 1	OF 1	SHEETS	STA. 185+92.82	TO STA. 194+31.15	CONTRACT NO. 97680	
	PLOT DATE = 8/1/2018	DATE - 12/01/16	REVISED -		ILLINOIS FED. AID PROJECT							



ENTRANCE DETAIL
WITH ADJACENT 6' SIDEWALK
N.T.S.

** SLOPE SIDEWALK AT A 12:1 MAXIMUM TO MATCH DRIVEWAY APRON ELEVATION (TYPICAL BOTH SIDES)



ENTRANCE DETAIL
WITH ADJACENT 8' SIDEWALK
N.T.S.

** SLOPE SIDEWALK AT A 12:1 MAXIMUM TO MATCH DRIVEWAY APRON ELEVATION (TYPICAL BOTH SIDES)

FILE NAME = entrance_details_ph2.dgn
JUNEAU Job No. E150213

USER NAME = tkrupe
PLOT SCALE = 40.0000' / in.
PLOT DATE = 8/1/2018

DESIGNED - SAS
DRAWN - TAK
CHECKED - BFK
DATE - 4/19/18

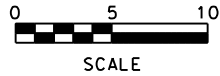
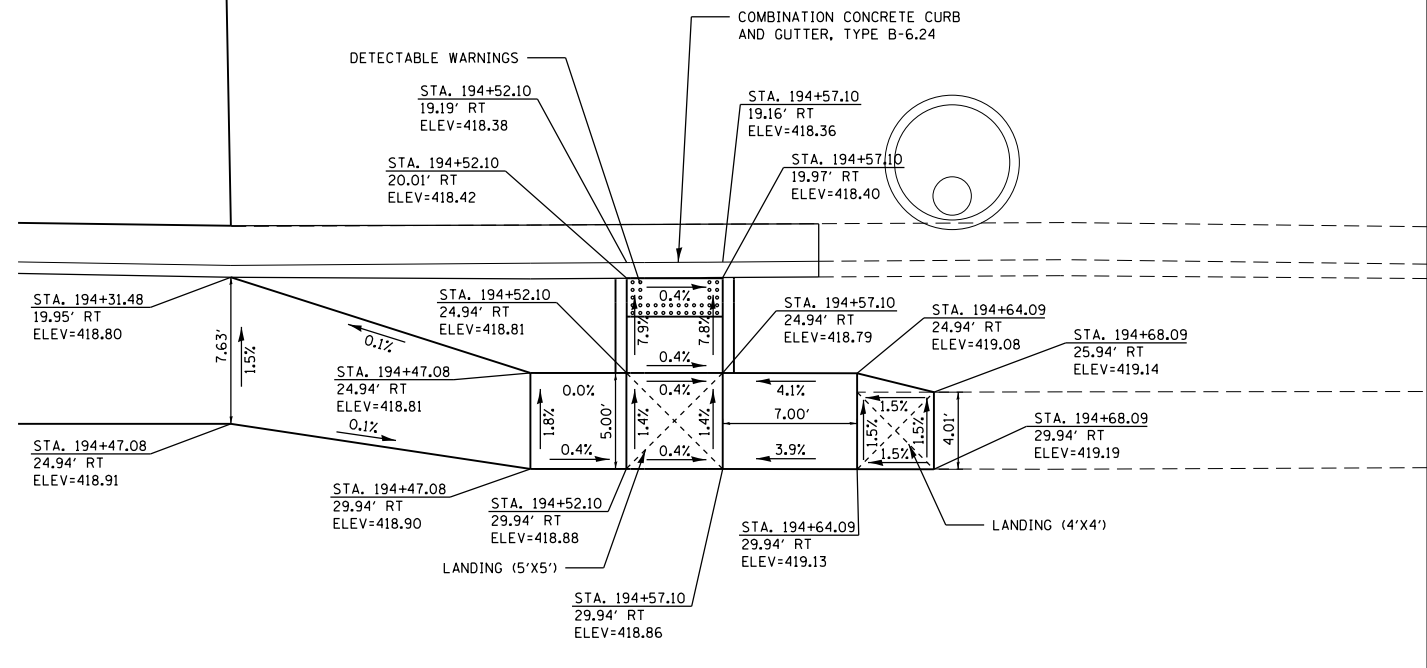
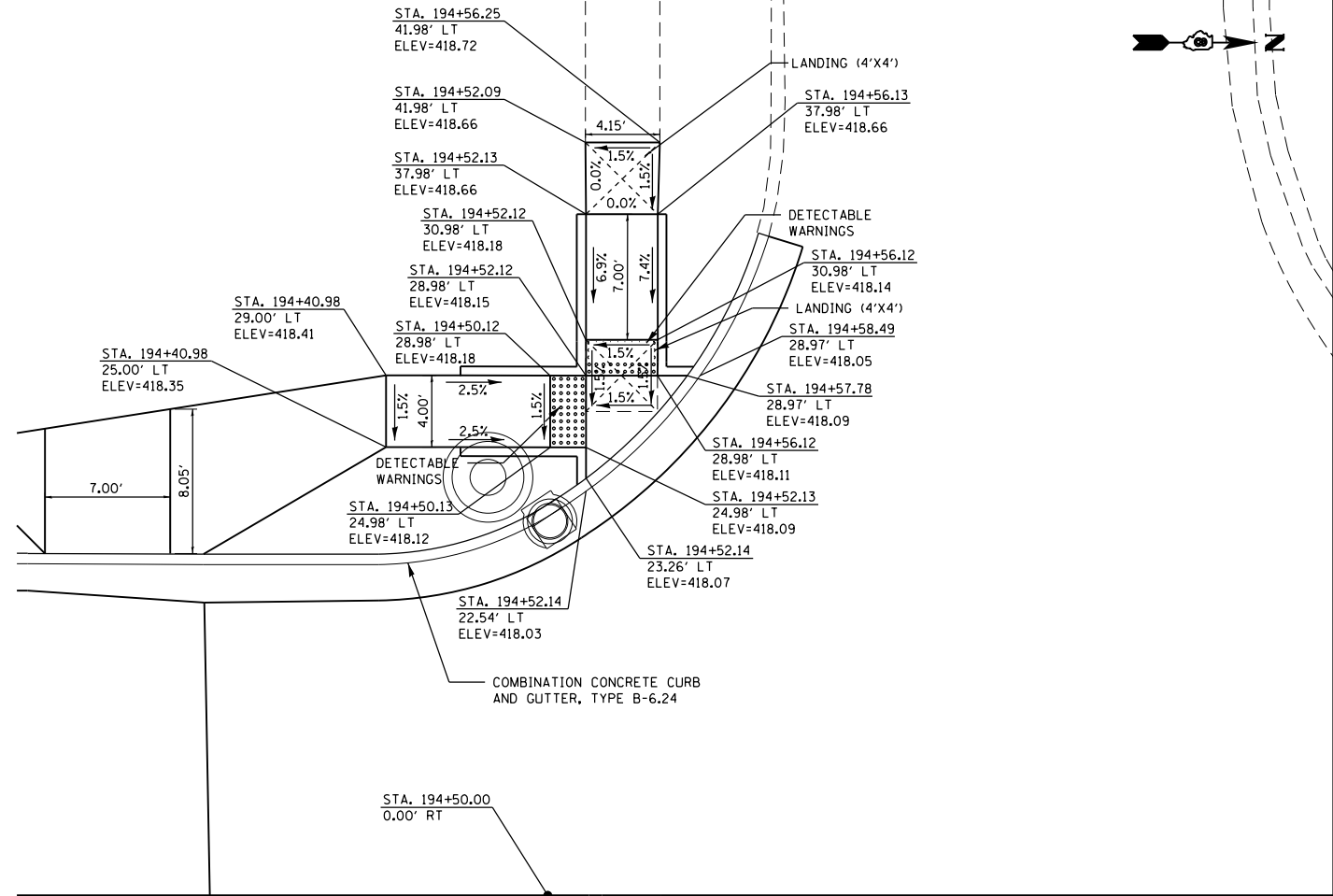
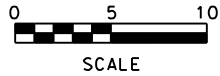
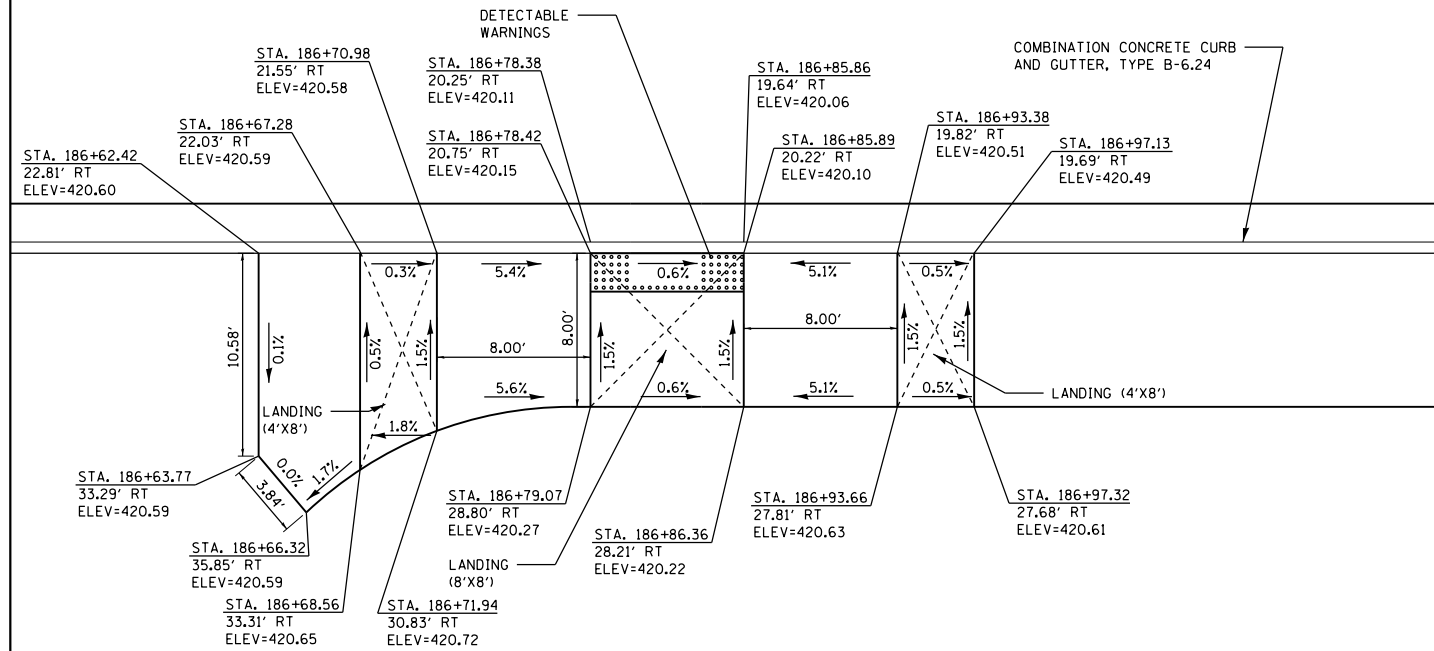
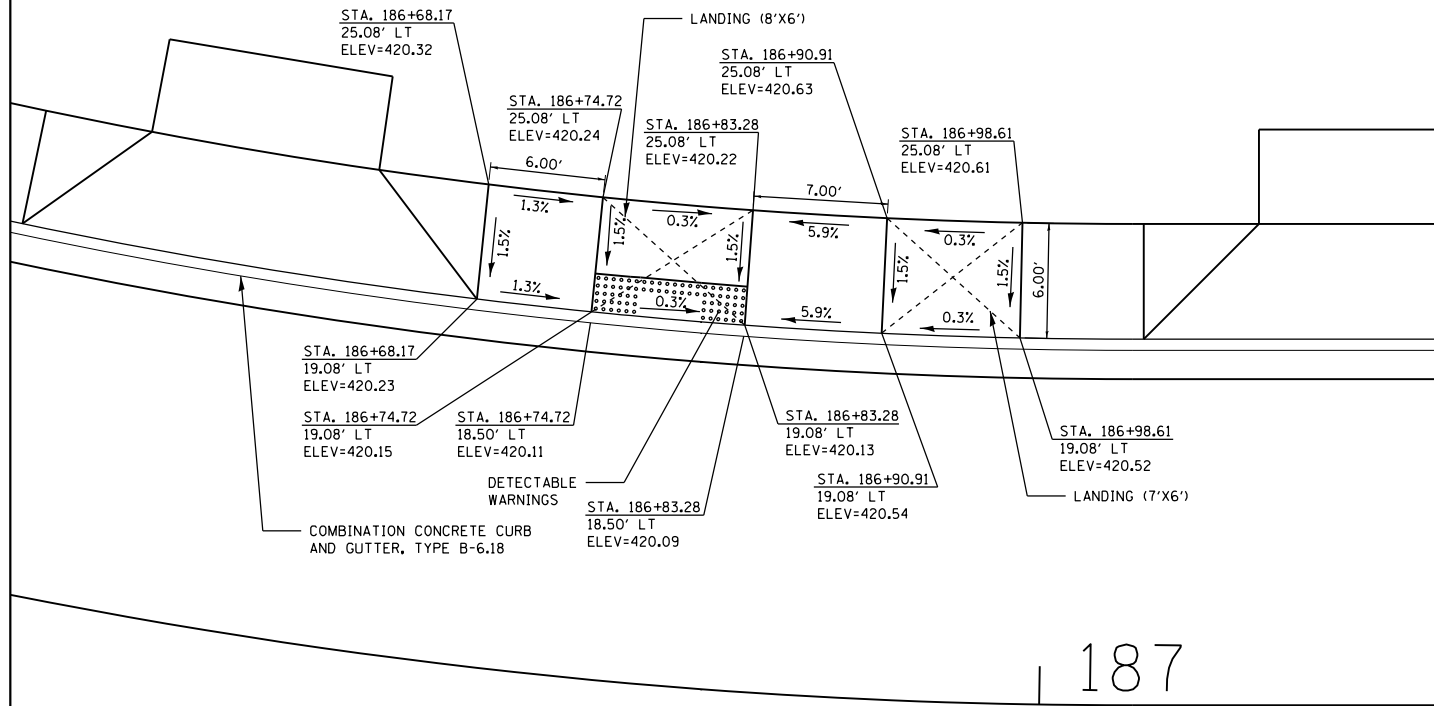
REVISED -
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REVISED -

FEHLING ROAD RECONSTRUCTION
PHASE 2
GRANITE CITY, ILLINOIS

ENTRANCE DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	16-00150-02-R5	MADISON	28	20
CONTRACT NO. 97680				
ILLINOIS FED. AID PROJECT				



FILE NAME = sidewalk_ramp_details.dgn
Default

USER NAME = tkruop
PLOT SCALE = 10.0000' / in.
PLOT DATE = 8/1/2018

DESIGNED - SAS
DRAWN - TAK
CHECKED - BFK
DATE - 4/20/18

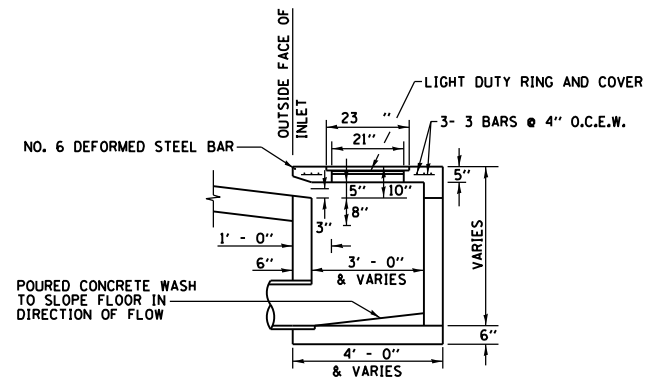
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**FEHLING ROAD RECONSTRUCTION
PHASE 2
GRANITE CITY, ILLINOIS**

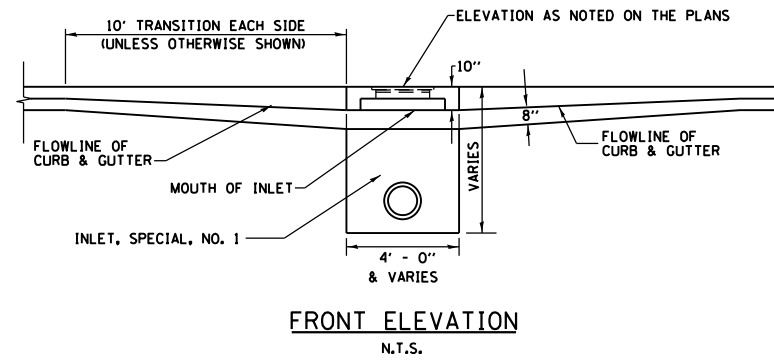
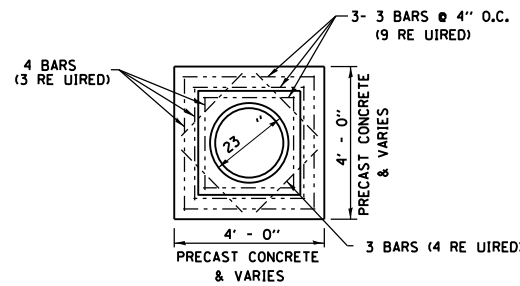
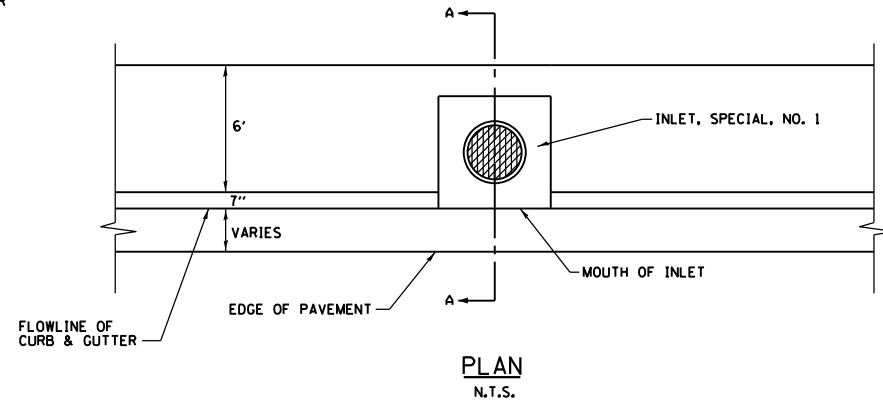
SIDEWALK CURB RAMP DETAILS

SCALE: 1"=5' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	16-00150-02-R5	MADISON	28	21
CONTRACT NO. 97680				
ILLINOIS FED. AID PROJECT				

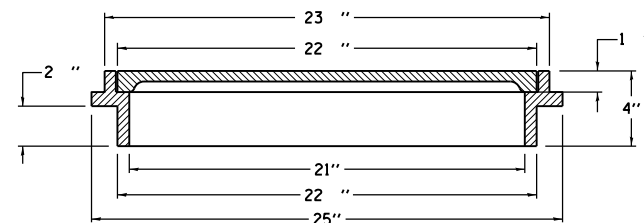


NOTES:
REINFORCING BARS USED IN THE INLET SHALL BE 4 BARS @ 10" O.C. BOTH WAYS.



INLET TYPE	INSIDE WIDTH	LID TYPE
INLETS, SPECIAL, NO. 1	3' X 3'	NORMAL

INLET WALL	
TYPE	THICKNESS
PRECAST CONCRETE	6"
CAST-IN-PLACE CONCRETE	6"

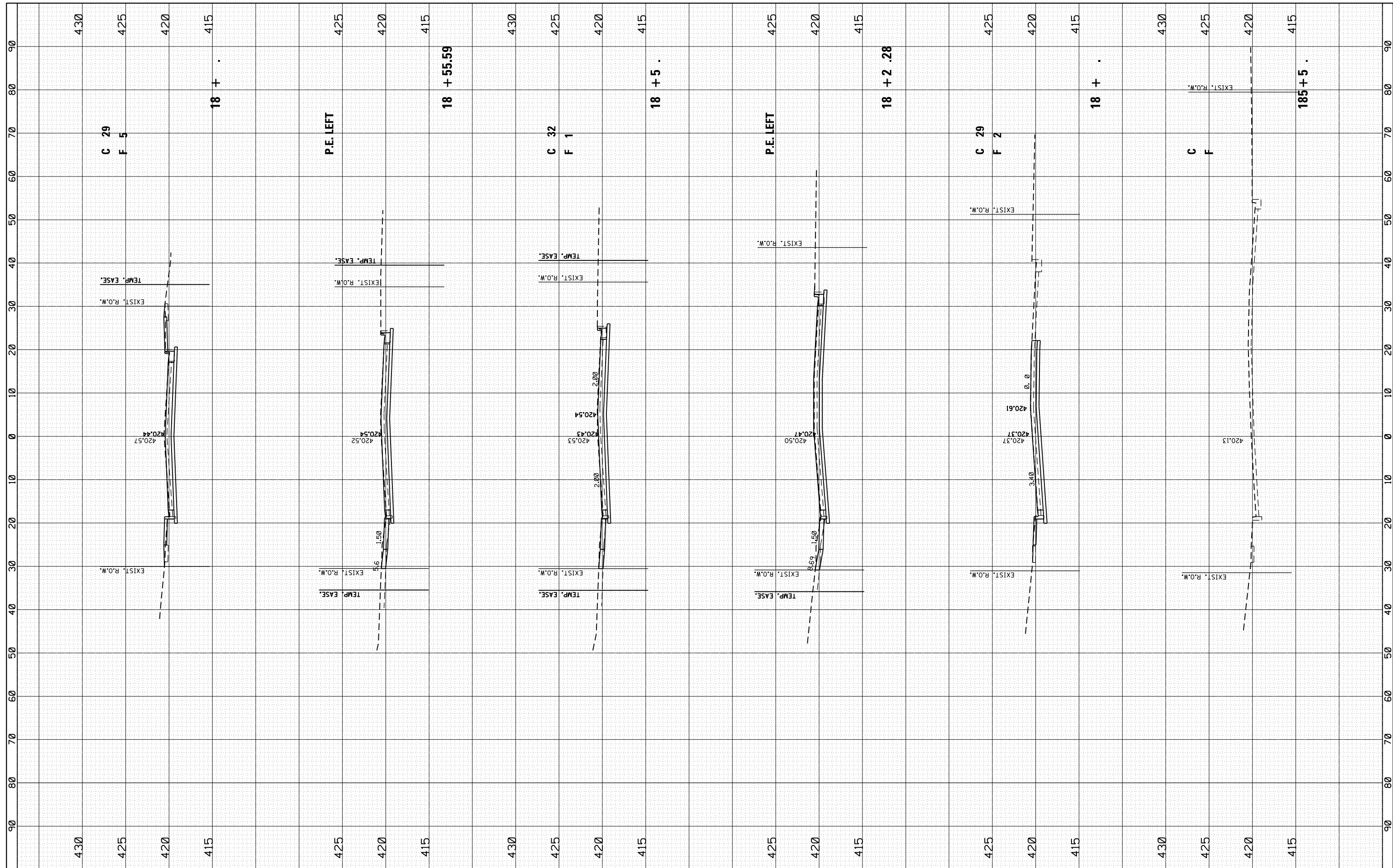


NOTES:
REINFORCING BARS, CLASS "PC" CONCRETE, CAST IRON RING AND COVER, AND ALL MATERIAL AND LABOR SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "INLETS, SPECIAL" COMPLETE AND IN PLACE.
THE TOPS OF ALL INLETS WHICH ARE LOCATED IN CURVES SHALL BE CONSTRUCTED TO CONFORM TO THE RADIUS OF THE CURVE.
THE INLET SHALL BE A CATCH BASIN W/FLAT LID OR SIMILAR BASED ON STRUCTURE SI E.
THE INLET LID AS WELL AS THE RING AND COVER USED SHALL BE ACCORDING TO THE DETAILS AS SHOWN IN THE PLANS.
DETAILS FOR THE INLETS, SPECIAL AS SHOWN ABOVE ARE BASED UPON INSIDE DIMENSIONS OF 3'X3'. ALL OTHER SI ES NOTED IN THE PLANS REFER TO INSIDE DIMENSIONS.

INLETS, SPECIAL, NO. 1
N.T.S.

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

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



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 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 8/1/2018

DESIGNED - SAS
 DRAWN - SAS
 CHECKED - BFK
 DATE - 12/01/16

REVISED -
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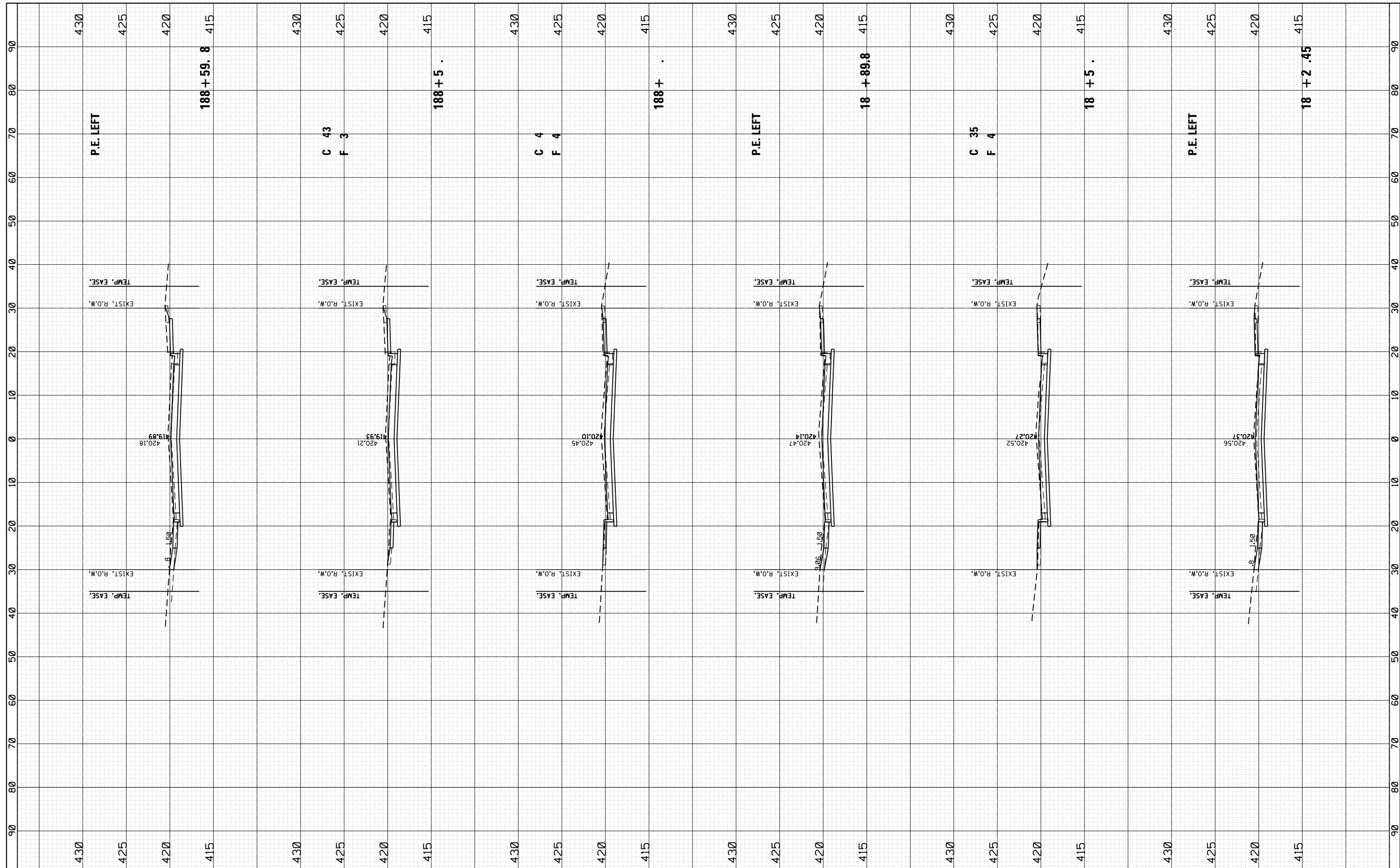
**FEHLING ROAD RECONSTRUCTION
 PHASE 2
 GRANITE CITY, IL**

CROSS SECTIONS
 SCALE: 1"=10'V 5'H SHEET 01 OF 06 SHEETS STA. 185+00.00 TO STA.187+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	16-00150-002-RS	MADISON	28	23
CONTRACT NO. 97680				
ILLINOIS FED. AID PROJECT				

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

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



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USER NAME = tkruop
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 DRAWN - SAS
 CHECKED - BFK
 DATE - 12/01/16

REVISED -
 REVISED -
 REVISED -
 REVISED -

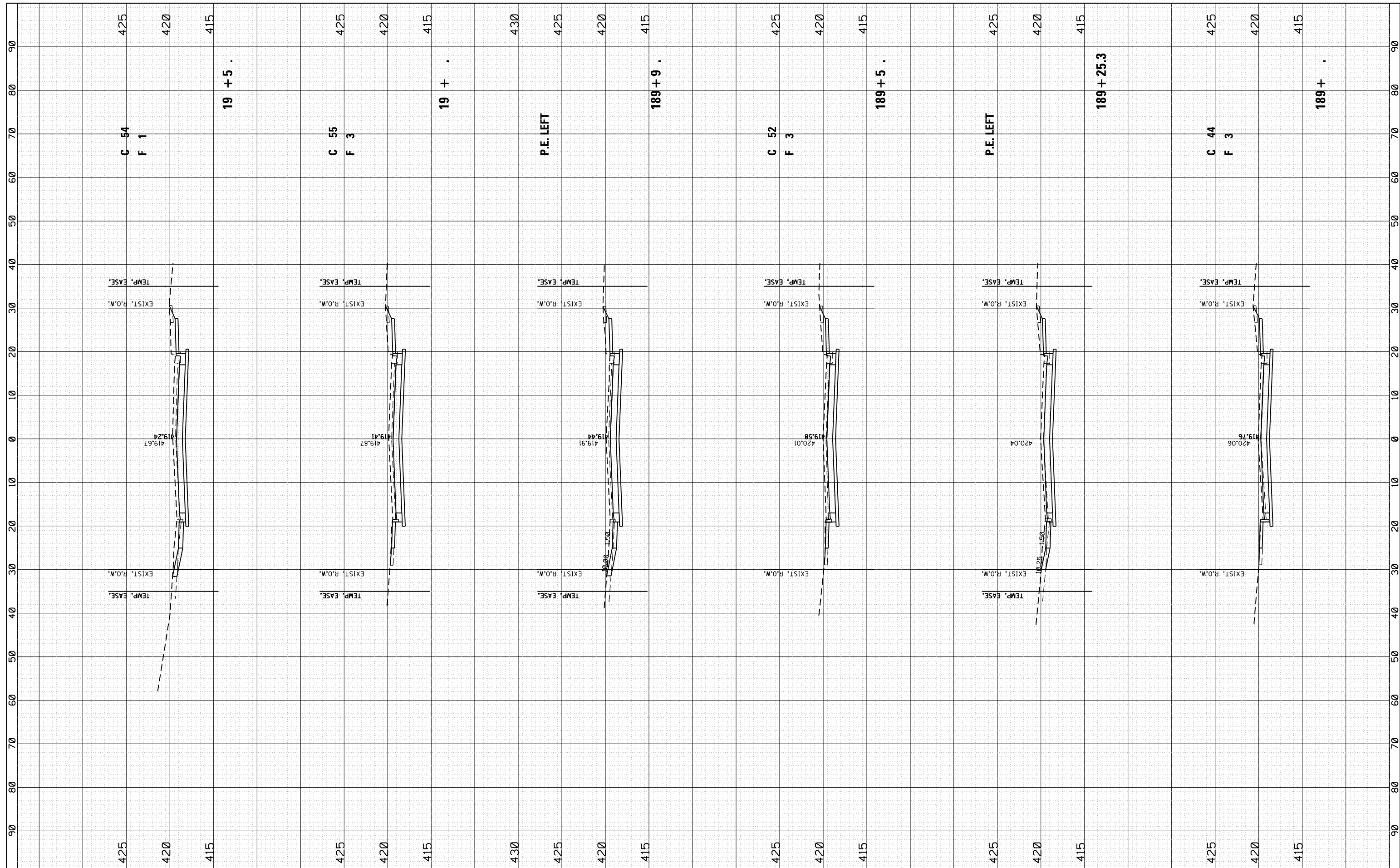
**FEHLING ROAD RECONSTRUCTION
 PHASE 2
 GRANITE CITY, IL**

CROSS SECTIONS
 SCALE: 1"=10'H 5'V SHEET 02 OF 06 SHEETS STA. 187+20.45 TO STA. 188+59.68

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	16-00150-02-R5	MADISON	28	24
CONTRACT NO. 97680				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = P:\renite 2015 E150213 Fehling Road Phase 2 Plans\plot fehling south.dgn
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USER NAME = tkruop
 DESIGNED - SAS
 DRAWN - SAS
 CHECKED - BFK
 DATE - 12/01/16

REVISED -
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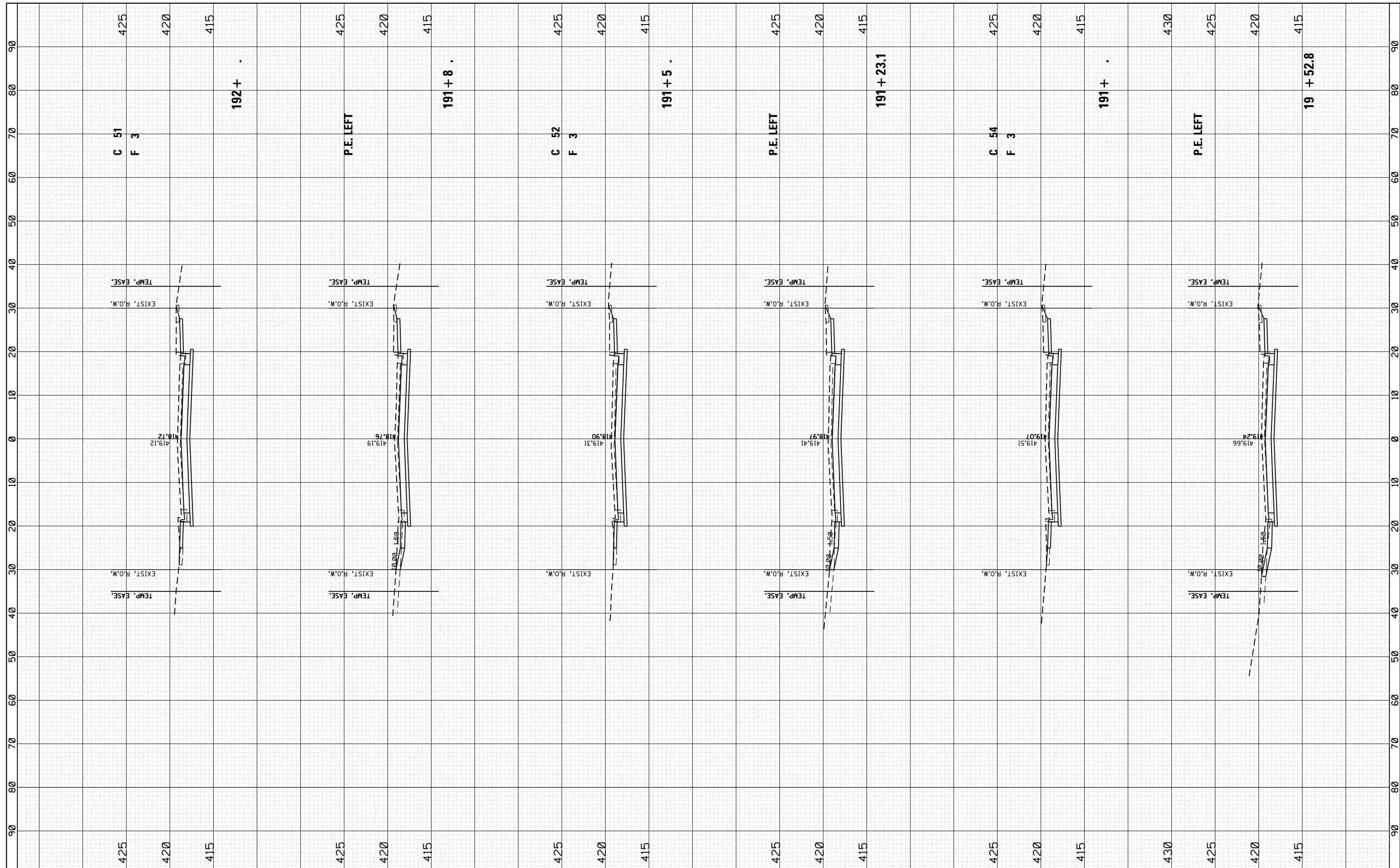
**FEHLING ROAD RECONSTRUCTION
 PHASE 2
 GRANITE CITY, IL**

CROSS SECTIONS
 SCALE: 1"=10'H 5'V SHEET 03 OF 06 SHEETS STA. 189+00.00 TO STA. 190+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	16-00150-02-R5	MADISON	28	25
CONTRACT NO. 97680				
ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = P:\arite 2015 E150213 Fehling Road Phase 2 Plans\plot fehling south.dgn
 USER NAME = tkruop
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 8/1/2018

DESIGNED - SAS
 DRAWN - SAS
 CHECKED - BFK
 DATE - 12/01/16

REVISED -
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**FEHLING ROAD RECONSTRUCTION
 PHASE 2
 GRANITE CITY, IL**

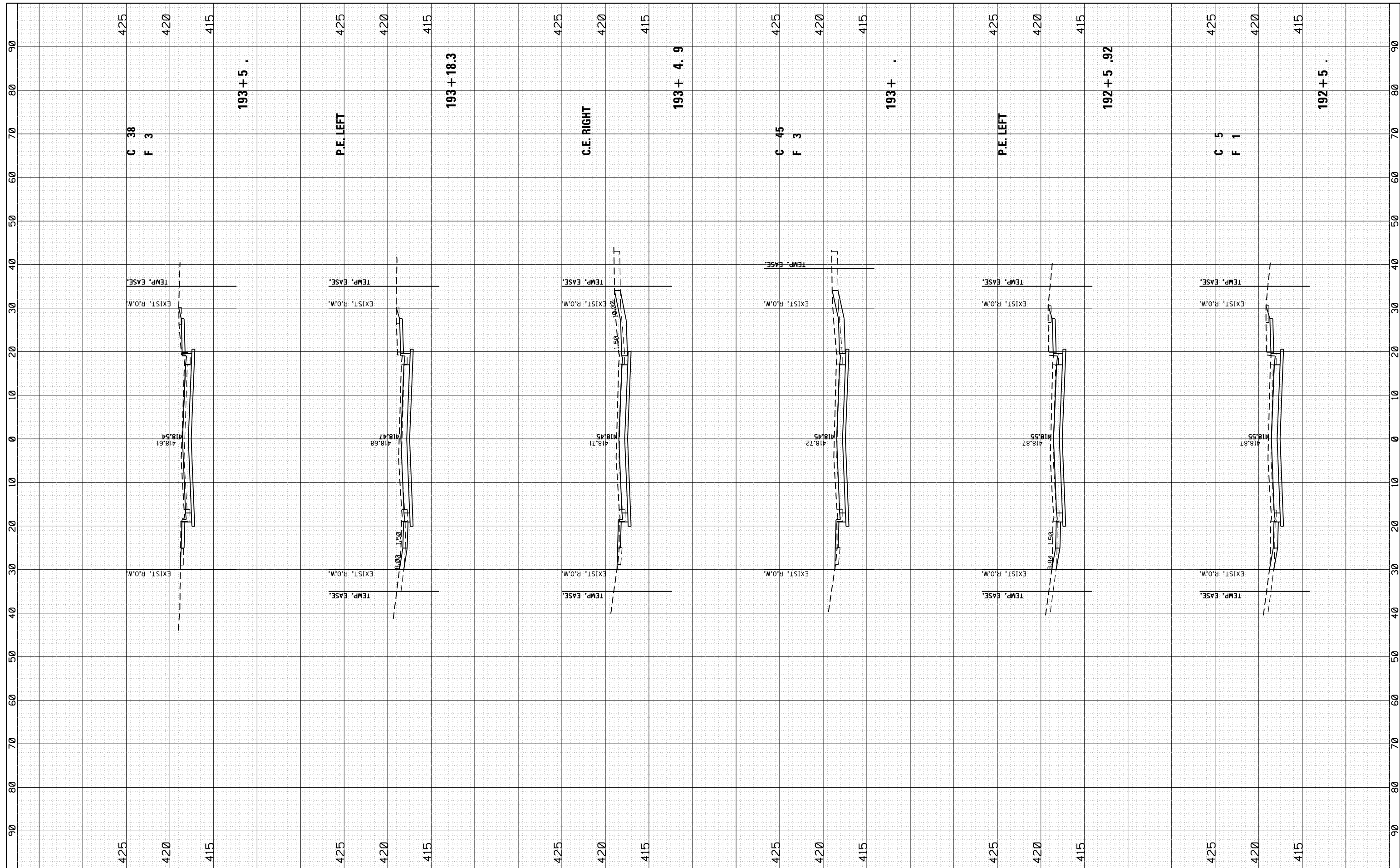
CROSS SECTIONS

SCALE: 1"=10'H 5'V SHEET 04 OF 06 SHEETS STA. 190+52.87 TO STA. 192+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	16-00150-02-R5	MADISON	28	26
CONTRACT NO. 97680				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME = P:\ Granite 2015 E150213 Fehling Road Phase 2 Plans\ spot fehling south.dgn
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USER NAME = tkruop
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 8/1/2018

DESIGNED - SAS
 DRAWN - SAS
 CHECKED - BFK
 DATE - 12/01/16

REVISED -
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**FEHLING ROAD RECONSTRUCTION
 PHASE 2
 GRANITE CITY, IL**

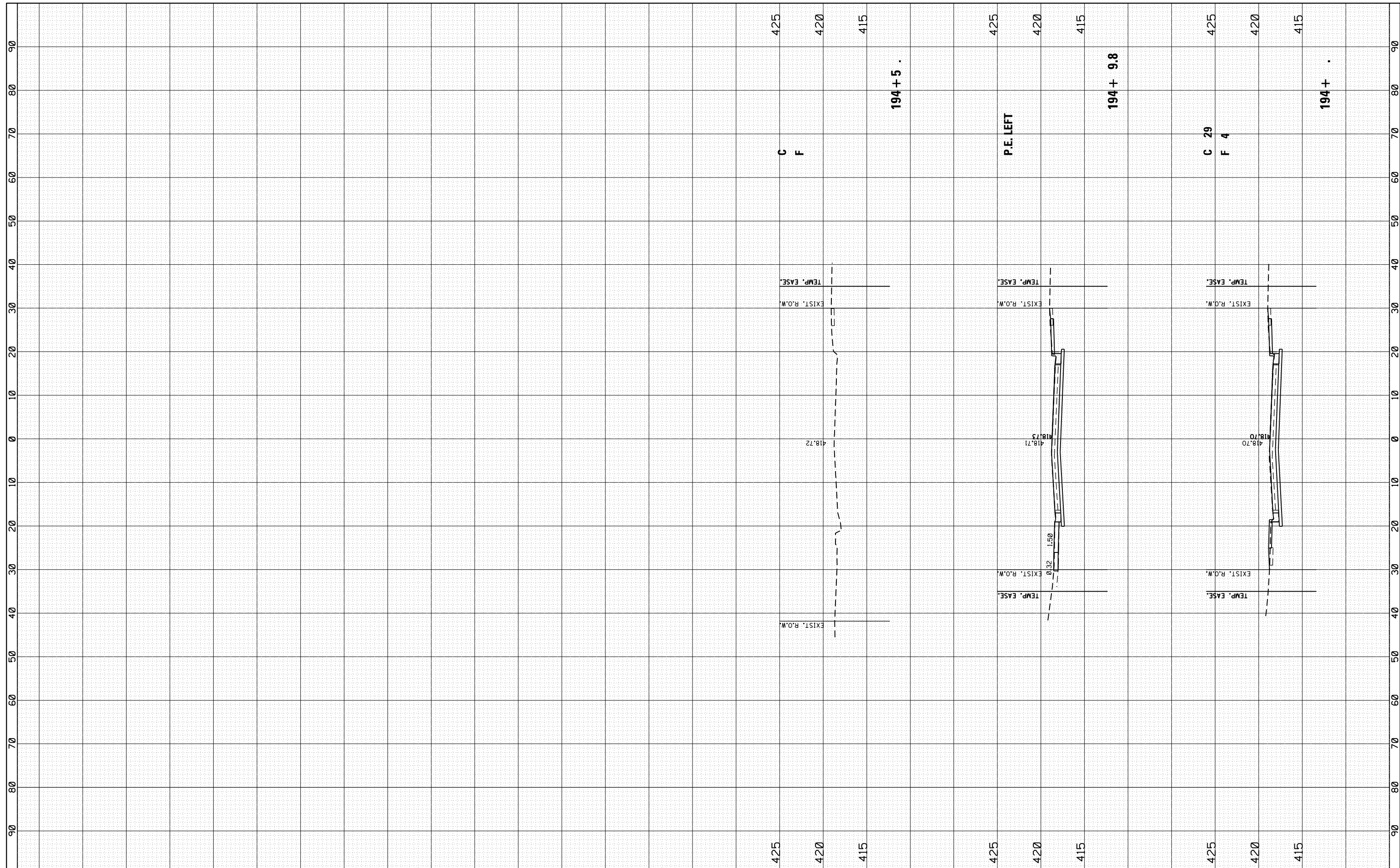
CROSS SECTIONS

SCALE: 1"=10'H 5'V SHEET 05 OF 06 SHEETS STA. 192+50.00 TO STA.193+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	16-00150-02-R5	MADISON	28	27
CONTRACT NO. 97680				
ILLINOIS FED. AID PROJECT				

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

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



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 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 8/1/2018

DESIGNED - SAS
 DRAWN - SAS
 CHECKED - BFK
 DATE - 12/01/16

REVISED -
 REVISED -
 REVISED -
 REVISED -

**FEHLING ROAD RECONSTRUCTION
 PHASE 2
 GRANITE CITY, IL**

CROSS SECTIONS

SCALE: 1"=10'H 5'V SHEET 06 OF 06 SHEETS STA. 194+00.00 TO STA. 194+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	16-00150-02-R5	MADISON	28	28
CONTRACT NO. 97680				
ILLINOIS FED. AID PROJECT				