

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-RS	MADISON	47	1
		ILLINOIS	CONTRACT NO. 97745	

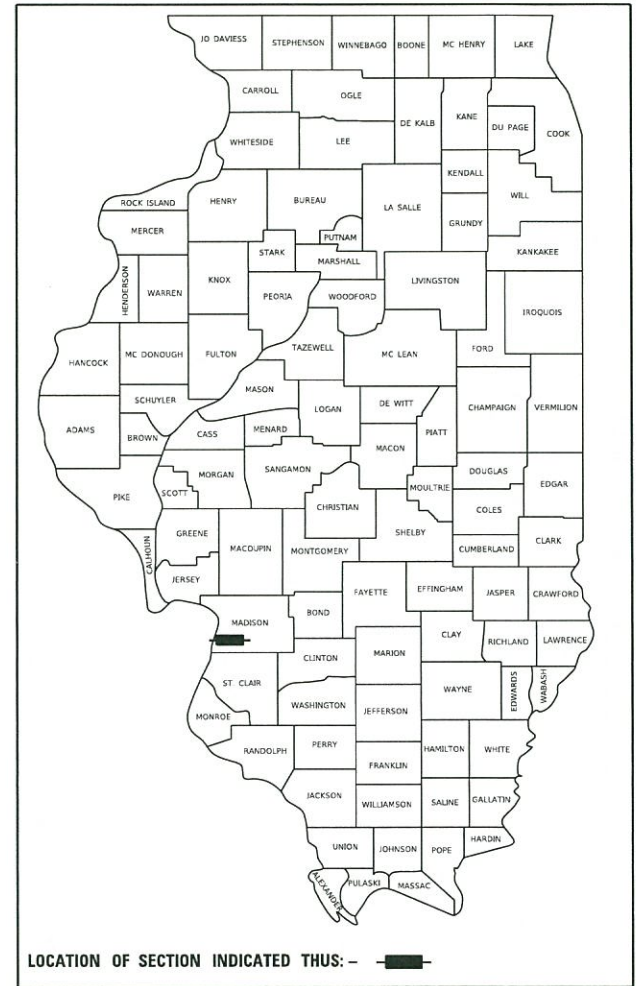
INDEX OF SHEETS

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JOHNSON ROAD IMPROVEMENTS PHASE 1 GRANITE CITY, ILLINOIS

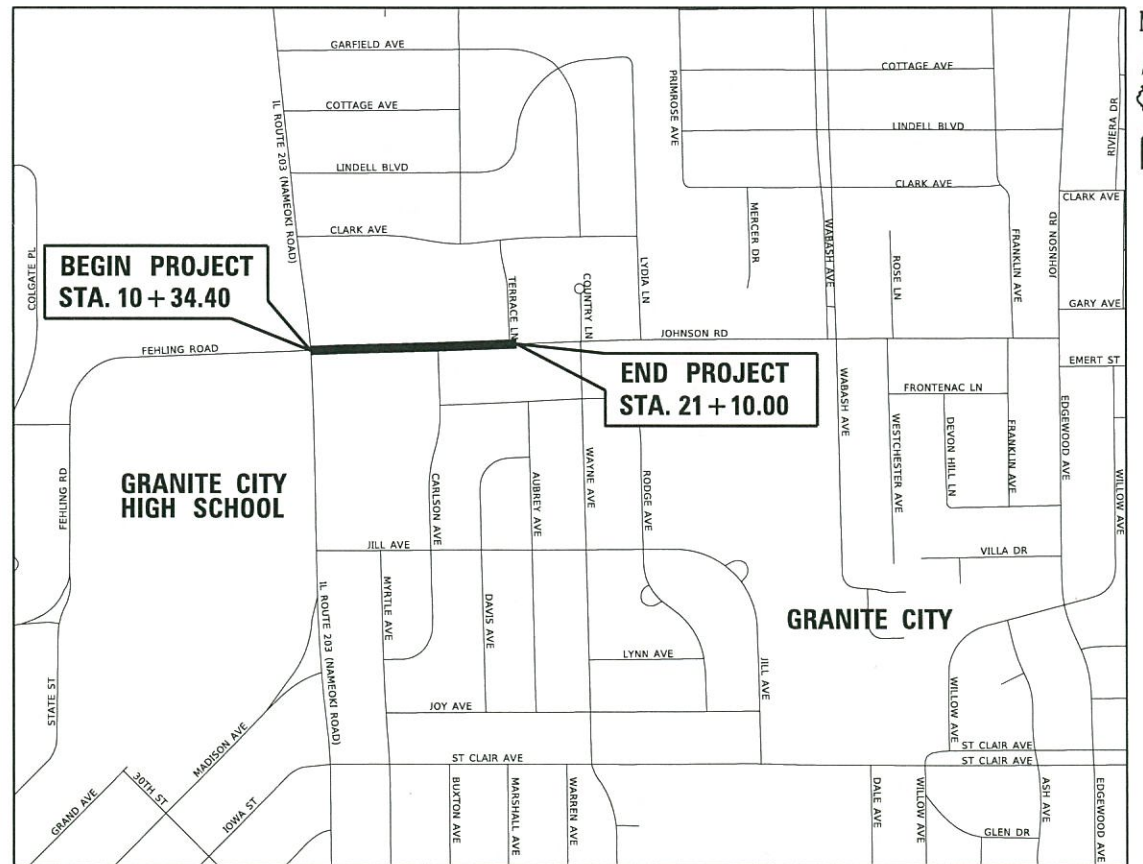
F.A.U. ROUTE 9083 (JOHNSON ROAD)
SECTION 17-00197-00-RS
PROJECT AJGZ(633)
STU FUNDS
MADISON COUNTY

Job No. C-98-006-21



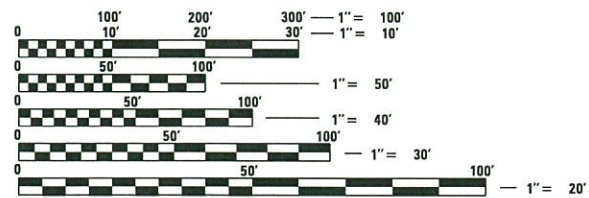
STANDARDS

STD. NO.	
000001-07	604001-05
001006	604071-05
280001-07	604091-03
420001-09	606001-07
420101-06	701301-04
420111-04	701311-03
424001-11	701502-09
424011-04	701701-10
424026-03	701801-06
442101-09	701901-08
602301-04	780001-05
602306-03	781001-04
602402-02	886001-01
602601-06	886006-01
602701-02	



LOCATION MAP

SCALE: 1" = 500'
GROSS LENGTH OF PROJECT: 1075.60 LIN. FT = 0.204 MILES
NET LENGTH OF PROJECT: 1075.60 LIN. FT = 0.204 MILES
SECTION 8, T. 3 N., R. 9 W., 3RD P.M.



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 EXCAVATORS
1-800-892-0123
OR 811

DESIGN DESIGNATION: CONNECTOR ROAD
FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
ADT: 10200 (2020) 13740 (2040)
DHW: 1374 (2040)
DESIGN SPEED: 30 MPH

CONTRACT NO. 97745



B. F. Kulick 5/17/2020
BRIAN F. KULICK, P.E. No. 49936 DATE
Job No. E170244


































CITY OF GRANITE CITY	
Approved	<i>Ed Wagner</i> 5/20/2020 City of Granite City, Mayor
Passed	<i>Tom A. Schuler</i> May 29, 2020 District 8 Engineer of Local Roads & Streets
Releasing for Bid Based on Limited Review	<i>Keith Roberts</i> May 29, 2020 Region 5 Engineer

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OF THE STATE OF ILLINOIS



2100 State Street, P.O. Box 1325 Granite City, IL 62040 618-877-1400 F. 618-452-5541
100 North Research Drive Edwardsville, IL 62025 618-659-0900 F. 618-659-0941
330 N. Fourth Street, Suite 200 St. Louis, MO 63102 314-241-4444 F. 314-909-1331
Professional Design Firm License No. 164.003389

LEGEND

	EVERGREEN (8" DIA)		BENCH MARK	(TBR&R)	TO BE REMOVED & RELOCATED		CABLE TV LINE
	DECIDUOUS (6" DIA)		DITCH/SWALE	(TBR&RBO)	TO BE REMOVED & RELOCATED BY OTHERS		STORM SEWER
	STUMP		EXISTING MAILBOX				
	BUSH		FOUND CONCRETE MONUMENT	DND	DO NOT DISTURB		SANITARY SEWER
	FIRE HYDRANT		WATER METER		PROPERTY LINE		LIGHT POLE
	SIGN		GAS METER		EXISTING R.O.W. LINE		STORM SEWER MANHOLE
	BOLLARD		WATER VALVE		WATER LINE		SANITARY SEWER MANHOLE
	POWER POLE WITH DOWN GUY		GAS VALVE		GAS LINE		CATCH BASIN
	POWER POLE	(TBA)	TO BE ADJUSTED		OVERHEAD ELECTRIC LINE		INLET
	FENCE	(TBR)	TO BE REMOVED		TELEPHONE LINE		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 * SANITARY SEWER
2000 EDISON AVENUE
GRANITE CITY, ILLINOIS 62040
(618) 452-6222

AMEREN IP * Gas
2600 NORTH CENTER STREET
P.O. BOX 378, MC Q-10
MARYVILLE, ILLINOIS 62062
(618) 346-1270

AMEREN IP * Electric
2600 NORTH CENTER STREET
CM ENGR SPT A - D5
MARYVILLE, ILLINOIS 62062
(618) 346-1224

AT&T * Telephone / Fiber Optic
160 W DIVISION STREET
MARYVILLE, ILLINOIS 62062
(618) 346-6426

CHARTER COMMUNICATIONS * Cable Television / Fiber Optic
941 CHARTER COMMONS DRIVE
TOWN AND COUNTRY, MISSOURI 63017
(314) 386-1649

ILLINOIS AMERICAN WATER COMPANY * Water
2000 WEST 24TH STREET
GRANITE CITY, IL 62040
(618) 876-0011

EXTENET SYSTEMS, INC. * FIBER OPTIC
3030 WARRENVILLE ROAD
LISLE, IL 60532
(630) 505-3800

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

FOR UTILITY LOCATION PURPOSES, THIS PROJECT IS LOCATED IN SECTION 8 OF TOWNSHIP 3 NORTH, RANGE 9 WEST OF THE THIRD PRINCIPAL MERIDIAN.

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.

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

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

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

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

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 AND COMMERCIAL PROPERTIES, SIDE ROADS AND SIDEWALK THROUGH CONSTRUCTION OPERATIONS DURING THIS CONTRACT.

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

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

IT SHALL BE THE HOME OWNERS RESPONSIBILITY TO REMOVE, REROUTE AND REDESIGN DOWNSPOUT DRAINAGE SYSTEMS WITHIN THEIR PROPERTY. THE CONTRACTOR SHALL REMOVE DOWNSPOUT DRAINAGE PIPES TO THE RIGHT-OF-WAY LINE. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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.

ALL PATCHING SHALL BE COMPLETED AFTER MILLING OPERATIONS AND PRIOR TO ANY ASPHALT PAVING.

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

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" - SQ FT.

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

NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE
GRANULAR MATERIALS	2.05 TON/C.Y.
HOT-MIX ASPHALT	112 LBS/S.Y./INCH
BITUMINOUS MATERIALS (TACK COAT)	0.05 LBS/S.F. (MILLED SURFACE) 0.025 LBS/S.F. (HMA LIFTS)

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

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE FIRE DEPARTMENT, POLICE DEPARTMENT, POST OFFICE AND SCHOOL 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)
GRANITE CITY POST OFFICE	(618) 877-0700
NAMEOKI POST OFFICE	(618) 877-0450
FROHARDT ELEMENTARY SCHOOL	(618) 451-5821

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

JOHNSON ROAD			
MIXTURE USE	SURFACE	BINDER	INCIDENTAL
AC/PG	PG 70-22	PG 64-22	PG 70-22
RAP % (MAX)	*	*	*
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION	IL-9.5	IL-9.5FG	IL-9.5
FRICITION AGG	MIXTURE C		MIXTURE C

* SEE SPECIAL PROVISION
NOTE: SURFACE COURSE SHALL BE CONSTRUCTED IN 2 LIFTS OF 1 1/4" THICKNESS

MODEL: D:\info\... FILE: MAME.PIC\Cantra\2017\1E170244 Johnson Road Resurfacing\general notes Johnson.dgn

JUNEAU Job No. E170244	USER NAME = scott	DESIGNED - BFK	REVISED -	JOHNSON ROAD IMPROVEMENTS PHASE 1 GRANITE CITY, ILLINOIS	GENERAL NOTES AND LEGEND			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	DRAWN - JJB	REVISED -					9083	17-00197-00-RS	MADISON	47	2
	PLOT DATE = 5/27/2020	CHECKED - BFK	REVISED -		SCALE: NTS	SHEET 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 97745			
		DATE - 5/15/20	REVISED -						ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	40
20400800	FURNISHED EXCAVATION	CU YD	10
20800150	TRENCH BACKFILL	CU YD	13
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	0.5
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	25
28000500	INLET AND PIPE PROTECTION	EACH	14
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	115
31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	293
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	3821
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	38
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	294
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	594
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	85
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	18
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	231
42001300	PROTECTIVE COAT	SQ YD	1594
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	83
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	174
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	3998
42400800	DETECTABLE WARNINGS	SQ FT	70
44000100	PAVEMENT REMOVAL	SQ YD	216
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	4629

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	308
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1859
44000600	SIDEWALK REMOVAL	SQ FT	2710
44200934	CLASS B PATCHES, TYPE II, 8 INCH	SQ YD	59
44200982	CLASS B PATCHES, TYPE II, 11 INCH	SQ YD	12
44201298	DOWEL BARS 1 1/4"	EACH	132
44213200	SAW CUTS	FOOT	392
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	2420
54248510	CONCRETE COLLAR	CU YD	1
550A0040	STORM SEWERS, CLASS A, TYPE 1 10"	FOOT	7
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	15
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	58
55100500	STORM SEWER REMOVAL 12"	FOOT	8
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1
60237420	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	EACH	1
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	4
60240324	INLETS, TYPE B, TYPE 20 FRAME AND GRATE	EACH	1
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	5
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	12
60500040	REMOVING MANHOLES	EACH	1
60500060	REMOVING INLETS	EACH	2
60600605	CONCRETE CURB, TYPE B	FOOT	83
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1906
67100100	MOBILIZATION	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	672
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	64

△ SPECIALTY ITEMS

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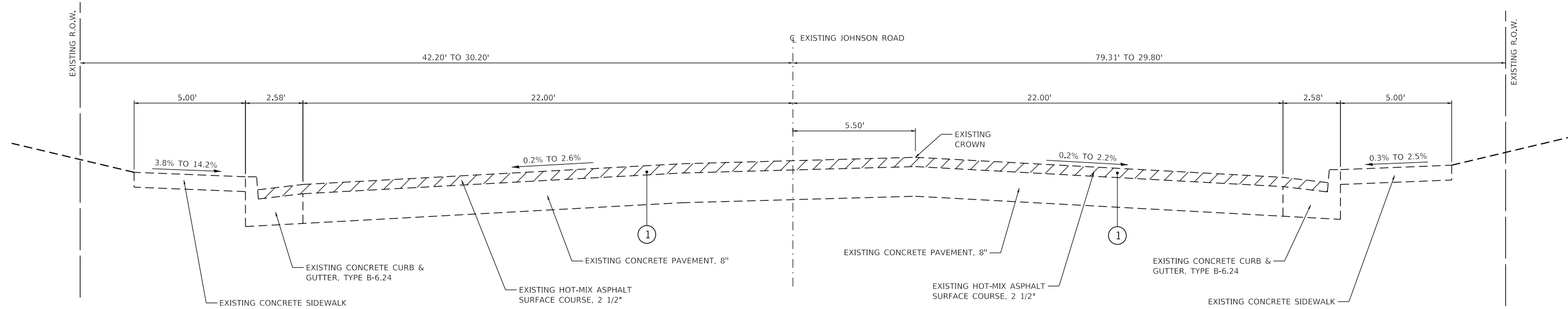
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	DRAWN - JJB	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 5/27/2020	DATE - 5/15/20	REVISED -

JOHNSON ROAD IMPROVEMENTS
PHASE 1
GRANITE CITY, ILLINOIS

SUMMARY OF QUANTITIES

SCALE: NTS SHEET 1 OF 2 SHEETS STA. TO STA.





F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-RS	MADISON	47	3
CONTRACT NO. 97745				
ILLINOIS FED. AID PROJECT				

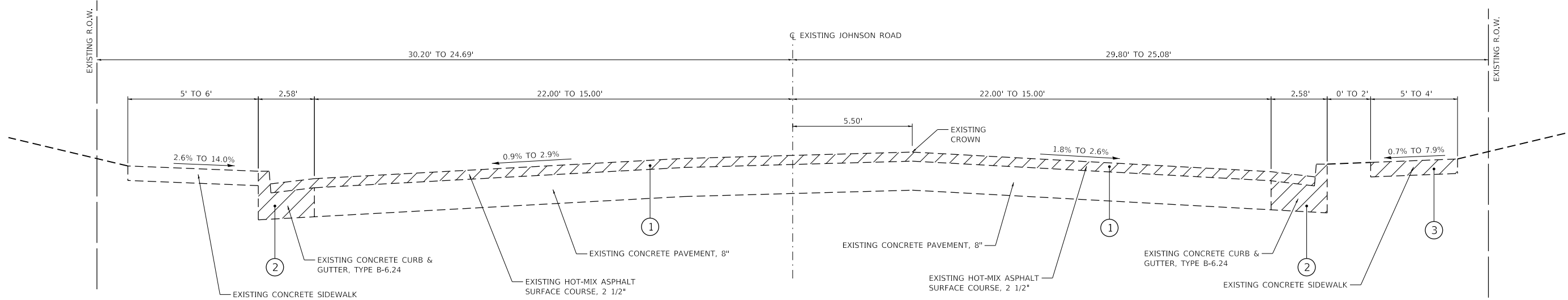


JOHNSON ROAD EXISTING TYPICAL SECTION

STA. 10+34.40 TO STA. 11+28.03
(NOT TO SCALE)

REMOVAL LEGEND

-  REMOVAL
-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
-  COMBINATION CURB AND GUTTER REMOVAL
-  SIDEWALK REMOVAL



JOHNSON ROAD EXISTING TYPICAL SECTION

STA. 11+28.03 TO STA. 12+82.64
(NOT TO SCALE)

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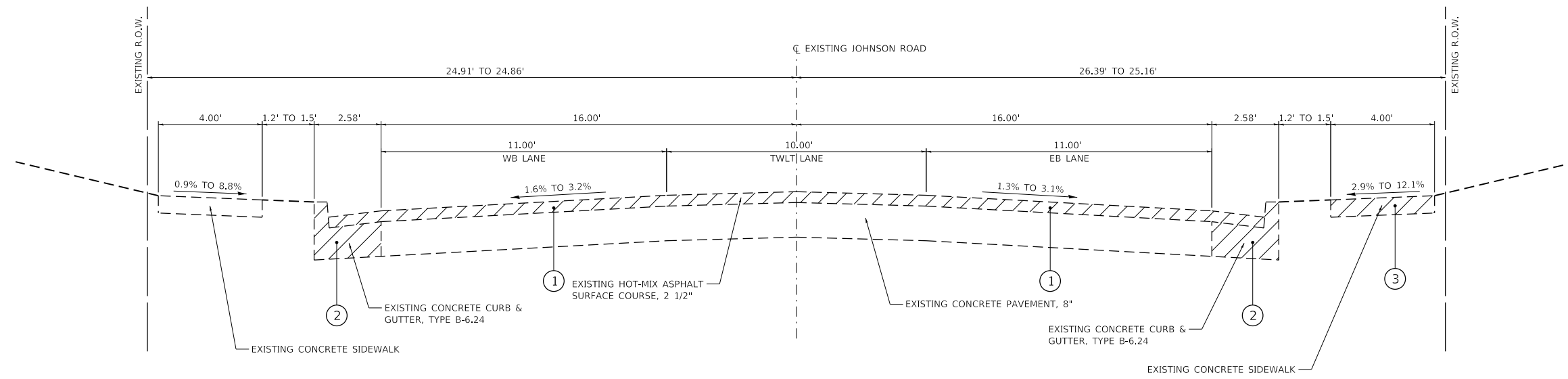
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	DRAWN - JJB	REVISED -
PLOT SCALE = 5.0000' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 5/27/2020	DATE - 5/15/20	REVISED -

**JOHNSON ROAD IMPROVEMENTS
PHASE 1
GRANITE CITY, ILLINOIS**

EXISTING TYPICAL SECTIONS

SCALE: NTS SHEET 1 OF 3 SHEETS STA. TO STA.


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-RS	MADISON	47	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97745	



JOHNSON ROAD EXISTING TYPICAL SECTION

STA. 18+17.00 TO STA. 21+00.00
(NOT TO SCALE)

REMOVAL LEGEND

-  REMOVAL
- ① HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- ② COMBINATION CURB AND GUTTER REMOVAL
- ③ SIDEWALK REMOVAL

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 JUNEAU Job No. E170244

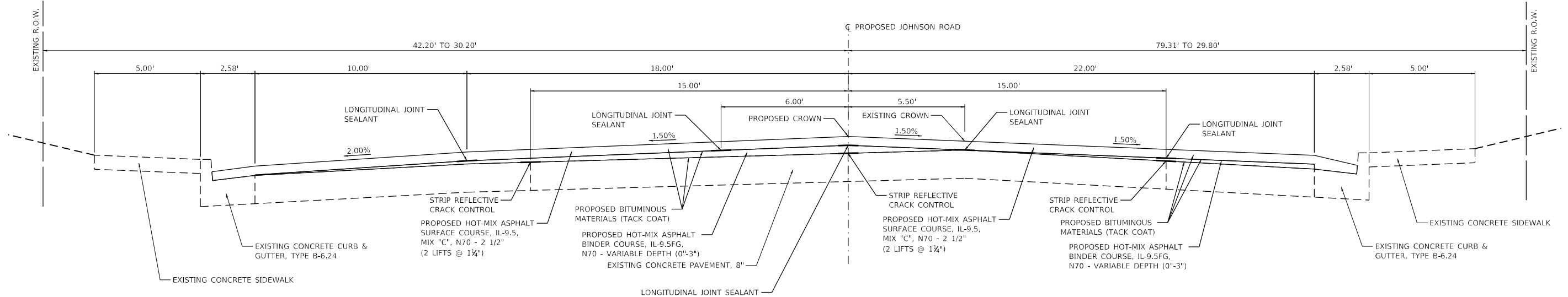
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	DRAWN - JJB	REVISED -
PLOT SCALE = 5.0000 ' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 5/27/2020	DATE - 5/15/20	REVISED -

**JOHNSON ROAD IMPROVEMENTS
PHASE 1
GRANITE CITY, ILLINOIS**

EXISTING TYPICAL SECTIONS

SCALE: NTS SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-RS	MADISON	47	7
CONTRACT NO. 97745				
ILLINOIS FED. AID PROJECT				



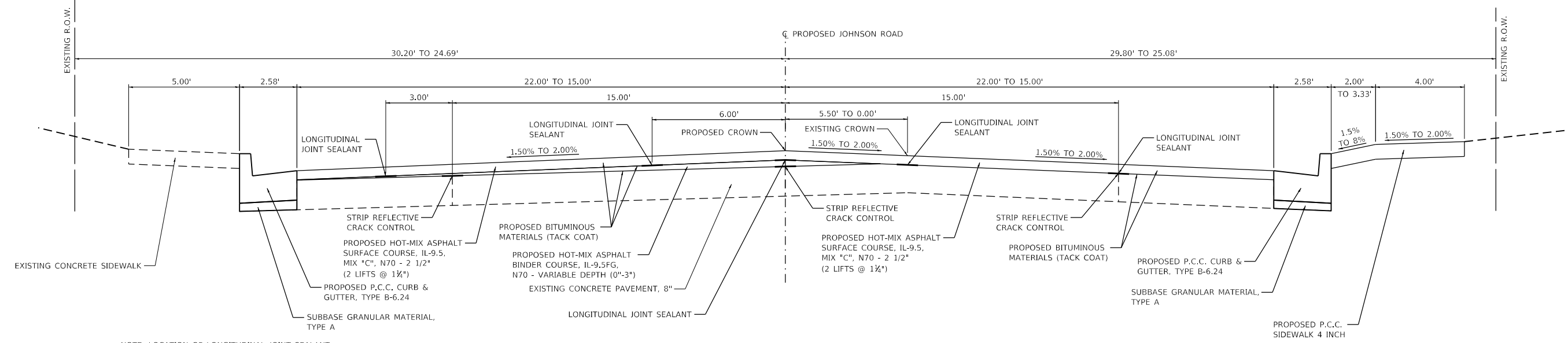
NOTE: LOCATION OF LONGITUDINAL JOINT SEALANT MAY BE ADJUSTED DURING CONSTRUCTION.

JOHNSON ROAD PROPOSED TYPICAL SECTION

STA. 10+34.40 TO STA. 11+28.03
(NOT TO SCALE)

CROSS SLOPE TABLE

LOCATION	CROSS SLOPE	
	LT (%)	RT (%)
JOHNSON ROAD		
STA. 11+00.00	2.0	1.5
STA. 11+50.00	1.8	2.0
STA. 12+00 TO 12+39.61	2.0	2.0
STA. 12+50.00 TO STA. 16+19.96	2.0	1.5



NOTE: LOCATION OF LONGITUDINAL JOINT SEALANT MAY BE ADJUSTED DURING CONSTRUCTION.

JOHNSON ROAD PROPOSED TYPICAL SECTION

STA. 11+28.03 TO STA. 12+82.64
(NOT TO SCALE)

MODEL: Default
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JUNEAU Job No. E170244

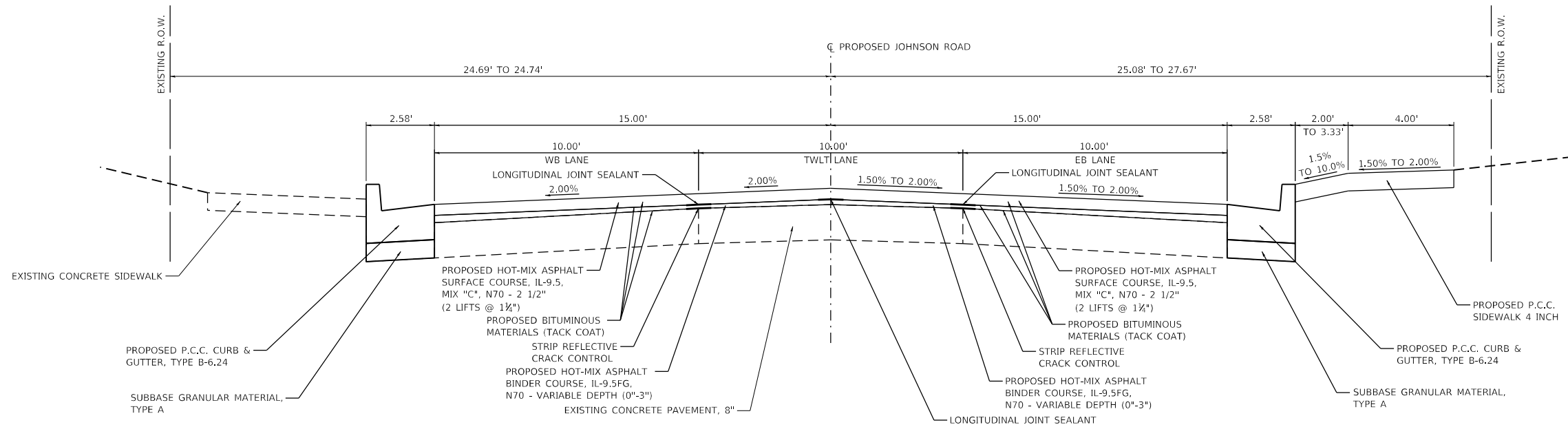
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PLOT DATE = 5/28/2020	DATE - 5/15/20	REVISED -

JOHNSON ROAD IMPROVEMENTS PHASE 1 GRANITE CITY, ILLINOIS

PROPOSED TYPICAL SECTIONS

SCALE: NTS SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-R5	MADISON	47	8
CONTRACT NO. 97745				
ILLINOIS FED. AID PROJECT				

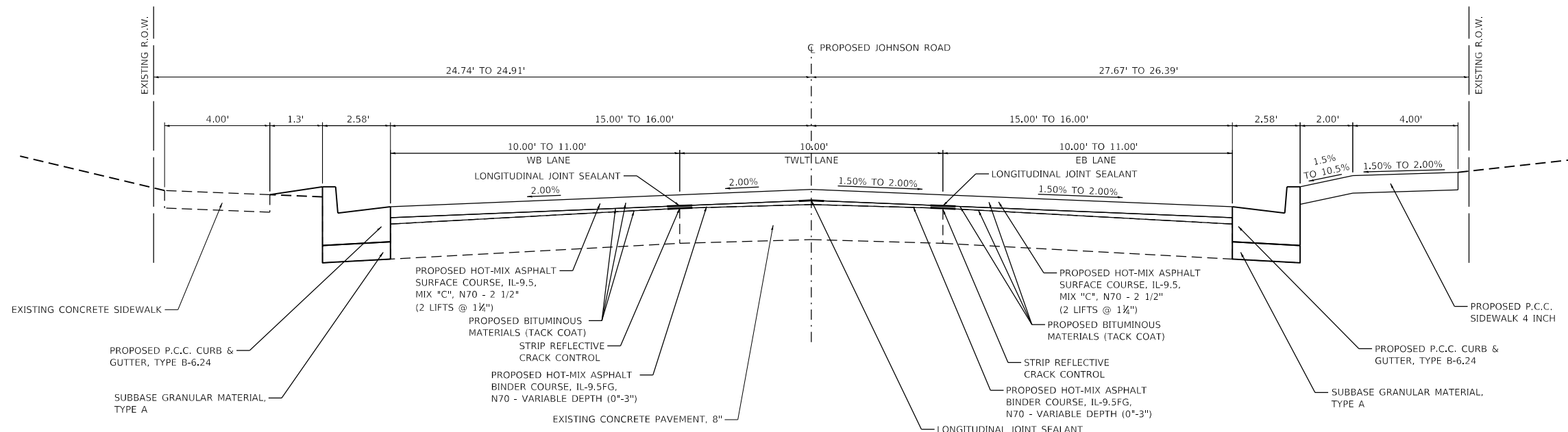


JOHNSON ROAD PROPOSED TYPICAL SECTION

STA. 12+82.64 TO STA. 16+34.00
(NOT TO SCALE)

CROSS SLOPE TABLE

LOCATION	CROSS SLOPE	
	LT (%)	RT (%)
JOHNSON ROAD		
STA. 12+50.00 TO STA. 16+19.96	2.0	1.5
TRANSITION		
STA. 16+29.96 TO STA. 17+50.00	2.0	2.0
TRANSITION		
STA. 17+60.00 TO STA. 18+90.00	2.0	1.5



JOHNSON ROAD PROPOSED TYPICAL SECTION

STA. 16+34.00 TO STA. 18+17.00
(NOT TO SCALE)

MODEL: Default
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 JUNEAU Job No. E170244

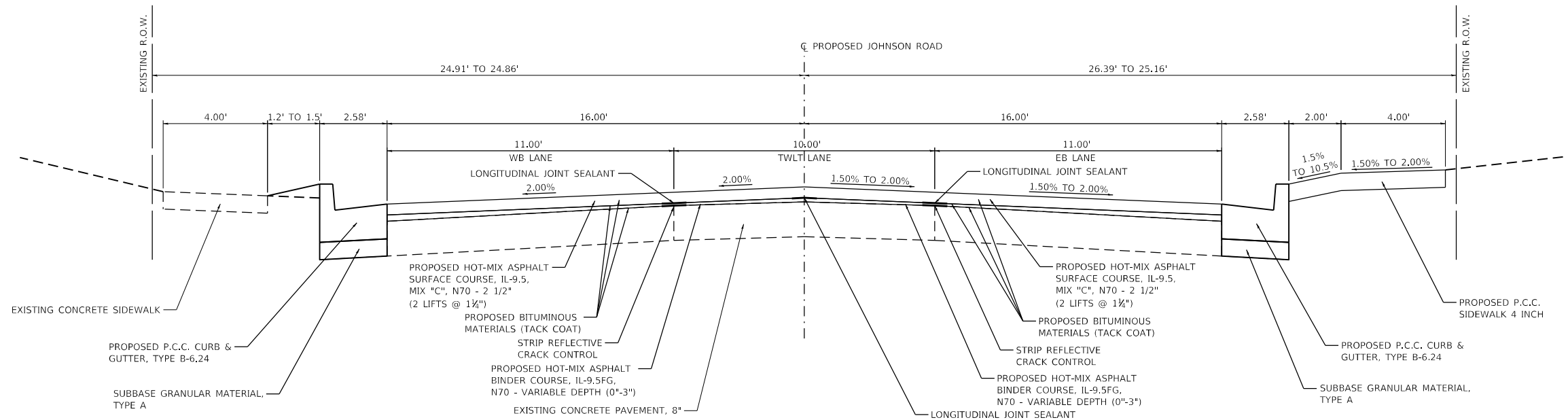
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	DRAWN - JJB	REVISED -
PLOT SCALE = 5.0000' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 5/28/2020	DATE - 5/15/20	REVISED -

**JOHNSON ROAD IMPROVEMENTS
PHASE 1
GRANITE CITY, ILLINOIS**

PROPOSED TYPICAL SECTIONS

SCALE: NTS SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-R5	MADISON	47	9
CONTRACT NO. 97745				
ILLINOIS		FED. AID PROJECT		

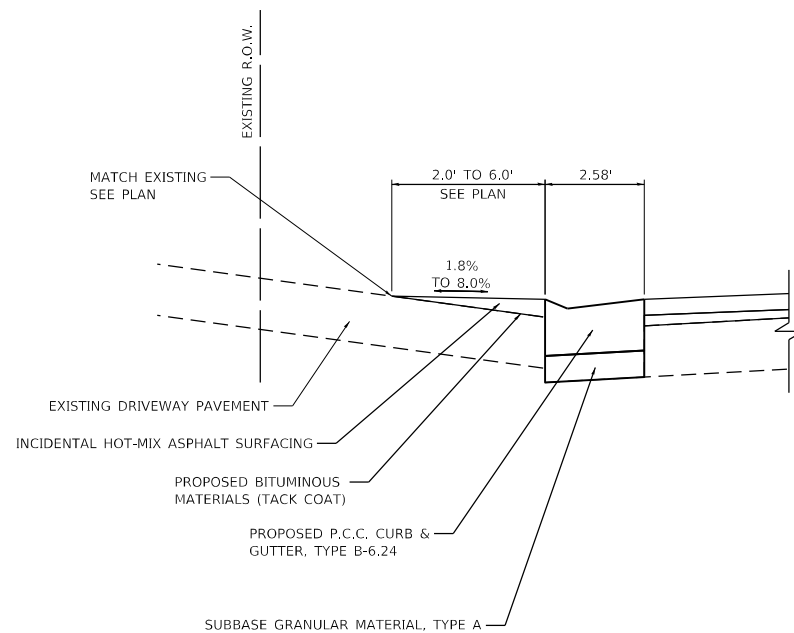


JOHNSON ROAD PROPOSED TYPICAL SECTION

STA. 18+17.00 TO STA. 21+00.00
(NOT TO SCALE)

CROSS SLOPE TABLE

LOCATION	CROSS SLOPE	
	LT (%)	RT (%)
JOHNSON ROAD		
STA. 17+60.00 TO STA. 18+90.00	2.0	1.5
STA. 19+00.00 TO STA. 19+50.00	2.0	2.0
STA. 19+60.00 TO STA. 21+00.00	2.0	1.5
STA. 21+10.00	2.0	2.0



JOHNSON ROAD PROPOSED TYPICAL SECTION

ENTRANCES ON NORTH SIDE OF JOHNSON ROAD ONLY
(NOT TO SCALE)

MODEL: Default
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 JUNEAU Job No. E170244

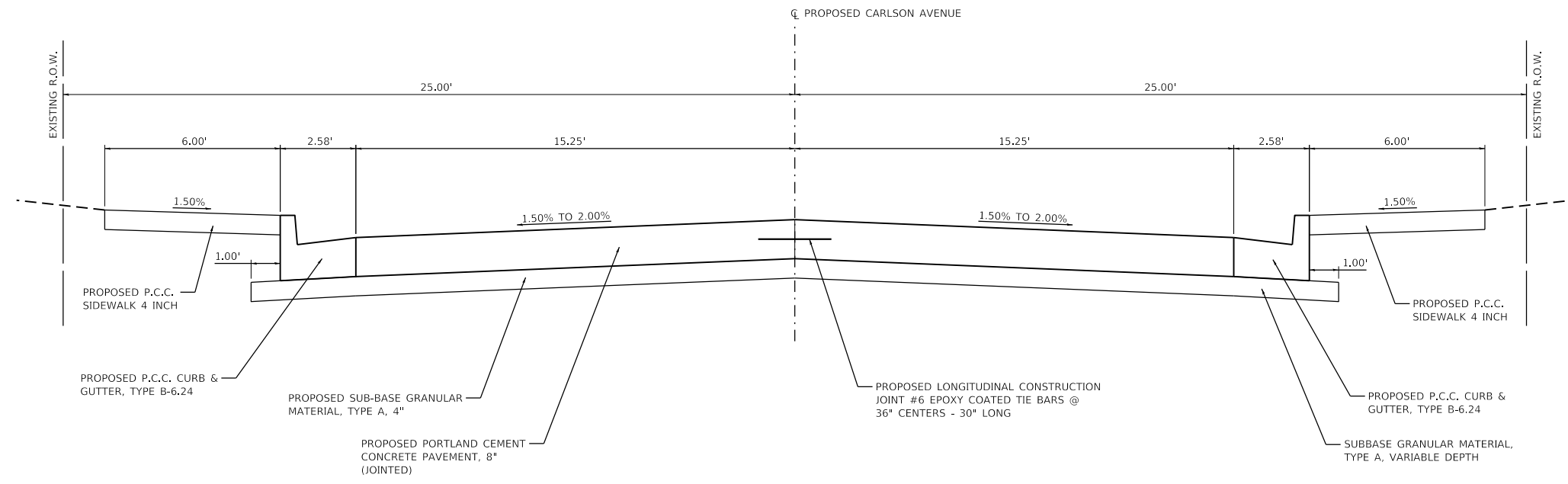
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	DRAWN - JJB	REVISED -
PLOT SCALE = 5.0000' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 5/28/2020	DATE - 5/15/20	REVISED -

**JOHNSON ROAD IMPROVEMENTS
PHASE 1
GRANITE CITY, ILLINOIS**

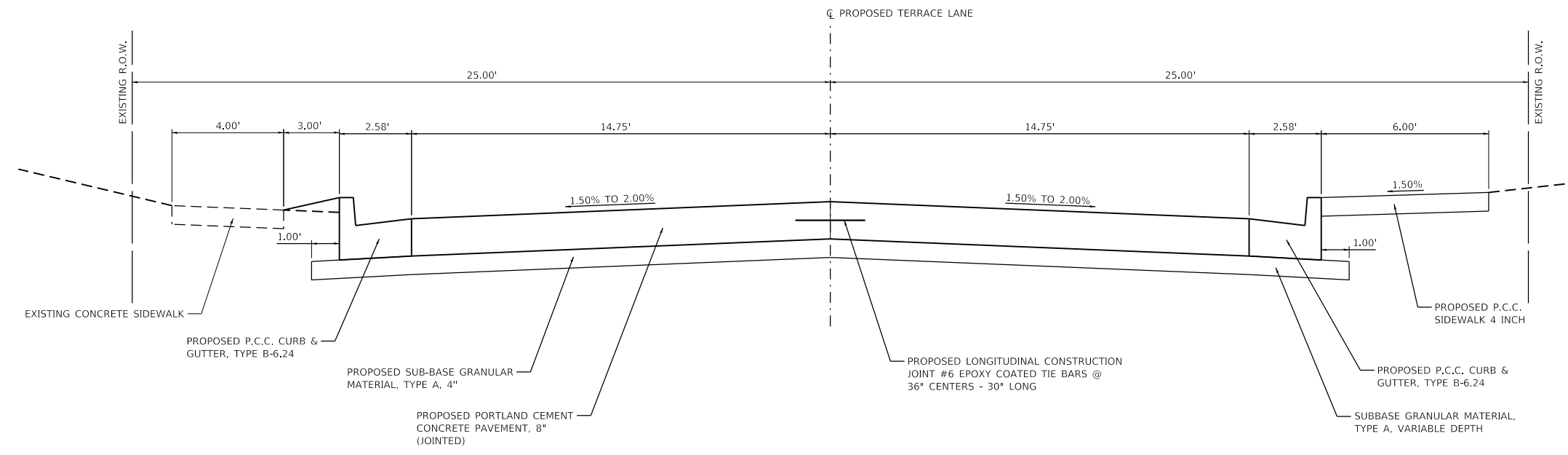
PROPOSED TYPICAL SECTIONS

SCALE: NTS SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-R5	MADISON	47	10
CONTRACT NO. 97745				
ILLINOIS FED. AID PROJECT				



CARLSON AVENUE PROPOSED TYPICAL SECTION
(NOT TO SCALE)



TERRACE LANE PROPOSED TYPICAL SECTION
(NOT TO SCALE)

MODEL: Default
FILE NAME: P:\Contract\2017\E170244 Johnson Road Resurfacing\typ_proposed.dgn
JUNEAU Job No. E170244

USER NAME = scott	DESIGNED - BFK	REVISED -
PLOT SCALE = 5.0000' / in.	DRAWN - JJB	REVISED -
PLOT DATE = 5/27/2020	CHECKED - BFK	REVISED -
	DATE - 5/15/20	REVISED -

**JOHNSON ROAD IMPROVEMENTS
PHASE 1
GRANITE CITY, ILLINOIS**

PROPOSED TYPICAL SECTIONS

SCALE: NTS SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-RS	MADISON	47	11
CONTRACT NO. 97745				
ILLINOIS FED. AID PROJECT				

PAVEMENT SCHEDULE

LOCATION	BITUMINOUS MATERIALS (TACK COAT) (POUNDS)	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70 (TON)	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70 (TON)	STRIP REFLECTIVE CRACK CONTROL (FOOT)	LONGITUDINAL JOINT SEALANT (FOOT)	SUBBASE GRANULAR MATERIAL, TYPE A (TON)	SUBBASE GRANULAR MATERIAL, TYPE A 4" (SQ YD)	PCC PAVEMENT 8" (JOINTED) (SQ YD)
JOHNSON ROAD STA. 10+34.40 TO STA. 21+10.00	3820.9	294.3	594.4	2420	3713	114.8		
CARLSON AVENUE STA. 16+79.04 - 15.25' RT TO STA. 16+79.04 - 44.94' RT							178.8	142.0
TERRACE LANE STA. 20+62.46 - 16.00' LT TO STA. 20+62.46 - 39.25' LT							114.0	88.9
TOTAL	3821	294	594	2420	3713	115	293	231

DRIVEWAY PAVEMENT SCHEDULE

LOCATION	OFFSET	WIDTH (FOOT)	PCC DRIVEWAY PAVEMENT 6 INCH (SQ YD)	PCC DRIVEWAY PAVEMENT 8 INCH (SQ YD)	INCIDENTAL HOT-MIX ASPHALT SURFACING (TON)	BITUMINOUS MATERIALS (TACK COAT) (POUND)	"Y" DISTANCE (FOOT)
JOHNSON ROAD							
C.E. @ STA. 10+93.91	LT	14.06		1.5			
C.E. @ STA. 11+75.11	RT	47.24		35.2			
C.E. @ STA. 12+39.61	RT	35.00		27.9			
C.E. @ STA. 12+81.89	LT	26.00			1.56	9.0	
C.E. @ STA. 12+95.51	RT	25.94		25.1			1.34
C.E. @ STA. 13+41.66	RT	24.00		20.0			
C.E. @ STA. 13+56.74	LT	47.19			3.31	10.3	
C.E. @ STA. 14+01.61	RT	24.00		20.0			
C.E. @ STA. 14+49.79	LT	VARIES		17.0	1.23	4.6	
C.E. @ STA. 14+94.70	RT	35.00		27.3			
C.E. @ STA. 15+12.74	LT	35.70			2.76	12.6	
P.E. @ STA. 15+54.90	RT	12.00	12.8				1.00
C.E. @ STA. 15+72.92	LT	23.33			0.07	3.7	
C.E. @ STA. 16+71.82	LT	14.75			0.82	4.6	
C.E. @ STA. 17+10.39	LT	45.41			2.75	14.2	
P.E. @ STA. 17+71.46	RT	12.00	11.4				
C.E. @ STA. 17+78.97	LT	22.34			0.57	3.8	
C.E. @ STA. 18+37.06	LT	37.27			0.89	5.9	
P.E. @ STA. 18+53.23	RT	20.87	15.6				
P.E. @ STA. 18+69.08	RT	12.00	9.7				
C.E. @ STA. 18+76.91 (TO BE CLOSED)	LT	12.35			1.48	4.0	
C.E. @ STA. 19+91.86	LT	34.90			2.92	11.8	
P.E. @ STA. 20+14.61	RT	19.10	17.2				0.50
P.E. @ STA. 20+84.26	RT	17.70	16.3				0.55
TOTAL			83	174	18	85	

PATCHING SCHEDULE

LOCATION	WIDTH (FT)	LENGTH (FT)	CLASS B PATCHES, TYPE II, 8 INCH (SQ YD)	CLASS B PATCHES, TYPE II, 11 INCH (SQ YD)	DOWEL BARS 1 1/4" (EACH)	SAW CUTS (FOOT)
JOHNSON ROAD						
STA. 10+75.35 - 23.30' LT TO STA. 10+86.34 - 31.49' LT	11	8.2	10.0		18	41.3
STA. 14+55.00 - 5.00' RT TO STA. 14+65.00 - 5.00' RT	10	10	11.1		16	60.0
STA. 14+57.00 - 5.00' LT TO STA. 14+63.00 - 5.00' LT	10	6	6.7		16	36.0
STA. 14+57.00 - 0.00' LT TO STA. 14+63.00 - 0.00' LT	10	6	6.7		16	48.0
STA. 16+24.96 - 5.00' RT TO STA. 16+34.96 - 5.00' RT	10	10	11.1		16	60.0
STA. 16+26.96 - 5.00' LT TO STA. 16+32.96 - 5.00' LT	10	6	6.7		16	36.0
STA. 16+26.96 - 0.00' LT TO STA. 16+32.96 - 0.00' LT	10	6	6.7		16	48.0
STA. 21+05.00 - 5.00' RT TO STA. 21+15.00 - 5.00' RT	11	10		12.2	18	63.0
TOTAL			59	12	132	392

DETECTOR LOOP SCHEDULE

LOCATION	DETECTOR LOOP, TYPE I (FOOT)	CABLE SPLICE SPECIAL (EACH)
JOHNSON ROAD		
STA. 10+45.68 - 42.67' LT TO STA. 10+92.09 - 24.73' LT	166.2	1
STA. 10+50.62 - 13.06' LT TO STA. 11+00.62 - 13.06' LT	179.9	1
STA. 10+50.62 - 1.06' LT TO STA. 11+00.62 - 1.06' LT	193.3	1
TOTAL	539	3

**JOHNSON ROAD IMPROVEMENTS
PHASE 1
GRANITE CITY, ILLINOIS**

QUANTITY SCHEDULES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-R5	MADISON	47	13
CONTRACT NO. 97745				

SCALE: NTS SHEET 2 OF 4 SHEETS STA. TO STA.

MODEL: D:\info\... FILE: NAME: P:\Cantrel\2017\1E170244 Johnson Road Resurfacing\combschedule Johnson alt BFK.dgn

JUNEAU Job No. E170244

USER NAME = scott	DESIGNED - BFK	REVISED -
	DRAWN - JJB	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 5/27/2020	DATE - 5/15/20	REVISED -

MANHOLE AND INLET SCHEDULE

STRUCTURE ID	LOCATION	INLETS, TYPE A, TYPE 1 F, OL (ADA COMPLIANT)	INLETS, TYPE A, TYPE 20 F & G	INLETS, TYPE A, TYPE 24 F & G	INLETS, TYPE B, TYPE 20 F & G	MANHOLES, TYPE A, 5' - DIA. TYPE 1F, CL (SET OVER)
		(EACH)	(EACH)	(EACH)	(EACH)	(EACH)
	JOHNSON ROAD					
J-1	STA. 10+81.15 - 34.17' LT			1		
J-2	STA. 14+60.00 - 22.58' LT	1				
J-3	STA. 14+60.00 - 11.92' RT					1
J-4	STA. 16+29.96 - 16.10' LT			1		
J-5	STA. 16+29.96 - 11.92' RT					1
J-6	STA. 16+54.96 - 25.15' RT		1			
J-7	STA. 16+95.68 - 41.98' RT			1		
J-8	STA. 17+02.49 - 25.71' RT				1	
J-9	STA. 21+10.00 - 11.76' RT					1
J-10	STA. 21+10.00 - 17.10' RT			1		
TOTAL		1	1	4	1	3

STORM SEWER SCHEDULE

STRUCTURE ID	LOCATION	STORM SEWERS CLASS A, RCCP			TRENCH BACKFILL (CU YD)
		TYPE 1			
		10" (FOOT)	12" (FOOT)	15" (FOOT)	
	JOHNSON ROAD				
J-1 TO COLLAR	STA. 10+81.15 - 34.17' LT TO STA. 10+81.28 - 26.33' LT	7			0.4
J-2 TO J-3	STA. 14+60.00 - 22.58' LT TO STA. 14+60.00 - 11.92' RT			31	6.2
J-4 TO J-5	STA. 16+29.96 - 16.10' LT TO STA. 16+29.96 - 11.92' RT			25	4.4
J-7 TO J-8	STA. 16+95.68 - 41.98' RT TO STA. 17+02.49 - 25.71' RT		15		1.6
J-9 TO J-10	STA.21+10.00 - 11.76' RT TO STA. 21+10.00 - 17.10' RT			2	0.5
TOTAL		7	15	58	13

DETECTABLE WARNINGS SCHEDULE

LOCATION	DETECTABLE WARNINGS (SQ FT)
JOHNSON ROAD	
STA. 16+46.07 - 22.72' RT TO STA. 16+53.18 - 25.56' RT	14.8
STA. 17+04.80 - 26.27' RT TO STA. 17+11.88 - 23.34' RT	14.8
STA. 20+30.74 - 18.58' LT TO STA. 20+42.28 - 25.58' LT	27.7
STA. 20+81.85 - 25.67' LT TO STA. 20+87.69 - 22.46' LT	12.9
TOTAL	70

COMBINATION CURB AND GUTTER SCHEDULE

LOCATION	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (FOOT)	CONCRETE CURB, TYPE B (FOOT)
JOHNSON ROAD		
STA. 10+70.26 - 38.55' LT TO STA. 10+94.87 - 31.31' LT	25.7	
STA. 11+36.59 - 23.65' RT TO STA. 16+61.84 - 44.94' RT	541.7	
STA. 11+36.59 - 23.65' RT TO STA. 11+50.83 - 29.53' RT		15.8
STA. 11+97.69 - 27.70' RT TO STA. 12+10.46 - 19.98' RT		15.5
STA. 11+92.10 - 23.06' LT TO STA. 20+45.74 - 39.25' LT	869.3	
STA. 13+20.91 - 17.00' LT TO STA. 13+30.74 - 19.58' LT		10.3
STA. 13+82.82 - 19.58' LT TO STA. 13+92.65 - 17.00' LT		10.3
STA. 14+17.27 - 17.00' LT TO STA. 14+27.10 - 19.58' LT		10.3
STA. 14+72.48 - 19.58' LT TO STA. 14+82.30 - 17.00' LT		10.3
STA. 16+38.86 - 17.03' LT TO STA. 16+48.67 - 19.66' LT		10.3
STA. 16+96.35 - 44.98' RT TO STA. 21+15.00 - 18.00' RT	434.1	
STA. 20+79.27 - 39.25' LT TO STA. 21+00.00 - 18.00' LT	35.5	
TOTAL	1906	83

MANHOLE AND INLET ADJUSTMENT SCHEDULE

LOCATION	FRAMES AND LIDS TO BE ADJUSTED (EACH)	FRAMES AND GRATES TO BE ADJUSTED (EACH)
JOHNSON ROAD		
STA. 10+44.68 - 11.63' RT	1	
STA. 10+81.96 - 15.78' RT	1	
STA. 11+91.97 - 1.67' LT	1	
STA. 13+54.34 - 11.02' RT	1	
STA. 14+80.99 - 12.09' RT	1	
STA. 15+43.78 - 1.08' LT	1	
STA. 15+71.89 - 16.02' LT		1
STA. 15+74.24 - 11.89' RT	1	
STA. 15+74.50 - 16.43' RT		1
STA. 16+76.88 - 18.48' LT		1
STA. 16+77.40 - 11.95' RT	1	
STA. 18+13.20 - 0.69' LT	1	
STA. 19+45.35 - 10.83' RT	1	
STA. 19+45.73 - 17.46' LT		1
STA. 19+45.99 - 17.46' RT		1
STA. 20+54.29 - 11.62' RT	1	
STA. 20+68.39 - 0.12' LT	1	
TOTAL	12	5

SIDEWALK SCHEDULE

LOCATION	P.C.C. SIDEWALK 4" (SQ FT)
JOHNSON ROAD	
STA. 11+98.39 - 27.67' RT TO STA. 12+21.19 - 26.03' RT	106.1
STA. 12+56.20 - 24.91' RT TO STA. 12+80.02 - 24.92' RT	129.8
STA. 13+05.96 - 24.92' RT TO STA. 13+29.66 - 23.58' RT	113.6
STA. 13+53.66 - 23.58' RT TO STA. 13+89.28 - 23.58' RT	177.7
STA. 14+13.28 - 23.58' RT TO STA. 14+76.96 - 23.58' RT	346.1
STA. 15+11.96 - 23.58' RT TO STA. 15+50.66 - 23.58' RT	198.8
STA. 15+62.66 - 23.58' RT TO STA. 16+61.09 - 41.93' RT	633.8
STA. 16+97.13 - 42.22' RT TO STA. 17+65.25 - 24.30' RT	450.5
STA. 17+77.25 - 24.36' RT TO STA. 18+43.38 - 24.58' RT	365.9
STA. 18+76.25 - 24.58' RT TO STA. 20+05.06 - 25.08' RT	744.8
STA. 20+13.74 - 20.11' LT TO STA. 20+42.25 - 30.58' LT	177.1
STA. 20+24.16 - 25.08' RT TO STA. 20+75.41 - 25.13' RT	282.5
STA. 20+79.85 - 39.25' LT TO STA. 21+06.00 - 20.19' LT	202.6
STA. 20+93.11 - 25.13' RT TO STA. 21+08.25 - 19.88' RT	69.1
TOTAL	3998

CONCRETE COLLAR SCHEDULE

LOCATION	CONCRETE COLLAR (CU YD)
JOHNSON ROAD	
STA. 10+81.28 - 26.33' LT	0.7
TOTAL	1

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PAVEMENT MARKING SCHEDULE

LOCATION	TYPE	THERMOPLASTIC PAVEMENT MARKINGS					PREFORMED PLASTIC PAVEMENT MARKINGS, TYPE B		GROOVING FOR RECESSED PAVEMENT MARKINGS		RAISED REFLECTIVE PAVEMENT MARKERS			TEMPORARY PAVEMENT MARKINGS					TEMPORARY PAVEMENT MARKING REMOVAL (SQ FT)	SHORT TERM PAVEMENT MARKINGS (FOOT)	SHORT TERM PAVEMENT MARKING REMOVAL (SQ FT)																					
		WHITE			YELLOW		WHITE		7" (FOOT)	13" (FOOT)	ONE-WAY CRYSTAL (EACH)	ONE-WAY AMBER (EACH)	TWO-WAY AMBER (EACH)	LINE 4" (FOOT)	LINE 6" (FOOT)	LINE 12" (FOOT)	LINE 24" (FOOT)	LETTERS & SYMBOLS (SQ FT)																								
		4" (FOOT)	12" (FOOT)	24" (FOOT)	LETTERS & SYMBOLS (SQ FT)	4" (FOOT)	12" (FOOT)	6" (FOOT)														12" (FOOT)																				
JOHNSON ROAD																																										
STA. 10+34.40 TO STA. 21+10.00																																										
	DOUBLE CENTERLINE																																									
	EDGE LINE	75																																								
	SKIP DASH 10' - 30'																																									
	LANE LINE	115																																								
	DIAGONALS																																									
	ARROW (LARGE)				187.2																																					
	STOP LINE			53																																						
	CROSSWALK		163																																							
CARLSON AVENUE																																										
	STOP LINE								20		20																															
	CROSSWALK							112		112					112																											
TERRACE LANE																																										
	STOP LINE								15		15																															
	CROSSWALK							80		80					80																											
TOTAL		190	163	53	187	2695	29	192	35	192	35	7	5	46	2885	192	227	53	187	1578	672	64																				

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)
JOHNSON ROAD						
STA. 10+34.40 TO STA. 21+15.00	25	0.25	22.5	22.5	22.5	0.50
TOTAL	25	0.25	23	23	23	0.50

INLET AND PIPE PROTECTION SCHEDULE

LOCATION	INLET AND PIPE PROTECTION (EACH)
JOHNSON ROAD	
STA. 10+81.15 - 34.17' LT	1
STA. 10+83.48 - 34.26' RT	1
STA. 14+60.00 - 22.58' LT	1
STA. 15+71.89 - 16.02' LT	1
STA. 15+74.50 - 16.43' RT	1
STA. 16+29.96 - 16.10' LT	1
STA. 16+54.96 - 25.15' RT	1
STA. 16+76.88 - 18.48' LT	1
STA. 16+95.68 - 41.98' RT	1
STA. 17+02.86 - 26.05' RT	1
STA. 19+45.73 - 17.46' LT	1
STA. 19+45.99 - 17.46' RT	1
STA. 21+10.00 - 17.10' RT	1
STA. 21+10.77 - 17.32' LT	1
TOTAL	14

PROTECTIVE COAT SCHEDULE

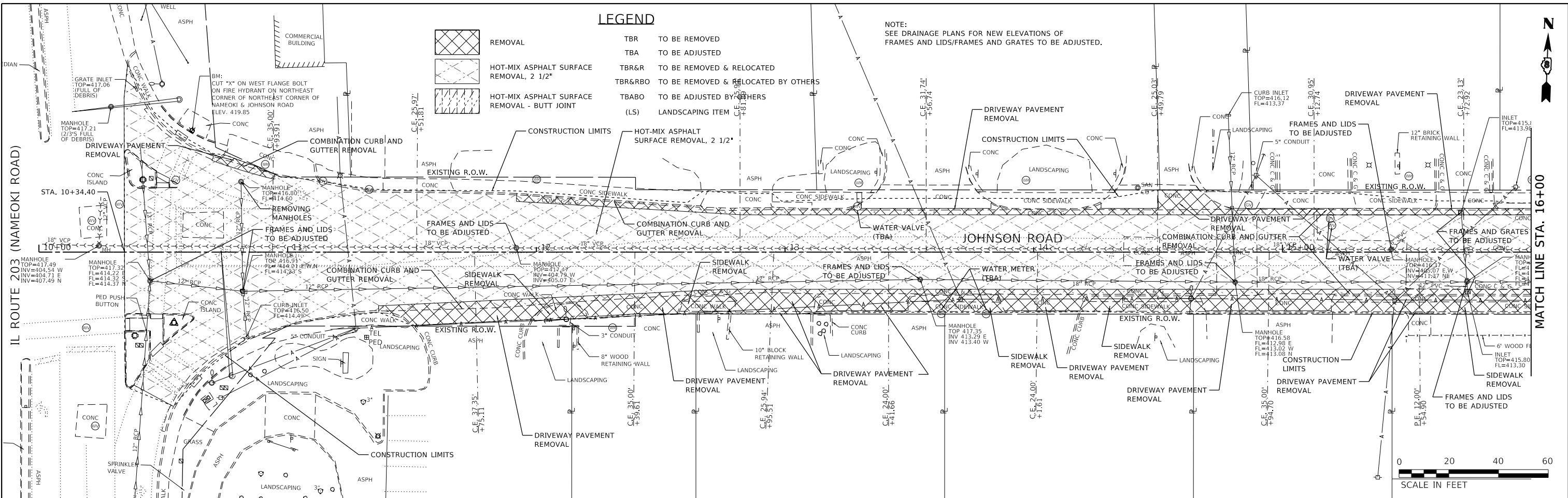
LOCATION	PROTECTIVE COAT (SQ YD)
JOHNSON ROAD	
PORTLAND CEMENT CONCRETE PAVEMENT	231
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT	257
COMBINATION CONCRETE CURB & GUTTER	652
CONCRETE CURB	10
PORTLAND CEMENT CONCRETE SIDEWALK	444
TOTAL	1594

**JOHNSON ROAD IMPROVEMENTS
PHASE 1
GRANITE CITY, ILLINOIS**

QUANTITY SCHEDULES

USER NAME = scott DRAWN - JJB PLOT SCALE = 100.0000' / in. PLOT DATE = 5/27/2020	DESIGNED - BFK CHECKED - BFK DATE - 5/15/20	REVISED - REVISED - REVISED - REVISED -	SCALE: NTS SHEET 4 OF 4 SHEETS STA. TO STA.	F.A.U. RTE. 9083 SECTION 17-00197-00-RS COUNTY MADISON TOTAL SHEETS 47 SHEET NO. 15 CONTRACT NO. 97745 ILLINOIS FED. AID PROJECT
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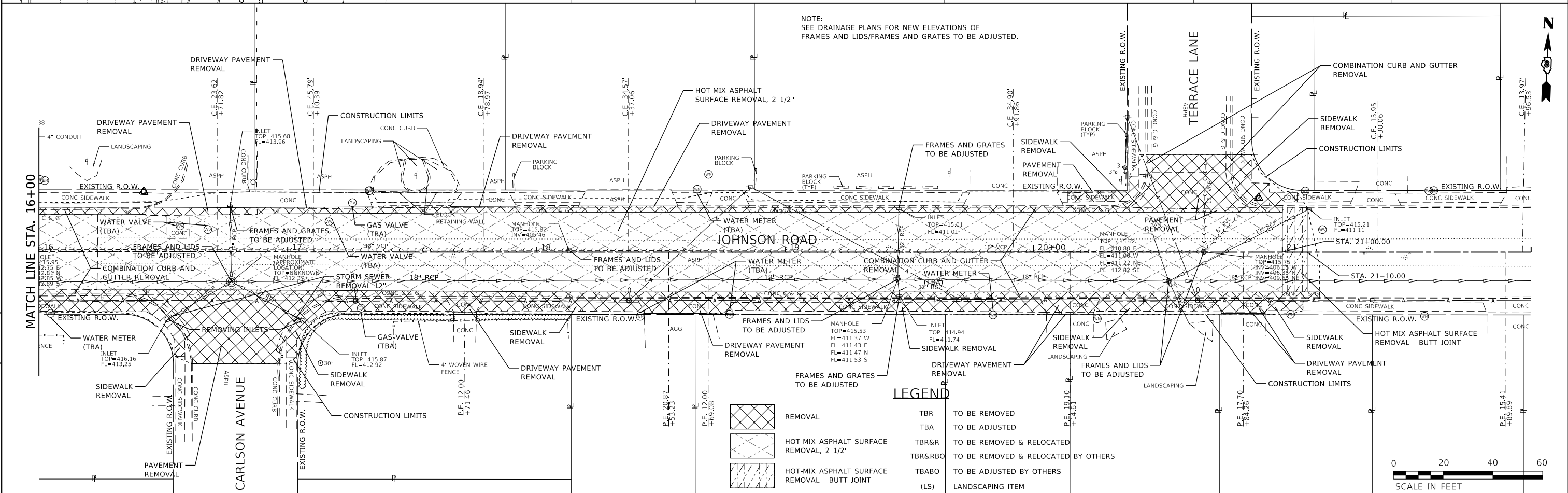
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 FILE: MAME...
 JUNEAU Job No. E170244



LEGEND

- | | | | |
|--|--|---------|-------------------------------------|
| | REMOVAL | TBR | TO BE REMOVED |
| | HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" | TBA | TO BE ADJUSTED |
| | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | TBR&R | TO BE REMOVED & RELOCATED |
| | | TBR&RBO | TO BE REMOVED & RELOCATED BY OTHERS |
| | | TB&BO | TO BE ADJUSTED BY OTHERS |
| | | (LS) | LANDSCAPING ITEM |

NOTE:
SEE DRAINAGE PLANS FOR NEW ELEVATIONS OF
FRAMES AND LIDS/FRAMES AND GRATES TO BE ADJUSTED.



LEGEND

- | | | | |
|--|--|---------|-------------------------------------|
| | REMOVAL | TBR | TO BE REMOVED |
| | HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" | TBA | TO BE ADJUSTED |
| | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | TBR&R | TO BE REMOVED & RELOCATED |
| | | TBR&RBO | TO BE REMOVED & RELOCATED BY OTHERS |
| | | TB&BO | TO BE ADJUSTED BY OTHERS |
| | | (LS) | LANDSCAPING ITEM |

NOTE:
SEE DRAINAGE PLANS FOR NEW ELEVATIONS OF
FRAMES AND LIDS/FRAMES AND GRATES TO BE ADJUSTED.



**JOHNSON ROAD IMPROVEMENTS
PHASE 1
GRANITE CITY, ILLINOIS**

SCALE: 1"=20'
SHEET 1 OF 1 SHEETS
STA. 10+00.00 TO STA. 22+00.00

REMOVAL

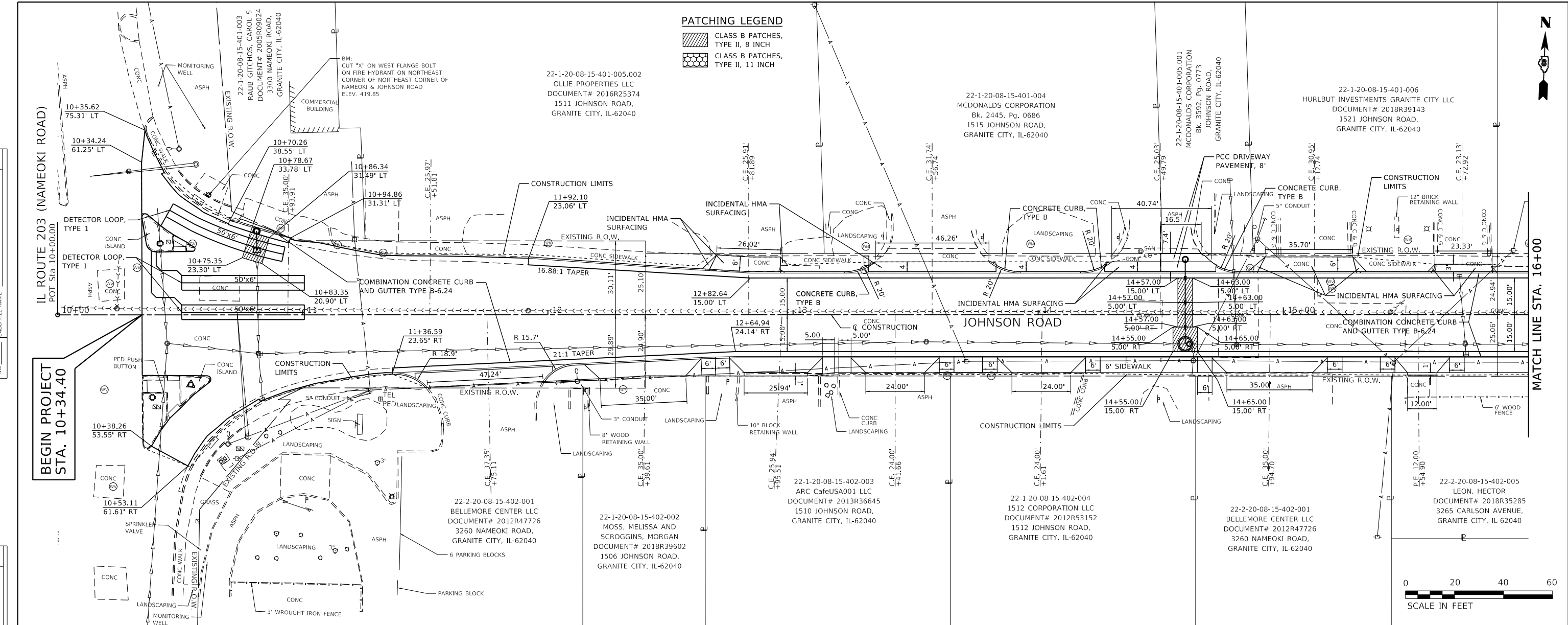
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PLOT SCALE = 40.0000" / in.	DRAWN - JJB	REVISED -
PLOT DATE = 5/27/2020	CHECKED - BFK	REVISED -
	DATE - 5/15/20	REVISED -

F.A.U. RTE. 9083	SECTION 17-00197-00-R5	COUNTY MADISON	TOTAL SHEETS 47	SHEET NO. 16
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97745	

MODEL: Dwg.rvt
 FILE NAME: P:\Camille\2017\170244 Johnson Road Resurfacing\cam01_16.rvt.dgn
 JUNEAU Job No. E170244

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
NO. _____	
NOTE BOOK	
NO. _____	
STRUCTURE	
NOTATION	
CPWD	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES	
CHECKED	
NO. _____	
NOTE BOOK	
NO. _____	
STRUCTURE	
NOTATION	
CPWD	

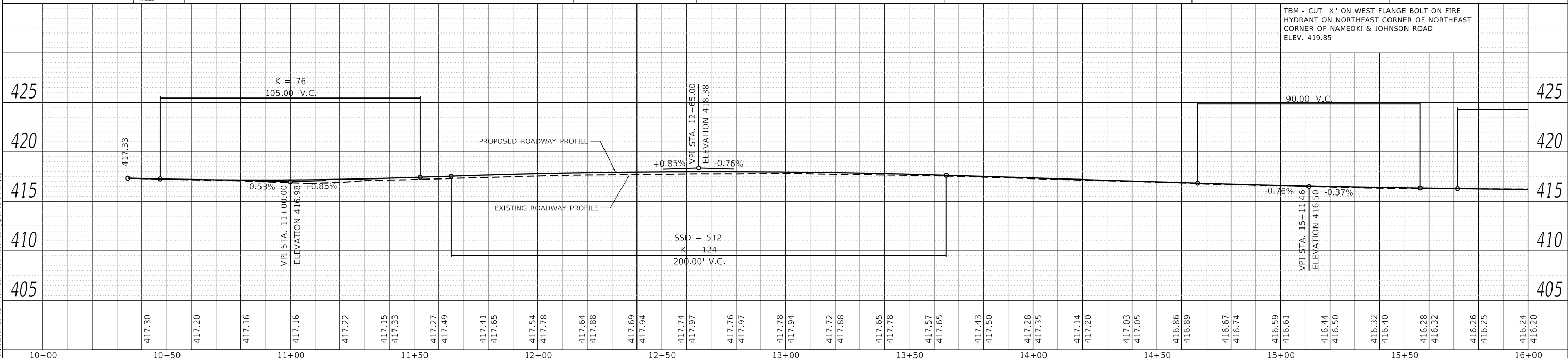


PATCHING LEGEND

- CLASS B PATCHES, TYPE II, 8 INCH
- CLASS B PATCHES, TYPE II, 11 INCH

BEGIN PROJECT STA. 10+34.40



MATCH LINE STA. 16+00



USER NAME = scott DESIGNED - BFK DRAWN - JJB CHECKED - BFK DATE - 04/21/20		REVISED - REVISED - REVISED - REVISED -		JOHNSON ROAD IMPROVEMENTS PHASE 1 GRANITE CITY, ILLINOIS				PLAN AND PROFILE				F.A.U. RT. 9083 SECTION 17-00197-00-RS COUNTY MADISON CONTRACT NO. 97745	
JUNEAU Job No. E170244 PLOT SCALE = 40.0000' / in. PLOT DATE = 5/27/2020		SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. 10+00.00 TO STA. 16+00.00				ILLINOIS FED. AID PROJECT		TOTAL SHEETS 47 SHEET NO. 17					

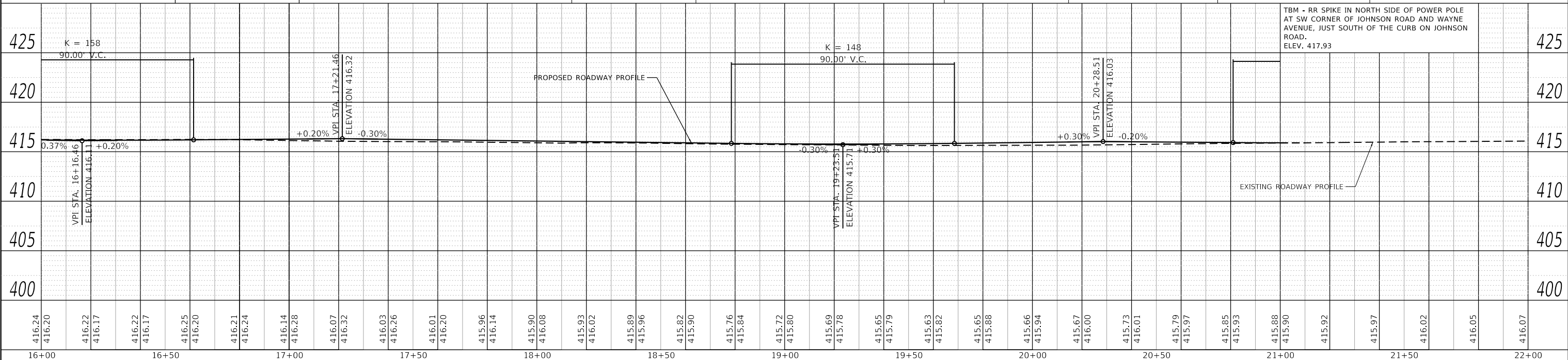
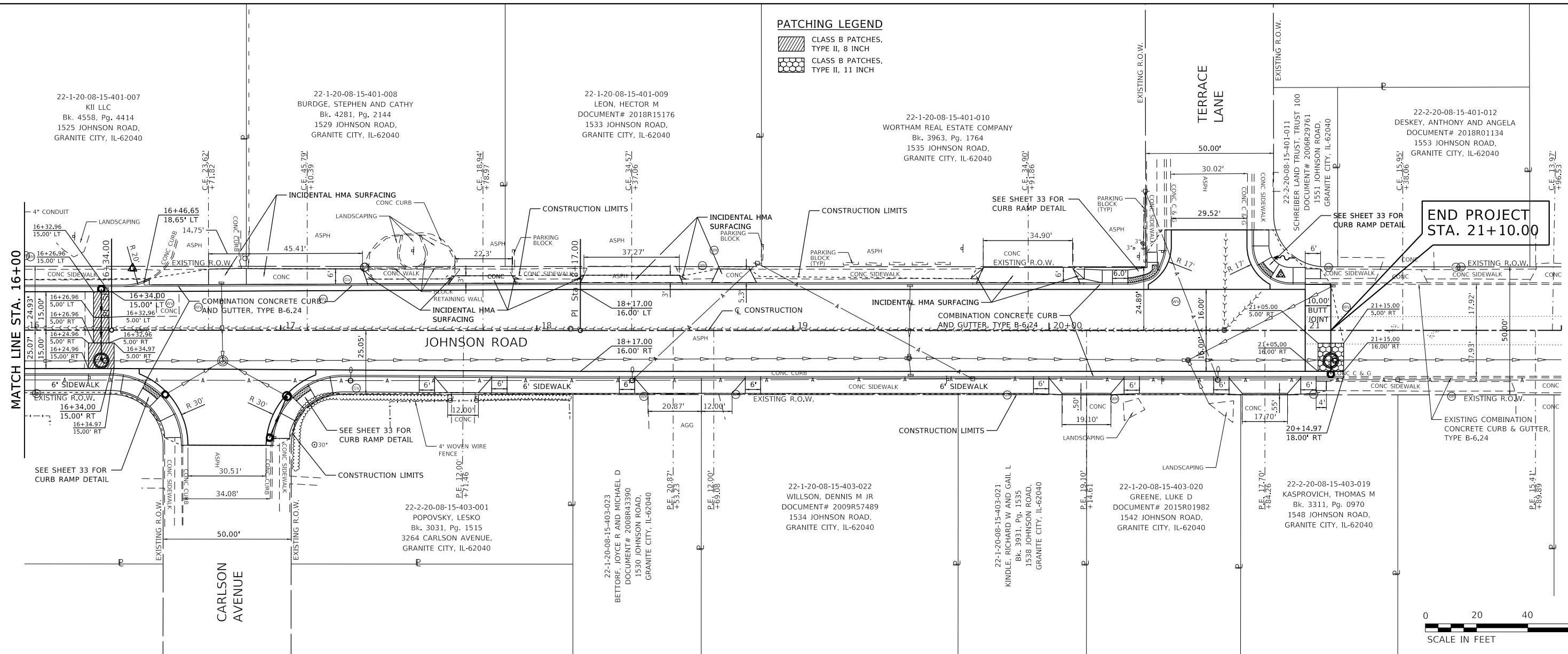


PATCHING LEGEND

-  CLASS B PATCHES, TYPE II, 8 INCH
-  CLASS B PATCHES, TYPE II, 11 INCH

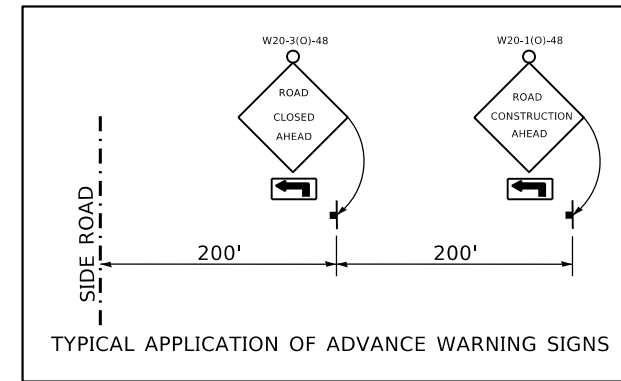
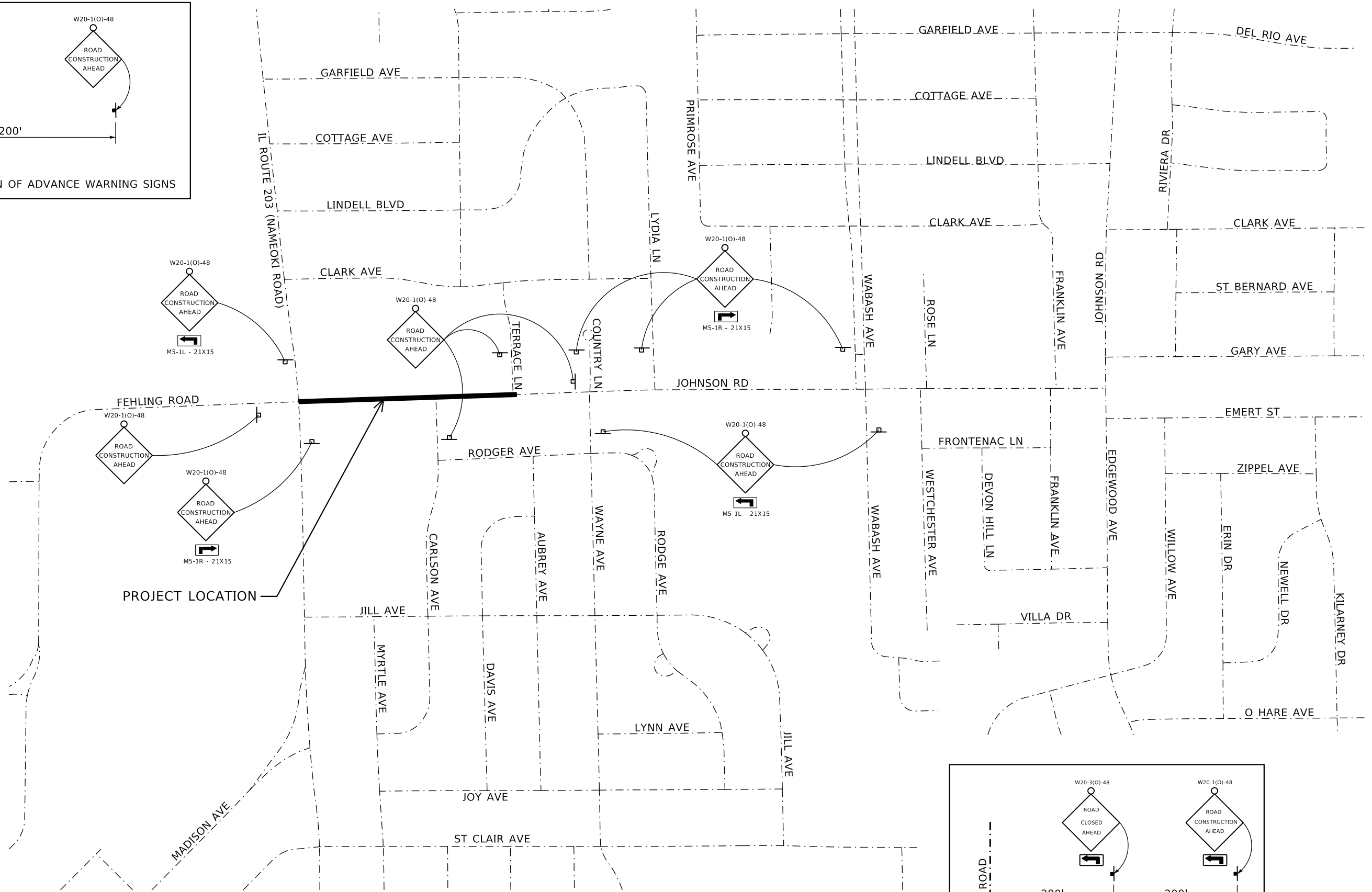
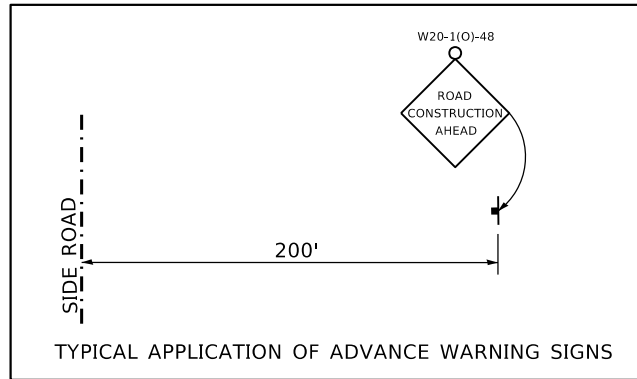
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	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	NO.	
	BY	
	DATE	



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 JUNEAU Job No. E170244

USER NAME = scott	DESIGNED - BFK	REVISED -	JOHNSON ROAD IMPROVEMENTS PHASE 1 GRANITE CITY, ILLINOIS	PLAN AND PROFILE		F.A.U. RT. 9083	SECTION 17-00197-00-R5	COUNTY MADISON	TOTAL SHEETS 47	SHEET NO. 18		
PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -		SCALE: 1"=20'	SHEET 2	OF 2 SHEETS	STA. 16+00.00	TO STA. 22+00.00	CONTRACT NO. 97745			
PLOT DATE = 5/27/2020	DATE - 04/21/20	REVISED -		ILLINOIS FED. AID PROJECT								



MODEL: D:\d\j\h\ Johnson Road Resurfacing\warning signs stage 16365.dgn
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 JUNEAU Job No. E170244

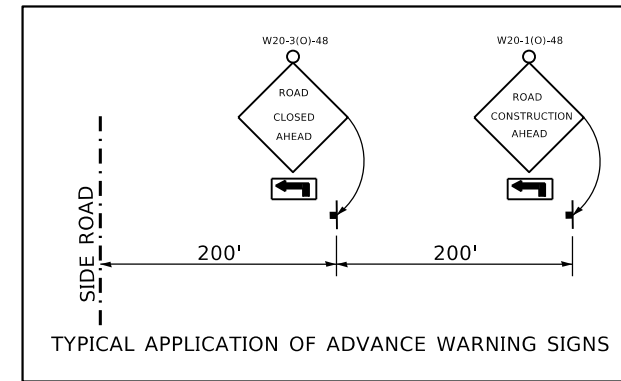
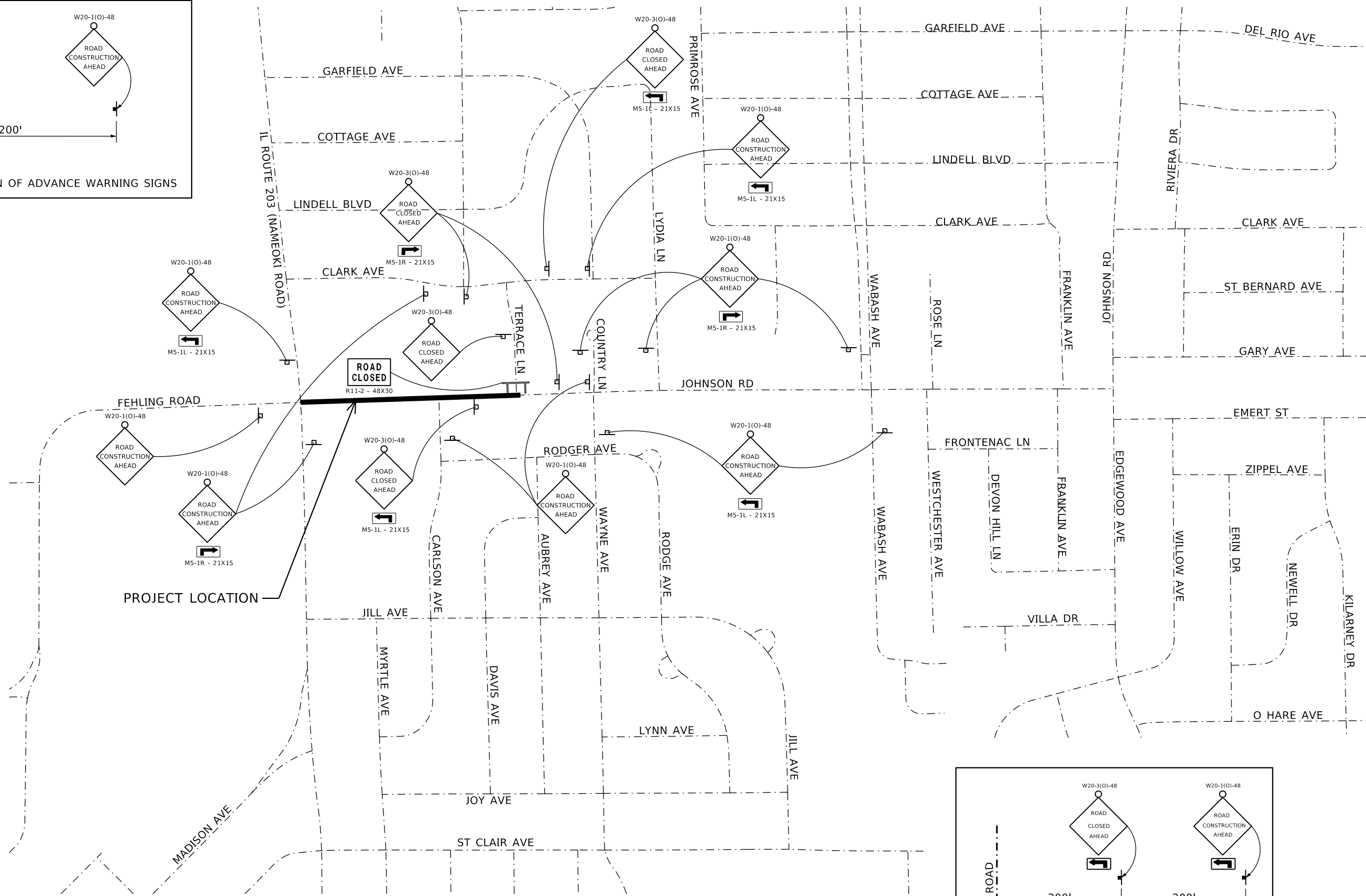
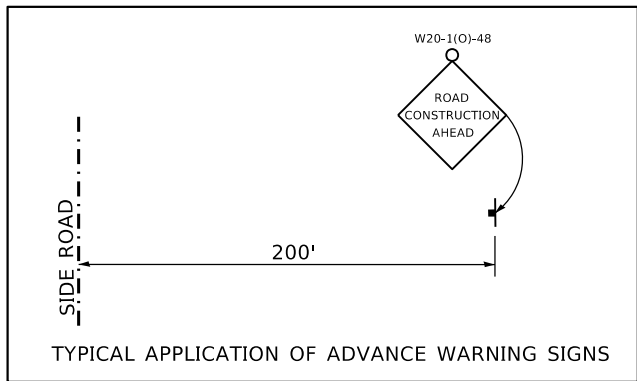
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DRAWN - JJB	REVISIONS -	
PLOT SCALE = 500.0000' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 5/27/2020	DATE - 5/15/20	REVISED -

JOHNSON ROAD IMPROVEMENTS
PHASE 1
GRANITE CITY, ILLINOIS

ADVANCED WARNING SIGNS
STAGE 1, 3 & 5 CONSTRUCTION

SCALE: NTS SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-RS	MADISON	47	19
CONTRACT NO. 97745				
		ILLINOIS	FED. AID PROJECT	



MODEL: D:\p\h\l...
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 JUNEAU Job No. E170244

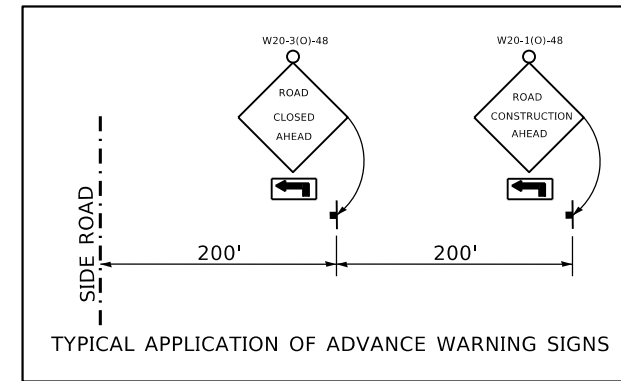
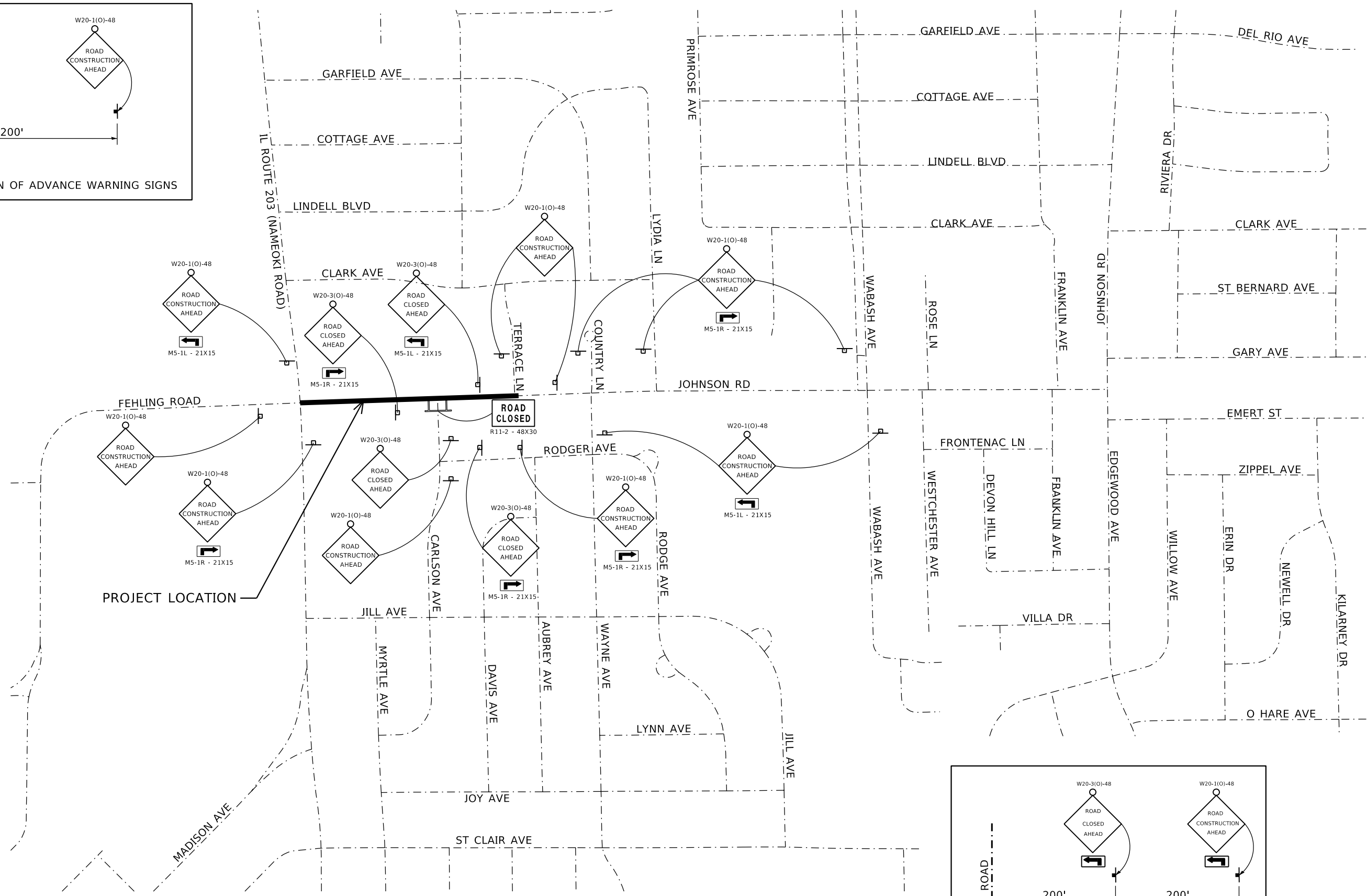
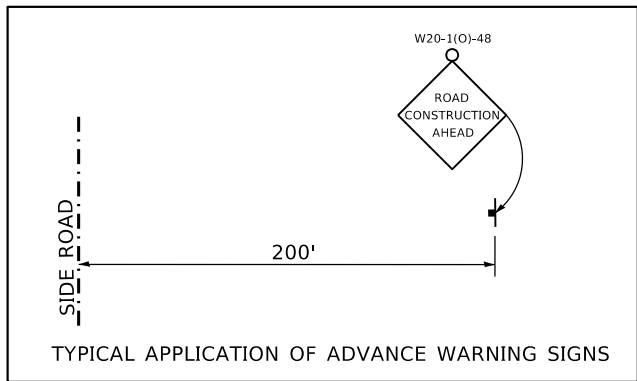
USER NAME = scott	DESIGNED - BFK	REVISED -
DRAWN - JJB	REVISIONS -	
PLOT SCALE = 500.0000' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 5/27/2020	DATE - 5/15/20	REVISED -

JOHNSON ROAD IMPROVEMENTS
PHASE 1
GRANITE CITY, ILLINOIS

ADVANCED WARNING SIGNS
STAGE 2 CONSTRUCTION

SCALE: NTS SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-RS	MADISON	47	20
CONTRACT NO. 97745				
ILLINOIS		FED. AID PROJECT		



MODEL: D:\p\h\l Johnson Road Resurfacing\warning signs stage 4.dgn
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 JUNEAU Job No. E170244

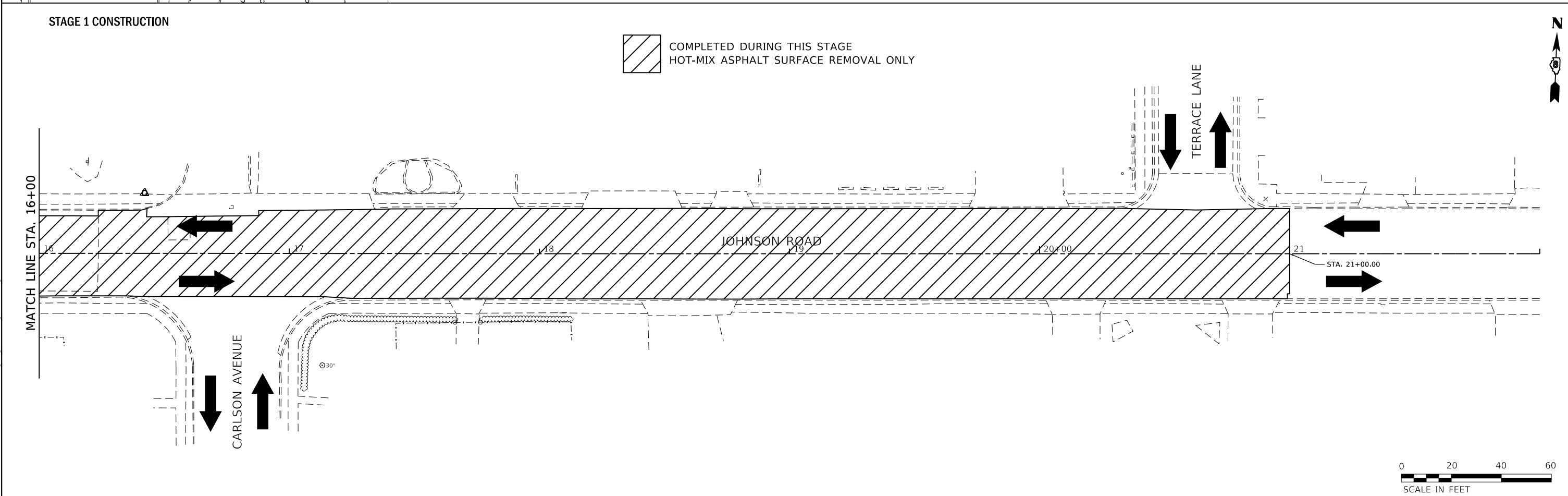
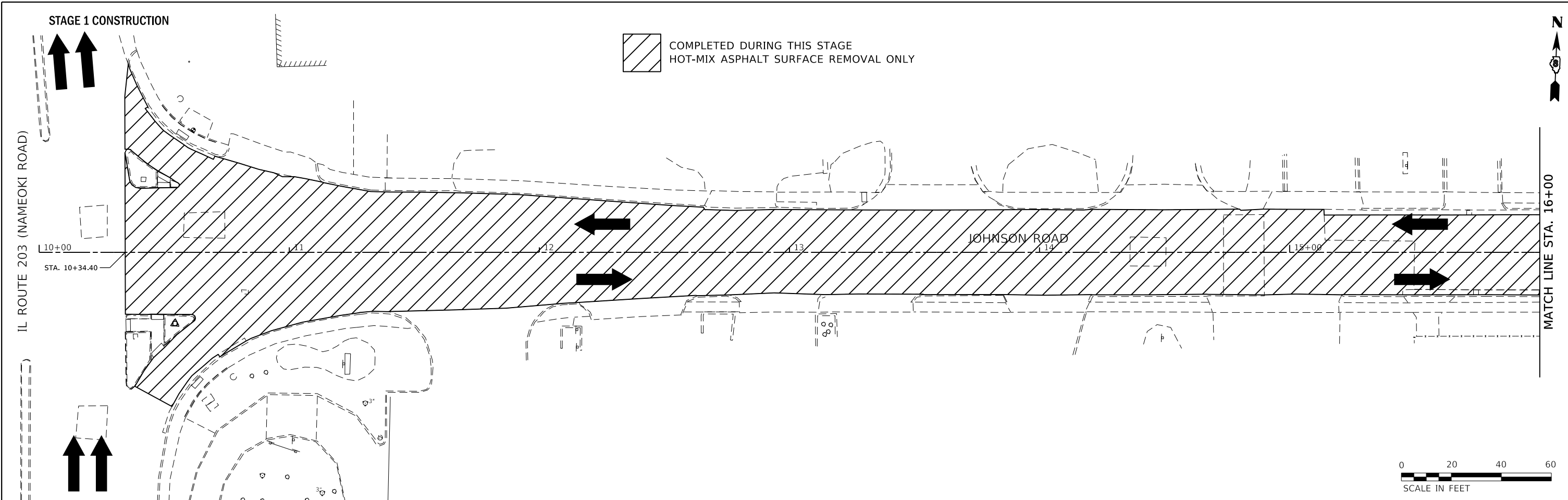
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DRAWN - JJB	REVISIONS -	
PLOT SCALE = 500.0000' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 5/27/2020	DATE - 5/15/20	REVISED -

**JOHNSON ROAD IMPROVEMENTS
 PHASE 1
 GRANITE CITY, ILLINOIS**

**ADVANCED WARNING SIGNS
 STAGE 4 CONSTRUCTION**

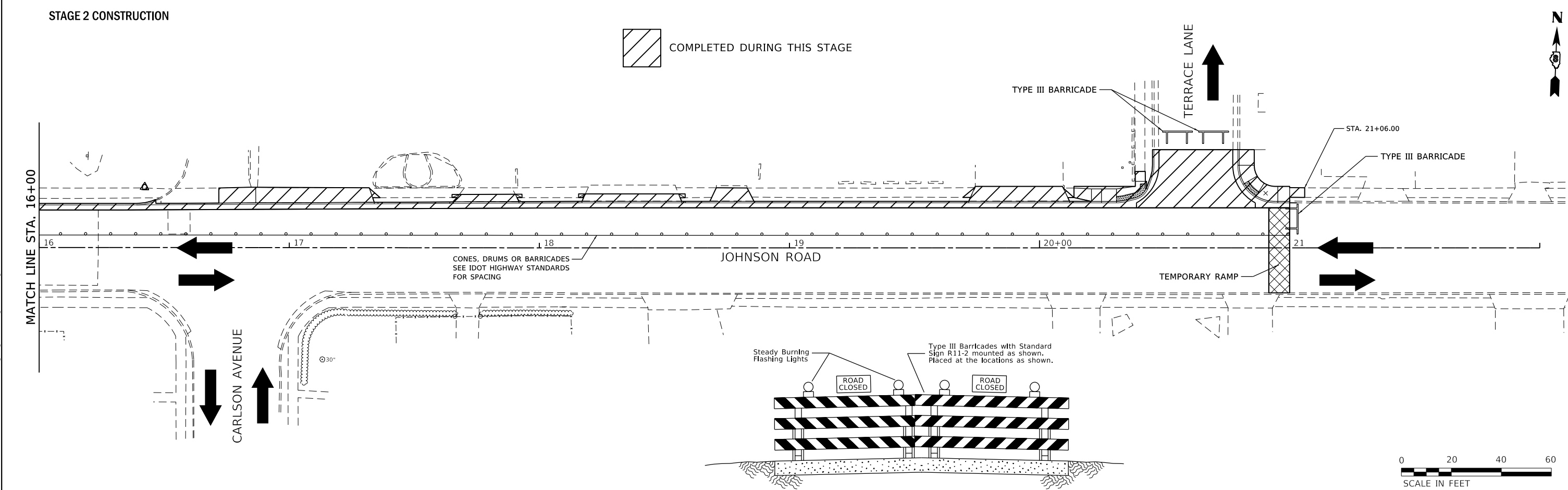
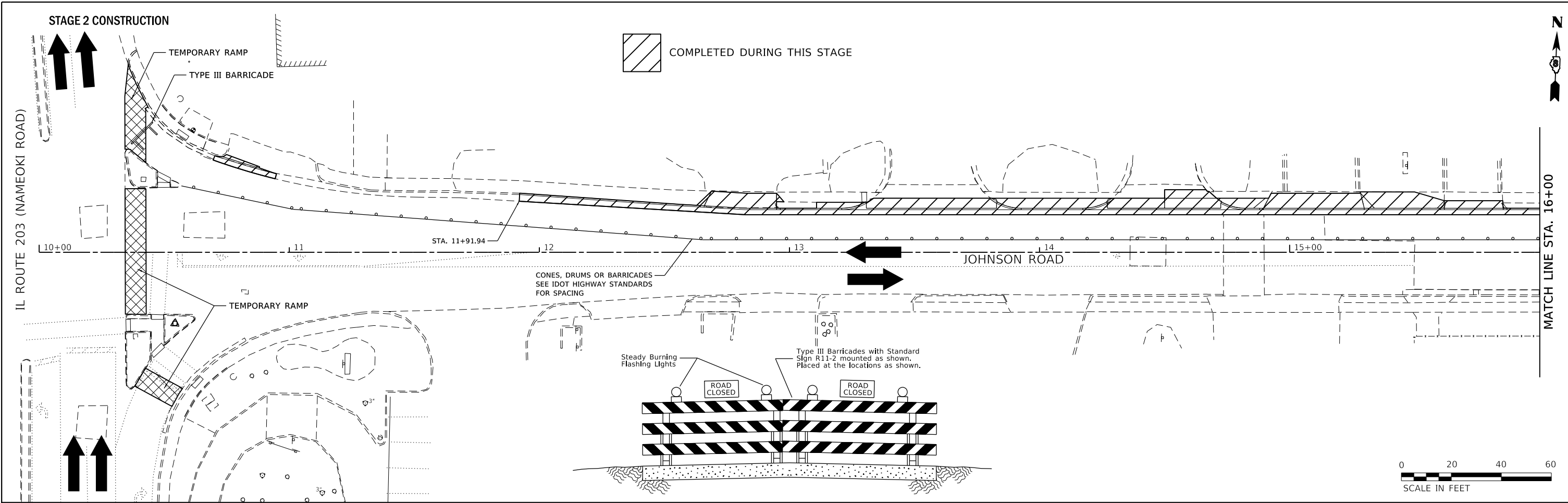
SCALE: NTS SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-RS	MADISON	47	21
CONTRACT NO. 97745				
ILLINOIS		FED. AID PROJECT		



MODEL: D:\p\j\j\juneau\17\170244 Johnson Road Resurfacing\stage1.dwg
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JUNEAU Job No. E170244	USER NAME = scott	DESIGNED - BFK	REVISED -	JOHNSON ROAD IMPROVEMENTS PHASE 1 GRANITE CITY, ILLINOIS	STAGE 1 CONSTRUCTION			F.A.U. RTE. 9083	SECTION 17-00197-00-RS	COUNTY MADISON	TOTAL SHEETS 47	SHEET NO. 22
	PLOT SCALE = 40.0000 ' / in.	CHECKED - BFK	REVISED -		SCALE: 1"=20'	SHEET 1	OF 1 SHEETS	STA. 10+00.00 TO STA. 22+00.00	CONTRACT NO. 97745		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 5/27/2020	DATE - 5/15/20	REVISED -									



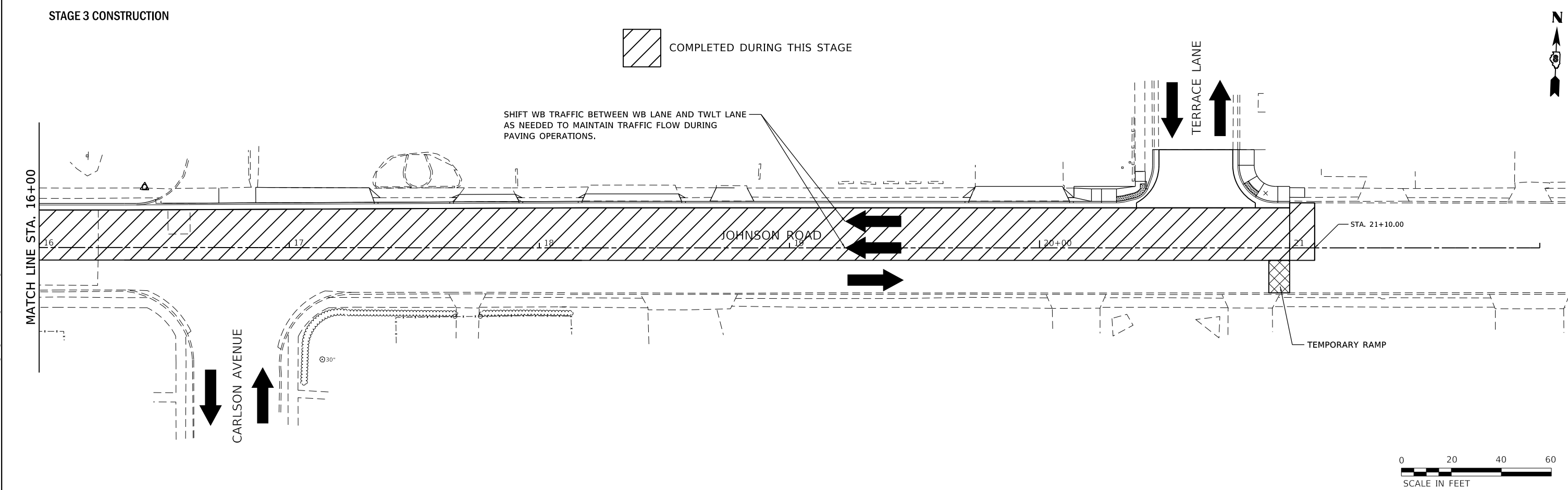
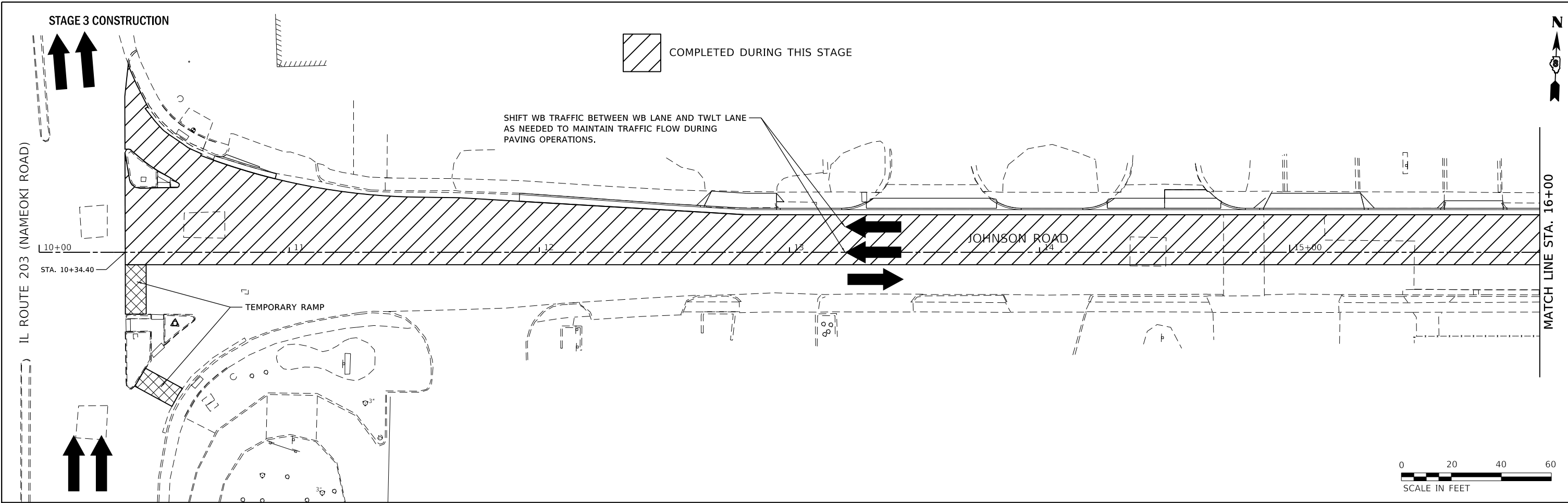
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USER NAME = scott	DESIGNED - BFK	REVISED -
DRAWN - JJB	REVISOR -	
PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 5/27/2020	DATE - 5/15/20	REVISED -

JOHNSON ROAD IMPROVEMENTS
PHASE 1
GRANITE CITY, ILLINOIS

STAGE 2 CONSTRUCTION	
SCALE: 1"=20'	SHEET 1 OF 1 SHEETS
STA. 10+00.00	TO STA. 22+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-RS	MADISON	47	23
CONTRACT NO. 97745				
ILLINOIS FED. AID PROJECT				



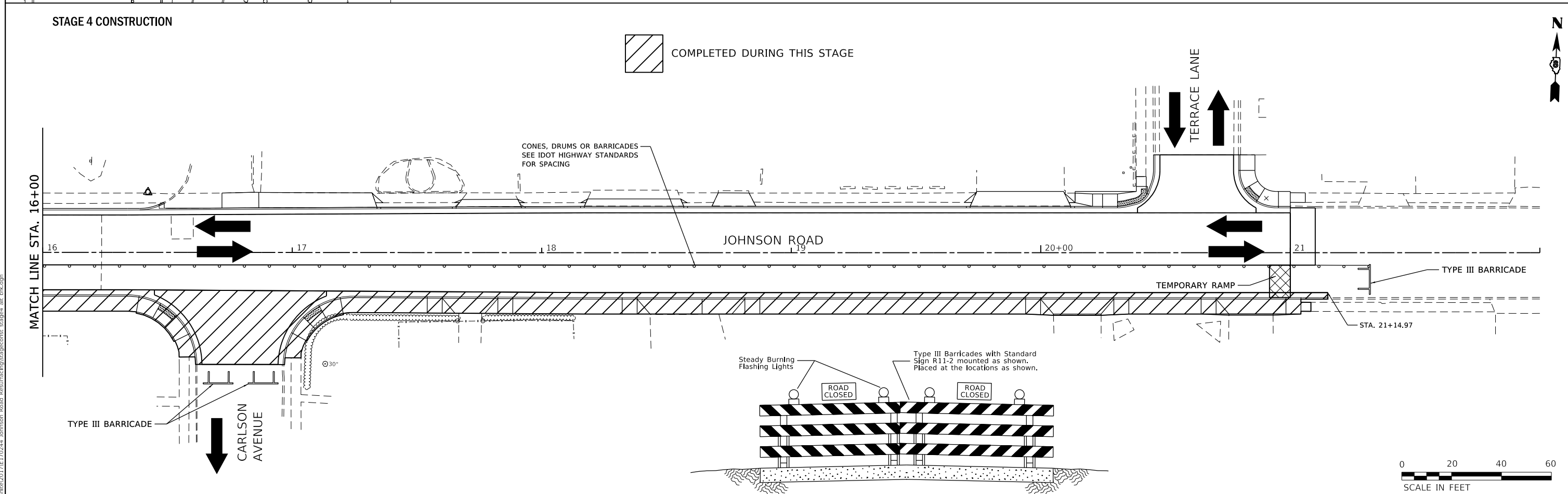
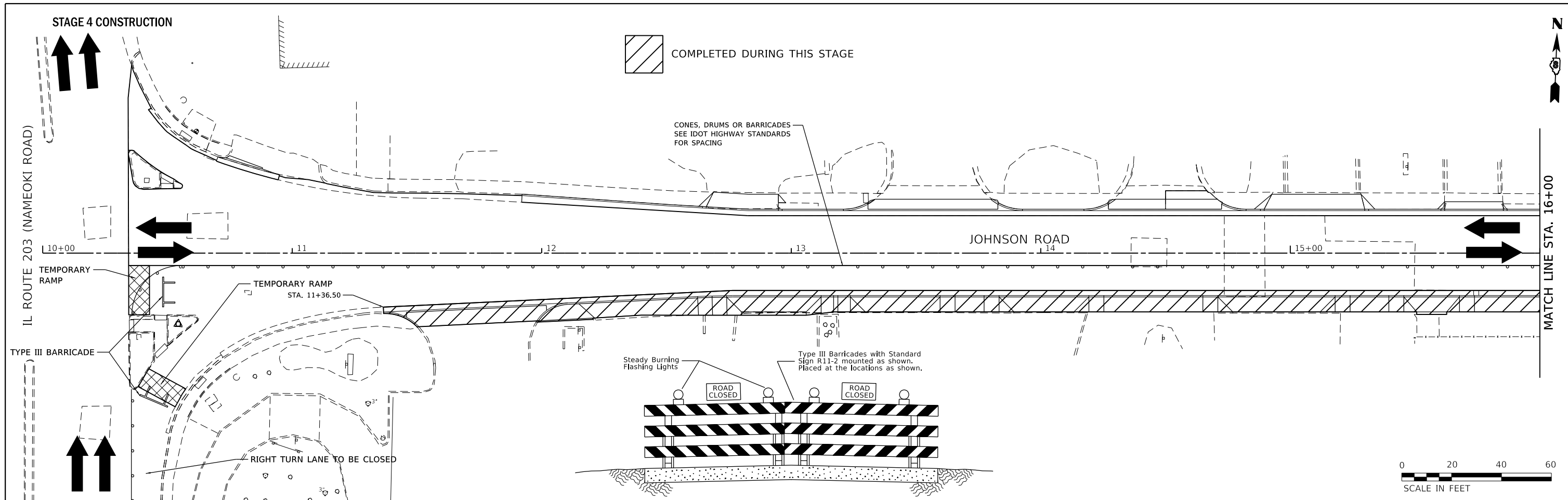
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 JUNEAU Job No. E170244

USER NAME = scott	DESIGNED - BFK	REVISED -
DRAWN - JJB	REVISIONS -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 5/27/2020	DATE - 5/15/20	REVISED -

JOHNSON ROAD IMPROVEMENTS
PHASE 1
GRANITE CITY, ILLINOIS

STAGE 3 CONSTRUCTION	
SCALE: 1"=20'	SHEET 1 OF 1 SHEETS
STA. 10+00.00	TO STA. 22+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-RS	MADISON	47	24
CONTRACT NO. 97745				
ILLINOIS FED. AID PROJECT				



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 JUNEAU Job No. E170244

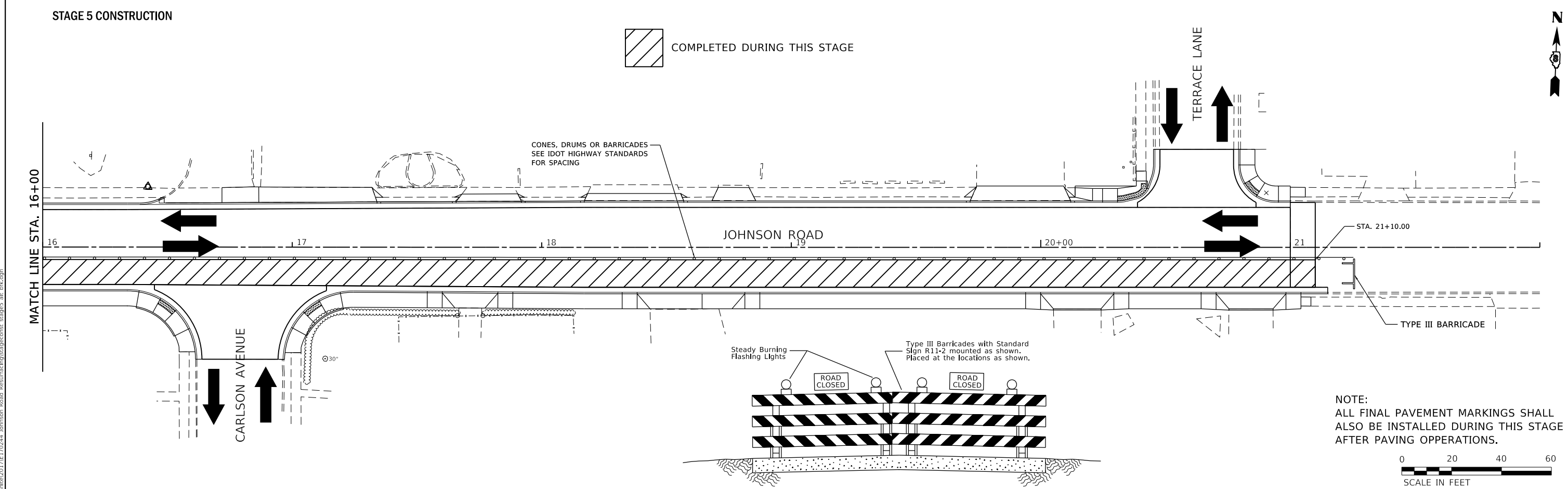
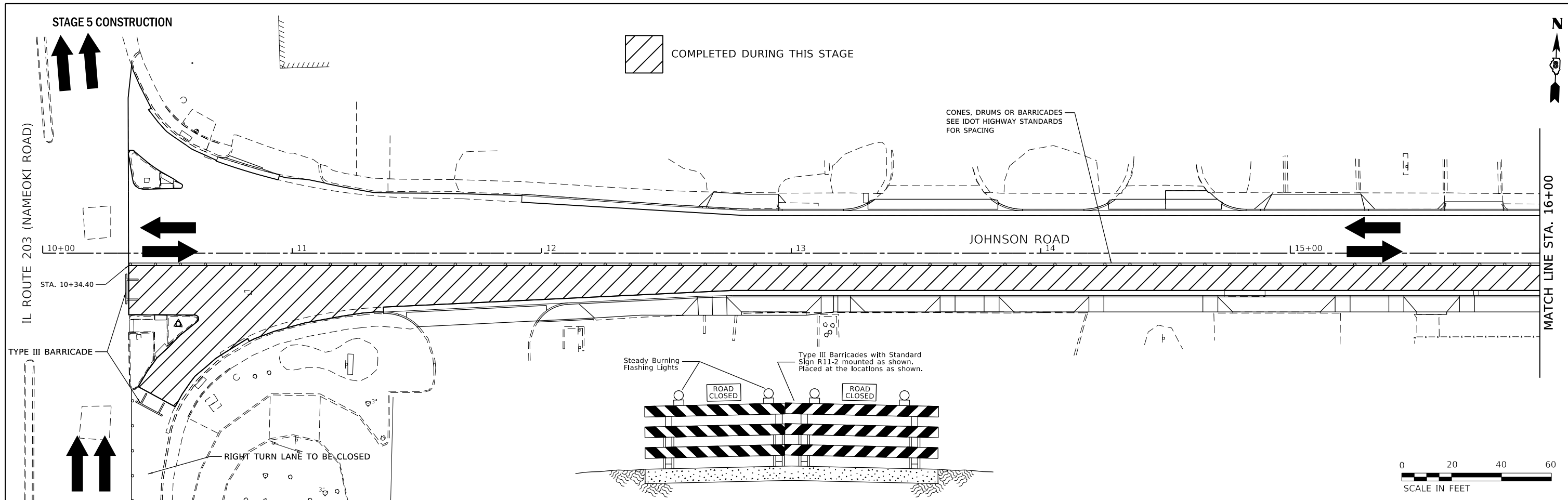
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PLOT SCALE = 40.0000' / in.	DRAWN - JJB	REVISED -
PLOT DATE = 5/27/2020	CHECKED - BFK	REVISED -
	DATE - 5/15/20	REVISED -

JOHNSON ROAD IMPROVEMENTS
PHASE 1
GRANITE CITY, ILLINOIS

STAGE 4 CONSTRUCTION

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 10+00.00 TO STA. 22+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-RS	MADISON	47	25
CONTRACT NO. 97745				
ILLINOIS FED. AID PROJECT				



NOTE:
ALL FINAL PAVEMENT MARKINGS SHALL
ALSO BE INSTALLED DURING THIS STAGE
AFTER PAVING OPERATIONS.

MODEL: D:\proj\170244 Johnson Road Resurfacing\stage5\stage5.dgn
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DRAWN - JJB	REVISIONS -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 5/27/2020	DATE - 5/15/20	REVISED -

JOHNSON ROAD IMPROVEMENTS
PHASE 1
GRANITE CITY, ILLINOIS

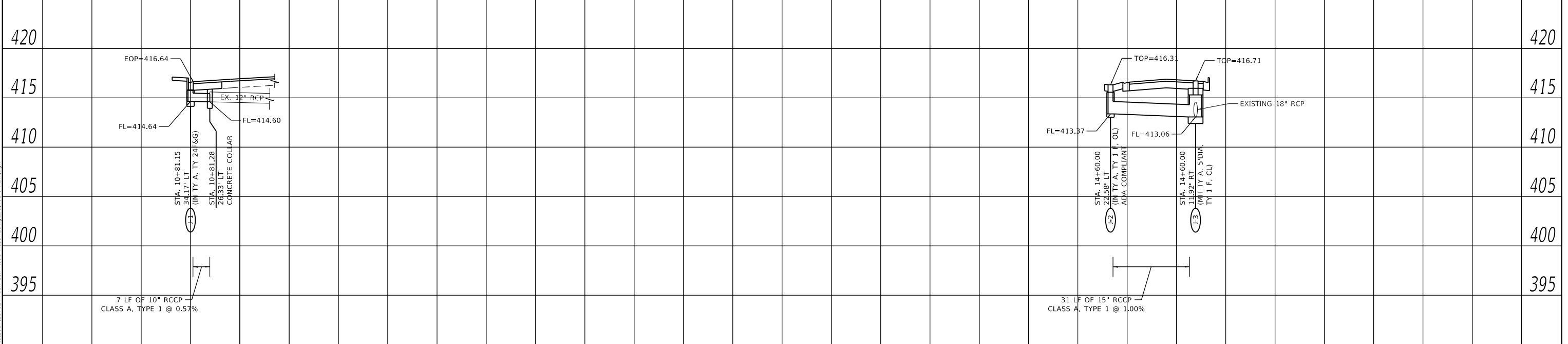
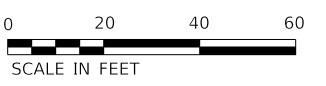
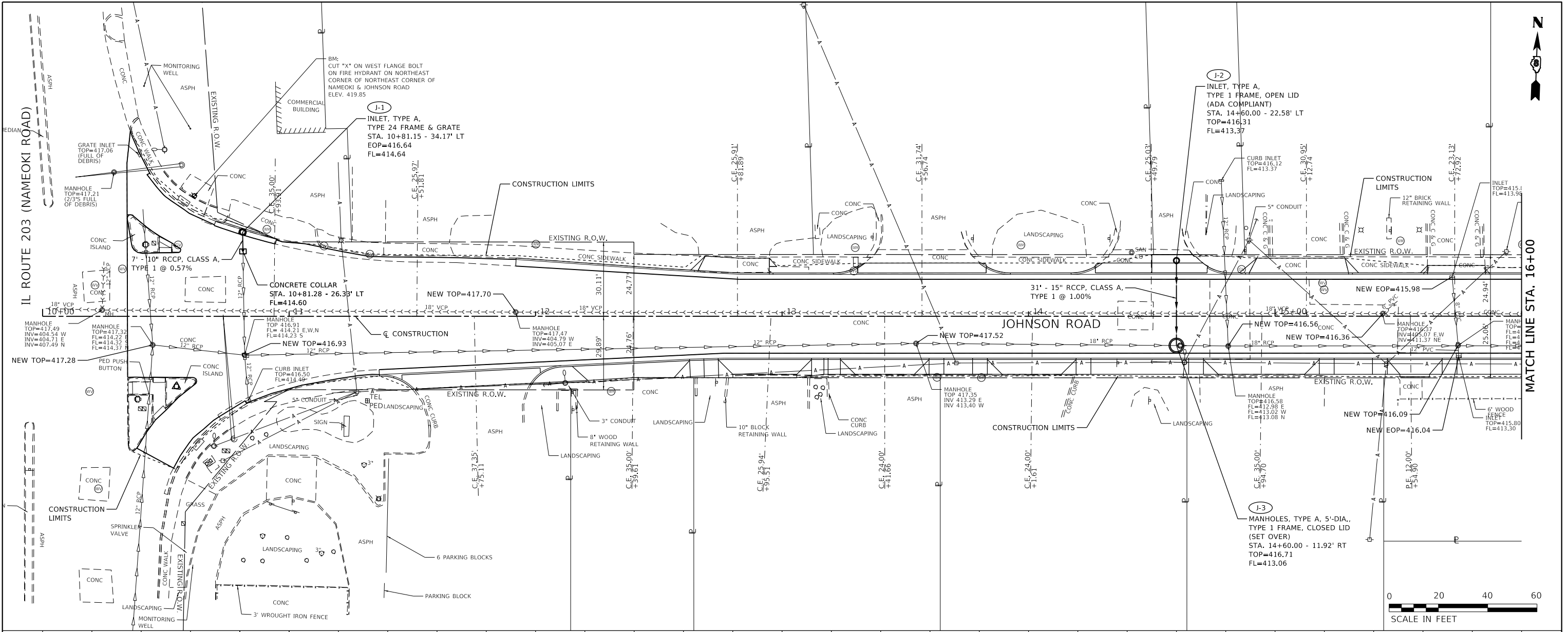
SCALE: 1"=20'		SHEET 1 OF 1 SHEETS		STA. 10+00.00 TO STA. 22+00.00	
STAGE 5 CONSTRUCTION					

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-RS	MADISON	47	26
CONTRACT NO. 97745			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	PLOTTED	DATE
	NO.		
	NO.		

PROFILE	SURVEYED	PLOTTED	DATE
	NO.		
	NO.		

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 JUNEAU Job No. E170244



USER NAME	DESIGNED	REVISIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
= scott	- JJB	-	9083	17-00197-00-RS	MADISON	47	27
	DATE	REVISIONS	CONTRACT NO. 97745				
PLOT SCALE = 40.0000' / in.	DATE	REVISIONS	ILLINOIS FED. AID PROJECT				
PLOT DATE = 5/27/2020	DATE	REVISIONS					

**JOHNSON ROAD IMPROVEMENTS
 PHASE 1
 GRANITE CITY, ILLINOIS**

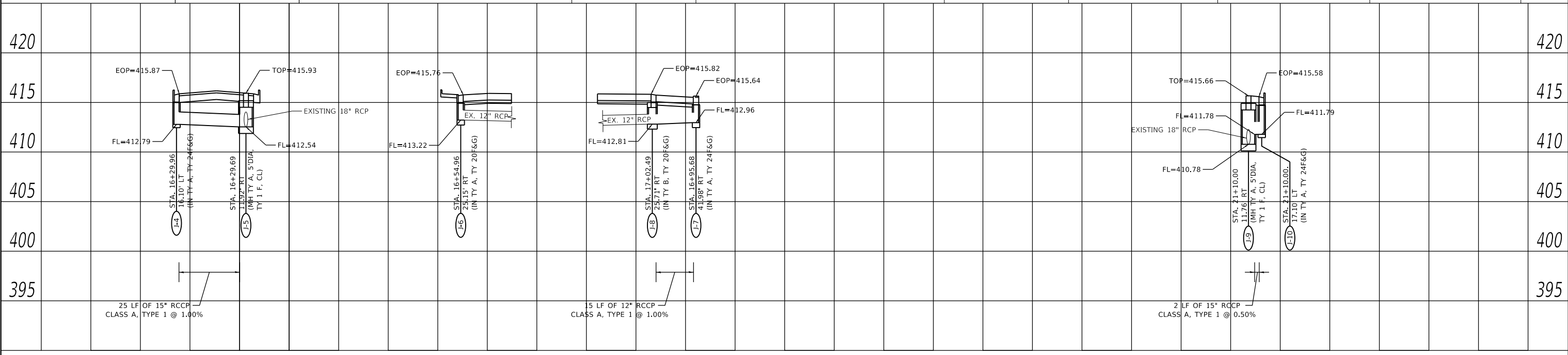
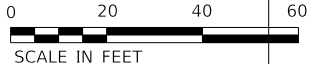
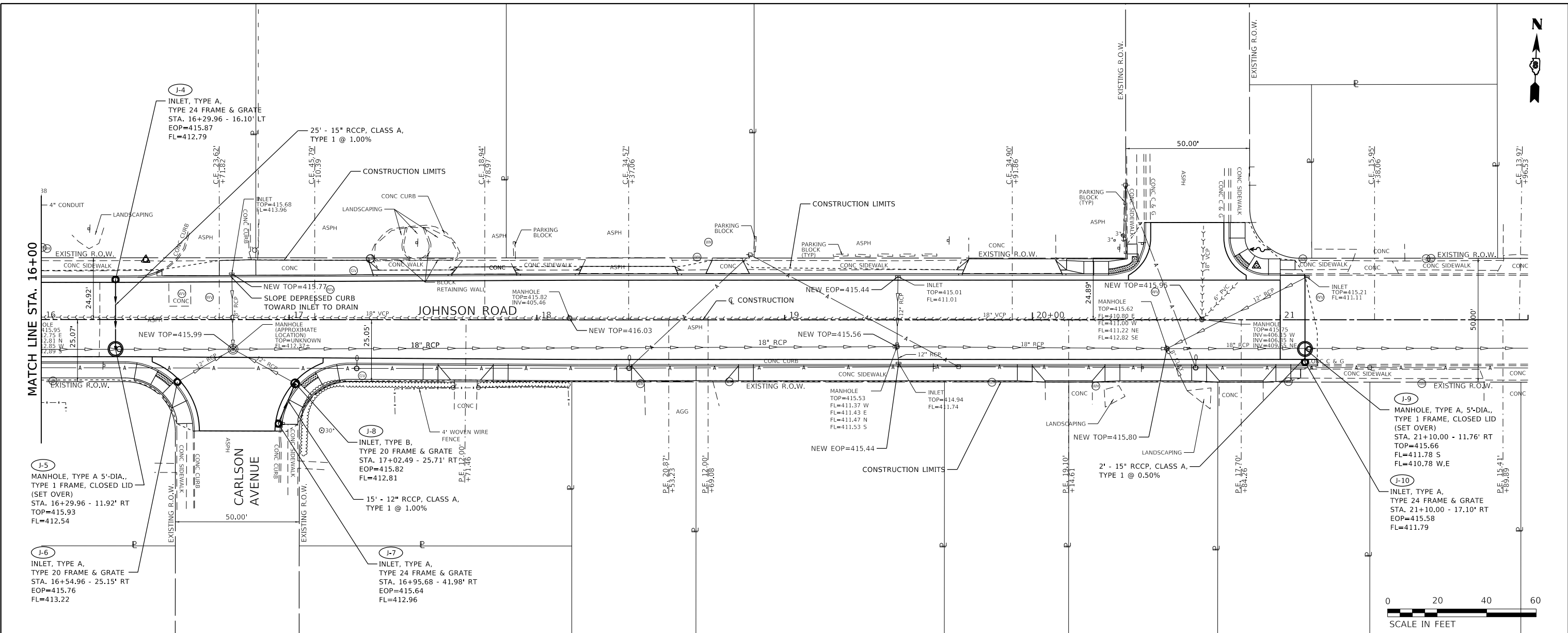
DRAINAGE PLAN AND PROFILE

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. 10+00.00 TO STA. 16+00.00

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

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES
	CHECKED
	STRUCTURE
	NOTATION
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	NO.
	NO.
	NO.

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 JUNEAU Job No. E170244



USER NAME	= scott
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DRAWN	- JJB
CHECKED	- BFK
DATE	- 5/15/20

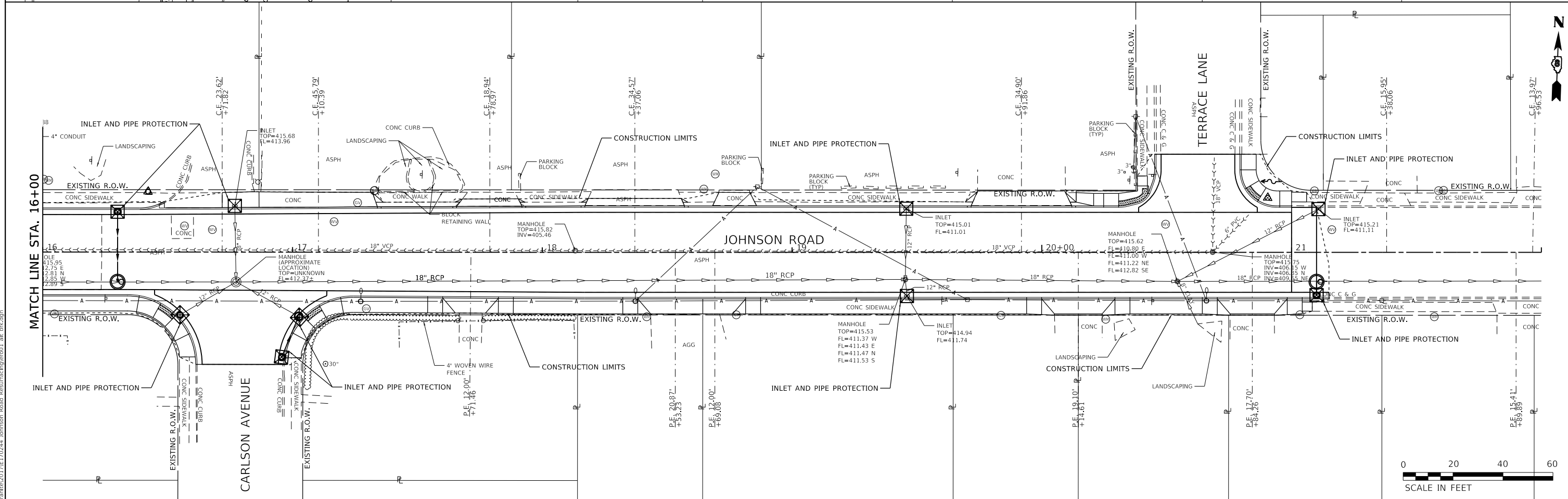
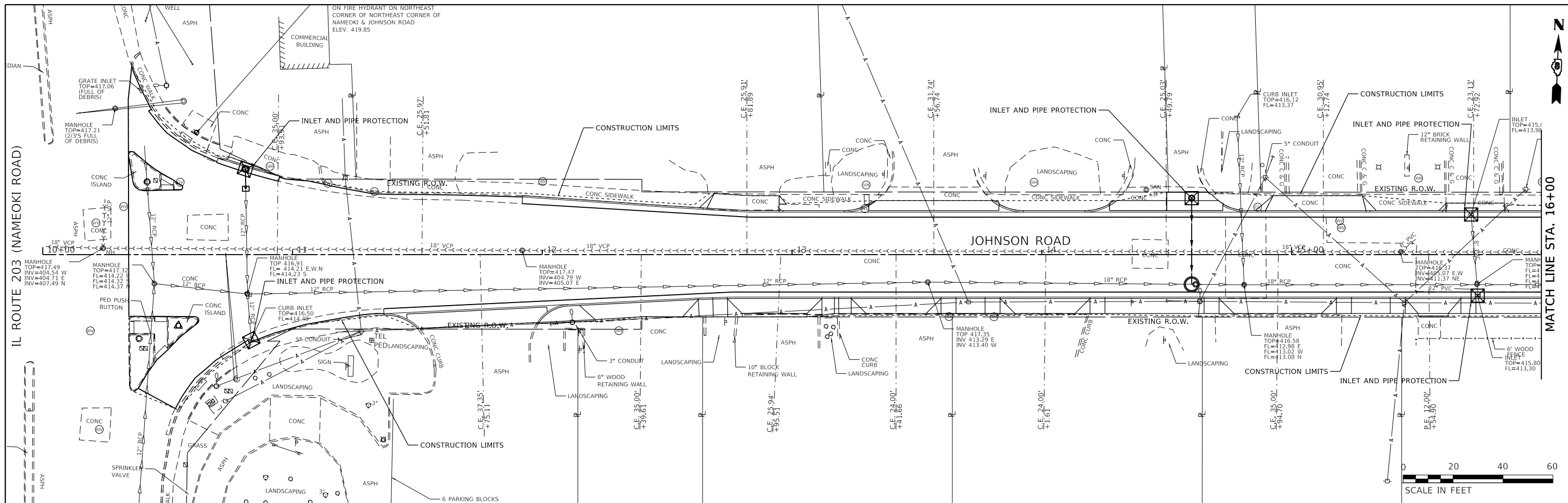
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**JOHNSON ROAD IMPROVEMENTS
 PHASE 1
 GRANITE CITY, ILLINOIS**

DRAINAGE PLAN AND PROFILE

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 16+00.00 TO STA. 22+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-RS	MADISON	47	28
				CONTRACT NO. 97745
				ILLINOIS FED. AID PROJECT



**JOHNSON ROAD IMPROVEMENTS
PHASE 1
GRANITE CITY, ILLINOIS**

EROSION CONTROL

USER NAME = scott	DESIGNED - BFK	REVISED -
	DRAWN - JJB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 5/27/2020	DATE - 5/15/20	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-RS	MADISON	47	29
CONTRACT NO. 97745				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. 10+00.00 TO STA. 22+00.00

MODEL: D:\cadd\ Johnson Road Recurf\topog\topo01.dwg
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JUNEAU Job No. E170244



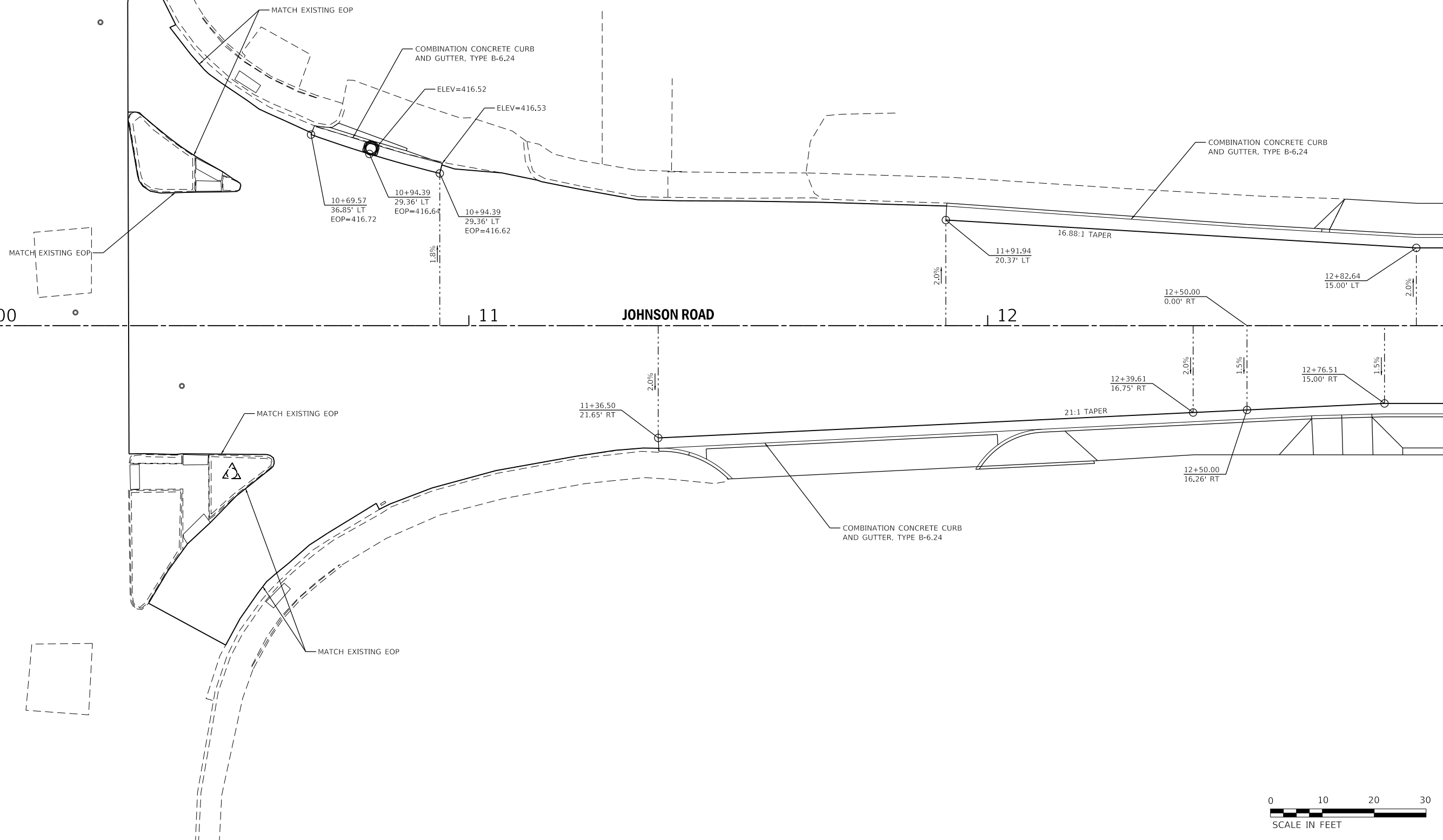
IL ROUTE 203 (NAMEOKI ROAD)

10+00

11

JOHNSON ROAD

12



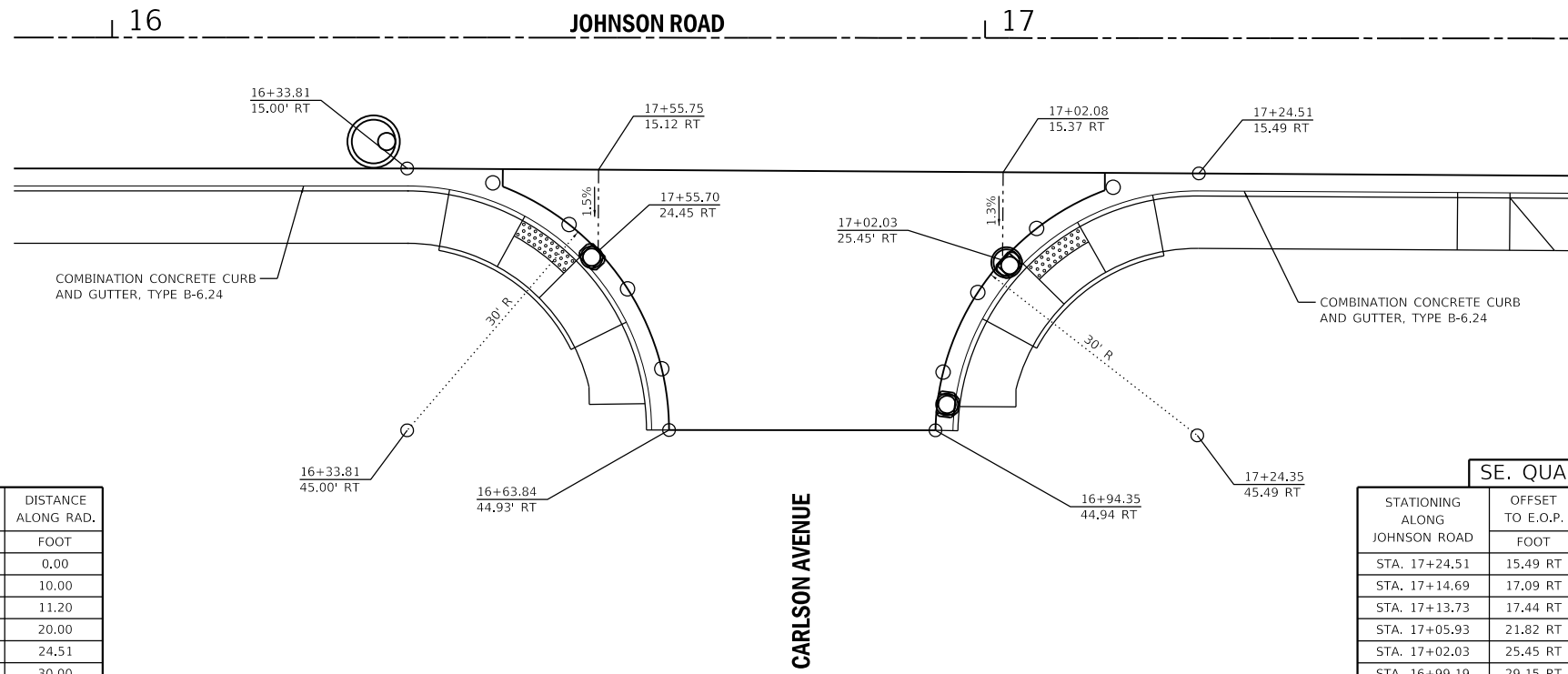
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 JUNEAU Job No. E170244

USER NAME = scott	DESIGNED - JJB	REVISED -
	DRAWN - JJB	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 5/27/2020	DATE - 5/15/20	REVISED -

**JOHNSON ROAD IMPROVEMENT
 PHASE 1
 GRANITE CITY, ILLINOIS**

GEOMETRICS			
SCALE: 1"=10'	SHEET 1	OF 2 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-RS	MADISON	47	30
CONTRACT NO. 97745			ILLINOIS FED. AID PROJECT	



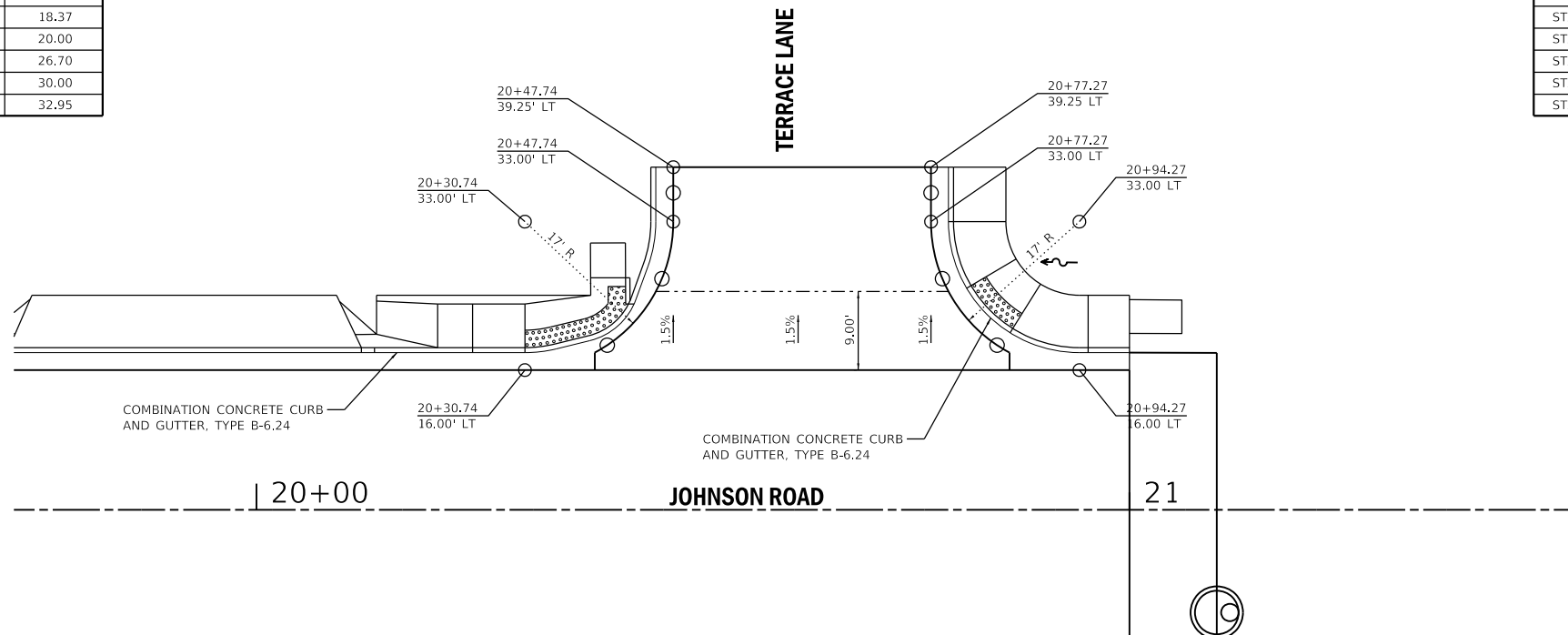
SW. QUADRANT			
STATIONING ALONG JOHNSON ROAD	OFFSET TO E.O.P.	E.O.P. ELEVATION	DISTANCE ALONG RAD.
	FOOT	FOOT	FOOT
STA. 16+33.81	15.00 RT	415.88	0.00
STA. 16+43.64	16.64 RT	415.83	10.00
STA. 16+44.77	17.06 RT	415.83	11.20
STA. 16+52.37	21.41 RT	415.78	20.00
STA. 16+55.70	24.45 RT	415.76	24.51
STA. 16+59.07	28.77 RT	415.80	30.00
STA. 16+63.00	37.92 RT	415.88	40.00
STA. 16+63.84	44.93 RT	415.93	47.08

SE. QUADRANT			
STATIONING ALONG JOHNSON ROAD	OFFSET TO E.O.P.	E.O.P. ELEVATION	DISTANCE ALONG RAD.
	FOOT	FOOT	FOOT
STA. 17+24.51	15.49 RT	415.95	0.00
STA. 17+14.69	17.09 RT	415.90	10.00
STA. 17+13.73	17.44 RT	415.90	11.02
STA. 17+05.93	21.82 RT	415.85	20.00
STA. 17+02.03	25.45 RT	415.82	25.34
STA. 16+99.19	29.15 RT	415.77	30.00
STA. 16+95.23	38.28 RT	415.67	40.00
STA. 16+94.57	41.85 RT	415.64	43.63
STA. 16+94.35	44.94 RT	415.67	46.74



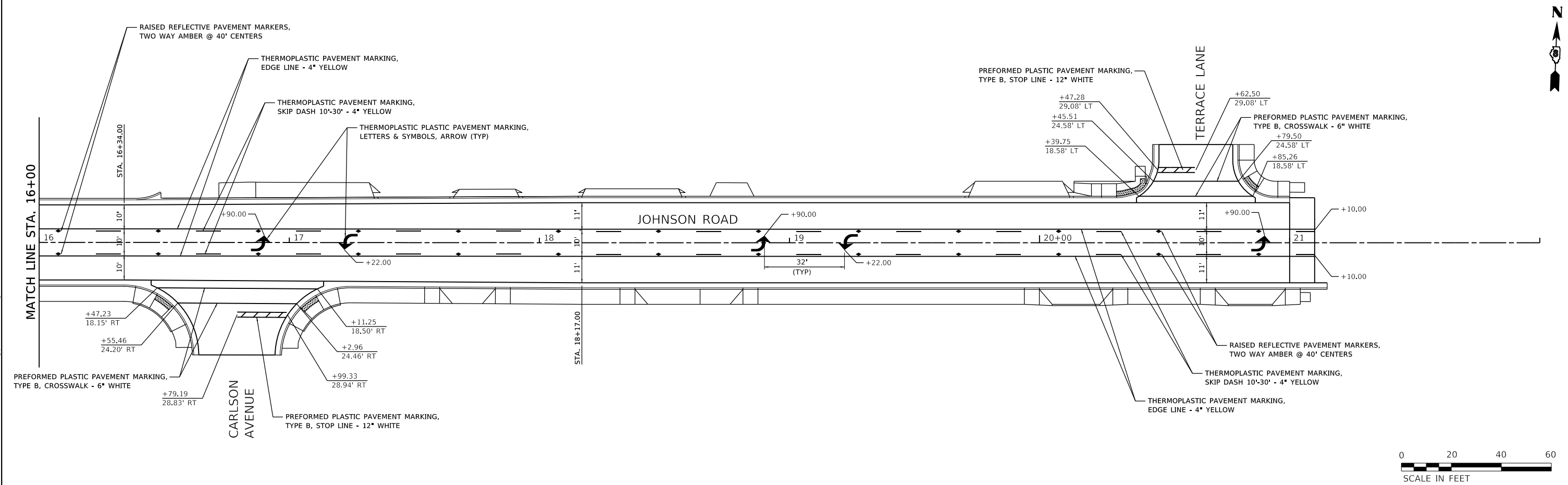
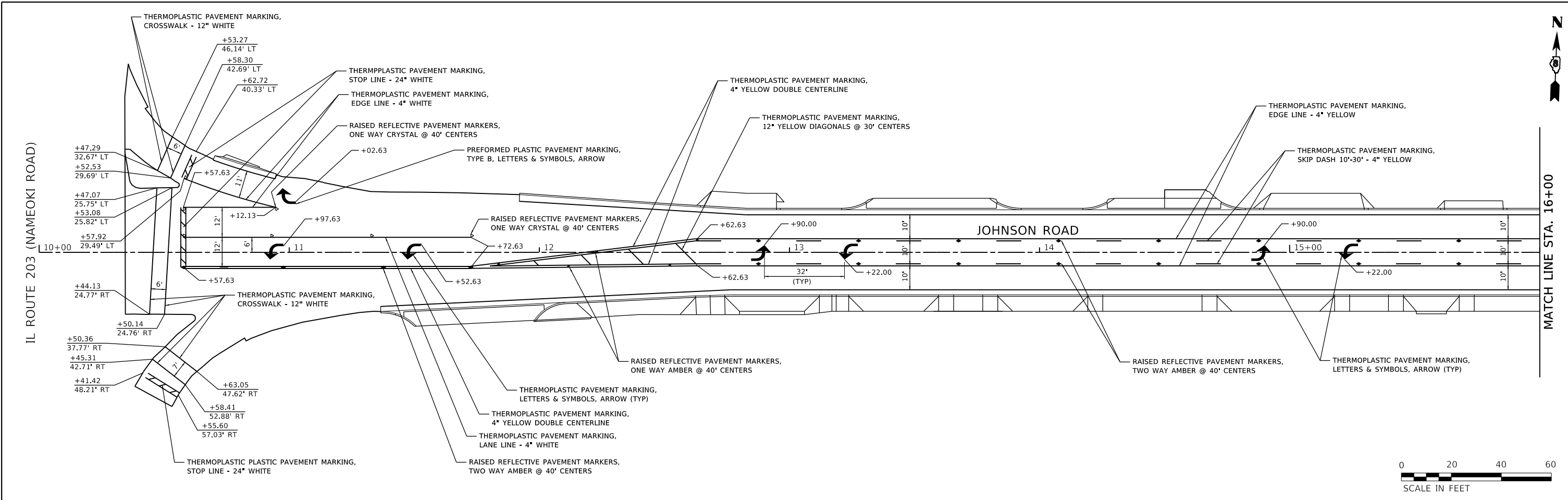
NW. QUADRANT			
STATIONING ALONG JOHNSON ROAD	OFFSET TO E.O.P.	E.O.P. ELEVATION	DISTANCE ALONG RAD.
	FOOT	FOOT	FOOT
STA. 20+30.74	16.00 LT	415.65	0.00
STA. 20+38.75	18.00 LT	415.59	8.33
STA. 20+40.18	18.86 LT	415.57	10.00
STA. 20+45.74	25.00 LT	415.51	18.37
STA. 20+46.44	26.47 LT	415.46	20.00
STA. 20+47.74	33.00 LT	415.26	26.70
STA. 20+47.74	36.30 LT	415.16	30.00
STA. 20+47.74	39.25 LT	415.07	32.95

NE. QUADRANT			
STATIONING ALONG JOHNSON ROAD	OFFSET TO E.O.P.	E.O.P. ELEVATION	DISTANCE ALONG RAD.
	FOOT	FOOT	FOOT
STA. 20+94.27	16.00 LT	415.58	0.00
STA. 20+86.27	18.00 LT	415.53	8.33
STA. 20+84.83	18.86 LT	415.52	10.00
STA. 20+79.27	25.00 LT	415.47	18.37
STA. 20+78.57	26.47 LT	415.42	20.00
STA. 20+77.27	33.00 LT	415.21	26.70
STA. 20+77.27	36.30 LT	415.10	30.00
STA. 20+77.27	39.25 LT	415.01	32.95



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 JUNEAU Job No. E170244

USER NAME = scott	DESIGNED - JJB	REVISED -	JOHNSON ROAD IMPROVEMENTS PHASE 1 GRANITE CITY, ILLINOIS	GEOMETRICS		F.A.U. RTE. 9083	SECTION 17-00197-00-RS	COUNTY MADISON	TOTAL SHEETS 47	SHEET NO. 31	
DRAWN - JJB	CHECKED - BFK	REVISED -		SCALE: 1"=10'	SHEET 2 OF 2 SHEETS	STA. TO STA.	CONTRACT NO. 97745				
PLOT SCALE = 20.0000' / in.	DATE - 5/15/20	REVISED -		ILLINOIS FED. AID PROJECT							
PLOT DATE = 5/27/2020											



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 JUNEAU Job No. E170244

USER NAME = scott	DESIGNED - BFK	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - JJB	REVISED -
PLOT DATE = 5/27/2020	CHECKED - BFK	REVISED -
	DATE - 5/15/20	REVISED -

**JOHNSON ROAD IMPROVEMENTS
 PHASE 1
 GRANITE CITY, ILLINOIS**

SCALE: 1"=20'		SHEET 1 OF 1 SHEETS		STA. 10+00.00 TO STA. 22+00.00	
		PAVEMENT MARKING			

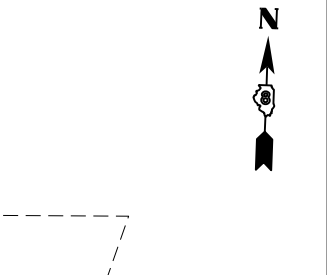
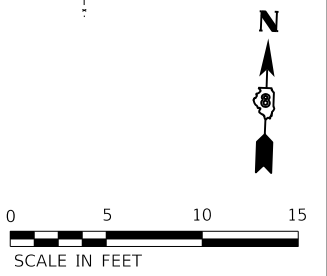
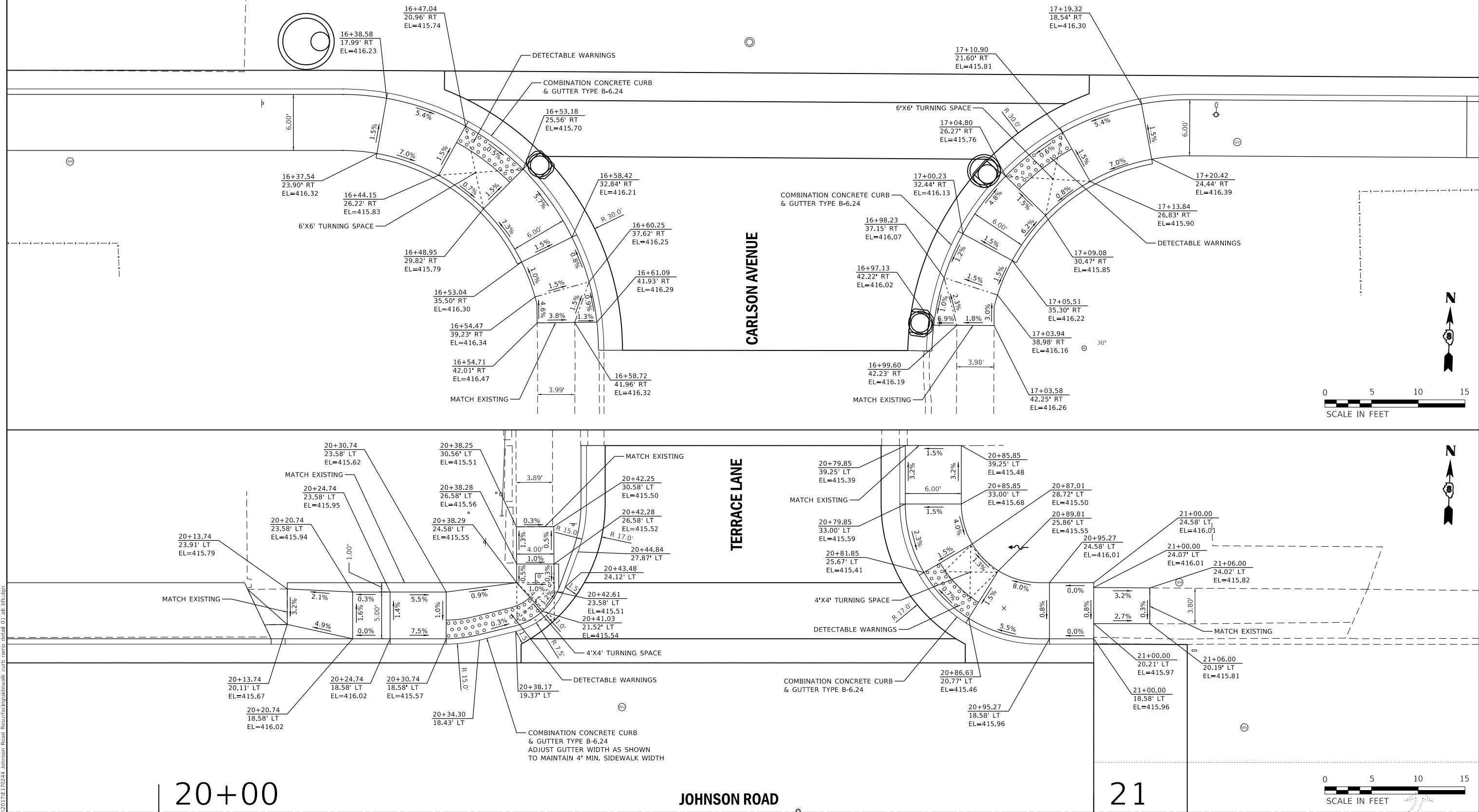
F.A.U. RTE. 9083	SECTION 17-00197-00-R5	COUNTY MADISON	TOTAL SHEETS 47	SHEET NO. 32
CONTRACT NO. 97745				
ILLINOIS FED. AID PROJECT				

JOHNSON ROAD

CARLSON AVENUE

TERRACE LANE

JOHNSON ROAD



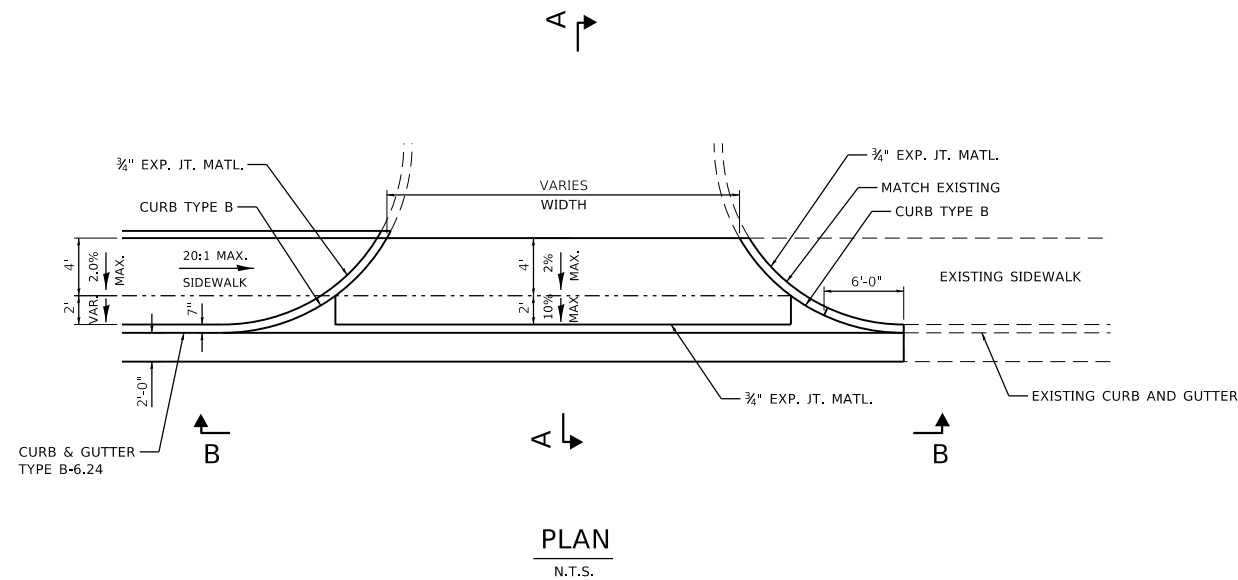
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 JUNEAU Job No. E170244

USER NAME = scott	DESIGNED - JJB	REVISED -
DRAWN - JJB	REVISED -	
PLOT SCALE = 10.0000' / in.	CHECKED - BFK	REVISED -
PLOT DATE = 5/27/2020	DATE - 5/15/20	REVISED -

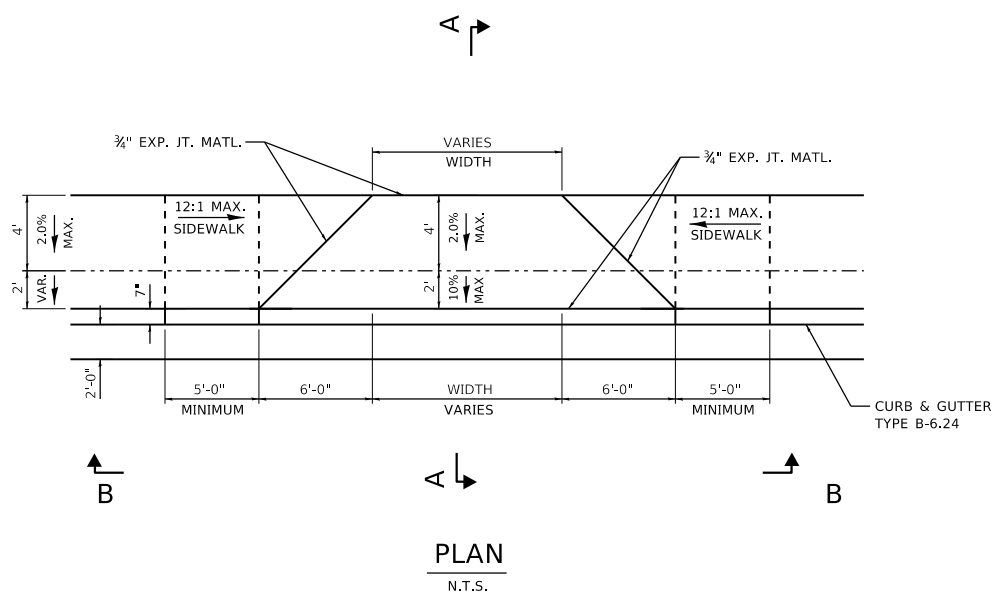
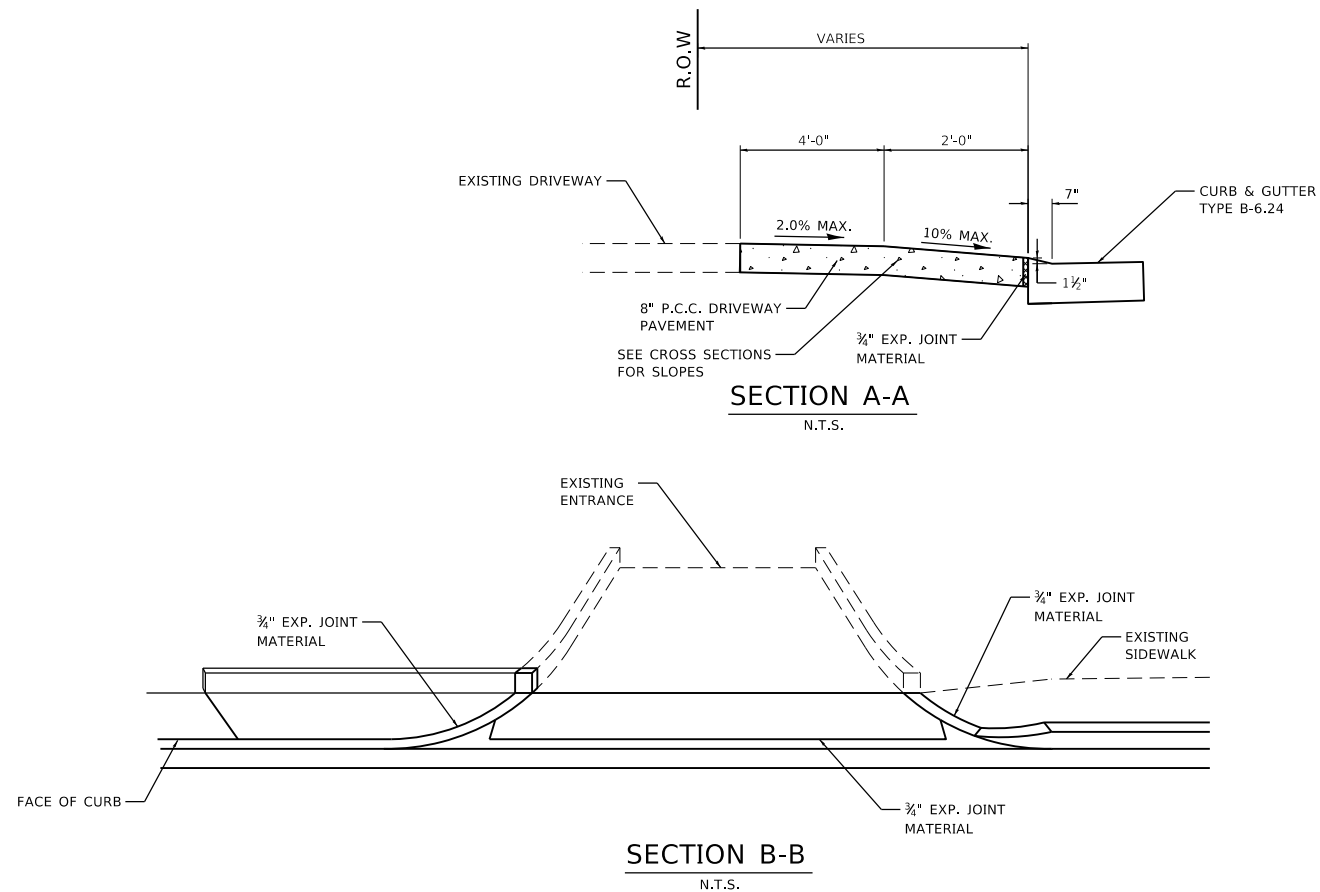
JOHNSON ROAD IMPROVEMENTS
PHASE 1
GRANITE CITY, ILLINOIS

SIDEWALK CURB RAMP DETAILS	
SCALE: 1"=5'	SHEET 1 OF 1 SHEETS STA. TO STA.

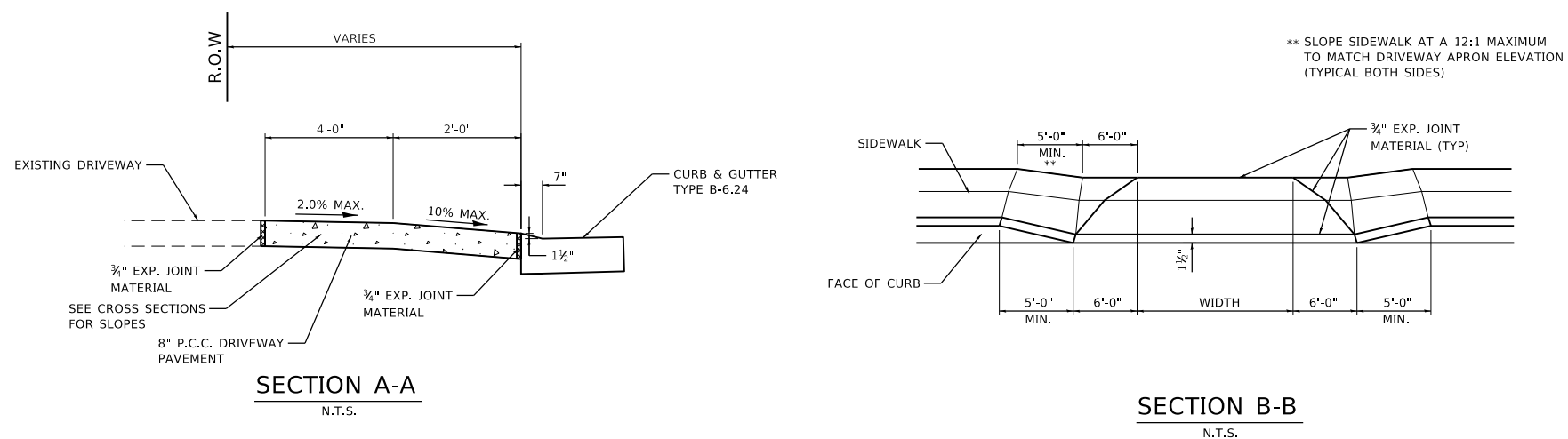
F.A.U. RTE. 9083	SECTION 17-00197-00-RS	COUNTY MADISON	TOTAL SHEETS 47	SHEET NO. 33
CONTRACT NO. 97745				
ILLINOIS FED. AID PROJECT				



**DRIVEWAY ENTRANCE DETAIL (C.E.)
WITH ADJACENT SIDEWALK**
STA. 11+75.11 RT



**DRIVEWAY ENTRANCE DETAIL (C.E.)
WITH ADJACENT SIDEWALK**
STA. 12+39.61 RT
STA. 13+41.66 RT
STA. 14+01.61 RT
STA. 14+94.70 RT



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

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	DATE -	REVISED -

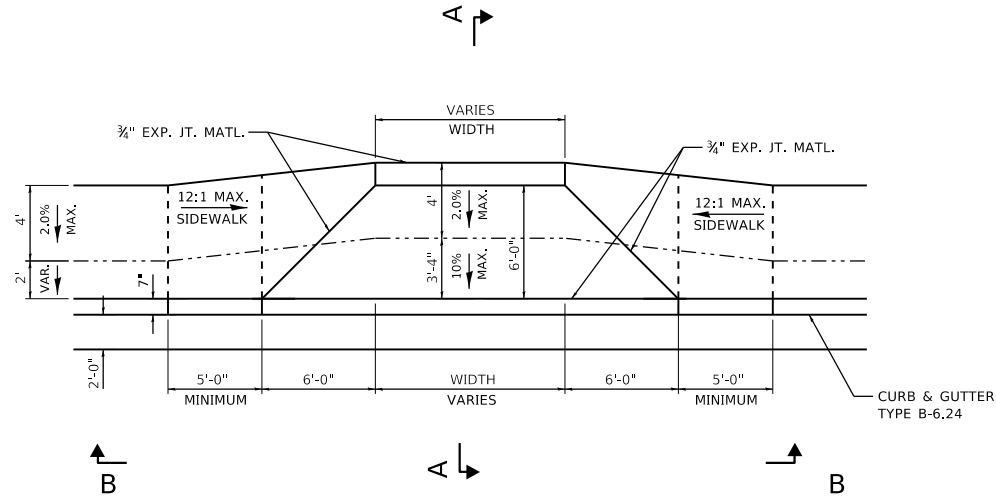
**JOHNSON ROAD IMPROVEMENTS
PHASE 1
GRANITE CITY, ILLINOIS**

ENTRANCE DETAILS

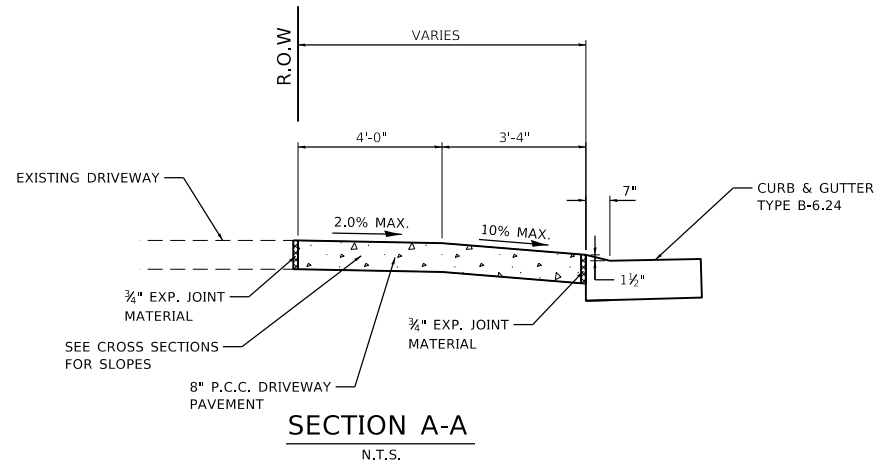
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 97745				
ILLINOIS FED. AID PROJECT				

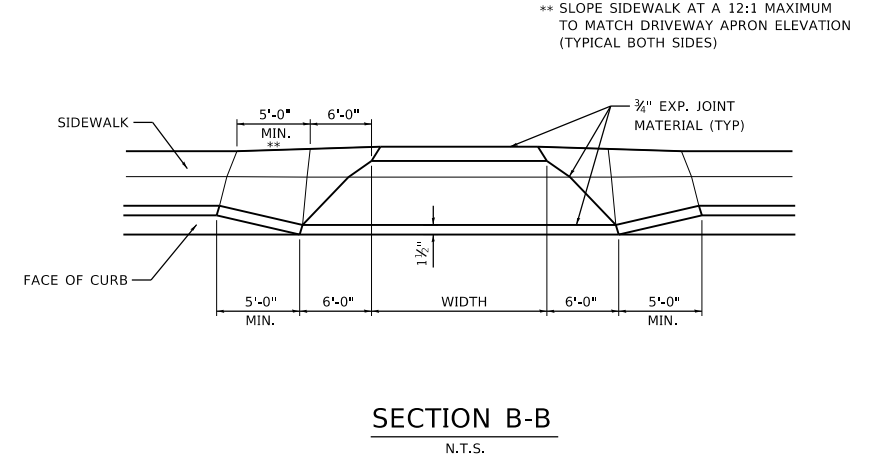
JUNEAU Job No. E170244



PLAN
N.T.S.



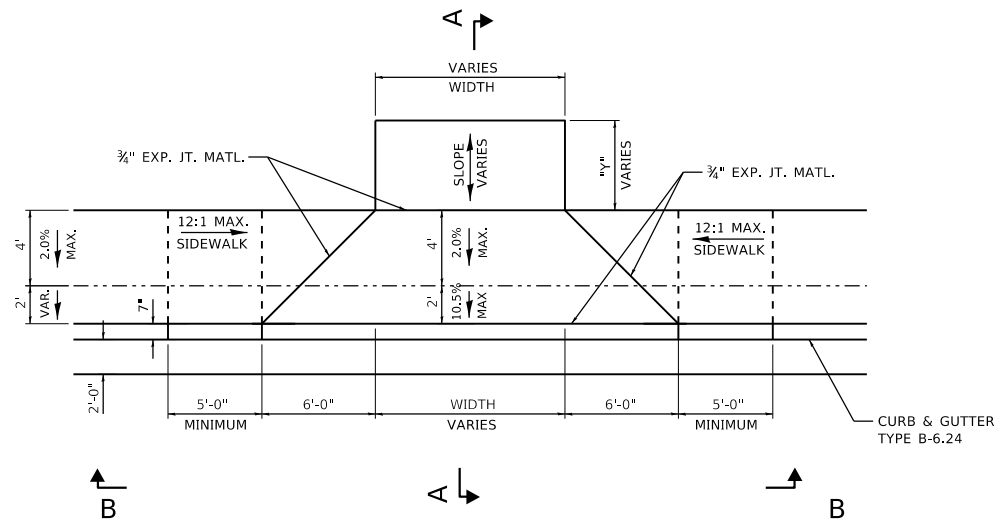
SECTION A-A
N.T.S.



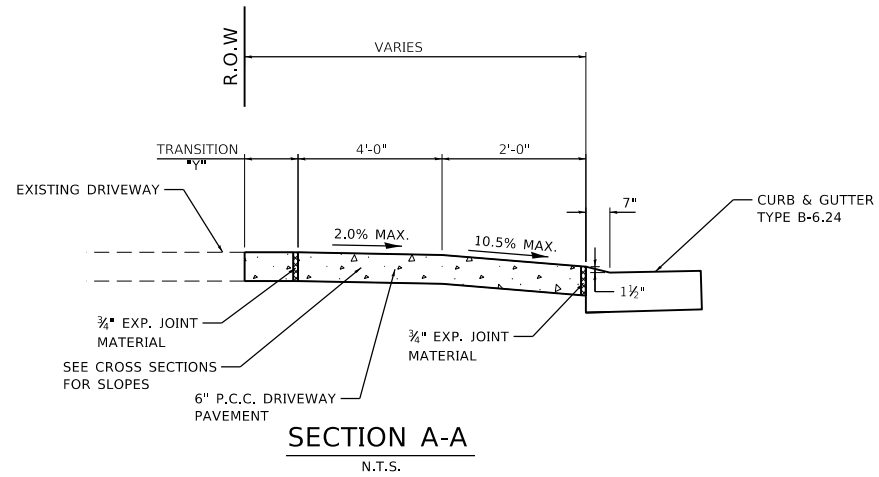
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N.T.S.

DRIVEWAY ENTRANCE DETAIL (C.E.)
WITH ADJACENT SIDEWALK

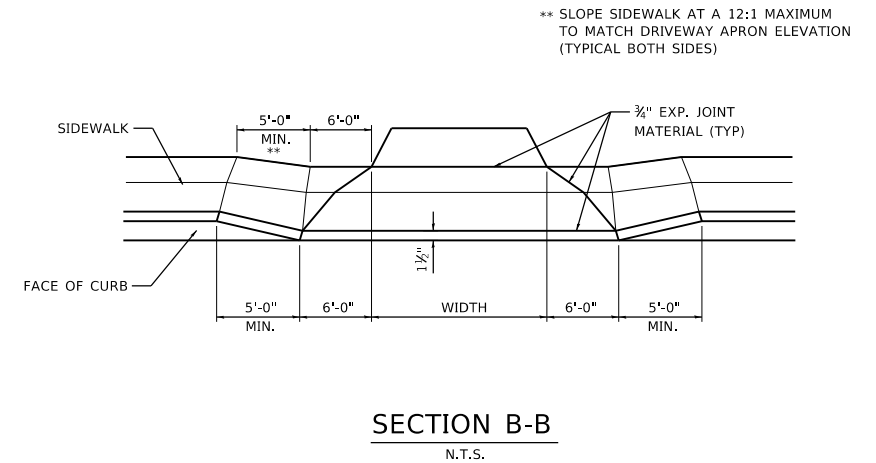
STA. 12+95.51 RT



PLAN
N.T.S.



SECTION A-A
N.T.S.



SECTION B-B
N.T.S.

DRIVEWAY ENTRANCE DETAIL (P.E.)
WITH ADJACENT SIDEWALK

STA. 15+54.90 RT
STA. 17+71.46 RT
STA. 18+53.23 RT
STA. 18+69.08 RT

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JUNEAU Job No. E170244

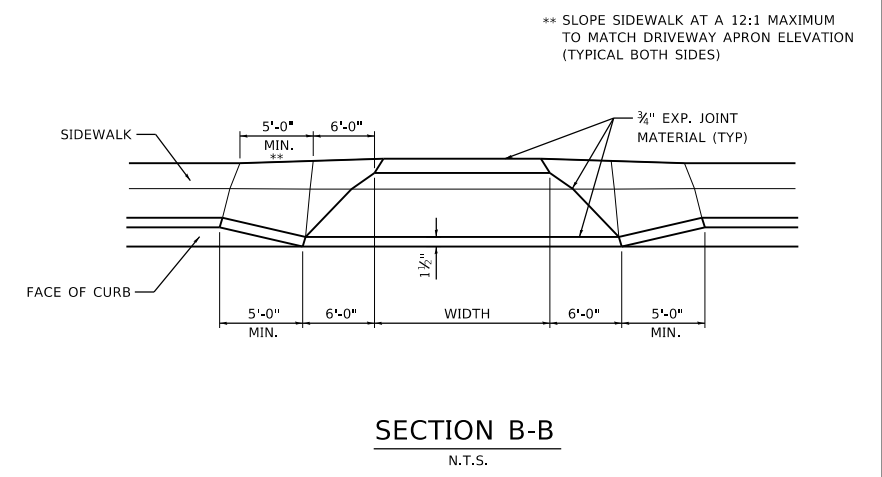
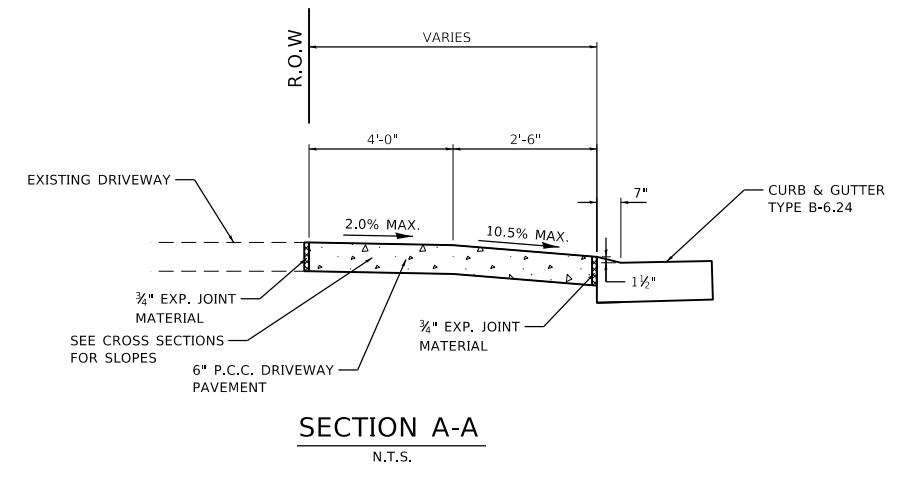
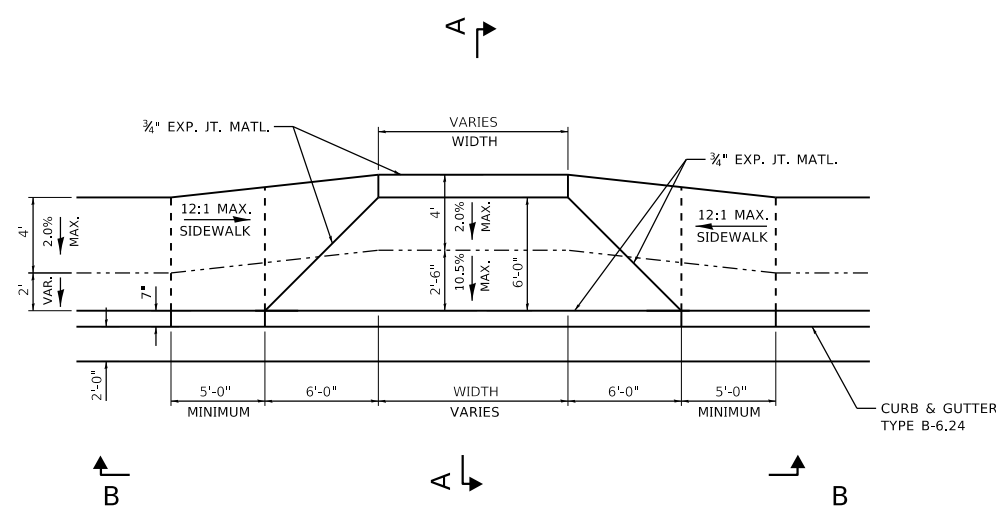
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PLOT DATE = 5/27/2020	CHECKED - BFK	REVISED -
	DATE - 5/15/20	REVISED -

JOHNSON ROAD IMPROVEMENTS
PHASE 1
GRANITE CITY, ILLINOIS

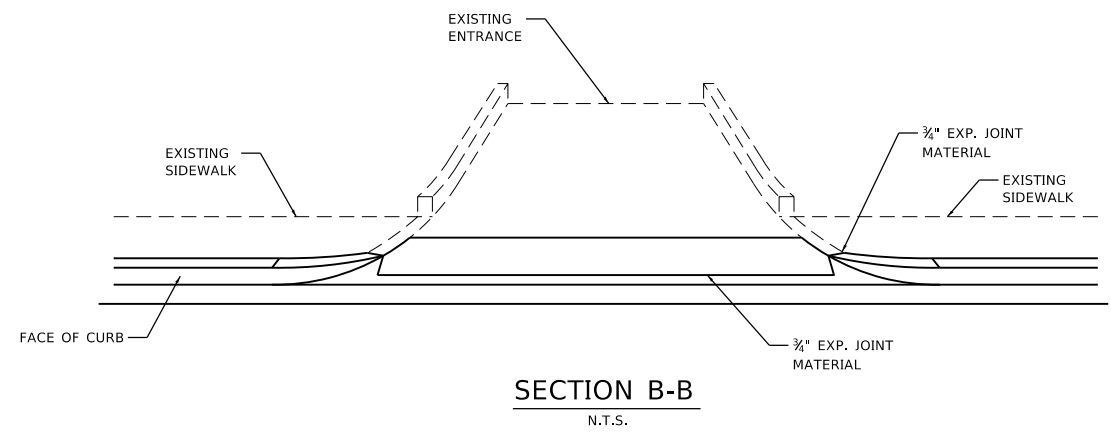
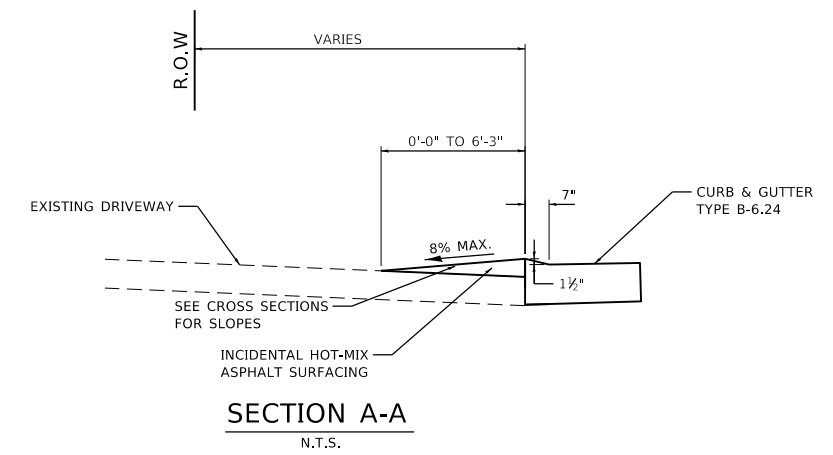
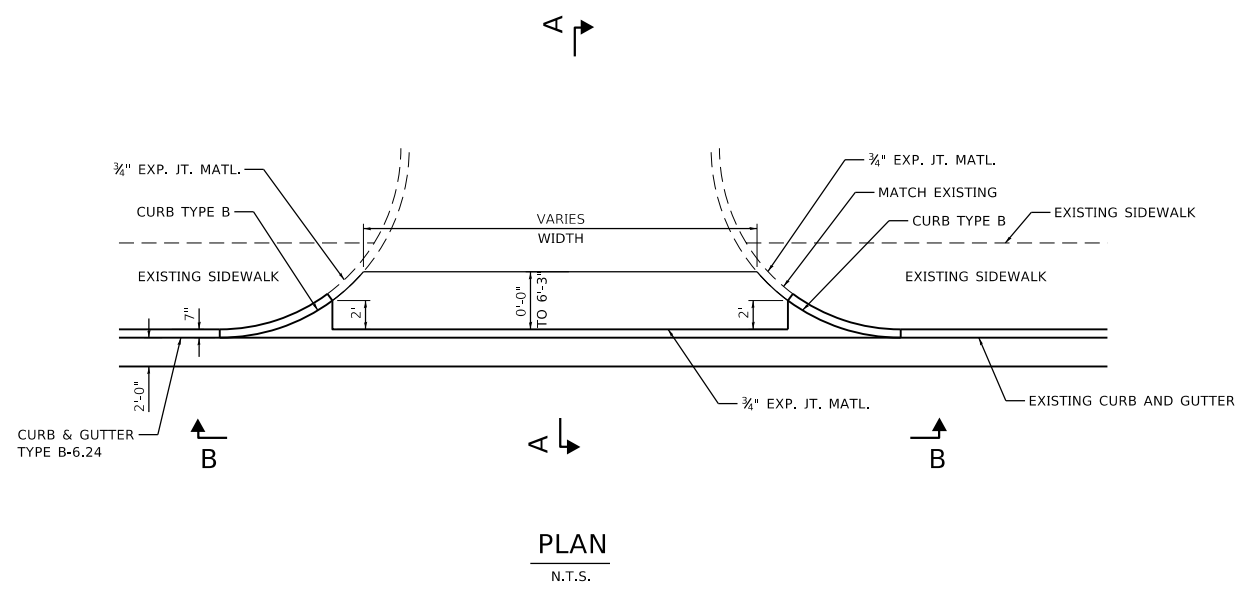
ENTRANCE DETAILS

SCALE: NTS SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-RS	MADISON	47	35
CONTRACT NO. 97745				
ILLINOIS FED. AID PROJECT				



**DRIVEWAY ENTRANCE DETAIL (P.E.)
WITH ADJACENT SIDEWALK**
STA. 20+14.61 RT
STA. 20+84.26 RT



**DRIVEWAY ENTRANCE DETAIL (C.E.)
WITH ADJACENT SIDEWALK**
STA. 13+56.74 LT
STA. 14+49.79 LT
STA. 16+71.82 LT

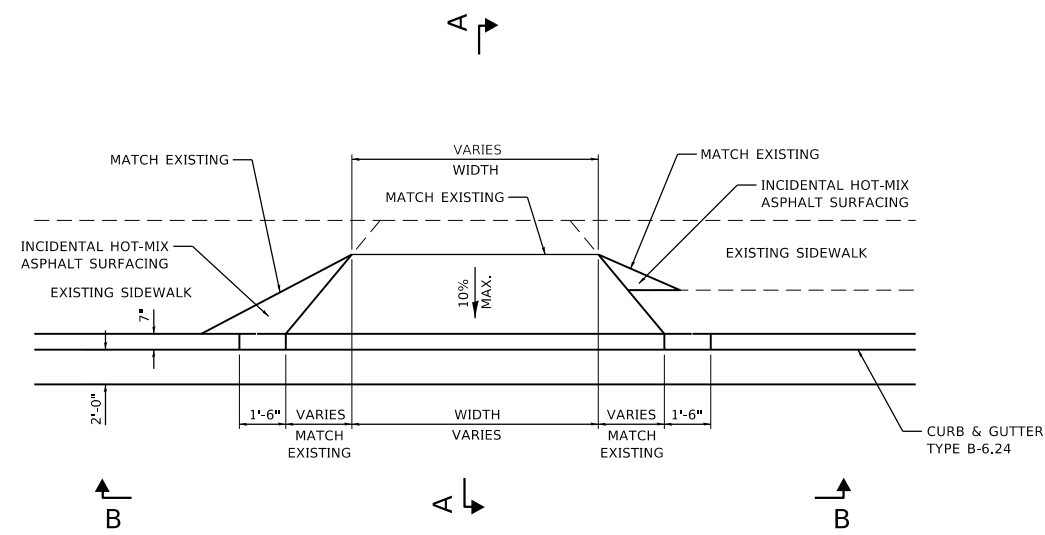
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	DATE - 5/15/20	REVISED -

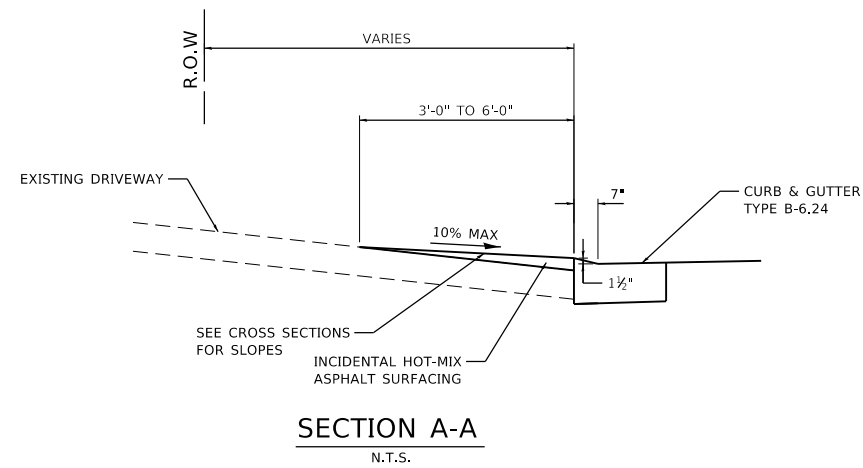
**JOHNSON ROAD IMPROVEMENTS
PHASE 1
GRANITE CITY, ILLINOIS**

ENTRANCE DETAILS	
SCALE: NTS	SHEET 3 OF 4 SHEETS
STA.	TO STA.

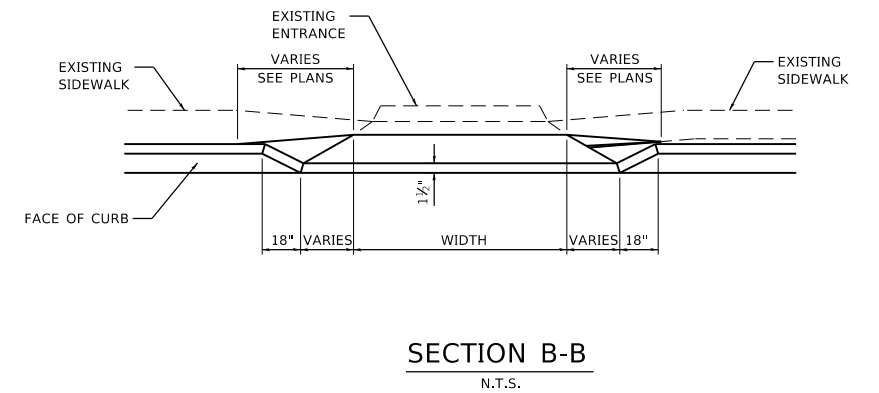
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9083	17-00197-00-RS	MADISON	47	36
CONTRACT NO. 97745				
ILLINOIS FED. AID PROJECT				



PLAN
N.T.S.



SECTION A-A
N.T.S.



SECTION B-B
N.T.S.

**DRIVEWAY ENTRANCE DETAIL (C.E.)
WITH ADJACENT SIDEWALK**

- STA. 12+81.89 LT
- STA. 15+12.74 LT
- STA. 15+72.92 LT
- STA. 17+10.39 LT
- STA. 17+78.97 LT
- STA. 18+37.06 LT
- STA. 19+91.86 LT

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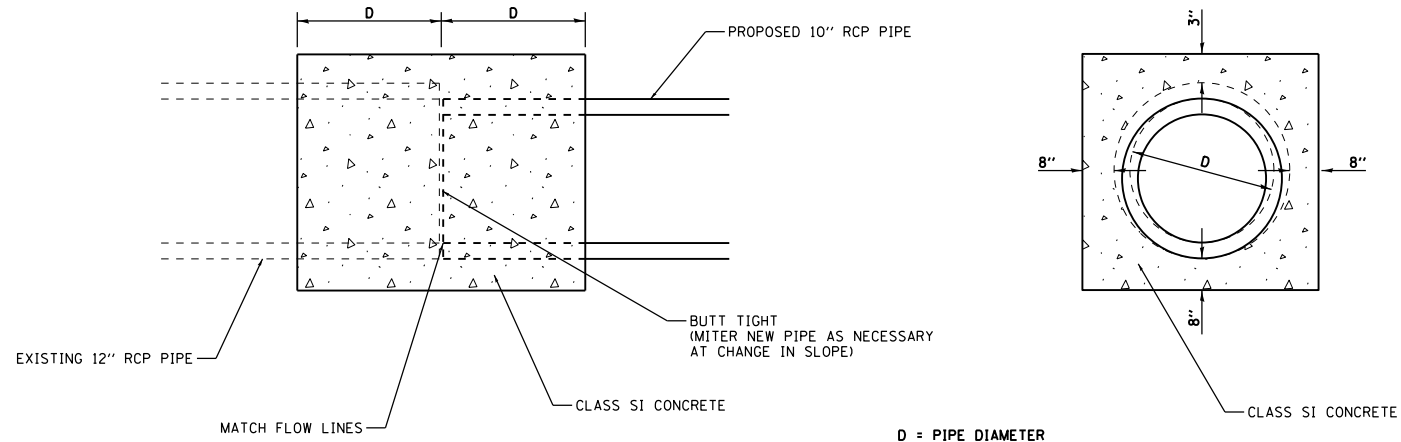
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PLOT DATE = 5/27/2020	DATE - 5/15/20	REVISED -

**JOHNSON ROAD IMPROVEMENTS
PHASE 1
GRANITE CITY, ILLINOIS**

ENTRANCE DETAILS

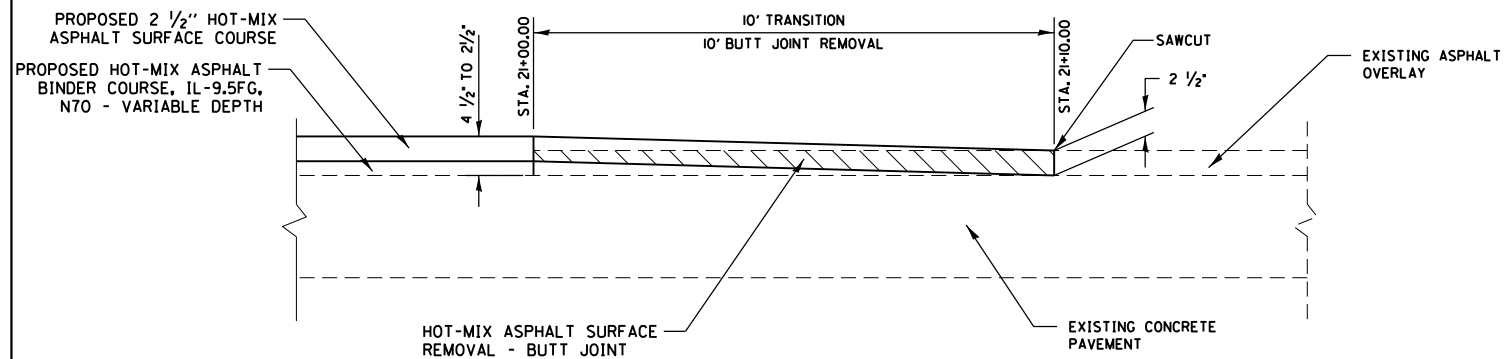
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-RS	MADISON	47	37
CONTRACT NO. 97745				
ILLINOIS FED. AID PROJECT				



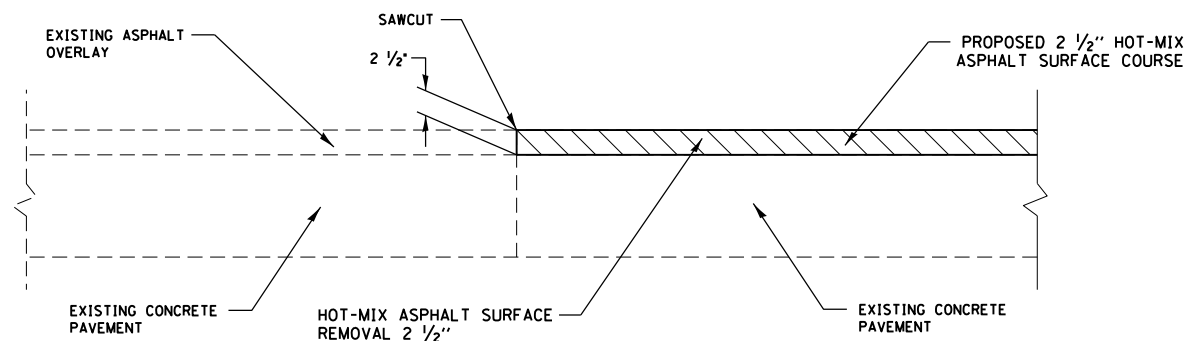
CONCRETE COLLAR DETAIL

N.T.S.
STA. 10+81.28 - 26.33' LT



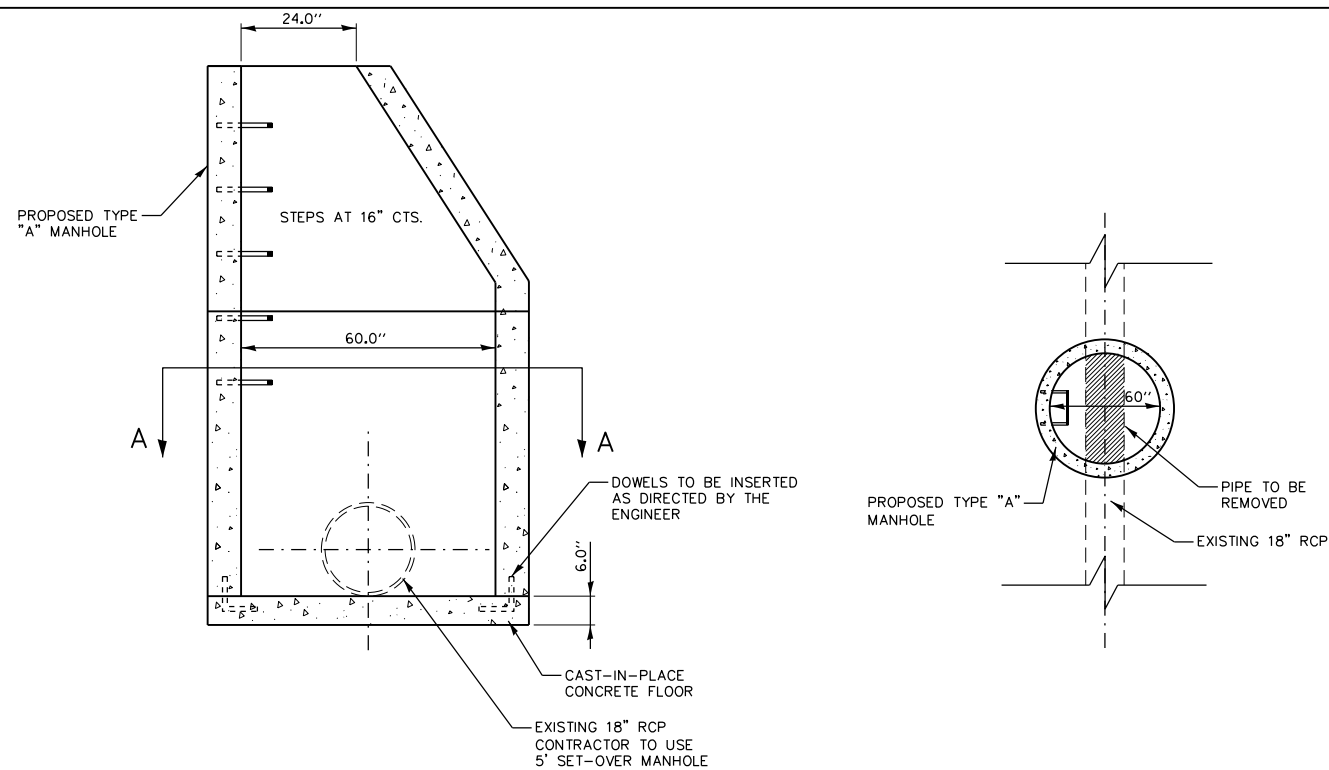
JOINT DETAIL

N.T.S.
STA. 21+00.00



JOINT DETAIL

N.T.S.
STA. 10+34.40

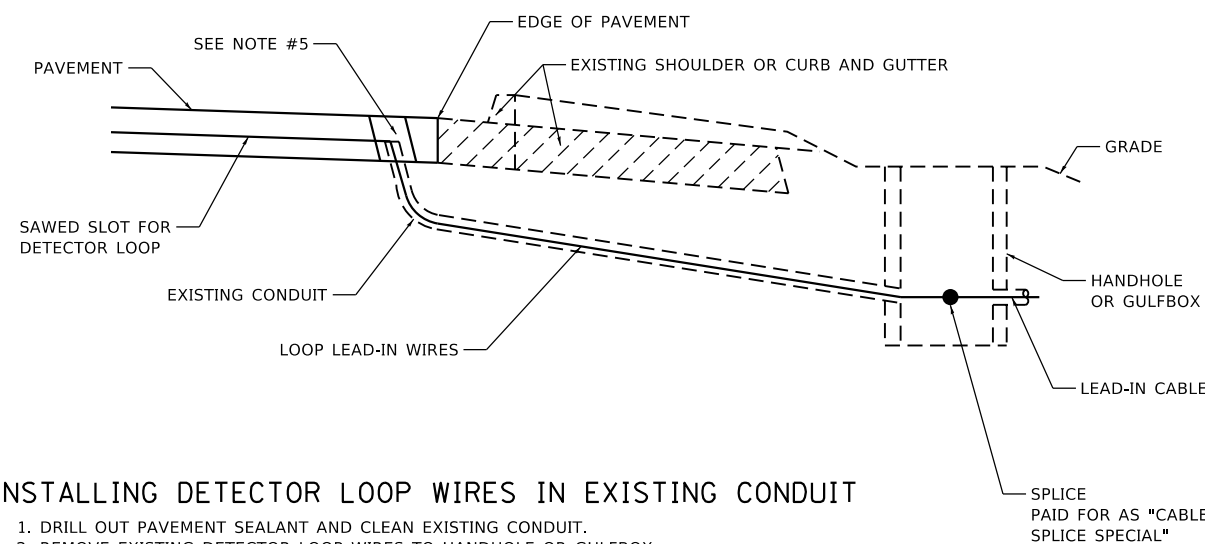


SIDE VIEW

SECTION A-A

MANHOLE, TYPE A, 5' SET OVER

N.T.S.



INSTALLING DETECTOR LOOP WIRES IN EXISTING CONDUIT

1. DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
2. REMOVE EXISTING DETECTOR LOOP WIRES TO HANDHOLE OR GULFBOX.
3. INSTALL NEW LOOP LEAD-IN WIRES IN EXISTING CONDUIT.
4. SPLICE NEW DETECTOR LOOP WIRES TO EXISTING LOOP LEAD-IN CABLE IN HANDHOLE OR GULFBOX.
5. FILL HOLE WITH APPROVED SEALER. PREVENT SEALER FROM ENTERING INTO CONDUIT.

NOT A PAY ITEM. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "DETECTOR LOOP, OF THE TYPE SPECIFIED".

DETECTOR LOOP REPLACEMENT DETAIL

N.T.S.

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PLOT SCALE = 40.0000 ' / in.	DRAWN - JJB	REVISED -
PLOT DATE = 5/27/2020	CHECKED - BFK	REVISED -
	DATE - 5/15/20	REVISED -

**JOHNSON ROAD IMPROVEMENTS
PHASE 1
GRANITE CITY, ILLINOIS**

MISCELLANEOUS DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-RS	MADISON	47	38
CONTRACT NO. 97745				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
AREAS CHECKED	TEMPLATE		
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JUNEAU Job No. E170244

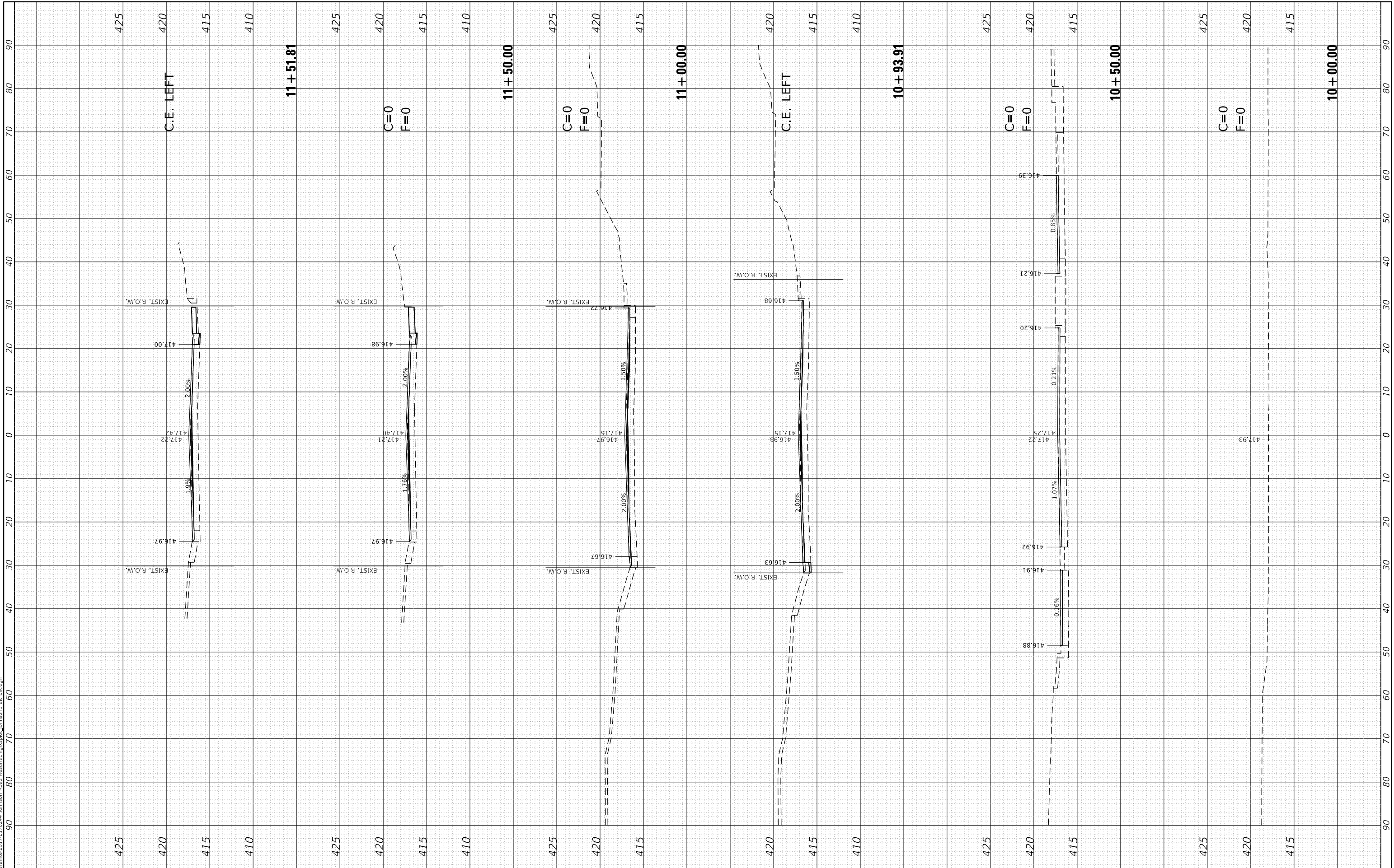
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PLOT DATE = 5/27/2020	CHECKED - BFK	REVISED -
	DATE - 5/15/20	REVISED -

**JOHNSON ROAD IMPROVEMENTS
 PHASE 1
 GRANITE CITY, ILLINOIS**

CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 1 OF 9 SHEETS STA. 10+00.00 TO STA. 11+51.81

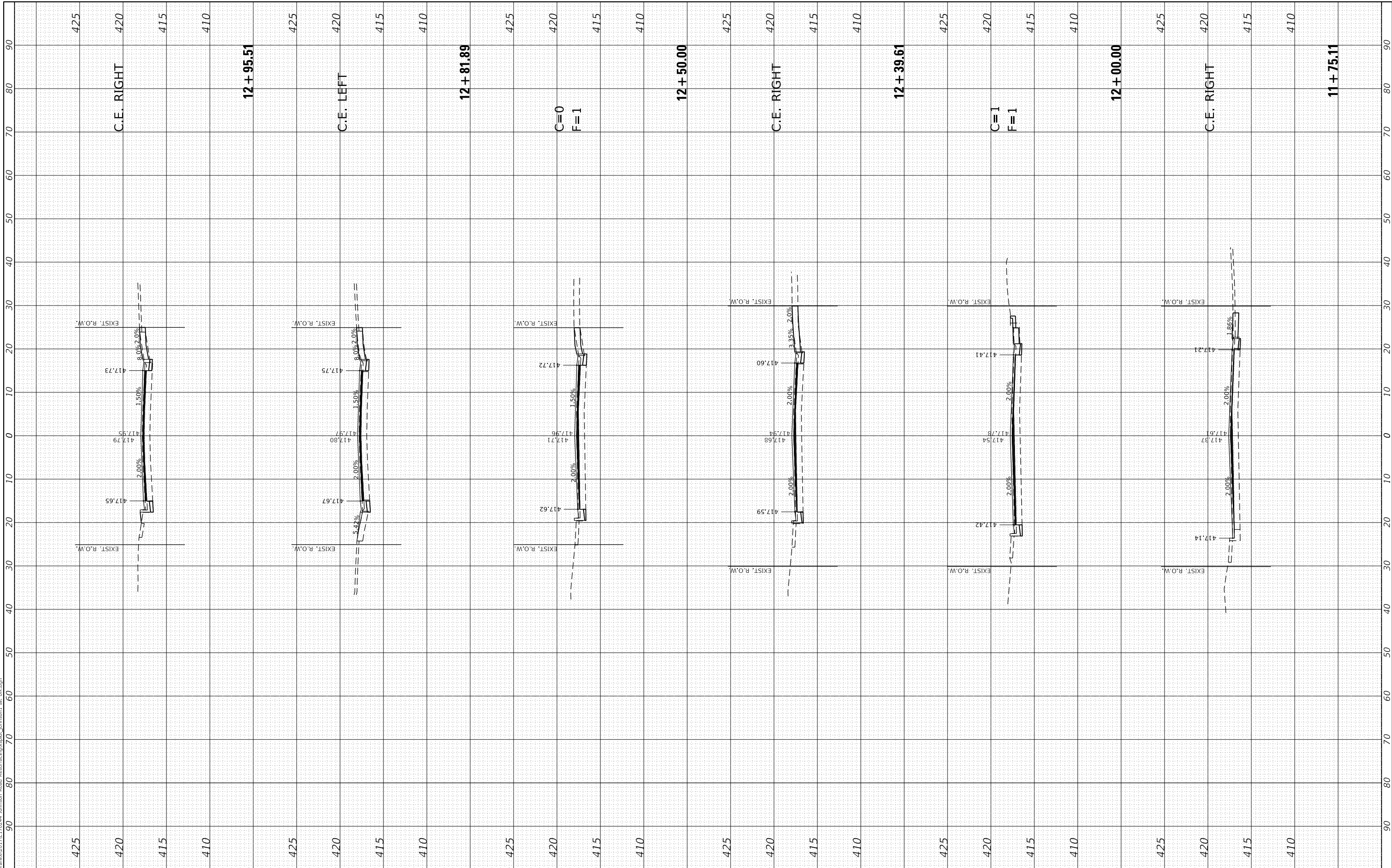
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			CONTRACT NO. 97745	
ILLINOIS		FED. AID PROJECT		



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

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

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JUNEAU Job No. E170244

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PLOT SCALE = 20.0000' / in.	DRAWN - JJB	REVISED -
PLOT DATE = 5/27/2020	CHECKED - BFK	REVISED -
	DATE - 5/15/20	REVISED -

**JOHNSON ROAD IMPROVEMENTS
 PHASE 1
 GRANITE CITY, ILLINOIS**

CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 2 OF 9 SHEETS STA. 11+75.11 TO STA. 12+95.51

F.A.U. RTE. 9083	SECTION 17-00197-00-R5	COUNTY MADISON	TOTAL SHEETS 47	SHEET NO. 40
			CONTRACT NO. 97745	
		ILLINOIS	FED. AID PROJECT	

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

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
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JUNEAU Job No. E170244

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DESIGNED -	SAS
DRAWN -	JJB
CHECKED -	BFK
DATE -	5/15/20
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PLOT DATE =	5/27/2020

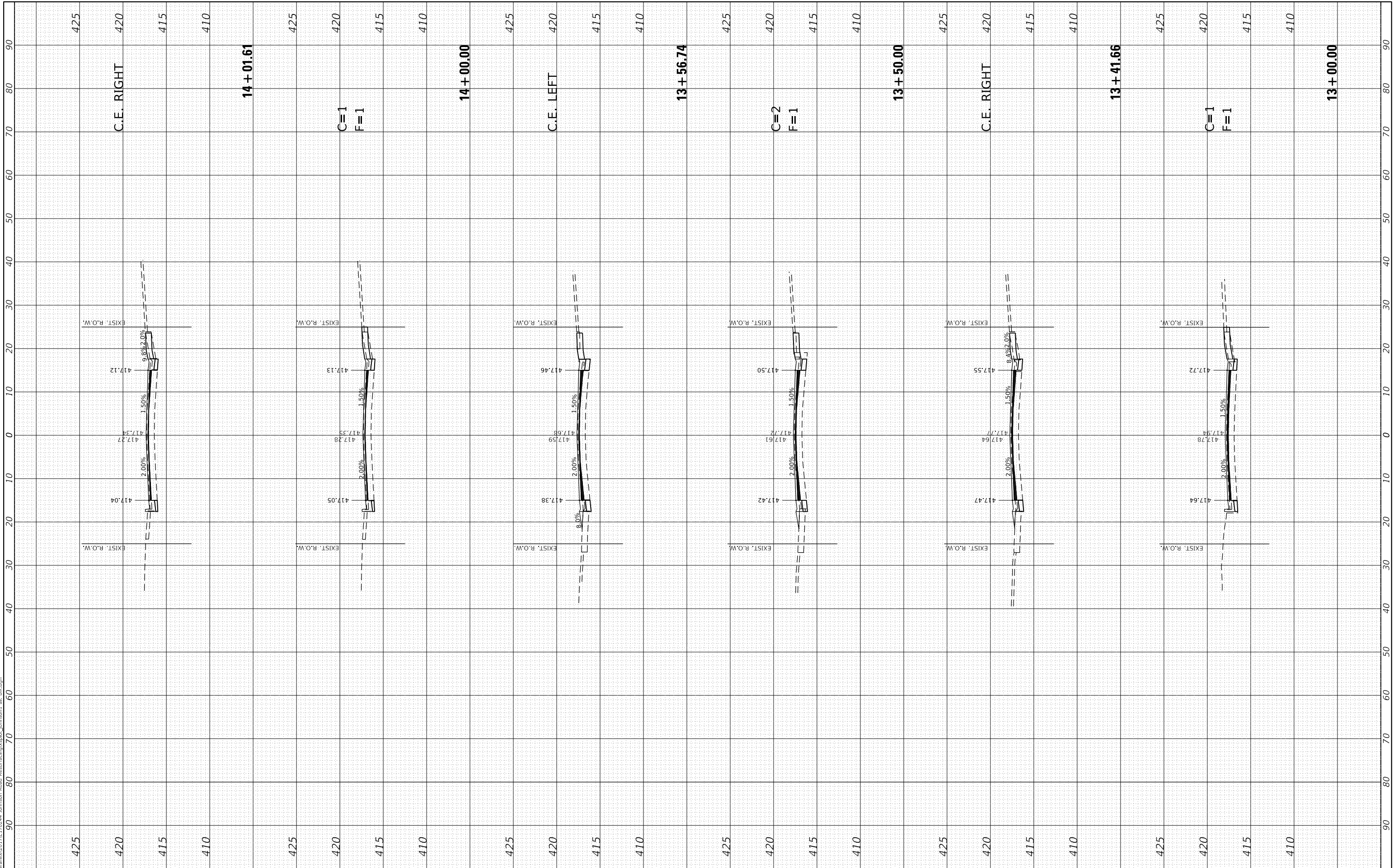
REVISED -	
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REVISED -	

**JOHNSON ROAD IMPROVEMENTS
 PHASE 1
 GRANITE CITY, ILLINOIS**

CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 3 OF 9 SHEETS STA. 13+00.00 TO STA. 14+01.61

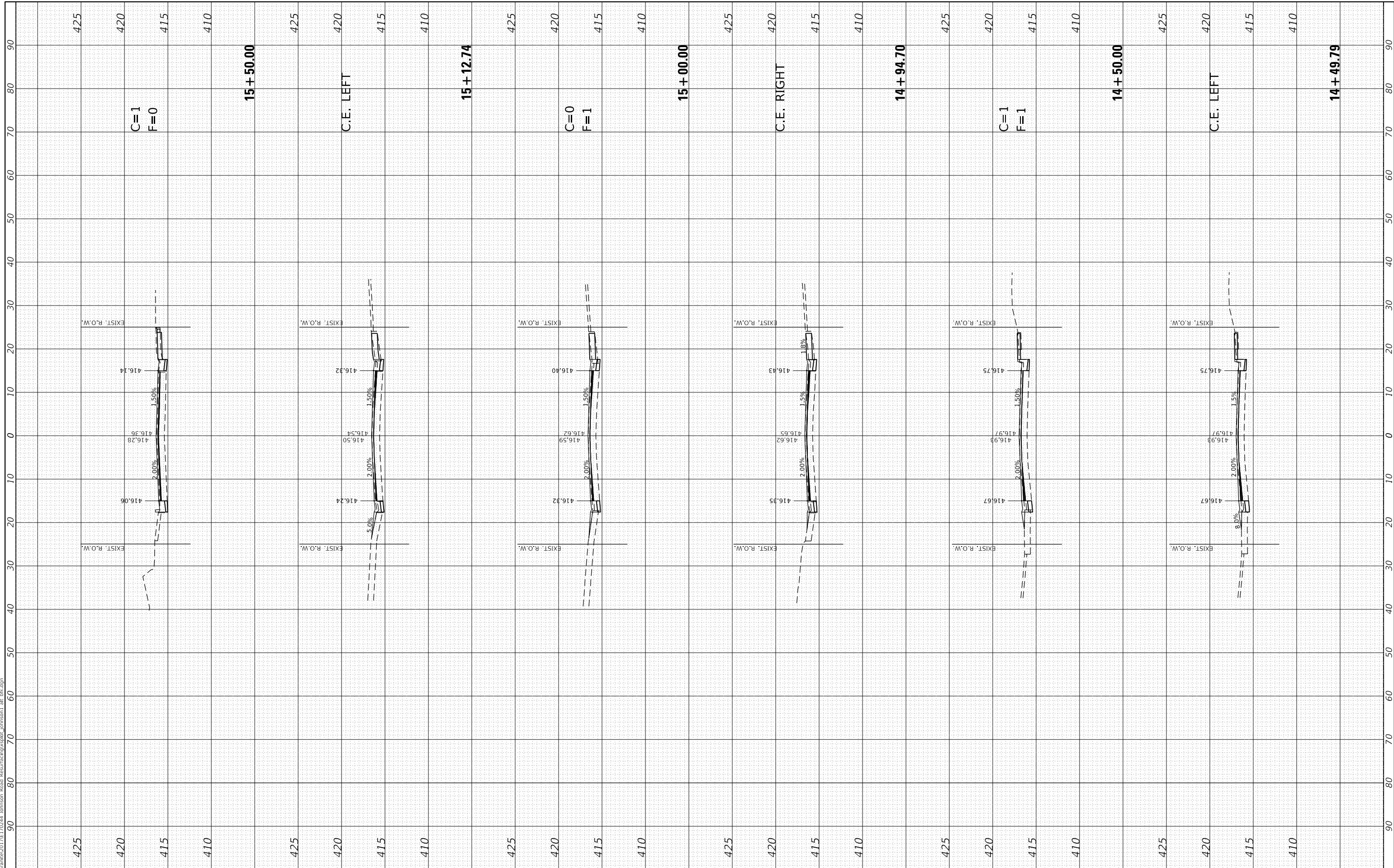
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-R5	MADISON	47	41
			CONTRACT NO. 97745	
		ILLINOIS	FED. AID PROJECT	



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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JUNEAU Job No. E170244

USER NAME	= scott
DESIGNED	- SAS
DRAWN	- JJB
CHECKED	- BFK
DATE	- 5/15/20
PLOT SCALE	= 20.0000' / in.
PLOT DATE	= 5/27/2020

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**JOHNSON ROAD IMPROVEMENTS
 PHASE 1
 GRANITE CITY, ILLINOIS**

CROSS SECTIONS

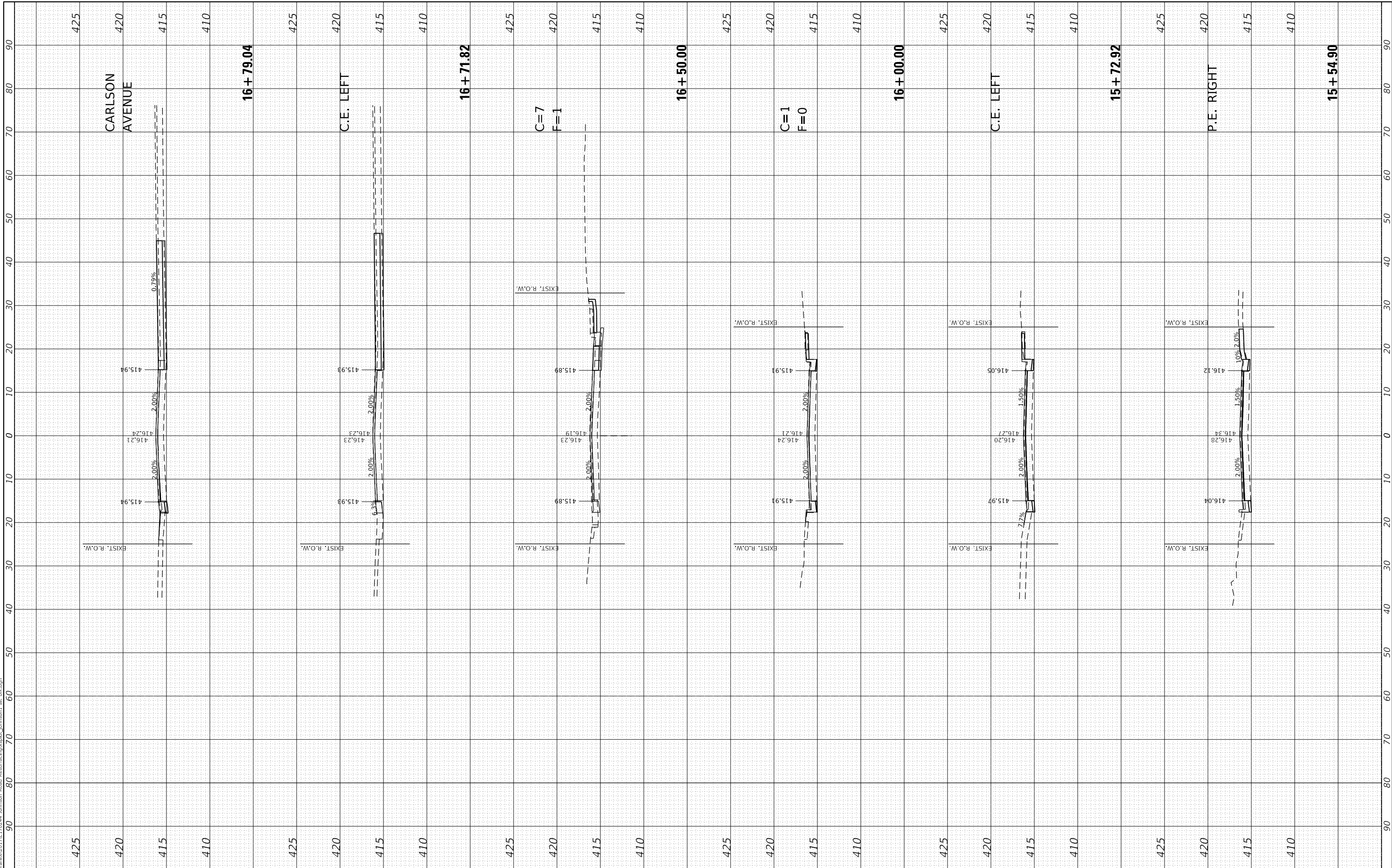
SCALE: 1"=10'H/5'V SHEET 4 OF 9 SHEETS STA. 14+49.79 TO STA. 15+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-R5	MADISON	47	42
			CONTRACT NO. 97745	
		ILLINOIS FED. AID PROJECT		

FINIAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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JUNEAU Job No. E170244

USER NAME =	scott
DESIGNED -	SAS
DRAWN -	JJB
CHECKED -	BFK
DATE -	5/15/20
PLOT SCALE =	20.0000' / in.
PLOT DATE =	5/27/2020

REVISD -	-
REVISD -	-
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REVISD -	-

**JOHNSON ROAD IMPROVEMENTS
 PHASE 1
 GRANITE CITY, ILLINOIS**

CROSS SECTIONS

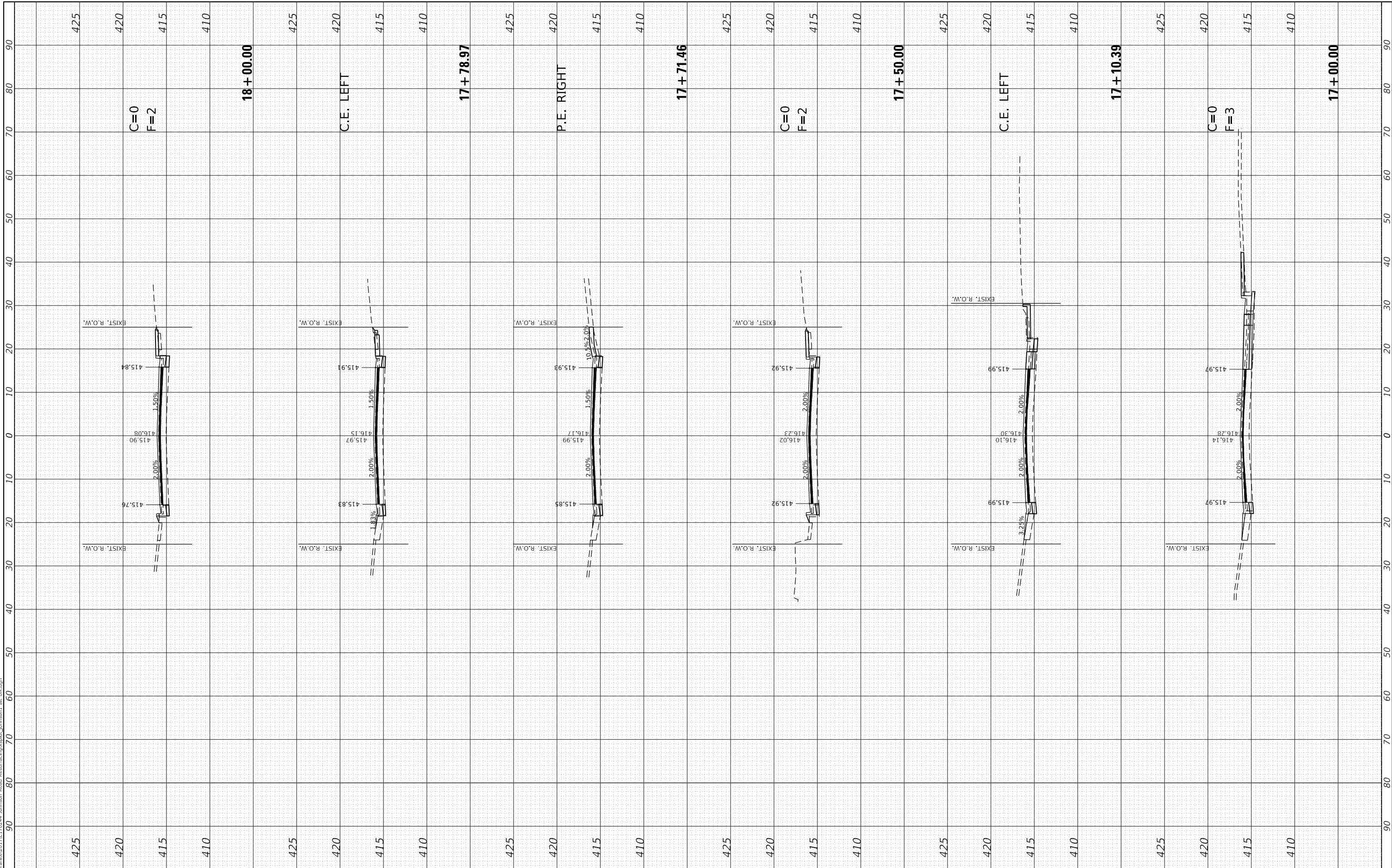
SCALE: 1"=10'H/5'V SHEET 5 OF 9 SHEETS STA. 15+54.90 TO STA. 16+79.04

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9083	17-00197-00-R5	MADISON	47	43
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97745	

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

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

MODEL: Definit
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JUNEAU Job No. E170244

USER NAME = scott	DESIGNED - SAS	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - JJB	REVISED -
PLOT DATE = 5/27/2020	CHECKED - BFK	REVISED -
	DATE - 5/15/20	REVISED -

**JOHNSON ROAD IMPROVEMENTS
 PHASE 1
 GRANITE CITY, ILLINOIS**

CROSS SECTIONS

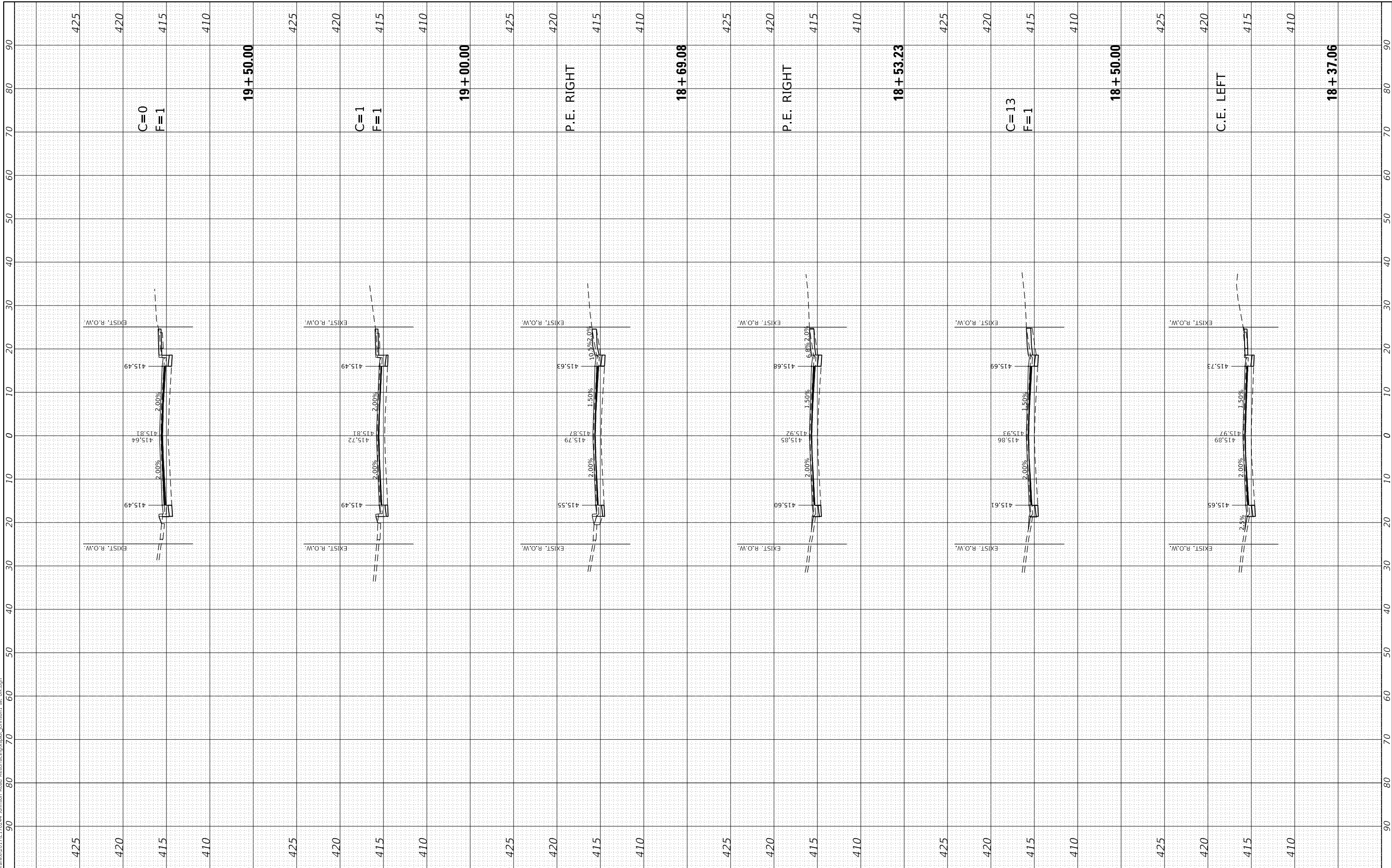
SCALE: 1"=10'H/5'V SHEET 6 OF 9 SHEETS STA. 17+00.00 TO STA. 18+00.00

F.A.U. RTE. 9083	SECTION 17-00197-00-R5	COUNTY MADISON	TOTAL SHEETS 47	SHEET NO. 44
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97745	

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

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

MODEL: Definit
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JUNEAU Job No. E170244

USER NAME = scott	DESIGNED - SAS	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - JJB	REVISED -
PLOT DATE = 5/27/2020	CHECKED - BFK	REVISED -
	DATE - 5/15/20	REVISED -

**JOHNSON ROAD IMPROVEMENTS
 PHASE 1
 GRANITE CITY, ILLINOIS**

CROSS SECTIONS

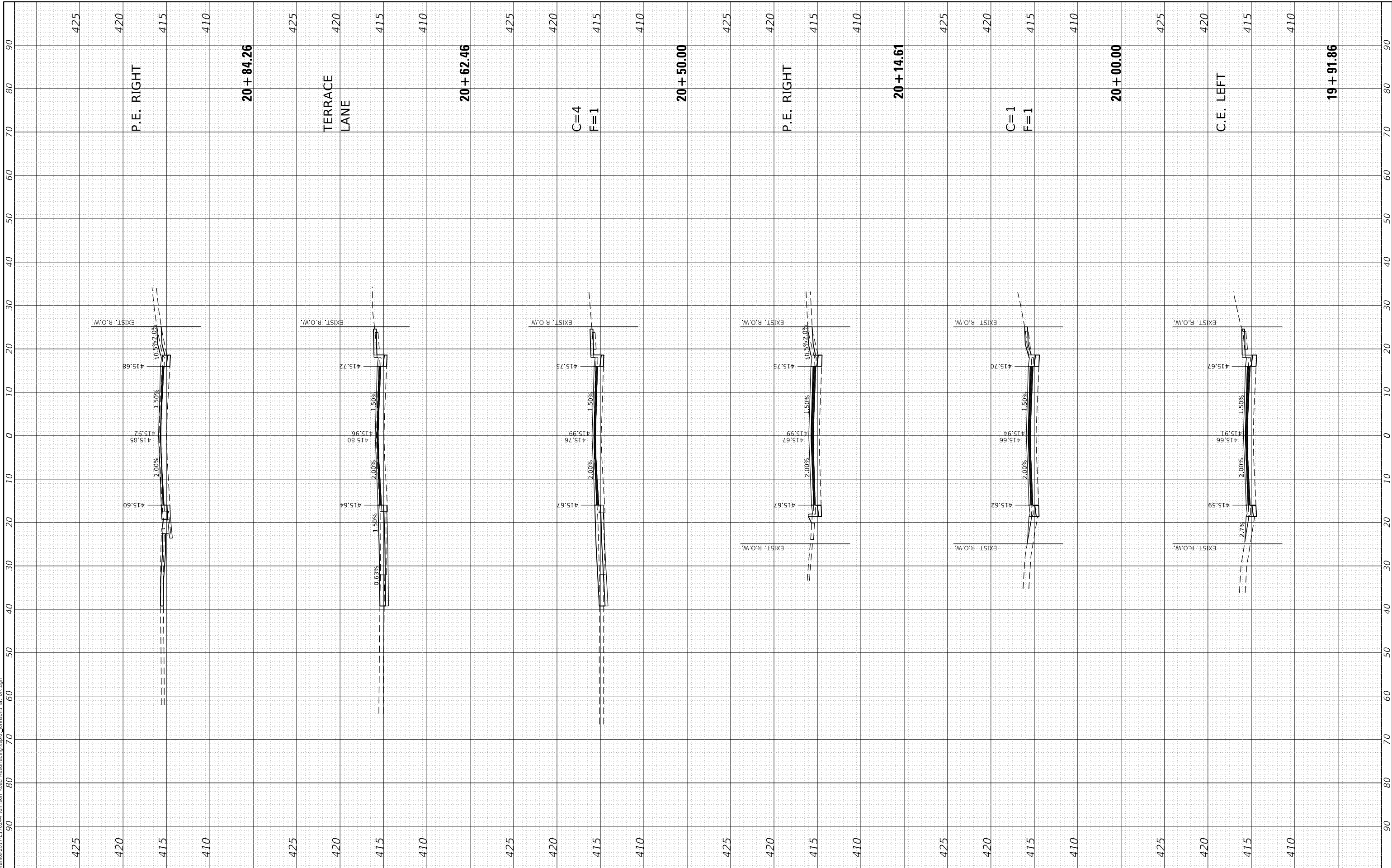
SCALE: 1"=10'H/5'V SHEET 7 OF 9 SHEETS STA. 18+37.06 TO STA. 19+50.00

F.A.U. RTE. 9083	SECTION 17-00197-00-R5	COUNTY MADISON	TOTAL SHEETS 47	SHEET NO. 45
CONTRACT NO. 97745			ILLINOIS FED. AID PROJECT	

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

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

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JUNEAU Job No. E170244

USER NAME = scott	DESIGNED - SAS	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - JJB	REVISED -
PLOT DATE = 5/27/2020	CHECKED - BFK	REVISED -
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**JOHNSON ROAD IMPROVEMENTS
PHASE 1
GRANITE CITY, ILLINOIS**

CROSS SECTIONS

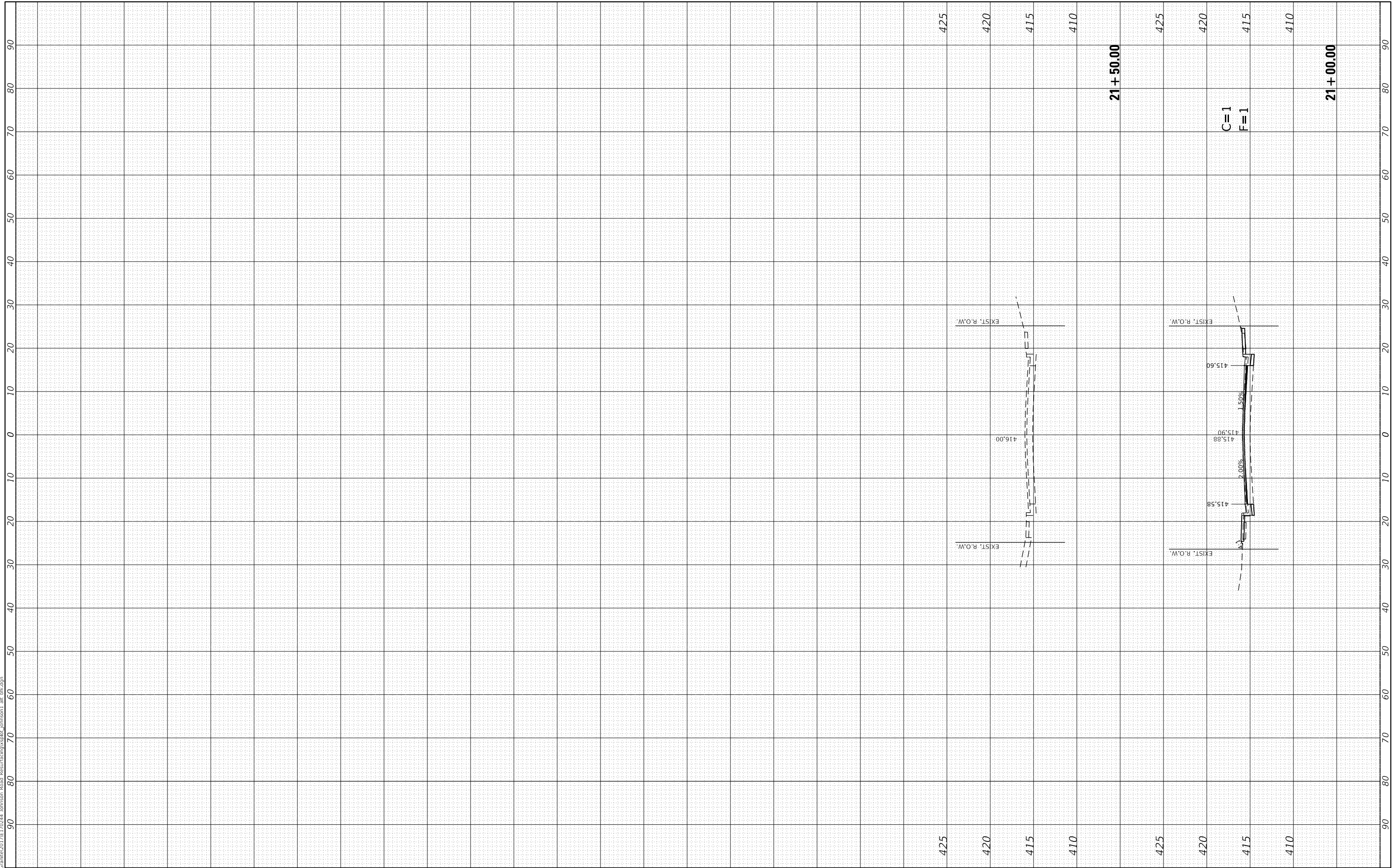
SCALE: 1"=10'H/5'V SHEET 8 OF 9 SHEETS STA. 19+91.86 TO STA. 20+84.26

F.A.U. RTE. 9083	SECTION 17-00197-00-R5	COUNTY MADISON	TOTAL SHEETS 47	SHEET NO. 46
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97745	

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

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

MODEL: Default
 FILE NAME: P:\granite\2017\E170244 Johnson Road Resurficing\csp\Johnson alt.dwg



JUNEAU Job No. E170244

USER NAME = scott	DESIGNED - SAS	REVISED -
PLOT SCALE = 20.0000 ' / in.	DRAWN - JJB	REVISED -
PLOT DATE = 5/27/2020	CHECKED - BFK	REVISED -
	DATE - 5/15/20	REVISED -

**JOHNSON ROAD IMPROVEMENTS
 PHASE 1
 GRANITE CITY, ILLINOIS**

CROSS SECTIONS

SCALE: 1"=10'H/5'V SHEET 9 OF 9 SHEETS STA. 21+00.00 TO STA. 22+00.00

F.A.U. RTE. 9083	SECTION 17-00197-00-R5	COUNTY MADISON	TOTAL SHEETS 47	SHEET NO. 47
CONTRACT NO. 97745			ILLINOIS FED. AID PROJECT	