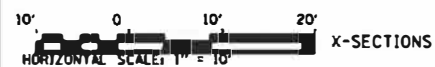


INDEX OF SHEETS

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IDOT STANDARDS

000001-07	602601-06	701901-08
001001-02	602701-02	720001-01
001006	604001-05	720006-04
280001-07	606001-07	728001-01
420001-09	606301-04	731001-01
420111-04	701001-02	780001-05
420701-03	701006-05	782001-01
424001-11	701301-04	B.L.R. 17-4
424031-02	701311-03	B.L.R. 21-9
602401-06	701501-06	B.L.R. 22-7
602402-02	701801-06	



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

UTILITIES

AMEREN (GAS)
1800 W. MAIN STREET
MARION, IL 62959
ATTENTION: SAMANTHA REH
PHONE: (618) 998-4516
EMAIL: SREH@AMEREN.COM

AMEREN (ELECTRIC)
ATTENTION: MIKE GULLETT
EMAIL: MGULLETT@AMEREN.COM

FRONTIER
ATTENTION: RICK SHAW
PHONE: (618) 997-0253
EMAIL: RICK.SHAW@FTR.COM

MEDIACOM
ATTENTION: CRAIG THOMPSON
EMAIL: CTHOMPSON@MEDIACOMCC.COM

CLEARWAVE
2 N. VINE STREET
P.O. BOX 808
HARRISBURG, IL 62946
ATTENTION: ROTH CLAYTON
PHONE: (618) 294-8078
EMAIL: RCLAYTON@CORP.CLEARWAVE.COM

CITY OF CARBONDALE (WATER & SEWER)
200 S. ILLINOIS AVENUE
CARBONDALE, IL 62902
ATTENTION: SEAN PICKFORD
PHONE: (618) 457-3270
EMAIL: SPICKFORD@EXPLORECARBONDALE.COM

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

07-31-2020 LETTING ITEM 088

STATE OF ILLINOIS CITY OF CARBONDALE

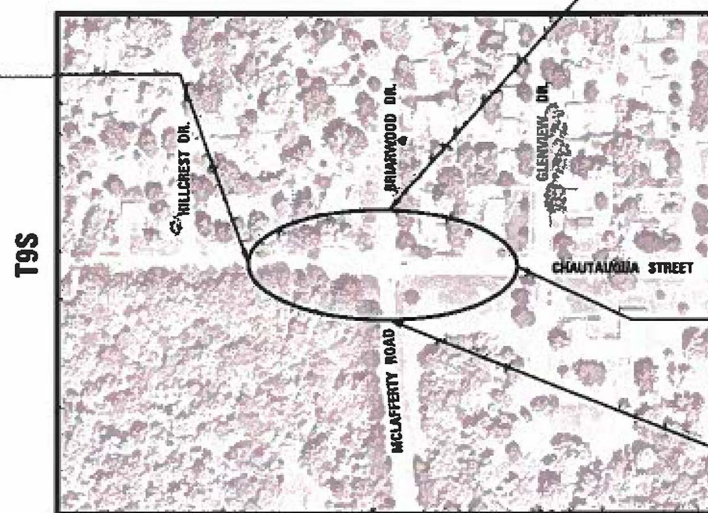
PLANS FOR PROPOSED IMPROVEMENT FOR SURFACE TRANSPORTATION - URBAN F.A.U. ROUTE 9712 (CHAUTAUQUA STREET) F.A.U. ROUTE 9717 (MCLAFFERTY ROAD)

FED PROJECT DEVP(297)
SECTION 18-00137-00-PV
PROJECT C-99-042-20
ROADWAY RECONSTRUCTION
JACKSON COUNTY

PROJECT BEGINS
CHAUTAUQUA ST.
STA. 301 + 95.58

C-99-042-20

PROJECT ENDS
MCLAFFERTY RD.
(BRIARWOOD DR.)
204 + 43.52



LOCATION MAP



F.A.U. ROUTE 9712 (CHAUTAUQUA STREET)
DESIGN DESIGNATION: MINOR ARTERIAL (URBAN)
DESIGN SPEED = 30 MPH
ADT: 4,300 (2018), 5,000 (2040), 3.5-4.0% TRUCKS
LENGTH OF IMPROVEMENT = 569 FEET = 0.108 MILES

F.A.U. ROUTE 9717 (MCLAFFERTY ROAD)
DESIGN DESIGNATION: MINOR ARTERIAL (URBAN)
DESIGN SPEED = 30 MPH
ADT: 4,100 (2018), 4,700 (2040), 3.5% TRUCKS
LENGTH OF IMPROVEMENT = 394 FEET = 0.075 MILES



SIGNATURE: *Brian Bond*
DATE SIGNED: 2/7/20
LICENSE EXPIRATION DATE: 11/30/21



License No. 184-000613 Copyright CMT, Inc.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9712	18-00137-00-PV	JACKSON	35	1
ILLINOIS			CONTRACT NO. 99639	



LOCATION OF SECTION INDICATED THUS: -

APPROVED 02/05 20 20
Sean Pickford
CITY ENGINEER, CARBONDALE, ILLINOIS

PASSED 04/07 20 20
Keith Roberts
DISTRICT NINE ENGINEER OF
LOCAL ROADS & STREETS

Releasing For
BM Based on
Limited Review 04/07 20 20
Keith Roberts
Keith Roberts, PE
Acting REGION FIVE ENGINEER
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

CONTRACT NO. 99639

GENERAL NOTES

1.

THE FOLLOWING HAVE BEEN USED IN CALCULATING THE PLAN QUANTITIES:

AGGREGATE:

SEEDING FERTILIZER RATIO (NIT:PHOS:POT)

AGRICULTURAL GROUND LIMESTONE

2.05 TONS/CU.YD.

120:120:120 LBS./AC.

2.00 TONS/AC.
2.

IN ADDITION TO FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY COMPLETED AT THE UNIT PRICE BID FOR THE WORK.
3.

ALL STATION AND OFFSET REFERENCES ARE TO THE ROADWAY CENTERLINE UNLESS OTHERWISE NOTED.
4.

GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR THE ITEM BEING CONSTRUCTED.
5.

THE FINAL TOP 4 INCHES OF SOIL IN ANY RIGHT OF WAY AREA DISTURBED BY THE CONTRACTOR MUST BE A COHESIVE SOIL CAPABLE OF SUPPORTING VEGETATION.
6.

SEEDING SHALL BE DONE ON ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS AS DIRECTED BY THE ENGINEER. SEEDING SHALL BE PAID FOR ONLY WITHIN THE PROPOSED RIGHT-OF-WAY OR EASEMENT LIMITS. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.
7.

DEPRESS CURBS ACROSS DRIVEWAYS, CROSSWALKS AND BIKE LANE RAMPS.
8.

TRENCH BACKFILL REQUIRED FOR STORM SEWER SHALL ONLY BE PLACED UP TO ONE FOOT BELOW THE FINAL GRADE IN AREAS HAVING A PROPOSED GRASS OR SOD SURFACE.
9.

ALL OPENINGS IN PRECAST STRUCTURES SHALL BE PRECAST TO THE PROPER SIZE. COSTS FOR THESE OPENINGS AND THE CONNECTIONS SHALL BE CONSIDERED INCLUDED IN THE VARIOUS PAY ITEMS FOR THE STRUCTURES INVOLVED.
10.

THE CONTRACTOR SHALL FIELD VERIFY EXISTING PIPE AND STRUCTURE SIZES AND MATERIALS BEFORE ORDERING PROPOSED MATERIAL. THE CONTRACTOR SHALL ALSO VERIFY THAT PROPOSED STRUCTURE ADJUSTMENTS, RELOCATIONS AND RECONSTRUCTIONS CAN BE COMPLETED AS DETAILED IN THE PLANS. VARIATIONS IN SIZE OR MATERIAL SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION OR WORKING DAYS DUE TO A CHANGE IN SCOPE OF WORK. THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY COMPLETED AT THE UNIT PRICE BID FOR THE WORK.
11.

WHERE PROPOSED SEWERS ARE TO BE CONNECTED INTO EXISTING INLETS, MANHOLES OR SEWERS, THE CONNECTIONS SHALL BE MADE IN A WORKMANLIKE MANNER, AND MASONRY SHALL BE CONSTRUCTED AROUND THEM SO AS TO PREVENT LEAKAGE. CONNECTIONS OF PROPOSED SEWERS TO EXISTING STRUCTURES SHALL BE MADE BY CORE DRILLING HOLES IN THE STRUCTURES. THE COST OF MAKING ANY SEWER CONNECTIONS TO AN EXISTING STRUCTURE OR PIPE SHALL BE CONSIDERED INCLUDED WITHIN THE CONTRACT UNIT PRICE FOR THE NEW SEWER.
12.

THE RIM ELEVATIONS OF DRAINAGE STRUCTURES WITHIN CURB LINES ARE GIVEN AT THE ADJACENT EDGE OF PAVEMENT FROM THE CENTER OF THE INLET CASTINGS. THE STATION AND OFFSET OF DRAINAGE STRUCTURES WITHIN THE CURB LINES ARE AT THE FACE OF CURB. THE STATION, OFFSET AND RIM ELEVATIONS OF DRAINAGE STRUCTURES OUTSIDE CURB LINES ARE TAKEN AT THE CENTER OF THE STRUCTURE UNLESS OTHERWISE NOTED.
13.

WHEN CONNECTIONS ARE TO BE MADE TO EXISTING PIPING AND STRUCTURES, THE LOCATION AND ELEVATION OF THE EXISTING PIPING SHALL BE FIELD VERIFIED AND NOTIFICATION GIVEN TO THE ENGINEER IF THE EXISTING PIPING IS FOUND TO BE DIFFERENT THAN THAT SHOWN ON THE DRAWINGS. WHERE SUCH DISCREPANCY IS FOUND, WORK SHALL NOT PROCEED UNTIL DIRECTED ACCORDINGLY BY THE ENGINEER.
14.

WHERE THE PROPOSED COMBINATION CONCRETE CURB AND GUTTER JOINS THE EXISTING CURB AND GUTTER, A TRANSITION BETWEEN THE TWO CONFIGURATIONS MAY BE REQUIRED. THE EXISTING CURB TO BE ADJOINED SHALL BE DRILLED, DOWELLED AND GROUTED TO FACILITATE LOAD TRANSFER AND PREVENT DIFFERENTIAL SETTLEMENT. THIS WORK WILL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR CURB AND GUTTER OF THE SIZE AND TYPE SPECIFIED IN THE PLANS.
15.

ALL DRAINAGE STRUCTURES CONSTRUCTED, ADJUSTED OR RECONSTRUCTED UNDER THE CONTRACT SHALL BE CLEANED OF ANY ACCUMULATION OF SILT, DEBRIS OR FOREIGN MATTER AT THE END OF EACH WORKING DAY AND AT THE TIME OF FINAL INSPECTION. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICES BID FOR THE VARIOUS DRAINAGE STRUCTURE ITEMS INCLUDED IN THE CONTRACT.
16.

ALL STORM SEWER, EXISTING OR PROPOSED, WITHIN THE CONTRACT LIMITS SHALL BE CLEANED OF ANY ACCUMULATION OF SILT, DEBRIS OR FOREIGN MATTER AT THE TIME OF FINAL INSPECTION. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICES BID FOR THE VARIOUS DRAINAGE ITEMS INCLUDED IN THE CONTRACT.
17.

WHERE THE PROPOSED CONCRETE PAVEMENT OR SIDEWALK JOINS EXISTING PAVEMENT OR SIDEWALK, A TRANSITION BETWEEN THE TWO CONFIGURATIONS MAY BE REQUIRED. THE EXISTING PAVEMENT OR SIDEWALK TO BE ADJOINED SHALL BE DRILLED, DOWELLED AND GROUTED TO FACILITATE LOAD TRANSFER AND PREVENT DIFFERENTIAL SETTLEMENT. THIS WORK WILL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR PAVEMENT OR SIDEWALK OF THE THICKNESS SPECIFIED IN THE PLANS.

COMMITMENTS

1.

OBTAIN A NPDES PERMIT DURING THE CONSTRUCTION PHASE.

FILE NAME =	USER NAME = Brian Bond	DESIGNED - BMB	REVISED -	CITY OF CARBONDALE CARBONDALE, ILLINOIS	GENERAL NOTES & COMMITMENTS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\Carbondale\19007402-00\Draw\Roadway	CADD_Sheets\09-shit-gennote.dgn	DRAWN - RSH	REVISED -						9712	18-00137-00-PV	JACKSON	35	2
	PLOT SCALE = 100.0000 ' / in.	CHECKED - SPH	REVISED -						CONTRACT NO. 99639				
Default	PLOT DATE = 3/20/2020	DATE - 3/20/20	REVISED -										
				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES				
SP	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
Δ	*	20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	33
Δ	*	20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	83
Δ	*	20100500 TREE REMOVAL, ACRES	ACRE	0.25
Δ		20101300 TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	2
Δ		20101350 TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	2
	*	20200100 EARTH EXCAVATION	CU YD	1,575
	*	20201200 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	100
	*	20400800 FURNISHED EXCAVATION	CU YD	600
		20800150 TRENCH BACKFILL	CU YD	197
		21101615 TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2,995
		21101685 TOPSOIL FURNISH AND PLACE, 24"	SQ YD	165
Δ	*	25000115 SEEDING, CLASS 1B	ACRE	0.75
Δ		25000400 NITROGEN FERTILIZER NUTRIENT	POUND	90
Δ		25000500 PHOSPHORUS FERTILIZER NUTRIENT	POUND	90

* SP = SEE SPECIAL PROVISIONS

Δ SPECIALTY ITEMS

SUMMARY OF QUANTITIES				
SP	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
Δ	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	90
Δ	25000700	AGRICULTURAL GROUND LIMESTONE	TON	1.5
Δ	* 25100115	MULCH, METHOD 2	ACRE	0.75
Δ	25100630	EROSION CONTROL BLANKET	SQ YD	820
	28000305	TEMPORARY DITCH CHECKS	FOOT	20
	28000400	PERIMETER EROSION BARRIER	FOOT	280
	28000500	INLET AND PIPE PROTECTION	EACH	9
	28100105	STONE RIPRAP, CLASS A3	SQ YD	11
	28200200	FILTER FABRIC	SQ YD	11
	* 30300011	AGGREGATE SUBGRADE IMPROVEMENT	TON	205
	31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	4,675
	* 40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	50
	42000060	WELDED WIRE REINFORCEMENT	SQ YD	175
	* 42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	3,490

* SP = SEE SPECIAL PROVISIONS

Δ SPECIALTY ITEMS

FILE NAME = L:\Carbondale\19007402-00\Draw\Roadway	USER NAME = Brian Bond	DESIGNED - BMB	REVISED -	CITY OF CARBONDALE CARBONDALE, ILLINOIS	SUMMARY OF QUANTITIES			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CADD_Sheets\09-shr-500.dgn	DRAWN - RSH	REVISED -					9712	18-00137-00-PV	JACKSON	35	4
	PLOT SCALE = 100.0000 ' / in.	CHECKED - SPH	REVISED -					CONTRACT NO. 99639				
	PLOT DATE = 3/19/2020	DATE - 3/20/20	REVISED -		SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES				
SP	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
	42001300	PROTECTIVE COAT	SQ YD	3,490
	42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	10,265
	42400800	DETECTABLE WARNINGS	SQ FT	240
	44000100	PAVEMENT REMOVAL	SQ YD	3,295
	44000600	SIDEWALK REMOVAL	SQ FT	1,850
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1
	54248510	CONCRETE COLLAR	CU YD	0.9
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	128
	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	156
	55100300	STORM SEWER REMOVAL 8"	FOOT	11
	55100700	STORM SEWER REMOVAL 15"	FOOT	189
*	59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	15
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3
	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1

* SP = SEE SPECIAL PROVISIONS

Δ SPECIALTY ITEMS

FILE NAME = L:\Carbondale\19807402-80\Draw\Roadway	USER NAME = Brian Bond	DESIGNED - BMB	REVISED -	CITY OF CARBONDALE CARBONDALE, ILLINOIS	SUMMARY OF QUANTITIES				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CADD_Sheets\09-sh1-S00.dgn	DRAWN - RSH	REVISED -						9712	18-00137-00-PV	JACKSON	35	5
	PLOT SCALE = 100.0000 ' / in.	CHECKED - SPH	REVISED -		CONTRACT NO. 99639								
	PLOT DATE = 3/19/2020	DATE - 3/20/20	REVISED -		ILLINOIS FED. AID PROJECT								
500 03					SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO STA.			

SUMMARY OF QUANTITIES				
SP	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
*	60266600	VALVE BOXES TO BE ADJUSTED	EACH	3
	60500060	REMOVING INLETS	EACH	5
*	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	485
*	60604300	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (VARIABLE WIDTH GUTTER FLAG)	FOOT	145
*	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1,750
*	60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	305
	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	1,885
	67100100	MOBILIZATION	L SUM	1
Δ	72000100	SIGN PANEL - TYPE 1	SQ FT	235
Δ	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	4
Δ	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	3
Δ	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	440
Δ	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	6
Δ	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	420

* SP = SEE SPECIAL PROVISIONS

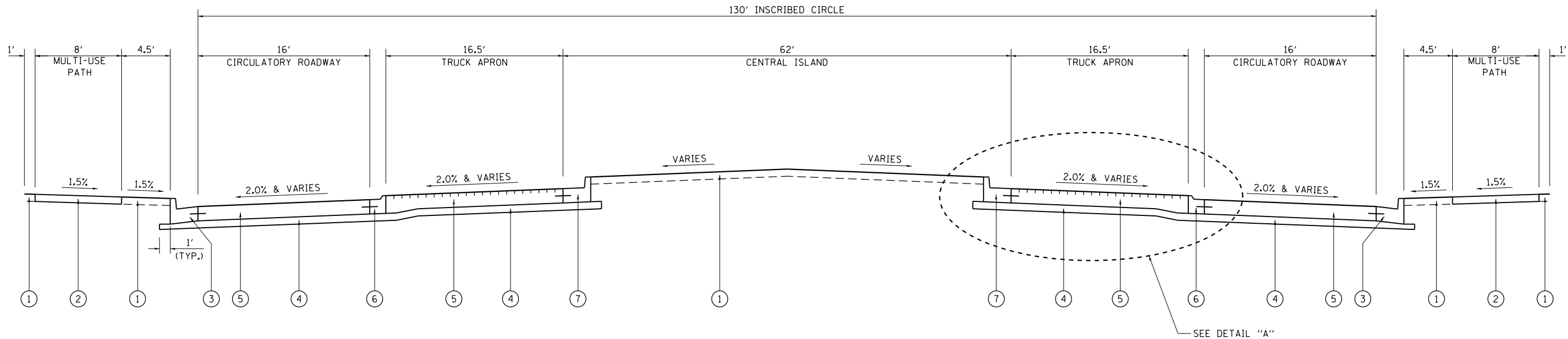
Δ SPECIALTY ITEMS

FILE NAME = L:\Carbondale\19007402-00\Draw\Roadway	USER NAME = Brian Bond	DESIGNED - BMB	REVISED -	CITY OF CARBONDALE CARBONDALE, ILLINOIS	SUMMARY OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CADD Sheets\09-sht-S00.dgn	DRAWN - RSH	REVISED -						9712	18-00137-00-PV	JACKSON	35	6
	PLOT SCALE = 100.0000 ' / in.	CHECKED - SPH	REVISED -						CONTRACT NO. 99639				
	PLOT DATE = 3/19/2020	DATE - 3/20/20	REVISED -		SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT				

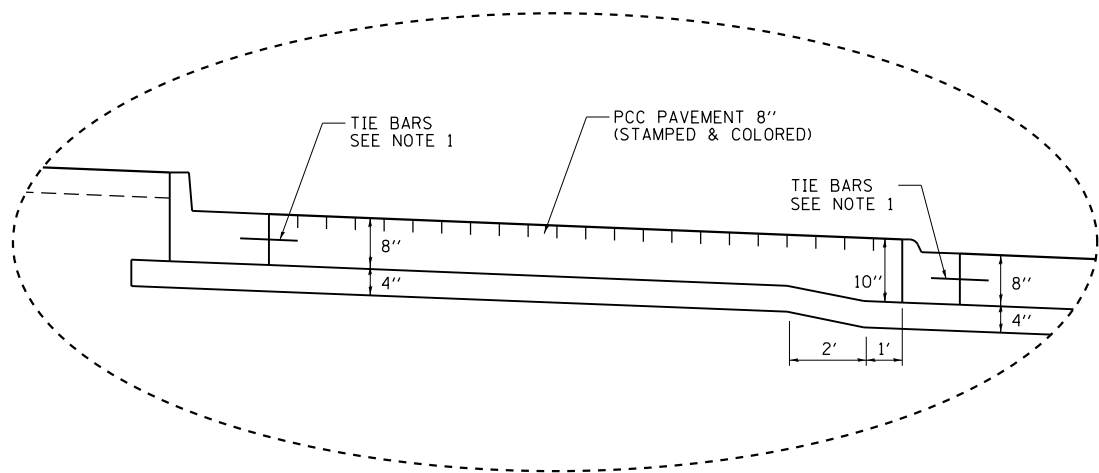
SUMMARY OF QUANTITIES				
SP	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
Δ	78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	1,660
Δ	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	55
Δ	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	435
Δ	78009018	MODIFIED URETHANE PAVEMENT MARKING - LINE 18"	FOOT	65
Δ	78200020	CURB REFLECTORS	EACH	45
Δ	* B2000770	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	3
Δ	* K0013000	PERENNIAL PLANTS, PRAIRIE TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	4
	X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	30
	* X6024240	INLETS, SPECIAL	EACH	7
	* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
	* Z0013798	CONSTRUCTION LAYOUT	L SUM	1

* SP = SEE SPECIAL PROVISIONS

Δ SPECIALTY ITEMS



PROPOSED TYPICAL SECTION A-A
CHAUTAUQUA STREET AND McLAFFERTY ROAD ROUNDABOUT



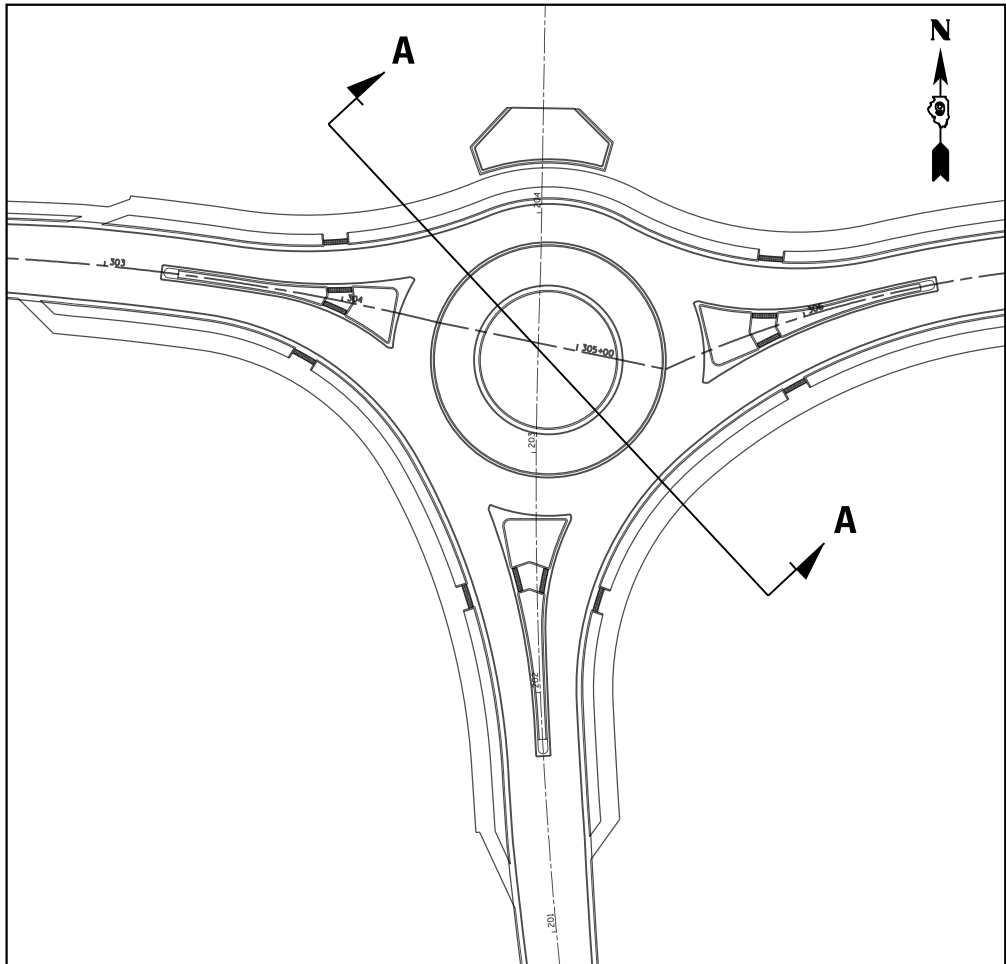
DETAIL "A"

NOTES:

1. TIE BARS IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT AS SHOWN ON STANDARD 420001. COST OF THE TIE BARS INCLUDED IN THE COST OF PCC PAVEMENT 8" (JOINTED).

PROPOSED

- ① PROPOSED TOPSOIL PLACEMENT, 4"
- ② PROPOSED PCC SIDEWALK, 4"
- ③ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (GUTTER FLAG THICKNESS TO MATCH ADJACENT PAVEMENT, 8")
- ④ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 4"
- ⑤ PROPOSED PCC PAVEMENT, 8" (JOINTED)
- ⑥ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12 (GUTTER FLAG THICKNESS TO MATCH ADJACENT PAVEMENT, 8") (GUTTER FLAG SLOPE TO MATCH ADJACENT PAVEMENT, 2% AWAY FROM FACE)
- ⑦ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (GUTTER FLAG THICKNESS TO MATCH ADJACENT PAVEMENT, 8") (GUTTER FLAG SLOPE TO MATCH ADJACENT PAVEMENT, 2% AWAY FROM FACE)



FILE NAME = L:\Carbondale\19007402-00\Draw\Roadway	USER NAME = Brian Bond CADD_Sheets\09-shr-typical02.dgn	DESIGNED - BMB	REVISED -	CITY OF CARBONDALE CARBONDALE, ILLINOIS	TYPICAL SECTIONS CHAUTAUQUA STREET AND McLAFFERTY ROAD ROUNDABOUT				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RSH	REVISED -						9712	18-00137-00-PV	JACKSON	35	9
		PLOT SCALE = 10.0000' / in.	CHECKED - SPH		CONTRACT NO. 99639				ILLINOIS FED. AID PROJECT				
		PLOT DATE = 3/19/2020	DATE = 3/20/20		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		

EARTHWORK

STATION / LOCATION			EARTH EXCAVATION	FOR INFORMATION ONLY		
				EARTH EXCAVATION ADJUSTED FOR 25% SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) SHORTAGE (-)
STATION	TO	STATION	(CU YD)	(CU YD)	(CU YD)	(CU YD)
CHAUTAUQUA STREET						
301+95.58	-	304+00.00	292	219	39	180
306+00.00	-	307+64.90	413	310	2	308
McLAFFERTY ROAD / BRIARWOOD DRIVE						
200+50.00	-	204+43.52	870	653	1,233	-581
TOTALS			1,575	1,181	1,274	-93

1. ASSUMED SHRINKAGE FACTOR IS 25%
2. EARTH EXCAVATION TO BE USED AS EMBANKMENT = EARTH EXCAVATION X 75%
3. EARTHWORK BALANCE = EMBANKMENT - (EARTH EXCAVATION X 75%)
4. ASSUMING McLAFFERTY IS CONSTRUCTED BEFORE CHAUTAUQUA PER THE STAGING PLANS, THE REQUIRED FURNISHED EXCAVATION BALANCE IS HIGHER THAN THE OVERALL BALANCE
5. ASSUME THAT THE REQUIRED FURNISHED EXCAVATION IS ROUNDED UP TO 600 CU. YD. FROM 581 CU. YD.

TREE REMOVAL

STATION / LOCATION			TREE REMOVAL (6 TO 15 UNITS)	TREE REMOVAL (OVER 15 UNITS)	TREE REMOVAL
			(UNIT)	(UNIT)	(ACRE)
CHAUTAUQUA STREET					
302+14.48, 37.22' LT.			9		
303+30.12, 24.52' RT.				24	
303+41.89, 28.58' RT.				25	
303+88.73, 50.33' RT.			10		
304+10.73, 41.58' RT.				34	
305+22.16, 22.70' RT.			14		
301+95.58	-	307+64.90			0.05
McLAFFERTY ROAD / BRIARWOOD DRIVE					
200+50.00	-	204+43.52			0.20
TOTALS			33	83	0.25

DRAINAGE STRUCTURES

STATION / LOCATION			PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	CONCRETE COLLAR	CONTROLLED LOW-STRENGTH MATERIAL	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	INLETS, SPECIAL (5' WIDTH)
			(EACH)	(CU YD)	(CU YD)	(EACH)	(EACH)	(EACH)
CHAUTAUQUA STREET								
301+95.58	-	307+64.90	1	0.3		3	1	5
McLAFFERTY ROAD / BRIARWOOD DRIVE								
200+50.00	-	204+43.52		0.6				2
NOMINAL QUANTITY					15			
TOTALS			1	0.9	15	3	1	7

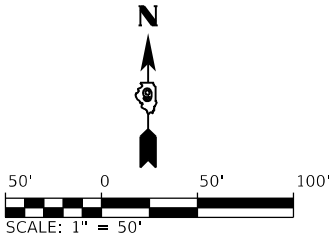
DRAINAGE PIPES

STATION / LOCATION			TRENCH BACKFILL	STORM SEWER, CLASS A, TYPE I	
				12"	15"
STATION	TO	STATION	(CU YD)	(FOOT)	(FOOT)
CHAUTAUQUA STREET					
301+95.58	-	307+64.90	122.6	128	152
McLAFFERTY ROAD / BRIARWOOD DRIVE					
200+50.00	-	204+43.52			4
TOTALS			122.6	128	156

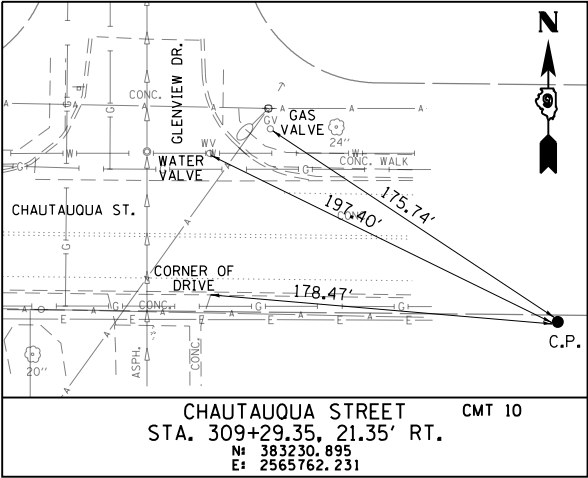
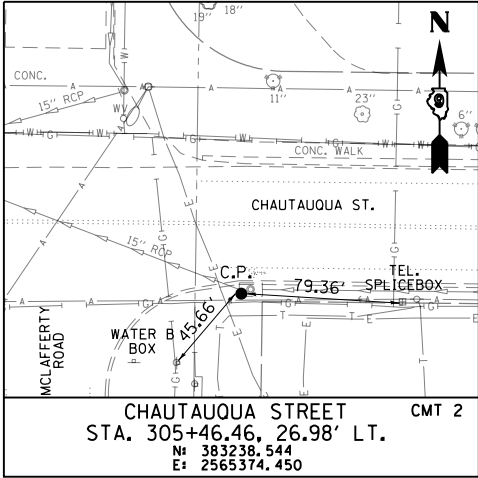
REMAINDER OF TRENCH BACKFILL QUANTITY IS FOR STORM SEWER REMOVAL

PROP. CURVE PR_CHAUT-1
PI STA. = 303+23.58
Δ = 13° 28' 52" (RT)
D = 5° 43' 46"
R = 1,000.00'
T = 118.19'
L = 235.29'
E = 6.96'
P.C. STA. = 302+05.39
P.T. STA. = 304+40.68

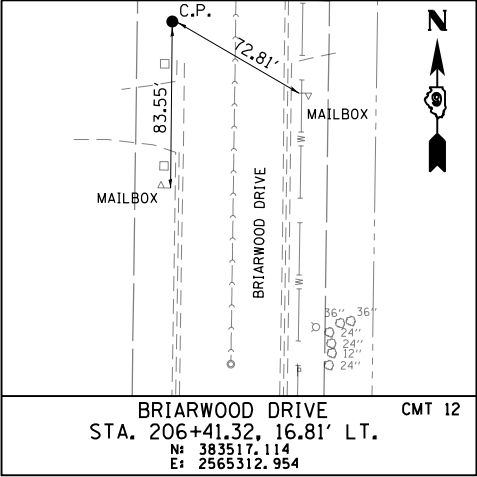
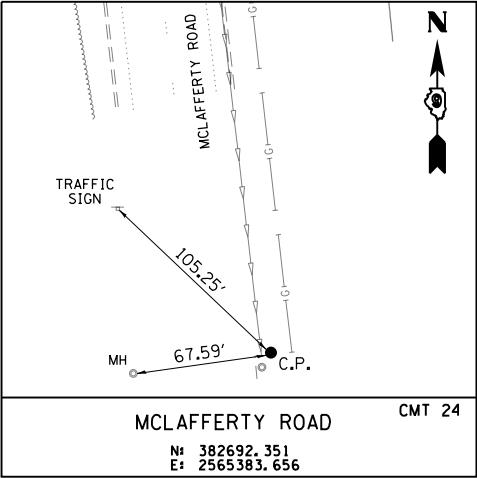
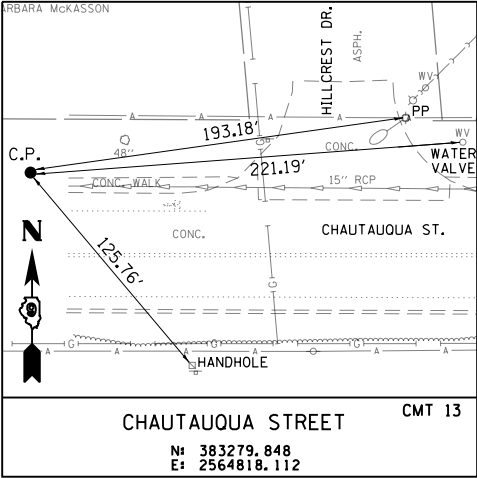
PROP. CURVE PR_CHAUT-2
PI STA. = 306+47.66
Δ = 24° 59' 50" (RT)
D = 11° 34' 30"
R = 495.00'
T = 109.73'
L = 215.96'
E = 12.02'
P.C. STA. = 305+37.93
P.T. STA. = 307+53.90



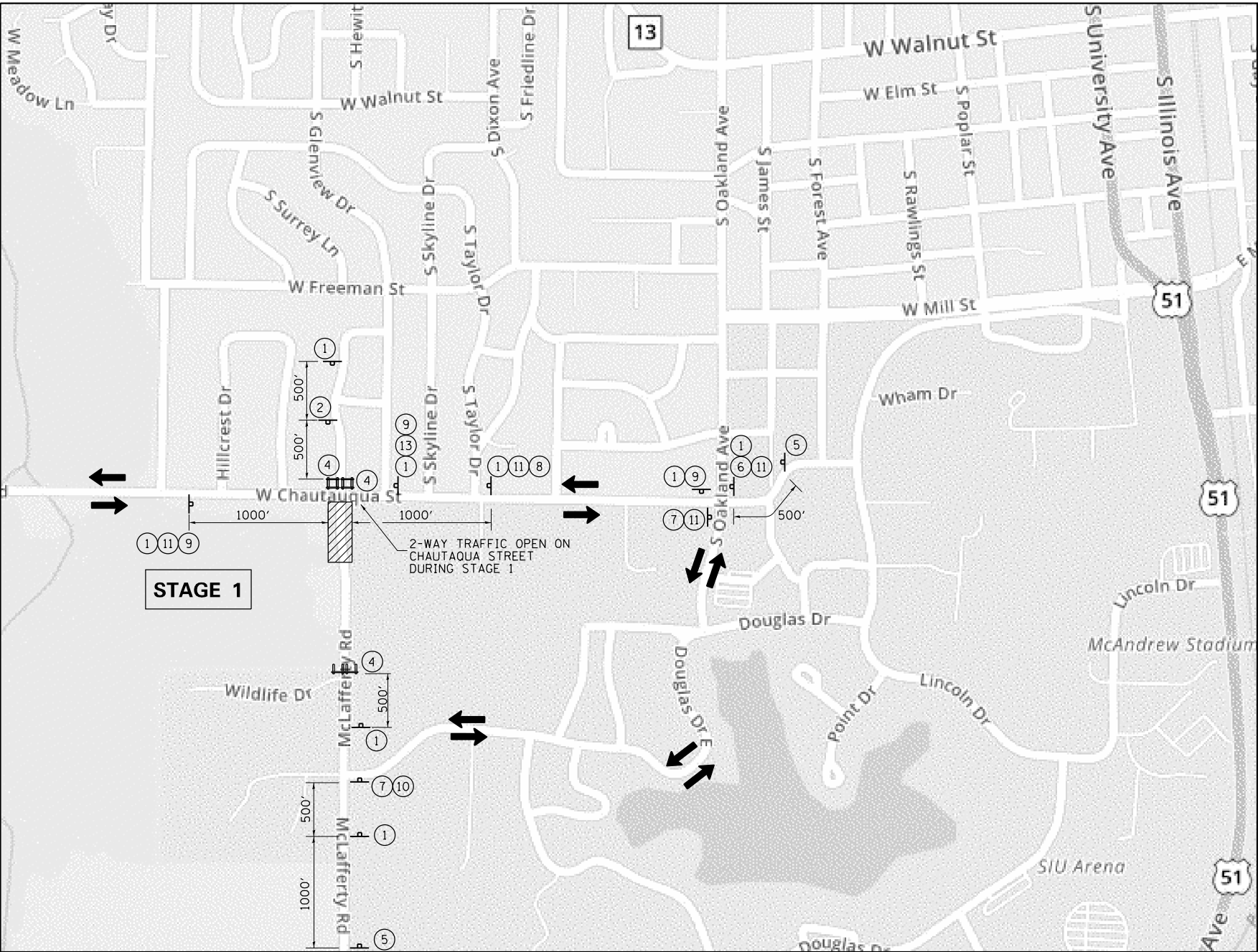
BENCHMARKS			
BENCHMARK	STATION / OFFSET	LOCATION / DESCRIPTION	ELEVATION
"1"	STA. 300+74, 40' LT.	FIRE HYDRANT HEADBOLT	461.55
"2"	STA. 205+63, 22' RT.	FIRE HYDRANT HEADBOLT	477.08



CMT 24
N: 382692.351
E: 2565383.656
ELEV = 462.30



FILE NAME = L:\Carbondale\19007402-00\Draw\Roadway	USER NAME = Brian Bond CADD Sheets\09-shr-ATB.dgn	DESIGNED - BMB	REVISED -	CITY OF CARBONDALE CARBONDALE, ILLINOIS	ALIGNMENT, TIES AND BENCHMARKS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RSH	REVISED -				9712	18-00137-00-PV	JACKSON	35	11
		PLOT SCALE = 100.0000' / in.	CHECKED - SPH				CONTRACT NO. 99639				
Default	PLOT DATE = 3/19/2020	DATE - 3/20/20	REVISED -		SCALE: 1" = 50'	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



STAGE 1

2-WAY TRAFFIC OPEN ON CHAUTAUQUA STREET DURING STAGE 1

LEGEND



WORK AREA



SIGN PANEL ON PERMANENT SUPPORT



TYPE III BARRICADE W/ TYPE A FLASHING LIGHTS



ALTERNATE ROUTING

STAGE 1 NOTES

- CONSTRUCTION OF THE SOUTH LEG (MCLAFFERTY ROAD) SHALL BE COMPLETED BEFORE CONSTRUCTION OF THE EAST AND WEST LEGS (CHAUTAUQUA STREET) CAN COMMENCE IN STAGE 2 TO LIMIT THE DURATION OF CHAUTAUQUA STREET ROAD CLOSURE.
- SOUTH BRIARWOOD DRIVE (NORTH LEG) TO BE CLOSED STARTING IN THIS STAGE.
- SEE MAINTENANCE OF TRAFFIC STAGE 1 ENLARGEMENT FOR MORE INFORMATION.

STAGE 1
MAINTENANCE OF TRAFFIC GENERAL NOTES

- ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2016, THE DETAILS IN THESE PLANS AND THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
- THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST TWO WEEKS PRIOR TO THE DAY THAT ANY ROAD IS TO BE CLOSED OR RE-OPENED TO THE PUBLIC. THE ENGINEER WILL COORDINATE WITH THE CITY AND ANY APPROPRIATE LOCAL AGENCIES.
- THE CONTRACTOR SHALL SUPPLY TO THE ENGINEER THE NAMES AND PHONE NUMBERS OF HIS REPRESENTATIVES ON THE CONSTRUCTION SITE AND HIS REPRESENTATIVES RESPONSIBLE FOR THE DETOUR SIGNING AND MAINTENANCE OF TRAFFIC PRIOR TO THE START OF WORK.
- LONGITUDINAL DIMENSIONS SHOWN ON THESE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- THE ROAD SHALL NOT BE CLOSED UNTIL ALL SIGNING IS ERECTED IN ACCORDANCE WITH THE DETOUR PLAN FOR THAT STAGE AND SIGNING HAS BEEN INSPECTED AND APPROVED BY THE ENGINEER.
- ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE ROAD CLOSURE IS IN EFFECT SHALL BE REMOVED OR COVERED BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
- AS A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THE CLOSURE SIGNAGE SHALL MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS PER ARTICLE 1106.02(g) OF THE STANDARD SPECIFICATIONS. ALL LIGHTS SHALL OPERATE DURING HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND THE CITY SHALL BE USED.
- THE TYPE III BARRICADES USED AT POINTS OF CLOSURE TO THRU TRAFFIC ONLY SHALL NOT EXCEED 8 FEET IN WIDTH FOR A SINGLE APPROACH LANE. ALL BARRICADES AT THESE LOCATIONS SHALL HAVE REFLECTORIZED STRIPING ON BOTH SIDES OF THE BARRICADE.
- THE "ROAD CLOSED" SIGN ON A TYPE III BARRICADE SHALL BE MOUNTED ACCORDING TO STANDARD 701901.
- CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IMMEDIATELY BEHIND THE TYPE III BARRICADES DURING NON-WORKING HOURS. IN ANY EVENT, ARTICLES 701 THRU 703 OF THE STANDARD SPECIFICATIONS SHALL APPLY.
- THE CONTRACTOR SHALL COORDINATE UNINTERRUPTED MAIL SERVICE DURING CONSTRUCTION OPERATIONS.



W20-3 (0) (3636)
POST MOUNTED
W/ LIGHT

SIGN PANEL No. 1



W20-3 (3636)
POST MOUNTED
W/ LIGHT

SIGN PANEL No. 2



ROAD CLOSED
TO THRU
TRAFFIC

R11-4 (6030)
BARRICADE MOUNTED
W/ LIGHTS

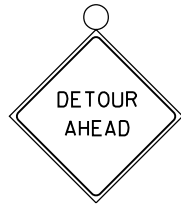
SIGN PANEL No. 3



ROAD CLOSED

R11-2 (4830)
BARRICADE MOUNTED
W/ LIGHTS

SIGN PANEL No. 4



DETOUR
AHEAD

W20-2a (3636)
POST MOUNTED
W/ LIGHT

SIGN PANEL No. 5



M4-9L
30" X 24"

SIGN PANEL No. 6



M4-9R
30" X 24"

SIGN PANEL No. 7



M6-1L (0) (2115)
POST MOUNTED

SIGN PANEL No. 8



M6-1R (0) (2115)
POST MOUNTED

SIGN PANEL No. 9



W21-18 (0) (4818)
POST MOUNTED

SIGN PANEL No. 10

MCLAFFERTY RD.

W21-18 (0) (4818)
POST MOUNTED

SIGN PANEL No. 11

DETOUR

M4-8 (0) (3015)
POST MOUNTED

SIGN PANEL No. 12

S. BRIARWOOD DR.

W21-18 (0) (4818)
POST MOUNTED

SIGN PANEL No. 13

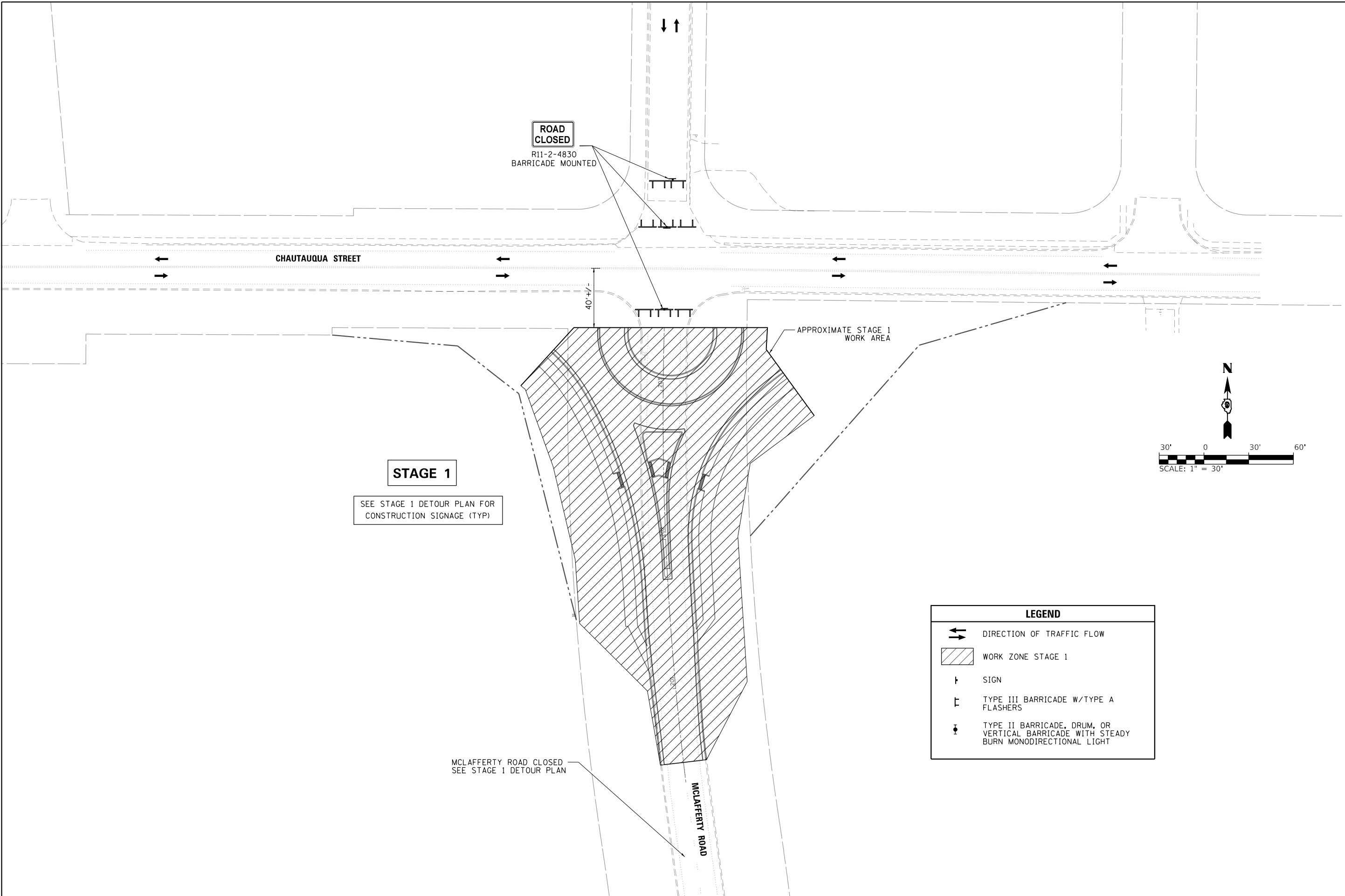
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	PLOT DATE = 3/19/2020	DATE - 3/20/20	REVISED -

CITY OF CARBONDALE
CARBONDALE, ILLINOIS

CONSTRUCTION STAGING AND MAINTENANCE OF TRAFFIC

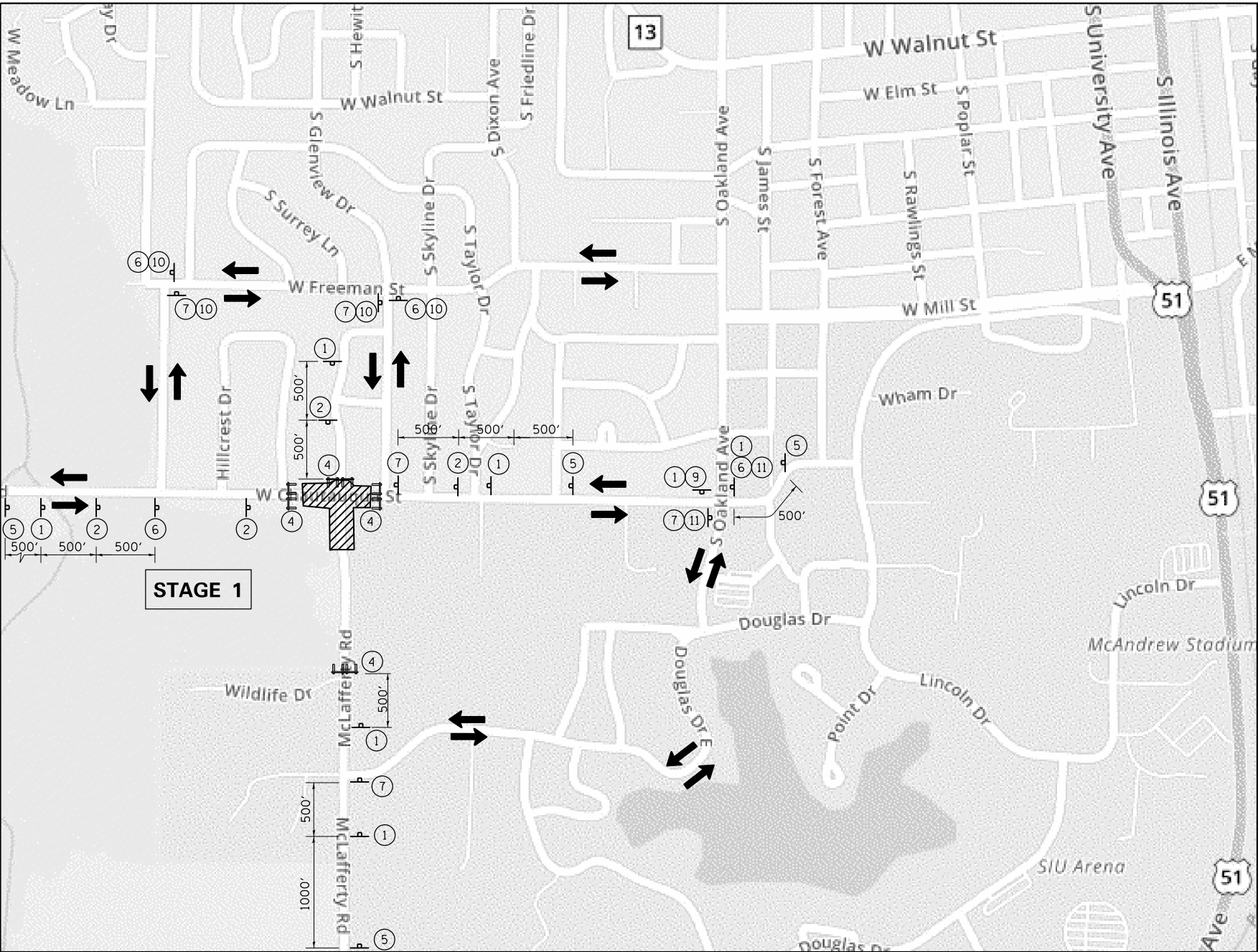
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9712	18-00137-00-PV	JACKSON	35	12
CONTRACT NO. 99639				
ILLINOIS FED. AID PROJECT				



LEGEND	
	DIRECTION OF TRAFFIC FLOW
	WORK ZONE STAGE 1
	SIGN
	TYPE III BARRICADE W/TYPE A FLASHERS
	TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT

FILE NAME =	USER NAME = Brian Bond	DESIGNED - BMB	REVISED -	CITY OF CARBONDALE CARBONDALE, ILLINOIS	CONSTRUCTION STAGING & MAINTENANCE OF TRAFFIC				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT DATE = 3/19/2020	DATE - 3/20/20	REVISED -						ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.			



LEGEND



WORK AREA



SIGN PANEL ON
PERMANENT SUPPORT



TYPE III BARRICADE W/
TYPE A FLASHING LIGHTS



ALTERNATE ROUTING

STAGE 2 NOTES

1. STAGE 2 INCLUDES COMPLETE CLOSURE OF CHAUTAUQUA STREET AND MCLAFFERTY INTERSECTION TO COMPLETE REMAINING WORK AFTER STAGE 1.
2. DETOUR ROUTES ARE REQUIRED FOR MCLAFFERTY/BRIARWOOD AND CHAUTAUQUA STREET.

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2016, THE DETAILS IN THESE PLANS AND THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
2. THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST TWO WEEKS PRIOR TO THE DAY THAT ANY ROAD IS TO BE CLOSED OR RE-OPENED TO THE PUBLIC. THE ENGINEER WILL COORDINATE WITH THE CITY AND ANY APPROPRIATE LOCAL AGENCIES.
3. THE CONTRACTOR SHALL SUPPLY TO THE ENGINEER THE NAMES AND PHONE NUMBERS OF HIS REPRESENTATIVES ON THE CONSTRUCTION SITE AND HIS REPRESENTATIVES RESPONSIBLE FOR THE DETOUR SIGNING AND MAINTENANCE OF TRAFFIC PRIOR TO THE START OF WORK.
4. LONGITUDINAL DIMENSIONS SHOWN ON THESE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
5. THE ROAD SHALL NOT BE CLOSED UNTIL ALL SIGNING IS ERECTED IN ACCORDANCE WITH THE DETOUR PLAN FOR THAT STAGE AND SIGNING HAS BEEN INSPECTED AND APPROVED BY THE ENGINEER.
6. ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE ROAD CLOSURE IS IN EFFECT SHALL BE REMOVED OR COVERED BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
7. AS A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THE CLOSURE SIGNAGE SHALL MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS PER ARTICLE 1106.02(g) OF THE STANDARD SPECIFICATIONS. ALL LIGHTS SHALL OPERATE DURING HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND THE CITY SHALL BE USED.
8. THE TYPE III BARRICADES USED AT POINTS OF CLOSURE TO THRU TRAFFIC ONLY SHALL NOT EXCEED 8 FEET IN WIDTH FOR A SINGLE APPROACH LANE. ALL BARRICADES AT THESE LOCATIONS SHALL HAVE REFLECTORIZED STRIPING ON BOTH SIDES OF THE BARRICADE.
9. THE "ROAD CLOSED" SIGN ON A TYPE III BARRICADE SHALL BE MOUNTED ACCORDING TO STANDARD 701901.
10. CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IMMEDIATELY BEHIND THE TYPE III BARRICADES DURING NON-WORKING HOURS. IN ANY EVENT, ARTICLES 701 THRU 703 OF THE STANDARD SPECIFICATIONS SHALL APPLY.
11. THE CONTRACTOR SHALL COORDINATE UNINTERRUPTED MAIL SERVICE DURING CONSTRUCTION OPERATIONS.



W20-3 (0) (3636)
POST MOUNTED
W/ LIGHT

SIGN PANEL No. 1



W20-3 (3636)
POST MOUNTED
W/ LIGHT

SIGN PANEL No. 2



ROAD CLOSED
TO THRU
TRAFFIC

R11-4 (6030)
BARRICADE MOUNTED
W/ LIGHTS

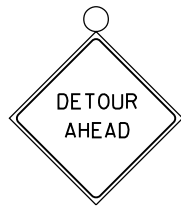
SIGN PANEL No. 3



ROAD CLOSED

R11-2 (4830)
BARRICADE MOUNTED
W/ LIGHTS

SIGN PANEL No. 4



DETOUR
AHEAD

W20-2a (3636)
POST MOUNTED
W/ LIGHT

SIGN PANEL No. 5



M4-9L
30" X 24"

SIGN PANEL No. 6



M4-9R
30" X 24"

SIGN PANEL No. 7



M6-1L (0) (2115)
POST MOUNTED

SIGN PANEL No. 8



M6-1R (0) (2115)
POST MOUNTED

SIGN PANEL No. 9



W21-18 (0) (4818)
POST MOUNTED

SIGN PANEL No. 10

MCLAFFERTY RD.

W21-18 (0) (4818)
POST MOUNTED

SIGN PANEL No. 11

DETOUR

M4-8 (0) (3015)
POST MOUNTED

SIGN PANEL No. 12

S. BRIARWOOD DR.

W21-18 (0) (4818)
POST MOUNTED

SIGN PANEL No. 13

CONSTRUCTION STAGING & MAINTENANCE OF TRAFFIC

SCALE: SHEET OF SHEETS STA. TO STA.

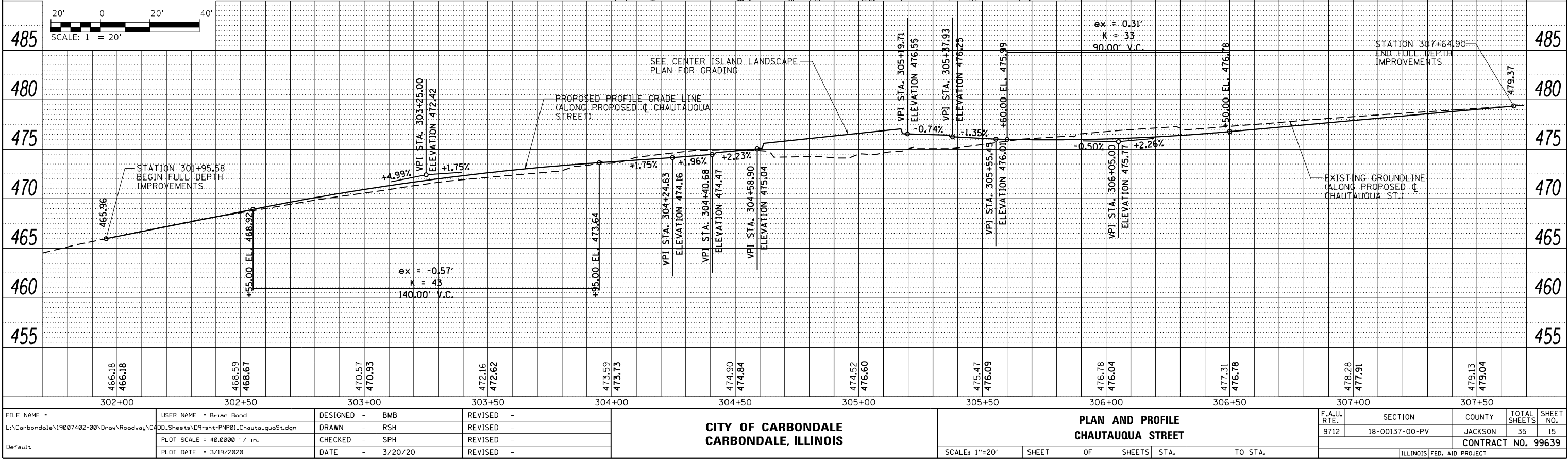
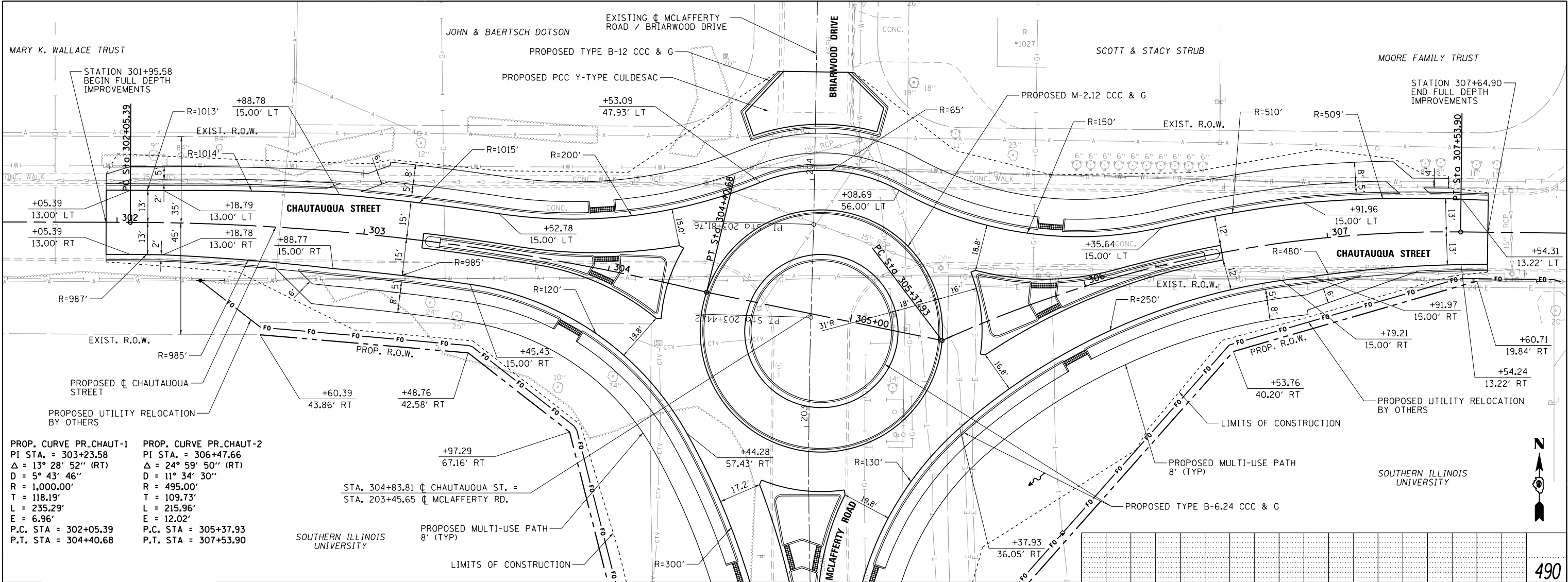
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9712	18-00137-00-PV	JACKSON	35	14
CONTRACT NO. 99639				
ILLINOIS FED. AID PROJECT				

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Default	PLOT SCALE = 60000.0000' / in.	CHECKED - SPH	REVISED -
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CITY OF CARBONDALE
CARBONDALE, ILLINOIS

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	CHECKED		
	FILE NAME		

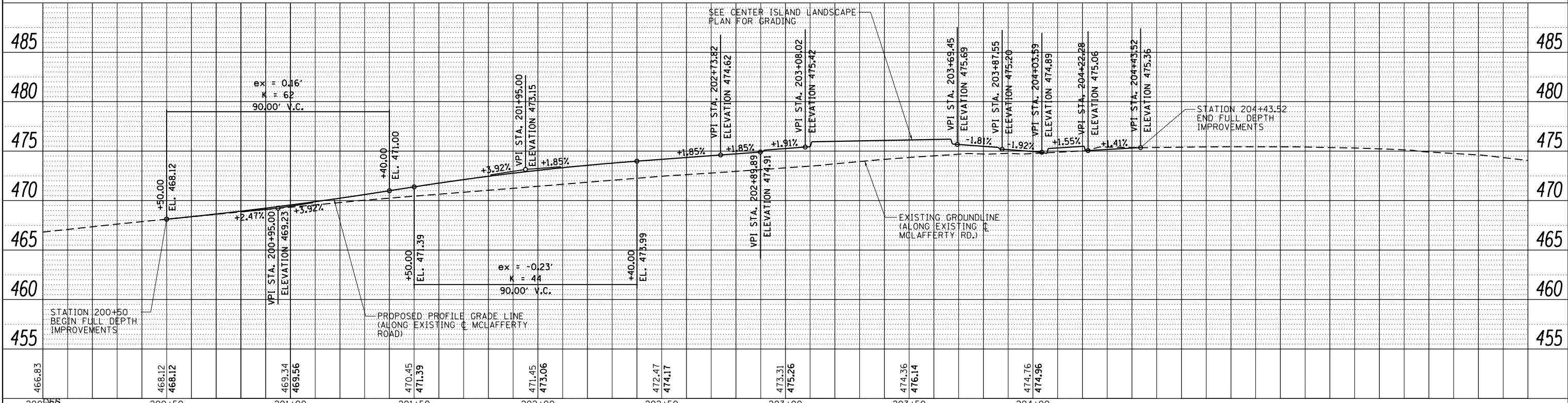
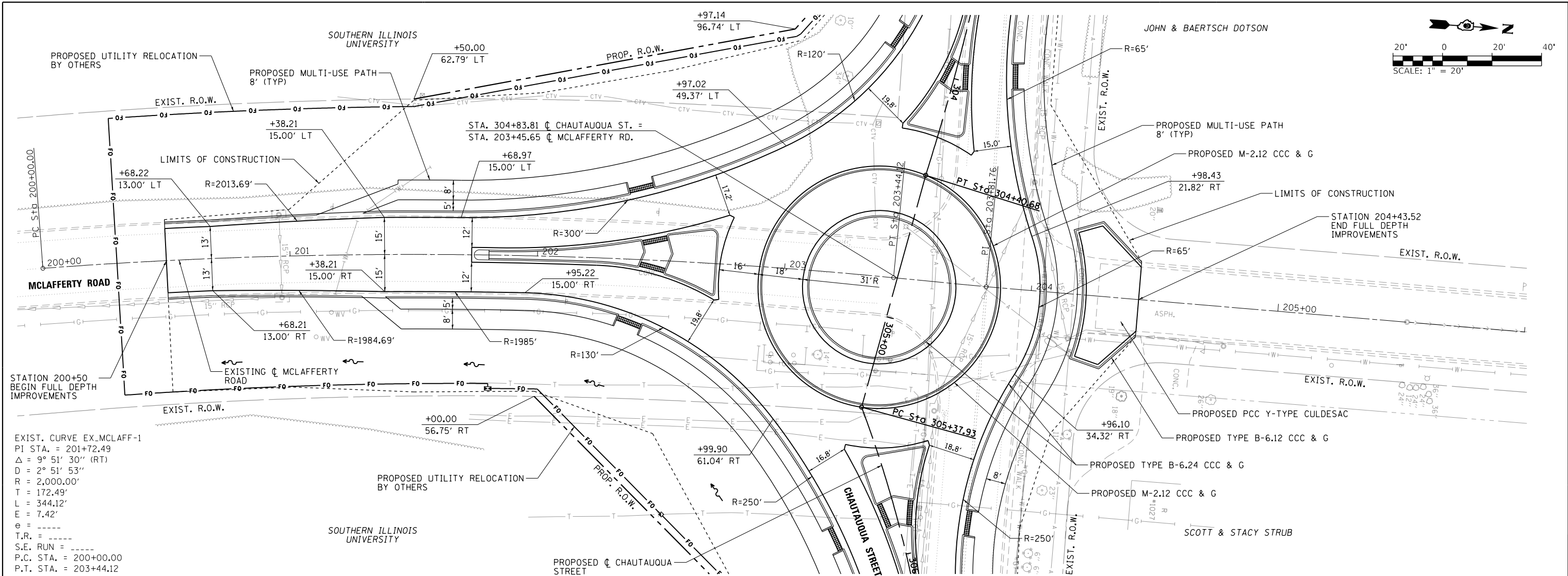
PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	STRUCTURE		
	NOTATION CHKD		



FILE NAME =	USER NAME = Brian Bond	DESIGNED - BMB	REVISED -	CITY OF CARBONDALE CARBONDALE, ILLINOIS	PLAN AND PROFILE CHAUTAUQUA STREET	SCALE: 1"=20'	SHEET	OF	SHEETS	STA.	TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED		
NO.	CADD FILE NAME		

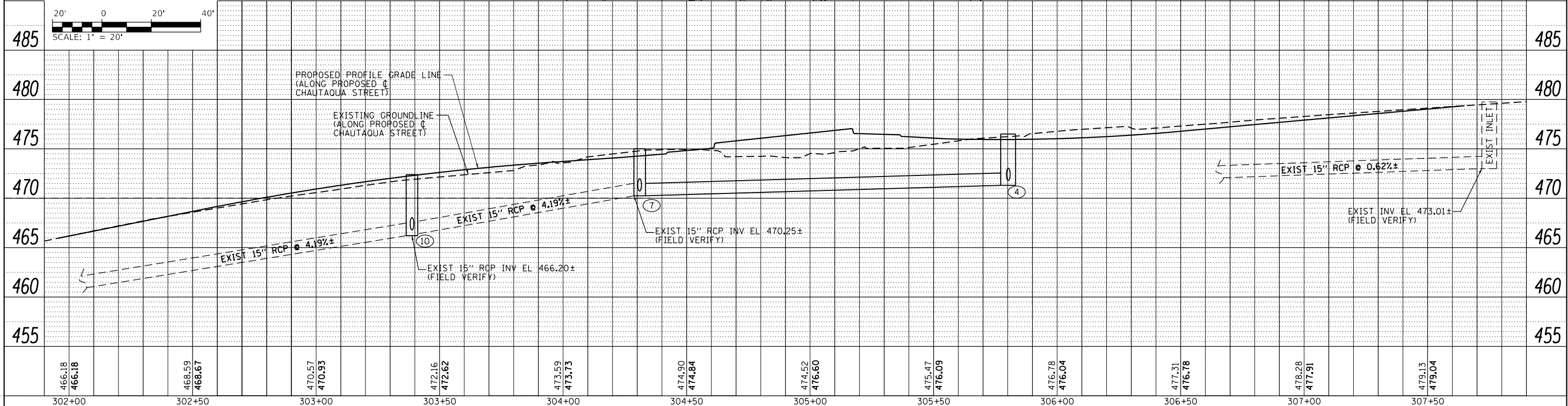
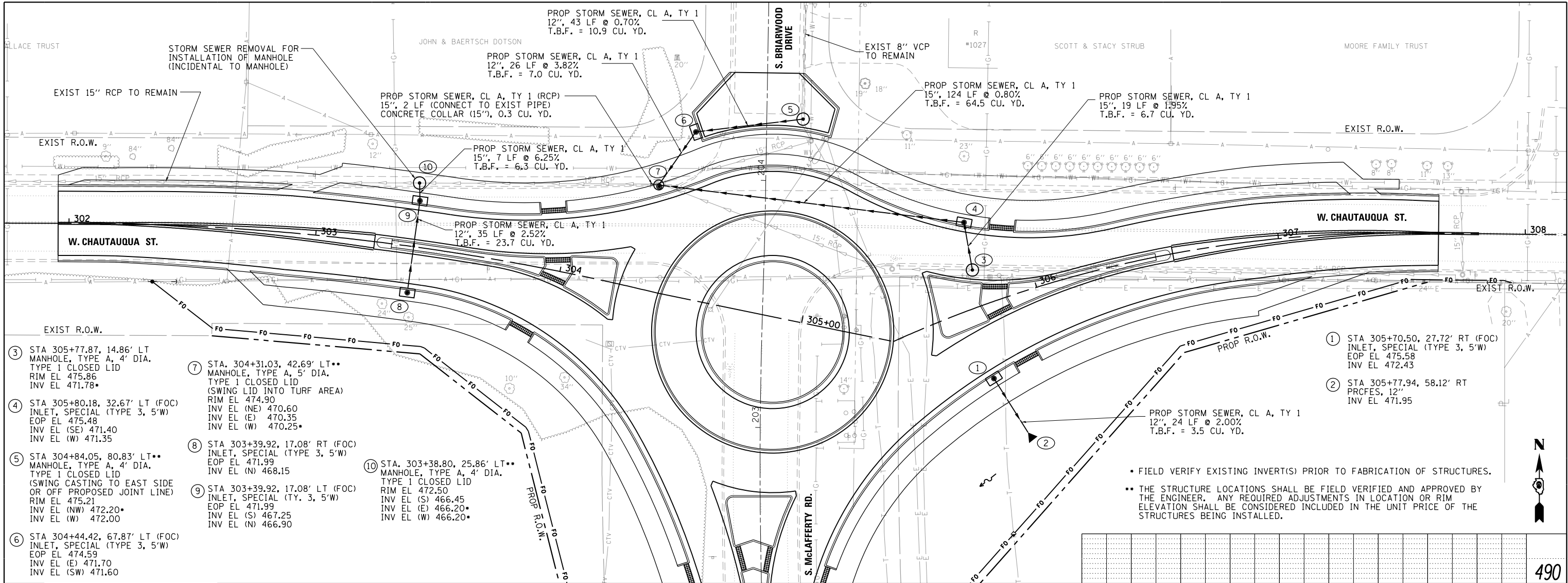
PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	STRUCTURE NOTATIONS CHKD		



FILE NAME =	USER NAME = Brian Bond	DESIGNED - BMB	REVISED -	CITY OF CARBONDALE CARBONDALE, ILLINOIS	PLAN AND PROFILE McLAFFERTY ROAD	SCALE: 1"=20'	SHEET OF SHEETS	STA. TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 3/19/2020	DATE - 3/20/20	REVISED -						ILLINOIS FED. AID PROJECT				

PLAN	DATE	BY
SURVEYED		
PLOTTED		
ALIGNED		
CHECKED		
NO.		

PROFILE	DATE	BY
SURVEYED		
PLOTTED		
GRADES		
CHECKED		
NO.		



FILE NAME =	USER NAME = Brian Bond	DESIGNED - BMB	REVISED -
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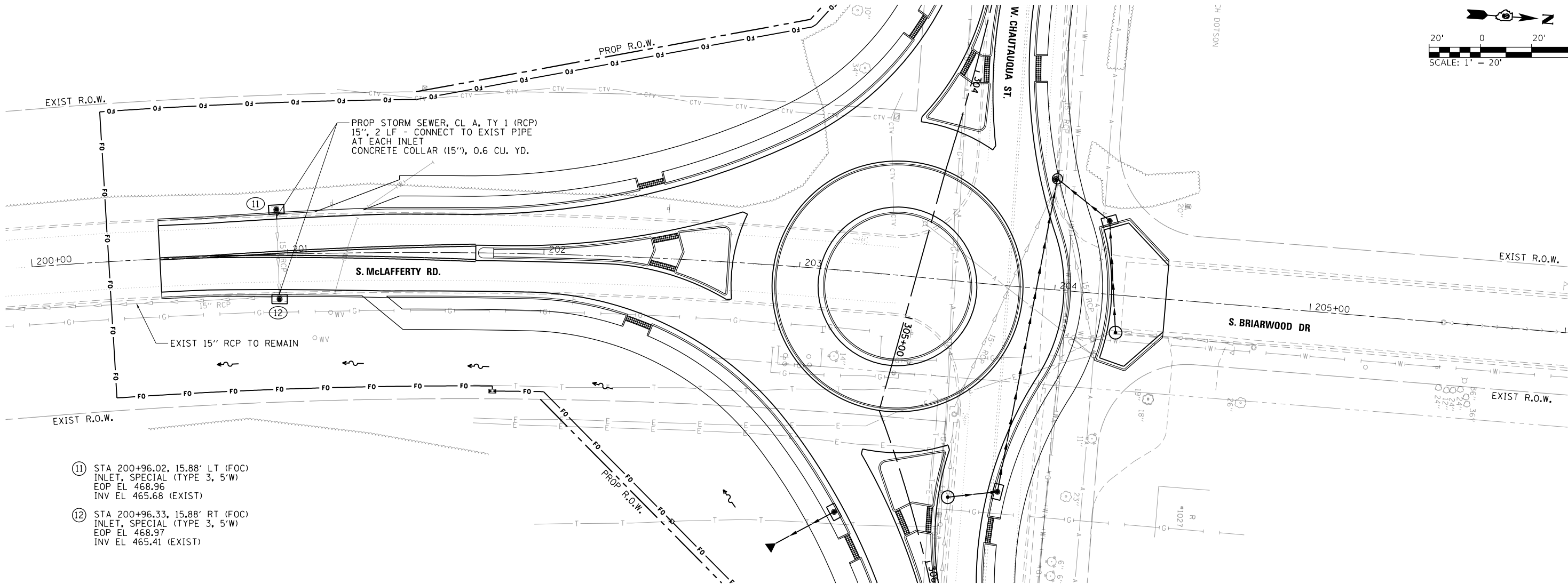
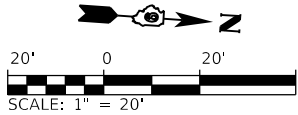
CITY OF CARBONDALE CARBONDALE, ILLINOIS		DRAINAGE PLAN AND PROFILE CHAUTAUQUA STREET	
SCALE: 1"=20'	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9712	18-00137-00-PV	JACKSON	35	17
CONTRACT NO. 99639				

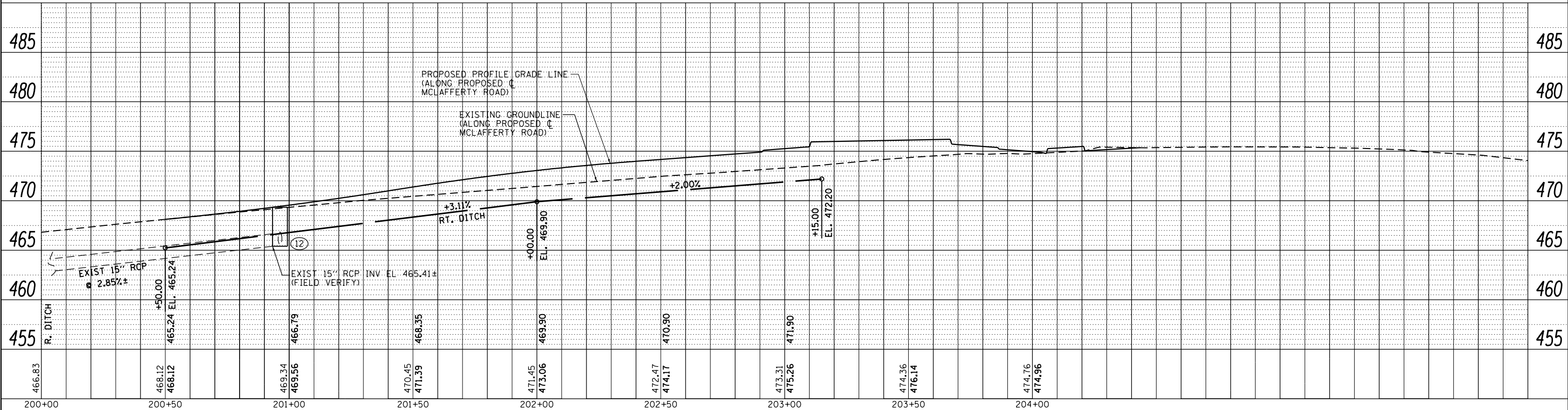
ILLINOIS	FED. AID PROJECT
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PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	ALIGNED		
	CHECKED		
	FILED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
	CHKD		



- ⑪ STA 200+96.02, 15.88' LT (FOC)
INLET, SPECIAL (TYPE 3, 5'W)
EOP EL 468.96
INV EL 465.68 (EXIST)
- ⑫ STA 200+96.33, 15.88' RT (FOC)
INLET, SPECIAL (TYPE 3, 5'W)
EOP EL 468.97
INV EL 465.41 (EXIST)



FILE NAME =	USER NAME = Brian Bond	DESIGNED - BMB	REVISED -	CITY OF CARBONDALE CARBONDALE, ILLINOIS	DRAINAGE PLAN AND PROFILE McLAFFERTY ROAD					F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 3/19/2020	DATE - 3/20/20	REVISED -		SCALE: 1"=20'	SHEET	OF	SHEETS	STA.	TO	STA.			

WATERMAIN

ROUTE	FROM		TO		POTENTIAL CONFLICT	DESCRIPTION
	STATION	OFFSET	STATION	OFFSET		
MCLAFFERTY RD	201+09.88	32.91' R			GRADE/DEPTH	FIRE HYDRANT
MCLAFFERTY RD	201+16.32	23.13' R			GRADE/DEPTH	WATER VALVE
MCLAFFERTY RD	201+18.06	15.80' R	201+56.61	35.29' L	GRADE/DEPTH	CROSSES MCLAFFERTY RD
MCLAFFERTY RD	204+05.05	18.26' R	204+43.52	17.81' R	GRADE/DEPTH	PARALLEL TO MCLAFFERTY RD
MCLAFFERTY RD	204+08.95	17.94' R			GRADE/DEPTH	WATER VALVE
CHAUTAUQUA ST	304+49.35	53.31' L	304+97.05	62.98' L	GRADE/DEPTH	PARALLEL TO CHAUTAUQUA ST
CHAUTAUQUA ST	305+94.01	49.42' L	307+48.94	20.44' L	GRADE/DEPTH	PARALLEL TO CHAUTAUQUA ST

UNDERGROUND TELEPHONE / FIBER OPTIC / CABLE

ROUTE	FROM		TO		POTENTIAL CONFLICT	DESCRIPTION
	STATION	OFFSET	STATION	OFFSET		
CHAUTAUQUA ST	304+16.08	24.85' R	304+67.83	13.44' R	GRADE/DEPTH	CABLE / FIBER
CHAUTAUQUA ST	304+26.10	24.41' R			GRADE/DEPTH	CABLE HANDHOLE
CHAUTAUQUA ST	305+27.41	20.75' L	305+87.48	7.52' L	GRADE/DEPTH	UNDERGROUND TELEPHONE LINE
CHAUTAUQUA ST	305+83.49	9.81' L			GRADE/DEPTH	TELEPHONE SPLICE BOX
MCLAFFERTY RD	201+48.07	60.55' L	203+30.32	60.94' L	GRADE/DEPTH	CABLE / FIBER
MCLAFFERTY RD	201+73.05	51.67' R	203+58.61	46.51' R	GRADE/DEPTH	UNDERGROUND TELEPHONE LINE
MCLAFFERTY RD	202+70.13	101.25' R	203+62.90	96.24' R	GRADE/DEPTH	UNDERGROUND TELEPHONE LINE

UNDERGROUND ELECTRIC CABLE

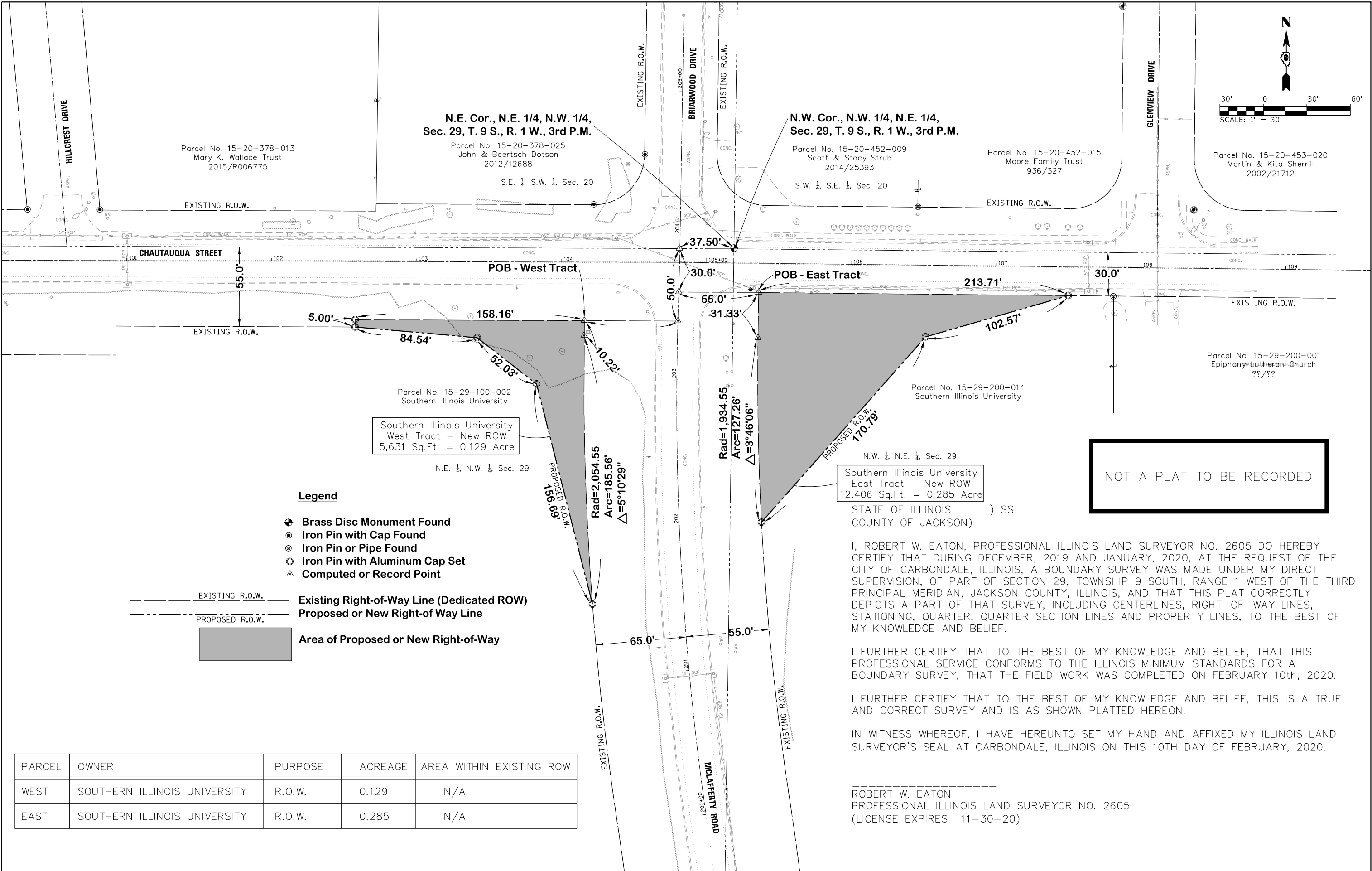
ROUTE	FROM		TO		POTENTIAL CONFLICT	DESCRIPTION
	STATION	OFFSET	STATION	OFFSET		
MCLAFFERTY RD	202+31.03	64.36' R	204+16.31	24.59' R	GRADE/DEPTH	PARALLEL TO MCLAFFERTY RD
MCLAFFERTY RD	202+39.54	66.92' R	203+58.64	66.80' R	GRADE/DEPTH	PARALLEL TO MCLAFFERTY RD
CHAUTAUQUA ST	305+59.21	14.58' L	307+33.27	22.30' R	GRADE/DEPTH	PARALLEL TO CHAUTAUQUA ST

OVERHEAD (AERIAL) ELECTRIC / CABLE

ROUTE	FROM		TO		POTENTIAL CONFLICT	DESCRIPTION
	STATION	OFFSET	STATION	OFFSET		
CHAUTAUQUA ST	302+65.30	21.41' R			GRADE/DEPTH	UTILITY POLE
CHAUTAUQUA ST	304+39.94	6.45' L			GRADE/DEPTH	UTILITY POLE
CHAUTAUQUA ST	304+62.82	2.14' R			GRADE/DEPTH	LIGHT POLE
CHAUTAUQUA ST	304+94.88	74.98' L			GRADE/DEPTH	POWER POLE
CHAUTAUQUA ST	305+73.28	14.26' L			GRADE/DEPTH	UTILITY POLE GUY WIRE
CHAUTAUQUA ST	305+87.18	9.24' L			GRADE/DEPTH	UTILITY POLE
CHAUTAUQUA ST	307+38.13	18.92' R			GRADE/DEPTH	UTILITY POLE

GAS PIPELINE

ROUTE	FROM		TO		POTENTIAL CONFLICT	DESCRIPTION
	STATION	OFFSET	STATION	OFFSET		
CHAUTAUQUA ST	302+55.47	21.36' R	307+45.36	19.23' RT	GRADE/DEPTH	PARALLEL TO CHAUTAUQUA ST
CHAUTAUQUA ST	303+28.45	31.35' L	303+34.96	14.04' R	GRADE/DEPTH	CROSSES CHAUTAUQUA ST
CHAUTAUQUA ST	304+58.79	55.29' L	307+48.92	18.21' L	GRADE/DEPTH	PARALLEL TO CHAUTAUQUA ST
CHAUTAUQUA ST	305+80.86	9.34' L	305+94.77	50.75' L	GRADE/DEPTH	CROSSES CHAUTAUQUA ST
MCLAFFERTY RD	200+50	22.66' R	204+04.07	25.46' R	GRADE/DEPTH	PARALLEL TO MCLAFFERTY RD
MCLAFFERTY RD	202+91.66	22.74' R	203+61.84	37.59' RT	GRADE/DEPTH	PARALLEL TO MCLAFFERTY RD
MCLAFFERTY RD	202+96.96	38.22' R			GRADE/DEPTH	GAS REGULATOR
MCLAFFERTY RD	202+97.02	34.85' R			GRADE/DEPTH	GAS REGULATOR
MCLAFFERTY RD	203+06.26	34.64' R			GRADE/DEPTH	GAS REGULATOR
MCLAFFERTY RD	203+06.85	37.91' R			GRADE/DEPTH	GAS REGULATOR
MCLAFFERTY RD	203+40.56	38.18' R			GRADE/DEPTH	GAS VALVE
MCLAFFERTY RD	203+46.04	33.20' R			GRADE/DEPTH	GAS VALVE



PARCEL	OWNER	PURPOSE	ACREAGE	AREA WITHIN EXISTING ROW
WEST	SOUTHERN ILLINOIS UNIVERSITY	R.O.W.	0.129	N/A
EAST	SOUTHERN ILLINOIS UNIVERSITY	R.O.W.	0.285	N/A

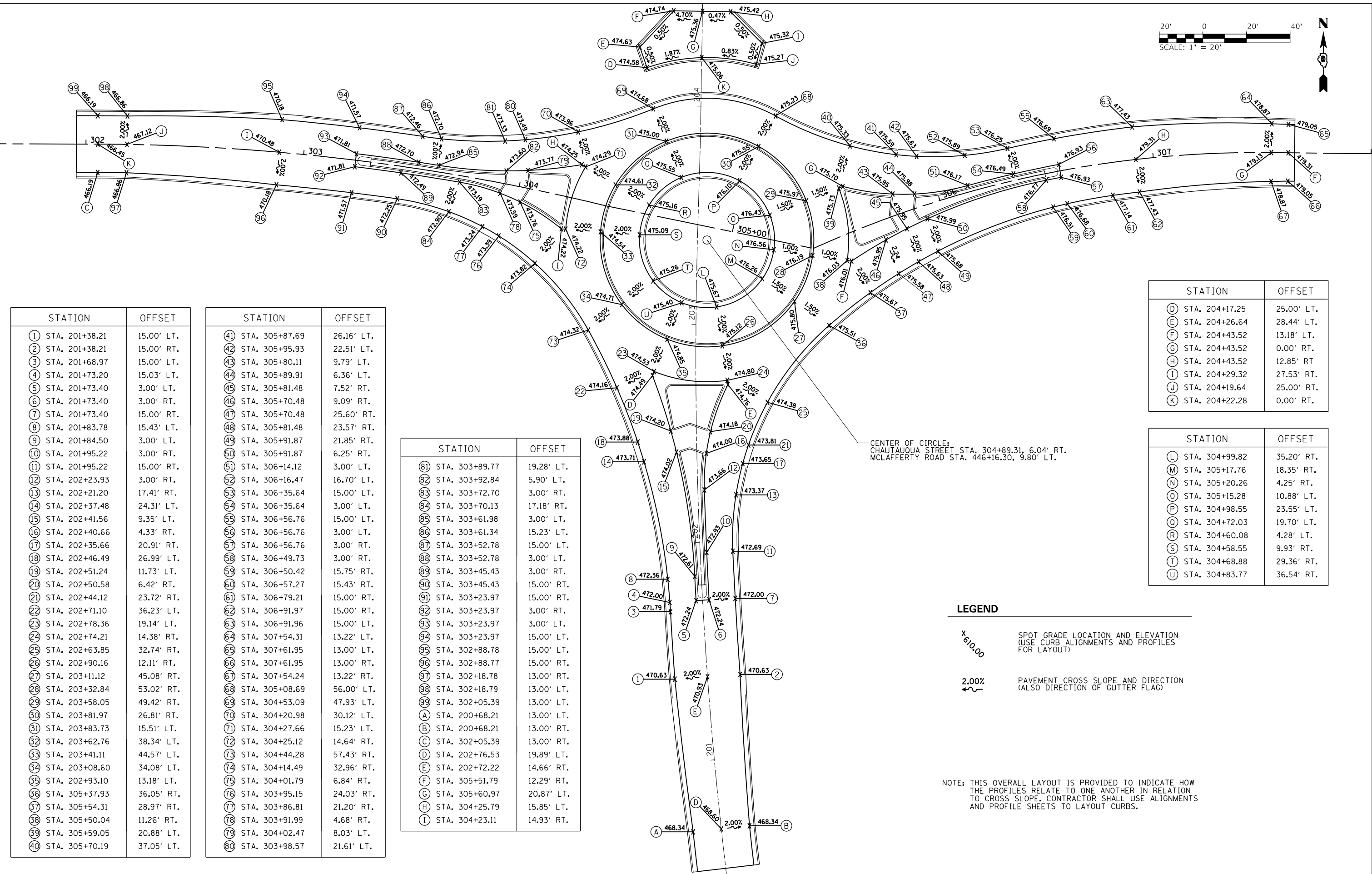
FILE NAME =	USER NAME = Brian Bond	DESIGNED - BMB	REVISED -
L:\Carbondale\19007402-00\Draw\Roadway	CADD_Sheets\09-shr-ROW.dgn	DRAWN - RSH	REVISED -
Default	PLOT SCALE = 60.0000' / in.	CHECKED - SPH	REVISED -
	PLOT DATE = 3/19/2020	DATE - 3/20/20	REVISED -

CITY OF CARBONDALE
CARBONDALE, ILLINOIS

RIGHT OF WAY PLAN

SCALE: 1"=30' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9712	18-00137-00-PV	JACKSON	35	20
CONTRACT NO. 99639				
ILLINOIS FED. AID PROJECT				



STATION	OFFSET
(D) STA. 204+17.25	25.00' LT.
(E) STA. 204+26.64	28.44' LT.
(F) STA. 204+43.52	13.18' LT.
(G) STA. 204+43.52	0.00' RT.
(H) STA. 204+43.52	12.85' RT.
(I) STA. 204+29.32	27.53' RT.
(J) STA. 204+19.64	25.00' RT.
(K) STA. 204+22.28	0.00' RT.

STATION	OFFSET
(L) STA. 304+99.82	35.20' RT.
(M) STA. 305+17.76	18.35' RT.
(N) STA. 305+20.26	4.25' RT.
(O) STA. 305+15.28	10.88' LT.
(P) STA. 304+98.55	23.55' LT.
(Q) STA. 304+72.03	19.70' LT.
(R) STA. 304+60.08	4.28' LT.
(S) STA. 304+58.55	9.93' RT.
(T) STA. 304+68.88	29.36' RT.
(U) STA. 304+83.77	36.54' RT.

STATION	OFFSET
(1) STA. 201+38.21	15.00' LT.
(2) STA. 201+38.21	15.00' RT.
(3) STA. 201+68.97	15.00' LT.
(4) STA. 201+73.20	15.03' LT.
(5) STA. 201+73.40	3.00' LT.
(6) STA. 201+73.40	3.00' RT.
(7) STA. 201+73.40	15.00' RT.
(8) STA. 201+83.78	15.43' LT.
(9) STA. 201+84.50	3.00' LT.
(10) STA. 201+95.22	3.00' RT.
(11) STA. 201+95.22	15.00' RT.
(12) STA. 202+23.93	3.00' RT.
(13) STA. 202+21.20	17.41' RT.
(14) STA. 202+37.48	24.31' LT.
(15) STA. 202+41.56	9.35' LT.
(16) STA. 202+40.66	4.33' RT.
(17) STA. 202+35.66	20.91' RT.
(18) STA. 202+46.49	26.99' LT.
(19) STA. 202+51.24	11.73' LT.
(20) STA. 202+50.58	6.42' RT.
(21) STA. 202+44.12	23.72' RT.
(22) STA. 202+71.10	36.23' LT.
(23) STA. 202+78.36	19.14' LT.
(24) STA. 202+74.21	14.38' RT.
(25) STA. 202+63.85	32.74' RT.
(26) STA. 202+90.16	12.11' RT.
(27) STA. 203+11.12	45.08' RT.
(28) STA. 203+32.84	53.02' RT.
(29) STA. 203+58.05	49.42' RT.
(30) STA. 203+81.97	26.81' RT.
(31) STA. 203+83.73	15.51' LT.
(32) STA. 203+62.76	38.34' LT.
(33) STA. 203+41.11	44.57' LT.
(34) STA. 203+08.60	34.08' LT.
(35) STA. 202+93.10	13.18' LT.
(36) STA. 305+37.93	36.05' RT.
(37) STA. 305+54.31	28.97' RT.
(38) STA. 305+50.04	11.26' RT.
(39) STA. 305+59.05	20.88' LT.
(40) STA. 305+70.19	37.05' LT.

STATION	OFFSET
(41) STA. 305+87.69	26.16' LT.
(42) STA. 305+95.93	22.51' LT.
(43) STA. 305+80.11	9.79' LT.
(44) STA. 305+89.91	6.36' LT.
(45) STA. 305+81.48	7.52' RT.
(46) STA. 305+70.48	9.09' RT.
(47) STA. 305+70.48	25.60' RT.
(48) STA. 305+81.48	23.57' RT.
(49) STA. 305+91.87	21.85' RT.
(50) STA. 305+91.87	6.25' RT.
(51) STA. 306+14.12	3.00' LT.
(52) STA. 306+16.47	16.70' LT.
(53) STA. 306+35.64	15.00' LT.
(54) STA. 306+35.64	3.00' LT.
(55) STA. 306+56.76	15.00' LT.
(56) STA. 306+56.76	3.00' LT.
(57) STA. 306+56.76	3.00' RT.
(58) STA. 306+49.73	3.00' RT.
(59) STA. 306+50.42	15.75' RT.
(60) STA. 306+57.27	15.43' RT.
(61) STA. 306+79.21	15.00' RT.
(62) STA. 306+91.97	15.00' RT.
(63) STA. 306+91.96	15.00' LT.
(64) STA. 307+54.31	13.22' LT.
(65) STA. 307+61.95	13.00' LT.
(66) STA. 307+61.95	13.00' RT.
(67) STA. 307+54.24	13.22' RT.
(68) STA. 305+08.69	56.00' LT.
(69) STA. 304+53.09	47.93' LT.
(70) STA. 304+20.98	30.12' LT.
(71) STA. 304+27.66	15.23' LT.
(72) STA. 304+25.12	14.64' RT.
(73) STA. 304+44.28	57.43' RT.
(74) STA. 304+14.49	32.96' RT.
(75) STA. 304+01.79	6.84' RT.
(76) STA. 303+95.15	24.03' RT.
(77) STA. 303+86.81	21.20' RT.
(78) STA. 303+91.99	4.68' RT.
(79) STA. 304+02.47	8.03' LT.
(80) STA. 303+98.57	21.61' LT.

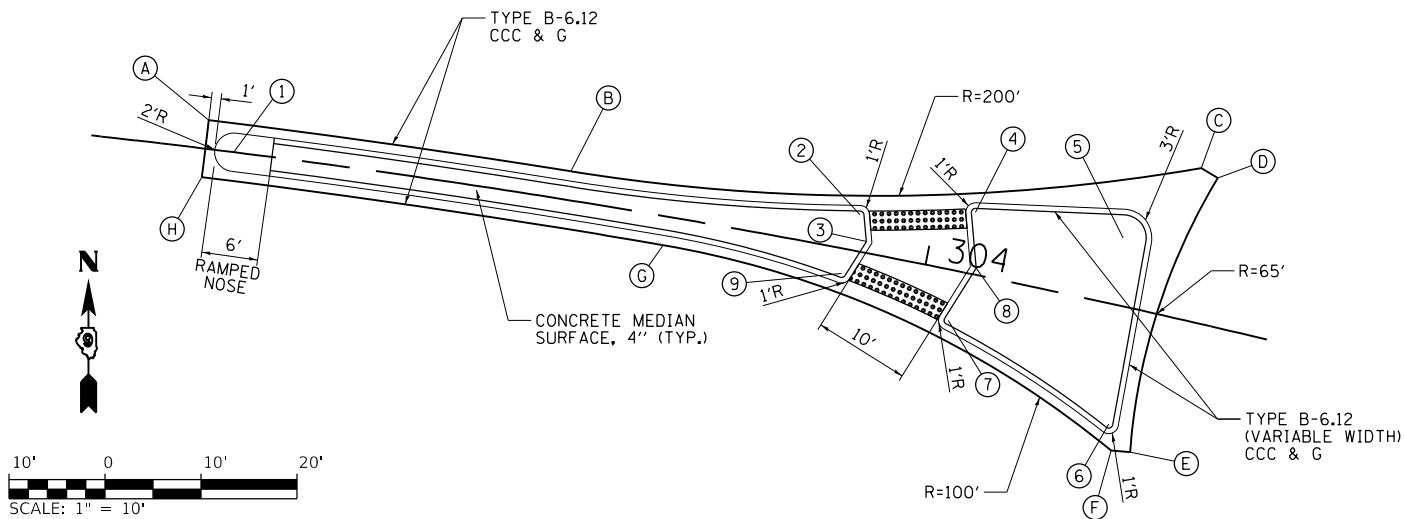
STATION	OFFSET
(81) STA. 303+89.77	19.28' LT.
(82) STA. 303+92.84	5.90' LT.
(83) STA. 303+72.70	3.00' RT.
(84) STA. 303+70.13	17.18' RT.
(85) STA. 303+61.98	3.00' LT.
(86) STA. 303+61.34	15.23' LT.
(87) STA. 303+52.78	15.00' LT.
(88) STA. 303+52.78	3.00' LT.
(89) STA. 303+45.43	3.00' RT.
(90) STA. 303+45.43	15.00' RT.
(91) STA. 303+23.97	15.00' RT.
(92) STA. 303+23.97	3.00' RT.
(93) STA. 303+23.97	3.00' LT.
(94) STA. 303+23.97	15.00' LT.
(95) STA. 302+88.78	15.00' LT.
(96) STA. 302+88.77	15.00' RT.
(97) STA. 302+18.78	13.00' RT.
(98) STA. 302+18.79	13.00' LT.
(99) STA. 302+05.39	13.00' LT.
(A) STA. 200+68.21	13.00' LT.
(B) STA. 200+68.21	13.00' RT.
(C) STA. 302+05.39	13.00' RT.
(D) STA. 202+76.53	19.89' LT.
(E) STA. 202+72.22	14.66' RT.
(F) STA. 305+51.79	12.29' RT.
(G) STA. 305+60.97	20.87' LT.
(H) STA. 304+25.79	15.85' LT.
(I) STA. 304+23.11	14.93' RT.

CENTER OF CIRCLE:
CHAUTAUQUA STREET STA. 304+89.31, 6.04' RT.
MCLAFFERTY ROAD STA. 446+16.30, 9.80' LT.

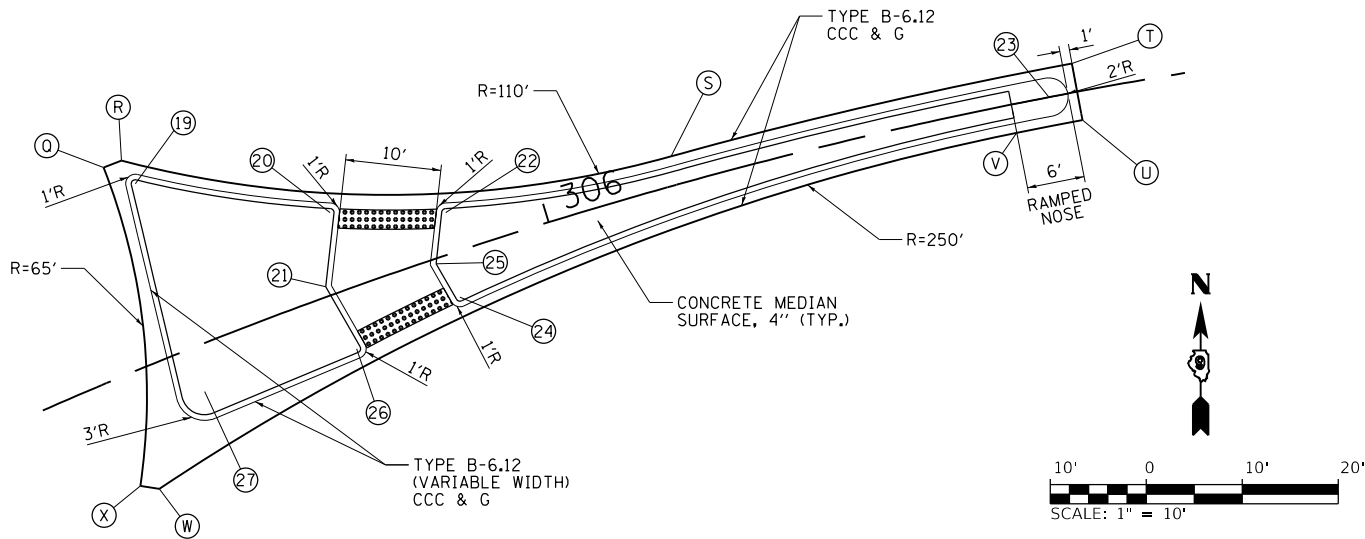
LEGEND

- x 610.00 SPOT GRADE LOCATION AND ELEVATION
(USE CURB ALIGNMENTS AND PROFILES
FOR LAYOUT)
- 2.00% PAVEMENT CROSS SLOPE AND DIRECTION
(ALSO DIRECTION OF GUTTER FLAG)

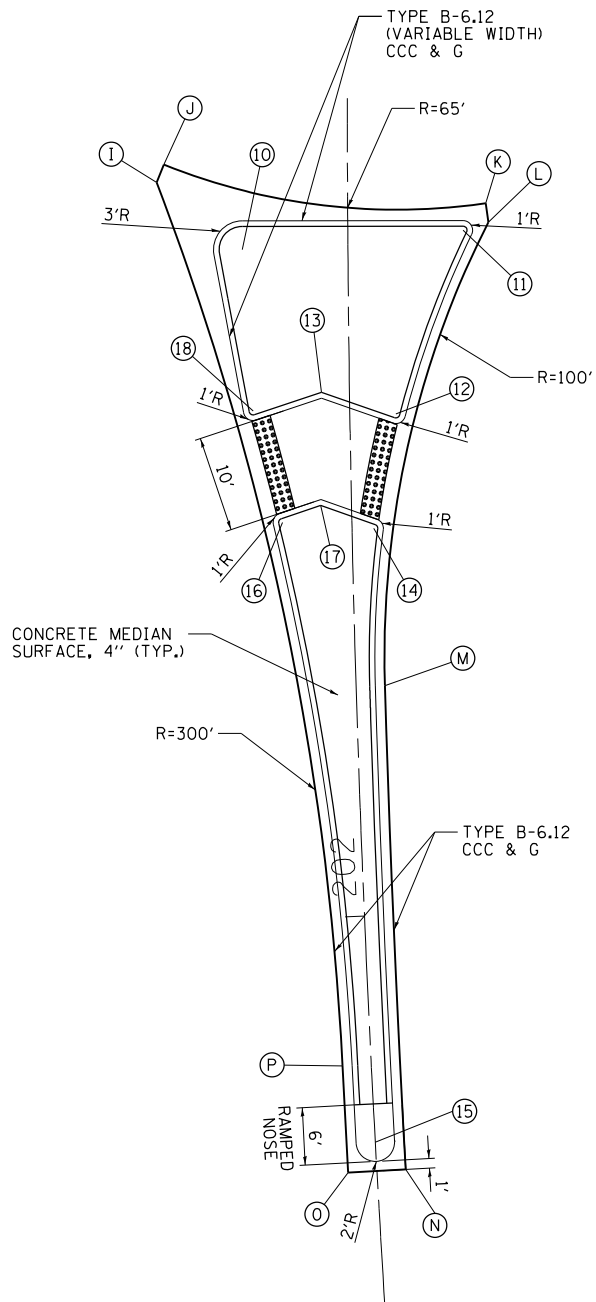
NOTE: THIS OVERALL LAYOUT IS PROVIDED TO INDICATE HOW
THE PROFILES RELATE TO ONE ANOTHER IN RELATION
TO CROSS SLOPE. CONTRACTOR SHALL USE ALIGNMENTS
AND PROFILE SHEETS TO LAYOUT CURBS.



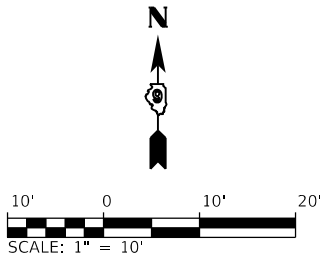
WEST MEDIAN ISLAND LAYOUT									
PT.	NORTHING	EASTING	STATION	OFFSET	NO.	NORTHING	EASTING	STATION	OFFSET
A	383253.7447	2565167.6791	303+23.97	3.00' LT.	1	383250.3983	2565170.2923	303+26.97	0.00'
B	383248.4003	2565205.4196	303+61.98	3.00' LT.	2	383243.8632	2565235.5274	303+92.31	3.77' LT.
C	383248.7456	2565271.0932	304+25.79	15.85' LT.	3	383241.0878	2565236.1847	303+93.48	1.16' LT.
D	383247.7141	2565272.8066	304+27.66	15.23' LT.	4	383244.1204	2565247.5494	304+04.00	6.36' LT.
E	383219.1562	2565263.6835	304+25.12	14.64' RT.	5	383241.4686	2565262.9436	304+19.50	6.97' LT.
F	383219.3090	2565261.6894	304+23.11	14.93' RT.	6	383222.0709	2565261.4553	304+22.26	12.29' RT.
G	383240.7200	2565215.0129	303+72.70	3.00' RT.	7	383232.8704	2565244.7149	304+03.47	5.23' RT.
H	383247.7891	2565166.9509	303+23.97	3.00' RT.	8	383238.3118	2565247.6291	304+05.24	0.69' LT.
					9	383237.7662	2565233.6225	303+91.59	2.58' RT.

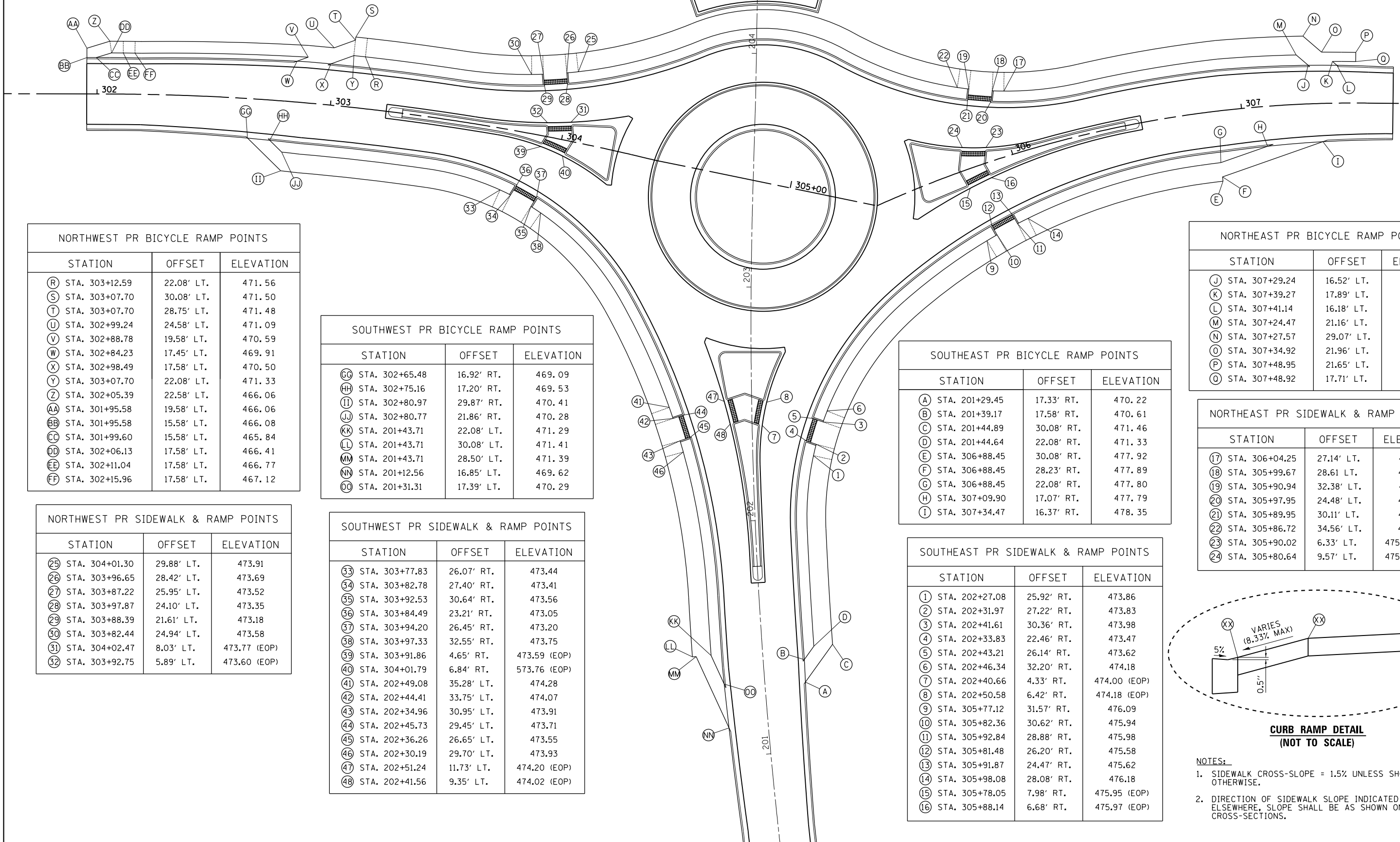
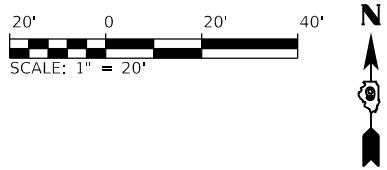


EAST MEDIAN ISLAND LAYOUT									
PT.	NORTHING	EASTING	STATION	OFFSET	NO.	NORTHING	EASTING	STATION	OFFSET
Q	383237.9927	2565388.9777	305+59.05	20.88' RT.	19	383236.3026	2565392.2681	305+61.39	18.09' RT.
R	383238.7251	2565390.8388	305+60.97	3.00' RT.	20	383233.3145	2565412.5565	305+78.87	8.15' RT.
S	383239.1571	2565448.0902	306+14.12	3.00' RT.	21	383225.5889	2565412.1075	305+75.86	1.03' RT.
T	383248.8410	2565489.8744	306+56.76	3.00' RT.	22	383233.3070	2565424.6312	305+90.14	4.22' RT.
U	383242.9430	2565490.9761	306+56.76	3.00' LT.	23	383245.3323	2565487.4779	306+53.76	0.00
V	383241.6106	2565484.1133	306+49.73	3.00' LT.	24	383224.4954	2565426.0822	305+88.74	4.60' LT.
W	383204.5267	2565394.7932	305+51.79	12.29' LT.	25	383227.9700	2565423.6120	305+87.50	0.52' LT.
X	383204.8151	2565392.8141	305+50.04	11.26' LT.	26	383219.1142	2565415.3354	305+76.69	6.15' LT.
					27	383214.6589	2565399.4919	305+60.12	4.69' LT.



SOUTH MEDIAN ISLAND LAYOUT				
PT.	NORTHING	EASTING	STATION	OFFSET
I	383152.0200	2565303.5113	202+76.53	19.89' LT.
J	383153.8757	2565304.2570	202+78.36	19.14' LT.
K	383149.8571	2565337.7943	202+74.21	14.38' RT.
L	383147.8777	2565338.0804	202+72.22	14.66' RT.
M	383099.5963	2565327.2984	202+23.93	3.00' RT.
N	383049.1911	2565329.4604	201+73.40	3.00' RT.
O	383048.8582	2565323.4697	201+73.40	3.00 LT.
P	383059.9562	2565322.8840	201+84.50	3.00' LT.
NO.	NORTHING	EASTING	STATION	OFFSET
10	383145.0270	2565312.4398	202+69.54	11.00' LT.
11	383147.0462	2565335.4363	202+71.40	12.01' RT.
12	383127.8993	2565328.4350	202+52.25	4.79' RT.
13	383130.1637	2565320.6937	202+54.64	2.91' LT.
14	383115.9919	2565326.1331	202+40.37	2.26' RT.
15	383052.0202	2565326.3009	201+76.40	0.00'
16	383116.5962	2565316.6431	202+41.18	7.21' LT.
17	383118.3627	2565320.6131	202+42.86	3.20' LT.
18	383128.2182	2565313.5596	202+52.81	10.08' LT.





NORTHWEST PR BICYCLE RAMP POINTS		
STATION	OFFSET	ELEVATION
(R) STA. 303+12.59	22.08' LT.	471.56
(S) STA. 303+07.70	30.08' LT.	471.50
(T) STA. 303+07.70	28.75' LT.	471.48
(U) STA. 302+99.24	24.58' LT.	471.09
(V) STA. 302+88.78	19.58' LT.	470.59
(W) STA. 302+84.23	17.45' LT.	469.91
(X) STA. 302+98.49	17.58' LT.	470.50
(Y) STA. 303+07.70	22.08' LT.	471.33
(Z) STA. 302+05.39	22.58' LT.	466.06
(AA) STA. 301+95.58	19.58' LT.	466.06
(BB) STA. 301+95.58	15.58' LT.	466.08
(CC) STA. 301+99.60	15.58' LT.	465.84
(DD) STA. 302+06.13	17.58' LT.	466.41
(EE) STA. 302+11.04	17.58' LT.	466.77
(FF) STA. 302+15.96	17.58' LT.	467.12

SOUTHWEST PR BICYCLE RAMP POINTS		
STATION	OFFSET	ELEVATION
(GG) STA. 302+65.48	16.92' RT.	469.09
(HH) STA. 302+75.16	17.20' RT.	469.53
(II) STA. 302+80.97	29.87' RT.	470.41
(JJ) STA. 302+80.77	21.86' RT.	470.28
(KK) STA. 201+43.71	22.08' LT.	471.29
(LL) STA. 201+43.71	30.08' LT.	471.41
(MM) STA. 201+43.71	28.50' LT.	471.39
(NN) STA. 201+12.56	16.85' LT.	469.62
(OO) STA. 201+31.31	17.39' LT.	470.29

NORTHWEST PR SIDEWALK & RAMP POINTS		
STATION	OFFSET	ELEVATION
(25) STA. 304+01.30	29.88' LT.	473.91
(26) STA. 303+96.65	28.42' LT.	473.69
(27) STA. 303+87.22	25.95' LT.	473.52
(28) STA. 303+97.87	24.10' LT.	473.35
(29) STA. 303+88.39	21.61' LT.	473.18
(30) STA. 303+82.44	24.94' LT.	473.58
(31) STA. 304+02.47	8.03' LT.	473.77 (EOP)
(32) STA. 303+92.75	5.89' LT.	473.60 (EOP)

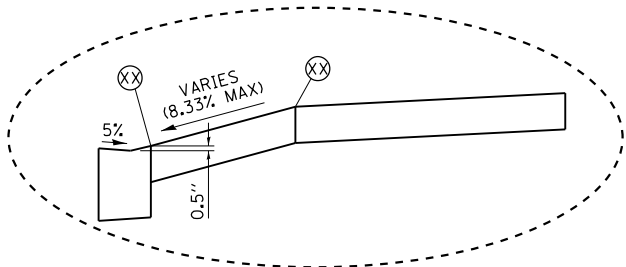
SOUTHWEST PR SIDEWALK & RAMP POINTS		
STATION	OFFSET	ELEVATION
(33) STA. 303+77.83	26.07' RT.	473.44
(34) STA. 303+82.78	27.40' RT.	473.41
(35) STA. 303+92.53	30.64' RT.	473.56
(36) STA. 303+84.49	23.21' RT.	473.05
(37) STA. 303+94.20	26.45' RT.	473.20
(38) STA. 303+97.33	32.55' RT.	473.75
(39) STA. 303+91.86	4.65' RT.	473.59 (EOP)
(40) STA. 304+01.79	6.84' RT.	573.76 (EOP)
(41) STA. 202+49.08	35.28' LT.	474.28
(42) STA. 202+44.41	33.75' LT.	474.07
(43) STA. 202+34.96	30.95' LT.	473.91
(44) STA. 202+45.73	29.45' LT.	473.71
(45) STA. 202+36.26	26.65' LT.	473.55
(46) STA. 202+30.19	29.70' LT.	473.93
(47) STA. 202+51.24	11.73' LT.	474.20 (EOP)
(48) STA. 202+41.56	9.35' LT.	474.02 (EOP)

SOUTHEAST PR BICYCLE RAMP POINTS		
STATION	OFFSET	ELEVATION
(A) STA. 201+29.45	17.33' RT.	470.22
(B) STA. 201+39.17	17.58' RT.	470.61
(C) STA. 201+44.89	30.08' RT.	471.46
(D) STA. 201+44.64	22.08' RT.	471.33
(E) STA. 306+88.45	30.08' RT.	477.92
(F) STA. 306+88.45	28.23' RT.	477.89
(G) STA. 306+88.45	22.08' RT.	477.80
(H) STA. 307+09.90	17.07' RT.	477.79
(I) STA. 307+34.47	16.37' RT.	478.35

SOUTHEAST PR SIDEWALK & RAMP POINTS		
STATION	OFFSET	ELEVATION
(1) STA. 202+27.08	25.92' RT.	473.86
(2) STA. 202+31.97	27.22' RT.	473.83
(3) STA. 202+41.61	30.36' RT.	473.98
(4) STA. 202+33.83	22.46' RT.	473.47
(5) STA. 202+43.21	26.14' RT.	473.62
(6) STA. 202+46.34	32.20' RT.	474.18
(7) STA. 202+40.66	4.33' RT.	474.00 (EOP)
(8) STA. 202+50.58	6.42' RT.	474.18 (EOP)
(9) STA. 305+77.12	31.57' RT.	476.09
(10) STA. 305+82.36	30.62' RT.	475.94
(11) STA. 305+92.84	28.88' RT.	475.98
(12) STA. 305+81.48	26.20' RT.	475.58
(13) STA. 305+91.87	24.47' RT.	475.62
(14) STA. 305+98.08	28.08' RT.	476.18
(15) STA. 305+78.05	7.98' RT.	475.95 (EOP)
(16) STA. 305+88.14	6.68' RT.	475.97 (EOP)

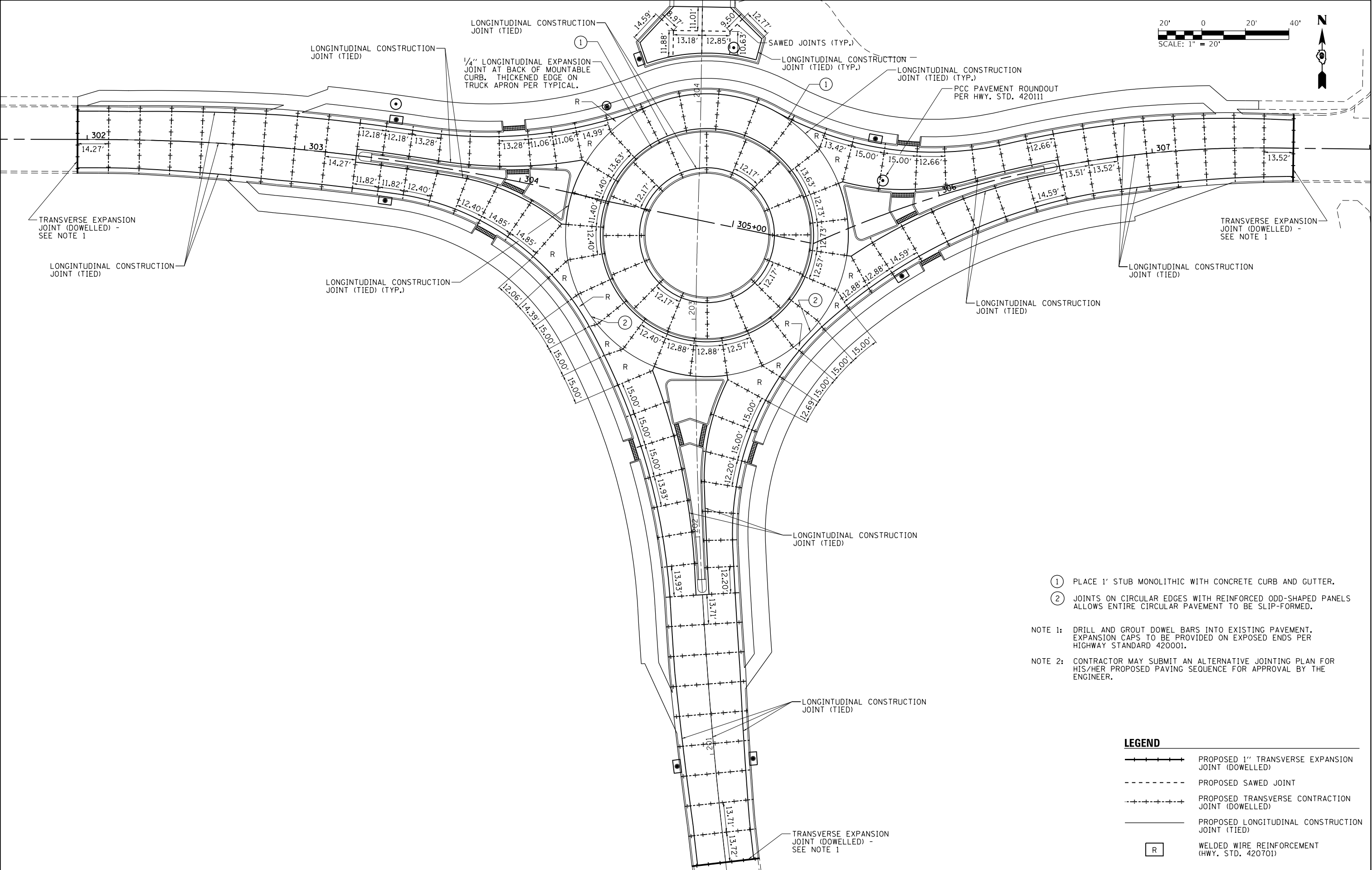
NORTHEAST PR BICYCLE RAMP POINTS		
STATION	OFFSET	ELEVATION
(J) STA. 307+29.24	16.52' LT.	478.21
(K) STA. 307+39.27	17.89' LT.	478.93
(L) STA. 307+41.14	16.18' LT.	478.49
(M) STA. 307+24.47	21.16' LT.	478.74
(N) STA. 307+27.57	29.07' LT.	478.82
(O) STA. 307+34.92	21.96' LT.	478.89
(P) STA. 307+48.95	21.65' LT.	479.59
(Q) STA. 307+48.92	17.71' LT.	479.48

NORTHEAST PR SIDEWALK & RAMP POINTS		
STATION	OFFSET	ELEVATION
(17) STA. 306+04.25	27.14' LT.	476.19
(18) STA. 305+99.67	28.61 LT.	475.98
(19) STA. 305+90.94	32.38' LT.	475.91
(20) STA. 305+97.95	24.48' LT.	475.62
(21) STA. 305+89.95	30.11' LT.	475.55
(22) STA. 305+86.72	34.56' LT.	476.05
(23) STA. 305+90.02	6.33' LT.	475.98 (EOP)
(24) STA. 305+80.64	9.57' LT.	475.95 (EOP)



CURB RAMP DETAIL
(NOT TO SCALE)

- NOTES:
- SIDEWALK CROSS-SLOPE = 1.5% UNLESS SHOWN OTHERWISE.
 - DIRECTION OF SIDEWALK SLOPE INDICATED BY ARROW, ELSEWHERE, SLOPE SHALL BE AS SHOWN ON CROSS-SECTIONS.



- 1

PLACE 1' STUB MONOLITHIC WITH CONCRETE CURB AND GUTTER.
- 2

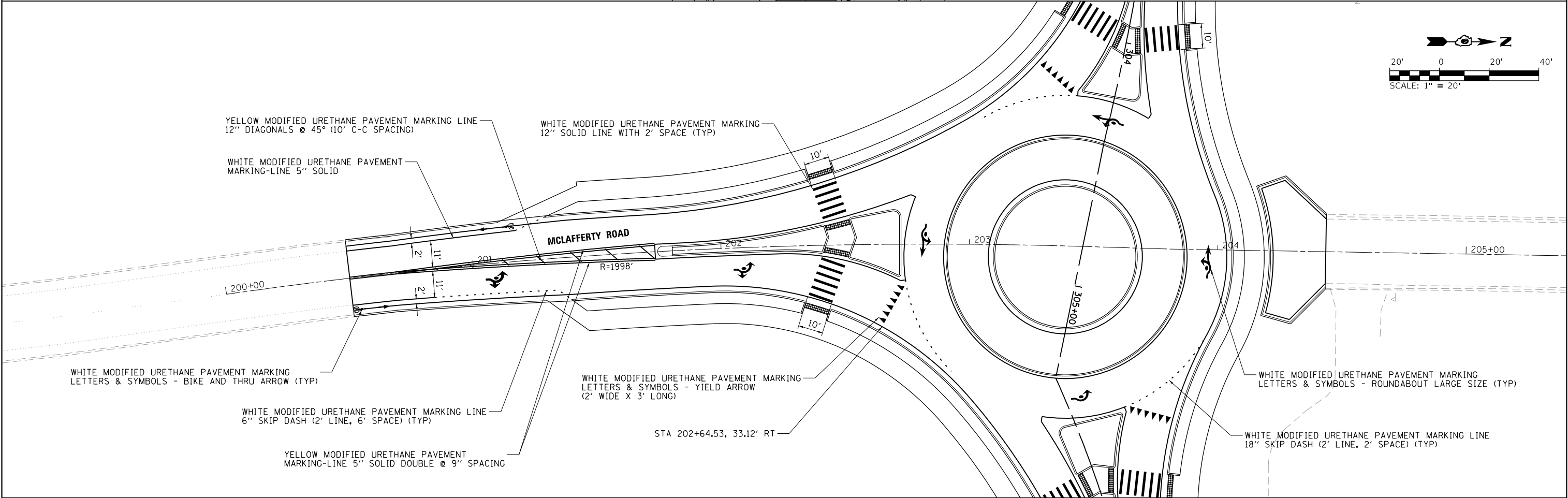
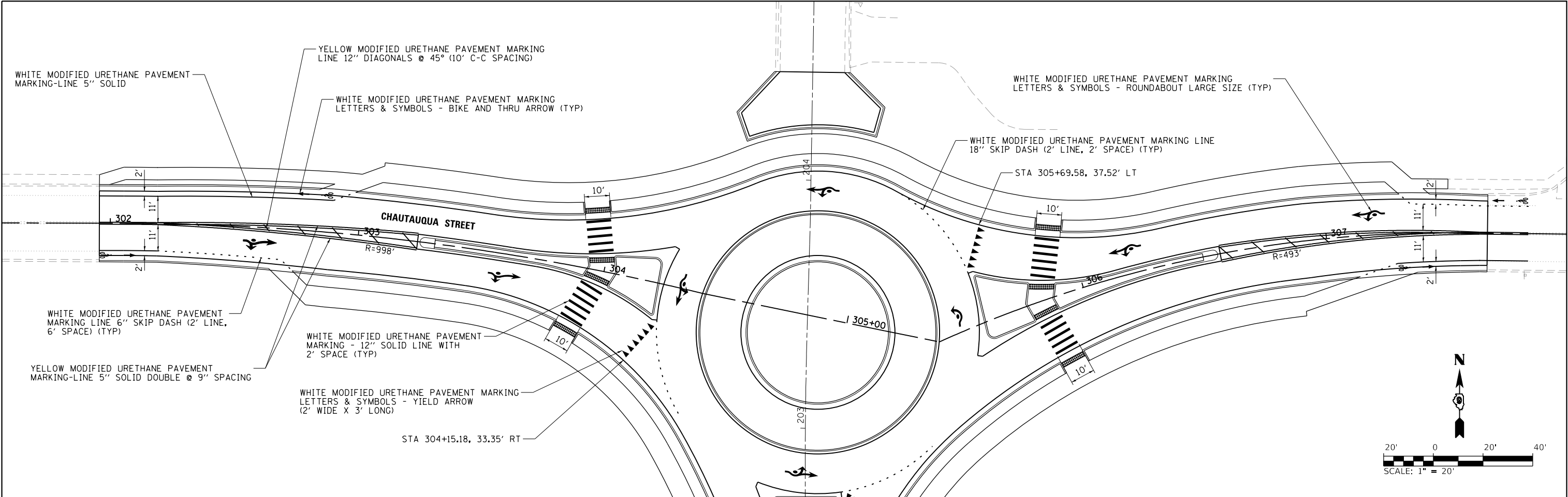
JOINTS ON CIRCULAR EDGES WITH REINFORCED ODD-SHAPED PANELS ALLOWS ENTIRE CIRCULAR PAVEMENT TO BE SLIP-FORMED.
- NOTE 1:

DRILL AND GROUT DOWEL BARS INTO EXISTING PAVEMENT. EXPANSION CAPS TO BE PROVIDED ON EXPOSED ENDS PER HIGHWAY STANDARD 420001.
- NOTE 2:

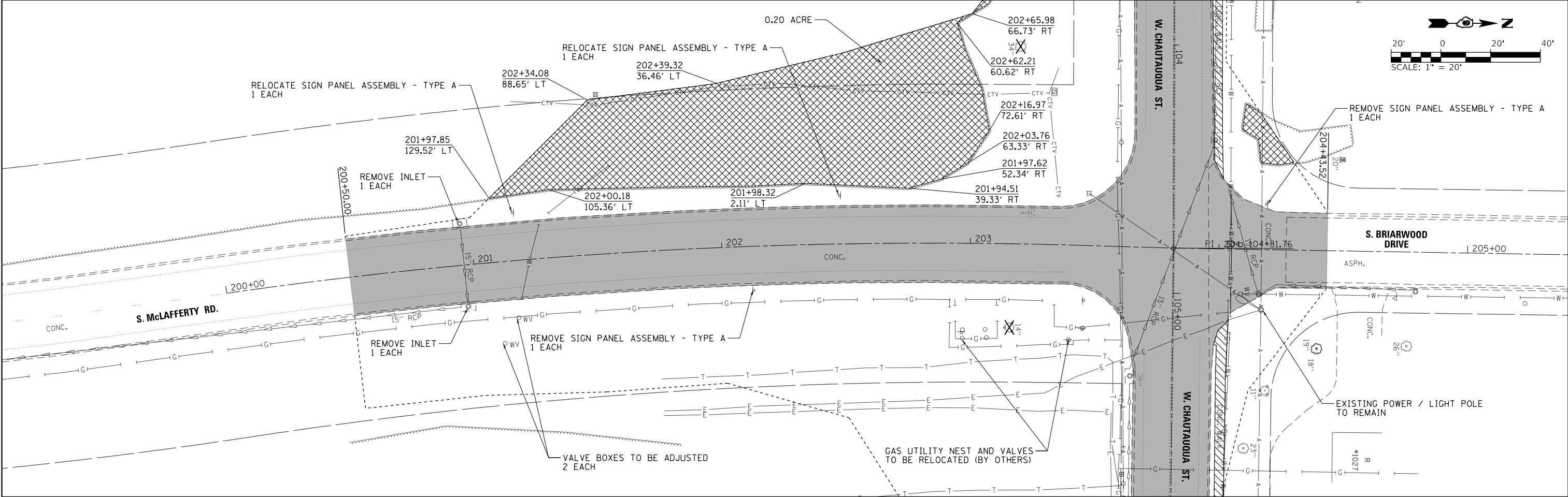
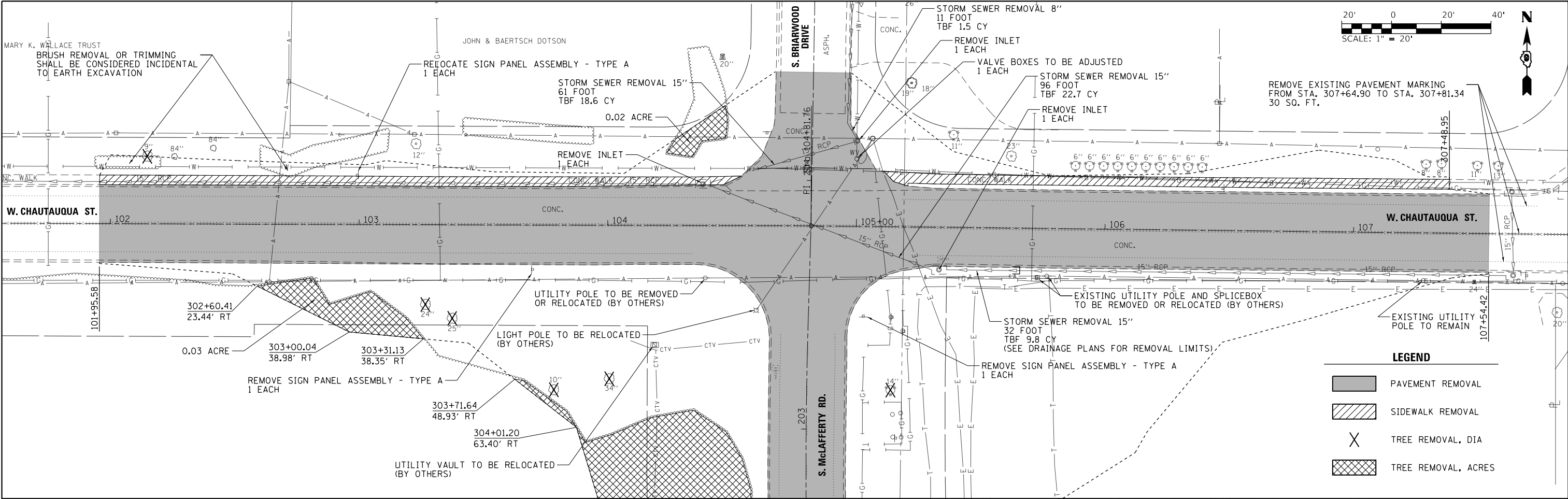
CONTRACTOR MAY SUBMIT AN ALTERNATIVE JOINTING PLAN FOR HIS/HER PROPOSED PAVING SEQUENCE FOR APPROVAL BY THE ENGINEER.

LEGEND				
	PROPOSED 1" TRANSVERSE EXPANSION JOINT (DOWELLED)			
	PROPOSED SAWED JOINT			
	PROPOSED TRANSVERSE CONTRACTION JOINT (DOWELLED)			
	PROPOSED LONGITUDINAL CONSTRUCTION JOINT (TIED)			
R	WELDED WIRE REINFORCEMENT (HWY. STD. 420701)			

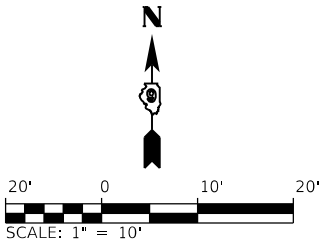
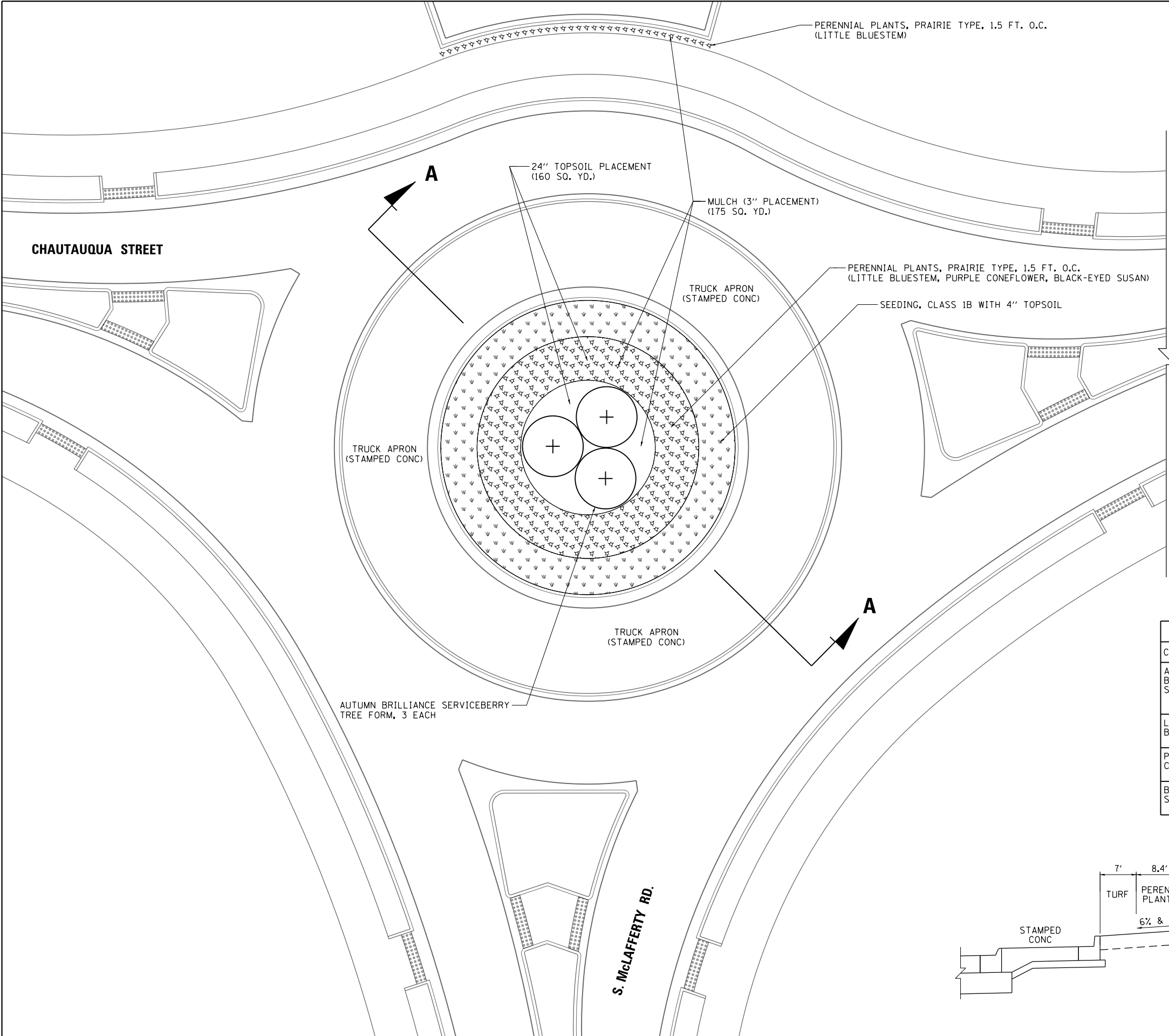
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L:\Carbondale\19007402-00\Draw\Roadway	CADD_Sheets\09-shr-jointing.dgn	DRAWN - RSH	REVISED -						9712	18-00137-00-PV	JACKSON	35	24
Default	PLOT SCALE = 40.0000 ' / in.	CHECKED - SPH	REVISED -		CONTRACT NO. 99639								
	PLOT DATE = 4/8/2020	DATE - 3/20/20	REVISED -		ILLINOIS FED. AID PROJECT								
					SCALE: 1"=20'	SHEET	OF	SHEETS	STA.	TO STA.			



FILE NAME = L:\Carbondale\19007402-00\Draw\Roadway	USER NAME = Brian Bond CADD_Sheets\09-shr\pmk.dgn	DESIGNED - BMB	REVISED -	CITY OF CARBONDALE CARBONDALE, ILLINOIS	PAVEMENT MARKING				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RSH	REVISED -						9712	18-00137-00-PV	JACKSON	35	25
		PLOT SCALE = 40.0000' / in.	CHECKED - SPH		CONTRACT NO. 99639				ILLINOIS FED. AID PROJECT				
		PLOT DATE = 3/19/2020	DATE - 3/20/20		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		

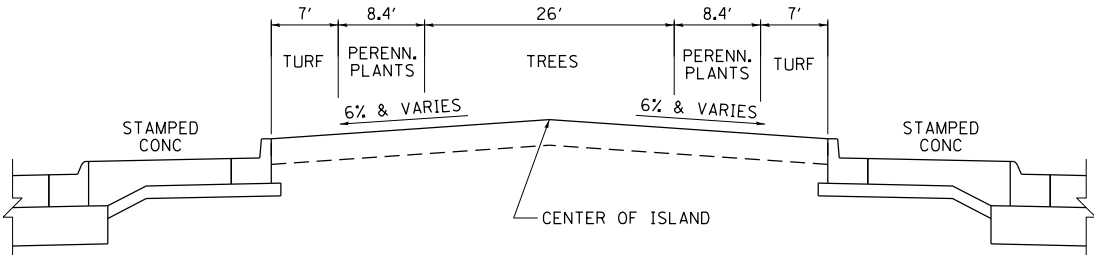


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Default	PLOT DATE = 3/19/2020	DATE - 3/20/20	REVISED -							ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET	OF	SHEETS	STA.	TO STA.					

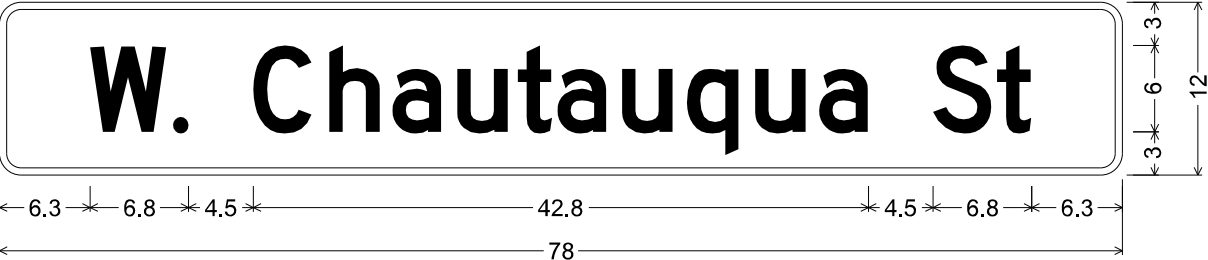


- NOTES:**
- 1. SEE MISCELLANEOUS DETAILS FOR PLANTING DETAILS.

PLANTING LIST				
COMMON NAME	BOTANICAL NAME	SIZE/CONDITION	QUANTITY	COMMENTS
AUTUMN BRILLIANCE SERVICEBERRY	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	2" CALIPER TREE FORM	3	SMALL TREES; EVENLY SPACED IN CIRCULAR AREA
LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM	PLANT "PLUG"	200 (2 UNITS)	NATIVE GRASS; SPACED 1.5 FT.
PURPLE CONEFLOWER	ECHINACEA PURPUREA	PLANT "PLUG"	100 (1 UNITS)	NATIVE GRASS; SPACED 1.5 FT.
BLACK-EYED SUSAN	RUDBECKIA HIRTA	PLANT "PLUG"	100 (1 UNITS)	NATIVE GRASS; SPACED 1.5 FT.



SECTION A-A



1.5" Radius, 0.5" Border, White on Green;
[W.] D 2K; [Chautauqua] D 2K; [St] D 2K;
Table of widths and spaces.

6.3	W	5.3	0.5	1.0																										
	C	4.1	1.2	h	3.6	0.8	a	3.4	1.1	u	3.5	0.7	t	2.4	0.4	a	3.4	1.1	u	3.5	1.0	q	3.6	1.1	u	3.5	0.9	a	3.5	
	S	4.0	0.4	t	2.4	6.3																								

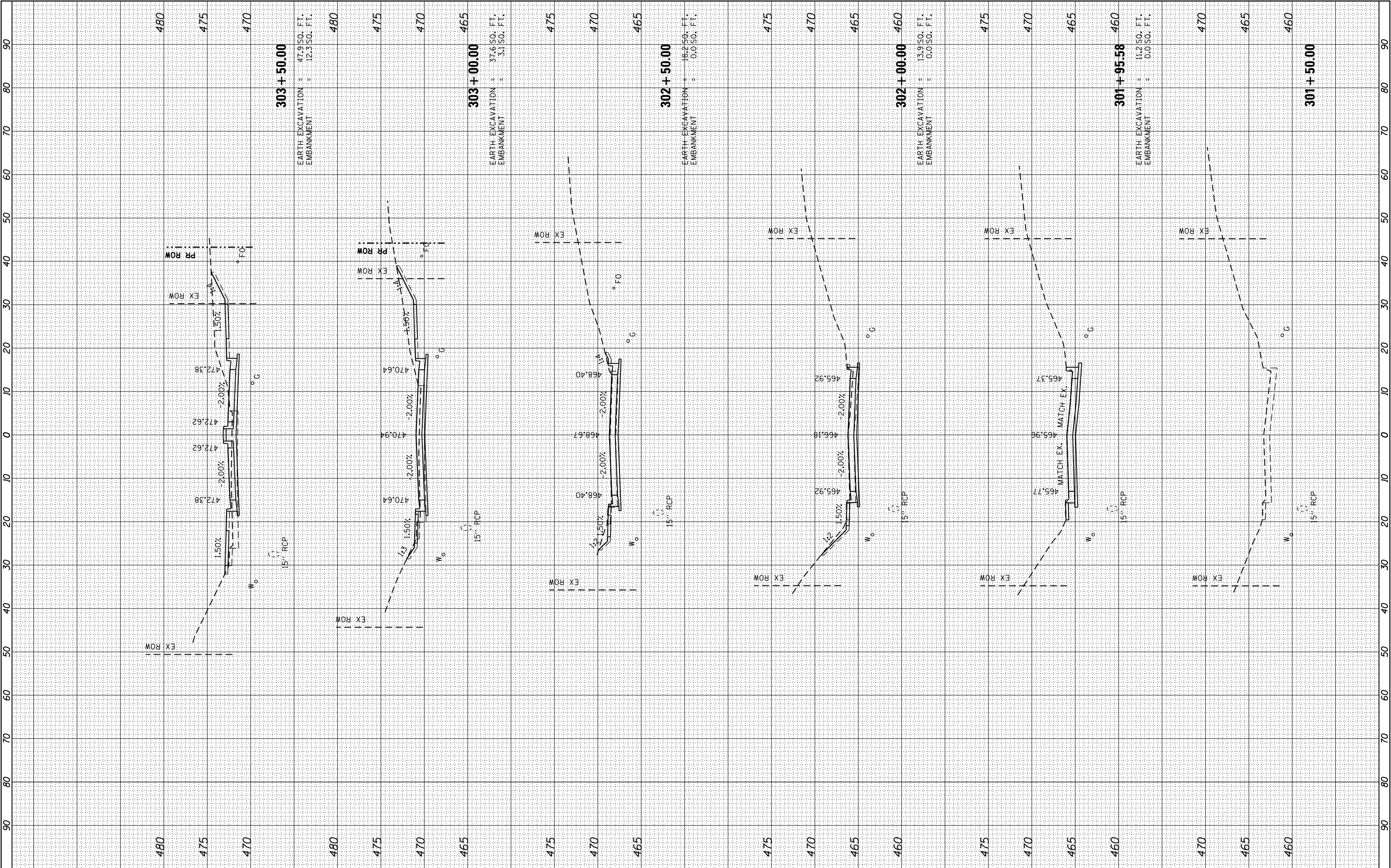


1.5" Radius, 0.5" Border, White on Green;
[S.] D 2K; [McLafferty] D 2K; [Rd] D 2K;
Table of widths and spaces.

5.6	S	4.1	0.6	1.0																										
	4.5	M	4.7	1.1	c	3.5	0.9	L	3.8	0.4	a	3.5	0.7	f	2.2	0.4	f	2.1	0.5	e	3.5	0.9	r	2.3	0.1	t	2.4	0.2	y	4.5
	4.5	R	4.1	0.7	d	3.6	5.6																							

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

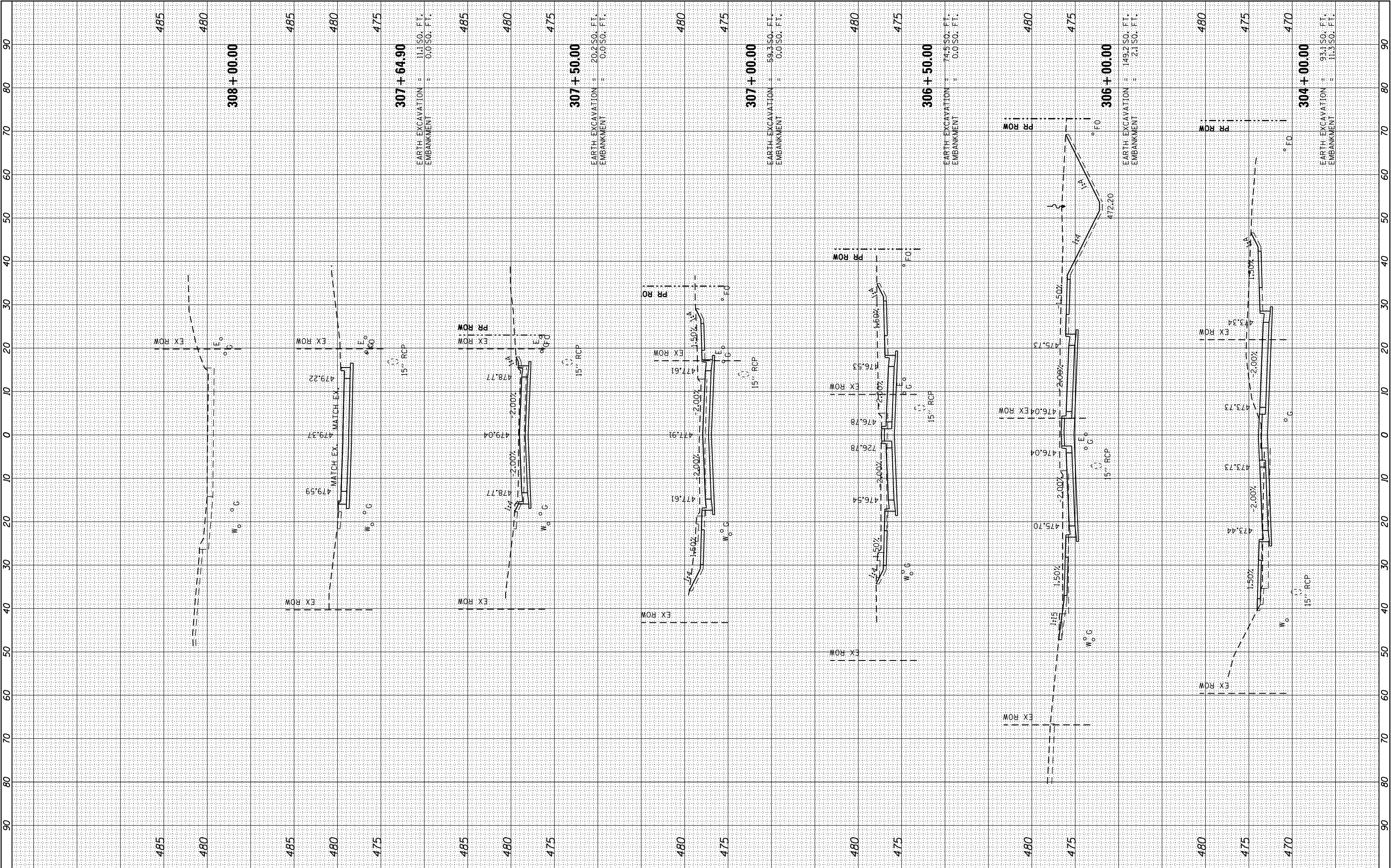
ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =	USER NAME = Brian Bond	DESIGNED - BMB	REVISED -	CITY OF CARBONDALE CARBONDALE, ILLINOIS	CROSS SECTIONS CHAUTAUQUA STREET				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\Carbondale\19007402-00\Draw\Roadway\CADD_S	eets\09-sht-xsc_Chaut.dgn	DRAWN - RSH	REVISED -		9712	18-00137-00-PV	JACKSON	35	32				
	PLOT SCALE = 20.0000' / in.	CHECKED - SPH	REVISED -		CONTRACT NO. 99639								
sht-xssht-temporary_model_name.1	PLOT DATE = 3/19/2020	DATE - 3/20/20	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 301+50.00	TO STA. 303+50.00	ILLINOIS FED. AID PROJECT		

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

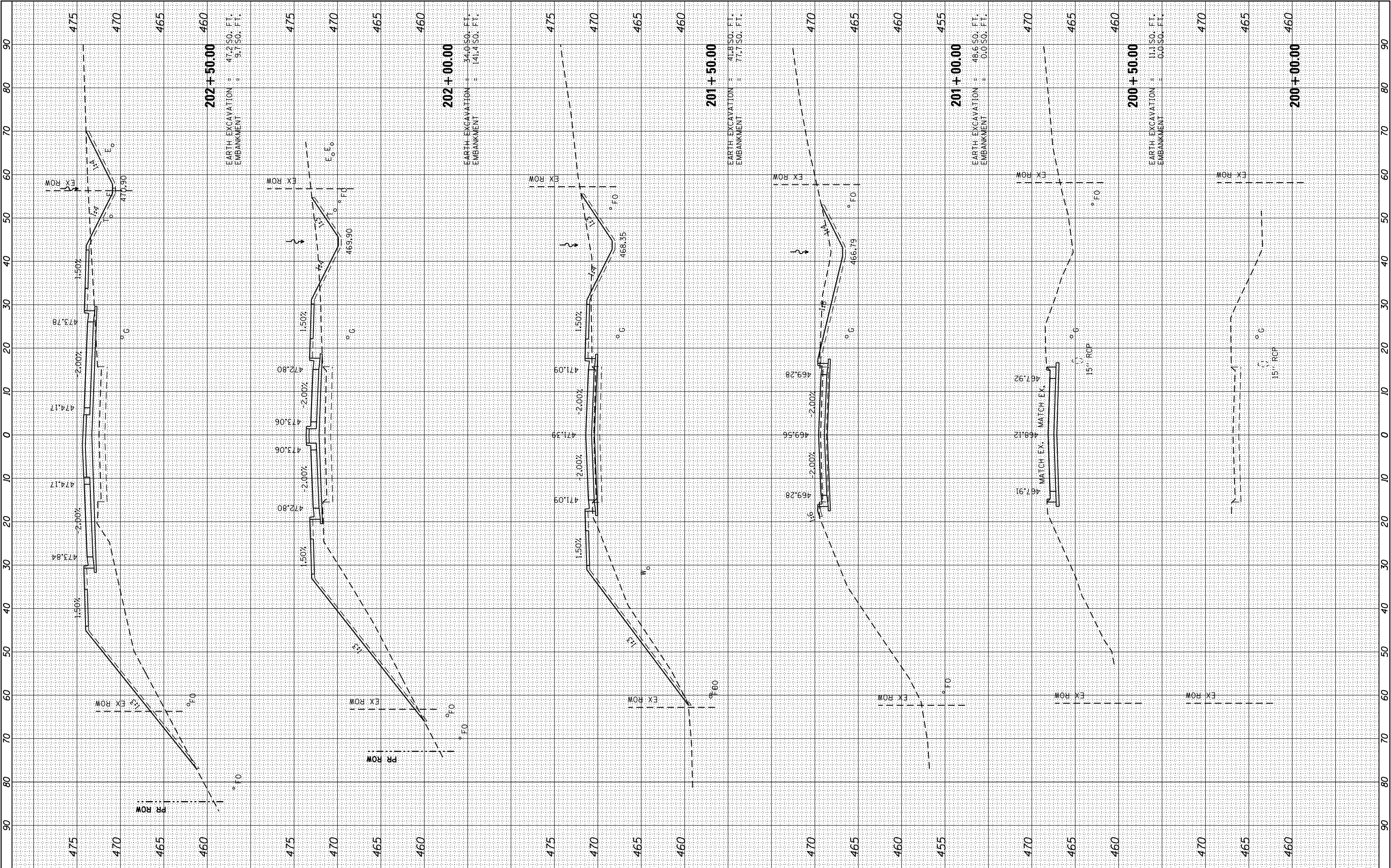
ORIGINAL SURVEY	SURVEYED PLOTTED NOTE BOOK	BY	DATE
NO.	AREAS CHECKED		



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L:\Carbondale\19007402-00\Draw\Roadway\CADD_Sheets\09-sht-xsc-Chaut.dgn		DRAWN - RSH	REVISED -		9712	18-00137-00-PV	JACKSON	35	33				
PLOT SCALE = 20.0000' / in.		CHECKED - SPH	REVISED -						CONTRACT NO. 99639				
PLOT DATE = 3/19/2020		DATE - 3/20/20	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. 304+00.00	TO STA. 308+00.00	ILLINOIS FED. AID PROJECT		
sht-xssht-temporary_model_name.2													

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

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



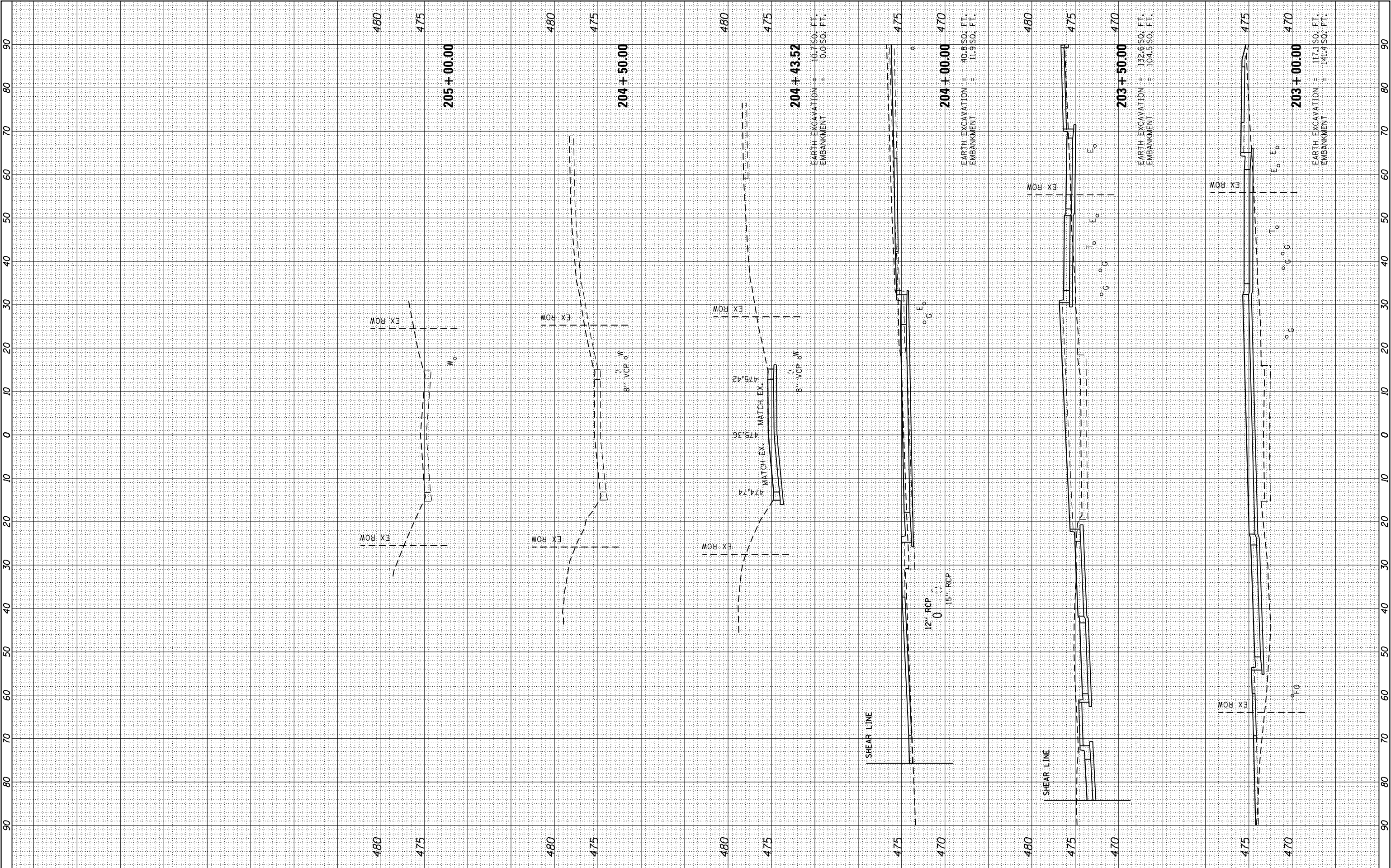
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PLOT SCALE = 20.0000' / in.		DATE - 3/20/20		REVISED -		REVISED -	
sht-xssht-temporary_model_name.1		PLOT DATE = 3/19/2020					

CITY OF CARBONDALE CARBONDALE, ILLINOIS				CROSS SECTIONS McLAFFERTY ROAD			
SCALE:		SHEET		OF		SHEETS	
				STA. 200+00.00		TO STA. 202+50.00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9712	18-00137-00-PV	JACKSON	35	34
CONTRACT NO. 99639				
ILLINOIS FED. AID PROJECT				

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

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



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SCALE:									SHEET	OF	SHEETS	STA. 203+00.00	TO STA. 205+00.00	9712	18-00137-00-PV		JACKSON	35	35
															CONTRACT NO. 99639				
															ILLINOIS FED. AID PROJECT				