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06-11-2021 LETTING ITEM 255

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

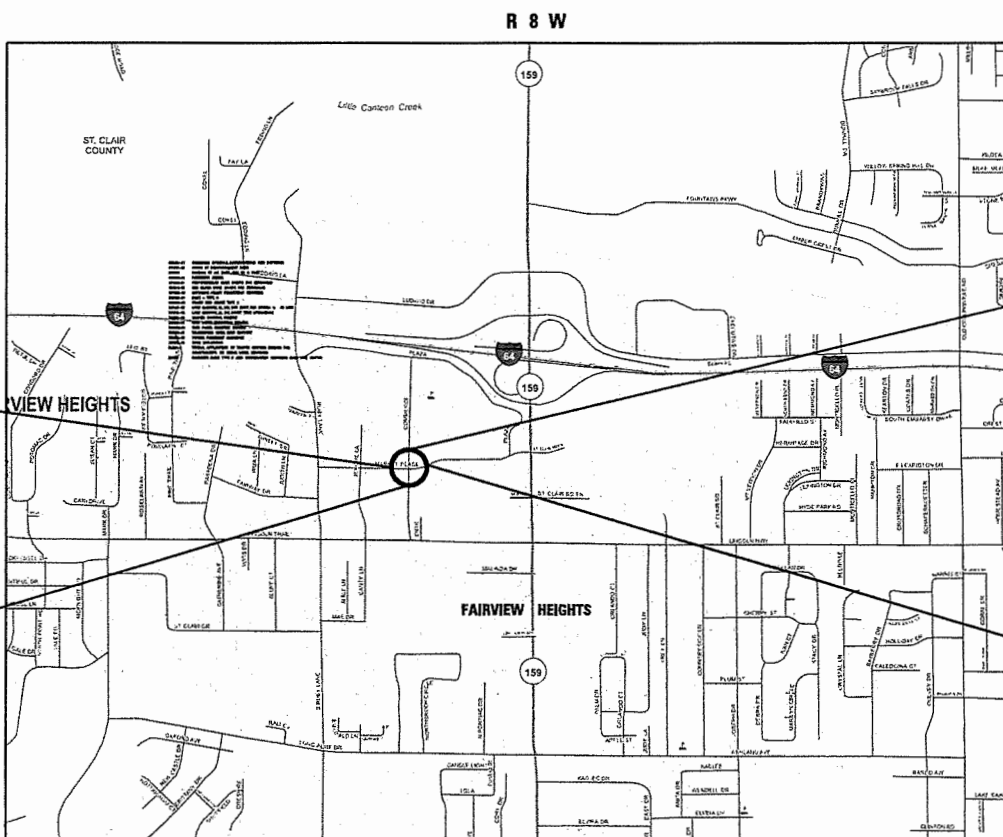
**PLANS FOR PROPOSED**

**CMAQ FUNDS  
CITY OF FAIRVIEW HEIGHTS  
MARKET PLACE ROUNDABOUT  
FAU ROUTE 9326  
ST CLAIR COUNTY  
SECTION: 16-00042-01-PV  
PROJECT: Q1EP(164)  
JOB NO.: C-98-335-16**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST CLAIR	40	1
FEDERAL AID PROJECT		ILLINOIS	CONTRACT NO. 97742	

**HIGHWAY STANDARDS**

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-09	PAVEMENT JOINTS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424016-05	MID BLOCK CURB RAMPS FOR SIDEWALKS
424026-03	ENTRANCE /ALLEY PEDESTRIAN CROSSING
602301-04	INLET - TYPE A
604006-05	FRAME AND GRATE TYPE 3
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
782001-01	CURB REFLECTORS
BLR21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR28	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

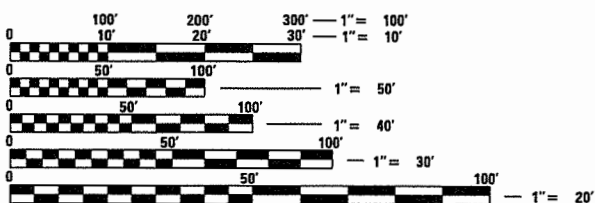


**BEGIN SECTION  
MARKET PLACE  
STA 18+39**

**BEGIN SECTION  
COMMERCE LANE  
STA 97+78**

**END SECTION  
COMMERCE LANE  
STA. 101+60**

**END SECTION  
MARKET PLACE  
STA. 22+21**



**SCALE IN FEET**  
 PLAN 1" = 20'  
 PROFILE HORIZ 1" = 20'  
 PROFILE VERT 1" = 5'  
 CROSS SECTION HORIZ 1" = 10'  
 CROSS SECTION VERT 1" = 5'

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

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

**DESIGN DESIGNATION**  
 ROADWAY CLASSIFICATION = MAJOR COLLECTOR  
 DESIGN SPEED = 25 MPH  
 CURRENT ADT (2019) = 14,200 (MARKET)/4,200 (COMMERCE)  
 DESIGN YEAR ADT (2039) = 17,327 (MARKET)/5,125 (COMMERCE)

**LOCATION MAP**

SCALE: 1" = 3,000'  
 GROSS LENGTH = 764' = (0.145 MILES)  
 NET LENGTH = 764' = (0.145 MILES)



*Brian Heil* 3-15-21  
 Date  
 BRIAN HEIL  
 IL P.E. NO. 062-054934  
 EXPIRES: 11/30/2021

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

APPROVED *[Signature]* 3-15-21  
DATE  
 MARK T. KUPSKY MAYOR OF FAIRVIEW HEIGHTS

PASSED *[Signature]* April 6, 2021  
 Keith H. Brown  
 DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID  
BASED ON LIMITED  
REVIEW *[Signature]* April 6, 2021  
 Keith Roberts  
 REGION 5 ENGINEER



Collinsville 100 Lanter Court, Suite 1  
Collinsville, IL 62234  
618.345.2200

Belleville 20 East Main Street  
Belleville, IL 62200  
618.416.4688  
www.oatesassociates.com  
ILLINOIS DESIGN FIRM LICENSE NO. 164.001115

St. Louis 720 Olive, Suite 700  
St. Louis, MO 63101  
314.588.8381

St. Charles 330 North Main, Suite 201  
St. Charles, MO 63301  
636.493.6277

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## GENERAL NOTES

### UTILITIES

- ABOVE-GROUND UTILITY FACILITIES OR APPURTENANCES SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS TO PROVIDE A MINIMUM HORIZONTAL CLEARANCE OF 1.5 FEET, MEASURED FROM THE FACE OF CURB TO THE NEAR EDGE OF THE OBJECT.
- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FRO NON-MEMBERS, THE COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

CASEYVILLE TOWNSHIP\* (SANITARY SEWER)  
JOE HOGG  
1 ECOLOGY DRIVE  
FAIRVIEW HEIGHTS, IL 62208  
(618) 632-2414

AMEREN ILLINOIS\* (ELECTRIC)  
JAMAL AHMED  
500 EAST BROADWAY  
EAST ST. LOUIS, IL 62202  
(618) 482-2260

CITY OF FAIRVIEW HEIGHTS\* (SEWER)  
10025 BUNKUM ROAD  
FAIRVIEW HEIGHTS, IL 62208  
(618) 489-2020

AT&T\* (COMMUNICATIONS)  
JEFF GOAD  
1640 E HAZEL DELL RD  
SPRINGFIELD, IL 62703  
217-331-8475

CITY OF O'FALLON\* (WATER)  
JEFF TAYLOR  
255 SOUTH LINCOLN AVENUE  
O'FALLON, IL 62269  
(618) 624-4500

CHARTER COMMUNICATIONS\* (COMMUNICATIONS)  
815 CHARTER COMMONS  
TOWN & COUNTRY, MO 63017  
(636) 387-6650

AMEREN ILLINOIS\* (GAS)  
KEN KELEHER  
1050 WEST BOULEVARD  
BELLEVILLE, IL 62221  
(618) 530-0125

BUCKEYE PARTNERS\* (LP)   
STEPHEN KAPP  
220 EAST HAWTHORNE ST.  
HARTFORD, IL 62048  
618-973-3752

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY A \*. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

THE FIELD OPERATIONS MANAGER SHALL BE CONTACTED WHEN ANY CONSTRUCTION IS CONDUCTED AROUND THE HIGH PRESSURE GAS MAIN AT STA. 18+80 AND STA. 18+90.

### GENERAL

- THE CONTRACTOR SHALL PROVIDE BLOCKOUTS IN THE PROPOSED SIDEWALK FOR PLACEMENT OF SIGN POSTS AND MAILBOX SUPPORTS, AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR PORTLAND CEMENT CONCRETE SIDEWALK, 4".
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
- THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION. AGGREGATE FOR TEMPORARY ACCESS WILL BE MEASURED FOR PAYMENT AS SPECIFIED IN THE CONTRACT. THE COST OF ALL OTHER MATERIALS REQUIRED AND ALL OTHER LABOR NECESSARY TO COMPLY WITH THIS PROVISION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE CONSTRUCTION LIMITS LINE SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AS APPROVED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL FERTILIZE, SEED AND MULCH ALL EARTH SURFACES DISTURBED BY CONSTRUCTION. FERTILIZER, SEEDING AND MULCH WITHIN THE CONSTRUCTION LIMITS WILL BE PAID FOR AS PROVIDED IN THE CONTRACT. FERTILIZER, SEEDING AND MULCH OUTSIDE THESE LIMITS WILL NOT BE MEASURED FOR PAYMENT. SEE THE SEEDING SCHEDULE FOR ESTIMATED PLAN QUANTITIES.
- ALL EXISTING ROADWAY FEATURES INCLUDING, BUT NOT LIMITED TO, PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, AND TRAFFIC SIGNS WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR UNLESS NOTED OTHERWISE ON THE PLANS. ALL FEATURES WHICH ARE TO BE REMOVED AND FOR WHICH THERE IS NO SPECIFIC PAY ITEM, WILL NOT BE MEASURED SEPARATELY FOR PAYMENT AND THE COST OF THIS REMOVAL WORK SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.

### EARTHWORK

- THE CONTRACTOR SHALL BENCH THE PROPOSED EMBANKMENT INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.

### PAVING

- THE CONTRACTOR SHALL NOTE THE LOCATION OF ALL MANHOLE AND VALVE COVER FRAMES AND LIDS LOCATED WITHIN RESURFACING LIMITS. APPROPRIATE CARE SHALL BE TAKEN TO PROTECT THESE ITEMS DURING MILLING OPERATIONS.
- THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURES ARE PLACED.
- HIGH EARLY STRENGTH CONCRETE MIX SHALL BE USED FOR THE CONSTRUCTION OF PCC ENTRANCES. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS PCC DRIVEWAY PAVEMENT ITEMS INCLUDED IN THE CONTRACT.
- AT VARIOUS LOCATIONS, IT MAY BE NECESSARY TO TRANSITION PROPOSED COMBINATION CONCRETE CURB AND GUTTER TO MEET EXISTING CURBS OR GUTTERS. THE MINIMUM LENGTH OF TRANSITIONAL COMBINATION CURB AND GUTTER SHALL BE 10 FEET, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.

### DRAINAGE

- STORM SEWER INVERTS SHOWN ON THE PLANS HAVE BEEN CALCULATED TO THE CENTER OF THE STRUCTURE. THE STORM SEWER SLOPES SHOWN ON THE PLANS ARE THE PERCENT GRADE FROM CENTER TO CENTER OF STRUCTURE. THE LENGTH OF STORM SEWERS SHOWN ON THE PLANS IS THE DISTANCE FROM CENTER TO CENTER OF STRUCTURE. STORM SEWER WILL BE MEASURED AND PAID FOR AS SPECIFIED IN ARTICLES 550.09 AND 550.10 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." FLARED END SECTIONS ARE LOCATED BY STATION, OFFSET AND FLOWLINE ELEVATION AT THE FLARED END OF THE FLARED END SECTION.
- THE OFFSETS TO ALL INLETS AND MANHOLES ARE GIVEN TO THE CENTER OF THE OPENING AT THE BASE OF THE FRAME AND GRATE OR LID. CONCENTRIC DRAINAGE STRUCTURES WERE ASSUMED WHEN CALCULATING THESE DIMENSIONS.
- ALL TYPE 3 FRAMES AND GRATES SHALL BE FURNISHED BY THE CONTRACTOR WITH TYPE 3 GRATES AND OPEN CURB BOXES. SEE HIGHWAY STANDARD 604011 AND THE SPECIAL PROVISIONS FOR DETAILS.
- THE CONTRACTOR SHALL INCLUDE THE COST OF MAKING CONNECTIONS TO EXISTING DRAINAGE STRUCTURES IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER ITEMS INVOLVED.
- 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 CONST OF THIS WORK WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES BID FOR THE CARIOUS DRAINAGE ITEMS INCLUDED IN THE CONTRACT.

### PAVEMENT MARKING

- THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. PROPOSED CROSSWALKS AND STOP BARS SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER, IF NECESSARY, TO MATCH FIELD CONDITIONS.
- TEMPORARY PAVEMENT MARKING HAS BEEN INCLUDED IN THE SUMMARY OF QUANTITIES IN THE EVENT THE THERMOPLASTIC PAVEMENT MARKINGS ARE UNABLE TO BE INSTALLED PRIOR TO A CONSTRUCTION SHUTDOWN, IE WEATHER CONDITIONS. THE ENGINEER SHALL DETERMINE IF THE TEMPORARY PAVEMENT MARKING WILL NEED TO BE INSTALLED.

### APPROXIMATE QUANTITIES, SYMBOLS & ABBREVIATIONS

- THE FOLLOWING ITEMS AND APPROXIMATE QUANTITIES ARE INCLUDED IN THE "SUMMARY OF QUANTITIES" IN ORDER TO ESTABLISH A UNIT COST FOR WORK WHICH MAY BE REQUIRED TO CONSTRUCT THIS SECTION. THE ACTUAL QUANTITY OF EACH ITEM SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

AGGREGATE FOR TEMPORARY ACCESS	50	TON
WATER VALVES TO BE ADJUSTED	10	EACH
DOMESTIC METER VAULT TO BE ADJUSTED	2	EACH

- THE FOLLOWING SYMBOLS, ABBREVIATIONS AND PATTERNS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARD 000001:

BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
CONSTR	CONSTRUCTION
CP	CONTROL POINT
ELEV	ELEVATION
K	LENGTH OF VERTICAL CURVE PER PERCENT GRADE DIFFERENCE
N/F	NOW OR FORMERLY
PVI	POINT OF VERTICAL INTERSECTON
PVC	POLYVINYL CHLORIDE PIPE
RG	RUBBER GASKET
TCE	TEMPORARY CONSTRUCTION EASEMENT
TBA	TO BE ADJUSTED
TBRL	TO BE RELOCATED
THPL	THERMOPLASTIC
TYP	TYPICAL
VWGF	VARIABLE WIDTH GUTTER FLAG
W	WIDTH

### COMMITMENTS

- ONE ENTRANCE FOR THE NOVUS-CRESTWOOD SAMS PROPERTY SHALL REMAIN OPEN AT ALL TIMES
- NO VIBRATORY EQUIPMENT OTHER THAN A WALK BEHIND UNIT WILL BE USED WITHIN 25 FEET OF THE HIGH PRESSURE GAS LINES AT STA. 18+80 AND STA. 18+90.

### EMERGENCY CONTACTS DURING LANE CLOSURE

FAIRVIEW HEIGHTS POLICE DEPARTMENT  
618-489-2100

FAIRVIEW HEIGHTS FIRE DEPARTMENT  
618-233-2121

EMS SERVICES  
MED STAR AMBULANCE  
618-443-5061

ABBOTT AMBULANCE  
314-768-1000

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	DRAWN -	REVISED -
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PLOT DATE = 5/11/2021	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES & COMMITMENTS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST. CLAIR	40	2
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS		FED. AID PROJECT		

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
*		20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	23
		20200100	EARTH EXCAVATION	CU YD	920
*		20800150	TRENCH BACKFILL	CU YD	10
		21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,894
		21101655	TOPSOIL FURNISH AND PLACE, 14"	SQ YD	123
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	84
		28000400	PERIMETER EROSION BARRIER	FOOT	585
		28000500	INLET AND PIPE PROTECTION	EACH	3
		35101100	AGGREGATE BASE COURSE, TYPE A 12"	SQ YD	2,612
		35101400	AGGREGATE BASE COURSE, TYPE B	TON	38
		35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	314
		40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	50
		40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2,983
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	978

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
		40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	779
		40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	239
		40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	143
		40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	7
		42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	2
		42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	315
		42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	5,577
*		42400800	DETECTABLE WARNINGS	SQ FT	320
		44000100	PAVEMENT REMOVAL	SQ YD	2,211
*		44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	829
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	258
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,294
		550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	37
*		56109210	WATER VALVES TO BE ADJUSTED	EACH	10

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS  
SI - SPECIALTY ITEM

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST. CLAIR	40	3
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS FED. AID PROJECT				

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
	*	56500300	DOMESTIC METER VAULTS TO BE ADJUSTED	EACH	3
	*	60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1
		60500060	REMOVING INLETS	EACH	1
		60600605	CONCRETE CURB, TYPE B	FOOT	13
	*	60604300	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (VARIABLE WIDTH GUTTER FLAG)	FOOT	680
		60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	1,194
		60605900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12	FOOT	132
		60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	415
		67100100	MOBILIZATION	L SUM	1
		70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	86.8
		70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	6,844
		70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	188
		70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	280
*	*	72000100	SIGN PANEL - TYPE 1	SQ FT	295.0

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
*		72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	5
*	*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	676
*		78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	34.0
*		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	4,029
*		78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	188
*		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	280
*		78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	52.8
*		78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	2,815
*		78200020	CURB REFLECTORS	EACH	52
		78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1,088
*	*	X0327583	STAMPED COLORED PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	426
*	*	X6061310	CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)	SQ FT	783
#		Z0076600	TRAINEES	HOURL	500
*	*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
#		Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	500
*	*	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	3,122
*	*	Z0036200	PAINT CURB	FOOT	712

NOTES: SP - SEE PROJECT SPECIFIC SPECIAL PROVISIONS  
SI - SPECIALTY ITEM  
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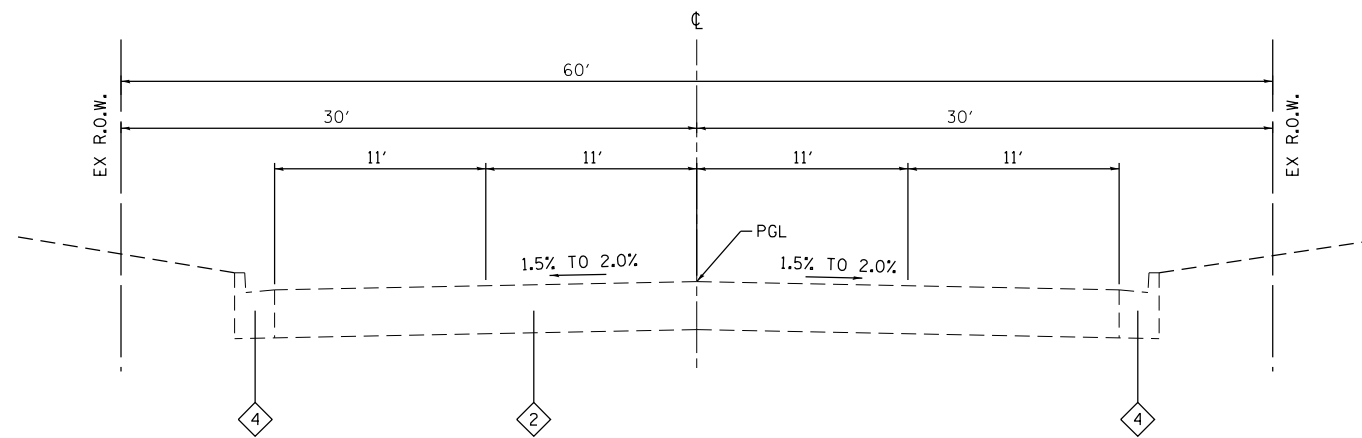
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

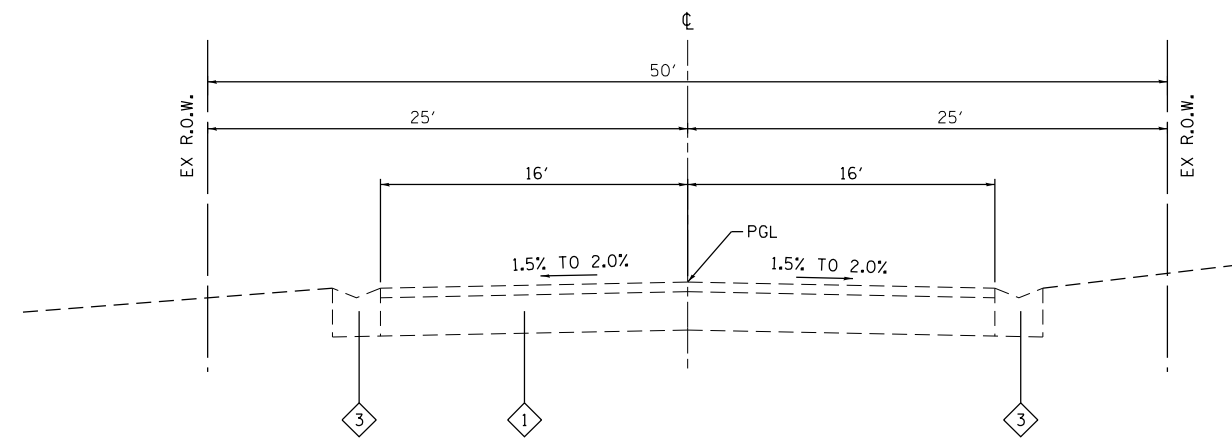
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9326	16-00042-01-PV	ST. CLAIR	40	4
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS FED. AID PROJECT				



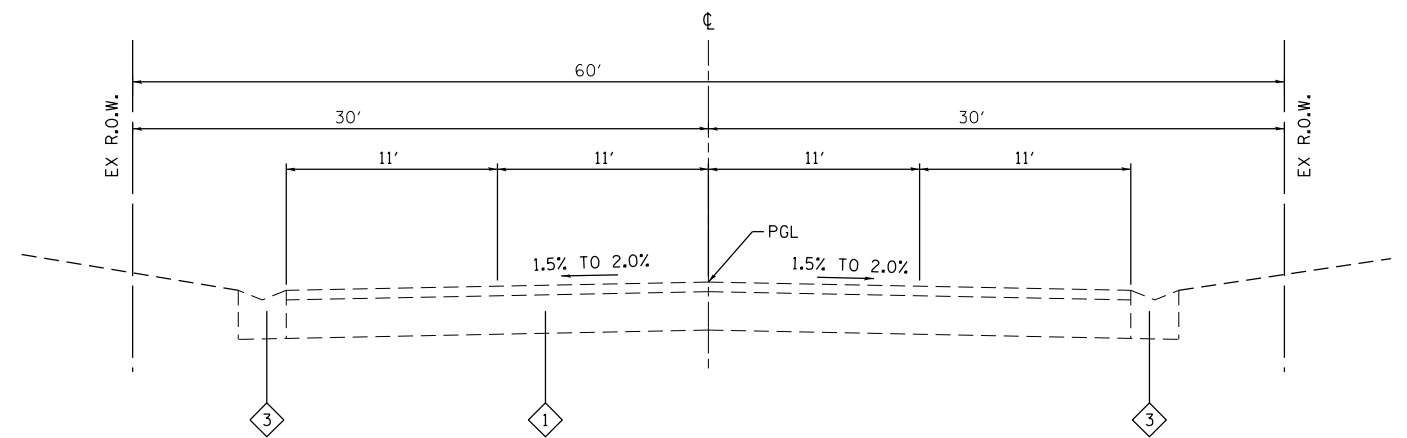
**MARKET PLACE**  
STA. 20+11 TO STA. 29+40

**TYPICAL SECTION LEGEND**

- 1 EXISTING HOT-MIX ASPHALT PAVEMENT, 10"
- 2 EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 8"
- 3 EXISTING CONCRETE V-GUTTER
- 4 EXISTING COMBINATION CONCRETE CURB & GUTTER TYPE B-6.18



**MARKET PLACE**  
STA. 16+81 TO STA. 20+11



**COMMERCE LANE**  
STA. 94+50 TO STA. 104+60

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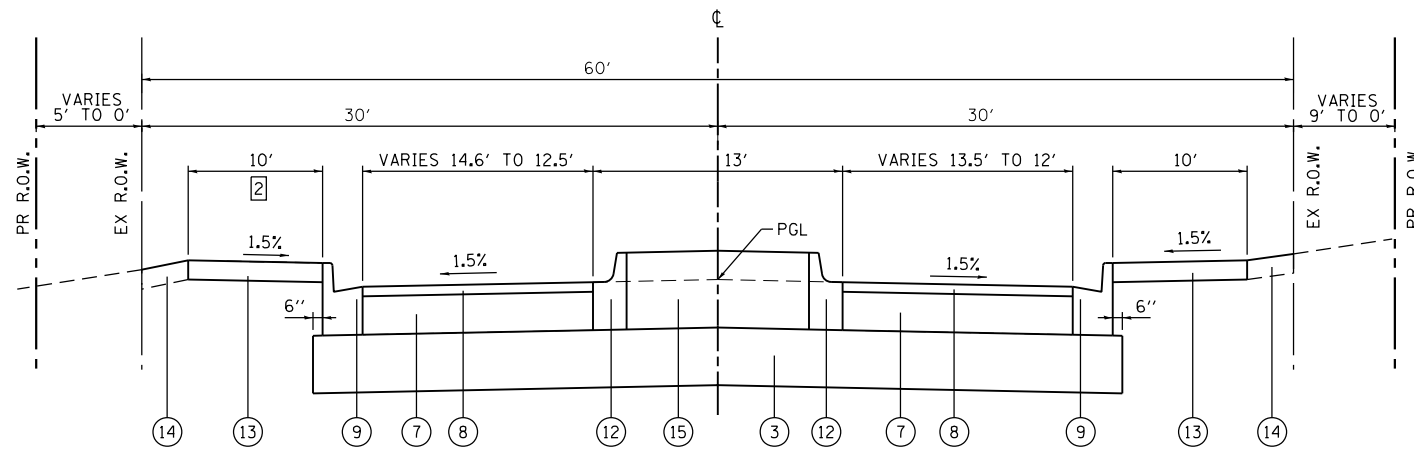
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS**

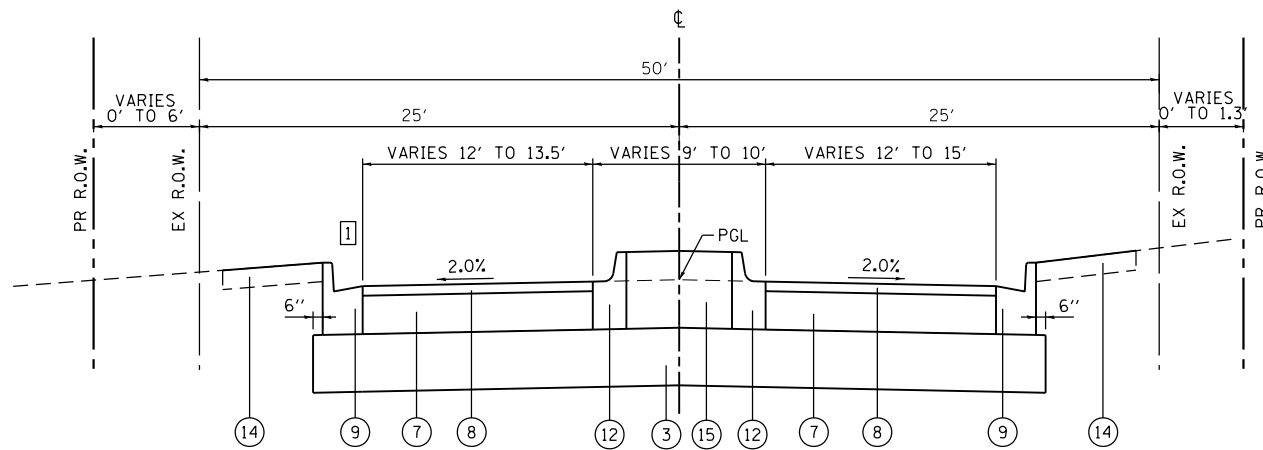
SCALE: NTS SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST. CLAIR	40	5
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS FED. AID PROJECT				



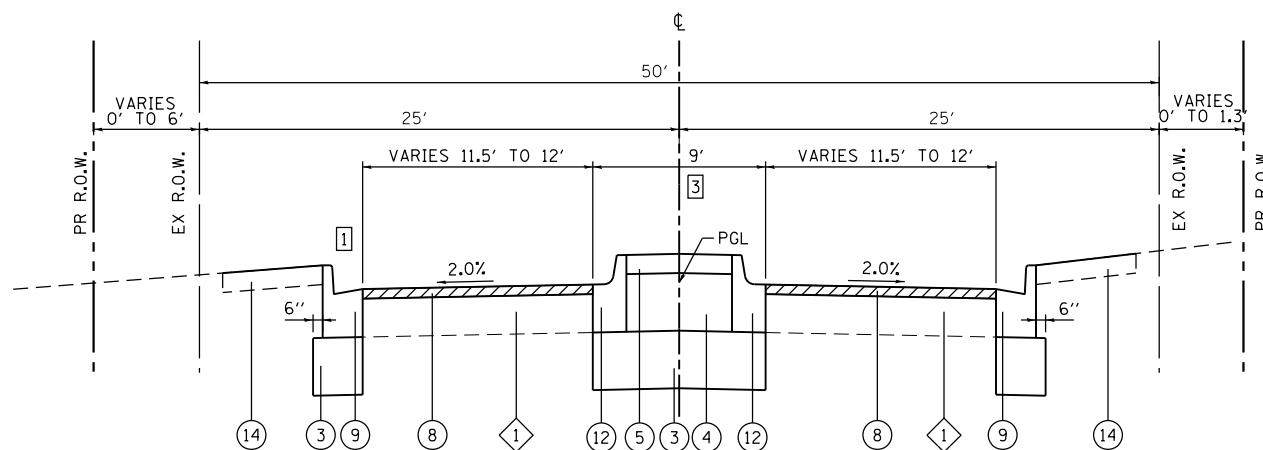
**MARKET PLACE**

STA. 20+57.5 TO STA. 21+08



**MARKET PLACE**

STA. 19+09 TO STA. 19+42.5



**MARKET PLACE**

STA. 18+39 TO STA. 19+09

**TYPICAL SECTION LEGEND**

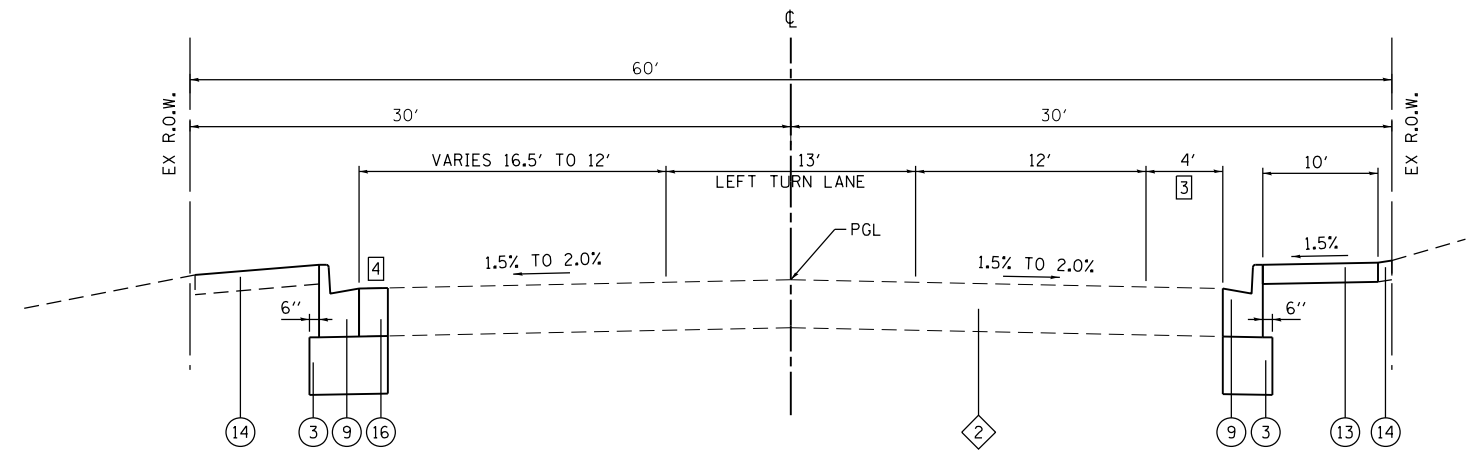
- 1 EXISTING HOT-MIX ASPHALT PAVEMENT, 10"
- 2 EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 8"
- 3 PROPOSED AGGREGATE BASE COURSE, TYPE A, 12"
- 4 PROPOSED AGGREGATE BASE COURSE, TYPE B
- 5 PROPOSED CONCRETE MEDIAN SURFACE, 4" SPECIAL
- 6 PROPOSED STAMPED COLORED PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- 7 PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL 19.0 N70, 10.5"
- 8 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL 9.5 MIX "D" N70, 2"
- 9 PROPOSED CONCRETE CURB & GUTTER, TYPE B-6.18
- 10 PROPOSED CONCRETE CURB & GUTTER, TYPE B-9.12
- 11 PROPOSED CONCRETE CURB & GUTTER, TYPE M-2.12
- 12 PROPOSED CONCRETE CURB & GUTTER, TYPE B-6.12 VWGF
- 13 PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 6"
- 14 PROPOSED TOPSOIL, 4"
- 15 PROPOSED TOPSOIL, 14"
- 16 PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 8"

**TYPICAL SECTION LEGEND**

HMA SURFACE REMOVAL, 2"

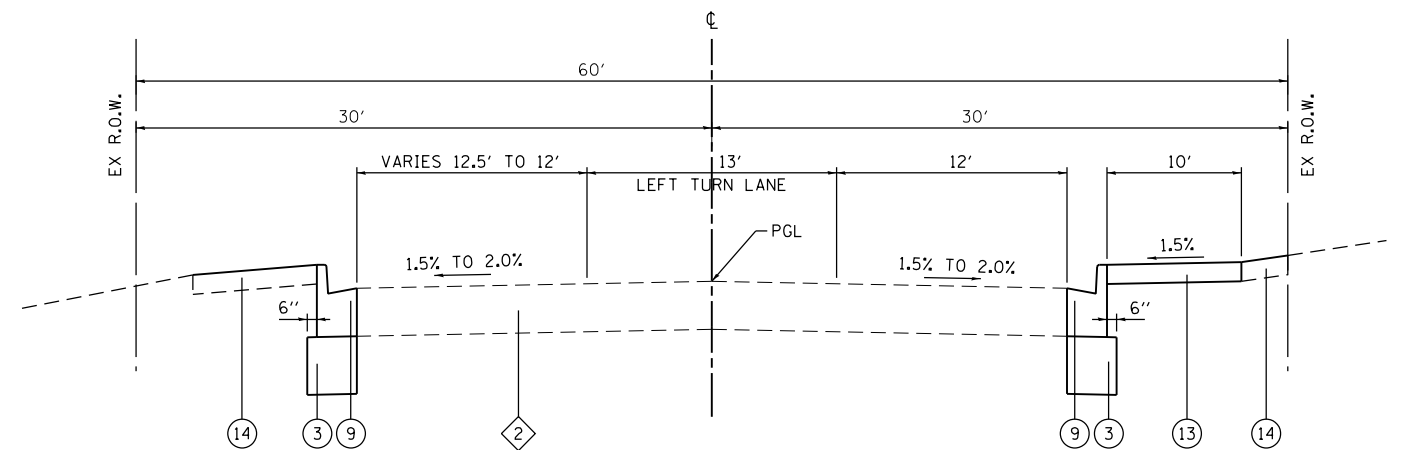
**TYPICAL SECTION NOTES**

- 1 SEE PLAN SHEETS FOR TRUCK APRON DIMENSIONS
- 2 SIDEWALK ENDS AT 20+93 LT
- 3 STA. 19+07 END PCC MEDIAN SURFACE, 4" SPECIAL
- 4 VARIES 0' TO 1.5' FROM STA. 22+00 TO 22+11



**MARKET PLACE**

STA. 21+83 TO STA. 22+21



**MARKET PLACE**

STA. 21+08 TO STA. 21+83

MODEL: Default  
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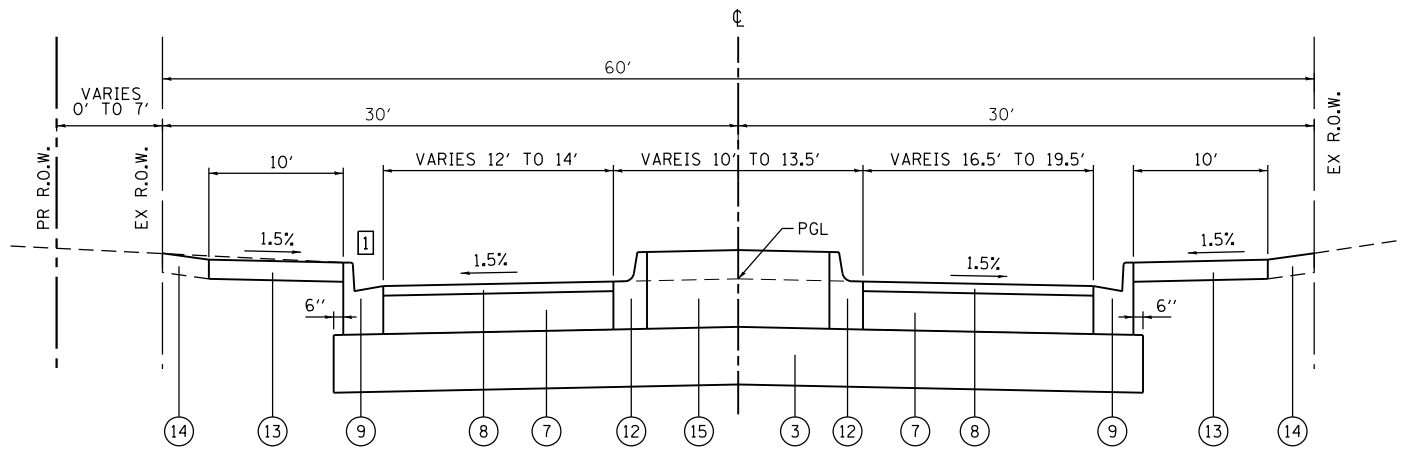
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

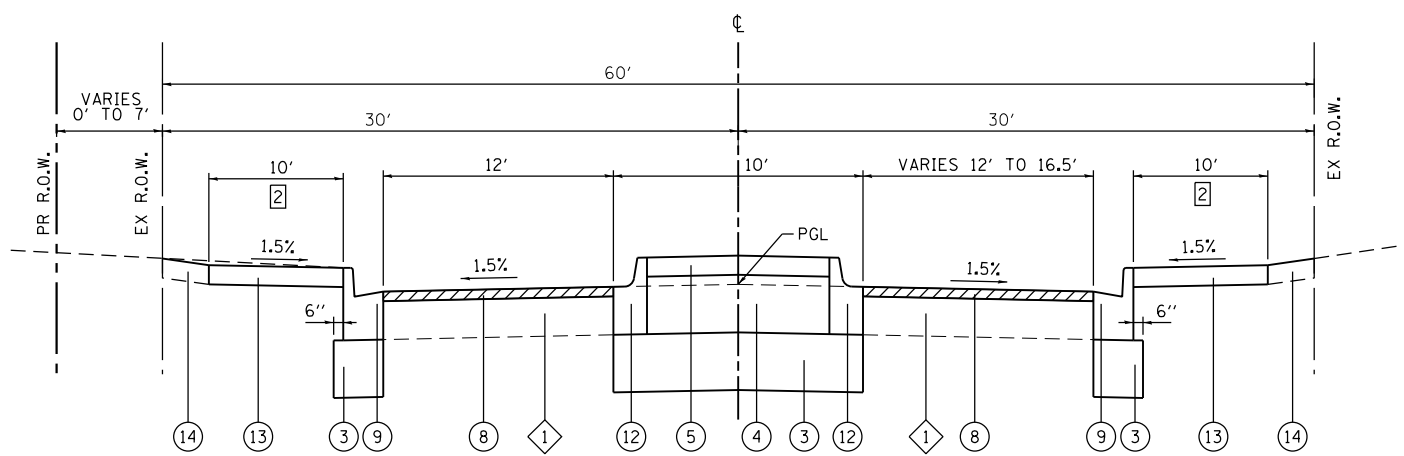
**PROPOSED TYPICAL SECTIONS**

SCALE: NTS SHEET 2 OF 5 SHEETS STA. TO STA.

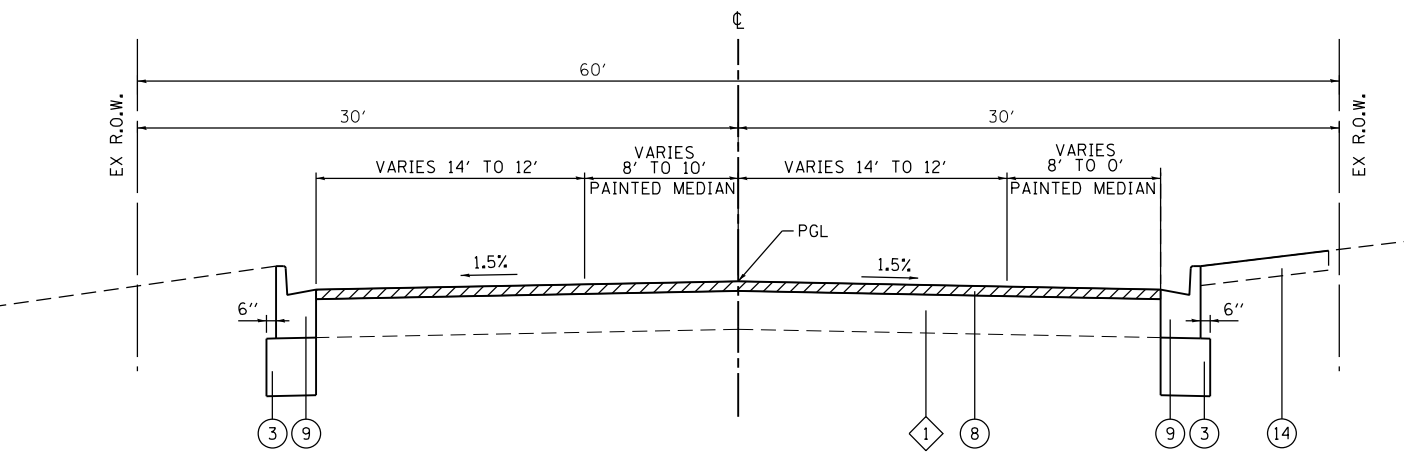
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST. CLAIR	40	6
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS FED. AID PROJECT				



**COMMERCE LANE**  
STA. 99+00 TO STA. 99+42.5



**COMMERCE LANE**  
STA. 98+31 TO STA. 99+00



**COMMERCE LANE**  
STA. 97+78 TO STA. 98+31

**TYPICAL SECTION LEGEND**

- ① EXISTING HOT-MIX ASPHALT PAVEMENT, 10"
- ② EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 8"
- ③ PROPOSED AGGREGATE BASE COURSE, TYPE A, 12"
- ④ PROPOSED AGGREGATE BASE COURSE, TYPE B
- ⑤ PROPOSED CONCRETE MEDIAN SURFACE, 4" SPECIAL
- ⑥ PROPOSED STAMPED COLORED PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- ⑦ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL 19.0 N70, 10.5"
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL 9.5 MIX "D" N70, 2"
- ⑨ PROPOSED CONCRETE CURB & GUTTER, TYPE B-6.18
- ⑩ PROPOSED CONCRETE CURB & GUTTER, TYPE B-9.12
- ⑪ PROPOSED CONCRETE CURB & GUTTER, TYPE M-2.12
- ⑫ PROPOSED CONCRETE CURB & GUTTER, TYPE B-6.12 VWGF
- ⑬ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 6"
- ⑭ PROPOSED TOPSOIL, 4"
- ⑮ PROPOSED TOPSOIL, 14"
- ⑯ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 8"

**TYPICAL SECTION NOTES**

- ① SEE PLAN SHEETS FOR TRUCK APRON DIMENSIONS
- ② PR SIDEWALK BEGINS AT STA. 98+60

**TYPICAL SECTION LEGEND**

- HMA SURFACE REMOVAL, 2"

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USER NAME = b.heil	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS**

SCALE: NTS SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST. CLAIR	40	7
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS		FED. AID PROJECT		

STRUCTURAL DESIGN TRAFFIC:		YEAR: 2029
PV = 10,009	SU = 538	MU = 215
ROAD/STREET CLASSIFICATION:		CLASS: II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 93%	S = 5%	M = 2%
TRAFFIC FACTOR:		ACTUAL = 7.9
		MIN = N/A
PG GRADE:	BINDER: PG 64-22	SURFACE: PG 64-22
STRUCTURAL SUPPORT RATING:		
SSR = GRANULAR		

**MIXTURES TABLE**

MIXTURE USE	HMA SC MIX D, N70	BINDER	INCIDENTAL
THICKNESS	2"	10.5"	VARIES
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE BDE SPECIAL PROVISIONS	SEE BDE SPECIAL PROVISIONS	SEE BDE SPECIAL PROVISIONS
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION	IL-9.5	IL-19.0	IL-9.5
FRICTION AGG	MIXTURE "D"		MIXTURE "D"

**TYPICAL SECTION LEGEND**

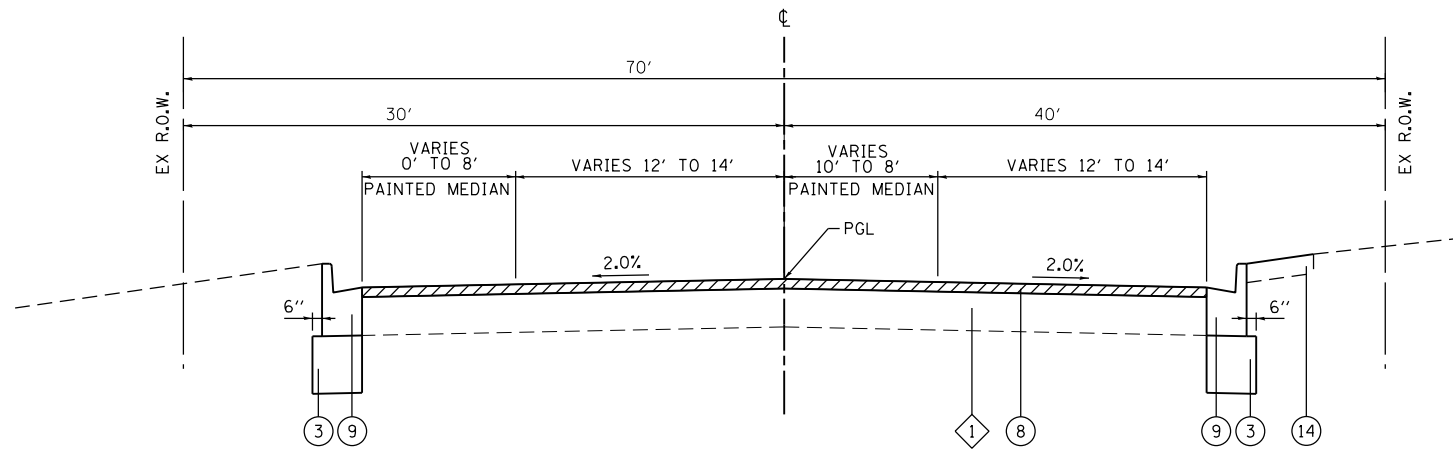
- 1 EXISTING HOT-MIX ASPHALT PAVEMENT, 10"
- 2 EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 8"
- 3 PROPOSED AGGREGATE BASE COURSE, TYPE A, 12"
- 4 PROPOSED AGGREGATE BASE COURSE, TYPE B
- 5 PROPOSED CONCRETE MEDIAN SURFACE, 4" SPECIAL
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- 8 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL 9.5 MIX "D" N70, 2"
- 9 PROPOSED CONCRETE CURB & GUTTER, TYPE B-6.18
- 10 PROPOSED CONCRETE CURB & GUTTER, TYPE B-9.12
- 11 PROPOSED CONCRETE CURB & GUTTER, TYPE M-2.12
- 12 PROPOSED CONCRETE CURB & GUTTER, TYPE B-6.12 VWGF
- 13 PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 6"
- 14 PROPOSED TOPSOIL, 4"
- 15 PROPOSED TOPSOIL, 14"
- 16 PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 8"

**TYPICAL SECTION NOTES**

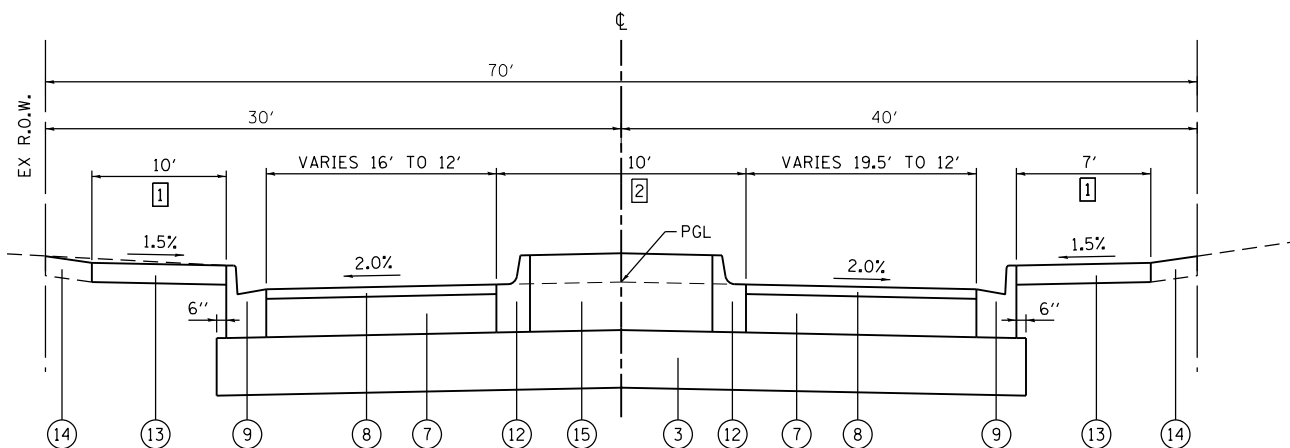
- 1 PR SIDEWALK ENDS AT STA. 100+92
- 2 PR TOP SOIL MEDIAN FILLING ENDS AT STA. 100+75  
PR PCC MEDIAN SURFACE SPECIAL BEGINS AT STA. 100+86

**TYPICAL SECTION LEGEND**

HMA SURFACE REMOVAL, 2"



**COMMERCE LANE**  
STA. 101+08 TO STA. 101+60



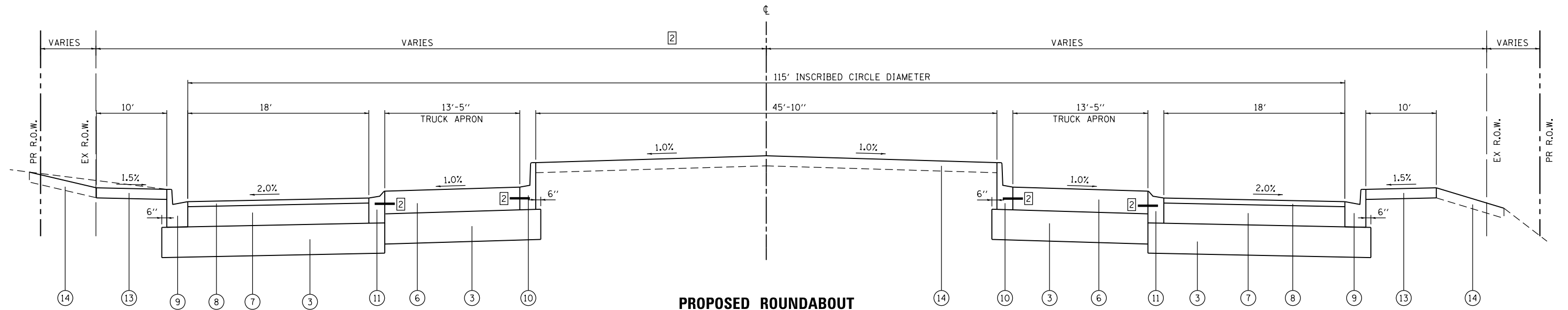
**COMMERCE LANE**  
STA. 100+57.5 TO STA. 101+08

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ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST. CLAIR	40	8
MARKET PLACE ROUNDABOUT				CONTRACT NO. 97742
ILLINOIS FED. AID PROJECT				





**PROPOSED ROUNDABOUT**

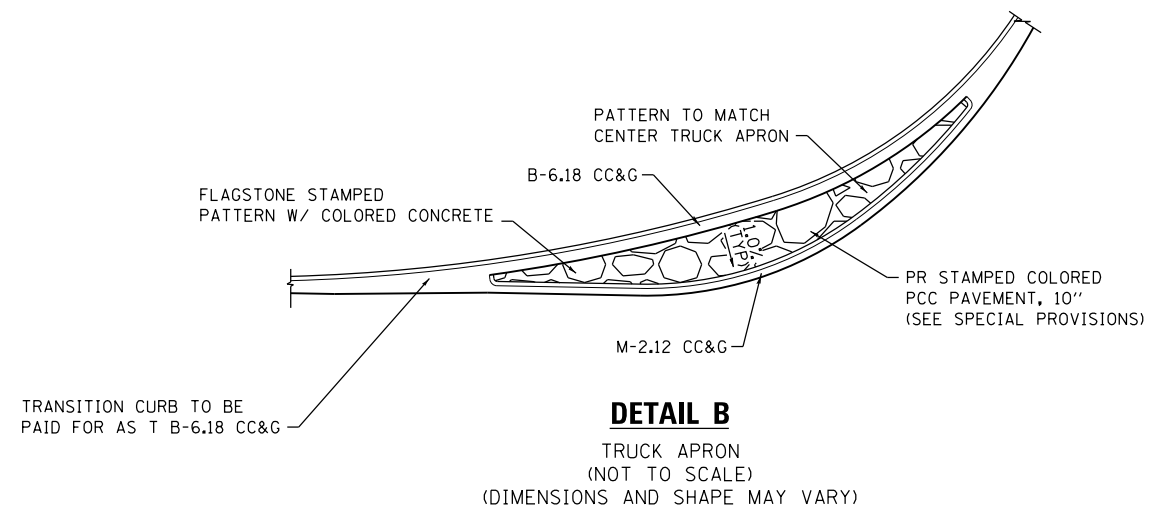
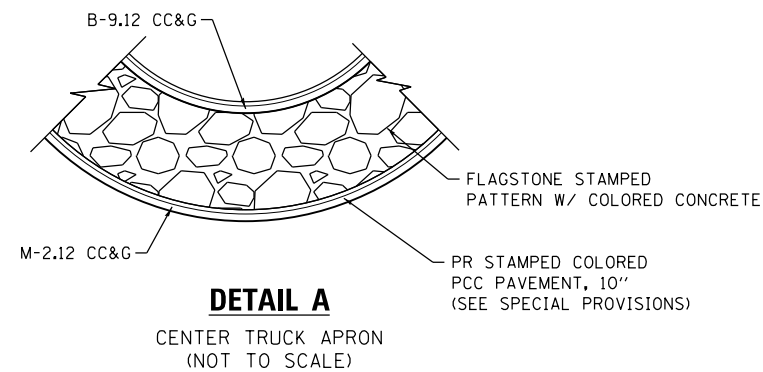
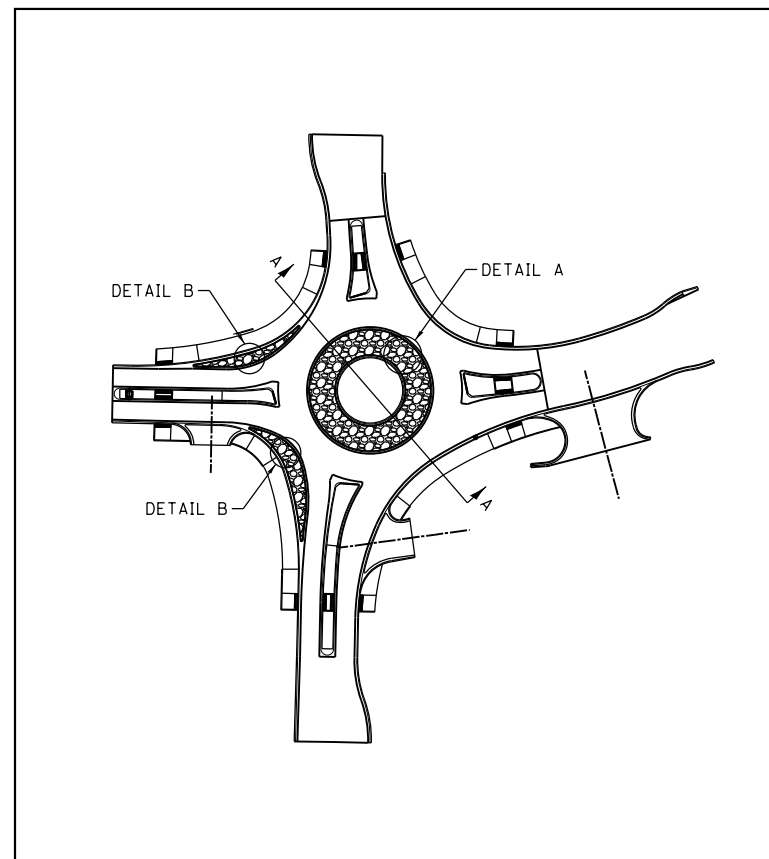
MARKET PLACE - STA. 19+42.5 TO STA. 20+57.5  
 COMMERCE LANE - STA. 99+42.5 TO STA. 100+57.5  
 (SECTION A-A)

**TYPICAL SECTION LEGEND**

- ① EXISTING HOT-MIX ASPHALT PAVEMENT, 10"
- ② EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 8"
- ③ PROPOSED AGGREGATE BASE COURSE, TYPE A, 12"
- ④ PROPOSED AGGREGATE BASE COURSE, TYPE B
- ⑤ PROPOSED CONCRETE MEDIAN SURFACE, 4" SPECIAL
- ⑥ PROPOSED STAMPED COLORED PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- ⑦ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL 19.0 N70, 10.5"
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL 9.5 MIX "D" N70, 2"
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- ⑩ PROPOSED CONCRETE CURB & GUTTER, TYPE B-9.12
- ⑪ PROPOSED CONCRETE CURB & GUTTER, TYPE M-2.12
- ⑫ PROPOSED CONCRETE CURB & GUTTER, TYPE B-6.12 VWGF
- ⑬ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 6"
- ⑭ PROPOSED TOPSOIL, 4"
- ⑮ PROPOSED TOPSOIL, 14"
- ⑯ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 8"

**TYPICAL SECTION NOTES**

- ① SEE ROW PLAN SHEETS FOR ROW LIMITS THROUGHOUT THE ROUNDABOUT
- ② TIE BARS INSTALLED PER HIGHWAY STANDARD 606001



MODEL: Default  
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 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



USER NAME = b.heil  
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 CHECKED -  
 DATE -  
 PLOT DATE = 3/14/2021

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -  
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS**

SCALE: NTS SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST. CLAIR	40	9
MARKET PLACE ROUNDABOUT			CONTRACT NO. 97742	
ILLINOIS FED. AID PROJECT				

**EARTHWORK**

STATION	STATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (NOTE 1) (CU YD)	EMBANKMENT (NOTE 2) (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (NOTE 3) (CU YD)	TOPSOIL FURNISH & PLACE 4" (SQ YD)
MARKET PLACE						
18+25	22+25	626	501	163	338	1122
COMMERCE LANE						
97+75	99+50	155	124	40	84	464
100+65	101+75	136	109	69	40	308
<b>TOTAL</b>		<b>920</b>	<b>734</b>	<b>272</b>	<b>462</b>	<b>1,894</b>

**EARTHWORK NOTES:**

- ESTIMATED SHRINKAGE FACTOR = 20%.
- APPROXIMATE EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY.
- APPROXIMATE EARTHWORK BALANCE IS SHOWN FOR INFORMATION ONLY.

**PAVEMENT**

STATION	STATION	OFFSET	AGG BASE CSE A 12 (SQ YD)	BIT MATLS PR CT (POUND)	BIT MATLS TACK CT (POUND)	HMA BC IL-19.0 N70 (TON)	HMA SC IL 9.5 "D" N70 (NOTE 1 & 2) (TON)	PCC PVT 8 (SY YD)	PAVEMENT REM (SQ YD)	STAMPED CLRDR PCC PVT 10 J	HMA SURF REM 2 (NOTE 2) (SQ YD)
MARKET PLACE											
18+39	19+09	RT	19		42		10				92
18+39	19+09	LT	34		41		10				89
18+39	19+09	CL	70						70		
19+09	19+43	RT	119	139	28	36	7			59	
19+09	19+43	LT	131	130	26	34	6		2	34	
19+43	20+58	LT/RT	1,016	1,371	275	358	68		1,864	333	
20+58	21+08	RT	182	267	54	70	13				
20+58	21+08	LT	160	221	45	58	11				
21+08	22+11	RT	31						68		
21+08	22+11	LT	33					2			
COMMERCE LANE											
97+78	99+00	RT	35		90		22		173		200
97+78	99+00	LT	113		101		25				223
99+00	99+43	RT	136	229	46	60	11				
99+00	99+43	LT	194	169	34	44	8				
100+58	101+08	RT	195	257	52	67	13				
100+58	101+08	LT	120	200	40	52	10				
101+08	101+61	RT	8		58		14				123
101+08	101+61	LT	16		46		11		34		102
<b>TOTAL</b>			<b>2,612</b>	<b>2,983</b>	<b>978</b>	<b>779</b>	<b>239</b>	<b>2</b>	<b>2,211</b>	<b>426</b>	<b>829</b>

**PAVEMENT NOTES:**

- APPLICATION RATES USED FOR QUANTITY ESTIMATES ARE AS FOLLOWS:  
 HOT-MIX ASPHALT: (BINDER & SURFACE) 112 LBS/SY/INCH THICKNESS  
 BITUMINOUS MATERIALS (PRIME COAT) 0.25LBS/SQ FT  
 BITUMINOUS MATERIALS (TACK COAT)(MILLED HMA) 0.05 LBS/SQ FT  
 BITUMINOUS MATERIALS (TACK COAT)(HMA LIFT) 0.025 LBS/SQ FT
- THE PROPOSED SURFACE COURSE SHALL BE 2 IN. THICK.
- SUB GRAN MAT A 8 IS NOT REQUIRED BELOW HMA PAVT FD 6

**CURB & GUTTER**

STATION	STATION	OFFSET	TOPSOIL F&P 14 (SQ YD)	AGG BASE CSE B (TON)	COMB CURB GUTTER REM (FOOT)	CONC CURB TB (FOOT)	COMB CC&G T B6.12 VWGF (FOOT)	COMB CC&G T B6.18 (NOTE 1) (FOOT)	COMB CC&G T B9.12 (FOOT)	COMB CC&G TM 2.12 (FOOT)	CONC MEDIAN SURF 4 SP (SQ FT)
MARKET PLACE											
18+39	20+00	RT			116			122			
18+39	19+42	CL	24	15			215				309
18+39	20+00	LT			127			121			
18+89	19+58	LT				13			79		
19+24	19+62	RT							94		
20+00		CL						132	242		
20+00	22+21	RT			233			185			
20+58	21+07	CL	42				116				
20+00	22+21	LT			193			191			
COMMERCE LANE											
97+78	100+00	RT			201			195			
97+78	100+00	LT			179			169			
98+32	99+40	CL	40	18			237				363
100+00	101+37	RT			103			86			
100+00	101+61	LT			142			125			
100+58	107+08	CL	17	5			112				111
<b>TOTAL</b>			<b>123</b>	<b>38</b>	<b>1,294</b>	<b>13</b>	<b>680</b>	<b>1,194</b>	<b>132</b>	<b>415</b>	<b>783</b>

**CURB & GUTTER NOTES:**

- THE TRANSITION FROM TYPE B-6.18 CC&G TO TYPE B-6.24 CC&G SHALL BE MEASURED FOR PAYMENT AS COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18.

**SIDEWALK**

STATION	STATION	OFFSET	PC CONC SIDEWALK 6 (NOTE 1) (SQ FT)	DETECTABLE WARNINGS (NOTE 1) (SQ FT)
MARKET PLACE				
18+39	20+00	RT	463	20
18+39	20+00	CL	64	40
18+39	20+00	LT	902	20
20+00	21+13	RT	858	20
20+00	21+13	CL	112	40
20+00	21+13	LT	485	20
COMMERCE LANE				
98+60	100+00	RT	588	20
98+60	100+00	CL	75	40
98+60	100+00	LT	974	20
100+00	100+90	RT	514	20
100+00	100+90	CL	82	40
100+00	100+90	LT	460	20
<b>TOTAL</b>			<b>5,577</b>	<b>320</b>

**SIDEWALK NOTES:**

- SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED ARE REQUIRED. SEE PLAN SHEETS FOR LOCATIONS AND TYPES. SEE CONSTRUCTION DETAILS SHEET AND HIGHWAY STANDARD 424001 FOR CURB RAMP DETAILS.

MODEL: Default; FILE: Market; Path: I:\1800\Market\Market\CAO\_Sheets\0815180-Sht-Schedule.dgn



USER NAME = b.heil	DESIGNED -	REVISED -
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PLOT DATE = 3/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES OF QUANTITIES**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST. CLAIR	40	10
MARKET PLACE ROUNDABOUT			CONTRACT NO. 97742	
ILLINOIS FED. AID PROJECT				

**PAVEMENT MARKING**

STATION	STATION	OFFSET	COMMENT	COLOR	TEMP PVT MK LTRS & SYMB  (SQ FT)	TEMP PVT MK LINE 4  (FOOT)	TEMP PVT MK LINE 12  (FOOT)	TEMP PVT MK LINE 24  (FOOT)	THPL PVT MK LTRS & SYMB  (SQ FT)	THPL PVT MK LINE 4  (FOOT)	THPL PVT MK LINE 12  (FOOT)	THPL PVT MK LINE 24  (FOOT)	PAINT PVT MK LTRS & SYMB  (SQ FT)	PAINT PVT MK LINE 4  (FOOT)	PAINT CURB  (FOOT)	CURB REFLECTORS  (EACH)	PAVT MK REM WTR BL  (SQ FT)	TEMP PAVT MK REM WTR BL  (SQ FT)
<b>MARKET PLACE</b>																		
16+81	18+39	CL	CL TAPER	YELLOW		632	36			632	36						105	247
18+39	19+44	LT/RT	EDGE LINES			427				427					227	16		143
18+71		LT/RT	X-WALK	WHITE				60				60						120
19+39		RT	YIELD BARS	WHITE	8				8									8
20+56	21+08	LT/RT	EDGE LINES			285				285					136	12		95
20+60		LT	YIELD BARS	WHITE	8			80	8			80						168
20+83		LT/RT	X-WALK	WHITE														
21+08	22+11	LT	EDGE LINE	WHITE		100								100			36	34
21+08	29+40	RT	EDGE LINE	WHITE		832								832				278
21+08	27+66	CL	TWLTL	YELLOW		1,645								1,645			494	548
21+08	27+66	CL	TWLTL ARROWS	WHITE	52.8								52.8					53
27+66	28+28	LT	LANE TAPER	YELLOW		124								124			218	42
28+26	29+40	RT	LANE LINE	WHITE		114								114				38
<b>COMMERCE LANE</b>																		
94+50	96+81	LT/RT	SKIP DASH	WHITE		80				80							120	27
96+81	98+32	CL	LANE TAPER	YELLOW		600	42			600	42							242
96+81	98+32	RT	LANE TAPER	WHITE		150	26			150	26							76
97+78	98+32	LT	EDGE LINE	WHITE		54				54								18
98+32	99+43	LT/RT	EDGE LINES			477				477								159
98+65		LT/RT	X-WALK	WHITE				60				60			237	16		120
99+35		RT	YIELD BARS	WHITE	10				10									10
100+57	101+08	LT/RT	EDGE LINES			244				244					112	8		82
100+63		LT	YIELD BARS	WHITE	8				8									8
100+81		LT/RT	X-WALK	WHITE				80				80						160
101+08	101+61	RT	EDGE LINE	WHITE		50				50								17
101+08	102+58	LT	LANE TAPER	WHITE		152	39			152	39							90
101+08	102+58	CL	LANE TAPER	YELLOW		488	45			488	45							208
102+58	104+60	LT/RT	SKIP DASH	WHITE		70				70							115	24
<b>INSCRIBED CIRCLE</b>																		
19+44	20+56		CENTER EDGE LINE	YELLOW		252				252								84
19+44	20+56		3' - 3' SKIP DASH	WHITE		68				68								23
<b>TOTAL</b>					<b>86.8</b>	<b>6,844</b>	<b>188</b>	<b>280</b>	<b>34.0</b>	<b>4,029</b>	<b>188</b>	<b>280</b>	<b>52.8</b>	<b>2,815</b>	<b>712</b>	<b>52</b>	<b>1,088</b>	<b>3,122</b>

**PAVEMENT MARKING NOTES:**

- SEE HIGHWAY STANDARD 780001 FOR PAVEMENT MARKING DETAILS.
- SEE DETAIL G FOR CURB REFLECTOR STANDARDS.  
CURB REFLECTOR QUANTITY INCLUDES THE FOLLOWING TYPES:  

44 EACH	ONE-WAY AMBER REFLECTORS
8 EACH	ONE-WAY CRYSTAL REFLECTORS
52 EACH	

**DRAINAGE & UTILITY ADJUSTMENT**

STATION	STATION	OFFSET	TRENCH BACKFILL  (CU YD)	SS RG CL A 1 12'  (FOOT)	INLETS TA T3F&G  (EACH)	REMOV INLETS  (EACH)
<b>MARKET PLACE</b>						
20+65	20+98	RT	10	37		
20+65		RT			1	
20+99		RT				1
<b>TOTAL</b>			<b>10</b>	<b>37</b>	<b>1</b>	<b>1</b>

**ENTRANCE**

STATION  (NOTE 1)	OFFSET	ENTRANCE TYPE	ENTRANCE WIDTH "W"  (NOTE 1)  (FOOT)	ENTRANCE DEPTH "D"  (NOTE 3)  (FOOT)	AGG BASE CSE B 4  (SQ YD)	BIT MATLS TACK CT  (NOTE 4)  (LBS)	INCIDENTAL HMA SURF  (NOTE 4)  (TON)	PCC DRIVEWAY PAVT 8  (NOTE 2)  (SQ YD)	DRIVEWAY PAVEMENT REM  (SQ YD)
<b>MARKET PLACE</b>									
19+01	RT	CONC	28	12	43	20	3	44	53
21+35	RT	CONC	40	31	191	86	2	190	125
<b>COMMERCE LANE</b>									
99+00	RT	CONC	22	25	80	37	2	81	80
<b>TOTAL</b>					<b>314</b>	<b>143</b>	<b>7</b>	<b>315</b>	<b>258</b>

**ENTRANCE NOTES:**

- DEPRESSED CURB AND GUTTER THROUGH ENTRANCES SHALL BE MEASURED FOR PAYMENT AS COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18.
- DEPTH MEASURED FROM B/C.
- ENTRANCE CURBING SHALL BE INCLUDED IN THE UNIT PRICE OF PCC DRIVEWAY PAVEMENT.
- INCIDENTAL HMA INCLUDED TO TIE INTO EXISTING HMA PAVEMENT. SHALL BE USED AT THE ENGINEER'S DISCRETION

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES OF QUANTITIES**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST. CLAIR	40	11
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS   FED. AID PROJECT				

**SIGN**

STATION	OFFSET	MUTCD TYPE	DESCRIPTION	SIZE	SIGN PANEL	TELES STL SIN SUPPORT	REMOV SIGN PANEL ASSY TA	NOTES
					T1			
					(NOTE 3)			
					(IN X IN)	(SQ FT)	(FOOT)	(SQ FT)
<b>MARKET PLACE</b>								
16+15	20	RT	W2-6	CIRCULAR INTERSECTION	30 X 30	6	19	20 MPH
			W13-1PL	ADVISORY SPEED	18 X 18	2		
17+24	20	RT	W3-2	YIELD AHEAD	30 X 30	6.25	16	
18+55	0.0	CL	R4-7	KEEP RIGHT	24 X 30	5	16	
18+63	20	RT	W11-2	PEDESTRIAN X-ING	30 X 30	6.25	18	
			W16-7PL	ARROW PLAQUE	24 X 12	2		
18+81	21	LT	W11-2	PEDESTRIAN X-ING	30 X 30	6.25	18	
			W16-7PL	ARROW PLAQUE	24 X 12	2		
19+15	31	RT	R3-5R	RIGHT TURN ONLY	30 X 36	8	16	SIGN PANEL FACES ENTRANCE
			R1-2	YIELD	36 X 36	4.5	16	PLACE R5-1 ON BACK SIDE OF R1-2 (FACING ROUNDABOUT)
19+31	30	RT	R5-1	DO NOT ENTER	30 X 30	6	16	
19+36	2.5	LT	D1-1	DIRECTIONAL STREET NAME	36 X 24	6	15	"Market Place"
20+63	3	RT	D1-1	DIRECTIONAL STREET NAME	36 X 24	6	15	"Market Place"
20+62	30.5	LT	R1-2	YIELD	36 X 36	4.5	16	PLACE R5-1 ON BACK SIDE OF R1-2 (FACING ROUNDABOUT)
			R5-1	DO NOT ENTER	30 X 30	6	16	
20+79	27	RT	W11-2	PEDESTRIAN X-ING	30 X 30	6.25	18	
			W16-7PL	ARROW PLAQUE	24 X 12	2		
20+96	25	LT	W11-2	PEDESTRIAN X-ING	30 X 30	6.25	18	
			W16-7PL	ARROW PLAQUE	24 X 12	2		
21+04	0	CL	R4-7	KEEP RIGHT	24 X 30	5	16	
21+80	21	RT	R3-9b	TWO-WAY LEFT TURN LANE	24 X 36	6	16	
21+92	24	LT	W3-2	YIELD AHEAD	30 X 30	6	16	
26+00	22	LT	W2-6	CIRCULAR INTERSECTION	30 X 30	6	19	20 MPH
			W13-1PL	ADVISORY SPEED	18 X 18	2		
<b>COMMERCE LANE</b>								
94+81	26	RT	W4-2	LANE DROP	36 X 36	9	16	
95+95	26	RT	W2-6	CIRCULAR INTERSECTION	30 X 30	6	19	20 MPH
			W13-1PL	ADVISORY SPEED	18 X 18	2		
98+15	24	RT	W3-2	YIELD AHEAD	30 X 30	6	16	
98+38	5	LT	R4-7	KEEP RIGHT	24 X 30	5	16	
98+58	17	RT	W11-2	PEDESTRIAN X-ING	30 X 30	6.25	18	
			W16-7PL	ARROW PLAQUE	24 X 12	2		
98+76	25	LT	W11-2	PEDESTRIAN X-ING	30 X 30	6.25	18	
			W16-7PL	ARROW PLAQUE	24 X 12	2		
99+25	38	RT	R3-5R	RIGHT TURN ONLY	30 X 36	8	16	SIGN PANEL FACES ENTRANCE
99+33	30.5	RT	R1-2	YIELD	36 X 36	4.5	16	PLACE R5-1 ON BACK SIDE OF R1-2 (FACING ROUNDABOUT)
			R5-1	DO NOT ENTER	30 X 30	6	16	
99+37	5	LT	D1-1	DIRECTIONAL STREET NAME	36 X 24	6	15	"Commerce Lane"
100+63	7	RT	D1-1	DIRECTIONAL STREET NAME	36 X 24	6	15	"Commerce Lane"
100+66	24	LT	R1-2	YIELD	36 X 36	4.5	16	PLACE R5-1 ON BACK SIDE OF R1-2 (FACING ROUNDABOUT)
			R5-1	DO NOT ENTER	30 X 30	6	16	
100+75	33	RT	W11-2	PEDESTRIAN X-ING	30 X 30	6.25	18	
			W16-7PL	ARROW PLAQUE	24 X 12	2		
100+91	16	LT	W11-2	PEDESTRIAN X-ING	30 X 30	6.25	18	
			W16-7PL	ARROW PLAQUE	24 X 12	2		
101+02	5	RT	R4-7	KEEP RIGHT	24 X 30	5	16	
101+60	25	LT	W3-2	YIELD AHEAD	30 X 30	6	16	
103+58	27	LT	W2-6	CIRCULAR INTERSECTION	30 X 30	6	19	20 MPH
			W13-1PL	ADVISORY SPEED	18 X 18	2		
104+58	27	LT	W4-2	LANE DROP	36 X 36	9	16	

**SIGN CONTINUED**

STATION	OFFSET	MUTCD TYPE	DESCRIPTION	SIZE	SIGN PANEL	TELES STL SIN SUPPORT	REMOV SIGN PANEL ASSY TA	NOTES
					T1			
					(NOTE 3)			
					(IN X IN)	(SQ FT)	(FOOT)	(SQ FT)
<b>INSCRIBED CIRCLE</b>								
19+81	8	RT	R6-1R	ONE WAY	36 X 12	3	16	ONE WAY SIGN MOUNTED ON TOP OF CHEVRON
			R6-4a	DIRECTIONAL CHEVRON	48 X 24	8		
20+17	12	LT	R6-1R	ONE WAY	36 X 12	3	16	ONE WAY SIGN MOUNTED ON TOP OF CHEVRON
			R6-4a	DIRECTIONAL CHEVRON	48 X 24	8		
99+81	8	RT	R6-1R	ONE WAY	36 X 12	3	16	ONE WAY SIGN MOUNTED ON TOP OF CHEVRON
			R6-4a	DIRECTIONAL CHEVRON	48 X 24	8		
100+18	11	LT	R6-1R	ONE WAY	36 X 12	3	16	ONE WAY SIGN MOUNTED ON TOP OF CHEVRON
			R6-4a	DIRECTIONAL CHEVRON	48 X 24	8		
<b>TOTALS</b>						<b>295.0</b>	<b>676</b>	<b>5</b>

**SIGN NOTES**

- SEE SIGNING SHEET FOR ADDITIONAL INFORMATION
- SEE CONSTRUCTION DETAILS FOR INSTALLATION IN MEDIAN OR SIDEWALK
- THE REVERSE SIDE OF ALL ONE SIDED SIGNS SHALL BE BLACK IN COLOR AS DESCRIBED IN THE PROJECT SPECIAL PROVISIONS.

**EROSION CONTROL**

STATION	STATION	OFFSET	TEMP EROS CONTR SEED (NOTE 1) (POUND)	PERIMETER EROS BAR (FOOT)	INLET & PIPE PROTECTION (EACH)
<b>MARKET PLACE</b>					
18+39	20+00	LT/RT	50		
18+52	18+87	RT		68	
18+53	19+50	LT		108	
20+47	21+69	LT		132	
21+57	22+14	RT		67	
21+65	22+30	LT/RT			3
<b>COMMERCE LANE</b>					
97+78	101+60	LT/RT	34		
98+39	98+39	RT		22	
98+59	98+59	LT		27	
100+59	101+59	LT		111	
100+76	101+02	RT		50	
<b>TOTAL</b>			<b>84</b>	<b>585</b>	<b>3</b>

**EROSION CONTROL NOTES:**

- THE QUANTITY FOR TEMPORARY EROSION CONTROL SEEDING ASSUMES TWO SEPARATE APPLICATIONS AT A RATE OF 100 POUNDS/ACRE PER APPLICATION. THE CONTRACTOR SHALL APPLY AS NECESSARY AND AS DIRECTED BY THE ENGINEER IN THE FIELD.

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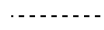
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DEPARTMENT OF TRANSPORTATION**

**SCHEDULES OF QUANTITIES**

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MARKET PLACE ROUNDABOUT			CONTRACT NO. 97742	
ILLINOIS FED. AID PROJECT				

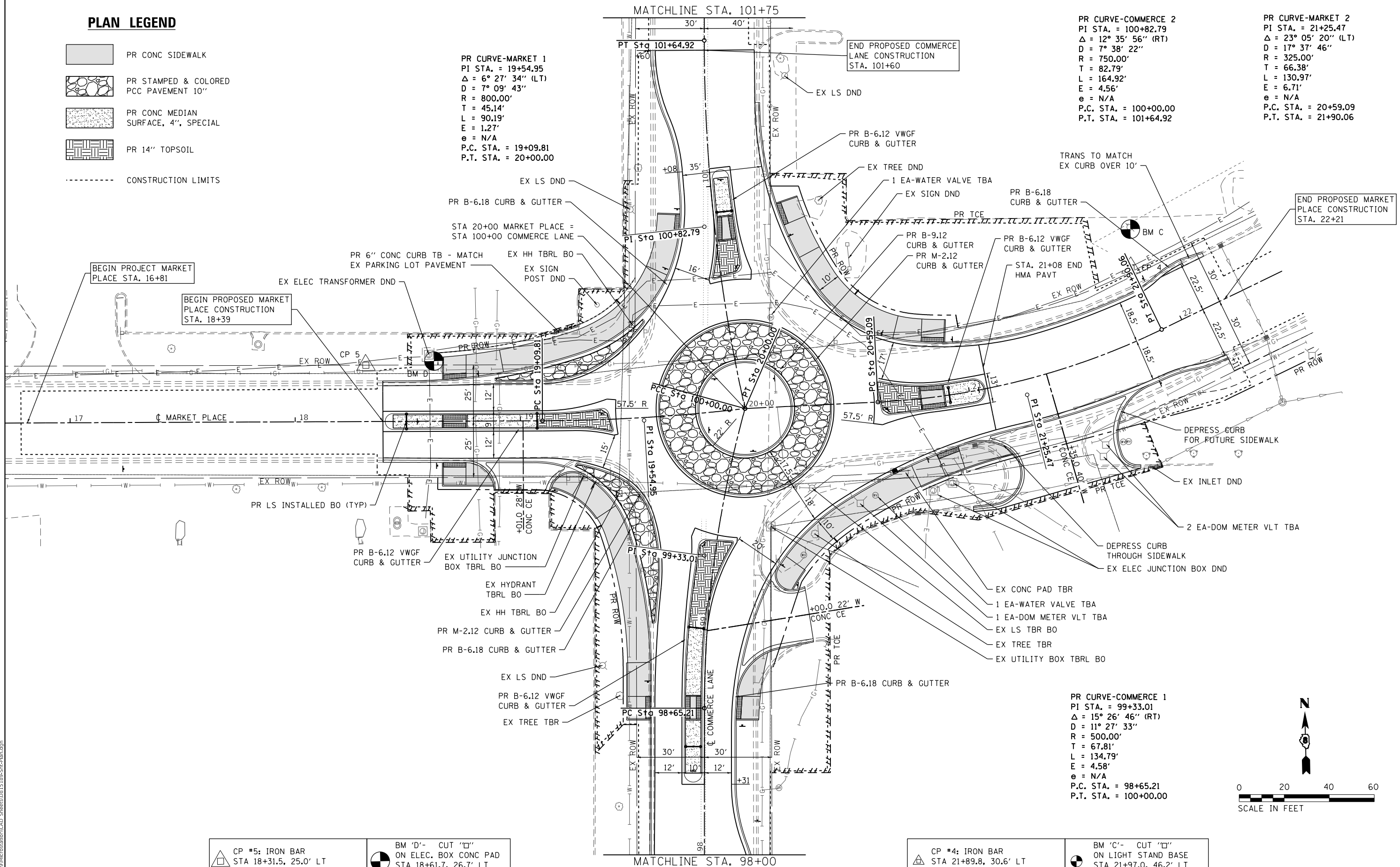
**PLAN LEGEND**

-  PR CONC SIDEWALK
-  PR STAMPED & COLORED PCC PAVEMENT 10"
-  PR CONC MEDIAN SURFACE, 4", SPECIAL
-  PR 14" TOPSOIL
-  CONSTRUCTION LIMITS

**PR CURVE-MARKET 1**  
 PI STA. = 19+54.95  
 $\Delta = 6^\circ 27' 34''$  (LT)  
 $D = 7^\circ 09' 43''$   
 $R = 800.00'$   
 $T = 45.14'$   
 $L = 90.19'$   
 $E = 1.27'$   
 $e = N/A$   
 P.C. STA. = 19+09.81  
 P.T. STA. = 20+00.00

**PR CURVE-COMMERCE 2**  
 PI STA. = 100+82.79  
 $\Delta = 12^\circ 35' 56''$  (RT)  
 $D = 7^\circ 38' 22''$   
 $R = 750.00'$   
 $T = 82.79'$   
 $L = 164.92'$   
 $E = 4.56'$   
 $e = N/A$   
 P.C. STA. = 100+00.00  
 P.T. STA. = 101+64.92

**PR CURVE-MARKET 2**  
 PI STA. = 21+25.47  
 $\Delta = 23^\circ 05' 20''$  (LT)  
 $D = 17^\circ 37' 46''$   
 $R = 325.00'$   
 $T = 66.38'$   
 $L = 130.97'$   
 $E = 6.71'$   
 $e = N/A$   
 P.C. STA. = 20+59.09  
 P.T. STA. = 21+90.06





BEGIN PROJECT MARKET PLACE STA. 16+81


BEGIN PROPOSED MARKET PLACE CONSTRUCTION STA. 18+39


END PROPOSED COMMERCE LANE CONSTRUCTION STA. 101+60

END PROPOSED MARKET PLACE CONSTRUCTION STA. 22+21

 CP #5: IRON BAR STA 18+31.5, 25.0' LT N.: 702,365.62 E.: 2,347,001.01

 BM 'D'- CUT "D" ON ELEC. BOX CONC PAD STA 18+61.7, 26.7' LT ELEV = 584.37

 CP #4: IRON BAR STA 21+89.8, 30.6' LT N.: 702,401.13 E.: 2,347,341.78

 BM 'C'- CUT "C" ON LIGHT STAND BASE STA 21+97.0, 46.2' LT ELEV = 585.09

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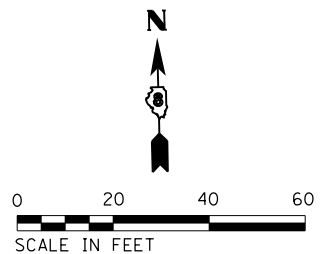
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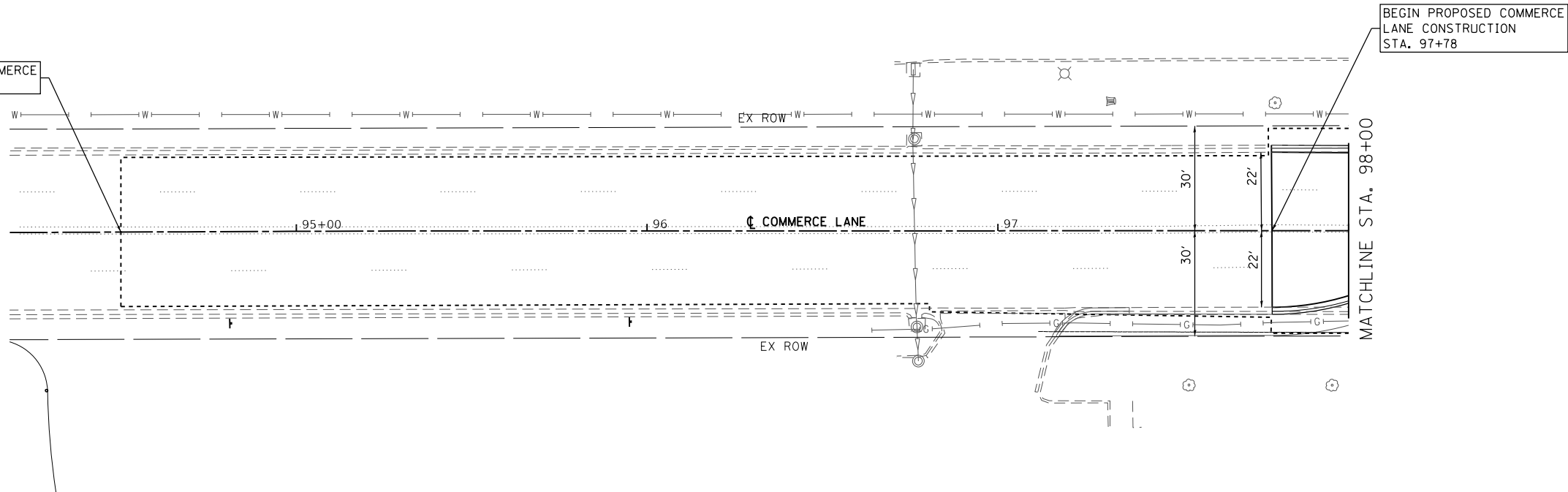
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MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		



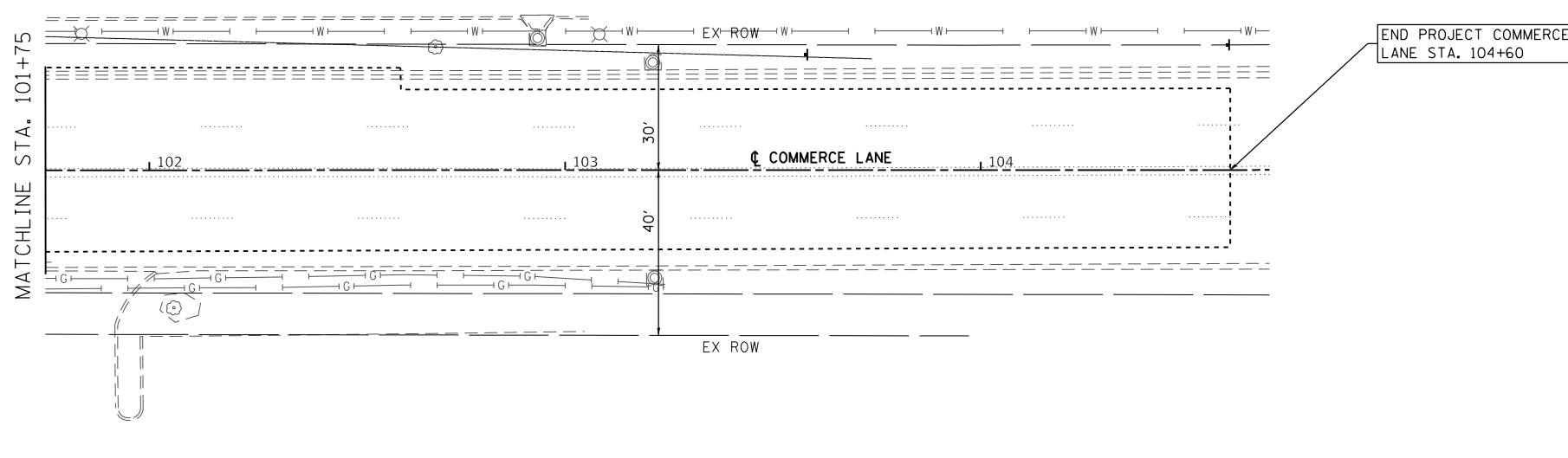
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BEGIN PROJECT COMMERCE  
LANE STA. 94+50



BEGIN PROPOSED COMMERCE  
LANE CONSTRUCTION  
STA. 97+78

MATCHLINE STA. 98+00



END PROJECT COMMERCE  
LANE STA. 104+60

MATCHLINE STA. 101+75

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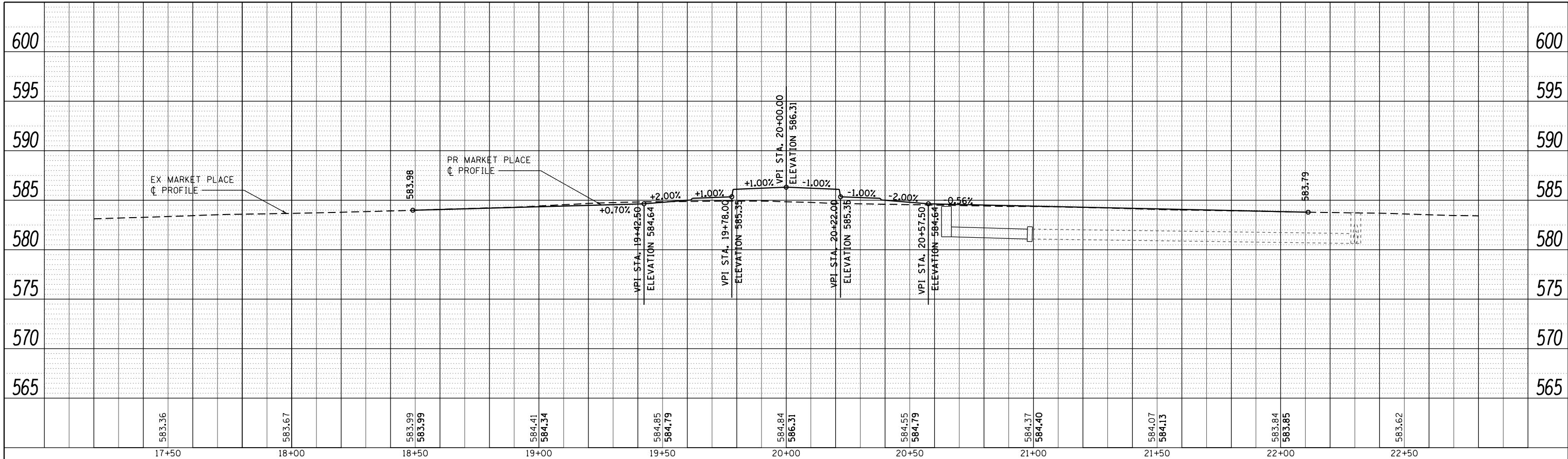
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PLAN SHEETS

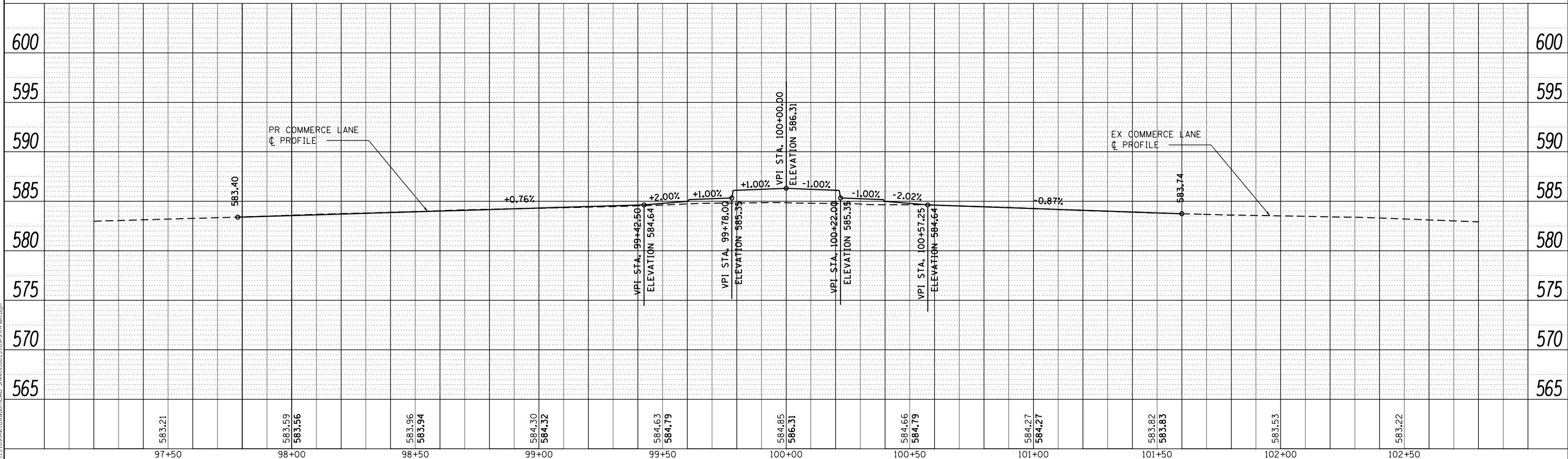
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MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS FED. AID PROJECT				

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	CAD FILE NAME		



PROFILE	SURVEYED	BY	DATE
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













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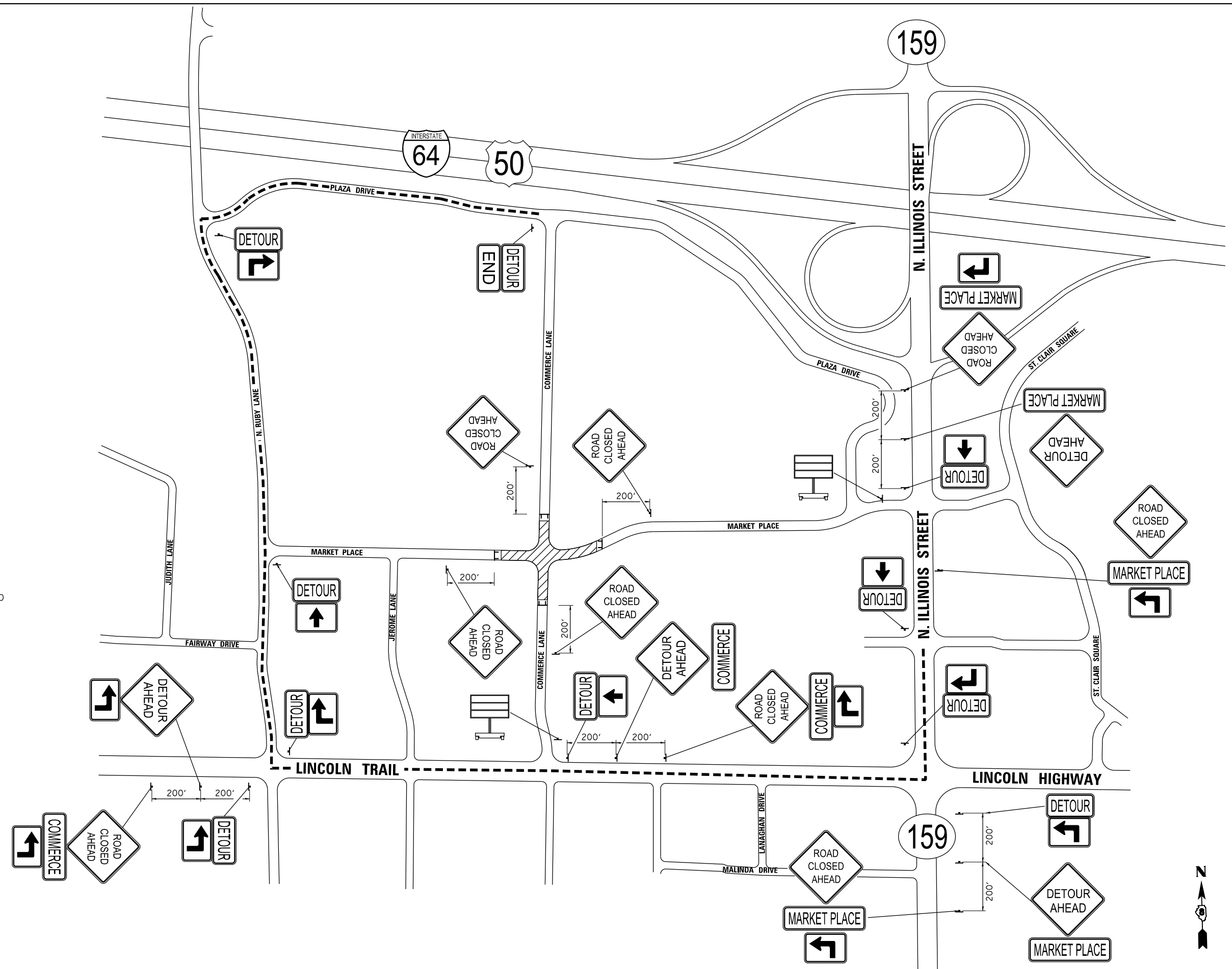
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9326	16-00042-01-PV	ST. CLAIR	40	15
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS		FED. AID PROJECT		

**TRAFFIC CONTROL LEGEND**

-  TYPE III BARRICADE
-  DETOUR ROUTE
-  SIGN LOCATION
-  WORK AREA
-  ROAD CLOSED AHEAD  
W20-3 48" X 48"
-  DETOUR AHEAD  
W20-2 48" X 48"
-  DETOUR  
M4-8 (DETOUR) 24" X 12"
-  END  
M4-8b (END) 24" X 12"
-  MARKET PLACE  
SPECIAL (MARKET PLACE)
-  COMMERCE  
SPECIAL (COMMERCE)
-  M5-1L 21" X 15"
-  M5-1R 21" X 15"
-  M6-3 21" X 15"
-  CHANGEABLE MESSAGE BOARD



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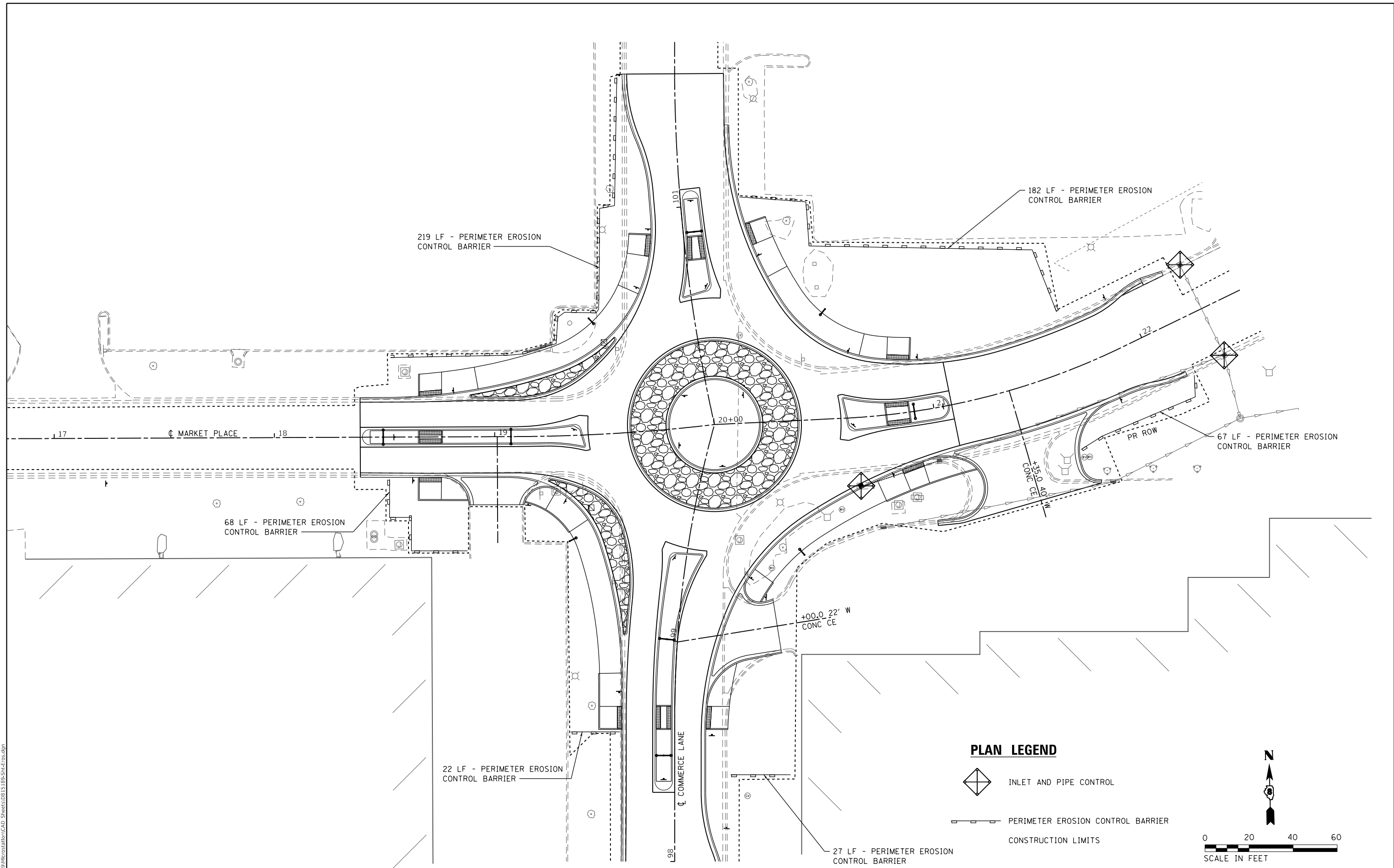
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


**TRAFFIC CONTROL PLAN**  
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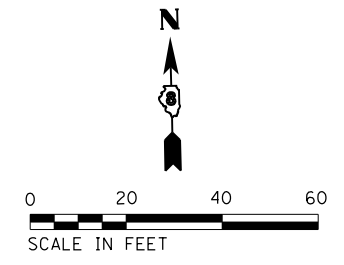
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9326	16-00042-01-PV	ST. CLAIR	40	16
CONTRACT NO. 97742			ILLINOIS FED. AID PROJECT	





**PLAN LEGEND**

-  INLET AND PIPE CONTROL
-  PERIMETER EROSION CONTROL BARRIER
-  CONSTRUCTION LIMITS



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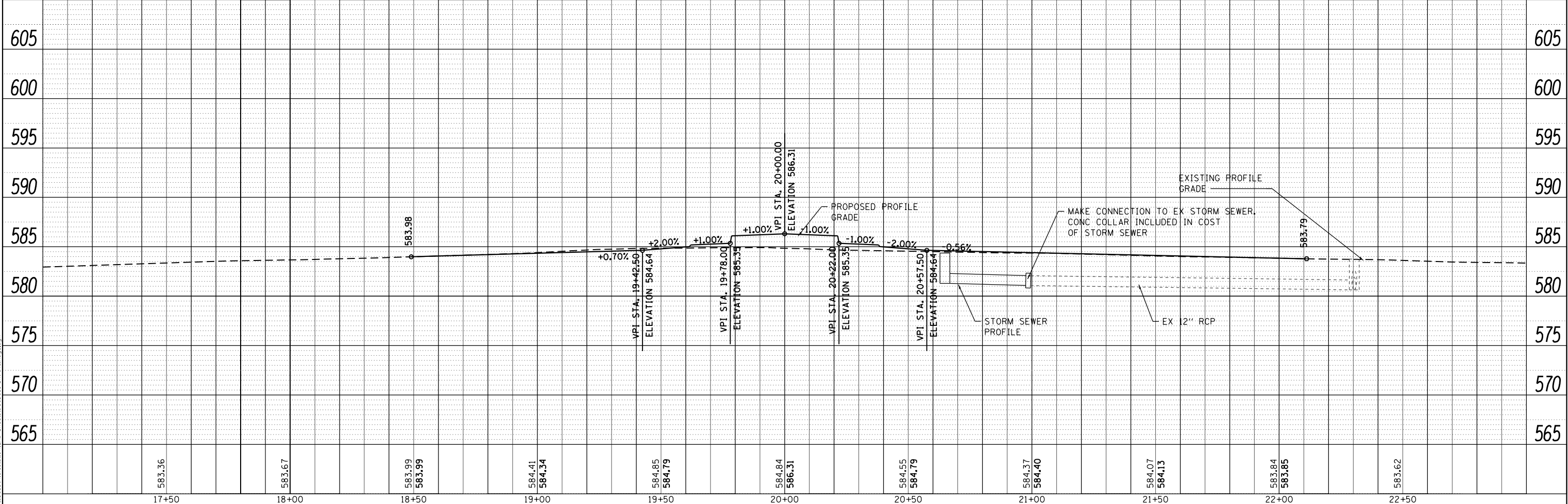
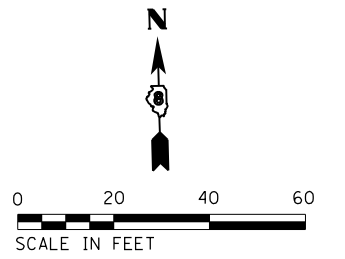
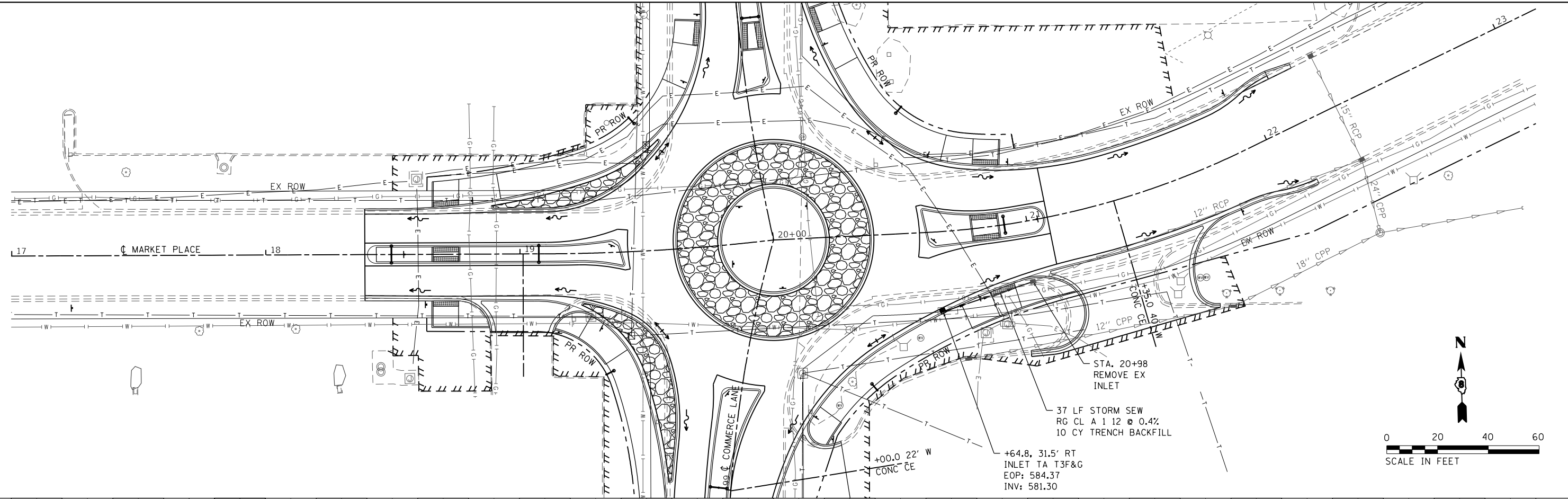
**EROSION CONTROL SHEET**

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

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MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS FED. AID PROJECT				

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	NOTE BOOK NO.	
	FILE NAME	



17+50	583.36	18+00	583.67	18+50	583.99 583.99	19+00	584.41 584.34	19+50	584.85 584.79	20+00	584.84 586.31	20+50	584.55 584.79	21+00	584.37 584.40	21+50	584.07 584.13	22+00	583.84 583.85	22+50	583.62
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USER NAME	= b.heil	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= 40,0000' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 3/14/2021	DATE	-	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE SHEET

SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. 19+69 TO STA. 25+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9146	16-00019-00-R5	ST. CLAIR	40	18
MARKET PLACE ROUNDABOUT		CONTRACT NO.		
ILLINOIS		FED. AID PROJECT		

N/F H & S INVESTMENTS GROUP, LLC  
03-28.0-200-064

N/F BELL KEY LLC  
03-28.0-200-040

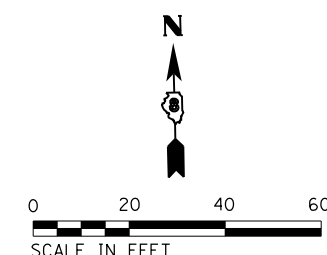
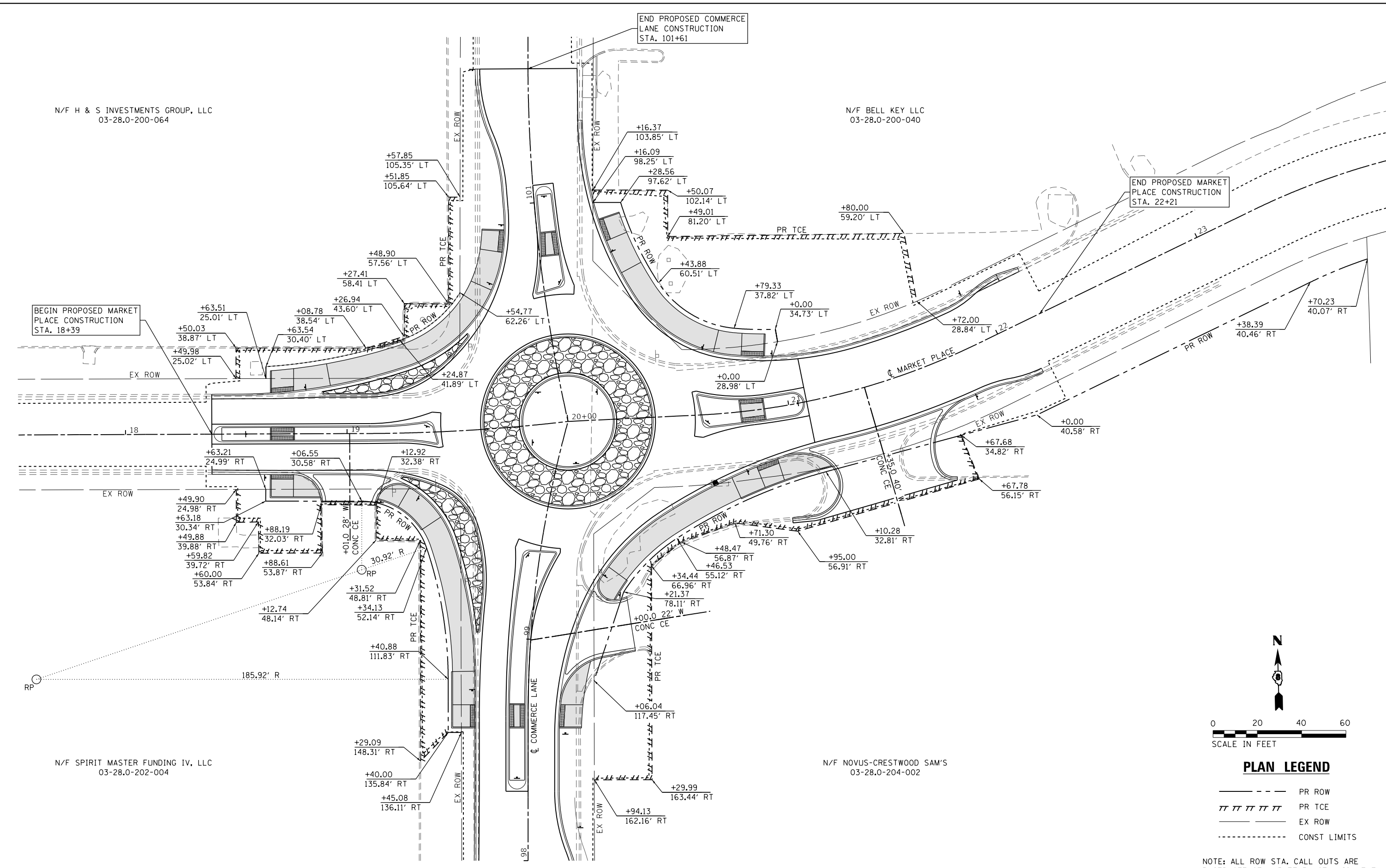
BEGIN PROPOSED MARKET PLACE CONSTRUCTION  
STA. 18+39

END PROPOSED MARKET PLACE CONSTRUCTION  
STA. 22+21

N/F SPIRIT MASTER FUNDING IV, LLC  
03-28.0-202-004

N/F NOVUS-CRESTWOOD SAM'S  
03-28.0-204-002

MODEL: Default  
FILE NAME: I:\P151899\Microstation\CAD\_Sheets\08151899-Str-ROW.dgn



**PLAN LEGEND**

- PR ROW
- ||||| PR TCE
- EX ROW
- CONST LIMITS

NOTE: ALL ROW STA. CALL OUTS ARE BASED OFF OF MARKET PLACE ALIGNMENT



USER NAME = b.heil	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

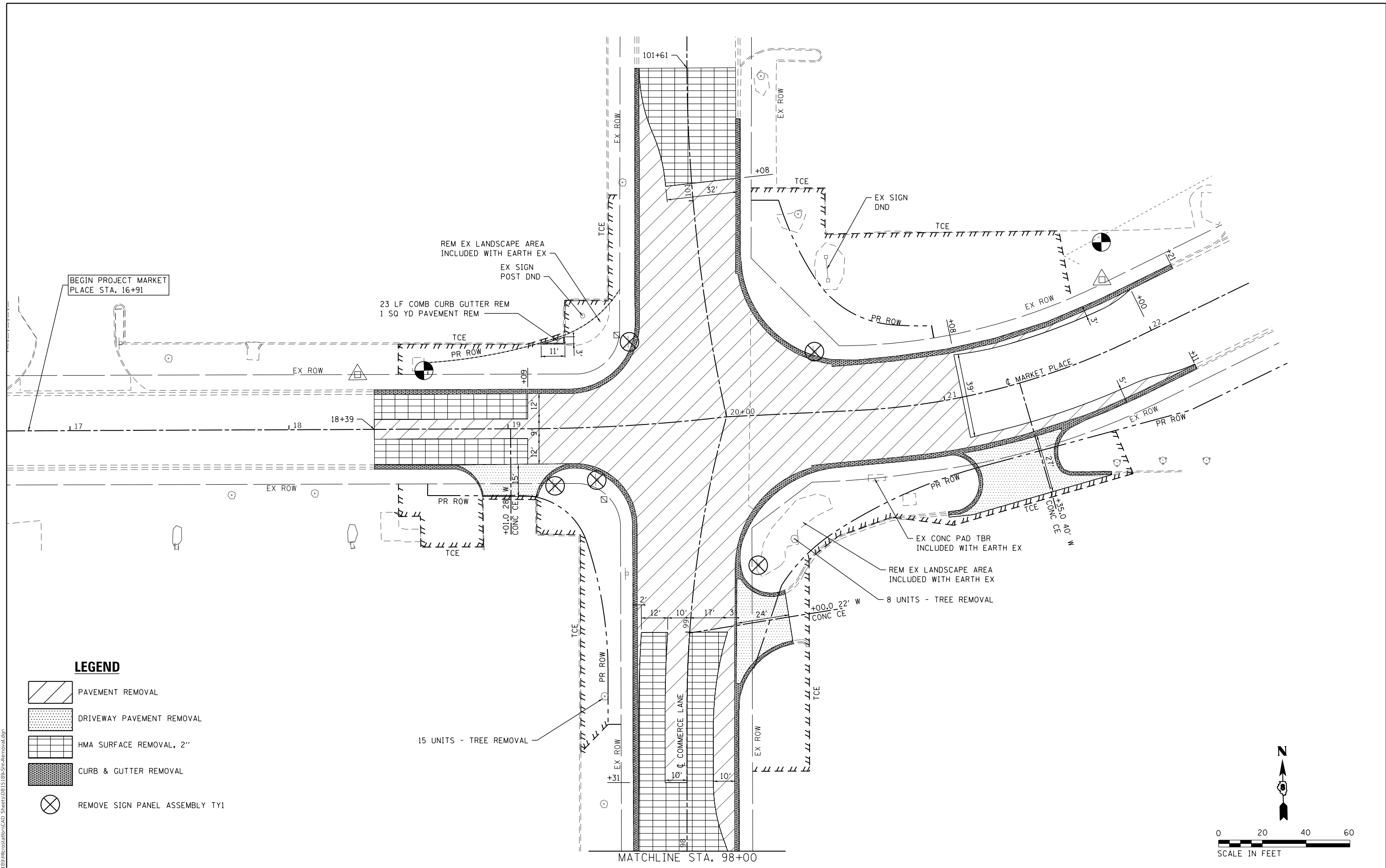
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**






**ROW PLAN SHEET**

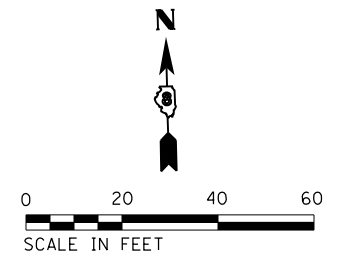
SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST. CLAIR	40	19
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS FED. AID PROJECT				

MODEL: Sheet 1  
 FILE NAME: I:\R151809\Microstation\CAD\_Sheets\08151809-Sht-Removal.dgn



- LEGEND**
-  PAVEMENT REMOVAL
  -  DRIVEWAY PAVEMENT REMOVAL
  -  HMA SURFACE REMOVAL, 2"
  -  CURB & GUTTER REMOVAL
  -  REMOVE SIGN PANEL ASSEMBLY TY1



USER NAME = b.heil	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

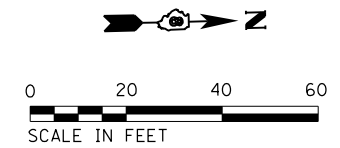
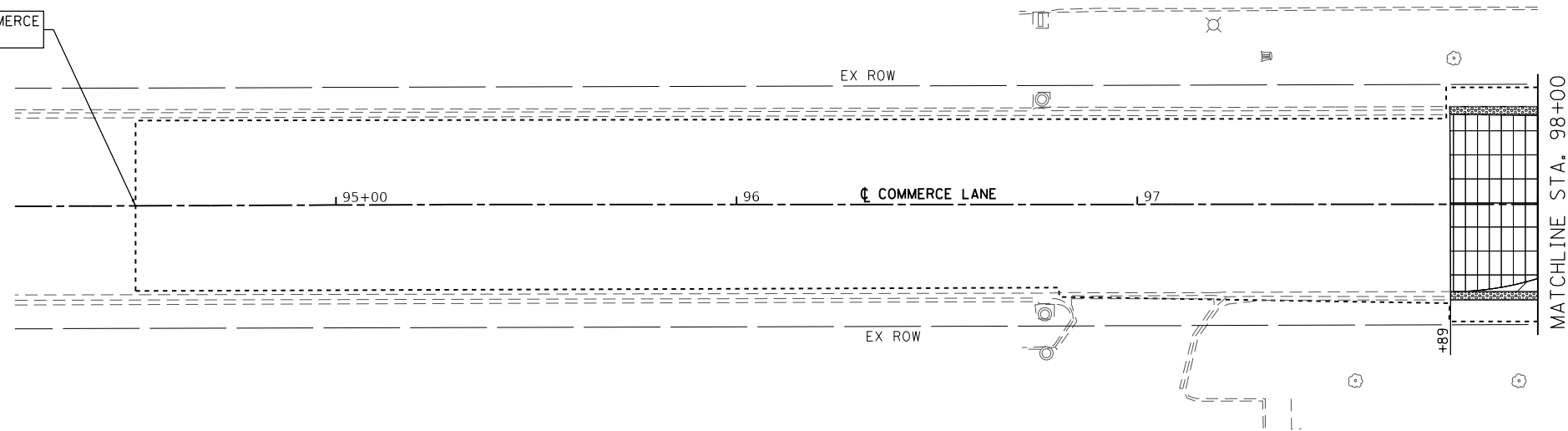
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL SHEETS**

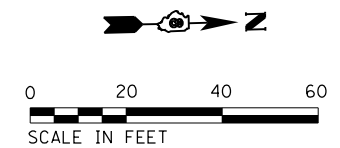
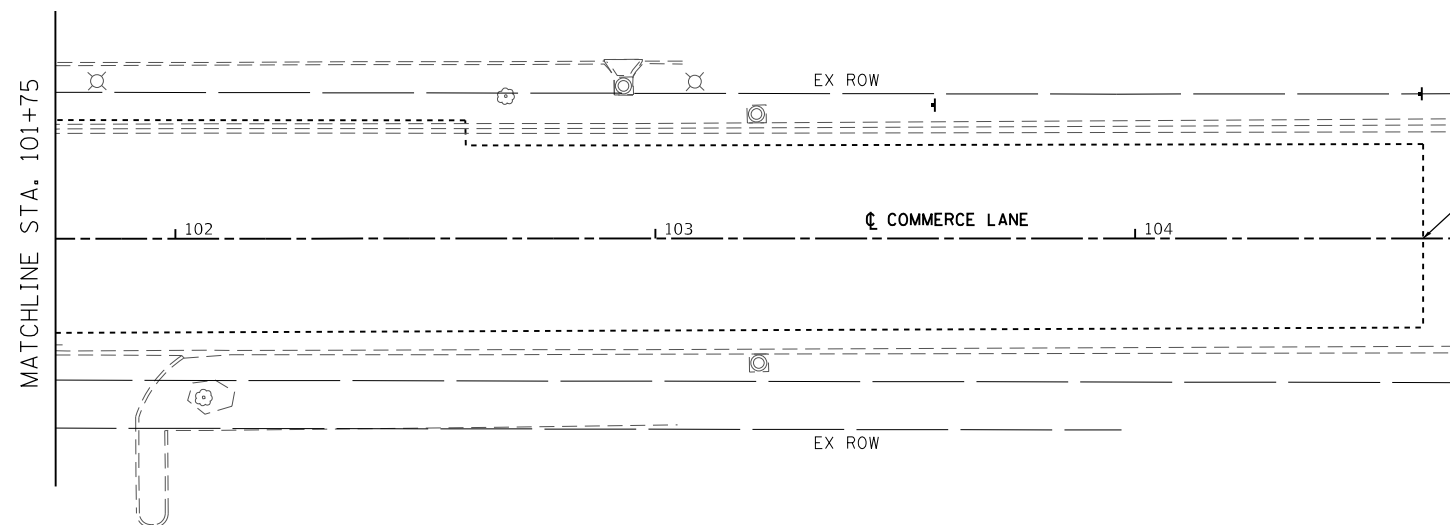
SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST. CLAIR	40	20
MARKET PLACE ROUNDABOUT			CONTRACT NO. 97742	
ILLINOIS FED. AID PROJECT				

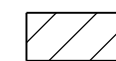

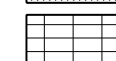
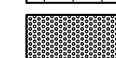
BEGIN PROJECT COMMERCE  
LANE STA. 94+50



END PROJECT COMMERCE  
LANE STA. 104+60



**LEGEND**

-  PAVEMENT REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  HMA SURFACE REMOVAL, 2"
-  CURB & GUTTER REMOVAL

MODEL: Sheet 2  
FILE NAME: I:\R15189\Microstation\CAD\_Sheets\0815189-St-Removal.dgn



USER NAME = b.heil	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 40.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 3/14/2021	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

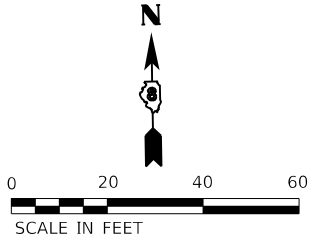
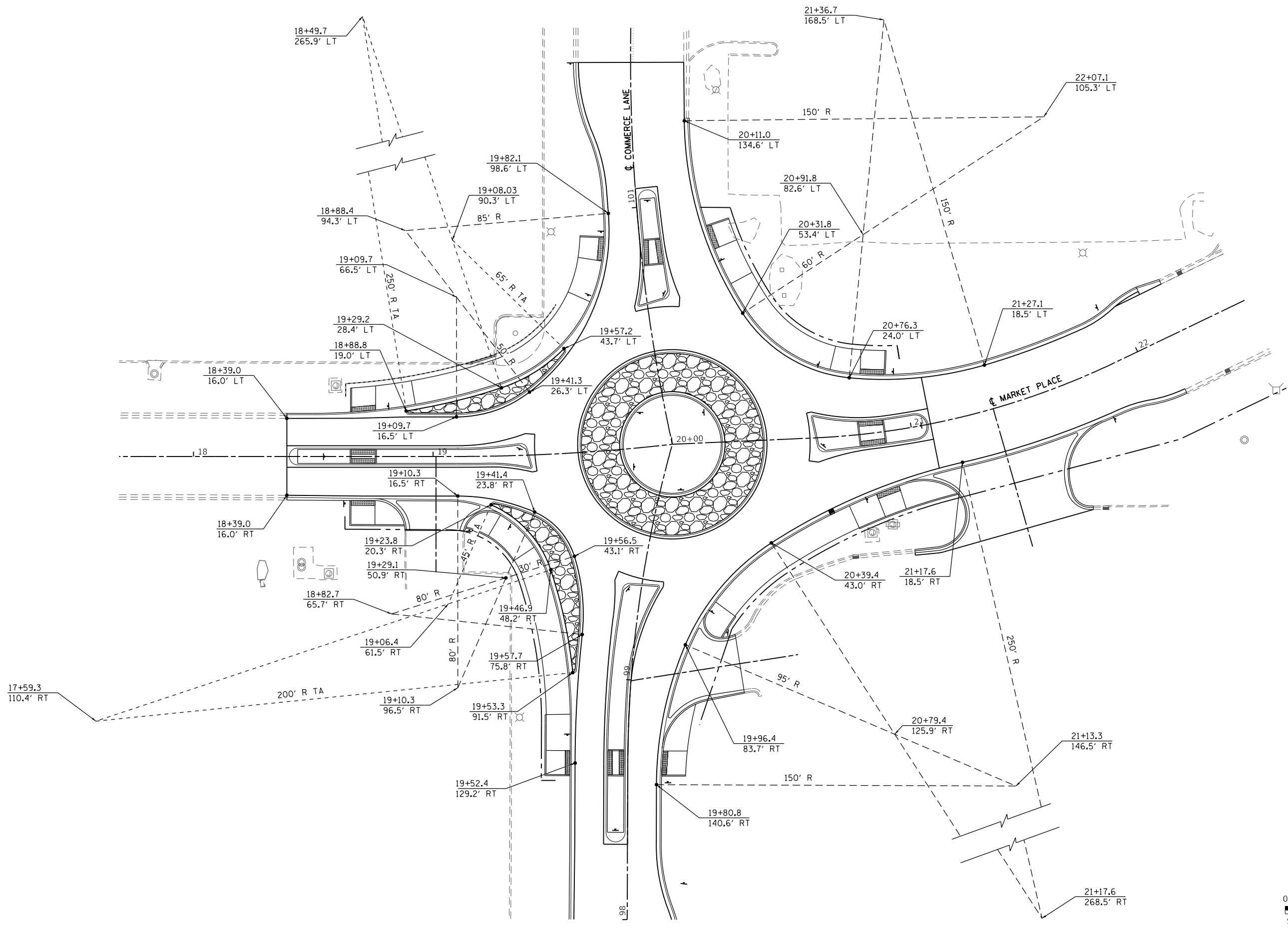
**REMOVAL SHEETS**

SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST. CLAIR	40	21
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS FED. AID PROJECT				

**DETAIL LEGEND**

- ME MATCH EXISTING
- TA TRUCK APRON
- R RADIUS



MODEL: Sheet 1  
 FILE NAME: \\P:\151899\Microstation\CAO\_Sheets\08151899-Start: Detail.dgn



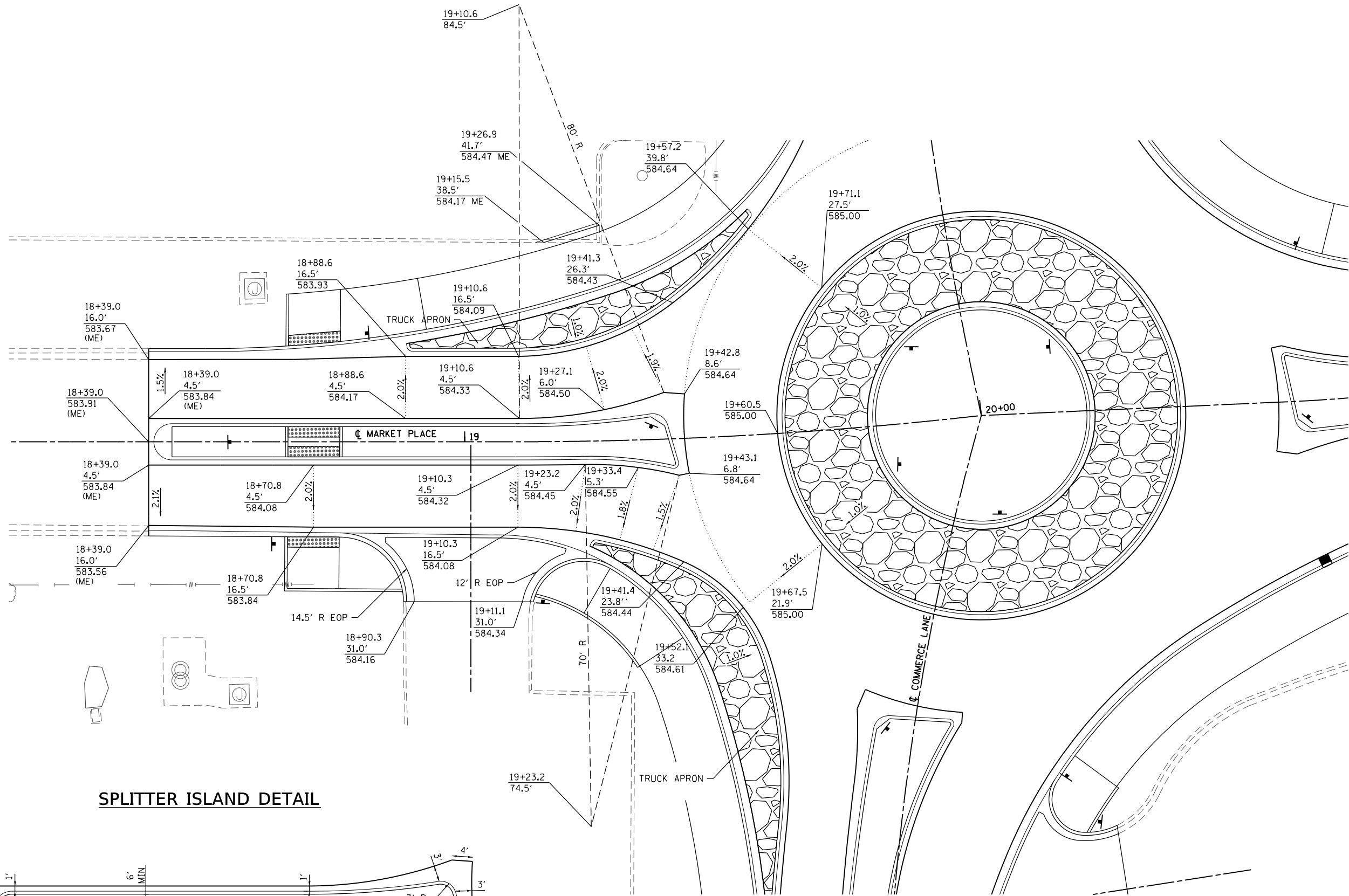
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PLOT DATE = 3/14/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

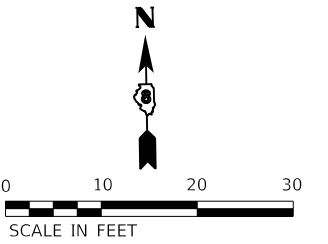
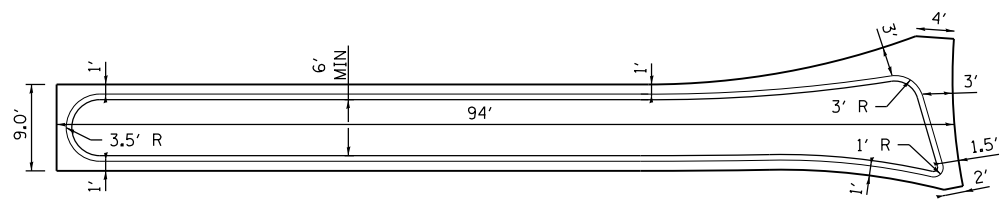
**ROUNDABOUT DETAILS**

SCALE: 1" = 20' SHEET 1 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-000-42-01-PV	ST. CLAIR	40	22
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS FED. AID PROJECT				



**SPLITTER ISLAND DETAIL**



MODEL: Sheet 2 - West 1.e9  
 FILE NAME: I:\15189\MicroStation\CAD\_Sheets\0815189-Shop\Detail.dgn



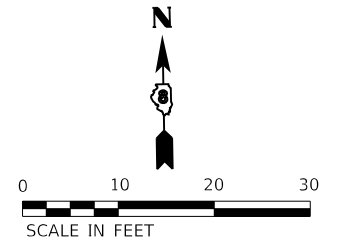
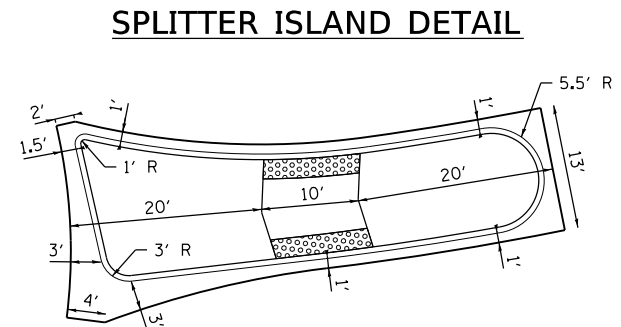
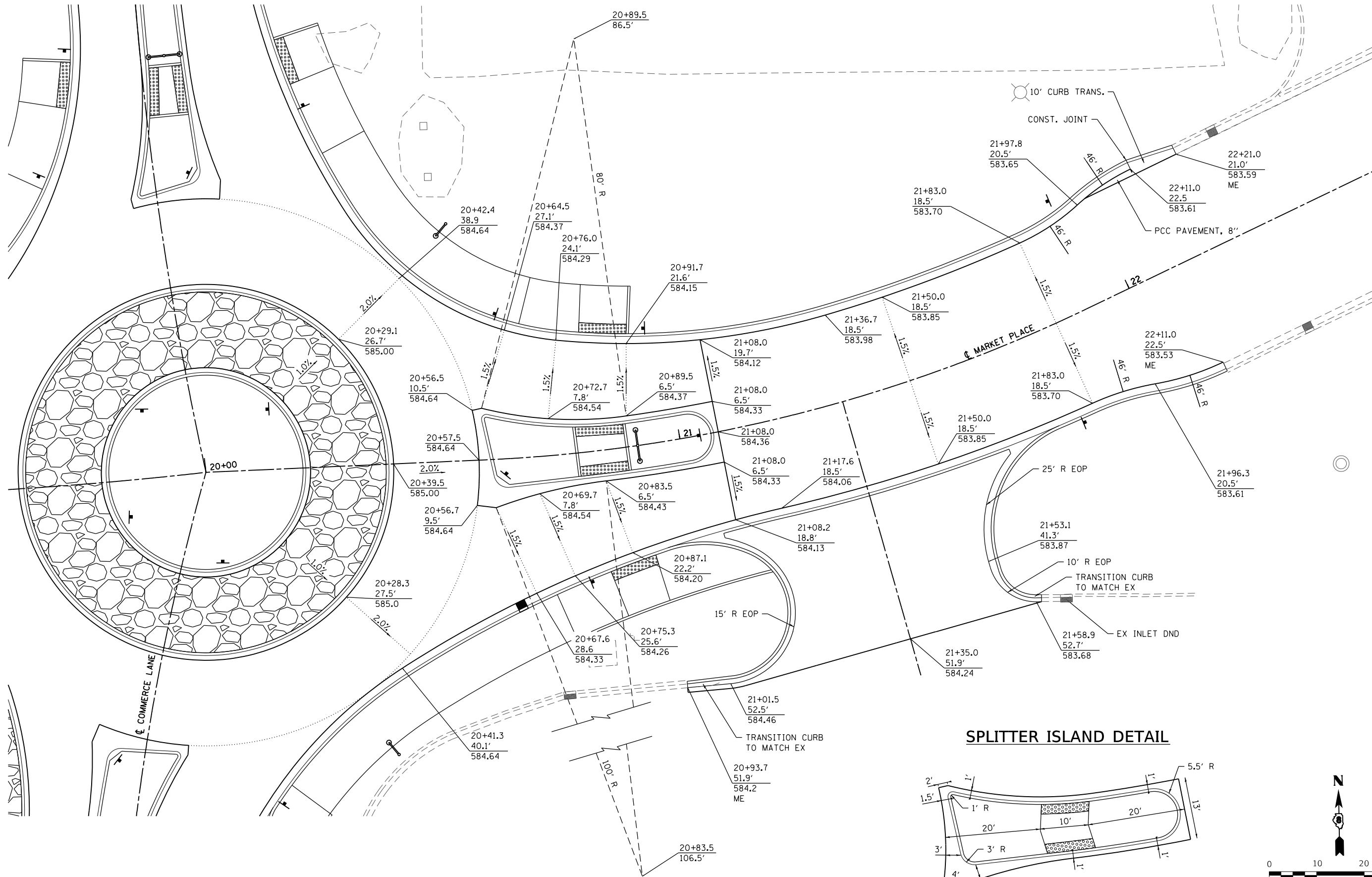
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PLOT SCALE = 20.0000 "/>		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROUNDABOUT DETAILS**

SCALE: 1" = 10' SHEET 2 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-000-42-01-PV	ST. CLAIR	40	23
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS FED. AID PROJECT				



MODEL: Sheet\_3 - First Lay  
 FILE NAME: I:\R15189\MarketRoundabout\CAD\_Sheets\0815189-Start-Detail.dwg



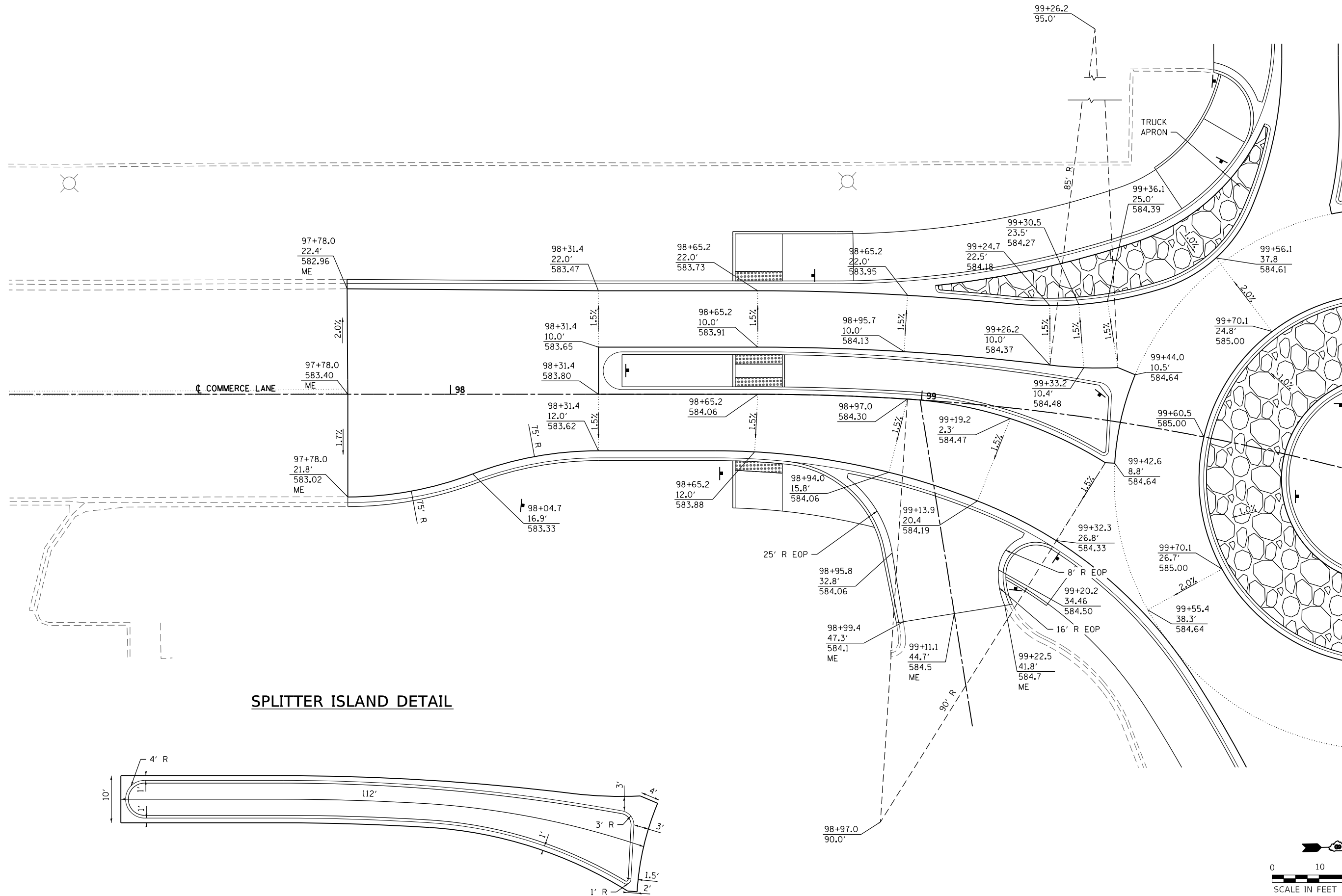
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PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

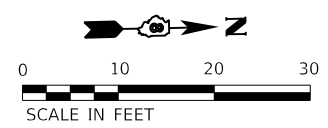
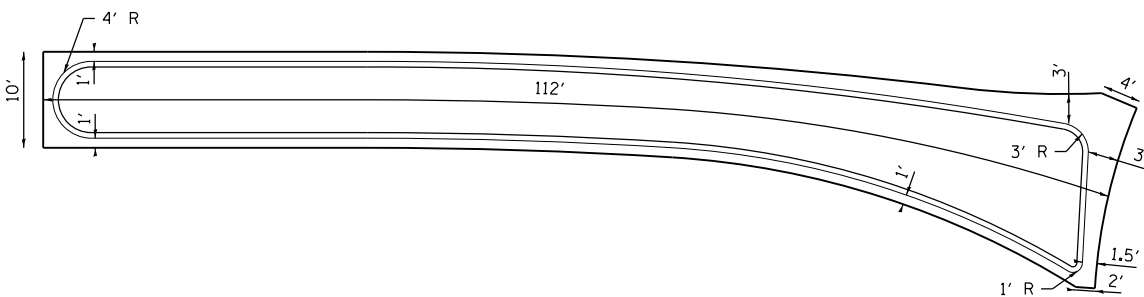
<b>ROUNDABOUT DETAILS</b>	
SCALE: 1" = 10'	SHEET 3 OF 9 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-000-42-01-PV	ST. CLAIR	40	24
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS FED. AID PROJECT				





**SPLITTER ISLAND DETAIL**



MODEL: Sheet\_4\_5x11.dwg  
 FILE: \\nautilus\planning\151000\MarketPlace\CAD\_Sheets\0815100-Shop\Detail.dwg



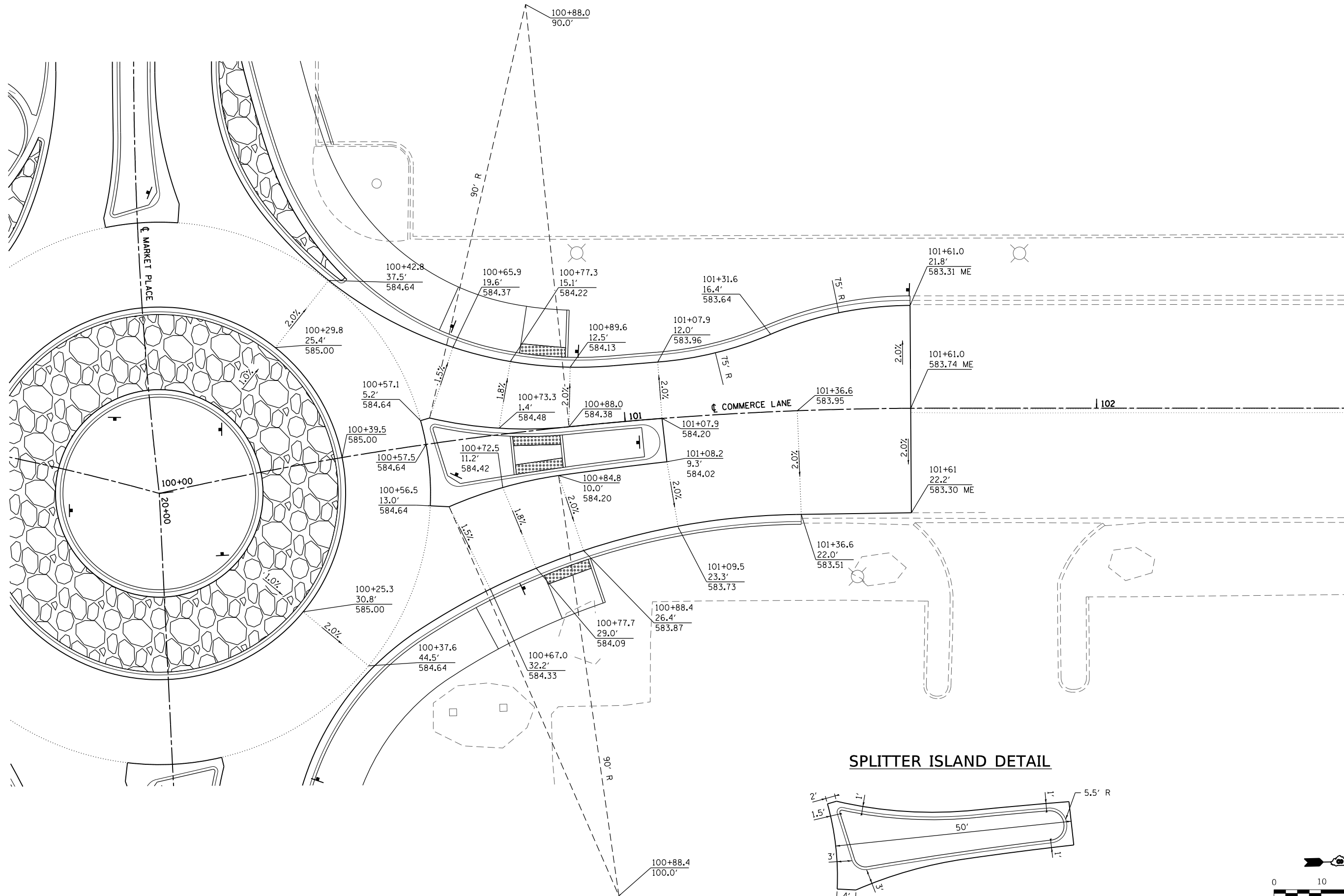
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PLOT SCALE = 20.0000 "/td> <td>DRAWN -</td> <td>REVISED -</td>	DRAWN -	REVISED -
DATE = 3/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

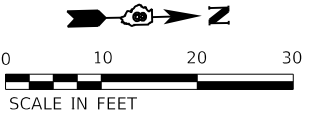
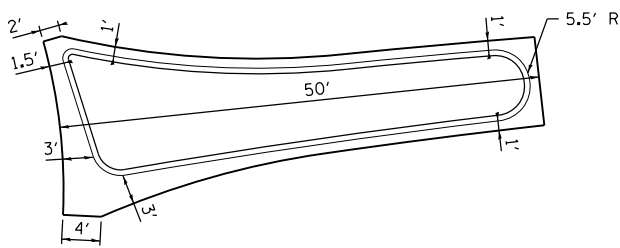
**ROUNDABOUT DETAILS**

SCALE: 1" = 10' SHEET 4 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-000-42-01-PV	ST. CLAIR	40	25
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS FED. AID PROJECT				



**SPLITTER ISLAND DETAIL**



MODEL: Sheet 5 - North 1/8"  
 FILE NAME: I:\R15189\MarketPlace\CAD\_Sheets\0815189-Start-Details.dwg  
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

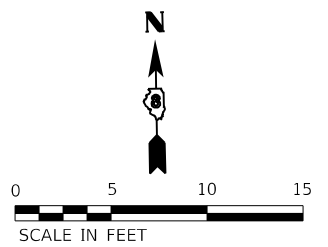
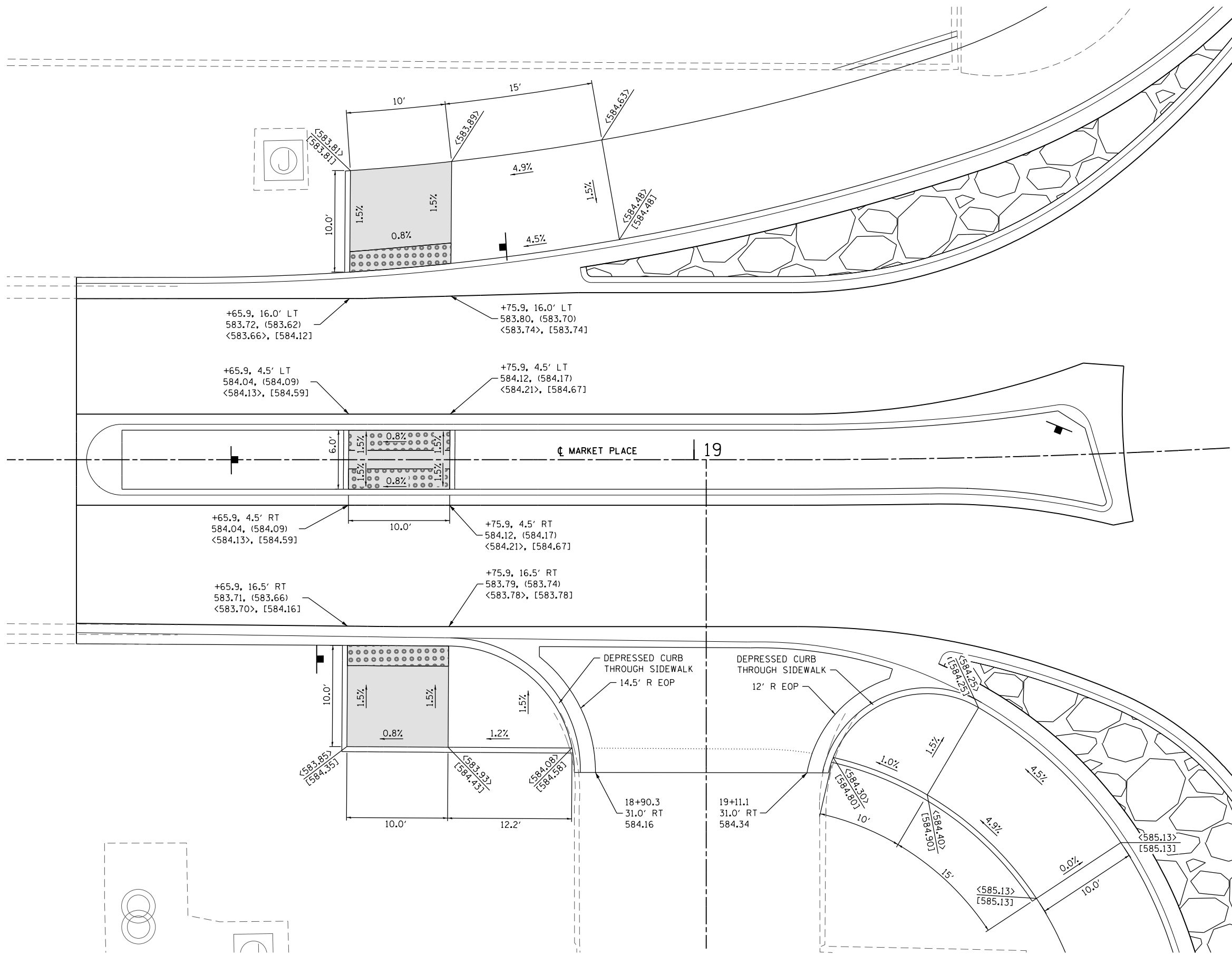


USER NAME = b.heil	DESIGNED -	REVISED -
PLOT SCALE = 20.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ROUNDABOUT DETAILS</b>	
SCALE: 1" = 10'	SHEET 5 OF 9 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-000-42-01-PV	ST. CLAIR	40	26
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS FED. AID PROJECT				



**DETAIL LEGEND**

- XXX.XX PAVEMENT
- (XXX.XX) FLOWLINE OF GUTTER
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- FLAT LANDING AREA (2% MAX ALL DIRECTIONS)

MODEL: Street & Market Ramps West  
 FILE NAME: H:\13872\13872\13872\CADD\_Sheets\081519-Sht-Int\_Detail.dgn



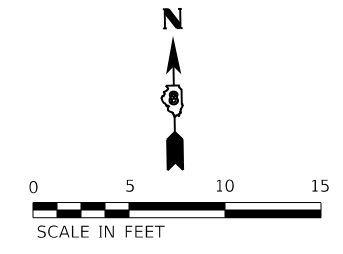
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PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
DATE = 3/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROUNDABOUT DETAILS  
SIDEWALK RAMPS**

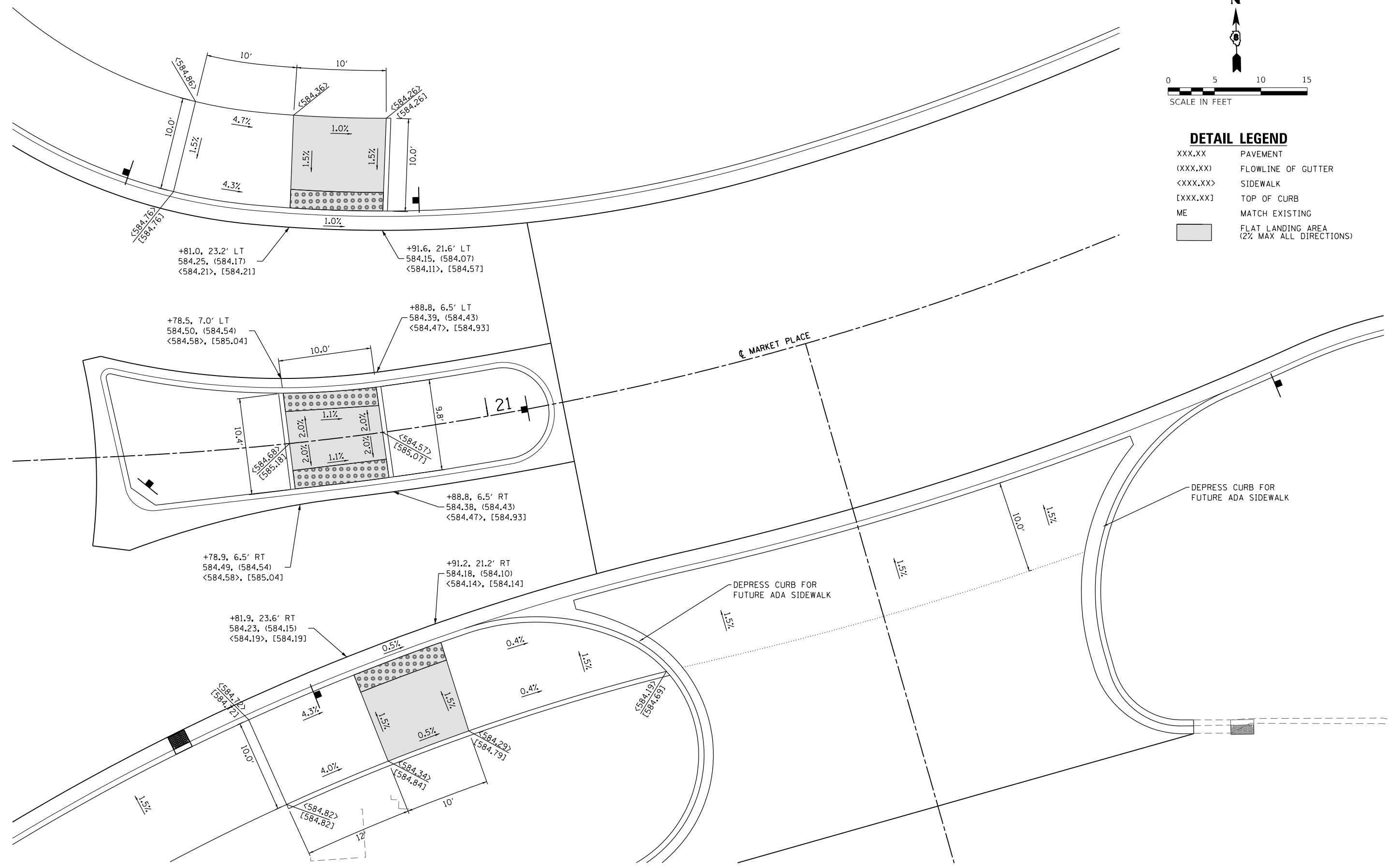
SCALE: 1" = 5' SHEET 6 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-000-42-01-PV	ST. CLAIR	40	27
MARKET PLACE ROUNDABOUT			CONTRACT NO. 97742	
ILLINOIS FED. AID PROJECT				



**DETAIL LEGEND**

- XXX.XX PAVEMENT
- (XXX.XX) FLOWLINE OF GUTTER
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- ▭ FLAT LANDING AREA (2% MAX ALL DIRECTIONS)



MODEL: Sheet 7 - Market Ramps East  
 FILE NAME: I:\R15139\MarketRamp\ROAD\_Sheets\0815139-Shop-Detail.dwg

**OATES ASSOCIATES**  
 www.oatesassociates.com  
 ILLINOIS DESIGN FIRM LICENSE NO. 184.001115

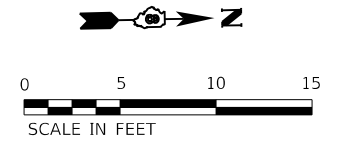
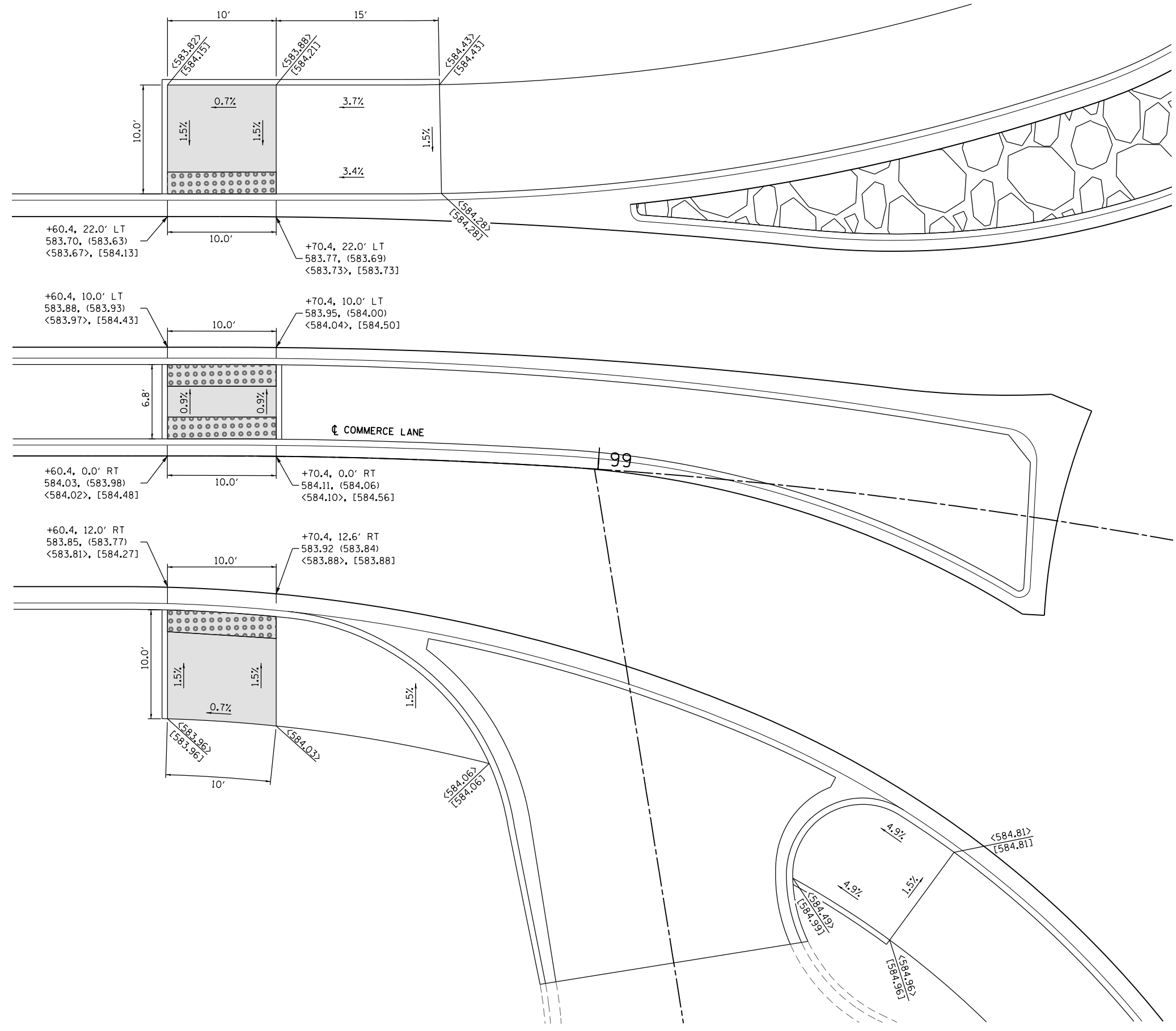
USER NAME = b.heil	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/14/2021	DATE -	REVISED -	

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**ROUNDBOUT DETAILS**  
**SIDEWALK RAMPS**

SCALE: 1" = 5'    SHEET 7 OF 9 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-000-42-01-PV	ST. CLAIR	40	28
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS FED. AID PROJECT				



**DETAIL LEGEND**

XXX.XX	PAVEMENT
(XXX.XX)	FLOWLINE OF GUTTER
<XXX.XX>	SIDEWALK
[XXX.XX]	TOP OF CURB
ME	MATCH EXISTING
	FLAT LANDING AREA (2% MAX ALL DIRECTIONS)

MODEL SHEET: 8 - South Commerce Roundabout  
 FILE NAME: I:\R15200\MarketPlaceRoundabout\CAD Sheets\0815189-Start-Detail.dwg

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 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

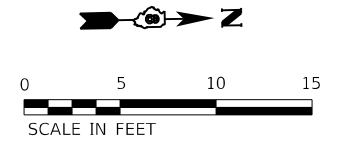
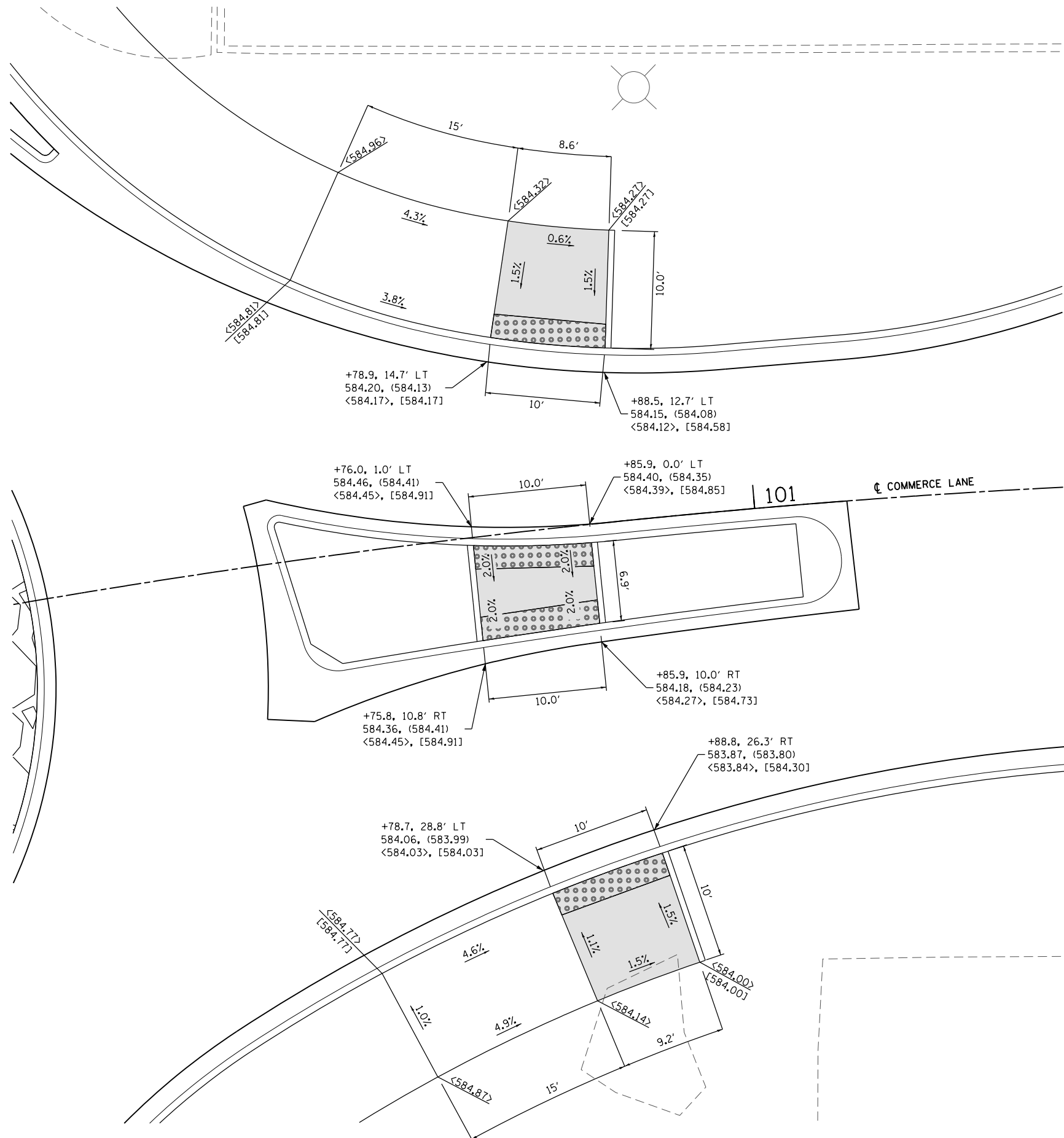
USER NAME = b.heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2021	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**ROUNDABOUT DETAILS**  
**SIDEWALK RAMPS**

SCALE: 1" = 5'    SHEET 8 OF 9 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-000-42-01-PV	ST. CLAIR	40	29
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS FED. AID PROJECT				



**DETAIL LEGEND**

XXX.XX	PAVEMENT
(XXX.XX)	FLOWLINE OF GUTTER
<XXX.XX>	SIDEWALK
[XXX.XX]	TOP OF CURB
ME	MATCH EXISTING
	FLAT LANDING AREA (2% MAX ALL DIRECTIONS)

MODEL: Street & North Commerce Roundabout  
 FILE NAME: I:\R15189\MarketPlace\Road\_Sheets\0815189-Street\_Details.dwg

**OATES ASSOCIATES**  
 www.oatesassociates.com  
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

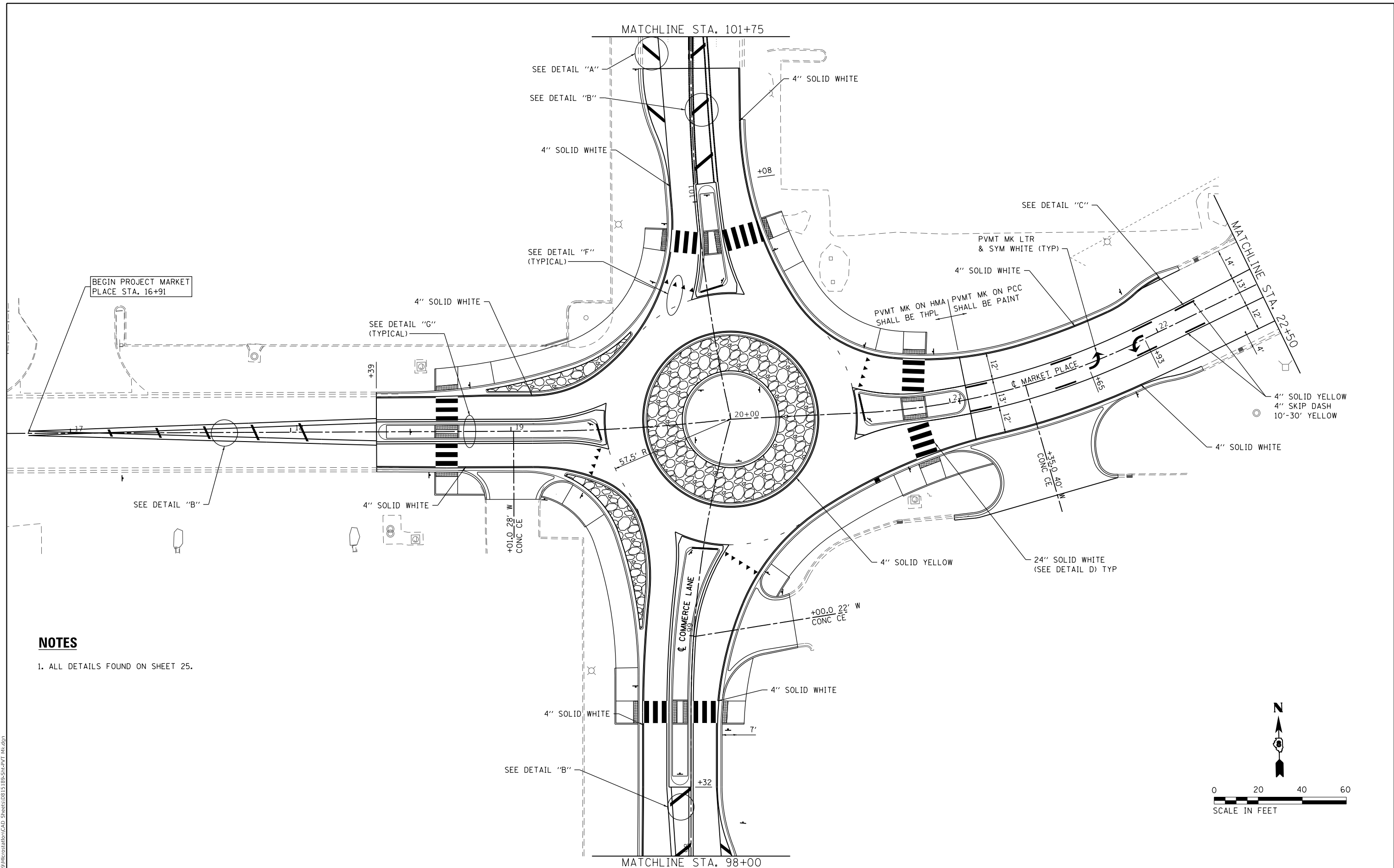
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PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
DATE = 3/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**ROUNDABOUT DETAILS**  
**SIDEWALK RAMPS**

SCALE: 1" = 5'    SHEET 9 OF 9 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-000-42-01-PV	ST. CLAIR	40	30
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS FED. AID PROJECT				



**NOTES**

1. ALL DETAILS FOUND ON SHEET 25.

MODEL: Sheet 1  
FILE NAME: I:\R15189\Microstation\CAD - Sheets\0815189-Str-PVT\_Mk.dgn



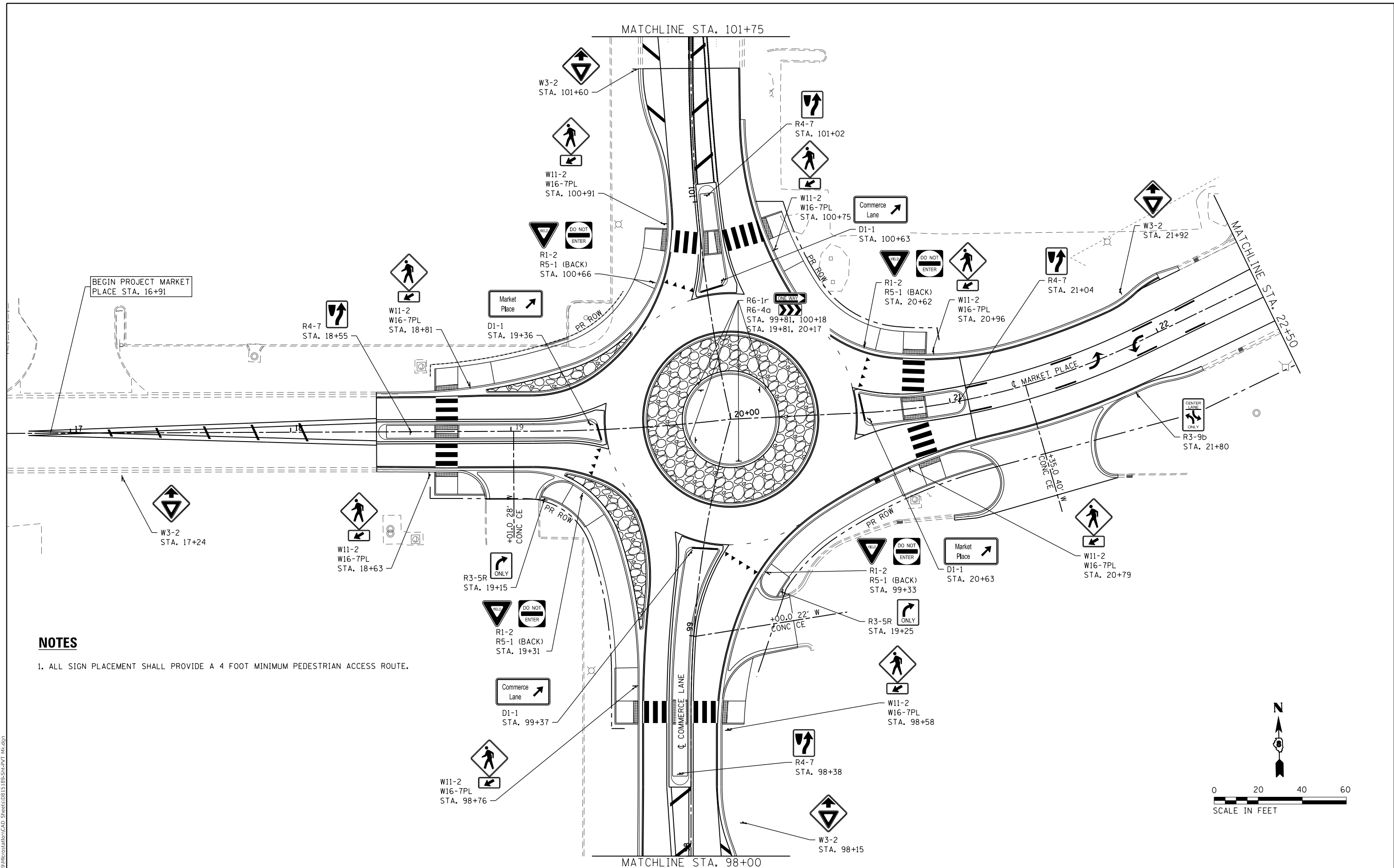
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PLOT DATE = 3/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING SHEETS**

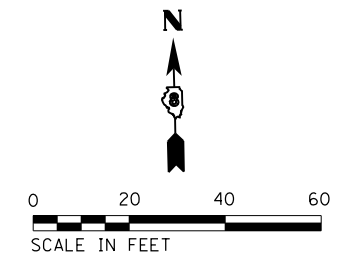
SCALE: 1" = 20' SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST. CLAIR	40	31
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS FED. AID PROJECT				



**NOTES**

1. ALL SIGN PLACEMENT SHALL PROVIDE A 4 FOOT MINIMUM PEDESTRIAN ACCESS ROUTE.



MODEL: Sheet 2  
FILE NAME: \\P:\15189\MicroStation\CAD - Sheets\0815189-St-PTV\_Mk.dgn



USER NAME = b.heil	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

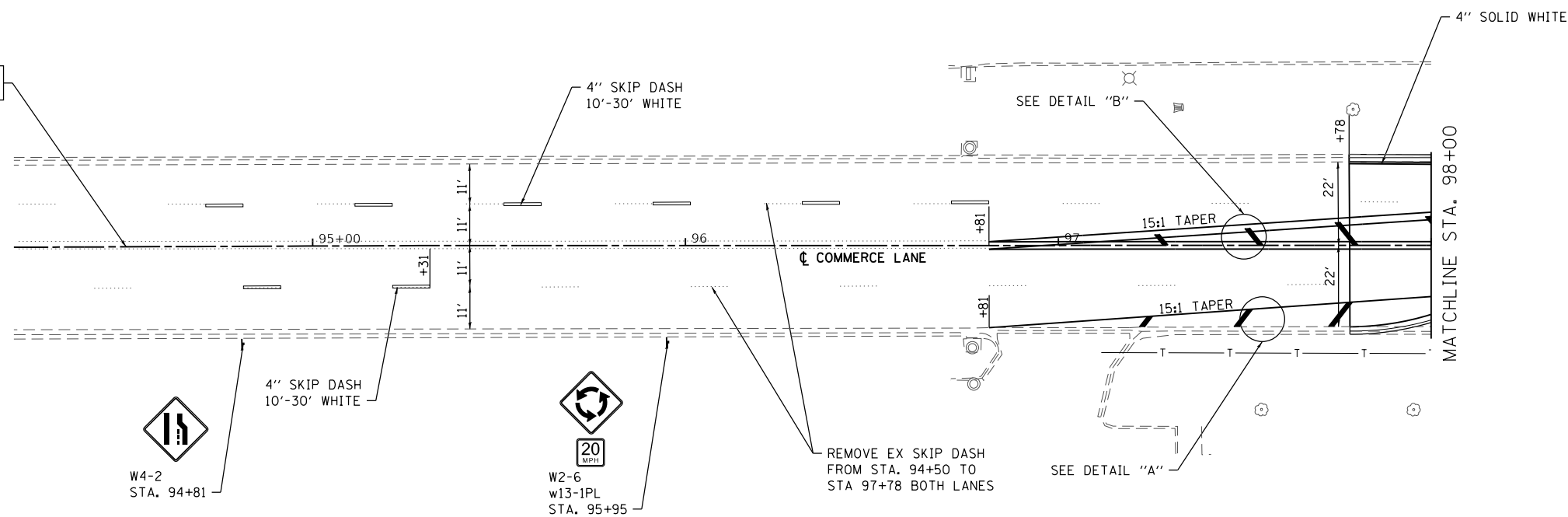
**PAVEMENT MARKING & SIGNING SHEETS**

SCALE: 1" = 20' SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST. CLAIR	40	32
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS FED. AID PROJECT				



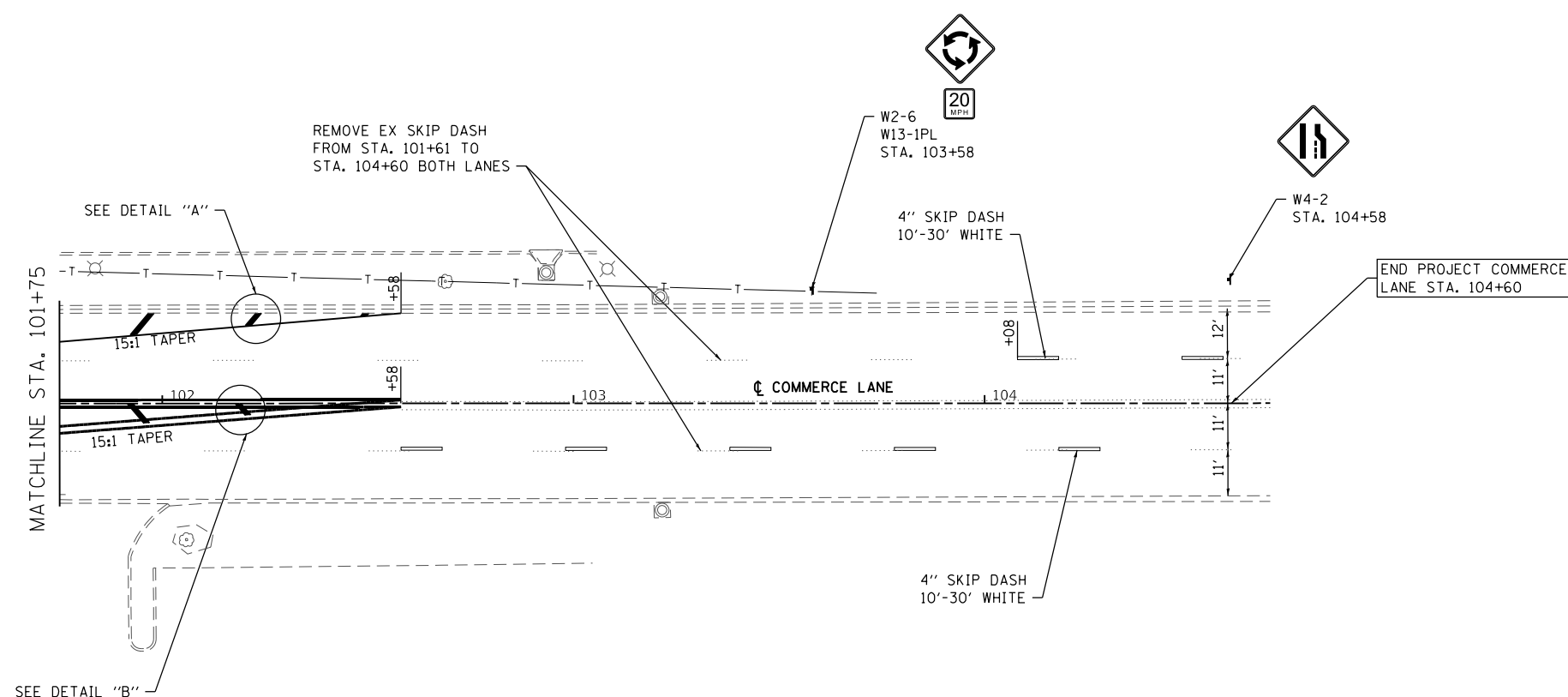
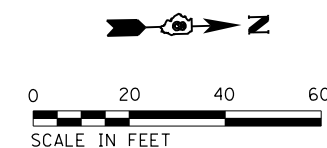
BEGIN PROJECT COMMERCE LANE STA. 94+50



W4-2  
STA. 94+81

W2-6  
W13-1PL  
STA. 95+95

REMOVE EX SKIP DASH FROM STA. 94+50 TO STA 97+78 BOTH LANES



SEE DETAIL "A"

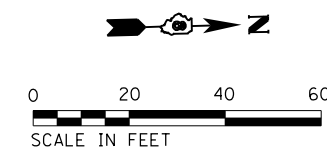
REMOVE EX SKIP DASH FROM STA. 101+61 TO STA. 104+60 BOTH LANES

W2-6  
W13-1PL  
STA. 103+58

W4-2  
STA. 104+58

END PROJECT COMMERCE LANE STA. 104+60

4" SKIP DASH 10'-30' WHITE



MODEL: Sheet 3  
FILE NAME: I:\R15189\MarketPlace\CAD - Sheets\0815189-Str-PT - M.dgn



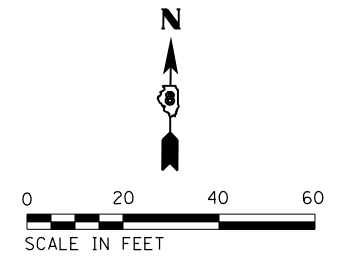
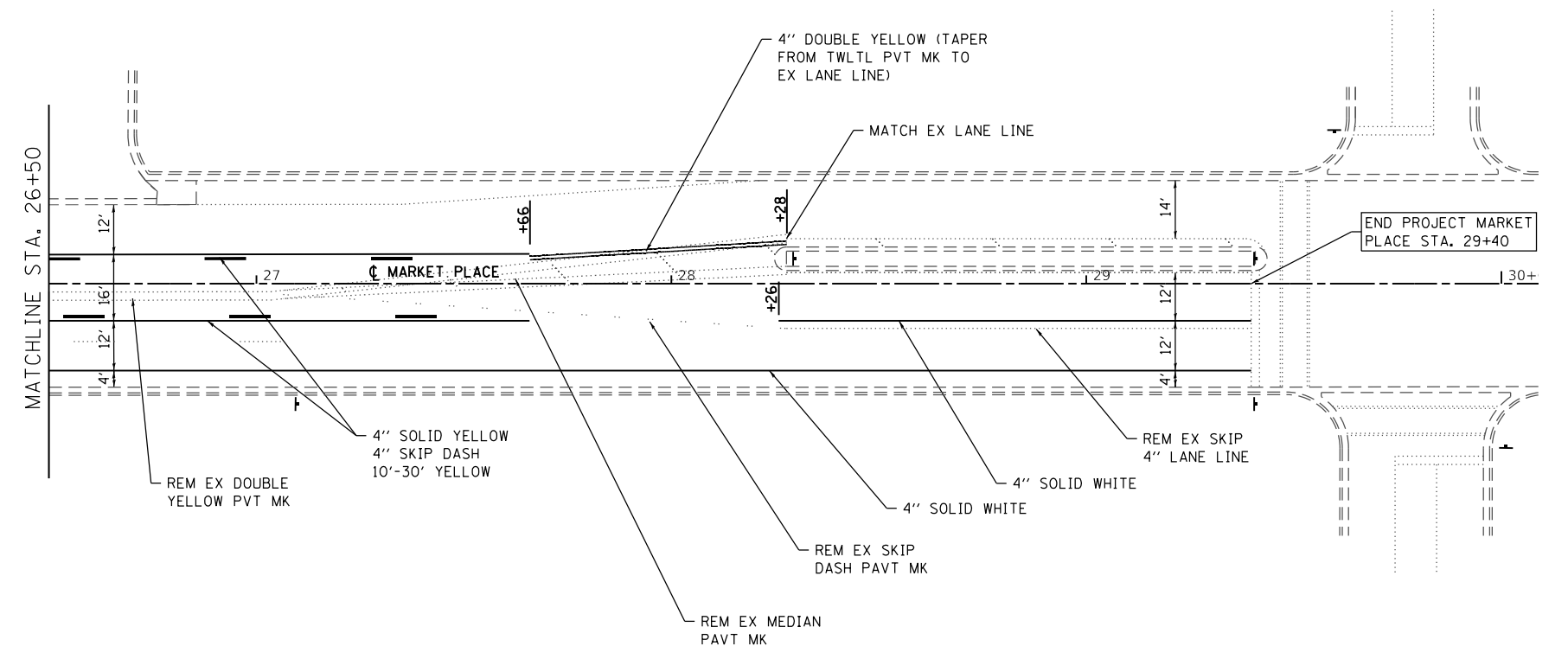
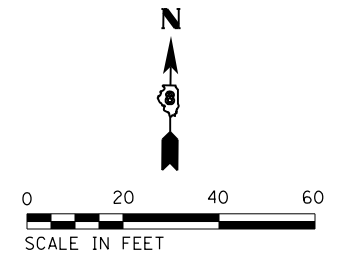
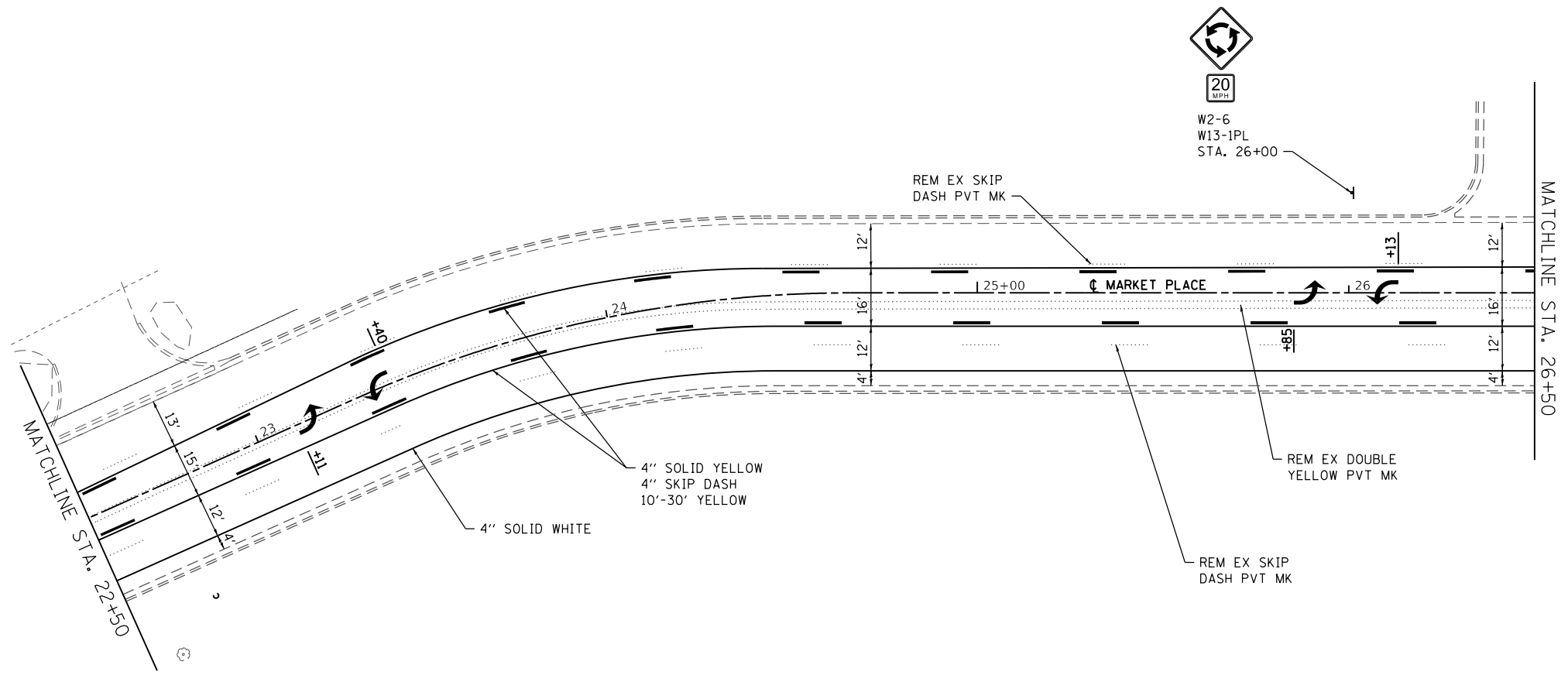
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PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING SHEETS

SCALE: 1" = 20' SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST. CLAIR	40	33
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS FED. AID PROJECT				



MODEL SHEET 4  
FILE NAME: I:\R151899\MarketPlace\CAO - Sheets\08151899-Sht-PVT\_Mk.dgn



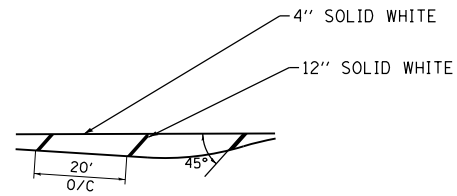
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PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

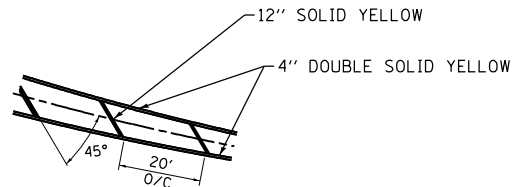
**PAVEMENT MARKING & SIGNING SHEETS**

SCALE: 1" = 20'    SHEET 4 OF 5 SHEETS    STA.    TO STA.

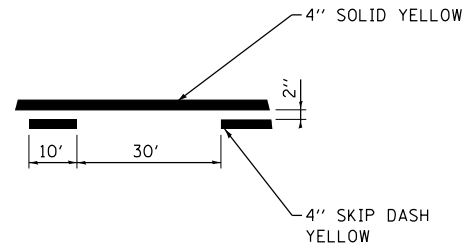
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9326	16-00042-01-PV	ST. CLAIR	40	34
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS FED. AID PROJECT				



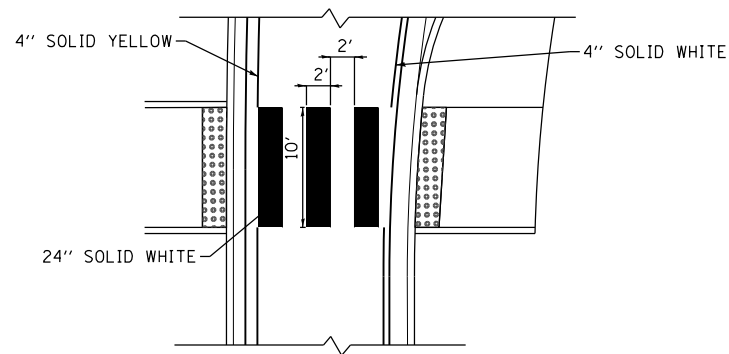
**DETAIL "A"**  
(NOT TO SCALE)



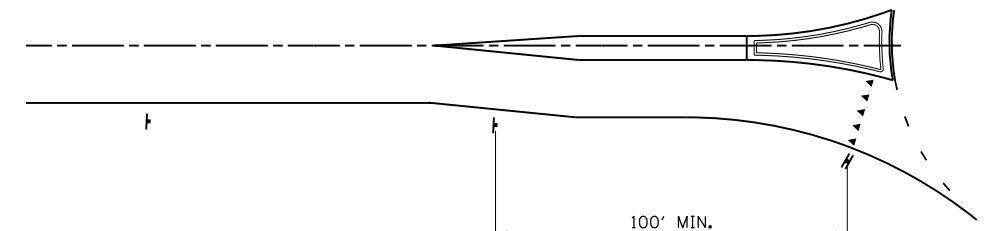
**DETAIL "B"**  
(NOT TO SCALE)



**DETAIL "C"**  
(NOT TO SCALE)



**DETAIL "D"**  
(NOT TO SCALE)

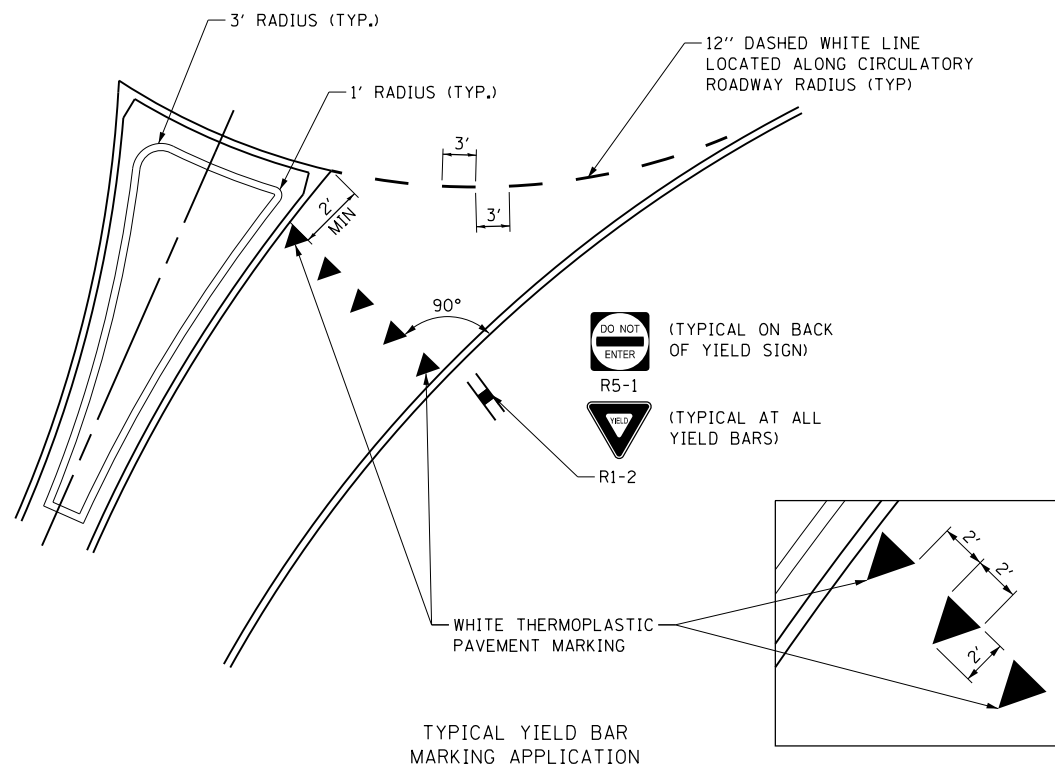


TYPICAL APPROACH SIGNING

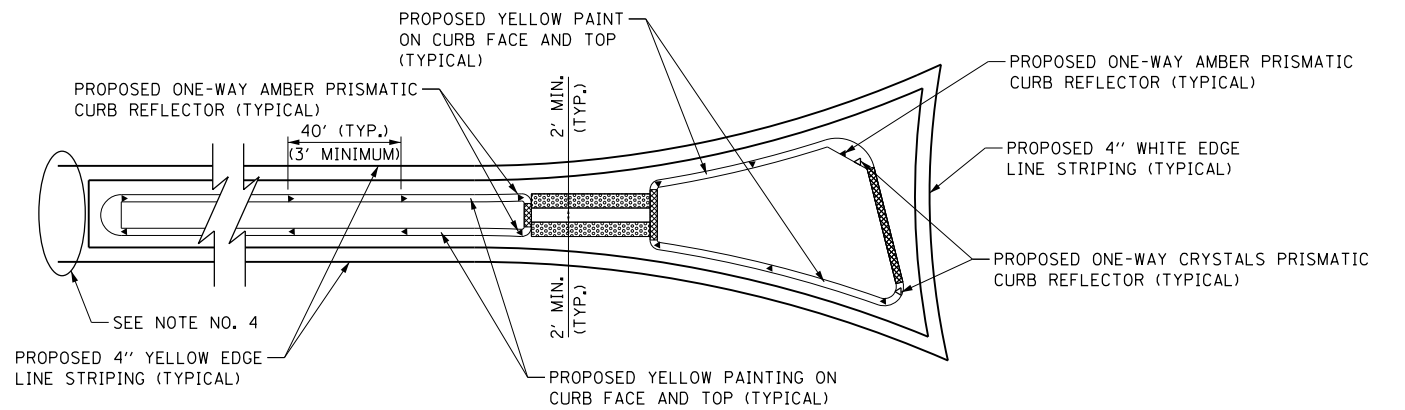
NOTES:

- 100' MINIMUM FROM YIELD AHEAD SIGN (W3-2A) OR END OF SPLITTER ISLAND, WHICHEVER IS GREATER DISTANCE FROM THE INTERSECTION.

**DETAIL "E"**  
(NOT TO SCALE)



**DETAIL "F"**  
(NOT TO SCALE)



TYPICAL PRISMATIC REFLECTORS, STRIPING AND CURB PAINTING AROUND SPLITTER ISLANDS

NOTES:

- PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
- PRISMATIC REFLECTORS SHALL BE CRYSTAL OR AMBER IN COLOR.
  - ▶ ONE-WAY CRYSTAL PRISMATIC CURB REFLECTOR
  - ▶ ONE-WAY AMBER PRISMATIC CURB REFLECTOR
- CURB FACE AND TOP SHALL BE PAINTED AS PER THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". SPLITTER ISLANDS AND MEDIAN SURFACES CAN BE UNPAINTED OR IF PAINTED, SHALL NOT BE SIMILAR COLOR TO THE TRUCK APRONS.
  - WHITE PAINTING ON CURB FACE AND TOP
- SEE PAVEMENT MARKING PLANS FOR PAVEMENT MARKINGS IN THE VICINITY OF THE SPLITTER ISLANDS.

**DETAIL "G"**  
(NOT TO SCALE)

MODEL: Sheet 5  
FILE NAME: I:\R15189\Microstation\CAO - Sheets\0815189-5ht-PTV\_Mk.dgn



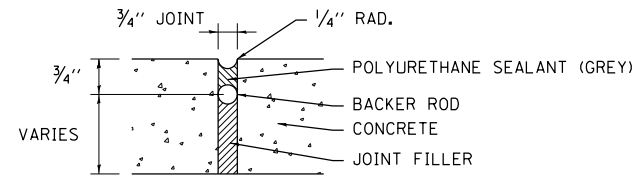
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PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

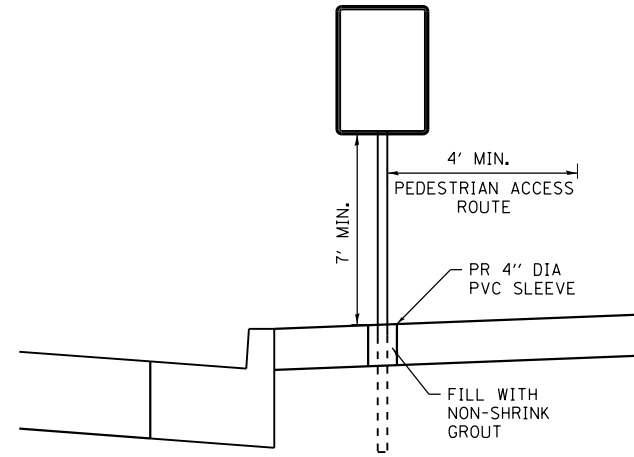
PAVEMENT MARKING & SIGNING SHEETS

SCALE: 1" = 20' SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST. CLAIR	40	35
MARKET PLACE ROUNDABOUT		CONTRACT NO. 97742		
ILLINOIS FED. AID PROJECT				



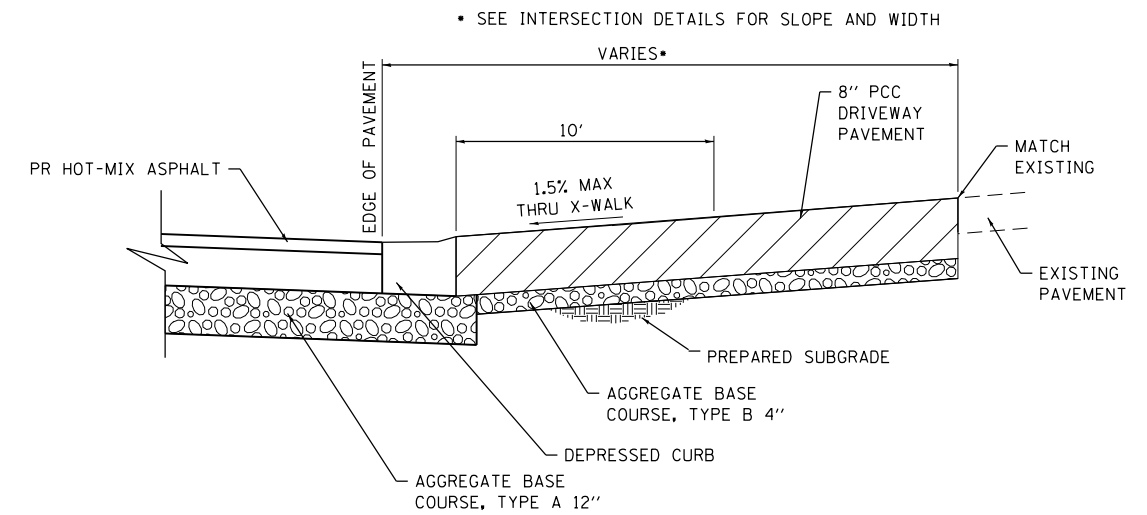
**EXPANSION JOINT DETAIL**  
(NOT TO SCALE)



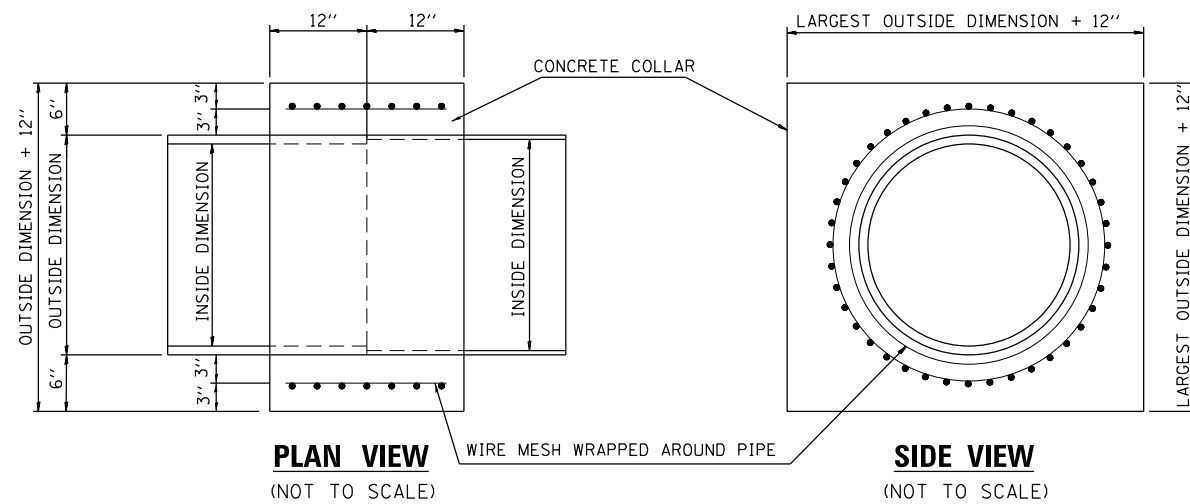
**SIGN PLACEMENT IN CONCRETE DETAIL**  
(NOT TO SCALE)

**NOTES:**

- 1. PAVEMENT BLOCKOUT REQUIRED FOR SIGN INSTALLATION IN THE MEDIAN SHALL BE CONSIDERED INCIDENTAL TO THE COST OF SIGN INSTALLATION



**SECTION A-A**  
(NOT TO SCALE)

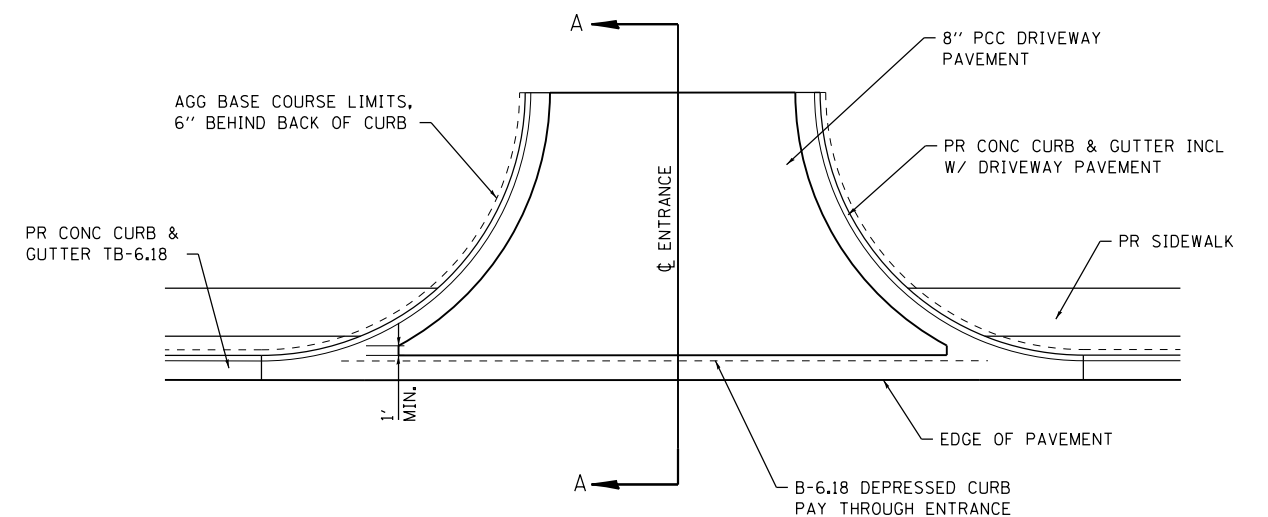


**PLAN VIEW** (NOT TO SCALE)      **SIDE VIEW** (NOT TO SCALE)

**CONCRETE COLLAR NOTES:**

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIMENSIONS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIMENSION. (SEE END VIEW)
3. CONCRETE COLLARS AND THE WORK REQUIRED WILL BE INCLUDED IN THE UNIT PRICE FOR PR STORM SEWER.

**CONCRETE COLLAR DETAIL**  
(NOT TO SCALE)



**COMMERCIAL ENTRANCE**  
(NOT TO SCALE)

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USER NAME = b.heil	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS**

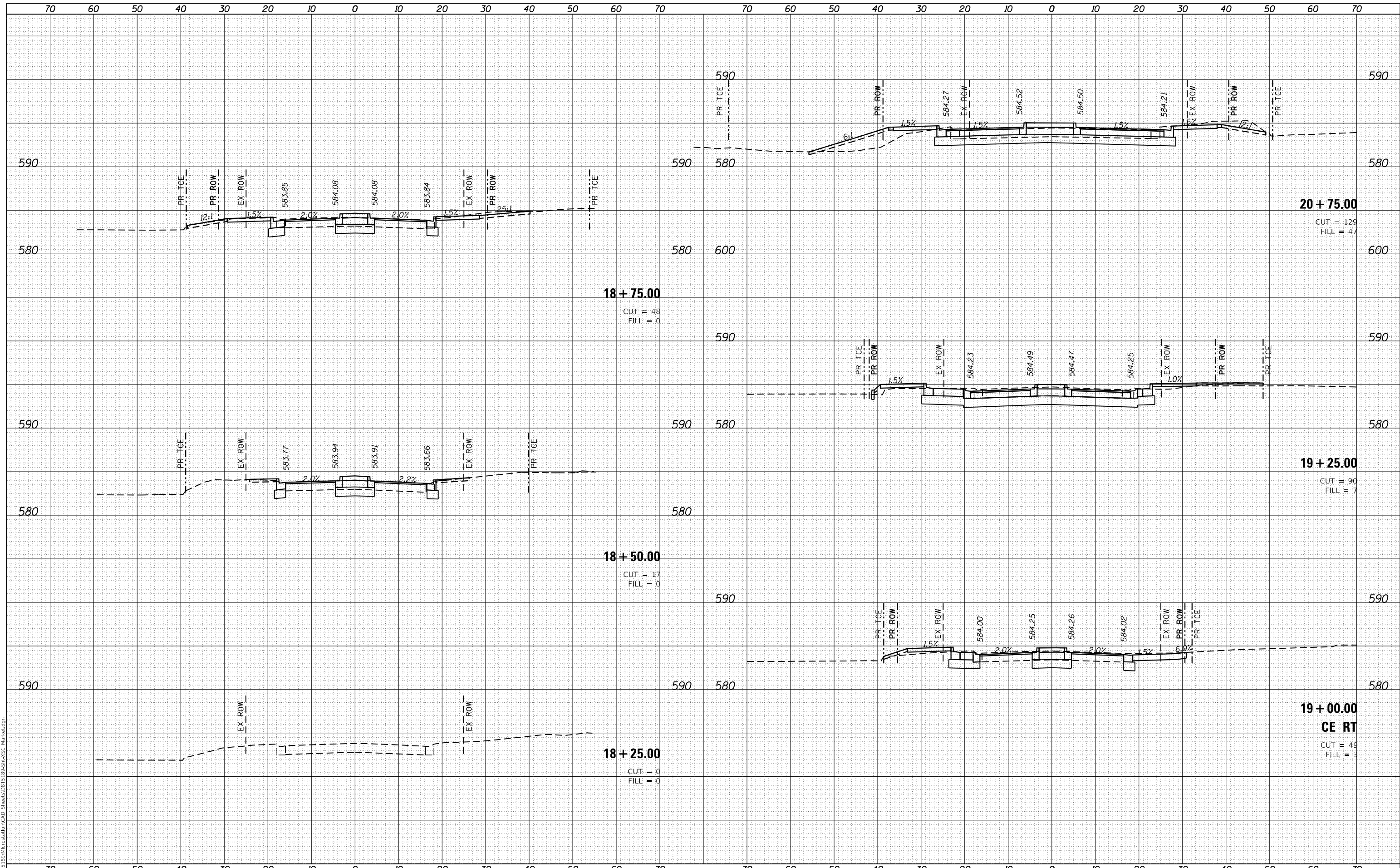
SCALE: NTS      SHEET 1 OF 1 SHEETS      STA.      TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST. CLAIR	40	36
MARKET PLACE ROUNDABOUT			CONTRACT NO. 97742	
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Definit  
 FILE NAME: H:\15\189\MicroStation\CAD Sheets\0815189-Str&X&E\_Market.dgn



**18 + 75.00**  
 CUT = 48  
 FILL = 0

**20 + 75.00**  
 CUT = 129  
 FILL = 47

**18 + 50.00**  
 CUT = 17  
 FILL = 0

**19 + 25.00**  
 CUT = 90  
 FILL = 7

**18 + 25.00**  
 CUT = 0  
 FILL = 0

**19 + 00.00**  
**CE RT**  
 CUT = 49  
 FILL = 3



USER NAME = b.heil	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**MARKET PLACE CROSS SECTION SHEETS**

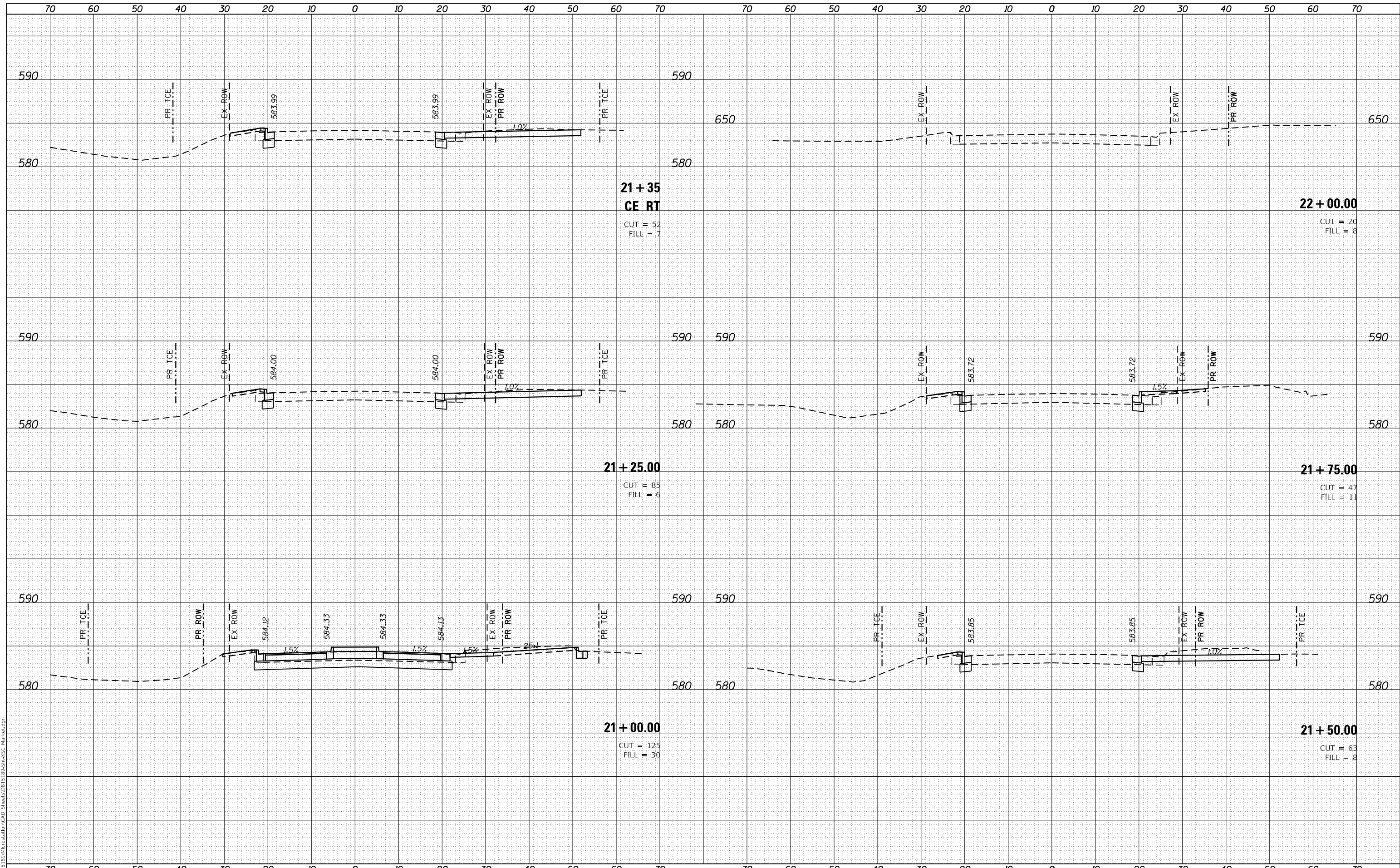
SCALE: SHEET 1 OF 2 SHEETS STA. 18+25.00 TO STA. 20+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST. CLAIR	40	37
			CONTRACT NO. 97742	
		ILLINOIS FED. AID PROJECT		

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

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

MODEL: Defaul  
 FILE NAME: H:\15189\MicroStation\CAD Sheets\0815189-Stk\XSE\_Market.dgn



**OATES ASSOCIATES**  
 ILLINOIS DESIGN FIRM LICENSE NO.: 184,001115

USER NAME = b.thell	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**MARKET PLACE CROSS SECTION SHEETS**

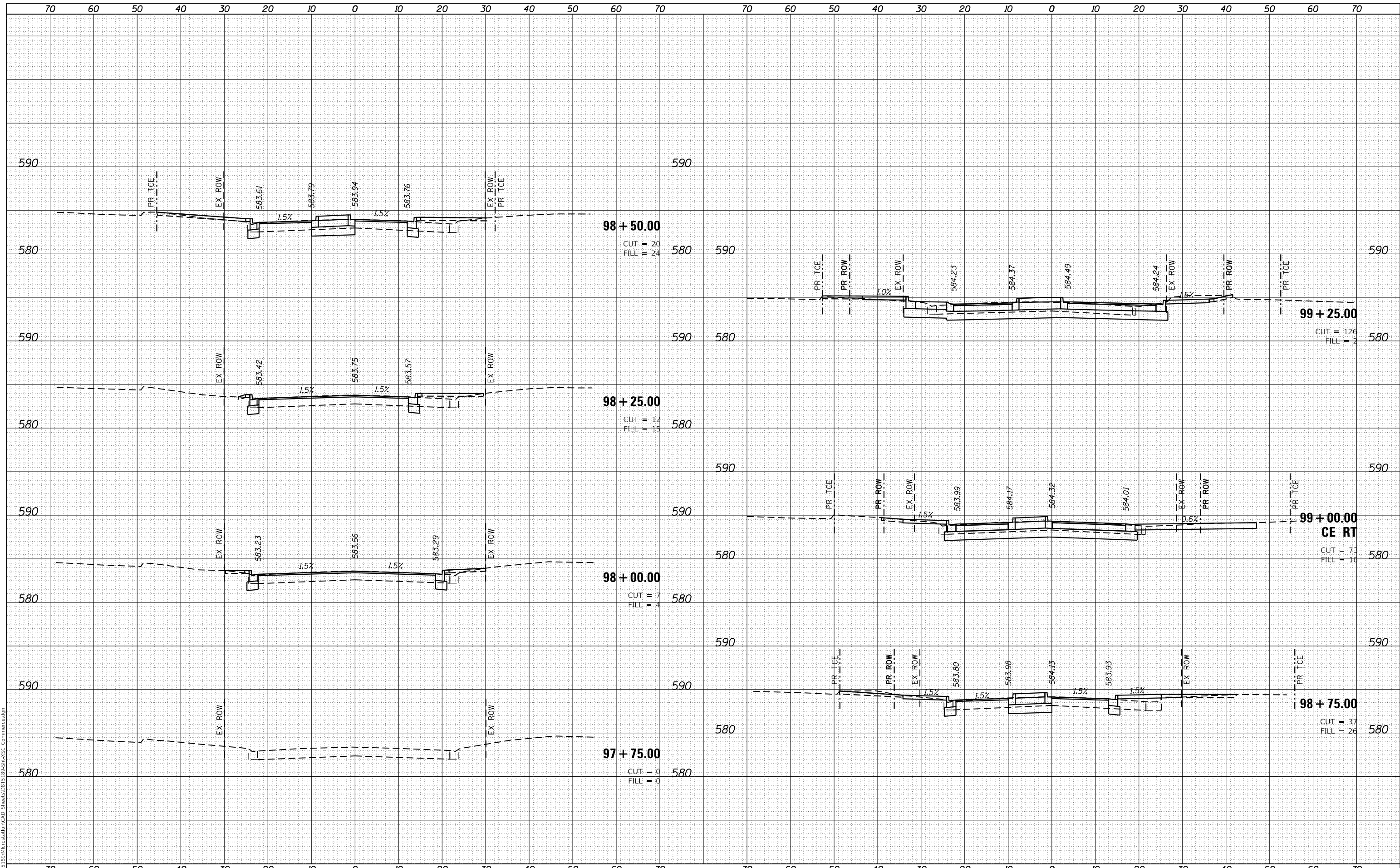
SCALE: SHEET 2 OF 2 SHEETS STA. 21+00.00 TO STA. 22+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST. CLAIR	40	38
			CONTRACT NO. 97742	
ILLINOIS FED. AID PROJECT				

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

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

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	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COMMERCE LANE CROSS SECTION SHEETS**

SCALE: SHEET 1 OF 2 SHEETS STA. 97+75.00 TO STA. 99+25.00

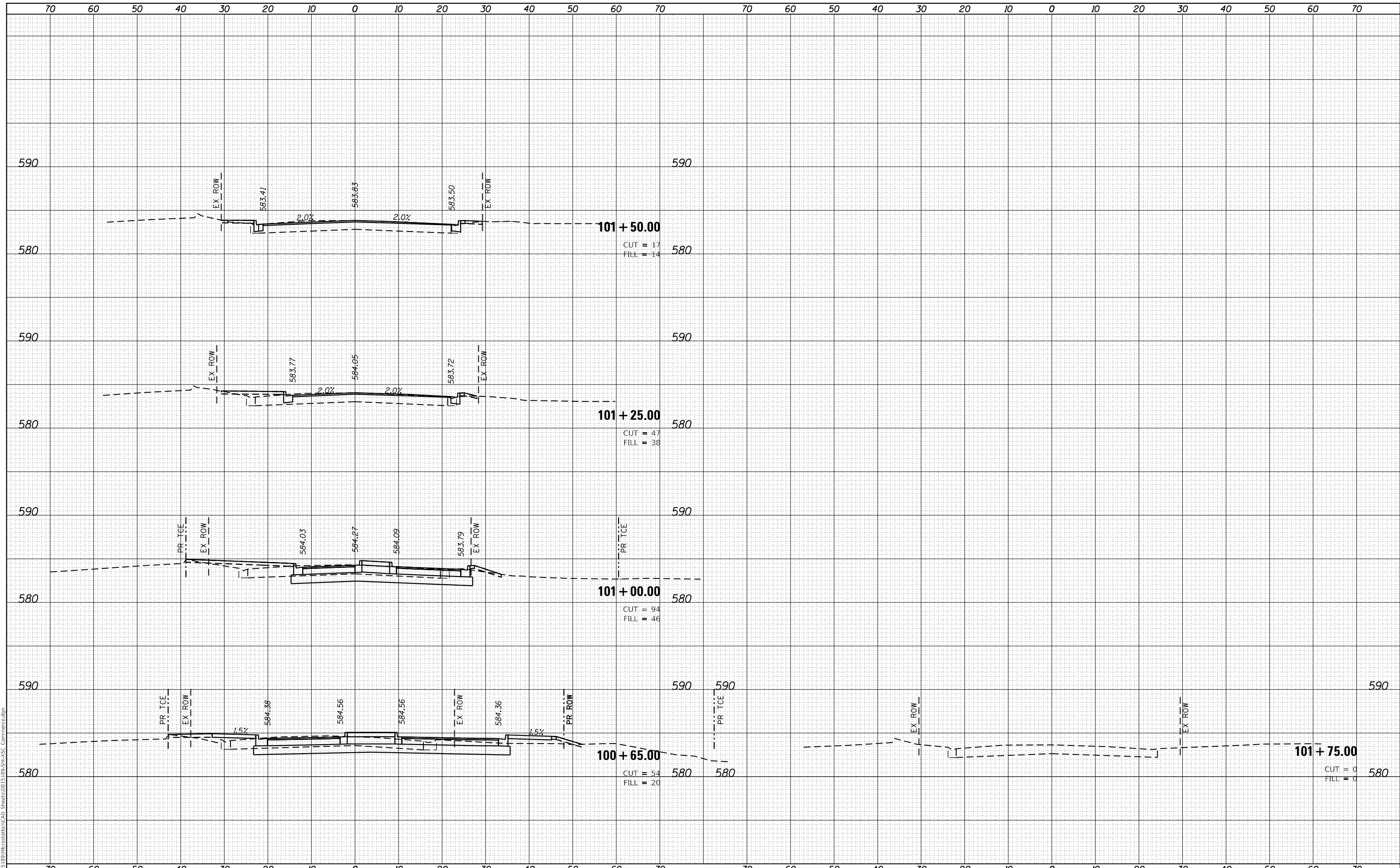
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST. CLAIR	40	39
			CONTRACT NO. 97742	
			ILLINOIS FED. AID PROJECT	



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

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

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	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/14/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COMMERCE LANE CROSS SECTION SHEETS**

SCALE: SHEET 2 OF 2 SHEETS STA. 100+65.00 TO STA. 101+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	16-00042-01-PV	ST. CLAIR	40	40
CONTRACT NO. 97742				
ILLINOIS FED. AID PROJECT				