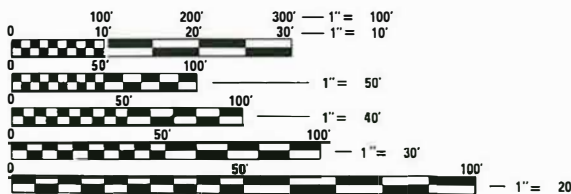


INDEX OF SHEETS

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280001-07	TEMPORARY EROSION CONTROL SYSTEMS
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420101-06	24' (7.2 m) JOINTED PCC PAVEMENT
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602306-03	INLET - TYPE B
602401-04	MANHOLE TYPE A
602601-05	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
720016-04	MAST ARM MOUNTED STREET NAME SIGNS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
814001-03	HANDHOLES
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS



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

SCALE IN FEET

PLAN	1" = 20'
PROFILE HORIZ	1" = 20'
PROFILE VERT	1" = 5'
CROSS SECTION HORIZ	1" = 10'
CROSS SECTION VERT	1" = 5'

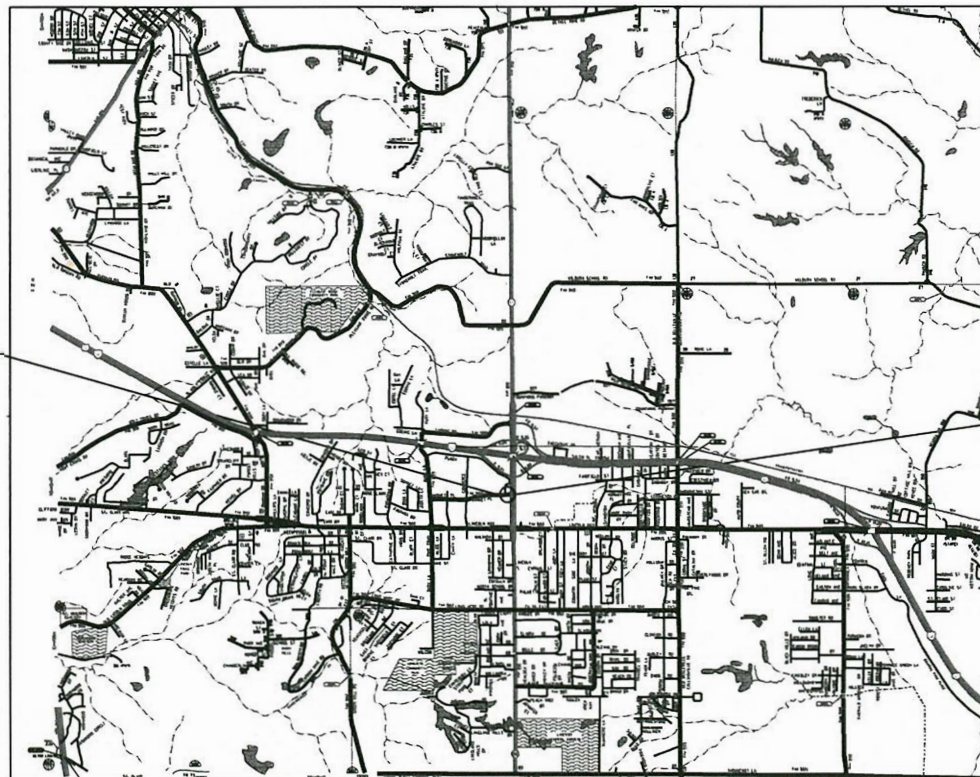
DESIGN DESIGNATION

ROADWAY CLASSIFICATION = MAJOR COLLECTOR
DESIGN SPEED = 25 MPH
CURRENT ADT = 11,900
DESIGN YEAR ADT (2037) = 13,150

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED

CMAQ FUNDS
CITY OF FAIRVIEW HEIGHTS
MARKET PLACE
INTERSECTION IMPROVEMENTS
FAU ROUTE 9326
ST CLAIR COUNTY
SECTION: 14-00042-00-PV
PROJECT: VQW9(866)
JOB NO.: C-98-362-14



BEGIN SECTION
STA 107+00

END SECTION
STA. 116+00

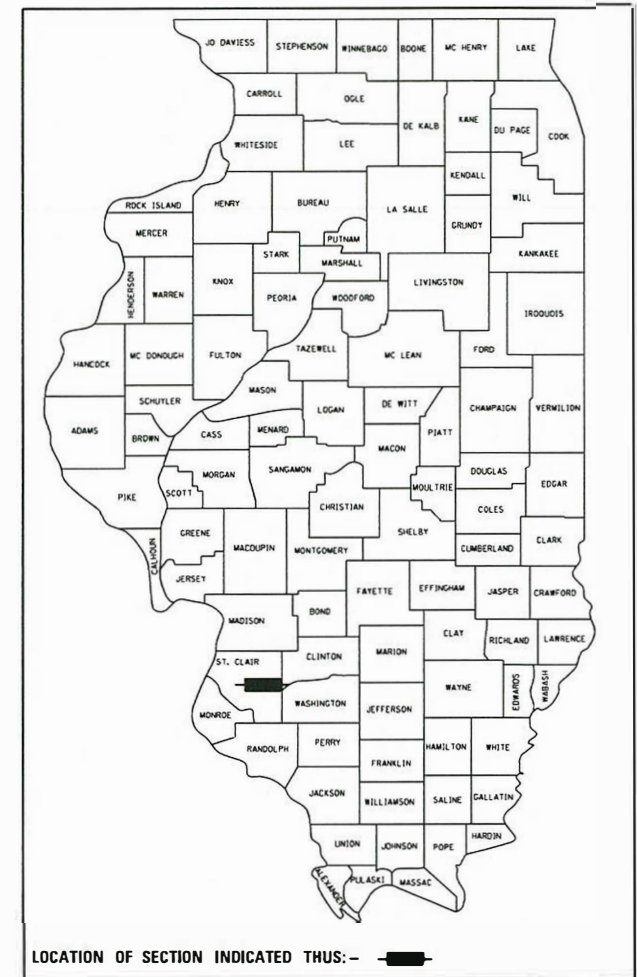
LOCATION MAP

SCALE: 1" = 3,000'
GROSS LENGTH = 900.0' = (0.171 MILES)
NET LENGTH = 900.0' = (0.171 MILES)



Brian Heil 11/14/17
BRIAN HEIL
IL P.E. NO. 062-054934
EXPIRES: 11/30/2017

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST. CLAIR	34	1
FEDERAL AID PROJECT		ILLINOIS	CONTRACT NO. 97663	



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED <i>[Signature]</i>	11-9-2017 DATE
MARK T. KUPSKY MAYOR OF FAIRVIEW HEIGHTS	
PASSED <i>[Signature]</i>	11/15/17 DATE
actmy DISTRICT ENGINEER OF LOCAL ROADS & STREETS	
RELEASING FOR BID BASED ON LIMITED REVIEW	11/15/2017 DATE
<i>[Signature]</i> REGIONAL ENGINEER	



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

BELLEVILLE 20 E. Main Street
Belleville, IL 62220
tel 618.416.4688

ST. LOUIS 720 Olive, Suite 1660
St. Louis, MO 63101
tel 314.588.8381

www.datesassociates.com
ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

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GENERAL NOTES

UTILITIES

1. 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.
2. 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 FOR 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

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

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

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

AMEREN ILLINOIS• (ELECTRIC)
 KEN LAKE
 500 EAST BROADWAY
 EAST ST. LOUIS, IL 62202
 (618) 482-2260

AT&T• (COMMUNICATIONS)
 JASON LEHDE
 1420 FRONTAGE ROAD
 O'FALLON, IL 62269

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

BUCKEYE PARTNERS•, (LP)
 BETH AUMAN
 FIVE TEK PARK
 9999 HAMILTON BOULEVARD
 BREININGSVILLE, PA 18031

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.

GENERAL

3. IN CASE OF CONFLICT BETWEEN THE CONSTRUCTION PLANS AND THE RIGHT OF WAY PLANS, THE RIGHT OF WAY PLANS SHALL TAKE PRECEDENCE IN MATTERS CONCERNING RIGHT OF WAY AND EASEMENTS. THE CONSTRUCTION PLANS SHALL TAKE PRECEDENCE IN MATTERS CONCERNING CONSTRUCTION ITEMS.
4. 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, EXCEPT AS DESCRIBED IN THE TRAFFIC CONTROL STAGING PLANS.
5. A LANDSCAPE CONTRACTOR HIRED BY THE CITY SHALL BE WORKING SIMULTANEOUSLY WITH THIS CONTRACT TO INSTALL HARDSCAPE, SOD AND PLANTS ALONG THE PROJECT LIMITS. A QUANTITY OF TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET HAS BEEN INCLUDED TO PREVENT EROSION ON SITE IF THERE IS A DELAY IN THE SOD AND MULCH INSTALLATION. THE USE OF THESE ITEMS WILL BE DETERMINED BY THE ENGINEER. ANY EARTH SURFACE DISTURBED OUTSIDE THE CONSTRUCTION LIMITS WILL BE SODDED BY THE CONTRACTOR AND WILL NOT BE MEASURED FOR PAYMENT. SEE THE EARTHWORK SCHEDULE FOR ESTIMATED PLAN QUANTITIES.
6. ALL EXISTING ROADWAY FEATURES INCLUDING, BUT NOT LIMITED TO, PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT 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.

PAVING

7. 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.
8. 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

9. 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."
10. 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.
11. ALL TYPE 3 FRAMES AND GRATES SHALL BE FURNISHED BY THE CONTRACTOR WITH OPEN CURB BOXES. SEE HIGHWAY STANDARD 604006 AND THE SPECIAL PROVISIONS FOR DETAILS.
12. THE CONTRACTOR SHALL INCLUDE THE COST OF MAKING CONNECTIONS TO EXISTING DRAINAGE STRUCTURES IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER ITEMS INVOLVED.
13. 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 AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS DRAINAGE STRUCTURE ITEMS INCLUDED IN THE CONTRACT.

PAVEMENT MARKING

14. THE CONTRACTOR SHALL APPLY SHORT-TERM PAVEMENT MARKINGS TO COMPLY WITH THE VARIOUS STAGES OF CONSTRUCTION, TO THE MILLED PAVEMENT SURFACE, AND FOLLOWING THE FINAL LIFT OF HMA PAVEMENT. A QUANTITY FOR SHORT-TERM PAVEMENT MARKING REMOVAL HAS BEEN INCLUDED IN THE PLANS FOR REMOVING THE VARIOUS APPLICATIONS.
15. 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.
16. TEMPORARY PAVEMENT MARKING HAS BEEN INCLUDED IN THE SUMMARY OF QUANTITIES IN THE EVENT THE EPOXY PAVEMENT MARKINGS ARE UNABLE TO BE INSTALLED PRIOR TO A CONSTRUCTION SHUTDOWN DUE TO WEATHER RESTRICTIONS. THE ENGINEER SHALL DETERMINE IF THE TEMPORARY PAVEMENT MARKING WILL NEED TO BE INSTALLED.

ELECTRICAL

17. THE LOCATION OF ALL DETECTOR LOOPS SHALL BE APPROVED BY THE ENGINEER BEFORE ANY SLOTS ARE SAWED IN THE PAVEMENT.

ABBREVIATIONS

18. THE FOLLOWING ABBREVIATIONS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARD 000001:

BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
CONSTR	CONSTRUCTION
CP	CONTROL POINT
ESMT	EASEMENT
ELEV	ELEVATION
N/F	NOW OR FORMERLY
PE	PERMANENT EASEMENT
PERM	PERMANENT
PVC	POLYVINYL CHLORIDE PIPE
RG	RUBBER GASKET
TCE	TEMPORARY CONSTRUCTION EASEMENT
TBA	TO BE ADJUSTED
TBRL	TO BE RELOCATED
TYP	TYPICAL
W	WIDTH

COMMITMENTS

1. CONSTRUCTION ACTIVITY SHALL BE SUSPENDED IN ANY GIVEN YEAR FROM JULY 15TH TO AUGUST 31 AND NOVEMBER 1 TO JANUARY 15 OF THE FOLLOWING YEAR. DURING THIS TIME PERIOD, THE ENTRANCE AT STA. 109+98 LT AND THE APRON OF NORTH PLAZA DRIVE SHALL HAVE FULL ACCESS TO VEHICLES IN BOTH DIRECTIONS.
2. THE COMMERCIAL ENTRANCES AT STA. 109+98 SHALL NOT BE CLOSED SIMULTANEOUSLY WITH THE PLAZA DRIVE CLOSURE.

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USER NAME = brandon.rotermann	DESIGNED -	REVISED -
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	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	14-00042-00-PV	ST. CLAIR	34	2
MARKET PLACE INTERSECTION			CONTRACT NO. 97663	
ILLINOIS FED. AID PROJECT				

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
		20200100	EARTH EXCAVATION	CU YD	1,046
	*	20800150	TRENCH BACKFILL	CU YD	64
		21101695	TOPSOIL FURNISH AND PLACE, 30"	SO YD	93
		25100630	EROSION CONTROL BLANKET	SO YD	946
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	39
		28000500	INLET AND PIPE PROTECTION	EACH	9
		35101100	AGGREGATE BASE COURSE, TYPE A 12"	SO YD	1,974
		35102000	AGGREGATE BASE COURSE, TYPE B 8"	SO YD	104
		35400100	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6"	SO YD	69
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	166
		40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	42
	*	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	13
	*	42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SO YD	1,416
		42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	204

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
		42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	2,318
	*	42400800	DETECTABLE WARNINGS	SO FT	73
		44000100	PAVEMENT REMOVAL	SO YD	955
		44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	292
		44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	297
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,706
		44000600	SIDEWALK REMOVAL	SO FT	365
		44003100	MEDIAN REMOVAL	SO FT	680
		44004250	PAVED SHOULDER REMOVAL	SO YD	13
		550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	70
		550A2340	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	FOOT	89
	*	55100500	STORM SEWER REMOVAL 12"	FOOT	65
	*	55100900	STORM SEWER REMOVAL 18"	FOOT	84
	*	60221200	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1

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

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DATES ASSOCIATES
 Consulting Engineers
 ILLINOIS DESIGN FIRM LICENSE NO: 194.001115

USER NAME = brendon.ratermann	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/14/2017	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NTS	SHEET 1 OF 3 SHEETS	STA. TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST. CLAIR	34	3
MARKET PLACE INTERSECTION		CONTRACT NO. 97663		
[ILLINOIS] FED. AID PROJECT				

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
	*	60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	7
		60255500	MANHOLES TO BE ADJUSTED	EACH	2
		60500060	REMOVING INLETS	EACH	7
		60600605	CONCRETE CURB, TYPE B	FOOT	98
		60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	142
		60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	68
		60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	1,360
		60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	128
		60609200	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12	FOOT	68
		60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	315
△		66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	300
△		66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1
△		66900530	SOIL DISPOSAL ANALYSIS	EACH	1
		67100100	MOBILIZATION	LSUM	1

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
		70300100	SHORT TERM PAVEMENT MARKING	FOOT	349
		70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	118
		70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	132.0
		70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	2,212
		70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	397
		70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	433
		70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	196
△	*	72000100	SIGN PANEL - TYPE 1	SO FT	160.5
△		72300100	INSTALL EXISTING SIGN PANEL	SO FT	5
△		72400310	REMOVE SIGN PANEL - TYPE 1	SO FT	13
△	*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	322
△		78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	132.0
△		78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	2,212
△		78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	397

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 2 OF 3 SHEETS STA. TO STA.

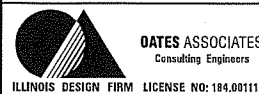
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9326	14-00042-00-PV	ST. CLAIR	34	4
MARKET PLACE INTERSECTION		CONTRACT NO. 97663		
ILLINOIS FED. AID PROJECT				

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
△		78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	433
△		78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	196
△		78200020	CURB REFLECTORS	EACH	23
△		81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	56
△		81400100	HANDHOLE	EACH	2
△	*	88600600	DETECTOR LOOP REPLACEMENT	FOOT	942
△		89502380	REMOVE EXISTING HANDHOLE	EACH	1
△	*	X0325528	REMOVE & REINSTALL LIGHTING EQUIPMENT	L SUM	1
	*	X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	152
	*	X6060505	CONCRETE CURB (SPECIAL)	FOOT	1,159
	*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1
	*	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	1,833
	*	Z0018100	DRAINAGE STRUCTURE ADJUSTMENT (SPECIAL)	EACH	1
#		Z0076600	TRAINERS	HR	500
△	*	Z0036200	PAINT CURB	FOOT	86
#		Z0076604	TRAINERS TRAINING PROGRAM GRADUATE	HR	500

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

0042

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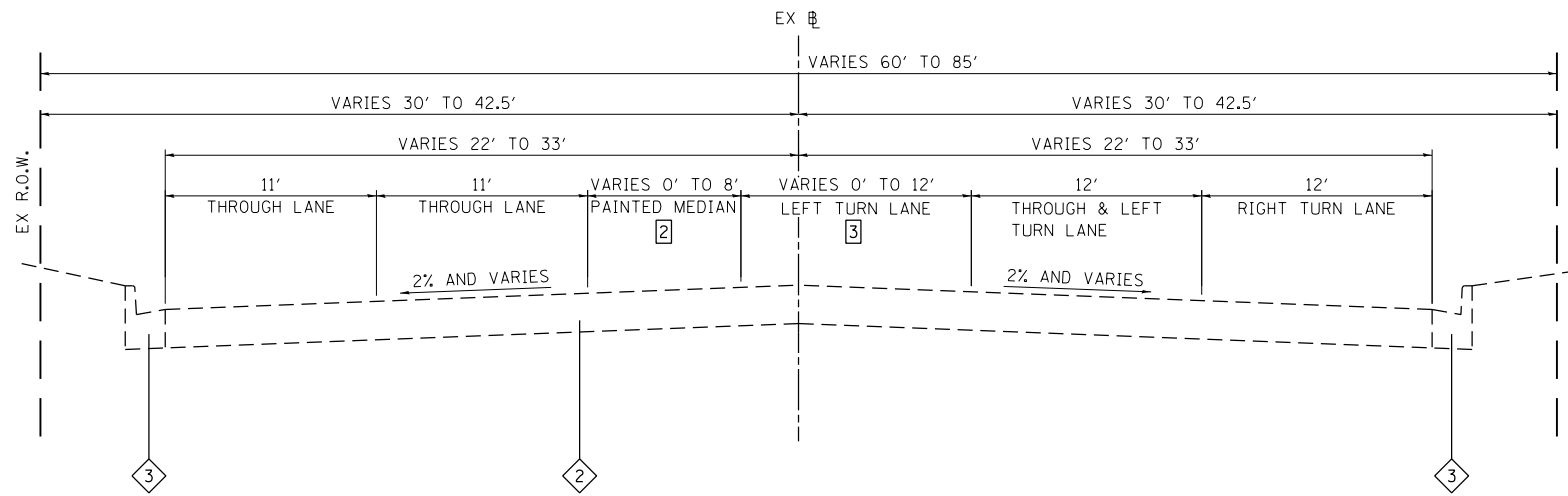


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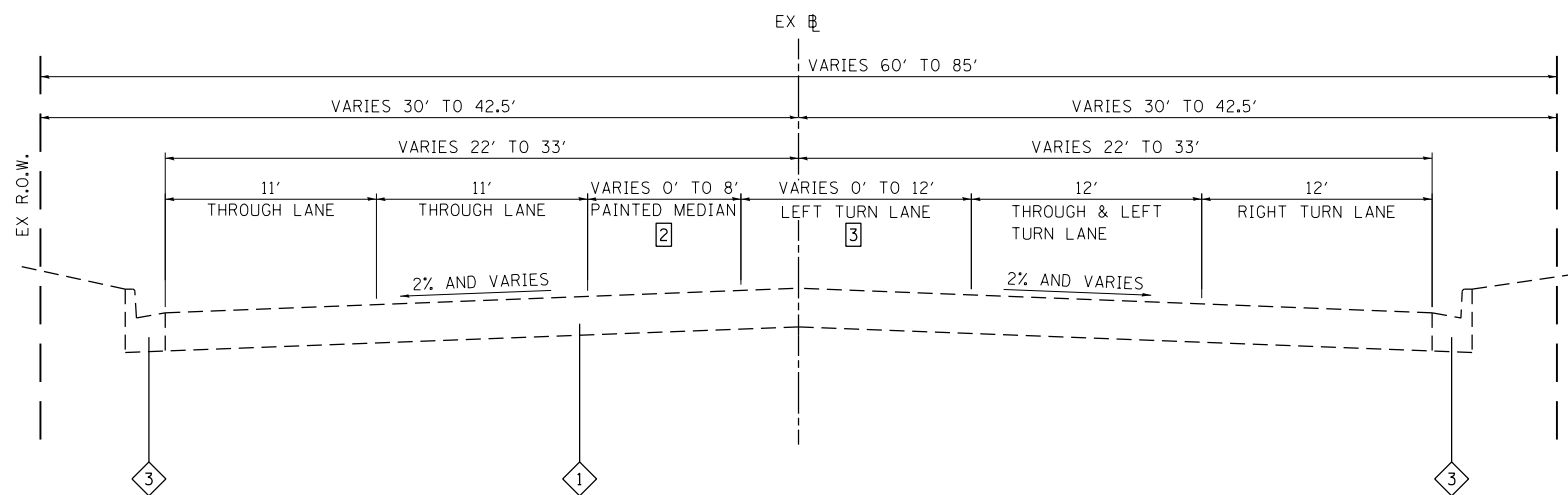
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

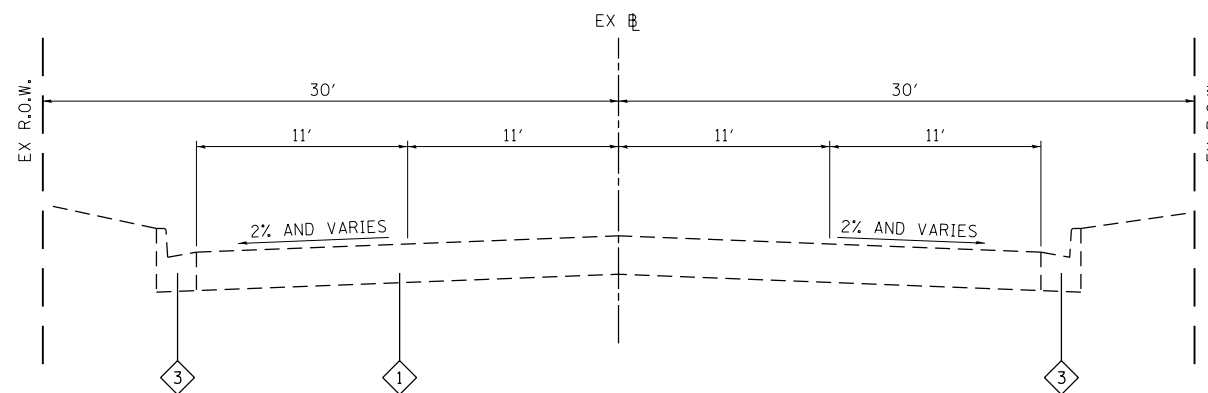
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST. CLAIR	34	5
MARKET PLACE INTERSECTION			CONTRACT NO. 97663	
ILLINOIS FED. AID PROJECT				



EXISTING MARKET PLACE 1
STA. 115+00 TO STA. 115+33



EXISTING MARKET PLACE 1
STA. 112+63 TO STA. 115+00



EXISTING MARKET PLACE
STA. 107+00 TO STA. 112+63

TYPICAL SECTION LEGEND

- 1 EXISTING UNREINFORCED PCC PAVEMENT, 8"
- 2 EXISTING HMA PAVEMENT
- 3 EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18

TYPICAL SECTION NOTES

- 1 LANE WIDTHS ARE SHOWN AT THE INTERSECTION WITH IL RT 159
- 2 0' FROM STA 112+63 TO STA 114+40.67
VARIES FROM 0' TO 8' STA 114+40.67 TO STA. 115+33
- 3 VARIES FROM 0' TO 12' FROM STA 112+63 TO STA 114+35
12' FROM STA 114+35 TO STA 115+33

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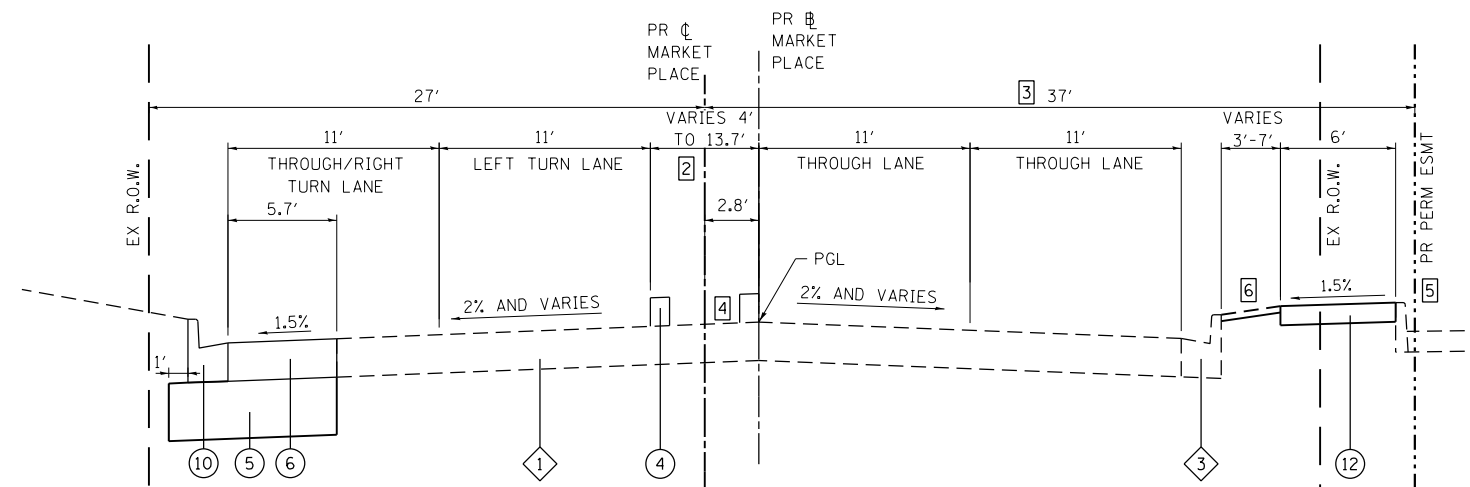


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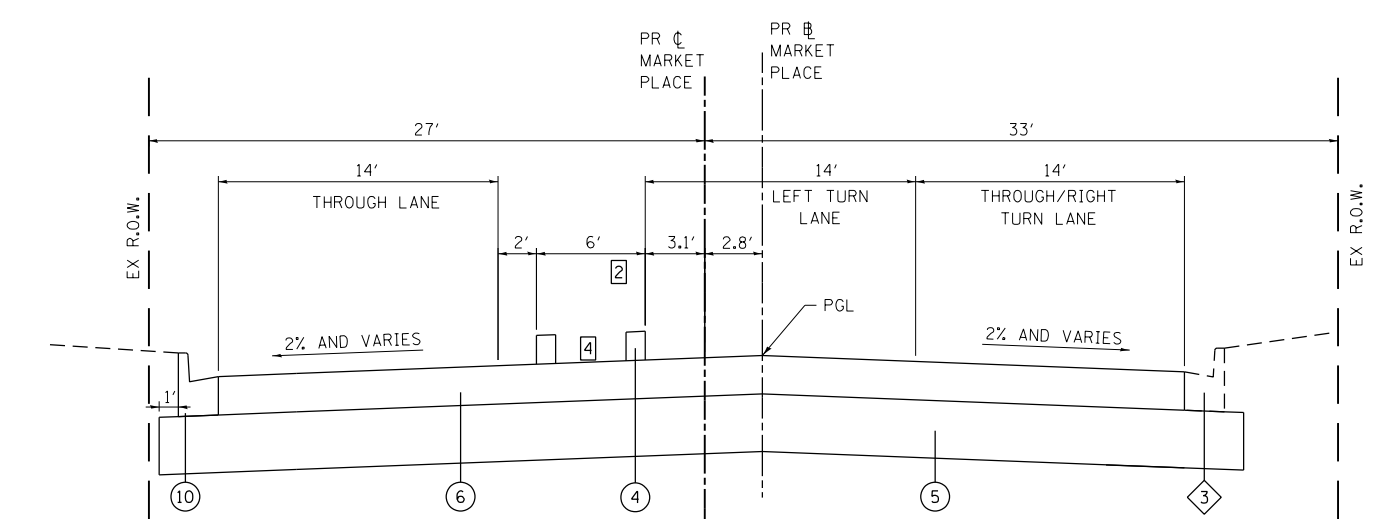
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DEPARTMENT OF TRANSPORTATION**

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

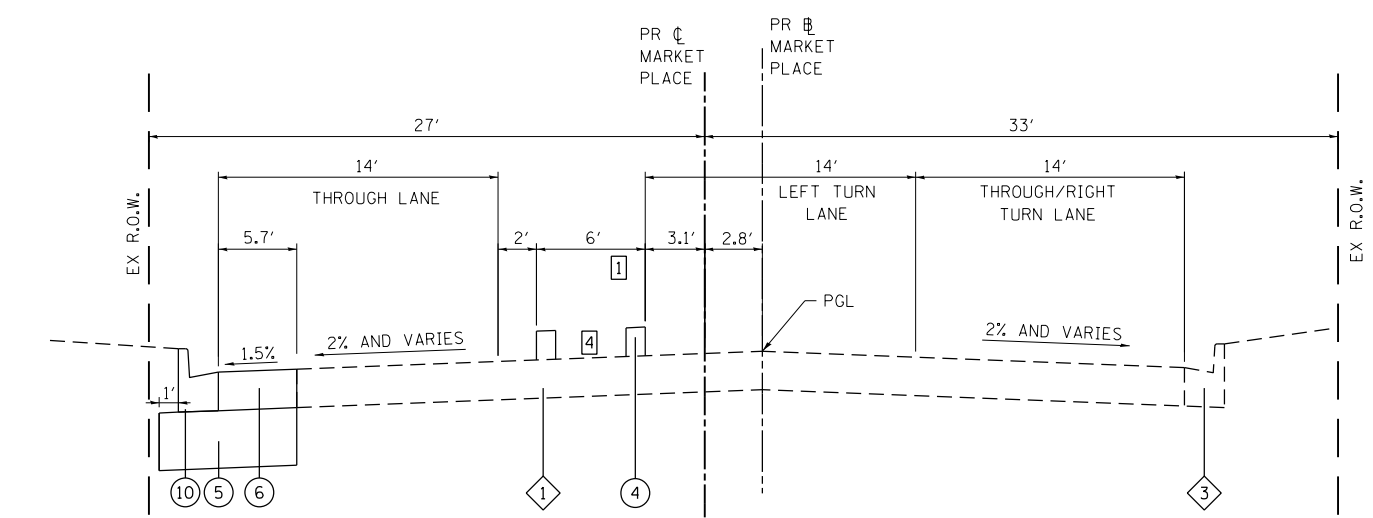
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST. CLAIR	34	6
MARKET PLACE INTERSECTION			CONTRACT NO. 97663	
ILLINOIS FED. AID PROJECT				



PROPOSED MARKET PLACE
STA. 110+28 TO STA. 112+85



PROPOSED MARKET PLACE
STA. 109+72 TO STA. 110+28



PROPOSED MARKET PLACE
STA. 107+00 TO STA. 109+72

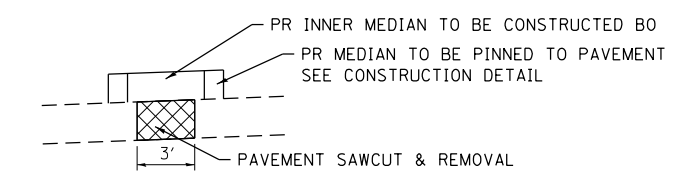
TYPICAL SECTION LEGEND

- ① EXISTING UNREINFORCED PCC PAVEMENT, 8"
- ② EXISTING HMA PAVEMENT
- ③ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ④ PROPOSED CONCRETE CURB SPECIAL (SEE CONST DETAIL)
- ⑤ PROPOSED AGGREGATE BASE COURSE, 12"
- ⑥ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 8" JOINTED
- ⑦ PROPOSED HMA SURFACE REMOVAL, 2"
- ⑧ PROPOSED HMA SURFACE COURSE, 2"
- ⑨ PROPOSED CONCRETE CURB AND GUTTER TYPE B-6.12
- ⑩ PROPOSED CONCRETE CURB AND GUTTER TYPE B-6.18
- ⑪ PROPOSED CONCRETE CURB AND GUTTER TYPE M-6.06
- ⑫ PROPOSED CONCRETE SIDEWALK, 4"
- ⑬ PROPOSED TOPSOIL, 30"
- ⑭ PROPOSED AGGREGATE BASE COURSE, 8"
- ⑮ PROPOSED PCC BASE COURSE WIDENING, 6"

TYPICAL SECTION NOTES

- ① MEDIAN BEGINS AT STA 108+44 & ENDS AT STA 109+63
 - ② MEDIAN WIDTH (FOC TO FOC)
- | MEDIAN WIDTH TAPER | |
|--------------------|-------|
| STATION | WIDTH |
| 110+30 | 4' |
| 110+85 | 11.7' |
| 111+39 | 5.7' |
- ③ ROW WIDTH VARIES. SEE ROW PLAN SHEET
 - ④ SAW CUT DETAIL FOR LIGHT POLE FOUNDATIONS AT THE FOLLOWING LOCATIONS, THE EXISTING PAVEMENT SHALL BE SAW CUT AND REMOVED FOR A LENGTH OF 4' AND A WIDTH OF 3'.

-108+53	-109+03	-109+53
-110+39	-110+93	-111+47
-112+00	-112+54	-113+09



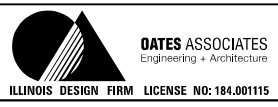
- ⑤ EDGE OF SIDEWALK TO MATCH EX TOP OF CURB
- ⑥ SOD TO BE INSTALLED BY OTHERS, LEAVE FINISHED SURFACE 1" LOW

MIXTURES TABLE

MIXTURE USE	SURFACE*	INCIDENTAL SURFACING**
THICKNESS	2"	6"
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	SEE BDE SPECIAL PROVISIONS	SEE BDE SPECIAL PROVISIONS
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=50
MIX COMPOSITION	IL-9.5	IL-9.5
FRICITION AGG	MIXTURE "D"	MIXTURE "D"

NOTES:
 * MARKET PLACE
 ** PARKING LOT FILLER FOR NEW BARRIER CURB

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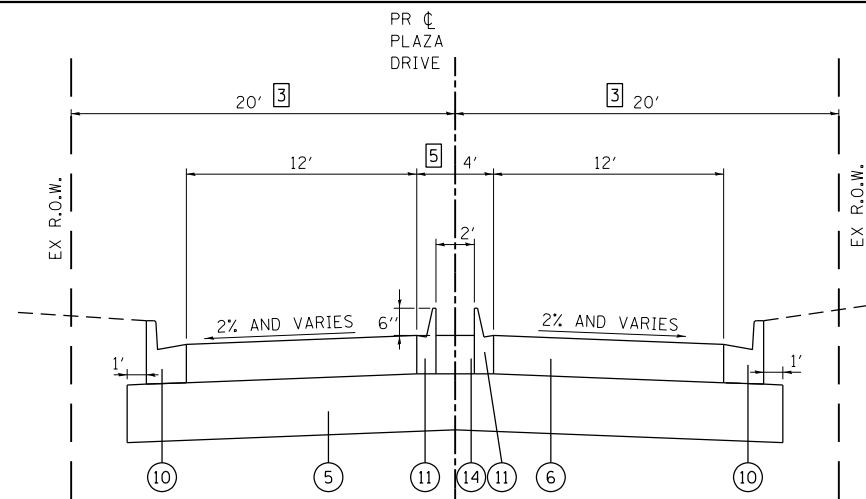


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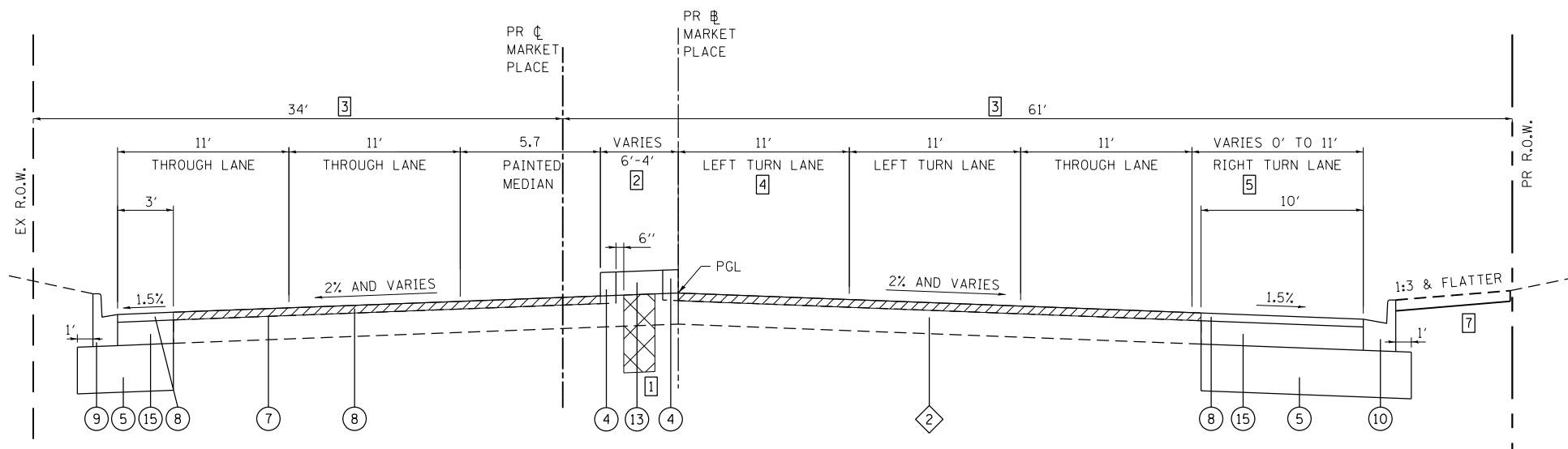
TYPICAL SECTIONS	
SCALE: NTS	SHEET 2 OF 3 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST. CLAIR	34	7
MARKET PLACE INTERSECTION			CONTRACT NO. 97663	
ILLINOIS FED. AID PROJECT				



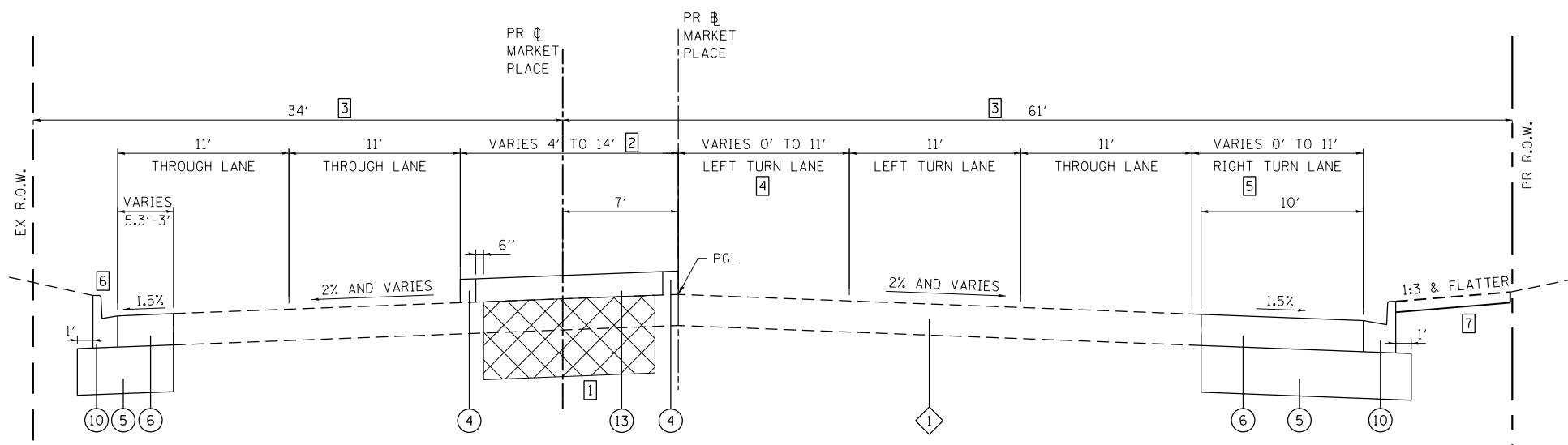
PROPOSED PLAZA DRIVE

STA. 1+21 TO STA. 1+91
COMMERCIAL ENTRANCE @ 112+64 RT



PROPOSED MARKET PLACE

STA. 115+00 TO STA. 115+33



PROPOSED MARKET PLACE

STA. 112+85 TO STA. 115+00

TYPICAL SECTION LEGEND

- ① EXISTING UNREINFORCED PCC PAVEMENT, 8"
- ② EXISTING HMA PAVEMENT
- ③ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ④ PROPOSED CONCRETE CURB SPECIAL (SEE CONST DETAIL)
- ⑤ PROPOSED AGGREGATE BASE COURSE, 12"
- ⑥ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT, 8" JOINTED
- ⑦ PROPOSED HMA SURFACE REMOVAL, 2"
- ⑧ PROPOSED HMA SURFACE COURSE, 2"
- ⑨ PROPOSED CONCRETE CURB AND GUTTER TYPE B-6.12
- ⑩ PROPOSED CONCRETE CURB AND GUTTER TYPE B-6.18
- ⑪ PROPOSED CONCRETE CURB AND GUTTER TYPE M-6.06
- ⑫ PROPOSED CONCRETE SIDEWALK, 4"
- ⑬ PROPOSED TOPSOIL, 30"
- ⑭ PROPOSED AGGREGATE BASE COURSE, 8"
- ⑮ PROPOSED PCC BASE COURSE WIDENING, 6"

TYPICAL SECTION NOTES

- ① SAWCUT AND REMOVE PAVEMENT AND SOIL TO A DEPTH OF 24" BELOW PAVEMENT STA. 113+70 TO STA. 115+05
- ② MEDIAN WIDTH (FOC TO FOC)

MEDIAN WIDTH TAPER	
STATION	WIDTH
113+63	4'
114+00	8.9'
114+25	11.2'
114+40	11.6'
115+00	6'
115+24	4'

- ③ ROW WIDTH VARIES. SEE ROW PLAN SHEET
- ④ 0' FROM STA 112+85 TO STA 112+98
VARIES FROM 0' TO 11' STA 112+98 TO STA 114+15
11' FROM STA 114+15 TO STA 115+33
- ⑤ LANE WIDTHS, LANE SLOPES, AND MEDIAN WIDTHS WILL VARY. SEE WARPING DETAIL AND CROSS SECTIONS
- ⑥ CURB TRANSITIONS FROM B-6.18 TO B-6.12. TRANSITION CURB FROM 114+42 TO 114+60.
- ⑦ SOD TO BE INSTALLED BY OTHERS, LEAVE FINISHED SURFACE 1" LOW

TYPICAL SECTION LEGEND

- 2" MILL AND OVERLAY
- 24" PAVEMENT & SUBBASE REMOVAL

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DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST. CLAIR	34	8
MARKET PLACE INTERSECTION			CONTRACT NO. 97663	
ILLINOIS FED. AID PROJECT				

ENTRANCE

STATION	OFFSET	ENTRANCE TYPE	EXISTING SURFACE TYPE	INC HMA SURF (NOTE 4&5) (TON)	PCC DRIVEWAY PAVT 8 (NOTE 2) (SQ YD)	DRIVEWAY PAVEMENT REM (NOTE 3) (SQ YD)
109+98	RT	CE	CONC		132	139
109+98	LT	CE	CONC		72	38
PARKING LOT	LT	CE	ASPH	13		120
TOTAL				13	204	297

ENTRANCE NOTES:

- DEPRESSED CURB AND GUTTER THROUGH ENTRANCES SHALL BE MEASURED FOR PAYMENT AS COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18.
- CURB ALONG ENTRANCE SHALL BE PAID FOR AS TYPE B-6.18
- SEE REMOVAL SHEETS AND INTERSECTION DETAILS FOR MORE INFORMATION
- HMA IS BASED ON 6" THICKNESS AND THE FOLLOWING APPLICATION RATE: INCIDENTAL HMA SURFACE: 112 LBS/SY/INCH THICKNESS
- BITUMINOUS MATERIALS TACK COAT AND PRIME COAT SHALL BE INCLUDED IN THE COST FOR INCIDENTAL HMA SURFACING.

SIDEWALK

STATION	STATION	OFFSET	PC CONC SIDEWALK 4 (NOTE 1) (SQ FT)	DETECTABLE WARNINGS (NOTE 1) (SQ FT)	SIDEWALK REM (SQ FT)
109+66	109+76	LT	176	10	60
109+66	109+76	RT	428	20	305
110+17	112+42	RT	1,447	12	
112+59	112+80	RT	267	31	
TOTAL			2,318	73	365

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.

CURB & GUTTER

STATION	STATION	OFFSET	COMB CURB GUTTER REM (FOOT)	MEDIAN REM (SQ FT)	CONC CURB TB (FOOT)	COMB CC&G TB-6.06 (FOOT)	COMB CC&G TB-6.12 (FOOT)	COMB CC&G TB-6.18 (FOOT)	COMB CC&G TM-6.06 (FOOT)	COMB CC&G TM-6.12 (FOOT)	CONC MED SURF 4 (SQ FT)	CONC CURB SP (NOTE 1) (FOOT)	CURB REFLECTORS (NOTE 2) (EACH)	PAINT CURB (FOOT)
106+93	109+98	LT	312					334				244	6	18
109+66	109+98	RT	42					76						
109+98	113+04	LT	353			36		365	128			295	6	15
109+98	112+63	RT	306			106		125				297		
113+04	115+33	LT	270				68	186				130	6	12
112+63	115+33	RT	293					274				193		
PARKING LOT		LT	130		98									
115+33	116+00	RT		680					68	315		5		41
TOTAL			1,706	680	98	142	68	1,360	128	68	315	1,159	23	86

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.
- ALL CURB REFLECTORS SHALL BE AMBER IN COLOR.

SIGN

STATION	OFFSET	MUTCD TYPE	DESCRIPTION	SIZE (IN X IN)	SIGN PANEL T1 (NOTE 4) (SQ FT)	INSTALL EX SIGN PANEL (SQ FT)	TELES STL SIN SUPPORT (FOOT)	REMOV SIGN PANEL T1 (SQ FT)	NOTES	
107+29	29	RT	R3-8a	LANE DESIGNATION	30 X 30	6.25		16		
108+49	6	LT	R3-1100L	LEFT TURN LANE	24 X 30	5		16		
109+60	6	LT	R1-1	STOP	36 X 36	9		17		
			R1-3P	ALL WAY	18 X 6	0.75				
109+60	29	RT	R1-1	STOP	36 X 36	9		17		
			R1-3P	ALL WAY	18 X 6	0.75				
			R4-7	KEEP RIGHT	24 X 30	5				
109+79	36.5	LT	R1-1	STOP	36 X 36	9		17		
			R1-3P	ALL WAY	18 X 6	0.75				
110+20	39	RT	R1-1	STOP	36 X 36	9		17		
			R1-3P	ALL WAY	18 X 6	0.75				
110+32	29	LT	R1-1	STOP	36 X 36	9		17		
			R1-3P	ALL WAY	18 X 6	0.75				
110+32	1	LT	R1-1	STOP	36 X 36	9		17		
			R1-3P	ALL WAY	18 X 6	0.75				
			R4-7	KEEP RIGHT	24 X 30	5				
111+07	1	RT	R3-1100L	LEFT TURN LANE	24 X 30	5		16		
111+65	29	RT	R3-8b	LANE DESIGNATION	48 X 30	10		31	DUAL POSTS	
112+40	30	LT	R3-8a	LANE DESIGNATION	30 X 30	6.25		16		
112+50	0	RT/LT	R3-8a	LANE DESIGNATION	30 X 30	6.25		16		
112+72	39	LT	R1-1	STOP	36 X 36	9		16		
112+83	47.5	RT	R1-1	STOP	36 X 36	9		16		
			R1-1	STOP	36 X 36	9				
113+02	33.5	LT	D3-1	STREET NAME	36 X 9		2	18	MARKET PL	
			D3-1	STREET NAME	36 X 9		2		PLAZA DR	
113+15	0	RT/LT	R4-7	KEEP RIGHT	24 X 30	5		16		
113+67	2	LT	R3-2	NO LEFT TURN	30 X 30	6.25		16		
			R4-7	KEEP RIGHT	24 X 30	5				
113+85	32	LT	R2-1	SPEED LIMIT	24 X 30	5		16	25 MPH	
115+16	5	RT	R4-7	KEEP RIGHT	24 X 30	5		16		
116+50	26	RT	R3-8b	LANE DESIGNATION	48 X 30	10			13	MOUNT ON MAST ARM
TOTALS						160.5	5	322	13	

SIGN NOTES:

- SEE SIGNING SHEET FOR ADDITIONAL INFORMATION
- SEE CONSTRUCTION DETAILS FOR INSTALLATION IN MEDIAN
- PLACE STREET NAME SIGN ABOVE STOP SIGN ON POSTS
- THE REVERSE SIDE OF ALL ONE SIDED SIGNS SHALL BE BLACK IN COLOR AS DESCRIBED IN THE PROJECT SPECIAL PROVISIONS.

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DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST. CLAIR	34	9
MARKET PLACE INTERSECTION			CONTRACT NO. 97663	
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING

STATION	STATION	OFFSET	COMMENT	COLOR	SHORT-TERM PAVT MKING (NOTE 2) (FOOT)	SHORT TERM PAVT MK REM (NOTE 2) (SQ FT)	TEMP PVT MK LTRS & SYMB (NOTE 3) (SQ FT)	TEMP PVT MK LINE 4 (NOTE 3) (FOOT)	TEMP PVT MK LINE 8 (NOTE 3) (FOOT)	TEMP PVT MK LINE 12 (NOTE 3) (FOOT)	TEMP PVT MK LINE 24 (NOTE 3) (FOOT)	TEMP PVT MK REM (NOTE 3) (SQ FT)	PAVT MK REM WTR BL (SQ FT)	EPOXY PVT MK LTRS & SYMB (NOTE 1) (SQ FT)	EPOXY PVT MK LINE 4 (NOTE 1) (FOOT)	EPOXY PVT MK LINE 8 (NOTE 1) (FOOT)	EPOXY PVT MK LINE 12 (NOTE 1) (FOOT)	EPOXY PVT MK LINE 24 (NOTE 1) (FOOT)
MAINLINE																		
107+00	115+00	CL	DOUBLE CL	YELLOW				701				234	534		701			
107+00	113+72	RT	SKID DASH LANE	WHITE									56					
107+00	115+00	LT	SKID DASH LANE	WHITE									67					
107+00	109+60	CL	DOUBLE CL	YELLOW	26	9		294				98			294			
107+54	108+40	LT	TAPER	WHITE				136				46			136			
108+47	109+63	LT	MEDIAN STRIPING	YELLOW				116	116	40		156			116	116	40	
107+29	108+47	RT	DOTTED TAPER	WHITE				30				10			30			
108+47	109+61	RT	TURN LANE	WHITE	12	4	17.6	114				38		17.6	114			
110+31	111+06	LT	TURN LANE	WHITE	8	3	17.6	75				25		17.6	75			
110+31	111+06	RT	MEDIAN STRIPING	YELLOW				64				22			64			
111+06	112+53	LT	DOTTED TAPER	WHITE				37				13			37			
111+56	113+02	RT	SKIP DASH LANE	WHITE	15	5		40				14			40			
112+53	115+33	LT	SKIP DASH LANE	WHITE	28	10		70				24			70			
113+00	113+72	RT	DOTTED TAPER	WHITE				18				6			18			
113+05	114+11	RT	DOTTED TAPER	WHITE				27				9			27			
113+72	115+20	RT	TURN LANE LINES	WHITE	45	15	52.8	245			54	190	152	52.8	245			54
113+95	115+21	LT	MEDIAN STRIPING	YELLOW					133	32		121				133	32	
SIDEROADS																		
CE STA. 109+98		LT/RT	X WALK & STOP BAR	WHITE						174	92	358					174	92
CE STA. 109+98		LT	TURN LANE/DOUBLE CL	BOTH			8.8	90				30		8.8	90			
CE STA. 109+98		RT	TURN LANE/DOUBLE CL	BOTH			8.8	90				30		8.8	90			
PARKING LOT		LT	PARKING STALLS	WHITE				40				14			40			
PLAZA		RT	X WALK & STOP BAR	WHITE			8.8			63	16	95		8.8			63	16
PLAZA		LT	TURN LANES / APRONS	WHITE			17.6		148	124	34	291		17.6		148	124	34
IL ROUTE 159		LT	DOTTED TURN MOVEMENT	WHITE				25				9			25			
TRAFFIC CONTROL																		
STAGE 1		RT	TURN LANE ARROWS	WHITE	50	17												
STAGE 4		RT	TURN LANES	WHITE	165	55												
TOTAL					349	118	132.0	2,212	397	433	196	1,833	152	132.0	2,212	397	433	196

PAVEMENT MARKING NOTES:

- SEE HIGHWAY STANDARD 780001 FOR PAVEMENT MARKING DETAILS.
- SHORT TERM PAVEMENT MARKINGS REQUIRED AFTER REMOVAL OF EXISTING PAVEMENT MARKINGS
- TEMPORARY PAVEMENT MARKINGS TO BE PLACED AT THE ENGINEERS DISCRETION

EARTHWORK

STATION	STATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (NOTE 1) (CU YD)	EMBANKMENT (NOTE 2) (CU YD)	NON SPL WASTE DISPOSAL (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (NOTE 3) (CU YD)	TEMP EROS CONT SEED (NOTE 5) (POUND)	TOPSOIL FURNISH & PLACE 30" (SQ YD)	EROS CONT BLANKET (NOTE 4) (SQ YD)
106+75	113+00	584	497	5		492	22		548
PLAZA LT		102	87			87			
PLAZA RT		60	51			51			
113+30	115+25	300	255		300		17	93	398
TOTAL		1,046	890	5	300	630	39	93	946

EARTHWORK NOTES:

- ESTIMATED SHRINKAGE FACTOR = 15%.
- APPROXIMATE EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY.
- APPROXIMATE EARTHWORK BALANCE IS SHOWN FOR INFORMATION ONLY.
- EROSION CONTROL BLANKET TO BE USED TO PROTECT TOPSOIL UNTIL LANDSCAPE CONTRACTOR CAN INSTALL SOD
- APPLICATION RATE FOR TEMPORARY SEEDING ASSUMES TWO APPLICATIONS AT 100 LBS/ACRE

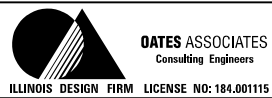
PAVEMENT

STATION	STATION	OFFSET	AGG BASE CSE B 8 (NOTE 3) (SQ YD)	AGG BASE CSE A 12 (SQ YD)	PCC BASE CSE W 6 (SQ YD)	BIT MATL TACK CT (NOTE 1) (POUND)	HMA SC D N70 (NOTE 1&2) (TON)	PCC PVT 8 JOINTED (SQ YD)	PAVEMENT REM (SQ YD)	PVD SHLDR REM (SQ YD)	HMA SURF REM 2 (SQ YD)
106+90	112+34	LT		515				333	65		
109+72	110+28	CL		273				273	300		
PLAZA		RT	31	261				175	179		
PLAZA		LT	30	515				395	305		
113+12	115+00	RT		222				163	47		
113+88	115+00	LT		94				57	47		
115+00	115+33	RT		60	48	83	21			7	146
115+00	115+33	LT		34	21	83	21			6	146
ROUTE 159		RT	43					20			
LIGHT FOUNDATIONS		CL							12		
TOTAL			104	1,974	69	166	42	1,416	955	13	292

PAVEMENT NOTES:

- APPLICATION RATES USED FOR QUANTITY ESTIMATES ARE AS FOLLOWS:
HOT-MIX ASPHALT: 112 LBS/SY/INCH THICKNESS
BITUMINOUS MATERIAL TACK COAT 0.05 LBS/SO FT
THE PROPOSED SURFACE COURSE SHALL BE 2 IN. THICK.
- AGG BSE CSE B 8 SHALL BE PLACED INSIDE MEDIAN ISLANDS

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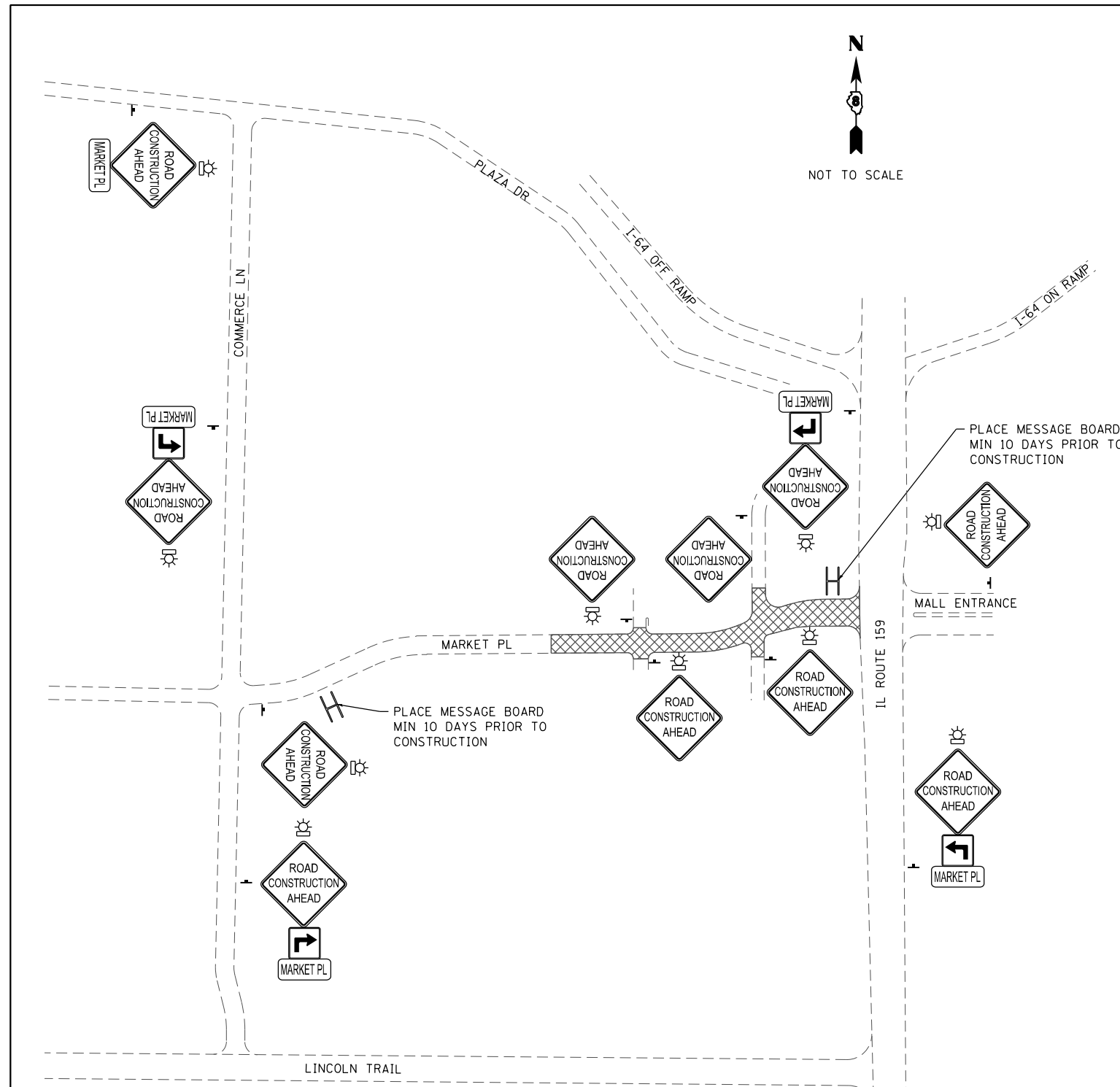
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST. CLAIR	34	10
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TRAFFIC CONTROL GENERAL NOTES

1. ALL TRAFFIC CONTROL SIGNS, BARRICADES, AND MAINTENANCE TO BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
2. TYPE A LOW INTENSITY FLASHING LIGHTS SHALL BE USED ON THE FIRST SIGN IN ADVANCE OF THE WORK SITE AND ON ALL TYPE III BARRICADES DURING HOURS OF DARKNESS.
3. BARRICADES AND SIGNS SHALL BE POSITIONED AS SHOWN, ACCORDING TO HIGHWAY STANDARDS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND AS DIRECTED BY THE ENGINEER.
4. THE EXACT LOCATION OF THE BARRICADES AND SIGNS SHALL BE STAKED IN THE FIELD BY THE CONTRACTOR TWO WORKING DAYS IN ADVANCE OF CONSTRUCTION OPERATIONS FOR APPROVAL BY THE ENGINEER.
5. TRAFFIC CONTROL DEVICES SHOWN ON THIS SHEET SHALL REMAIN IN PLACE DURING THE ENTIRETY OF CONSTRUCTION.
6. THE CHANGEABLE MESSAGE BOARDS SHALL BE INSTALLED A MINIMUM OF 10 DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. AFTER 10 DAYS, AND THE INSTALLATION OF STAGE 1 TRAFFIC CONTROL, THE MESSAGE BOARDS MAY BE REMOVED

SUGGESTED STAGE 1 CONSTRUCTION

1. UTILIZING THE TRAFFIC CONTROL PLAN SHOWN ON THE FOLLOWING SHEETS, INSTALL ALL STAGE 1 TRAFFIC CONTROL DEVICES. INSTALL THE INLET PROTECTION DEVICES AS SHOWN IN THE PLANS. CONSTRUCT THE PAVEMENT WIDENING ON MARKET PLACE, ALL DRAINAGE APPURTANCES ALONG MARKET PLACE, ADJUST THE CONCRETE VAULT AT STA. 111+14 RT, AND CONSTRUCT THE SIDEWALK ALONG MARKET PLACE.
2. REMOVE THE PAVEMENT FOR THE TWO COMMERICAL ENTRANCES AND THE OUTSIDE LANES OF MARKET PLACE AT STA. 109+98. RECONSTRUCT THIS PAVEMENT AND THE CURB RAMPS AT THIS INTERSECTION. INSIDE LANES SHALL REMAIN OPEN AT ALL TIMES. RELOCATE THE FLOOD LIGHTS FROM STA. 108+20 STA. 109+60 LT.
3. REMOVE AND RECONSTRUCT THE MEDIAN NOSE ON IL ROUTE 159. THIS WORK ALONG IL ROUTE 159 SHALL ONLY BE DONE AT NIGHT BETWEEN THE HOURS OF 8:00 PM TO 6:00 AM. ALL LANES SHALL REOPEN BY 6:00 AM.
4. REMOVE AND RECONSTRUCT THE PARKING LOT PAVEMENT AND CURB FOR THE PARKING LOT AT STA. 112+50 LT.
5. RELOCATE THE HANDHOLE AT STA. 115+10 RT AND INSTALL THE EROSION CONTROL BLANKET FOR ALL DISTURBED EARTH SURFACES ALONG THE PROJECT TO PREVENT EROSION UNTIL THE SOD IS INTALLED BY OTHERS.

SUGGESTED STAGE 2 CONSTRUCTION

1. UTILIZING THE TRAFFIC CONTROL PLAN SHOWN ON THE FOLLOWING SHEETS, REMOVE STAGE 1 TRAFFIC CONTROL DEVICES AND INSTALL ALL STAGE 2 TRAFFIC CONTROL DEVICES. REMOVE AND RECONSTRUCT THE PAVEMENT FOR THE INSIDE LANES OF MARKET PLACE AT THE INTERSECTION AT STA. 109+98.

SUGGESTED STAGE 3 CONSTRUCTION

1. STAGE 3 MAY NOT COMMENCE UNTIL STAGE 1 & 2 HAVE BEEN COMPLETED.
2. UTILIZING THE TRAFFIC CONTROL PLAN SHOWN ON THE FOLLOWING SHEETS, REMOVE STAGE 2 TRAFFIC CONTROL DEVICES AND INSTALL ALL STAGE 3 TRAFFIC CONTROL DEVICES. REMOVE AND RECONSTRUCT THE PAVEMENT, CURB AND GUTTER, SIDEWALK RAMP AND DRAINAGE APPURTANCES ON THE NORTH AND SOUTH LEGS OF THE PLAZA DRIVE INTERSECTION.

SUGGESTED STAGE 4 CONSTRUCTION

1. UTILIZING THE TRAFFIC CONTROL PLAN SHOWN ON THE FOLLOWING SHEETS, REMOVE STAGE 3 TRAFFIC CONTROL DEVICES AND INSTALL ALL STAGE 4 TRAFFIC CONTROL DEVICES. INSTALL STOP SIGNS AT PROPOSED 4-WAY STOP AT STA. 109+98, PRIOR TO ALLOWING LEFT TURNS. REMOVE THE PAVEMENT WITHIN THE CENTER MEDIAN AND FOR THE LIGHT POLE FOUNDATIONS AS SHOWN IN THE PLANS, INSTALL TOPSOIL IN THE MEDIAN AS SHOWN IN THE PLANS, AND CONSTRUCT THE CONCRETE CURB (SPECIAL) FOR THE CENTER MEDIAN ON MARKET PLACE.
2. UTILIZING HIGHWAY STANDARD 701301, MILL AND OVERLAY THE HMA PAVEMENT FROM STA. 115+00 TO STA. 115+33. DETECTOR LOOPS SHALL BE INSTALLED AFTER THE HMA SURFACE HAS BEEN REMOVED, BUT BEFORE INSTALLING THE HMA OVERLAY.
3. REMOVE THE TRAFFIC CONTROL DEVICES FOR STAGE 4 AND UTILIZING HIGHWAY STANDARD 701301 AND 701311, REMOVE THE EXISTING PAVEMENT MARKINGS AND INSTALL ALL PROPOSED PAVEMENT MARKINGS AND SIGNS AS SHOWN IN THE PLANS.

TRAFFIC CONTROL PLAN LEGEND

	W20-10 (48" x 48") (FLUORESCENT ORANGE)		SPECIAL
	SPECIAL (24" x 24") (FLUORESCENT ORANGE)		TRAFFIC CONTROL SIGN LOCATION
	SPECIAL (24" x 24") (FLUORESCENT ORANGE)		TYPE A LOW INTENSITY FLASHING LIGHT
			CHANGEABLE MESSAGE BOARD
			WORK AREA

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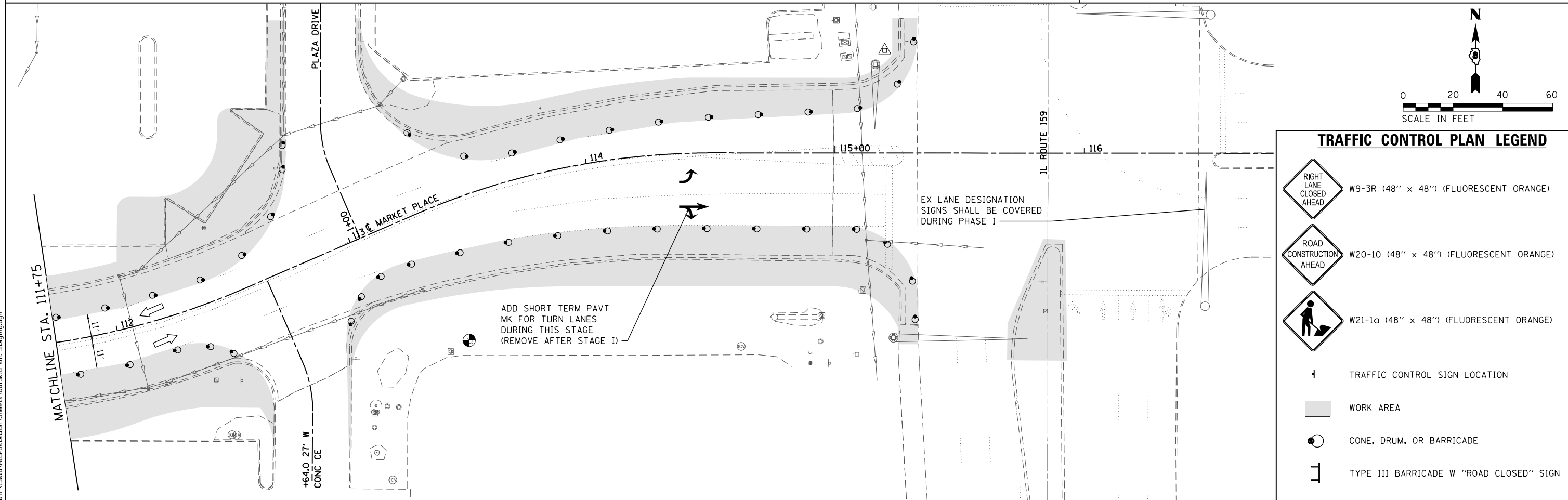
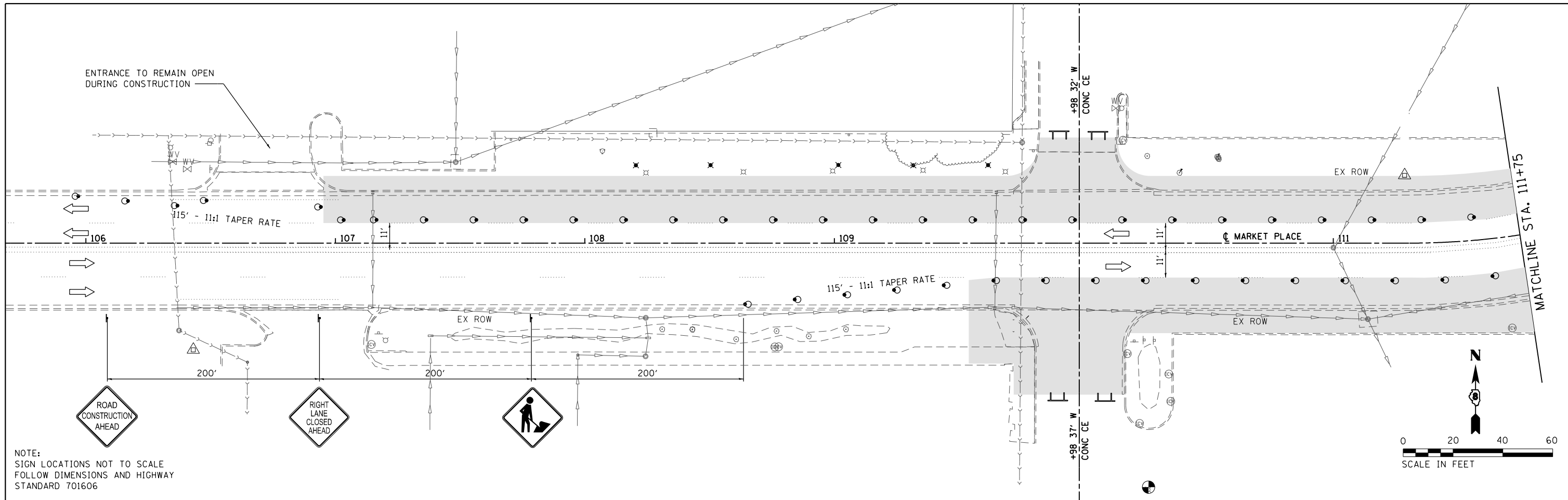
OATES ASSOCIATES
Consulting Engineers
ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/14/2017	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
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TRAFFIC CONTROL PLANS	
GENERAL SIGN LAYOUT & SEQUENCE	
SCALE: NTS	SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST. CLAIR	34	13
MARKET PLACE INTERSECTION			CONTRACT NO. 97663	
ILLINOIS FED. AID PROJECT				



TRAFFIC CONTROL PLAN LEGEND

	W9-3R (48" x 48") (FLUORESCENT ORANGE)
	W20-10 (48" x 48") (FLUORESCENT ORANGE)
	W21-1a (48" x 48") (FLUORESCENT ORANGE)
	TRAFFIC CONTROL SIGN LOCATION
	WORK AREA
	CONE, DRUM, OR BARRICADE
	TYPE III BARRICADE W "ROAD CLOSED" SIGN

MODEL NAME = Stage 1
FILE NAME = H:\P\13018\Microstation\Sheets\0813018-sht-5.dgn

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ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

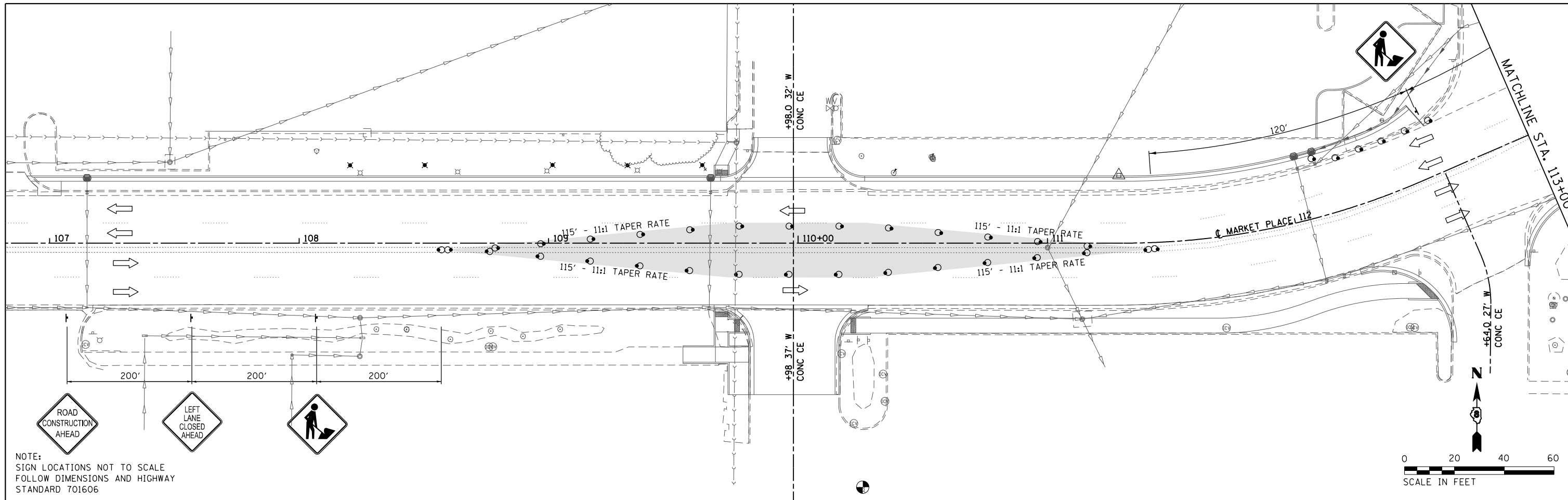
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

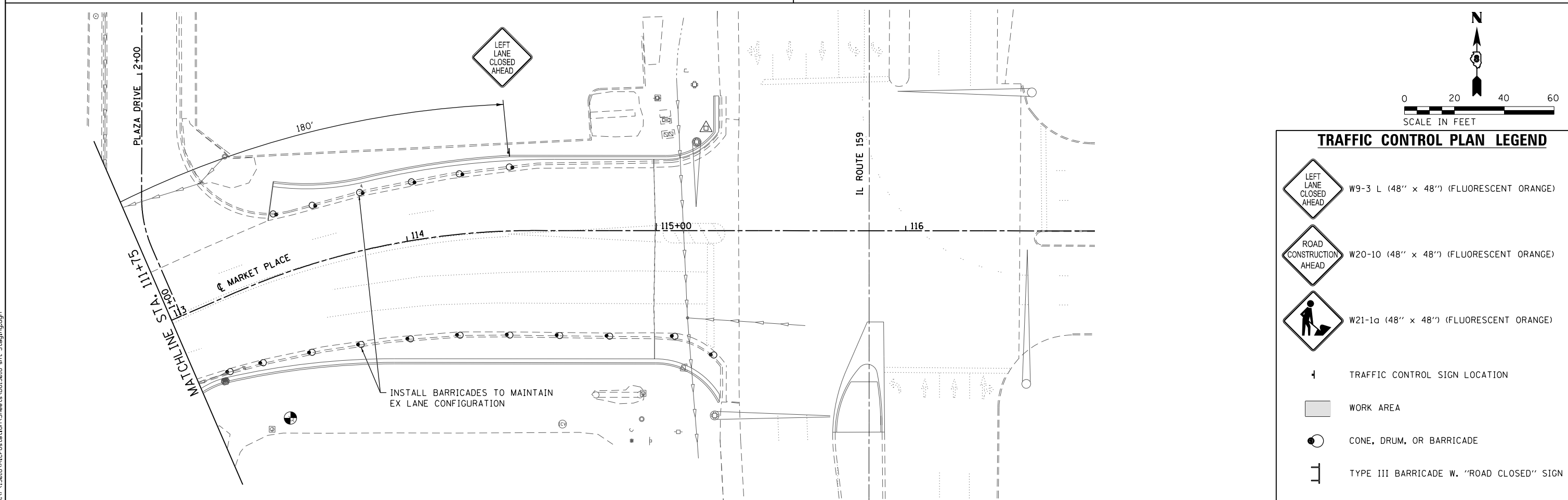
**TRAFFIC CONTROL PLANS
STAGE 1**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST. CLAIR	34	14
MARKET PLACE INTERSECTION		CONTRACT NO. 97663		
ILLINOIS FED. AID PROJECT				



NOTE:
SIGN LOCATIONS NOT TO SCALE
FOLLOW DIMENSIONS AND HIGHWAY
STANDARD 701606



INSTALL BARRICADES TO MAINTAIN
EX LANE CONFIGURATION

TRAFFIC CONTROL PLAN LEGEND	
	W9-3 L (48" x 48") (FLUORESCENT ORANGE)
	W20-10 (48" x 48") (FLUORESCENT ORANGE)
	W21-1a (48" x 48") (FLUORESCENT ORANGE)
	TRAFFIC CONTROL SIGN LOCATION
	WORK AREA
	CONE, DRUM, OR BARRICADE
	TYPE III BARRICADE W. "ROAD CLOSED" SIGN

MODEL NAME = Stage 2
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Consulting Engineers
ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

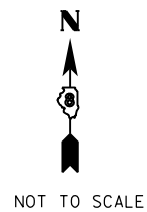
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PLOT DATE = 11/14/2017	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLANS
STAGE 2**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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MARKET PLACE INTERSECTION		CONTRACT NO. 97663		
ILLINOIS FED. AID PROJECT				

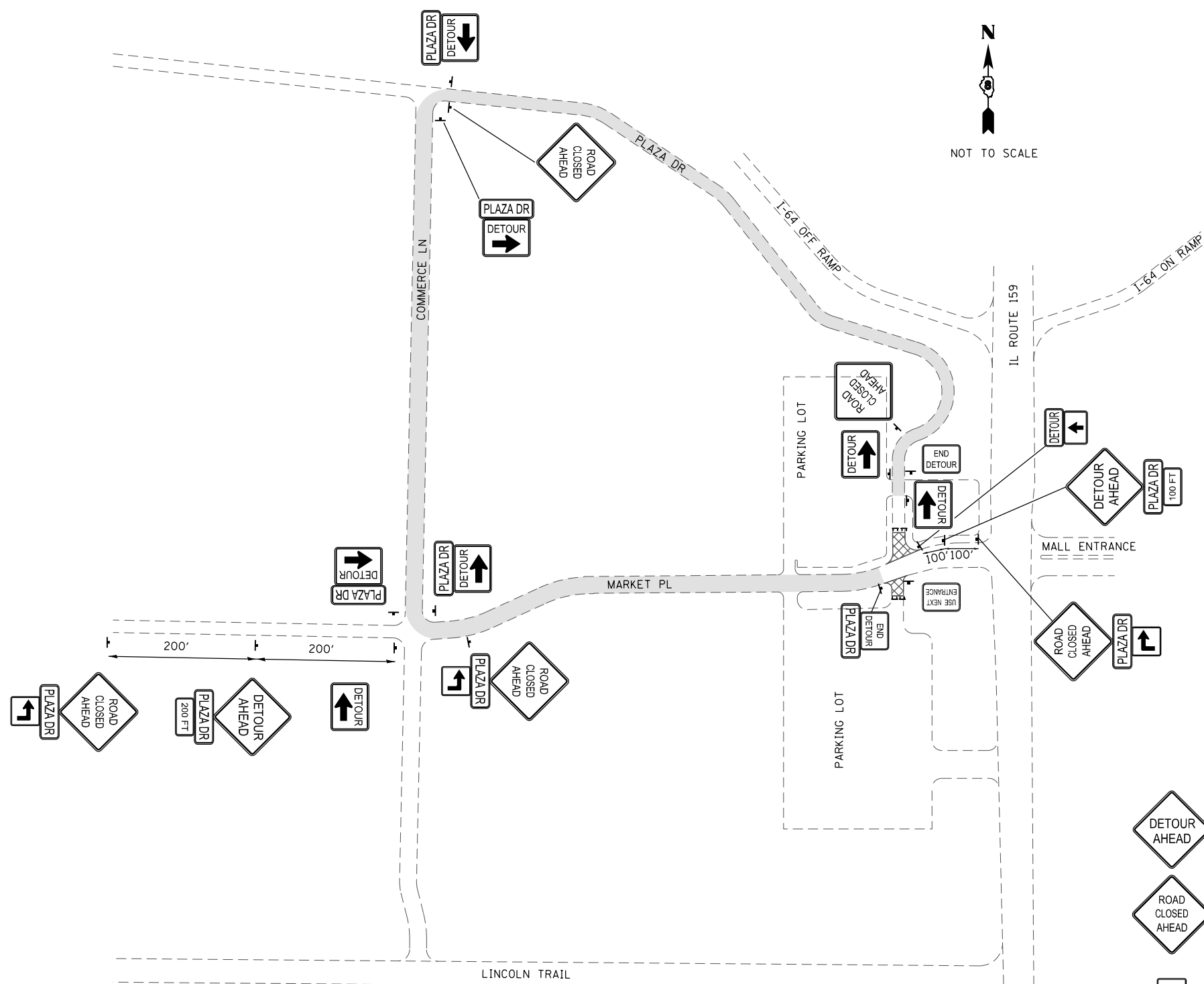


DETOUR TRAFFIC CONTROL NOTES

1. ALL DETOURS SHALL BE ESTABLISHED BEFORE ANY WORK BEGINS ON PLAZA DRIVE OR THE COMMERCIAL ENTRANCE
2. ALL TRAFFIC CONTROL SIGNS, BARRICADES, AND MAINTENANCE TO BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
3. BARRICADES AND SIGNS SHALL BE POSITIONED AS SHOWN, ACCORDING TO HIGHWAY STANDARDS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND AS DIRECTED BY THE ENGINEER.
4. THE EXACT LOCATION OF THE BARRICADES AND SIGNS SHALL BE STAKED IN THE FIELD BY THE CONTRACTOR TWO WORKING DAYS IN ADVANCE OF CONSTRUCTION OPERATIONS FOR APPROVAL BY THE ENGINEER.

DETOUR TRAFFIC CONTROL PLAN LEGEND

	W20-2 (48" x 48") (FLUORESCENT ORANGE)		M4-8a (24" x 18") (FLOURESCENT ORANGE)
	W20-3 (48" x 48") (FLUORESCENT ORANGE)		M6-3 (21" x 15") (FLOURESCENT ORANGE)
	SPECIAL (24" x 24") (FLUORESCENT ORANGE)		W16-2P (24" x 18") (FLOURESCENT ORANGE)
	SPECIAL (24" x 24") (FLUORESCENT ORANGE)		SPECIAL (12" x 18") (FLOURESCENT ORANGE)
	M4-8 (24" x 12") (FLOURESCENT ORANGE)		SPECIAL (30" x 24") (FLOURESCENT ORANGE)
	M4-9L (30" x 24") (FLOURESCENT ORANGE)		TRAFFIC CONTROL SIGN LOCATION
	M4-9R (30" x 24") (FLOURESCENT ORANGE)		TYPE III BARRICADE W "ROAD CLOSED" SIGN
			WORK AREA
			DETOUR ROUTE



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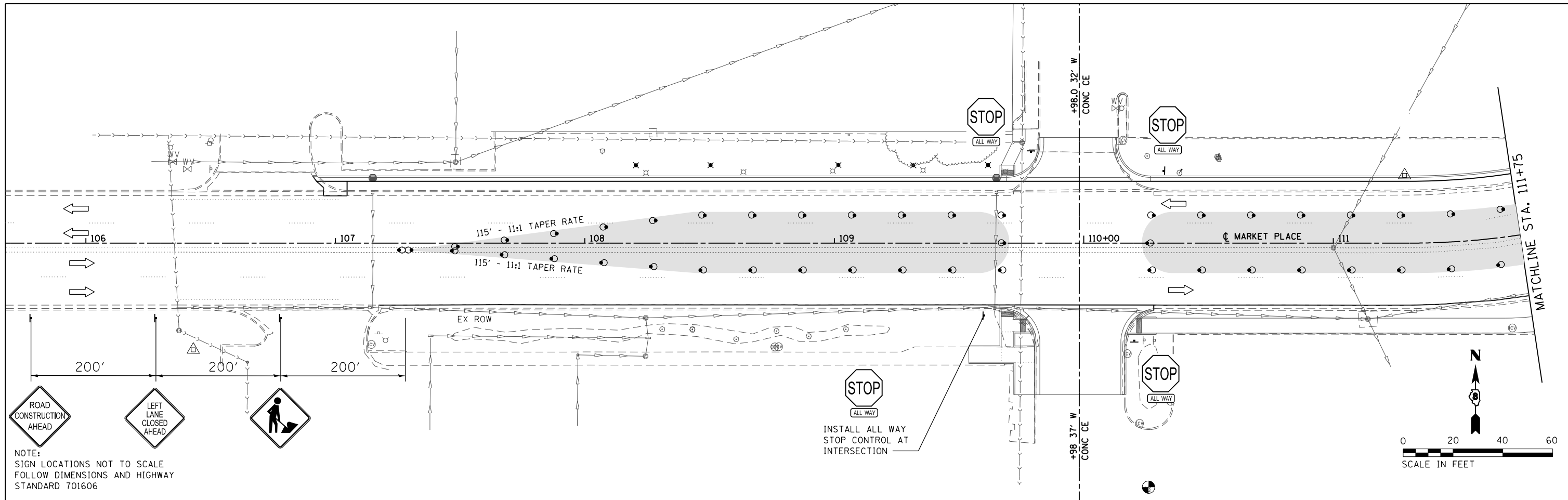
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PLOT DATE = 11/14/2017	CHECKED -	REVISED -
	DATE -	REVISED -

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DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLANS
STAGE 3**

SCALE: NTS SHEET 4 OF 5 SHEETS STA. TO STA.

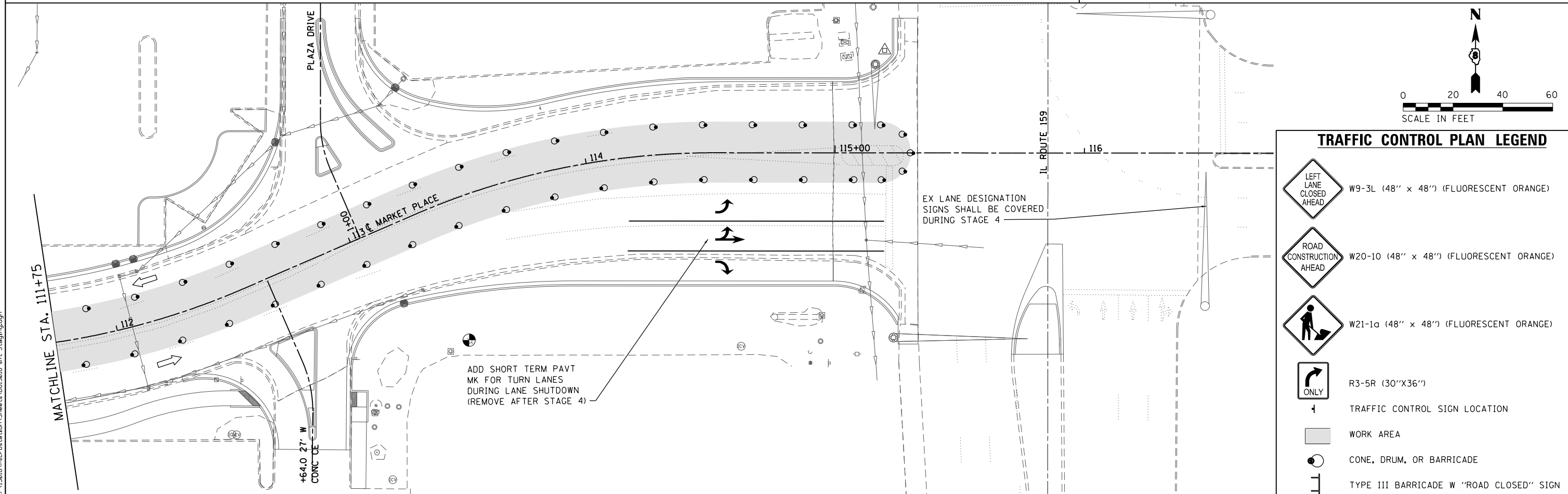
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST. CLAIR	34	16
MARKET PLACE INTERSECTION			CONTRACT NO. 97663	
ILLINOIS FED. AID PROJECT				



NOTE:
SIGN LOCATIONS NOT TO SCALE
FOLLOW DIMENSIONS AND HIGHWAY
STANDARD 701606

INSTALL ALL WAY
STOP CONTROL AT
INTERSECTION

SCALE IN FEET



SCALE IN FEET

TRAFFIC CONTROL PLAN LEGEND	
	W9-3L (48" x 48") (FLUORESCENT ORANGE)
	W20-10 (48" x 48") (FLUORESCENT ORANGE)
	W21-1a (48" x 48") (FLUORESCENT ORANGE)
	R3-5R (30"X36")
	TRAFFIC CONTROL SIGN LOCATION
	WORK AREA
	CONE, DRUM, OR BARRICADE
	TYPE III BARRICADE W "ROAD CLOSED" SIGN

MODEL NAME = Stage 4
FILE NAME = H:\P\13018\Microstation\Sheets\0813018-sh4-Stage4.dgn

OATES ASSOCIATES
Consulting Engineers
ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

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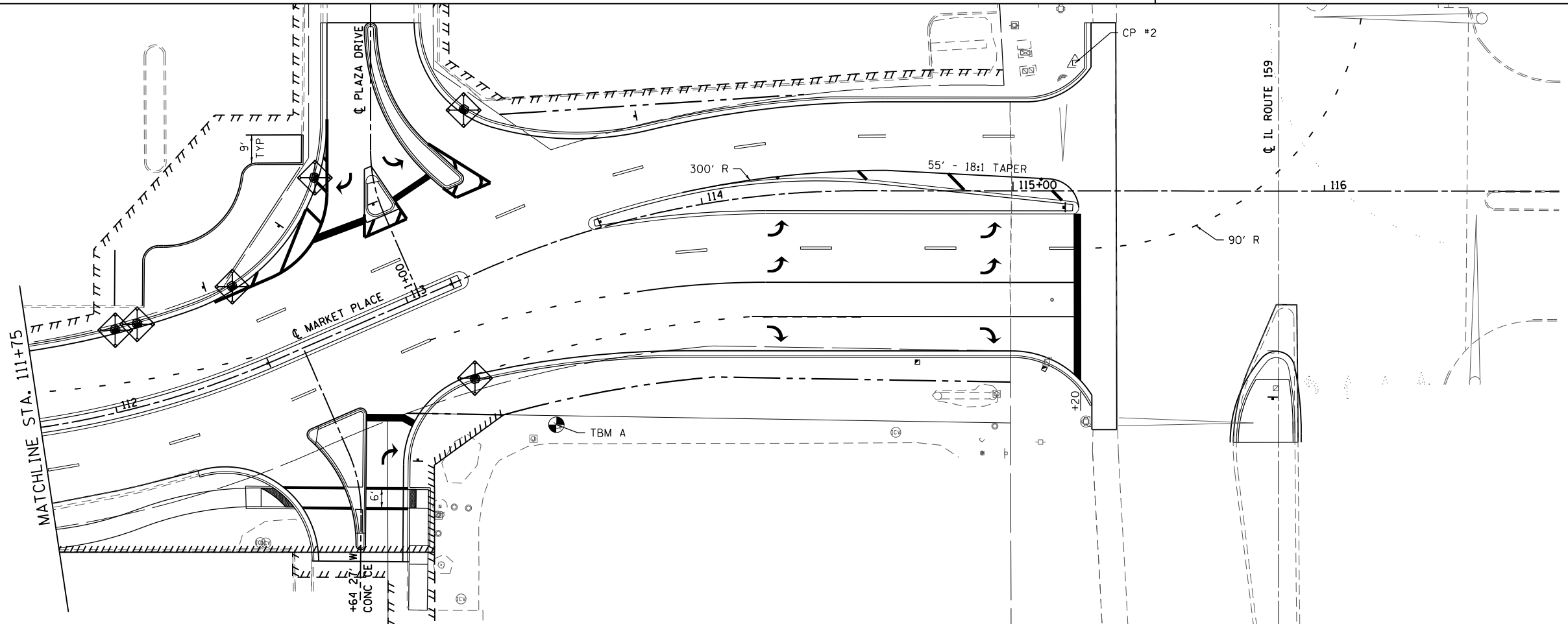
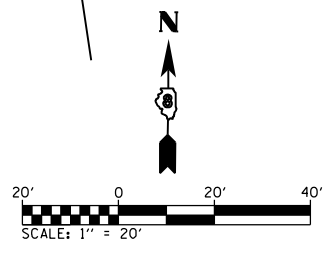
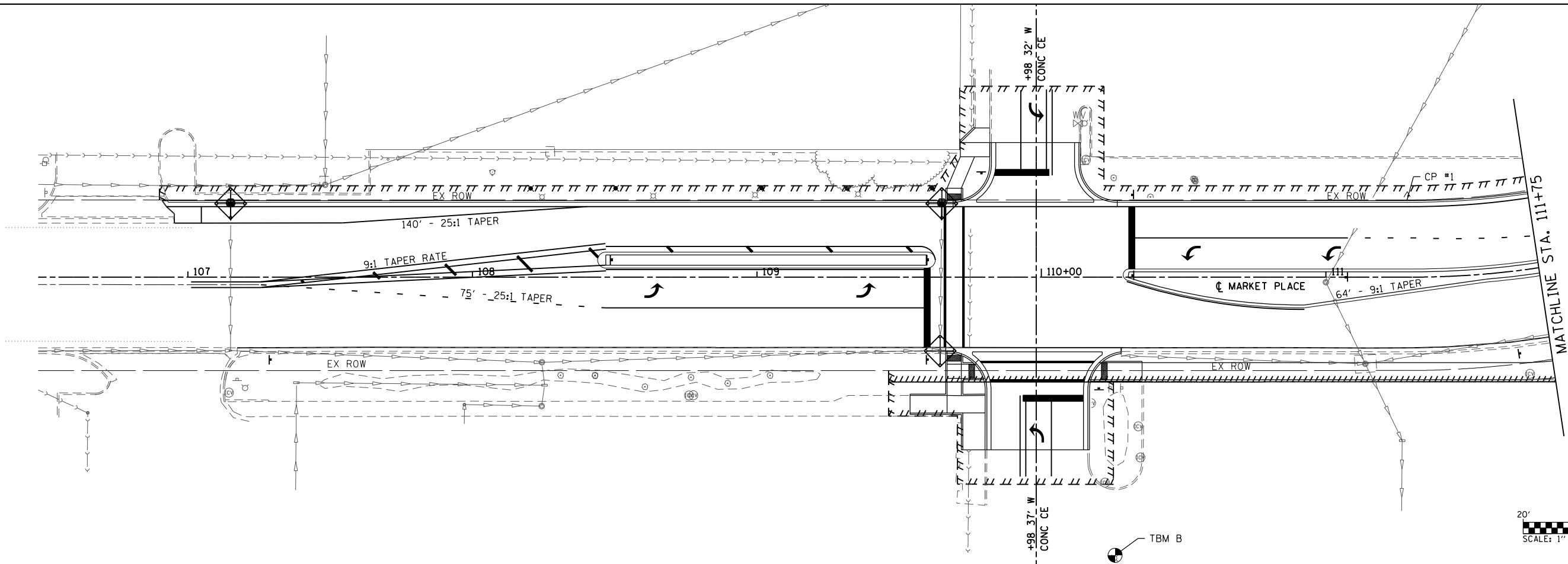
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLANS
STAGE 4**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST. CLAIR	34	17
MARKET PLACE INTERSECTION		CONTRACT NO. 97663		
ILLINOIS FED. AID PROJECT				

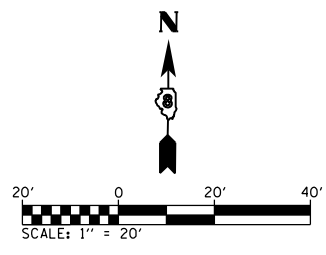
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PLAN LEGEND

◊ INLET AND PIPE PROTECTION & INLET FILTER

NOTE: ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER



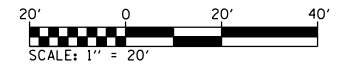
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	DATE -	REVISED -

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DEPARTMENT OF TRANSPORTATION**

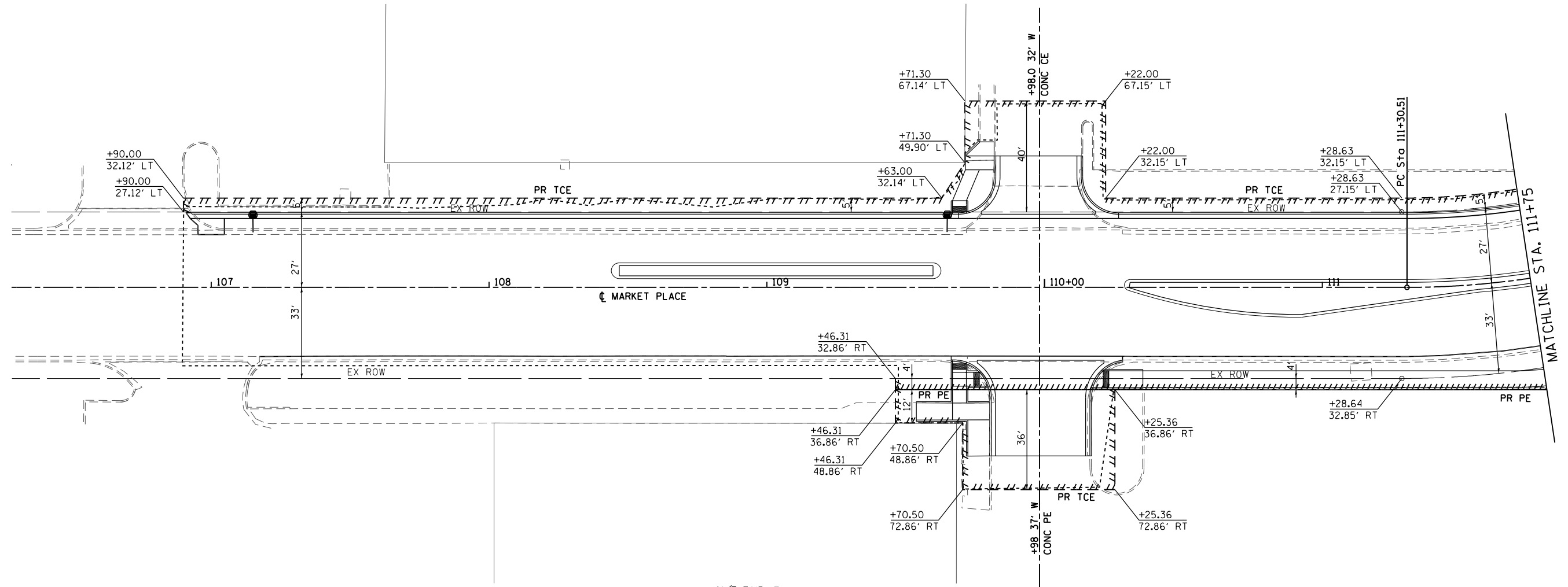
EROSION CONTROL PLAN

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

F.A.U. RTE. 9326	SECTION 14-00042-00-PV	COUNTY ST. CLAIR	TOTAL SHEETS 34	SHEET NO. 18
MARKET PLACE INTERSECTION		CONTRACT NO. 97663		
ILLINOIS FED. AID PROJECT				



N/F PACE-64 ASSOCIATES, LLC
 03-28.0-206-001
 DB 3262 PG 1984
 T40697 PARCELS 1 & 4



N/F FAIRVIEW HEIGHTS 881 FEE, LLC
 03-28.0-204-008
 DOC A02287156
 T40692

LOT 1

MINOR SUBDIVISION OF FAIRVIEW HEIGHTS MARKET PLACE ADDITION
 DOC A02286211

RIGHT OF WAY LEGEND

- EXISTING RIGHT OF WAY LINE
- - - - PROPOSED RIGHT OF WAY LINE
- ////// PROPOSED PERMANENT EASEMENT LINE
- ||||| PROPOSED TEMPORARY CONSTRUCTION EASEMENT LINE
- PROPERTY LINE
- SAME OWNERSHIP
- - - - LIMITS OF CONSTRUCTION

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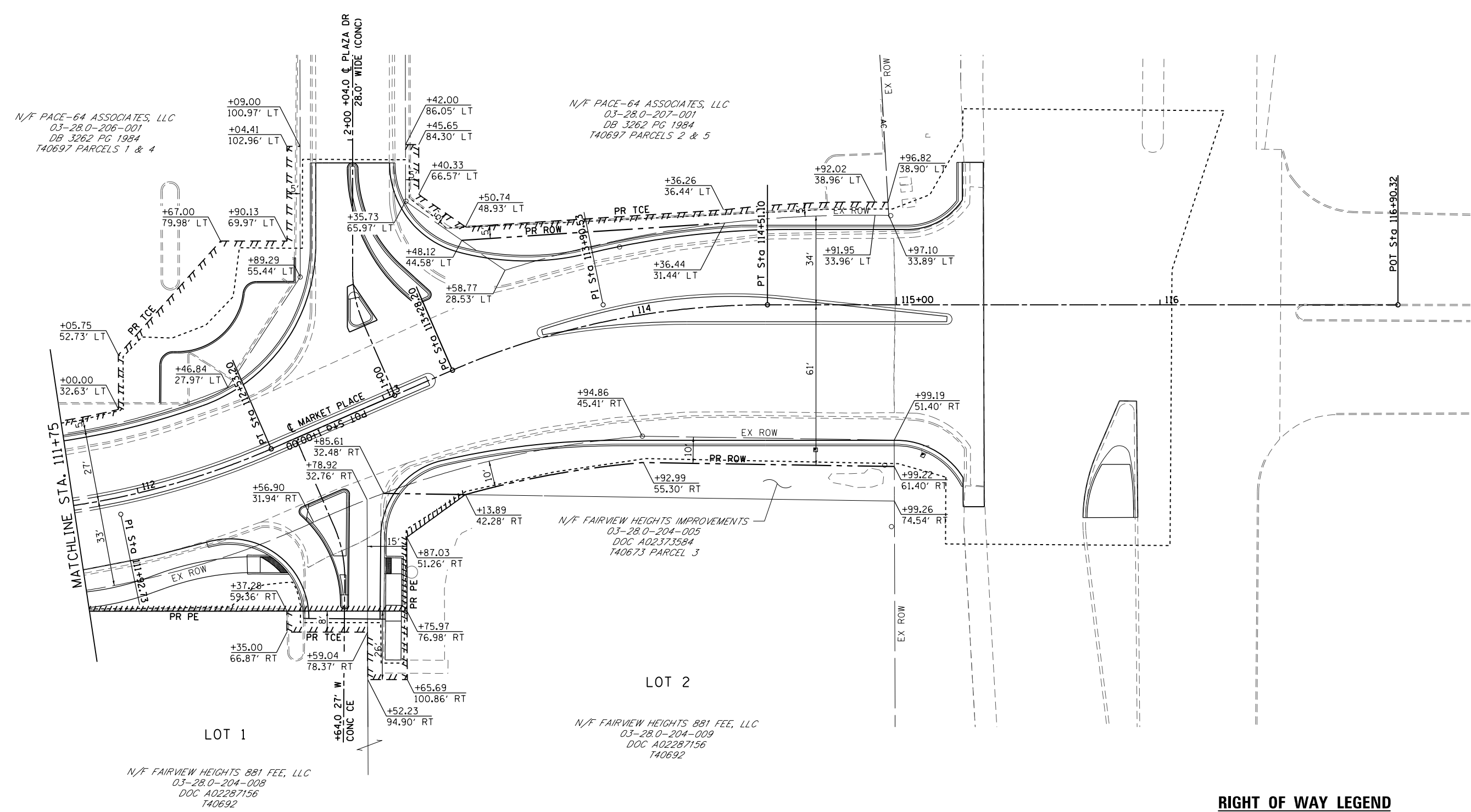
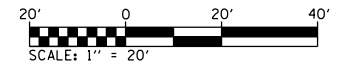
OATES ASSOCIATES
 Engineering + Architecture
 ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

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PLOT DATE = 11/14/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RIGHT OF WAY PLAN SHEETS			
SCALE: 1"=20'	SHEET 1	OF 2 SHEETS	STA. 107+00 TO STA. 111+75

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST. CLAIR	34	19
MARKET PLACE INTERSECTION			CONTRACT NO. 97663	
ILLINOIS FED. AID PROJECT				



MINOR SUBDIVISION OF FAIRVIEW HEIGHTS MARKET PLACE ADDITION
DOC A02286211

RIGHT OF WAY LEGEND

- EXISTING RIGHT OF WAY LINE
- - - - PROPOSED RIGHT OF WAY LINE
- ||||| PROPOSED PERMANENT EASEMENT LINE
- TTTTT PROPOSED TEMPORARY CONSTRUCTION EASEMENT LINE
- PROPERTY LINE
- SAME OWNERSHIP
- - - - LIMITS OF CONSTRUCTION

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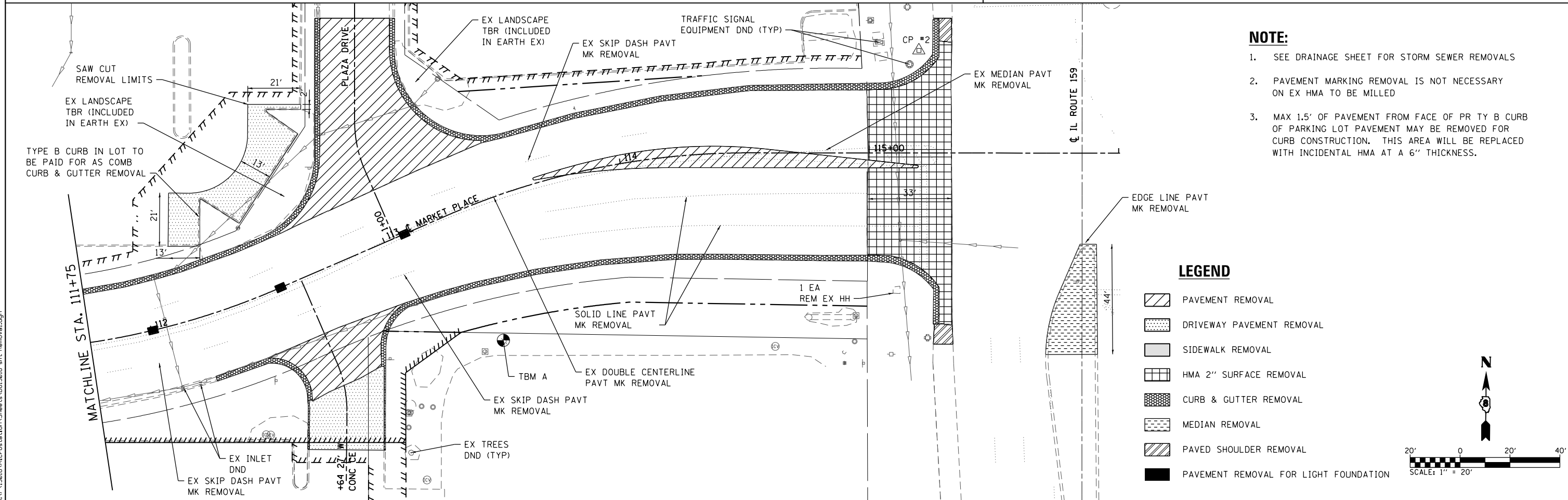
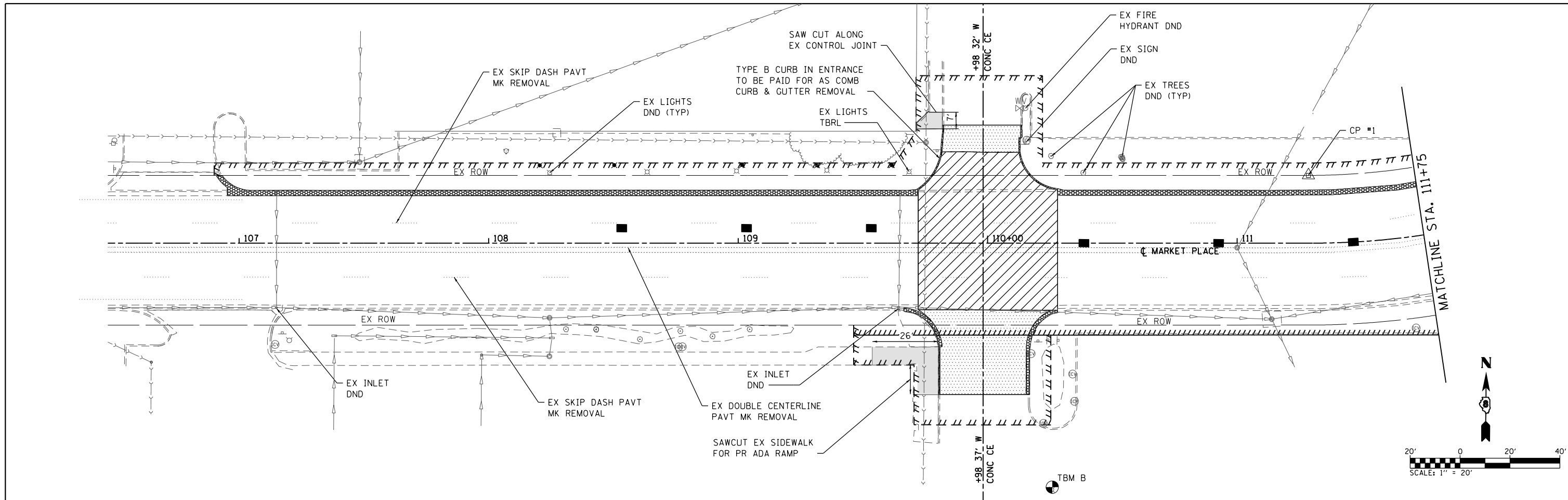
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PLOT DATE = 11/14/2017	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RIGHT OF WAY PLAN SHEETS

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. 111+75 TO STA. 116+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST CLAIR	34	20
MARKET PLACE INTERSECTION		CONTRACT NO. 97663		
ILLINOIS FED. AID PROJECT				



- NOTE:**
- SEE DRAINAGE SHEET FOR STORM SEWER REMOVALS
 - PAVEMENT MARKING REMOVAL IS NOT NECESSARY ON EX HMA TO BE MILLED
 - MAX 1.5' OF PAVEMENT FROM FACE OF PR TY B CURB OF PARKING LOT PAVEMENT MAY BE REMOVED FOR CURB CONSTRUCTION. THIS AREA WILL BE REPLACED WITH INCIDENTAL HMA AT A 6" THICKNESS.

LEGEND

- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- HMA 2" SURFACE REMOVAL
- CURB & GUTTER REMOVAL
- MEDIAN REMOVAL
- PAVED SHOULDER REMOVAL
- PAVEMENT REMOVAL FOR LIGHT FOUNDATION

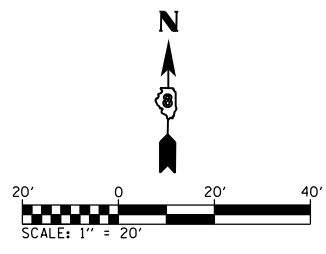
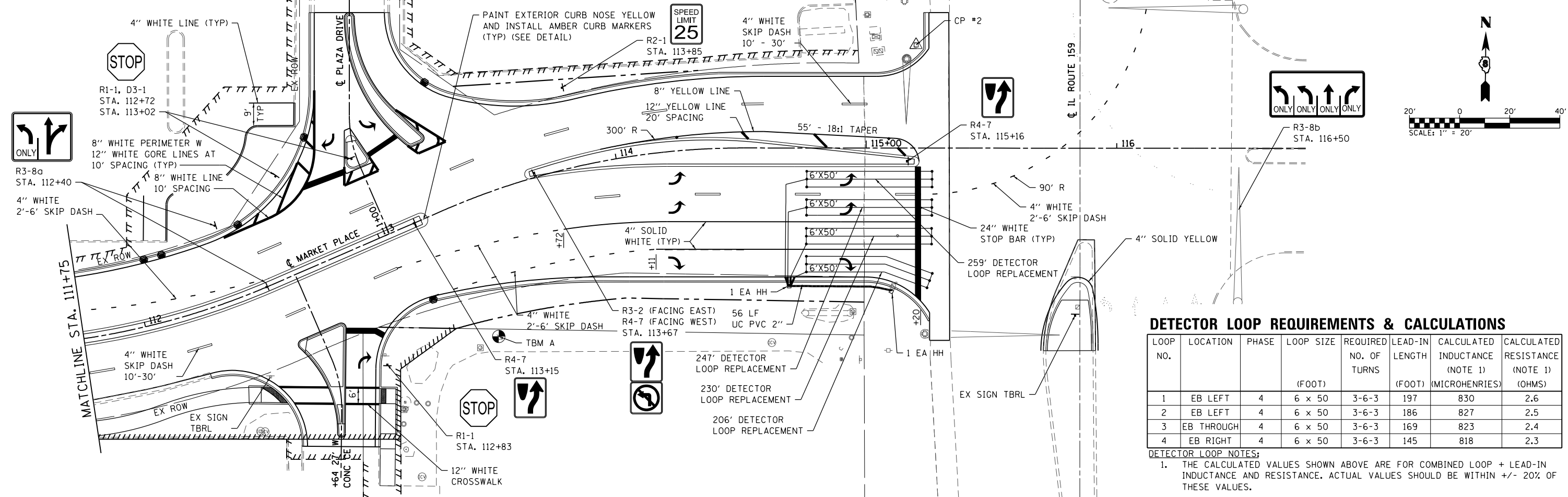
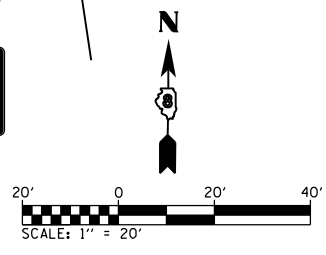
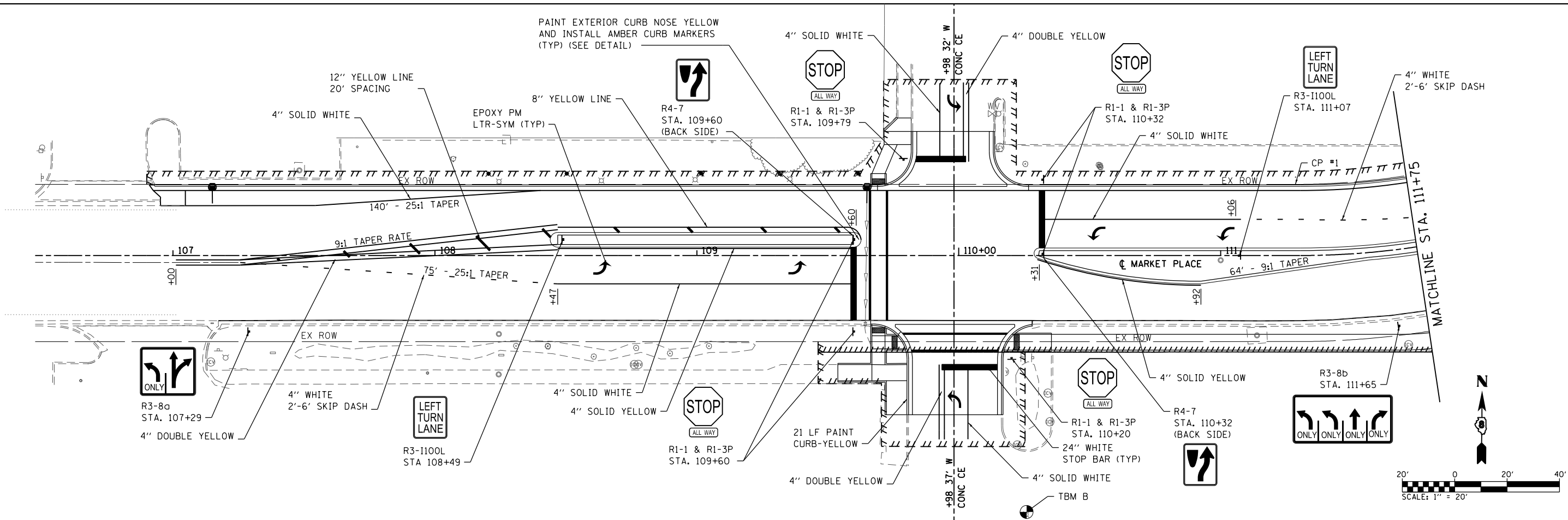
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	PLOT DATE = 11/14/2017	CHECKED -	REVISED -
		DATE -	REVISED -

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DEPARTMENT OF TRANSPORTATION**

REMOVAL SHEET

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST. CLAIR	34	21
MARKET PLACE INTERSECTION			CONTRACT NO. 97663	
ILLINOIS FED. AID PROJECT				

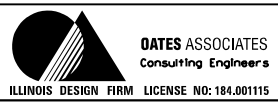


DETECTOR LOOP REQUIREMENTS & CALCULATIONS

LOOP NO.	LOCATION	PHASE	LOOP SIZE (FOOT)	REQUIRED NO. OF TURNS	LEAD-IN LENGTH (FOOT)	CALCULATED INDUCTANCE (NOTE 1) (MICROHENRIES)	CALCULATED RESISTANCE (NOTE 1) (OHMS)
1	EB LEFT	4	6 x 50	3-6-3	197	830	2.6
2	EB LEFT	4	6 x 50	3-6-3	186	827	2.5
3	EB THROUGH	4	6 x 50	3-6-3	169	823	2.4
4	EB RIGHT	4	6 x 50	3-6-3	145	818	2.3

DETECTOR LOOP NOTES:
 1. THE CALCULATED VALUES SHOWN ABOVE ARE FOR COMBINED LOOP + LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

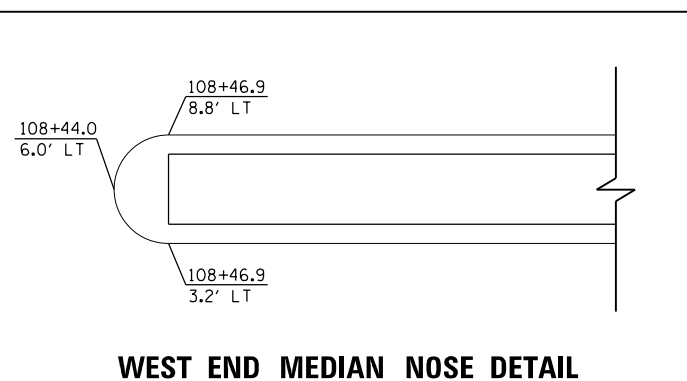
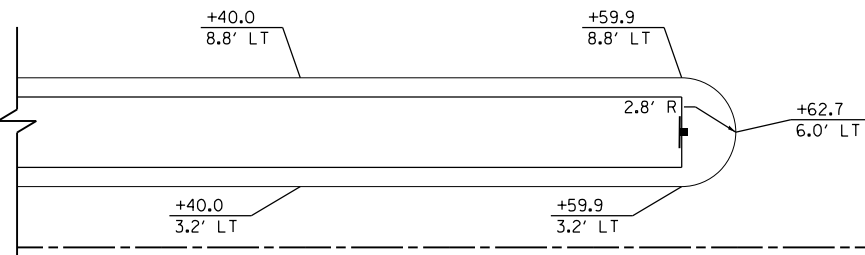
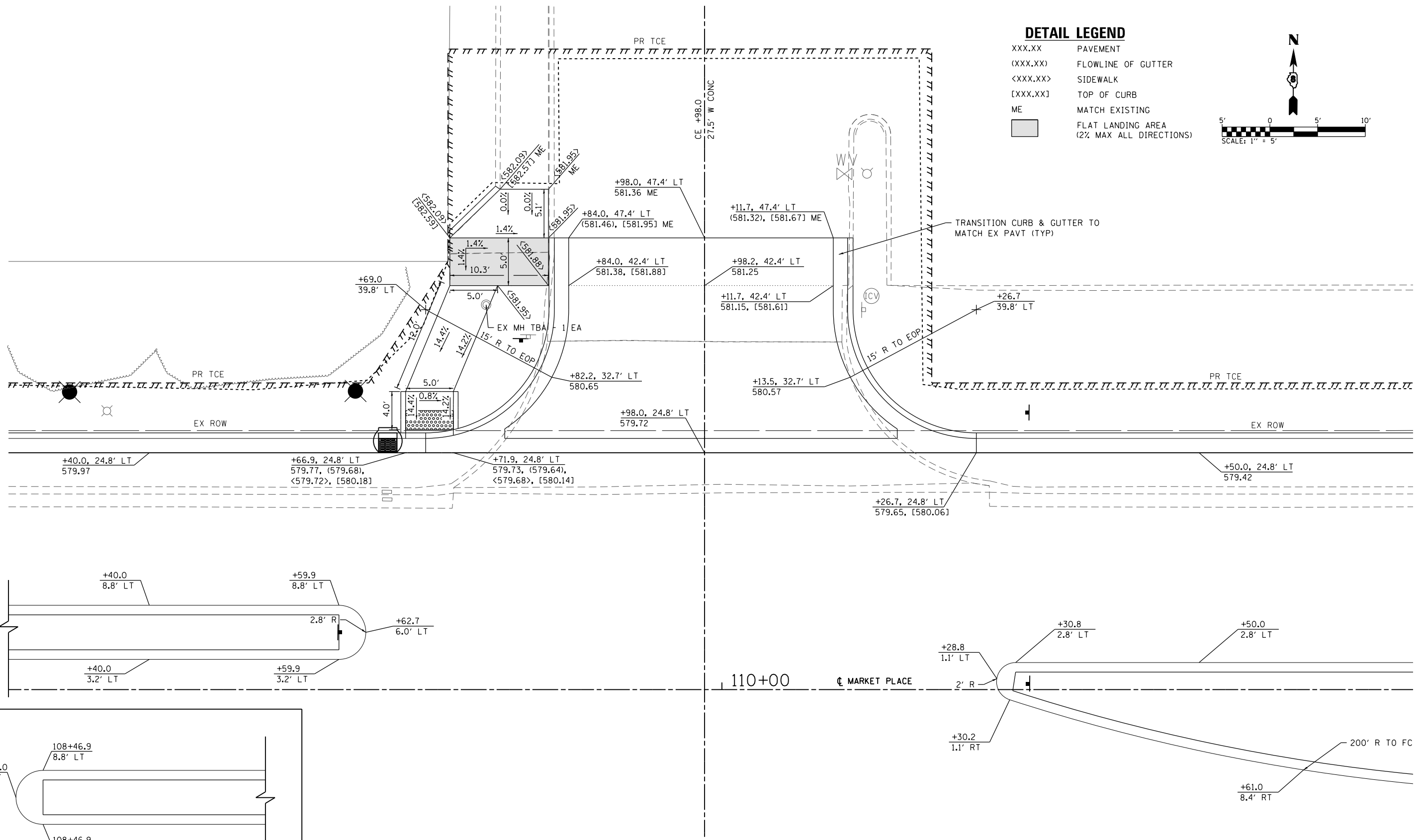
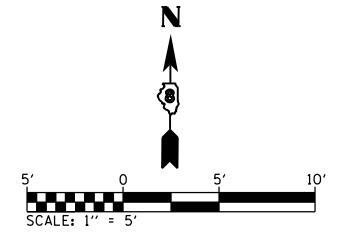
PAVEMENT MARKING & SIGNING SHEET

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST. CLAIR	34	22
MARKET PLACE INTERSECTION		CONTRACT NO. 97663		
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)



**INTERSECTION LAYOUT
MARKET PLACE WITH CE 109+98 LT**

MODEL NAME = 98.0 NORTH
 FILE NAME = H:\P\13018\Microstation\Sheets\0813018-sht-Int_Details.dgn

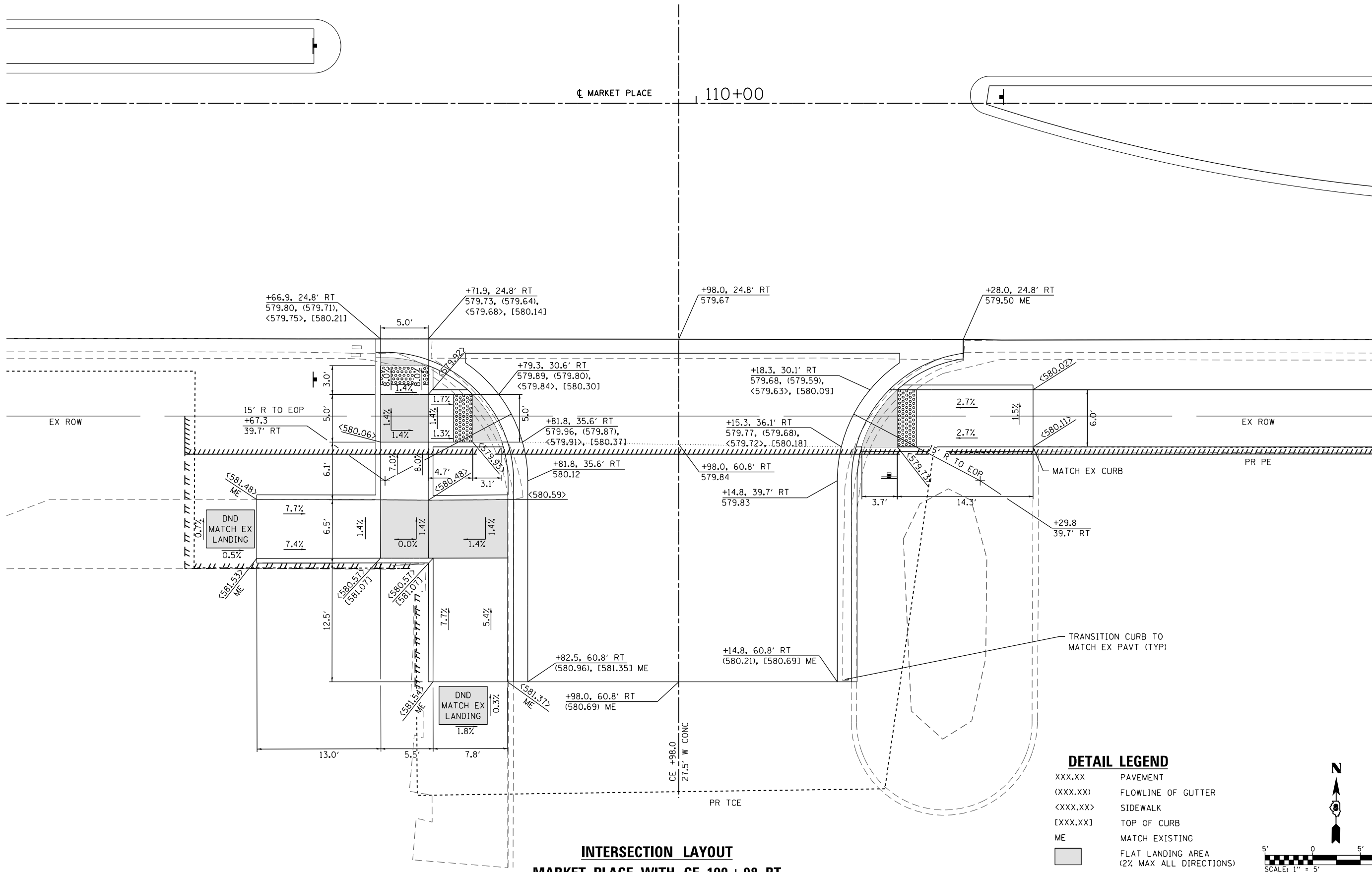


USER NAME = brandon.rotermann	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 11/14/2017	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

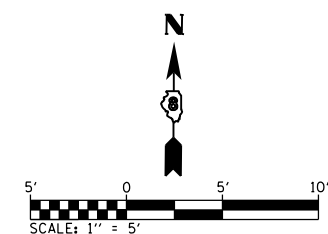
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST. CLAIR	34	25
MARKET PLACE INTERSECTION			CONTRACT NO. 97663	
ILLINOIS FED. AID PROJECT				



**INTERSECTION LAYOUT
MARKET PLACE WITH CE 109+98 RT**

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 NAME = 98.0 SOUTH
 FILE NAME = H:\P\13018\Microstation\Sheets\0813018-plt_Details.dgn



USER NAME = brandon.ratermann	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 11/14/2017	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

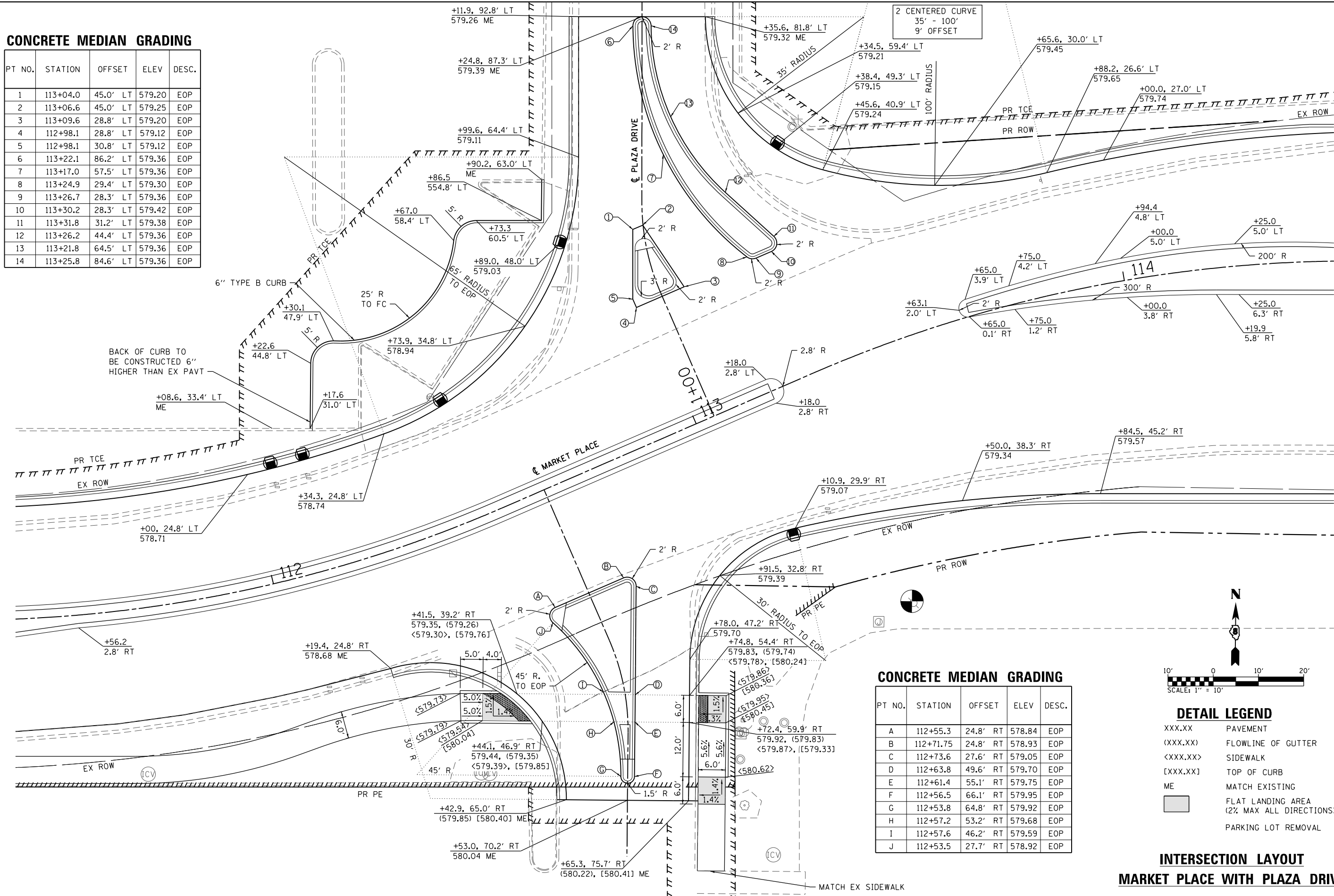
INTERSECTION DETAILS

SCALE: 1" = 5' SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST. CLAIR	34	26
MARKET PLACE INTERSECTION			CONTRACT NO. 97663	
ILLINOIS FED. AID PROJECT				

CONCRETE MEDIAN GRADING

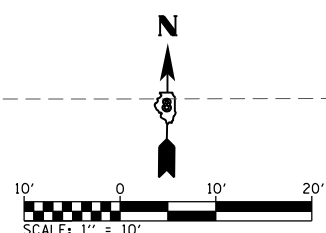
PT NO.	STATION	OFFSET	ELEV.	DESC.
1	113+04.0	45.0' LT	579.20	EOP
2	113+06.6	45.0' LT	579.25	EOP
3	113+09.6	28.8' LT	579.20	EOP
4	112+98.1	28.8' LT	579.12	EOP
5	112+98.1	30.8' LT	579.12	EOP
6	113+22.1	86.2' LT	579.36	EOP
7	113+17.0	57.5' LT	579.36	EOP
8	113+24.9	29.4' LT	579.30	EOP
9	113+26.7	28.3' LT	579.36	EOP
10	113+30.2	28.3' LT	579.42	EOP
11	113+31.8	31.2' LT	579.38	EOP
12	113+26.2	44.4' LT	579.36	EOP
13	113+21.8	64.5' LT	579.36	EOP
14	113+25.8	84.6' LT	579.36	EOP



BACK OF CURB TO BE CONSTRUCTED 6" HIGHER THAN EX PAVT

CONCRETE MEDIAN GRADING

PT NO.	STATION	OFFSET	ELEV.	DESC.
A	112+55.3	24.8' RT	578.84	EOP
B	112+71.75	24.8' RT	578.93	EOP
C	112+73.6	27.6' RT	579.05	EOP
D	112+63.8	49.6' RT	579.70	EOP
E	112+61.4	55.1' RT	579.75	EOP
F	112+56.5	66.1' RT	579.95	EOP
G	112+53.8	64.8' RT	579.92	EOP
H	112+57.2	53.2' RT	579.68	EOP
I	112+57.6	46.2' RT	579.59	EOP
J	112+53.5	27.7' RT	578.92	EOP



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)
- PARKING LOT REMOVAL

**INTERSECTION LAYOUT
MARKET PLACE WITH PLAZA DRIVE**

MODEL NAME = Plaza North
FILE NAME = H:\P\13018\Microstation\Sheets\0813018-01-Int_Details.dgn



USER NAME = brandon.rotermann
DESIGNED -
DRAWN -
PLOT SCALE = 20.0000' / in.
CHECKED -
DATE = 11/14/2017

DESIGNED -
DRAWN -
CHECKED -
DATE -

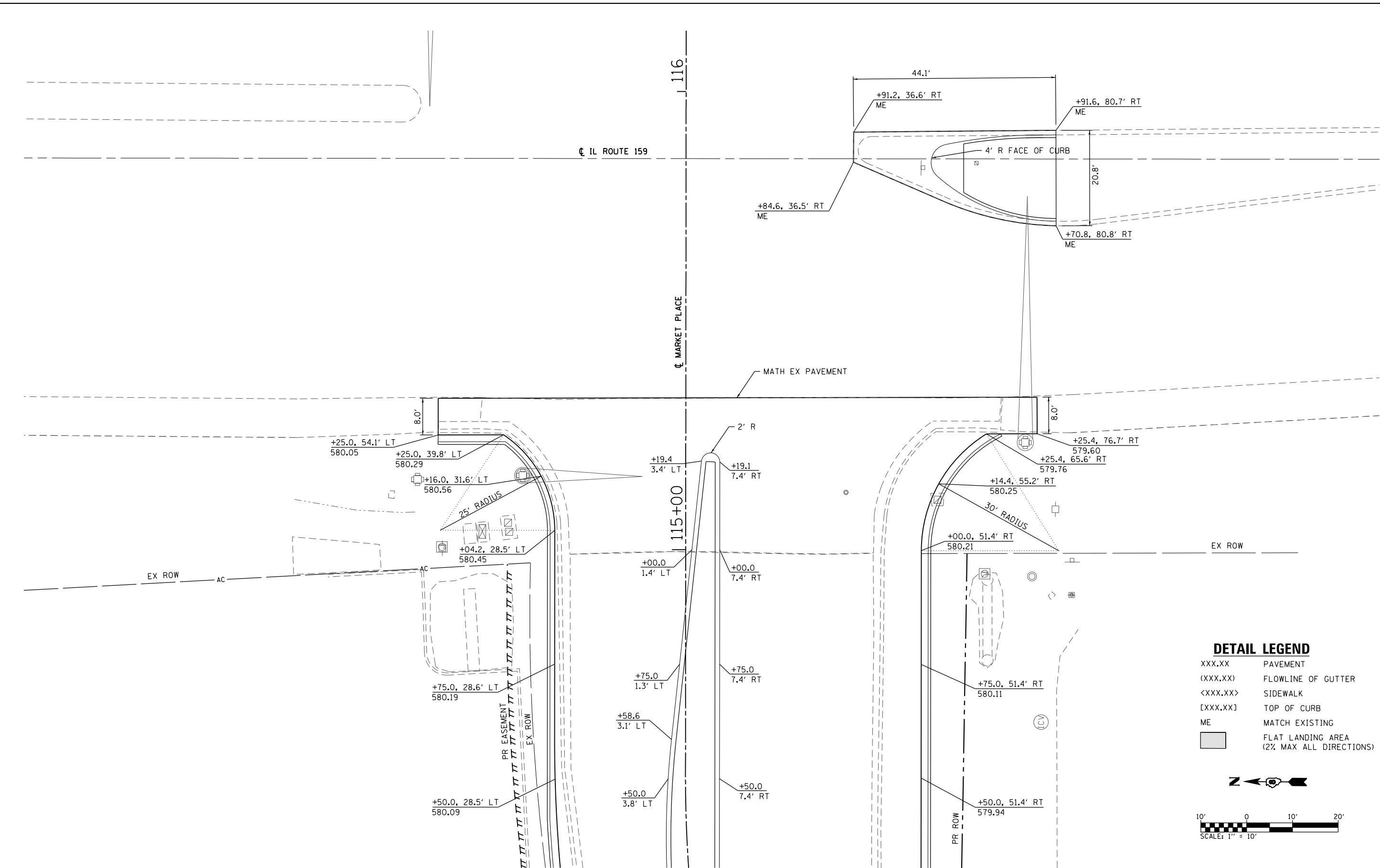
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAILS
SCALE: 1" = 5'
SHEET 3 OF 4 SHEETS
STA. TO STA.

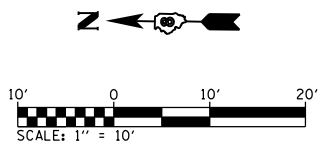
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST. CLAIR	34	27
MARKET PLACE INTERSECTION		CONTRACT NO. 97663		
ILLINOIS FED. AID PROJECT				

MODEL NAME = IL Route 159
 FILE NAME = H:\P\13018\Microstation\Sheets\0613018-sht-Int_Details.dgn

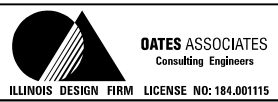


DETAIL LEGEND

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)



**INTERSECTION LAYOUT
 MARKET PLACE WITH IL ROUTE 159**

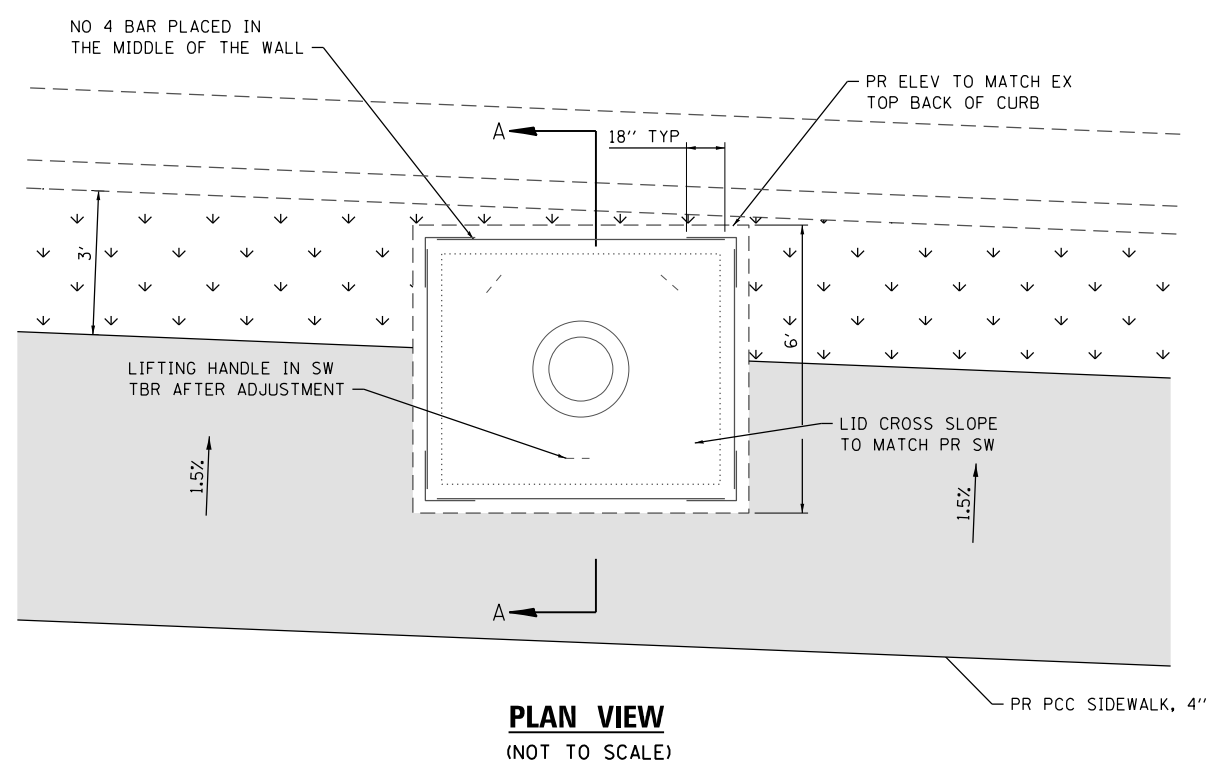
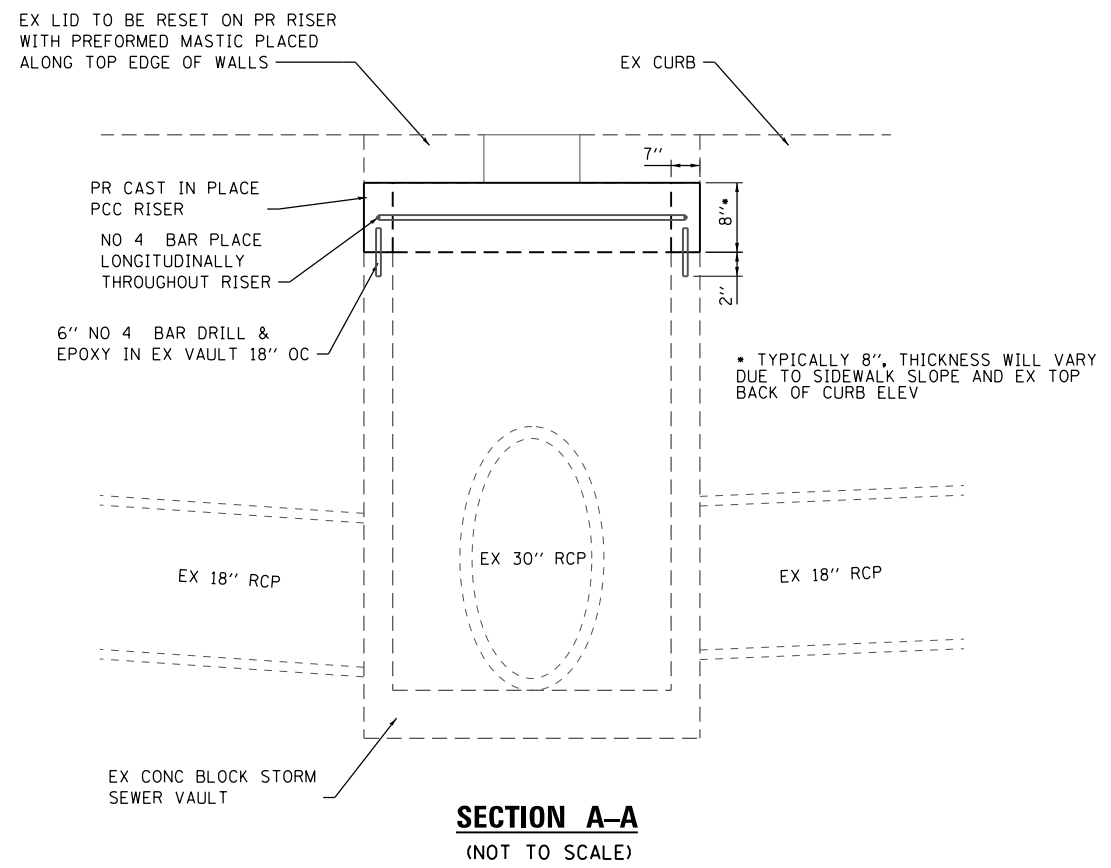


USER NAME = brandon.rotermann	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/14/2017	CHECKED -	REVISED -
	DATE -	REVISED -

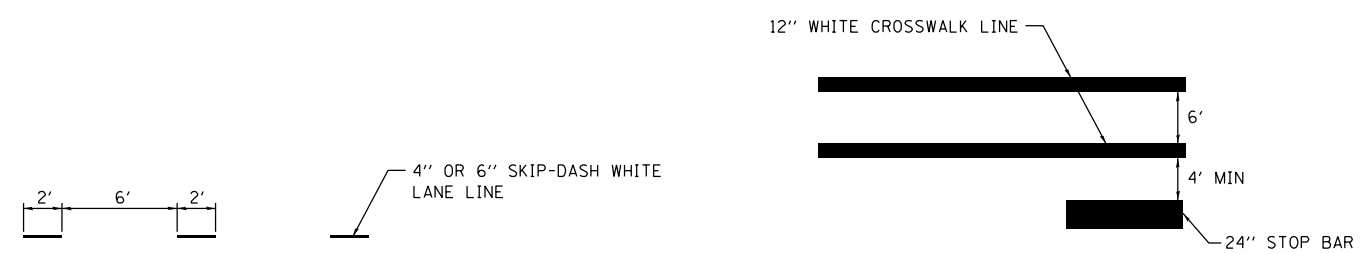
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

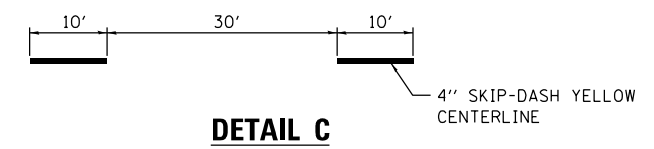
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST. CLAIR	34	28
MARKET PLACE INTERSECTION			CONTRACT NO. 97663	
ILLINOIS FED. AID PROJECT				



**DRAINAGE STRUCTURE
ADJUSTMENT DETAIL**
(STA 111+14 RT)

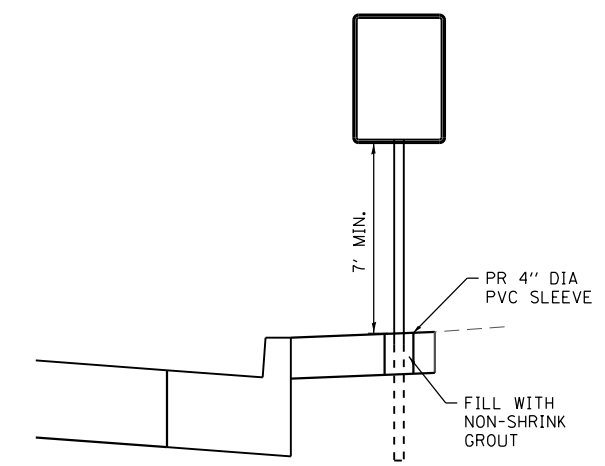


DETAIL A **DETAIL B**



DETAIL C

PAVEMENT MARKING DETAILS
(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

MODEL NAME = Default
 FILE NAME = H:\P\13018\Microstation\Sheets\0813018-sh1-Details.dgn

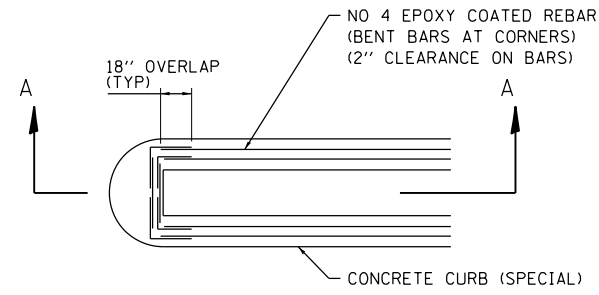


USER NAME = brandon.ratermann	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/14/2017	CHECKED -	REVISED -
	DATE -	REVISED -

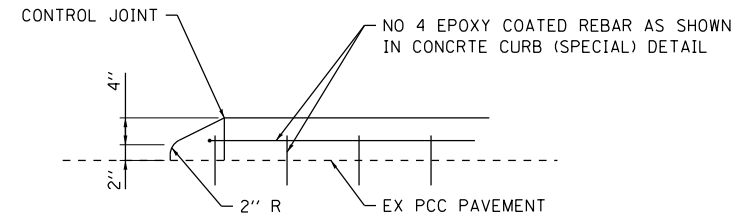
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST. CLAIR	34	29
MARKET PLACE INTERSECTION			CONTRACT NO. 97663	
ILLINOIS FED. AID PROJECT				

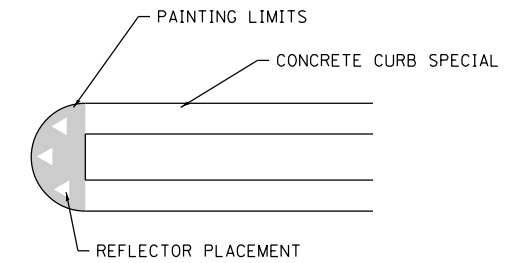


PLAN VIEW
(NOT TO SCALE)

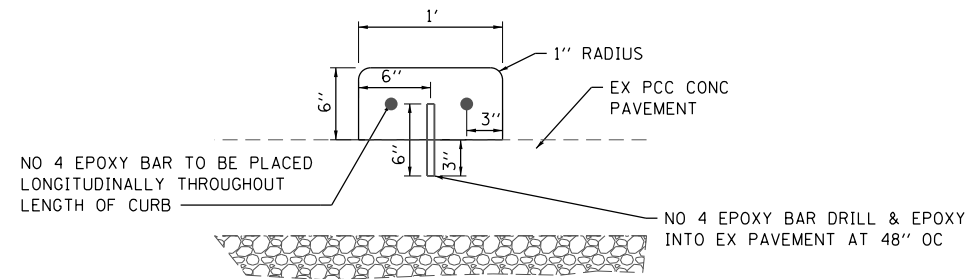


SECTION A-A
(NOT TO SCALE)

RAMPED MEDIAN NOSE DETAIL
(FOR CONCRETE CURB SPECIAL)

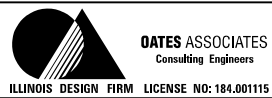


PAINTED CURB & CURB REFLECTORS DETAIL
(FOR CONCRETE CURB SPECIAL)
(NOT TO SCALE)



CONCRETE CURB SPECIAL DETAIL
(NOT TO SCALE)

MODEL NAME = Default
FILE NAME = H:\P\13018\Microstation\Sheets\0613018-sh1-Details.dgn



USER NAME = brandon.ratermann	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/14/2017	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

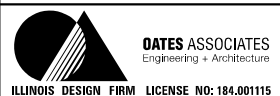
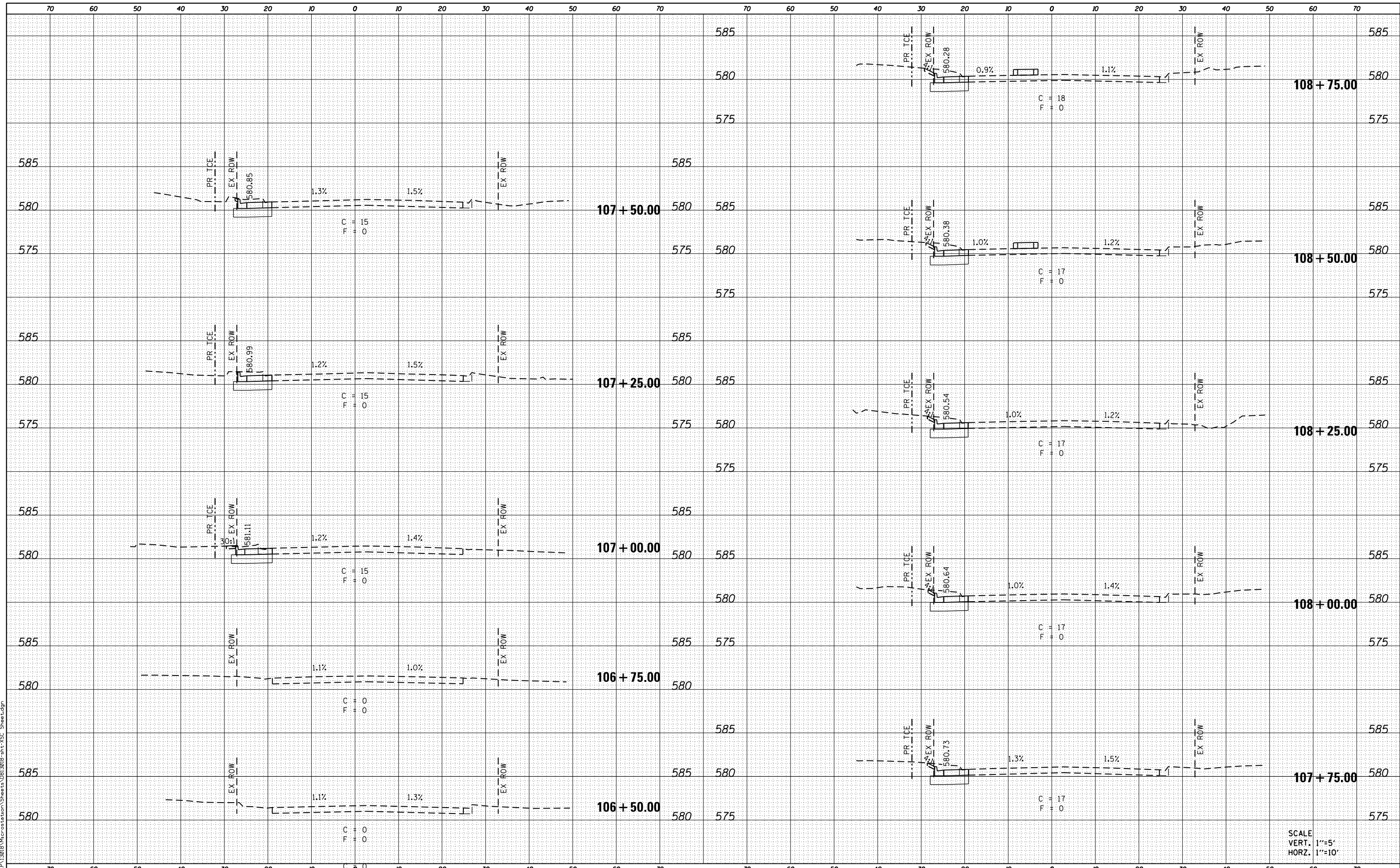
CONSTRUCTION DETAILS	
SCALE: NTS	SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST. CLAIR	34	30
MARKET PLACE INTERSECTION			CONTRACT NO. 97663	
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

FILE NAME = H:\P\13018\13018\13018\13018.dwg



USER NAME = brandon.rosemann	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/14/2017	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS		
SCALE:	SHEET 1 OF 4 SHEETS	STA. 106+50.00 TO STA. 108+75.00

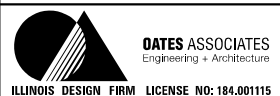
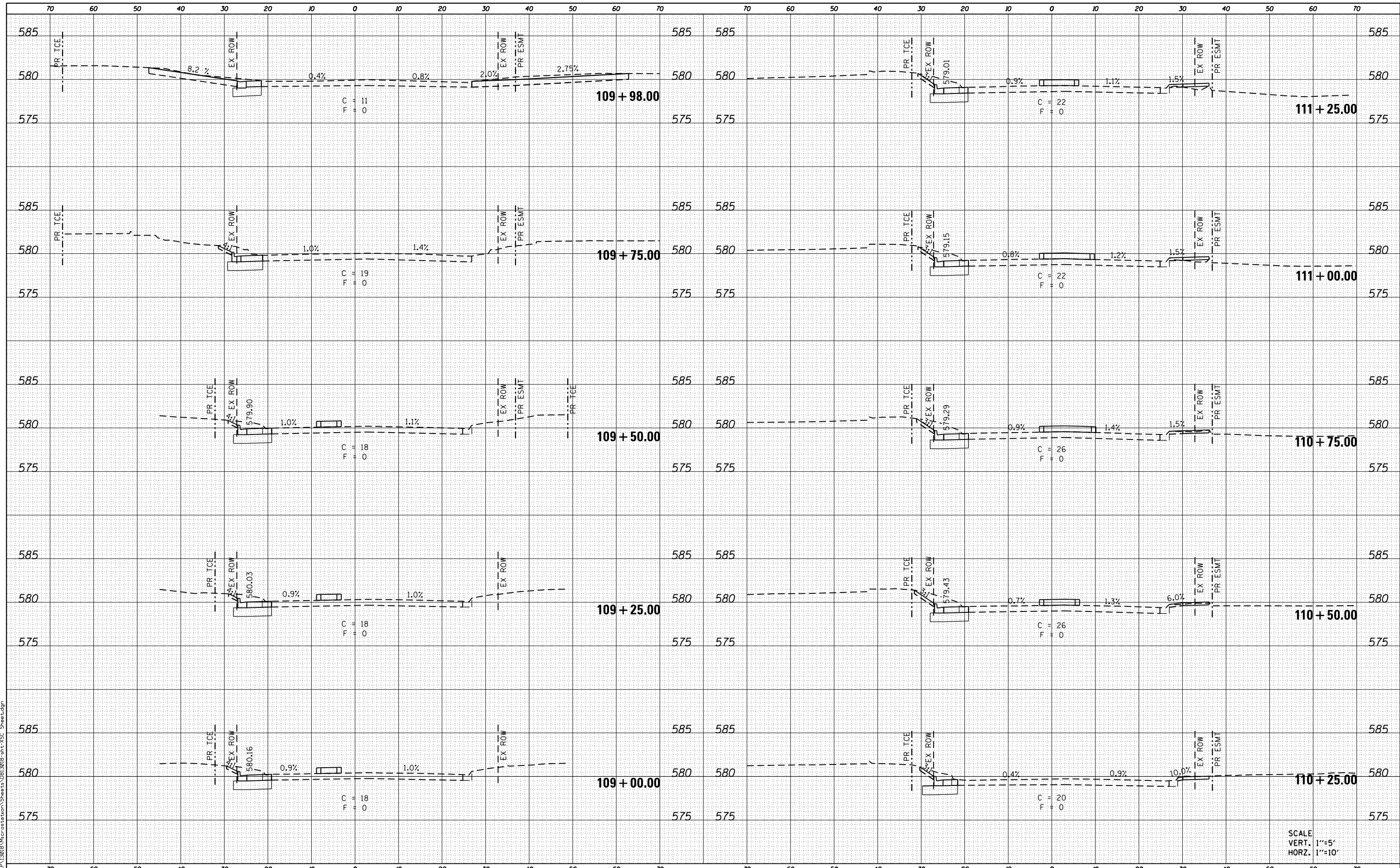
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST CLAIR	34	31
MARKET PLACE INTERSECTION		CONTRACT NO. 97663		
ILLINOIS FED. AID PROJECT				

SCALE
VERT. 1"=5'
HORZ. 1"=10'

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

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

FILE NAME = H:\P\13018\Information\Sheets\0313018-INT-15C_Sheet.dgn



USER NAME = brandon.rosemann
DESIGNED -
DRAWN -
PLOT SCALE = 20.0000' / in.
CHECKED -
REVISIED -
PLOT DATE = 11/14/2017
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: SHEET 2 OF 4 SHEETS STA. 109+00.00 TO STA. 111+25.00

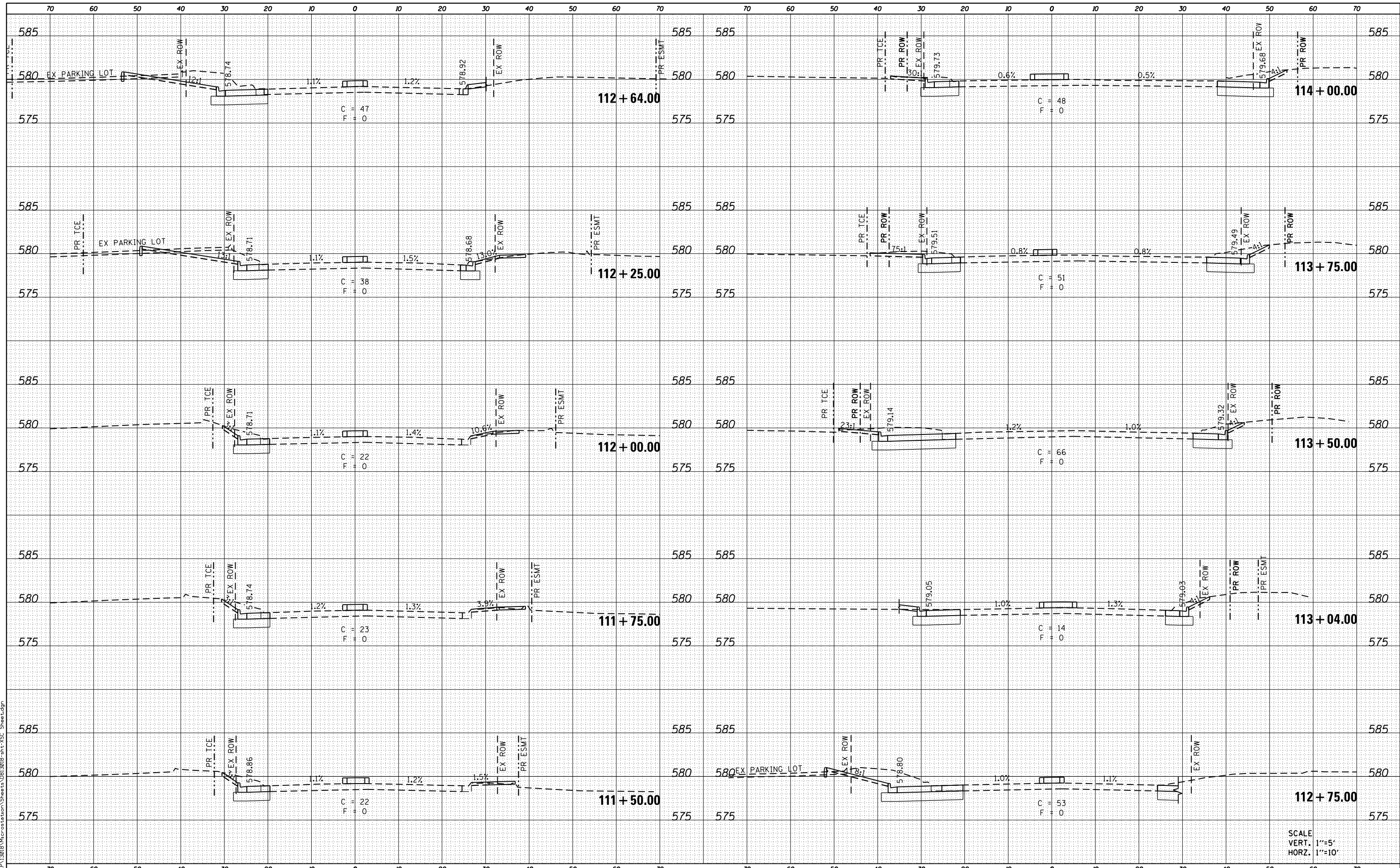
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST CLAIR	34	32
MARKET PLACE INTERSECTION		CONTRACT NO. 97663		
ILLINOIS FED. AID PROJECT				

SCALE
VERT. 1"=5'
HORZ. 1"=10'

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

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

FILE NAME = H:\P\13018\MicroStation\Sheets\0313018-plt\13018-34.dwg



USER NAME = brandon.rosemann
DESIGNED -
DRAWN -
PLOT SCALE = 20.0000' / in.
CHECKED -
PLOT DATE = 11/14/2017

DESIGNED -
REVISIED -
CHECKED -
DATE -

REVISIED -
REVISIED -
REVISIED -
REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS

SCALE: SHEET 3 OF 4 SHEETS STA. 111+50.00 TO STA. 114+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9326	14-00042-00-PV	ST CLAIR	34	33
MARKET PLACE INTERSECTION		CONTRACT NO. 97663		
ILLINOIS FED. AID PROJECT				

SCALE
VERT. 1"=5'
HORZ. 1"=10'

