~~11-6-09 Letting, Item 191~~

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05–00207–00–PV	ST. CLAIR	89	1
CONTRACT NO. 97342		FEDERAL AID PROJECT		

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES
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22–28	STORM SEWER PLAN & PROFILE
29–31	RIGHT OF WAY PLAN
32–36	INTERSECTION DETAILS
37–40	PAVEMENT MARKING PLAN
41–45	TRAFFIC SIGNAL PLAN
46–47	CONSTRUCTION DETAILS
48–89	CROSS SECTIONS

STANDARDS

000001–05	604011–04	720006–02
280001–04	604036–02	720016–02
420001–07	604051–03	729001–01
420501–04	604091–02	780001–02
424001–05	606001–04	781001–03
482001–02	664001–02	805001–01
542301–02	701301–03	814001–02
542606–01	701311–03	814006–02
602301–02	701326–03	873001–02
602306–02	701501–05	877001–04
602401–02	701502–03	878001–07
602601–02	701701–06	880006–01
602701–02	701801–04	886001–01
604001–03	701901–01	886006–01
604006–04	720001–01	BLR 14–10

DESIGN DESIGNATION

F.A.U. 9167 (17TH STREET)	MINOR ARTERIAL ADT 8900 (2028) DESIGN SPEED =	30 MPH
F.A.U. 9251 (IL RTE 13)	MINOR ARTERIAL ADT 12500 (2028) DESIGN SPEED =	35 MPH
F.A.U. 9182 (W. MAIN ST)	MINOR ARTERIAL ADT 14400 (2028) DESIGN SPEED =	30 MPH

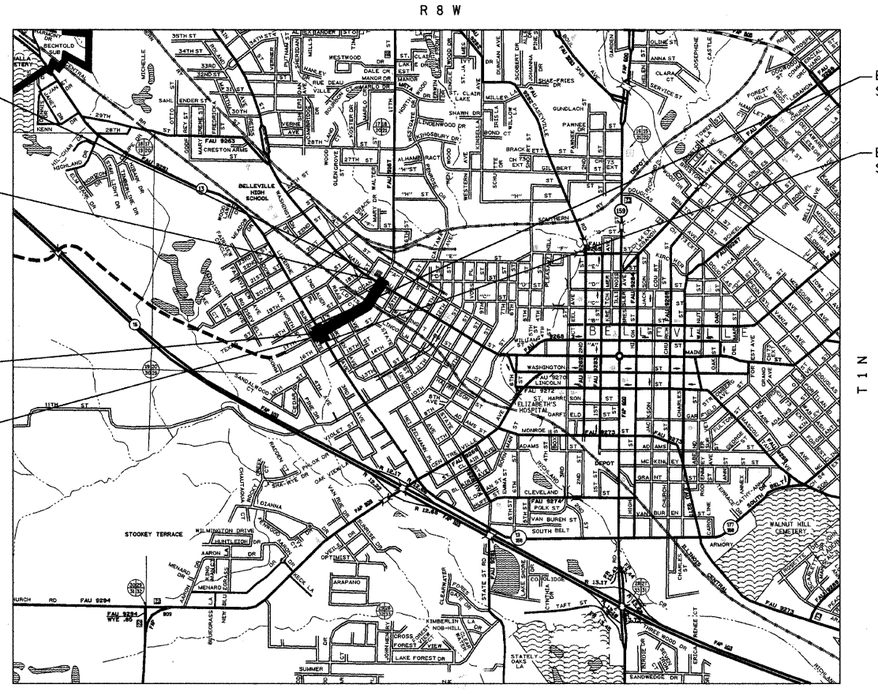
100′ 200′ 300′ — 1″= 100′
0 10′ 20′ 30′ — 1″= 10′
0 50′ 100′ — 1″= 50′
0 50′ 100′ — 1″= 40′
0 50′ 100′ — 1″= 30′
0 50′ 100′ — 1″= 20′

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED
FAU ROUTE 9167
17TH STREET RECONSTRUCTION
SECTION: 05–00207–00–PV
PROJECT: HPP–0162(007)
JOB: C–98–376–06
CITY OF BELLEVILLE
ST. CLAIR COUNTY

R 8 W

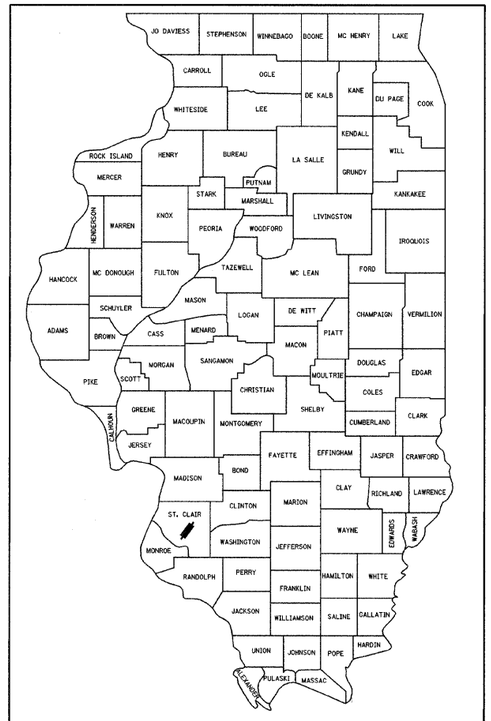


LOCATION MAP
SCALE 1″=1600′

GROSS LENGTH = 1966′ + 1154′ = 3120′
RAILROAD OMISSION = 17′
NET LENGTH = 1949′ + 1154′ = 3103′

SCALE IN FEET

PLAN	1″=20′
PROFILE	1″=20′ HORZ. 1″=5′ VERT.
CROSS SECTIONS	1″=10′ HORZ. 1″=5′ VERT.



LOCATION OF SECTION INDICATED THUS: –

ILLINOIS DEPARTMENT OF TRANSPORTATION

APPROVED Sept. 4 2009
Mark W. Eckert
MARK W. ECKERT MAYOR OF BELLEVILLE

PASSED 9/15 2009
DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW 9/15 2009
DEPUTY DIRECTOR OF HIGHWAYS, REGION FIVE ENGINEER

ALAN J. GOEPFERT 62–52899 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

EXPIRES ~~11/30/09~~

Alan J. Goepfert
ALAN J. GOEPFERT
P.E. NO. 062–52899
DATE: 9/3/09

OATES ASSOCIATES Consulting Engineers

24042

CONTRACT NO. 97342

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	2
STA.	TO STA.			
GENERAL NOTES				

GENERAL NOTES

1. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEIR LOCATIONS MUST BE CONSIDERED TO BE APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. ILLINOIS LAW REQUIRES A MINIMUM 48-HOUR NOTICE TO ALL UTILITY COMPANIES BEFORE DIGGING. FIELD LOCATIONS OF UNDERGROUND FACILITIES MAY BE OBTAINED BY CALLING THE J.U.L.I.E. SYSTEM AT 800-892-0123 AND PROVIDING 48 HOURS ADVANCE NOTICE. NON-J.U.L.I.E. MEMBERS MAY BE CONTACTED DIRECT. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED BELOW.

2. ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL AND REARRANGEMENT OPERATIONS IN ORDER THAT THESE OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER. ALL ROADSIDE OBJECTS (UTILITY POLES, FIRE HYDRANTS, SIGNS, ETC.) SHALL BE RELOCATED TO PROVIDE A MINIMUM OF 2 FEET CLEARANCE, MEASURED FROM THE FACE OF CURB TO THE NEAR EDGE OF THE OBJECT.

3. THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. ALL ARE MEMBERS OF J.U.L.I.E., UNLESS NOTED OTHERWISE.

SBC (TELEPHONE)
203 GOETHE STREET
COLLINSVILLE, IL 62234
(618) 346-6400

CHARTER COMMUNICATIONS (CABLE TV)
317 WEST MAIN STREET
BELLEVILLE, IL 62220
(618) 277-2288

MCI (COMMUNICATIONS)
2400 NORTH GLENVILLE
RICHARDSON, TX 75082

CITY OF BELLEVILLE (STORM SEWER & TRAFFIC SIGNALS)
101 SOUTH ILLINOIS STREET
BELLEVILLE, IL 62220
(618) 233-6810

CN RAILROAD (JOHN MARCOM)
1920 MARION AVENUE
MATTOON, IL 61938
(618) 217-6832

ILLINOIS AMERICAN WATER CO. (WATER)
100 NORTH WATERWORKS DRIVE
BELLEVILLE, IL 62223
(618) 277-7450

AMEREN IP (GAS & ELECTRIC)
1050 WEST BOULEVARD
BELLEVILLE, IL 62221
(618) 234-3400

360 NETWORK (COMMUNICATIONS)
867 COAL CREED CIRCLE, STE 160
LOUISVILLE, CO 80027

CITY OF BELLEVILLE (SANITARY SEWER)
498 ENVIRONMENTAL DRIVE
BELLEVILLE, IL 62220
(618) 233-7146

4. THE ABOVE INFORMATION REPRESENTS THE BEST INFORMATION AVAILABLE TO THE LOCAL AGENCY AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INTO CONSIDERATION IN PREPARING HIS/HER BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCE CAUSED BY SAME.

5. SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" REGARDING RAILROAD FLAGGERS. THE NAMES AND TELEPHONE NUMBERS OF THE RAILROADS WITHIN THE PROJECT LIMITS ARE AS FOLLOWS:

CANADIAN NATIONAL (CN) RAILROAD (217) 238-2443

6. THE CONTRACTOR SHALL PROVIDE BLOCKOUTS IN THE PROPOSED SIDEWALK FOR PLACEMENT OF SIGN POSTS AS DIRECTED BY THE ENGINEER.

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

8. 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.

9. THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMIT LINES, SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

10. THE CONTRACTOR SHALL FERTILIZE, SEED AND MULCH ALL EARTH SURFACES DISTURBED BY CONSTRUCTION. SEE THE SEEDING SCHEDULE FOR ESTIMATED PLAN QUANTITIES.

11. WHERE TREE REMOVAL CONFLICTS WITH EXISTING UNDERGROUND UTILITIES, THE CONTRACTOR SHALL CUT THE TREE OFF AT THE GROUND LINE AND GRIND THE STUMP AS DIRECTED BY THE ENGINEER.

12. EARTH EXCAVATION INCLUDES THE REMOVAL OF THE EXISTING BITUMINOUS (OIL & CHIP) ROADWAY SURFACE AND AGGREGATE BASE. THE CONTRACTOR MAY INCORPORATE THESE MATERIALS INTO THE PROPOSED EMBANKMENT. SURPLUS AND/OR UNSUITABLE MATERIAL SHALL BE DISPOSED OUTSIDE THE LIMITS OF THE RIGHT OF WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."

13. PRIOR TO STARTING EARTHWORK OPERATIONS IN AREAS THAT DO NOT REQUIRE EXCAVATION, THE EXISTING BITUMINOUS (OIL & CHIP) ROADWAY SURFACE SHALL BE SCARIFIED OR BROKEN BY MECHANICAL MEANS, REDUCING ALL PARTICLES TO A SIZE NOT LARGER THAN 6 INCHES IN THE LARGEST DIMENSION.

14. THE CONTRACTOR SHALL BENCH THE PROPOSED EMBANKMENT INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER.

15. THE CONTRACTOR SHALL CONTACT THE ENGINEER UPON COMPLETION OF THE SUBGRADE AND PRIOR TO THE LIME MODIFICATION PROCESS. THE LIME MODIFICATION MAY BE DELETED IF THE SUBGRADE IS FOUND NOT TO REQUIRE REMEDIAL PROCEDURES.

16. THE CONTRACTOR SHALL NOTE THE LOCATION OF ALL MANHOLE AND VALVE VAULT FRAMES AND LIDS LOCATED WITHIN THE RESURFACING LIMITS. APPROPRIATE CARE SHALL BE TAKEN TO PROTECT THESE ITEMS DURING MILLING OPERATIONS.

17. THE THICKNESS OF THE BITUMINOUS 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 BITUMINOUS MIXTURES ARE PLACED.

18. ALL EXISTING ROADWAY FEATURES SUCH AS PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, CULVERTS, HEADWALLS, RIPRAP, FENCING, RETAINING WALLS, ETC. WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR UNLESS NOTED OTHERWISE ON THE PLANS. ALL MISCELLANEOUS FEATURES WHICH ARE TO BE REMOVED AND FOR WHICH THERE IS NO SPECIFIC PAY ITEM, WILL NOT BE MEASURED SEPARATELY FOR PAYMENT. THE COST OF THIS REMOVAL WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR EARTH EXCAVATION.

19. STORM SEWER INVERTS SHOWN ON THE PLANS HAVE BEEN CALCULATED TO THE CENTER OF THE STRUCTURE. THE STORM SEWER SLOPES SHOWN ON THE PLANS IS 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 SHALL BE MEASURED AND PAID FOR AS SPECIFIED IN ARTICLE 550.09 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.

20. 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.

21. THE CONTRACTOR SHALL INCLUDE THE COST OF MAKING CONNECTIONS TO EXISTING DRAINAGE STRUCTURES IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER ITEMS INVOLVED.

22. 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 PRICES BID FOR THE VARIOUS DRAINAGE STRUCTURE ITEMS INCLUDED IN THE CONTRACT.

23. THE CONTRACTOR SHALL APPLY SHORT-TERM PAVEMENT MARKINGS TO THE MILLED, PRIMED AND EACH HOT-MIX ASPHALT SURFACE LAYER. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING TIMES THE NUMBER OF REQUIRED APPLICATIONS HAS BEEN INCLUDED IN THE PLANS. TEMPORARY PAVEMENT MARKINGS SHALL ONLY BE REMOVED FORM THE FINAL SURFACE AND SHALL BE PAID FOR AS WORK ZONE PAVEMENT MARKING REMOVAL.

24. THE CONTRACTOR SHALL PLACE ALL TEMPORARY PAVEMENT MARKINGS IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

25. THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. PROPOSED CROSSWALKS AND STOP BARS SHALL BE ADJUSTED BY THE CONTRACTOR, IF NECESSARY, TO MATCH FIELD CONDITIONS. (AS DIRECTED BY THE ENGINEER)

26. THE FOLLOWING ITEMS AND APPROXIMATE QUANTITIES ARE INCLUDED IN THE "SCHEDULE OF PRICES" 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.

PIPE DRAINS 4"	50	FOOT
PIPE DRAINS 6"	50	FOOT
AGGREGATE FOR TEMPORARY ACCESS	200	TON

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
ESMT	EASEMENT
K	LENGTH OF VERTICAL CURVE PER PERCENT GRADE DIFFERENCE
N/F	NOW OR FORMERLY
O/C	OIL AND CHIP
PERM	PERMANENT
PVI	POINT OF VERTICAL INTERSECTION
PVC	POLYVINYL CHLORIDE PIPE
TCE	TEMPORARY CONSTRUCTION EASEMENT
TUP	TEMPORARY USE PERMIT
TBA	TO BE ADJUSTED
TBRL	TO BE RELOCATED
TYP	TYPICAL
W	WIDTH

COMMITMENTS

SUMMARY OF COMMITMENTS TO ADJACENT PROPERTY OWNERS

PARCEL NO.	OWNER	COMMITMENT
08-20-416-001	MUSA, ZIAD A.	THE CONTRACTOR SHALL STAGE CONSTRUCTION TO MAINTAIN ACCESS TO AT LEAST ONE COMMERCIAL ENTRANCE TO THE LISTED PARCEL ALONG ILLINOIS ROUTE 13 AT ALL TIMES DURING CONSTRUCTION.
08-20-417-014 08-20-417-015	VERGES, ROBERT & JEANNETTE	1) ANY DAMAGES TO THE SEWER CONNECTION AND/OR LINES AT THIS PROPERTY WILL BE RESPONSIBILITY OF THE CONTRACTOR AND/OR THE CITY OF BELLEVILLE. 2) THE CONTRACTOR SHALL BE ADVISED OF THE NEED TO MAINTAIN ACCESS TO AND FROM THIS PROPERTY FOR MEDICAL PURPOSES. 3) A MEETING SHALL BE HELD BETWEEN THE PROPERTY OWNERS AND THE CONTRACTOR TO MAKE ARRANGEMENTS TO ACCOMMODATE THE NEEDS FOR ACCESS AND CONSTRUCTION ACTIVITY ADJACENT TO THE PROPERTY.
08-20-417-012	BACH, GERALD JR. & AMY	1) ALL DISTURBED AREAS OF LAWN SHALL BE GRADED AND RESEEDED ACCORDING TO SECTION 250 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. 2) THE LIMBS ON THE 24 INCH MAGNOLIA TREE (AT APPROXIMATELY STATION 55+93 LEFT) THAT OVERHANG THE RIGHT OF WAY SHALL BE PRUNED IN A MANNER AS NOT TO DESTROY THE APPEARANCE AND HAVE A MINIMAL EFFECT ON SAID TREE. PRUNING SHALL BE PERFORMED ACCORDING TO SECTION 201.05 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. 3) THE PRIVATE SIDEWALK AND STEPS (STA 56+00 LEFT) NEAR THE PROPOSED PUBLIC SIDEWALK SHALL BE RECONSTRUCTED WITH NEW CONCRETE WITHIN THE LIMITS OF THE TEMPORARY CONSTRUCTION EASEMENT.
08-20-407-005	FAHRNER, CHARLES A.	THE CONTRACTOR SHALL CONSTRUCT A 12 FOOT WIDE PRIVATE AGGREGATE ENTRANCE ALONG SOUTH 17TH STREET AT STA. 66+17.7 LEFT TO THE LIMITS OF THE PROPOSED RIGHT OF WAY. THE ENTRANCE SHALL BE CONSTRUCTED ACCORDING TO THE PRIVATE ENTRANCE DETAILS AND THE NOTES ON THE ENTRANCE SCHEDULE IN THE PLANS.
08-20-423-002 08-20-423-003	ORR, JOHN D.	THE FOLLOWING TREES SHALL BE REMOVED AND DISPOSED OF ACCORDING TO SECTION 201 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION: 1) 20" TREE AT STATION 60+32 RIGHT, 2) 20" TREE AT STATION 60+58 RIGHT, 3) 26" TREE AT STATION 61+11 RIGHT.
08-20-422-006	PADGETT, EUGENE B. & JEANETTE	1) ALL LOCATED GUTTER DOWN SPOUT CONNECTIONS ALONG S. 17TH STREET SHALL BE CONNECTED INTO THE PROPOSED BACK OF CURB OR INTO THE PROPOSED STORM SEWER SYSTEM. 2) THE PROPOSED ENTRANCE AT STATION 57+93.92 RT SHALL BE CONSTRUCTED TO A WIDTH OF 15 FEET, WITH THE ADDITIONAL 3 FT OF WIDTH ADDED TO THE SOUTH SIDE OF THE ENTRANCE. 3) ALL DAMAGES TO SANITARY SEWER CONNECTION RESULTING FROM CONSTRUCTION WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND/OR THE CITY OF BELLEVILLE.
08-20-422-004	CRAMER, DONALD W. & WANDA L.	1) THE CONTRACTOR WILL REMOVE THE EXISTING PRIVATE SIDEWALK AND STEPS (APPROX. 56+58 RIGHT) AT THE FRONT OF THE HOME LEADING TO THE FRONT PORCH RUNNING ADJACENT TO THE DRIVEWAY AND SHALL REPLACE WITH NEW CONCRETE STEPS AND SIDEWALK. 2) ALL LOCATED GUTTER DOWN SPOUT CONNECTIONS ALONG S. 17TH STREET SHALL BE CONNECTED INTO THE PROPOSED BACK OF CURB OR INTO THE PROPOSED STORM SEWER SYSTEM.
08-20-420-004	WUEBBELS, WILLIAM R.	THE 40" TREE AT STATION 51+37.79 RT IN THE SOUTHWEST CORNER OF THE LISTED PARCEL SHALL BE REMOVED AND DISPOSED OF ACCORDING TO SECTION 201 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

LEGEND & SYMBOLS

TBR	TO BE REMOVED
TBS	TO BE SAVED
	BENCHMARK
	CONTROL POINT (CONTROL PT)
	EXISTING LIGHT POLE
	EXISTING SIGN
	EXISTING POWER POLE
	EXISTING ANCHOR
	EXISTING TREE
	EXISTING TELEPHONE JUNCTION BOX
	EXISTING WATERVALVE

E E	EXISTING BURIED ELECTRIC
G	EXISTING GAS LINE
	EXISTING SANITARY SEWER
	EXISTING STORM SEWER/CULVERT
T T	EXISTING BURIED TELEPHONE
	EXISTING TREELINE
W	EXISTING WATERLINE
PL	EXISTING PROPERTY LINE
	EXISTING R.O.W. LINE
	EXISTING EASEMENT LINE

(SEE IDOT STD 000001 FOR MORE INFORMATION)

PLOT DATE = 9/9/2009
FILE NAME = N:\2007\07-00207-00-PV\Microstation\GENERAL NOTES\gnote2.dgn
PLOT SCALE = 20.0000 ' / IN.

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00PV	ST. CLAIR	89	3
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	74
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	336
20200100	EARTH EXCAVATION	CU YD	4,402
20800150	TRENCH BACKFILL	CU YD	1,208
25000920	SEEDING, CLASS 1A (SPECIAL)	ACRE	1.2
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	91
28000400	PERIMETER EROSION BARRIER	FOOT	1,681
28000500	INLET AND PIPE PROTECTION	EACH	89
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	13,209
30201500	LIME	TON	207
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	13,209
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	345
35600722	HOT-MIX ASPHALT BASE COURSE WIDENING, 11 1/2"	SQ YD	1,362
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	370
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	200
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	227
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	320
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	685
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	227
42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	8,313
42001300	PROTECTIVE COAT	SQ YD	4,157
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	228
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	320
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	22,101
42400800	DETECTABLE WARNINGS	SQ FT	220
44000100	PAVEMENT REMOVAL	SQ YD	5,226
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	2,404
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,141
44000300	CURB REMOVAL	FOOT	4,083
44000600	SIDEWALK REMOVAL	SQ FT	17,096
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	3,492
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	50
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	408
54001000	BOX CULVERT END SECTIONS	EACH	2
54020503	PRECAST CONCRETE BOX CULVERT 5' X 3' (M273)	FOOT	73
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1
54216180	REINFORCED CONCRETE PIPE TEE, 12" PIPE WITH 12" RISER	EACH	12
54216185	REINFORCED CONCRETE PIPE TEE, 15" PIPE WITH 12" RISER	EACH	1
54216190	REINFORCED CONCRETE PIPE TEE, 18" PIPE WITH 12" RISER	EACH	9
54216200	REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 12" RISER	EACH	3
54216570	REINFORCED CONCRETE PIPE TEE, 24" PIPE WITH 15" RISER	EACH	1
55019500	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 12"	FOOT	1,401
55019600	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 15"	FOOT	58
55019700	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 18"	FOOT	161
55019900	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 24"	FOOT	143
55021600	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 12"	FOOT	909
55021700	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 15"	FOOT	78
55021800	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 18"	FOOT	529
55022000	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 24"	FOOT	58
60100905	PIPE DRAINS 4"	FOOT	50
60100915	PIPE DRAINS 6"	FOOT	50
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	13
60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	4
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	2
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	3
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	49
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	5
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	1
60240310	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	EACH	21
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	2
60255500	MANHOLES TO BE ADJUSTED	EACH	8
60260100	INLETS TO BE ADJUSTED	EACH	2
60500040	REMOVING MANHOLES	EACH	5
60500060	REMOVING INLETS	EACH	8
60600605	CONCRETE CURB, TYPE B	FOOT	327
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	4,172
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	776
66400305	CHAIN LINK FENCE, 6'	FOOT	143
66407800	CHAIN LINK GATES, 6' X 16' DOUBLE	EACH	1
66410700	CHAIN LINK GATES (SPECIAL)	EACH	1

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CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00PV	ST. CLAIR	89	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

	CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
*	66410300	CHAIN LINK FENCE REMOVAL	FOOT	231
*	66410800	CHAIN LINK GATES REMOVAL	EACH	2
	67100100	MOBILIZATION	L SUM	1
	70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
	70300100	SHORT-TERM PAVEMENT MARKING	FOOT	120
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	40
*	72000100	SIGN PANEL - TYPE 1	SQ FT	129.5
*	72000105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	50.5
*	72900100	METAL POST - TYPE A	FOOT	26
*	72900200	METAL POST - TYPE B	FOOT	157
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	136
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	13,673
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	604
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	975
*	78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	495
*	78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	4,298
*	78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	1,022
*	78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	188
*	78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	96
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	61
*	78300100	PAVEMENT MARKING REMOVAL	SQ FT	2,192
*	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	15
*	80300100	LOCATING UNDERGROUND CABLE	FOOT	100
*	80500100	SERVICE INSTALLATION, TYPE A	EACH	2
*	81000300	CONDUIT IN TRENCH, 1" DIA., GALVANIZED STEEL	FOOT	25
*	81000500	CONDUIT IN TRENCH, 1 1/2" DIA., GALVANIZED STEEL	FOOT	25
*	81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	193
*	81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	55
*	81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	12
*	81013100	CONDUIT IN TRENCH, 5" DIA., PVC	FOOT	4
*	81013200	CONDUIT IN TRENCH, 6" DIA., PVC	FOOT	5
*	81028070	CONDUIT, BORED AND PULLED, COILABLE NON- METALLIC CONDUIT, 2 1/2"	FOOT	186
*	81028080	CONDUIT, BORED AND PULLED, COILABLE NON- METALLIC CONDUIT, 3"	FOOT	212
*	81028090	CONDUIT, BORED AND PULLED, COILABLE NON- METALLIC CONDUIT, 3 1/2"	FOOT	76
*	81028100	CONDUIT, BORED AND PULLED, COILABLE NON- METALLIC CONDUIT, 4"	FOOT	77

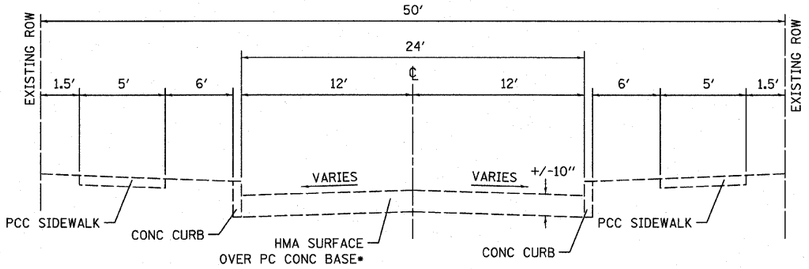
	CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
*	81400100	HANDHOLE	EACH	6
*	81400300	DOUBLE HANDHOLE	EACH	2
*	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	319
*	85000300	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	L SUM	1
*	85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	2
*	87300305	ELECTRIC CABLE IN TRENCH, LEAD-IN, NO. 14 1 PAIR	FOOT	2,009
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,603
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3,180
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,851
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,089
*	87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	3
*	87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	3
*	87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	2
*	87800200	CONCRETE FOUNDATION, TYPE D	FOOT	6
*	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	104
*	88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	9
*	88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8
*	88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	16
*	88102710	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	14
*	88200100	TRAFFIC SIGNAL BACKPLATE	EACH	33
*	88500100	INDUCTIVE LOOP DETECTOR	EACH	17
*	88600100	DETECTOR LOOP, TYPE I	FOOT	3,235
*	88700200	LIGHT DETECTOR	EACH	8
*	88700300	LIGHT DETECTOR AMPLIFIER	EACH	8
*	88800100	PEDESTRIAN PUSH-BUTTON	EACH	14
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
*	89502380	REMOVE EXISTING HANDHOLE	EACH	4
*	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	4
	X0300351	CONCRETE STEP REMOVAL	EACH	8
	X0322923	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	3,048
*	X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING NO. 6 1C	FOOT	1,083
	XX003000	CLASS SI CONCRETE STEPS	CU YD	13
*	XX003164	EMERGENCY VEHICLE PRIORITY SYSTEM LEAD-IN CABLE IN CONDUIT	FOOT	1,474
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1

* INDICATES SPECIALTY ITEM

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CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	05-00207-00-PV	ST. CLAIR	89	5
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

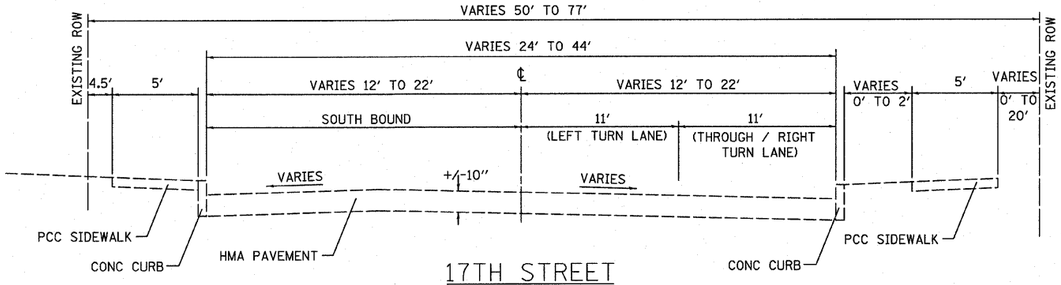


17TH STREET
EXISTING TYPICAL SECTION

(NOT TO SCALE)

STA. 54+50.00 TO STA. 59+00.00

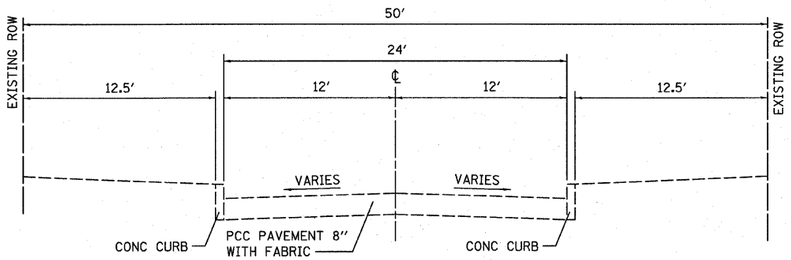
•PCC PAVEMENT ONLY FROM STA. 54+50 TO STA. 55+75



17TH STREET
EXISTING TYPICAL SECTION

(NOT TO SCALE)

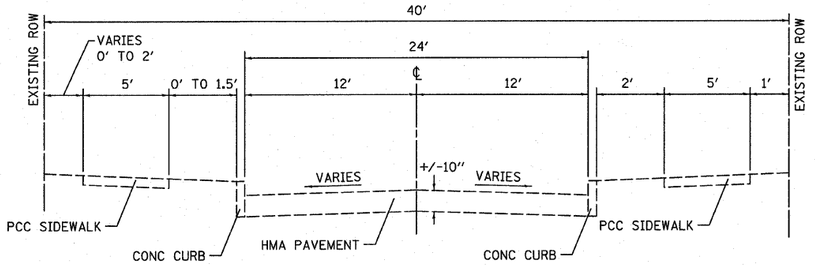
STA. 67+10.74 TO STA. 69+75.99



17TH STREET
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(NOT TO SCALE)

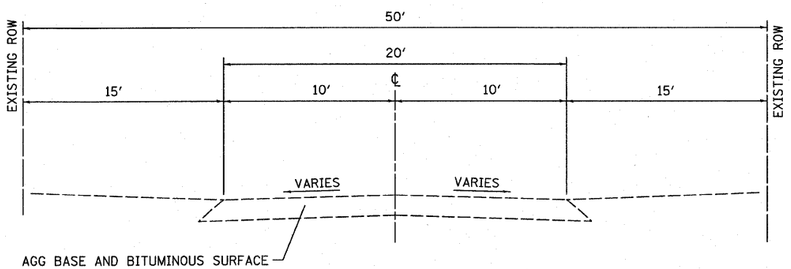
STA. 52+46.77 TO STA. 54+50.00



17TH STREET
EXISTING TYPICAL SECTION

(NOT TO SCALE)

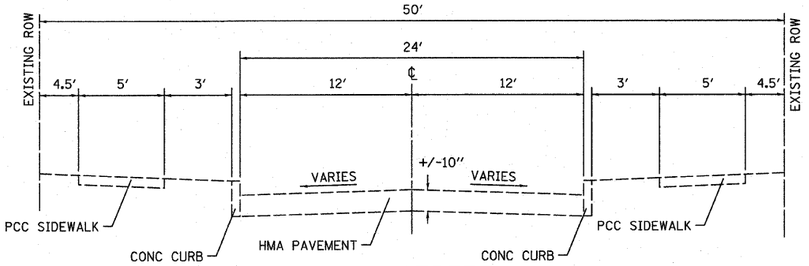
STA. 64+89.55 TO STA. 67+10.74•



17TH STREET
EXISTING TYPICAL SECTION

(NOT TO SCALE)

STA. 49+99.86 TO STA. 52+46.77



17TH STREET
EXISTING TYPICAL SECTION

(NOT TO SCALE)

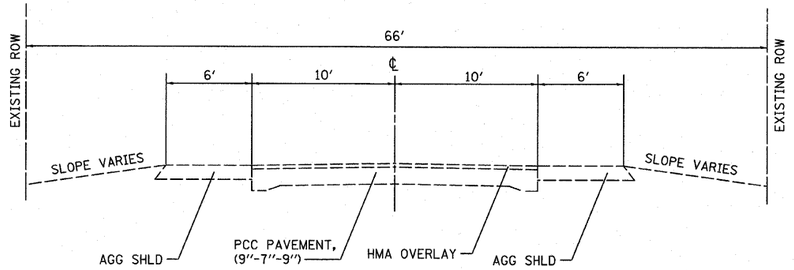
STA. 59+00.00 TO STA. 64+80.87•

• RAILROAD OMISSION STA. 64+80.87 TO STA. 64+89.55

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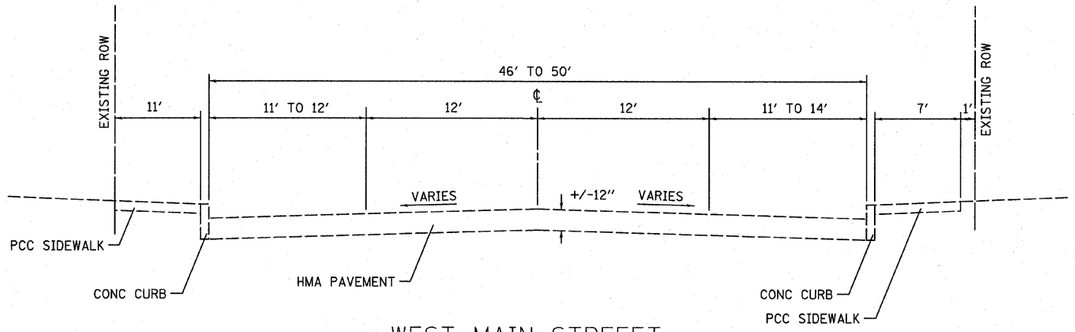
CONTRACT NO. 97342

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	05-00207-00-PV	ST. CLAIR	89	6
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



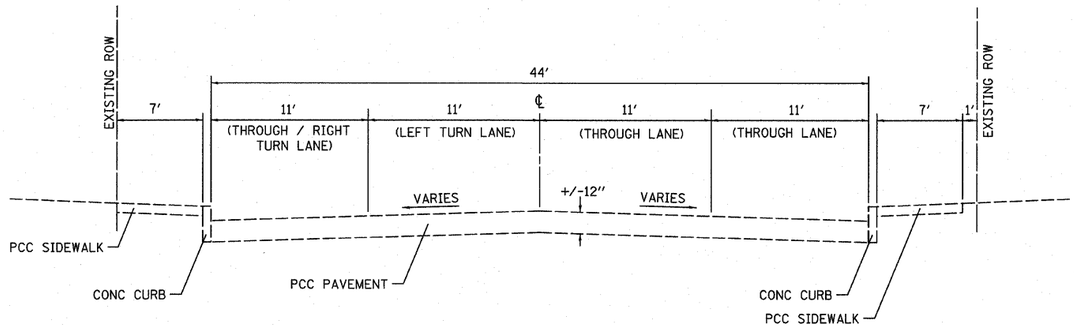
IL RTE 13
EXISTING TYPICAL SECTION

(NOT TO SCALE)
STA. 90+38.63 TO STA. 101+92.14



WEST MAIN STREEET
EXISTING TYPICAL SECTION

(NOT TO SCALE)
STA. 44+00.00 TO STA. 53+86.43



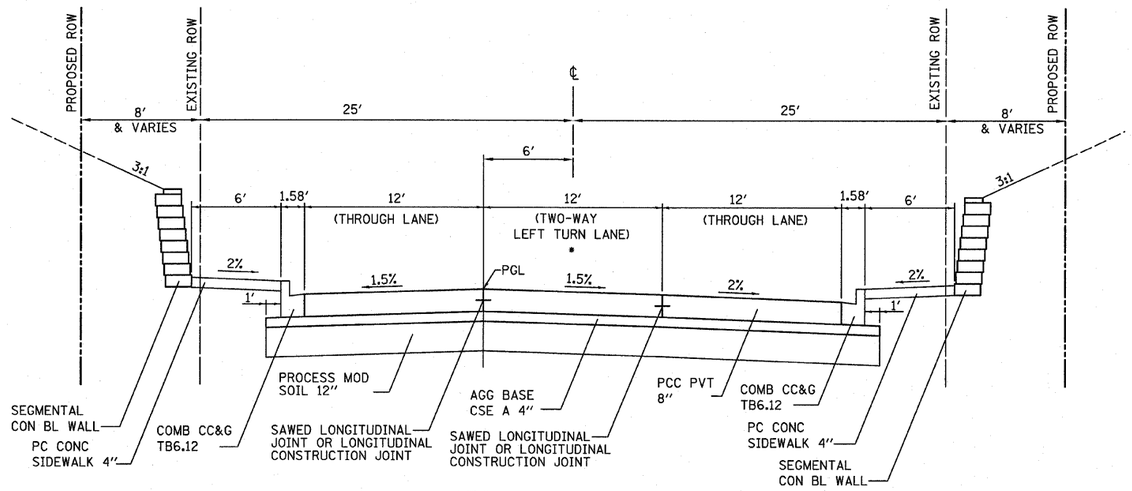
17TH STREET
EXISTING TYPICAL SECTION

(NOT TO SCALE)
STA. 69+75.99 TO STA. 72+52.42

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CONTRACT NO. 97342

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	05-00207-00-PV	ST. CLAIR	89	7
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

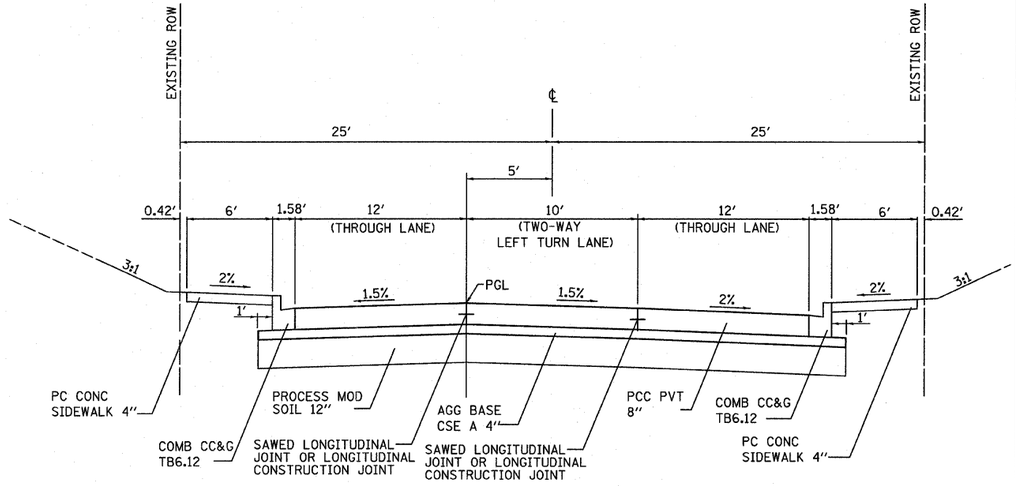


17TH STREET
PROPOSED TYPICAL SECTION

(NOT TO SCALE)

STA. 52+46.77 TO STA. 54+49.71

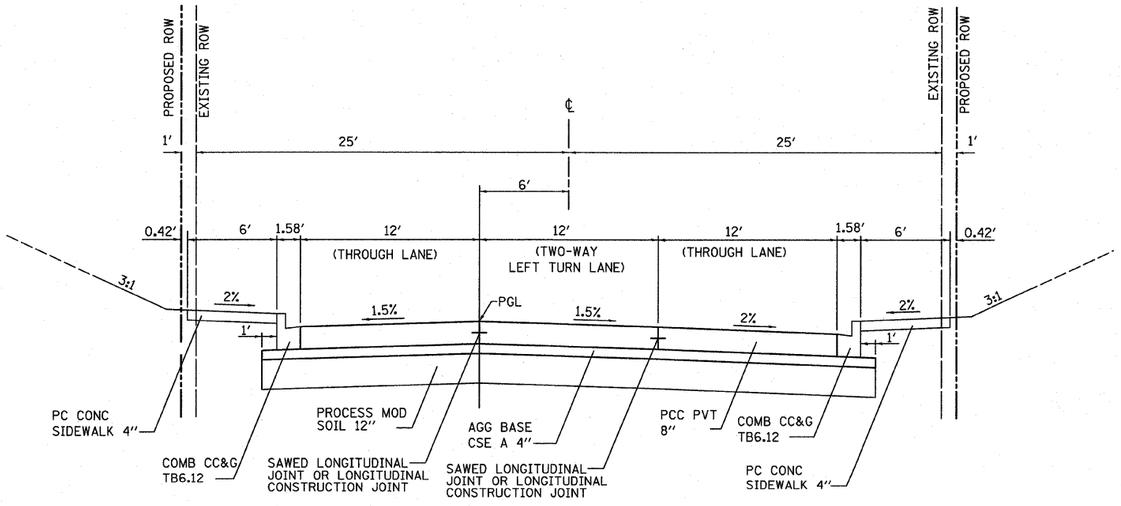
• 2 WAY LEFT TURN LANE WIDTH TRANSITIONS FROM 12′ TO 10′ FROM STA 54+17.76 TO STA 54+81.66



17TH STREET
PROPOSED TYPICAL SECTION

(NOT TO SCALE)

STA. 55+74.73 TO STA. 64+18.18

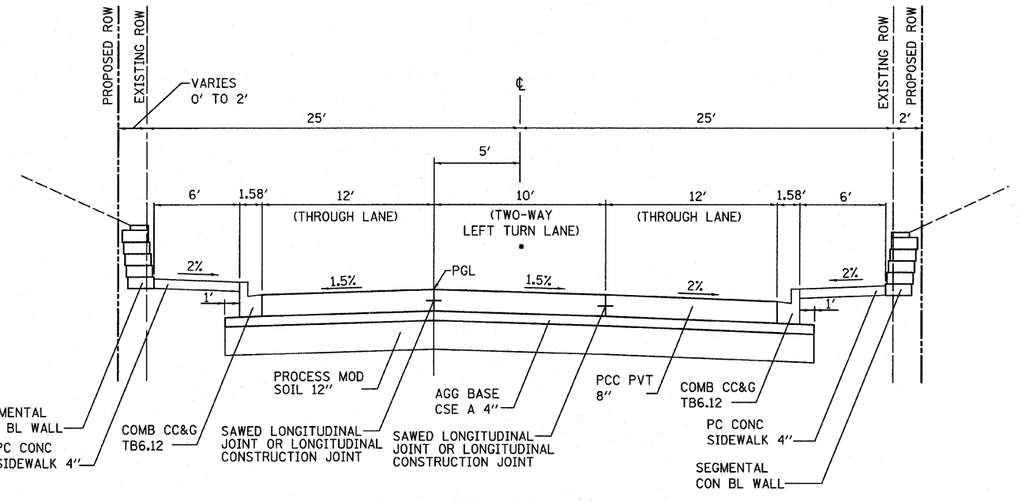


17TH STREET
PROPOSED TYPICAL SECTION

(NOT TO SCALE)

STA. 49+99.86 TO STA. 50+86.33 TO BE COMPLETED DURING FUTURE PHASE 2 IMPROVEMENTS

STA. 49+99.86 TO STA. 52+46.77



17TH STREET
PROPOSED TYPICAL SECTION

(NOT TO SCALE)

STA. 54+49.71 TO STA. 55+74.73

• 2 WAY LEFT TURN LANE WIDTH TRANSITIONS FROM 12′ TO 10′ FROM STA 54+17.76 TO STA 54+81.66

PLOT DATE = 9/9/2009
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CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	05-00207-00-PV	ST. CLAIR	89	8
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

MIXTURE USE	BASE COURSE	BINDER COURSE	SURFACE	INCIDENTAL
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	15%	15%	10%	15%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=50
MIX COMPOSITION (GRADATION MIXTURE)	IL-19.0	IL-19.0		
FRICTION AGG	MIXTURE "B"	MIXTURE "B"	MIXTURE "D"	MIXTURE "C"

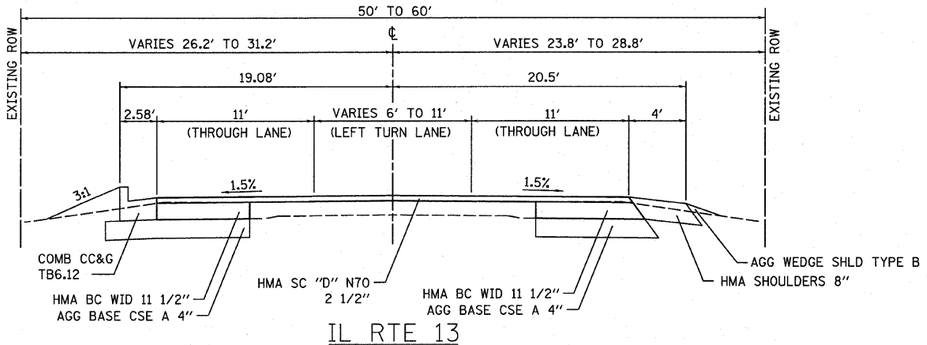
17TH STREET
STRUCTURAL DESIGN DATA

SDT = 9920 (2018) CLASS II
DP = 20
PV = 9920 (95%)
SU = 298 (3%)
MU = 198 (2%)
TF = 1.11

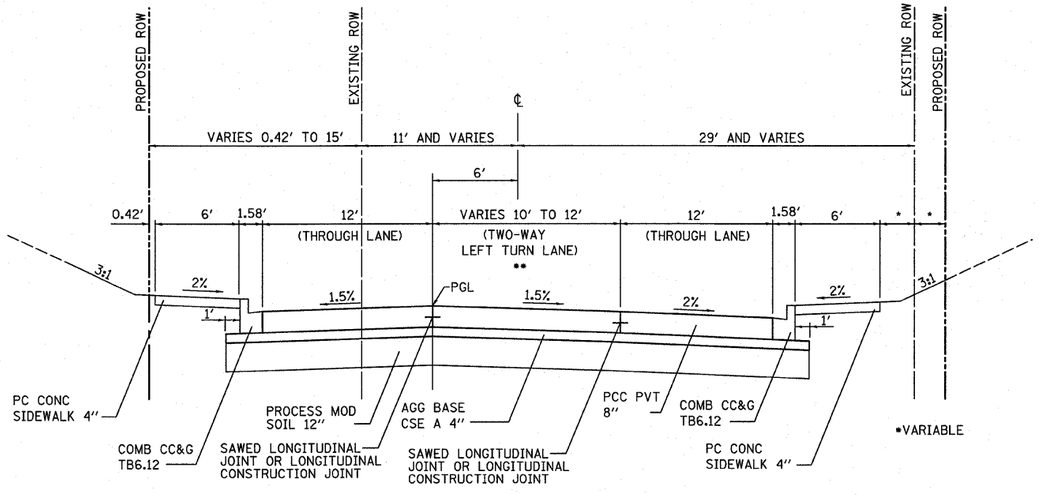
8" PROPOSED PAVEMENT
4" SUB-BASE GRANULAR MATERIAL
12" LIME MODIFIED SOIL

TYPICAL SECTION NOTES

1. SEE CROSS SECTIONS FOR VARIABLE EARTH SLOPES.
2. SEE PLAN AND PROFILE SHEETS FOR R.O.W. WIDTHS.
3. SAWED TRANSVERSE CONTRACTION JOINTS SHALL BE SPACED AT 15' INTERVALS ACCORDING TO HIGHWAY STANDARDS 420001 AND BLR 14.
4. SAWED CONTRACTION JOINTS AND SAWED LONGITUDINAL JOINTS SHALL BE SEALED ACCORDING TO ARTICLE 420.05(d) OF THE "STANDARD SPECIFICATIONS". ANY EXCESS MATERIAL ON THE PAVEMENT SURFACE SHALL BE REMOVED IMMEDIATELY AND THE SURFACE CLEANED TO THE SATISFACTION OF THE ENGINEER.

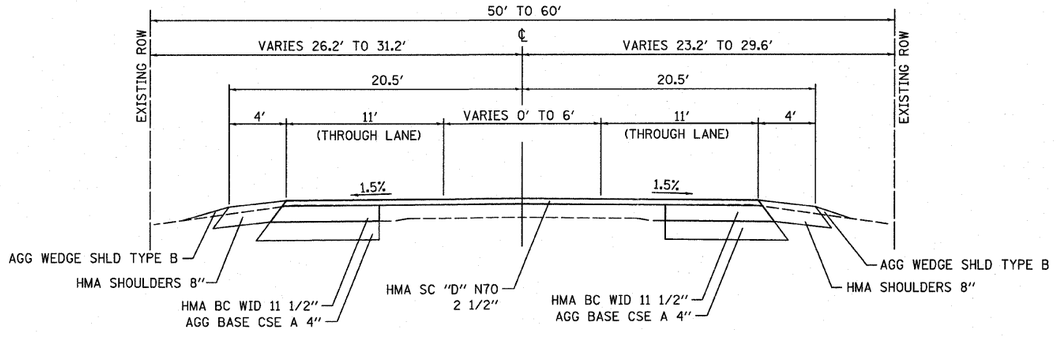


IL RTE 13
PROPOSED TYPICAL SECTION
(NOT TO SCALE)
STA. 91+56.85 TO STA. 100+53.06



17TH STREET
PROPOSED TYPICAL SECTION
(NOT TO SCALE)
STA. 64+18.18 TO STA. 69+75.99

•• 2 WAY LEFT TURN LANE WIDTH TRANSITIONS FROM 10' TO 12' FROM STA 64+18.18 TO STA 64+56.15



IL RTE 13
PROPOSED TYPICAL SECTION
(NOT TO SCALE)
STA. 90+38.63 TO STA. 91+56.85
STA. 100+53.06 TO STA. 101+92.14

PLOT DATE = 9/9/2019
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CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PAVEMENT SCHEDULE

STATION	STATION	PROCESS MOD SOIL 12 30200650 (SQ YD)	LIME (NOTE 1) (NOTE 2) 30201500 (TON)	AGG BASE CSE A 4 35100300 (SQ YD)	HMA BC WID 11 1/2 35600722 (SQ YD)	HMA SURF REM BUTT JT 40600982 (SQ YD)	HMA BC IL-19.0 N70 (NOTE 3) 40603085 (TON)	HMA SC "D" N70 40603340 (TON)	INCIDENTAL HMA SURF (NOTE 4) 40800050 (TON)	PCC PVT 8 42000300 (SQ YD)	PAVEMENT REM 44000100 (SQ YD)	HMA SURF REM VAR DP 44000198 (SQ YD)	STRIP REF CR CON TR 44300200 (FOOT)	HMA SHOULDERS 8 48203029 (SQ YD)
17TH STREET														
49+99.86	52+46.77	1514	29	1514			65	40	40	923				
52+46.77	54+49.71	1655	32	1655						1127	643			
54+49.71	58+94.93	2341	45	2341						1840	981			
58+94.93	64+85.01	2755	53	2755						2304	1687			
64+85.01	69+75.99	2509	48	2509						2119	1602			
69+75.99	70+61.12						91	20	20		78			
FRANKLIN AVE							107	67	67					
IL ROUTE 13														
90+38.00	92+84.32	515		515	200	115	19	107	12			454	739	166
92+84.32	96+26.69	656		656	483		19	176	12			778	1027	76
96+26.69	100+03.78	798		798	535		10	193	6		101	838	1131	101
100+03.78	102+02.00	466		466	144	112	9	82	6		134	334	595	65
TOTAL		**13,209**	**207**	**13,209**	**1,362**	**227**	**320**	**685**	**163**	**8,313**	**5,226**	**2,404**	**3,492**	**408**

PAVEMENT NOTES:

1. LIME QUANTITY IS CALCULATED USING AN ASSUMED RATE OF 38.52 LB / SQ YD. THE ACTUAL LIME APPLICATION RATE WILL BE DETERMINED BY THE ENGINEER AND WILL BE BASED ON TESTS OF LIME AND SOIL SAMPLES PROVIDED BY THE ENGINEER.
2. LIME MODIFIED SOILS DOES NOT INCLUDE THE AREAS WHERE IL ROUTE 13 WILL BE WIDENED. SEE TYPICAL SECTIONS.
3. HMA BINDER COURSE QUANTITY IS CALCULATED AT A RATE OF 112 LB / SQ YD/ IN. BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT) ARE REQUIRED BUT WILL NOT BE MEASURED SEPARATELY FOR PAYMENT. THE COST FOR BITUMINOUS MATERIALS AND AGGREGATE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HMA BINDER COURSE, IL-19.0 N70.
4. INCIDENTAL HMA SURFACING QUANTITY IS CALCULATED AT A RATE OF 112 LB / SQ YD / IN.
5. TEMPORARY TRANSITION PAVEMENT FROM STA 49+99.86 TO STA 50+86.33 TO BE CONSTRUCTED WITH HMA AS SHOWN IN SCHEDULE ABOVE.

CURB & GUTTER SCHEDULE

STATION	STATION	OFFSET	CURB REM 44000300 (FOOT)	CONC CURB TB 60600605 (FOOT)	COMB CC&G TB6.12 60603800 (FOOT)	COMB CC&G TB6.24 60605000 (FOOT)
17TH STREET						
50+86.31	52+46.77	LT			180	
50+86.31	52+46.77	RT			194	
52+46.77	54+49.71	LT	206		256	
52+46.77	54+49.71	RT	206		202	
54+49.71	58+94.93	LT	466		461	
54+49.71	58+94.93	RT	451		443	
58+94.93	64+85.01	LT	553		614	
58+94.93	64+85.01	RT	545		639	
64+85.01	69+75.99	LT	550	74	556	
64+85.01	69+75.99	RT	555		627	
69+75.99	69+76.00	LT	117	97		
69+75.99	69+76.00	RT	104	94		
IL ROUTE 13						
90+38.00	92+84.32	LT	43	8		30
90+38.00	92+84.32	RT				
92+84.32	96+26.69	LT	151	54		189
92+84.32	96+26.69	RT				22
96+26.69	100+03.78	LT	65			314
96+26.69	100+03.78	RT				33
100+03.78	102+02.00	LT	71			188
100+03.78	102+02.00	RT				
TOTAL			**4,083**	**327**	**4,172**	**776**

PAVEMENT MARKING SCHEDULE

STATION	STATION	SHORT-TERM PAVT MKING 70300100 (FOOT)	WORK ZONE PAVT MK REM 70301000 (SQ FT)	THPL PVT MK LTR & SYM (NOTE 1) 78000100 (SQ FT)	THPL PVT MK LINE 4 (NOTE 1) 78000200 (FOOT)	THPL PVT MK LINE 6 (NOTE 1) 78000400 (FOOT)	THPL PVT MK LINE 12 (NOTE 1) 78000600 (FOOT)	POLYUREA PMT1 LTR-SY (NOTE 1) 78008200 (SQ FT)	POLYUREA PMT1 LN 4 (NOTE 1) 78008210 (FOOT)	POLYUREA PMT1 LN 6 (NOTE 1) 78008230 (FOOT)	POLYUREA PMT1 LN 12 (NOTE 1) 78008250 (FOOT)	POLYUREA PMT1 LN 24 (NOTE 1) 78008270 (FOOT)	RAISED REFL PAVT MKR (NOTE 2) 78100100 (EACH)	PAVT MARKING REMOVAL 78300100 (SQ FT)	RAISED REF PVT MARKER REMOVAL 78300200 (EACH)
17TH STREET															
50+86.31	52+46.77							32	500	100	44				
52+46.77	54+49.71							47	373	145	33				
54+49.71	58+94.93							53	1035	161	22				
58+94.93	64+85.01							175	1333	152	56	48			
64+85.01	69+75.99				3628		205	187	1057	151	33	48			
69+75.99	72+52			47	872	145	135							309	
W. MAIN STREET															
42+91.00	48+76.73			18	1996	164	202							1010	
48+76.73	53+84.00			35	1780	163	120							873	
IL ROUTE 13															
90+38.00	92+84.32	25	8		1404								12		3
92+84.32	96+26.69	35	12	18	1338	66	158			162			19		4
96+26.69	100+03.78	40	13	18	1584	66	155			151			20		5
100+03.78	102+02.00	20	7		1071								10		2
TOTAL		**120**	**40**	**136**	**13,673**	**604**	**975**	**495**	**4,298**	**1,022**	**188**	**96**	**61**	**2,192**	**15**

PAVEMENT MARKING NOTES:

1. SEE HIGHWAY STANDARD 780001 FOR PAVEMENT MARKING DETAILS.
2. SEE HIGHWAY STANDARD 781001 FOR RAISED REFLECTIVE PAVEMENT MARKER DETAILS.

RAISED REFLECTIVE PAVEMENT MARKER QUANTITY INCLUDES THE FOLLOWING TYPES:

36 EACH	ONE-WAY AMBER MARKERS
9 EACH	ONE-WAY CRYSTAL MARKERS
16 EACH	TWO-WAY AMBER MARKERS
61 EACH	TOTAL

SIDEWALK SCHEDULE

STATION	STATION	OFFSET	PC CONC SIDEWALK 4 (NOTE 1) 42400100 (SQ FT)	DETECTABLE WARNINGS 42400800 (SQ FT)	SIDEWALK REM 44000600 (SQ FT)	CLASS SI CONC STEPS XX003000 (CU YD)	CONC STEP REMOVAL X0300351 (EACH)
17TH STREET							
50+86.31	52+46.77	LT	425	6			
50+86.31	52+46.77	RT	752	6	30		
52+46.77	54+49.71	LT	932	26	82	3.2	1
52+46.77	54+49.71	RT	887	18	113	2.4	1
54+49.71	58+94.93	LT	2277	12	2062	3.7	3
54+49.71	58+94.93	RT	2933	12	1685	3.7	2
58+94.93	64+85.01	LT	3867	18	3475		
58+94.93	64+85.01	RT	3773	18	3436		1
64+85.01	69+75.99	LT	2597	32	2646		
64+85.01	69+75.99	RT	2557	32	2664		
69+75.99	70+61.12	LT	570	20	386		
69+75.99	70+59.79	RT	531	20	517		
TOTAL			**22,101**	**220**	**17,096**	**13.0**	**8**

SIDEWALK NOTES:

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

PLOT DATE = 9/14/2009
FILE NAME = h:\projects\Marcostation\90\soqu.dgn
PLOT SCALE = 20.0000 ' / IN.
USER NAME = default

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	10
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ENTRANCE SCHEDULE

STATION (NOTE 1)	OFFSET	ENTRANCE TYPE	ENTRANCE WIDTH "W" (NOTE 1) (FOOT)	ENTRANCE DEPTH "D" (FOOT)	EXISTING SURFACE TYPE	AGG BASE CSE A 6 35100500 (SQ YD)	AGG SURF CSE A 6 40200500 (SQ YD)	INCIDENTAL HMA SURF (NOTE 2) 40800050 (TON)	PCC DRIVEWAY PAVT 6 (NOTE 3) 42300200 (SQ YD)	PCC DRIVEWAY PAVT 8 (NOTE 3) 42300400 (SQ YD)	DRIVE PAVEMENT REM 44000200 (SQ YD)
17TH STREET											
51+45.0	LT	CE	35	2	AGG		8			39	
54+33.0	LT	SHOULDER	SEE PLANS		AGG		36				
54+34.0	RT	PE	12	5	ASPH	17		3			20
55+66.0	RT	PE	TBR								33
56+18.0	LT	PE	12	15	CONC				27		40
56+67.9	RT	PE	12	20	AGG		21		11		11
56+89.9	RT	PE	28	9	AGG		28		21		32
57+65.4	LT	PE	12	12	AGG		14		12		10
57+84.4	LT	PE	12	13	AGG		15		12		11
57+93.9	RT	PE	12	7	AGG		7		11		14
62+94.2	RT	CE	35	12	AGG		54			31	39
63+52.4	RT	PE	12	5	AGG		6		12		8
64+25.1	RT	ALLEY	13	34	ASPH	58		10		11	37
24+30.0	LT	ALLEY	13	13	ASPH	21		4		10	19
66+30.1	RT	ALLEY	13	26	ASPH	40		7		10	11
66+32.6	LT	ALLEY	13	19	ASPH	27		5		11	7
66+17.7	RT	PE	12	8	CONC				25		20
66+17.7	LT	PE	12	8	AGG		8		12		
66+62.7	RT	PE	12	14	CONC				27		28
67+06.7	LT	CE	24	17	ASPH	40		7		18	206
67+46.7	RT	PE	12	14	AGG		17		29		6
67+80.7	LT	CE	24	10	ASPH	32		6		18	220
68+41.7	RT	CE	32	14	ASPH	58		10		24	39
WEST MAIN STREET											
50+19.20	RT	CE	35		ASPH					31	32
IL ROUTE 13											
91+55.0	RT	CE	24		AGG		33				
92+10.0	RT	CE	24		AGG		33				
93+37.0	RT	CE	24		AGG		31				
93+52.8	LT	CE	24		ASPH	14		3		27	127
94+00.8	LT	CE	24		ASPH	19		4		27	148
94+52.4	LT	ALLEY	12		ASPH	3		1		15	
95+04.0	RT	CE	35	SEE PLANS	ASPH		59				
96+79.0	LT	PE	12		AGG				13		
97+38.0	LT	PE	24		AGG				16		
98+23.5	LT	ALLEY	12		ASPH	2		1		11	
101+54.0	RT	PE	22		ASPH					15	23
101+83.8	LT	ALLEY	15		ASPH	14		3		22	
TOTAL						**345**	**370**	**64**	**228**	**320**	**1,141**

ENTRANCE NOTES:

1. PRIOR TO CONSTRUCTION, THE ENGINEER WILL CONTACT EACH PROPERTY OWNER AND VERIFY THE LOCATION AND WIDTH OF ALL ENTRANCES. THE CONTRACTOR SHALL CONFIRM THE FINAL LOCATIONS AND WIDTHS WITH THE ENGINEER PRIOR TO CONSTRUCTION.
2. INCIDENTAL HMA SURFACING QUANTITY IS CALCULATED AT A RATE OF 112 LB / SQ YD / IN. BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT) ARE REQUIRED BUT WILL NOT BE MEASURED SEPARATELY FOR PAYMENT. THE COST FOR BITUMINOUS MATERIALS AND AGGREGATE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR INCIDENTAL BITUMINOUS SURFACING. NOMINAL THICKNESS = 3".
3. DEPRESSED CURB AND GUTTER THROUGH ENTRANCES SHALL BE MEASURED FOR PAYMENT AS COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24.

SIGN AND POST SCHEDULE

STATION	LOCATION	NUMBER	TYPE	DESCRIPTION	SIGN PANEL T1 72000100 (SQ FT)	SIGN PANEL T1 SPL 72000105 (SQ FT)	METAL AND WOOD POSTS NO. OF POSTS	METAL POST TYPE A 72900100 (FOOT)	METAL POST TYPE B 72900200 (FOOT)
17TH STREET									
51+05	WEST MAIN ST	1	R3-I100	RIGHT LANE MUST TURN RIGHT	4		1		14
52+47	IL ROUTE 13	2		"S 17TH ST"		6	MOUNT ON MAST ASSEMBLY		
52+47	IL ROUTE 13	2		"S BELT WEST"		8	MOUNT ON MAST ASSEMBLY		
52+47	IL ROUTE 13	4	R10-12	LEFT TURN YIELD ON GREEN	20		MOUNT ON MAST ASSEMBLY		
52+47	IL ROUTE 13	8		PED PUSH BUTTON		6	MOUNT ON MAST ASSEMBLY		
54+50	FRANKLIN AVE	2	R1-1 30"	STOP	12.5		2		26
54+90	17TH ST	1	R3-9B	TWO-WAY LEFT TURN ONLY	6		1		13
58+20	17TH ST	1	R3-9B	TWO-WAY LEFT TURN ONLY	6		1		13
58+95	RAAB AVE	4	R1-1 30"	STOP	25.0		4		52
59+90	17TH ST	1	R3-9B	TWO-WAY LEFT TURN ONLY	6		1		13
63+20	17TH ST	1	R3-9B	TWO-WAY LEFT TURN ONLY	6		1		13
64+85	CN RAILROAD	2	W10-1	RAILROAD CROSSING	18.0		2	26	
67+40	17TH ST	1	R3-9B	TWO-WAY LEFT TURN ONLY	6		1		13
69+76	WEST MAIN ST	2		"W MAIN ST"		6	MOUNT ON MAST ASSEMBLY		
69+77	WEST MAIN ST	1		"N 17TH ST / S 17TH ST"		10	MOUNT ON MAST ASSEMBLY		
69+77	WEST MAIN ST	1		"N 17TH ST / S 17TH ST"		10	MOUNT ON MAST ASSEMBLY		
69+78	WEST MAIN ST	4	R10-12	LEFT TURN YIELD ON GREEN	20		MOUNT ON MAST ASSEMBLY		
69+79	WEST MAIN ST	6		PED PUSH BUTTON		4.5	MOUNT ON MAST ASSEMBLY		
TOTAL					**129.5**	**50.5**		**26**	**157**

SEEDING SCHEDULE

STATION	STATION	SEEDING CL 1 SPL 25000900 (ACRE)	NITROGEN FERT NUTR (NOTE1) (POUND)	PHOSPHORUS FERT NUTR (NOTE1) (POUND)	POTASSIUM FERT NUTR (NOTE1) (POUND)	MULCH METHOD 2 (NOTE1) (TON)
17TH STREET						
50+86.31	52+46.77	0.1	9	9	9	0.2
52+46.77	54+49.71	0.1	9	9	9	0.2
54+49.71	58+94.93	0.1	9	9	9	0.2
58+94.93	64+85.01	0.1	9	9	9	0.2
64+85.01	69+75.99	0.3	27	27	27	0.6
IL ROUTE 13						
90+38.00	92+84.32	0.1	9	9	9	0.2
92+84.32	96+26.69	0.1	9	9	9	0.2
96+26.69	100+03.78	0.2	18	18	18	0.4
100+03.78	102+02.00	0.1	9	9	9	0.2
TOTAL		**1.2**	**108**	**108**	**108**	**2.4**

SEEDING NOTES:

1. FERTILIZER AND MULCH QUANTITIES ARE SHOWN FOR INFORMATION ONLY. THE COST FOR FERTILIZER NUTRIENTS AND MULCH SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR SEEDING, CLASS 1 (SPECIAL).

TREE REMOVAL SCHEDULE

STATION	OFFSET	TREE REMOV 6 - 15 20100110 (UNIT)	TREE REMOV OVER 15 20100210 (UNIT)
17TH STREET			
51+38	RT		40
51+89	RT		16
52+78	LT	12	
52+79	LT	10	
52+85	RT		22
52+86	RT		18
53+14	RT		18
53+34	LT		24
53+56	LT		24
58+00	LT	14	
58+26	LT		16
58+52	LT		16
60+32	RT		20
60+58	RT		20
61+11	RT		26
62+17	LT		26
66+38	LT	12	
66+49	LT	12	
IL ROUTE 13			
97+55	RT		16
97+91	L		34
98+01	RT	14	
TOTAL		**74**	**336**

PLOT DATE = 9/9/2009
FILE NAME = N:\PJ\24842\Microstation\PS\soq.dgn
PLOT SCALE = 20.0000 ' / IN.
USER NAME = kste

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	11
STA. 50+00	TO STA. 56+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN

DATE	BY	
		SURVEYED
		PLOTTED
		ALIGNMENTS CHECKED
		GRADES CHECKED
		XS & QUANTITIES CHKD
		CADD FILE NAME

NOTE BOOK
NO.

PROFILE

DATE	BY	
		SURVEYED
		PLOTTED
		GRADES CHECKED
		XS & QUANTITIES CHKD
		STRUCTURE NO'S/ITMS CHKD

NOTE BOOK
NO.

PLOT DATE = 9/9/2009
FILE NAME = H:\P_24642\Microstation\V8\plan02.dgn
PLOT SCALE = 20.0000 ' / IN.
USER NAME = kate

08-20.0-415-009
N/F EMILIA POELKER TRUST

08-20.0-416-005
N/F SARA L JOHNSON

08-20.0-416-006
N/F DONALD & SARA JOHNSON

08-20.0-416-007
N/F ANDREW NEWTON

08-20.0-417-009
N/F ROSEMARY NALIBORSKI

08-20.0-417-012
N/F GERALD JR & AMY BACH

08-20.0-420-001
N/F PENNY K KESSLER

08-20.0-420-003
N/F WILLIAM R WUEBBELS

08-20.0-420-004
N/F WILLIAM R WUEBBELS

08-20.0-421-001
N/F JEREMIAH R. KLOTZ

08-20.0-421-002
N/F DIXIE DE HART, ET AL

08-20.0-422-001
N/F CHARLES W JR & PATRICIA HASENSTAB

08-20.0-422-002
N/F BOBBY L & LORRAINE S CARMACK

143 FOOT CH LK FENCE 6
1 EACH CH LK GATES 6X16 DBL
1 EACH CH LK GATES SPL
231 FOOT CH LK FENCE REMOV
2 EACH CH LK GATES REMOV

+55.5 12' W AGG CE
+45 35' W AGG CE
+79 12' W AGG PE

2 CENTERED CURVE
50' - 350'
15' OFFSET

2 CENTERED CURVE
50' - 350'
11' OFFSET

2 CENTERED CURVE
50' - 350'
13' OFFSET

2 CENTERED CURVE
50' - 350'
13' OFFSET

BUNSEN AVENUE
+99.86
(OIL & CHIP)

FUTURE CONSTRUCTION
TEMPORARY TRANSITION PAVEMENT
1:15 TAPER
EX ROW
PR ROW
TCE
℄ IL RTE 13
S 17TH STREET
BEGIN SECTION STA 50+86.33
81°0'8"
89°52'07"
89°55'04"
74°17'15"
50+00
55+00
PR STORM SEWER (BY OTHERS)
RELOCATE FENCE (BY OTHERS)
CONSTRUCTION LIMITS
639 SQ FT SEGMENTAL CONCRETE BLOCK WALL
192 SQ FT SEGMENTAL CONCRETE BLOCK WALL
841 SQ FT SEGMENTAL CONCRETE BLOCK WALL
694 SQ FT SEGMENTAL CONCRETE BLOCK WALL
6' PCC SIDEWALK
FRANKLIN AVE +49.71 (ASPH)
℄ PROPOSED S 17TH STREET
BUILDING TBR BY OTHERS
TBR
STA. 96+26.69 FAU RTE 9251=
STA. 52+46.77 FAU RTE 9167

SCALE: 1" = 20'

EXISTING GROUND LINE
PROPOSED PROFILE GRADE LINE

K = 40
220.00' V.C.
-4.00%
+1.50%
VPI STA. 50+70.00
ELEVATION 524.22

+1.50%
VPI STA. 52+19.77
ELEVATION 526.47
VPI STA. 52+30.27
ELEVATION 526.63
-1.50%

VPI STA. 52+46.77
ELEVATION 526.87
-1.50%
VPI STA. 52+65.00
ELEVATION 526.60
-0.30%

K = 26
140.00' V.C.
-0.30%
+5.00%
VPI STA. 53+35.00
ELEVATION 526.39

+5.00%
VPI STA. 54+10.00
ELEVATION 530.14
VPI STA. 54+25.00
ELEVATION 530.89

K = 45
240.00' V.C.
+5.00%
-0.30%
VPI STA. 55+45.00
ELEVATION 536.89

50+00	50+50	51+00	51+50	52+00	52+50	53+00	53+50	54+00	54+50	55+00	55+50
527.43 / 527.22	525.89 / 526.03	525.48 / 525.47	525.49 / 525.53	525.63 / 526.17	526.65 / 526.83	527.13 / 526.73	529.93 / 527.71	532.73 / 529.64	534.24 / 532.07	535.06 / 534.02	535.60 / 535.41

540 535 530 525 520 515 510 505

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	12
STA. 56+00		TO STA. 62+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
GRADES CHECKED
CADD FILE NAME
NOTE BOOK
NO.
DATE
BY
8"

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
R.R. CROSSING
STRUCTURE NO(S)/THIS CHKD
NOTE BOOK
NO.
DATE
BY

08-20.0-417-013
N/F DESIREE D BUTLER

08-20.0-417-014
N/F ROBERT J & JEANNETTE VERGES

08-20.0-417-015
N/F ROBERT J & JEANNETTE VERGES

08-20.0-417-016
N/F DONALD B & CAROL D BROWN

08-20.0-417-018
N/F DONALD B & CAROL D BROWN

08-20.0-418-011
N/F ROSE HEUER

08-20.0-418-012
N/F ROBERT & ELIZABETH ANN MEYER

08-20.0-418-013
N/F ROBERT & ELIZABETH ANN MEYER

08-20.0-418-014
N/F KATHY J. RAINBOLT & LISA K. MAHER

08-20.0-418-015
N/F JEFFREY S MAR

08-20.0-418-016
N/F JEFFREY S MARTIN

+18.0, 12'W CONC PE
+65.4, 12'W AGG PE
+84.4, 12'W AGG PE
POT Sta 58+75.15
RAAB AVE +94.96 (ASPH)
40'
10' 12'
12.4' R
CONSTRUCTION LIMITS
PR ROW
TCE
EX ROW
6' PCC SIDEWALK
TBR
25'
17'
56
57
58
59
60+00
61
62
℄ PROPOSED S 17TH STREET
179°53'26"
89°58'28"
29.4' LT
+67.9, 12'W AGG PE
+89.9, 28'W AGG PE
+93.9, 15'W AGG PE
RAAB AVE +94.93 (ASPH)
50'
20' 0 20' 40'
SCALE: 1" = 20'

08-20.0-422-003
N/F JRG HOLDINGS-BELLEVILLE, LLC

08-20.0-422-004
N/F DONALD W & WANDA L CRAMER

08-20.0-422-005
N/F THE SECRETARY OF HOUSING & URBAN DEVELOPMENT

08-20.0-422-006
N/F EUGENE PADGETT

08-20.0-423-001
N/F SHANNON L DUVALL

08-20.0-423-002
N/F PAMELA A. & DOUG BRIDGES

08-20.0-423-003
N/F GARY J. ORR

08-20.0-423-004
N/F GARY J. ORR

08-20.0-423-005
N/F CHERYL & JOSEPH SMITH, JR

08-20.0-423-006
N/F DEREK & MONICA MONK

PROPOSED PROFILE GRADE LINE
EXISTING GROUND LINE
VPI STA. 61+10.00
ELEVATION 535.20
-0.30%
-1.69%
100.00' V.C.
K = 72

	540	535	530	525	520	515	510	505
56+00		536.09						
56+50		536.28						
57+00		536.17						
57+50		536.02						
58+00		535.87						
58+50		535.70						
59+00		535.79						
59+50		535.49						
60+00		535.24						
60+50		535.01						
61+00		534.71						
61+50		534.19						
62+00		533.63						
		536.26						
		536.55						
		536.43						
		536.28						
		536.13						
		535.98						
		535.83						
		535.68						
		535.53						
		535.38						
		535.11						
		534.51						
		533.67						

PLOT DATE = 9/3/2009
FILE NAME = c:\projects\2\Microstation\09\plano2.dgn
PLOT SCALE = 20.0000 ' / IN.
USER NAME = kate

PLAN & PROFILE SHEETS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	13
STA. 62+00	TO STA. 66+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PROP. CURVE 17CL-1
PI STA. = 63+47.09
Δ = 27° 42' 25" (LT)
D = 19° 05' 55"
R = 300.00'
T = 73.98'
L = 145.07'
E = 8.99'
e = NONE
T.R. = NONE
S.E. RUN = NONE
P.C. STA = 62+73.11
P.T. STA = 64+18.18

08-20.0-418-017
N/F JAMES & STEPHANIE HAUKAP

08-20.0-418-018
N/F JAMES & STEPHANIE HAUKAP

RAILROAD OMISSION
STA. 64+77 TO STA. 64+94

08-20.0-418-019
N/F MARCELLA GOEDEKE, ET AL

118 SQ FT SEGMENTAL CONCRETE BLOCK WALL

CONSTRUCTION LIMITS

PC Sta 62+73.11

PT Sta 64+18.18

+430.03 13'W HMA ALLEY

TCE

PR ROW

EX ROW

83°53'31" 87°15'59" 85°38'14"

88°08'30" 89°59'00"

PCBC 543

+462.7 12'W CONC PE

+42.7 CONC PE 12'W

08-20.0-408-010
N/F JO ANN DRUNGO

08-20.0-408-011
N/F HELEN PHILLIPS TRUSTEE

08-20.0-408-012
N/F STILLWATER CORP TRUSTEE

08-20.0-408-014
N/F AURELIA AGNE

+330.12 13'W HMA ALLEY

62 63 64 65 66

25' 17' 17'

℄ PROPOSED S 17TH STREET

TCE
6' SIDEWALK

+583.37

CN RAILROAD

STA. 64+85.26

+425.07 13'W HMA ALLEY

+941.2 35'W AGG CE

+624.4 12'W AGG PE

08-20.0-423-007
N/F JAMES A. MIDDENDORF

08-20.0-423-025
N/F BELLEVILLE CHRISTIAN CENTER

08-20.0-423-008
N/F BELLEVILLE CHRISTIAN CENTER

08-20.0-423-023
N/F BELLEVILLE CHRISTIAN CENTER

08-20.0-423-010
N/F GERRY BRANDMEYER

20' 0 20' 40'
SCALE: 1" = 20'

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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
NOTE BOOK
NO.
STRUCTURE NO(S)/ATN'S CHKD
BY
DATE

-006

540 535 530 525 520 515 510 505

EXISTING GROUND LINE

K = 38
140.00' V.C.

-1.69% +1.95%

VPI STA. 65+80.00
ELEVATION 527.25

PROPOSED PROFILE GRADE LINE

533.63 533.67 | 532.95 532.83 | 532.00 531.98 | 530.84 531.14 | 529.40 530.29 | 528.04 529.45 | 528.06 528.60 | 526.78 527.97 | 527.71 527.96 | 528.71 528.61 | 529.84 529.59 | 530.91 530.56 | 531.91 531.63

62+00 62+50 63+00 63+50 64+00 64+50 65+00 65+50 66+00 66+50 67+00 67+50 68+00

PLOT DATE = 9/9/2009
FILE NAME = k:\p2004\2\Microstation\V8\plansa2.dgn
PLOT SCALE = 20.0000 ' / IN.
USER NAME = kate

PLAN & PROFILE SHEETS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	14
STA. 65+00	TO STA. 71+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

08-20.0-407-004
N/F WALTER AGNE

08-20.0-407-005
N/F CHARLES A FAHRNER

08-20.0-407-006
N/F ST MARYS CATHOLIC CHURCH

08-20.0-407-012
N/F ST MARYS CATHOLIC CHURCH

2 CENTERED CURVE
60' - 400'
9' OFFSET

08-20.0-407-009
N/F FRED & FLORENCE WAMSER

08-20.0-404-021
N/F DENNIS E. TRIBOUT

BUILDING TBR
BY OTHERS

STA. 48+76.73 FAU RTE 9182=
STA. 69+75.99 FAU RTE 9167

08-20.0-407-010
N/F WEST POINTE BANK & TR CO TRUST

08-20.0-407-011
CITY OF BELLEVILLE

BUILDING TBR
BY OTHERS

+32.6± 13'W HMA ALLEY

CONC CURB TB

+17.7 12'W AGG PE

+06.7 24'W ASPH CE

CONSTRUCTION LIMITS
TCE

+80.7 24'W ASPH CE

PE

PR ROW

6' PCC SIDEWALK

EX ROW

℄ PROPOSED
S 17TH STREET

END SECTION
STA 69+50.79

℄ WEST MAIN STREET

89°37'22"
88°55'42"
90°22'38"
91°4'18"

60'R

BUILDING TBR
BY OTHERS

08-20.0-322-012
N/F FAMILY VIDEO

08-21.0-322-007
N/F FAMILY VIDEO

+17.7 12'W CONC PE

+62.7 12'W CONC PE

EX ROW
PR ROW
TCE

+46.7 12'W AGG PE

TCE

+41.7 32'W ASPH CE

CONSTRUCTION LIMITS

STA. 48+79.49 FAU RTE 9182=
STA. 69+75.99 FAU RTE 9167

+30.12 13'W HMA ALLEY

08-20.0-408-014
N/F AURELIA AGNE

08-20.0-408-012
N/F STILLWATER CORP TRUSTEE

08-20.0-408-011
N/F HELEN PHILLIPS TRUSTEE

08-20.0-408-010
N/F JO ANN DRUNGO

2 CENTERED CURVE
50' - 350'
9' OFFSET

08-20.0-408-029
N/F DENNIS LUEHDER
1624 W MAIN ST

SCALE: 1" = 20'

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
GRADES CHECKED
BY
NOTE BOOK
NO.
DATE

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

K = 38
140.00' V.C.

K = 135
160.00' V.C.

EXISTING GROUND LINE

PROPOSED PROFILE GRADE LINE

-1.69%
+1.95%
+3.13%

VPI STA. 66+80.00
ELEVATION 527.25

VPI STA. 68+30.00
ELEVATION 532.12

528.06 528.60
526.78 527.97
527.71 527.96
528.71 528.61
529.84 529.59
530.91 530.56
531.91 531.63
533.12 532.88
534.30 534.31
535.87 535.88
536.28
536.76
536.26

65+00 65+50 66+00 66+50 67+00 67+50 68+00 68+50 69+00 69+50 70+00 70+50 71+00

540 535 530 525 520 515 510 505

PLOT DATE = 9/3/2009
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PLOT SCALE = 20.0000 ' / IN.
USER NAME = kate

PLAN & PROFILE SHEETS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	05-00207-00-PV	ST. CLAIR	89	15
STA. 90+00		TO STA. 96+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN
DRAWN
PLOTTED
CHECKED
ALIGNMENT CHECKED
BY
DATE
NOTE BOOK
NO.
CADD FILE NAME

S 19TH STREET

EX ROW

8" PCC PVT
4" AGG BASE CSE A

6' R

BEGIN CONSTRUCTION
STA 90+38.00

S 18TH STREET
+84.32

40'

08-20.0-416-001
N/F ZIAD A MUSA

CONSTRUCTION LIMITS

CONC CURB TB

+52.8 24' W
HMA CE

+00.8 24' W
HMA CE

CONC CURB TB

20'

ALLEY

+52.41 12'W
HMA ALLEY

08-20.0-416-006
N/F DONALD & SARA JOHNSON

2 CENTERED CURVE
50' - 350'
11' OFFSET

08-20.0-416-005

EX ROW

TCE

PR ROW

12" X 15" BOX

90+00 | 91 | 92 | 93 | 94 | 95+00 | 96

89°43'22"

16.5'

℄ IL RTE 13

4' 11' 4' 11'

10' 10' 10' 10.5' 10' 20' 4' 10' 20' 10' 10' 10' 14' 10'

HMA SHLD

HMA SHLD

EX ROW

+55 24' W
AGG CE

+10 24' W
AGG CE

CONSTRUCTION LIMITS

2 1/2" HMA SC "D" N70
4" HMA BC IL-19.0 N70
4" AGG BASE CSE A

+37 24' W
AGG CE

08-20.0-415-004
N/F STEPHEN D &
LAURA J WIEDAU

NO ALLEY

20'

+04 35' W
HMA CE

2 CENTERED CURVE
50' - 350'
15' OFFSET

08-20.0-415-009
N/F EMILIA POELKER TRUST

N

20' 0 20' 40'

SCALE: 1" = 20'

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
ALIGNMENT CHECKED
STRUCTURE NO
TYP
STRS CHKD
BY
DATE
NOTE BOOK
NO.

PROPOSED PROFILE GRADE LINE

EXISTING GROUND LINE

-0.12%

-0.23%

540 535 530 525 520 515 510 505

90+00	90+50	91+00	91+50	92+00	92+50	93+00	93+50	94+00	94+50	95+00	95+50	96+00
528.07	527.67 / 527.71	527.26 / 527.48	527.14 / 527.35	527.05 / 527.26	527.03 / 527.24	527.01 / 527.22	526.93 / 527.14	526.81 / 527.02	526.75 / 526.96	526.61 / 526.82	526.48 / 526.69	526.54 / 526.75

PLOT DATE = 9/3/2009
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PLOT SCALE = 20.0000 ' / IN.
USER NAME = kcs

PLAN & PROFILE SHEETS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	05-00207-00-PV	ST. CLAIR	89	16
STA. 96+00	TO STA. 102+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN

DATE	BY	
		SURVEYED
		PLOTTED
		ALIGNMENT CHECKED
		GRADES CHECKED
		CADD FILE NAME

NOTE BOOK
NO.

08-20.0-421-002
N/F DIXIE DE HART, ET AL

08-20.0-421-001
N/F JEREMIAH R. KLOTZ

2 CENTERED CURVE
50' - 350'
13' OFFSET

BUILDING & FENCE TBR
BY OTHERS

STA. 96+26.69 FAU RTE 9251=
STA. 52+46.77 FAU RTE 9167

℄ 17TH STREET

℄ IL RTE 13

89°52'07"

74°17'15"

81°37'11"

89°58'02"

89°54'35"

179°16'28"

EX ROW

PR ROW

20'

+23.50 12" W
HMA ALLEY

08-20.0-421-004
N/F JODY A JORDAN

597 SQ FT SEGMENTAL
CONCRETE BLOCK WALL

POTS Sta 99+21.68

8" PCC PVT
4" AGG BASE CSE A

50' LT

PCC SIDEWALK

TCE

5'

S 16TH STREET
+03.78

CONSTRUCTION
LIMITS

+83.78 15" W
HMA ALLEY

END CONSTRUCTION
STA 102+00.00

HMA SHLD

16.5'

4'

11'

+38 24" W
AGG PE

+79 12" W
AGG PE

08-20.0-420-017
N/F CLIFFORD W &
MARY ANN SLADE

08-20.0-420-003
N/F WILLIAM R WUEBBELS

NO ALLEY

08-20.0-420-012
N/F HELEN A EVANSCO

2 1/2" HMA SC "D" N70
4" HMA BC IL-19.0 N70
4" AGG BASE CSE A

+54 22" W
HMA PE

S 16TH STREET
+00.90

60'

SCALE: 1" = 20'

PROFILE

DATE	BY	
		SURVEYED
		PLOTED
		GRADES CHECKED
		DATUM NGVD
		STRUCTURE NO(ATN)S CH'KD

NOTE BOOK
NO.

PROPOSED PROFILE GRADE LINE

EXISTING GROUND LINE

+0.75

+0.60

96+00	96+50	97+00	97+50	98+00	98+50	99+00	99+50	100+00	100+50	101+00	101+50	102+00
526.54 / 526.75	526.76 / 526.97	527.10 / 527.31	527.49 / 527.70	527.88 / 528.09	528.26 / 528.47	528.56 / 528.77	528.87 / 529.08	529.11 / 529.32	529.28 / 529.49	529.40 / 529.61	529.45 / 529.59	529.50

540 535 530 525 520 515 510 505

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PLOT SCALE = 20.0000 ' / IN.
USER NAME = kate

08-20.0-416-005
SARA L JOHNSON

PLAN & PROFILE SHEETS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9182	05-00207-00-PV	ST. CLAIR	89	17
STA. 45+50	TO STA. 51+50			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

08-20.0-404-015
N/F PAUL S MILLER &
EDWARD D LAUX

08-20.0-404-025
N/F EDWARD &
DEBRA LAUX

08-20.0-404-026
N/F EDWARD &
DEBRA LAUX

08-20.0-404-019
N/F DENNIS E. TRIBOUT

08-20.0-404-021
N/F DENNIS E. TRIBOUT

SEE PAVEMENT MARKING
PLANS FOR WORK NORTH
OF STA 70+50

℄ N 17TH
STREET

08-20.0-322-012
N/F FAMILY VIDEO

08-21.0-322-007
N/F FAMILY VIDEO

08-21.0-322-008
N/F HEANG ROBERTSON

BUILDING TBR
BY OTHERS

PR ROW

60'R

CONSTRUCTION
LIMITS

N 17TH STREET

STA. 48+79.49 FAU RTE 9182=
STA. 69+75.99 FAU RTE 9167

BOLLARDS

PT Sta. 49+99.15

WEST MAIN STREET

SEE PAVEMENT MARKING
PLANS FOR WORK WEST
OF STA 46+00

SEE PAVEMENT MARKING
PLANS FOR WORK EAST
OF STA 51+00

46 47 48 49 50+00 51

91°41'18"
88°55'42"
89°37'22"
90°22'38"
2.76'

℄ WEST MAIN STREET

EXIST. CURVE EXWMAIN-1
PI STA. = 47+29.35
Δ = 5° 24' 00" (LT)
D = 1° 00' 00"
R = 5,729.58'
T = 270.20'
L = 540.00'
E = 6.37'
e = NC
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 44+59.15
P.T. STA. = 49+99.15

℄ S 17TH STREET

STA. 48+76.73 FAU RTE 9182=
STA. 69+75.99 FAU RTE 9167

2 CENTERED CURVE
60' - 400'
9' OFFSET

BUILDING TBR
BY OTHERS

GV

69

08-20.0-407-011
CITY OF BELLEVILLE

DEC

2 CENTERED CURVE
50' - 350'
9' OFFSET

EX ROW

+19.20 35' W
HMA CE

08-20.0-408-029
N/F DENNIS LUEHDER

08-20.0-408-004
N/F VIDEO, TV &
RADIO SOURCE

CONSTRUCTION
LIMITS

08-20.0-407-006
N/F ST MARYS CATH CH

08-20.0-407-009
N/F FRED & FLORENCE WAMSER

20' 0 20' 40'
SCALE: 1" = 20'

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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
ALIGNMENT
NOTE BOOK
NO.
STRUCTURE NO(S)/RR'S CK'RD
BY
DATE

PLOT DATE = 9/3/2009
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USER NAME = kate

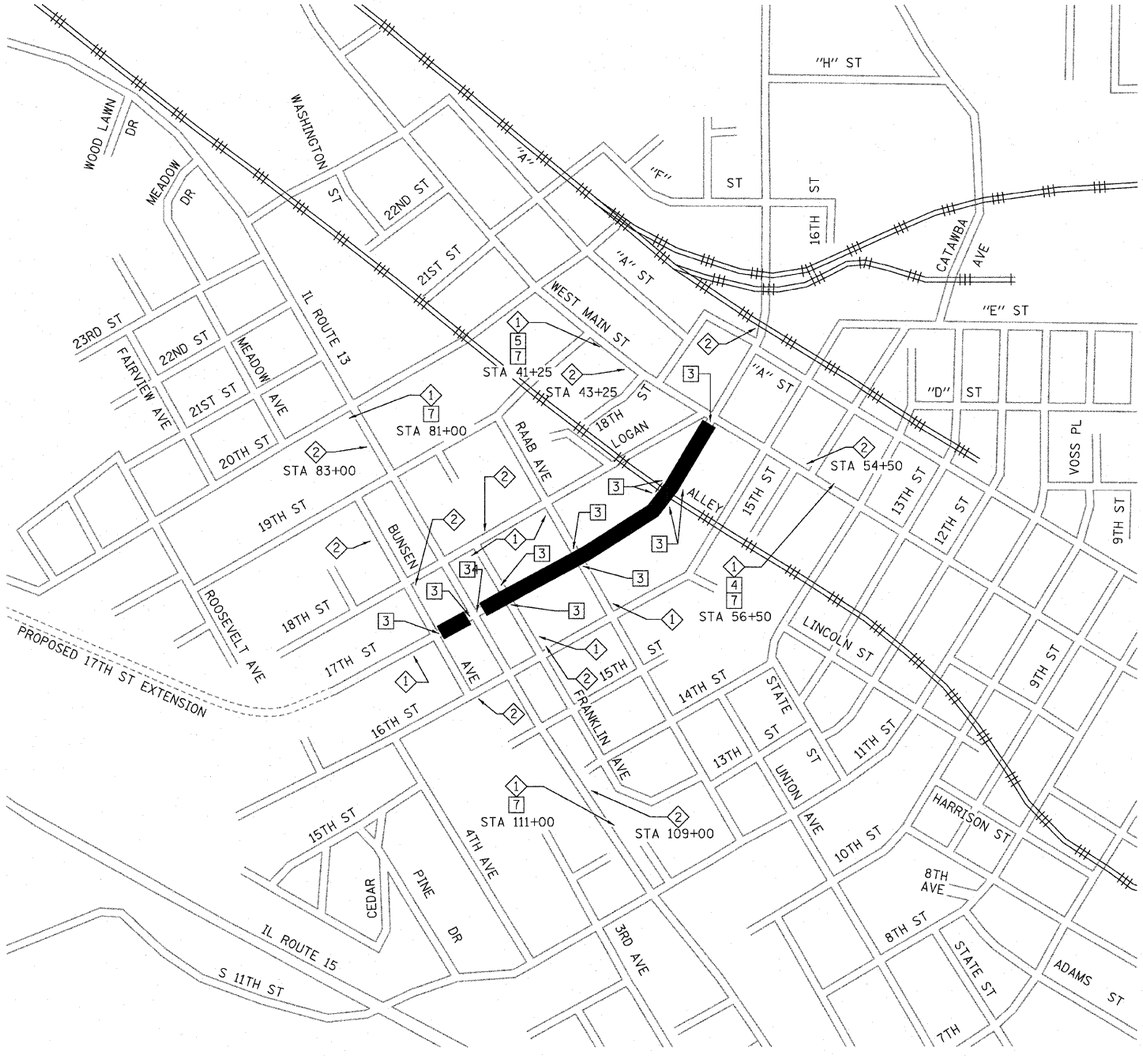
STA. 69+75.99 FAU RTE 9167 (S. 17TH STREET)
STA. 69+75.99 FAU RTE 9167 (N. 17TH STREET)
EXISTING GROUND LINE

45+50	46+00	46+50	47+00	47+50	48+00	48+50	49+00	49+50	50+00	50+50	51+00	51+50
533.75	533.91	534.31	534.71	535.05	535.50	536.11	536.61	537.26	537.79	538.27	538.38	537.48

540 535 530 525 520 515 510 505

CONTRACT NO. 97342

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	18
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



N

NOT TO SCALE

NOTES

1. TYPE III BARRICADES AND ROAD CLOSURE SIGNS SHALL BE POSITIONED AS SHOWN, IN ACCORDANCE WITH HIGHWAY STANDARD 701901 AND AS DIRECTED BY THE ENGINEER.
2. TYPE A LOW INTENSITY FLASHING WARNING LIGHTS SHALL BE USED ON EACH SIGN IN ADVANCE OF THE WORK DURING HOURS OF DARKNESS.
3. ALL WARNING SIGNS SHALL BE A MINIMUM OF 48" x 48" AND HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.
4. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ENTRANCES AT ALL TIMES.
5. LONGITUDINAL DISTANCES MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
6. ALL TYPE III BARRICADES UTILIZED FOR ROAD CLOSURES SHALL HAVE A LOW INTENSITY FLASHING LIGHT MOUNTED ON TOP OF EACH BARRICADE.
7. EXACT LOCATION OF ALL WARNING SIGNS AND BARRICADES SHALL BE STAKED IN THE FIELD FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
8. ALL RESIDENTS FRONTING THE PROJECT SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ROAD CLOSURES AFFECTING THEIR ACCESS.
9. SEE HIGHWAY STANDARD 701501 AND 701701 FOR LANE CLOSURES ON IL ROUTE 13 AND WEST MAIN STREET, RESPECTIVELY.

LEGEND

1. W20-3(0)-48 (ROAD CLOSED AHEAD)
2. W20-1(0)-48 (ROAD CONSTRUCTION AHEAD)
3. TYPE III BARRICADES W/ R-11-2-4830 (ROAD CLOSED) SIGN AND TYPE A LOW INTENSITY FLASHING LIGHTS
4. 24" x 24"
5. 24" x 24"
6. 24" x 24"
7. W16-8(0)-1808 (ALL 4" LETTERS) — 17TH ST

WORK ZONE

TYPE A LOW INTENSITY FLASHING LIGHT

1 or 2

48" x 48" FLUORESCENT ORANGE

PLOT DATE = 9/3/2009
FILE NAME = k:\05-00207-00-pv\Microstation\V8\tcsh2.dgn
PLOT SCALE = 20.0000 '/ IN.
USER NAME = kate

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	19
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LEGEND

LIMITS OF CONSTRUCTION

PERIMETER EROSION BARRIER- SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER

INLET AND PIPE PROTECTION

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

BUNSEN AVE

50+00

51

52

S 17TH STREET

2' x 15' BOX

96

IL ROUTE 13

97

53

54

55+00

S 17TH STREET

FRANKLIN AVE

20' 0 20' 40'

SCALE: 1" = 20'

RAAB AVE

56

S 17TH STREET

57

58

59

60+00

61

S 17TH STREET

62

POST

20' 0 20' 40'

SCALE: 1" = 20'

PLOT DATE = 9/3/2009
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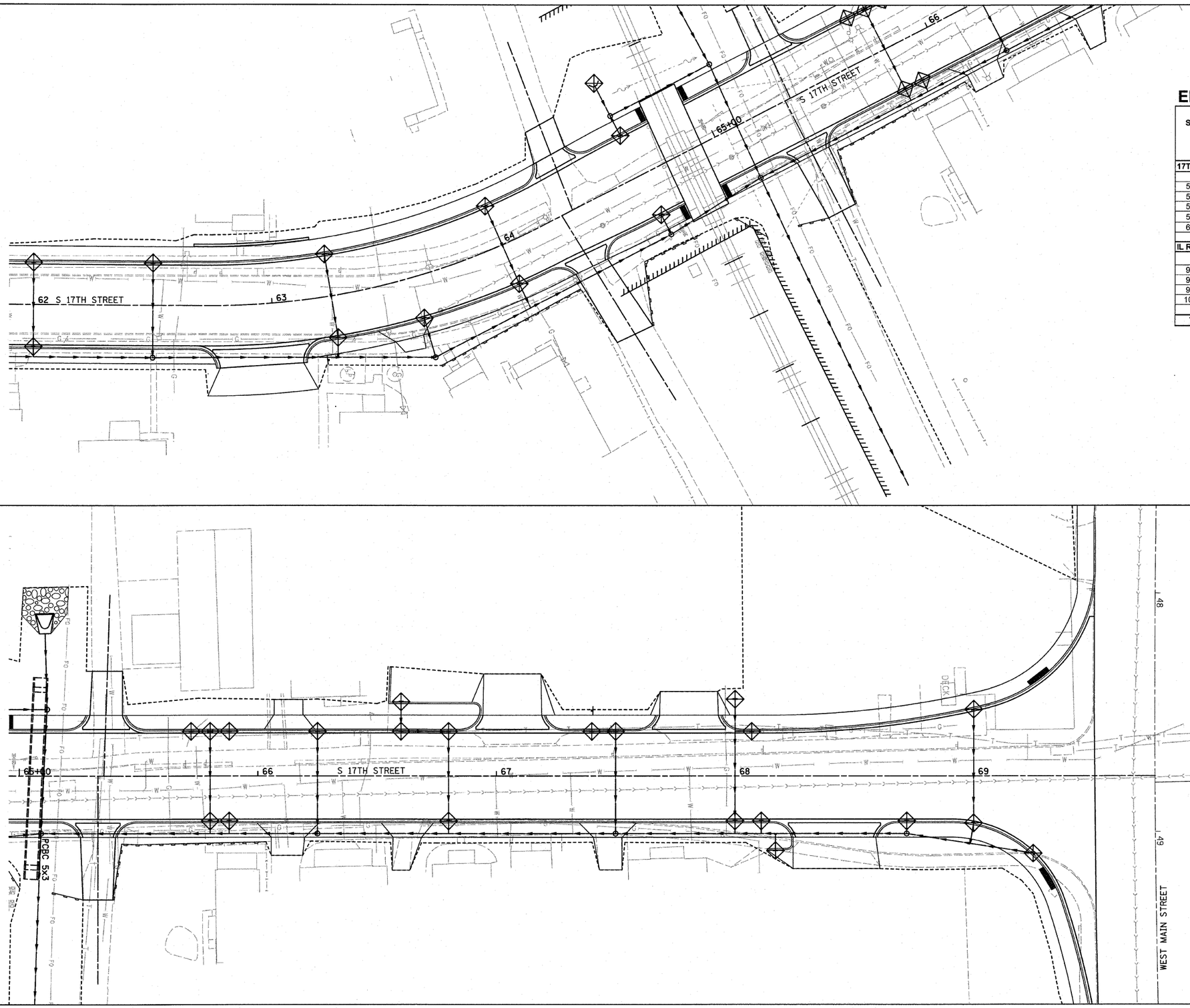
EROSION CONTROL PLAN

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	20
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EROSION CONTROL SCHEDULE

STATION	STATION	TEMP EROS CONTR SEED 28000250 (POUND)	PERIMETER EROS BAR 28000400 (FOOT)	INLET & PIPE PROTECTION 28000500 (EACH)
17TH STREET				
50+86.31	52+46.77	10	218	6
52+46.77	54+49.71	5		8
54+49.71	58+94.93	8	113	14
58+94.93	64+85.01	5	67	21
64+85.01	69+75.99	31	205	24
IL ROUTE 13				
90+38.00	92+84.32	3	329	1
92+84.32	96+26.69	3	428	11
96+26.69	100+03.78	21	271	4
100+03.78	102+02.00	5	175	
TOTAL		91	1,805	89

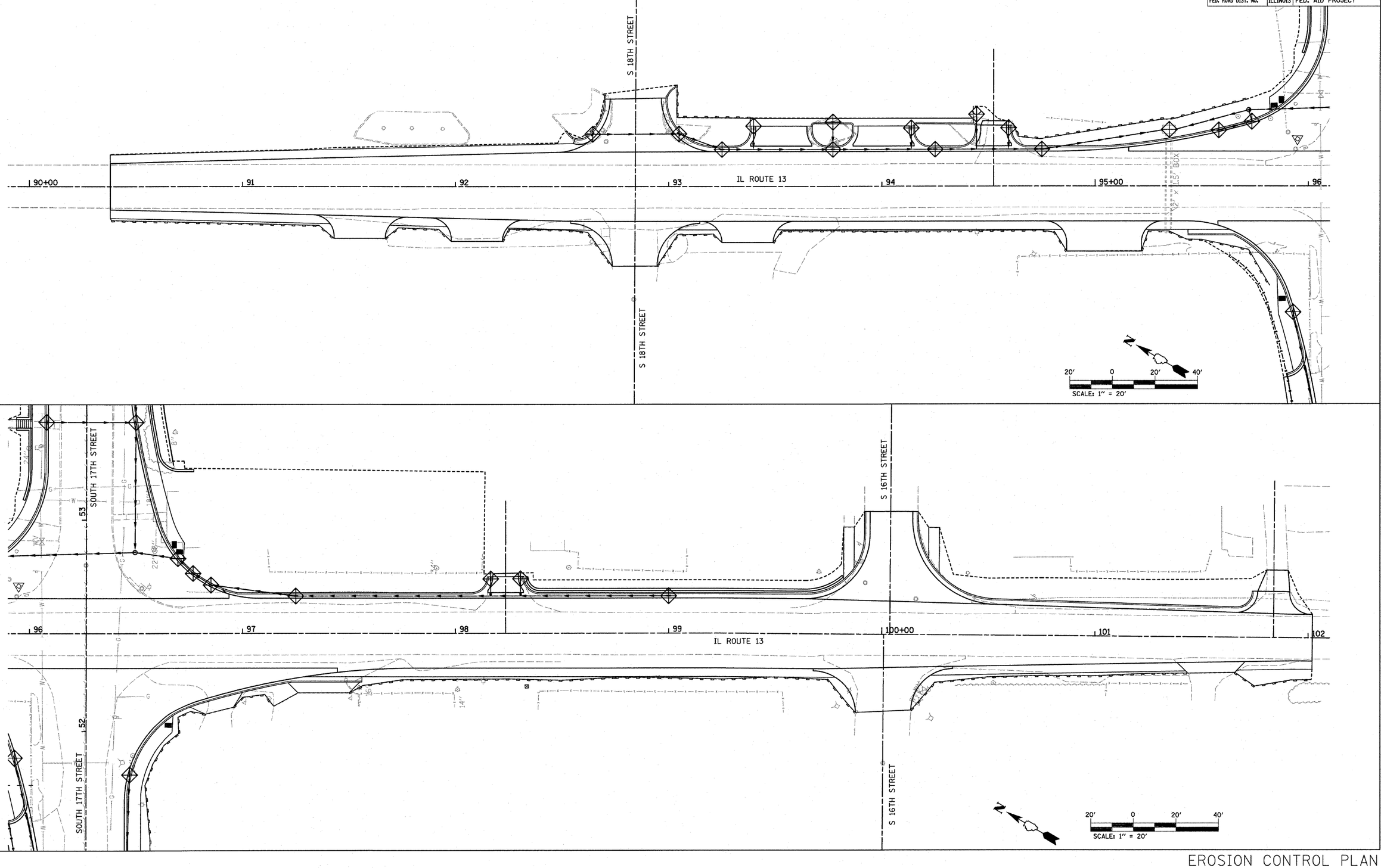


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EROSION CONTROL PLAN

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	05-00207-00-PV	ST. CLAIR	89	21
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLOT DATE = 9/3/2009
FILE NAME = H:\P\24842\Microstation\01\swppp002.dgn
PLOT SCALE = 20.0000 ' / IN.

EROSION CONTROL PLAN

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	22
STA. 50+00		TO STA. 56+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

INLET TA T11F&G
+30.00, 21.5' LT
EOP 525.43
INV 522.88
10 FOOT SS 1 RCP
CL 4 12" @ 0.3%
2 CU YD TRENCH BACKFILL

INLET TA T11F&G
+87.50, 33.6' LT
EOP 525.88
INV 523.06
59 FOOT SS 1 RCP
CL 4 12" @ 0.3%
8 CU YD TRENCH BACKFILL

INLET TA T11F&G
+20.00, 20.4' LT
EOP 525.33
INV 522.85
34 FOOT SS 1 RCP
CL 4 12" @ 0.3%
5 CU YD TRENCH BACKFILL

INLET TB T11F&G
+20.00, 18.76' RT
EOP 525.09
INV 522.77
8 FOOT SS 1 RCP
CL 4 12" @ 0.3%
2 CU YD TRENCH BACKFILL

INLET TB T11F&G
+30.00, 18.76' RT
EOP 525.10
INV 522.80
10 FOOT SS 1 RCP
CL 4 12" @ 0.3%
2 CU YD TRENCH BACKFILL

INLET TA T11F&G
+80.00, 20.4' RT
EOP 525.63
INV 522.95
50 FOOT SS 1 RCP
CL 4 12" @ 0.3%
7 CU YD TRENCH BACKFILL

INLET TA T11F&G
+45.99, 17.76' LT
EOP 527.51
INV 523.76
42 FOOT SS 1 RCP
CL 4 12" @ 1.0%
6 CU YD TR BACKFILL

POT STA 53+53.52

179°43'04"

INLET TA T8G
+32.66, 38.1' RT
EOP 532.0
INV 528.41
15 FOOT SS 1 RCP
CL 4 12" @ 15%
2 CU YD TR BACKFILL

INLET TA T8G
+66.66, 37.0' RT
EOP 531.5
INV 528.06
15 FOOT SS 1 RCP
CL 4 12" @ 5.0%
2 CU YD TR BACKFILL

INLET TA T11F&G
+90.00, 17.76' LT
EOP 533.57
INV 529.54
36 FOOT SS 1 RCP
CL 4 12" @ 1.0%
6 CU YD TR BACKFILL

INLET TA T11F&G
+50.00, 17.76' LT
EOP 535.31
INV 531.44
36 FOOT SS 1 RCP
CL 4 12" @ 1.0%
4 CU YD TR BACKFILL

INLET TA T11F&G
+90.00, 17.76' RT
EOP 533.36
INV 528.61
5 FOOT SS 1 RCP
CL 4 12" @ 8.5%
2 CU YD TRENCH BACKFILL

INLET TA T11F&G
+50.00, 17.76' RT
EOP 535.10
INV 531.08
5 FOOT SS 1 RCP
CL 4 12" @ 1.0%
2 CU YD TR BACKFILL

2' x 1.5' BOX

50+00 | 51 | 52 | 53 | 54 | 55+00

20' 0 20' 40'
SCALE: 1" = 20'

INLET TB T11F&G
+46.00, 23.1' RT
EOP ELEV 527.39
INV N 523.20
INV W 523.34
INV S 523.20

61 FOOT, SS 2 RCP
CL 3 12" @ 2.00%
11 CU YD TRENCH BACKFILL

186 FOOT, SS 2 RCP
CL 3 12" @ 3.4%
36 CU YD TRENCH BACKFILL

MAN TA 4 DIA TIF CL
+50.00, 22.0' RT
TOP ELEV 535.10
INV W 531.02
INV S 530.14

RC PIPE TEE 12P 12R
+90.00, 22.3' RT

RC PIPE TEE 12P 12R
+66.66, 22.5' RT

RC PIPE TEE 12P 12R
+32.66, 22.7' RT

	50+00	50+50	51+00	51+50	52+00	52+50	53+00	53+50	54+00	54+50	55+00	55+50
527.43 / 527.22												
525.89 / 526.03												
525.48 / 525.47												
525.49 / 525.53												
525.63 / 526.17												
526.65 / 526.83												
527.13 / 526.73												
529.93 / 527.71												
532.73 / 529.64												
534.24 / 532.07												
535.06 / 534.02												
535.60 / 535.41												

540 535 530 525 520 515 510 505

PLAN
CORRECTED
PLOTTED
ALIGNMENT CHECKED
RELIEF CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY DATE

PROFILE
CORRECTED
PLOTTED
GRADES CHECKED
RELIEF CHECKED
STRUCTURE NO(S).
NOTE BOOK
NO.
BY DATE

PLOT DATE = 9/3/2009
FILE NAME = c:\projects\Marcelstation98\planroa2_SS.dgn
PLOT SCALE = 20.0000 ' / IN.
USER NAME = kate

STORM SEWER PLAN & PROFILE

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	23
STA. 56+00	TO STA. 62+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

PROFILE
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
CADD FILE NAME
STRUCTURE NO(S) IF APPLICABLE
NOTATIONS CHKD
BY
DATE

(1) INLET TB T11F&G
+84.2, 45' LT
EOP 535.79
INV 532.28
8 FOOT SS 1 RCP
CL 4 12" @ 2.0%
2 CU YD TRENCH BACKFILL

(2) INLET TB T11F&G
+84.2, 37.0' LT
EOP 535.75
INV 532.12
27 FOOT SS 2 RCP
CL 3 12" @ 2.0%
4 CU YD TRENCH BACKFILL

(3) INLET TA T11F&G
+07.7, 53.0' LT
EOP 535.85
INV 532.82
8 FOOT SS 1 RCP
CL 4 12" @ 1.0%
2 CU YD TRENCH BACKFILL

INLET TA T11F&G
+50.0, 17.76' LT
EOP 536.17
INV 532.36
36 FOOT SS 1 RCP
CL 4 12" @ 1.0%
5 CU YD TRENCH BACKFILL

INLET TA T11F&G
+15.0, 17.76' LT
EOP 535.98
INV 532.17
36 FOOT SS 1 RCP
CL 4 12" @ 1.0%
5 CU YD TRENCH BACKFILL

INLET TB T11F&G
+65.0, 17.76' LT
EOP 535.83
INV 531.58
36 FOOT SS 2 RCP
CL 3 12" @ 0.5%
5 CU YD TRENCH BACKFILL

INLET TA T11F&G
+84.1, 53.0' LT
EOP 535.83
INV 532.44
8 FOOT SS 1 RCP
CL 4 12" @ 2.0%
2 CU YD TRENCH BACKFILL

INLET TB T11F&G
+26.0, 17.76' LT
EOP 535.64
INV 531.39
24 FOOT SS 2 RCP
CL 3 12" @ 1.0%
5 CU YD TR BACKFILL

INLET TB T11F&G
+50.0, 17.76' LT
EOP 535.57
INV 531.15
36 FOOT SS 2 RCP
CL 3 12" @ 0.5%
7 CU YD TR BACKFILL

INLET TA T11F&G
+00.0, 17.76' LT
EOP 535.42
INV 531.61
36 FOOT SS 1 RCP
CL 4 12" @ 1.0%
5 CU YD TR BACKFILL

INLET TA T11F&G
+50.0, 17.76' LT
EOP 535.27
INV 531.43
36 FOOT SS 1 RCP
CL 4 12" @ 1.0%
5 CU YD TR BACKFILL

INLET TA T11F&G
+00.0, 17.76' LT
EOP 535.00
INV 531.17
36 FOOT SS 2 RCP
CL 3 12" @ 1.0%
5 CU YD TR BACKFILL

INLET TA T11F&G
+50.0, 17.76' LT
EOP 534.40
INV 530.27
40 FOOT SS 2 RCP
CL 3 12" @ 2.7%
8 CU YD TR BACKFILL

INLET TA T11F&G
+00.0, 17.76' LT
EOP 533.56
INV 529.69
36 FOOT SS 2 RCP
CL 3 12" @ 1.0%
5 CU YD TR BACKFILL

(4) INLET TB T11F&G
+07.7, 45.0' LT
EOP 535.80
INV 532.74
8 FOOT SS 1 RCP
CL 4 12" @ 1.0%
2 CU YD TRENCH BACKFILL

(5) INLET TB T11F&G
+07.7, 37.0' LT
EOP 535.75
INV 532.66
27 FOOT SS 2 RCP
CL 3 12" @ 1.0%
5 CU YD TRENCH BACKFILL

INLET TA T11F&G
+50.0, 17.76' RT
EOP 535.96
INV 532.00
4 FOOT SS 2 RCP
CL 3 12" @ 1.0%
1 CU YD TRENCH BACKFILL

INLET TA T11F&G
+15.0, 17.76' RT
EOP 535.77
INV 531.81
4 FOOT SS 2 RCP
CL 3 12" @ 4.5%
1 CU YD TRENCH BACKFILL

INLET TA T11F&G
+65.0, 17.76' RT
EOP 535.62
INV 531.40
4 FOOT SS 2 RCP
CL 3 12" @ 0.5%
1 CU YD TR BACKFILL

INLET TA T11F&G
+50.0, 17.76' RT
EOP 535.36
INV 530.97
4 FOOT SS 2 RCP
CL 3 12" @ 0.5%
1 CU YD TRENCH BACKFILL

INLET TA T11F&G
+00.0, 17.76' RT
EOP 535.21
INV 531.25
4 FOOT SS 2 RCP
CL 3 12" @ 1.4%
1 CU YD TRENCH BACKFILL

INLET TA T11F&G
+50.0, 17.76' RT
EOP 535.06
INV 531.07
4 FOOT SS 2 RCP
CL 3 12" @ 2.2%
1 CU YD TRENCH BACKFILL

INLET TA T11F&G
+00.0, 17.76' RT
EOP 535.79
INV 530.81
4 FOOT SS 2 RCP
CL 3 12" @ 2.8%
1 CU YD TR BACKFILL

POST STA 58+76.15
179°53'26"
40'
50'
56
57
58
59
60+00
61
62

SCALE: 1" = 20'

MAN TA 4 DIA T1F CL
+50.00, 22.0' RT
TOP ELEV 536.46
INV N 531.96
INV W 531.96

RC PIPE TEE 12P 12R
+15.00, 22.0' RT

MAN TA 4 DIA T1F CL
+65.00, 22.0' RT
TOP ELEV 536.11
INV N 531.38
INV W 531.38
INV S 531.38

MAN TA 4 DIA T1F CL
+50.00, 22.0' RT
TOP ELEV 535.89
INV N 530.95
INV W 530.95
INV S 530.95

109 FOOT, SS 2 RCP
CL 3 12" @ 0.50%
40 CU YD TRENCH BACKFILL

85 FOOT, SS 2 RCP
CL 3 12" @ 0.50%
31 CU YD TRENCH BACKFILL

RC PIPE TEE 18P 12R
+00.00, 22.0' RT

RC PIPE TEE 18P 12R
+50.00, 22.0' RT

RC PIPE TEE 18P 12R
+00.00, 22.0' RT

RC PIPE TEE 18P 12R
+50.00, 22.0' RT

276 FOOT, SS 2 RCP
CL 3 18" @ 1.00%
125 CU YD TRENCH BACKFILL

540
535
530
525
520
515
510
505

536.09 536.26
536.28 536.55
536.17 536.43
536.02 536.28
535.87 536.13
535.70 535.98
535.79 535.83
535.49 535.68
535.24 535.53
535.01 535.38
534.71 535.11
534.19 534.51
533.63 533.67

56+00 56+50 57+00 57+50 58+00 58+50 59+00 59+50 60+00 60+50 61+00 61+50 62+00

PLOT DATE = 9/3/2009
FILE NAME = c:\projects\Marcentech\R\plans\2_SS.dgn
PLOT SCALE = 20.0000 ' / IN.
USER NAME = keiw

STORM SEWER PLAN & PROFILE

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	24
STA. 62+00	TO STA. 66+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

INLET TA T11F&G
+25.0, 17.76' LT
EOP 531.45
INV 528.01
36 FOOT SS 1 RCP
CL 4 12" @ 1.0%
5 CU YD TR BACKFILL

INLET TA T11F&G
+50.0, 17.76' LT
EOP 532.72
INV 528.75
40 FOOT SS 2 RCP
CL 3 12" @ 2.0%
7 CU YD TR BACKFILL

INLET TA T11F&G
+00.0, 18.76' LT
EOP 530.18
INV 526.34
36 FOOT SS 1 RCP
CL 4 12" @ 1.0%
5 CU YD TR BACKFILL

INLET TA T11F&G
+65.0, 18.76' LT
EOP 529.10
INV 525.50
9 FOOT SS 2 RCP
CL 3 12" @ 11.1%
2 CU YD TR BACKFILL

⑥ PRC FLAR END SEC 12
+44.39, 33.8' LT
INV APPX 526.0 (VERIFY EXISTING DITCH)
8 FOOT SS 1 RCP
CL 4 12" @ 7.5%
3 CU YD TRENCH BACKFILL

⑦ MAN TA 4 DIA T1F CL
+65.0, 20' LT
LID 529.5
INV 521.04

⑧ 46 FOOT STEEL CASINGS
24" @ 0.3%
46 FOOT PVC STORM SEWER
ASTM F 679 18" @ 0.3%

STATION EQUATION
CN STA. 6+75.12 = 17TH 64+85.26
(MILE POST 13.13)

INLET TA T11F&G
+65.0, 18.76' RT
EOP 528.86
INV 524.87
9 FOOT SS 2 RCP
CL 3 12" @ 1.0%
2 CU YD TRENCH BACKFILL

INLET TB T11F&G
+00.0, 17.76' RT
EOP 529.97
INV 525.98
11 FOOT SS 2 RCP
CL 3 12" @ 2.7%
2 CU YD TRENCH BACKFILL

INLET TA T11F&G
+60.0, 17.76' RT
EOP 530.65
INV 526.70
17 FOOT SS 2 RCP
CL 3 12" @ 1.0%
3 CU YD TRENCH BACKFILL

INLET TA T11F&G
+00.0, 17.76' RT
EOP 533.35
INV 529.33
4 FOOT SS 2 RCP
CL 3 12" @ 16%
1 CU YD TRENCH BACKFILL

INLET TB T11F&G
+25.0, 17.76' RT
EOP 531.24
INV 527.65
8 FOOT SS 2 RCP
CL 3 12" @ 2.9%
2 CU YD TR BACKFILL

N

20' 0 20' 40'
SCALE: 1" = 20'

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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
ALIGNMENT
STRUCTURE NO(S)/PKG CK'KD
NOTE BOOK
NO.
BY
DATE

MAN TA 4 DIA T1F CL
+50.00, 22.0' RT
TOP ELEV 535.25
INV N 527.95
INV W 527.95
INV S 527.95

MAN TA 4 DIA T1F CL
+60.00, 35.0' RT
TOP ELEV 532.35
INV N 526.33
INV W 526.53
INV S 526.77

112 FOOT, SS 2 RCP
CL 3 18" @ 1.00%
46 CU YD TRENCH BACKFILL

MAN TA 4 DIA T1F CL
+65.00, 28' RT
TOP ELEV 529.37
INV W 524.78
INV S 524.11
INV N 519.99

105 FOOT, SS 2 RCP
CL 3 18" @ 2.00%
43 CU YD TRENCH BACKFILL

RC PIPE TEE 18P 12R
+00.00, 22.0' RT

RC PIPE TEE 18P 12R
+23.74, 26.0' RT

RC PIPE TEE 18P 12R
+00.00, 29.0' RT

46 FOOT STEEL CASINGS 24" @ 0.3%
46 FOOT PVC STORM SEWER
ASTM F 679 18" @ 0.3%

	62+00	62+50	63+00	63+50	64+00	64+50	65+00	65+50	66+00	66+50	67+00	67+50	68+00
	533.63	532.95	532.00	530.84	529.40	528.04	528.06	526.78	527.71	528.71	529.84	530.91	531.91
	533.67	532.83	531.98	531.14	530.29	529.45	528.60	527.97	527.96	528.61	529.59	530.56	531.63

PLOT DATE = 9/3/2009
FILE NAME = N:\Survey\Microstation\V8\planno2.SS.dgn
PLOT SCALE = 20.0000 ' / IN.
USER NAME = kate

STORM SEWER PLAN & PROFILE

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	25
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

(10) INLET TA T11F&G
+72.00, 18.76' LT
EOP 527.79
INV 524.25
10 FOOT SS 1 RCP
CL 4 12" @ 1.0%
2 CU YD TR BACKFILL

INLET TA T11F&G
+25.00, 18.76' LT
EOP 528.12
INV 524.62
42 FOOT SS 1 RCP
CL 4 12" @ 1.0%
6 CU YD TR BACKFILL

(11) INLET TB T11F&G
+80.00, 18.76' LT
EOP 527.80
INV 524.15
38 FOOT SS 1 RCP
CL 4 12" @ 1.0%
6 CU YD TR BACKFILL

INLET TA T11F&G
+60.00, 31.2' LT
EOP 530.00
INV 526.50
12 FOOT SS 1 RCP
CL 4 12" @ 0.5%
2 CU YD TR BACKFILL

(12) INLET TA T11F&G
+88.00, 18.76' LT
EOP 527.82
INV 524.25
10 FOOT SS 1 RCP
CL 4 12" @ 1.0%
2 CU YD TR BACKFILL

(13) INLET TB T11F&G
+60.00, 18.76' LT
EOP 528.72
INV 526.44
20 FOOT SS 1 RCP
CL 4 12" @ 0.5%
3 CU YD TR BACKFILL

INLET TB T11F&G
+80.00, 18.76' LT
EOP 529.11
INV 525.21
38 FOOT SS 1 RCP
CL 4 12" @ 1.0%
5 CU YD TR BACKFILL

(14) INLET TA T11F&G
+40.00, 18.76' LT
EOP 530.28
INV 527.07
10 FOOT SS 1 RCP
CL 4 12" @ 1.0%
2 CU YD TR BACKFILL

INLET TB T11F&G
+50.00, 18.76' LT
EOP 530.47
INV 526.97
42 FOOT SS 1 RCP
CL 4 12" @ 1.0%
6 CU YD TR BACKFILL

(15) INLET TA T11F&G
+07.00, 18.76' LT
EOP 531.70
INV 528.05
7 FOOT SS 1 RCP
CL 4 12" @ 1.0%
1 CU YD TR BACKFILL

INLET TA T8G
+00.00, 32.3' LT
EOP YYY.YY
INV 528.11
51 FOOT SS 1 RCP
CL 4 12" @ 1.0%
7 CU YD TR BACKFILL

(16) INLET TA T11F&G
+11.00, 18.76' RT
EOP 531.56
INV 529.51
5 FOOT SS 1 RCP
CL 4 12" @ 5.0%
1 CU YD TR BACKFILL

INLET TA T11F&G
+00.00, 28.81' LT
EOP 534.16
INV 530.81
47 FOOT SS 1 RCP
CL 4 12" @ 1.0%
6 CU YD TR BACKFILL

(17) INLET TA T11F&G
+72.00, 18.76' RT
EOP 533.16
INV 531.60
5 FOOT SS 1 RCP
CL 4 12" @ 1.0%
1 CU YD TR BACKFILL

RC PIPE TEE 12P 12R
+00.00, 18.76' LT

INLET TA T11F&G
+80.00, 18.76' RT
EOP 527.56
INV 523.77
5 FOOT SS 1 RCP
CL 4 12" @ 0.3%
1 CU YD TR BACKFILL

INLET TA T11F&G
+88.00, 18.76' RT
EOP 527.58
INV 523.81
5 FOOT SS 1 RCP
CL 4 12" @ 0.3%
1 CU YD TRENCH BACKFILL

INLET TA T11F&G
+80.00, 18.76' RT
EOP 528.87
INV W 524.83
INV E 524.63
5 FOOT SS 1 RCP
CL 4 12" @ 0.6%
1 CU YD TRENCH BACKFILL

INLET TA T11F&G
+00.00, 18.76' RT
EOP 531.30
INV 527.43
5 FOOT SS 1 RCP
CL 4 12" @ 1.0%
1 CU YD TRENCH BACKFILL

INLET TA T11F&G
+17.00, 31.3' RT
EOP 531.80
INV 529.32
7 FOOT SS 1 RCP
CL 4 12" @ 1.0%
1 CU YD TRENCH BACKFILL

INLET TB T11F&G
+00.00, 20.35' RT
EOP 534.07
INV 530.34
8 FOOT SS 1 RCP
CL 4 12" @ 2.0%
2 CU YD TR BACKFILL

POST 00+00 TO POST 01+00

SCALE: 1" = 20'

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

119 FOOT, SS 1 RCP
CL 4 24" @ 0.5%
38 CU YD TRENCH BACKFILL

MAN TA 4 DIA T1F CL
+25.00, 24' RT
TOP ELEV
INV N 523.50
INV W 524.20
INV S 523.50

125 FOOT, SS 1 RCP
CL 4 18" @ 1.6%
51 CU YD TRENCH BACKFILL

MAN TA 4 DIA T1F CL
+50.00, 24' RT
TOP ELEV
INV N 525.47
INV W 526.55
INV S 525.47

104 FOOT, SS 1 RCP
CL 4 12" @ 4.00%
82 CU YD TRENCH BACKFILL

44 FOOT, SS 1 RCP
CL 4 12" @ 4.00%
37 CU YD TRENCH BACKFILL

INLET TA T11F&G
+25.00, 32.5' RT
EOP ELEV 535.13
INV S 531.29

RC PIPE TEE 24P 12R
+88.00, 24.0' RT

RC PIPE TEE 24P 12R
+80.00, 24.0' RT

RC PIPE TEE 18P 12R
+80.00, 24.0' RT

RC PIPE TEE 12P 12R
+98.61, 28.3' RT

RC PIPE TEE 12P 12R
+17.00, 24.0' RT

RC PIPE TEE 12P 12R
+11.00, 24.0' RT

RC PIPE TEE 12P 12R
+00.00, 24.0' RT

545
540
535
530
525
520
515
510
505

528.06 528.60 | 526.78 527.97 | 527.71 527.96 | 528.71 528.61 | 529.84 529.59 | 530.91 530.56 | 531.91 531.63 | 533.12 532.88 | 534.30 534.31 | 535.87 535.88 | 536.28 | 536.76 | 536.26

65+00 65+50 66+00 66+50 67+00 67+50 68+00 68+50 69+00 69+50 70+00 70+50 71+00

PLOT DATE = 9/3/2009
FILE NAME = c:\projects\2004\Microstation\V8\plan02_SS.dgn
PLOT SCALE = 20.0000 ' / IN.
USER NAME = kats

STORM SEWER PLAN & PROFILE

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	26
STA. 5+50		TO STA. 11+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
GRADES CHECKED
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
STRUCTURE NO(S)/PNS CHKD
NOTE BOOK
NO.
BY
DATE

EX ROW
ALLEY
17'
12'
30"Ø
24"Ø
16"Ø
12" CMP
POST
W
G
GV
FO
TW
INV
MCP
TCE
CONST LIMITS
PERM ESMT
13.37'
13.11'
CN RAILROAD
S. 16TH STREET
S. 17TH STREET
L65+00
L64

30 SQ YD STONE RIPRAP CL A3
30 SQ YD FILTER FABRIC

40 SQ YD STONE RIPRAP CL A3
40 SQ YD FILTER FABRIC

STATION EQUATION
CN STA. 6+75.12 = 17TH 64+85.26
(MILE POST 13.13)

6+00
10+00

20' 0 20' 40'
SCALE: 1" = 20'

+45.76, 25.0' LT
(17TH +08.83, 28.0" LT)
MAN TA 6 DIA TIF CL
LID ELEV 528.35
INV E 520.90
INV W 521.90
INV S 520.90

+98.06, 25.0' LT
(17TH +06.31, 24.0' RT)
MAN TA 6 DIA TIF CL
LID ELEV 528.68
INV W 519.86
INV E 519.86
INV N 522.91
INV S 519.86

+05.71, 21.62' LT
(17TH +07.73, 68' LT)
PRC FLAR END SEC 48
INV 524.00

+50.33, 25.0' LT
(17TH +01.41, 27.5' RT)
PRC FLAR END SEC 48
INV 519.11

EXISTING RAILROAD GRADE
EXISTING DITCH GRADE

32 FOOT, SS 1 RCP
CL 2 48" @ 5.25%

52 FOOT, SS 1 RCP
CL 2 48" @ 2.00%
76 CU YD TRENCH BACKFILL

243 FOOT, SS 1 RCP
CL 2 48" @ 0.30%

530.14	529.27	528.35	528.62	527.30	527.07	526.24	525.21	525.03	524.49	524.52
5+50	6+00	6+50	7+00	7+50	8+00	8+50	9+00	9+50	10+00	10+50

540 535 530 525 520 515 510 505

PLOT DATE = 9/3/2009
FILE NAME = A:\2007\Maroastation\V8\plansa2_SS.dgn
PLOT SCALE = 20.0000 ' / IN.
USER NAME = kate

STORM SEWER PLAN & PROFILE

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	05-00207-00-PV	ST. CLAIR	89	27
STA. 90+00		TO STA. 96+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
GRADES CHECKED
NOTE BOOK
NO.
BY
DATE
CADD FILE NAME = plano2.SS
STRUCTURE NOTATIONS CHKD

INLET TA T24F&G
+39.80, 24.5' LT
EOP 526.8
INV 523.61
10 FOOT SS 1 RCP
CL 4 12" @ 3.6%
2 CU YD TRENCH BACKFILL

DO NOT CONSTRUCT THIS INLET AND STORM SEWER IF THE IL ROUTE 13 DRAINAGE PROJECT HAS COMMENCED.

S. 16TH STREET

INLET TA T3F&G
+77.00, 30.33' LT
EOP 526.8
INV 523.44
13 FOOT SS 1 RCP
CL 4 12" @ 0.5%
3 CU YD TRENCH BACKFILL

INLET TA T24F&G
+13.80, 27.5' LT
EOP 526.8
INV 523.24
10 FOOT SS 1 RCP
CL 4 12" @ 6.9%
3 CU YD TRENCH BACKFILL

ALLEY

PRC FLAR END SEC 15
+44.39, 33.8' LT
INV APPX 524.0 (VERIFY EXISTING DITCH)
10 FOOT SS 1 RCP
CL 4 15" @ 16%
3 CU YD TRENCH BACKFILL

INLET TA T24F&G
+59.41, 27.6' LT
EOP 526.5
INV 522.5
10 FOOT SS 1 RCP
CL 4 12" @ 0.5%
3 CU YD TRENCH BACKFILL

90+00 | 91 | 92 | 93 | 94 | 95+00 | 96

12' X 15.50' BOX

(A) INLET TA T11F&G
+58.01, 26.5' LT
EOP 526.33
INV 523.40
10 FOOT SS 1 RCP
CL 4 12" @ 1.0%
2 CU YD TRENCH BACKFILL

(B) INLET TA T11F&G
+65.78, 28.4' LT
EOP 526.29
INV 523.30
10 FOOT SS 1 RCP
CL 4 12" @ 1.0%
2 CU YD TRENCH BACKFILL

S. 16TH STREET

NO ALLEY

(C) INLET TB T11F&G
+73.5, 30.5' LT
EOP 526.26
INV 523.20
5 FOOT SS 1 RCP
CL 4 12" @ 1.0%
1 CU YD TRENCH BACKFILL

N

20' 0 20' 40'
SCALE: 1" = 20'

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

PLOT DATE = 9/9/2009
FILE NAME = X:\2042\Microstation\01\plano2.SS.dgn
PLOT SCALE = 20.0000 ' / IN.
USER NAME = kate

540 535 530 525 520 515 510 505

528.07
527.67 527.71
527.26 527.48
527.14 527.35
527.05 527.26
527.03 527.24
527.01 527.22
526.93 527.14
526.81 527.02
526.75 526.96
526.61 526.82
526.48 526.69
526.54 526.75

90+00 | 90+50 | 91+00 | 91+50 | 92+00 | 92+50 | 93+00 | 93+50 | 94+00 | 94+50 | 95+00 | 95+50 | 96+00

INLETS TA T3F&G
+64.36, 24.73' LT
EOP ELEV 526.88
INV E 523.94

40 FOOT, SS 1 RCP
CL 4 12" @ 0.5%
7 CU YD TRENCH BACKFILL

INLETS TB T24F&G
+25.00, 17.5' LT
EOP ELEV 526.93
INV N 523.38
INV S 523.38

INLETS TB T3F&G
+04.81, 24.9' LT
EOP ELEV 526.88
INV N 523.74
INV S 523.74
21 FOOT, SS 1 RCP
CL 4 12" @ 0.5%
4 CU YD TRENCH BACKFILL

RC PIPE TEE 15P 12R
+39.80, 17.5' LT

48 FOOT, SS 1 RCP
CL 4 15" @ 0.5%
7 CU YD TRENCH BACKFILL

INLETS TB T24F&G
+77.00, 17.5' LT
EOP ELEV 526.84
INV NE 522.87
INV NW 522.87
INV S 522.87

RC PIPE TEE 18P 12R
+13.80, 17.5' LT

42 FOOT, SS 1 RCP
CL 4 18" @ 0.5%
10 CY YD TRENCH BACKFILL

RC PIPE TEE 24P 15R
+44.39, 17.5' LT

38 FOOT, SS 1 RCP
CL 4 24" @ 0.5%
11 CU YD TRENCH BACKFILL

MAN TA 4 DIA T24F&G
+25.00, 17.5' LT
EOP ELEV 526.76
INV N 522.13
INV S 522.13

MAN TA 4 DIA T24F&G
+75.00, 17.5' LT
EOP ELEV 526.66
INV N 521.88
INV S 521.88

RC PIPE TEE 24P 12R
+59.41, 17.5' LT

58 FOOT, SS 2 RCP
CL 3 24" @ 1.0%
12 CU YD TRENCH BACKFILL

521.3

MAN TA 4 DIA T1F CL
+72.06, 35.9' LT
TOP ELEV 526.81
INV NW 520.80
INV SE 520.80
INV SW 523.15

520.6

36 FOOT, SS 2 RCP
CL 3 18" @ 0.50%
0 CU YD TRENCH BACKFILL

STORM SEWER PLAN & PROFILE

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	05-00207-00-PV	ST. CLAIR	89	28
STA. 96+00		TO STA. 102+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / LAND TIE NAME / NOTE BOOK NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / BM. NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK NO. / BY / DATE

INLET TA T24F&G
+16.55, 25.5' LT
EOP 528.99
INV 525.00
8 FOOT SS 1 RCP
CL 4 12" @ 4.4%
2 CU YD TRENCH BACKFILL

INLET TA T24F&G
+30.53, 25.5' LT
EOP 529.15
INV 525.15
8 FOOT SS 1 RCP
CL 4 12" @ 4.5%
2 CU YD TRENCH BACKFILL

S. 17TH STREET

S. 16TH STREET

S. 16TH STREET

96 97 98 99 100+00 101 102

52 53

N

20' 0 20' 40'
SCALE: 1" = 20'

INLETS TB T11F&G
+76.81, 28.1' LT
EOP ELEV 526.64
INV 521.88

INLETS TB T11F&G
+69.69, 35.1' LT
EOP ELEV 526.51
INV 521.85

INLETS TB T11F&G
+85.21, 22.7' LT
EOP ELEV 526.76
INV 521.93

MAN TA 4 DIA T24F&G
+25.00, 17.5' LT
EOP ELEV 527.25
INV NW 522.33
INV SE 523.72

INLET TA T24F&G
+00.00, 17.5' LT
EOP ELEV 528.52
INV W 525.47

MAN TA 4 DIA T1F CL
+49.58, 38.04' LT
LID ELEV 526.70
INV NW 521.58
INV SE 521.63
INV NE 521.98

163 FOOT, SS 1 RCP
CL 4 12" @ 1.00%

RC PIPE TEE 12P 12R
+16.55, 17.5' LT

RC PIPE TEE 12P 12R
+30.53, 17.5' LT

78 FOOT, SS 2 RCP
CL 3 15" @ 1.00%

20 FOOT, SS 2 RCP
BACKFILL CL 3 12" @ 1.0%

40 FOOT, SS 2 RCP
CL 3 12" @ 1.0%

10 FOOT, SS 2 RCP
CL 3 12" @ 0.5%

10 FOOT, SS 2 RCP
CL 3 12" @ 0.5%

540 535 530 525 520 515 510 505

526.54 526.75 | 526.76 526.97 | 527.10 527.31 | 527.49 527.70 | 527.88 528.09 | 528.26 528.47 | 528.56 528.77 | 528.87 529.08 | 529.11 529.32 | 529.28 529.49 | 529.40 529.61 | 529.45 529.59 | 529.50

96+00 96+50 97+00 97+50 98+00 98+50 99+00 99+50 100+00 100+50 101+00 101+50 102+00

PLOT DATE = 9/3/2009
FILE NAME = H:\P\24842\Microstation\V8\plano2_SS.dgn
PLOT SCALE = 20.0000 ' / IN.
USER NAME = kate

STORM SEWER PLAN & PROFILE

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	29
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

08-20.0-415-009
N/F EMILIA POELKER TRUST

08-20.0-416-005
N/F SARA L JOHNSON

08-20.0-416-006
N/F DONALD & SARA JOHNSON

08-20.0-416-007
N/F ANDREW NEWTON

08-20.0-417-009
N/F ROSEMARY NALIBORSKI

08-20.0-417-010
N/F ROSEMARY NALIBORSKI

08-20.0-417-012
N/F GERALD JR & AMY BACH

℄ BUNSEN AVENUE

℄ IL RTE 13

FRANKLIN AVE (ASPH)

EX ROW

PR ROW

TCE

2' x 1.5' BOX

89°52'07"

89°55'04"

STA. 96+26.69 FAU RTE 9251=
STA. 52+46.77 FAU RTE 9167

℄ PROPOSED S 17TH STREET

08-20.0-420-001
N/F PENNY K KESSLER

08-20.0-420-003
N/F WILLIAM R WUEBBELS

08-20.0-420-004
N/F WILLIAM R WUEBBELS

08-20.0-421-001
N/F JEREMIAH R. KLOTZ

08-20.0-421-002
N/F DIXIE DE HART, ET AL

08-20.0-422-001
N/F CHARLES W JR & PATRICIA HASENSTAB

08-20.0-422-002
N/F BOBBY L & LORRAINE S CARMACK

08-20.0-417-013
N/F DESIREE D BUTLER

08-20.0-417-014
N/F ROBERT J & JEANNETTE VERGES

08-20.0-417-015
N/F ROBERT J & JEANNETTE VERGES

08-20.0-417-016
N/F DONALD B & CAROL D BROWN

08-20.0-417-018
N/F DONALD B & CAROL D BROWN

08-20.0-418-011
N/F ROSE HEUER

08-20.0-418-012
N/F ROBERT & ELIZABETH ANN MEYER

08-20.0-418-013
N/F ROBERT & ELIZABETH ANN MEYER

08-20.0-418-014
N/F KATHY J. RAINBOLT & LISA K. MAHER

08-20.0-418-015
N/F JEFFREY S MARTIN

08-20.0-418-016
N/F JEFFREY S MARTIN

RAAB AVE (ASPH)

POT Sta 58+75.15

179°53'26"

89°58'28"

℄ PROPOSED S 17TH STREET

08-20.0-422-003
N/F JRG HOLDINGS-BELLEVILLE, LLC

08-20.0-422-004
N/F DONALD W & WANDA L CRAMER

08-20.0-422-005
N/F THE SECRETARY OF HOUSING & URBAN DEVELOPMENT

08-20.0-422-006
N/F EUGENE PADGETT

08-20.0-423-001
N/F SHANNON L DUVALL

08-20.0-423-002
N/F PAMELA A. & DOUG BRIDGES

08-20.0-423-003
N/F GARY J. ORR

08-20.0-423-004
N/F GARY J. ORR

08-20.0-423-005
N/F CHERYL & JOSEPH SMITH, JR

08-20.0-423-006
N/F DEREK & MONICA MONK

SCALE: 1" = 20'

PLOT DATE = 9/3/2009
FILE NAME = H:\P\24842\Microstation\V8\roaplan2.dgn
PLOT SCALE = 20.0000 ' / IN.

RIGHT OF WAY PLAN

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	30
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

08-20.0-418-018
N/F JAMES &
STEPHANIE HAUKAP

08-20.0-418-019
N/F MARCELLA GOEDEKE, ET AL

08-20.0-418-017
N/F JAMES &
STEPHANIE HAUKAP

+57.37
78.1' LT

+53.21
25.9' LT

+24.60
32.0' LT
+24.05
25.0' LT

+36.11
25.4' LT

+65.15
32.0' LT
+65.15
27.0' LT
+20.39
32.0' LT
+19.51
27.0' LT

+73.11
27.0' LT

+19.19
25.0' LT

+15.11
32.0' LT

TCE
PR ROW
EX ROW
STA. 64+85.26
87°16'59"

08-20.0-408-010
N/F JO ANN DRUNGO

08-20.0-408-011
N/F HELEN PHILLIPS
TRUSTEE

08-20.0-408-012
N/F STILLWATER CORP
TRUSTEE

08-20.0-408-014
N/F AURELIA AGNE

+96.74
40.1' RT

+55.00
41.0' RT

+34.43
41.4' RT

+34.84
75.0' RT

+92.50
289.3' RT

+22.50
288.6' RT

CN RAILROAD

℄ PROPOSED S 17TH STREET

TCE
+14.94
31.0' RT
+64.94
31.0' RT
+64.95
42.0' RT
+09.63
44.6' RT
+22.35
29.4' RT
+19.95
46.2' RT

08-20.0-423-007
N/F JAMES A. MIDDENDORF

08-20.0-423-025
N/F BELLEVILLE
CHRISTIAN CENTER

08-20.0-423-008
N/F BELLEVILLE
CHRISTIAN CENTER

08-20.0-423-023
N/F BELLEVILLE
CHRISTIAN CENTER

08-20.0-423-010
N/F GERRY BRANDMEYER

SCALE: 1" = 20'

08-20.0-407-004
N/F WALTER AGNE

08-20.0-407-005
N/F CHARLES A FAHRNER

08-20.0-407-006
N/F ST MARYS
CATHOLIC CHURCH

08-20.0-407-012
N/F ST MARYS
CATHOLIC CHURCH

08-20.0-407-010
N/F WEST POINTE BANK
& TR CO TRUST

08-20.0-407-011
CITY OF BELLEVILLE

+28.80
79.6' LT

+45.02
34.0' LT
+44.89
26.0' LT
+02.55
34.0' LT
+02.57
32.5' LT
+52.56
34.0' LT
+52.57
32.5' LT
+52.37
50.0' LT
+62.56
34.0' LT
+62.65
26.0' LT
+02.37
50.0' LT
+02.38
50.0' LT
+02.54
36.0' LT
+94.54
36.0' LT
+94.66
26.0' LT
+41.63
78.1' LT
+14.28
26.0' LT
+39.68
26.8' LT
+62.63
29.0' LT
+62.61
30.6' LT
+03.52
37.9' LT

TCE
PR ROW
EX ROW
PE

℄ PROPOSED S 17TH STREET

+03.37
35.0' RT
+25.00
35.0' RT
+25.00
28.0' RT
+55.00
28.0' RT
+53.29
28.0' RT
+55.00
45.0' RT
+70.00
28.0' RT
+70.00
45.0' RT
+03.30
28.0' RT
EX ROW
PR ROW
TCE
+40.00
28.0' RT
+40.00
45.0' RT
+53.50
45.0' RT
+55.00
28.0' RT
+55.00
45.0' RT
+03.30
28.0' RT
+03.51
45.0' RT
TCE
+66.95
45.0' RT
+26.66
57.9' RT
+30.03
57.8' RT
+28.05
120.9' RT

08-20.0-408-014
N/F AURELIA AGNE

08-20.0-408-012
N/F STILLWATER CORP
TRUSTEE

08-20.0-408-011
N/F HELEN PHILLIPS
TRUSTEE

08-20.0-408-010
N/F JO ANN DRUNGO

08-20.0-408-029
N/F DENNIS LUEHDER
1624 W MAIN ST

℄ WEST MAIN STREET

+09.59
74.6' LT
+50.66
26.2' LT
+58.14
24.7' LT

PR ROW

℄ N 17TH STREET

+52.57
35.3' RT
+42.42
39.0' RT

08-20.0-322-012
N/F FAMILY VIDEO

08-21.0-322-007
N/F FAMILY VIDEO

+09.28
79.0' RT

SCALE: 1" = 20'

PLOT DATE = 9/3/2009
FILE NAME = H:\P\24842\Microstation\8\vroplan2.dgn
PLOT SCALE = 20.0000 ' / IN.

RIGHT OF WAY PLAN

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	05-00207-00-PV	ST. CLAIR	89	31
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

08-20.0-412-019
N/F ROBERT B JR AND MYRA L ROWAN

08-20.0-416-001
N/F ZIAD A MUSA

08-20.0-416-005
N/F SARA L JOHNSON

08-20.0-415-004
N/F STEPHEN D & LAURA J WIEDAU

08-20.0-415-009
N/F EMILIA POELKER TRUST

08-20.0-421-001
N/F JEREMIAH R. KLOTZ

08-20.0-421-004
N/F JODY A JORDAN

08-20.0-426-001
N/F KENNETH SHIELDS

08-20.0-420-004
N/F WILLIAM R WUERFEL

08-20.0-420-017
N/F CLIFFORD W & MARY ANN SLADE

08-20.0-420-012
N/F HELEN A EVANSCO

℄ 18TH STREET
℄ S 17TH STREET
℄ 16TH STREET
℄ IL RTE 13

+00.00 40.0' LT
+00.00 30.7' LT
+64.56 50.0' LT
+54.51 40.0' LT
+04.49 35.6' LT
+42.39 34.9' LT
+62.44 35.0' LT
+14.92 28.5' LT
+38.77 35.0' LT
+60.73 30.3' RT
+96.59 28.1' LT
+34.42 35.3' LT
+73.72 35.8' LT
+33.73 29.1' LT
+73.73 29.7' LT
+14.41 35.0' RT
+60.00 30.0' RT
+60.00 35.0' RT

EX ROW
TCE
PR ROW
12" x 15.5' BOX

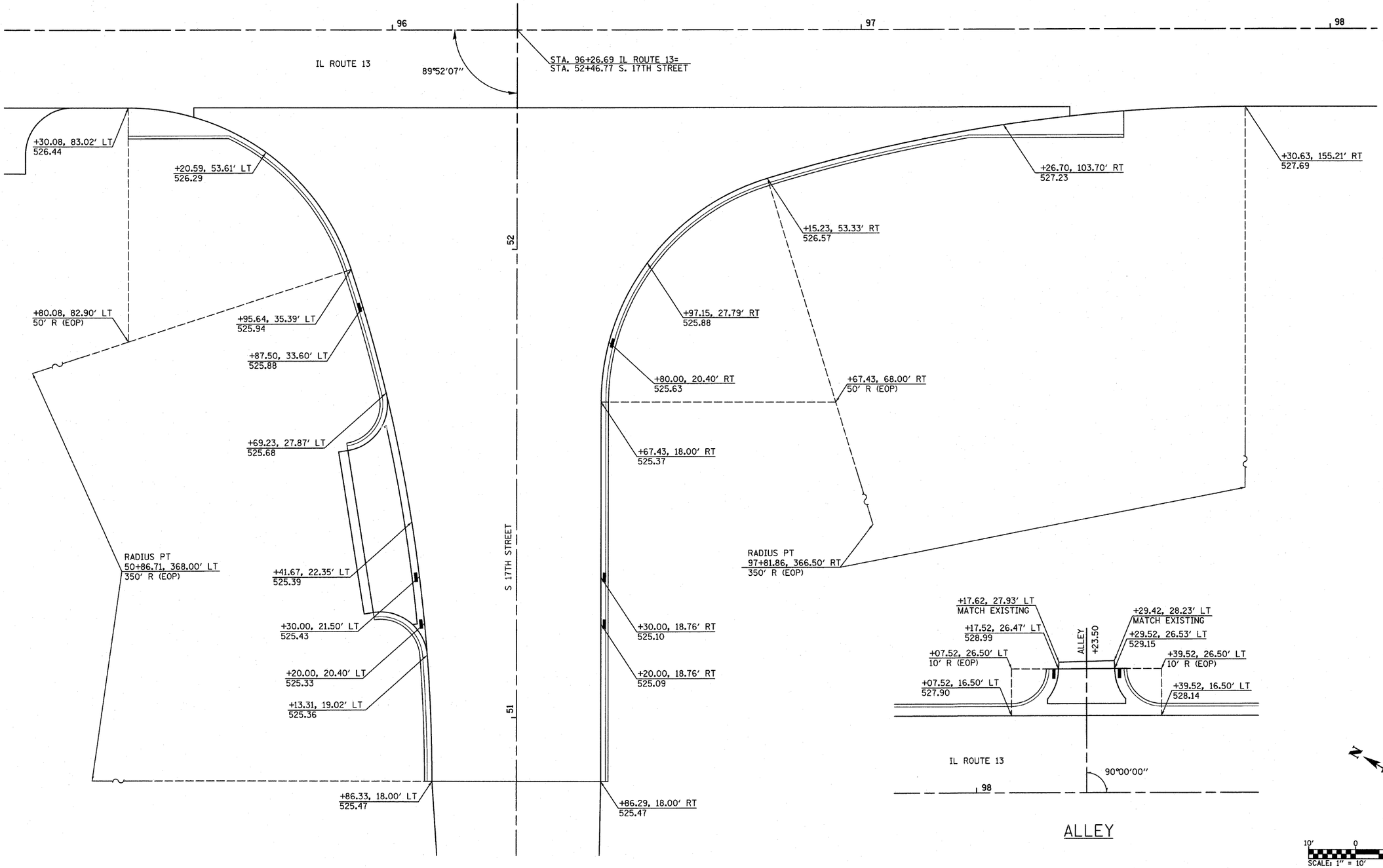
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RIGHT OF WAY PLAN

PLOT DATE = 9/3/2009
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PLOT SCALE = 20.0000 ' / IN.

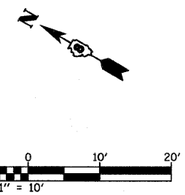
CONTRACT NO. 97342

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	32
STA.	TO STA.			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



IL ROUTE 13

ALLEY

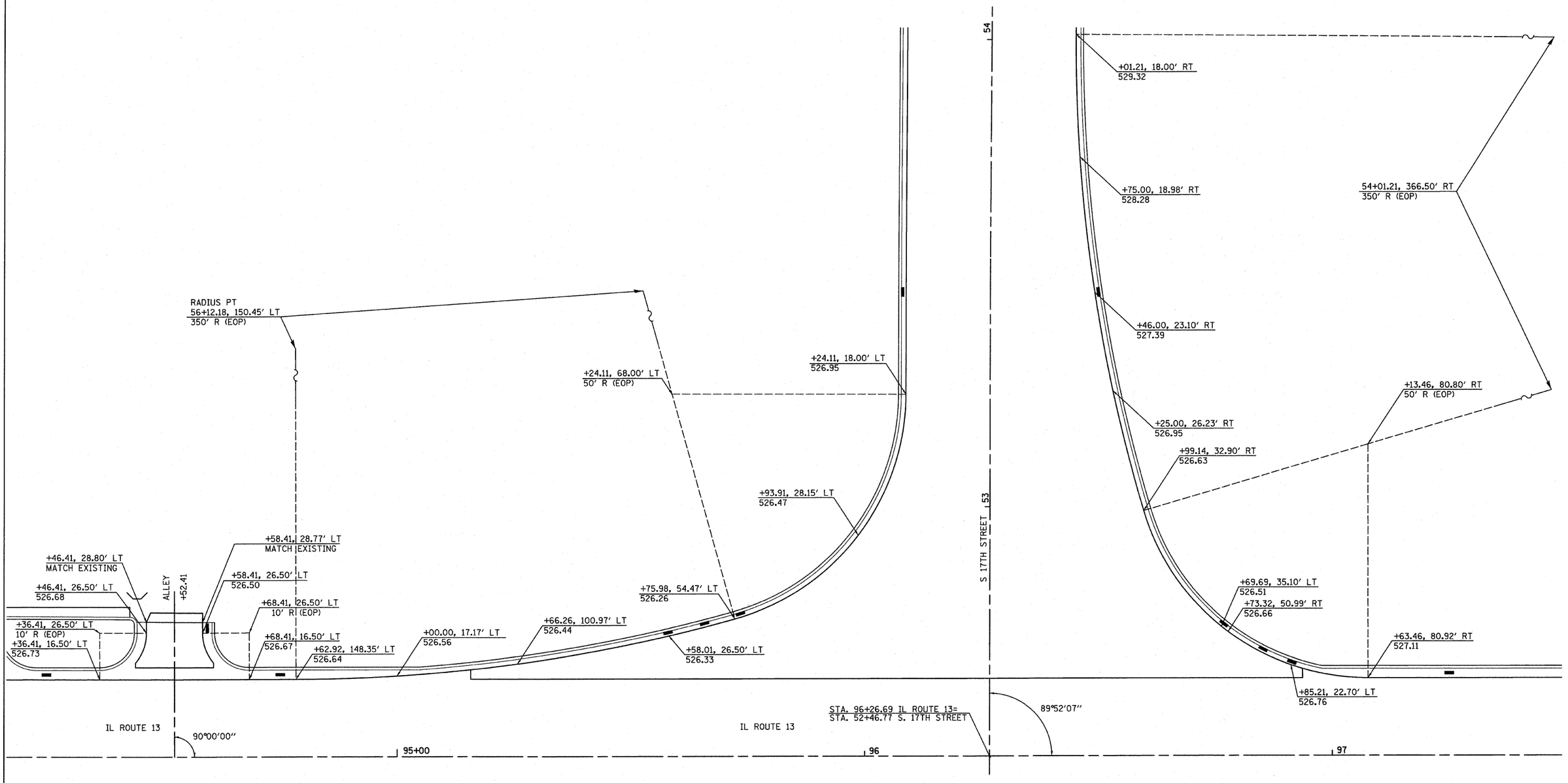


NOTE: ALL ELEVATIONS SHOWN TO EOP UNLESS OTHERWISE NOTED.

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PLOT SCALE = 10.0000 ' / IN.
USER NAME = kate

CONTRACT NO. 97342

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	33
STA.		TO STA.		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



IL ROUTE 13

NOTE: ALL ELEVATIONS SHOWN TO EOP UNLESS OTHERWISE NOTED.

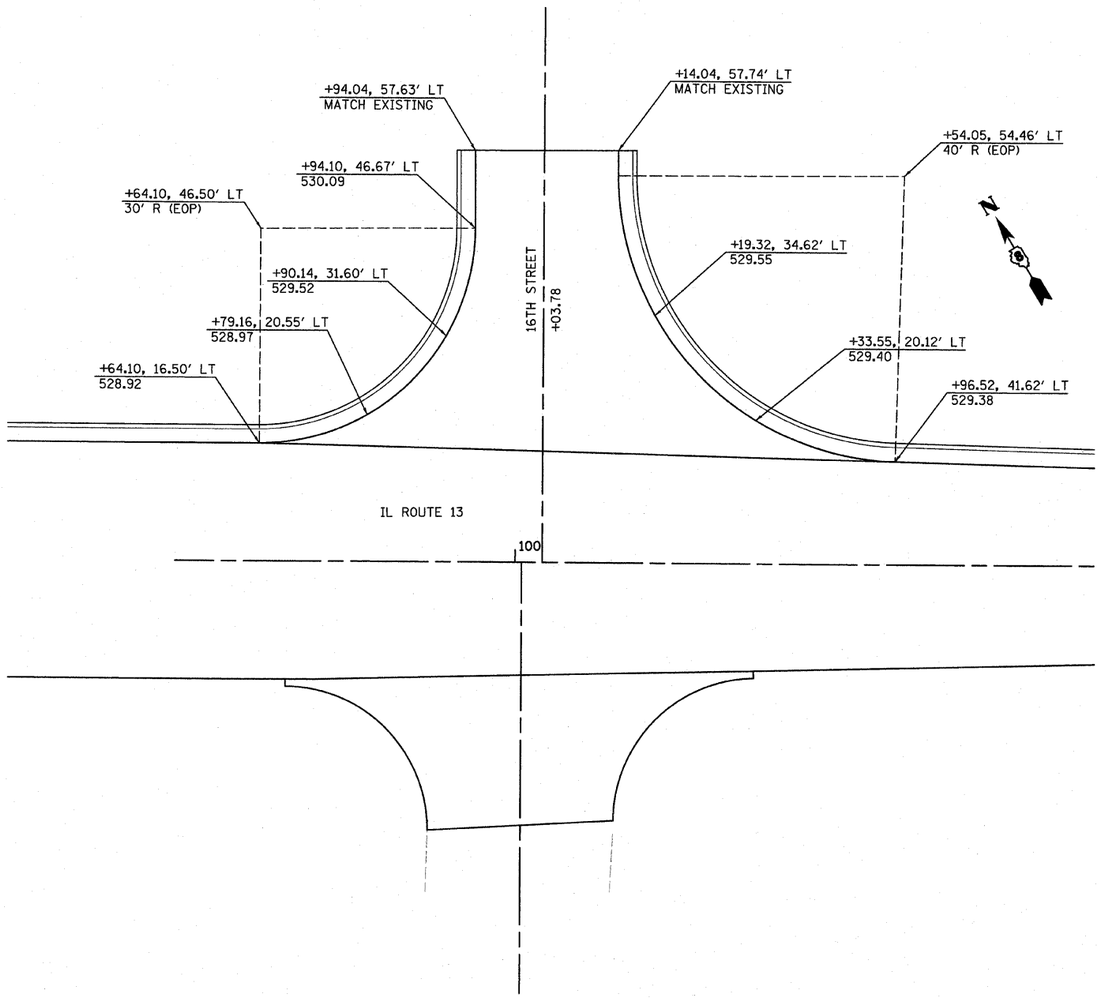
SCALE: 1" = 10'

INTERSECTION DETAILS

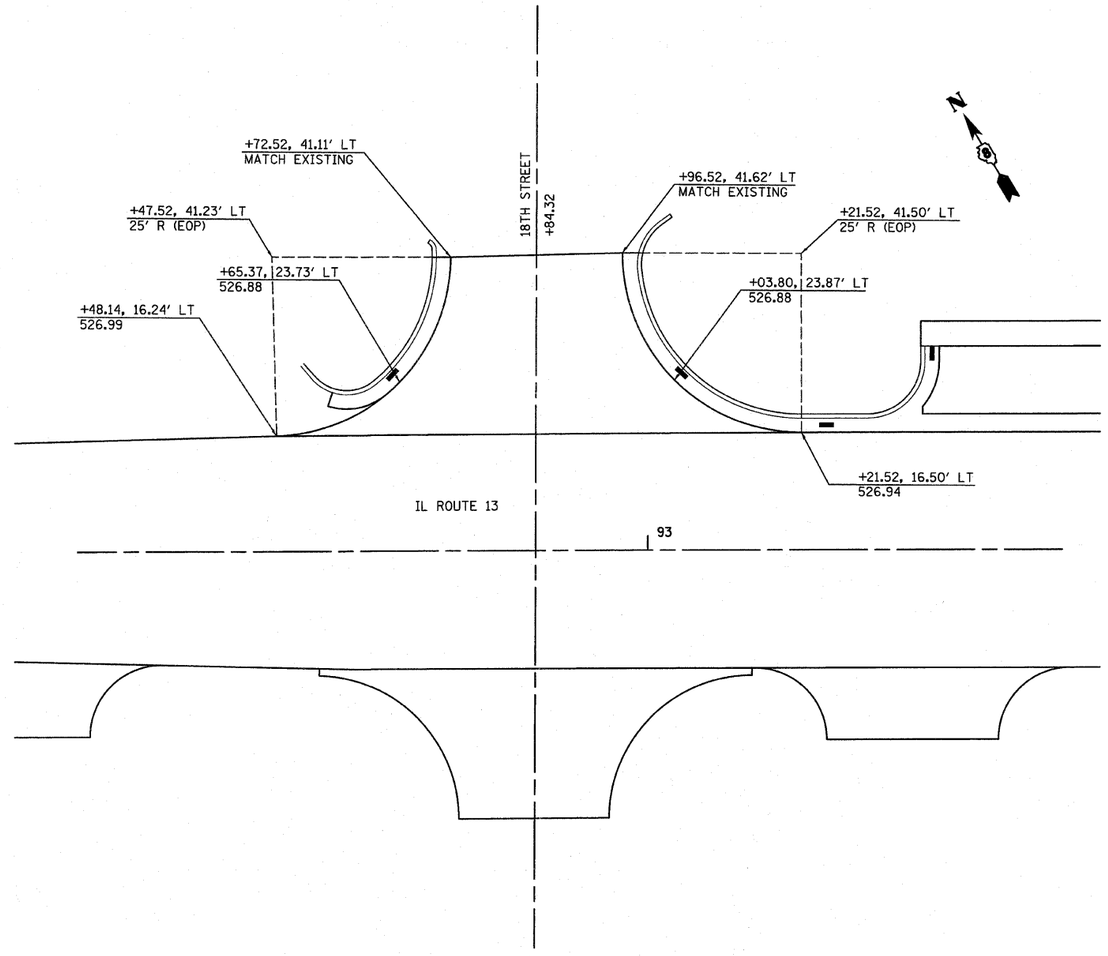
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PLOT SCALE = 10.0000 ' / IN.
USER NAME = kate

CONTRACT NO. 97342

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	34
STA.		TO STA.		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



16TH STREET



18TH STREET

10' 0 10' 20'
SCALE: 1" = 10'

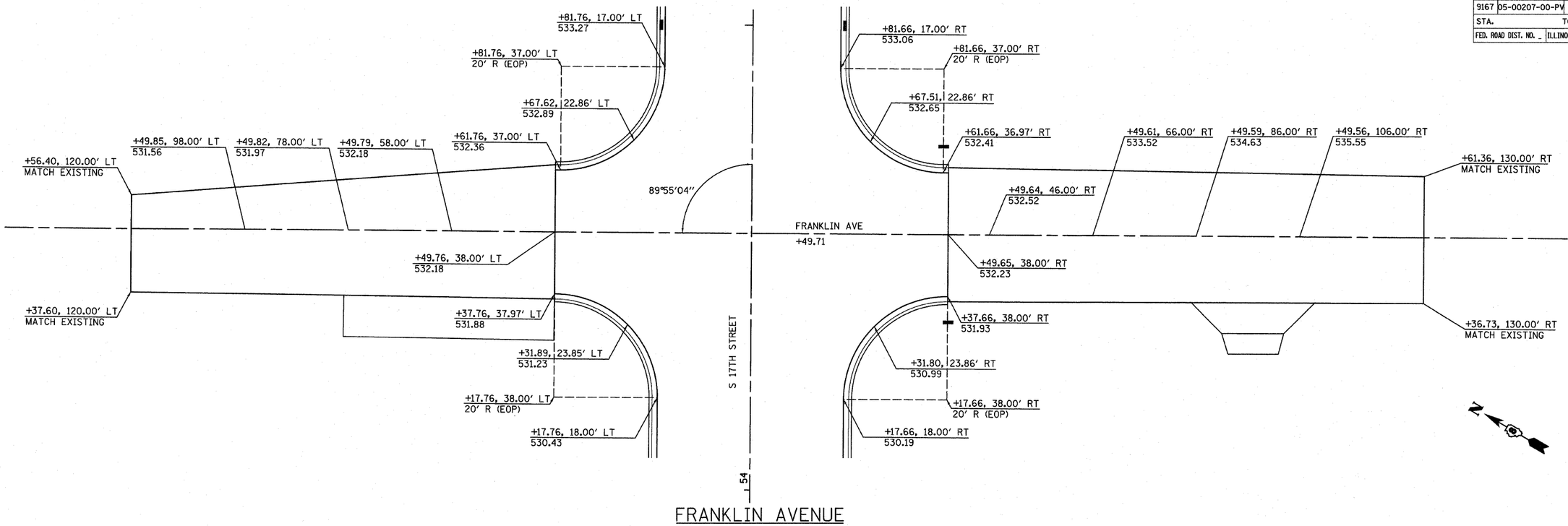
NOTE: ALL ELEVATIONS SHOWN TO EOP UNLESS OTHERWISE NOTED.

INTERSECTION DETAILS

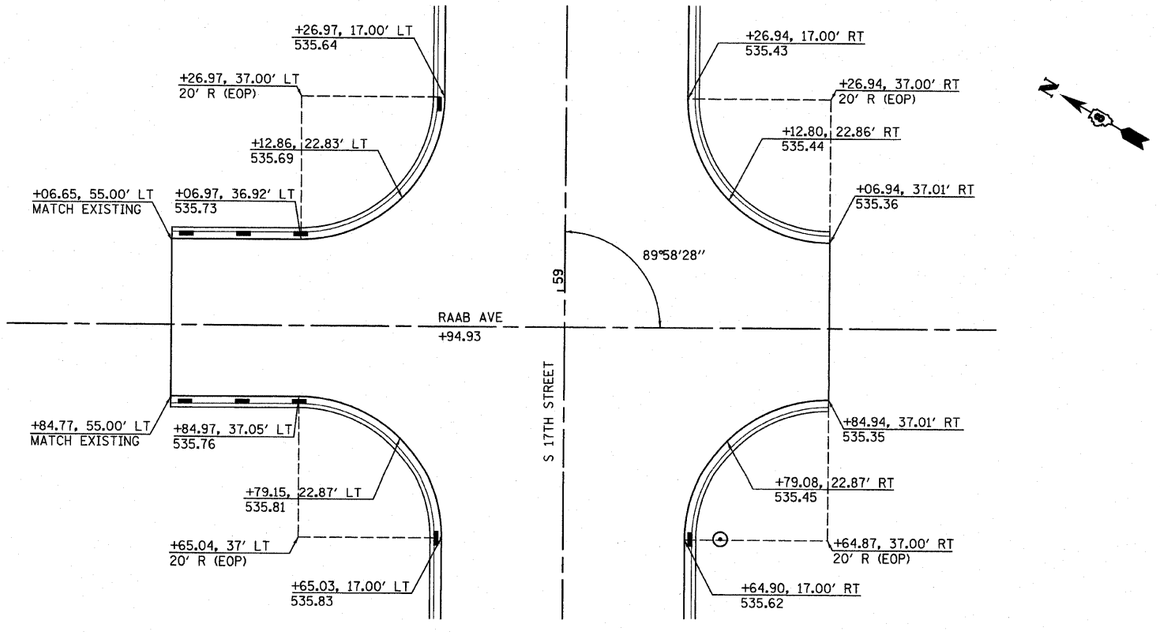
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FILE NAME = N:\2042\Macrostation\V8\dd80ss2.dgn
PLOT SCALE = 10.0000 ' / IN.
USER NAME = kats

CONTRACT NO. 97342

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	35
STA.		TO STA.		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



FRANKLIN AVENUE



RAAB AVENUE

10' 0 10' 20'
SCALE: 1" = 10'

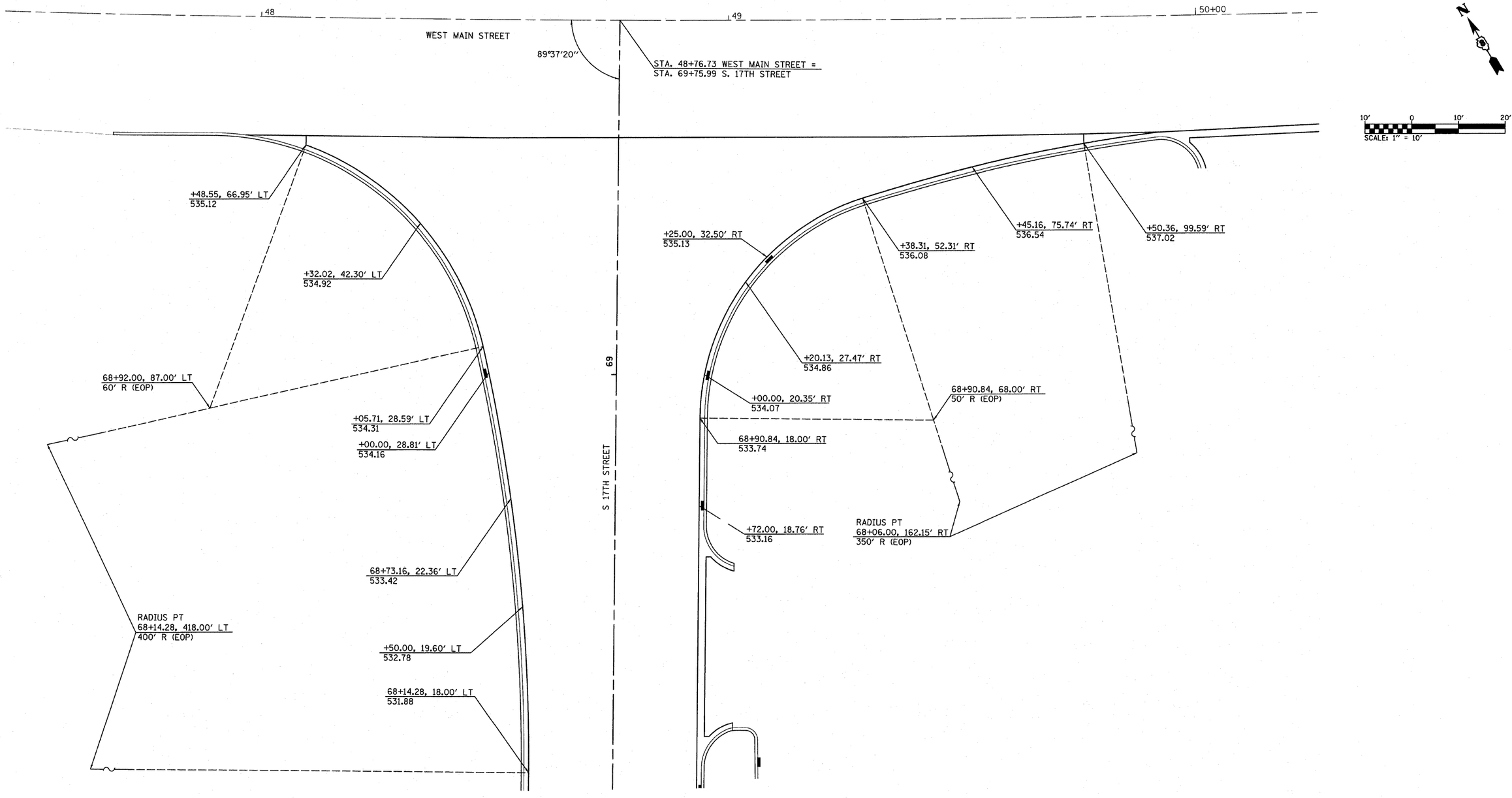
NOTE: ALL ELEVATIONS SHOWN TO EOP UNLESS OTHERWISE NOTED.

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INTERSECTION DETAILS

CONTRACT NO. 97342

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	36
STA.		TO STA.		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



WEST MAIN STREET

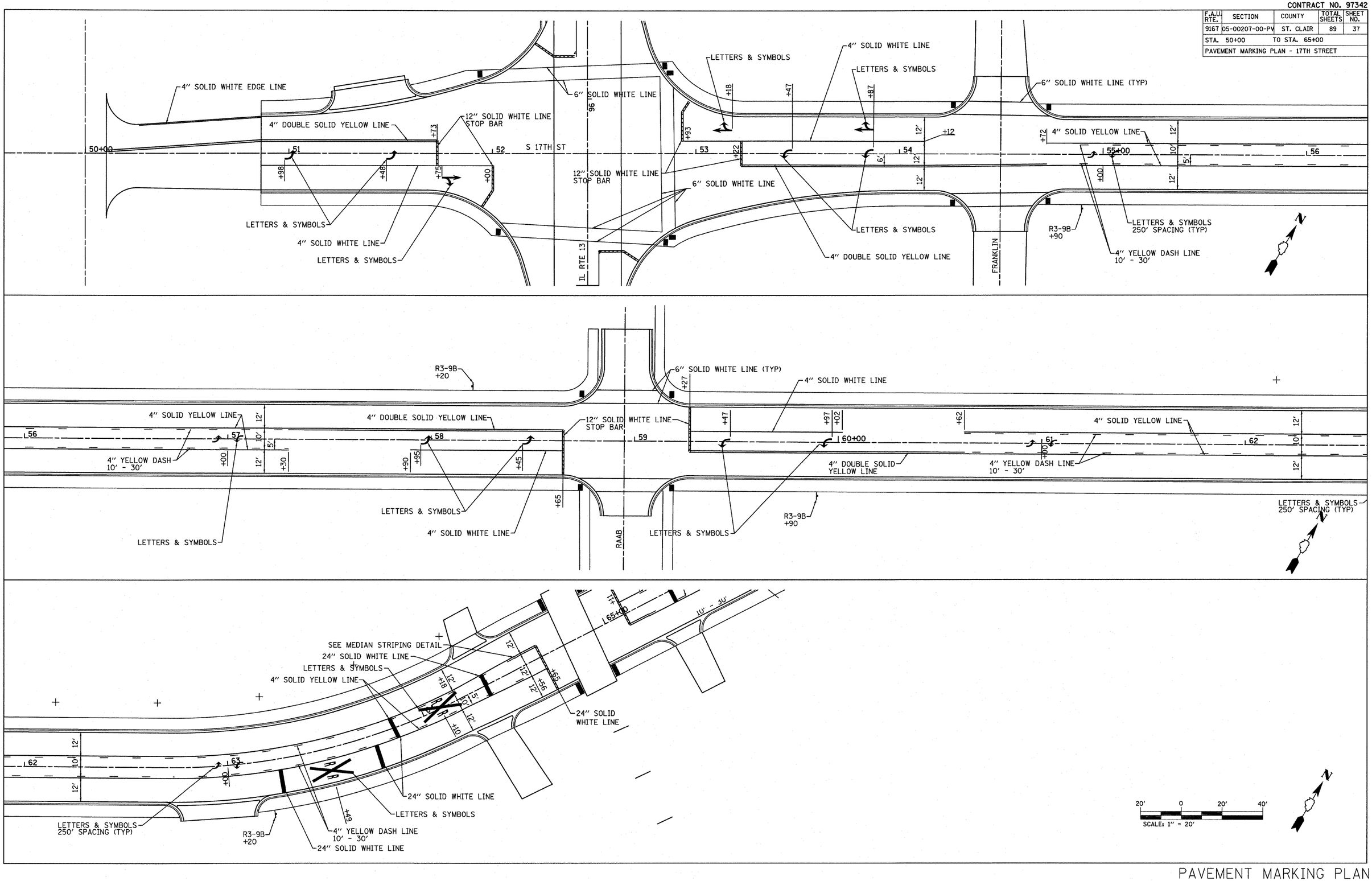
NOTE: ALL ELEVATIONS SHOWN TO EOP UNLESS OTHERWISE NOTED.

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PLOT SCALE = 10.0000 '/ IN.
USER NAME = kste

INTERSECTION DETAILS

CONTRACT NO. 97342

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	37
STA. 50+00		TO STA. 65+00		
PAVEMENT MARKING PLAN - 17TH STREET				

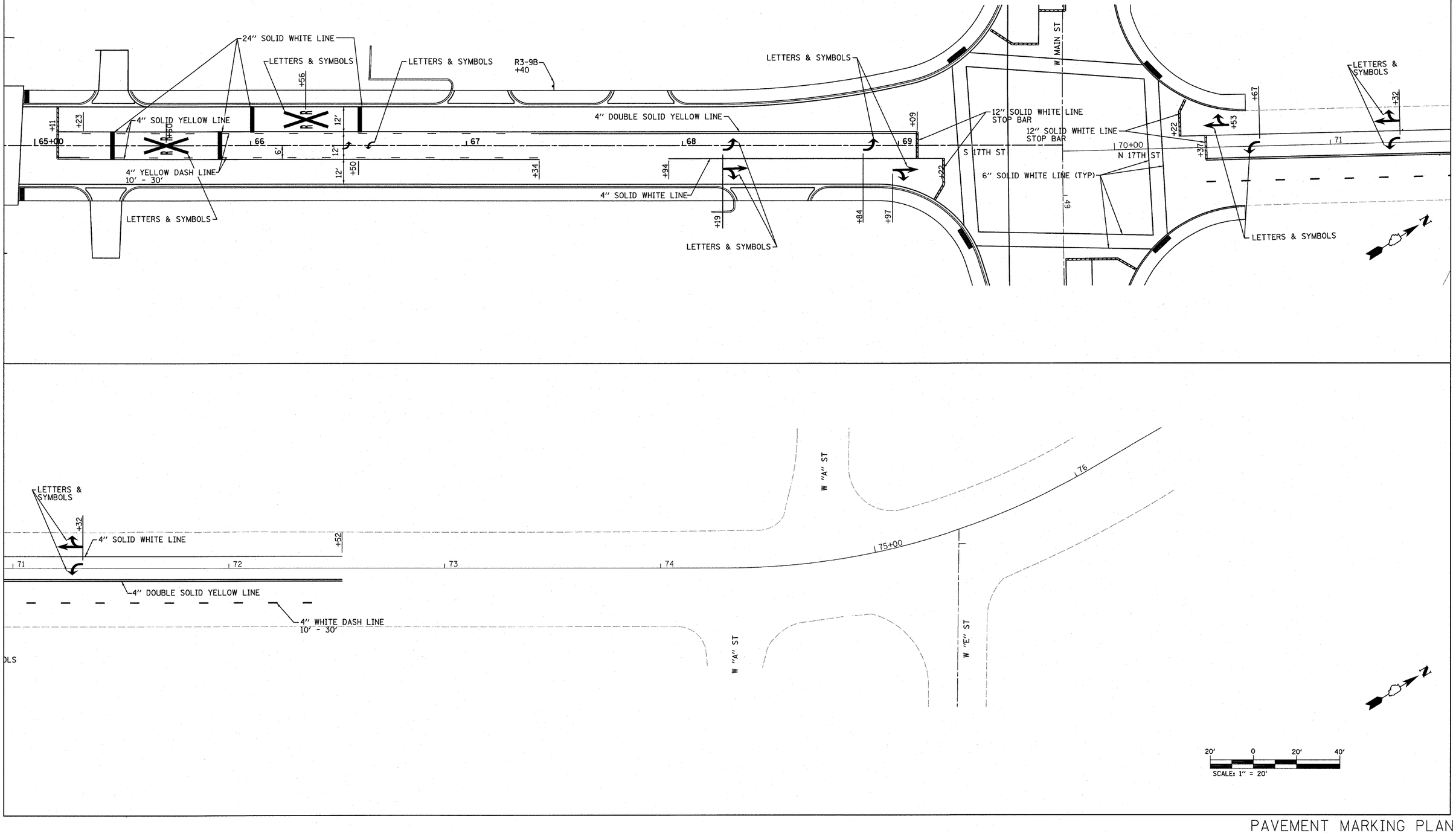


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USER NAME = kate

PAVEMENT MARKING PLAN

CONTRACT NO. 97342

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	38
STA. 65+00	TO STA. 76+00			
PAVEMENT MARKING PLAN - 17TH STREET				

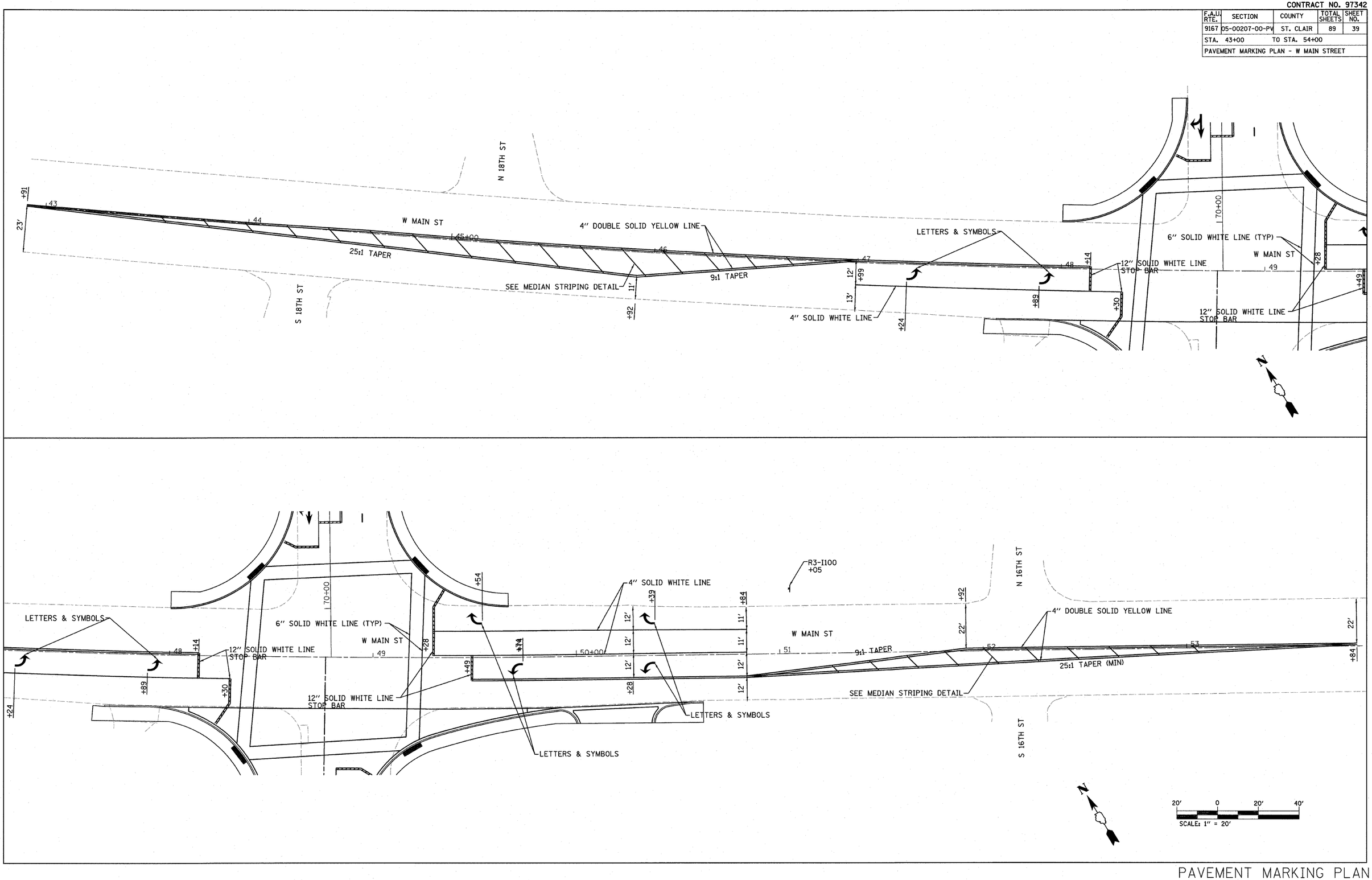


PAVEMENT MARKING PLAN

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USER NAME = kate

CONTRACT NO. 97342

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	39
STA. 43+00	TO STA. 54+00			
PAVEMENT MARKING PLAN - W MAIN STREET				

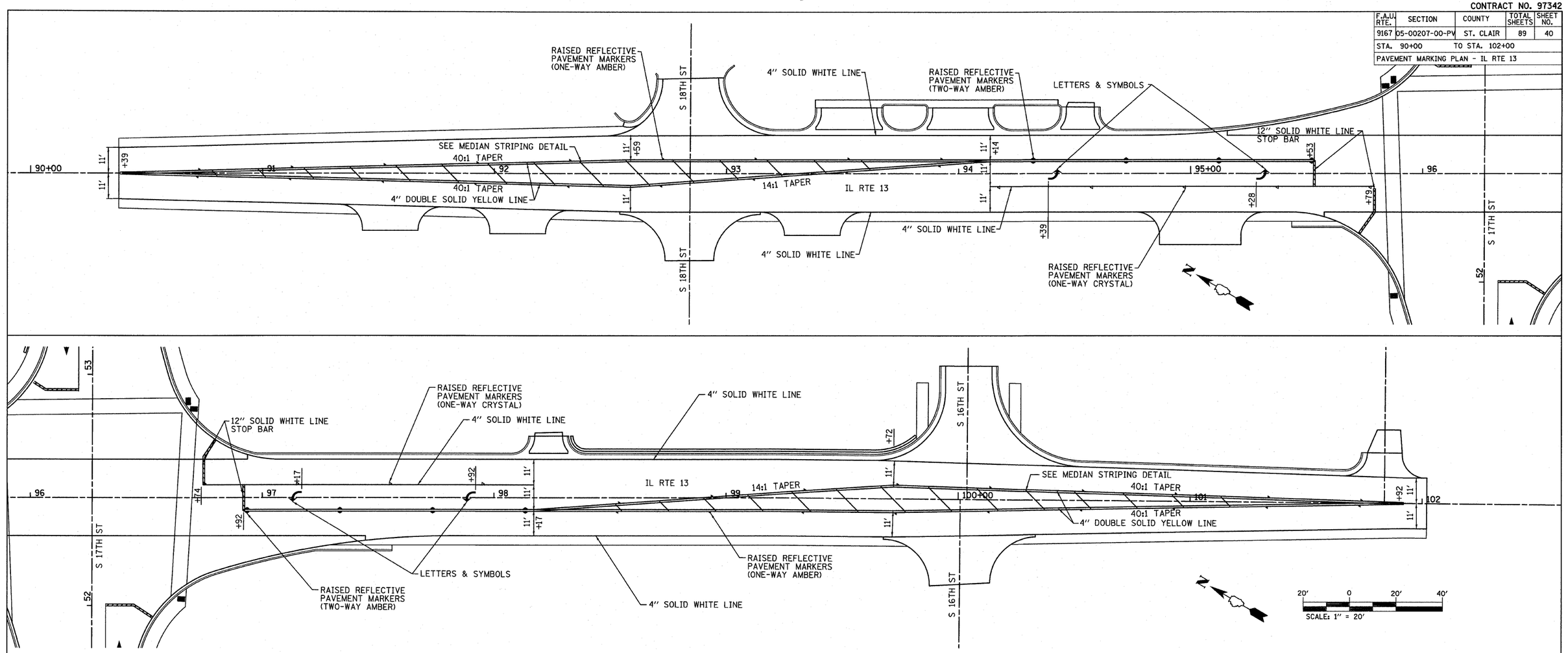


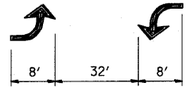
PAVEMENT MARKING PLAN

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USER NAME = kcso

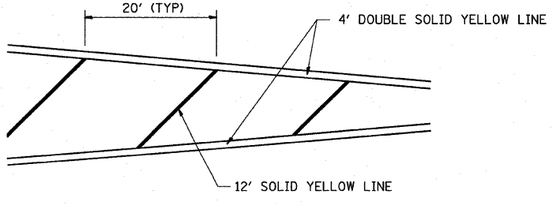
CONTRACT NO. 97342

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	40
STA. 90+00		TO STA. 102+00		
PAVEMENT MARKING PLAN - IL RTE 13				





BI-DIRECTIONAL TURN ARROW DETAIL



MEDIAN STRIPING DETAIL

NOTES:

SEE HIGHWAY STANDARD 780001 FOR PAVEMENT MARKING DETAILS

ALL PAVEMENT MARKINGS ON CONCRETE SHALL BE POLYUREA. ALL PAVEMENT MARKINGS ON HOT-MIX ASPHALT SHALL BE THERMOPLASTIC

PLOT DATE = 9/2/2009
FILE NAME = H:\P\24842\Microstation\V8\pmp\001.dgn
PLOT SCALE = 20.0000 ' / IN.
USER NAME = kate

PAVEMENT MARKING PLAN

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST.CLAIR	89	41
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

1. ALL SIGNAL HEADS SHALL BE POLYCARBONATE AND SHALL HAVE 12" LENSES. MOUNTING HARDWARE SHALL BE UNPAINTED ALUMINUM, ALL BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
2. BACKPLATES SHALL BE ABS PLASTIC
3. CONTROLLER CABINETS, SIGNAL POSTS AND BASES SHALL BE UNPAINTED AUMINUM.
4. THE LOCATION OF MAST ARM SUPPORTS SHALL BE APPROVED BY THE ENGINEER BEFORE FOUNDATIONS ARE CONSTRUCTED. MAST ARM POLES SHALL BE LOCATED A MINIMUM OF TEN (10) FEET FROM THE EDGE OF PAVEMENT OR TWO (2) FEET FROM THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN CURBED SECTIONS, THE MAST ARM POLES SHALL BE LOCATED A MINIMUM OF FIVE (5) FEET FROM THE FACE OF THE CURB. THESE DISTANCES ARE TO THE NEAR FACE OF THE MAST ARM POLE.
5. ALL TRAFFIC SIGNAL CABLE SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. THERE SHALL BE FOUR (4) GROUND RODS IN THE CONTROLLER CABINET. GROUND WIRES SHALL BE #6 AWG STRANDED, BARE COPPER.
6. ALL PROPOSED CONDUIT SHALL BE PVC UNLESS NOTED OTHERWISE. ALL CONDUIT SHALL BE PLACED AND BACKFILLED PRIOR TO CONSTRUCTION OF NEW PAVEMENT, SHOULDER AND CURB. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PUSHING OR PULLING CONDUIT AFTER SUCH WORK HAS BEEN COMPLETED.
7. THE LOCATION OF ALL DETECTOR LOOPS SHALL BE APPROVED BY THE ENGINEER BEFORE ANY SLOTS ARE SAWED IN THE PAVEMENT.
8. THE OPTICAL UNIT OF ALL TRAFFIC AND PEDESTRIAN SIGNAL HEAD SHALL BE LIGHT EMITTING DIODES (LED) INSTEAD OF INCANDESCENT BULBS.
9. DETECTOR LOOP LEAD-IN SPLICES SHALL BE MADE IN A HANDHOLE PER SECTION 873 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". CONDUCTORS SHALL BE SPLICED IN A RIGID MOLD FILLED WITH NON-HARDENING EPOXY FILLER. RESIN CORE SOLDER SHALL BE USED.
10. ALL INDUCTION LOOP DETECTOR AMPLIFIERS SUPPLIED FOR THIS INTERSECTION SHALL BE RACK MOUNTED AND SHALL HAVE THE CAPACITY OF OPERATING WITH BOTH DELAY AND EXTENSION MODES ACTIVE, IF A TIME SETTING IS PROGRAMMED.
11. SLOPE HANDHOLE COVERS TO MATCH PROPOSED GRADE ELEVATIONS.
12. ALL UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY ATTEMPT TO CONSTRUCT ANY COMPONENT OF THE VARIOUS TRAFFIC SIGNAL INSTALLATIONS. AGENCIES KNOWN TO HAVE FACILITIES WITHN THE LIMITS OF THIS IMPROVEMENT ARE THE FOLLOWING:

    ATT (TELEPHONE)
    CHARTER (CABLE)
    ILLINOIS-AMERICAN WATER (WATER)
    AMERENIP (GAS & ELECTRIC)
    CITY OF BELLEVILLE (SANITARY SEWER, STORM SEWER, & TRAFFIC SIGNALS)

    THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE PLANS HAVE BEEN LOCATED AT THE TIME OF SURVEY, OR BASED ON AVAILABLE EXISTING INFORMATION. NO GUARANTEE IS IMPLIED THAT ALL UTILITIES HAVE BEEN LOCATED OR DEPICTED ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXACT LOCATION OF ALL UTILITIES. IT MAY BE NECESSARY TO HAND DIG TEST HOLES TO EXPOSE EXISTING UTILITIES AT SOME LOCATIONS.
13. SEE "JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS" (JULIE) IN THE SPECIAL PROVISIONS. CALL (800) 892-0123 ONE WEEK BEFORE PLANNING TO DIG.
14. CONDUIT SPLICES WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED PART OF THE NEW CONDUIT INSTALLATION.
15. THE CONTRACTOR SHALL INSTALL THE STREET NAME SIGNS ON THE MAST ARMS AS SHOWN ON THE PLANS AS FOLLOWS:

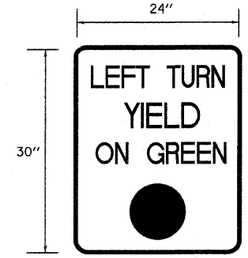
    WEST MAIN STREET INTERSECTIONS:
    ONE SIGN, N.W. QUAD., VISIBLE TO W.B. TRAFFIC (F)
    ONE SIGN, S.W. QUAD., VISIBLE TO S.B. TRAFFIC (C)
    ONE SIGN, N.E. QUAD., VISIBLE TO N.B. TRAFFIC (C)
    ONE SIGN, S.E. QUAD., VISIBLE TO E.B. TRAFFIC (E)

    IL RTE 13 (SOUTH BELT WEST) INTERSECTION:
    ONE SIGN, N.W. QUAD., VISIBLE TO W.B. TRAFFIC (B)
    ONE SIGN, S.W. QUAD., VISIBLE TO S.B. TRAFFIC (D)
    ONE SIGN, S.E. QUAD., VISIBLE TO E.B. TRAFFIC (D)
    ONE SIGN, N.E. QUAD., VISIBLE TO N.B. TRAFFIC (B)

    THE CONTRACTOR SHALL FABRICATE, DELIVER AND INSTALL A STREET NAME SIGN AT EACH OF THE ABOVE SPECIFIED LOCATIONS. THE SIGNS AND INSTALLATION SHALL CONFORM TO SECTION 720 OF THE "STANDARD SPECIFICATION" AND HIGHWAY STANDARDS 720001, 720006 AND 720016, EXCEPT THAT THE SIGN PANELS SHALL BE POSITIONED IMMEDIATELY TO THE RIGHT OF THE RIGHT-HAND MAST ARM MOUNTED SIGNAL HEAD.
16. THE LOCATION OF SIGNAL HEADS ON MAST ARMS SHALL BE APPROVED BY THE ENGINEER BEFORE MAST ARMS ARE INSTALLED.
17. SEE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND CONSTRUCTION STAGING REQUIREMENTS.
18. THE ENGINEER WILL PROVIDE SOIL BORINGS TO DETERMINE ACTUAL MAST ARM FOUNDATION DEPTHS. THE CONTRACTOR SHALL VERIFY REQUIRED DEPTHS PRIOR TO STEEL FABRICATION AND CONSTRUCTION OF CONCRETE FOUNDATIONS.
19. PEDESTRIAN PUSH BUTTONS SHALL BE PELCO SE-2039, SE-2040 OR EQUIVALENT. PUSH BUTTONS SHALL BE MOUNTED 30" ABOVE SURFACE OF SIDEWALK AND AT A RIGHT ANGLE TO THE CROSSWALK.
20. PUSH-BUTTON SIGNS TO BE PELCO SF-1017-08 AND SF 1018-08 OR EQUIVALENT.

TRAFFIC SIGNAL LEGEND

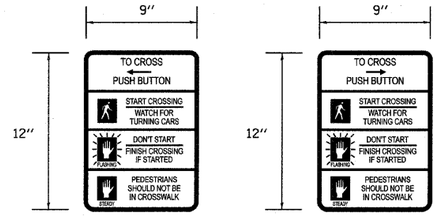
- PROPOSED SIGNAL HEAD WITH BACKPLATE (SEE HIGHWAY STANDARD 880006)
- PROPOSED SIGNAL HEAD (SEE HIGHWAY STANDARD 880006)
- PROPOSED HANDHOLE (SEE HIGHWAY STANDARD 814001)
- PROPOSED DOUBLE HANDHOLE (SEE HIGHWAY STANDARD 814006)
- PROPOSED DETECTOR LOOP 6'X50' (SEE HIGHWAY STANDARDS 886001 & 886006)
- PROPOSED CONDUIT, SIZE SPECIFIED
- PROPOSED PEDESTRIAN SIGNAL HEAD
- PROPOSED PEDESTRIAN PUSH-BUTTON
- PROPOSED SIGN
- PROPOSED MAST ARM (LENGTH SPECIFIED) (SEE HIGHWAY STANDARD 877001 & 878001)
- SERVICES POLE (SEE HIGHWAY STANDARD 805001)
- PROPOSED CONTROLLER
- PROPOSED EMERGENCY VEHICLE PRIORITY SYSTEM WITH CONFIRMATION BEACON (PAY ITEM: LIGHT DETECTOR)



FURNISH & INSTALL FOUR (4) EACH SIGNS - EIGHT (8) TOTAL
R10-12

MOUNT SIGNS ON THE MAST ARMS, 2'-8" FROM THE CENTER OF THE SIGN TO THE CENTER OF THE 5-SECTION SIGNAL HEAD. (8" SPACING BETWEEN THE EDGE OF THE SIGN AND THE EDGE OF THE SIGNAL HEAD BACK PLATE)

DETAIL OF
SIGN PANEL – TYPE 1
(NOT TO SCALE)

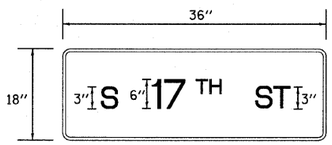


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FURNISH & INSTALL
EIGHT (8) EACH SIGNS AT WEST MAIN ST. & 17TH ST.
SIX (6) EACH SIGNS AT IL RTE. 13 & 17TH ST. - FOURTEEN (14) TOTAL

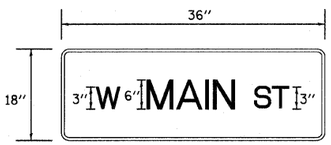
DETAIL OF
SIGN PANEL – TYPE 1 (SPECIAL)
(NOT TO SCALE)

NOTE:
LOCATE PEDESTRIAN PUSH BUTTON AT RIGHT ANGLE TO CROSSWALK



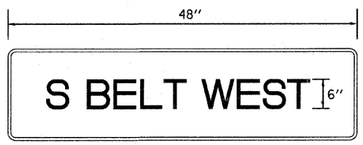
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FURNISH & INSTALL TWO (2) EACH SIGNS



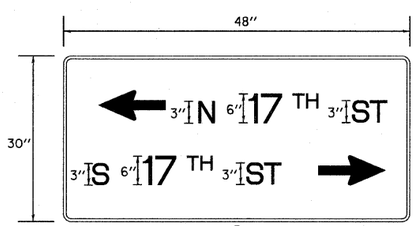
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FURNISH & INSTALL TWO (2) EACH SIGNS



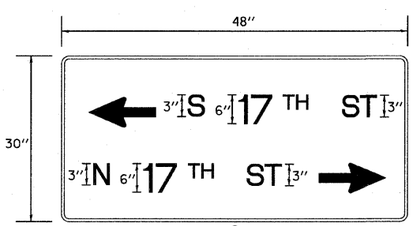
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FURNISH & INSTALL TWO (2) EACH SIGNS



Ⓔ

FURNISH & INSTALL ONE (1) EACH SIGN



Ⓕ

FURNISH & INSTALL ONE (1) EACH SIGN

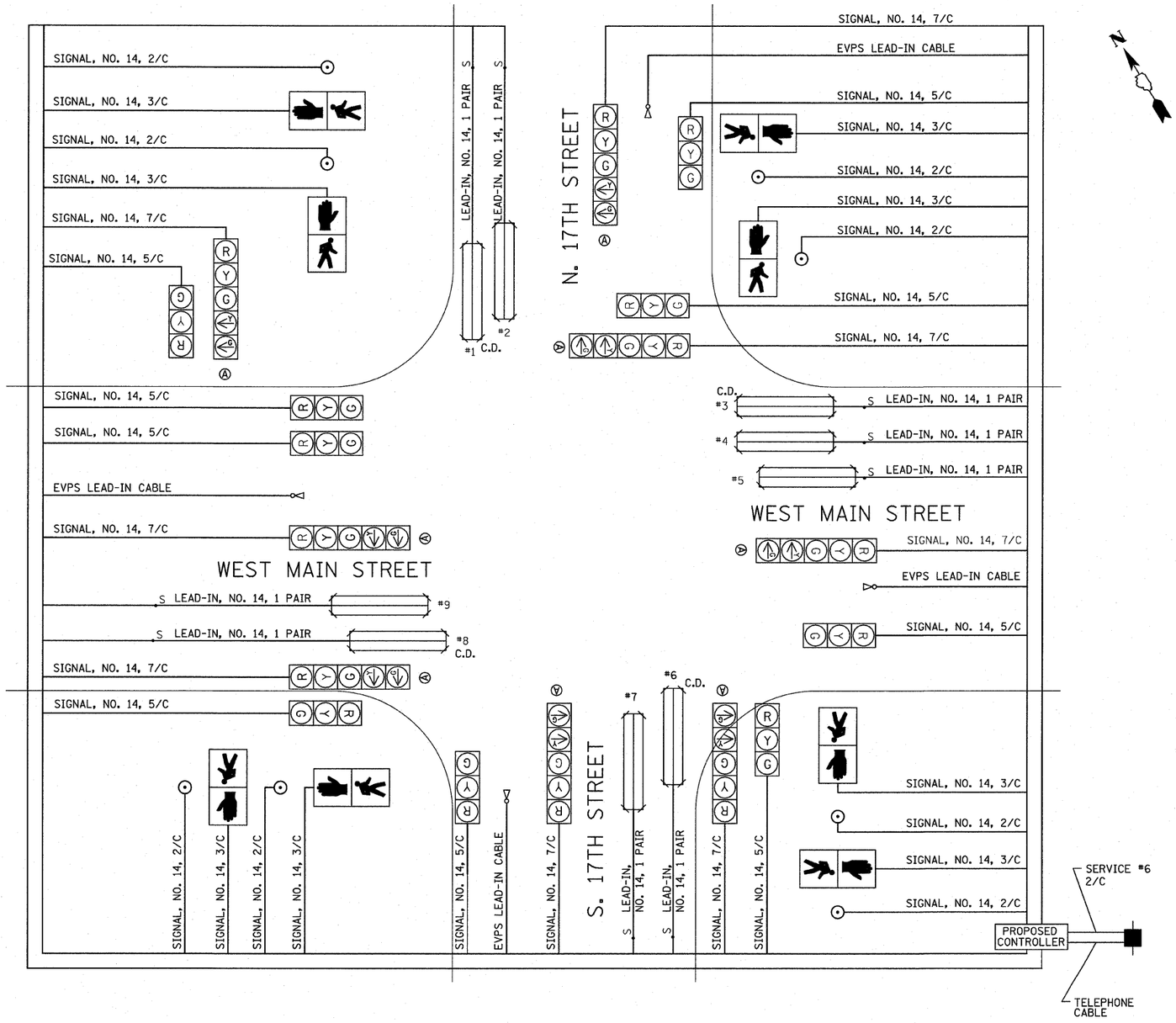
DETAIL OF
SIGN PANEL – TYPE 1 (SPECIAL)
(NOT TO SCALE)

TRAFFIC SIGNAL QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
80300100	LOCATING UNDERGROUND CABLE	FOOT	100
80500100	SERVICE INSTALLATION, TYPE A	EACH	2
81000300	CONDUIT IN TRENCH, 1" DIA., GALVANIZED STEEL	FOOT	25
81000500	CONDUIT IN TRENCH, 1 1/2" DIA., GALVANIZED STEEL	FOOT	25
81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	193
81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	55
81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	12
81013100	CONDUIT IN TRENCH, 5" DIA., PVC	FOOT	4
81013200	CONDUIT IN TRENCH, 6" DIA., PVC	FOOT	5
81028070	CONDUIT, BORED AND PULLED, COILABLE NON-METALLIC CONDUIT, 2 1/2"	FOOT	186
81028080	CONDUIT, BORED AND PULLED, COILABLE NON-METALLIC CONDUIT, 3"	FOOT	212
81028090	CONDUIT, BORED AND PULLED, COILABLE NON-METALLIC CONDUIT, 3 1/2"	FOOT	76
81028100	CONDUIT, BORED AND PULLED, COILABLE NON-METALLIC CONDUIT, 4"	FOOT	77
81400100	HANDHOLE	EACH	6
81400300	DOUBLE HANDHOLE	EACH	2
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	319
85000300	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	L SUM	1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	2
87300305	ELECTRIC CABLE IN TRENCH, LEAD-IN, NO. 14 1 PAIR	FOOT	2,009
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,603
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3,180
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,851
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,089
87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	3
87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	3
87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	2
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	6
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	104
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	9
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	16
88102710	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	14
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	33
88500100	INDUCTIVE LOOP DETECTOR	EACH	17
88600100	DETECTOR LOOP, TYPE I	FOOT	3,235
88700200	LIGHT DETECTOR	EACH	8
88700300	LIGHT DETECTOR AMPLIFIER	EACH	8
88800100	PEDESTRIAN PUSH-BUTTON	EACH	14
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	4
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	4
XX003164	EMERGENCY VEHICLE PRIORITY SYSTEM LEAD-IN CABLE IN CONDUIT	FOOT	1,474
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING NO. 6 1C	FOOT	1,083

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	42
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



CABLE DIAGRAM

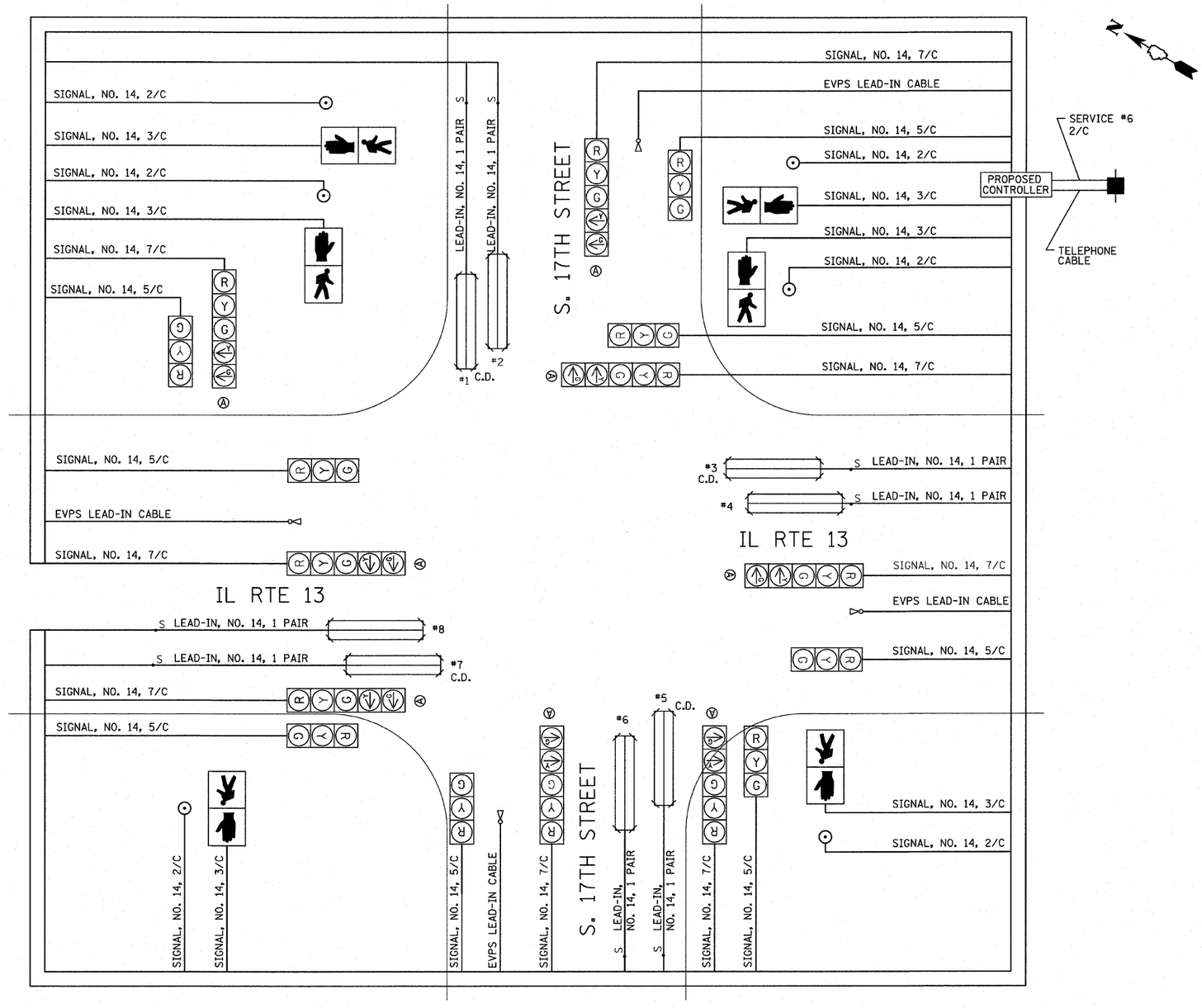
CABLE DIAGRAM LEGEND

- ELECTRIC CABLE IN CONDUIT
- S — CABLE SPLICE (SEE GENERAL NOTES)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- C.D. CALL DELAY (SEE GENERAL NOTES)
- NO. 6 INDICATES AMERICAN WIRE (AWG) SIZE 6
- #6 LOOP DETECTOR NUMBER
- PROPOSED PEDESTRIAN PUSH-BUTTON
- PROPOSED EMERGENCY VEHICLE PRIORITY SYSTEM WITH CONFIRMATION BEACON (PAY ITEM: LIGHT DETECTOR)

PLOT DATE = 9/2/2020
FILE NAME = H:\P\24942\Microstation\81\sgn1001.dgn
PLOT SCALE = 20.0000 ' / IN.
USER NAME = kate

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	43
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



CABLE DIAGRAM

CABLE DIAGRAM LEGEND

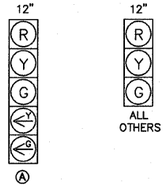
———	ELECTRIC CABLE IN CONDUIT
—S—	CABLE SPLICE (SEE GENERAL NOTES)
2/C	INDICATES NUMBER OF CONDUCTORS IN CABLE
C.D.	CALL DELAY (SEE GENERAL NOTES)
NO. 6	INDICATES AMERICAN WIRE (AWG) SIZE 6
#6	LOOP DETECTOR NUMBER
⊙—	PROPOSED PEDESTRIAN PUSH-BUTTON
⋈	PROPOSED EMERGENCY VEHICLE PRIORITY SYSTEM WITH CONFIRMATION BEACON (PAY ITEM: LIGHT DETECTOR)

PLOT DATE = 9/2/2009
FILE NAME = N:\PC\2042\Microstation\V8\sgp1801.dgn
PLOT SCALE = 20.0000 ' / IN.
USER NAME = kate

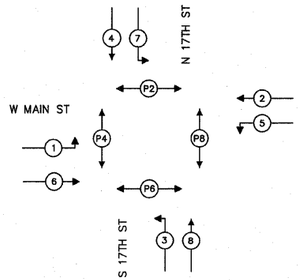
CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	44
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LOOP #	DIRECTION	PHASE	LOOP SIZE (FOOT)	REQUIRED NUMBER OF TURNS	CALCULATED INDUCTANCE (microhenries)	CALCULATED RESISTANCE (ohms)
1	SB RT / THRU	4	6' X 50'	3 – 6 – 3	840	2.8
2	SB LT	7	6' X 50'	3 – 6 – 3	842	2.9
3	WB RT	2	6' X 50'	3 – 6 – 3	825	2.5
4	WB THRU	2	6' X 50'	3 – 6 – 3	828	2.5
5	WB LT	5	6' X 50'	3 – 6 – 3	830	2.6
6	NB RT / THRU	8	6' X 50'	3 – 6 – 3	795	1.8
7	NB LT	3	6' X 50'	3 – 6 – 3	798	1.9
8	EB RT / THRU	6	6' X 50'	3 – 6 – 3	818	2.3
9	EB LT	1	6' X 50'	3 – 6 – 3	821	2.4



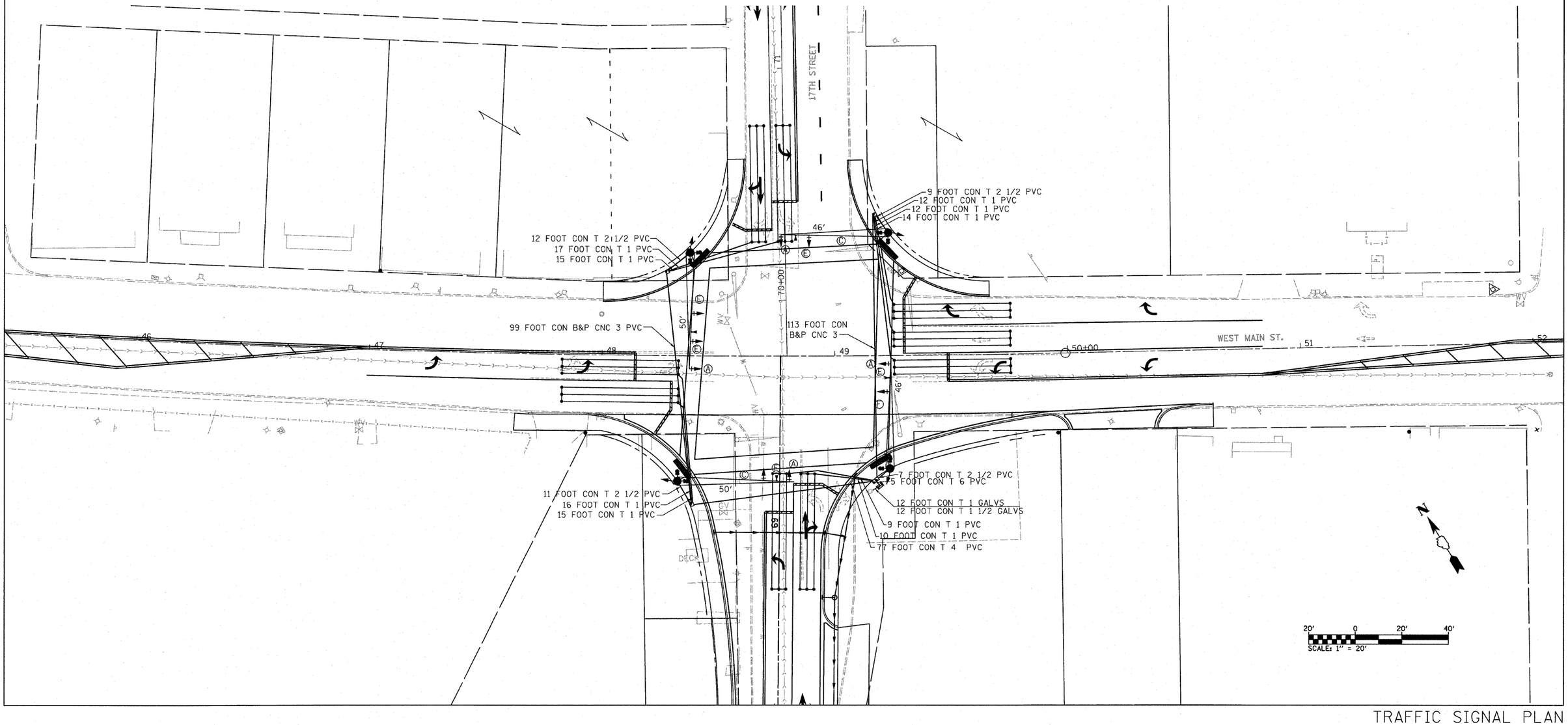
TRAFFIC SIGNAL FACES



PHASE DESIGNATION DIAGRAM

SEQUENCE OF OPERATIONS

FULL-ACTUATED CONTROLLER AND TYPE IV CABINET								
PHASE Ø	1	2	3	4	5	6	7	8
MOVEMENT	EB LT	WB	NB LT	SB	WB LT	EB	SB LT	NB
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	7 OR 8	7 OR 8	1 OR 2	1 OR 2	3 OR 4	3 OR 4

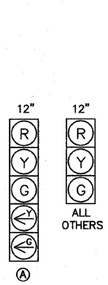


TRAFFIC SIGNAL PLAN

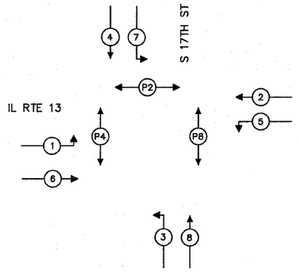
CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	45
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LOOP #	DIRECTION	PHASE	LOOP SIZE (FOOT)	REQUIRED NUMBER OF TURNS	CALCULATED INDUCTANCE (microhenries)	CALCULATED RESISTANCE (ohms)
1	SB RT / THRU	4	6' X 50'	3 – 6 – 3	819	2.4
2	SB LT	7	6' X 50'	3 – 6 – 3	822	2.4
3	WB RT / THRU	2	6' X 50'	3 – 6 – 3	799	1.9
4	WB LT	5	6' X 50'	3 – 6 – 3	801	1.9
5	NB RT / THRU	8	6' X 50'	3 – 6 – 3	816	2.3
6	NB LT	3	6' X 50'	3 – 6 – 3	818	2.3
7	EB RT / THRU	6	6' X 50'	3 – 6 – 3	837	2.7
8	EB LT	1	6' X 50'	3 – 6 – 3	839	2.8



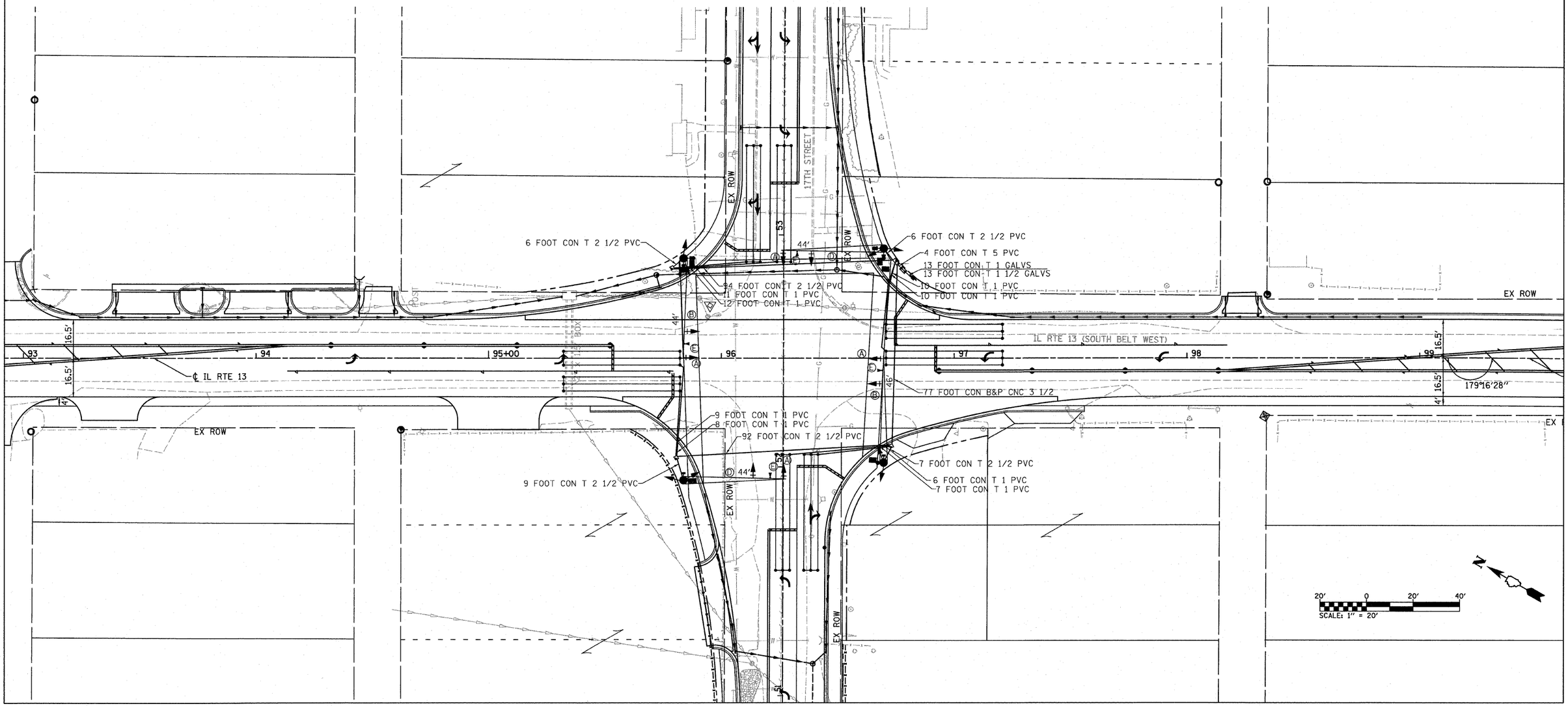
TRAFFIC SIGNAL FACES



PHASE DESIGNATION DIAGRAM

SEQUENCE OF OPERATIONS

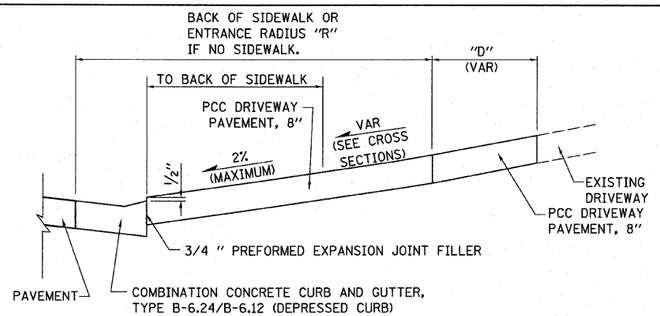
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET								
PHASE ϕ	1	2	3	4	5	6	7	8
MOVEMENT	EB LT	WB	NB LT	SB	WB LT	EB	SB LT	NB
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	7 OR 8	7 OR 8	1 OR 2	1 OR 2	3 OR 4	3 OR 4



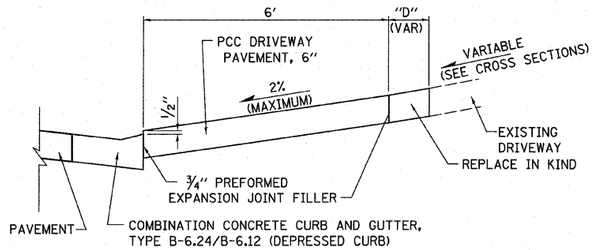
TRAFFIC SIGNAL PLAN

CONTRACT NO. 97342

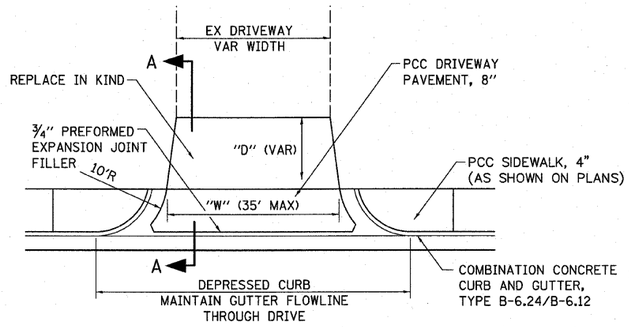
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



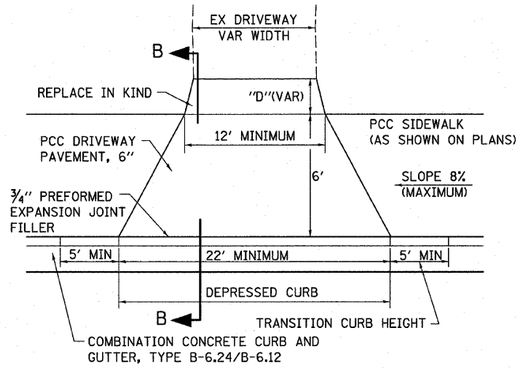
SECTION A-A
(NOT TO SCALE)



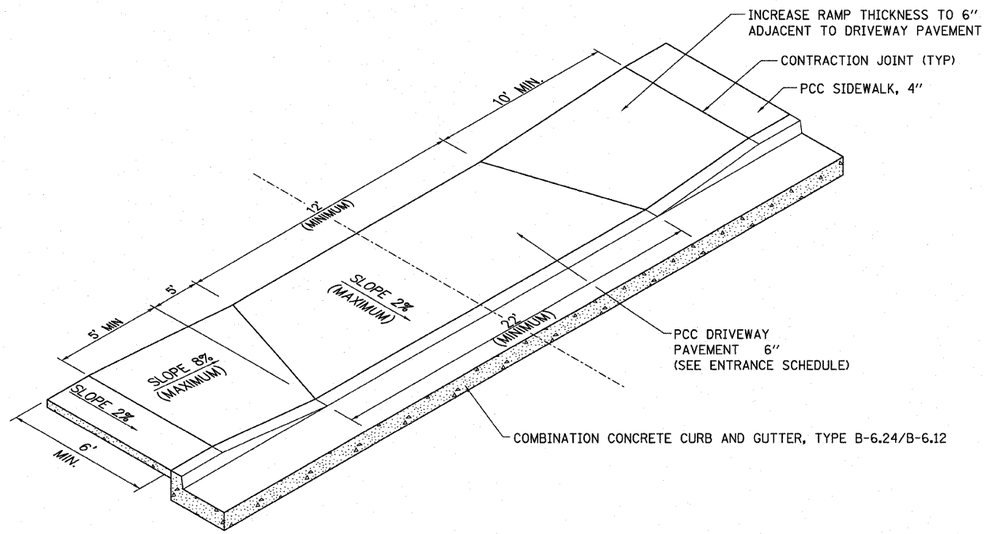
SECTION B-B
(NOT TO SCALE)



TYPICAL COMMERCIAL ENTRANCE DETAIL
(NOT TO SCALE)



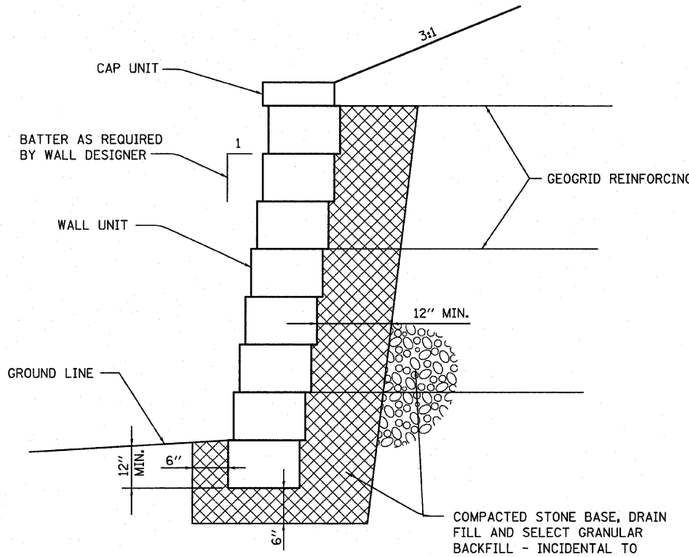
TYPICAL PRIVATE ENTRANCE DETAIL
(NOT TO SCALE)



NOTE:

WHERE ROOF DRAINS INTERSECT THE PROPOSED SEGMENTAL CONCRETE BLOCK RETAINING WALL, PROVIDE AN OPENING IN THE WALL TO PERMIT THE DRAIN TO OUTLET ON THE DOWNSIDE OF THE WALL. THE OPENING SHALL NOT BE MORE THAN 6 INCHES FROM THE GROUND LINE AT THE FOOT OF THE WALL. ANY MATERIALS NEEDED TO ADJUST THE ELEVATION OF AN EXISTING ROOF DRAIN TO OUTLET THROUGH THE PROPOSED WALL WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO SEGMENTAL CONCRETE BLOCK WALL.

QUANTITIES SHOWN SHALL BE VERIFIED BY WALL DESIGNER. ACTUAL MEASUREMENTS AND PAYMENT SHALL BE IN ACCORDANCE WITH SPECIAL PROVISIONS.



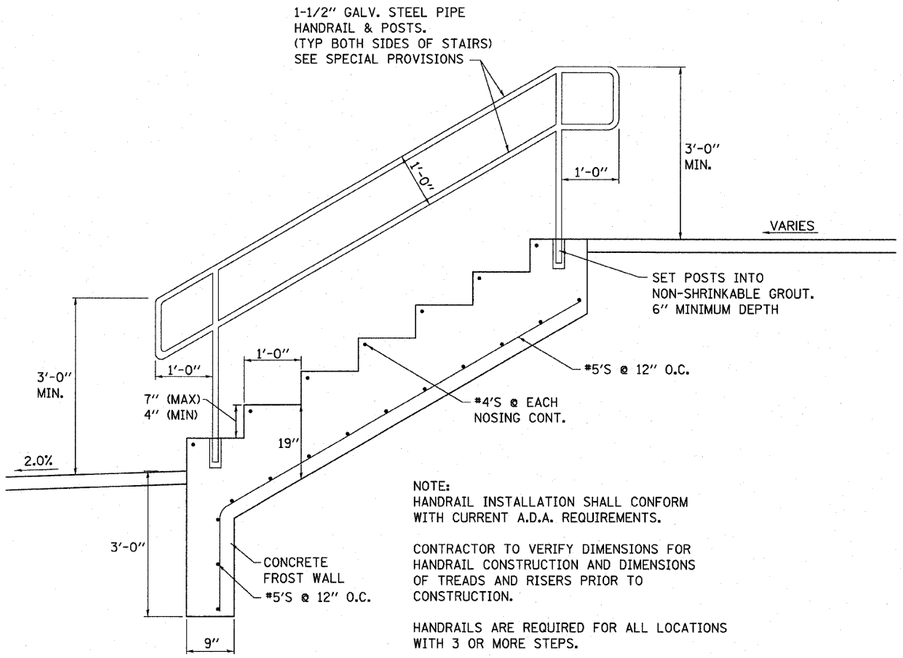
REMOVE EXISTING BANK AS NECESSARY TO INSTALL REINFORCING GEOGRID. COMPACT SOILS OVER GEOGRID PER MANUFACTURER'S RECOMMENDATION - INCIDENTAL TO SEGMENTAL CONCRETE BLOCK WALL

SEGMENTAL CONCRETE BLOCK WALL CONSTRUCTION DETAIL
(NOT TO SCALE)

PLOT DATE = 9/2/2009
FILE NAME = N:\07_24492\Microstation\V8\details.dgn
PLOT SCALE = 20.0000 '/ IN.
USER NAME = kate

CONTRACT NO. 97342

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	47
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTE:
HANDRAIL INSTALLATION SHALL CONFORM WITH CURRENT A.D.A. REQUIREMENTS.

CONTRACTOR TO VERIFY DIMENSIONS FOR HANDRAIL CONSTRUCTION AND DIMENSIONS OF TREADS AND RISERS PRIOR TO CONSTRUCTION.

HANDRAILS ARE REQUIRED FOR ALL LOCATIONS WITH 3 OR MORE STEPS.

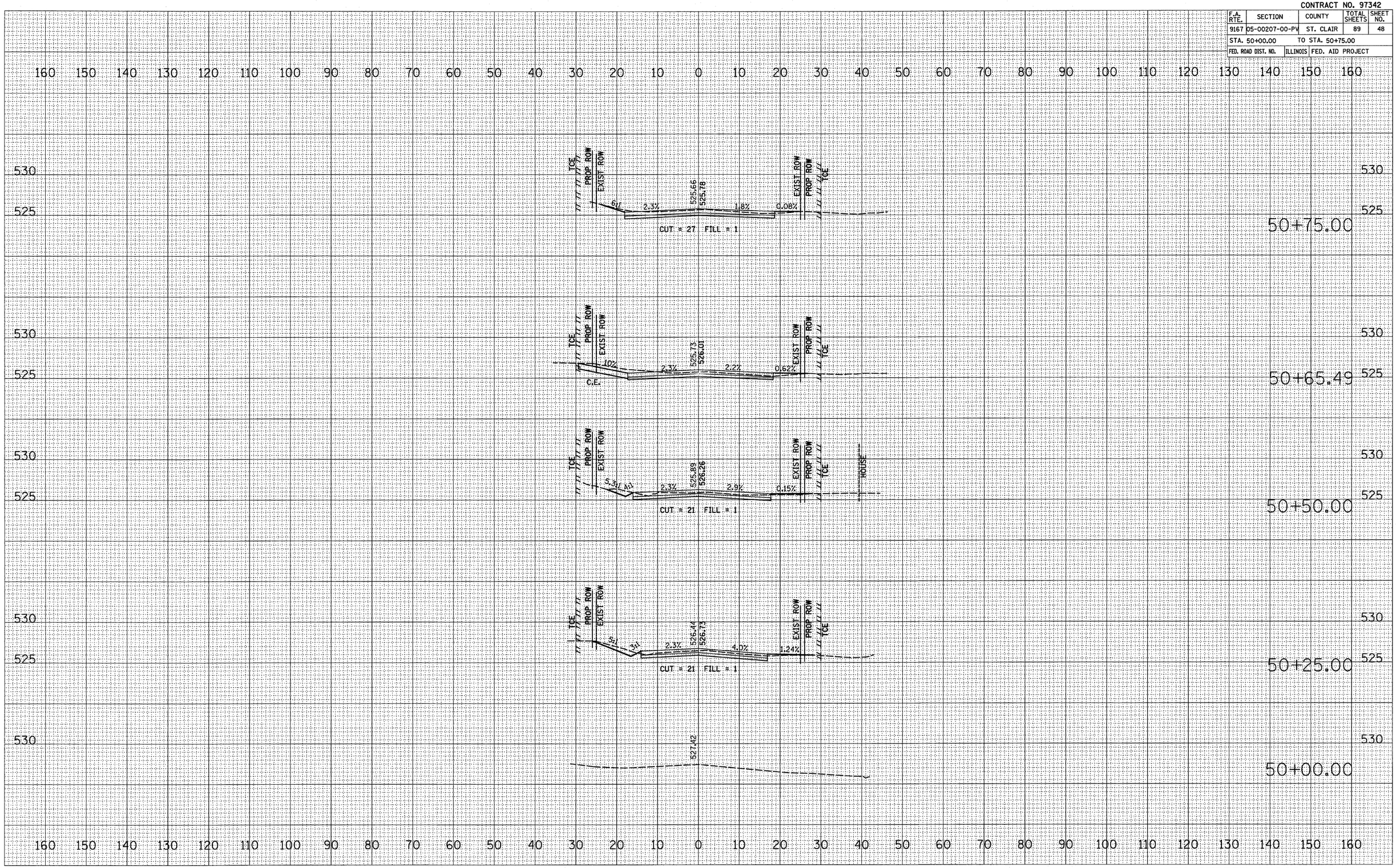
CLASS SI CONCRETE STEPS

(NOT TO SCALE)

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USER NAME = kes

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	48
STA. 50+00.00		TO STA. 50+75.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



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

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

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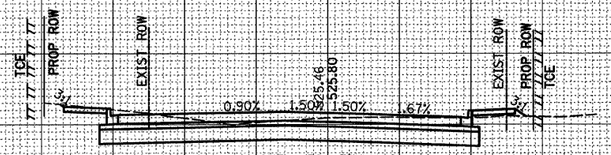
S 17TH STREET CROSS SECTIONS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	49
STA. 51+00.00		TO STA. 51+75.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

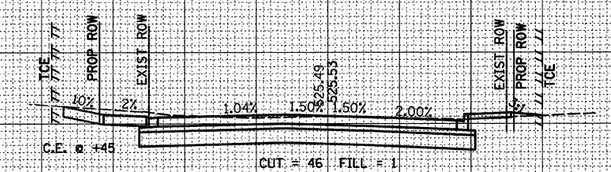
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530
525



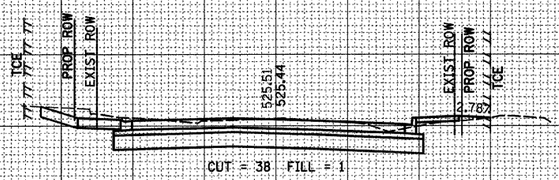
51+75.00

530
525



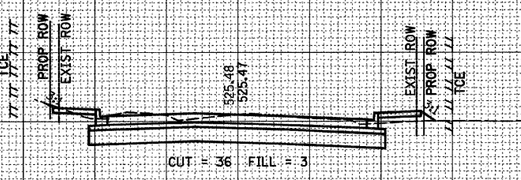
51+50.00

530
525



51+25.00

530
525



51+00.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

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

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

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USER NAME = kate

S 17TH STREET CROSS SECTIONS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	50
STA. 52+00.00		TO STA. 52+84.18		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

530
525

EXIST ROW
526.55
526.61
3:1
0.80 %
0.21 %

0

52+84.18

530
525

EXIST ROW
526.52
526.59
3:1
0.52 %
0.80 %
0.10%
0.40 %
3:1

CUT = 155 FILL = 9

52+75.00

530
525

IL ROUTE 13
526.65

52+50.00

530
525

IL ROUTE 13
0.2%
0.5%
0.2%
0.2%
0.3%

52+25.00

530
525

TOE
PROP ROW
EXIST ROW
525.63
526.17
0.70%
0.80%
0.80%
0.80%
EXIST ROW
PROP ROW

CUT = 42 FILL = 2

52+00.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

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

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

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USER NAME = tcate

S 17TH STREET CROSS SECTIONS

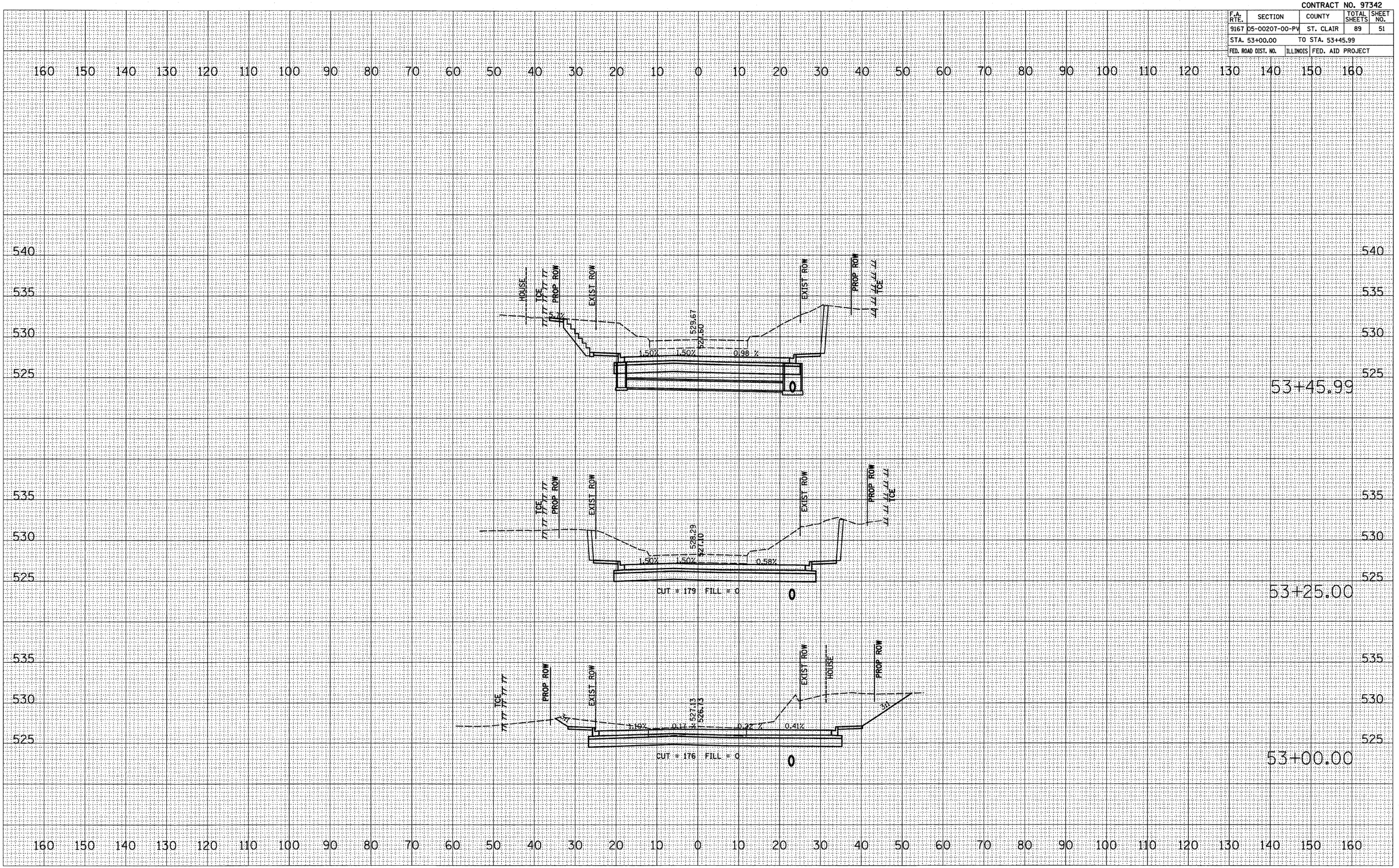
CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	51
STA. 53+00.00		TO STA. 53+45.99		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

ORIGINAL SURVEY	DATE	BY
	SURVEYED	
	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	

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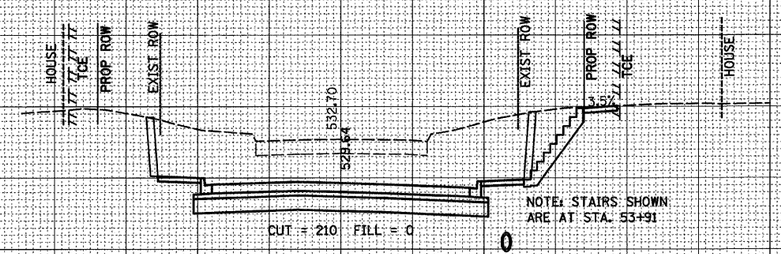
S 17TH STREET CROSS SECTIONS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	52
STA. 53+50.00		TO STA. 54+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

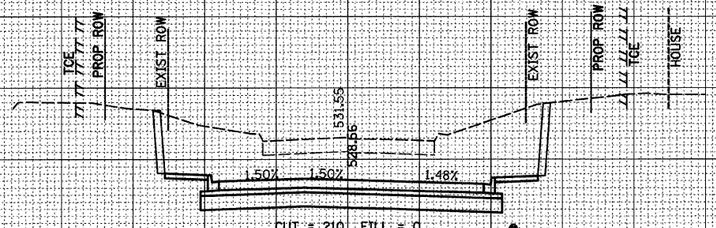
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540 535 530 525

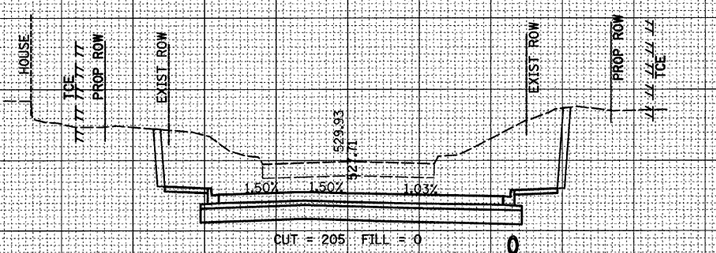


NOTE: STAIRS SHOWN ARE AT STA. 53+91

54+00.00



53+75.00



53+50.00

S 17TH STREET CROSS SECTIONS

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

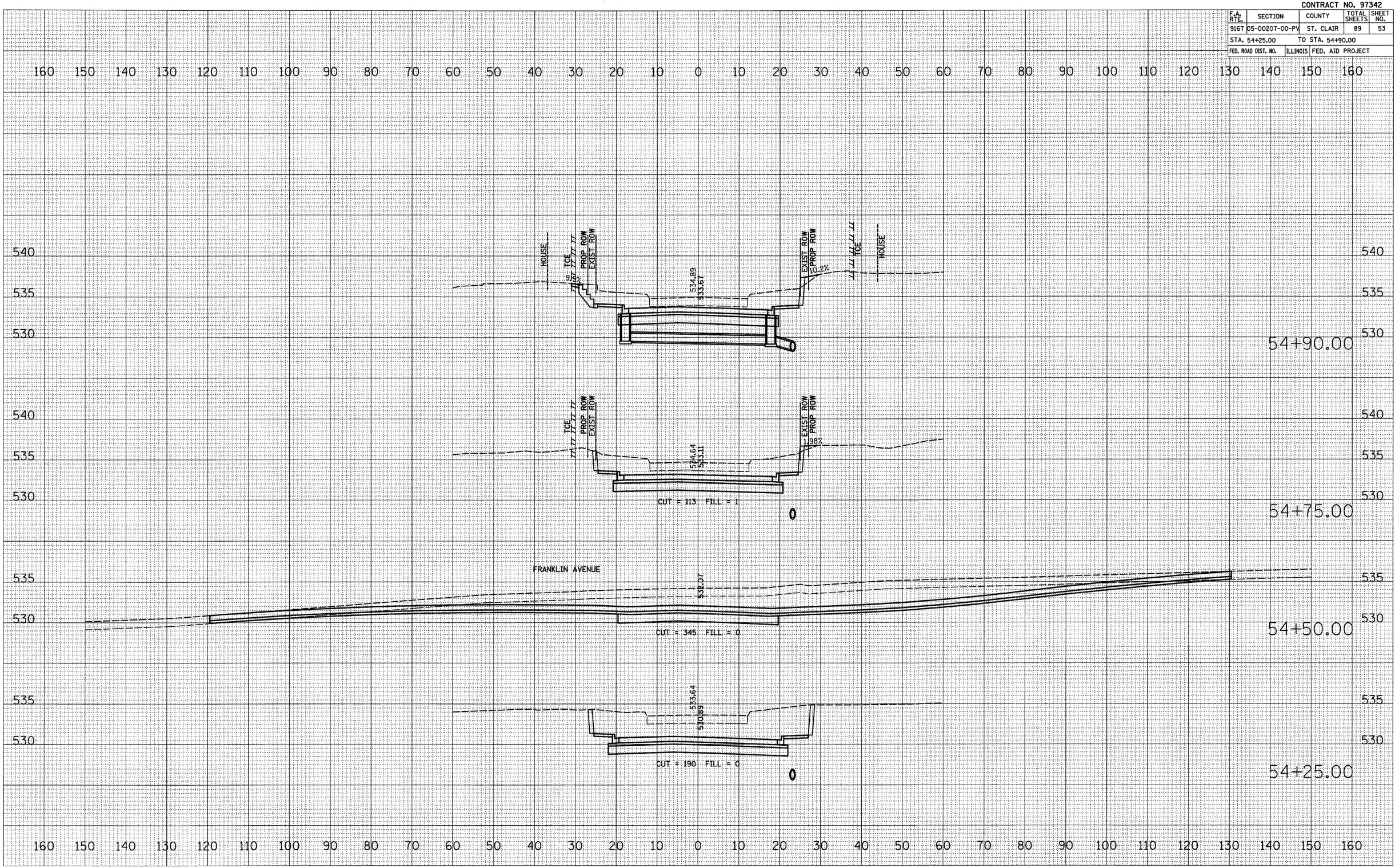
ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
	TEMPLATE	
	AREAS	
NO.	AREAS CHECKED	

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USER NAME = kate

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	53
STA. 54+25.00		TO STA. 54+90.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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



S 17TH STREET CROSS SECTIONS

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

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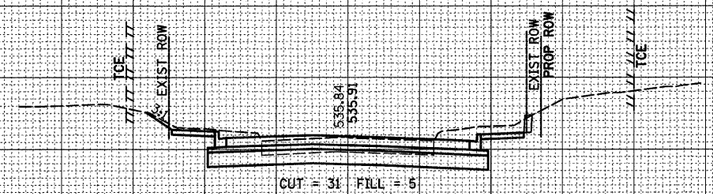
CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	54
STA. 55+00.00		TO STA. 55+75.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

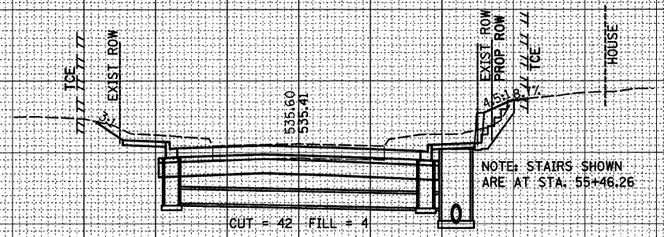
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540 535 530

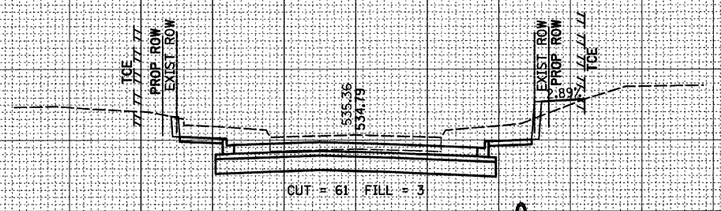
55+75.00



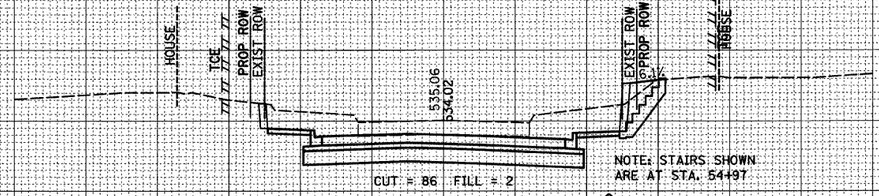
55+50.00



55+25.00



55+00.00



S 17TH STREET CROSS SECTIONS

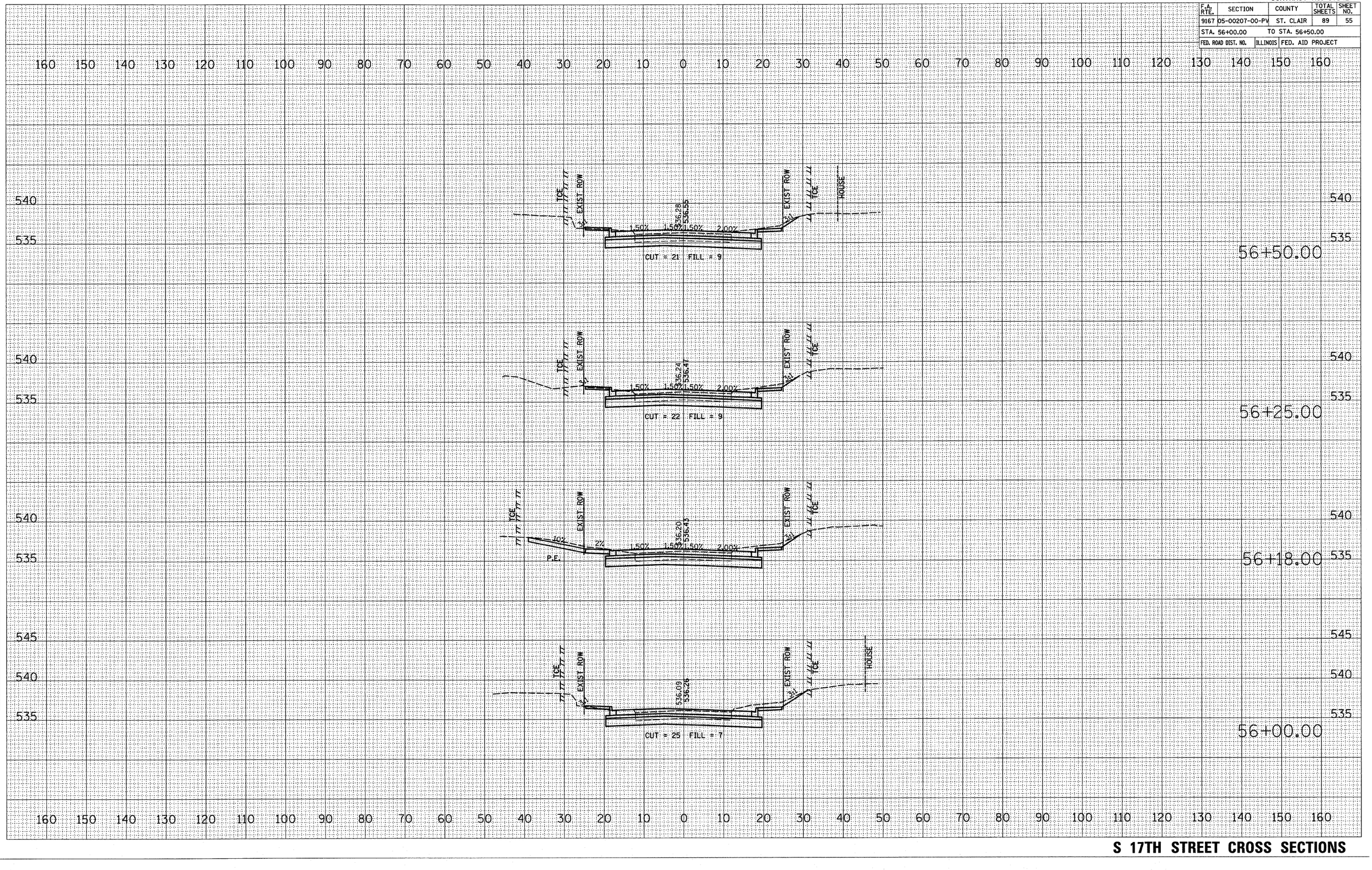
FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		BY
PLOTTED		DATE
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	
SURVEYED	BY
PLOTTED	DATE
TEMPLATE	
AREAS	
AREAS CHECKED	

PLOT DATE = 9/2/2009
FILE NAME = H:\P\24842\Microstation\R\sush17stmp.dgn
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USER NAME = katie

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	55
STA. 56+00.00		TO STA. 56+50.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



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

ORIGINAL SURVEY
SURVEYED — BY — DATE
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

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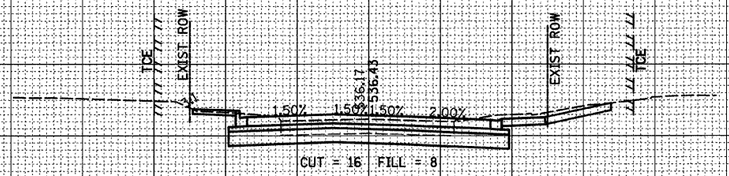
S 17TH STREET CROSS SECTIONS

CONTRACT NO. 97342

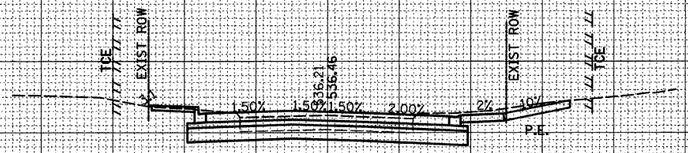
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	56
STA. 56+67.94		TO STA. 57+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

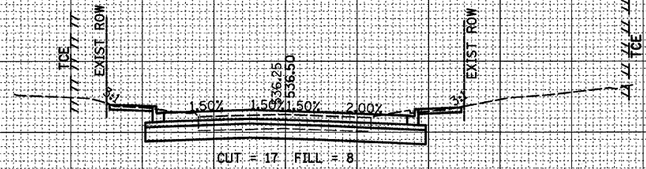
540
535



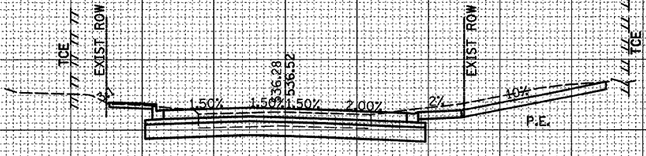
57+00.00



56+89.92



56+75.00



56+67.94

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED

FINAL SURVEY
NOTE BOOK
NO.

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED

ORIGINAL SURVEY
NOTE BOOK
NO.

PLOT DATE = 9/2/2009
FILE NAME = H:\P\24842\Microstation\R\cash1.dgn
PLOT SCALE = 10.0000 ' / IN.
USER NAME = kate

S 17TH STREET CROSS SECTIONS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	57
STA. 57+25.00		TO STA. 57+75.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

540
535

TOE
EXIST ROW
2%
1.50%
1.50%
1.50%
2.00%
535.95
536.20
CUT = 17 FILL = 8
0
57+75.00

TOE
EXIST ROW
8%
2%
P.E.
535.38
536.23
0
57+65.35

HOUSE
TOE
EXIST ROW
536.02
536.28
57+50.00

HOUSE
TOE
EXIST ROW
536.09
536.35
57+25.00

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

PLOT DATE = 9/2/2009
FILE NAME = H:\P\24042\Microstation\V8\xsshts\24042xsht.dgn
PLOT SCALE = 10.0000 ' / IN.
USER NAME = Hahn

S 17TH STREET CROSS SECTIONS

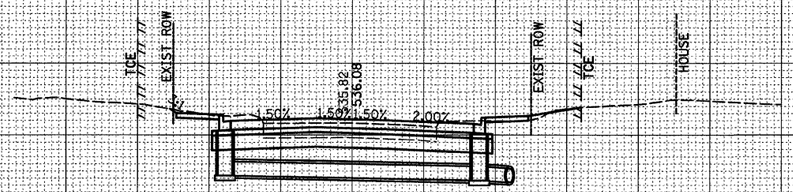
CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	58
STA. 57+84.39		TO STA. 58+15.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

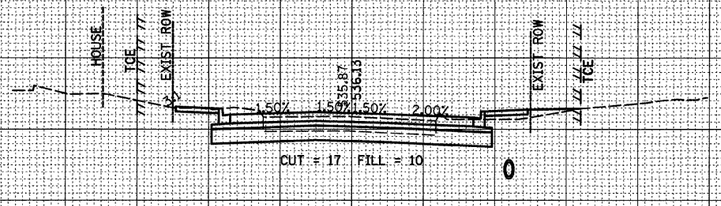
540
535

58+15.00



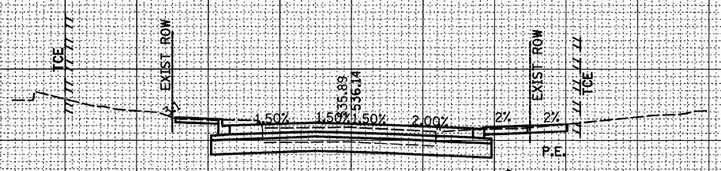
540
535

58+00.00



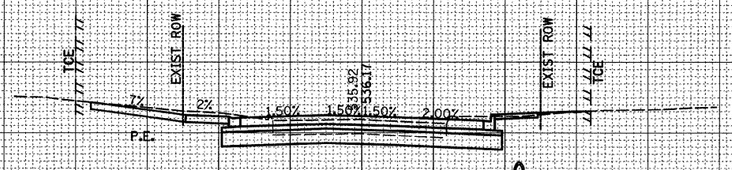
540
535

57+93.92



540
535

57+84.39



160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

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

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

PLOT DATE = 9/2/2009
FILE NAME = h:\P\24842\Microstation\V8\xsshts\xs24842.dgn
PLOT SCALE = 10.0000 ' / IN.
USER NAME = kate

S 17TH STREET CROSS SECTIONS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	59
STA. 58+25.00		TO STA. 58+75.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

540
535

58+75.00

EXIST. ROW
1.50%
1.50%
1.50%
2.00%
535.73
535.90
CUT = 14 FILL = 10
0

58+65.01

HOUSE
EXIST. ROW
1.50%
1.50%
1.50%
2.00%
535.68
535.93
EXIST. ROW
TOE
0

58+50.00

TOE
HOUSE
EXIST. ROW
1.50%
1.50%
1.50%
2.00%
535.70
535.98
EXIST. ROW
TOE
CUT = 17 FILL = 9
0

58+25.00

TOE
EXIST. ROW
1.50%
1.50%
1.50%
2.00%
535.78
536.05
EXIST. ROW
TOE
HOUSE
CUT = 18 FILL = 8
0

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

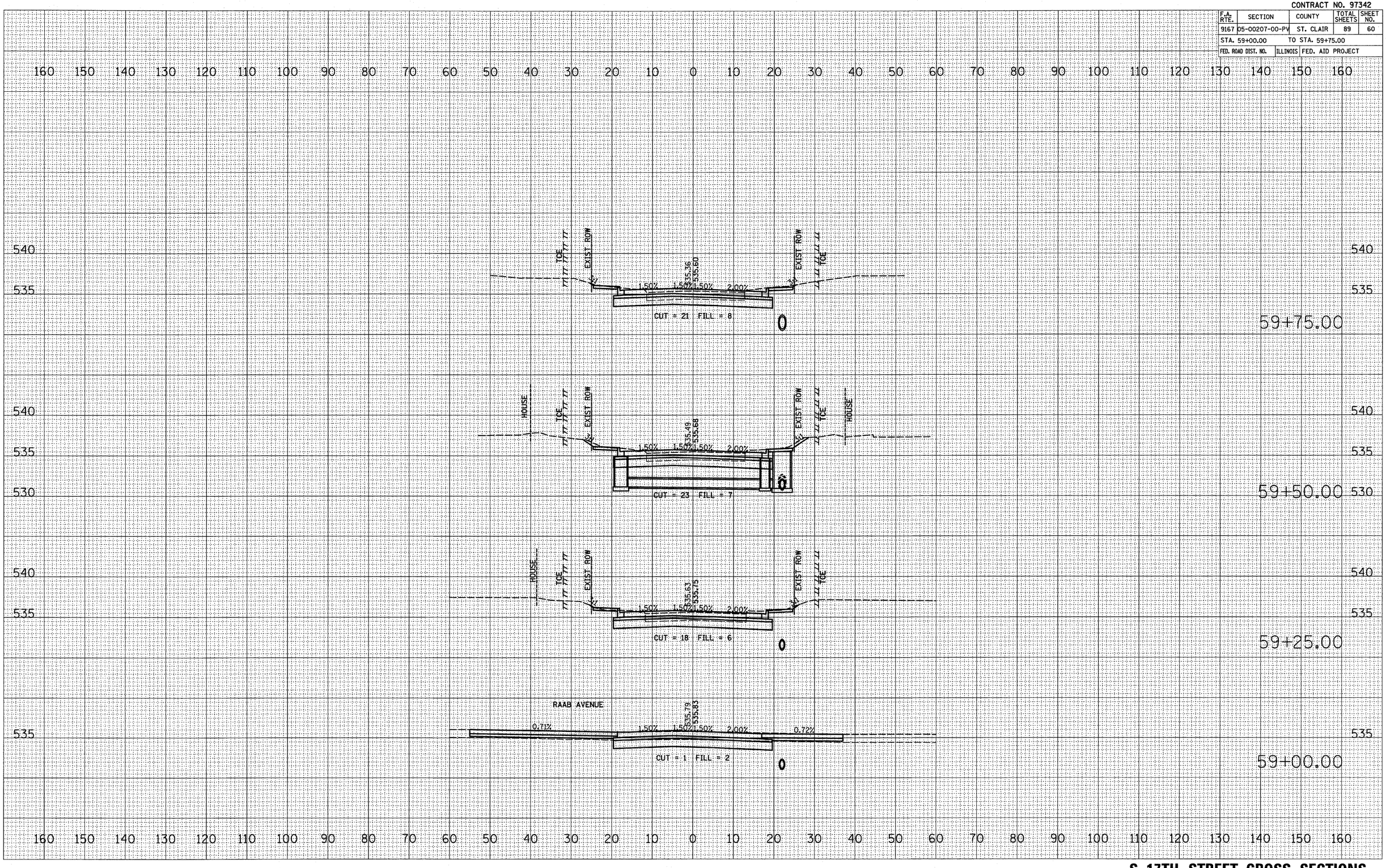
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FILE NAME = H:\PC\24042\Microstation\V8\Xsshts\Xsshts.dgn
PLOT SCALE = 10.0000 ' / IN.
USER NAME = kate

S 17TH STREET CROSS SECTIONS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	60
STA. 59+00.00		TO STA. 59+75.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



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

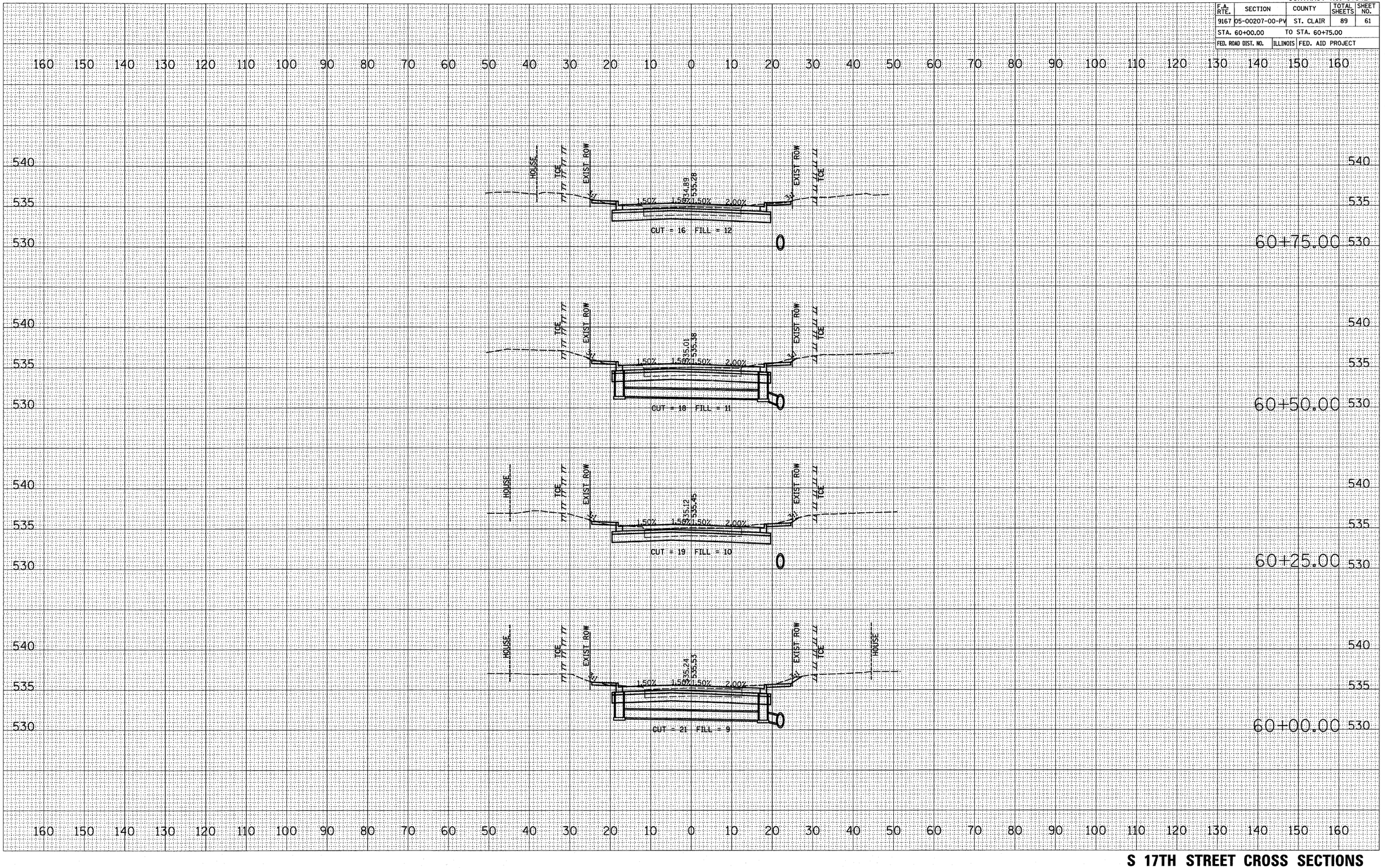
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PLOT SCALE = 10.0000 ' / IN.
USER NAME = kaw

S 17TH STREET CROSS SECTIONS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	61
STA. 60+00.00		TO STA. 60+75.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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



S 17TH STREET CROSS SECTIONS

PLOT DATE = 9/2/2009
FILE NAME = H:\P\24942\Microstation\8\ssh17thss.dgn
PLOT SCALE = 10.0000 ' / IN.
PLOT STYLE = Kase
USER NAME = Kase

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	62
STA. 61+00.00		TO STA. 61+75.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

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

PLOT DATE = 9/2/2009
FILE NAME = N:\PC24042\Microstation\IDS\sash17thp.dgn
PLOT SCALE = 10.0000 ' / IN.
PLOT STYLE = Kate
USER NAME

61+75.00

TOE EXIST ROW EXIST ROW TOE
534.33 534.10
1.50% 1.50% 1.50% 2.00%
CUT = 22 FILL = 6

61+50.00

TOE EXIST ROW EXIST ROW HOUSE
534.19 534.51
1.50% 1.50% 1.50% 2.00%
CUT = 21 FILL = 10

61+25.00

TOE EXIST ROW EXIST ROW HOUSE
534.44 534.85
1.50% 1.50% 1.50% 2.00%
CUT = 17 FILL = 11

61+00.00

TOE EXIST ROW EXIST ROW TOE HOUSE
534.71 535.11
1.50% 1.50% 1.50% 2.00%
CUT = 15 FILL = 12

S 17TH STREET CROSS SECTIONS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	63
STA. 62+00.00		TO STA. 62+75.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	

PLOT DATE = 9/2/2009
FILE NAME = N:\PV\24942\Microstation\V8\xsah17dgn.dgn
PLOT SCALE = 10.0000 ' / IN.
USER NAME = Rona

62+75.00

HOUSE
TOE
PROP ROW
EXIST ROW
533.50
533.41
1.50%
1.50%
1.50%
2.00%
EXIST ROW
TOE
CUT = 31 FILL = 1
0

62+50.00

TOE
EXIST ROW
533.95
533.83
1.50%
1.50%
1.50%
2.00%
EXIST ROW
TOE
HOUSE
CUT = 31 FILL = 0
0

62+25.00

TOE
EXIST ROW
533.33
533.25
1.50%
1.50%
1.50%
2.00%
EXIST ROW
TOE
HOUSE
CUT = 30 FILL = 1
0

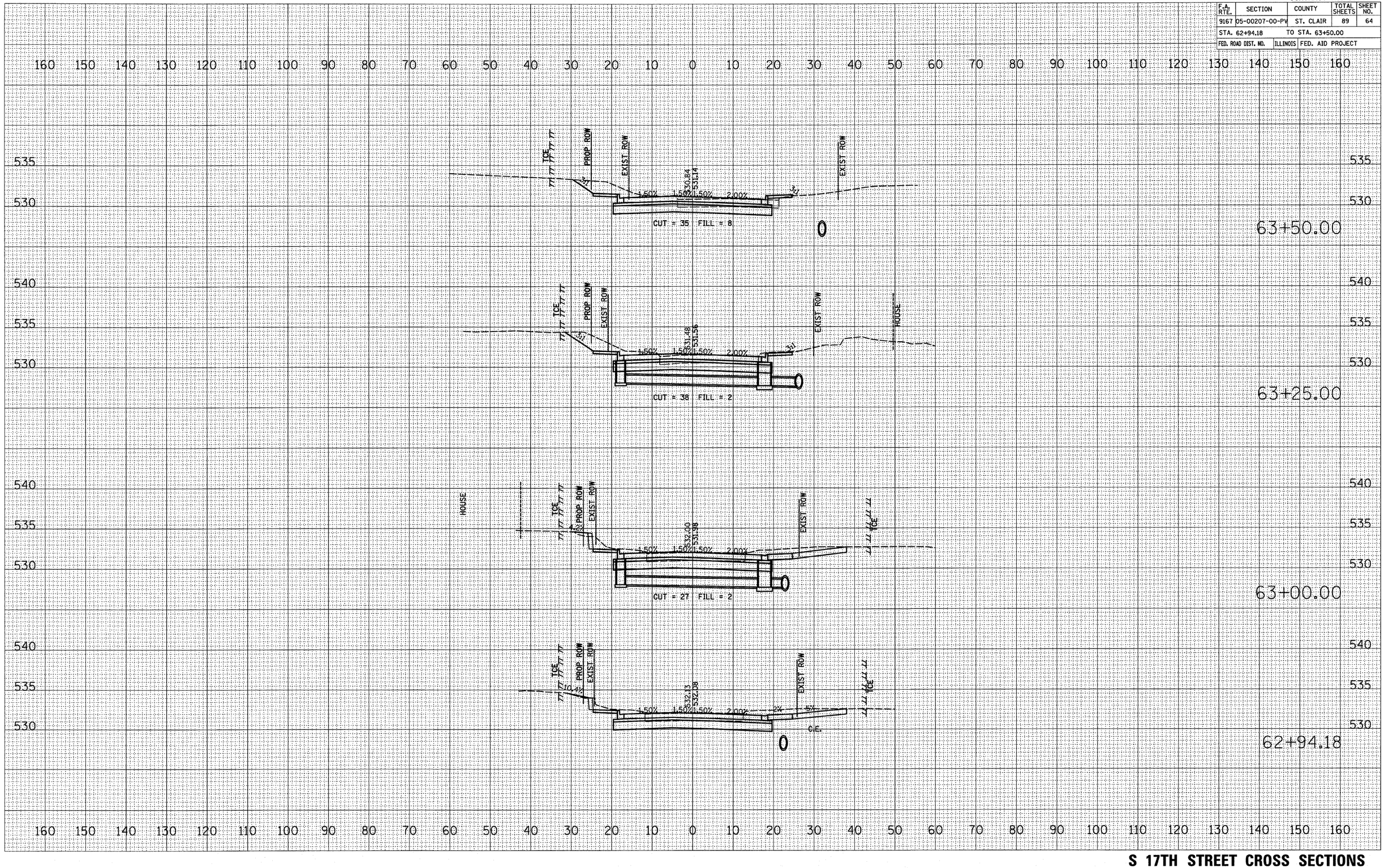
62+00.00

TOE
EXIST ROW
533.63
533.67
1.50%
1.50%
1.50%
2.00%
EXIST ROW
TOE
CUT = 26 FILL = 3
0

S 17TH STREET CROSS SECTIONS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	64
STA. 62+94.18		TO STA. 63+50.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



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

ORIGINAL SURVEY
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED
BY — DATE

PLOT DATE = 9/2/2009
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PLOT STYLE = Base
USER NAME = kase

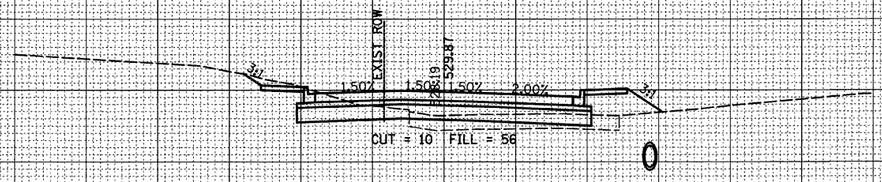
S 17TH STREET CROSS SECTIONS

CONTRACT NO. 97342

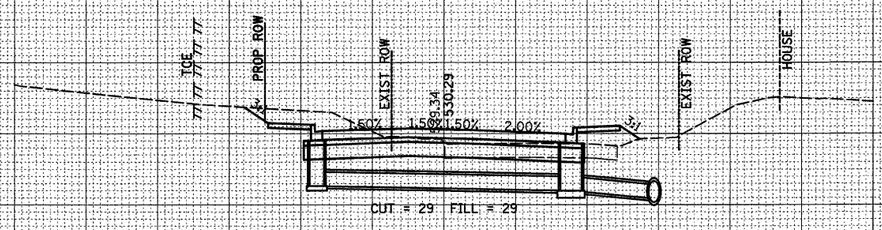
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	65
STA. 63+52.42		TO STA. 64+25.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

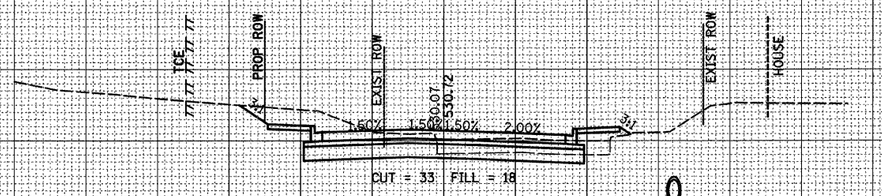
535
530
525



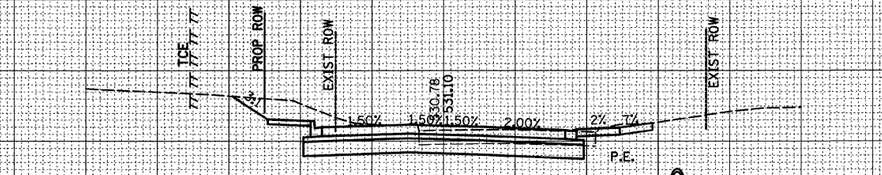
64+25.00



64+00.00



63+75.00



63+52.42

S 17TH STREET CROSS SECTIONS

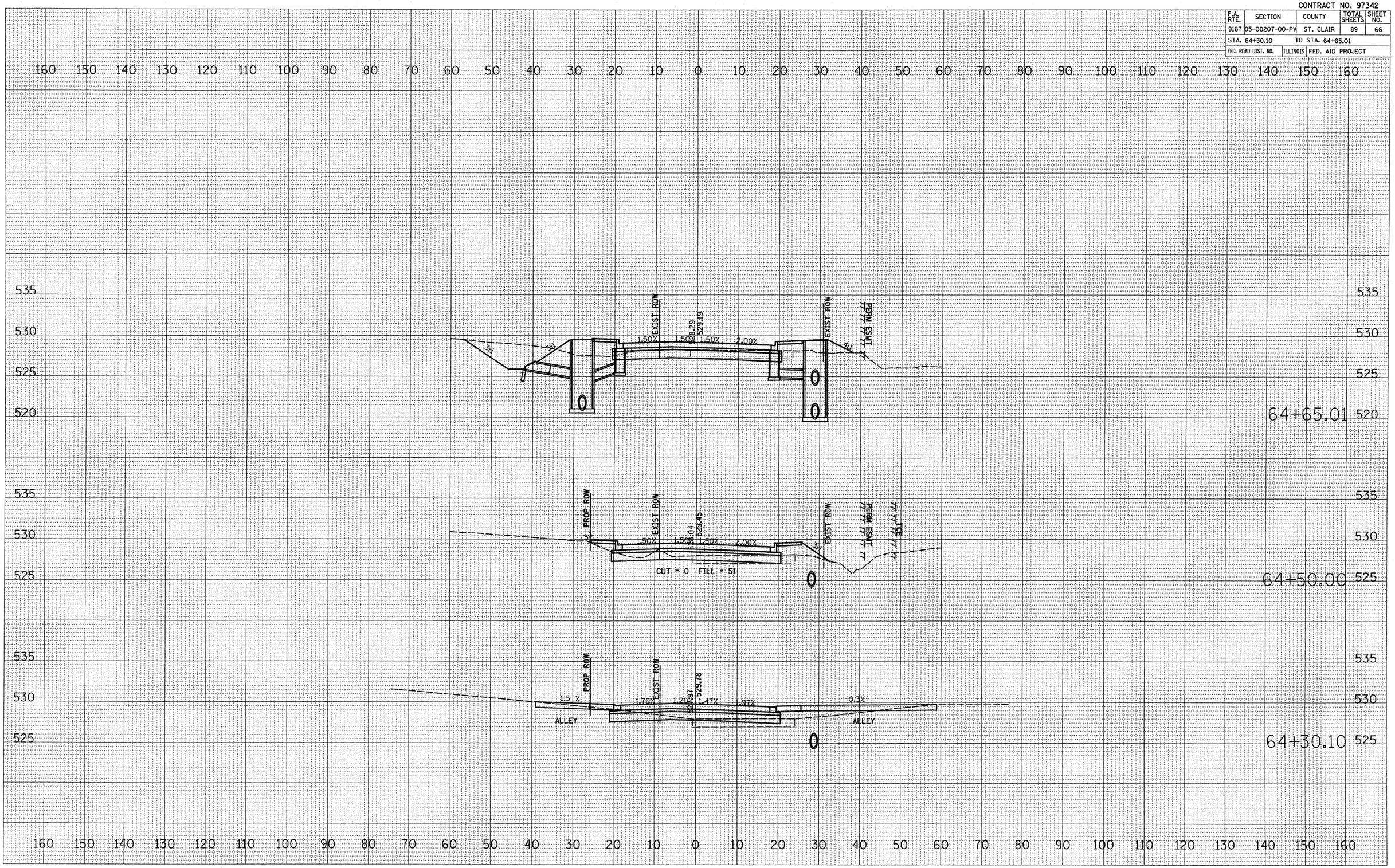
FINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	

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

PLOT DATE = 9/2/2009
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PLOT SCALE = 10.0000 ' / IN.
PLOT NO. = None
USER NAME = kuna

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	66
STA. 64+30.10		TO STA. 64+65.01		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



S 17TH STREET CROSS SECTIONS

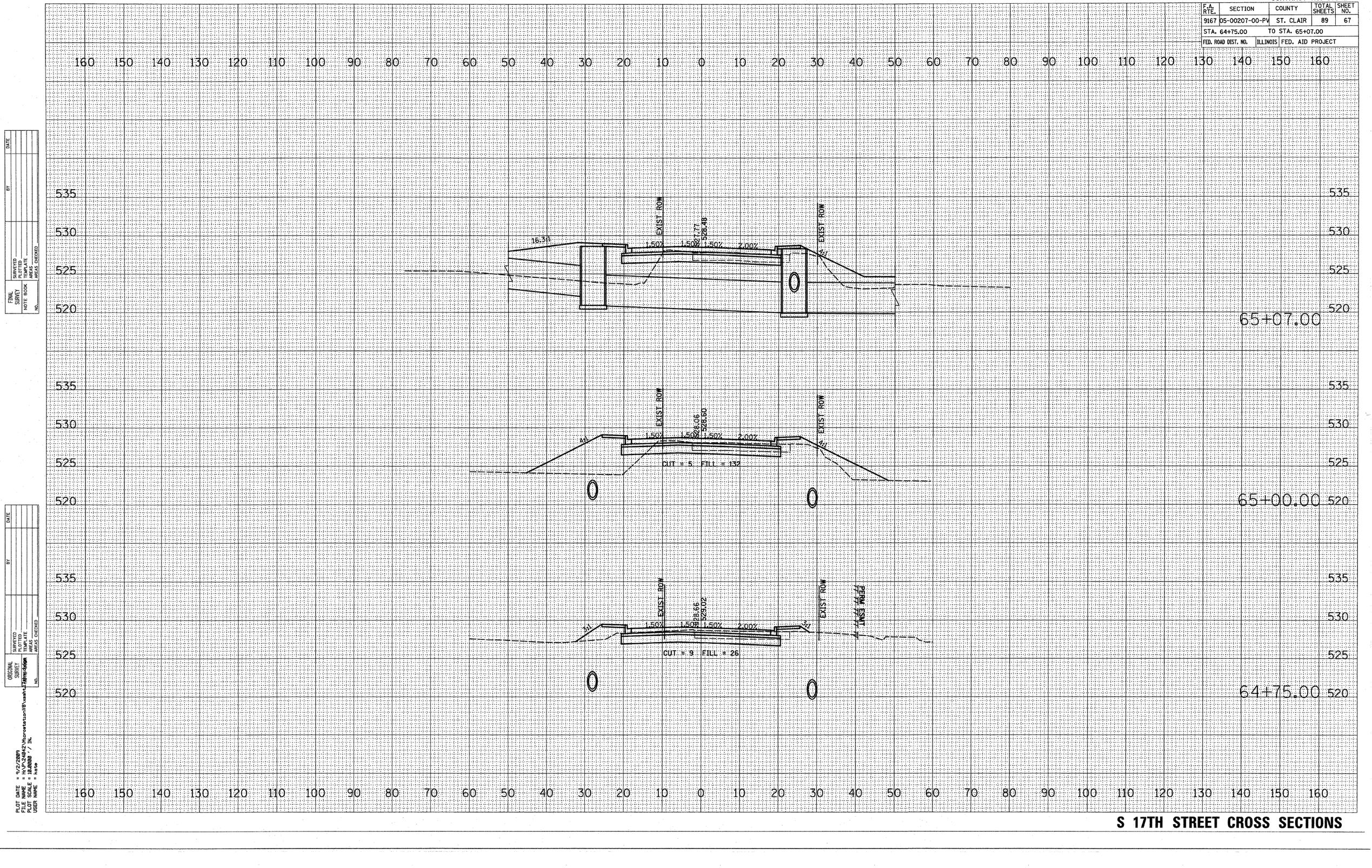
FINAL SURVEY — NOTE BOOK — NO.
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED
BY — DATE

ORIGINAL SURVEY — Kamsteeg
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED
BY — DATE

PLOT DATE = 9/2/2009
FILE NAME = H:\P-24942\Microstation\8\xsh17stcross.dgn
PLOT SCALE = 10.0000 ' / IN.
USER NAME = kate

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	67
STA. 64+75.00		TO STA. 65+07.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



S 17TH STREET CROSS SECTIONS

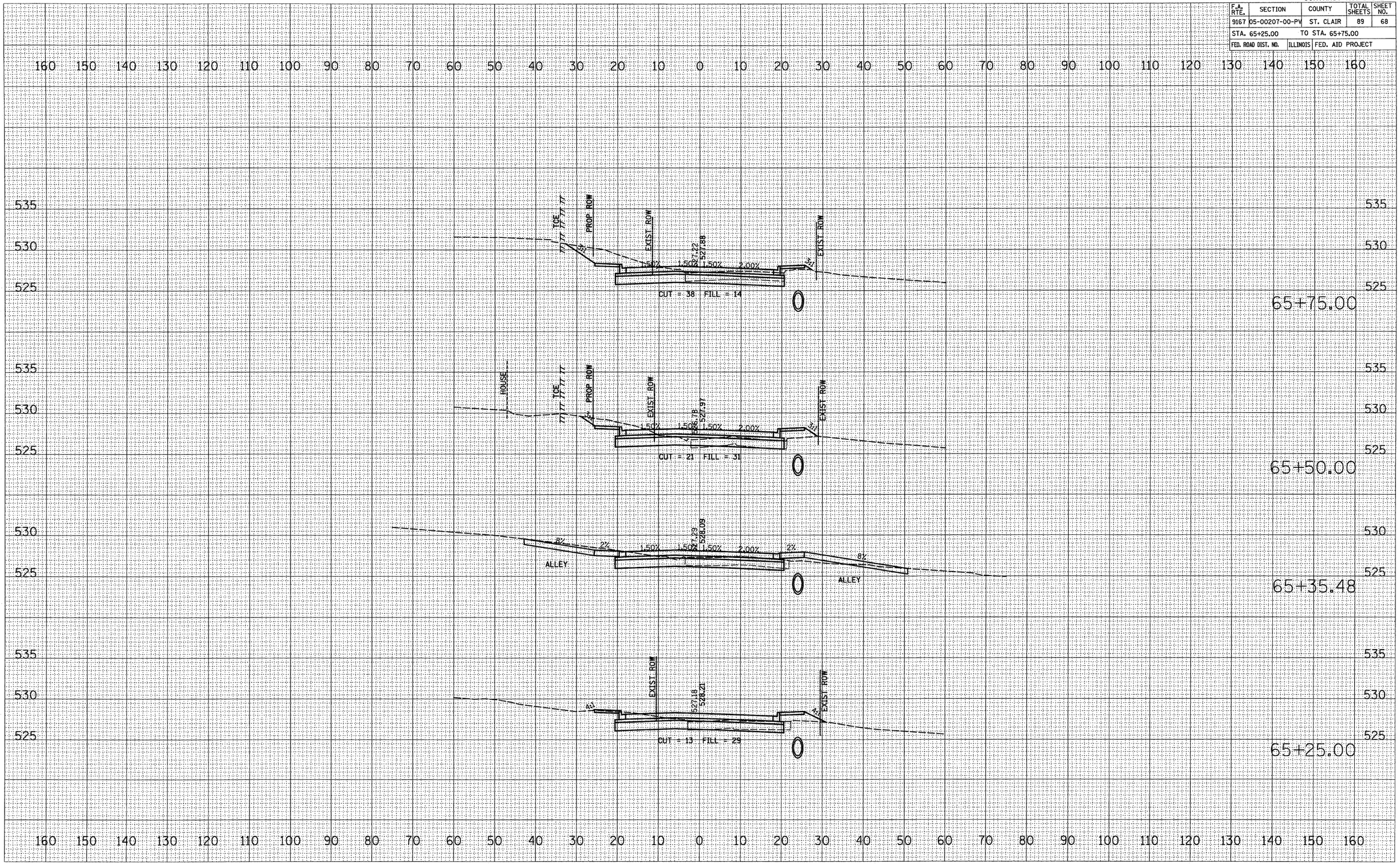
FINAL SURVEY	NOTE BOOK	NO.	BY	DATE
	SURVEYED			
	PLOTTED			
	ITEMS			
	AREAS			
	AREAS CHECKED			

ORIGINAL SURVEY				
	SURVEYED			
	PLOTTED			
	ITEMS			
	AREAS			
	AREAS CHECKED			

PLOT DATE = 9/2/2020
FILE NAME = H:\PW\24042\Microstation\V8\xsh\24042xsh17thst.dgn
PLOT SCALE = 10.0000 ' / IN.
USER NAME = kcto

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	68
STA. 65+25.00		TO STA. 65+75.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



S 17TH STREET CROSS SECTIONS

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

ORIGINAL SURVEY
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

PLOT DATE = 9/2/2009
FILE NAME = N:\PW\24842\Microstation\XS\sash17sxs.dgn
PLOT SCALE = 10.0000 ' / IN.
USER NAME = tcole

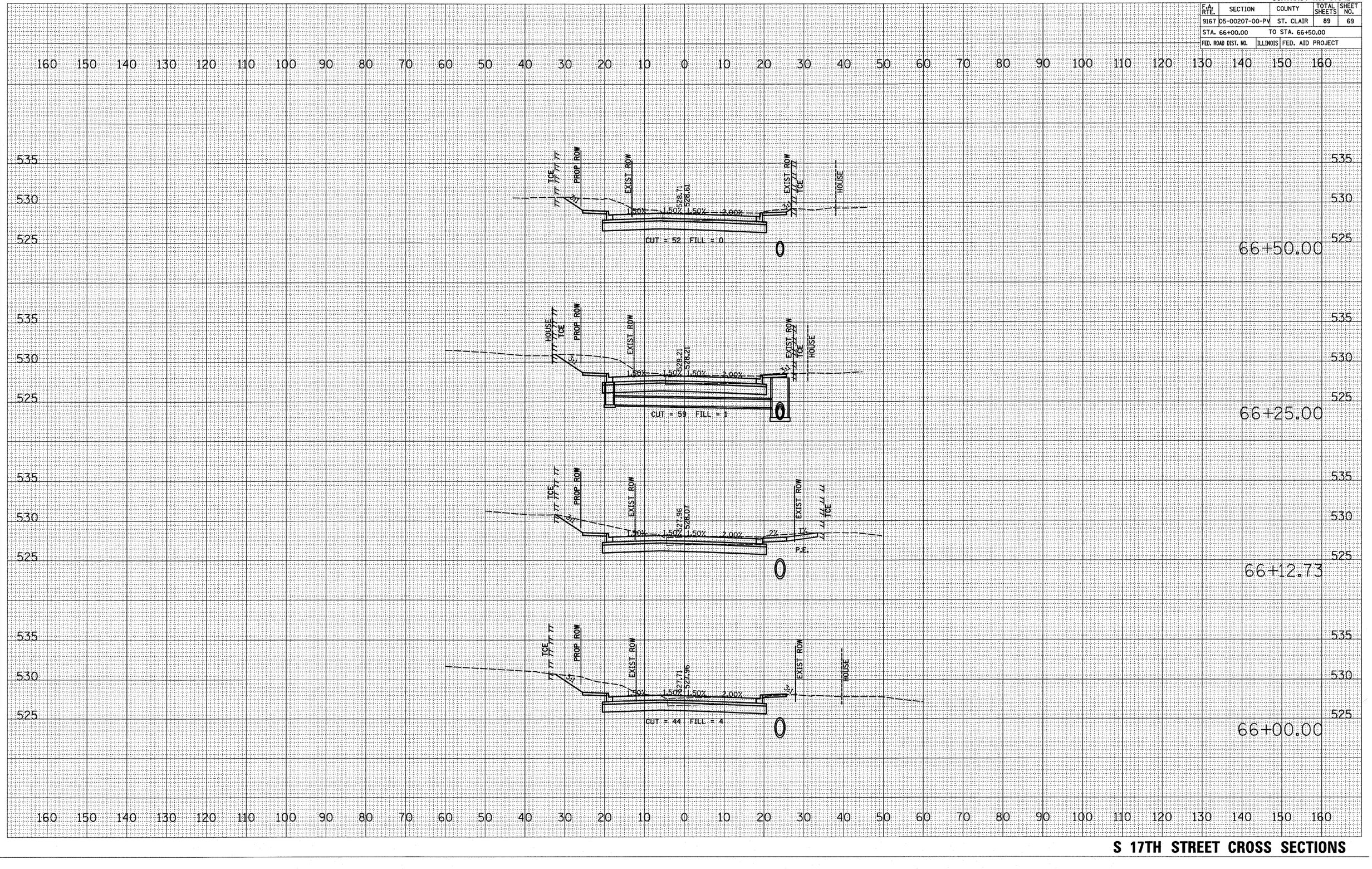
CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	69
STA. 66+00.00		TO STA. 66+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

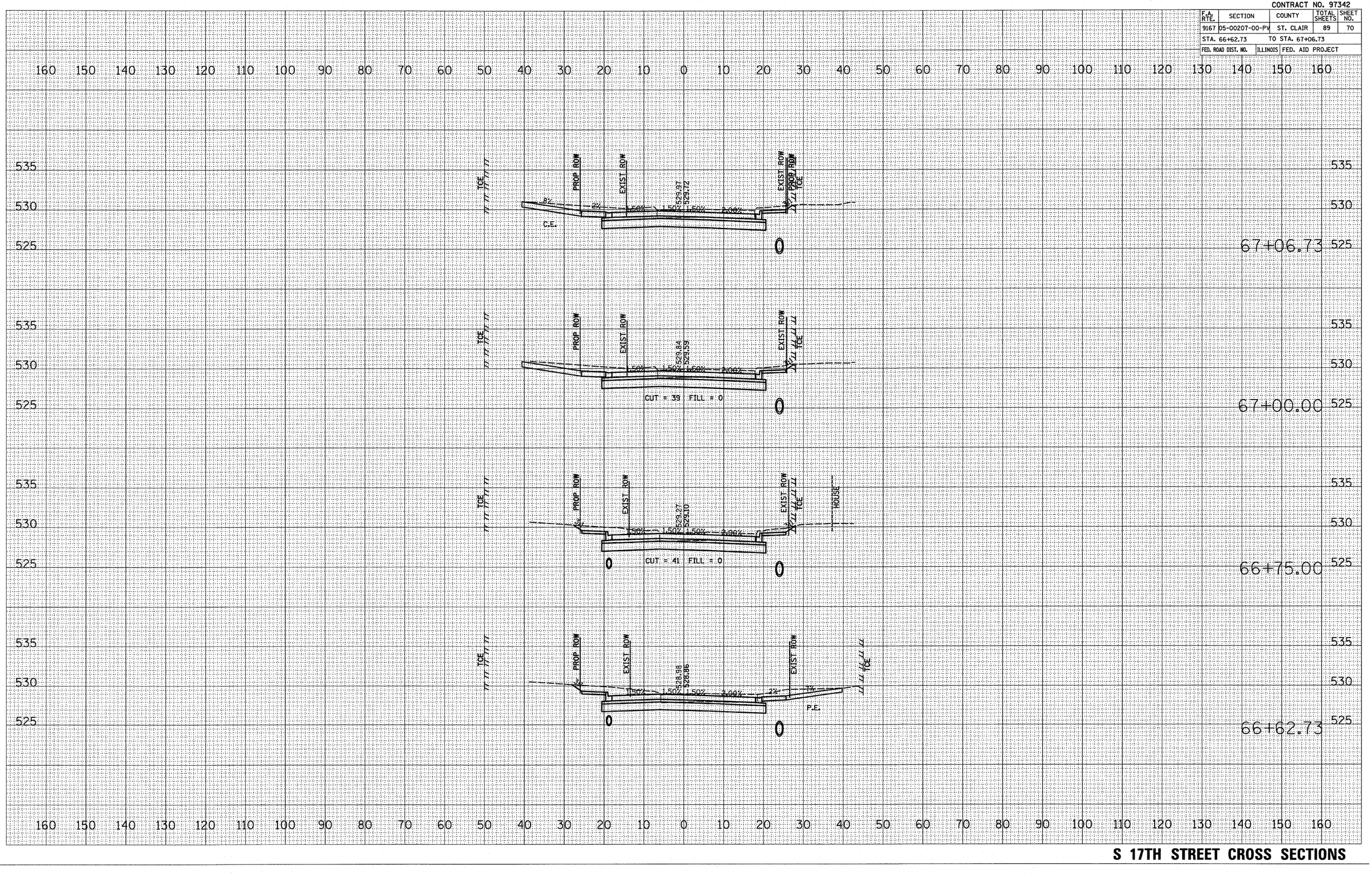
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PLOT SCALE = 10.0000 ' / IN.
USER NAME = kaw



S 17TH STREET CROSS SECTIONS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	70
STA. 66+62.73		TO STA. 67+06.73		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



S 17TH STREET CROSS SECTIONS

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

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

PLOT DATE = 9/2/2009
FILE NAME = N:\PV\24042\Microstation\V8\roshu1.dgn
PLOT SCALE = 10.0000 ' / IN.
PLOT STYLE = Note
USER NAME =

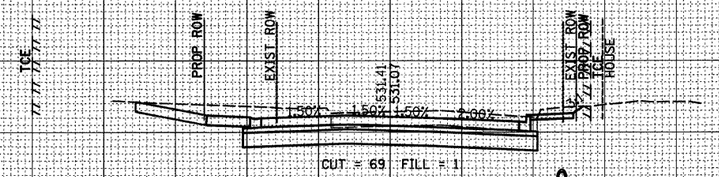
CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	71
STA. 67+25.00		TO STA. 67+75.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

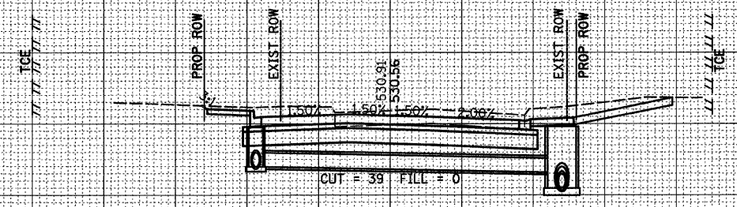
535
530

67+75.00



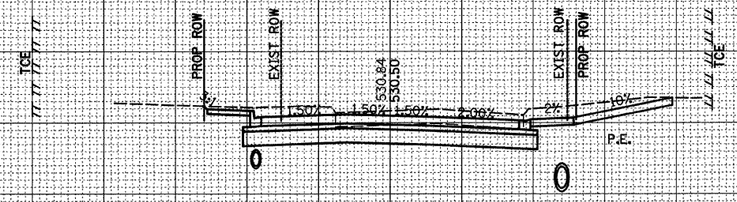
535
530
525

67+50.00



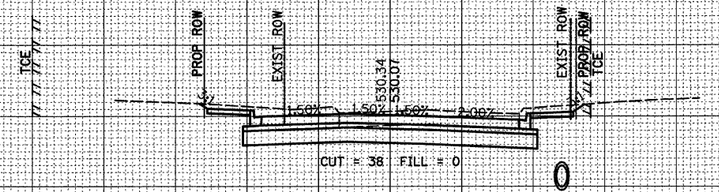
535
530

67+46.73



535
530
525

67+25.00



S 17TH STREET CROSS SECTIONS

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

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

PLOT DATE = 9/2/2009
FILE NAME = H:\P\2842\Microstation\S\sect.dgn
PLOT SCALE = 10.0000 ' / IN.
USER NAME = kase

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	72
STA. 67+80.73		TO STA. 68+41.73		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

PLOT DATE = 9/2/2009
FILE NAME = H:\PC24042\Microstation\05\xsshts\Xsections.dgn
PLOT SCALE = 10.0000 ' / IN.
PLOT STYLE = Note
USER NAME =

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

540
535
530

PROP ROW
EXIST ROW
532.89
532.66
1.50%
1.50%
1.50%
2.00%
2%
3%
EXIST ROW
TOE
C.E.
0
68+41.73

PROP ROW
EXIST ROW
532.49
532.25
1.50%
1.50%
1.50%
2.00%
EXIST ROW
TOE
CUT = 30 FILL = 0
0
68+25.00

TOE
PROP ROW
EXIST ROW
531.91
531.64
1.50%
1.50%
1.50%
2.00%
EXIST ROW
PROP ROW
TOE
CUT = 36 FILL = 3
0
68+00.00

TOE
PROP ROW
EXIST ROW
531.52
531.20
10%
2%
1.50%
1.50%
1.50%
2.00%
EXIST ROW
PROP ROW
TOE
C.E.
0
67+80.73

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

S 17TH STREET CROSS SECTIONS

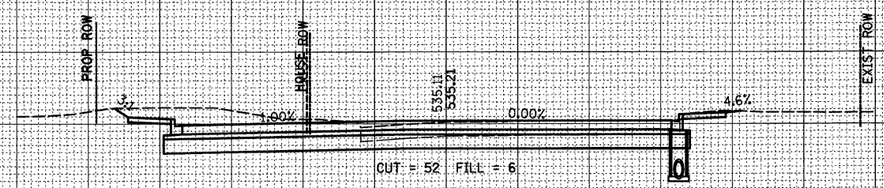
CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	73
STA. 68+50.00		TO STA. 69+25.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

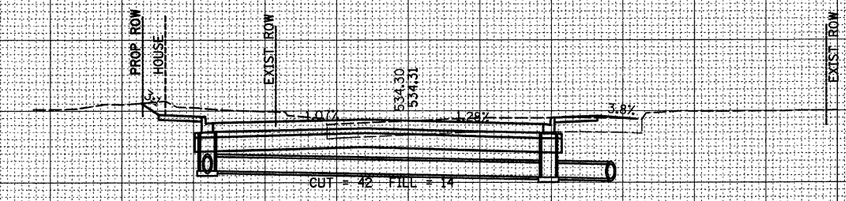
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540 535 530

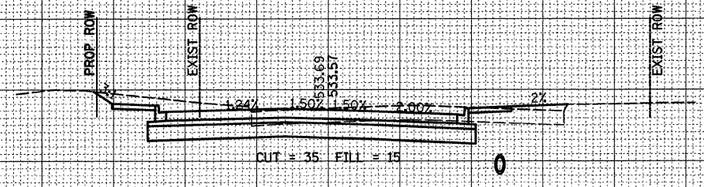
69+25.00



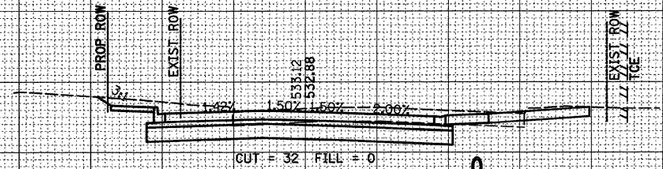
69+00.00



68+75.00



68+50.00



S 17TH STREET CROSS SECTIONS

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

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

PLOT DATE = 9/2/2009
FILE NAME = H:\P\24042\MicrostationV8\cadd\17thSection
PLOT SCALE = 10.0000 ' / IN.
PLOT STYLE =
USER NAME = kate

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	74
STA. 69+50.00		TO STA. 69+75.99		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

PLOT DATE = 9/2/2009
FILE NAME = H:\P\24842\Microstation\B\xsh17thmain.dgn
PLOT SCALE = 10.0000 ' / IN.
USER NAME = kate

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

WEST MAIN STREET

535

69+75.99 535

WEST MAIN STREET

535

69+75.00 535

535.87
535.88

535

535

CUT = 52 FILL = 0

69+50.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

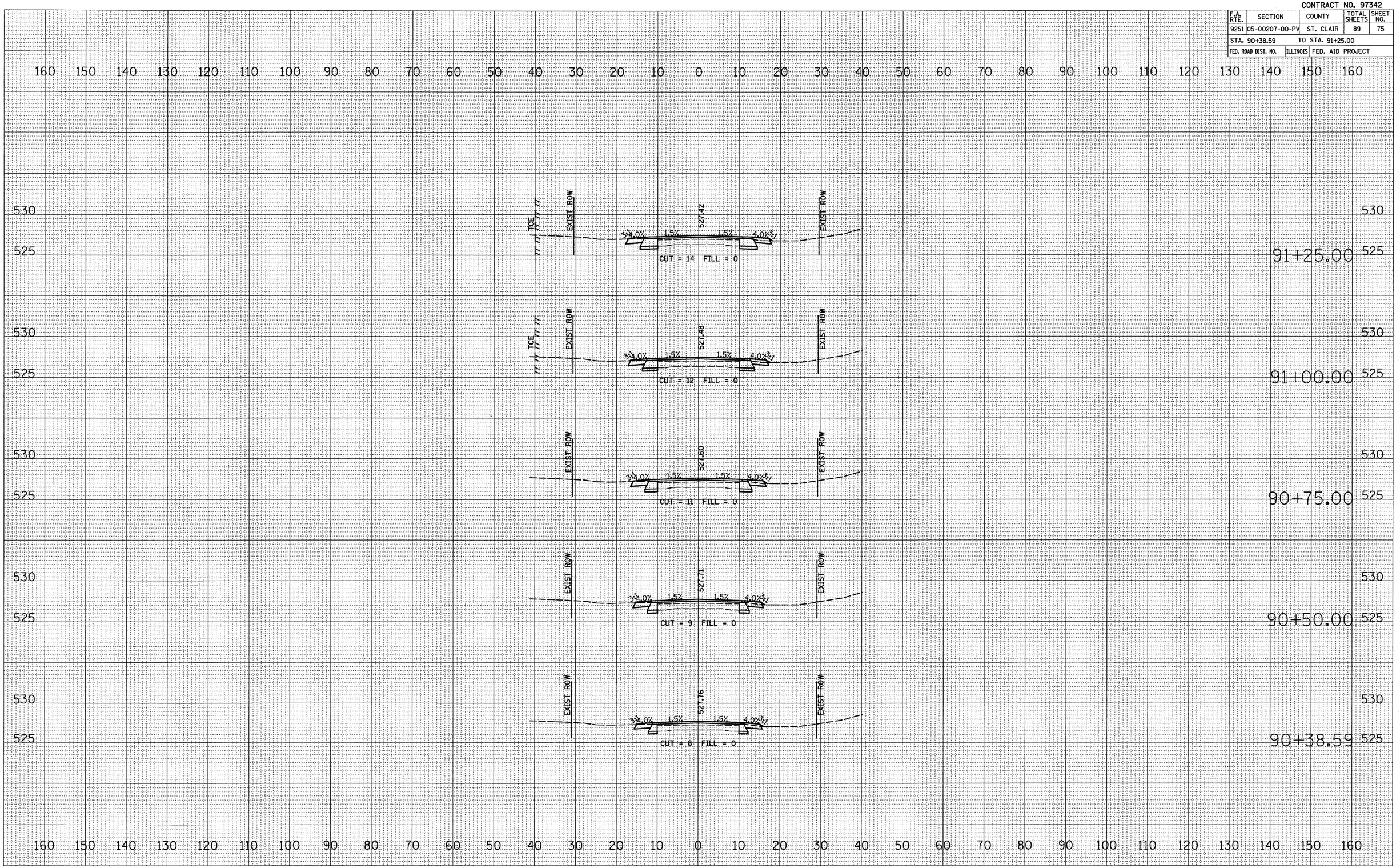
S 17TH STREET CROSS SECTIONS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	05-00207-00-PV	ST. CLAIR	89	75
STA. 90+38.59		TO STA. 91+25.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

ORIGINAL SURVEY	BY	DATE
	SURVEYED	
	DRAWN	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	



PLOT DATE = 9/2/2009
FILE NAME = N:\PW\24042\Microstation\V8\xsh1.dgn
PLOT SCALE = 10.0000 ' / IN.
PLOT NAME = Hare
USER NAME = Hare

IL ROUTE 13 CROSS SECTIONS

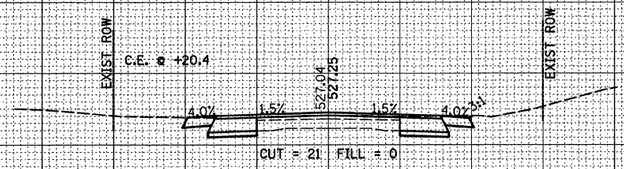
CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	05-00207-00-PV	ST. CLAIR	89	76
STA. 91+50.00		TO STA. 92+25.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

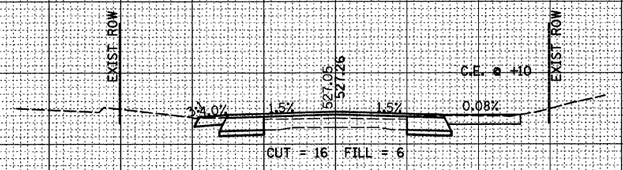
160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

530
525

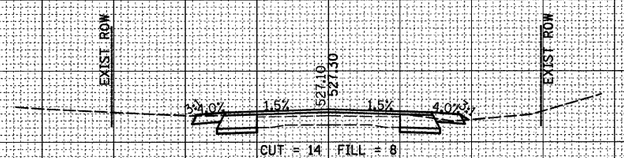
92+25.00



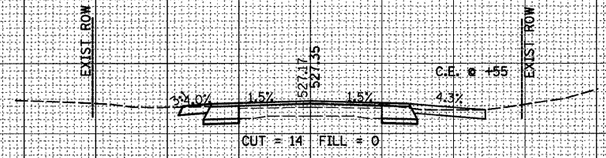
92+00.00



91+75.00



91+50.00



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

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

PLOT DATE = 9/2/2009
FILE NAME = H:\P-28042\Microstation\8\xsh13.dgn
PLOT SCALE = 10.0000 ' / IN.
USER NAME = kate

IL ROUTE 13 CROSS SECTIONS

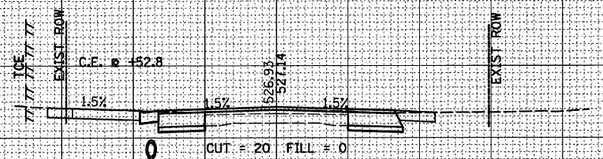
CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	05-00207-00-PV	ST. CLAIR	89	77
STA. 92+50.00		TO STA. 93+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

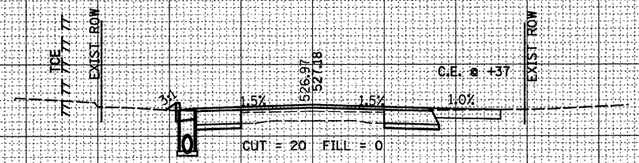
160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

530
525

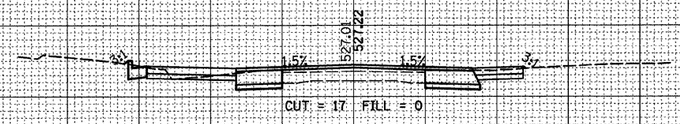
93+50.00



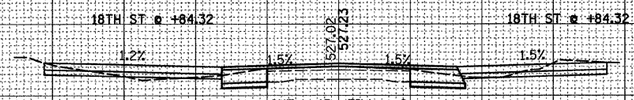
93+25.00



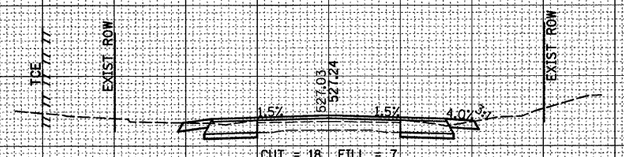
93+00.00



92+75.00



92+50.00



BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	

FINAL SURVEY — NOTE BOOK — NO.

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	

ORIGINAL SURVEY — NOTE BOOK — NO.

PLOT DATE = 9/2/2009
FILE NAME = H:\P\24842\Microstation\V8\xsh.dgn
PLOT SCALE = 10.0000 ' / IN.
USER NAME = kate

IL ROUTE 13 CROSS SECTIONS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	05-00207-00-PV	ST. CLAIR	89	78
STA. 93+77.00		TO STA. 94+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

530
525

ALLEY @ +52.41
0.3%
1.5%
526.75
526.96
1.5%
4.0%
0
CUT = 20 FILL = 0

94+50.00

530
525

TOE
EXIST ROW
0.6%
1.5%
526.79
527.00
1.5%
4.0%
EXIST ROW
0
CUT = 21 FILL = 4

94+25.00

530
525

TOE
EXIST ROW
C.L. @ +00.8
0.1%
1.5%
526.81
527.02
1.5%
4.0%
EXIST ROW
0
CUT = 20 FILL = 0

94+00.00

530
525

TOE
EXIST ROW
5.1%
1.5%
526.87
527.08
1.5%
4.0%
EXIST ROW
0
CUT = 20 FILL = 7

93+77.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

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

BY	DATE

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

BY	DATE

PLOT DATE = 9/2/2009
FILE NAME = H:\P\24842\Microstation\8\cash-11cm03.dgn
PLOT SCALE = 10.0000 ' / IN.
USER NAME = kase

IL ROUTE 13 CROSS SECTIONS

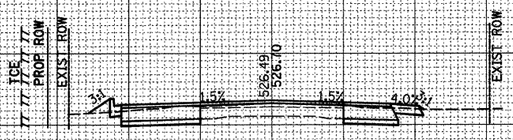
CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	05-00207-00-PV	ST. CLAIR	89	79
STA. 94+75.00		TO STA. 95+34.59		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

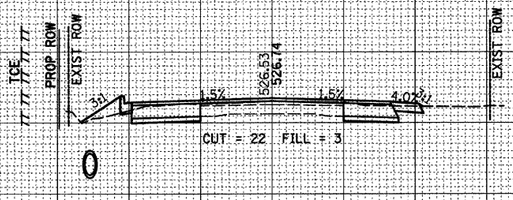
530
525

95+34.59



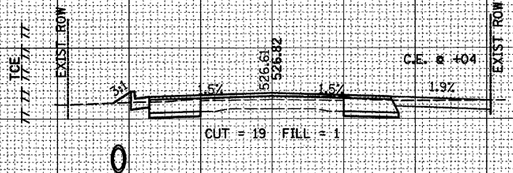
530
525

95+25.00



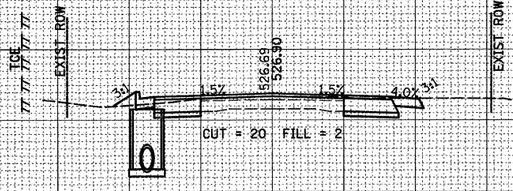
530
525

95+00.00



530
525

94+75.00



160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

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

BY	DATE

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

BY	DATE

PLOT DATE = 9/2/2009
FILE NAME = H:\P\24842\Microstation\8\vash-Layout3.dgn
PLOT SCALE = 10.0000 ' / IN.
USER NAME = kate

IL ROUTE 13 CROSS SECTIONS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	05-00207-00-PV	ST. CLAIR	89	80
STA. 95+50.00		TO STA. 96+25.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

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

PLOT DATE = 9/2/2009
FILE NAME = N:\PV\24042\Microstation\B\xsshts\xsshts.dgn
PLOT SCALE = 10.0000 ' / IN.
PLOT NAME = Kate
USER NAME =

530
525

S 17TH STREET
526.65
526.86
0

96+25.00

530
525

EXIST ROW
S 17TH STREET
526.54
526.75
EXIST ROW
0

96+00.00

530
525

TCE
PROP ROW
EXIST ROW
526.48
526.69
1.5%
1.5%
4.0%
EXIST ROW
TCE
CUT = 48 FILL = 1
0

95+72.06

530
525

TCE
PROP ROW
EXIST ROW
526.48
526.69
1.5%
1.5%
4.0%
EXIST ROW
CUT = 27 FILL = 3
0

95+50.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

IL ROUTE 13 CROSS SECTIONS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	05-00207-00-PV	ST. CLAIR	89	81
STA. 96+50.00		TO STA. 97+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

PLOT DATE = 9/2/2009
FILE NAME = H:\PV\24942\Microstation\95\cash\Sheets\
PLOT SCALE = 10.0000 ' / IN.
USER NAME = Rose

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

535
530
525

EXIST ROW
PROP ROW
4:1
1.5%
527.10
527.31
CUT = 27 FILL = 7
0
97+00.00

EXIST ROW
PROP ROW
P.I. ℄ +79
4:1
1.5%
526.99
527.20
6.1%
CUT = 36 FILL = 0
0
96+85.21

PROP ROW
EXIST ROW
2:1
1.5%
526.88
527.09
CUT = 116 FILL = 1
0
96+69.69

S 17TH STREET
526.76
526.97
0
96+50.00

TCE

IL ROUTE 13 CROSS SECTIONS

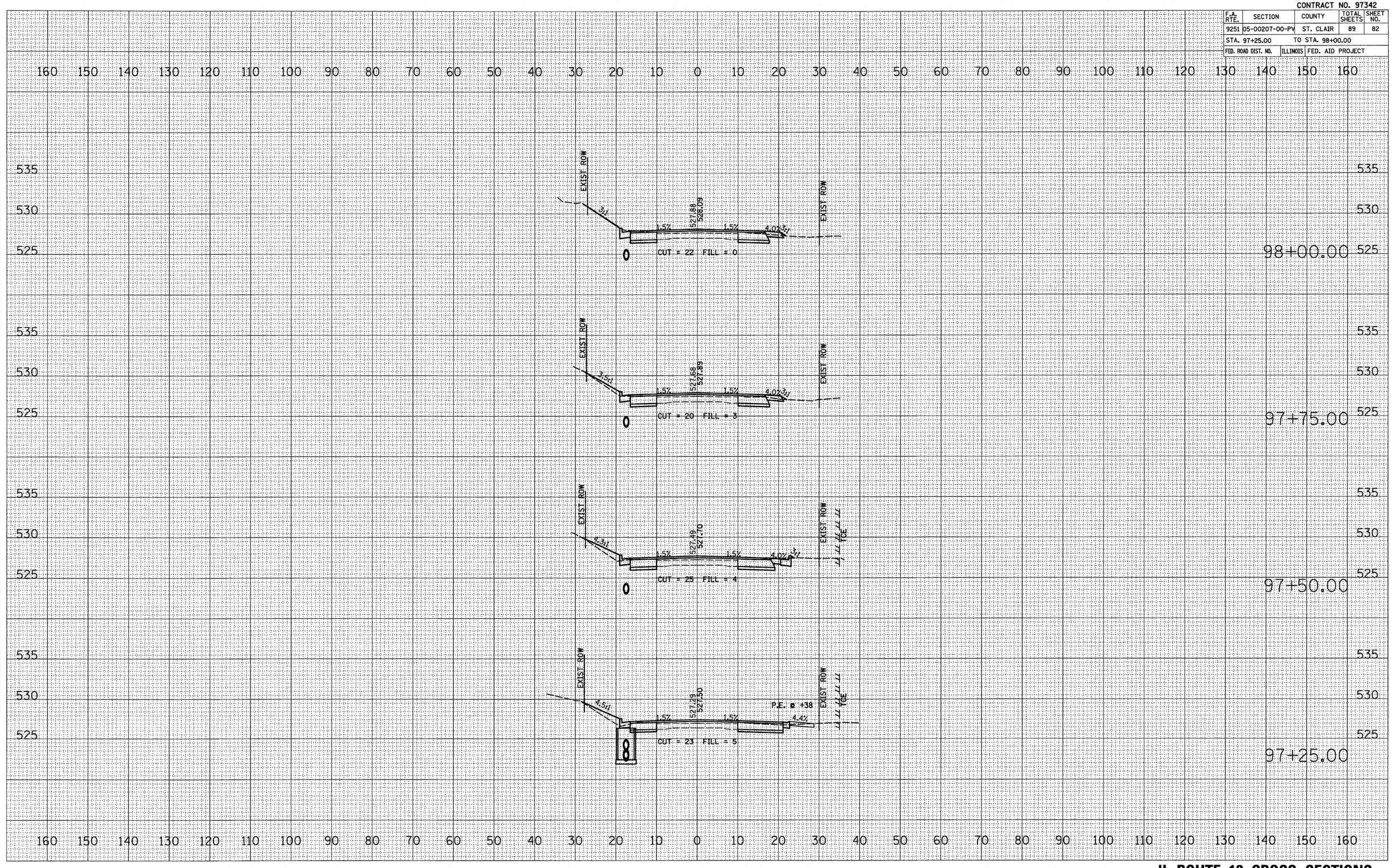
CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	05-00207-00-PV	ST. CLAIR	89	82
STA. 97+25.00		TO STA. 98+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

PLOT DATE = 9/2/2009
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USER NAME = kdw



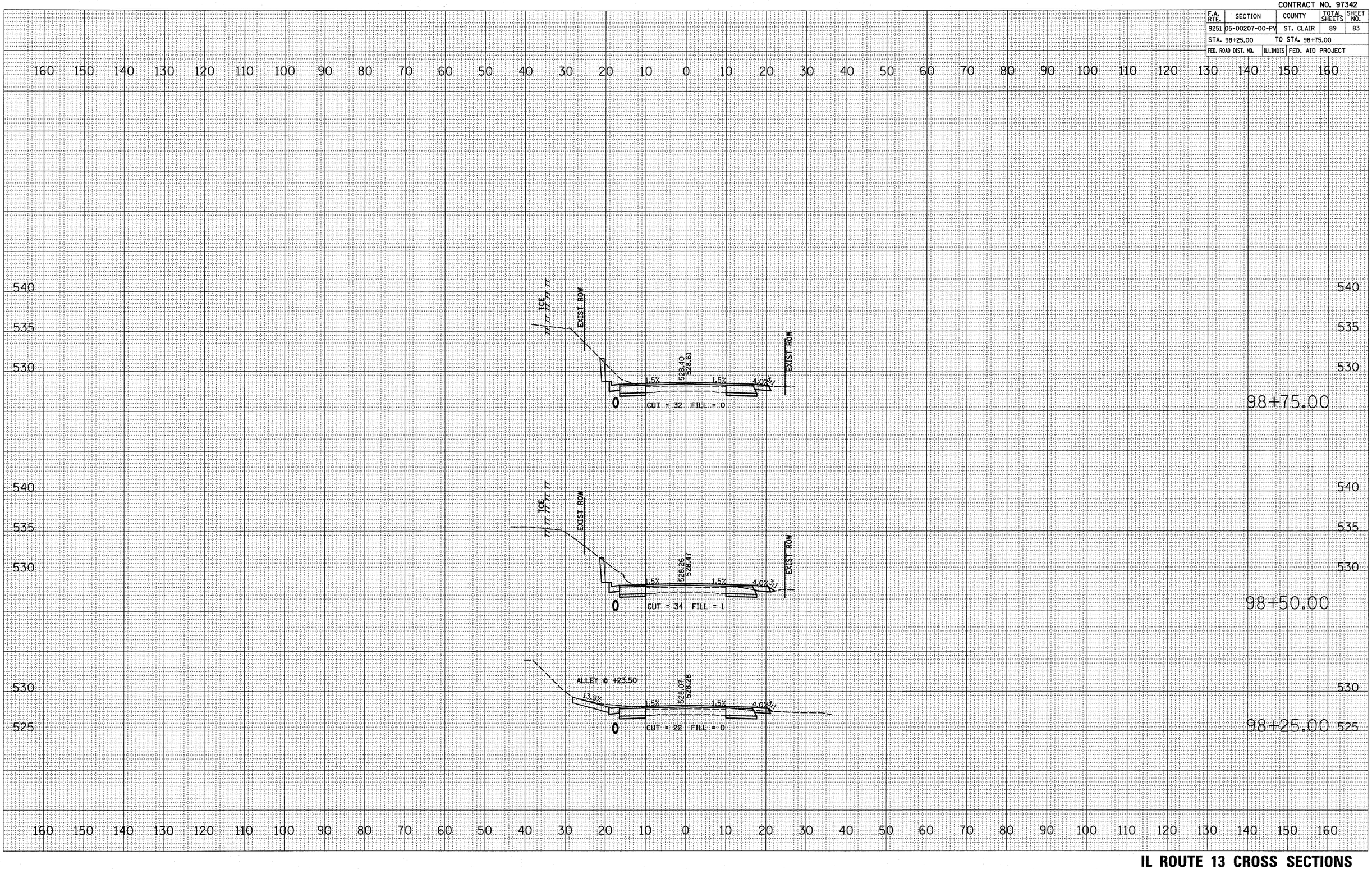
IL ROUTE 13 CROSS SECTIONS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	05-00207-00-PV	ST. CLAIR	89	83
STA. 98+25.00		TO STA. 98+75.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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

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



PLOT DATE = 9/2/2009
FILE NAME = H:\PV\24942\Microstation\V8\xsh\ILRT13.dgn
PLOT SCALE = 10.0000 ' / IN.
USER NAME = Hoda

IL ROUTE 13 CROSS SECTIONS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	05-00207-00-PV	ST. CLAIR	89	84
STA. 99+00.00		TO STA. 99+75.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

ORIGINAL SURVEY	BY	DATE
	SURVEYED	
	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	

PLOT DATE = 1/2/2009
FILE NAME = N:\PX24842\Microstation\IB\sash13cs01.dgn
PLOT SCALE = 10.0000 ' / IN.
PLOT NAME = kaye
USER NAME = kaye

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

530
540
535
530

99+75.00

529.01
529.22
1.5%
1.5%
4.0%
CUT = 33 FILL = 0

TOE
EXIST ROW
528.87
529.08
1.5%
1.5%
4.0%
EXIST ROW
CUT = 31 FILL = 0

99+50.00

540
535
530

TOE
EXIST ROW
528.72
528.93
1.5%
1.5%
4.0%
EXIST ROW
CUT = 36 FILL = 0

99+25.00

540
535
530

TOE
EXIST ROW
528.56
528.77
1.5%
1.5%
4.0%
EXIST ROW
CUT = 34 FILL = 0

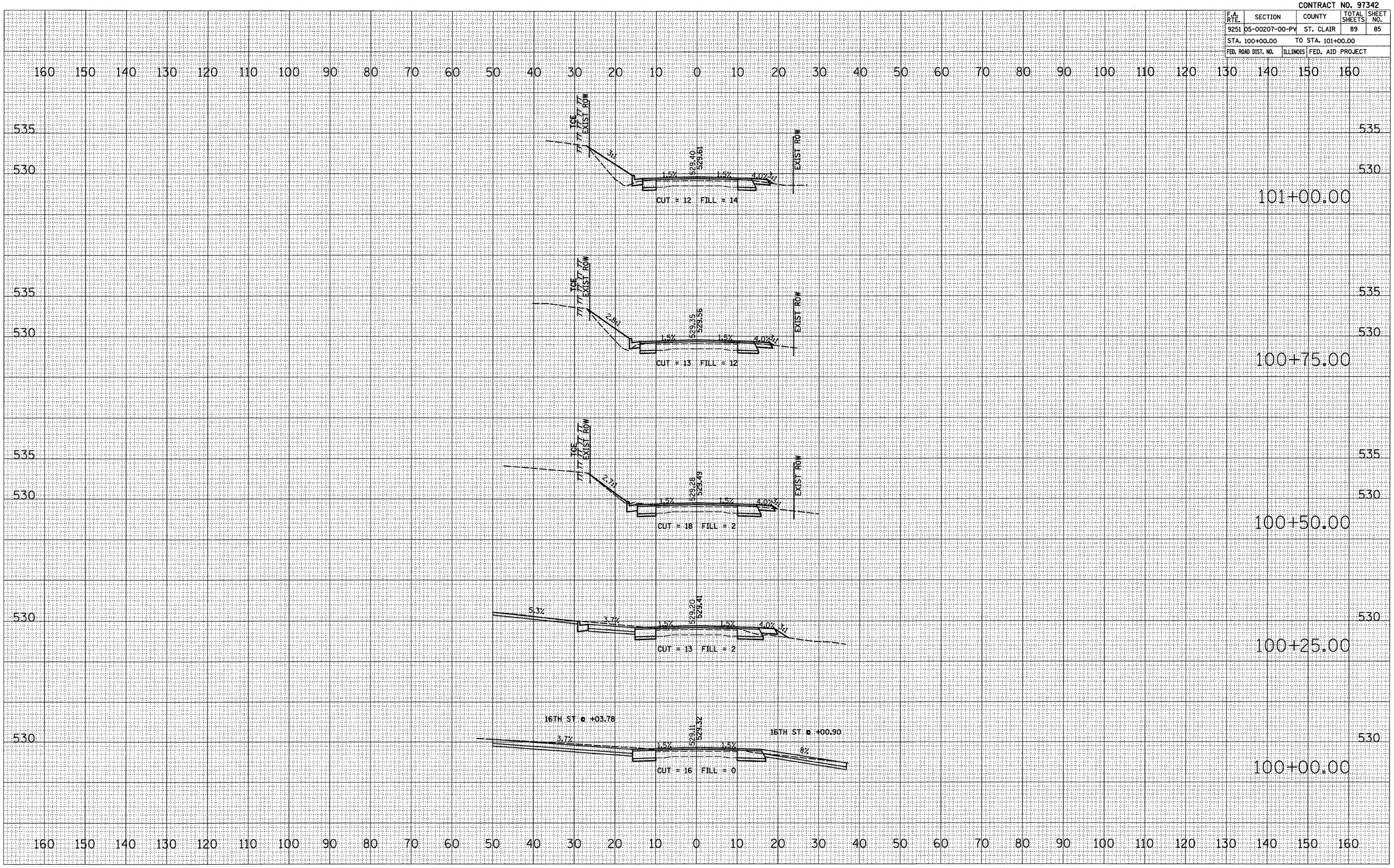
99+00.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

IL ROUTE 13 CROSS SECTIONS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	05-00207-00-PV	ST. CLAIR	89	85
STA. 100+00.00		TO STA. 101+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

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

PLOT DATE = 9/2/2009
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PLOT SCALE = 10.0000 ' / IN.
USER NAME = kaw

IL ROUTE 13 CROSS SECTIONS

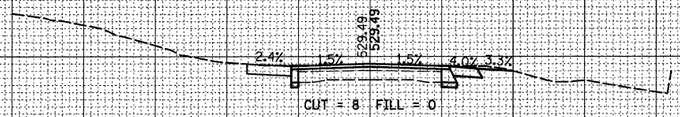
CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9251	05-00207-00-PV	ST. CLAIR	89	86
STA. 101+25.00		TO STA. 101+92.14		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

530

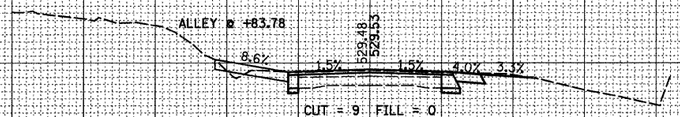
101+92.14



CUT = 8 FILL = 0

530

101+75.00

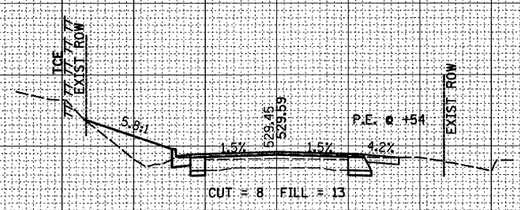


CUT = 9 FILL = 0

535

530

101+50.00

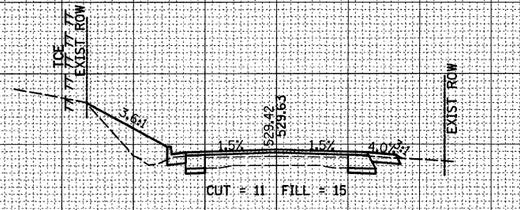


CUT = 8 FILL = 13

535

530

101+25.00



CUT = 11 FILL = 15

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

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

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

PLOT DATE = 9/2/2009
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PLOT SCALE = 10.0000 ' / IN.
USER NAME = kcox

IL ROUTE 13 CROSS SECTIONS

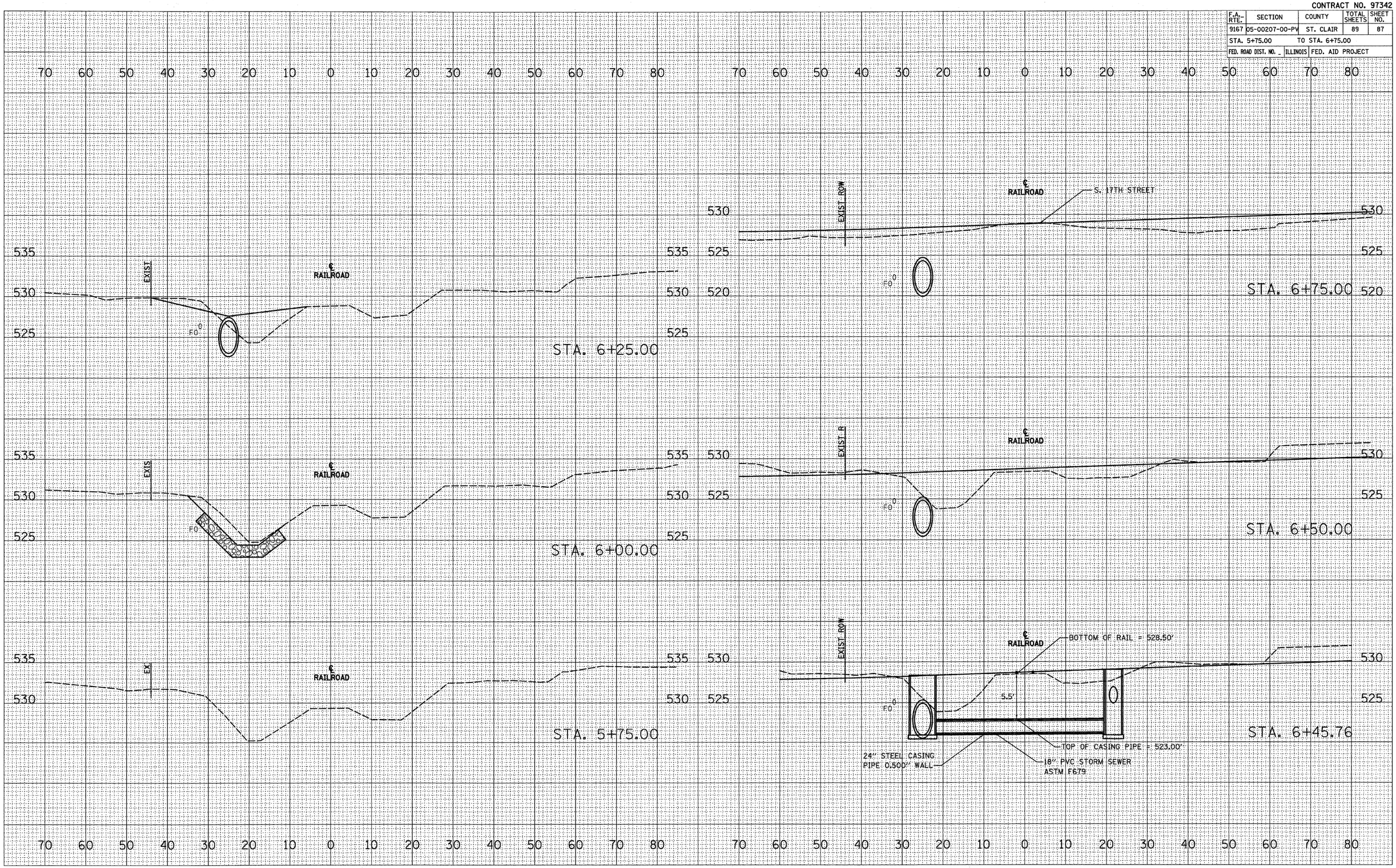
CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	87
STA. 5+75.00		TO STA. 6+75.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

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

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

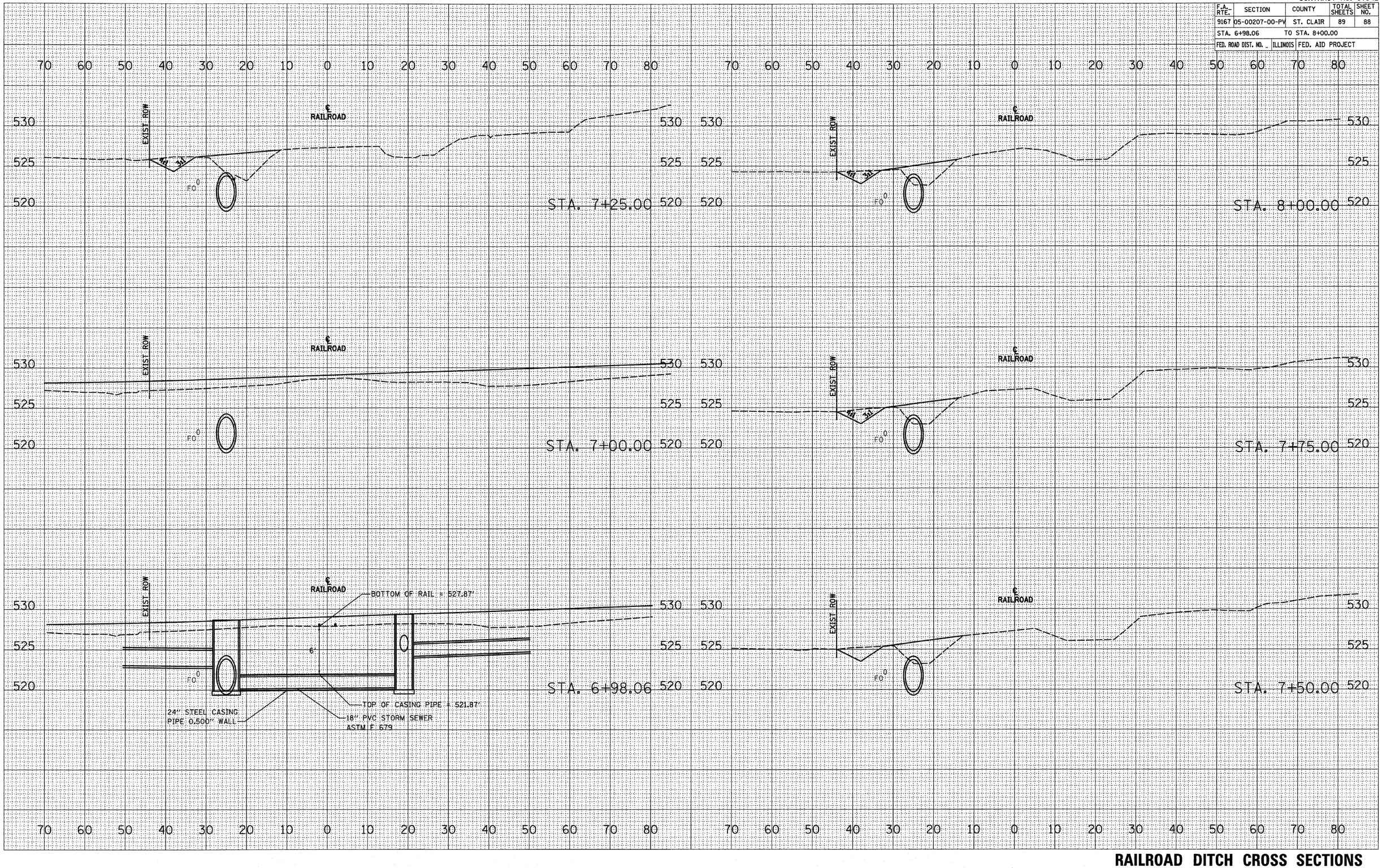
PLOT DATE = 9/2/2009
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PLOT SCALE = 10.0000 ' / IN.
REFERENCE = $MSFD$



RAILROAD DITCH CROSS SECTIONS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	88
STA. 6+98.06		TO STA. 8+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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

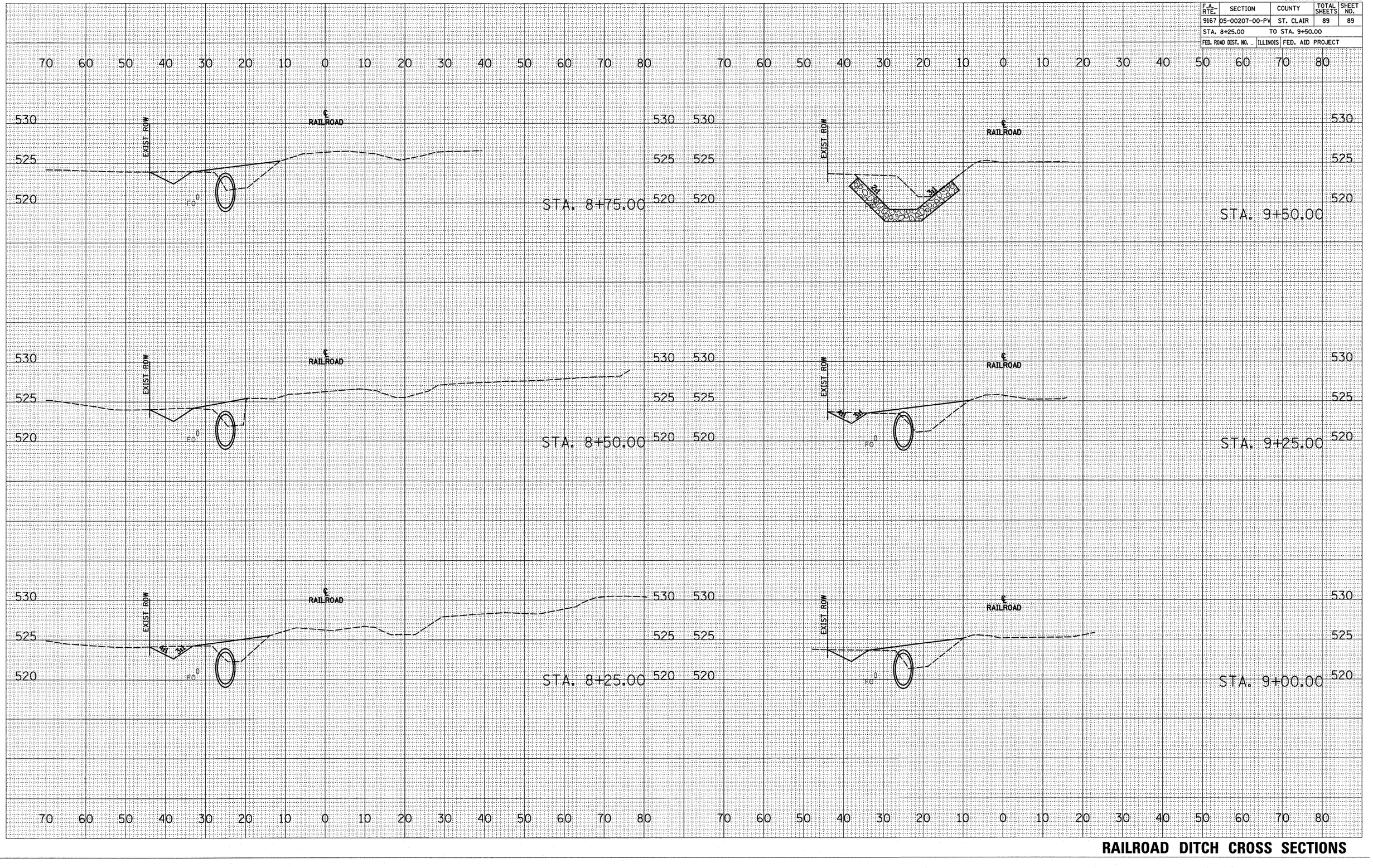
ORIGINAL SURVEY — Rittenhouse
SURVEYED — BY — DATE
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

PLOT DATE = 9/2/2009
FILE NAME = H:\P\24042\Microstation\PB\sashcrs.dgn
PLOT SCALE = 10.2000 ' / IN.
REFERENCE = 44854

RAILROAD DITCH CROSS SECTIONS

CONTRACT NO. 97342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9167	05-00207-00-PV	ST. CLAIR	89	89
STA. 8+25.00		TO STA. 9+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



RAILROAD DITCH CROSS SECTIONS

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

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

PLOT DATE = 9/2/2009
FILE NAME = H:\PW\24842\MicrostationV8\ssh-PROFILE.dgn
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REFERENCE = $MSFP$