

**PLANS FOR PROPOSED  
CITY OF COLLINSVILLE  
COLLINSVILLE DOWNTOWN  
(MAIN, AURORA, CLAY, & CHESTNUT ST.)  
STREETSCAPE PHASE IV  
SECTION 13-00081-04-LS  
MADISON COUNTY  
PROJECT NO. TE-00D8(188)  
JOB NO. C-98-321-13**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	1
FEDERAL AID PROJECT NO. ILLINOIS		CONTRACT NO. 97503		

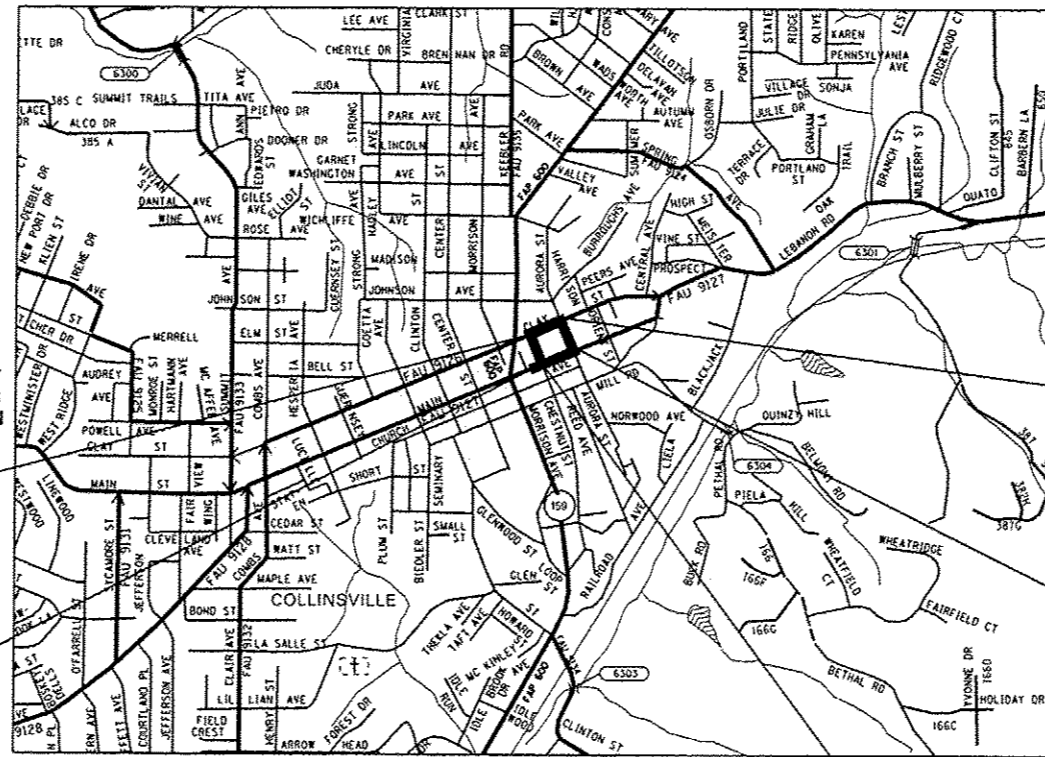
SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES, HIGHWAY STANDARDS, UTILITIES, & COMMITMENTS
3-5	SUMMARY OF QUANTITIES
6-7	EXISTING TYPICAL SECTIONS
8-9	PROPOSED TYPICAL SECTIONS
10-12	SCHEDULES
13-17	PLAN & PROFILE SHEETS
18	DRAINAGE PLAN SHEET
19-21	REMOVAL PLAN SHEETS
22-27	INTERSECTION DETAILS
28-30	PAVEMENT MARKING AND SIGNING SHEETS
31-35	ELECTRICAL SHEETS
36-44	CONSTRUCTION DETAILS
45-56	CROSS SECTIONS



**DESIGN DESIGNATION - CHESTNUT & AURORA**  
ROADWAY CLASSIFICATION = LOCAL STREET  
DESIGN SPEED = 30 MPH  
CURRENT ADT (2014) = N/A  
DESIGN YEAR ADT (2034) = N/A

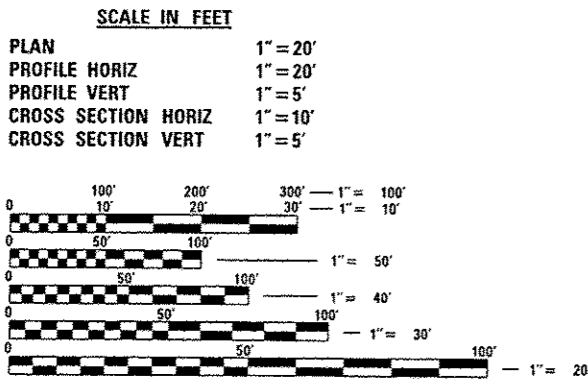
**DESIGN DESIGNATION - E CLAY**  
ROADWAY CLASSIFICATION = MINOR ARTERIAL  
DESIGN SPEED = 30 MPH  
CURRENT ADT (2014) = 1,550  
DESIGN YEAR ADT (2034) = 1,900

**DESIGN DESIGNATION - E MAIN**  
ROADWAY CLASSIFICATION = MINOR ARTERIAL  
DESIGN SPEED = 30 MPH  
CURRENT ADT (2014) = 1,950  
DESIGN YEAR ADT (2034) = 2,300



BEGIN E CLAY  
STA. 299 + 60  
END CHESTNUT  
STA. 404 + 00  
BEGIN E MAIN  
STA. 97 + 90

END E CLAY  
STA. 304 + 45  
END AURORA  
STA. 204 + 00  
END E MAIN  
STA. 104 + 40  
BEGIN AURORA  
STA. 200 + 00  
BEGIN CHESTNUT  
STA. 400 + 00



R & W  
**LOCATION MAP**  
SCALE: 1" = 1,000'

LENGTH OF EAST MAIN STREET IMPROVEMENTS	= 650.0'	= (0.123 MILES)
LENGTH OF AURORA STREET IMPROVEMENTS	= 400.0'	= (0.076 MILES)
LENGTH OF EAST CLAY STREET IMPROVEMENTS	= 485.0'	= (0.092 MILES)
LENGTH OF CHESTNUT STREET IMPROVEMENTS	= 400.0'	= (0.076 MILES)
TOTAL LENGTH OF IMPROVEMENTS	= 1,935.0'	= (0.367 MILES)

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

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

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

APPROVED: DATE: 5-19-2015  
JOHN MILLER MAYOR OF COLLINSVILLE

PASSED: DATE: 5-29-15  
DISTRICT & PROJECT IMPLEMENTATION ENGINEER

RELEASING FOR BID BASED ON LIMITED REVIEW: DATE: 5-29-15  
DEPUTY DIRECTOR OF HIGHWAYS REGION FIVE ENGINEER

PHILIP A. MURPHY  
062-054536  
REGISTERED PROFESSIONAL ENGINEER  
5/19/15  
PHILIP A. MURPHY  
IL P.E. NO. 062-054536  
EXPIRES: 11/30/2019

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

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

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

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

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

**GENERAL NOTES**

**UTILITIES**

- ABOVE-GROUND UTILITY FACILITIES OR APPURTENANCES SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS TO PROVIDE A MINIMUM HORIZONTAL CLEARANCE OF 1.5 FEET, MEASURED FROM THE FACE OF CURB TO THE NEAR EDGE OF THE OBJECT.
- THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. REFER TO THE "STATUS OF UTILITIES TO BE ADJUSTED" SPECIAL PROVISION FOR ADDITIONAL INFORMATION.

AMEREN IP (GAS & ELECTRIC) 2600 NORTH CENTER MARYVILLE, IL 62062 (618) 346-1287  
 CHARTER COMMUNICATIONS (CABLE TV) 210 WEST DIVISION STREET MARYVILLE, IL 62062 (618) 345-8121

ATT (TELEPHONE) 203 GOETHE STREET COLLINSVILLE, IL 62234 (618) 346-6400  
 CITY OF COLLINSVILLE (WATER & SANITARY SEWER) 125 SOUTH CENTER STREET COLLINSVILLE, IL 62234 (618) 346-5200

WINDSTREAM (TELEPHONE) 102 E SCHAFER STREET FORSYTH, IL 62535 (217) 254-0252  
 ATT (LONG DISTANCE) (TELEPHONE) 866 ROCK CREEK ROAD PLANO, IL 60545 (630) 552-9785

**GENERAL**

- THE CONTRACTOR SHALL CORE HOLES IN PROPOSED SIDEWALK FOR PLACEMENT OF SIGN POSTS, AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR PORTLAND CEMENT CONCRETE SIDEWALK. THE GAP BETWEEN THE POST AND THE CORE LIMITS SHALL BE FILLED WITH POLYURETHANE SEALANT (LIMESTONE COLOR).
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
- THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ADJUTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION. AGGREGATE FOR TEMPORARY ACCESS WILL BE MEASURED FOR PAYMENT AS SPECIFIED IN THE CONTRACT. THE COST OF ALL OTHER MATERIALS REQUIRED AND ALL OTHER LABOR NECESSARY TO COMPLY WITH THIS PROVISION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE CONSTRUCTION LIMITS LINE SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL FERTILIZE AND SOD ALL EARTH SURFACES DISTURBED BY CONSTRUCTION. FERTILIZER AND SOD WITHIN THE CONSTRUCTION LIMITS WILL BE PAID FOR AS PROVIDED IN THE CONTRACT. FERTILIZER AND SODDING OUTSIDE THESE LIMITS WILL NOT BE MEASURED FOR PAYMENT. SEE THE SEEDING SCHEDULE FOR ESTIMATED PLAN QUANTITIES.
- 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. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS TREE REMOVAL ITEMS INCLUDED IN THE CONTRACT.
- IF ASH TREES ARE TO BE REMOVED FROM THE PROJECT, THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS SPECIFIED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE (IDOA) TO PREVENT THE SPREAD OF THE EMERALD ASH BORER. IDOA INFORMATION REGARDING ASH TREE REMOVAL CAN BE FOUND ON THE IDOA WEBSITE AT [WWW.AGR.STATE.IL.US/EAB](http://WWW.AGR.STATE.IL.US/EAB).
- CARE SHALL BE TAKEN TO AVOID PROPOSED ELECTRICAL CONDUIT CONFLICTS WITH OTHER PROPOSED WORK.

**EARTHWORK**

- 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 ACCORDING TO ARTICLE 202.03 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."

**PAVING**

- THE CONTRACTOR SHALL NOTE THE LOCATION OF ALL MANHOLE AND VALVE COVER FRAMES AND LIDS LOCATED WITHIN RESURFACING LIMITS. APPROPRIATE CARE SHALL BE TAKEN TO PROTECT THESE ITEMS DURING MILLING OPERATIONS.
- THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURES ARE PLACED.
- CLASS PV CONCRETE MIX THAT ACHIEVES A STRENGTH OF 3,500 PSI IN 3 DAYS SHALL BE USED FOR THE CONSTRUCTION OF PCC ENTRANCES AND ALLEYS. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS PAVEMENT ITEMS INCLUDED IN THE CONTRACT.
- HIGH EARLY STRENGTH CONCRETE MIX SHALL BE USED FOR ALL PCC PATCHING. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS PATCHING ITEMS INCLUDED IN THE CONTRACT.
- AT VARIOUS LOCATIONS, IT MAY BE NECESSARY TO TRANSITION PROPOSED CONCRETE CURB TO MEET EXISTING CURBS OR GUTTERS. THE MINIMUM LENGTH OF TRANSITIONAL CURB SHALL BE 10 FEET, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.

**DRAINAGE**

- STORM SEWER INVERTS SHOWN ON THE PLANS HAVE BEEN CALCULATED TO THE CENTER OF THE STRUCTURE. THE STORM SEWER SLOPES SHOWN ON THE PLANS ARE THE PERCENT GRADE FROM CENTER TO CENTER OF STRUCTURE. THE LENGTH OF STORM SEWERS SHOWN ON THE PLANS IS THE DISTANCE FROM CENTER TO CENTER OF STRUCTURE. STORM SEWER WILL BE MEASURED AND PAID FOR AS SPECIFIED IN ARTICLES 550.09 AND 550.10 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." FLARED END SECTIONS ARE LOCATED BY STATION, OFFSET AND FLOWLINE ELEVATION AT THE FLARED END OF THE FLARED END SECTION.
- THE OFFSETS TO ALL INLETS AND MANHOLES ARE GIVEN TO THE CENTER OF THE OPENING AT THE BASE OF THE FRAME AND GRATE OR LID. CONCENTRIC DRAINAGE STRUCTURES WERE ASSUMED WHEN CALCULATING THESE DIMENSIONS.
- ALL TYPE 3 FRAMES AND GRATES SHALL BE FURNISHED BY THE CONTRACTOR WITH OPEN CURB BOXES. SEE HIGHWAY STANDARD 604006 AND THE SPECIAL PROVISIONS FOR DETAILS.
- THE CONTRACTOR SHALL INCLUDE THE COST OF MAKING CONNECTIONS TO EXISTING DRAINAGE STRUCTURES IN THE CONTRACT UNIT PRICE FOR THE STORM SEWER ITEMS INVOLVED.
- ALL DRAINAGE STRUCTURES CONSTRUCTED, ADJUSTED OR RECONSTRUCTED UNDER THE CONTRACT, SHALL BE CLEANED OF ANY ACCUMULATION OF SILT, DEBRIS OR FOREIGN MATTER AT THE END OF EACH WORKING DAY AND AT THE TIME OF FINAL INSPECTION. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS DRAINAGE STRUCTURE ITEMS INCLUDED IN THE CONTRACT.

**PAVEMENT MARKING**

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

**APPROXIMATE QUANTITIES, SYMBOLS & ABBREVIATIONS**

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

AGGREGATE FOR TEMPORARY ACCESS	200	TON
PIPE DRAINS 4"	25	FOOT
PIPE DRAINS 6"	25	FOOT
LOCATING UNDERGROUND UTILITY	6	EACH

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

BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
CONSTR	CONSTRUCTION
CP	CONTROL POINT
ESMT	EASEMENT
ELEV	ELEVATION
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
TBA	TO BE ADJUSTED
TBRL	TO BE RELOCATED
TYP	TYPICAL
W	WIDTH

**COMMITMENTS**

NO COMMITMENTS TO DATE

**HIGHWAY STANDARDS**

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS	604046-03	FRAME AND GRATE TYPE 10
280001-07	TEMPORARY EROSION CONTROL SYSTEMS	604066-02	FRAME AND LID TYPE 15
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS	606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
424016-02	MID BLOCK CURB RAMPS FOR SIDEWALKS	701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
424021-03	DEPRESSED CORNER	701006-05	OFF-RD OPERATIONS, 2L, 2W 15' TO 24" FROM PAVEMENT EDGE
424026-01	ENTRANCE /ALLEY PEDESTRIAN CROSSING	701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
442201-03	CLASS C AND D PATCHES	701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
602301-04	INLET - TYPE A	701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
602306-03	INLET - TYPE B	701901-04	TRAFFIC CONTROL DEVICES
602401-03	MANHOLE TYPE A	720001-01	SIGN PANEL MOUNTING DETAILS
602406-06	MANHOLE TYPE A 6' (1.8 m) DIAMETER	720006-04	SIGN PANEL ERECTION DETAILS
602601-03	PRECAST REINFORCED CONCRETE FLAT SLAB TOP	728001-01	TELESCOPING STEEL SIGN SUPPORT
602701-02	MANHOLE STEPS	780001-05	TYPICAL PAVEMENT MARKINGS
604001-04	FRAME AND LIDS TYPE 1	805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
604006-05	FRAME AND GRATE TYPE 3	814001-03	HANDHOLES

FILE NAME: I:\PROJECTS\13-00081-04\13-00081-04-LS-001.dwg



USER NAME: moise.groder	DESIGNED -	REVISED -
PLOT SCALE: 40.8000' / 1"	DRAWN -	REVISED -
PLOT DATE: 5/29/2015	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES, HIGHWAY STANDARDS, & COMMITMENTS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	2
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97603	

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
						ROADWAY	LIGHT
		20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	24	24	
		20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	84	84	
		20200100	EARTH EXCAVATION	CU YD	285	285	
	•	20800150	TRENCH BACKFILL	CU YD	1	1	
	•	21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	1,340	1,340	
Δ	•	25200100	SODDING	SO YD	1,340	1,340	
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	55	55	
		28000500	INLET AND PIPE PROTECTION	EACH	7	7	
		35300200	PORTLAND CEMENT CONCRETE BASE COURSE 7"	SO YD	597	597	
		40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	200	200	
		40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	20	20	
		40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	147	147	
	•	42001300	PROTECTIVE COAT	SO YD	4,054	4,054	
		42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SO YD	209	209	

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
						ROADWAY	LIGHT
		42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	744	744	
		42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	22,225	22,225	
	•	42400800	DETECTABLE WARNINGS	SO FT	412	412	
		44000100	PAVEMENT REMOVAL	SO YD	155	155	
		44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	540	540	
		44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	1,224	1,224	
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	50	50	
	•	44000600	SIDEWALK REMOVAL	SO FT	19,685	19,685	
		44201313	CLASS C PATCHES, TYPE I, 7 INCH	SO YD	4	4	
		44201317	CLASS C PATCHES, TYPE II, 7 INCH	SO YD	27	27	
		44201323	CLASS C PATCHES, TYPE IV, 7 INCH	SO YD	72	72	
		550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	8	8	
		55100500	STORM SEWER REMOVAL 12"	FOOT	10	10	
		59300100	CONTROLLED LOW STRENGTH MATERIAL	CU YD	28	28	

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

FILE NAME: H:\P1\2084\Construction\CAD Sheets\0810084-rt-500.dgn



USER NAME: maia.groser  
DESIGNED -  
DRAWN -  
CHECKED -  
DATE -  
PLOT SCALE: 1/8" = 1'-0"  
PLOT DATE: 5/20/2015

REVISOR -  
REVISION -  
REVISOR -  
REVISION -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	3
CONTRACT NO. 97603			ILLINOIS FED. AID PROJECT	

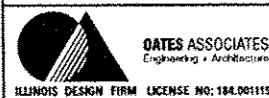


SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
						ROADWAY	LIGHT
		Z0034100	MASONRY WALL CONSTRUCTION	SO FT	51	51	
Δ		A2004516	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6	
Δ		A2005516	TREE, NYSSA SYLVATICA (BLACK TUPELO), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6	
Δ		A3005238	TREE, ZELKOVA SERRATA GREEN VASE (GREEN VASE ZELKOVA), 2" CALIPER, BALLED AND BURLAPPED	EACH	5	5	
		X0326859	PAVEMENT IMPRINTING	SO YD	401	401	
		X0327018	DECORATIVE SIGN POST	EACH	13	13	
		X0327680	TRENCH DRAIN	FOOT	119	119	
Δ		X0539700	TREE FRAME AND GRATE	EACH	8	8	
		X4240420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL	SO FT	4,240	4,240	
		X4402400	CURB REMOVAL (SPECIAL)	FOOT	3,238	3,238	
		X6024240	INLETS, SPECIAL	EACH	3	3	
		X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
Δ		X8040102	ELECTRIC SERVICE INSTALLATION, SPECIAL	EACH	1		1
Δ		X8140105	HANDHOLE (SPECIAL)	EACH	2		2

SI	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
						ROADWAY	LIGHT
Δ		X8360210	LIGHT POLE FOUNDATION, 24" DIAMETER, SPECIAL	FOOT	204		204
		XX004242	ORNAMENTAL HANDRAIL	FOOT	24	24	
		XX005431	LOCATING UNDERGROUND UTILITY	EACH	6		6
		XX006987	COAL CHUTE CLOSURE SYSTEM	EACH	1	1	
Δ		XX007393	DECORATIVE LIGHT TYPE A	EACH	16		16
Δ		XX007394	DECORATIVE LIGHT TYPE B	EACH	8		8
Δ		XX007396	DECORATIVE LIGHT TYPE C	EACH	6		6

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

FILE NAME: H:\P\10084\microstation\cro Sheets\10818284-sh-1-300.dgn



USER NAME = mario.groser  
DESIGNED -  
DRAWN -  
PLOT SCALE = 100.0000 / 1 in.  
CHECKED -  
PLOT DATE = 5/28/2015  
DATE -

REVISOR -  
REVISED -  
REVISOR -  
REVISED -  
REVISOR -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

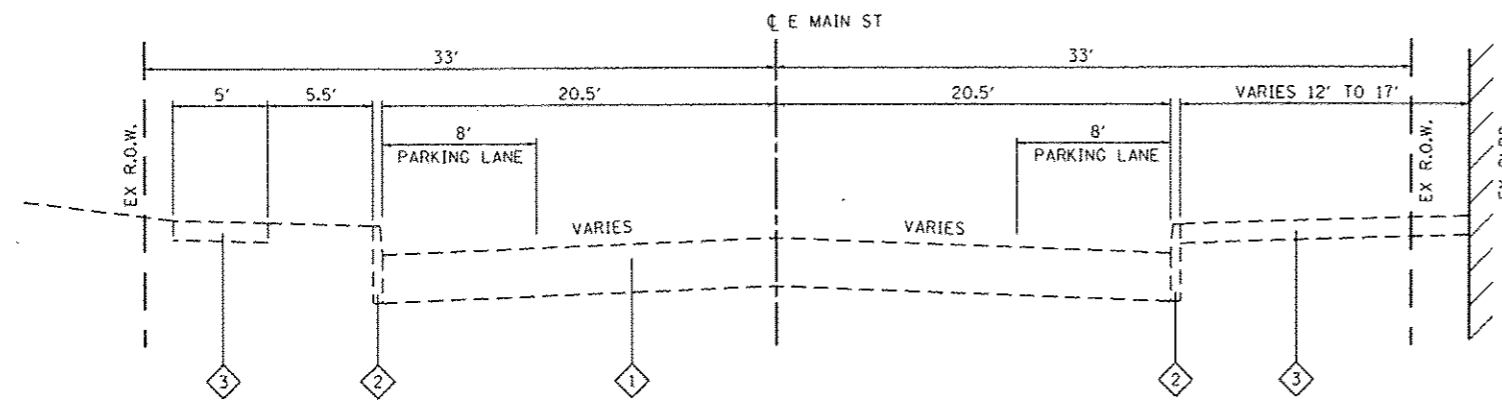
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-L5	MADISON	56	5
CONTRACT NO. 97603			ILLINOIS FED. AID PROJECT	

**TYPICAL SECTION LEGEND**

- 1 EXISTING PAVEMENT
- 2 EXISTING CONCRETE BARRIER CURB
- 3 EXISTING PCC SIDEWALK
- 4 EXISTING PARKING LOT
- 5 EXISTING HMA SHOULDER
- 6 EXISTING AGGREGATE SURFACE

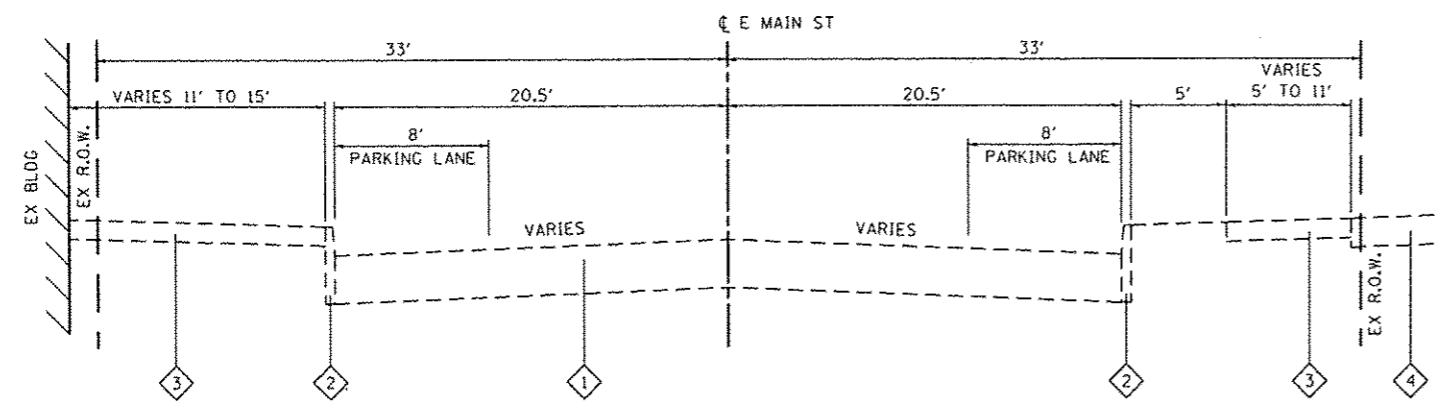
**TYPICAL SECTION NOTES**

- 1 EXISTING COMB CONCRETE CURB & GUTTER TYPE B-6.24 FROM STA 97+90 TO STA 98+39



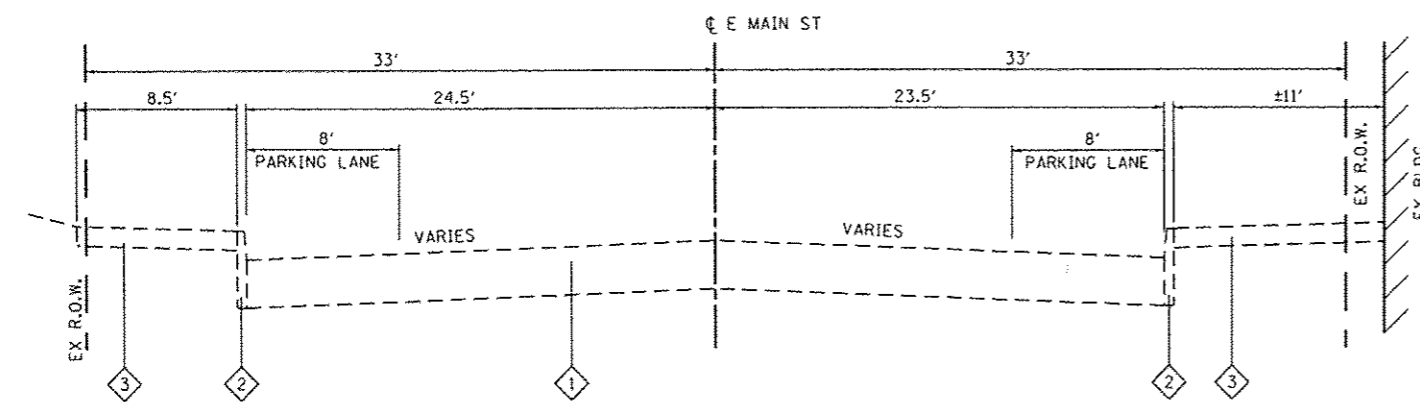
**EXISTING EAST MAIN STREET**

STA. 101+65 TO STA 104+00



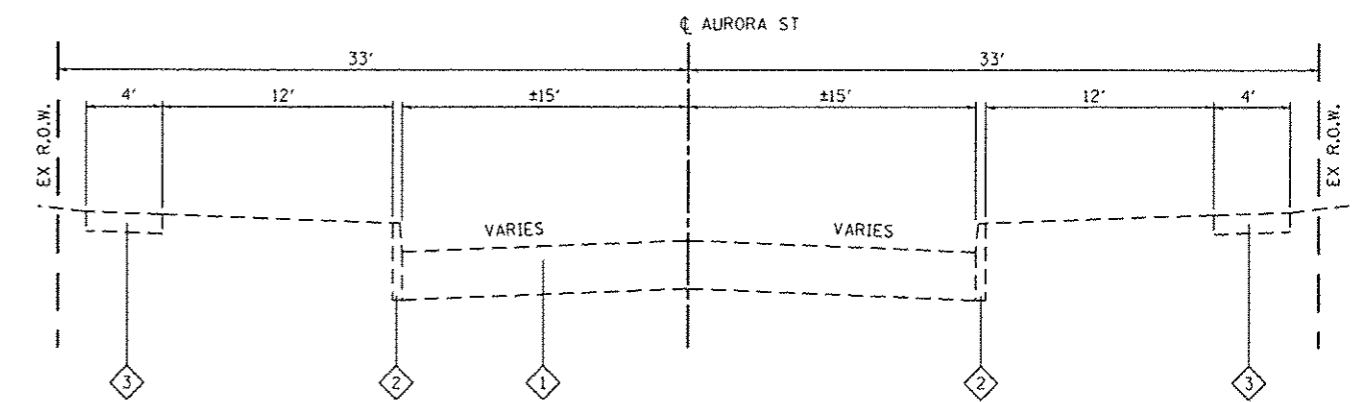
**EXISTING EAST MAIN STREET**

STA. 100+00 TO STA 101+65



**EXISTING EAST MAIN STREET**

STA. 97+90 TO STA 100+00

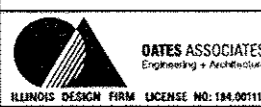


**EXISTING AURORA STREET**

STA. 200+00 TO STA 204+00

SEE CROSS SECTIONS FOR VARIABLE DIMENSIONS

FILE NAME: H:\P\10084\micromotion\CAD Sheets\0818034-shc-typical.dgn



USER NAME: m.ross.groser	DESIGNED: -	REVISED: -
PLOT SCALE: 40,0000' / in.	DRAWN: -	REVISED: -
PLOT DATE: 5/28/2015	CHECKED: -	REVISED: -
	DATE: -	REVISED: -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTIONS**

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

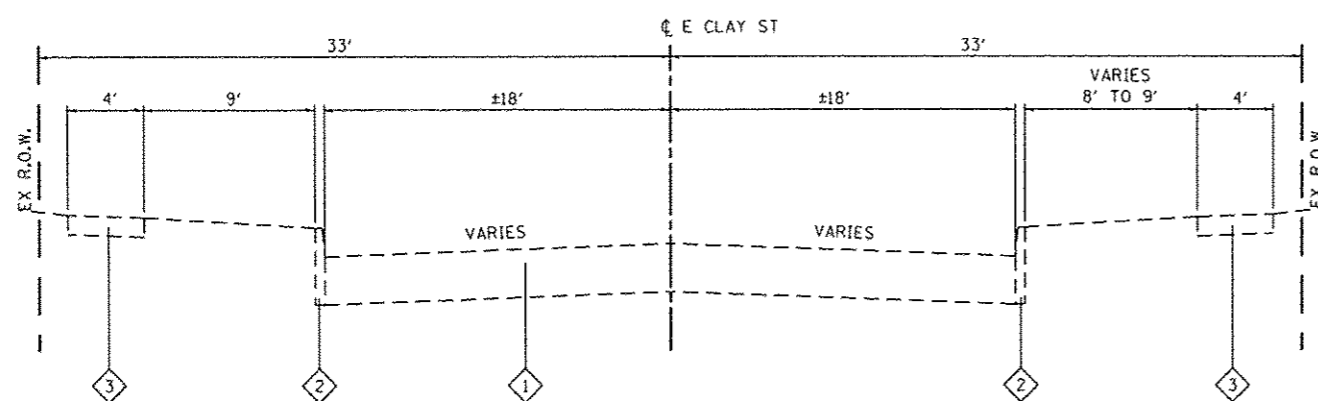
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	6
CONTRACT NO. 97603				
ILLINOIS FED. AID PROJECT				

**TYPICAL SECTION NOTES**

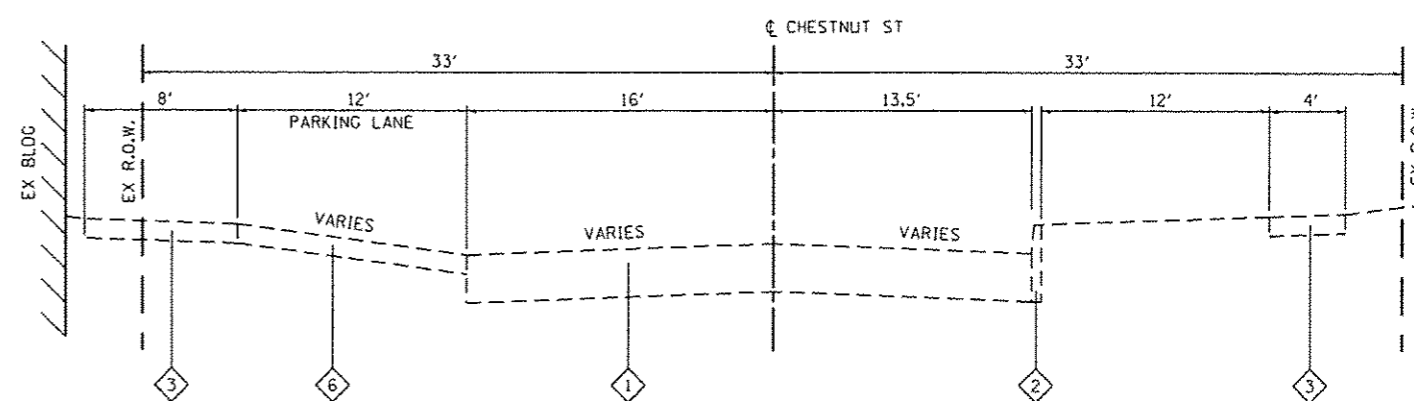
- 1 EXISTING 11' WIDE AGGREGATE BUFFER SPACE BEHIND CURB FROM STA 400+35 TO STA 401+10

**TYPICAL SECTION LEGEND**

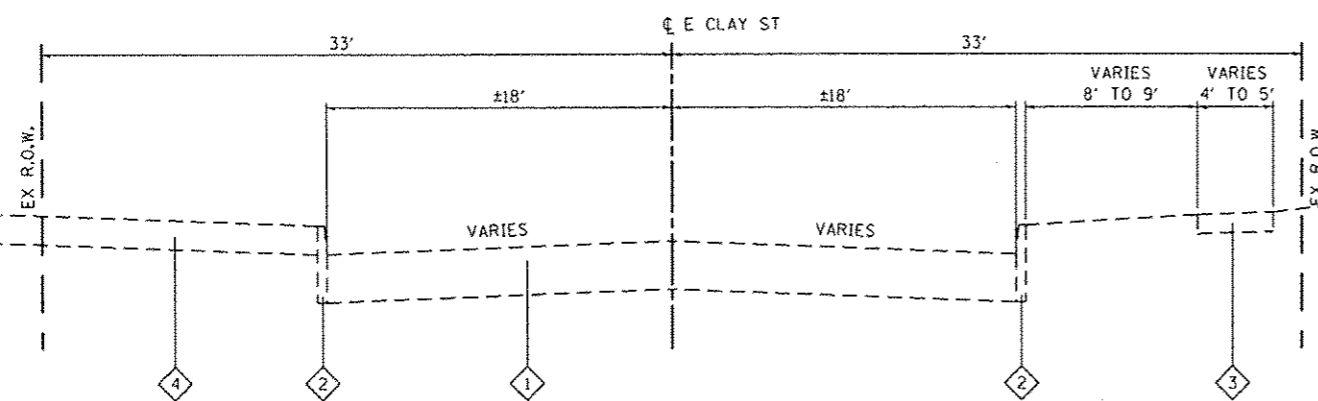
- 1 EXISTING PAVEMENT
- 2 EXISTING CONCRETE BARRIER CURB
- 3 EXISTING PCC SIDEWALK
- 4 EXISTING PARKING LOT
- 5 EXISTING HMA SHOULDER
- 6 EXISTING AGGREGATE SURFACE



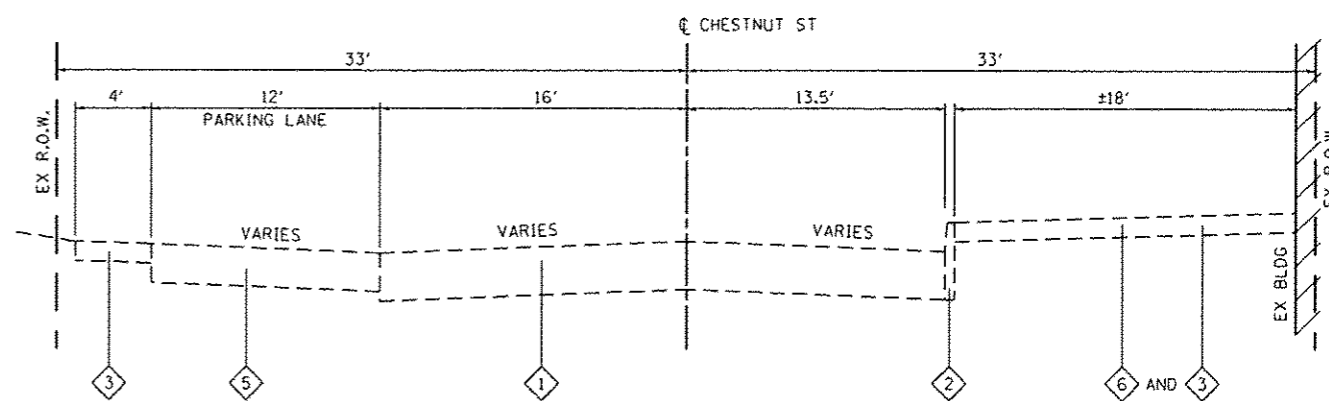
**EXISTING EAST CLAY STREET**  
STA 301+09 TO STA 304+00



**EXISTING CHESTNUT STREET**  
STA. 402+00 TO STA 404+00



**EXISTING EAST CLAY STREET**  
STA 299+50 TO STA 301+09



**EXISTING CHESTNUT STREET**  
STA. 400+00 TO STA 402+00

SEE CROSS SECTIONS FOR VARIABLE DIMENSIONS

FILE NAME: I:\13\10081\13-00081-04-LS\Station\CD\Sheet\01\01BBA-INT-TYPICAL.dgn



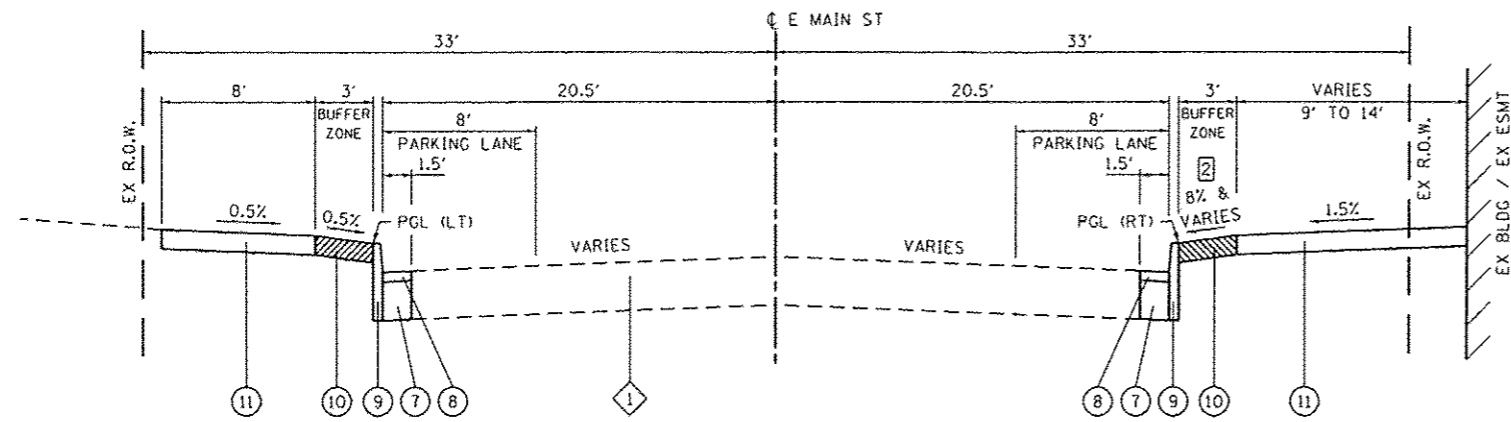
USER NAME : mario.groser  
 DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -  
 PLOT SCALE = 48.0000 / 1 in.  
 PLOT DATE = 5/20/2015

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

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

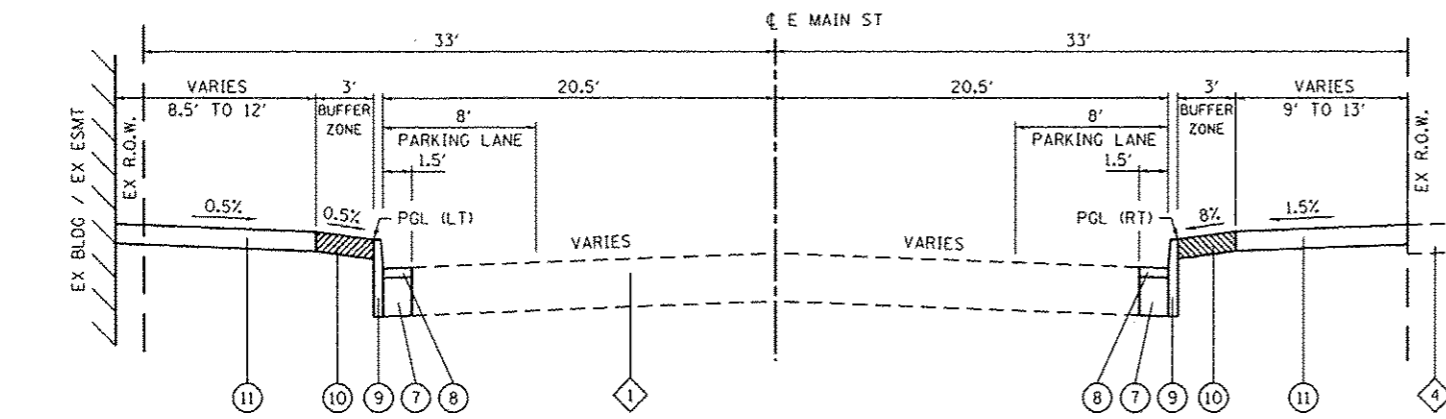
**EXISTING TYPICAL SECTIONS**  
 SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	7
			CONTRACT NO. 97603	
ILLINOIS FED. AID PROJECT				



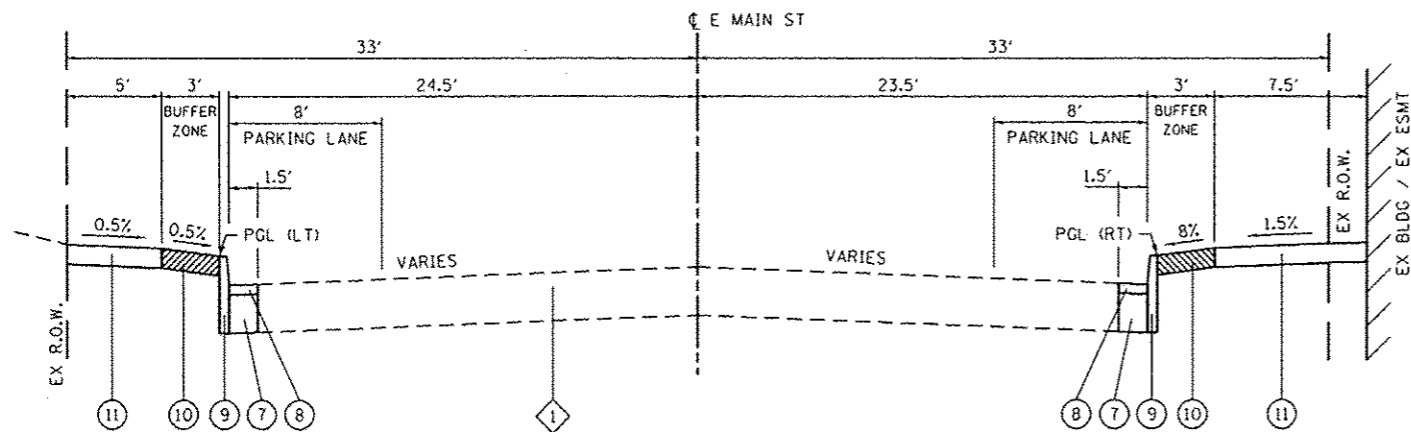
**PROPOSED EAST MAIN STREET**

STA. 101+65 TO STA 104+00



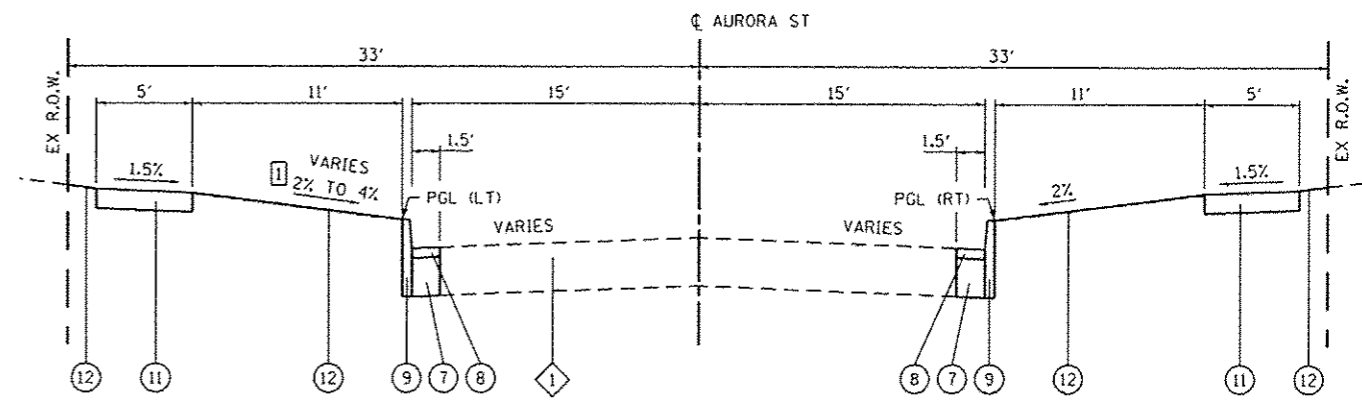
**PROPOSED EAST MAIN STREET**

STA. 100+00 TO STA 101+65



**PROPOSED EAST MAIN STREET**

STA. 97+90 TO STA 100+00



**PROPOSED AURORA STREET**

STA. 200+00 TO STA 204+00

**TYPICAL SECTION LEGEND**

- 1 EXISTING PAVEMENT
- 2 EXISTING CONCRETE BARRIER CURB
- 3 EXISTING PCC SIDEWALK
- 4 EXISTING PARKING LOT
- 5 EXISTING HMA SHOULDER
- 6 EXISTING AGGREGATE SURFACE
- 7 PROPOSED PCC BASE COURSE, 7"
- 8 PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, 2"
- 9 PROPOSED PORTLAND CEMENT CONCRETE CURB, TYPE B, 6"
- 10 PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4" SPECIAL
- 11 PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- 12 PROPOSED TOPSOIL FURNISH AND PLACE, 4" WITH SOD

**TYPICAL SECTION NOTES**

- 1 STA 200+00 TO STA 203+00, TURF SLOPE IS 2.0%. STA 203+00 TO STA 204+00, TURF SLOPE IS 4.0%
- 2 STA 102+75 TO STA 104+00, SLOPE VARIES FROM 8% TO 25%

**MIXTURES TABLE**

MIXTURE USE	SURFACE COURSE & OVERLAY FOR DECORATIVE X-WALK	BINDER COURSE
THICKNESS	2"	4"
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	SEE BDE SPECIAL PROVISIONS	SEE BDE SPECIAL PROVISIONS
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION	IL-9.5 or IL-12.5	IL-19.0
FRICTION AGG	MIXTURE "C"	MIXTURE "B"

NOTES:

SEE CROSS SECTIONS FOR VARIABLE DIMENSIONS

FILE NAME: I:\PROJECTS\13-00081-04-LS\13-00081-04-LS-TYPICAL.dgn



USER NAME = malina.groser  
 DESIGNED -  
 DRAWN -  
 PLOT SCALE = 1/8" = 1'-0"  
 CHECKED -  
 PLOT DATE = 5/28/2015  
 REVISIONS -

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -  
 REVISIONS -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	8
CONTRACT NO. 97603				
ILLINOIS FED. AID PROJECT				







**PAVEMENT MARKING**

LOCATION	THPL PVT MK LINE 4 (NOTES 1 & 3) (FOOT)	THPL PVT MK LINE 12 (NOTE 1) (FOOT)	THPL PVT MK LINE 24 (NOTE 1) (FOOT)	PREF THPL PM LTR-SYM (SQ FT)	PAVT MARKING REMOVAL (SQ FT)
<b>INTERSECTION OF</b>					
E MAIN/VANDALIA		185			
E MAIN/CHESTNUT		315	75		60
E MAIN/AURORA		300	70	4.6	140
E CLAY/AURORA		280	70		
E CLAY/CHESTNUT		150	15		
<b>E MAIN</b>					
NOTE 2	50				
<b>CHESTNUT</b>					
400+40	LT	25		4.6	
<b>TOTAL</b>		<b>75</b>	<b>1,230</b>	<b>230</b>	<b>200</b>

**PAVEMENT MARKING NOTES:**

- SEE HIGHWAY STANDARD 780001 FOR PAVEMENT MARKING DETAILS.
- WHERE PROPOSED CURB & PAVT PATCHING REMOVES EX PAVT MARKING, RE-APPLY AS NECESSARY FOR PARKING STALLS. AN APPROXIMATE QUANTITY IS PROVIDED.
- PARKING SPACE MARKINGS SHALL BE WHITE.

**SIDEWALK**

STATION	STATION	OFFSET	PROT COAT (SQ YD)	PC CONC SIDEWALK 4 (NOTE 1) (SQ FT)	DETECTABLE WARNINGS (SQ FT)	SIDEWALK REM (SQ FT)	PC CONC SIDEWALK 4 SP (SQ FT)
<b>E MAIN</b>							
97+90	99+85	RT	231	1,610	32	2,100	470
98+20	99+85	LT	140	1,015	40	1,355	245
100+10	104+40	RT	573	4,325	60	4,180	830
100+10	104+35	LT	407	2,910	60	3,010	750
<b>AURORA</b>							
200+30	203+65	LT	127	1,140	20	945	
200+30	203+70	RT	192	1,725	20	1,370	
<b>E CLAY</b>							
299+60	304+35	LT	313	2,440	70	1,285	380
300+10	304+45	RT	231	2,080	80	2,050	
<b>CHESTNUT</b>							
400+30	403+65	RT	345	2,760	20	2,515	345
400+35	403+80	LT	382	2,220	10	875	1,220
<b>TOTAL</b>			<b>2,941</b>	<b>22,225</b>	<b>412</b>	<b>19,685</b>	<b>4,240</b>

**SIDEWALK NOTES:**

- SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED ARE REQUIRED. SEE PLAN SHEETS FOR LOCATIONS AND TYPES.

**SODDING**

STATION	STATION	OFFSET	TOPSOIL F & P 4 (SQ YD)	NITROGEN FERT NUTR (NOTE 1) (POUND)	PHOSPHORUS FERT NUTR (NOTE 1) (POUND)	POTASSIUM FERT NUTR (NOTE 1) (POUND)	SODDING (SQ YD)	TEMP EROS CONTR SEED (NOTE 2) (POUND)
<b>E MAIN</b>								
100+14	100+27	RT	71	1	1	1	71	3
103+73	103+91	RT	34	1	1	1	34	1
<b>AURORA</b>								
200+20	204+40	RT	375	5	5	5	375	15
200+30	204+40	LT	235	3	3	3	235	10
<b>E CLAY</b>								
300+30	303+65	RT	270	3	3	3	270	11
301+10	303+65	LT	190	2	2	2	190	8
<b>CHESTNUT</b>								
402+15	403+65	RT	165	2	2	2	165	7
<b>TOTAL</b>			<b>1,340</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>1,340</b>	<b>55</b>

**SEEDING NOTES:**

- NITROGEN, PHOSPHORUS, & POTASSIUM FERTILIZER NUTRIENTS SHALL BE APPLIED AT A RATE OF 60 LBS/ACRE. FERTILIZER QUANTITIES ARE SHOWN FOR INFORMATION ONLY. THE COST FOR FERTILIZER NUTRIENTS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR SODDING.
- TEMPORARY EROSION CONTROL SEEDING CALCULATED AT A RATE OF 100 LBS/ACRE WITH 2 APPLICATIONS ASSUMED.

**CONCRETE STEPS**

STATION	OFFSET	SIDEWALK WIDTH (FOOT)	NUMBER OF STEPS	TREAD DIMENSION (INCH)	RISER DIMENSION (INCH)	CONCRETE STEPS (CU YD)
<b>CHESTNUT</b>						
400+75	RT	4	1	12	6	0.5
<b>TOTAL</b>						<b>0.5</b>

**CONCRETE STEP NOTES:**

- 

**COAL CHUTE/VAULT**

STATION	OFFSET	TYPE	LENGTH (FOOT)	WIDTH (FOOT)	HEIGHT (FOOT)	EXISTING WALL TYPE	CONTR LOW- STRENG MATL (CU YD)	MASONRY WALL CONSTR (NOTE 2) (SQ FT)	COAL CHUTE CLOSURE SYSTEM (EACH)
<b>E MAIN</b>									
98+28	33' RT	CHUTE	4.0	4.0					1
98+45	33' RT	VAULT	3.0	4.0	5.0	BRICK	2	15	
99+15	29' RT	VAULT	7.0	7.5	6.5	CONC	13	18	
99+22	29' RT	VAULT	7.0	7.5	6.5	CONC	13	18	
<b>TOTAL</b>							<b>28</b>	<b>51</b>	<b>1</b>

**COAL CHUTE/VAULT NOTES:**

- SEE CONSTRUCTION DETAILS FOR MORE INFORMATION.
- REMOVAL OF MANHOLE FRAME AND LIDS SHALL BE INCLUDED IN THE COST OF MASONRY WALL CONSTRUCTION.

FILE NAME: P:\171004\171004-01-01\171004-01-01-01.dwg



USER NAME = mozie.groser  
 DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -  
 PLOT SCALE = 48.0000' / 1" /  
 PLOT DATE = 5/28/2015

DESIGNED -  
 REVISIONS:  
 REVISIONS:  
 REVISIONS:  
 REVISIONS:

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**  
 SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 97603	

**SIGN AND POST**

STATION	OFFSET	MUTCD TYPE	DESCRIPTION	SIZE (FT X FT)	SIGN PANEL T1 (NOTE 1) (SQ FT)	TELES STL SIN SUP (NOTE 2 & 4) (FOOT)	DECORATIVE SIN POST (NOTE 2 & 3) (EACH)
<b>E MAIN</b>							
98+20	26' RT	W16-7P	ARROW	2 x 1	2.0		
98+40	27' LT	W16-7P	ARROW	2 x 1	2.0	16	
99+05	26' RT	R7-5M	2 HOUR PARKING	1 x 1.5	1.5	14	
99+62	27' RT	R1-1	STOP	2.5 x 2.5	6.3		1
		STREET SIGN	"E MAIN ST"	3 x 0.5	1.5		
		STREET SIGN	"CHESTNUT ST"	3 x 0.5	1.5		
99+80	40' LT	R1-1	STOP	2.5 x 2.5	6.3		1
		STREET SIGN	"E MAIN ST"	3 x 0.5	1.5		
		STREET SIGN	"CHESTNUT ST"	3 x 0.5	1.5		
100+17	40' RT	R1-1	STOP	2.5 x 2.5	6.3		1
		STREET SIGN	"E MAIN ST"	3 x 0.5	1.5		
		STREET SIGN	"CHESTNUT ST"	3 x 0.5	1.5		
100+35	24' LT	R1-1	STOP	2.5 x 2.5	6.3		1
		STREET SIGN	"E MAIN ST"	3 x 0.5	1.5		
		STREET SIGN	"CHESTNUT ST"	3 x 0.5	1.5		
101+15	23' LT	R7-5M	2 HOUR PARKING	1 x 1.5	1.5	14	
101+35	23' RT	R7-5M	4 HOUR PARKING	1 x 1.5	1.5	14	
102+62	23' RT	R7-5M	4 HOUR PARKING	1 x 1.5	1.5	14	
103+53	24' RT	R1-1	STOP	2.5 x 2.5	6.3		1
		STREET SIGN	"E MAIN ST"	3 x 0.5	1.5		
		STREET SIGN	"AURORA ST"	3 x 0.5	1.5		
103+80	39' LT	R1-1	STOP	2.5 x 2.5	6.3		1
		STREET SIGN	"E MAIN ST"	3 x 0.5	1.5		
		STREET SIGN	"AURORA ST"	3 x 0.5	1.5		
104+15	38' RT	R1-1	STOP	2.5 x 2.5	6.3		1
		STREET SIGN	"E MAIN ST"	3 x 0.5	1.5		
		STREET SIGN	"AURORA ST"	3 x 0.5	1.5		
104+36	24' LT	R1-1	STOP	2.5 x 2.5	6.3		1
		STREET SIGN	"E MAIN ST"	3 x 0.5	1.5		
		STREET SIGN	"AURORA ST"	3 x 0.5	1.5		
<b>AURORA</b>							
200+55	18' RT	R7-XX	NO PARK CORNER-HERE	1 x 1.5	1.5	14	
200+60	18' LT	R7-XX	NO PARK HERE-CORNER	1 x 1.5	1.5	14	
203+38	18' RT	R7-XX	NO PARK HERE-CORNER	1 x 1.5	1.5	14	
203+43	18' LT	R7-XX	NO PARK CORNER-HERE	1 x 1.5	1.5	14	
<b>E CLAY</b>							
300+24	21' RT	W11-2	CROSSWALK	2.5 x 2.5	6.3	16	
		W16-7P	ARROW	2 x 1	2.0		
300+35	21' LT	W11-2	CROSSWALK	2.5 x 2.5	6.3	16	
		W16-7P	ARROW	2 x 1	2.0		
303+58	21' RT	R1-1	STOP	2.5 x 2.5	6.3		1
		STREET SIGN	"E CLAY ST"	3 x 0.5	1.5		
		STREET SIGN	"N AURORA ST"	3 x 0.5	1.5		
303+76	38' LT	R1-1	STOP	2.5 x 2.5	6.3		1
		STREET SIGN	"E CLAY ST"	3 x 0.5	1.5		
		STREET SIGN	"N AURORA ST"	3 x 0.5	1.5		
304+15	37' RT	R1-1	STOP	2.5 x 2.5	6.3		1
		STREET SIGN	"E CLAY ST"	3 x 0.5	1.5		
		STREET SIGN	"N AURORA ST"	3 x 0.5	1.5		
304+33	23' LT	R1-1	STOP	2.5 x 2.5	6.3		1
		STREET SIGN	"E CLAY ST"	3 x 0.5	1.5		
		STREET SIGN	"N AURORA ST"	3 x 0.5	1.5		
<b>CHESTNUT</b>							
400+47	24' LT	R7-8	RESERVED PARKING	1 x 1.5	1.5	14	
403+58	17' RT	R1-1	STOP	2.5 x 2.5	6.3		1
		STREET SIGN	"E CLAY ST"	3 x 0.5	1.5		
		STREET SIGN	"N CHESTNUT ST"	3 x 0.5	1.5		
<b>TOTAL</b>					<b>155.0</b>	<b>174</b>	<b>13</b>

**SIGN AND POST NOTES:**

- EXISTING SIGNS THAT ARE REMOVED SHALL BE THE PROPERTY OF THE CITY OF COLLINSVILLE. THIS WORK SHALL BE INCLUDED IN THE COST OF PROPOSED SIGNS. ALL STREET SIGNS ARE DOUBLE FACED. SHAPE SHALL CONFORM TO POST MANUFACTURER STREET SIGN FRAMES.
- METAL SIGN POSTS AND SUPPORTS SHALL BE FACTORY FINISHED IN BLACK.
- TRAFFIC SIGNS ON DECORATIVE POSTS SHALL BE MOUNTED ON BLACK SIGN FRAMES. SEE CONSTRUCTION DETAILS.
- 4 IN. DIAMETER PVC SLEEVES SHALL BE PLACED AT ALL LOCATIONS WHERE SIGN POSTS WILL BE INSTALLED WITHIN THE LIMITS OF PROPOSED SIDEWALK. THE VOID SPACE BETWEEN THE POST AND THE SLEEVE SHALL BE FILLED WITH LIMESTONE COLORED SL-1.

**TREE**

STATION	OFFSET	T-GINKGO BIL PS 2 (EACH)	T-NYSSA SYLVAT 2 (EACH)	T-ZELKOVA SER GV 2 (EACH)	TREE FRAME AND GRATE (EACH)
<b>E MAIN</b>					
98+52	LT	1			1
98+82	RT		1		1
100+90	LT			1	1
101+60	RT	1			1
102+40	RT		1		1
103+22	RT			1	1
103+48	LT	1			1
<b>AURORA</b>					
200+50	LT		1		
200+74	RT			1	
201+60	RT	1			
202+50	LT		1		
202+75	RT			1	
<b>E CLAY</b>					
300+73	RT			1	
301+70	RT		1		
303+03	RT	1			
<b>CHESTNUT</b>					
401+38	RT	1			1
402+50	RT		1		
<b>TOTAL</b>		<b>6</b>	<b>6</b>	<b>5</b>	<b>8</b>

**TREE REMOVAL**

STATION	OFFSET	TREE REMOV 6-15 (NOTE 1) (UNIT)	TREE REMOV OVER 15 (UNIT)
<b>E MAIN</b>			
102+58	RT	6	
102+78	RT	6	
<b>AURORA</b>			
202+23	RT		18
203+55	RT		18
<b>E CLAY</b>			
301+10	RT		24
301+41	RT	12	
301+66	RT		24
<b>TOTAL</b>		<b>24</b>	<b>84</b>

**TREE REMOVAL NOTES:**

- STUMPS SHALL BE MEASURED AT THE ELEVATION OF CUT OFF.

**TRENCH DRAIN**

STATION	OFFSET	TRENCH DRAIN (FOOT)
<b>E MAIN</b>		
100+57	LT	15
102+50	RT	13
102+60	RT	13
102+97	RT	13
103+45	RT	13
<b>CHESTNUT</b>		
400+95	RT	18
402+20	LT	17
402+53	LT	17
<b>TOTAL</b>		<b>119</b>

FILE NAME: P:\1\10884\10884\station\CD0\_Sheet\10884-01-10884.dwg



USER NAME: moisa.groser  
 PLOT SCALE: 1/8" = 1'-0"  
 PLOT DATE: 5/20/2015

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

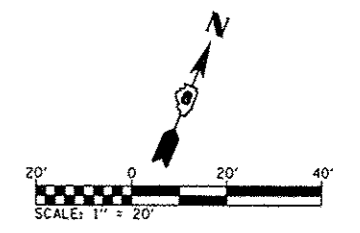
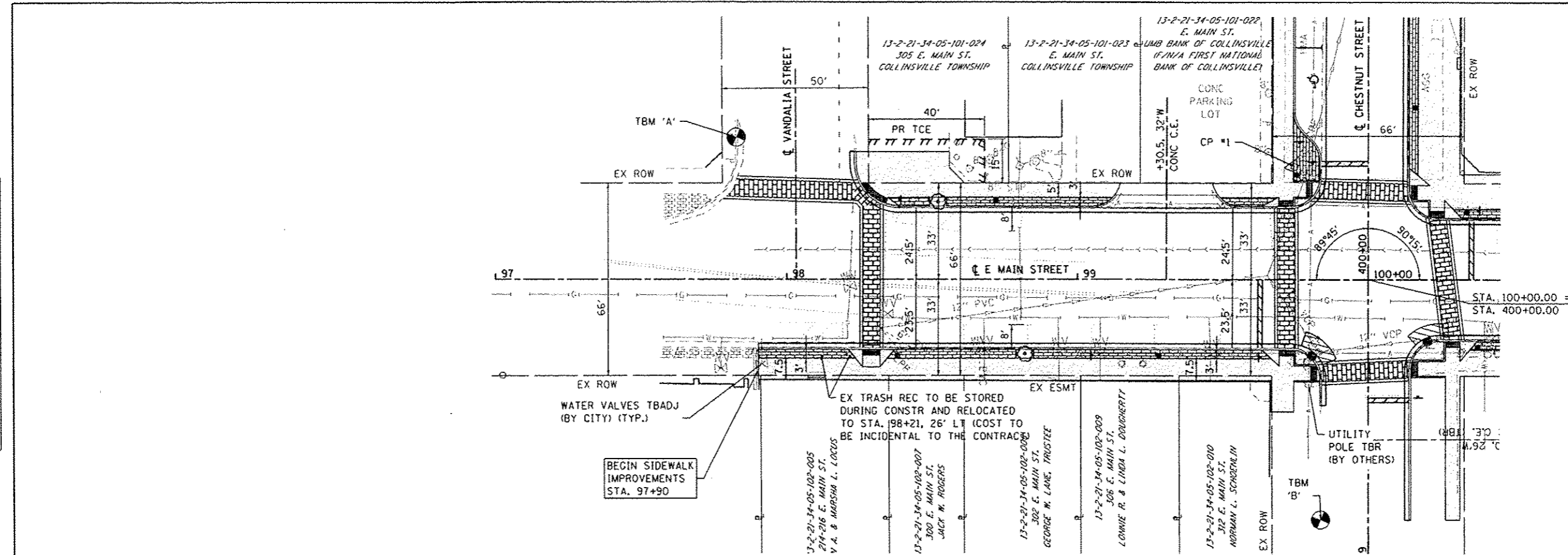
**SCHEDULE OF QUANTITIES**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	12
			CONTRACT NO. 97603	
[ILLINOIS] FED. AID PROJECT				

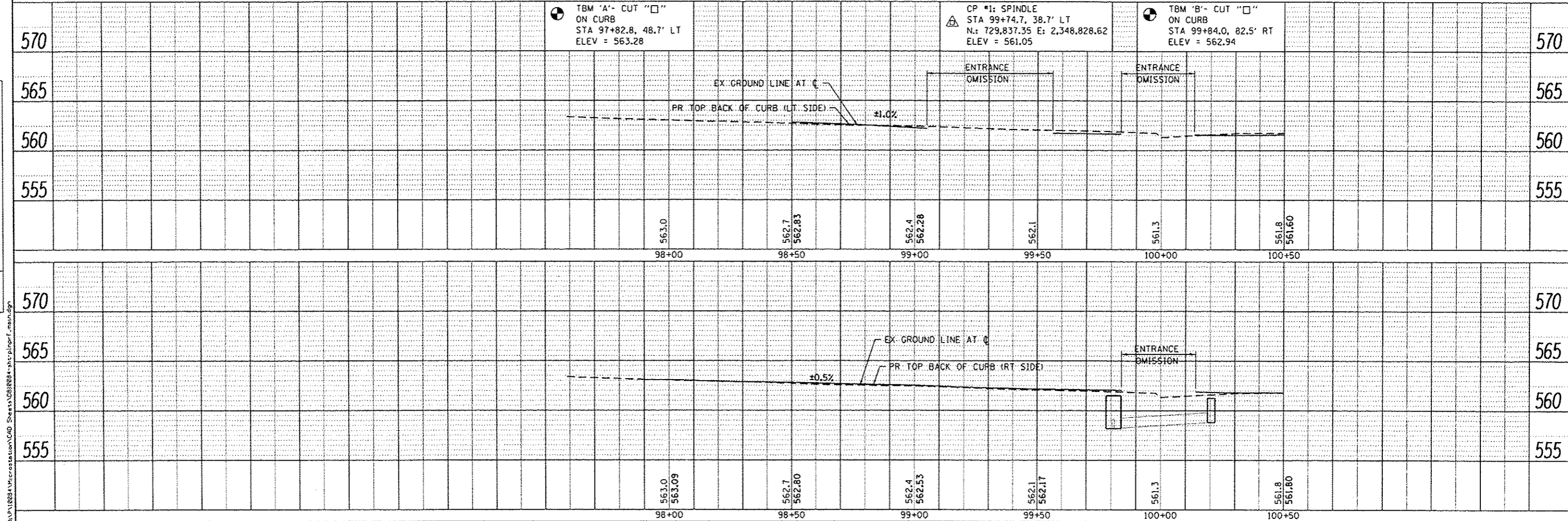
PLAN	DATE
BY	
CHECKED	
NOTED	
DATE	

PROFILE	DATE
BY	
CHECKED	
NOTED	
DATE	



**PLAN LEGEND**

- TREE
- DECORATIVE LIGHT
- PCC SIDEWALK, SPL
- PCC SIDEWALK
- HMA PAVT IMPRINTING
- PAVT PATCHES

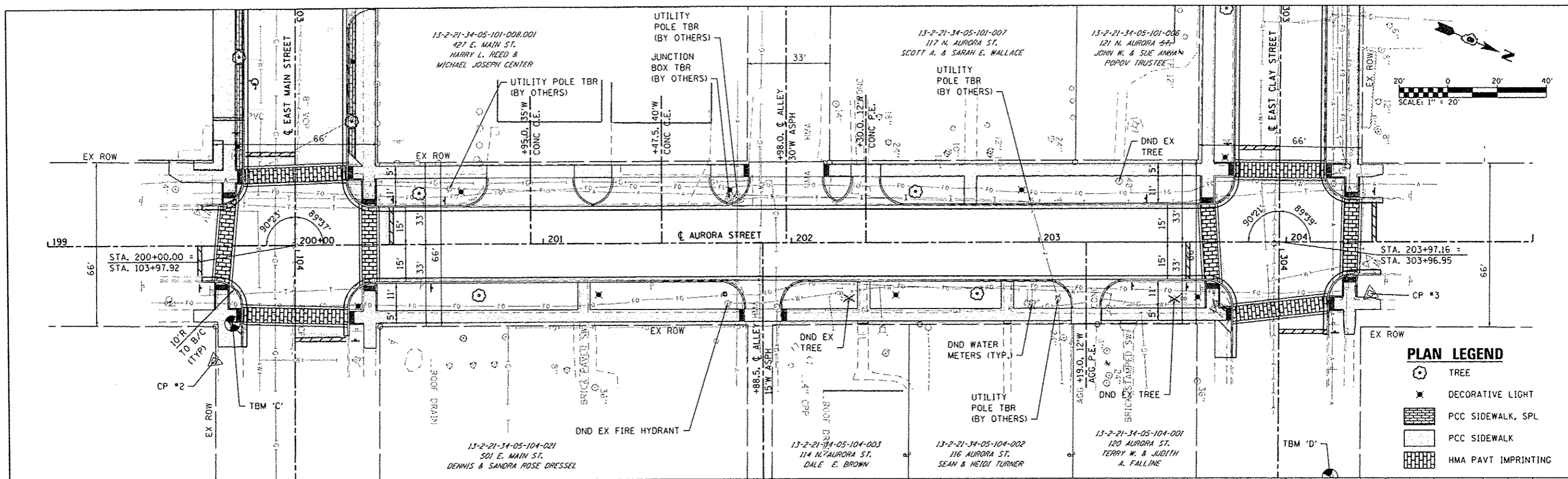


FILE NAME : H:\P\1808\1\microstation\CAD Sheets\08182814-shr-pinger1\_mstr.dgn



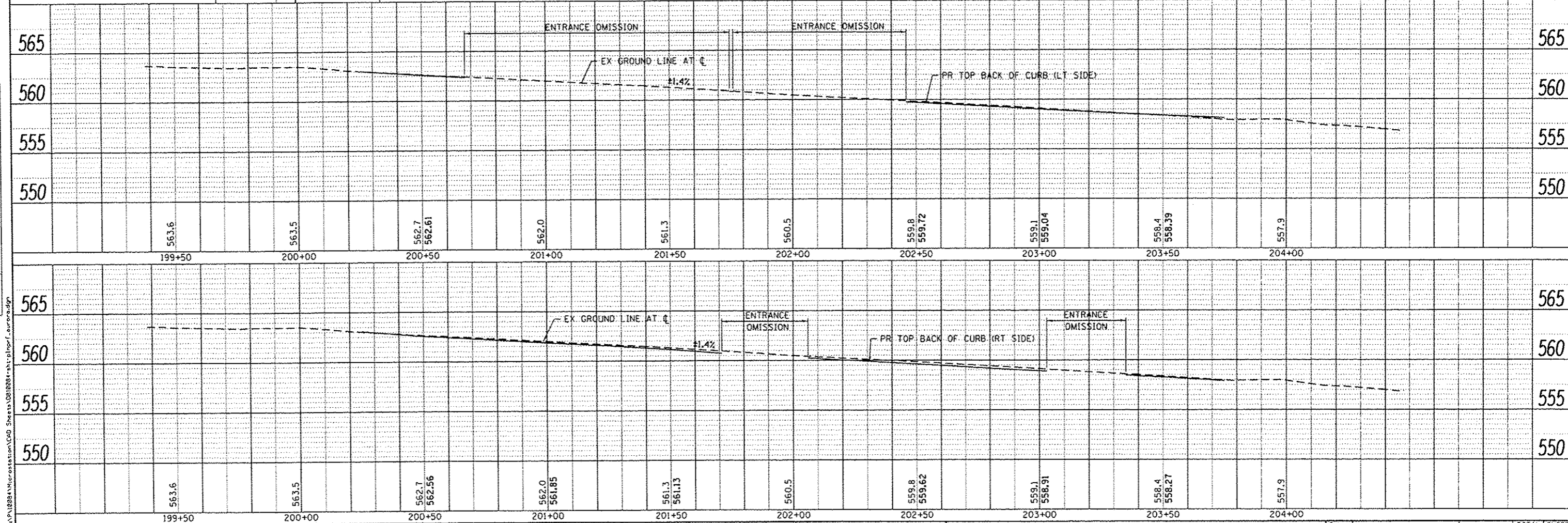
PLAN	DATE
DATE	BY
NO. OF WAY CHECKED	
CADD FILE NAME	
NO.	

PROFILE	DATE
DATE	BY
NO. OF WAY CHECKED	
CADD FILE NAME	
NO.	



**PLAN LEGEND**

- TREE
- DECORATIVE LIGHT
- PCC SIDEWALK, SPL
- PCC SIDEWALK
- HMA PAVT IMPRINTING



FILE NAME: H:\V\102841\micrstation\CAD Sheets\0810081-1-1-1\plan\Aurora.dgn

**DATES ASSOCIATES**  
Engineering - Architects  
ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

USER NAME = mikia.graser	DESIGNED -	REVISED -
PLOT SCALE = 48.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 5/28/2015	DRAWN -	REVISED -
	CHECKED -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN & PROFILE SHEETS  
AURORA STREET**

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

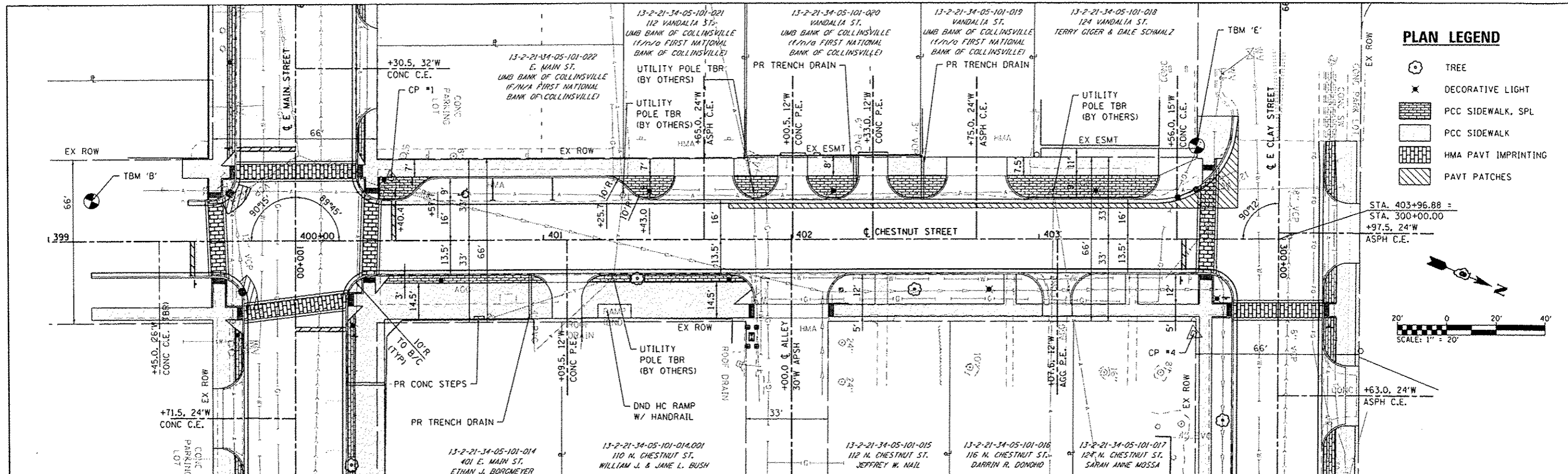
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	15
			CONTRACT NO.	97603
ILLINOIS FED. AID PROJECT				





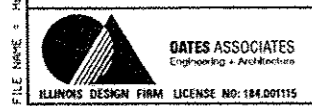
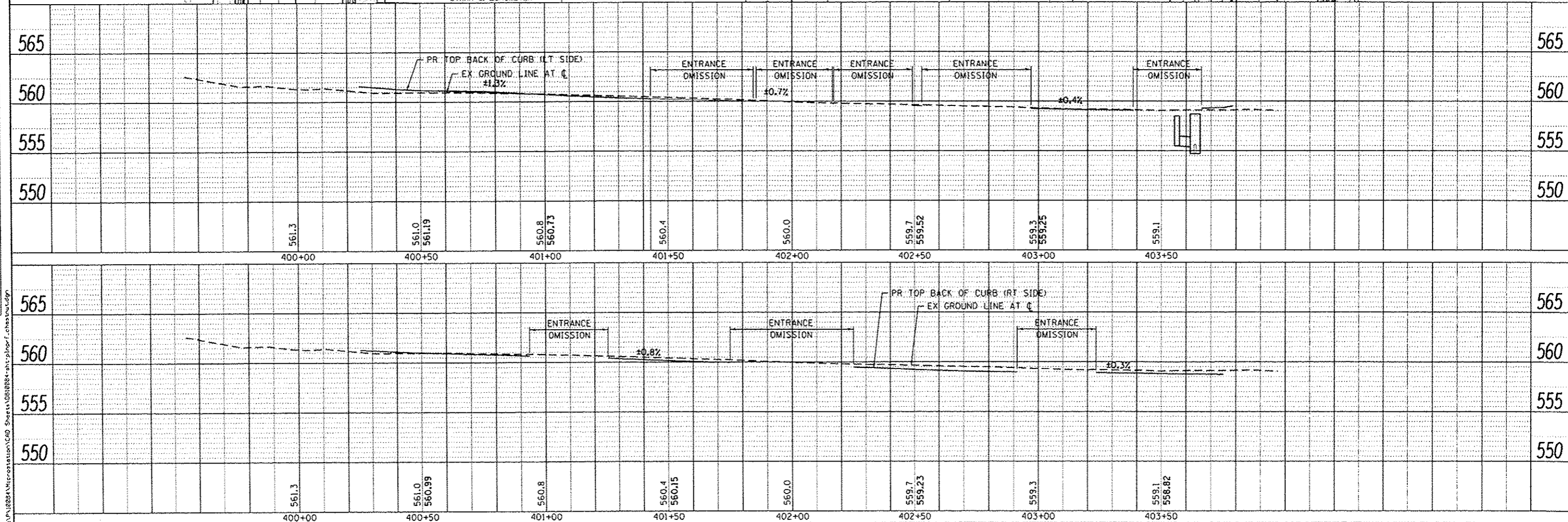
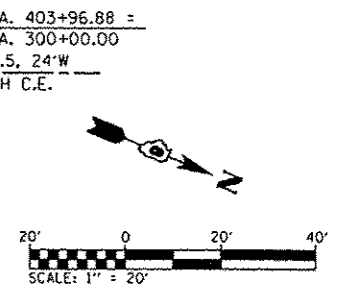
PLAN	SURVEYED	DATE
	PLOTTED	
	REVISIONS	
	NO. OF REVISIONS	
	DATE	
	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	

PROFILE	DESIGNED	DATE
	CHECKED	
	DRAWN	
	NO. OF REVISIONS	
	DATE	
	BY	
	DATE	
	BY	
	DATE	



**PLAN LEGEND**

- TREE
- DECORATIVE LIGHT
- PCC SIDEWALK, SPL
- PCC SIDEWALK
- HMA PAVT IMPRINTING
- PAVT PATCHES



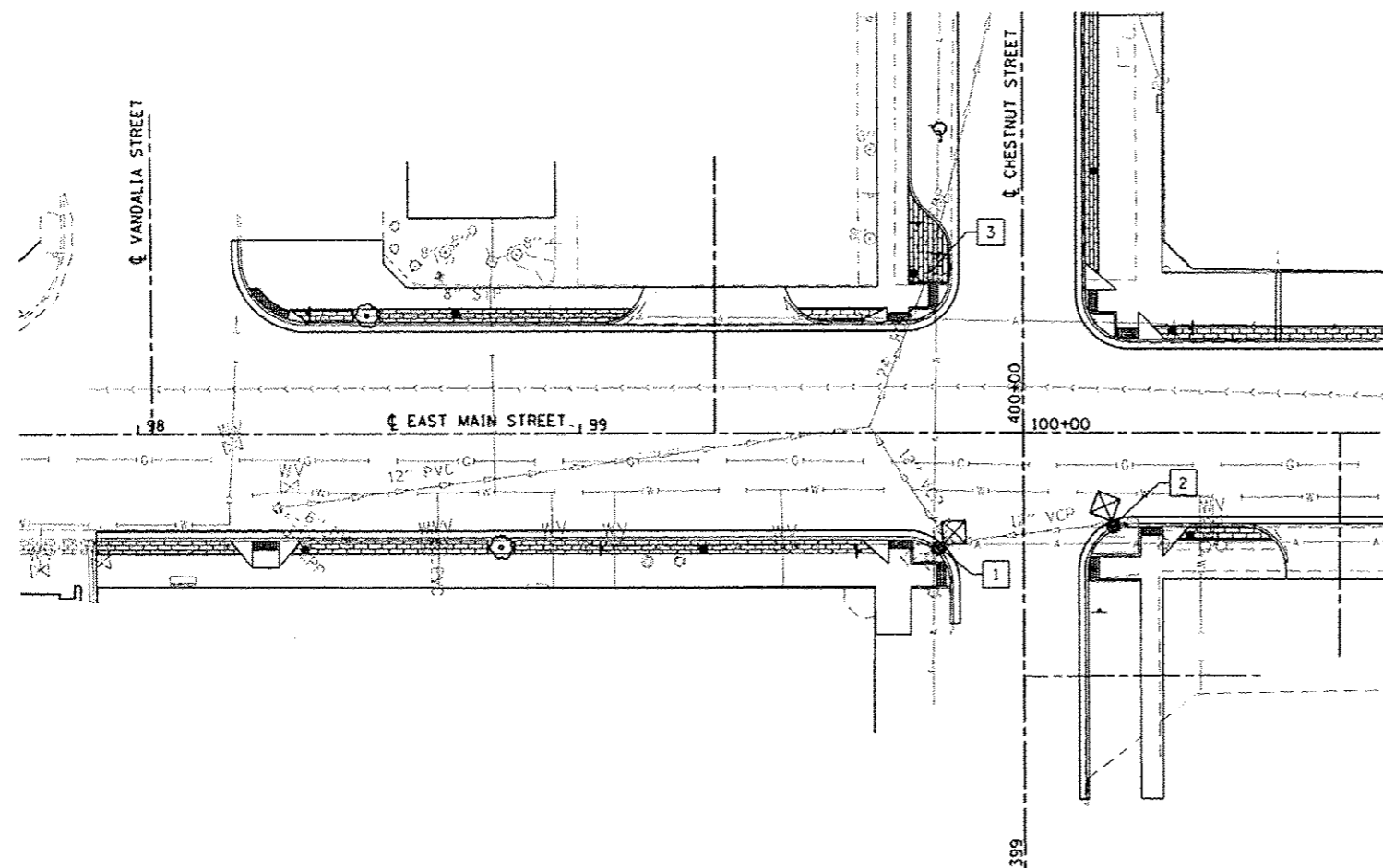
USER NAME = moisa.grover	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/28/2015	DRAWN -	REVISED -
	CHECKED -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN & PROFILE SHEETS  
CHESTNUT STREET**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	17
			CONTRACT NO.	97603
ILLINOIS FED. AID PROJECT				

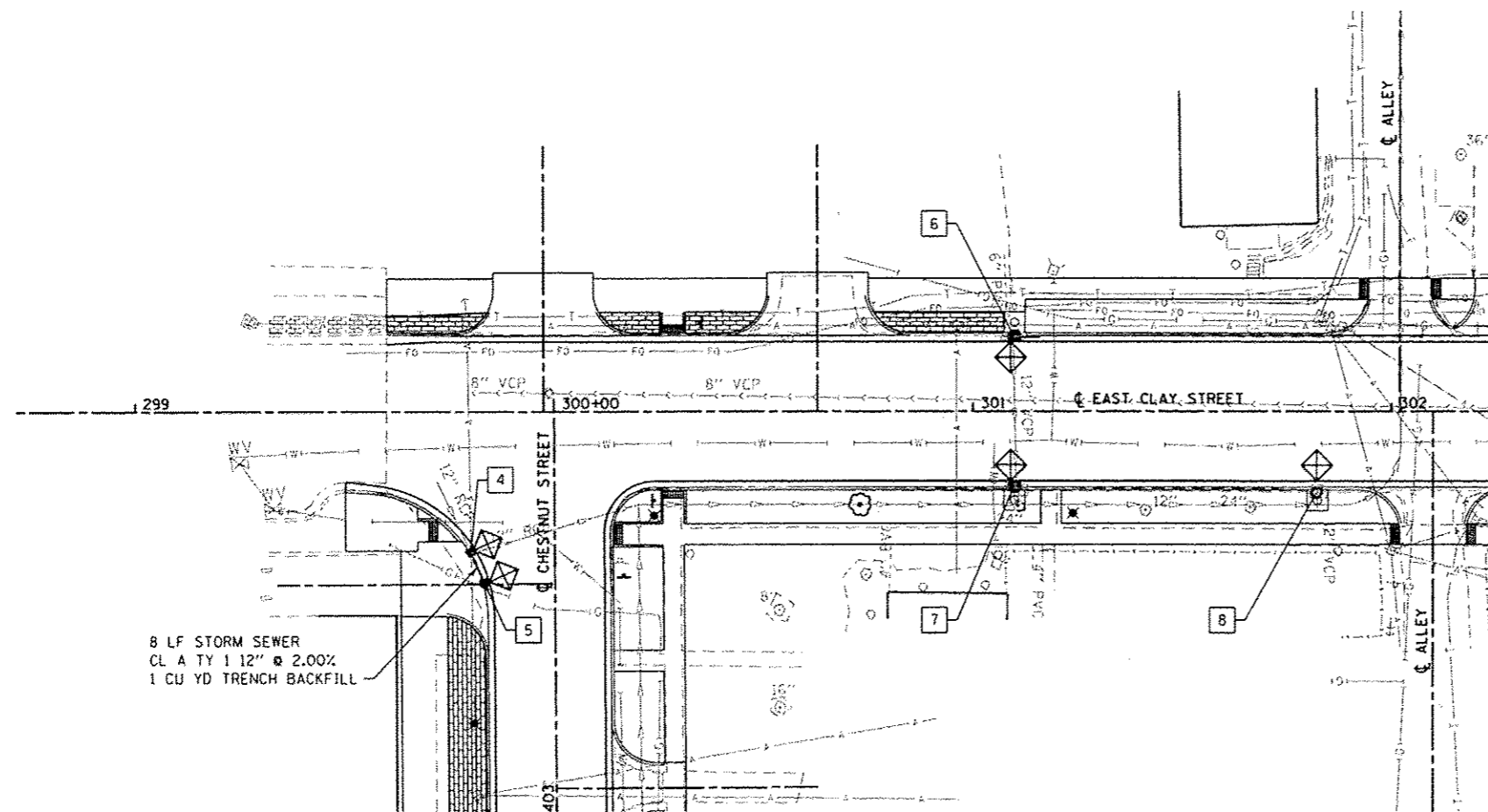


**EAST MAIN STREET  
DRAINAGE KEY NOTE LIST**

- 1 STA 99+81.0, 25.9 RT  
MAN TA 6 DIA T3F&G  
EOP/FC ELEV 561.50  
EX E INV 558.39  
EX N INV 558.19  
2 EA REMOV INLETS  
5 FOOT STORM SEWER REM 12
- 2 STA 100+20.4, 20.9 RT  
INLETS TB T3F&G  
EOP/FC ELEV 561.25  
EX INV 558.80  
1 EA REMOV INLETS  
5 FOOT STORM SEWER REM 12
- 3 STA 99+78.6, 35.7 LT  
INLETS ADJ NEW T1F CL  
EX RIM ELEV 560.99  
PR RIM ELEV 561.38

**EROSION CONTROL LEGEND**

INLET AND PIPE PROTECTION



**EAST CLAY STREET  
DRAINAGE KEY NOTE LIST**

- 4 STA 299+80.0, 33.3 RT  
MAN TA 4 DIA T10F&G  
EOP/FC ELEV 558.70  
EX N INV 554.79  
EX E INV 554.69  
S INV 555.34  
1 EA REMOV INLETS
- 5 STA 299+83.2, 40.6 RT  
INLETS TA T10F&G  
EOP/FC ELEV 558.50  
INV 555.50
- 6 STA 301+10.0, 21.0 LT  
INLET SPL  
EOP/FC ELEV 555.20  
EX S INV 551.70  
E INV 552.23  
2 EA REMOV INLETS
- 7 STA 301+10.0, 21.0 RT  
INLET SPL  
EOP/FC ELEV 555.50  
EX N INV 550.30  
EX S INV 549.40  
E INV 552.53  
2 EA REMOV INLETS
- 8 STA 301+82.0, 21.0 RT  
INLET SPL  
EOP/FC ELEV 556.02  
EX S INV 554.65  
1 EA REMOV INLETS

FILE NAME: H:\P\10084\10084\10084\CAD\_Sheets\01\10084-10084-drain.dwg



USER NAME: m.walsh.grosor  
DESIGNED -  
DRAWN -  
CHECKED -  
DATE -  
PLOT SCALE: 40.0000 1/16"  
PLOT DATE: 5/28/2015

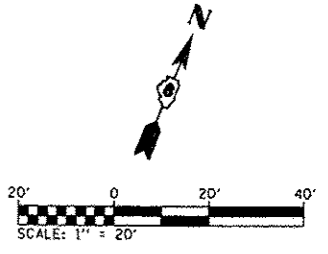
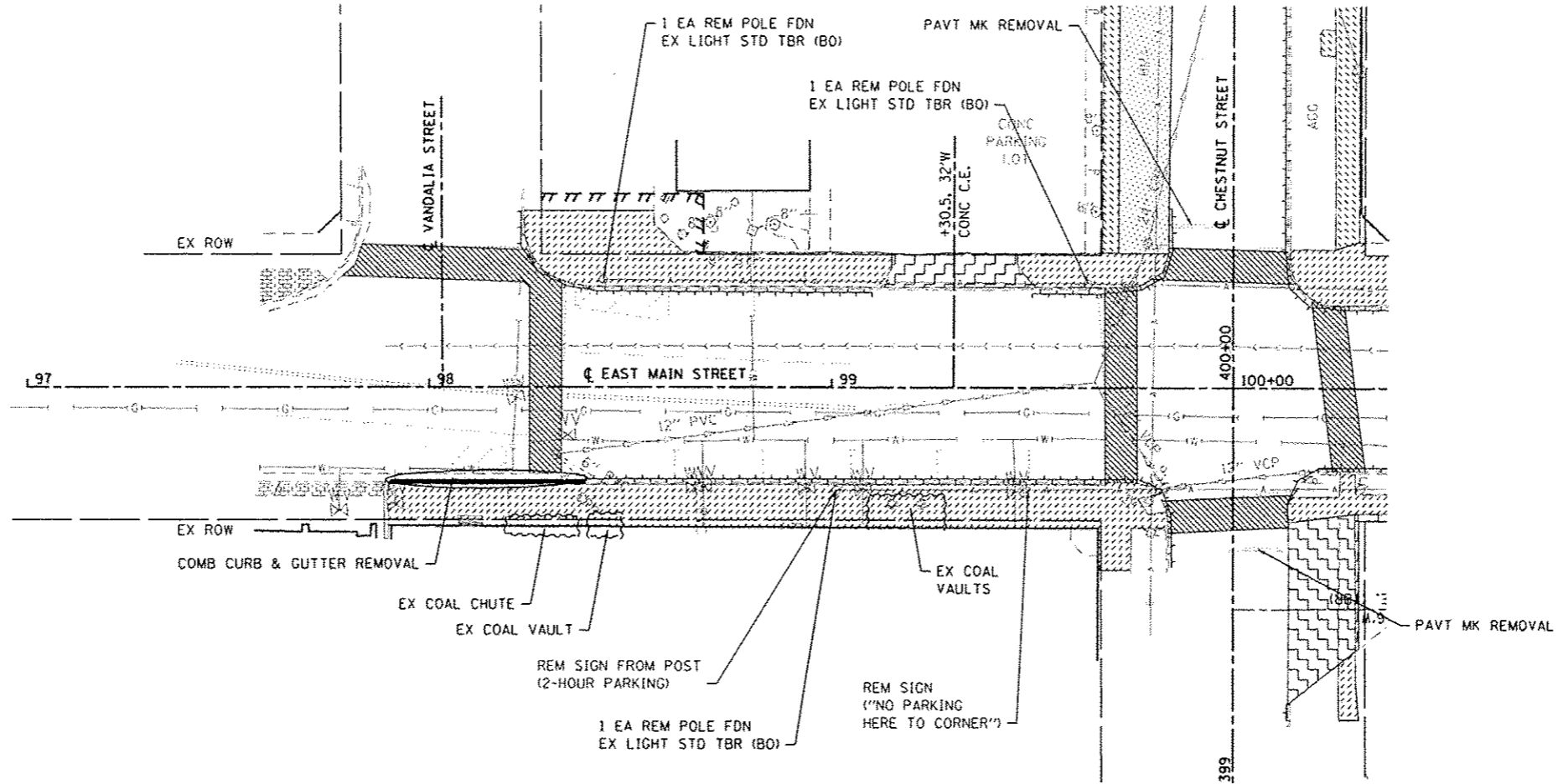
DESIGNED -  
DRAWN -  
CHECKED -  
DATE -  
REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN SHEET

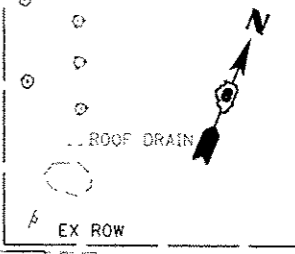
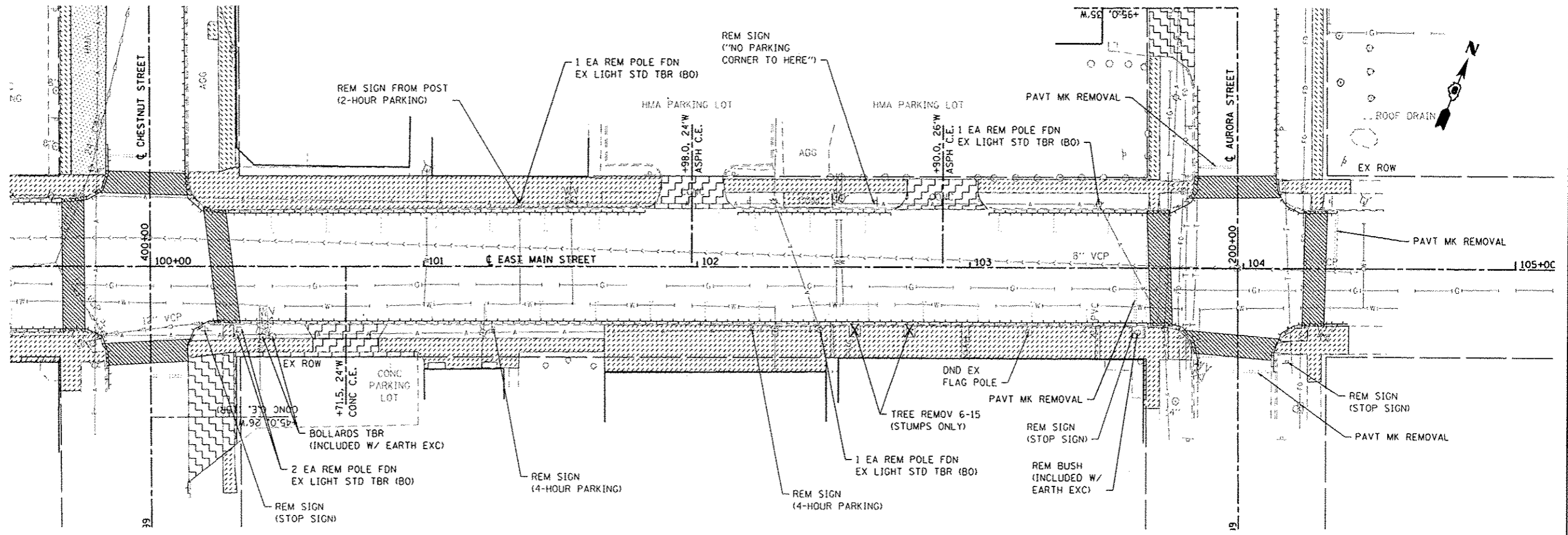
SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-L5	MADISON	56	18
CONTRACT NO. 97603				
ILLINOIS FED. AID PROJECT				



**REMOVAL LEGEND**

- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PAVEMENT REMOVAL
- HMA SURF REM 2
- CURB REMOVAL, SPECIAL



FILE NAME = R:\P\0081\13-00081-04-LS\Drawings\13-00081-04-LS-Rem.dgn

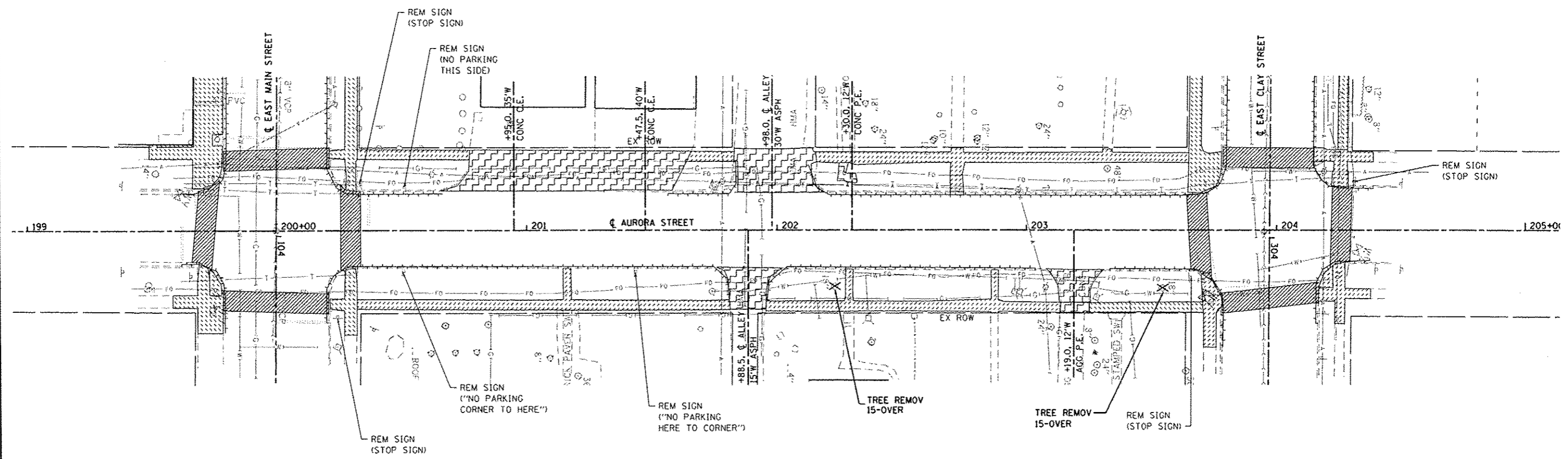
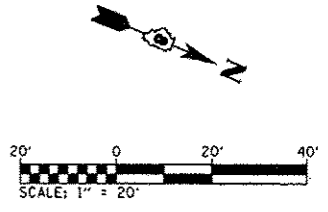


USER NAME = moisio.groser	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 1/2 in.	DRAWN -	REVISED -
PLOT DATE = 5/28/2015	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>REMOVAL SHEETS</b>	
SCALE:	SHEET 1 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	19
			CONTRACT NO. 97603	
ILLINOIS FED. AID PROJECT				



**REMOVAL LEGEND**

- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PAVEMENT REMOVAL
- HMA SURF REM 2
- CURB REMOVAL, SPECIAL

FILE NAME: H:\P\10084\Information\CAD\_Sheets\0810084-1\strm.dgn

**DATES ASSOCIATES**  
Engineering + Architecture  
ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

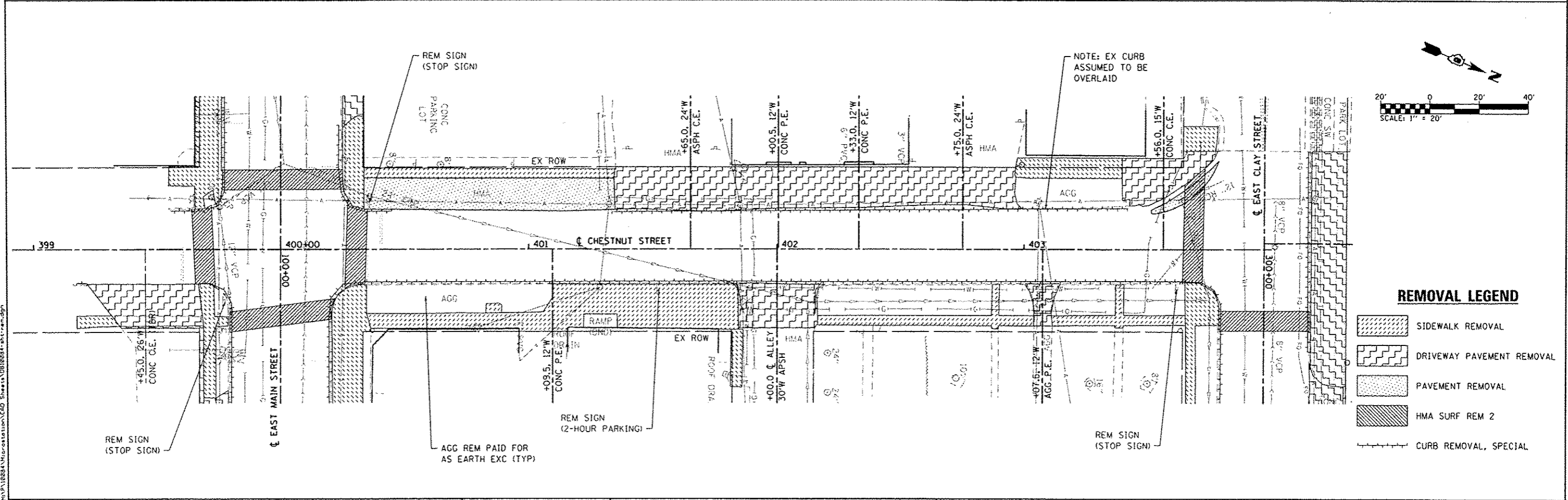
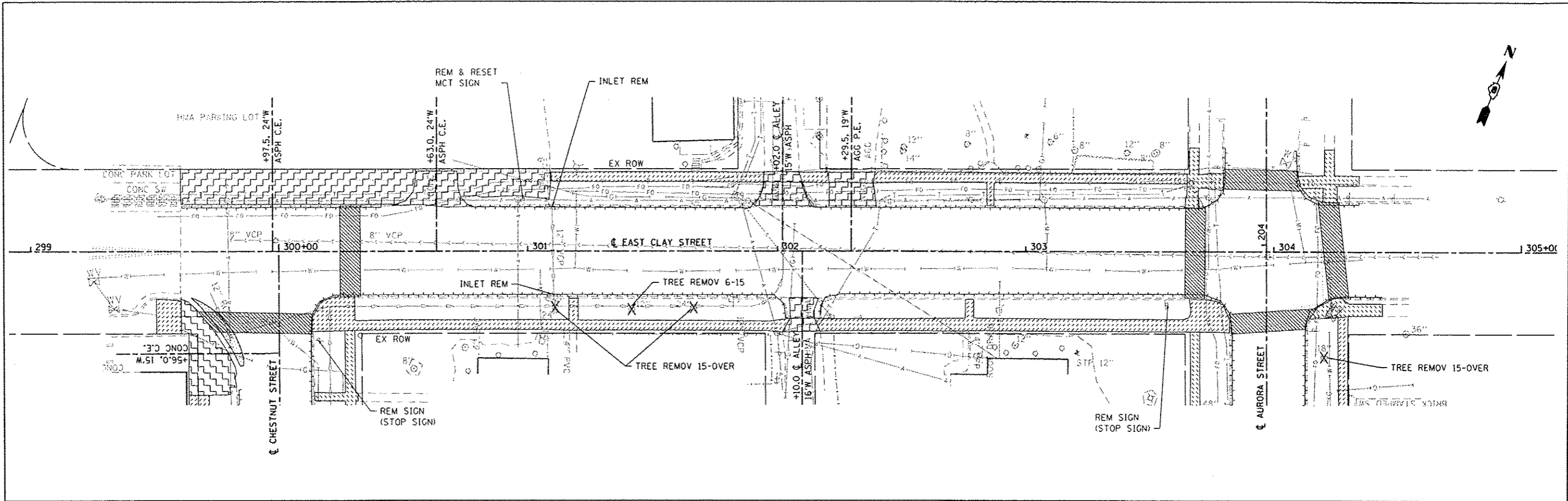
USER NAME = moise.grosar	DESIGNED -	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/28/2015	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL SHEETS**

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	20
			CONTRACT NO. 97603	
ILLINOIS FED. AID PROJECT				



**REMOVAL LEGEND**

	SIDWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	PAVEMENT REMOVAL
	HMA SURF REM 2
	CURB REMOVAL, SPECIAL

FILE NAME: H:\P\10081\13-00081-04-LS\13-00081-04-LS.dwg  
 DATES ASSOCIATES  
 Engineering + Architecture  
 ILLINOIS DESIGN FIRM LICENSE NO: 104.001115

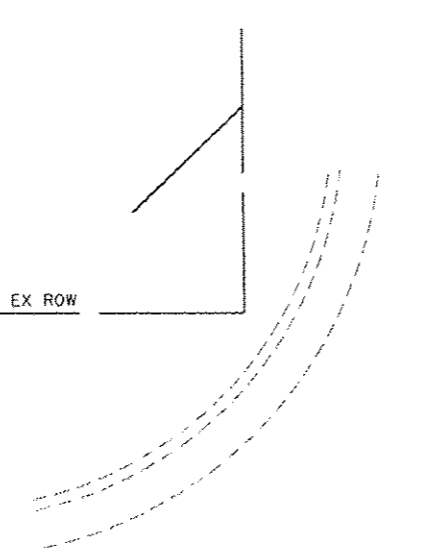
USER NAME: moisa.grover  
 DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -  
 PLOT SCALE: 48.0000' / 1" / 12"  
 PLOT DATE: 5/20/2015

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

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

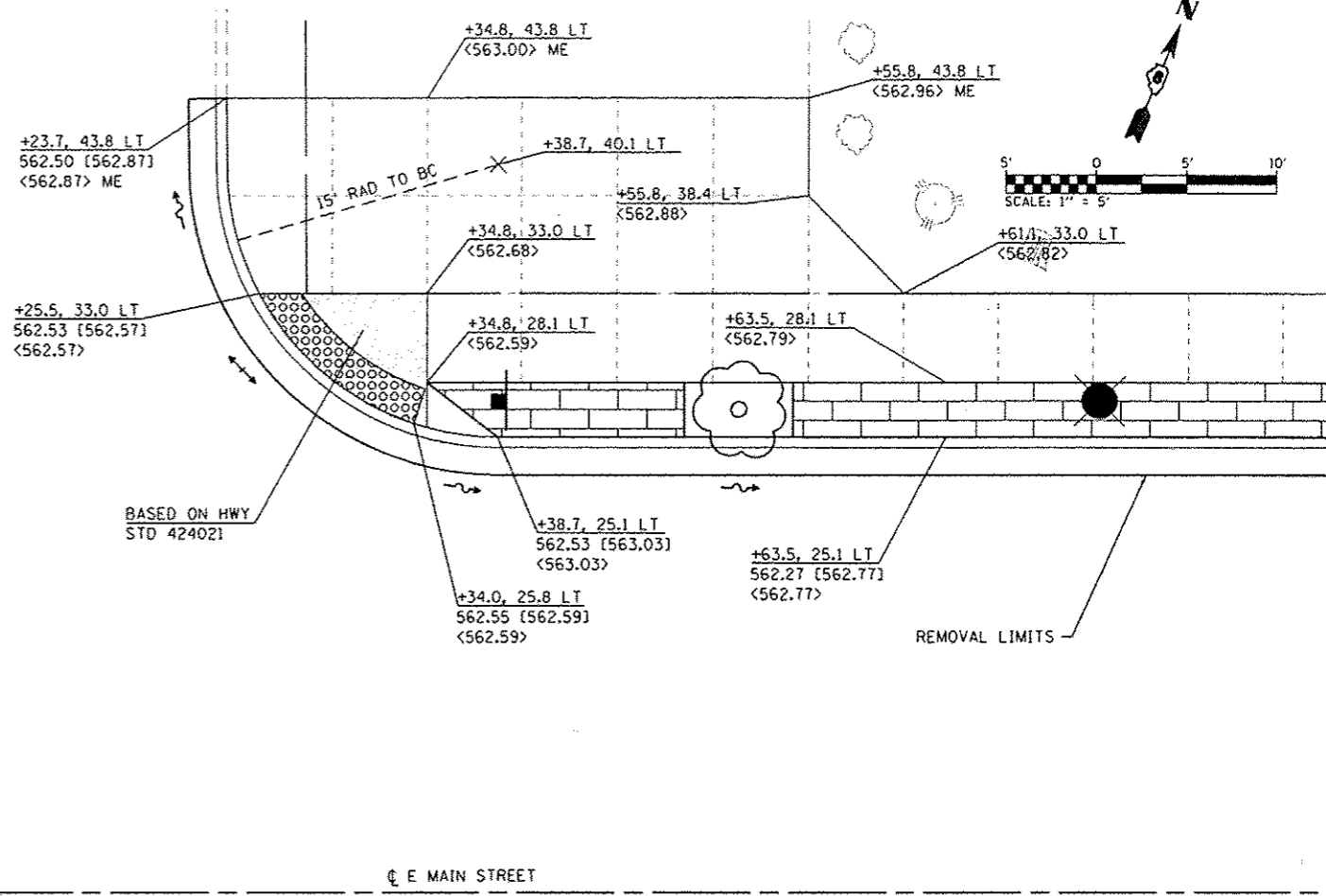
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	21
			CONTRACT NO. 97603	
ILLINOIS FED. AID PROJECT				



**DETAIL LEGEND**

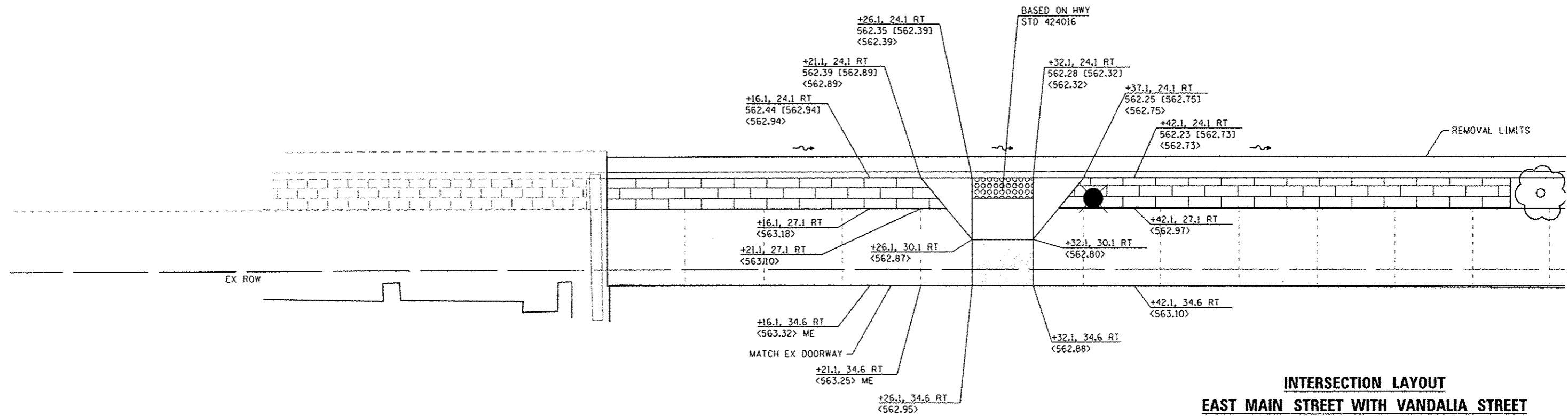
- XXX.XX PAVEMENT/FACE OF CURB
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- [ ] FLAT LANDING AREA (1:50 MAX ALL DIRECTIONS)

NOTE:  
 UTILITIES AND OTHER TOPO FEATURES NOT SHOWN FOR CLARITY PURPOSES. SEE PLAN AND PROFILE SHEETS FOR MORE INFORMATION.



98

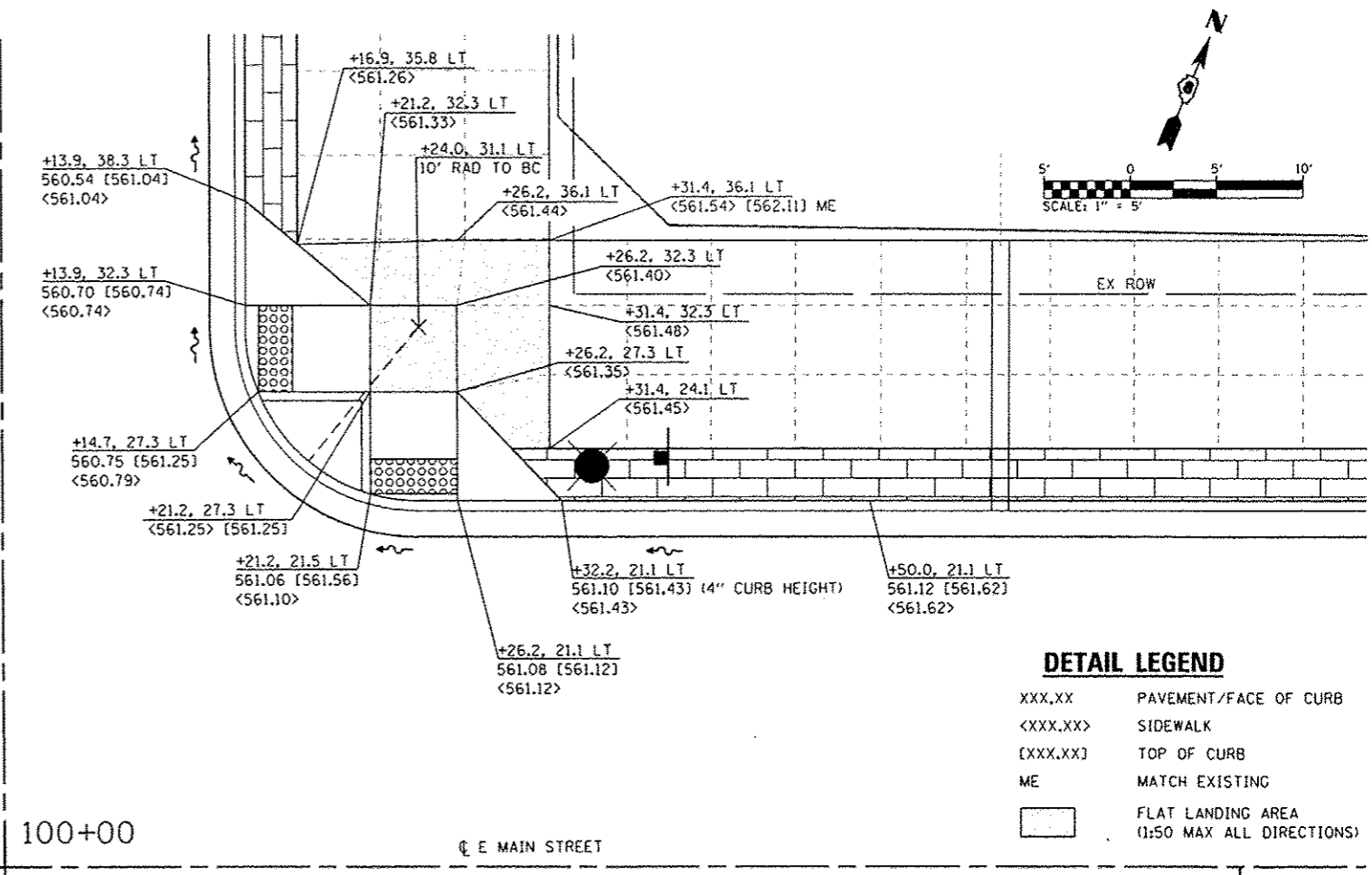
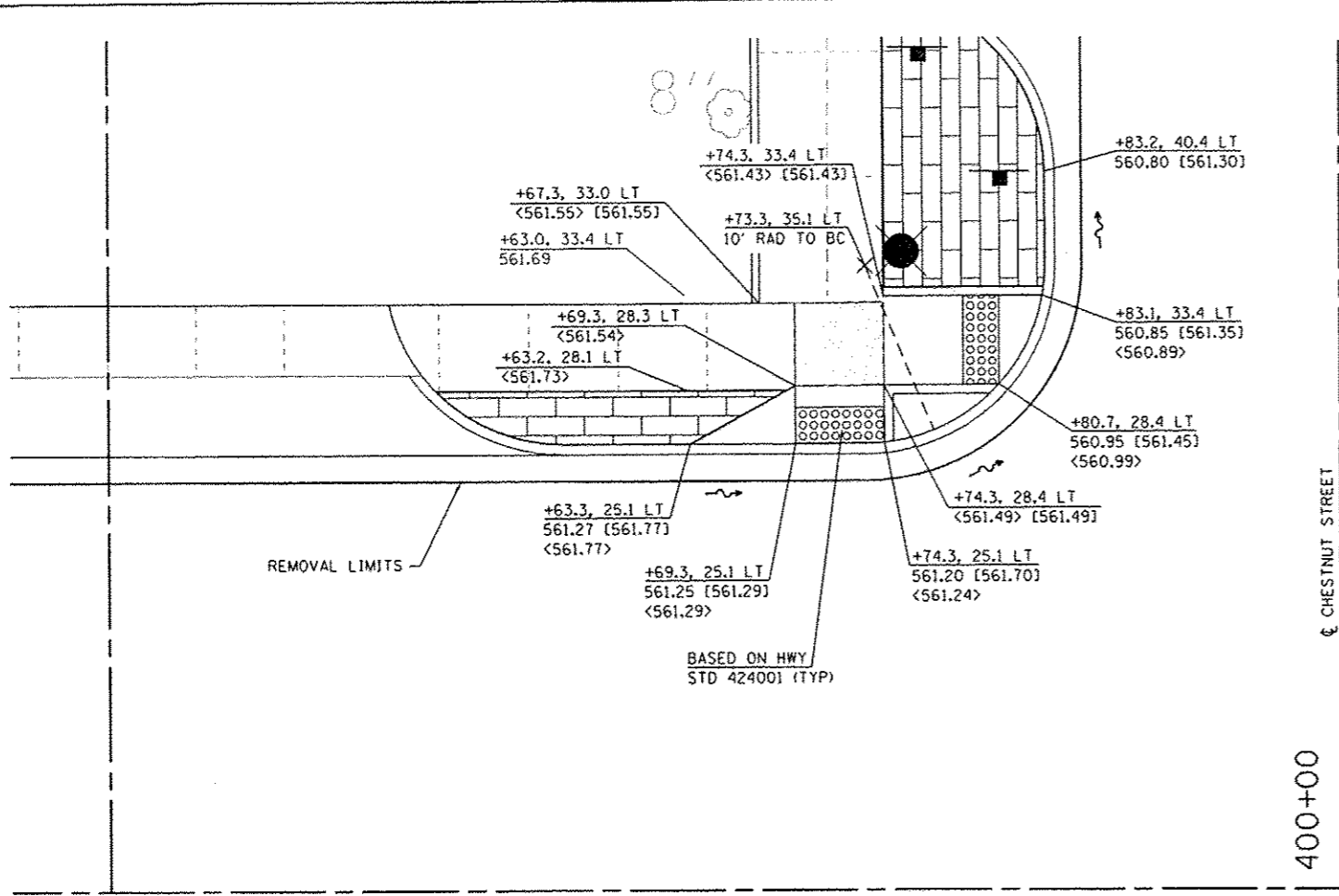
☐ E MAIN STREET



**INTERSECTION LAYOUT  
 EAST MAIN STREET WITH VANDALIA STREET**

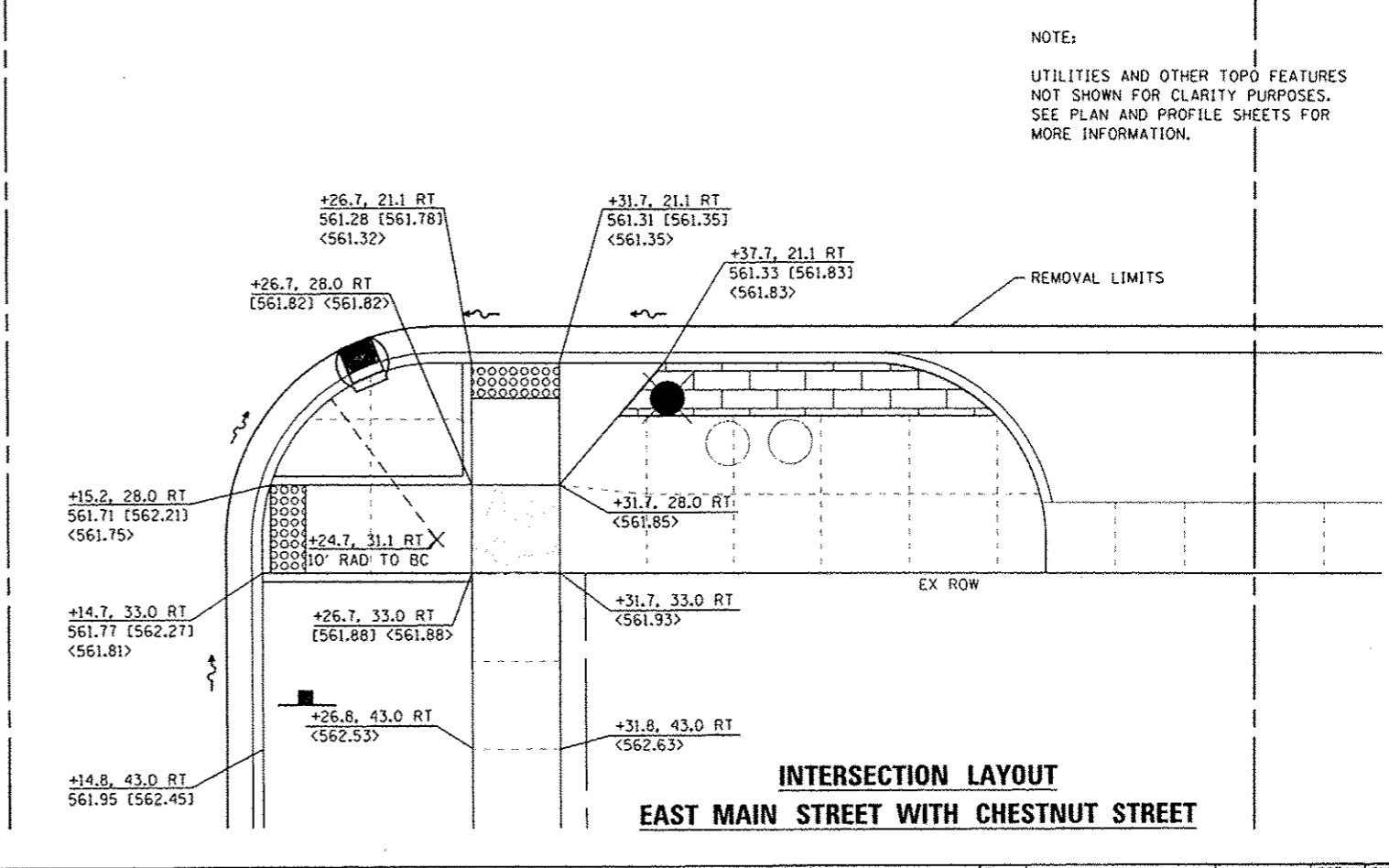
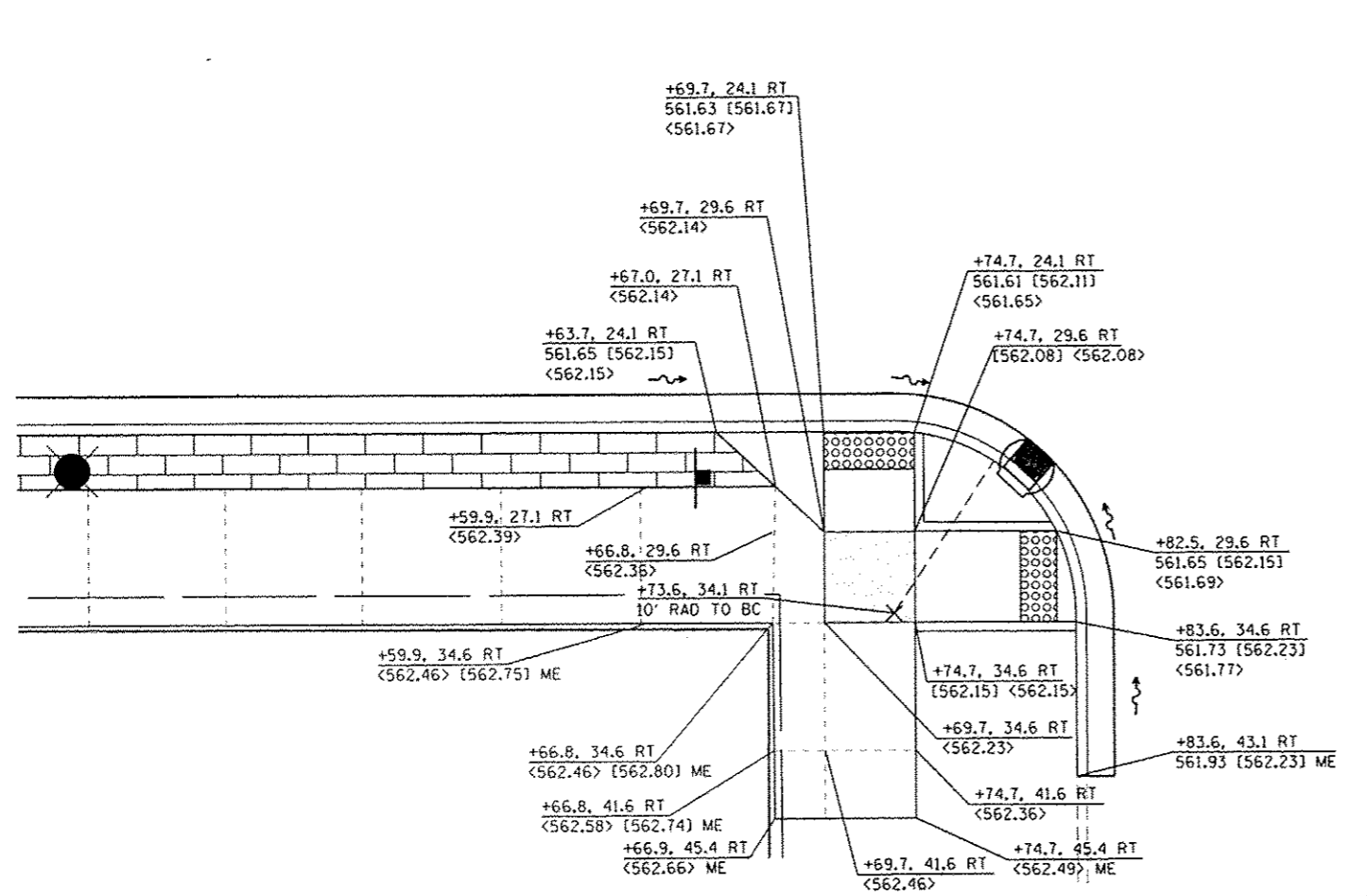
FILE NAME: H:\118894\Information\CAD Sheets\08182815\int.inter.secdgn

<p><b>OATES ASSOCIATES</b>          Engineering + Architecture          ILLINOIS DESIGN FIRM LICENSE NO. 184.001115</p>	USER NAME = molisa.grosser PLOT SCALE = 10.0000 1/4 in. PLOT DATE = 5/26/2015	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>INTERSECTION DETAILS</b>		F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
	SCALE: 1" = 5' SHEET 1 OF 6 SHEETS STA. TO STA.	13-00081-04-LS MADISON 56 22 CONTRACT NO. 97603 ILLINOIS FED. AID PROJECT					



**DETAIL LEGEND**

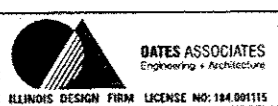
XXX.XX	PAVEMENT/FACE OF CURB
<XXX.XX>	SIDEWALK
[XXX.XX]	TOP OF CURB
ME	MATCH EXISTING
[ ]	FLAT LANDING AREA (1:50 MAX ALL DIRECTIONS)



NOTE:  
UTILITIES AND OTHER TOPO FEATURES NOT SHOWN FOR CLARITY PURPOSES. SEE PLAN AND PROFILE SHEETS FOR MORE INFORMATION.

**INTERSECTION LAYOUT  
EAST MAIN STREET WITH CHESTNUT STREET**

FILE NAME: H:\P\10284\10284\10284.dwg

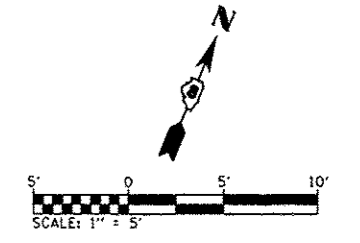
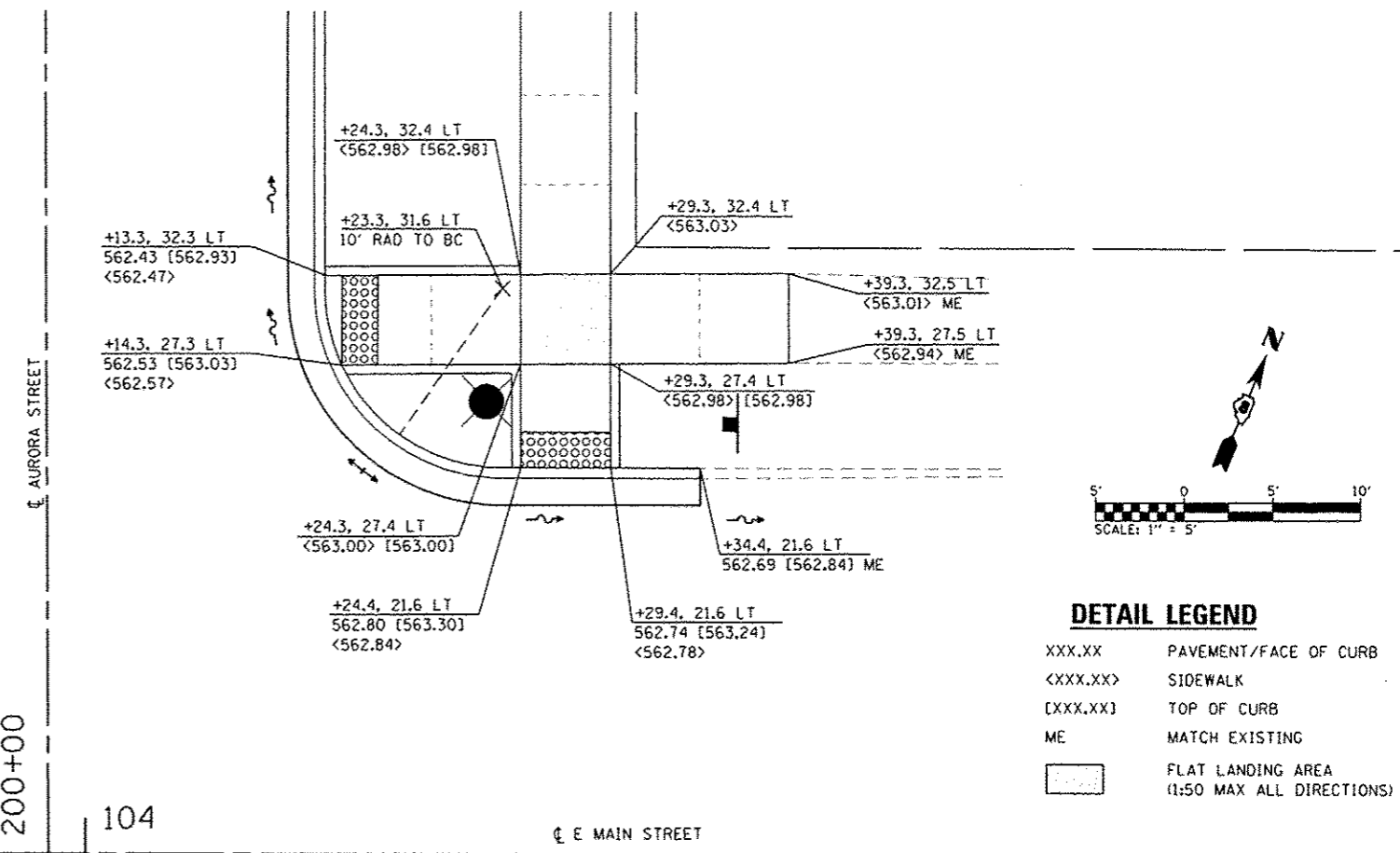
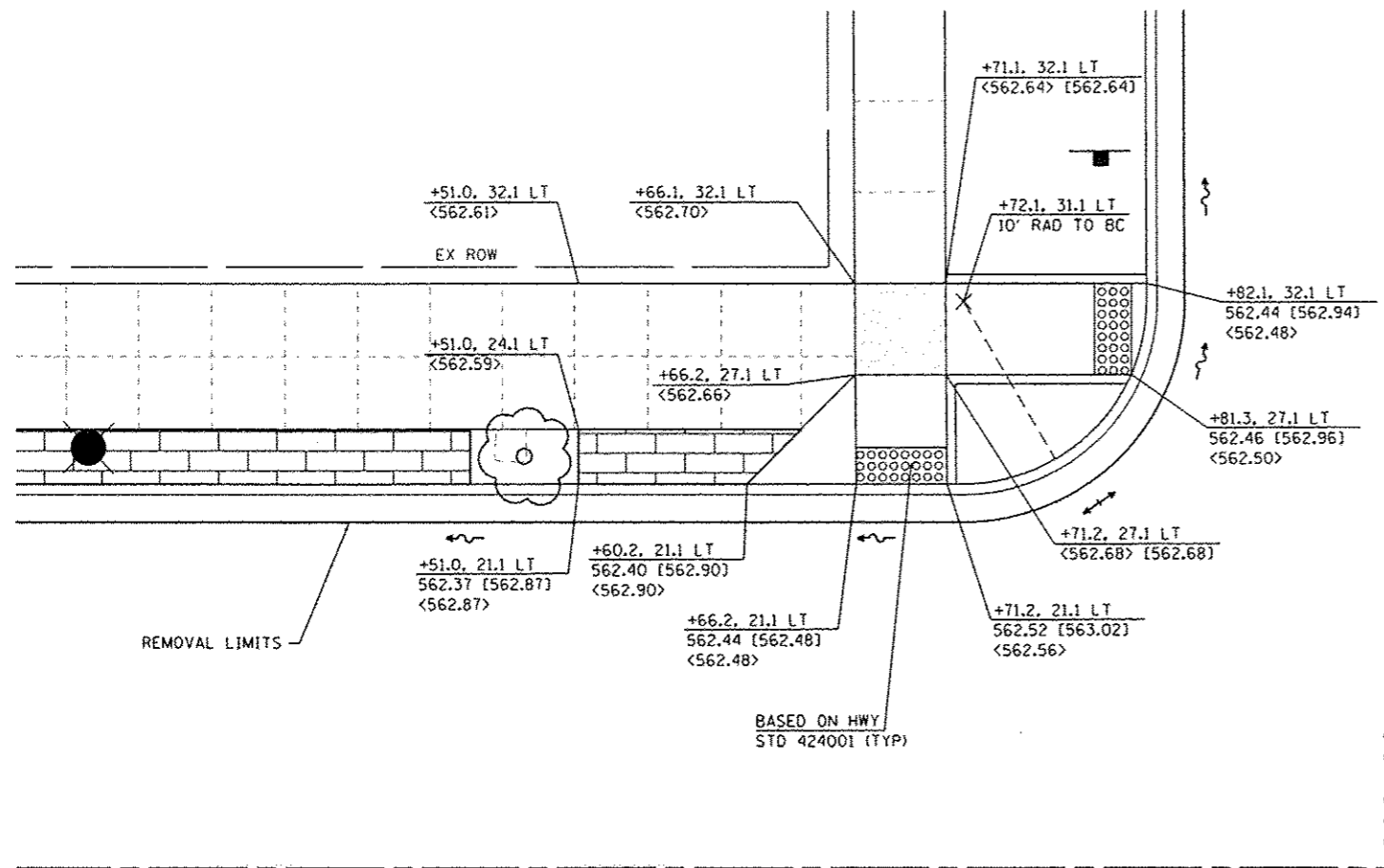


USER NAME = molesgroser	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/28/2015	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>INTERSECTION DETAILS</b>	
SCALE: 1" = 5'	SHEET 2 OF 6 SHEETS
STA.	TO STA.

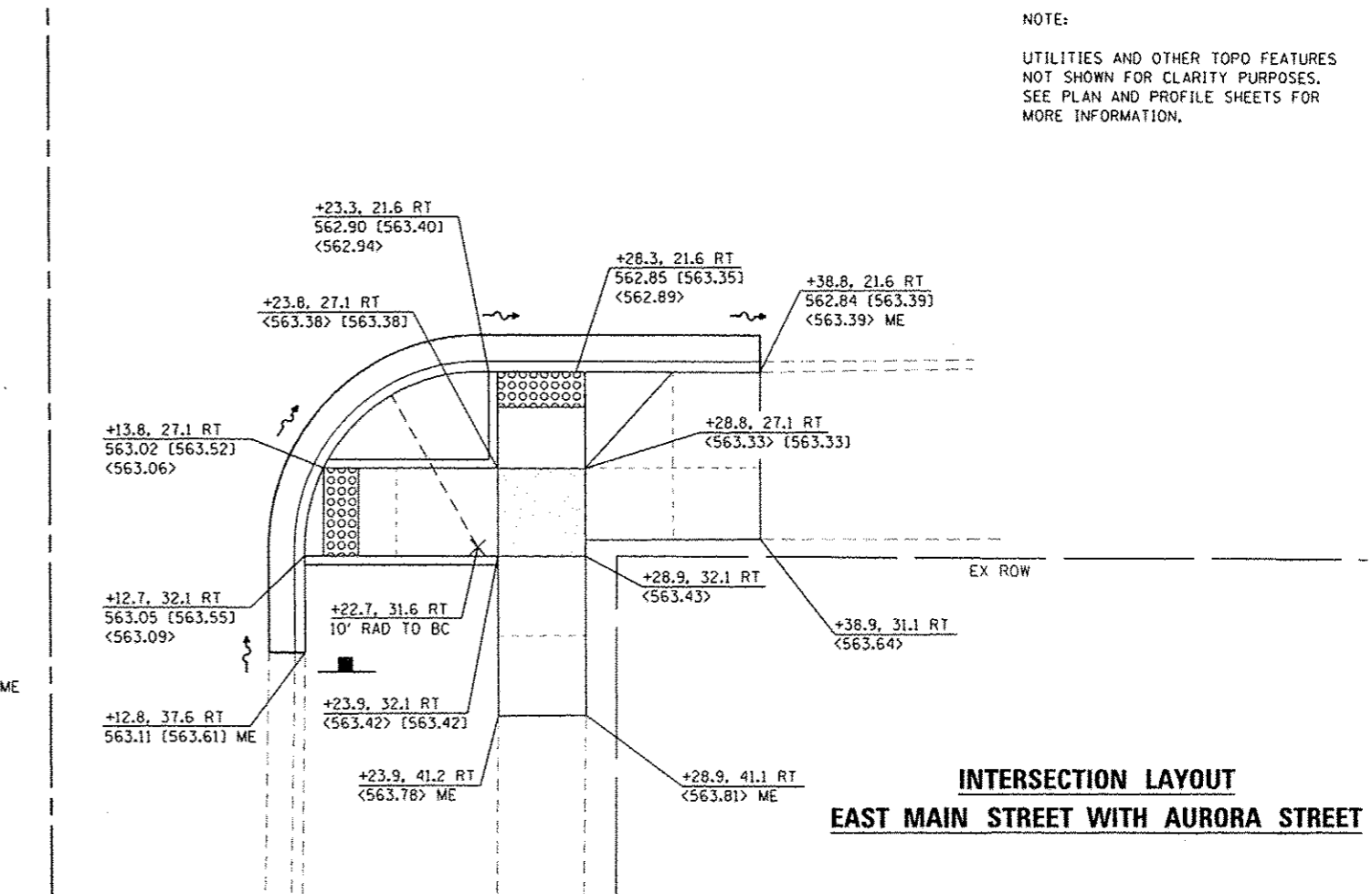
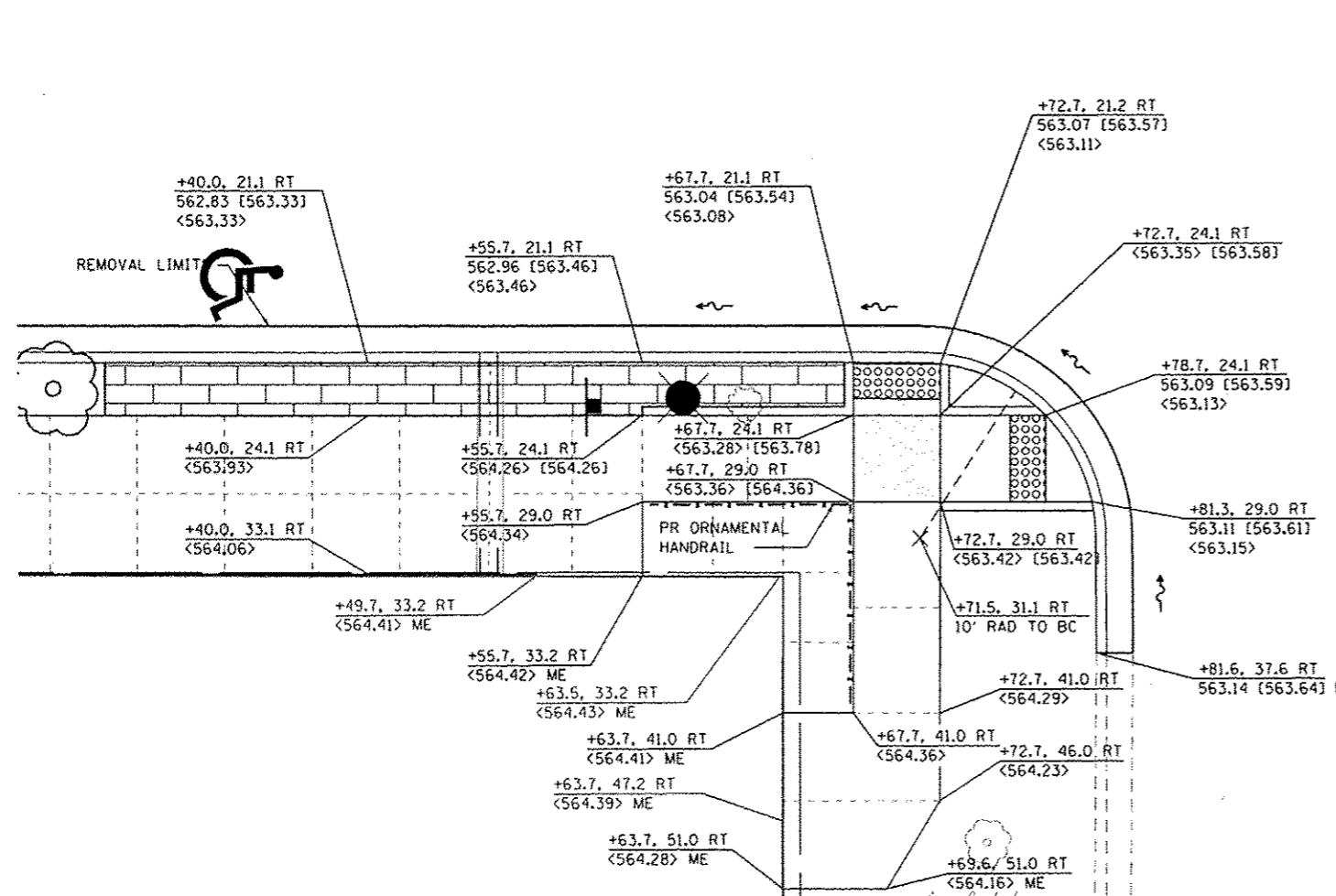
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	23
CONTRACT NO. 97603				
ILLINOIS FED. AID PROJECT				



**DETAIL LEGEND**

XXX.XX	PAVEMENT/FACE OF CURB
<XXX.XX>	SIDEWALK
[XXX.XX]	TOP OF CURB
ME	MATCH EXISTING
[Pattern]	FLAT LANDING AREA (1:50 MAX ALL DIRECTIONS)

NOTE:  
UTILITIES AND OTHER TOPD FEATURES NOT SHOWN FOR CLARITY PURPOSES. SEE PLAN AND PROFILE SHEETS FOR MORE INFORMATION.



**INTERSECTION LAYOUT  
EAST MAIN STREET WITH AURORA STREET**

**DATES ASSOCIATES**  
Engineering & Architecture  
ILLINOIS DESIGN FIRM LICENSE NO. 184.001115

USER NAME : moisia.groser	DESIGNED -	REVISED -
PLOT SCALE : 10,0000 / 1"	DRAWN -	REVISED -
PLOT DATE : 5/28/2015	CHECKED -	REVISED -
	DATE -	REVISED -

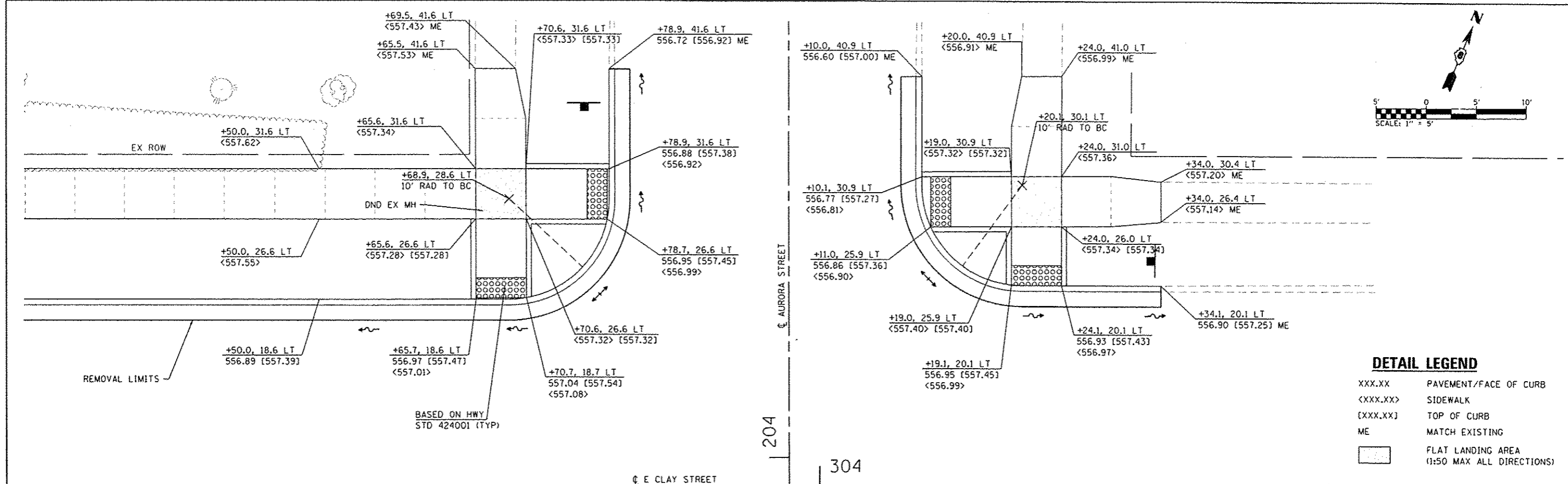
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS**

SCALE: 1" = 5"	SHEET 3 OF 6 SHEETS	STA. TO STA.
----------------	---------------------	--------------

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	24
CONTRACT NO. 97603				
ILLINOIS FED. AID PROJECT				

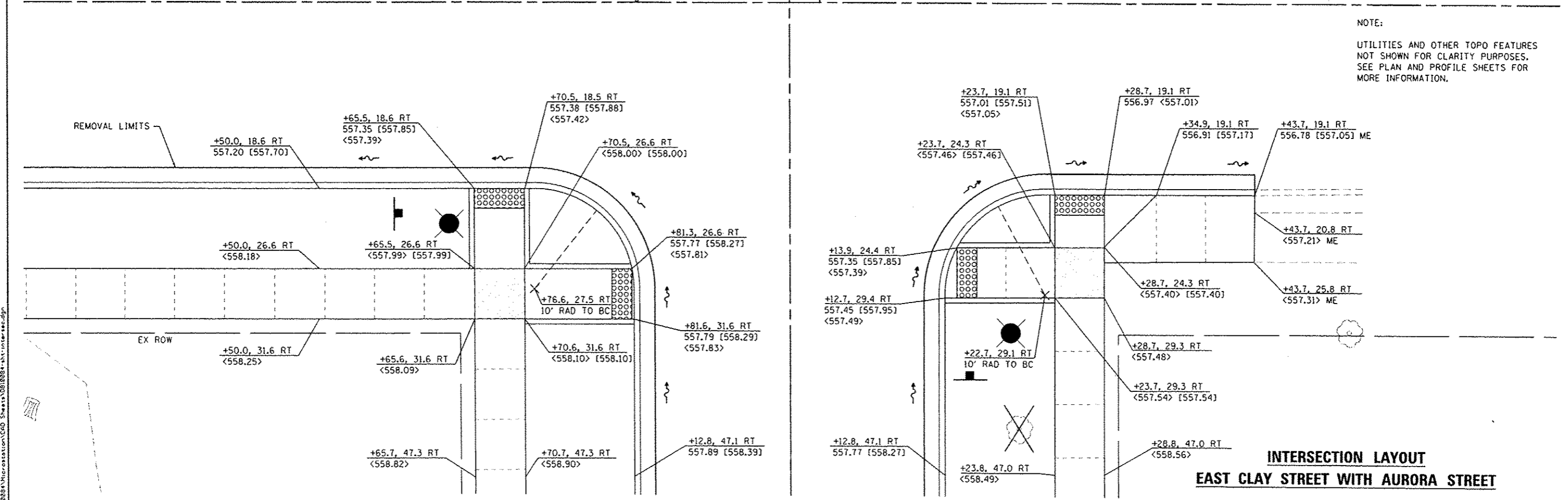




**DETAIL LEGEND**

XXX.XX	PAVEMENT/FACE OF CURB
<XXX.XX>	SIDEWALK
[XXX.XX]	TOP OF CURB
ME	MATCH EXISTING
[ ]	FLAT LANDING AREA (1:50 MAX ALL DIRECTIONS)

NOTE:  
UTILITIES AND OTHER TOPO FEATURES NOT SHOWN FOR CLARITY PURPOSES. SEE PLAN AND PROFILE SHEETS FOR MORE INFORMATION.



**INTERSECTION LAYOUT  
EAST CLAY STREET WITH AURORA STREET**

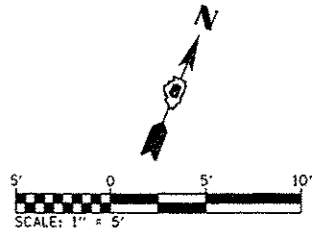


USER NAME = moisse.grasser	DESIGNED -	REVISED -
PLOT SCALE = 1/8"=1'-0"	DRAWN -	REVISED -
PLOT DATE = 5/28/2015	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>INTERSECTION DETAILS</b>	
SCALE: 1" = 5'	SHEET 4 OF 6 SHEETS
STA. _____	TO STA. _____

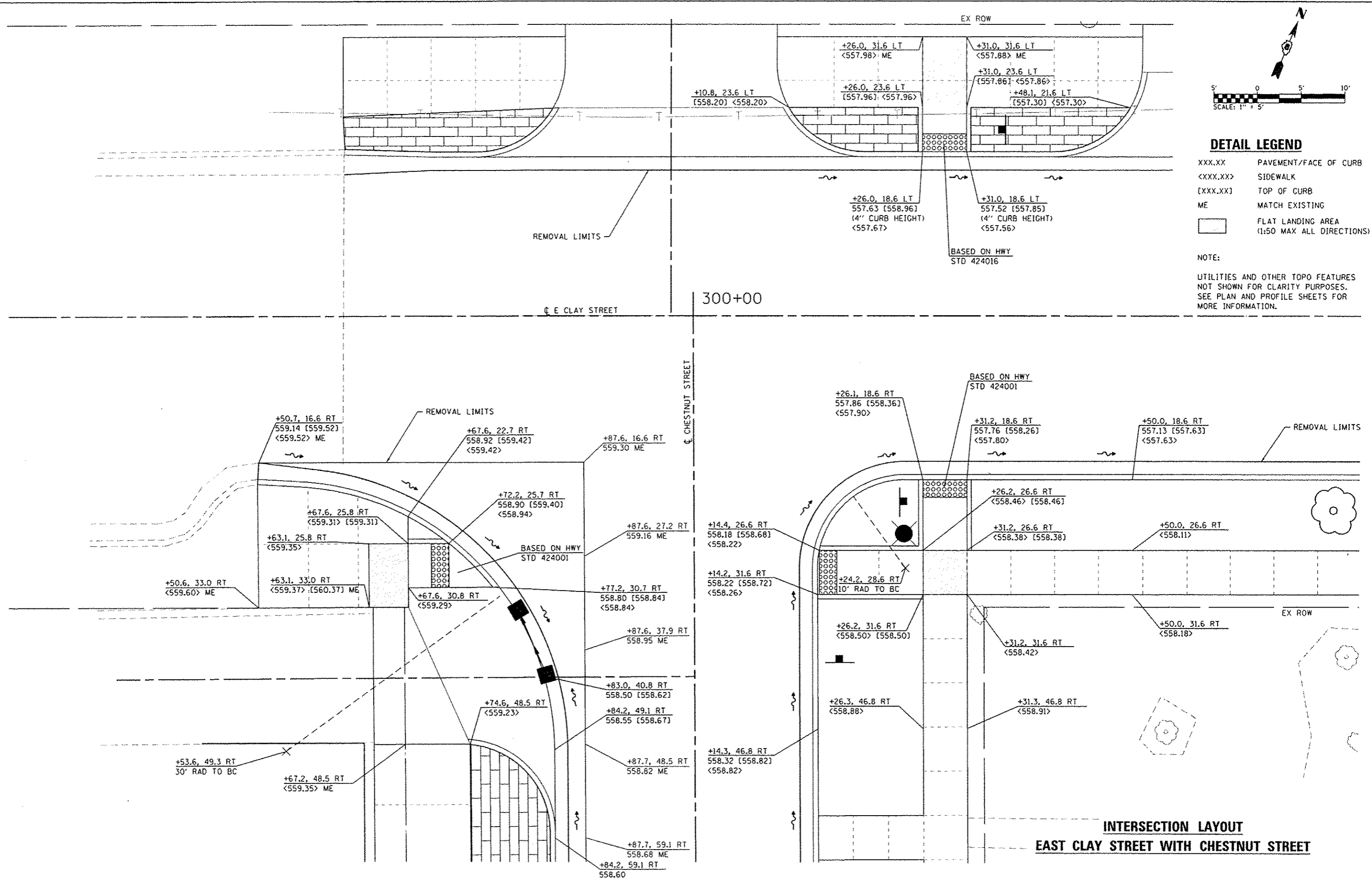
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	25
CONTRACT NO. 97603				
ILLINOIS FED. AID PROJECT				



**DETAIL LEGEND**

- XXX.XX PAVEMENT/FACE OF CURB
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- [ ] FLAT LANDING AREA (1:50 MAX ALL DIRECTIONS)

NOTE:  
 UTILITIES AND OTHER TOPO FEATURES NOT SHOWN FOR CLARITY PURPOSES. SEE PLAN AND PROFILE SHEETS FOR MORE INFORMATION.



**INTERSECTION LAYOUT  
 EAST CLAY STREET WITH CHESTNUT STREET**

FILE NAME: H:\P\18288\18288-04-15\18288-04-15-INT-18288.dgn



USER NAME = mclaire.g...  
 DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

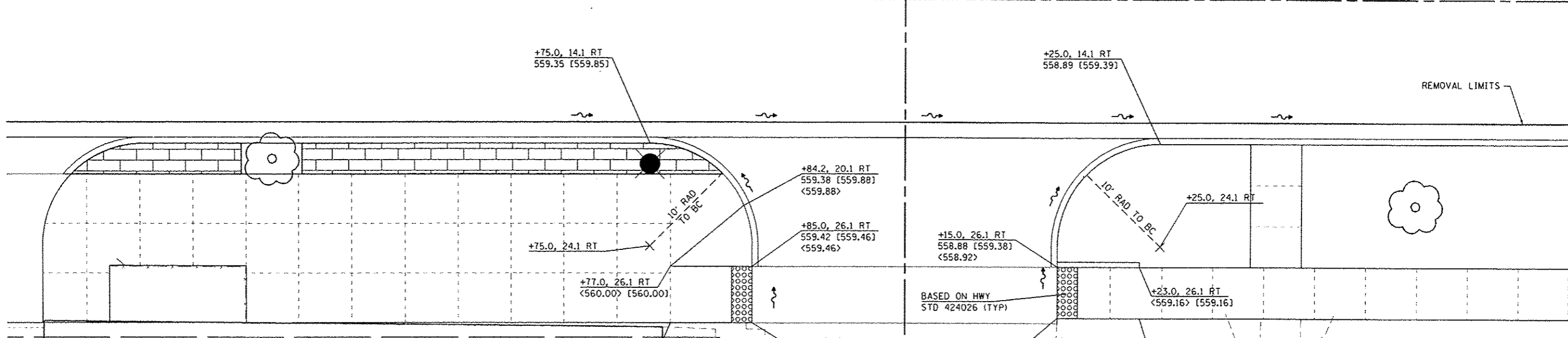
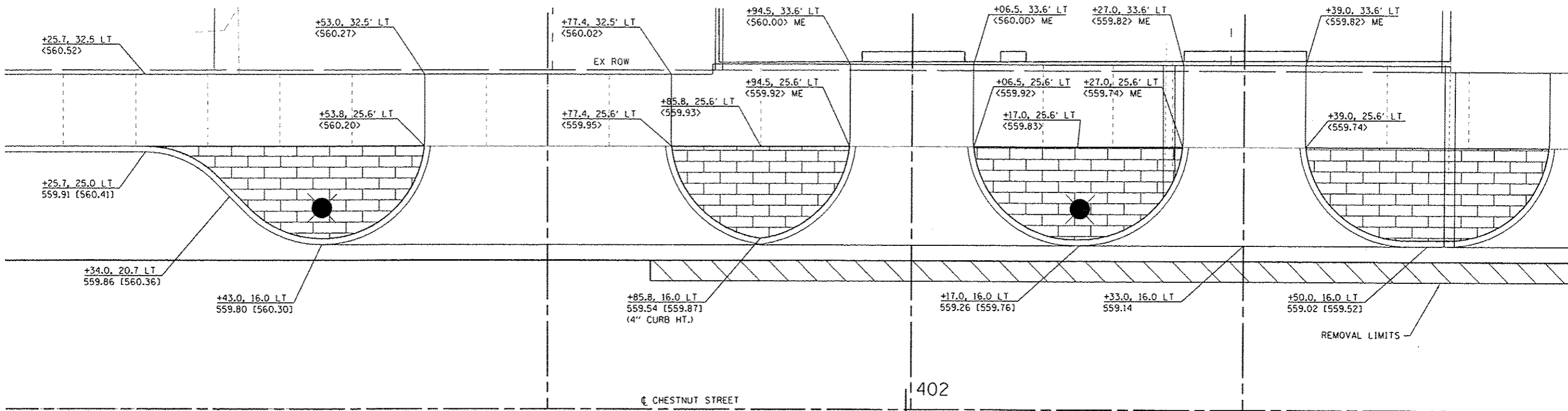
DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVIS...  
 REVIS...  
 REVIS...  
 REVIS...

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS**  
 SCALE: 1" = 5'  
 SHEET 5 OF 6 SHEETS STA. TO STA.

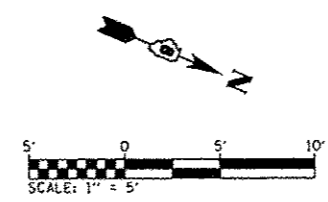
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-15	MADISON	56	26
CONTRACT NO. 97603				
ILLINOIS FED. AID PROJECT				



**DETAIL LEGEND**

- XXX.XX PAVEMENT/FACE OF CURB
- <XXX.XX> SIDEWALK
- [XXX.XX] TOP OF CURB
- ME MATCH EXISTING
- [ ] FLAT LANDING AREA (1:50 MAX ALL DIRECTIONS)

NOTE:  
 UTILITIES AND OTHER TOPO FEATURES NOT SHOWN FOR CLARITY PURPOSES. SEE PLAN AND PROFILE SHEETS FOR MORE INFORMATION.

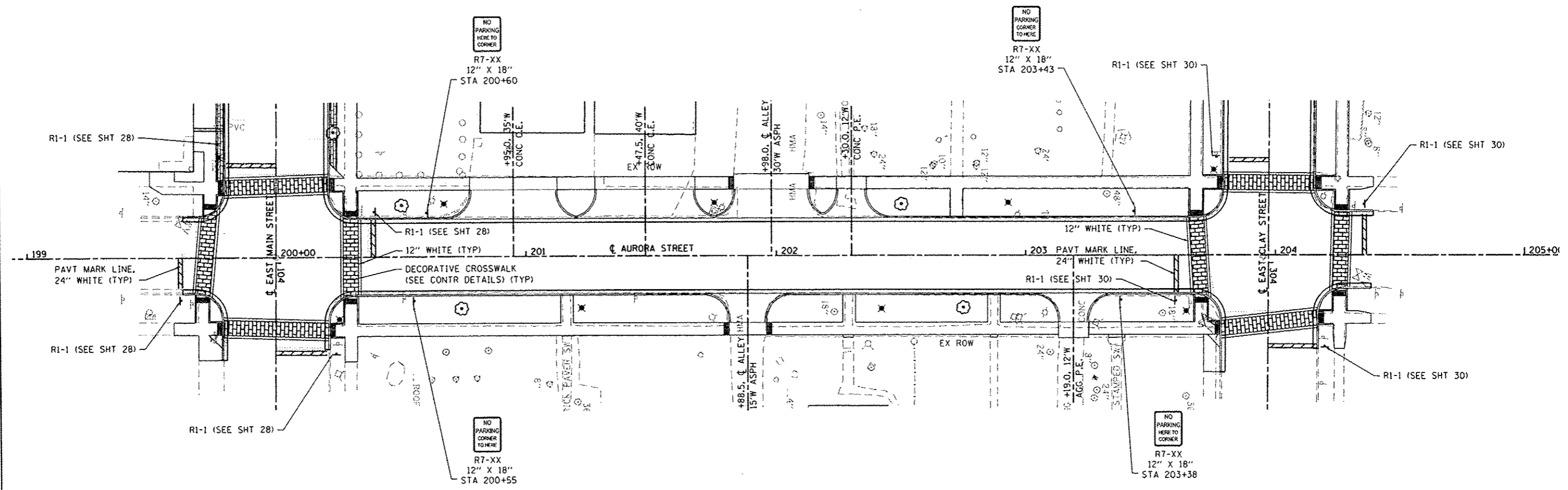
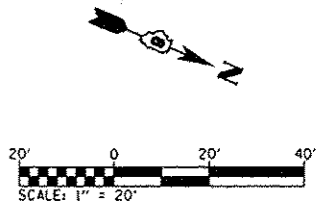


**INTERSECTION LAYOUT  
 CHESTNUT STREET WITH ALLEY**

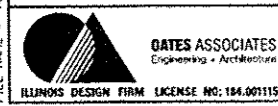
FILE NAME: H:\P\10284\MicroStation\CAD Sheets\10284-1.dwg  
 ILLINOIS DESIGN FIRM LICENSE NO: 184.00115

<b>DATES ASSOCIATES</b> Engineering + Architecture ILLINOIS DESIGN FIRM LICENSE NO: 184.00115	USER NAME = maissie.grasor	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>INTERSECTION DETAILS</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10.0000 1/4" = 1'	DRAWN -	REVISED -		13-00081-04-LS	MADISON	56	27			
	PLOT DATE = 9/20/2015	CHECKED -	REVISED -		SCALE: 1" = 5'    SHEET 6 OF 6 SHEETS    STA.    TO STA.		CONTRACT NO. 97603				
	DATE -	REVISED -				ILLINOIS FED. AID PROJECT					





FILE NAME: H:\P\18083\Microstation\CAD Sheets\08083-181.rpt.plt.dgn



USER NAME = moisia.groser	DESIGNED -	REVISED -
PLOT SCALE = 48,0000 / 1 in.	DRAWN -	REVISED -
PLOT DATE = 5/26/2015	CHECKED -	REVISED -
	DATE -	REVISED -

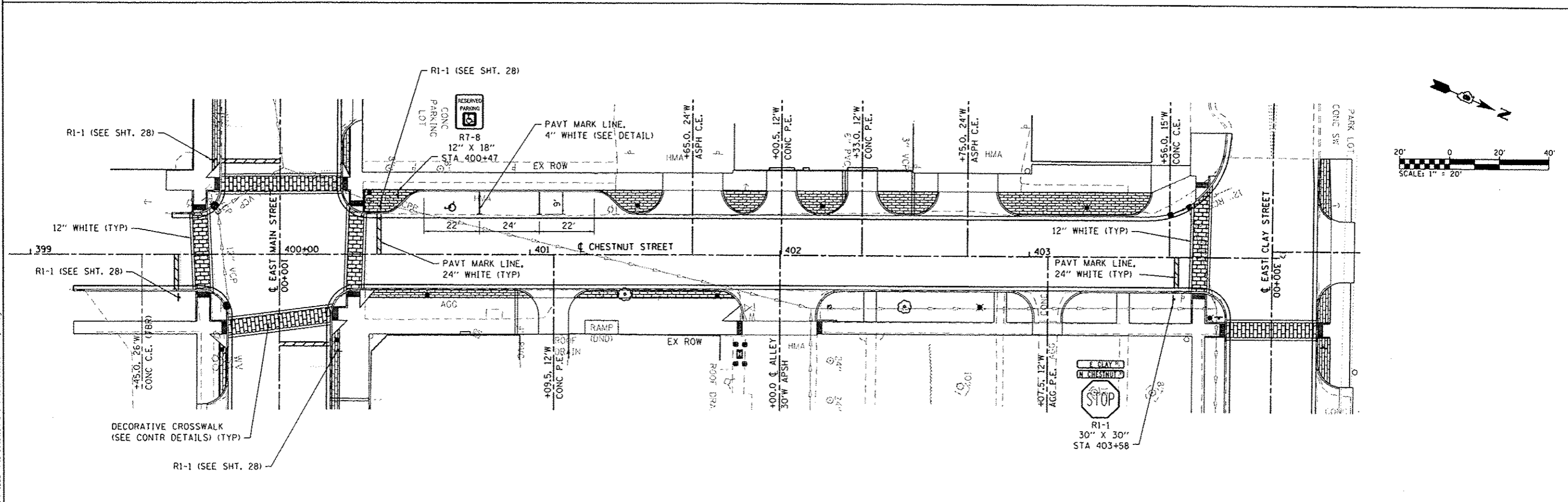
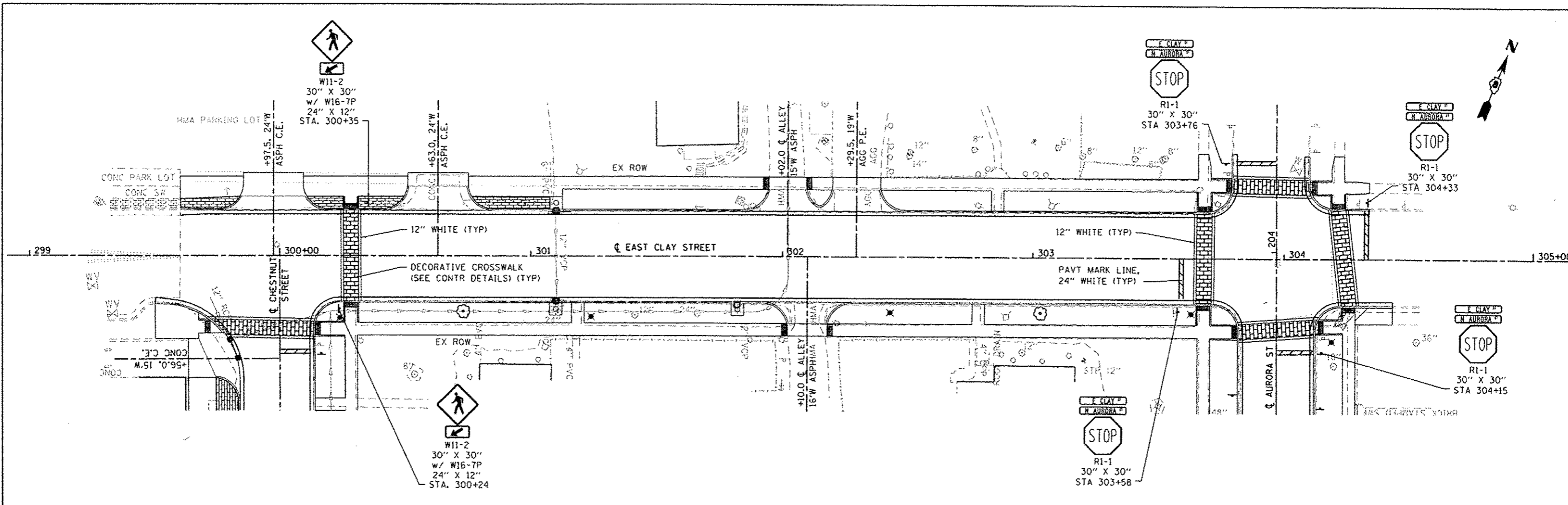
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING SHEETS**

SCALE: 1"=20'    SHEET 2 OF 3 SHEETS    STA.    TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	29
			CONTRACT NO. 97603	
ILLINOIS FED. AID PROJECT				



FILE NAME: H:\P\18288A\Microstation\GD\_Sheet\081828A-sh1.pnk.dgn



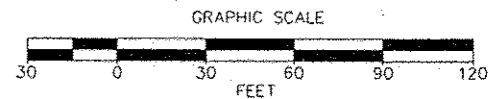
USER NAME: moisie.groser	DESIGNED -	REVISED -
PLOT SCALE: 1/8" = 1' (1/8")	DRAWN -	REVISED -
PLOT DATE: 5/28/2015	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

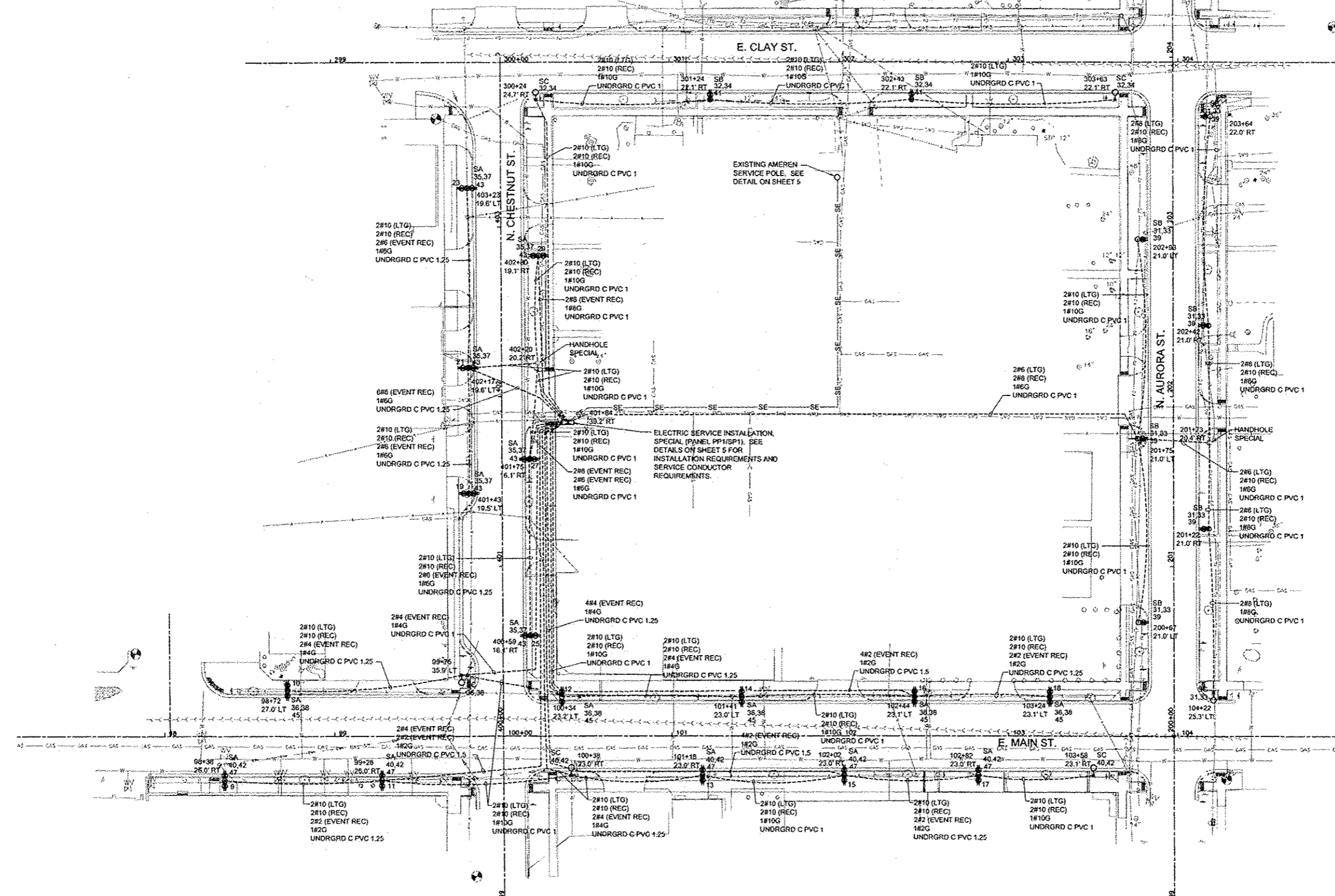
**PAVEMENT MARKING AND SIGNING SHEETS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	30
CONTRACT NO. 97603			ILLINOISIFIED AID PROJECT	



NOTE:  
CONTRACTOR SHALL FIELD VERIFY POT HOLE ALL  
UNDERGROUND UTILITIES PRIOR TO EXCAVATION  
FOR POLE FOUNDATIONS.



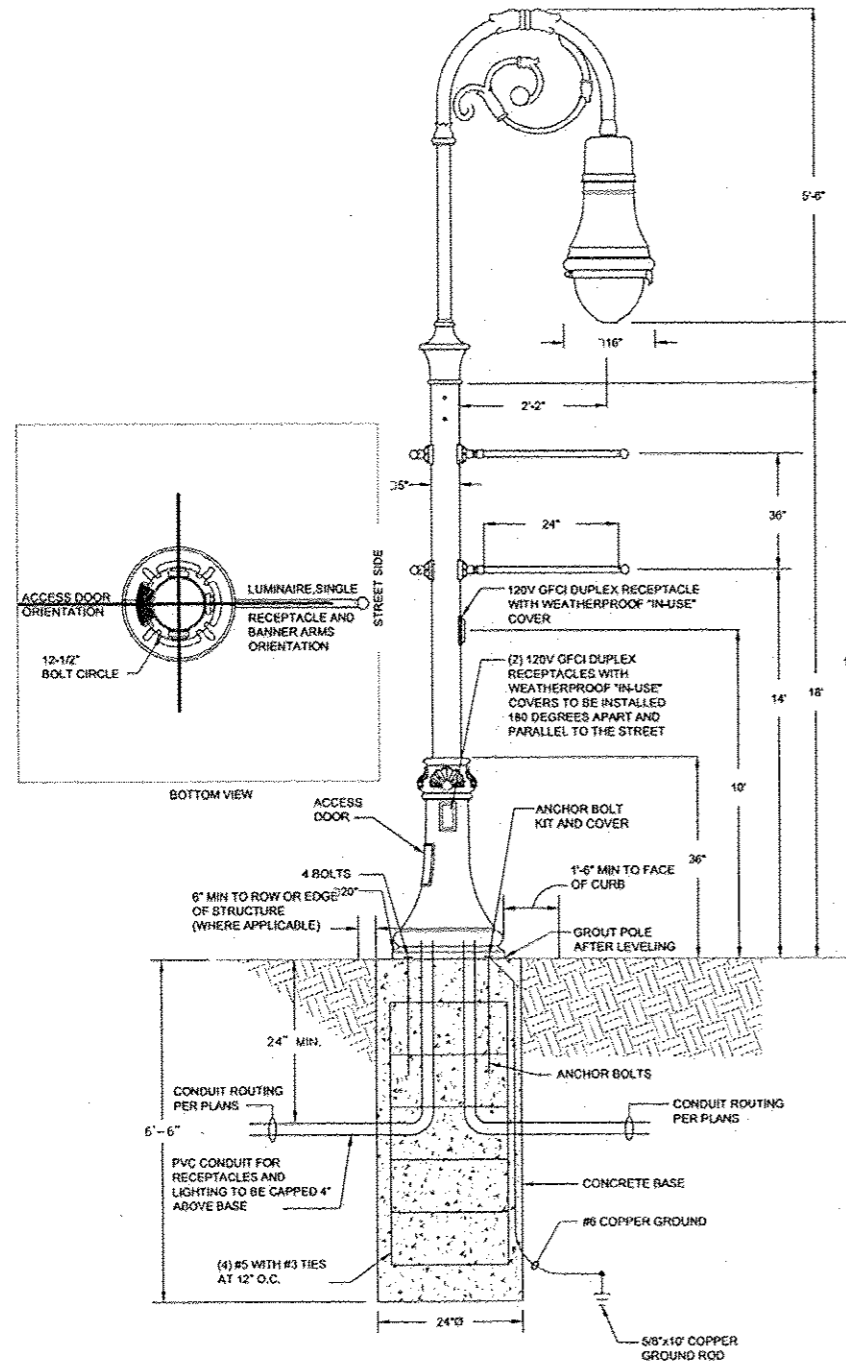
- SYMBOLS LEGEND**
- 17 SA 19.21 31 POST TOP FIXTURE WITH GFI DUPLEX RECEPTACLE  
"SB" INDICATES FIXTURE TYPE  
"19.21" INDICATES LIGHTING CIRCUIT NUMBERS  
"31" INDICATES UPPER RECEPTACLE CIRCUIT NUMBER  
"17" INDICATES LOWER RECEPTACLE CIRCUIT NUMBER
  - 19.21 31 POST TOP FIXTURE WITH GFI DUPLEX RECEPTACLE  
"SA" INDICATES FIXTURE TYPE  
"19.21" INDICATES LIGHTING CIRCUIT NUMBERS  
"31" INDICATES UPPER RECEPTACLE CIRCUIT NUMBER
  - SC 19.21 DECORATIVE ROADWAY FIXTURE WITH GFI DUPLEX RECEPTACLE  
"SC" INDICATES FIXTURE TYPE  
"19.21" INDICATES LIGHTING CIRCUIT NUMBERS
  - UNDRGRD CONDUIT
  - ⊕ HANDHOLE
  - ⊕ PROPOSED CONTROLLER LOCATION
  - SE --- SE UNDRGRD PVC OR STEEL SERVICE ENTRANCE CONDUIT

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

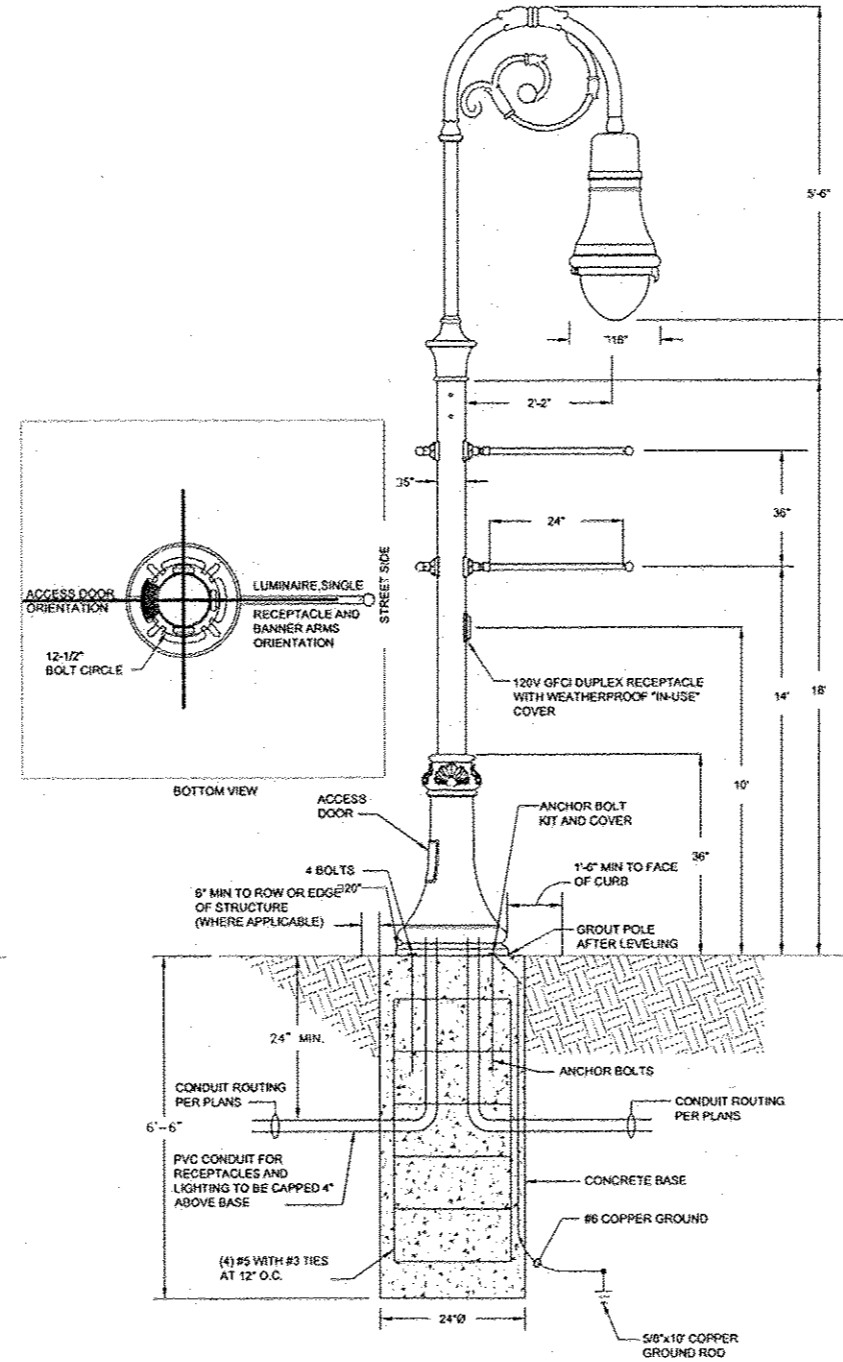
STREETSCAPE LIGHTING PLAN

FILE NAME = H:\P\10004\from BRCC\Collinsville PH 4 E Sheets 01-20-15\E Sheets.dwg	USER NAME = DESIGNED -- JEN DRAWN -- JEN CHECKED -- RJD PLOT DATE = 1/26/2015	REVISED -- REVISED -- REVISED -- REVISED --	SCALE: 1"=30'	SHEET NO. 1 OF 5 SHEETS	STA. 99+00 TO STA. 404+00	F.A.P. RITE.	SECTION 13-000B1-04-LS	COUNTY MADISON	TOTAL SHEETS 56	SHEET NO. 31	CONTRACT NO. 97603	ILLINOIS FED. AID PROJECT
--	---	--	---------------	-------------------------	---------------------------	--------------	---------------------------	-------------------	--------------------	-----------------	--------------------	---------------------------

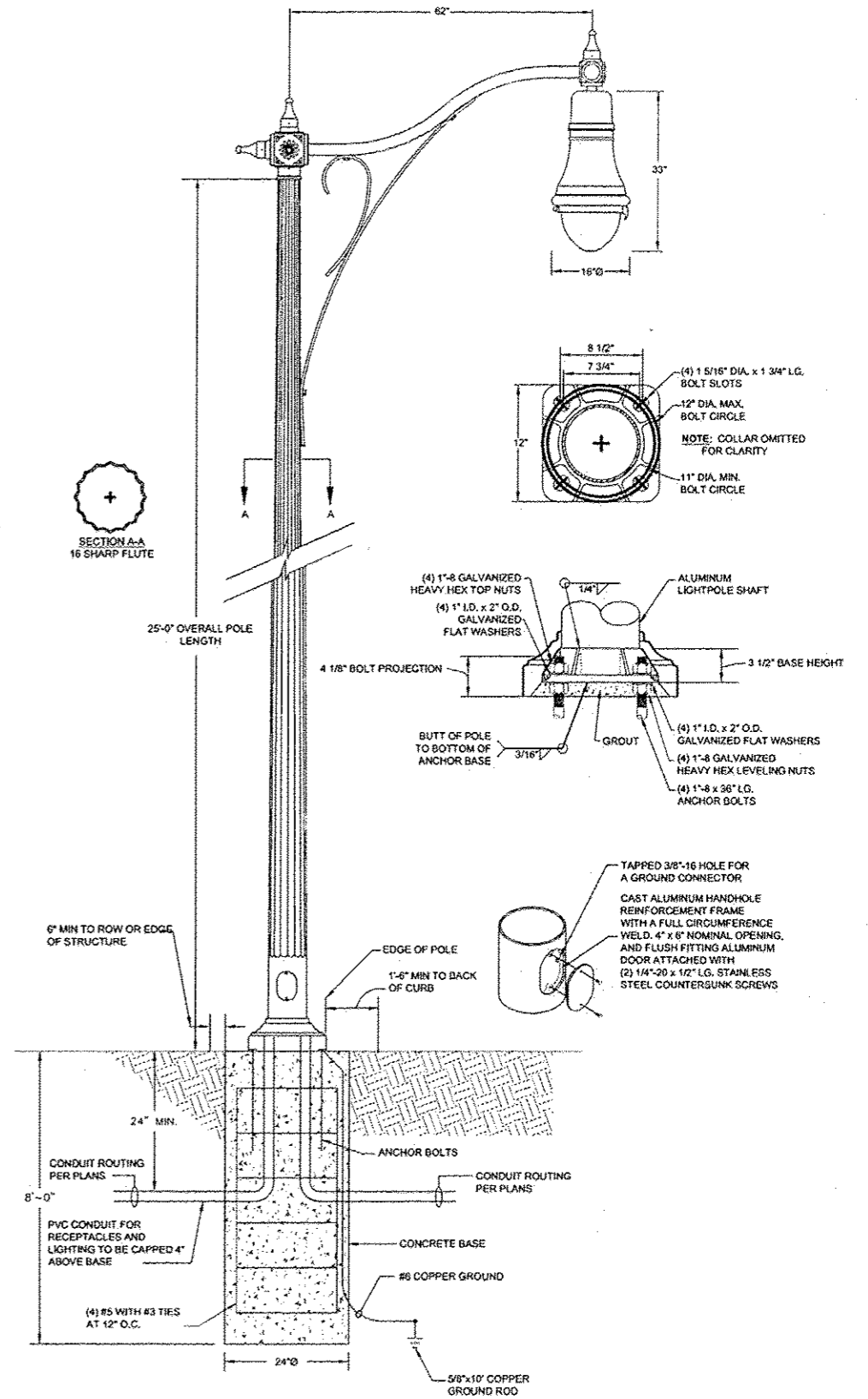
LIGHT FIXTURE SCHEDULE					
TYPE	MANUFACTURER & CATALOG No.	VOLTAGE	LAMPS	MOUNTING	DESCRIPTION & REMARKS
SA	HCI F 187-L-EPC-250PSMH-QT-8L3-A361-1A-MOD P454-5PC-18-SRT-2DRT-BA1-8BMX2-RAL9011	240	(1) 250W PSMH	POLE	CITY OF COLLINSVILLE STANDARD FIXTURE. SEE DETAIL ON THIS SHEET FOR INSTALLATION. PROVIDE (1) GFCI RECEPTACLE AT 10'-0" ABOVE FINISHED GRADE WITH "IN-USE" WP RECEPTACLE COVER AND (2) GFCI RECEPTACLES AT 2'-0" ABOVE FINISHED GRADE WITH "IN-USE" WP RECEPTACLE COVER. PROVIDE FUSING AND SURGE SUPPRESSORS IN BASE.
SB	HCI F 187-L-EPC-250PSMH-QT-8L3-A361-1A-MOD P454-5PC-18-SRT-BA1-8BMX2-RAL9011	240	(1) 250W PSMH	POLE	CITY OF COLLINSVILLE STANDARD FIXTURE. SEE DETAIL ON THIS SHEET FOR INSTALLATION. PROVIDE (1) GFCI RECEPTACLE AT 10'-0" ABOVE FINISHED GRADE WITH "IN-USE" WP RECEPTACLE COVER. PROVIDE FUSING AND SURGE SUPPRESSORS IN BASE.
SC	HCI F 187-L-EPC-250PSMH-8R3-QT(240)-RAL9011 WITH A377-1A-RAL9011 ARM AND VALMONT POLE COA-8-16S-6-L-250-P2-BK-8CAS-DL	240	(1) 250W PSMH	POLE	DECORATIVE ARM MOUNT FIXTURE. SEE DETAIL ON THIS SHEET FOR POLE BASE. PROVIDE FUSING IN BASE.



DECORATIVE LIGHT TYPE A INSTALLATION DETAIL  
NO SCALE



DECORATIVE LIGHT TYPE B INSTALLATION DETAIL  
NO SCALE



DECORATIVE LIGHT TYPE C INSTALLATION DETAIL  
NO SCALE

FILE NAME -	USER NAME -	DESIGNED - JEN	REVISED -
H:\P\10084\from BRIC\Collinsville PH 4 E S	jeff 01-29-15\JE Sheets.dwg	DRAWN - JEN	REVISED -
	PLOT SCALE -	CHECKED - RJD	REVISED -
	PLOT DATE - 1/26/2015	DATE - 9/12/13	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FIXTURE DETAILS AND SCHEDULE

AS NOTED SHEET NO. 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	32
CONTRACT NO. 97603				
ILLINOIS FED. AID PROJECT				

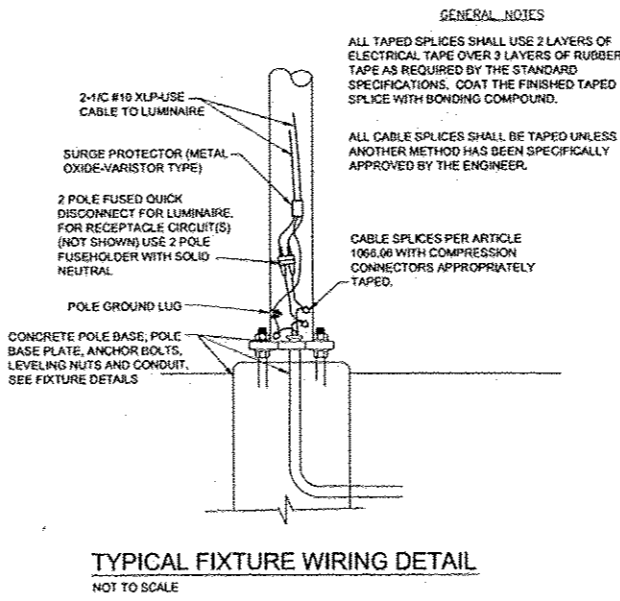


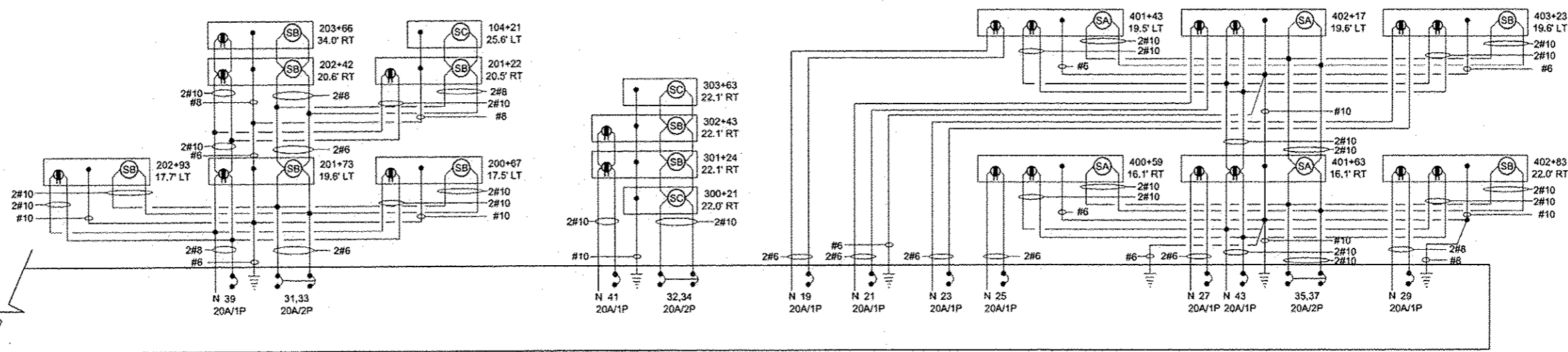
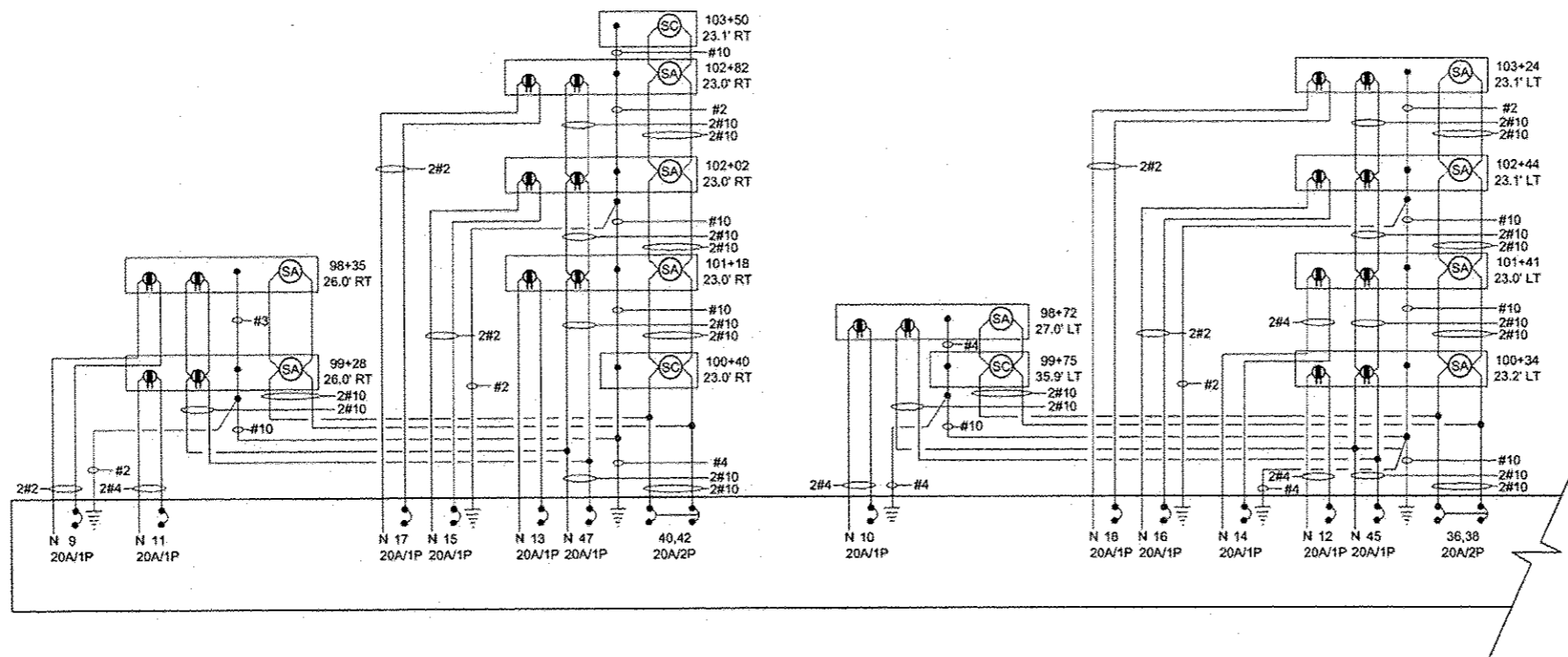
SUMMARY OF RACEWAY AND COND.									
LOCATION		CONDUCTORS (FT)					CONDUIT (FT)		
FROM	TO	#2	#4	#6	#8	#10	1"	1.25"	1.5"
88+38	99+28	309				412		97	
26.0' RT	26.0' RT								
99+28	100+40					605	110		
26.0' RT	23' RT								
99+28	401+84	951	834						311
26.0' RT	39.2' RT								
100+38	401+84		711			948		231	
23' RT	39.2' RT								
100+38	101+18		264			352		82	
23' RT	23.0' RT								
101+18	102+02					470	88		
23.0' RT	23.0' RT								
102+02	401+84	1960							396
23.0' RT	39.2' RT								
102+02	102+82	270				360		84	
23.0' RT	23.0' RT								
102+82	103+58					390	72		
23.0' RT	23.1' RT								
98+72	99+75		342			456		108	
27.0' LT	35.9' LT								
99+75	401+84		633					205	
35.9' LT	39.2' RT								
99+75	100+34					405	75		
35.9' LT	23.2' LT								
100+34	401+84					940	182		
23.2' LT	39.2' RT								
100+34	401+84		940					182	
23.2' LT	39.2' RT								
100+34	101+41		424			318		100	
23.2' LT	23.0' LT								
101+41	102+44					565	107		
23.0' LT	23.1' LT								
102+44	401+84	1910							376
23.1' LT	39.2' RT								
102+44	103+24	270				360		84	
23.1' LT	23.1' LT								
104+22	201+22				318		100		
25.3' LT	21.0' RT								
201+22	201+73				183	122	55		
21.0' RT	20.4' RT								
201+73	202+42				237	158	73		
20.4' RT	21.0' RT								
202+42	203+64				411	274	131		
21.0' RT	22.0' RT								
201+73	201+73		150			100	44		
20.4' RT	21.0' LT								
201+73	200+67					580	110		
21.0' LT	21.0' LT								
201+73	202+03					650	124		
21.0' LT	21.0' LT								
201+73	401+84				712		350		
21.0' LT	39.2' RT								
401+84	300+24					1020	188		
39.2' RT	24.7' RT								
300+24	301+24					565	107		
24.7' RT	22.1' RT								
301+24	302+43					845	123		
22.1' RT	22.1' RT								
302+43	303+63					390	124		
22.1' RT	22.1' RT								
400+59	401+75		342			456		108	
16.1' RT	16.1' RT								
401+75	401+84		138	92		40			
16.1' RT	39.2' RT								
401+75	402+20					335	61		
16.1' RT	20.2' RT								
402+20	401+84					255	45		
20.2' RT	39.2' RT								
402+20	402+80					370	68		
20.2' RT	19.7' RT								
402+80	401+84				336		102		
19.7' RT	39.2' RT								
402+20	402+17					255	45		
20.2' RT	19.6' LT								
402+17	401+84		525					69	
19.6' LT	39.2' RT								
402+17	401+43		252			336		78	
19.6' LT	19.5' LT								
402+17	403+23		348			464		110	
19.6' LT	19.5' LT								
TOTALS		5870	3946	1755	2289	13556	2745	1333	1073

LUMINAIRE SCHEDULE							
STATION (TO CENTER OF STRUCT.)	OFFSET	LIGHT POLE FDN 24 SPL (FOOT)	DECORATIVE LIGHT TYPE A (EACH)	DECORATIVE LIGHT TYPE B (EACH)	DECORATIVE LIGHT TYPE C (EACH)	ELEC SERV INSTALL SPL (EACH)	HANDHOLE SPL (EACH)
88+38	26.0' RT	6.5	1				
98+72	27.0' LT	6.5	1				
99+28	26.0' RT	6.5	1				
99+75	35.9' LT	8			1		
100+38	23.0' RT	8			1		
100+34	23.2' LT	6.5	1				
101+18	23.0' RT	6.5	1				
101+41	23.0' LT	6.5	1				
102+02	23.0' RT	6.5	1				
102+44	23.1' LT	6.5	1				
102+82	23.0' RT	6.5	1				
103+24	23.1' LT	6.5	1				
103+58	23.1' RT	8			1		
104+22	25.3' LT	8			1		
200+67	21.0' LT	6.5			1		
201+22	21.0' RT	6.5			1		
201+73	21.0' LT	6.5			1		
201+73	20.4' RT						1
202+42	21.0' RT	6.5			1		
202+93	21.0' LT	6.5			1		
203+64	22.0' RT	6.5			1		
300+24	24.7' RT	8			1		
301+24	22.1' RT	6.5			1		
302+43	22.1' RT	6.5			1		
303+63	22.1' RT	8			1		
400+59	16.1' RT	6.5	1				
401+43	19.5' LT	6.5	1				
401+75	16.1' RT	6.5	1				
401+84	39.2' RT					1	
402+17	19.6' LT	6.5	1				
402+20	20.2' RT						1
402+80	19.7' RT	6.5	1				
403+23	19.6' LT	6.5	1				
TOTALS		204	16	8	6	1	2

PANEL NO: PP1										22000 A/C	
VA	FUNCTION	SIZE	CKT	PH	CKT	SIZE	FUNCTION	VA			
-	TVSS	60A/2P	1	A	2	125A/2P	PANEL SP1	8354			
-			3	B	4			6374			
0	SPARE	20A/1P	5	A	6	20A/1P	CONTROL CIRCUIT	50			
0	SPARE	20A/1P	7	B	8	20A/1P	PEDESTAL RECPT	280			
1920	E. MAIN EVENT REC (S)	20A/1P	9	A	10	20A/1P	E. MAIN EVENT REC (N)	1920			
1920	E. MAIN EVENT REC (S)	20A/1P	11	B	12	20A/1P	E. MAIN EVENT REC (N)	1920			
1920	E. MAIN EVENT REC (S)	20A/1P	13	A	14	20A/1P	E. MAIN EVENT REC (N)	1920			
1920	E. MAIN EVENT REC (S)	20A/1P	15	B	16	20A/1P	E. MAIN EVENT REC (N)	1920			
1920	E. MAIN EVENT REC (S)	20A/1P	17	A	18	20A/1P	E. MAIN EVENT REC (N)	1920			
1920	N.CHESTNUT EVENT REC	20A/1P	19	B	20	20A/1P	E. MAIN EVENT REC (N)	1920			
1920	N.CHESTNUT EVENT REC	20A/1P	21	A	22	20A/1P	SPARE	0			
1920	N.CHESTNUT EVENT REC	20A/1P	23	B	24	20A/1P	SPARE	0			
1920	N.CHESTNUT EVENT REC	20A/1P	25	A	26	20A/1P	SPARE	0			
1920	N.CHESTNUT EVENT REC	20A/1P	27	B	28	20A/1P	SPARE	0			
1920	N.CHESTNUT EVENT REC	20A/1P	29	A	30	20A/1P	SPARE	0			
PHASE		A	B	TOTALS		VOLTS: 120/240V, 1ø, 3W					
VOL TAMPS		25684	22014	47698							
MAINS		200 AMP MAIN BREAKER		POLES: 30 POSITIONS		MOUNTING: INSIDE PEDESTAL					

PANEL NO: SP1 (SWITCHED PORTION OF PANEL CONTROLLED BY CONTACTOR)										22000 A/C	
VA	FUNCTION	SIZE	CKT	PH	CKT	SIZE	FUNCTION	VA			
1033	STREET LIGHTS - NORTH AURORA STREET	20A/2P	31	A	32	20A/2P	STREET LIGHTS - EAST CLAY STREET	590			
1033			33	B	34			590			
1033	STREET LIGHTS - NORTH CHESTNUT STREET	20A/2P	35	A	36	20A/2P	STREET LIGHTS - EAST MAIN STREET (NORTH)	885			
1033			37	B	38			885			
1260	N. AURORA ST. REC	20A/1P	39	A	40	20A/2P	STREET LIGHTS - EAST MAIN STREET (SOUTH)	1033			
720	E. CLAY ST. REC	20A/1P	41	B	42			0			
1260	N. CHESTNUT ST. REC	20A/1P	43	A	44	20A/1P	SPARE	0			
1080	E. MAIN ST. REC (N)	20A/1P	45	B	46	20A/1P	SPARE	0			
1260	E. MAIN ST. REC (S)	20A/1P	47	A	48	20A/1P	SPARE	0			
	SPACE		49	B	50		SPACE				
	SPACE		51	A	52		SPACE				
	SPACE		52	B	54		SPACE				
PHASE		A	B	TOTALS		VOLTS: 120/240V, 1ø, 3W					
VOL TAMPS		8354	6374	14728							
				POLES: 24 POSITIONS		MOUNTING: INSIDE PEDESTAL					

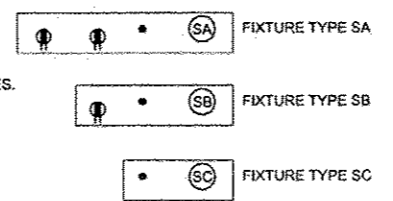




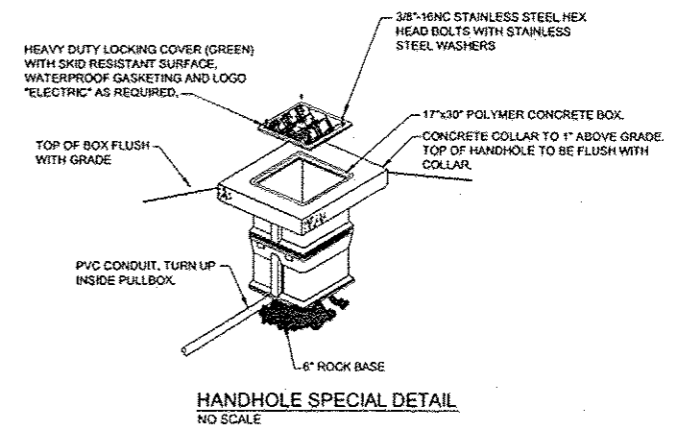
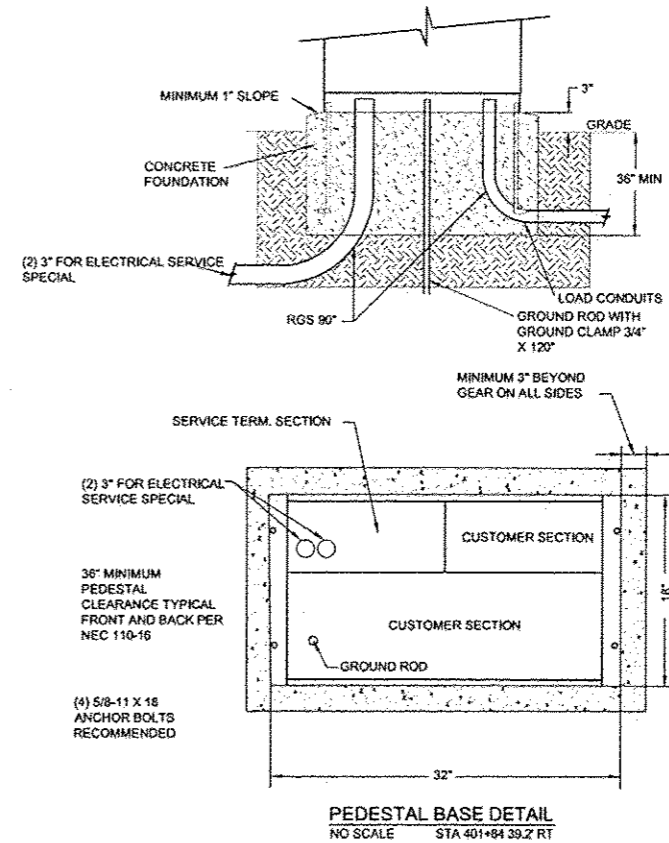
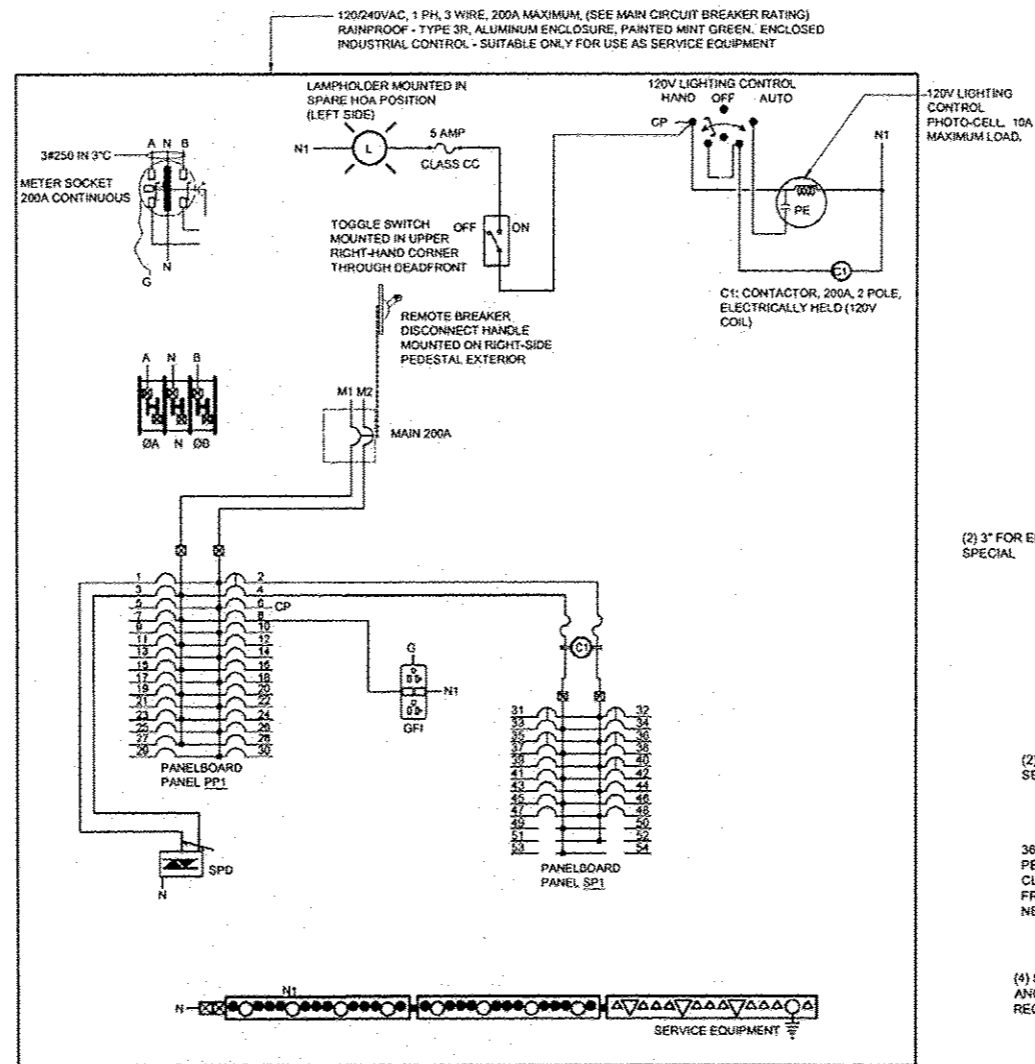
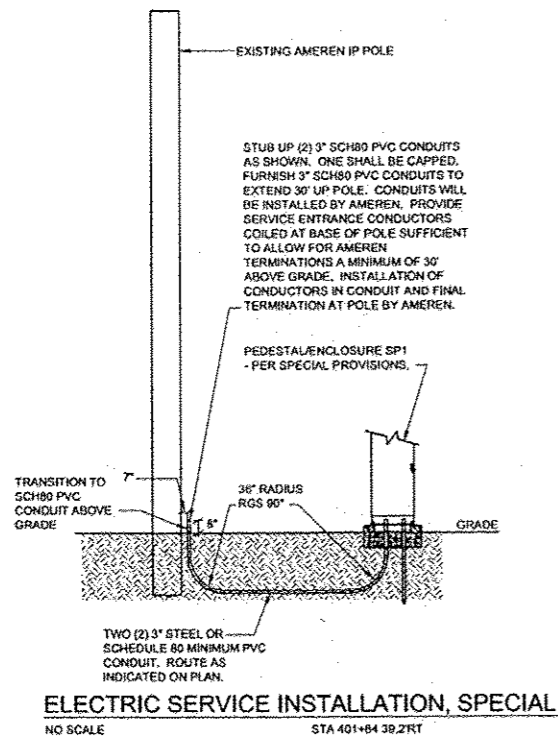
**PANEL PP1/SP1 WIRING DIAGRAM**

NO SCALE

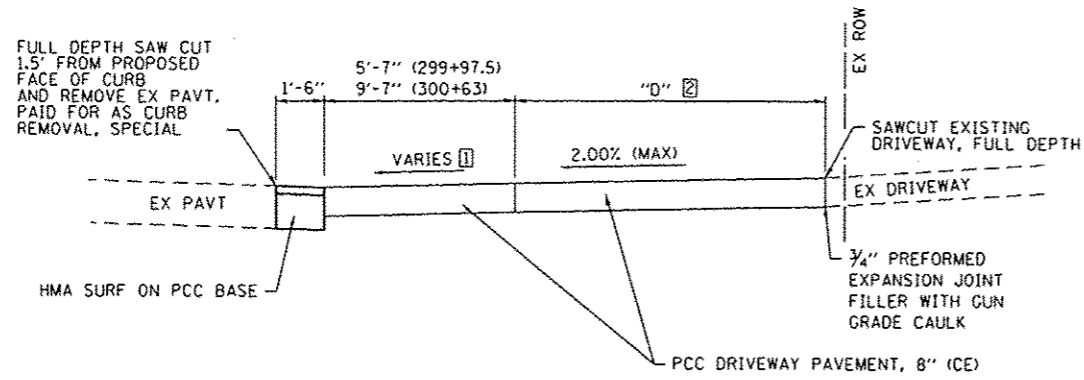
REFER TO STREETSCAPE LIGHTING PLANS FOR ALL BRANCH CIRCUIT SIZES.



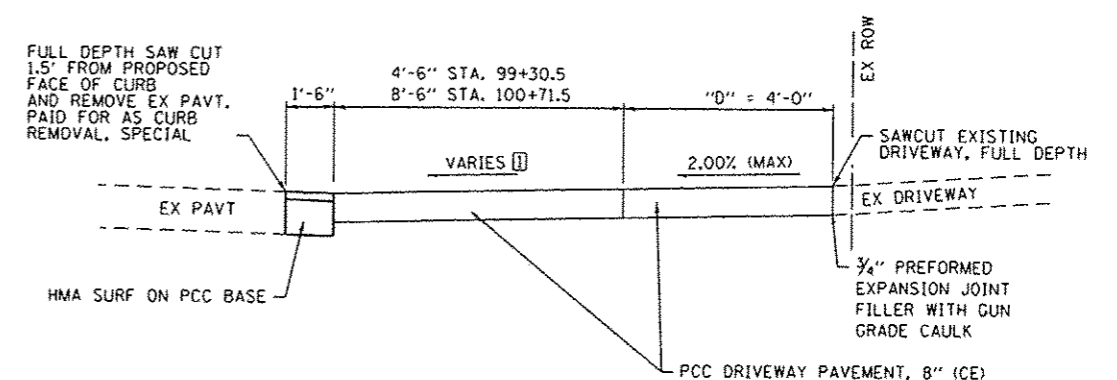
FILE NAME -	USER NAME -	DESIGNED -- JEN	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WIRING DIAGRAMS			F.A.P. RTG.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
H:\P\10084\from BRCC\Collinsville PH 4 E Sheets 01-29-15\ Sheets.dwg		DRAWN -- JEN	REVISED --		AS NOTED				13-00081-04-LS	MADISON	56	34
PLOT SCALE =		CHECKED -- RJD	REVISED --		SHEET NO. 4 OF 5 SHEETS							
PLOT DATE = 1/26/2015		DATE -- 9/12/13	REVISED --		STA. TO STA.							
					ILLINOIS FED. AID PROJECT							



FILE NAME -	USER NAME -	DESIGNED -- JEN	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ELECTRICAL SERVICE DETAILS			F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
H:\P\10084\from BRCC\Collinsville PH 4 C Sheets 01-29-15\ Sheets.dwg		DRAWN -- JEN	REVISED --		AS NOTED	SHEET NO. 5 OF 5 SHEETS	STA. TO STA.	13-00081-04-LS	MADISON	56	35	
		CHECKED -- RJD	REVISED --		CONTRACT NO. 97803							
		DATE --	REVISED --		ILLINOIS FED. AID PROJECT							



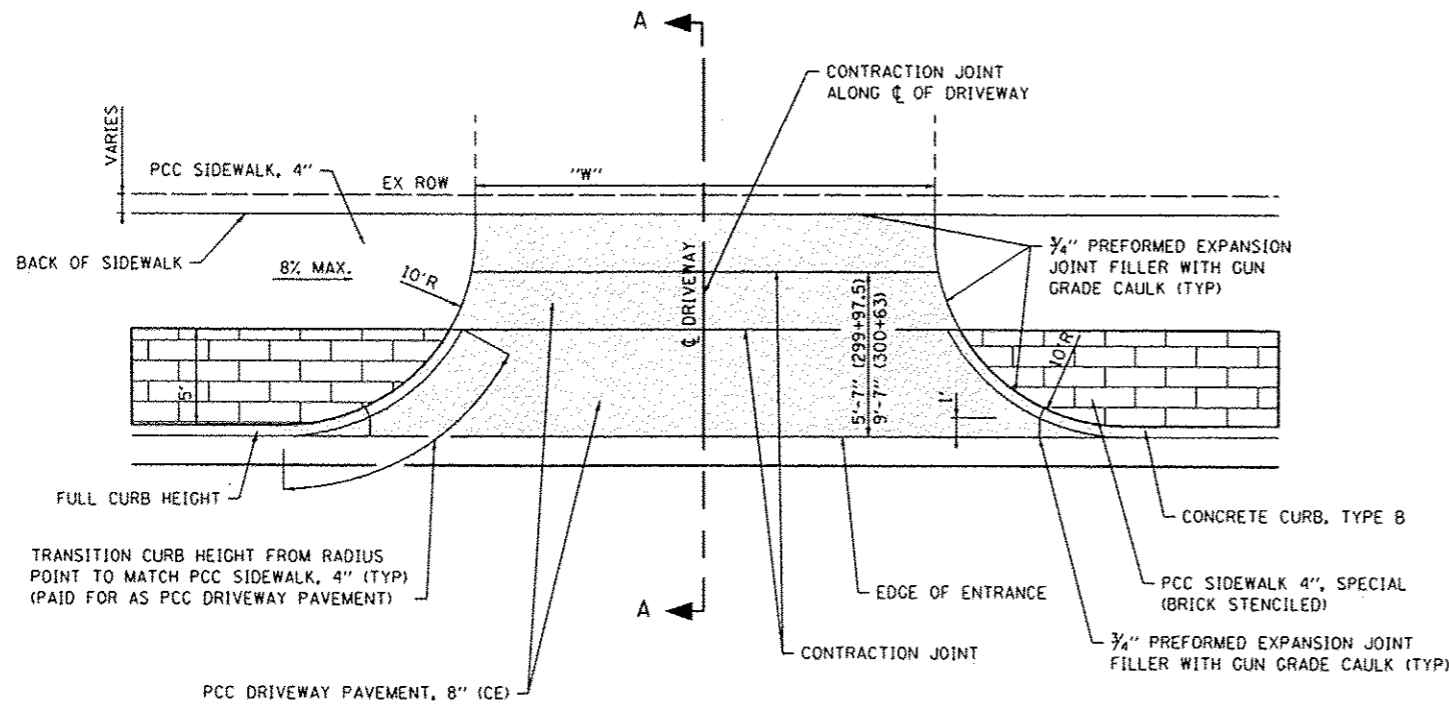
**SECTION A-A**  
(NOT TO SCALE)



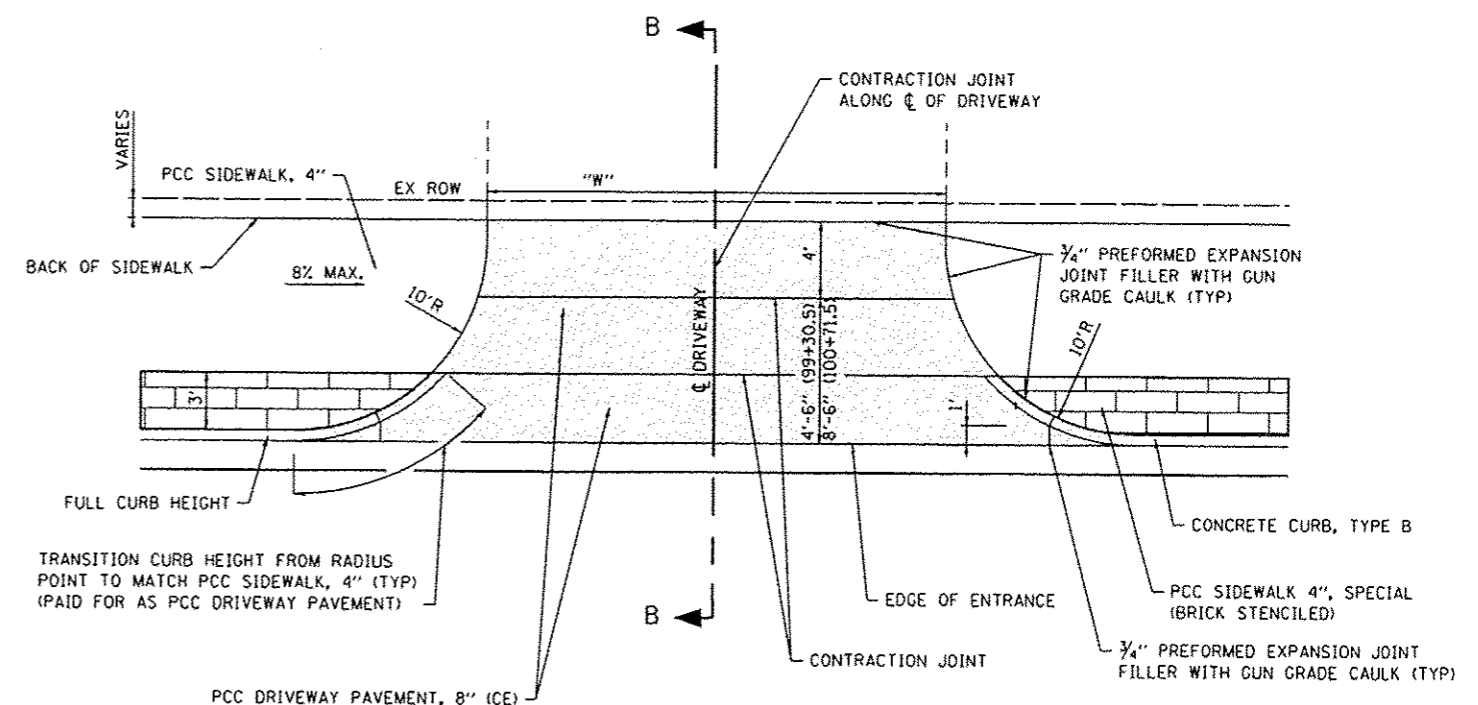
**SECTION B-B**  
(NOT TO SCALE)

**NOTES:**

- ① SEE CROSS SECTIONS FOR ACTUAL SLOPE.
- ② SEE ENTRANCE SCHEDULE FOR DIMENSIONS W & D.



**ENTRANCE DETAIL**  
**(ADJACENT TO 5' WIDE PCC SIDEWALK, SPL)**  
(NOT TO SCALE)  
EAST CLAY STREET



**ENTRANCE DETAIL**  
**(ADJACENT TO 3' WIDE PCC SIDEWALK, SPL)**  
(NOT TO SCALE)  
EAST MAIN STREET STA. 99+30.5 AND STA. 100+71.5

FILE NAME: H:\P\18284\Microstation\CAD Sheets\0818284-ent-detail.dgn



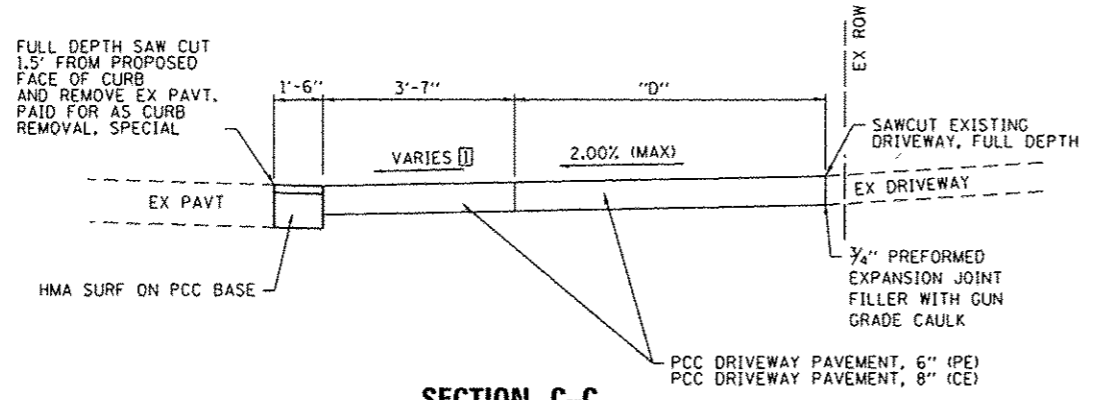
USER NAME: mnaie.groser	DESIGNED -	REVISED -
PLOT SCALE: 40.0000' / 1"	DRAWN -	REVISED -
PLOT DATE: 5/20/2015	CHECKED -	REVISED -
	DATE -	REVISED -

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

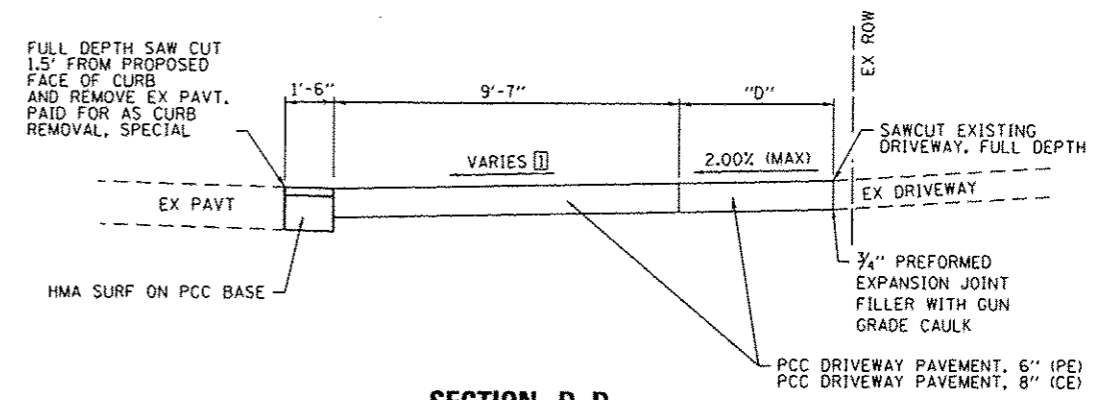
**CONSTRUCTION DETAILS**

SCALE: SHEET 1 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	36
CONTRACT NO. 97603				
ILLINOIS FED. AID PROJECT				

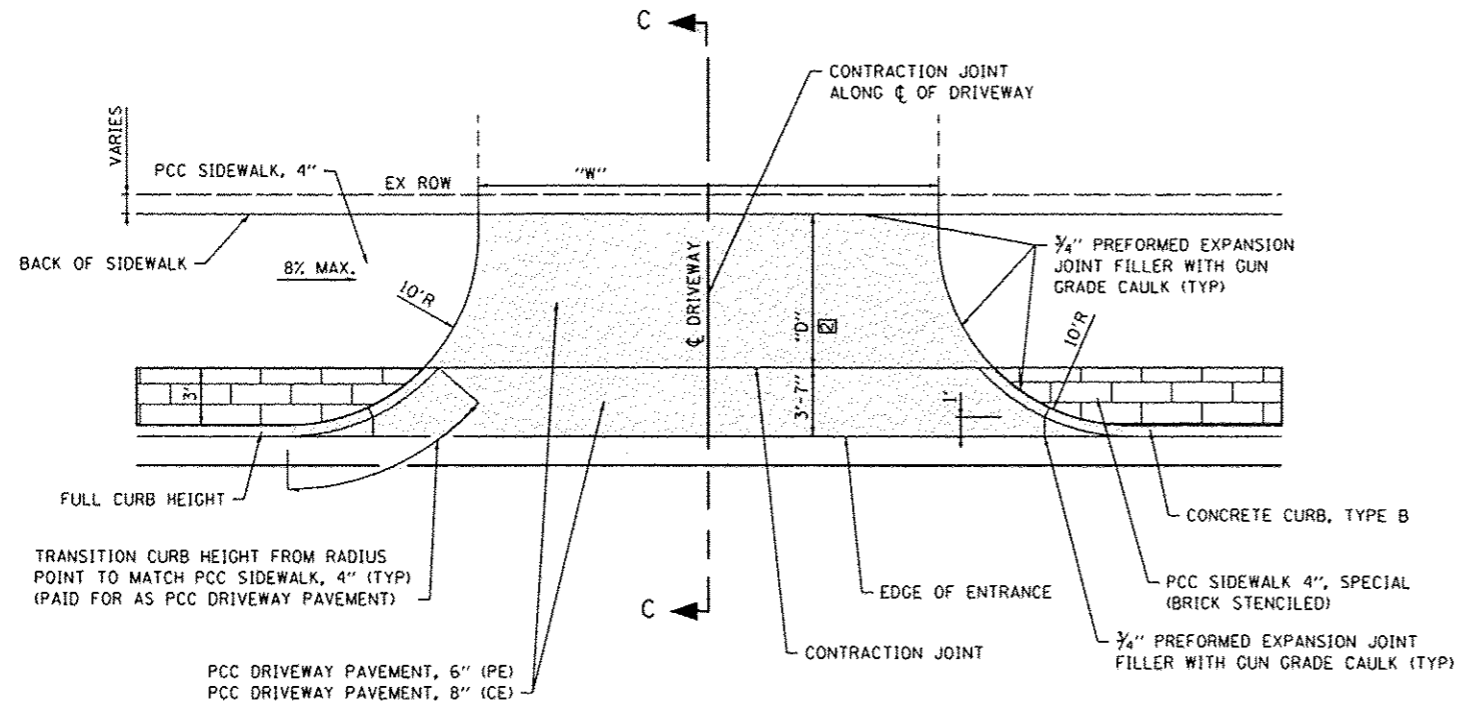


**SECTION C-C**  
(NOT TO SCALE)

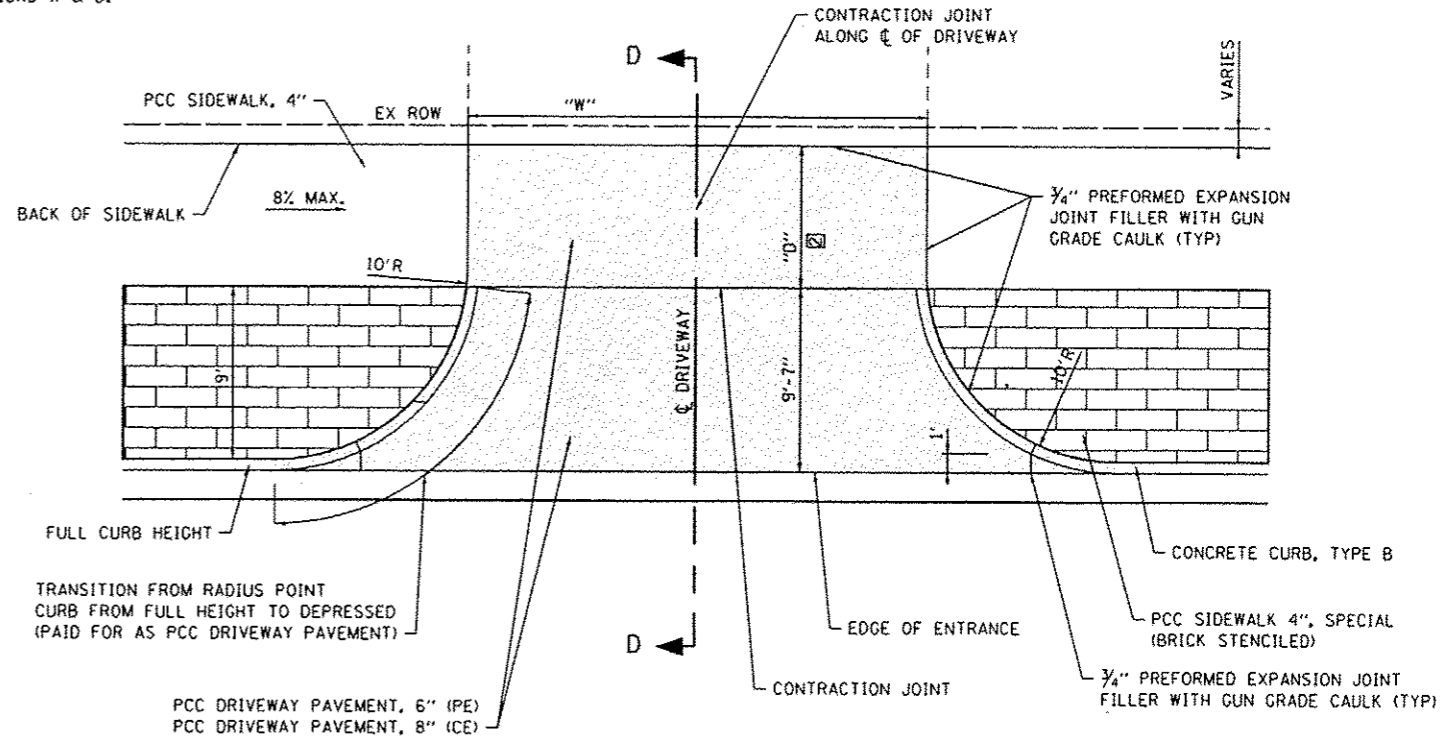


**SECTION D-D**  
(NOT TO SCALE)

- NOTES:**
- [1] SEE CROSS SECTIONS FOR ACTUAL SLOPE.
  - [2] SEE ENTRANCE SCHEDULE FOR DIMENSIONS W & D.

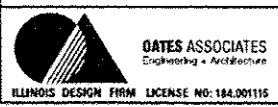


**ENTRANCE DETAIL**  
**(ADJACENT TO 3' WIDE PCC SIDEWALK, SPL)**  
(NOT TO SCALE)  
EAST MAIN STREET STA. 101+98 AND STA. 102+90  
CHESTNUT STREET STA. 401+09.5



**ENTRANCE DETAIL**  
**(ADJACENT TO 9' WIDE PCC SIDEWALK, SPL)**  
(NOT TO SCALE)  
CHESTNUT STREET LT SIDE

FILE NAME: H:\P\2024\Huron\station\CD\_Sheets\0812284-INT-Details.dwg

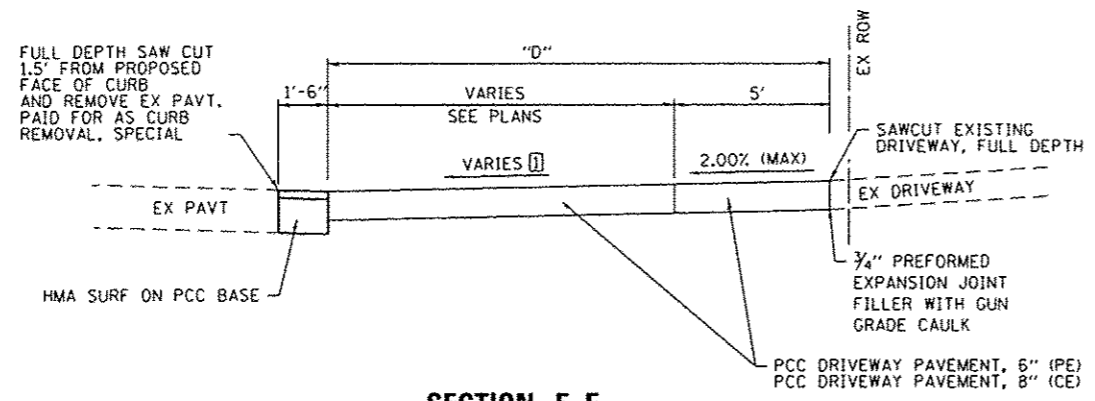


USER NAME: moisie.grover	DESIGNED -	REVISED -
PLOT SCALE: 40.0000' / 1"	DRAWN -	REVISED -
PLOT DATE: 5/20/2015	CHECKED -	REVISED -
	DATE -	REVISED -

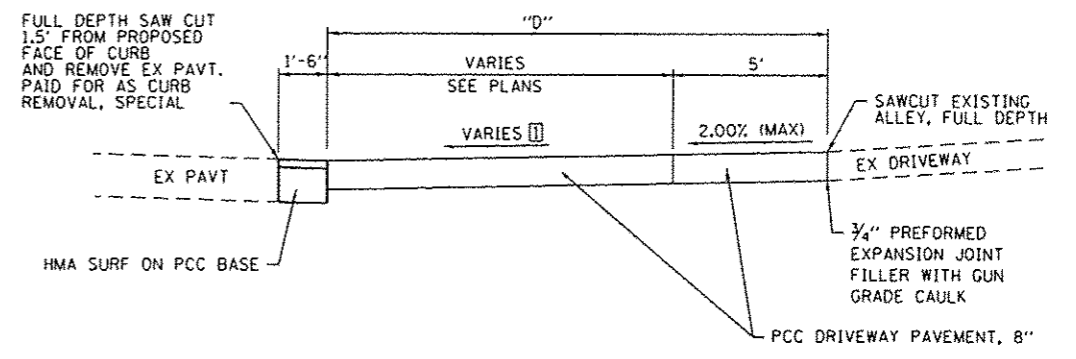
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>CONSTRUCTION DETAILS</b>	
SCALE:	SHEET 2 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	37
CONTRACT NO. 97603				
ILLINOIS FED. AID PROJECT				

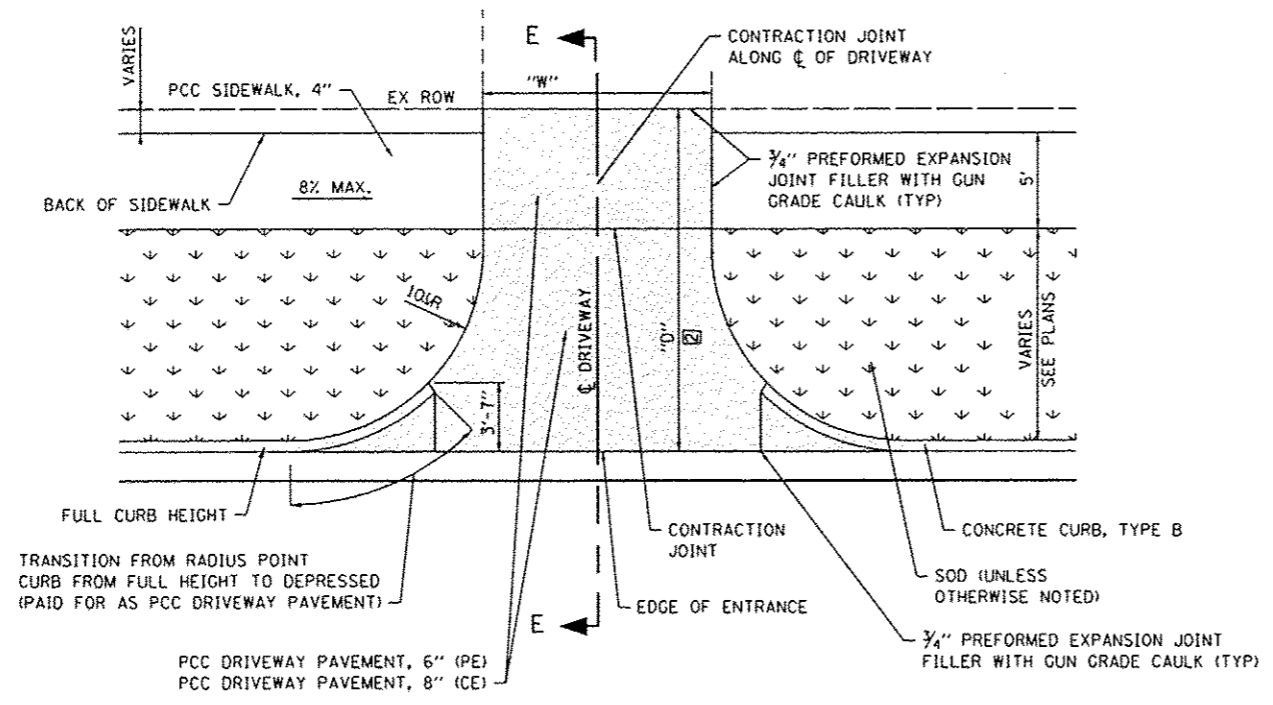


**SECTION E-E**  
(NOT TO SCALE)

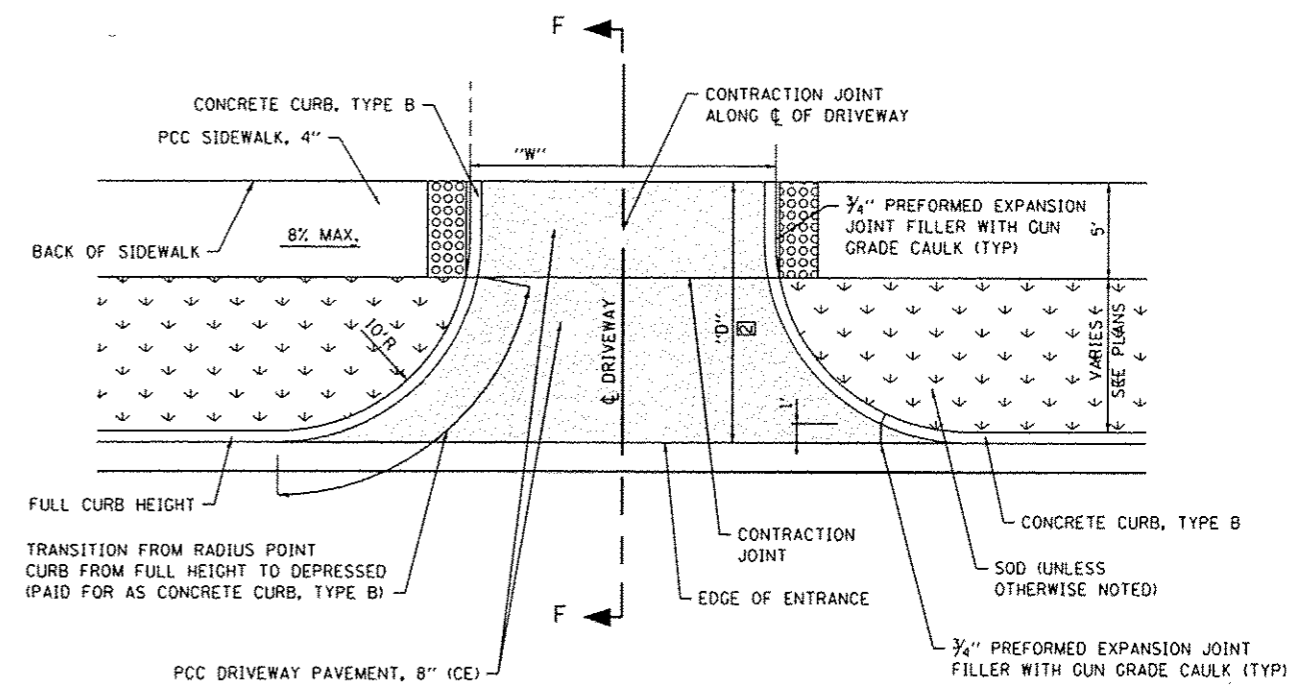


**SECTION F-F**  
(NOT TO SCALE)

- NOTES:**
- SEE CROSS SECTIONS FOR ACTUAL SLOPE.
  - ⊠ SEE ENTRANCE SCHEDULE FOR DIMENSIONS W & D.



**ENTRANCE DETAIL**  
**(ADJACENT TO GREEN SPACE)**  
(NOT TO SCALE)  
CHESTNUT STREET STA 403+07.5 RT  
E CLAY STREET STA 302+29.5 LT  
AURORA STREET



**ALLEY DETAIL**  
(NOT TO SCALE)  
SEE INTERSECTION DETAILS  
FOR CHESTNUT STREET ALLEY

FILE NAME: I:\PROJECTS\2015\Aurora\2015\Aurora.dwg



USER NAME: moisa.graser	DESIGNED: -	REVISED: -
DRAWN: -	REVISION: -	
CHECKED: -	REVISION: -	
DATE: -	REVISION: -	
PLOT SCALE: 1/8" = 1'-0"		
PLOT DATE: 5/20/2015		

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

**CONSTRUCTION DETAILS**

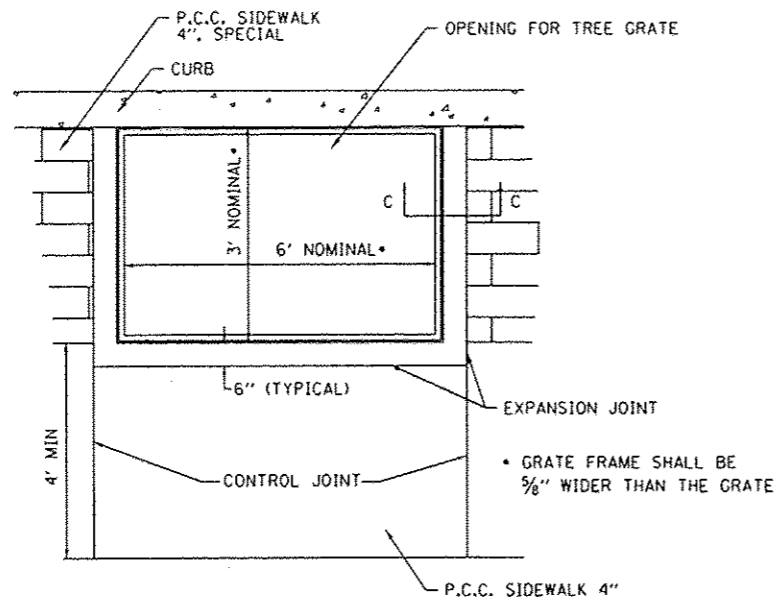
SCALE: SHEET 3 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	38
CONTRACT NO. 97603			ILLINOIS FED. AID PROJECT	

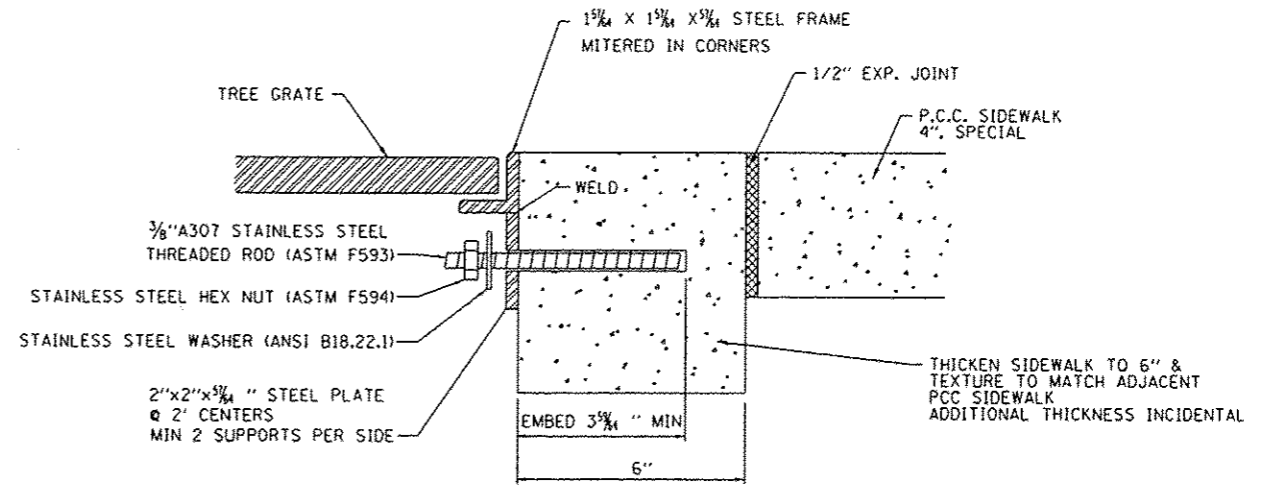






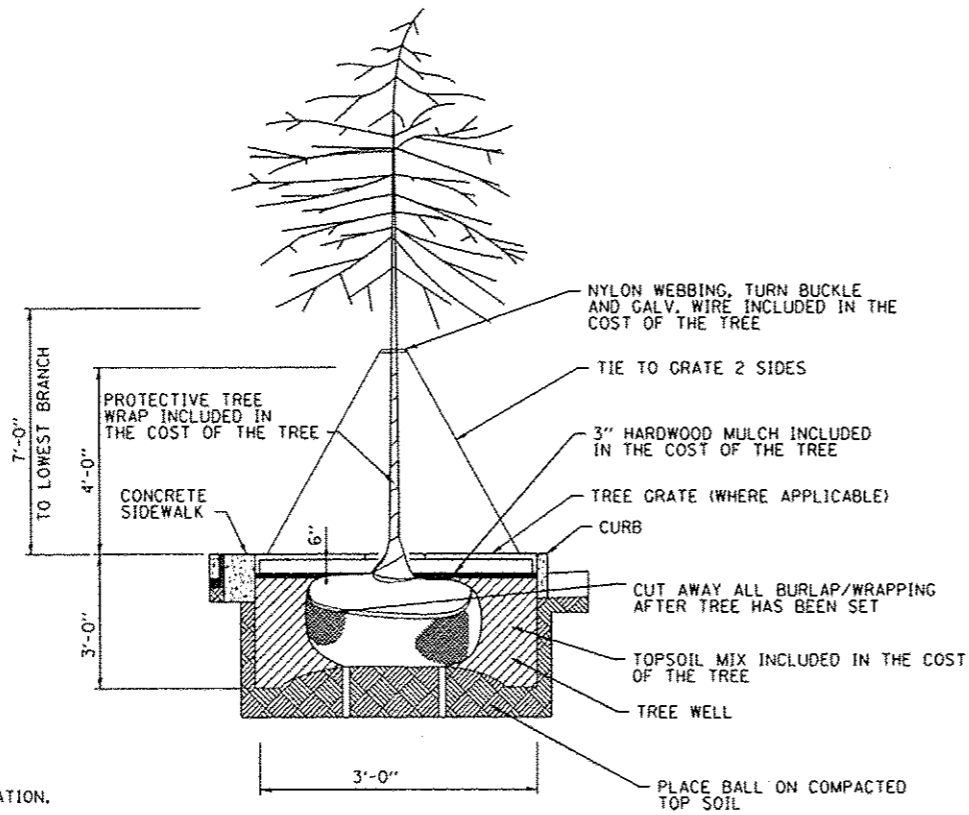


**TREE GRATE FRAME DETAIL**  
(NOT TO SCALE)



**SECTION C-C**  
**TREE GRATE FRAME DETAIL**  
**OPTIONAL ANCHORING**  
(NOT TO SCALE)

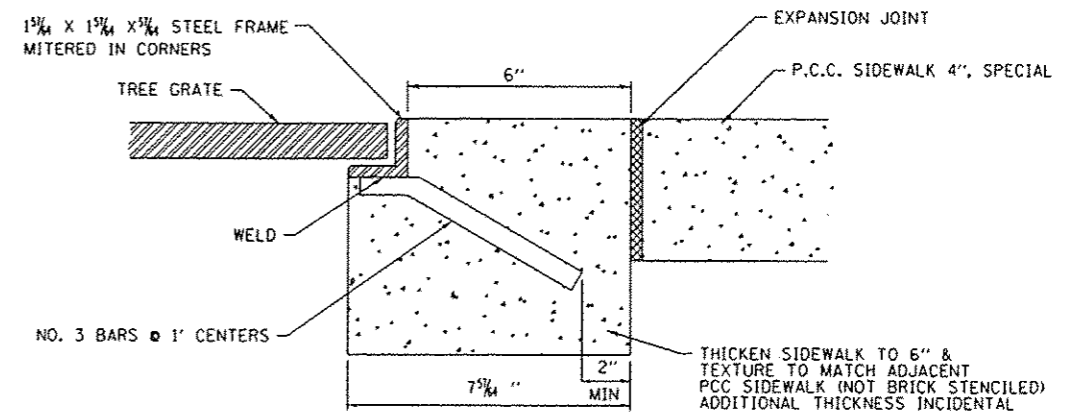
EMBED STAINLESS STEEL THREADED ROD WITH A CAPSULE OR ADHESIVE CARTRIDGE TYPE EPOXY SYSTEM. THE CONTRACTOR SHALL INSTALL THE RODS IN PRE-DRILLED HOLES ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. THE CAPSULE OR THE ADHESIVE CARTRIDGE SHALL BE PRE-MEASURED AMOUNTS OF THE ADHESIVE CHEMICAL.



**STREET TREE**  
**PLANTING DETAIL**  
(NOT TO SCALE)

**NOTES:**

- SEE SECTION 253 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" FOR ADDITIONAL INFORMATION.
- VERIFY UTILITY LINE AND STRUCTURE LOCATIONS PRIOR TO DIGGING.
- LAYOUT ALL TREE LOCATIONS FOR APPROVAL PRIOR TO INSTALLATION.
- ELECTRICAL CONDUIT WILL ONLY BE ALLOWED IN THE OUTER 6" OF THE TREE WELL.
- ALL TREE MATERIALS, INCLUDING TOPSOIL, MULCH, WEED BARRIER FABRIC, BRACING, WRAP, SOIL, SHALL BE INCLUDED IN THE COST OF THE TREE.



**SECTION C-C**  
**TREE GRATE FRAME DETAIL**  
(NOT TO SCALE)

FILE NAME: R:\P\1000\MicroStation\CAD\_Sheets\1010001-structure.dgn



USER NAME: m.rossi.groser	DESIGNED: -	REVISED: -
PLOT SCALE: 1/4" = 1'-0"	DRAWN: -	REVISED: -
PLOT DATE: 5/20/2015	CHECKED: -	REVISED: -
	DATE: -	REVISED: -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

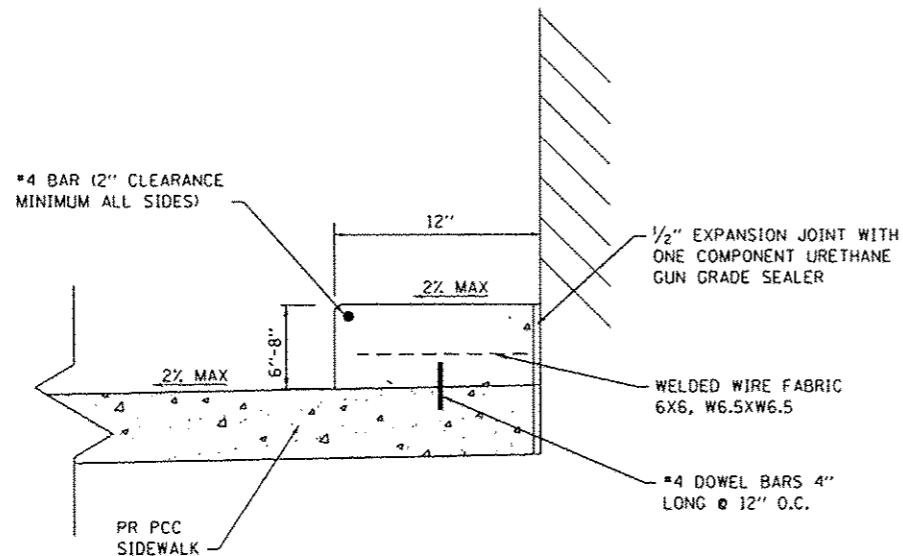
CONSTRUCTION DETAILS

SCALE: SHEET 6 OF 9 SHEETS STA. TO STA.

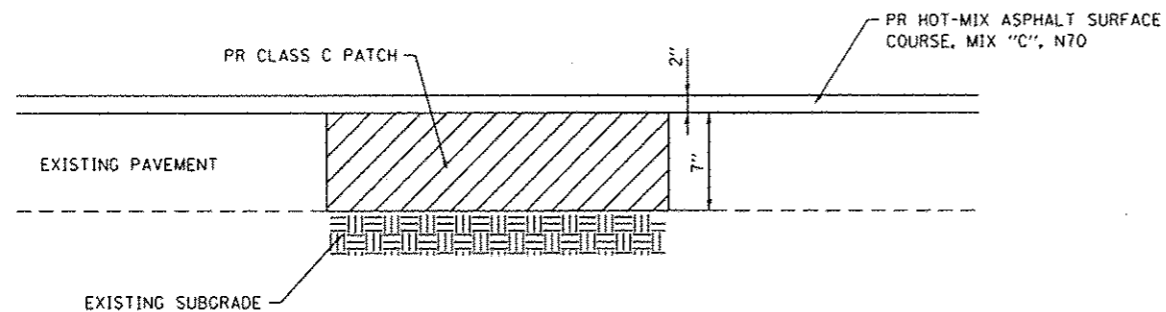
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	41
			CONTRACT NO. 97603	
ILLINOIS FED. AID PROJECT				

**NOTES:**

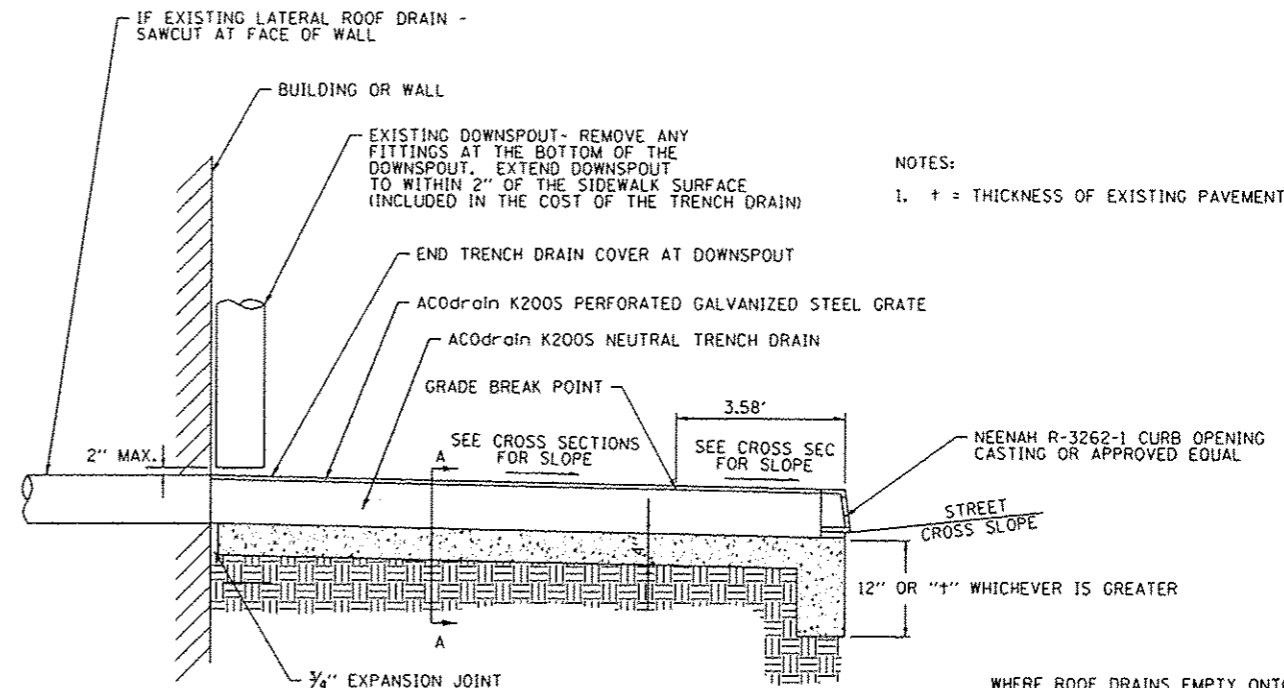
1. ALL REMOVALS, EXCAVATION, GRADING, PREPARATION OF SUBGRADE, BACKFILLING, FURNISHING, AND PLACING ALL MATERIALS INCLUDING CONCRETE, REINFORCEMENT, EXPANSION JOINTS, AND SEALANT SHALL BE INCLUDED IN THE COST FOR CONCRETE STEPS.
2. DIMENSIONS FROM TREAD TO TREAD AND RISER TO RISER SHALL NOT VARY BY MORE THAN 1/4" PER SET OF STEPS. PLAN DIMENSIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION.
3. REINFORCING BARS SHALL BE EPOXY COATED. REINFORCEMENT WILL NOT BE PAID FOR SEPARATELY.
4. CONCRETE STEPS SHALL BE CONSTRUCTED OF CLASS S1 CONCRETE.



**CONCRETE STEPS DETAIL**  
(NOT TO SCALE)  
STA 83+38.5 LT



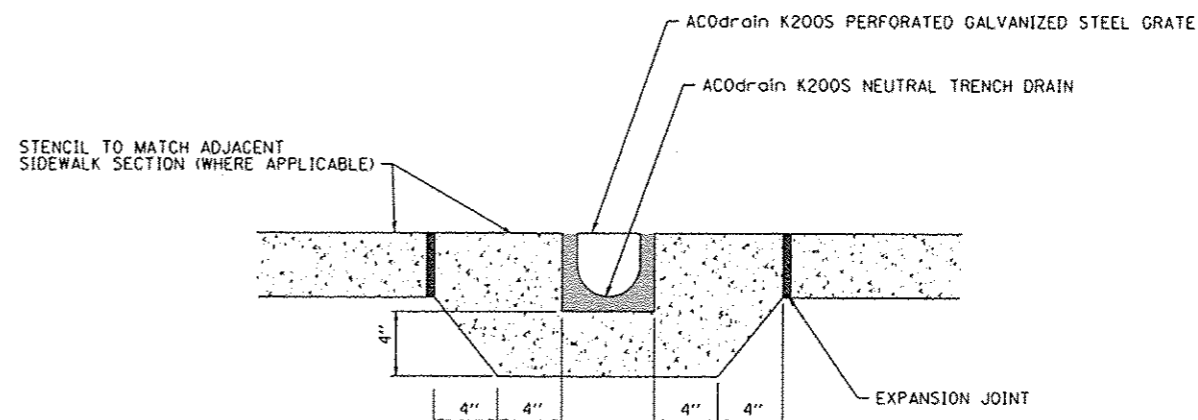
**PAVEMENT PATCHING DETAIL**  
(NOT TO SCALE)



**TRENCH DRAIN DETAIL**  
(NOT TO SCALE)

NOTES:  
1. t = THICKNESS OF EXISTING PAVEMENT

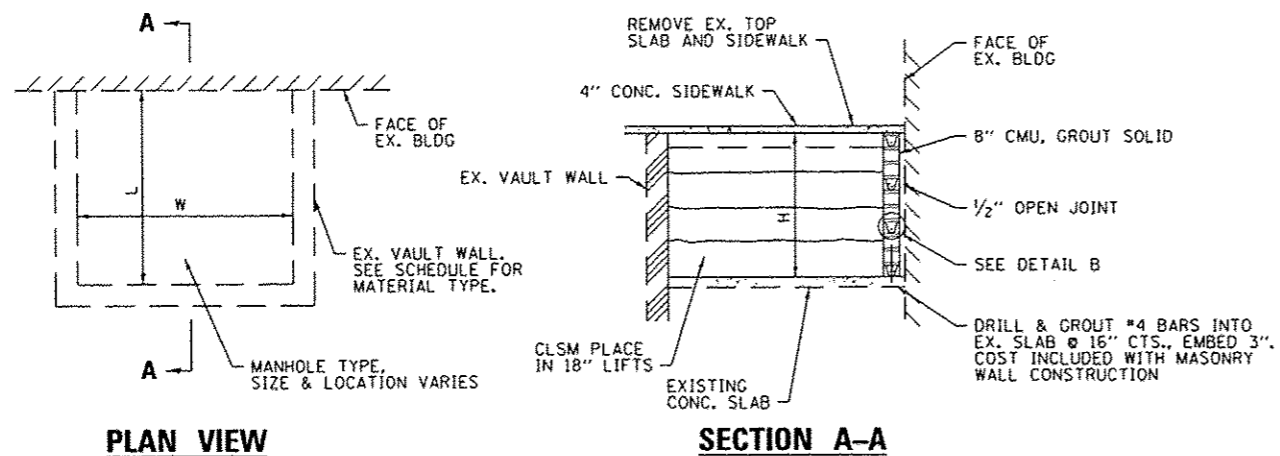
WHERE ROOF DRAINS EMPTY ONTO A COMMON AREA BETWEEN BUILDINGS, OMIT THE SLOPED UPSTREAM END OF THE DRAIN AND CONSTRUCT THE DRAIN TO THE BACK OF THE PROPOSED SIDEWALK LEAVING THE ENDS OPEN TO COLLECT WATER FLOWING DOWN THE COMMON AREA.



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

FILE NAME: H:\P\10084\Project\Station\CAD Sheets\0810084-ent-details.dgn

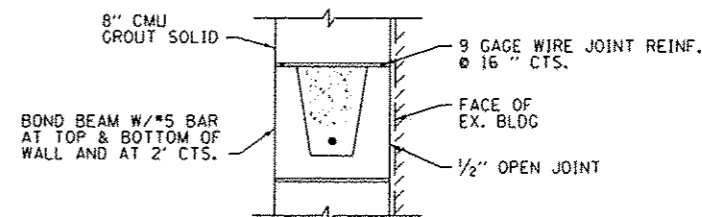




**PLAN VIEW**

**SECTION A-A**

**COAL VAULT DETAIL**  
(NOT TO SCALE)

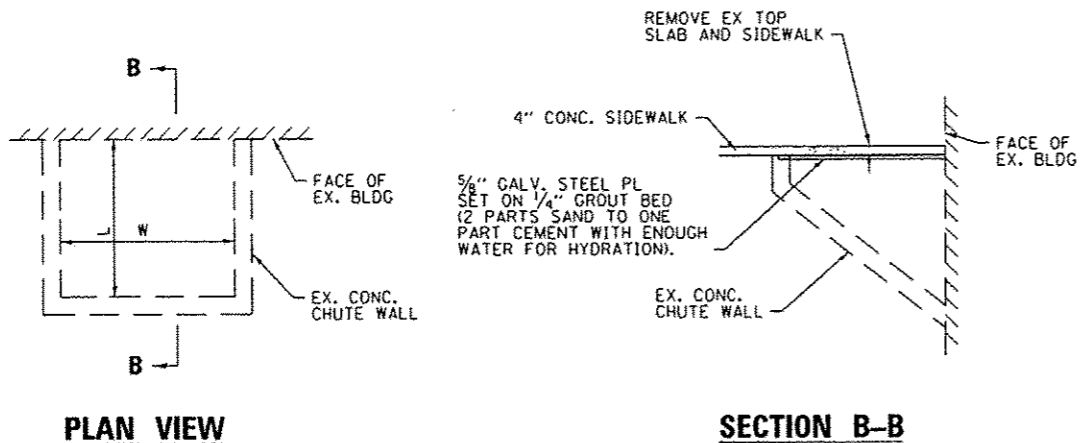


**MASONRY WALL CONSTRUCTION**  
(NOT TO SCALE)

NOTE: ANCHOR EACH END OF BOND BEAM W/ #4 BAR DRILLED & GROUTED INTO EXIST. VAULT WALL, EMBED 4". COST INCLUDED WITH MASONRY WALL CONSTRUCTION

**CONCRETE MASONRY UNITS (CMU) NOTES**

1. CMU UNITS SHALL BE HOLLOW CORE LOAD-BEARING, TYPE 1, NORMAL WEIGHT CONFORMING TO ASTM C90. MINIMUM NET COMPRESSIVE STRENGTH OF INDIVIDUAL UNITS = 2000 PSI.
2. NOMINAL FACE DIMENSIONS OF CMU UNITS = 8"x16".
3. MORTAR SHALL BE IN ACCORDANCE WITH ASTM C270, TYPE N.
4. GROUT FOR FILLING CELLS AND BOND BEAMS SHALL CONFORM TO ASTM C476. MINIMUM STRENGTH OF GROUT = 2000 PSI AT 28 DAYS.
5. WIRE REINFORCEMENT SHALL CONFORM TO ASTM A82 AND BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A153.
6. REINFORCEMENT FOR BOND BEAMS AND DOWELS SHALL CONFORM TO ASTM A615, GRADE 60, DEFORMED.
7. SEE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS.



**PLAN VIEW**

**SECTION B-B**

**COAL CHUTE CLOSURE SYSTEM DETAIL**  
(NOT TO SCALE)

**COAL VAULT AND CHUTE NOTES**

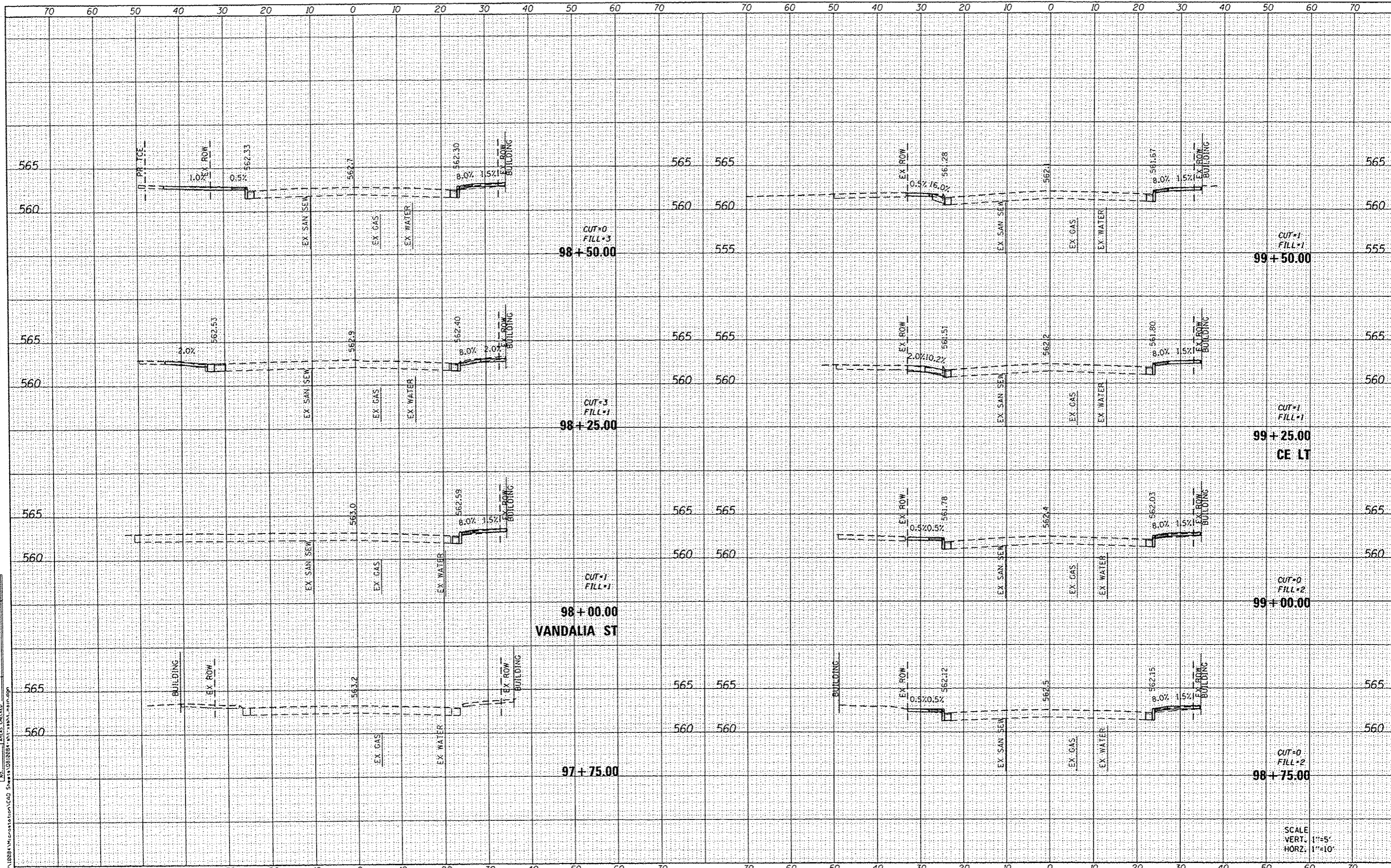
1. CONTROLLED LOW-STRENGTH MATERIAL SHALL BE CONSTRUCTED IN MAXIMUM 18" LIFTS.
2. THE CONTRACTOR SHALL PROVIDE TEMPORARY BRACING OF THE EXISTING VAULT WALLS PRIOR TO REMOVING THE VAULT LID.
3. ALL DEBRIS IN THE VAULTS SHALL BE REMOVED AND DISPOSED OF PRIOR TO FILLING WITH CONTROLLED LOW-STRENGTH MATERIAL. DISPOSAL OF DEBRIS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO CONTROLLED LOW-STRENGTH MATERIAL.
4. UNFILLED VAULTS SHALL BE FENCED AND BARRICADED TO PROTECT THE PUBLIC FROM THE HAZARDS OF AN OPEN VAULT. SAFETY PRECAUTIONS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CONTROLLED LOW-STRENGTH MATERIAL.
5. EXCESS WATER FROM THE CONTROLLED LOW-STRENGTH MATERIAL (CLSM) SHALL BE PUMPED OUT OF VAULTS DURING CLSM INSTALLATION. ALL POTENTIAL SOURCES OF LEAKAGE SHALL BE SEALED PRIOR TO PLACEMENT OF CLSM.
6. PRIOR TO FILLING A COAL VAULT, THE CONTRACTOR SHALL CONTACT THE ADJACENT BUSINESS OWNER INFORMING THEM OF THE IMMINENT FILLING OF THE VAULT. THE CONTRACTOR SHALL MONITOR THE ADJACENT BUSINESS' BASEMENT FOR WATER MIGRATING OUT OF THE CONTROLLED LOW-STRENGTH MATERIAL. THE CONTRACTOR SHALL PREVENT DAMAGE TO ADJACENT BUSINESSES DUE TO MIGRATING WATER FROM THE CONTROLLED LOW-STRENGTH MATERIAL. COORDINATION WITH ADJACENT BUSINESSES AND WATER MIGRATION PREVENTION WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO CONTROLLED LOW-STRENGTH MATERIAL.

FILE NAME : H:\P\1898A\mic-orientation\CD 3\sheet\081898A-shr-detail.dwg

<p><b>DATES ASSOCIATES</b> Engineering + Architecture</p> <p>ILLINOIS DESIGN FIRM LICENSE NO: 184.001115</p>	USER NAME : m.rossi,grasser DESIGNED - DRAWN - CHECKED - DATE -	REVISIONS: 1. REVISED - 2. REVISED - 3. REVISED - 4. REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CONSTRUCTION DETAILS</b>		F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 13-00081-04-LS MADISON 56 44 CONTRACT NO. 97603 [ILLINOIS] FED. AID PROJECT
	PLOT SCALE : 40.0000' / 1" = 1'-0" PLOT DATE : 5/28/2015	SCALE: SHEET 9 OF 9 SHEETS STA. TO STA.				

DATE	
BY	
FILED	
SURVEY	
NOTED	
BOOK	
NO.	
AREAS CHECKED	

DATE	
BY	
FILED	
SURVEY	
NOTED	
BOOK	
NO.	
AREAS CHECKED	



FILE NAME : H:\P\12284\micromotion\CAD\_Sheet\13-00081-04-LS\13-00081-04-LS.dwg

**DATES ASSOCIATES**  
Engineering & Architecture  
ILLINOIS DESIGN FIRM LICENSE NO: 194.001115

USER NAME = moisia.grasser	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 5/28/2015	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

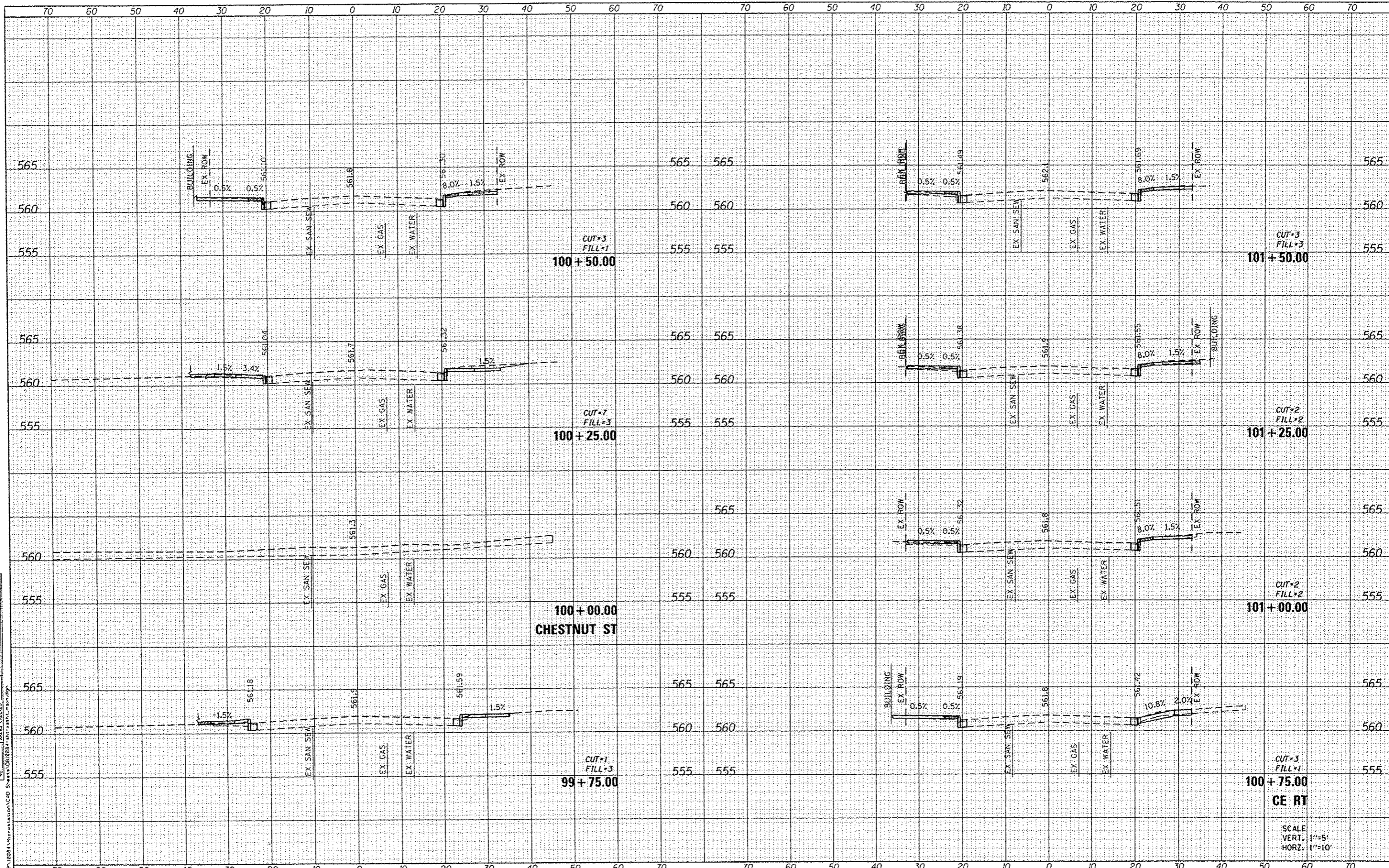
**CROSS SECTIONS  
EAST MAIN STREET**

SCALE: SHEET OF SHEETS STA. 97+75.00 TO STA. 99+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	45
CONTRACT NO. 97603			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	DATE
SURVEY	BY
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
SURVEY	BY
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	



FILE NAME: H:\P\18284\Map\18284-CAD Sheets\0818284-INT-MAIN.MXD

**DATES ASSOCIATES**  
Engineering & Architecture  
ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

USER NAME: mista.grass	DESIGNED: -	REVISED: -
PLOT SCALE: 1/8" = 1' - 0"	DRAWN: -	REVISED: -
PLOT DATE: 5/28/2015	CHECKED: -	REVISED: -
	DATE: -	REVISED: -

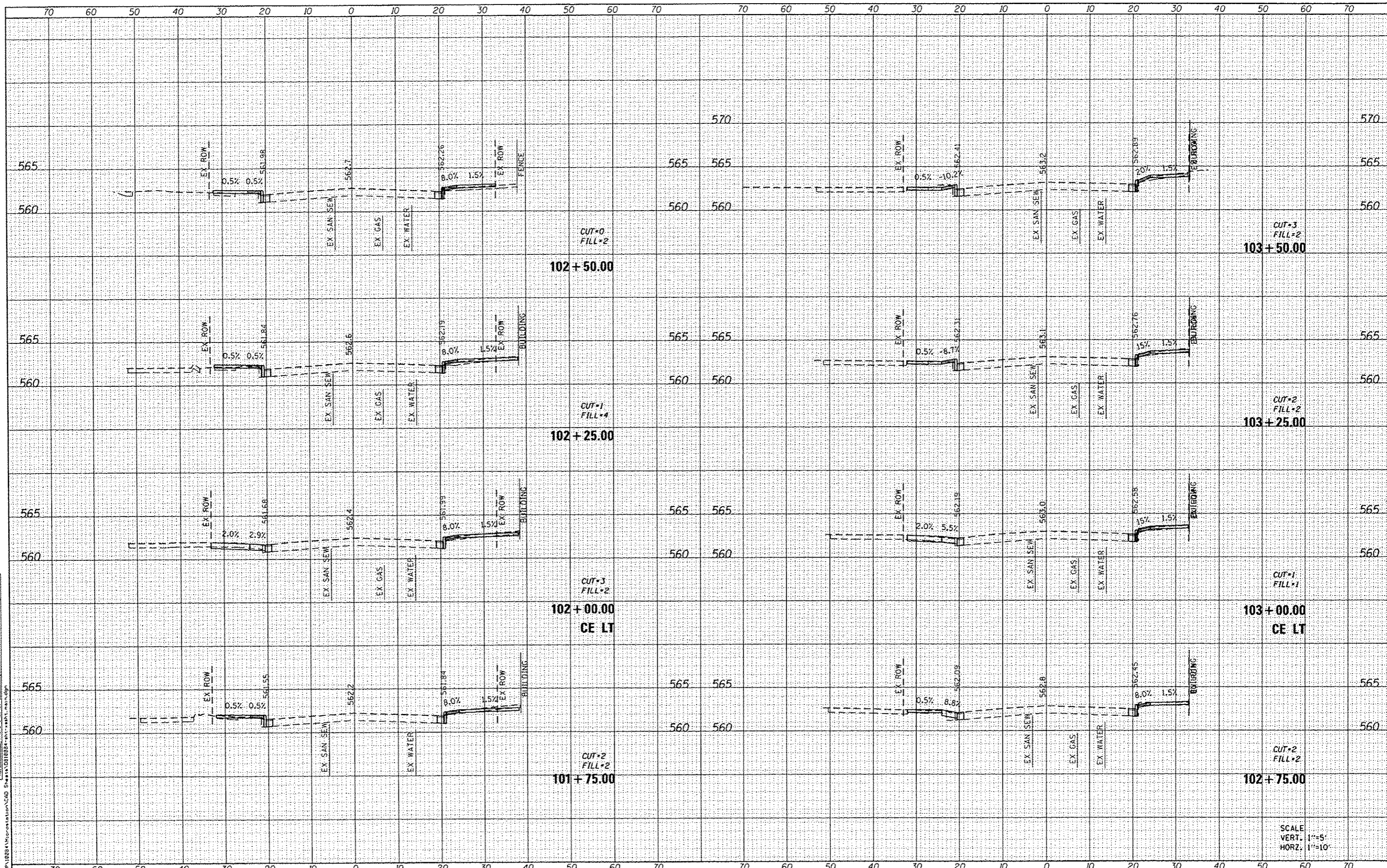
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS EAST MAIN STREET</b>	
SCALE:	SHEET OF SHEETS STA. 99+75.00 TO STA. 101+50.00

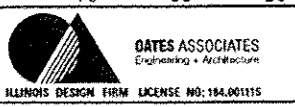
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	46
CONTRACT NO. 97603			ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	
NOTED	
PLATE	
AREAS	
CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NOTED	
PLATE	
AREAS	
CHECKED	



FILE NAME: H:\V\B284\Information\CAD Sheets\B284-INT-MAIN-MAIN.dwg



USER NAME	= moles.groser
PLLOT SCALE	= 28.0000' / 1" in.
PLLOT DATE	= 5/28/2015

DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

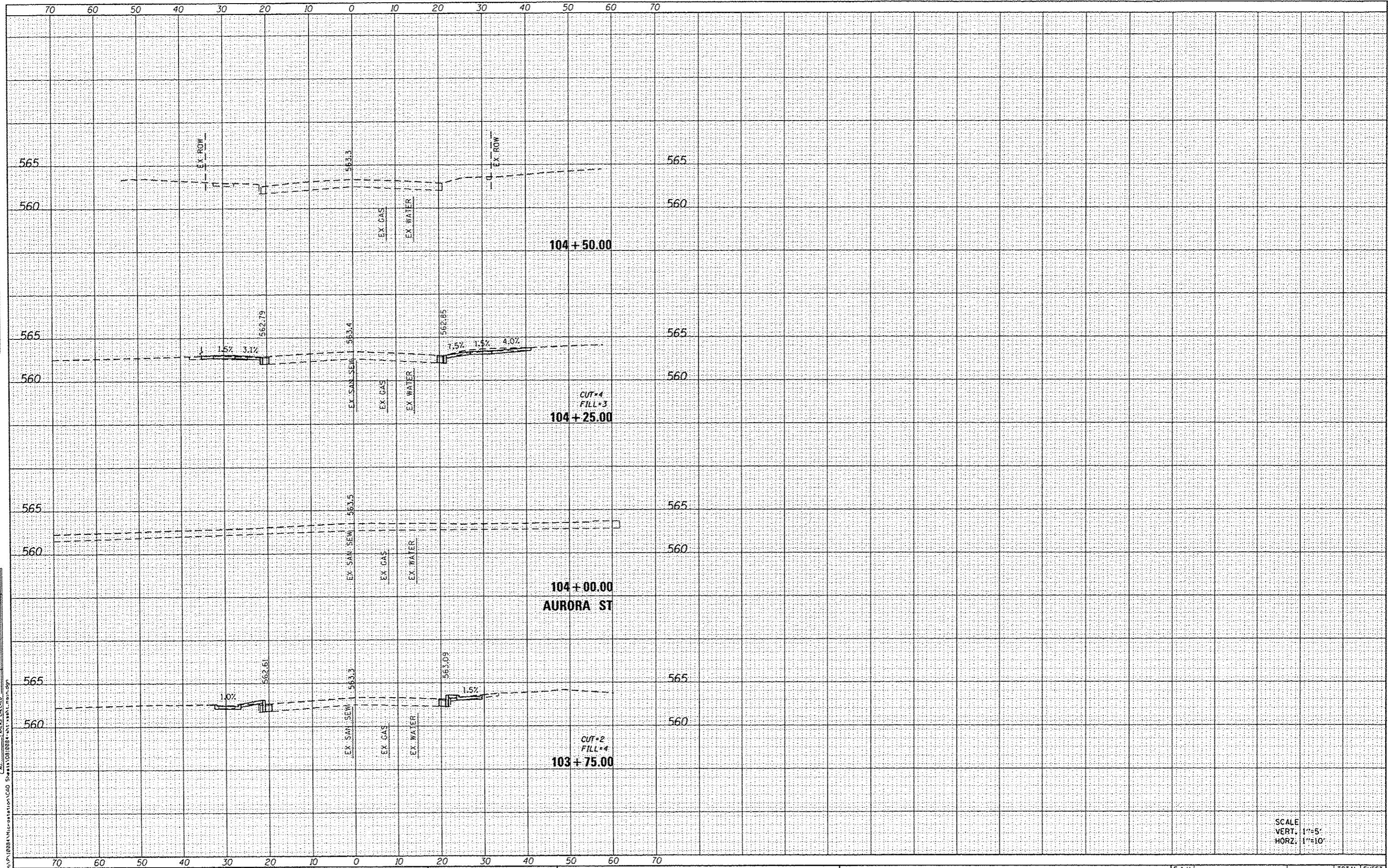
<b>CROSS SECTIONS EAST MAIN STREET</b>			
SCALE:	SHEET	OF	SHEETS
			STA. 101+75.00 TO STA. 103+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	47
			CONTRACT NO.	97603
ILLINOIS FED. AID PROJECT				

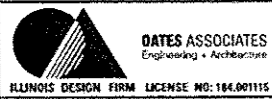
SCALE  
VERT. 1"=5'  
HORIZ. 1"=10'

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

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



FILE NAME: I:\P\10084\Microstation\CAD Sheets\10084-04-LS-1.dwg



USER NAME	= maria.graser
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
PLLOT SCALE	= 20.0000' / 1"
PLLOT DATE	= 5/20/2015

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA. 103+75.00	TO STA. 104+50.00
--------	-------	----	--------	----------------	-------------------

**CROSS SECTIONS  
EAST MAIN STREET**

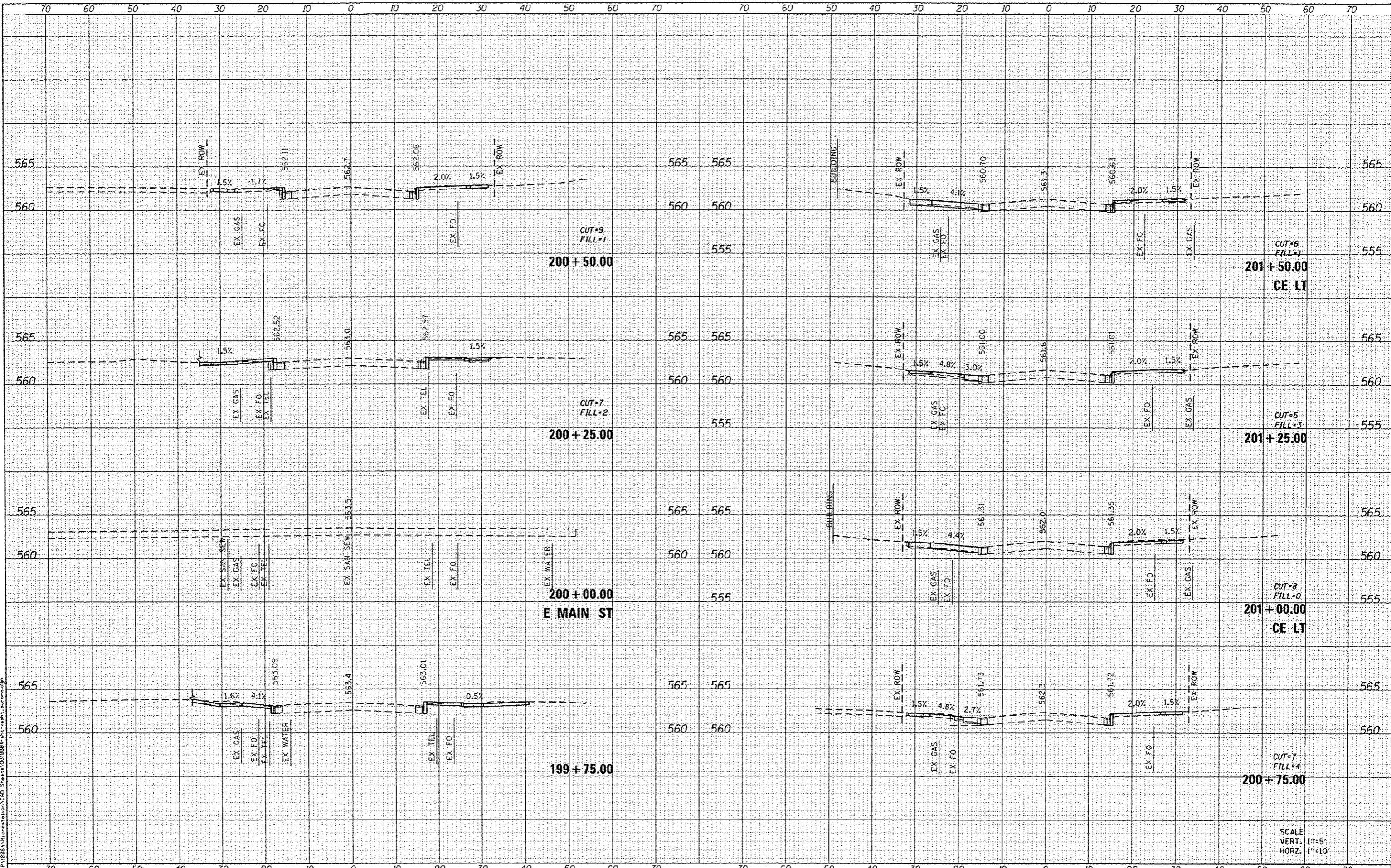
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	48
			CONTRACT NO. 97603	
ILLINOIS FED. AID PROJECT				

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



DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	

DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	



**DATES ASSOCIATES**  
Engineering + Architecture  
ILLINOIS DESIGN FIRM LICENSE NO: 184-081115

USER NAME = mario.grosser  
DESIGNED -  
DRAWN -  
CHECKED -  
DATE -  
PLOT SCALE = 20.0000' / 1" = 20'  
PLOT DATE = 5/28/2015

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -  
REVISED -  
REVISED -  
REVISED -  
REVISED -

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

**CROSS SECTIONS**  
**AURORA STREET**  
SCALE: SHEET OF SHEETS STA. 199+75.00 TO STA. 201+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-00081-04-LS	MADISON	56	49
CONTRACT NO. 97603			ILLINOIS FED. AID PROJECT	

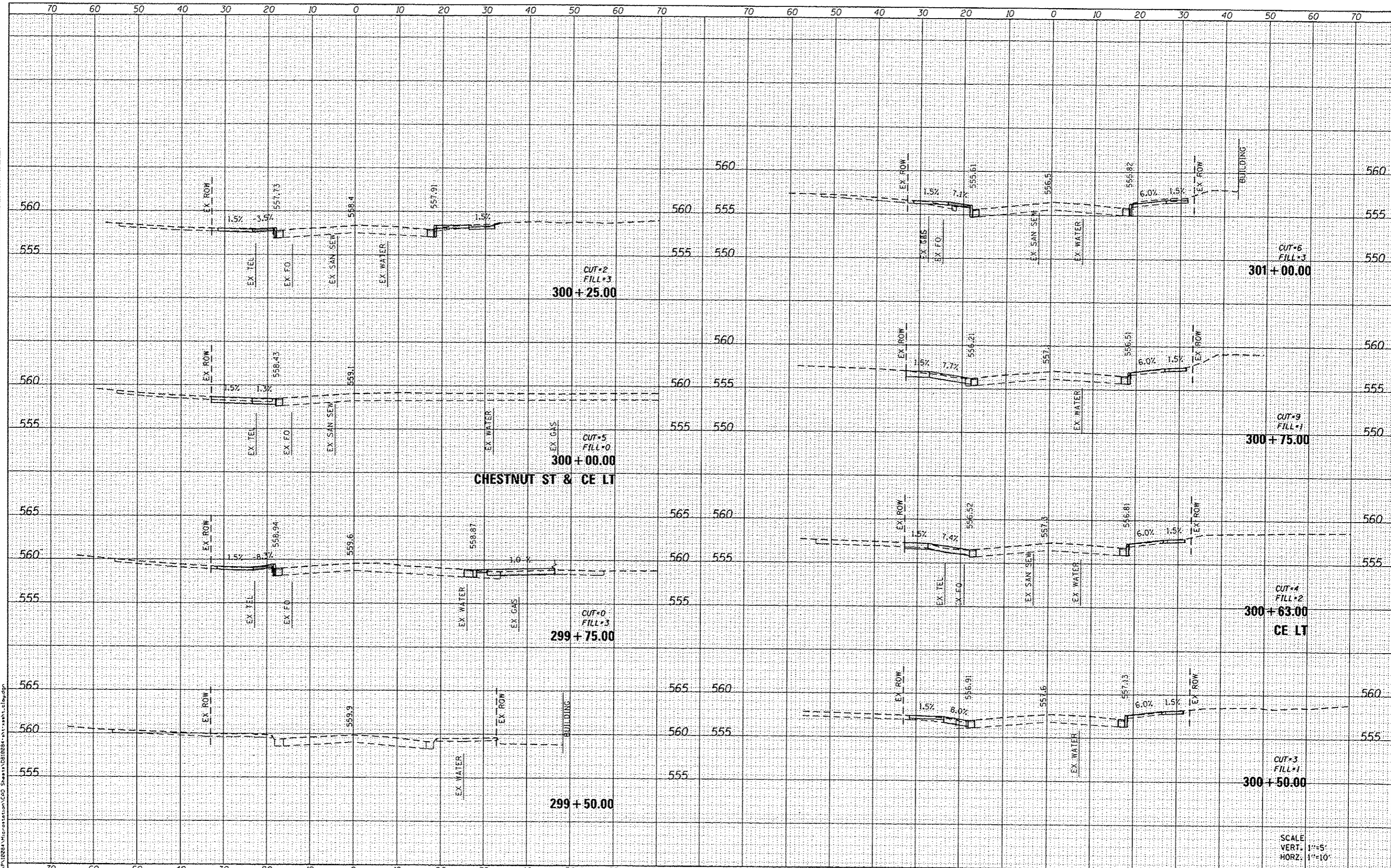
SCALE  
VERT. 1"=5'  
HORZ. 1"=10'





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

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



**DATES ASSOCIATES**  
 Engineering & Architecture  
 ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

USER NAME : moisig.gross	DESIGNED -	REVISED -
PLOT SCALE = 20.0000 / in.	DRAWN -	REVISED -
PLOT DATE = 5/28/2015	CHECKED -	REVISED -
	DATE -	REVISED -

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

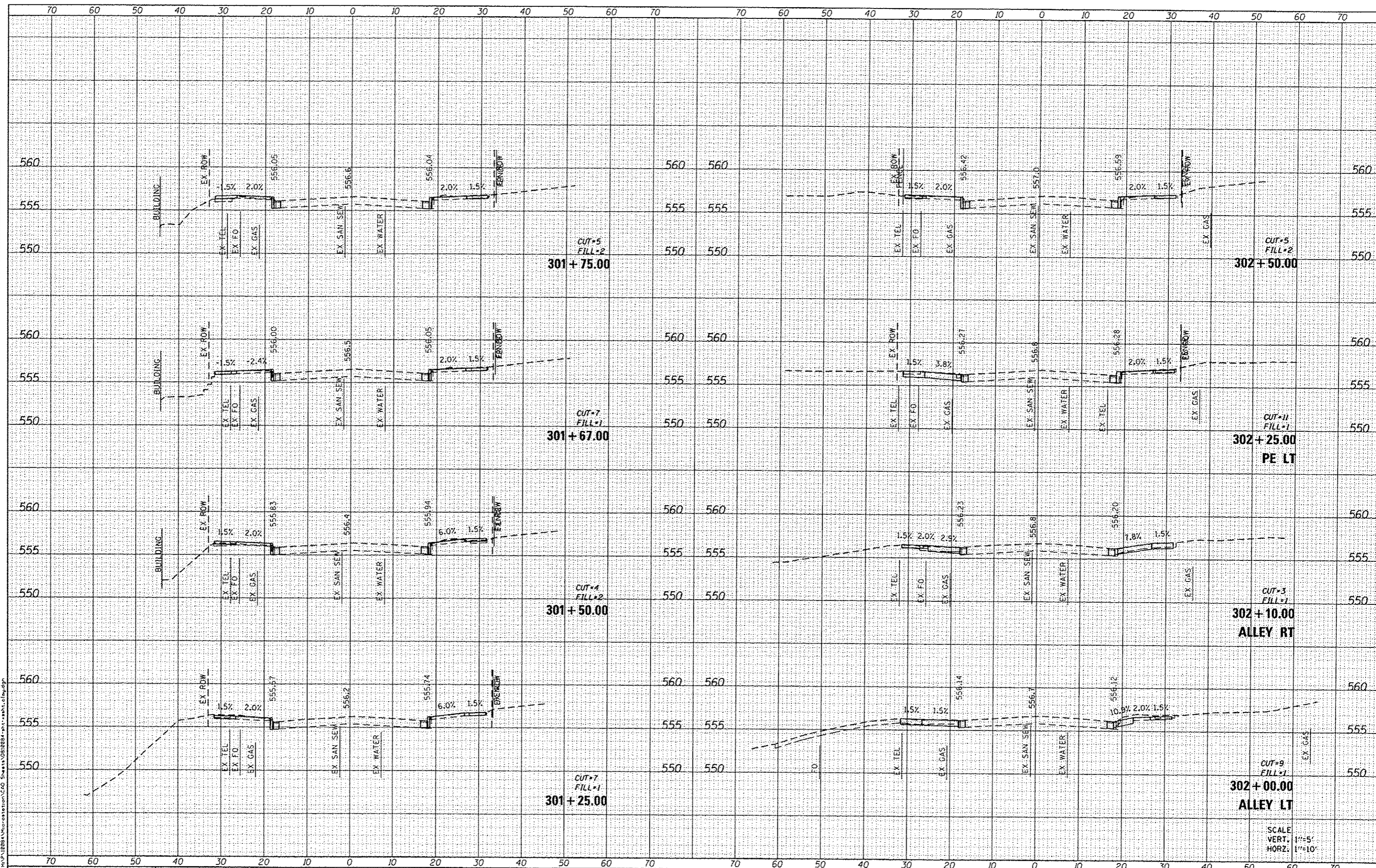
SCALE:	SHEET	OF	SHEETS	STA. 299+50.00	TO	STA. 301+00.00
--------	-------	----	--------	----------------	----	----------------

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-0081-04-L5	MADISON	56	52
CONTRACT NO. 97603			ILLINOIS FED. AID PROJECT	

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

FINL	DATE
SURVEY	
NOTED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

BY	DATE



DATE ASSOCIATES  
Engineering & Architecture  
ILLINOIS DESIGN FIRM LICENSE NO: 184.001115

USER NAME: mario.graser  
DESIGNED: -  
DRAWN: -  
CHECKED: -  
DATE: -  
PLOT SCALE: 20.0000' / 1"  
PLOT DATE: 5/28/2015

DESIGNED: -  
DRAWN: -  
CHECKED: -  
DATE: -  
REVISED: -  
REVISED: -  
REVISED: -  
REVISED: -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

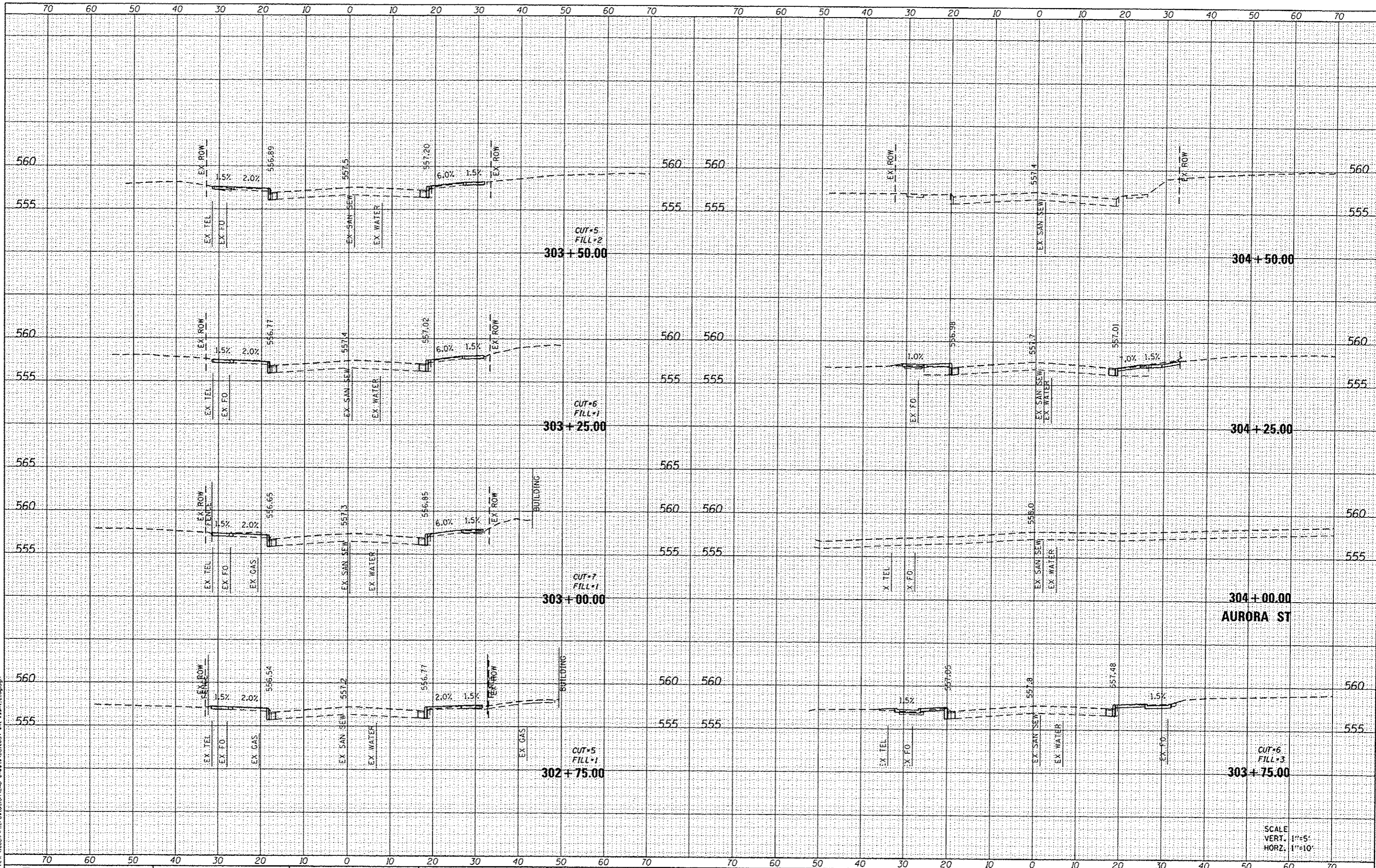
CROSS SECTIONS  
EAST CLAY STREET  
SCALE: SHEET OF SHEETS STA. 301+25.00 TO STA. 302+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-0081-04-LS	MADISON	56	53
CONTRACT NO. 97603				

ILLINOIS FED. AID PROJECT

DATE	
BY	
FINI SURVEY	
SURVEY	
PLOTTED	
NOTE BOOK	
NO.	
AREAS CHECKED	

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



FILE NAME: R:\P1\8884 Microstation\CAD Sheets\081003-13-04-15\13-04-15.dgn

**OATES ASSOCIATES**  
Engineering • Architecture  
ILLINOIS DESIGN FIRM LICENSE NO. 184.00115

USER NAME: moisie.grover  
DESIGNED -  
DRAWN -  
CHECKED -  
DATE -  
PLOT SCALE = 20.0000' / 1"  
PLOT DATE = 5/28/2015

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -  
REVISED -  
REVISED -  
REVISED -  
REVISED -

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

**CROSS SECTIONS**  
**EAST CLAY STREET**  
SCALE: SHEET OF SHEETS STA. 302+75.00 TO STA. 304+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13-0081-04-15	MADISON	56	54
CONTRACT NO. 97603				
ILLINOIS FED. AID PROJECT				

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



