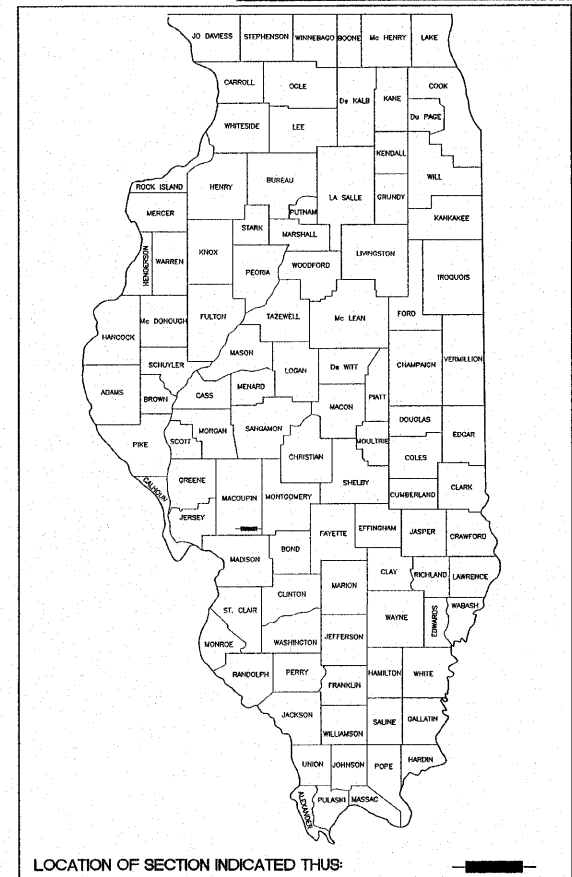


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8136	09-00036-02-PV	MACOUPIN	29	1
CONTRACT # 93521			FEDERAL AID PROJECT	

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**  
**PLANS FOR PROPOSED**  
**SURFACE TRANSPORTATION / URBAN PROGRAM**  
**(w/ ARRA & TARP)**  
**FAU ROUTE 8136 (MAIN STREET)**  
**SECTION 09-00036-02-PV**  
**PROJECT NO. ARA-M-5001(003)**  
**CITY OF STAUNTON**  
**MACOUPIN COUNTY**  
**JOB NO. C-96-235-10**

**INDEX OF SHEETS**

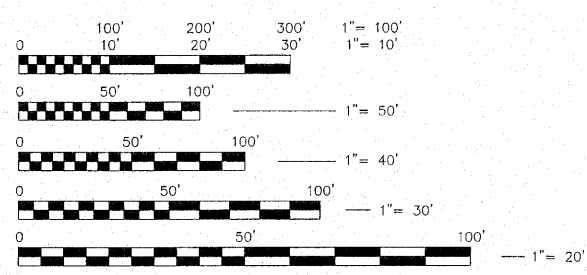
1	COVER SHEET
2	GENERAL NOTES
3	SUMMARY OF QUANTITIES
4-5	EXISTING TYPICAL SECTIONS
6	PROPOSED TYPICAL SECTIONS
7-9	SCHEDULES
10	REFERENCE TIES
11-13	ROADWAY PLAN & PROFILE SHEETS
14-15	STAGE CONSTRUCTION / TRAFFIC CONTROL PLANS
16-17	RIGHT OF WAY
18-19	INTERSECTION DETAILS
20	DETAILS
21-29	ROADWAY CROSS SECTIONS



**STANDARDS**  
SEE SHEET #2

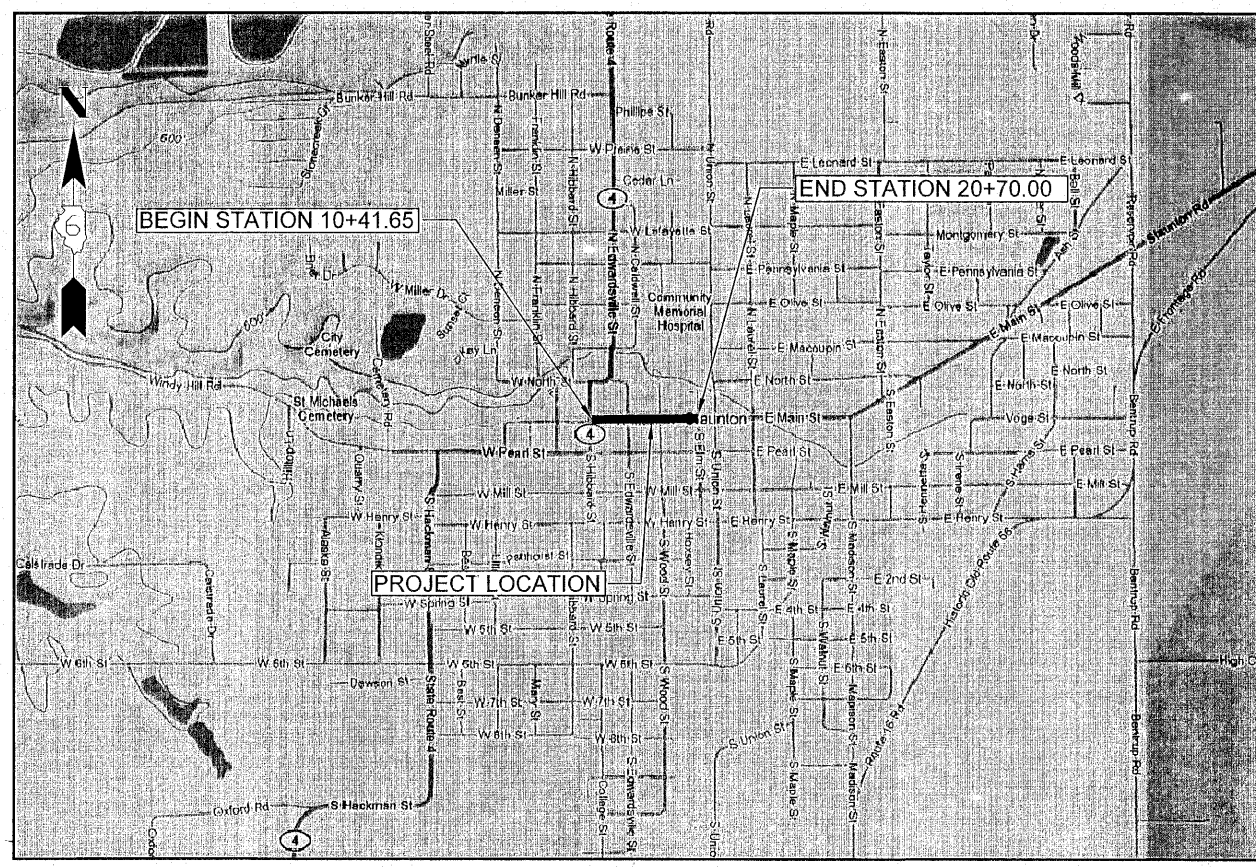
**SECTION DESCRIPTION:**  
W. MAIN STREET RECONSTRUCTION WITH  
8" PCCP FROM HIBBARD ST. TO ELM ST.

PROJECT LENGTH = 1028.35 FEET (0.195 MILES)  
FUNCTIONAL CLASSIFICATION: TWS-2 URBAN COLLECTOR  
DESIGN SPEED = 30 MPH  
DESIGN TRAFFIC YEAR 2030: 13,205 ADT



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZE 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



**LOCATION MAP**  
NOT TO SCALE

APPROVED November 24 2009  
*John Willmon*  
JOHN WILLMON, MAYOR - CITY OF STAUNTON

PASSED JANUARY 27 2010  
*Tom Felt*  
DISTRICT 6 ENGINEER OF LOCAL ROADS & STREETS  
*Ron Julian*  
DISTRICT 6 ENGINEER OF CONSTRUCTION

RELEASING FOR BID BASED UPON LIMITED REVIEW:  
JANUARY 27 2010  
*Roger J. Duskell*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 4 ENGINEER

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

*Douglas L. Kinzinger*  
DOUGLAS L. KINZINGER, P.E.  
ILL. LICENSE NO. 062-043738  
EXPIRES 11-30-2011  
DATE 11-24-09

**HENEGHAN AND ASSOCIATES, P.C.**  
310A VISION DRIVE  
COLUMBIA, IL. 62236  
PHONE NO. (618) 281-8133  
FAX NO. (618) 281-8290  
FILE NO. 01619-301  
ENGINEERS - SURVEYORS  
DESIGN FIRM NUMBER 184-002692, EXPIRES APRIL 30, 2011

CONTRACT NO. 93521

**GENERAL CONSTRUCTION:**

- THESE IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007, AND SPECIAL PROVISIONS.
- THE CONTRACTOR SHALL CONFINE HIS OPERATIONS WITHIN THE CONSTRUCTION LIMITS INDICATED ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- ANY STANDARD NUMBER LISTED SHALL BE INTERPRETED TO BE THE COPY OF THE STANDARDS INCLUDED IN THE PLANS.
- THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE ENGINEER AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE OF ANY CONSTRUCTION ACTIVITIES OR WORK REQUIRING INSPECTION OR APPROVAL BY THE AFFECTED UNITS OF GOVERNMENT.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- WHERE SECTION OR SUB-SECTION STONES OR PROPERTY MARKERS ARE ENCOUNTERED THE ENGINEER SHALL BE NOTIFIED BEFORE STONES ARE DISTURBED. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL PROPERTY MARKERS UNTIL AN AUTHORIZED SURVEYOR HAS WITNESSED OR REFERENCED THEIR LOCATION.
- ALL STATIONS AND OFFSETS (O/S) REFERENCES ARE TO THE PROPOSED ROADWAY CENTERLINE.

**TRAFFIC CONTROL:**

- ALL TRAFFIC CONTROL (INCLUDING, BUT NOT LIMITED TO WORK ZONE, TEMPORARY, AND PERMANENT) SHALL BE FURNISHED, INSTALLED, MAINTAINED, RELOCATED, AND/OR REMOVED IN ACCORDANCE WITH DIVISION 700 OF THE ABOVE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007 AND THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES IN EFFECT ON THE DATE OF THE INVITATION FOR BIDS. THE DELIVERY, INSTALLATION, MAINTENANCE, RELOCATION, AND/OR REMOVAL OF ALL TRAFFIC CONTROL DEVICES (REQUIRED IN THESE PLANS, THE SPECIAL PROVISIONS, AND/OR FIELD IMPLEMENTED) SHALL BE INCLUDED IN THE TRAFFIC CONTROL AND PROTECTION PAY ITEM LISTED IN THE SUMMARY OF QUANTITIES.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- ALL BLANK SIGN POSTS DESIGNATED ON THE PLANS TO BE REMOVED SHALL BE REMOVED WITH THE OTHER SIGNS. THE POSTS SHALL BE STOCKPILED FOR THE CITY TO SALVAGE. ALL COSTS INCURRED SHALL BE INCIDENTAL TO EARTH EXCAVATION.
- FOUR (4) INCH PVC SLEEVES SHALL BE SET IN THE NEW SIDEWALK TO FACILITATE RE-SETTING OF TRAFFIC CONTROL SIGNS. ALL COSTS TO BE INCIDENTAL TO THE 4" P.C.C. SIDEWALK.

**UTILITIES:**

- THE TYPE, SIZE, AND LOCATION OF UTILITIES, AS DELINEATED IN THESE DOCUMENTS, HAVE BEEN DETERMINED BY REVIEW OF AVAILABLE EXISTING RECORD DRAWINGS, OR FIELD SURVEY OF ABOVE GROUND SURFACE UTILITY FEATURES. THE OWNER AND ENGINEER HAVE NOT UNDERTAKEN SUBSURFACE EXPLORATORY INVESTIGATIONS TO CONFIRM OR VERIFY THE UTILITIES SHOWN ON THESE DOCUMENTS; THEREFORE THEIR EXACT LOCATION, SIZE, AND FUNCTION MUST BE CONSIDERED APPROXIMATE AND MUST BE FIELD CONFIRMED BY THE CONTRACTOR.
- THE ENGINEER AND OWNER DO NOT WARRANT THAT ALL UTILITIES HAVE BEEN ILLUSTRATED ON THESE DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTACTING J.U.L.I.E. FOR FIELD VERIFICATION OF ALL UTILITIES ON THE SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE J.U.L.I.E. NUMBER IS 800-892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED. THIS PROJECT LIES IN SECTIONS 31 & 32 OF TOWNSHIP 7N, RANGE 6W IN MACOUPIN COUNTY. IF THE CONTRACTOR DETERMINES THAT SUBSTANTIAL DISCREPANCY EXISTS BETWEEN FIELD VERIFIED UTILITIES AND THESE PLANS (WHICH WOULD SIGNIFICANTLY AFFECT THE FUNCTION, COST, OR PERFORMANCE OF THE PROJECT), THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER FOR CLARIFICATION AND PROJECT DIRECTION.
- ANY FACILITIES OR APPURTENANCES OF A PUBLICLY OR PRIVATELY OWNED UTILITY COMPANY, WHICH ARE IN DIRECT VIOLATION OF ILLINOIS DEPARTMENT OF TRANSPORTATION POLICIES AND PROCEDURES, SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNER(S) OF ANY SUCH FACILITY AND COORDINATE HIS OPERATIONS TO PROMOTE PROMPT UTILITY ADJUSTMENT AND REASONABLE CONSTRUCTION PROGRESS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS.
- ALL UTILITY FACILITIES THAT REQUIRE RELOCATION WITHIN R.O.W. SHALL BE COMPLETED BY THE UTILITY COMPANY UNLESS OTHERWISE SHOWN ON THE PLANS.
- THE FOLLOWING ENTITIES HAVE UTILITY FACILITIES WITHIN/DIRECTLY ADJACENT TO THE CONSTRUCTION LIMITS OF THIS PROJECT:

CITY OF STAUNTON (SEWER & WATER)  
304 W. MAIN STREET  
STAUNTON, IL 62088  
PH: (618) 635-2233

AMREN IP (GAS & ELECTRIC)  
P.O. BOX 2543  
DECATUR, IL 62525  
PH: 800-363-6805

MADISON COMMUNICATIONS (CABLE & TELEPHONE)  
21668 DOUBLE ARCH ROAD  
STAUNTON, IL 62088  
PH: (618) 635-5000

**DRAINAGE CONSTRUCTION:**

- ANY EXISTING CULVERTS OR STORM SEWERS TO REMAIN-IN-PLACE THAT ARE DAMAGED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S SOLE EXPENSE.
- ALL EXISTING PIPE CULVERTS AND STORM SEWERS SHOWN ON THE PLANS TO BE REMOVED BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE.
- OFFSETS (O/S) FOR STORM SEWER STRUCTURES ARE TO THE BACK OF CURB FOR TYPE 3 F&G, OR TO CENTER OF TYPE 1 F&L. TOP ELEVATIONS FOR STORM SEWER STRUCTURES ARE TO TOP OF FRAME OR LID.

**PAVEMENT CONSTRUCTION:**

- SAW CUTTING OF EXISTING PAVEMENT, NECESSARY FOR ITS REMOVAL, SHALL BE INCLUDED IN THE COST OF THE ITEMS FOR WHICH THE SAW CUT IS BEING MADE.
- THE REMOVAL OF ALL EXISTING AGGREGATE ENTRANCE PAVEMENT SHALL BE INCLUDED IN THE EARTH EXCAVATION QUANTITY AND SHALL NOT BE MEASURED, NOR PAID FOR, AS A SEPARATE REMOVAL ITEM.
- THE CONTRACTOR SHALL SEAL THE TRANSVERSE CONTRACTION JOINTS WITH HOT-POURED JOINT SEALER.
- THE CONTRACTOR SHALL SEAL THE LONGITUDINAL JOINTS AT THE CENTER LINE, SHOULDER LINE AND CURB LINE WITH HOT-POURED JOINT SEALER.

**PAVEMENT MARKING & SIGNAGE:**

- ALL PAVEMENT MARKING AND SIGNAGE SHALL BE IMPLEMENTED ACCORDING TO SECTION 700 OF THE ABOVE REFERENCED EDITION OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES IN EFFECT ON THE DATE OF THE INVITATION FOR BIDS.

**SEEDING & EROSION CONTROL:**

- THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH THE PROVISIONS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER PERMIT AND IMPLEMENT THE EROSION CONTROL PLAN INCLUDED IN THESE PLANS, AS SPECIFIED IN ARTICLE 107.23. THE ENGINEER MUST GIVE PRIOR APPROVAL BEFORE DISTURBANCE OF ANY AREA CAN BEGIN.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL EROSION AND DISPLACED SEDIMENT DOES NOT MIGRATE OFF SITE. IF UNEXPECTED EROSION OR SEDIMENTATION OCCURS OR IF THE EROSION CONTROL STRUCTURES BECOME DAMAGED, THE CONTRACTOR SHALL PROVIDE SUFFICIENT MEASURES TO REPAIR, REPLACE, OR INSTALL EROSION CONTROL STRUCTURES TO INSURE OFF-SITE DAMAGE DOES NOT OCCUR. ANY SEDIMENT OR EROSION DAMAGE WHICH OCCURS OFF-SITE SHALL BE REPAIRED AT THE CONTRACTOR'S SOLE EXPENSE.

**SIDEWALKS**

- IN CALCULATING QUANTITIES IT WAS ASSUMED THAT THE EXISTING SIDEWALKS ARE FOUR (4) INCHES IN DEPTH. KNOWING THAT THE NEW SIDEWALK WILL BE SLIGHTLY HIGHER IN SEVERAL LOCATIONS AND THAT THE EXISTING WALK MAYBE THICKER THAN FOUR (4) INCHES THE QUANTITIES INCLUDE A BID ITEM OF AGGREGATE BASE COURSE TYPE B PAYABLE ON A PER TON BASIS. THIS ITEM WAS ESTABLISHED TO PROVIDE A UNIT PRICE FOR THE CONTRACTOR TO PROVIDE SAME WHERE NEEDED.
- CONTRACTOR SHALL CAREFULLY SAW CUT THE EXISTING SIDEWALK FROM STATION 18+93.1 TO STATION 19+93.6 RIGHT AND STATION 16+91.9 TO STATION 17+42.2 LEFT. THE EXISTING SIDEWALK SOUTH AND NORTH OF THESE SAW CUTS SHALL REMAIN. NEW SIDEWALK TO MATCH REMAINING SIDEWALK.

**SANITARY**

- WHEN REPLACING THE SANITARY SEWER MAIN IN FRONT OF CITY HALL THE CONTRACTOR MAY PLUG THE EXISTING LATERAL FOR SHORT PERIODS OF TIME IN LIEU OF BY-PASS PUMPING. HOWEVER THE CONTRACTOR WILL BE REQUIRED TO MONITOR THE INCOMING FLOW AND RELEASE OR PUMP THE FLOW INTO SANITARY SEWERS BEFORE ANY SEWAGE BACKUP OCCURS IN CITY HALL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL COSTS TO CLEAN UP AND REPAIR SHOULD A BACKUP OCCUR WHILE THE CONTRACTOR IS REPLACING THE SANITARY SEWER.
- AS DETAILED ON THE PLANS THE SANITARY MANHOLE AT STATION 16+72, 17 FEET RIGHT SHALL BE RECONSTRUCTED BY CONVERTING IT TO A DROP MANHOLE TO FACILITATE THE NEW SANITARY SEWER MAIN FROM CITY HALL.

**CURB AND GUTTER**

- M-4.18 CURB AND GUTTER STA. 11+80 RT. TO STA. 12+00 RT., TAPER EACH SIDE AT 1"1' TO FULL DEPRESSED CURB BEYOND THE WIDTH OF THE ENTRANCE. PAYMENT FOR THE CURB AND GUTTER AT THIS ENTRANCE TO BE MADE UNDER THE PAY ITEM B-6.18.

HMA MIXTURE REQUIREMENTS			
ITEM	MIXTURE COMP	ASPHALT GRADE	DESIGN VOIDS
INCIDENTAL SURFACING	IL 9.5 or 12.5 MIX 'C'	PG 64-22	4% @ N50

**STANDARDS**

000001-05	604001-03	728001-01
280001-05	604006-04	780001-02
424001-05	604011-04	BLR 10-6
602301-02	606001-04	BLR 14-10
602306-02	701801-04	BLR 21-8
602401-02	701901-01	BLR 22-6
602601-02	720001-01	
602701-02	720006-02	

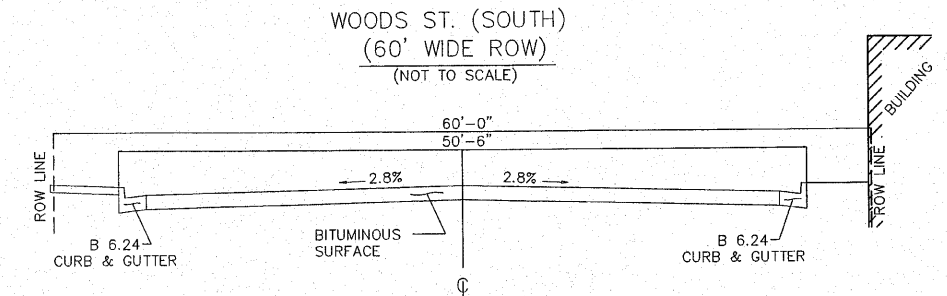
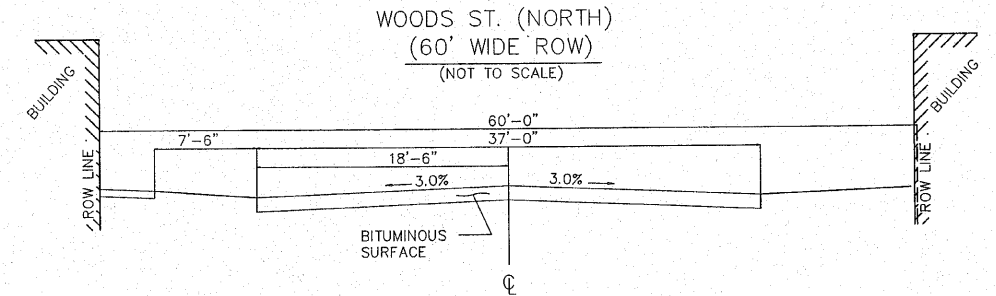
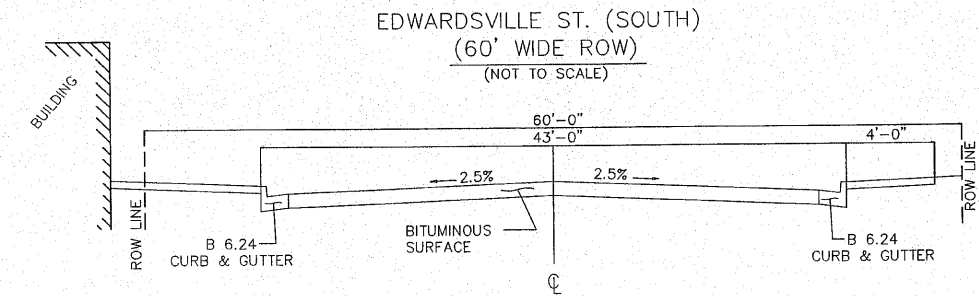
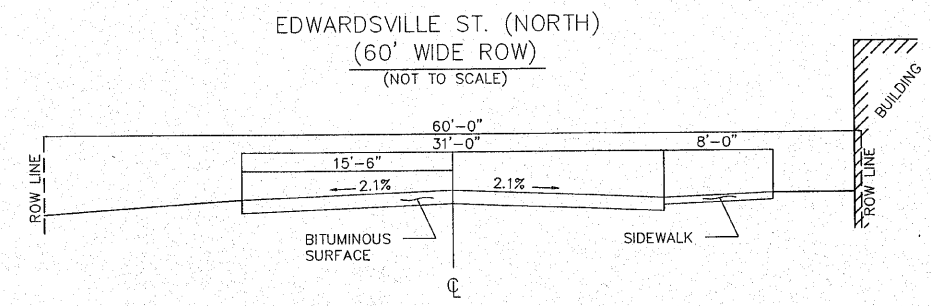
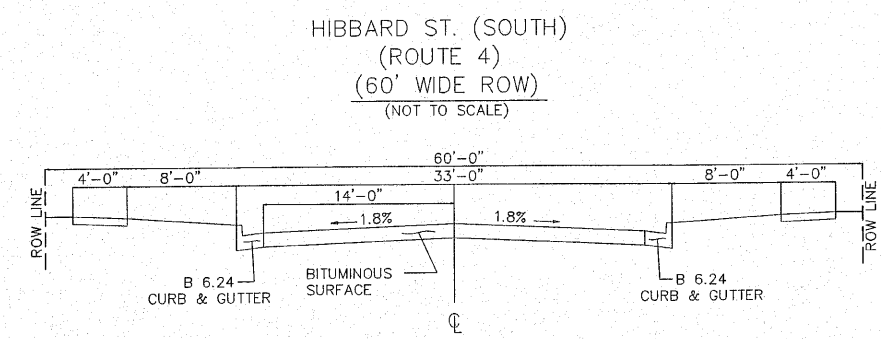
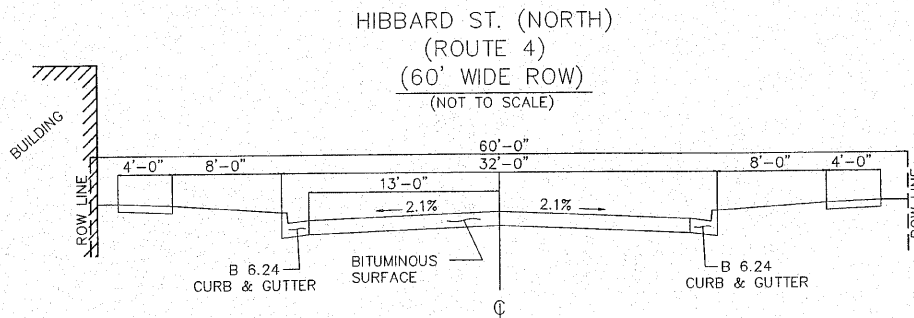
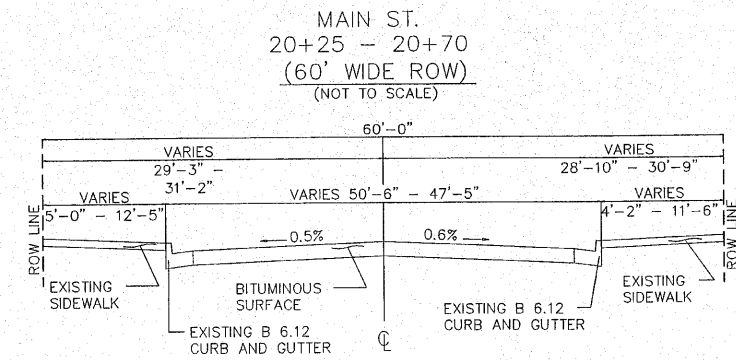
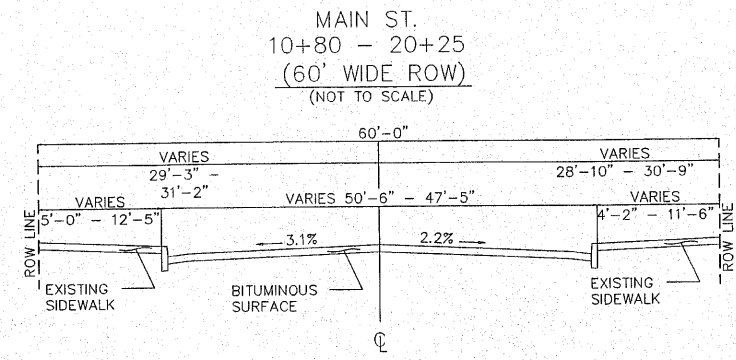
SUMMARY OF QUANTITIES					
Code Number	Item	Unit	Quantity	J000-2A Cost Share	Y060 100% City
20200100	EARTH EXCAVATION	CU YD	50	50	
20800150	TRENCH BACKFILL	CU YD	239	239	100
25000100	SEEDING, CLASS 1	ACRE	0.9	0.9	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	81	81	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	81	81	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	81	81	
25100115	MULCH, METHOD 2	ACRE	0.9	0.9	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	90	90	
28000500	INLET AND PIPE PROTECTION	EACH	6	6	
35101400	AGGREGATE BASE COURSE, TYPE B	TON	33	33	
35101700	AGGREGATE BASE COURSE, TYPE B 5"	SQ YD	5,799	5,799	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100	100	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	66	66	
40600900	TEMPORARY RAMP	SQ YD	58	58	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	21	21	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	55	55	
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	5,293	5,293	
42001300	PROTECTIVE COAT	SQ YD	240	240	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ FT	12,393	12,393	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	66	66	
42400800	DETECTABLE WARNINGS	SQ YD	5,582	5,582	
44000100	PAVEMENT REMOVAL	SQ YD	243	243	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	253	253	
44000200	DRIVEWAY PAVEMENT REMOVAL	FOOT	1,647	1,647	
44000300	CURB REMOVAL	FOOT	118	118	
44000600	COMBINATION CURB AND GUTTER REMOVAL	SQ FT	12,336	12,336	
44000600	SIDEWALK REMOVAL	FOOT	62	62	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12" (RCCP)	FOOT	24	24	
550A0070	STORM SEWERS, CLASS A, TYPE 1 15" (RCCP)	FOOT	81	81	
550A0340	STORM SEWERS, CLASS A, TYPE 2 12" (RCCP)	FOOT	92	92	
550A0360	STORM SEWERS, CLASS A, TYPE 2 15" (RCCP)	FOOT	288	288	
550A0410	STORM SEWERS, CLASS A, TYPE 2 24" (RCCP)	FOOT	54	54	
550A0660	STORM SEWERS, CLASS A, TYPE 3 15" (RCCP)	FOOT	39	39	
55100100	STORM SEWER REMOVAL 4"	FOOT	189	189	
55100300	STORM SEWER REMOVAL 8"	FOOT	26	26	
55100400	STORM SEWER REMOVAL 10"	FOOT	45	45	
55100500	STORM SEWER REMOVAL 12"	FOOT	41	41	
55101200	STORM SEWER REMOVAL 24"	FOOT	13	13	
55101600	STORM SEWER REMOVAL 36"	FOOT	50	50	
* S 56106400	ADJUSTING WATER MAIN 8"	EACH	8	8	
* S 56109210	WATER VALVES TO BE ADJUSTED	FOOT	60	60	
* S 56300300	ADJUSTING WATER SERVICE LINES	FOOT	13	13	
* S 56500300	DOMESTIC METER VAULTS TO BE ADJUSTED	EACH	3	3	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	5	5	
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	3	3	
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	5	5	
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1	
60257900	MANHOLES TO BE RECONSTRUCTED	FOOT	17	17	
60600605	CONCRETE CURB, TYPE B	FOOT	1811	1811	
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	EACH	11	11	
S 66700105	PERMANENT SURVEY MARKERS (SPECIAL)	CU YD	20	20	
* S 66900200	NON-SPECIAL WASTE DISPOSAL	L SUM	1	1	
* S 66900450	SPECIAL WASTE PLANS AND REPORTS	EACH	2	2	
* S 66900510	BETX - PNAS SOIL ANALYSIS	EACH	2	2	
* S 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2	
* S 66900635	LEAD TCLP SOIL ANALYSIS	L SUM	1	1	
S 67100100	MOBILIZATION	L SUM	1	1	
S 70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	1	

NOTE:  
 \* = SPECIALTY ITEMS  
 S = SPECIAL PROVISION

SUMMARY OF QUANTITIES					
Code Number	Item	Unit	Quantity	J000-2A Cost Share	Y060 100% City
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	5.0	5.0	
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	23	23	
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	32.8	32.8	
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	368	368	
78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	23.5	23.5	
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	3,570	3,570	
78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	1,050	1,050	
78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	151	151	
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	1,980	1,980	
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1,980	1,980	
S 20012450	CONCRETE STEPS	CU YD	0.7	0.7	
S 20018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	8	8	
* S X001388	SANITARY SEWERS, PVC, 8"	FOOT	98		98
S X0017570	MANHOLES TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	1	1	
S X0018180	REMOVE AND RE-ERECT SEGMENTAL BLOCK RETAINING WALL	SQ FT	35	35	
S X0031171	REMOVE AND REINSTALL MODULAR CONCRETE PAVERS	SQ FT	35	35	
S X006642	STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 2, 15"	FOOT	18	18	
S X006643	STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 2, 24"	FOOT	37	37	
S X006907	DOWNSPOUT OUTLET FLUME	EACH	2	2	
* S X007510	REMOVE AND REPLACE SANITARY MANHOLES, 4' DIAMETER, 8-12 FEET DEEP	EACH	1		1
* S X0320374	PLUG EXISTING SANITARY SEWERS	EACH	1		1
* S X0323221	PLUG AND ABANDON EXISTING PIPE	CU YD	0.1	0.1	
S X0323381	STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 1, 12"	FOOT	41	41	
S X020074	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	2	2	
S X020075	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	EACH	1	1	

NOTE:  
 \* = SPECIALTY ITEMS  
 S = SPECIAL PROVISION

FILE NAME = 01819-301	USER NAME = Webster, Chris	DESIGNED - CSH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	QUANTITIES	F.A.U. RTE. 8136	SECTION 09-00036-02-PV	COUNTY MACOUPIN	TOTAL SHEETS 29	SHEET NO. 3
	PLOT SCALE = 1:1	CHECKED - DLK	REVISED -			SCALE: NA	SHEET NO. 3 OF 29 SHEETS	STA. NA	TO STA. NA	CONTRACT NO. 93521
	PLOT DATE = 12/14/2009	DATE = 11/25/09	REVISED -			FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				

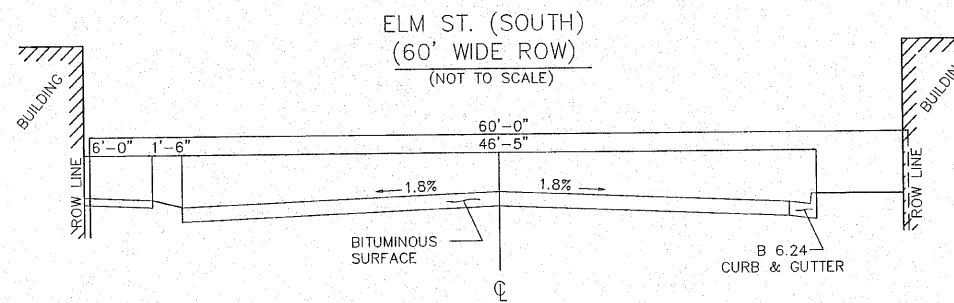
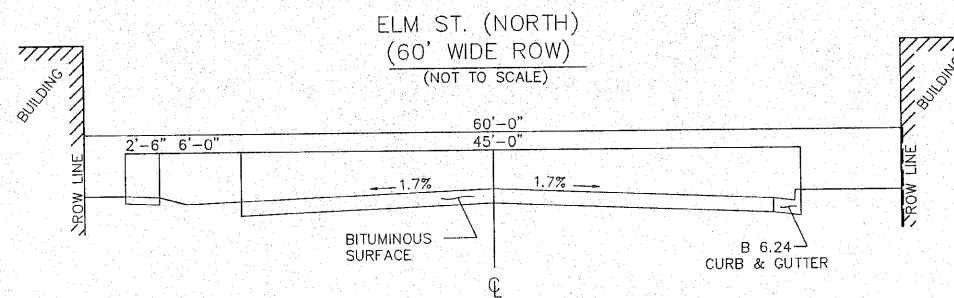


FILE NAME = 01819-301	USER NAME = Webster, Chris	DESIGNED - CSH	REVISED -
	PLOT SCALE = 1:1	DRAWN - CAW	REVISED -
	PLOT DATE = 12/14/2009	CHECKED - DLK	REVISED -
		DATE - 11/25/09	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICALS - EXISTING			
SCALE: NA	SHEET NO. 4 OF 29 SHEETS	STA. NA	TO STA. NA

F.A.U. RTE. 8136	SECTION 09-00036-02-PV	COUNTY MACOUPIN	TOTAL SHEETS 29	SHEET NO. 4
CONTRACT NO. 93521				



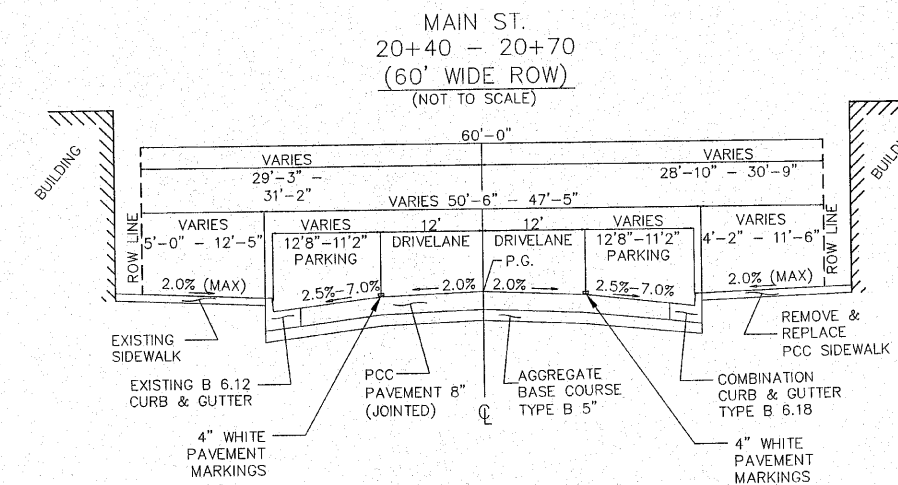
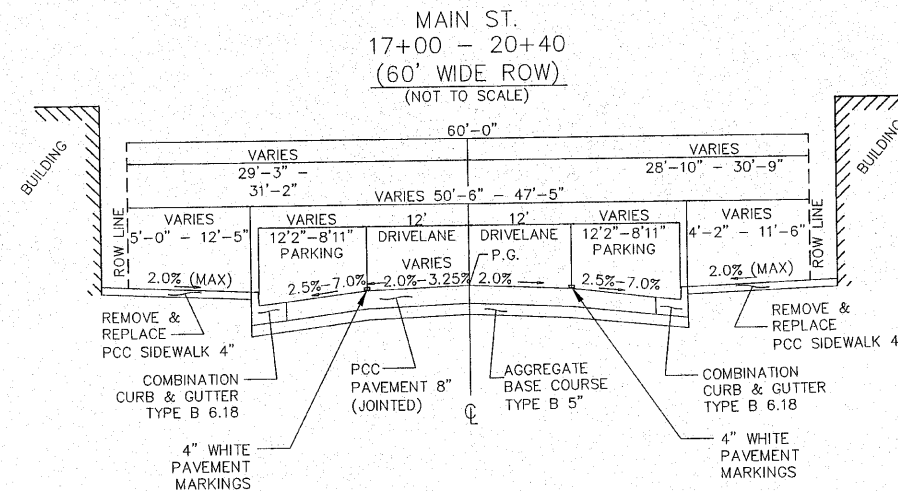
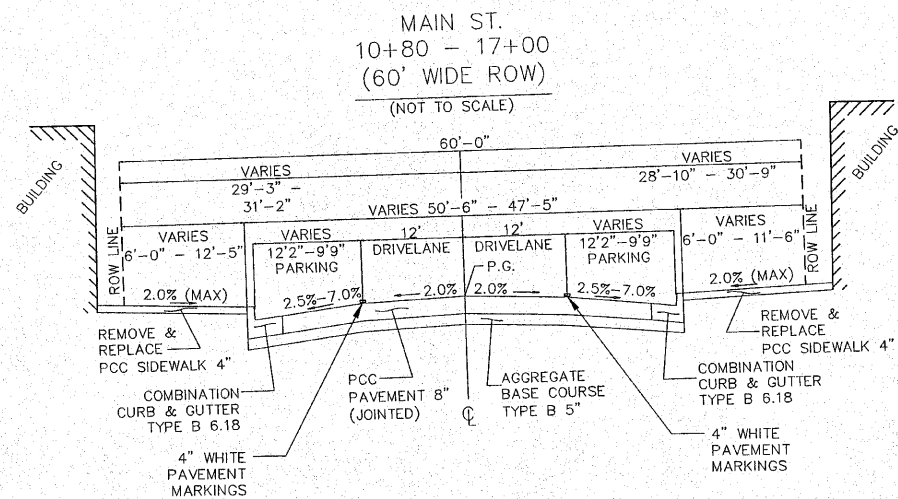
FILE NAME = 01819-301	USER NAME = Webster, Chris	DESIGNED - CSH	REVISED -
		DRAWN - CAW	REVISED -
	PLOT SCALE = 1:1	CHECKED - DLK	REVISED -
	PLOT DATE = 12/14/2009	DATE - 11/25/09	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICALS - EXISTING

SCALE: NA SHEET NO. 5 OF 29 SHEETS STA. NA TO STA. NA

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8136	09-00036-02-PV	MACOUPIN	29	5
CONTRACT NO. 93521			FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT	



STRUCTURAL DESIGN INFORMATION:  
 DESIGN TRAFFIC: 11,505 (2020)  
 (94% PV 2% SU 4% MU)  
 CLASS II ROAD  
 TF = 2.94 (80k lbs)  
 SUBGRADE: FAIR  
 CONSTRUCT 8" PCCP (JOINTED) ON 5" AGG BASE  
 AT 15' MAX (DOWELED) JOINT SPACING

FILE NAME = 01819-301	USER NAME = Webster, Chris	DESIGNED = CSH	REVISED =
		DRAWN = CAW	REVISED =
	PLOT SCALE = 1:1	CHECKED = DLK	REVISED =
	PLOT DATE = 12/14/2009	DATE = 11/25/09	REVISED =

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICALS - PROPOSED

SCALE: NA SHEET NO. 6 OF 29 SHEETS STA. NA TO STA. NA

F.A.U. RTE. 8136	SECTION 09-00036-02-PV	COUNTY MACOUPIN	TOTAL SHEETS 29	SHEET NO. 6
CONTRACT NO. 93521			FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT	

DRAINAGE STRUCTURES SCHEDULE													
STRUCTURE NO.	LOCATION (STATION, OFFSET)		ELEVATIONS		INLET				MANHOLE				
			TOP	INVERT	TYPE A		TYPE B		TYPE A (4' DIA.)	TYPE A (4' DIA.)	TYPE A (6' DIA.)		
					TYPE 1 (OPEN LID) FRAME & GRATE	TYPE 3 FRAME & GRATE	TYPE 3V FRAME & GRATE	TYPE 3 FRAME & GRATE	TYPE 3V FRAME & GRATE	TYPE 1 (CLOSED LID) FRAME & GRATE	TYPE 3V FRAME & GRATE	TYPE 1 (CLOSED LID) FRAME & GRATE	
WEST MAIN STREET													
1	13+42.47	35.55' RT	620.98	617.68				1					
2	13+85.15	35.19' RT	620.93	617.89		1							
3	16+55.04	13.50' LT	619.90	605.66							1		
4	16+30.99	24.16' LT	619.72	613.10			1						
5	16+92.30	13.44' LT	619.66	612.79						1			
6	16+92.62	24.39' LT	619.52	616.00		1							
7	19+80.00	13.04' LT	621.53	614.22						1			
8	19+80.00	24.04' LT	621.32	617.89		1							
9	19+94.91	23.87' RT	621.50	614.42				1					
10	20+02.38	33.78' RT	621.58	618.03		1							
11	16+54.09	40.38' RT	620.23	607.50						1			
12	16+36.90	40.38' RT	620.23	607.50									
13	16+24.68	23.85' RT	620.01	616.15				1					
14	16+02.47	37.23' RT	619.80	616.96		1							
15	16+96.07	35.06' RT	619.90	615.62						1			
16	16+96.98	24.18' RT	619.98	616.81									
17	16+85.04	42.90' RT	619.90	616.26		1							
<b>TOTAL</b>						1	5	2	3	1	3	1	1

DRAINAGE STRUCTURE REMOVAL SCHEDULE	
LOCATION (STATION, OFFSET)	
WEST MAIN STREET	
13+39	26.5' RT
16+02	38.9' RT
16+39	26.6' RT
16+39	26.4' LT
16+55	0.3' LT
16+80	3.7' RT
16+82	41.7' RT
16+84	26.8' LT

SURVEY MONUMENT SCHEDULE	
LOCATION (STATION, OFFSET)	
WEST MAIN STREET	
11+80.03	30.62' LT
11+80.01	29.38' RT
13+30.15	29.30' RT
13+90.05	30.74' LT
14+50.37	30.77' LT
15+40.37	30.82' LT
15+71.51	30.84' LT
15+92.50	30.76' LT
16+31.82	30.87' LT
19+93.57	31.08' LT
20+53.60	28.89' RT

STORM SEWER REMOVAL SCHEDULE								
FROM LOCATION (STATION, OFFSET)	TO LOCATION (STATION, OFFSET)	TYPE	SIZE					
			4" (L.F.)	8" (L.F.)	10" (L.F.)	12" (L.F.)	24" (L.F.)	36" (L.F.)
WEST MAIN STREET								
13+30 LT	13+38 RT	VCP				45		
16+39 LT	16+55 LT	PVC			26			
16+55 LT	16+84 LT	VCP		40				
16+55 LT	16+55 LT	PVC					13	
16+54 RT	16+55 LT	PVC					41	
16+55 LT	16+80 RT	VCP		26				
16+39 RT	16+80 RT	VCP		47				
16+02 RT	16+39 RT	PVC	39					
16+82 RT	16+80 RT	VCP		38				
16+80 RT	16+77 LT	VCP		38				
<b>TOTAL</b>			39	189	26	45	41	13

STORM SEWER & PIPE CULVERT SCHEDULE														
FROM (STRUCTURE NO.)	INVERT	TO (STRUCTURE NO.)	INVERT	SLOPE	TYPE 1 STORM SEWER		TYPE 1 STORM SEWER (WATER MAIN REQUIREMENTS)	TYPE 2 STORM SEWER			TYPE 2 STORM SEWER (WATER MAIN REQUIREMENTS)		TYPE 3 STORM SEWER	TRENCH BACKFILL (CU YD)
					CLASS IV			CLASS III			CLASS IV			
					12" RCP (FEET)	15" RCP (FEET)	12" (FEET)	12" RCP (FEET)	15" RCP (FEET)	24" RCP (FEET)	15" (FEET)	24" (FEET)	15" RCP (FEET)	
WEST MAIN STREET														
EX STRUC.	614.93	1	617.68	5.00%						55				16.4
1	617.68	2	617.89	0.50%			41							5.9
3	612.58	4	613.10	2.00%					26					21.8
3	612.60	5	612.79	0.50%								37		34.3
5	615.80	6	616.00	2.00%	10									1.9
5	612.79	7	614.22	0.50%						288				267.0
7	617.59	8	617.89	3.00%		10								1.9
7	614.22	9	614.42	0.50%						39				32.1
9	617.70	10	618.08	2.70%		14								4.1
3	606.66	11	607.50	1.56%									54	102.0
11	612.91	12	613.00	0.50%							18			16.6
12	615.31	13	616.15	4.00%						21				6.9
13	616.15	14	616.96	3.00%	27									6.4
11	614.98	15	615.62	2.00%						32				7.3
15	615.62	16	616.81	7.00%		17								4.7
15	615.62	17	616.26	8.00%		8								2.7
<b>TOTAL</b>					62	24	41	81	92	288	18	37	54	531

SIDEWALK REPLACEMENT SCHEDULE	
LOCATION (STATION TO STATION)	(SQUARE FEET)
10+73 TO 11+52 RT	450
10+79 TO 11+53 LT	433
11+77 TO 11+92 LT	54
12+22 TO 12+77 LT	294
12+29 TO 13+42 RT	929
13+12 TO 13+42 LT	185
13+76 TO 15+25 LT	1,183
13+85 TO 16+36 RT	1,754
16+47 TO 16+42 LT	763
16+82 TO 19+98 LT	3,175
16+86 TO 19+99 RT	3,012
20+46 TO 20+62 RT	161
<b>TOTAL</b>	<b>12,393</b>

MANHOLE ADJUSTMENT SCHEDULE					
LOCATION (STATION, OFFSET)	TOP ELEVATIONS		MANHOLE TO BE ADJUSTED	MANHOLE TO BE RECONSTRUCTED	
	EXISTING	PROPOSED			
WEST MAIN STREET					
	TYPE				
11+37.79	18.53' LT	STORM	620.44	620.69	1
12+07.48	23.26' LT	SANITARY	620.69	620.76	1
13+30.49	17.99' LT	STORM	621.09	621.15	1
14+73.54	22.97' LT	SANITARY	620.21	620.28	1
16+25.72	23.03' LT	SANITARY	619.40	619.56	1
16+71.96	17.19' RT	SANITARY	619.46	619.77	1
			<b>TOTAL</b>		<b>5</b>

CURB REMOVAL SCHEDULE			
LOCATION (STATION TO STATION)	BARRIER CURB TYPE B (L.F.)	CURB & GUTTER TYPE B-6.12 (L.F.)	CURB & GUTTER TYPE B-6.18 (L.F.)
10+82 LT TO 12+55 LT	173		
10+80 RT TO 13+42 RT	273		
12+55 LT TO 13+43 LT			94
13+76 LT TO 16+30 LT	259		
13+85 RT TO 16+25 RT	250		
16+86 RT TO 19+99 RT	344		
16+87 LT TO 16+88 LT	338		
20+48 RT TO 20+62 RT		24	
<b>TOTAL</b>	<b>1,647</b>	<b>24</b>	<b>94</b>

EARTHWORK				
STAGE	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE(+), SHORTAGE (-) (CU YD)
I-A	14	10	0	10
I-B	5	4	9	-4
II	12	9	0	9
III	19	14	1	14
<b>TOTAL</b>	<b>50</b>	<b>38</b>	<b>9</b>	<b>29</b>

SIDEWALK REMOVAL SCHEDULE	
LOCATION (STATION TO STATION)	(SQUARE FEET)
10+73 TO 11+52 RT	346
10+79 TO 11+53 LT	385
11+80 TO 11+82 LT	61
11+78 TO 11+81 RT	10
12+00 TO 12+09 RT	38
12+16 TO 12+77 LT	295
12+29 TO 13+42 RT	876
13+12 TO 13+43 LT	201
13+78 TO 15+24 LT	1,191
13+85 TO 16+36 RT	1,780
15+46 TO 16+43 LT	821
16+81 TO 19+98 LT	3,239
16+86 TO 19+99 RT	2,966
20+48 TO 20+62 RT	145
<b>TOTAL</b>	<b>12,338</b>

WATER VALVE ADJUSTMENT SCHEDULE			
LOCATION (STATION, OFFSET)	ELEVATIONS		
	TOP	PROPOSED	
WEST MAIN STREET			
10+53.90	11.3' RT	620.47	620.63
13+51.03	21.0' RT	620.61	620.97
13+73.60	18.0' RT	620.67	620.99
14+72.00	16.0' RT	620.47	620.58
16+46.82	8.8' RT	619.82	620.03
16+48.63	6.8' RT	619.85	620.07
16+90.91	7.8' RT	619.79	620.10
20+15.32	21.0' RT	621.02	621.22

CURB AND GUTTER REPLACEMENT SCHEDULE	
LOCATION (STATION TO STATION)	COMBINATION CURB & GUTTER, TYPE B 6.18 (L.F.)
10+80 RT TO 13+43 RT	273
10+82 LT TO 13+43 LT	267
13+76 LT TO 16+42 LT	276
13+85 RT TO 16+36 RT	277
16+86 RT TO 20+06 RT	356
16+87 LT TO 19+98 LT	338
20+48 RT TO 20+62 RT	24
<b>TOTAL</b>	<b>1,811</b>



SIGN SCHEDULE							
LOCATION (STATION, OFFSET)	SIGN MESSAGE	SIGN TYPE	PANEL SIZE (SPAN x RISE)	REMOVAL SIGN PANEL TYPE 1 (SQ FT)	RELOCATE SIGN PANEL TYPE 1 (SQ FT)	RELOCATE SIGN PANEL ASSEMBLY TYPE A (EACH)	TELESCOPING STEEL SIGN SUPPORT (FOOT)
<b>WEST MAIN STREET</b>							
10+92.39   24.85 LL	STOP FOR PEDESTRIAN IN CROSSWALK NO U TURN	---	24 x 24			1	14.0
11+47.22   24.84 RL	STREET SWEEPING (ETC.) SNOW ROUTE (ETC.)	---	12 x 18			1	13.0
12+07.07   24.88 RL	POST ONLY *	---	-				
12+41.79   25.32 RL	STREET SWEEPING (ETC.) SNOW ROUTE (ETC.)	---	12 x 18			1	13.0
13+30.59   25.05 RL	STOP FOR PEDESTRIAN IN CROSSWALK NO U TURN	R3-4	24 x 24			1	14.0
13+31.36   25.38 LL	STREET SWEEPING (ETC.) SNOW ROUTE (ETC.)	---	12 x 18			1	13.0
13+35.03   28.54 LL	STOP SIGN	R1-1	30 x 30		6.25		12.5
13+41.39   35.82 RL	STREET SWEEPING (ETC.) SNOW ROUTE (ETC.)	---	12 x 18			1	13.0
13+83.49   31.98 LL	PARK PARALLEL ONLY	---	24 x 30	5.00			
13+85.85   40.41 RL	STOP SIGN	R1-1	30 x 30		6.25		12.5
13+91.21   24.97 LL	STREET PLAQUES	D-3	30 x 6			1	11.0
13+97.17   25.76 RL	STREET PLAQUES	D-3	30 x 6			1	11.0
14+04.07   24.93 LL	STOP FOR PEDESTRIAN IN CROSSWALK NO U TURN	R3-4	24 x 24			1	14.0
14+10.21   25.22 RL	STREET SWEEPING (ETC.) SNOW ROUTE (ETC.)	---	12 x 18			1	13.0
14+30.80   25.36 RL	POST ONLY *	---	-				
15+39.80   24.85 RL	STREET SWEEPING (ETC.) SNOW ROUTE (ETC.)	---	12 x 18			1	13.0
16+16.38   24.64 RL	STOP FOR PEDESTRIAN IN CROSSWALK NO U TURN	R3-4	24 x 24			1	14.0
16+19.76   24.73 LL	STREET SWEEPING (ETC.) SNOW ROUTE (ETC.)	---	12 x 18			1	13.0
16+29.22   30.88 RL	STREET PLAQUES	D-3	24 x 6			1	11.0
16+36.66   32.57 LL	STOP SIGN	R1-1	30 x 30			1	14.0
16+86.53   38.90 RL	NO PARKING BETWEEN SIGNS	R7-12	12 x 18				
16+92.70   25.25 LL	STOP SIGN	R1-1	30 x 30		6.25		12.5
17+03.56   24.81 LL	STREET PLAQUES	D-3	24 x 6			1	11.0
17+03.56   24.81 LL	STOP FOR PEDESTRIAN IN CROSSWALK NO U TURN	R3-4	24 x 24			1	14.0
17+11.62   24.62 LL	RESERVED PARKING - HANDICAP	R7-8	12 x 18		1.50		11.5
17+52.42   24.57 RL	STREET SWEEPING (ETC.) SNOW ROUTE (ETC.)	---	12 x 18			1	13.0
17+69.51   24.91 LL	STREET SWEEPING (ETC.) SNOW ROUTE (ETC.)	---	12 x 18			1	13.0
18+39.08   24.78 LL	POST ONLY *	---	-				
18+82.36   24.57 RL	STREET SWEEPING (ETC.) SNOW ROUTE (ETC.)	---	12 x 18			1	13.0
19+87.40   24.49 RL	STOP FOR PEDESTRIAN IN CROSSWALK NO U TURN	R3-4	24 x 24			1	14.0
19+89.55   24.75 LL	STREET PLAQUES	D-3	24 x 6			1	11.0
19+99.11   36.38 LL	STOP SIGN	R1-1	30 x 30		6.25		12.5
20+48.70   34.76 RL	STOP SIGN	R1-1	30 x 30		6.25		12.5
20+56.52   25.33 RL	STREET PLAQUES	D-3	24 x 6			1	11.0
<b>TOTALS</b>				5.0	32.8	23	368

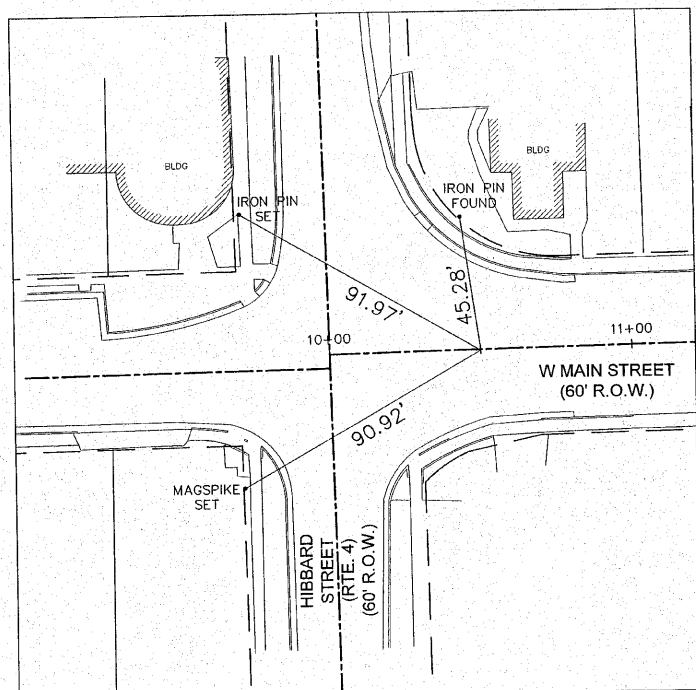
\*REMOVAL OF EMPTY POST INCIDENTAL TO EARTHWORK.

ENTRANCE SCHEDULE									
LOCATION (STATION, DIRECTION)	ENTRANCE TYPE	EXIST. SURFACE TYPE	WIDTH	LENGTH	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	6" PCC DRIVEWAY PAVEMENT REPLACEMENT (SQ YD)	AGGREGATE BASE COURSE, TYPE B (TON)	BITUMINOUS DRIVEWAY SURFACING REPLACEMENT (TON)	BITUMINOUS MATERIALS PRIME COAT (GAL)
<b>WEST MAIN STREET</b>									
11+65	RT	CE	BIT.	26	14.5	44	21	13	4
11+65	LT	CE	PCC.	24	16	67	66	15	10
11+90	RT	CE	BIT.	19.5	4.7	10	10	2	
12+07	LT	CE	BIT.	30	12	32	44	10	
12+20	RT	CE	BIT.	20	14.5	32	22	11	3
12+94.5	LT	CE	AGG.	35	12	23	51	11	7
15+35	LT	CE	BIT.	22	9	23	25	5	
<b>TOTAL</b>					231	240	68	7	17

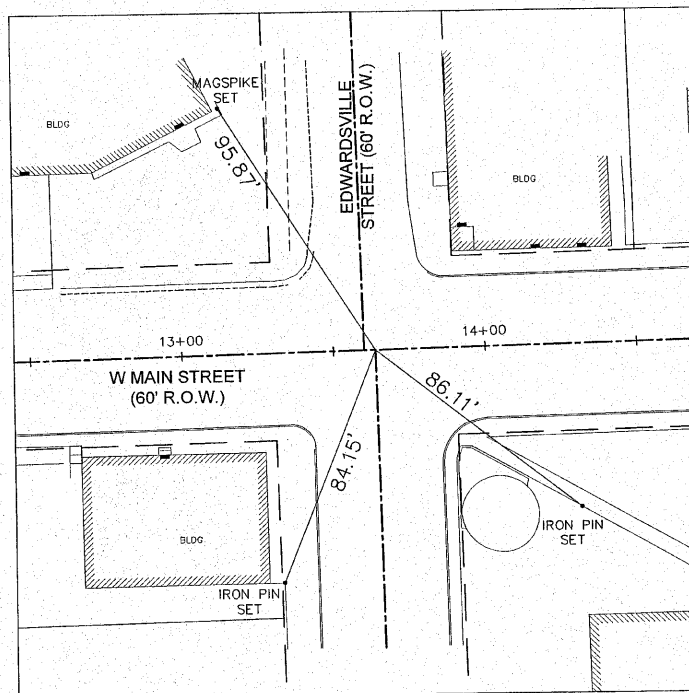
PAVEMENT MARKING SCHEDULE							
LOCATION (FROM STATION, DIRECTION TO STATION, DIRECTION)		DESCRIPTION	4" (WHITE)	4" DOUBLE YELLOW	6" (WHITE)	24" (WHITE)	LETTERS & SYMBOLS (SQ FT)
STATION OFFSET	STATION OFFSET		(FEET)	(FEET)	(FEET)	(FEET)	
10+43.00	20+70.00	CENTERLINE		2,054			
10+50.86	10+42.24	STOP BAR				31	
10+52.18, 8.0' LT		THRU/LEFT ARROW					14.7
10+54.01, 18.0' LT		RIGHT ARROW					8.8
10+78.07	11+42.07	EDGE OF LANE/PARKING	104				
12+38.49	12+58.49	EDGE OF LANE/PARKING	40				
12+44.57	13+08.57	EDGE OF LANE/PARKING	104				
13+44.10	13+83.03	CROSSWALK			80		
13+44.41	13+44.10	CROSSWALK			93		
13+44.83	13+60.05	STOP BAR				15	
13+63.79	13+83.15	STOP BAR				19	
13+75.29	13+44.41	CROSSWALK			63		
13+83.03	13+75.29	CROSSWALK			94		
14+06.33	14+98.33	EDGE OF LANE/PARKING	142				
14+18.10	16+02.06	EDGE OF LANE/PARKING	274				
15+67.98	16+11.98	EDGE OF LANE/PARKING	74				
16+37.60	16+84.24	CROSSWALK			96		
16+43.13	16+37.60	CROSSWALK			92		
16+43.92	16+61.88	STOP BAR				18	
16+61.99	16+84.08	STOP BAR				22	
16+80.40	16+43.13	CROSSWALK			76		
16+84.24	16+80.40	CROSSWALK			93		
17+11.59	19+67.81	EDGE OF LANE/PARKING	376				
17+13.54	19+69.50	EDGE OF LANE/PARKING	376				
19+99.90	20+05.69	CROSSWALK			90		
19+99.96	20+23.57	STOP BAR				24	
20+05.69	20+46.09	CROSSWALK			81		
20+23.60	20+45.67	STOP BAR				22	
20+45.96	19+99.56	CROSSWALK			95		
20+46.09	20+45.96	CROSSWALK			97		
20+61.46	20+70.00	EDGE OF LANE/PARKING	15				
20+66.47	20+70.00	EDGE OF LANE/PARKING	11				
<b>TOTAL</b>			1,516	2,054	1,050	151	23.5

WATER METER ADJUSTMENT SCHEDULE			
LOCATION (STATION, OFFSET)	ELEVATIONS		
	TOP	PROPOSED	
<b>WEST MAIN STREET</b>			
11+19.15	31.64' RT	621.41	621.02
11+30.45	31.80' LT	621.55	621.09
12+61.94	29.57' LT	621.35	621.53
15+16.51	35.60' LT	620.68	620.76
16+11.71	25.43' LT	619.95	620.09
17+00.66	25.58' LT	619.60	620.10
17+71.49	25.16' LT	620.07	620.60
17+72.11	25.81' RT	620.75	620.62
18+27.09	25.52' LT	620.55	621.10
18+61.15	26.89' RT	621.55	621.33
18+77.34	28.11' LT	621.04	621.39
19+20.30	25.84' LT	621.10	621.52
19+51.50	28.00' LT	621.22	621.66

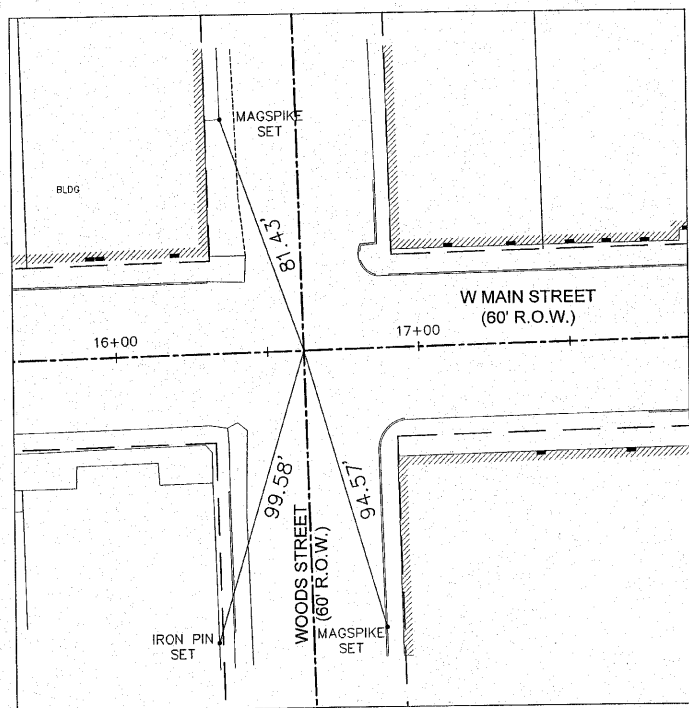
INLET & PIPE PROTECTION SCHEDULE		
LOCATION (STATION, OFFSET)	INLET & PIPE PROTECTION (EACH)	
<b>WEST MAIN STREET</b>		
13+42.47	35.55' RT	1
13+85.15	35.19' RT	1
16+36.60	40.28' RT	1
16+02.47	37.23' RT	1
16+86.07	35.06' RT	1
20+02.38	34.79' RT	1
<b>TOTAL</b>		6



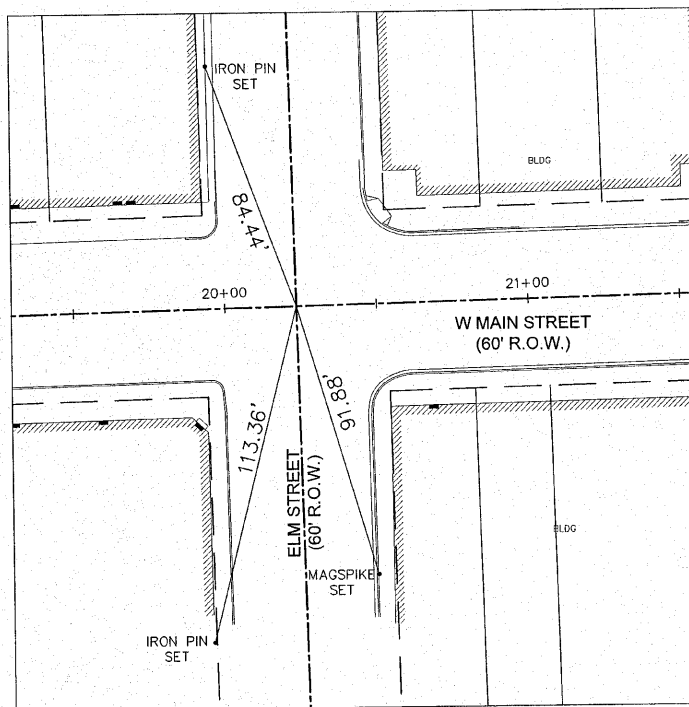
CONTROL POINT #1  
WEST MAIN STREET  
STA. 10+50



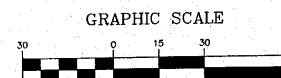
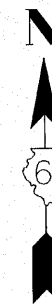
CONTROL POINT #2  
WEST MAIN STREET  
STA. 13+63.83



CONTROL POINT #3  
WEST MAIN STREET  
STA. 16+61.93



CONTROL POINT #4  
WEST MAIN STREET  
STA. 20+23.58



FILE NAME =  
01819-301

USER NAME = Webster, Chris  
PLOT SCALE = 1:1  
PLOT DATE = 12/14/2009

DESIGNED - CSH  
DRAWN - CAW  
CHECKED - DLK  
DATE - 11/25/09

REVISED -  
REVISED -  
REVISED -  
REVISED -

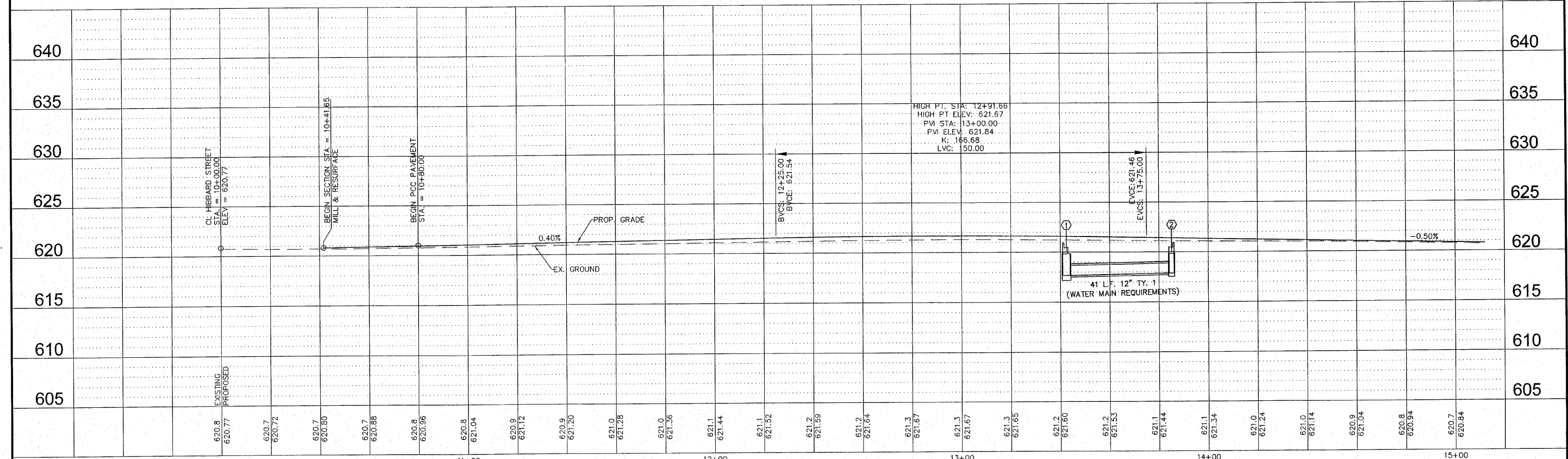
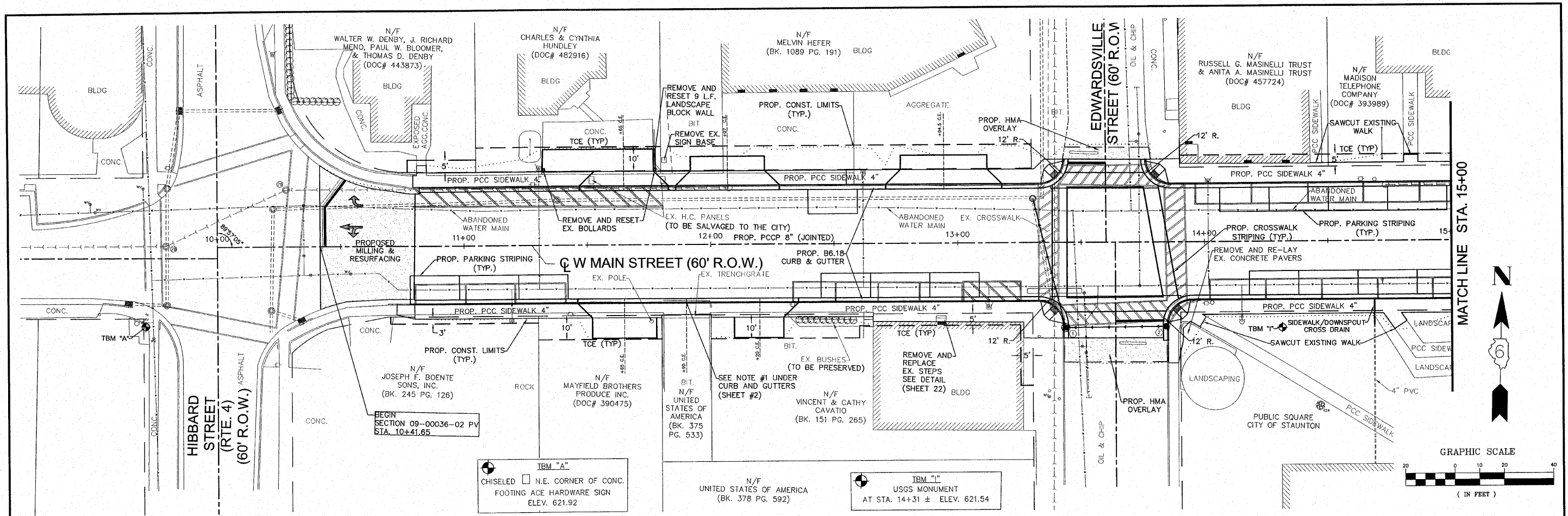
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REFERENCE TIES

SCALE: 1:20 SHEET NO. 10 OF 29 SHEETS STA. NA TO STA. NA

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8136	09-00036-02-PV	MACOUPIN	29	10
CONTRACT NO. 93521				

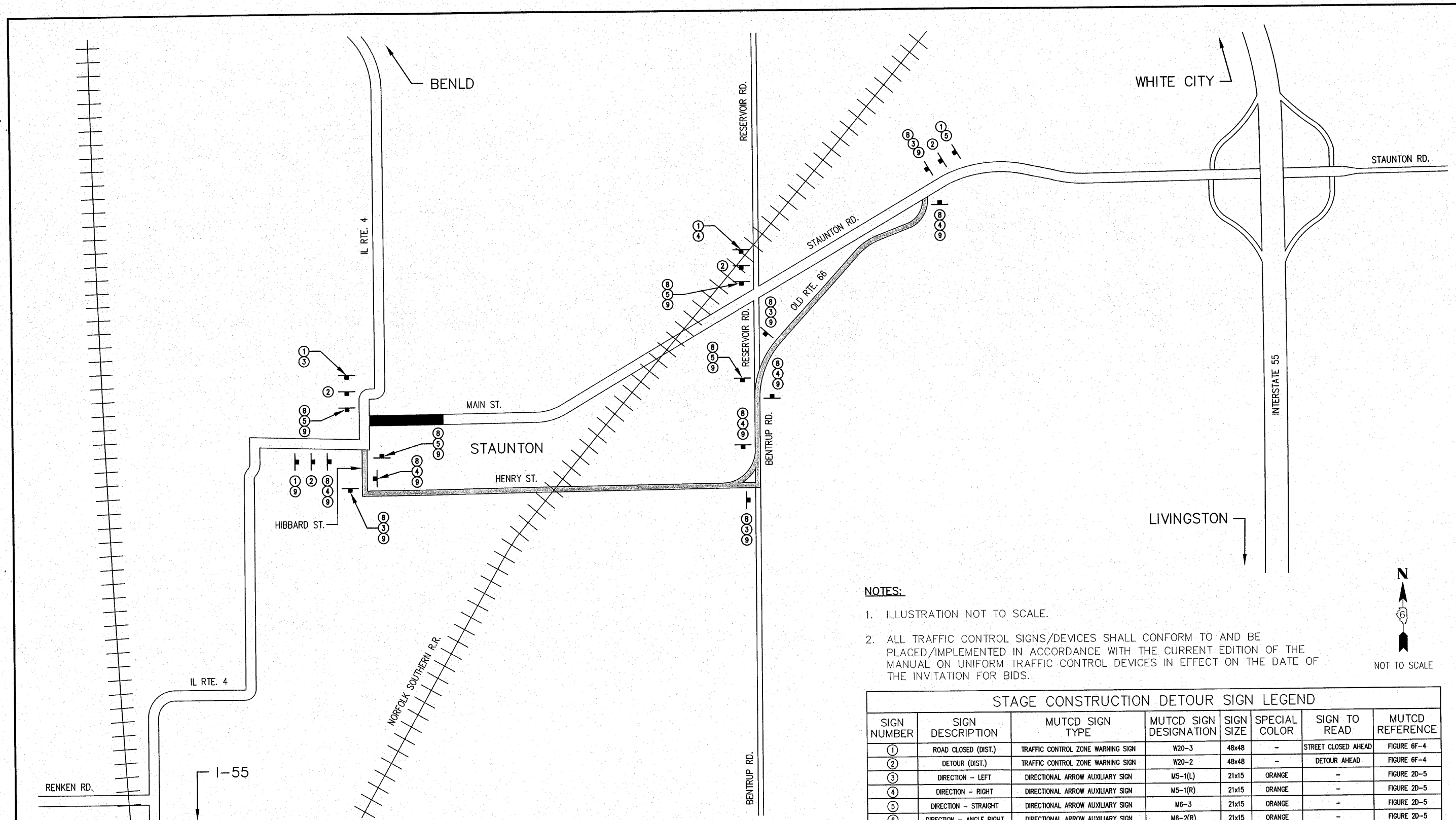
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT



FILE NAME =01819-301	USER NAME = Horgan, Chris	DESIGNED - CSH	REVISED - 4/5/2010	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE	F.A.U. RTE. 8136	SECTION 09-00036-02-PV	COUNTY MACOUPIN	TOTAL SHEETS 29	SHEET NO. 11	
PLOT SCALE = 1:1	CHECKED - DLK	REVISED -	SCALE: 1:20			SHEET NO. 11 OF 29 SHEETS	STA. 10+00 TO STA. 15+00	CONTRACT NO. 93521			
PLOT DATE = ----	DATE - 11/25/09	REVISED -	FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT								

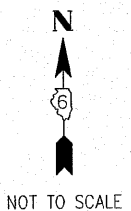






**NOTES:**

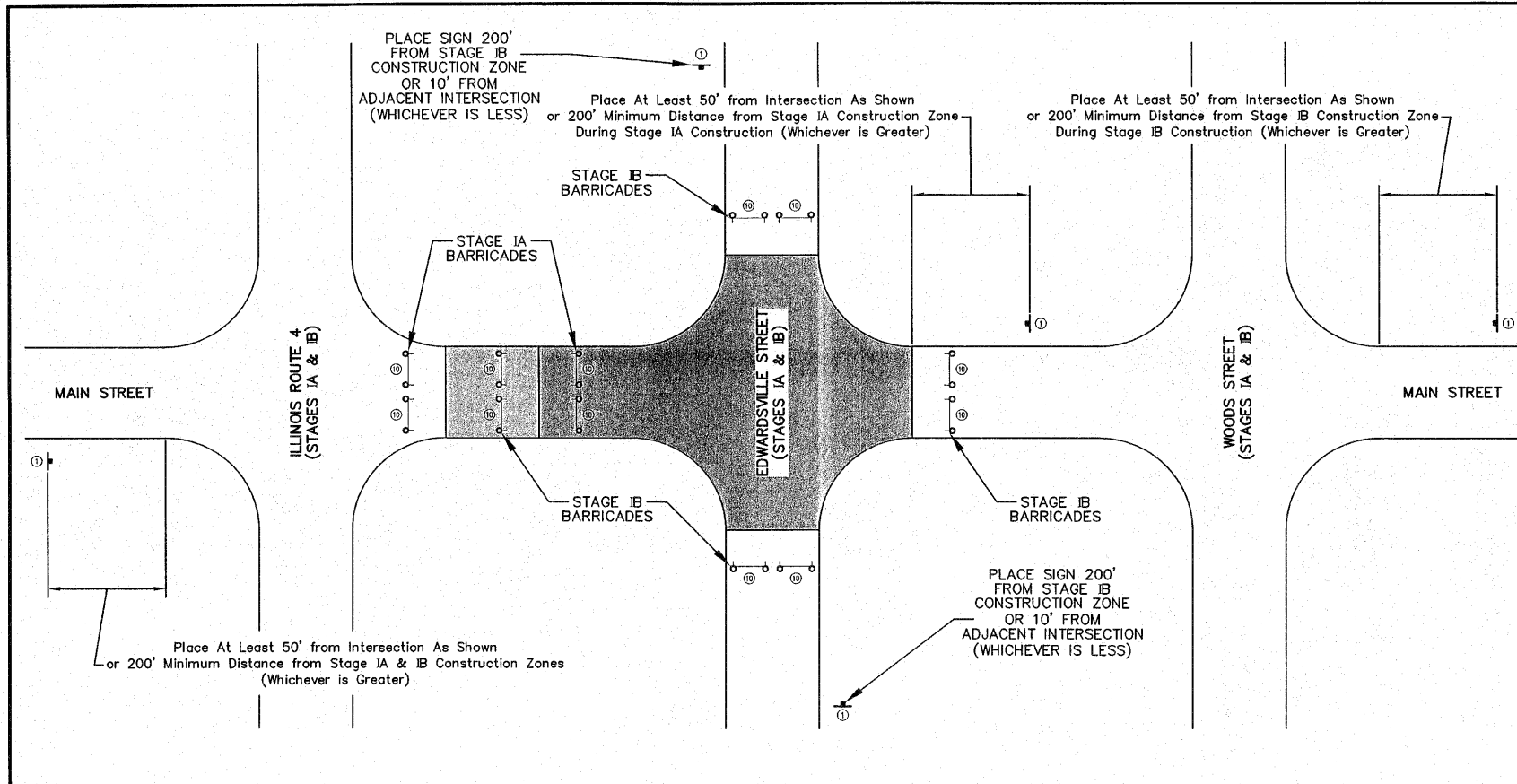
1. ILLUSTRATION NOT TO SCALE.
2. ALL TRAFFIC CONTROL SIGNS/DEVICES SHALL CONFORM TO AND BE PLACED/IMPLEMENTED IN ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES IN EFFECT ON THE DATE OF THE INVITATION FOR BIDS.



**LEGEND:**  
 ■ CONSTRUCTION ZONE (CLOSED TO ALL TRAFFIC IN STAGES - REFER TO SHEET #2 OF STAGE CONSTRUCTION PLANS)  
 ▨ DETOUR ROUTE

DETOUR MAP  
(ALL STAGES)

STAGE CONSTRUCTION DETOUR SIGN LEGEND							
SIGN NUMBER	SIGN DESCRIPTION	MUTCD SIGN TYPE	MUTCD SIGN DESIGNATION	SIGN SIZE	SPECIAL COLOR	SIGN TO READ	MUTCD REFERENCE
①	ROAD CLOSED (DIST.)	TRAFFIC CONTROL ZONE WARNING SIGN	W20-3	48x48	-	STREET CLOSED AHEAD	FIGURE 6F-4
②	DETOUR (DIST.)	TRAFFIC CONTROL ZONE WARNING SIGN	W20-2	48x48	-	DETOUR AHEAD	FIGURE 6F-4
③	DIRECTION - LEFT	DIRECTIONAL ARROW AUXILIARY SIGN	M5-1(L)	21x15	ORANGE	-	FIGURE 2D-5
④	DIRECTION - RIGHT	DIRECTIONAL ARROW AUXILIARY SIGN	M5-1(R)	21x15	ORANGE	-	FIGURE 2D-5
⑤	DIRECTION - STRAIGHT	DIRECTIONAL ARROW AUXILIARY SIGN	M6-3	21x15	ORANGE	-	FIGURE 2D-5
⑥	DIRECTION - ANGLE RIGHT	DIRECTIONAL ARROW AUXILIARY SIGN	M6-2(R)	21x15	ORANGE	-	FIGURE 2D-5
⑦	DIRECTION - ANGLE LEFT	DIRECTIONAL ARROW AUXILIARY SIGN	M6-2(L)	21x15	ORANGE	-	FIGURE 2D-5
⑧	DETOUR SIGN	EXIT/DETOUR CLOSURE SIGN	M4-8	24x12	-	DETOUR	FIGURE 6F-5
⑨	STREET NAME SIGN	GUIDE SIGN	D3-1	36x12	-	MAIN ST.	FIGURE 2D-8
⑩	ROAD CLOSED SIGN	TRAFFIC CONTROL ZONE REGULATORY SIGN	R11-2	48x30	-	STREET CLOSED	FIGURE 6F-3

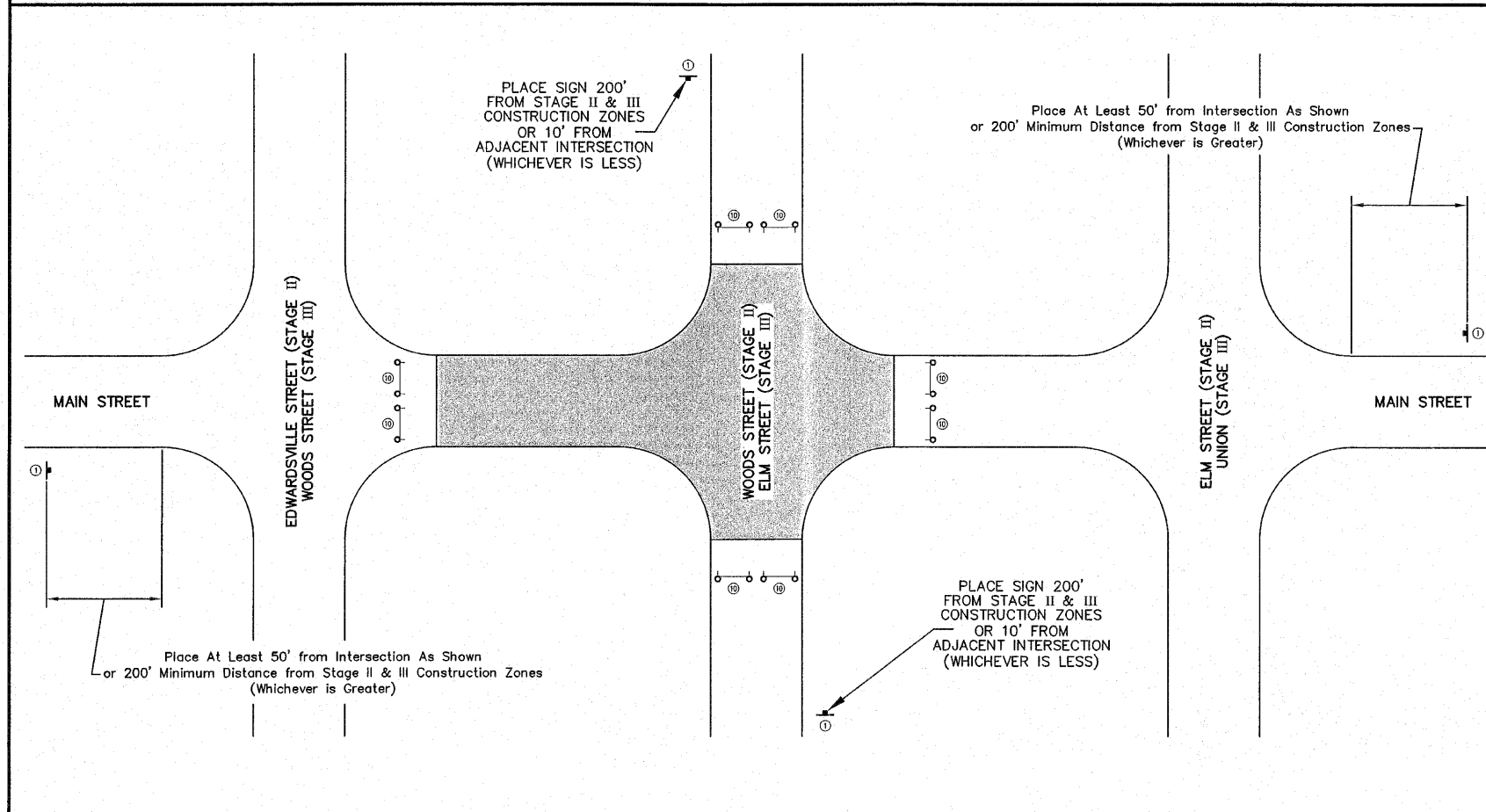
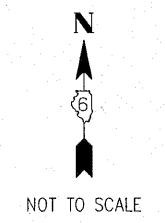


**NOTES (ALL STAGES):**

- ILLUSTRATION NOT TO SCALE.
- ALL TRAFFIC CONTROL SIGNS/DEVICES SHALL CONFORM TO AND BE PLACED/IMPLEMENTED IN ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES IN EFFECT ON THE DATE OF THE INVITATION FOR BIDS.
- ANY ROAD CLOSED SIGNS (STAGE CONSTRUCTION DETOUR SIGN #10) SHALL BE ATTACHED TO A TYPE III BARRICADE PER IDOT STANDARD 701901 AND PLACED APPROPRIATELY TO DETER TRAFFIC FROM THE CONSTRUCTION ZONE.
- ALL SIDEWALK AND/OR CROSSWALK CLOSURES (NOT SHOWN) SHALL CONFORM TO IDOT STANDARD 701801. ALL PEDESTRIAN TRAFFIC SHALL BE DETOURED INTO THE ADJACENT PARKING LANE WHENEVER POSSIBLE.
- PEDESTRIAN ACCESS TO ALL BUILDINGS SHALL BE MAINTAINED ON A DAILY BASIS.

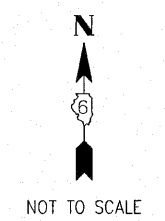
**LEGEND:**  
 [Symbol] CONSTRUCTION ZONE IA (CLOSED TO VEHICULAR TRAFFIC)  
 [Symbol] CONSTRUCTION ZONE IB (CLOSED TO VEHICULAR TRAFFIC)  
 [Symbol] TYPE III BARRICADE WITH FLASHING LIGHTS

PLACEMENT OF TRAFFIC CONTROL DEVICES  
 ADJACENT TO CONSTRUCTION ZONE  
 (STAGE IA - STA. 10+41.65 TO STA. 12+07.00)  
 (STAGE IB - STA. 12+07.00 TO STA. 13+95.09)



**LEGEND:**  
 [Symbol] CONSTRUCTION ZONES II & III (CLOSED TO VEHICULAR TRAFFIC)  
 [Symbol] TYPE III BARRICADE WITH FLASHING LIGHTS

TYPICAL PLACEMENT OF TRAFFIC CONTROL DEVICES  
 ADJACENT TO CONSTRUCTION ZONE  
 (STAGE II - STA. 13+95.09 TO STA. 16+95.99)  
 (STAGE III - STA. 16+95.99 TO STA. 20+70.00)



STAGE CONSTRUCTION DETOUR SIGN LEGEND							
SIGN NUMBER	SIGN DESCRIPTION	MUTCD SIGN TYPE	MUTCD SIGN DESIGNATION	SIGN SIZE	SPECIAL COLOR	SIGN TO READ	MUTCD REFERENCE
①	ROAD CLOSED (DIST.)	TRAFFIC CONTROL ZONE WARNING SIGN	W20-3	48x48	-	STREET CLOSED AHEAD	FIGURE 6F-4
②	DETOUR (DIST.)	TRAFFIC CONTROL ZONE WARNING SIGN	W20-2	48x48	-	DETOUR AHEAD	FIGURE 6F-4
③	DIRECTION - LEFT	DIRECTIONAL ARROW AUXILIARY SIGN	M5-1(L)	21x15	ORANGE	-	FIGURE 2D-5
④	DIRECTION - RIGHT	DIRECTIONAL ARROW AUXILIARY SIGN	M5-1(R)	21x15	ORANGE	-	FIGURE 2D-5
⑤	DIRECTION - STRAIGHT	DIRECTIONAL ARROW AUXILIARY SIGN	M6-3	21x15	ORANGE	-	FIGURE 2D-5
⑥	DIRECTION - ANGLE RIGHT	DIRECTIONAL ARROW AUXILIARY SIGN	M6-2(R)	21x15	ORANGE	-	FIGURE 2D-5
⑦	DIRECTION - ANGLE LEFT	DIRECTIONAL ARROW AUXILIARY SIGN	M6-2(L)	21x15	ORANGE	-	FIGURE 2D-5
⑧	DETOUR SIGN	EXIT/DETOUR CLOSURE SIGN	M4-8	24x12	-	DETOUR	FIGURE 6F-5
⑨	STREET NAME SIGN	GUIDE SIGN	D3-1	36x12	-	MAIN ST.	FIGURE 2D-8
⑩	ROAD CLOSED SIGN	TRAFFIC CONTROL ZONE REGULATORY SIGN	R11-2	48x30	-	STREET CLOSED	FIGURE 6F-3

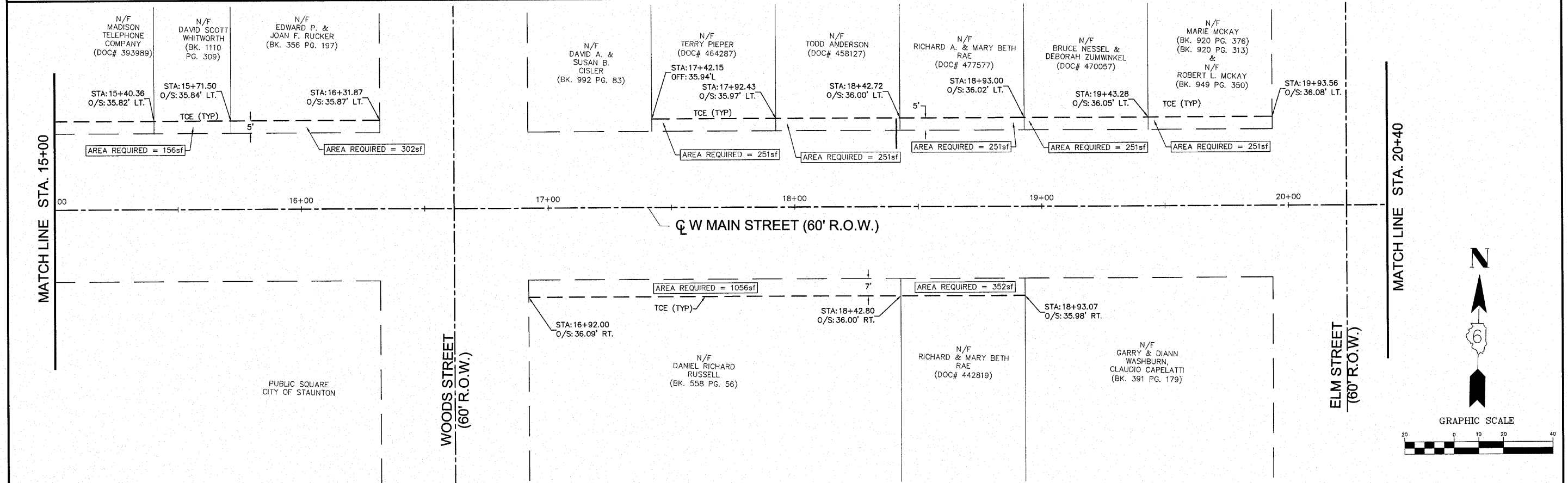
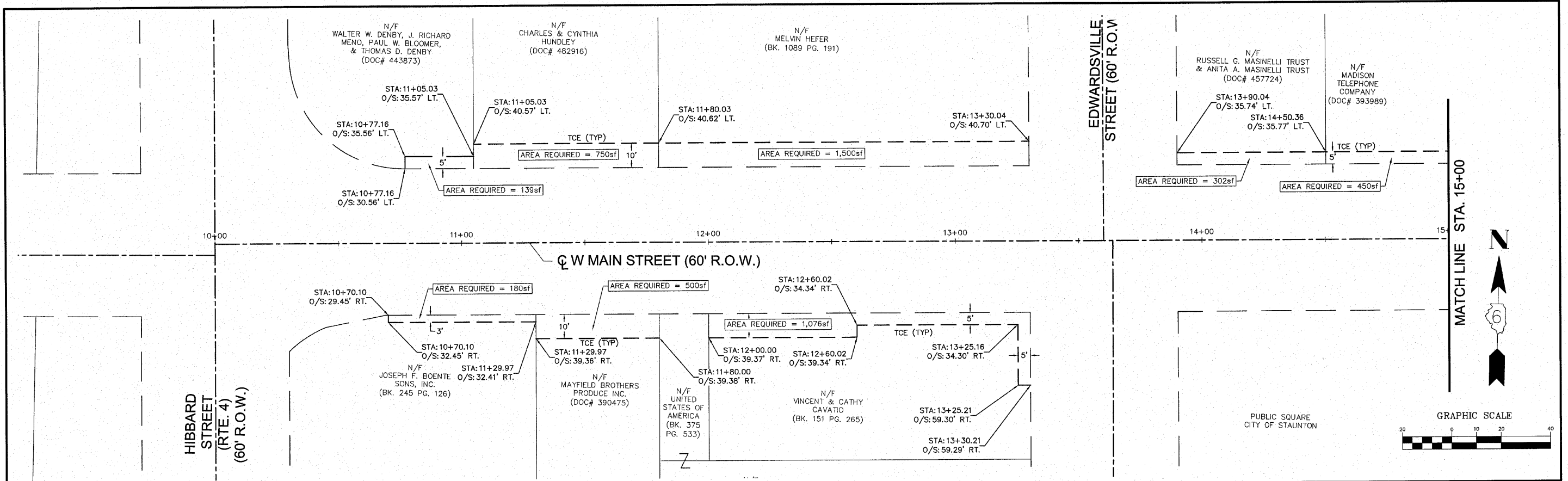
FILE NAME = 01819-301	USER NAME = Webster, Chris	DESIGNED - BJB	REVISED -
	PLOT SCALE = 1:1	DRAWN - BJB	REVISED -
	PLOT DATE = 12/14/2009	CHECKED - DLK	REVISED -
		DATE - 11/25/09	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS

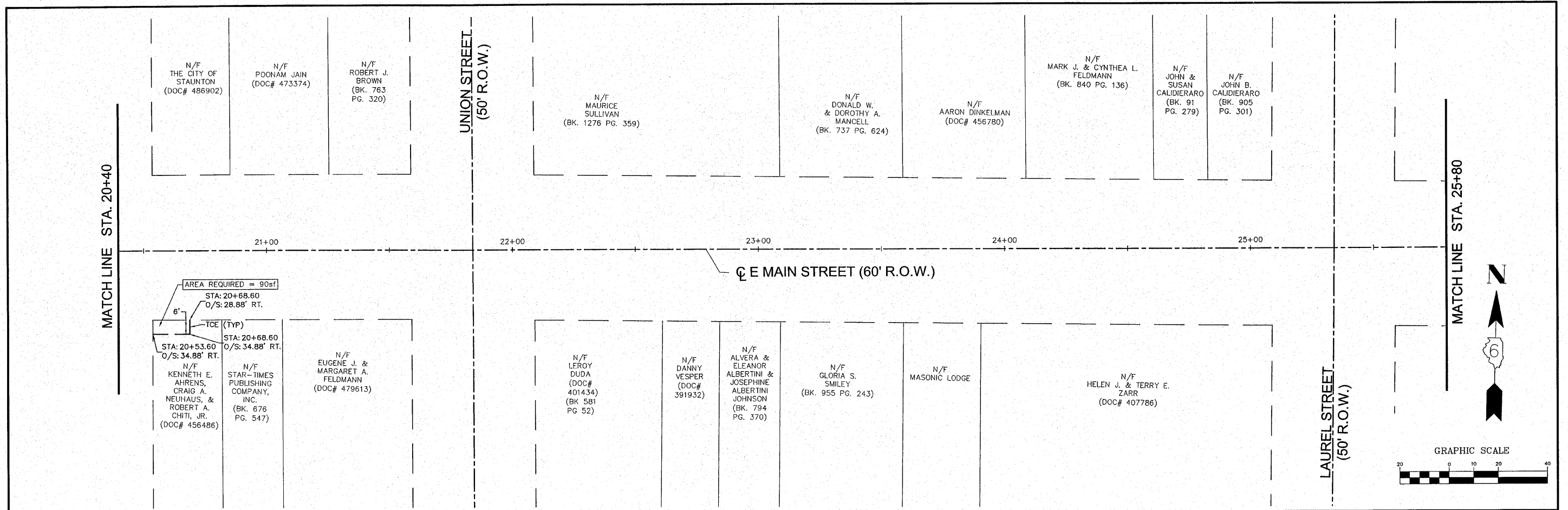
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F.A.U. RTE. 8136	SECTION 09-00036-02-PV	COUNTY MACOUPIN	TOTAL SHEETS 29	SHEET NO. 15
CONTRACT NO. 93521				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				



FILE NAME = 01819-301	USER NAME = Hargan, Chris	DESIGNED - JMV	REVISED - 4/5/2010	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT-OF-WAY		F.A.U. RTE. 8136	SECTION 09-00036-02-PV	COUNTY MACOUPIN	TOTAL SHEETS 29	SHEET NO. 16	
	PLOT SCALE = 1:1	CHECKED - DLK	REVISED -				SCALE: 1:20		SHEET NO.16 OF 29 SHEETS		STA. 10+00 TO STA. 20+40	
	PLOT DATE = 4/9/2010	DATE - 11/25/09	REVISED -		FED. ROAD DIST. NO. 6		ILLINOIS		FED. AID PROJECT			



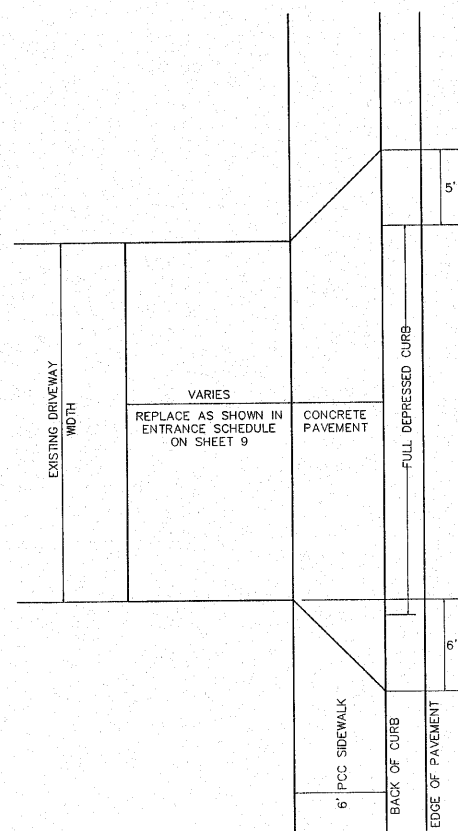


FILE NAME = 01819-301	USER NAME = Webster, Chris	DESIGNED - JMV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT-OF-WAY	F.A.U. RTE. 8136	SECTION 09-00036-02-PV	COUNTY MACOUPIN	TOTAL SHEETS 29	SHEET NO. 17	
	PLOT SCALE = 1:1	CHECKED - DLK	REVISED -			CONTRACT NO. 93521					
	PLOT DATE = 12/14/2009	DATE - 11/25/09	REVISED -			SCALE: 1:20 SHEET NO.17 OF 29 SHEETS STA. 20+40 TO STA. 20+70					

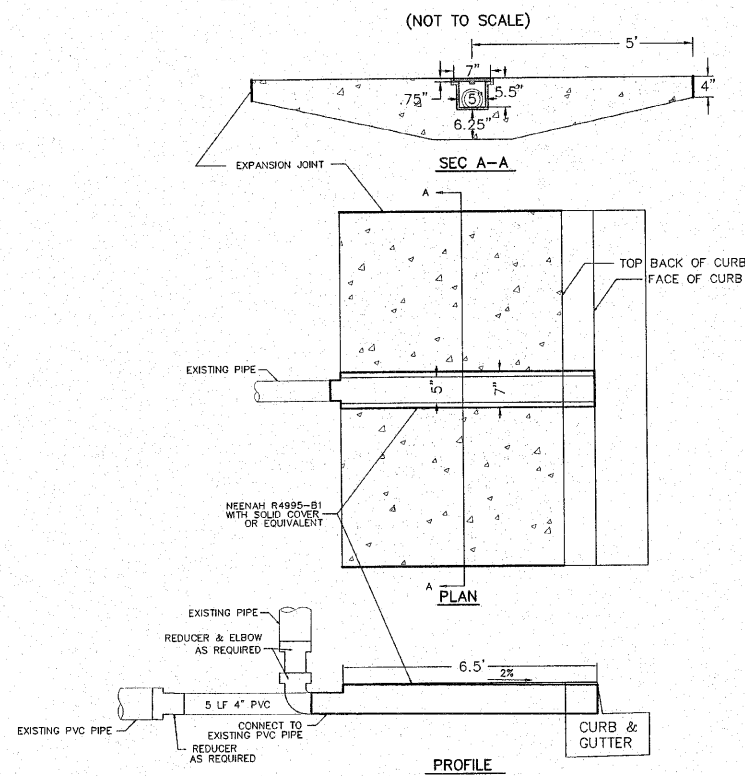




**TYPICAL DRIVE DETAIL**  
(NOT TO SCALE)

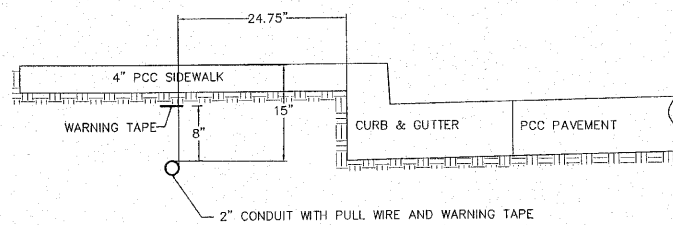
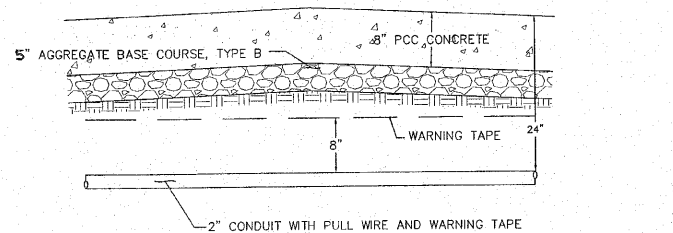


**SIDEWALK/DOWNSPOUT CROSS DRAIN**  
(NOT TO SCALE)

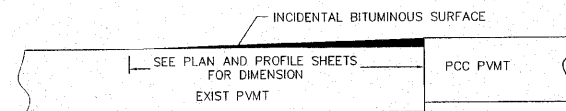


**ELECTRICAL CONDUIT**  
STA. 10+80 to STA. 20+52 LT.  
STA. 10+80 to STA. 20+62 RT.  
(NOT TO SCALE)

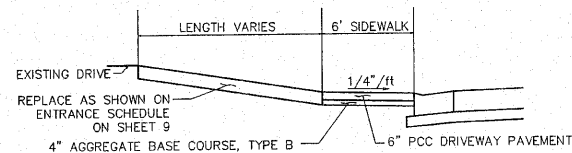
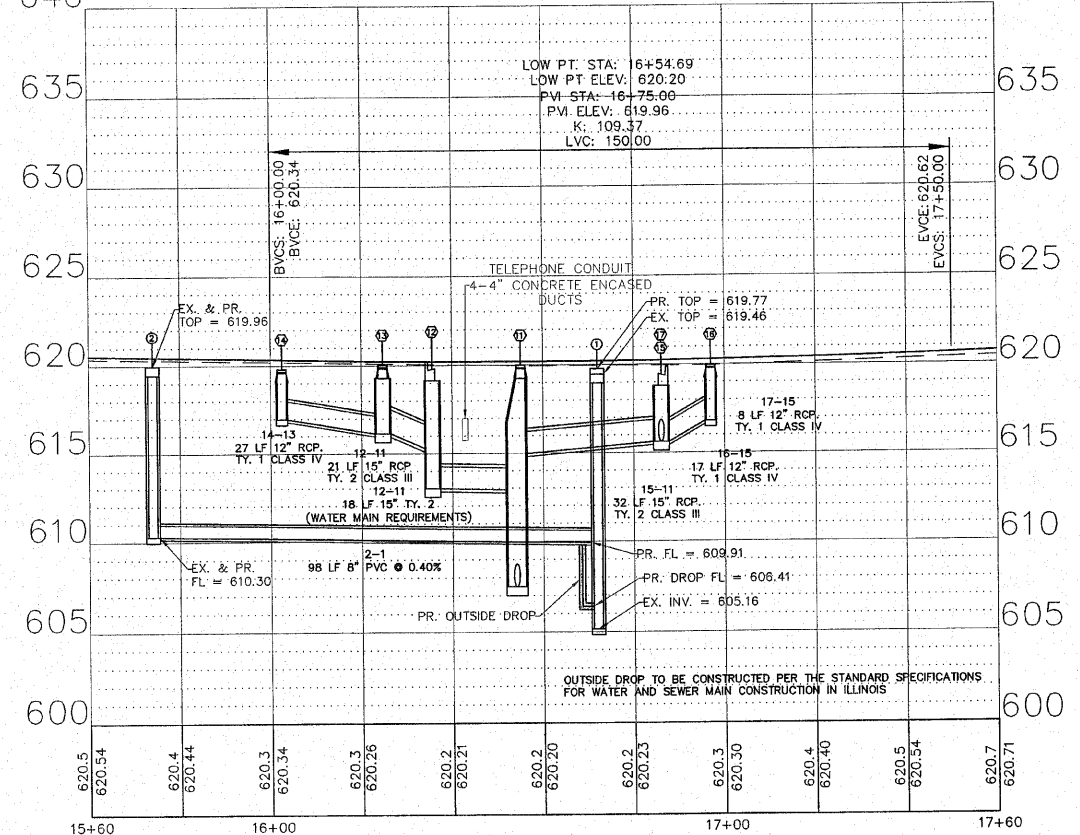
**STREET CROSSINGS**



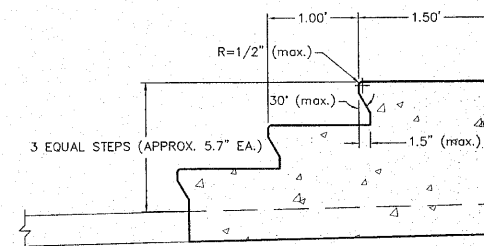
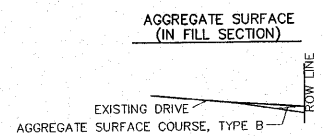
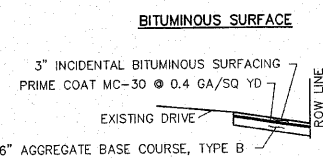
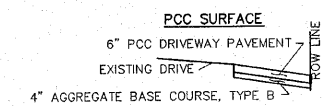
**FEATHER EDGE DETAIL**  
(@ SIDE STREETS)  
(NOT TO SCALE)



**PROPOSED SANITARY AND STORM SEWER PROFILES**

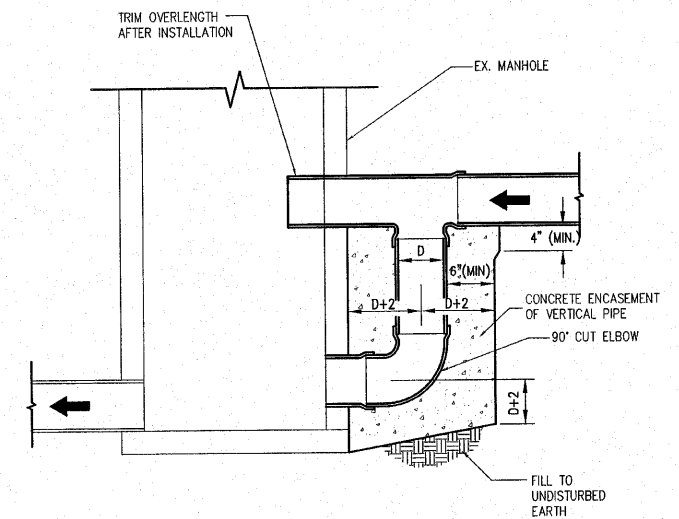
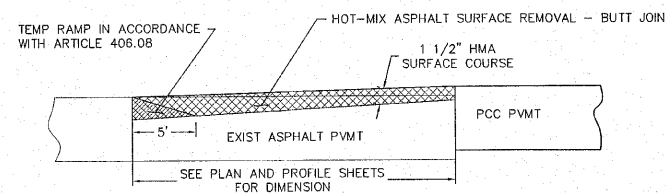


**IN KIND DRIVEWAY REPLACEMENT**  
(NOT TO SCALE)



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

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



**TYPICAL DROP MANHOLE DETAIL**  
(NOT TO SCALE)

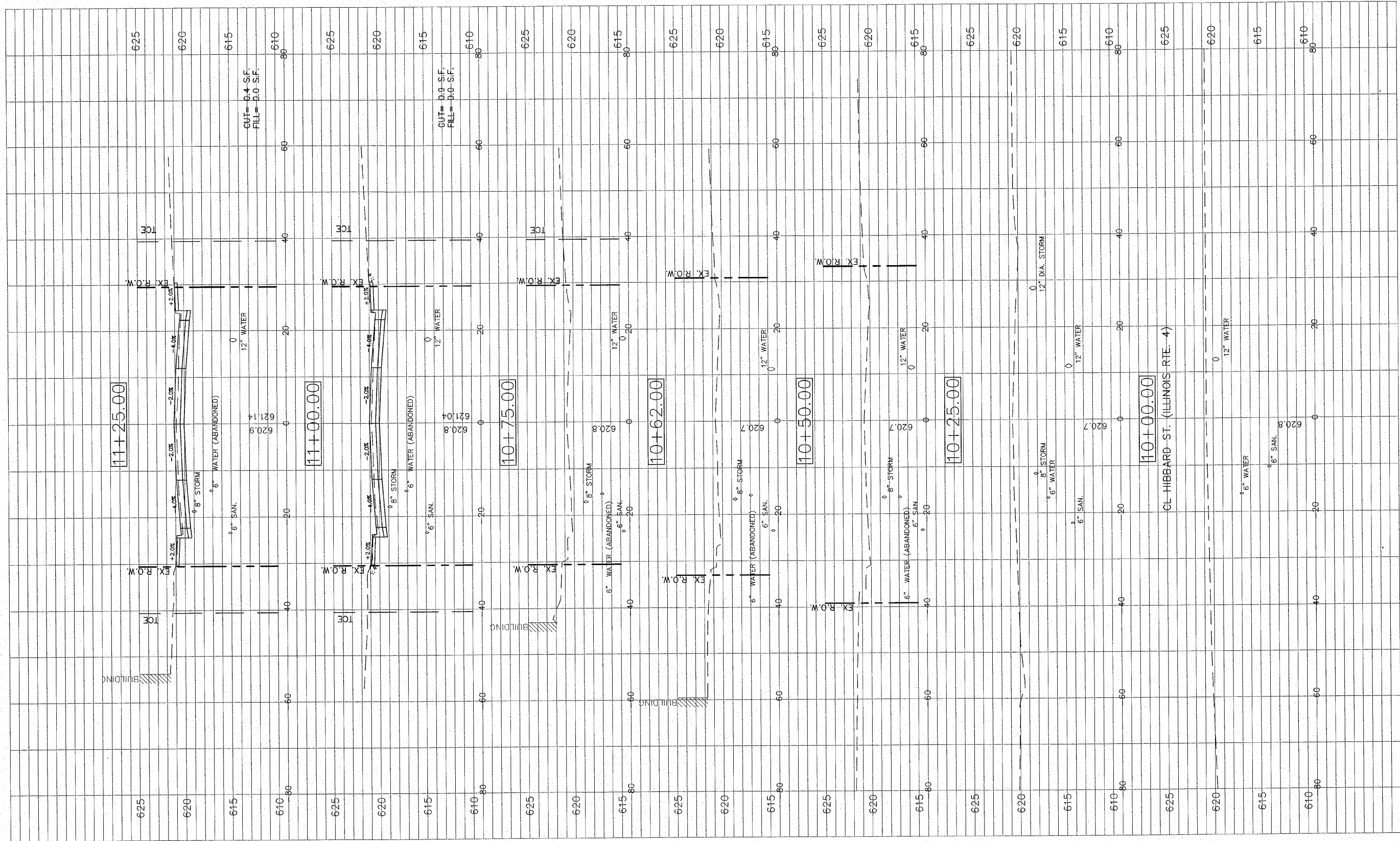
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01819-301	PLOT SCALE = 1:1	DRAWN - CAW	REVISED -
	PLOT DATE = 4/8/2010	CHECKED - DLK	REVISED -
		DATE - 11/25/09	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETAILS

SCALE: NA SHEET NO. 20 OF 29 SHEETS STA. NA TO STA. NA

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8136	09-00036-02 PV	MACOUPIN	29	20
CONTRACT NO. 93521				
FED. ROAD DIST. NO. 6 ILLINOIS TIED AID PROJECT				



FILE NAME = 01819-301

USER NAME = Webster, Chris  
 DESIGNED - CSH  
 DRAWN - CAW  
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 PLOT DATE = 12/14/2009  
 DATE = 11/25/09

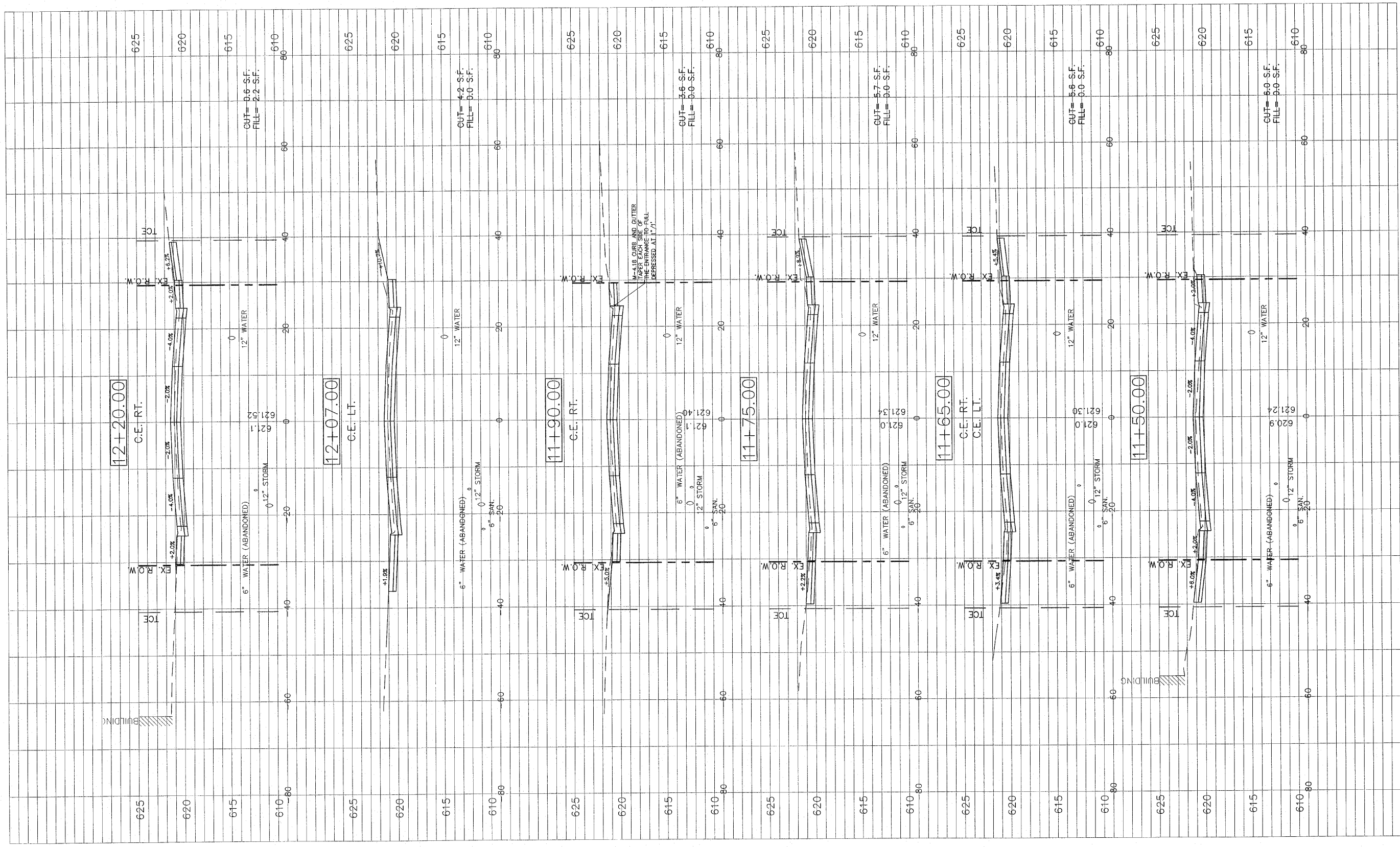
REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTION

SCALE: 1:10 SHEET NO. 21 OF 29 SHEETS STA. 10+00 TO STA. 11+25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8136	09-00036-02-PV	MACOUPIN	29	21
CONTRACT NO. 93521				



FILE NAME = 01819-301

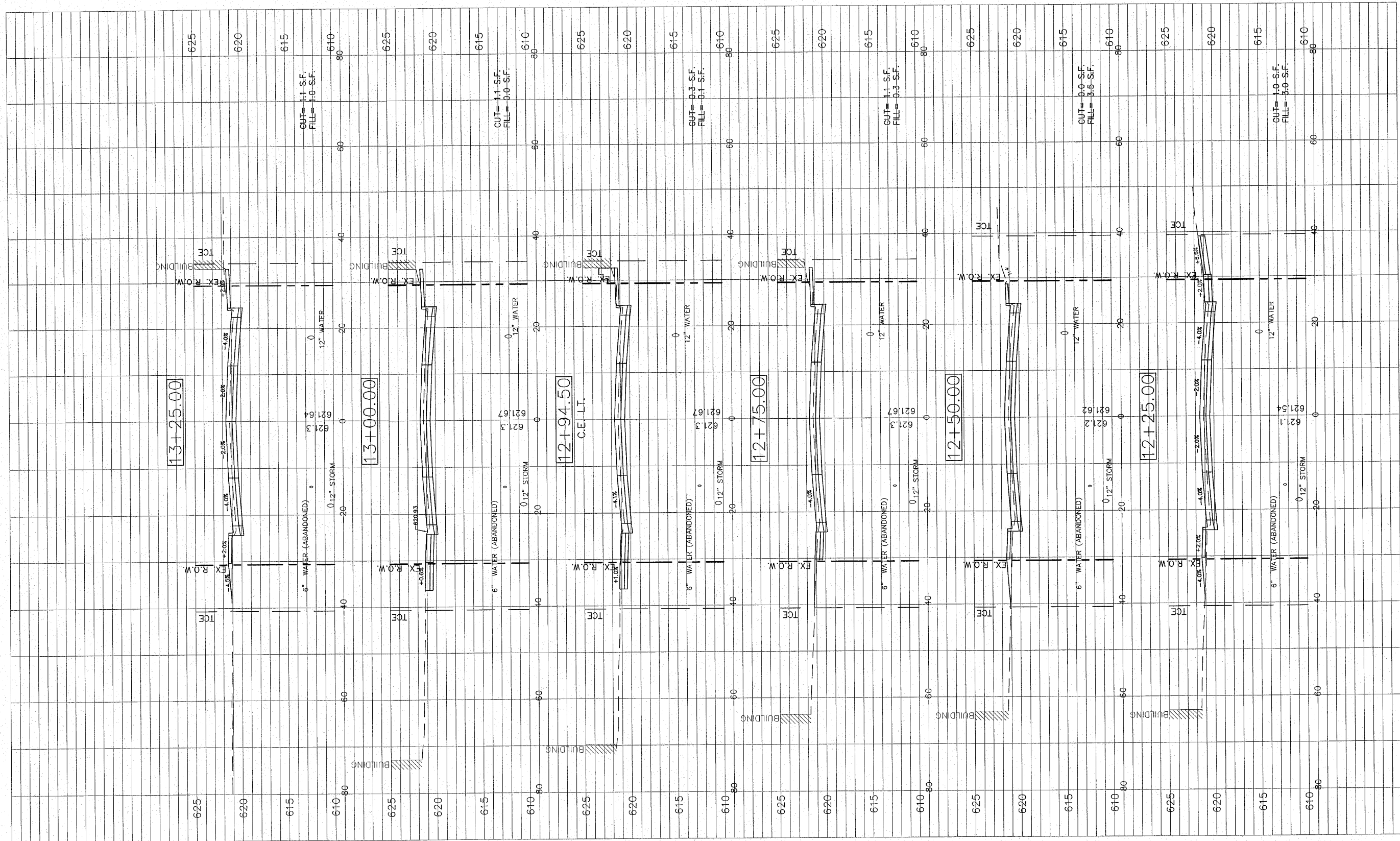
USER NAME = Hargan, Chris	DESIGNED - CSH	REVISED - 4/5/2010
PLOT SCALE = 1:1	DRAWN - CAW	REVISED -
PLOT DATE = 4/8/2010	CHECKED - DLK	REVISED -
	DATE - 11/25/09	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTION

SCALE: 1:10 SHEET NO. 22 OF 29 SHEETS STA. 11+50 TO STA. 12+20

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8136	09-00036-02-PV	MACOUPIN	29	22
CONTRACT NO. 9352/				



FILE NAME = 01819-301

USER NAME = Webster, Chris	DESIGNED - CSH	REVISED -
PLOT SCALE = 1:1	DRAWN - CAW	REVISED -
PLOT DATE = 12/14/2009	CHECKED - DLK	REVISED -
	DATE - 11/25/09	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

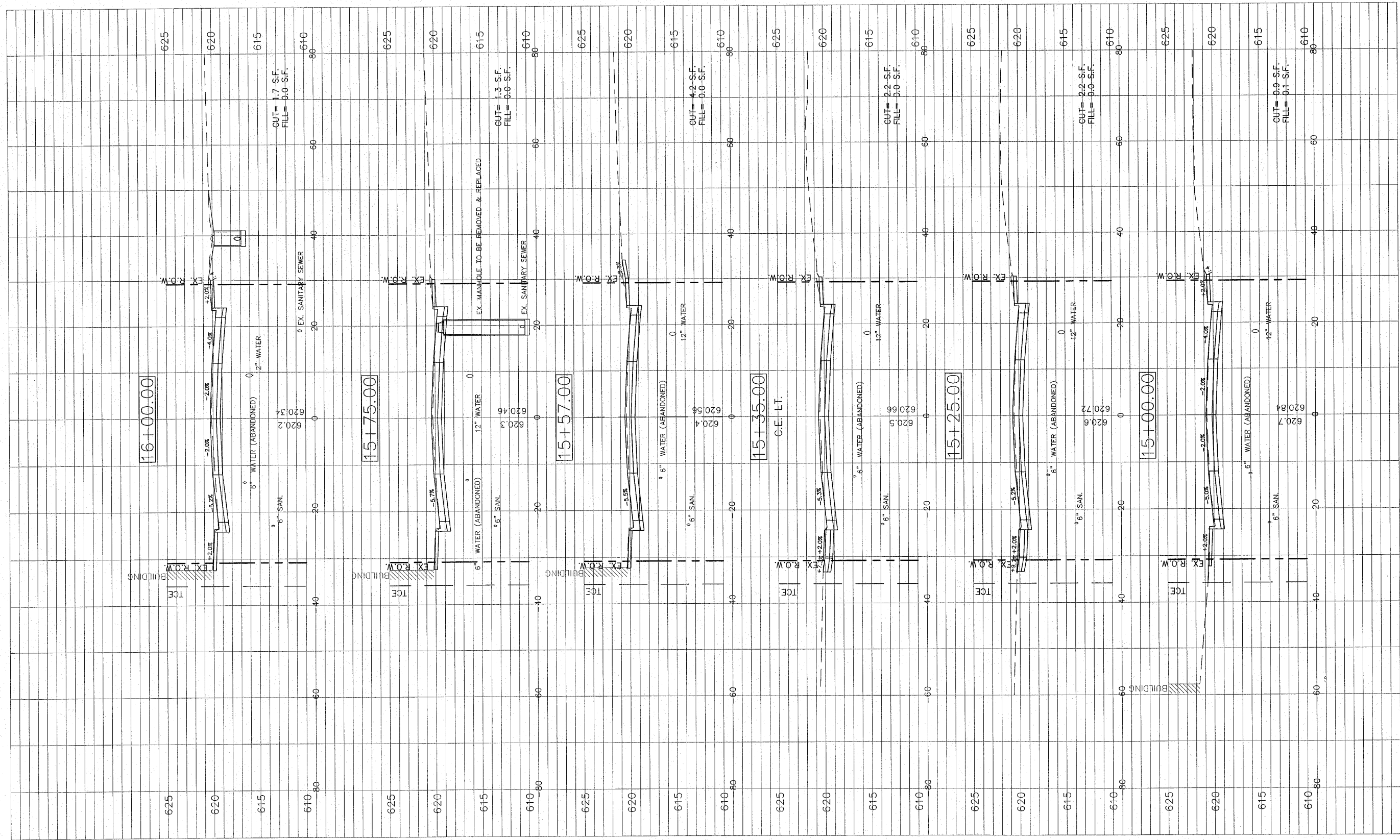
CROSS SECTION

SCALE: 1:10 SHEET NO. 23 OF 29 SHEETS STA. 12+25 TO STA. 13+25

F.A.U. RTE. 8136	SECTION 09-00036-02-PV	COUNTY MACOUPIN	TOTAL SHEETS 29	SHEET NO. 23
CONTRACT NO. 93521				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				







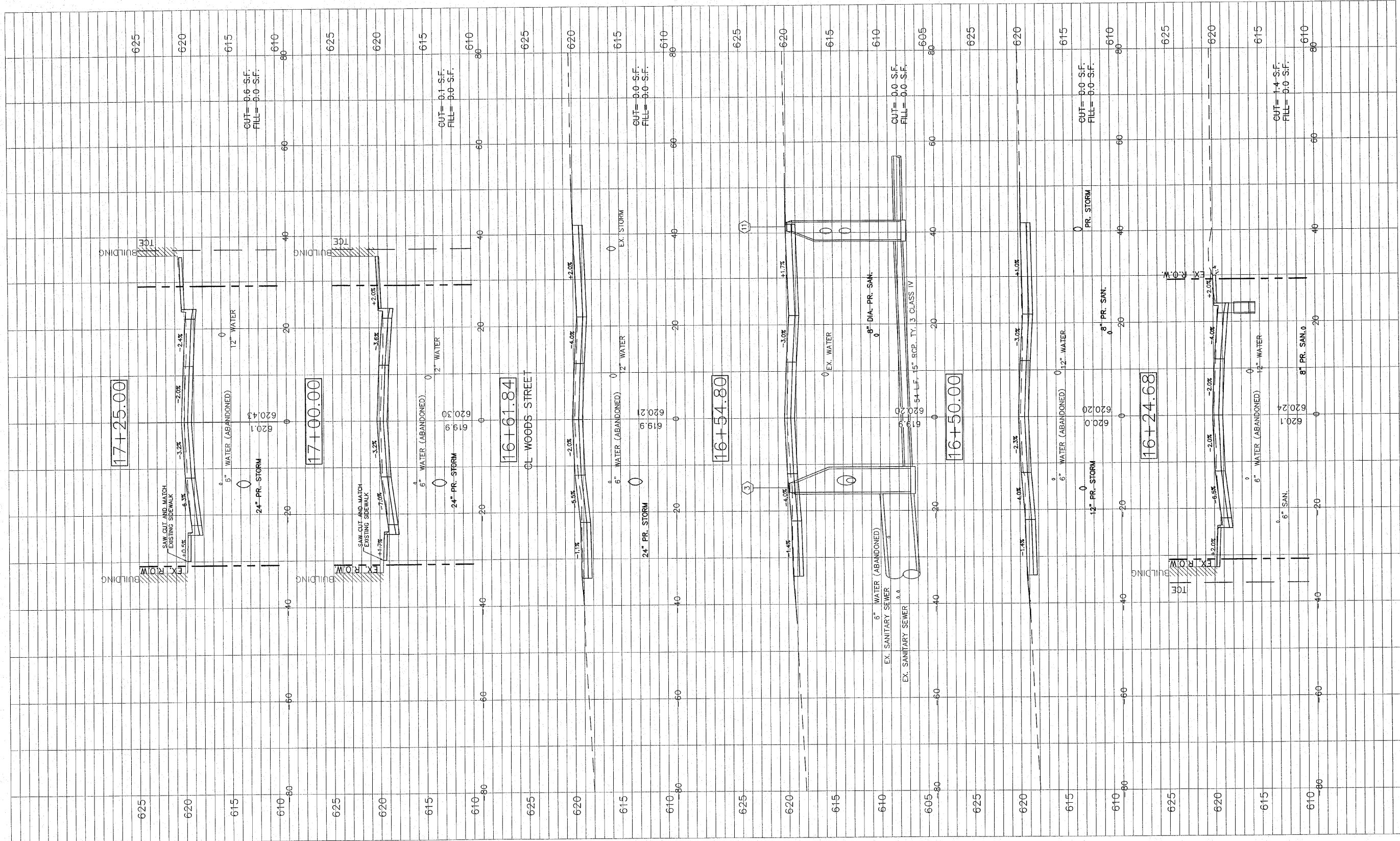
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01819-301		DRAWN - CAW	REVISED -
	PLOT SCALE = 1:1	CHECKED - DLK	REVISED -
	PLOT DATE = 12/14/2009	DATE - 11/25/09	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTION**

SCALE: 1:10 SHEET NO. 25 OF 29 SHEETS STA. 15+00 TO STA. 16+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8136	09-00036-02-PV	MACOUPIN	29	25
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT			CONTRACT NO. 93521	



FILE NAME =  
01819-301

USER NAME = Horgan, Chris  
PLOT SCALE = 1:1  
PLOT DATE = 4/8/2010

DESIGNED - CSH  
DRAWN - CAW  
CHECKED - DLK  
DATE - 11/25/09

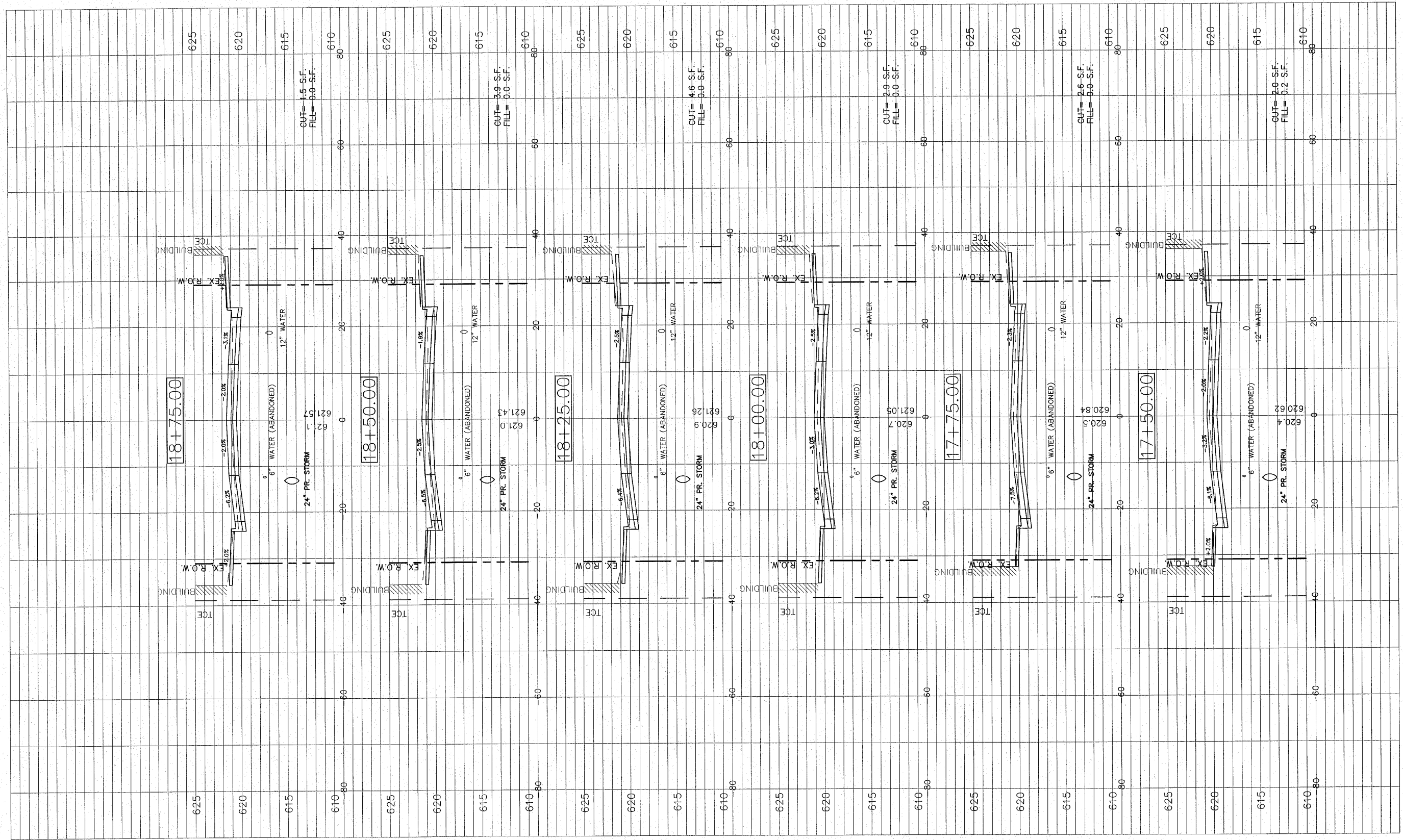
REVISED - 4/5/2010  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: 1:10  
SHEET NO. 26 OF 29 SHEETS  
STA. 16+25 TO STA. 17+25

CROSS SECTION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8136	09-00036-02-PV	MACOUPIN	29	26
CONTRACT NO. 93521				



FILE NAME = 01819-301

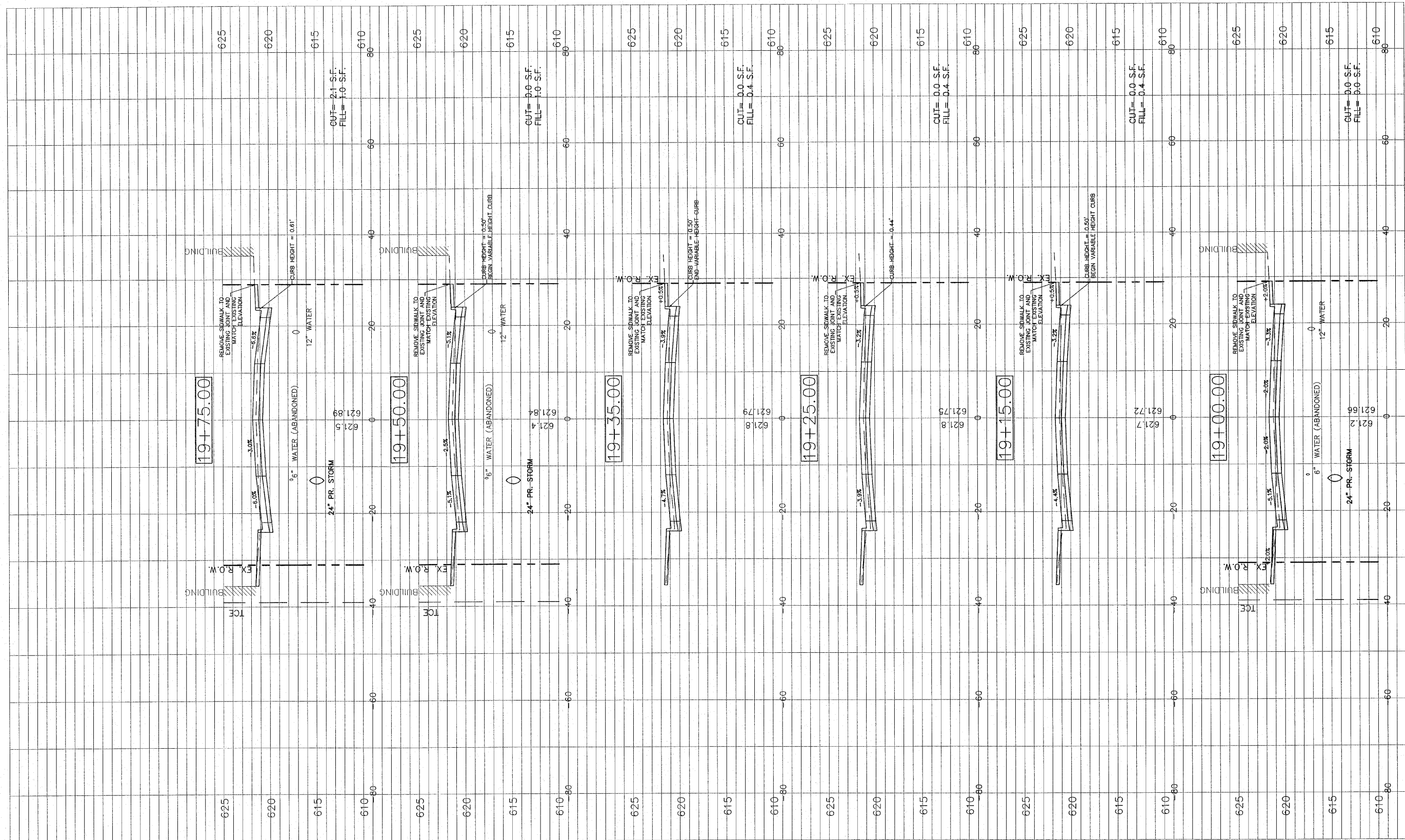
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PLOT DATE = 12/14/2009	CHECKED - DLK	REVISED -
	DATE - 11/25/09	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTION

SCALE: 1:10 SHEET NO. 27 OF 29 SHEETS STA. 17+50 TO STA. 18+75

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8136	09-00036-02-PV	MACOUPIN	29	27
CONTRACT NO. 93521				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				



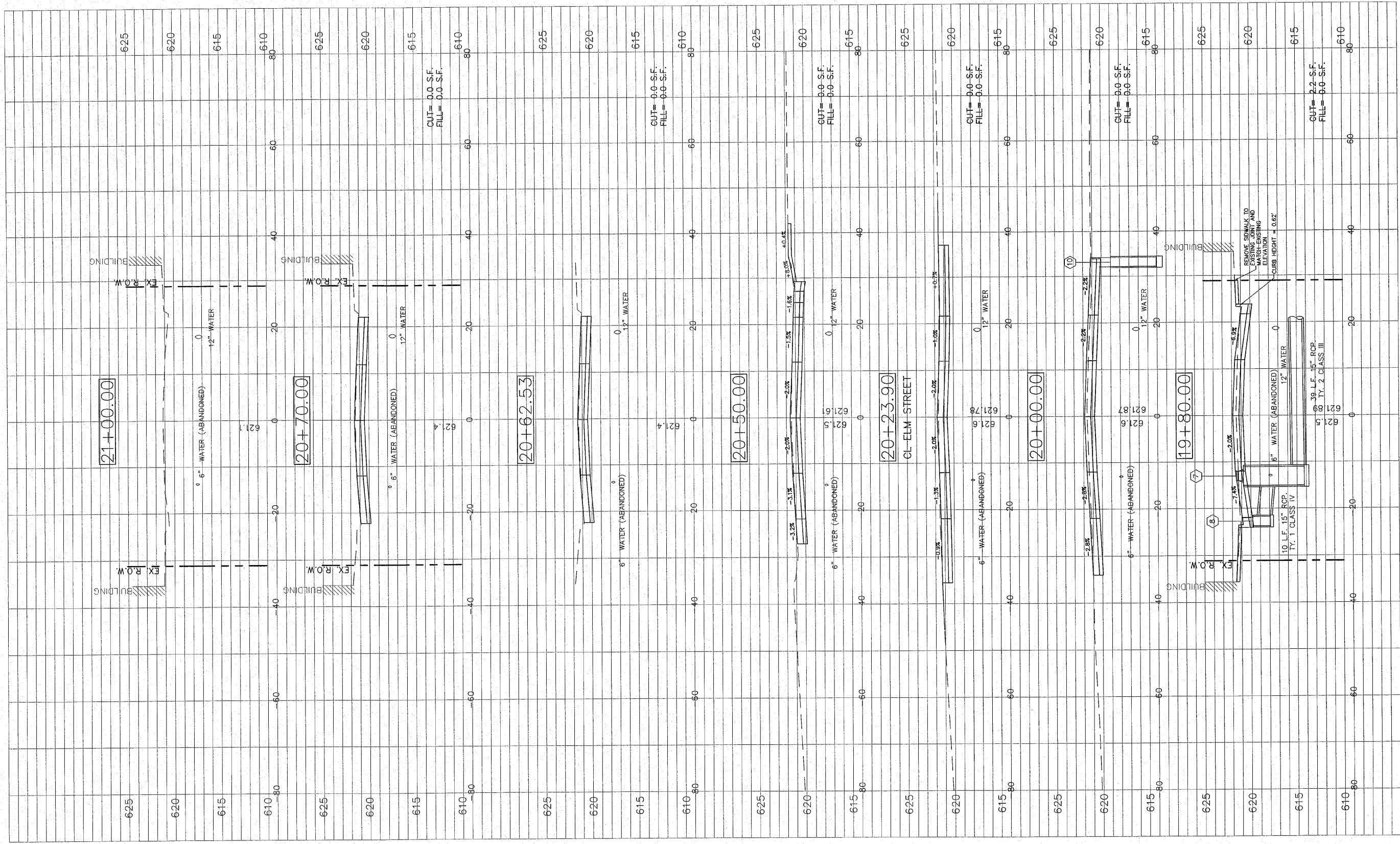
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01819-301	PLOT SCALE = 1:1	DRAWN - CAW	REVISED -
	PLOT DATE = 4/8/2010	CHECKED - DLK	REVISED -
		DATE - 11/25/09	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTION

SCALE: 1:10 SHEET NO. 28 OF 29 SHEETS STA. 19+00 TO STA. 19+75

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8136	09-00036-02-PV	MACOUPIN	29	28
CONTRACT NO. 93521				



FILE NAME = 01819-301

USER NAME = Horgan, Chris	DESIGNED - CSH	REVISED - 4/5/2010
PLOT SCALE = 1:1	DRAWN - CAW	REVISED -
PLOT DATE = 4/8/2010	CHECKED - DLK	REVISED -
	DATE - 11/25/09	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CROSS SECTION

SCALE: 1:10 SHEET NO. 29 OF 29 SHEETS STA. 19+80 TO STA. 21+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8136	09-00036-02-PV	MACOUPIN	29	29
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT			CONTRACT NO. 93521	