

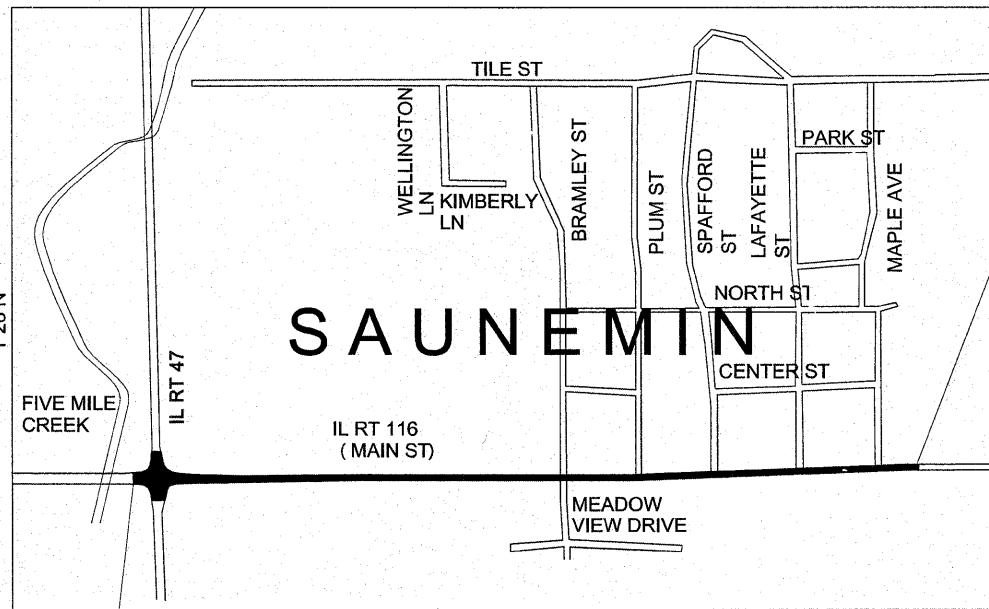
SUBSURFACE UTILITY ENGINEERING (S.U.E.)
UTILIZED ON THIS PROJECT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 681 (IL 116)
SECTION 114 RS-2
PROJECT **ESP-0681(038)**
LIVINGSTON COUNTY

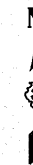
RESURFACING, CURB AND GUTTER AND STORM
SEWER WORK ON IL 116 FROM IL 47 TO EAST
OF MAPLE STREET IN SAUNEMIN
C - 93 - 006 - 05



BEGIN IMPROVEMENT
STA. 585 + 90

LOCATION MAP

GROSS LENGTH = 3,760 FT. = 0.71 MI.
NET LENGTH = 3,760 FT. = 0.71 MI.



END IMPROVEMENT
STA. 623 + 50



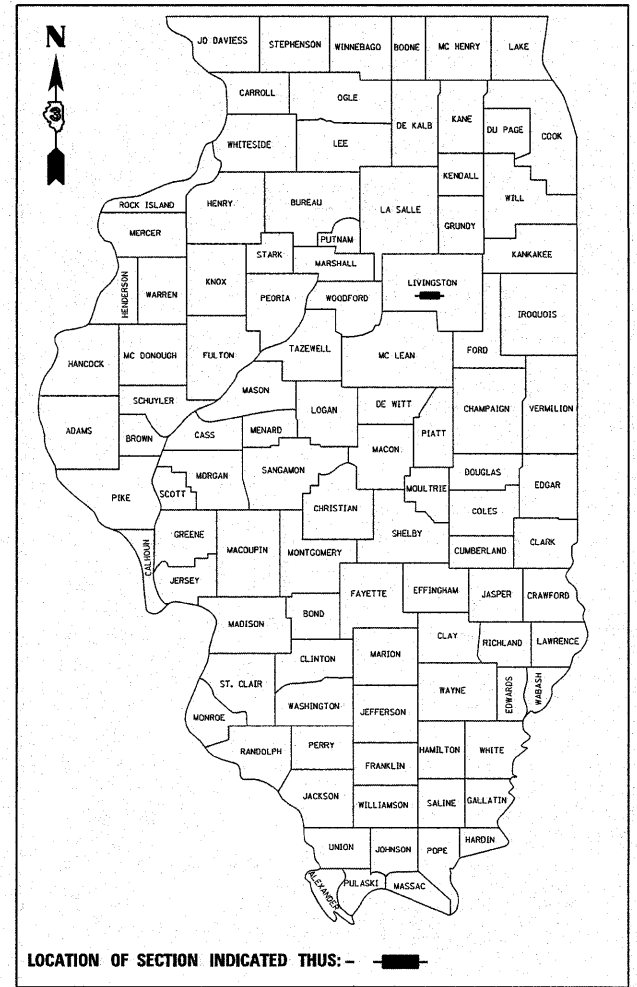
Steven P. Fessenbecker
STEVEN P. FESSENBECKER, P.E.
I.C. NO. 062-051254
EXPIRES 11/30/2009

KUDRNA & ASSOCIATES, LTD.
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-000920
EXPIRES 4/30/2011

KUDRNA
& ASSOCIATES, LTD.
www.kudrna.com
400 South Green Street - Suite 304
Chicago, Illinois 60607
Phone (312)738-1522
Fax (312)738-9792
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Westmont, Illinois 60559
Phone (630)969-3060
Fax (630)969-3122
CIVIL ENGINEERING • PLANNING • DESIGN • LAND SURVEY • CONSTRUCTION MANAGEMENT

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	114 RS-2	LIVINGSTON	63	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 66532		

P-93-023-00
D-93-014-05



DESIGN DESIGNATION
RURAL MINOR ARTERIAL
ADT (2004) 2,500
P.V. = 87.7% S.U. = 6.7% M.U. = 5.6%
SPEED LIMIT 35 MPH

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED _____ 20 _____

George Raymon
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

January 29, 2010
Scott E. Stitt P.E. / D
ENGINEER OF DESIGN AND ENVIRONMENT

January 29, 2010
Christine M. Reed / D
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

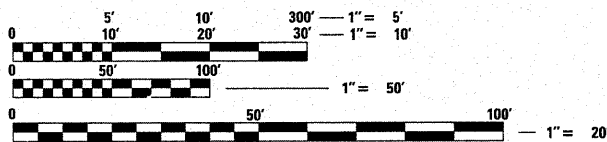
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STATE STANDARDS

- 280001-05 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-05 CURB RAMPS FOR SIDEWALKS
- 442201-03 CLASS C AND D PATCHES
- 542301-02 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 542311-01 GRATING FOR CONCRETE FLARED END SECTION
- 602301-02 INLET, TYPE A
- 602306-02 INLET, TYPE B
- 602401-02 MANHOLE, TYPE A
- 602406-03 MANHOLE, TYPE A 6' DIAMETER
- 602601-02 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-02 MANHOLE STEPS
- 604001-03 FRAME AND LIDS, TYPE 1
- 604036-02 GRATE, TYPE 8
- 604091-02 FRAME AND GRATE, TYPE 24
- 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
- 667101-01 PERMANENT SURVEY MARKERS
- 701006-03 OFF ROAD OPERATIONS, 2L, 2W, 15" TO 24" FROM PAVEMENT EDGE
- 701501-05 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701901-01 TRAFFIC CONTROL DEVICES
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS



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.

MICROFILMED _____
REEL NUMBER _____
AWARDED _____
RESIDENT ENGINEER _____
AS BUILT CHANGES WERE MADE
ON THE FOLLOWING SHEETS _____

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

DISTRICT 3 NO. (815) 434-6131
PROJECT ENGINEER: CRAIG REED
UNIT CHIEF: MARK JONES
TOWNSHIP: SAUNEMIN
CONTRACT NO. 66532

GENERAL NOTES

THE THICKNESS OF HMA 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 IS PLACED.

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE

THE BASE COURSE WIDENING SHALL BE CARRIED THROUGH ALL ENTRANCES, SIDE ROADS, AND MAILBOX TURNOUTS. EXCEPTIONS WILL BE SHOWN ON THE PLANS.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

FOR NEW CONSTRUCTION, PLACE CURB RAMPS FOR SIDEWALKS (STANDARD 424001) AT ALL LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
BIT MATERIALS (PRIME COAT)	0.375	GAL / SQ YD
ON AGGREGATE BASES		
BITUMINOUS MATERIALS (PRIME COAT)	0.08	GAL / SQ YD
FOR ADDITIONAL HMA LIFTS "FOG COAT"	0.05	GAL / SQ YD
AGGREGATE PRIME COAT	0.002	TONS / SQ YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT / 100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION
CALCIUM CHLORIDE	2	LB / SQ YD / APPLICATION
TEMPORARY DITCH CHECKS	5	TONS AGGREGATE

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PRESENCE OF DEPARTMENT-OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR SHALL REQUEST THE ILLINOIS DEPARTMENT OF TRANSPORTATION IN OTTAWA (815-434-8417) TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM OF 72 HOURS NOTICE. THE DEPARTMENT IS NOT A MEMBER OF THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (JULIE) SYSTEM.

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE SHALL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.

NO TRENCHES WILL BE ALLOWED TO BE OPEN OVERNIGHT. THE HMA PATCH ON IL 47 MUST BE COMPLETED AT THE END OF EACH DAY'S OPERATION.

ANY EXPOSED EXCAVATIONS DEEPER THAN 1' SHALL BE PROTECTED (SHIELDED, SURROUNDED) BY A TEMPORARY FENCE (SECTION 1081.15(d)) OVERNIGHT, WEEKENDS OR ANY OTHER UNMONITORED PERIOD. THE CONTRACTOR IS NOT ON SITE. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED A PART OF THE UNIT COST OF WORK BEING PERFORMED.

OFFSETS GIVEN TO PROPOSED PRECAST FLARED END SECTIONS ARE TO THE END OF THE SECTION.

OFFSETS GIVEN TO INLETS AND MANHOLES OUTSIDE OF THE PAVEMENT ARE TO THE CENTER OF THE STRUCTURE.

RIM ELEVATIONS OF FRAME AND GRATES IN CURB AND GUTTER ARE GIVEN TO THE EDGE OF PAVEMENT.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

FRONTIER TELEPHONE COMPANY
NICOR GAS COMPANY
COMMONWEALTH EDISON COMPANY
MEDIACOM

NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:









CITY OF SAUNEMIN
P.O. BOX 283
SAUNEMIN, IL 61769

ILLINOIS AMERICAN WATER CORPORATION
401 W. HOWARD ST.
PONTIAC, IL 61764
TIM TULEY 815-844-2402

COMMITMENTS

- ENTRANCES WERE REMOVED AT STA. 600+00 AND STA. 600+90 LEFT.
- AN ENTRANCE WAS ADDED TO THE CITY PROPERTY AT STA. 610+75 RIGHT.
- THE ENTRANCE AT STA. 616+00 RIGHT WAS ADJUSTED.
- TWO ENTRANCES WERE PLACED ON THE PROPERTY BETWEEN STA. 614+15 AND 615+75.

LEGEND

	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	PAVEMENT PATCHING
	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL
	MEDIAN REMOVAL
	HMA BASE COURSE WIDENING
	STONE RIP RAP

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: *David Branic*
Acting DISTRICT STUDIES & PLANS ENGINEER

DATE: 12/10/09

EXAMINED BY: *Herbert P. ...*
DISTRICT CONSTRUCTION ENGINEER

James J. ...
DISTRICT MATERIALS ENGINEER

James A. ...
DISTRICT OPERATIONS ENGINEER

FILE NAME =	USER NAME = IDOTCAD	DESIGNED - SPF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES AND COMMITMENTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
W:\2183.03-100T IL 116 Plans\09\Sheet Files\202300GN.dgn	DRAWN - AJP	REVISED -	681			114 RS-2	LIVINGSTON	63	2	
PLOT SCALE = 1.0000 "/ IN.	CHECKED - JMS	REVISED -	CONTRACT NO. 66532							
PLOT DATE = 9/18/2009	DATE - 09/25/09	REVISED -	SCALE:			SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES				100% FED.	
CODE NO.	CONSTRUCTION CODE TYPE: ITEM	UNIT	1000		
			TOTAL QUANTITY	RDWY QUANTITY	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	6	6	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	42	42	
20101000	TEMPORARY FENCE	FOOT	1230	1230	
20101200	TREE ROOT PRUNING	EACH	36	36	
20200100	EARTH EXCAVATION	CU YD	854	854	
20400800	FURNISHED EXCAVATION	CU YD	1969	1969	
20800150	TRENCH BACKFILL	CU YD	2880	2880	
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	334	334	
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	334	334	
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	334	334	
* 25100630	EROSION CONTROL BLANKET	SQ YD	250	250	
* 25200110	SODDING, SALT TOLERANT	SQ YD	17975	17975	
* 25200200	SUPPLEMENTAL WATERING	UNIT	324	324	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	800	800	
28000305	TEMPORARY DITCH CHECKS	FOOT	115	115	
28000400	PERIMETER EROSION BARRIER	FOOT	3280	3280	
28000500	INLET AND PIPE PROTECTION	EACH	27	27	
28100109	STONE RIPRAP, CLASS A5	SQ YD	56	56	
28200200	FILTER FABRIC	SQ YD	56	56	
31100910	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	6379	6379	
35600724	HOT-MIX ASPHALT BASE COURSE WIDENING, 12"	SQ YD	1535	1535	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	50	50	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2217	2217	
40600300	AGGREGATE (PRIME COAT)	TON	66	66	
40600525	LEVELING BINDER (HAND METHOD), N50	TON	10	10	
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	1540	1540	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1007	1007	
40600990	TEMPORARY RAMP	SQ YD	292	292	
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	240	240	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1182	1182	

SUMMARY OF QUANTITIES				100% FED.	
CODE NO.	CONSTRUCTION CODE TYPE: ITEM	UNIT	1000		
			TOTAL QUANTITY	RDWY QUANTITY	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	206	206	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	1250	1250	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	315	315	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1049	1049	
42400800	DETECTABLE WARNINGS	SQ FT	128	128	
44000100	PAVEMENT REMOVAL	SQ YD	1523	1523	
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	3693	3693	
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	1444	1444	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1470	1470	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	273	273	
44000600	SIDEWALK REMOVAL	SQ FT	2045	2045	
44003100	MEDIAN REMOVAL	SQ FT	621	621	
44004250	PAVED SHOULDER REMOVAL	SQ YD	1273	1273	
44201785	CLASS D PATCHES, TYPE I, 12 INCH	SQ YD	183	183	
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	105	105	
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	112	112	
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	7140	7140	
50105200	REMOVE EXISTING CULVERTS	EACH	33	33	
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	1	1	
54247190	GRATING FOR CONCRETE FLARED END SECTION 48"	EACH	1	1	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	755	755	
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	137	137	
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	106	106	
550A0440	STORM SEWERS, CLASS A, TYPE 2 33"	FOOT	247	247	
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	153	153	
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	280	280	
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	668	668	
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	20	20	
550A2380	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 30"	FOOT	343	343	
550A2560	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	FOOT	335	335	

* SPECIALTY ITEMS

SUMMARY OF QUANTITIES

100% FED.

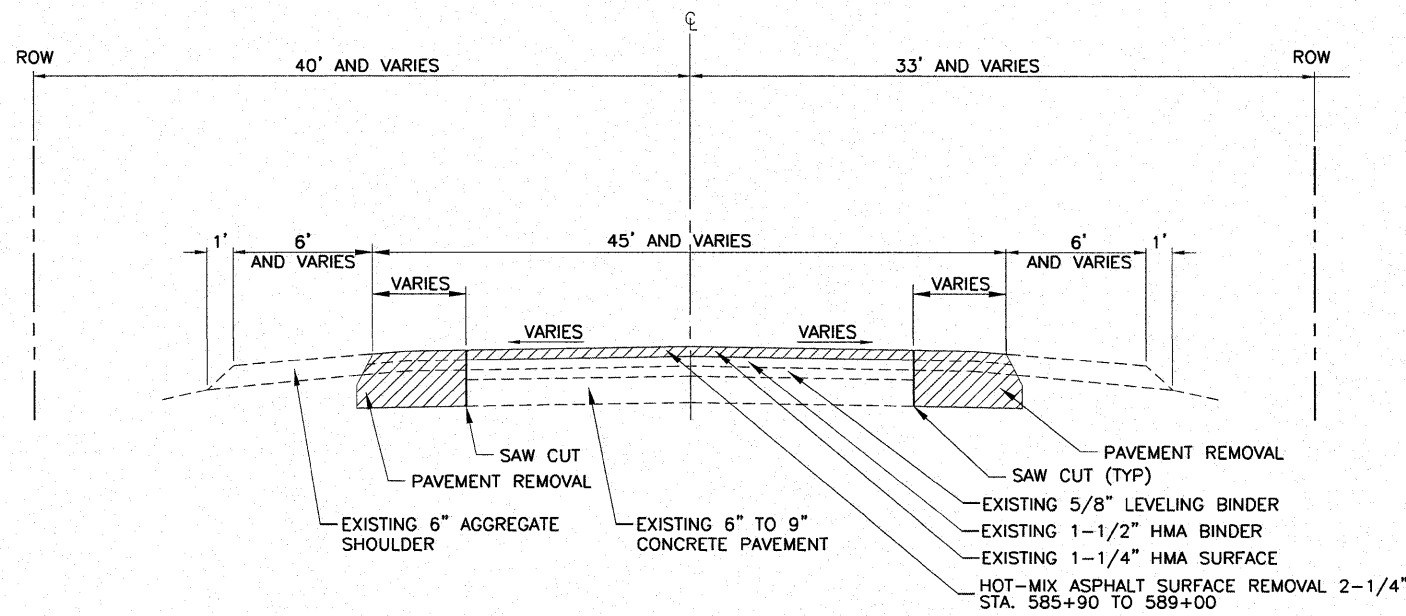
CODE NO.	CONSTRUCTION CODE TYPE: ITEM	UNIT	1000	
			TOTAL QUANTITY	RDWY QUANTITY
550A2570	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 27"	FOOT	212	212
550A2600	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 36"	FOOT	369	369
550A2610	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 42"	FOOT	135	135
60218400	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	11	11
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	13	13
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	21	21
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	22	22
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	2	2
60240345	INLETS, TYPE B, TYPE ^{B-} 24 FRAME AND GRATE	EACH	41	41
60500040	REMOVING MANHOLES	EACH	2	2
60500060	REMOVING INLETS	EACH	2	2
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	7346	7346
60625800	ISLAND PAVEMENT (SPECIAL)	SQ YD	116	116
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	683	683
66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1
66900510	BETX-PNAS SOIL ANALYSIS	EACH	7	7
66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3
66900610	ARSENIC AND PH SOIL ANALYSIS	EACH	3	3
66900635	LEAD TCLP SOIL ANALYSIS	EACH	9	9
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12
67100100	MOBILIZATION	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	45	45
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	385	385
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	78	78
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	2726	2726
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	991	991
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	873	873

SUMMARY OF QUANTITIES

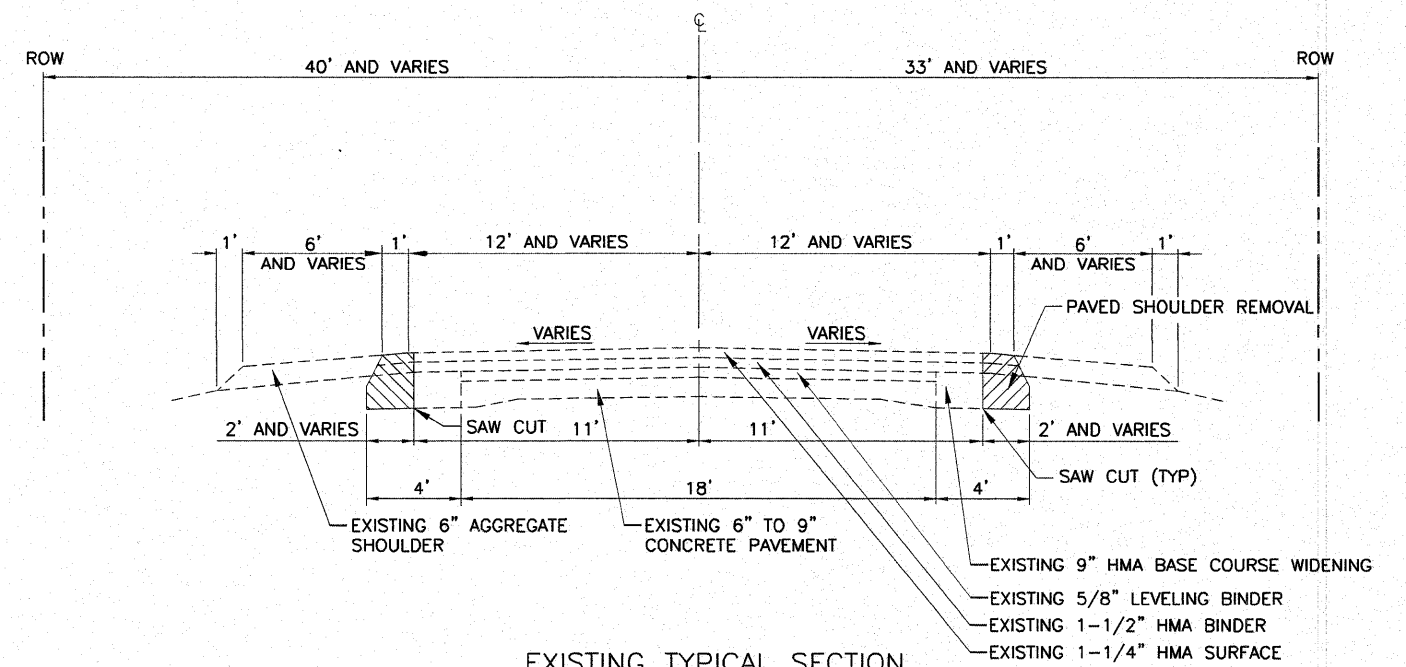
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CODE NO.	CONSTRUCTION CODE TYPE: ITEM	UNIT	1000	
			TOTAL QUANTITY	RDWY QUANTITY
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	395	395
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	214	214
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	78	78
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2726	2726
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	991	991
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	873	873
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	395	395
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	214	214
* 78100100	RAISED REFLECTOR PAVEMENT MARKER	EACH	94	94
* 78200300	PRISMATIC CURB REFLECTOR	EACH	32	32
78300200	RAISED REFLECTOR PAVEMENT MARKER REMOVAL	EACH	50	50
81000300	CONDUIT IN TRENCH, 1" DIA., GALVANIZED STEEL	FOOT	100	100
81017510	CONDUIT IN TRENCH, 1" DIA., COILABLE NONMETALLIC CONDUIT	FOOT	100	100
81030100	CONDUIT SPLICE	EACH	6	6
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	100	100
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	1200	1200
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
Z0032900	LAND SECTION MARKERS	EACH	1	1
Z0049300	REFERENCING LAND SECTION MARKERS	EACH	1	1
Z0055300	RUMBLE STRIP	EACH	11	11
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	292	292
X0322035	STORM SEWERS (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	366	366
X0322089	STORM SEWERS (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	89	89
X0322090	STORM SEWERS (WATER MAIN REQUIREMENTS) 42 INCH	FOOT	390	390
X0322092	STORM SEWERS (WATER MAIN REQUIREMENTS) 48 INCH	FOOT	285	285
X0322903	SAW CUTTING, (FULL DEPTH)	FOOT	7140	7140
Z0059400	SANITARY SEWER, TYPE 2 4"	FOOT	75	75
Z0059500	SANITARY SEWER, TYPE 2 6"	FOOT	75	75
Z0059600	SANITARY SEWER, TYPE 2 8"	FOOT	75	75

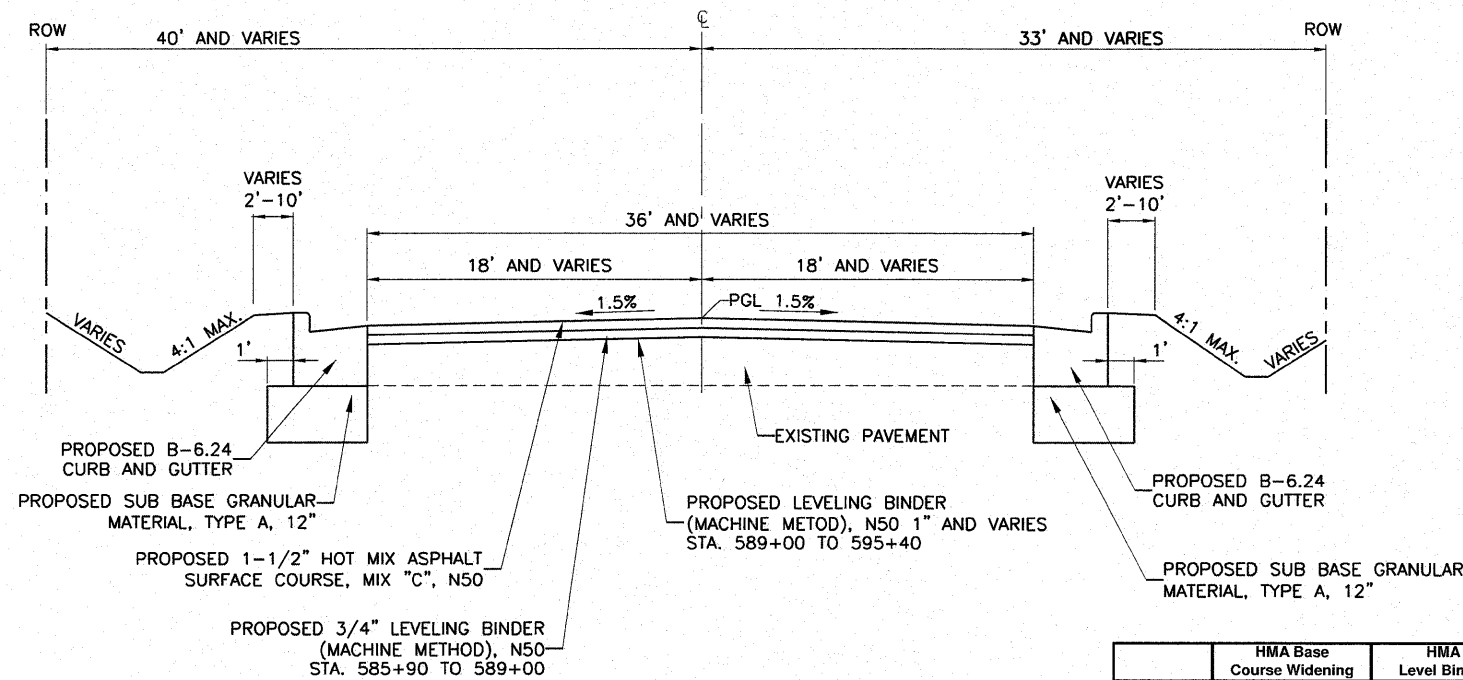
* SPECIALTY ITEMS



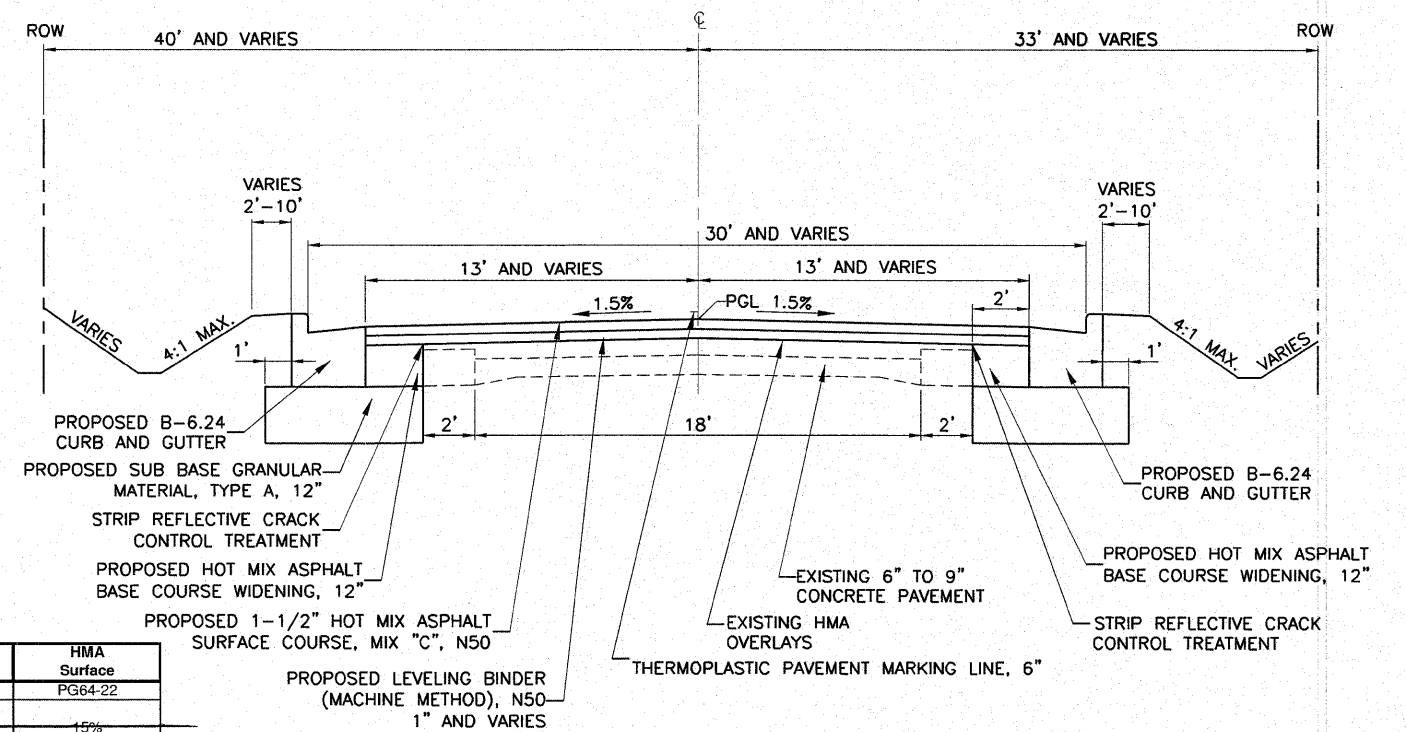
EXISTING TYPICAL SECTION
STA. 585+90 TO STA. 595+40



EXISTING TYPICAL SECTION
STA. 595+40 TO STA. 623+50



PROPOSED TYPICAL SECTION
IL 116 FROM IL 47 TO EAST OF MAPLE STREET
STA. 585+90 TO STA. 595+40



PROPOSED TYPICAL SECTION
IL 116 FROM IL 47 TO EAST OF MAPLE STREET
STA. 595+40 TO STA. 623+50

	HMA Base Course Widening	HMA Level Binder	HMA Surface
PG Grade	PG64-22	PG64-22	PG64-22
Max % RAP			
Allowable**	25%	25%	15%
Design Air Voids	4.0% @ N50	4.0% @ N50	4.0% @ N50
Mixture Composition	IL 19.0	IL 9.5	IL 12.5 or IL 9.5
Friction			
Aggregate			Mixture C
Density Test Method	Cores*	Satisfaction of Engineer	Cores

* Material shall be compacted to 93.0-97.4 percent of the maximum theoretical density, except that when placed as first lift on an unimproved subgrade the minimum percent compaction shall be 92.0 percent. The maximum theoretical density shall be determined from the moving average as specified in the QC/QC Specification.

** When more than 20% RAP is used, a softer asphalt binder (PG50-22) may be required as determined by the Engineer.

STORM STRUCTURE SCHEDULE

Structure Number	Type	Inverts	Rims	STA./OFFSET
S1	PRECAST FLARED END SECTION, 48"	665.33	-	585+80 , 50R
S2	INLET, TYPE A, TYPE 24 F&G	672.41 (E)	676.29	588+35 , 22R
S3	INLET, TYPE A, TYPE 24 F&G	672.42 (E)	676.29	588+35 , 22L
S4	INLET, TYPE B, TYPE 24 F&G	672.28 (S) 672.28 (W)	676.28	588+50 , 20L
S5	INLET, TYPE B, TYPE 24 F&G	671.91 (N) 672.28 (W) 671.62 (S)	676.28	588+50 , 20R
S6	STORM MH, TYPE A, 6-FT DIA., TYPE 1 F&G	666.00 (E) 666.00 (W) 671.50 (N)	676.00	588+50 , 34R
S8	INLET, TYPE A, TYPE 24 F&G	671.80 (S)	675.80	591+40 , 17L
S9	INLET, TYPE B, TYPE 24 F&G	671.49 (N) 670.65 (S)	675.80	591+40 , 17R
S10	STORM MH, TYPE A, 6-FT DIA., TYPE 1 F&G	666.72 (E) 666.72 (W) 670.60 (NE)	675.10	591+36 , 24R
S11	INLET, TYPE A, TYPE 24 F&G	669.13 (E)	673.13	592+14 , 44R
S12	INLET, TYPE B, TYPE 24 F&G	668.92 (W)	673.13	592+38 , 44R
S13	INLET, TYPE A, TYPE 24 F&G	668.92 (NE) 671.21 (S)	675.21	592+67 , 14L
S14	INLET, TYPE B, TYPE 24 F&G	670.96 (N) 670.05 (SW)	675.21	592+67 , 14R
S15	STORM MH, TYPE A, 7-FT DIA., TYPE 1 F&G	668.63 (SW) 670.00 (NE) 667.04 (E) 667.08 (SE) 667.04 (W)	674.50	592+63 , 22R
S15A	INLET, TYPE A, TYPE 8 GRATE	667.15 (NW)	671.15	592+70 , 30R
S17	INLET, TYPE A, TYPE 24 F&G	670.71 (S)	674.71	593+70 , 13L
S18	INLET, TYPE B, TYPE 24 F&G	670.49 (N) 669.85 (SW)	674.71	593+70 , 13R
S19	STORM MH, TYPE A, 6-FT DIA., TYPE 1 F&G	669.80 (NE) 667.30 (E) 667.30 (W)	674.30	593+66 , 21R
S19A	INLET, TYPE A, TYPE 24 F&G	670.21 (S)	674.21	594+70 , 13L
S19B	INLET, TYPE B, TYPE 24 F&G	669.98 (N) 669.64 (SW)	674.21	594+70 , 13R
S19C	STORM MH, TYPE A, 6-FT DIA., TYPE 1 F&G	669.60 (NE) 667.55 (W) 667.55 (E) 668.89 (S)	674.10	594+66 , 20R
S19D	INLET, TYPE A, TYPE 8 GRATE	668.94 (N)	672.94	594+65 , 30R
S20	INLET, TYPE A, TYPE 8 GRATE	670.21 (S)	672.45	595+85 , 30L
S21	INLET, TYPE A, TYPE 8 GRATE	669.39 (NW)	672.39	595+80 , 30R
S22	INLET, TYPE B, TYPE 24 F&G	669.75 (E) 669.00 (NE) 667.80 (E) 667.80 (W) 669.26 (SE)	673.84	595+70 , 13R
S23	STORM MH, TYPE A, 6-FT DIA., TYPE 1 F&G	670.09 (S) 670.09 (N) 670.09 (W) 670.12 (E)	673.84	595+79 , 13L
S24	INLET, TYPE B, TYPE 24 F&G	669.86 (N) 669.86 (W)	673.86	595+85 , 13L
S24A	INLET, TYPE A, TYPE 24 F&G	670.46 (S)	674.46	597+05 , 13L
S25	INLET, TYPE B, TYPE 24 F&G	670.23 (N) 670.23 (SW)	674.46	597+05 , 13R
S26	INLET, TYPE A, TYPE 24 F&G	670.20 (NE) 668.13 (W) 668.13 (E)	674.80	597+01 , 19R
S27	INLET, TYPE B, TYPE 24 F&G	668.13 (E) 671.21 (S)	675.21	598+40 , 13L
S28	STORM MH, TYPE A, 6-FT DIA., TYPE 1 F&G	670.98 (N) 670.98 (SW)	675.21	598+40 , 13R
S29	INLET, TYPE A, TYPE 24 F&G	670.95 (NE) 668.81 (E) 668.81 (W)	675.60	598+36 , 19R
S30	INLET, TYPE B, TYPE 24 F&G	671.97 (S)	675.97	599+75 , 13L
S31	STORM MH, TYPE A, 6-FT DIA., TYPE 1 F&G	671.74 (N) 671.74 (SW) 671.71 (NE) 669.48 (E) 669.48 (W)	676.50	599+71 , 19R
S32	INLET, TYPE A, TYPE 24 F&G	673.03 (S)	676.45	601+34 , 22L
S33	INLET, TYPE B, TYPE 24 F&G	672.88 (N) 672.88 (S)	676.88	601+20 , 13L
S34	STORM MH, TYPE A, 6-FT DIA., TYPE 1 F&G	672.65 (N) 672.65 (S)	676.88	601+20 , 13R
S35	INLET, TYPE A, TYPE 8 GRATE			
S36	INLET, TYPE B, TYPE 24 F&G			
S37	INLET, TYPE B, TYPE 24 F&G			

Structure Number	Type	Inverts	Rims	STA./OFFSET
S38	STORM MH, TYPE A, 6-FT DIA., TYPE 1 F&G	672.62 (NE) 670.21 (E) 670.21 (W)	677.35	601+16 , 19R
S39	INLET, TYPE A, TYPE 24 F&G	673.75 (S)	677.75	602+60 , 13L
S40	INLET, TYPE B, TYPE 24 F&G	673.52 (N) 673.52 (SW)	677.75	602+60 , 13R
S41	STORM MH, TYPE A, 6-FT DIA., TYPE 1 F&G	673.49 (NE) 670.91 (E) 670.91 (W)	677.95	602+56 , 19R
S42	INLET, TYPE B, TYPE 24 F&G	674.66 (S) 674.66 (N)	678.66	604+05 , 13L
S43	INLET, TYPE B, TYPE 24 F&G	674.43 (N) 674.43 (SW)	678.66	604+05 , 13R
S44	STORM MH, TYPE A, 6-FT DIA., TYPE 1 F&G	674.40 (NE) 671.63 (E) 671.63 (W)	678.80	604+01 , 19R
S44A	INLET, TYPE A, TYPE 8 GRATE	674.27 (SW)	678.80	604+01 , 19R
S45	INLET, TYPE A, TYPE 8 GRATE	674.30 (NE)	678.30	603+97 , 25R
S46	INLET, TYPE A, TYPE 24 F&G	674.73 (S)	678.10	604+05 , 23L
S47	INLET, TYPE B, TYPE 24 F&G	675.53 (S) 675.31 (N) 674.08 (SW)	679.53	605+45 , 13R
S48	STORM MH, TYPE A, 5-FT DIA., TYPE 1 F&G	674.05 (NE) 672.33 (E) 672.33 (W)	679.55	605+41 , 19R
S49	INLET, TYPE A, TYPE 24 F&G	675.72 (E)	679.51	606+12 , 39R
S50	INLET, TYPE B, TYPE 24 F&G	675.51 (W) 674.75 (N)	679.51	606+37 , 39R
S51	STORM MH, TYPE A, 5-FT DIA., TYPE 1 F&G	674.59 (S) 672.70 (E) 672.70 (W)	680.09	606+35 , 19R
S51A	INLET, TYPE A, TYPE 8 GRATE	675.84 (NW)	679.70	606+70 , 24R
S52	INLET, TYPE B, TYPE 24 F&G	676.02 (N) 675.78 (SW)	680.25	606+62 , 13R
S53	INLET, TYPE B, TYPE 24 F&G	676.25 (S) 677.00 (N)	680.25	606+62 , 13L
S53A	INLET, TYPE A, TYPE 8 GRATE	677.07 (S)	679.07	606+62 , 24L
S54	STORM MH, TYPE A, 6-FT DIA., TYPE 1 F&G	675.75 (NE) 675.75 (SE) 672.82 (E)	680.25	606+58 , 19R
S54A	INLET, TYPE A, TYPE 24 F&G	672.82 (W) 676.67 (S)	680.67	607+45 , 13R
S54B	INLET, TYPE B, TYPE 24 F&G	676.44 (N) 675.33 (SW)	680.67	607+45 , 13L
S54C	STORM MH, TYPE A, 5-FT DIA., TYPE 1 F&G	675.30 (NE) 673.33 (W) 673.33 (W)	680.80	607+41 , 19R
S55	INLET, TYPE A, TYPE 24 F&G	677.09 (S)	681.09	608+30 , 13L
S56	INLET, TYPE B, TYPE 24 F&G	676.86 (N) 675.53 (SW)	681.09	608+30 , 13R
S57	STORM MH, TYPE A, 5-FT DIA., TYPE 1 F&G	675.50 (NE) 673.76 (E) 673.76 (W)	681.00	608+26 , 19R
S58	INLET, TYPE B, TYPE 24 F&G	677.51 (S) 677.14 (N)	681.51	609+62 , 28L
S58A	INLET, TYPE A, TYPE 8 GRATE	677.77 (SW)	680.51	609+75 , 55L
S59	INLET, TYPE B, TYPE 24 F&G	677.11 (NE) 677.11 (SE) 674.22 (E)	681.74	609+62 , 13R
S60	STORM MH, TYPE A, 6-FT DIA., TYPE 1 F&G	677.23 (N) 677.23 (E) 677.23 (S)	681.65	609+58 , 19R
S60A	INLET, TYPE A, TYPE 8 GRATE	674.22 (W) 676.60 (NW)	680.60	609+68 , 25R
S61	INLET, TYPE A, TYPE 8 GRATE	677.47 (S)	680.75	610+36 , 56L
S62	INLET, TYPE B, TYPE 24 F&G	677.23 (N) 677.23 (E) 677.23 (S)	681.23	610+37 , 28L
S63	INLET, TYPE B, TYPE 8 GRATE	677.50 (E) 677.50 (W)	681.00	610+68 , 25L
S63A	INLET, TYPE A, TYPE 8 GRATE	678.28 (W)	681.00	611+50 , 30L
S64	INLET, TYPE B, TYPE 24 F&G	676.84 (N) 676.63 (SW)	682.25	610+51 , 13R
S65	STORM MH, TYPE A, 5-FT DIA., TYPE 1 F&G	676.60 (NE) 674.86 (E) 674.86 (W)	682.10	610+47 , 19R
S68	INLET, TYPE A, TYPE 24 F&G	679.42 (E) 679.20 (W) 679.20 (SE)	682.40	612+79 , 41L
S69	INLET, TYPE B, TYPE 24 F&G	679.20 (S)	682.40	613+03 , 41L

Structure Number	Type	Inverts	Rims	STA./OFFSET
S70	INLET, TYPE B, TYPE 24 F&G	678.70 (N) 677.28 (SW)	683.27	613+05 , 13R
S70A	INLET, TYPE A, TYPE 8 GRATE	679.25 (NW)	680.71	613+24 , 31L
S70B	INLET, TYPE A, TYPE 8 GRATE	676.19 (N)	679.50	613+01 , 29R
S70C	STORM MH, TYPE A, 7-FT DIA., TYPE 1 F&G verify existing 3'x2' box (N)	675.87 (E) 675.87 (W) 657.87(EX. N)	683.10	612+65 , 19R
S71	STORM MH, TYPE A, 5-FT DIA., TYPE 1 F&G	677.25 (NE) 676.13 (S) 676.03 (E)	682.75	613+01 , 19R
S71A	INLET, TYPE A, TYPE 8 GRATE	676.03 (W) 678.39 (S)	680.80	615+10 , 25L
S72	INLET, TYPE B, TYPE 24 F&G	678.31 (N) 678.31 (S)	681.31	615+10 , 13L
S72A	INLET, TYPE A, TYPE 24 F&G	678.31 (E) 678.34	681.30	615+15 , 13L
S73	INLET, TYPE B, TYPE 24 F&G	678.09 (N) 676.10 (SW) 677.09 (E)	681.31	615+10 , 13R
S73A	INLET, TYPE A, TYPE 24 F&G	677.12	681.30	615+15 , 13R
S74	STORM MH, TYPE A, 5-FT DIA., TYPE 1 F&G	676.07 (NE) 676.65 (E) 676.65 (W)	681.57	615+06 , 19R
S76A	INLET, TYPE A, TYPE 8 GRATE	678.18 (S)	682.00	616+58 , 26L
S77	INLET, TYPE B, TYPE 24 F&G	678.09 (N) 678.09 (S)	682.09	616+58 , 13L
S78	INLET, TYPE B, TYPE 24 F&G	677.87 (N) 676.38 (SW)	682.09	616+58 , 13R
S79	STORM MH, TYPE A, 5-FT DIA., TYPE 1 F&G	676.35 (NE) 677.00 (E) 677.00 (W)	681.85	616+54 , 19R
S80	INLET, TYPE A, TYPE 24 F&G	677.00 (E) 678.08 (W)	681.38	617+04 , 41R
S81	INLET, TYPE B, TYPE 24 F&G	677.47 (NE)	681.88	617+28 , 41R
S82	INLET, TYPE A, TYPE 8 GRATE	678.90 (S)	682.90	617+40 , 42L
S83	INLET, TYPE B, TYPE 8 GRATE	678.77 (NW) 678.77 (S)	682.90	617+50 , 27L
S84	INLET, TYPE B, TYPE 24 F&G	678.66 (N) 678.66 (S)	682.66	617+50 , 13L
S85	INLET, TYPE B, TYPE 24 F&G	678.44 (N) 677.26 (SW)	682.66	617+50 , 13R
S86	STORM MH, TYPE A, 5-FT DIA., TYPE 1 F&G	677.23 (NE) 677.23 (E) 677.23 (SW)	682.70	617+46 , 19R
S87	INLET, TYPE A, TYPE 24 F&G	677.23 (W) 679.47 (S)	683.47	618+80 , 13L
S88	INLET, TYPE B, TYPE 24 F&G	679.24 (N) 677.93 (SW)	683.47	618+80 , 13R
S89	STORM MH, TYPE A, 5-FT DIA., TYPE 1 F&G	677.90 (NE) 677.56 (E) 677.56 (W)	683.40	618+76 , 19R
S90	INLET, TYPE A, TYPE 24 F&G	680.18 (S)	684.18	622+20 , 13L
S91	INLET, TYPE B, TYPE 24 F&G	679.95 (N) 679.03 (SW)	684.18	622+20 , 13R
S92	STORM MH, TYPE A, 5-FT DIA., TYPE 1 F&G	679.00 (NE) 678.41 (E) 678.41 (W)	684.50	622+16 , 19R
S93	INLET, TYPE A, TYPE 8 GRATE	679.00 (SW) 679.94 (S)	683.00	623+30 , 31L
S94	INLET, TYPE B, TYPE 24 F&G	679.72 (N) 679.72 (S)	683.72	623+30 , 13L
S95	INLET, TYPE B, TYPE 24 F&G	679.49 (N) 679.49 (SW)	683.72	623+30 , 13R
S96	STORM MH, TYPE A, 4-FT DIA., TYPE 1 F&G	679.46 (NE) 678.96 (W) 678.97 (SW)	684.00	623+26 , 19R
S97	INLET, TYPE A, TYPE 8 GRATE	679.03 (NE)	684.00	622+12 , 25R
S98	INLET, TYPE A, TYPE 8 GRATE	679.00 (NE)	683.00	623+22 , 25R

INLET, TYPE A, TYPE 8 GRATE	EACH	21
INLET, TYPE A, TYPE 24 F&G	EACH	22
INLET, TYPE B, TYPE 8 GRATE	EACH	2
INLET, TYPE B, TYPE 24 F&G	EACH	41
STORM MH, TYPE A, 4-FT DIA., TYPE 1 F&G	EACH	1
STORM MH, TYPE A, 5-FT DIA., TYPE 1 F&G	EACH	11
STORM MH, TYPE A, 6-FT DIA., TYPE 1 F&G	EACH	13
STORM MH, TYPE A, 7-FT DIA., TYPE 1 F&G	EACH	2

SCHEDULE OF QUANTITIES

20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)

UNIT	LOCATION	
6"	610+31	46' LT
6	TOTAL	

20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)

UNIT	LOCATION	
20"	610+42	28 LT
22"	617+60	22 RT
42	TOTAL	

20200100 EARTH EXCAVATION

STA. 585+90 TO STA. 623+50

EARTH EX. CUT (CY)	EARTH EX. ADJ. SHRINK 25%	FILL (CY)	EARTH WORK BALANCE SHORTAGE (CY)	FURNISHED EXCAVATION
854	641	2610	1969	

25200110 SODDING, SALT TOLERANT

SQ YD	LOCATION
647	STA. 585+50 TO STA. 587+00
5368	STA. 587+00 TO STA. 592+26
4735	STA. 592+26 TO STA. 606+24
1657	STA. 606+24 TO STA. 610+02
1420	STA. 610+02 TO STA. 612+89
1477	STA. 612+89 TO STA. 617+15
1409	STA. 617+15 TO STA. 620+94
1262	STA. 620+94 TO STA. 623+50
17975	TOTAL

28100109 STONE RIPRAP, CLASS A5

SQ YD	LOCATION	
56	STA. 585+50	45 RT
56	TOTAL	

28200200 FILTER FABRIC

SQ YD	LOCATION	
56	STA. 585+50	45 RT
56	TOTAL	

42300200 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH

SQ YD	LOCATION	WIDTH
34	593+86 RT	12
34	595+07 RT	12
61	595+61 LT	13
34	596+26 RT	12
51	597+70 RT	21
46	600+30 RT	30
36	601+96 LT	21
37	602+87 LT	25
28	602+87 RT	13
22	603+18 LT	12
28	603+73 LT	12
30	604+44 RT	15
29	604+86 RT	13
27	608+53 RT	15
23	608+71 RT	12
42	608+87 LT	15
42	610+25 RT	16
34	610+75 RT	12
37	611+04 LT	13
37	614+00 LT	12
41	614+00 RT	16
38	614+85 RT	14
57	615+38 RT	24
36	615+78 LT	12
57	615+95 RT	24
34	616+38 RT	12
27	618+31 RT	12
35	618+37 LT	12
27	619+04 RT	12
26	620+55 RT	12
48	620+96 RT	20
44	621+78 RT	18
66	622+56 RT	21
1250	TOTAL	

42300400 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH

SQ YD	LOCATION
315	589+78 RT
315	TOTAL

44000158 HOT-MIX ASPHALT SURFACE REMOVAL 2-1/4"

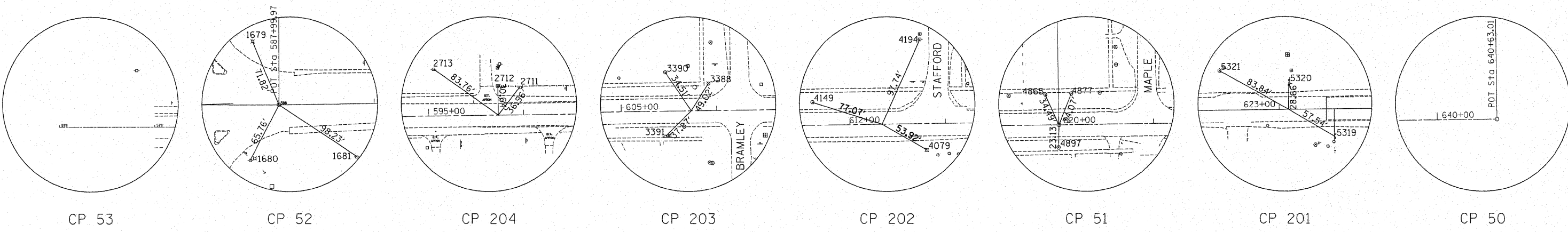
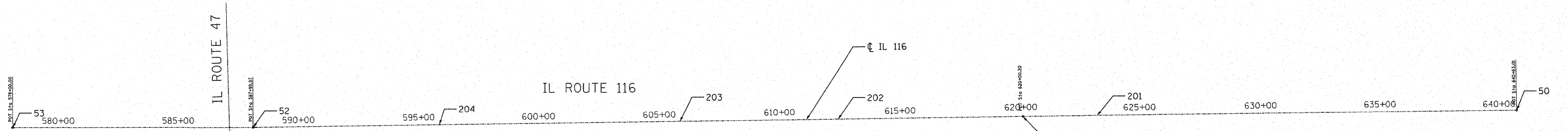
SQ YD	LOCATION
3693	STA. 585+90 TO STA. 589+00
3693	TOTAL

44003100 MEDIAN REMOVAL

SQ FT	LOCATION
187	NW CORNER IL 47/IL 116 INT.
147	NE CORNER IL 47/IL 116 INT.
143	SW CORNER IL 47/IL 116 INT.
144	SE CORNER IL 47/IL 116 INT.
621	TOTAL

44201785 CLASS D PATCHES, TYPE I, 12 INCH

SQ YD	LOCATION	SIZE
4.8	592+67	(15.5 x 2.8)
4.8		(15.5 x 2.8)
4.4	593+70	(14x2.8)
4.4		(14x2.8)
4	594+70	(13x2.8)
4		(13x2.8)
3.7	595+85	(12x2.8)
3.7		(12x2.8)
3.7	597+05	(12x2.8)
3.7		(12x2.8)
3.7	598+40	(12x2.8)
3.7		(12x2.8)
3.7	599+75	(12x2.8)
3.7		(12x2.8)
3.7	601+20	(12x2.8)
3.7		(12x2.8)
3.7	602+60	(12x2.8)
3.7		(12x2.8)
3.7	604+05	(12x2.8)
3.7		(12x2.8)
3.7	605+45	(12x2.8)
3.7		(12x2.8)
3.3	606+20, 40' LT	(10.5x2.8)
3.3		(10.5x2.8)
3.7	606+62	(12x2.8)
3.7		(12x2.8)
3.7	607+45	(12x2.8)
3.7		(12x2.8)
3.7	608+30	(12x2.8)
3.7		(12x2.8)
3.7	609+62	(12x2.8)
3.7		(12x2.8)
3.7	612+91, 41' LT	(12x2.8)
3.7		(12x2.8)
3.7	615+10	(12x2.8)
3.7		(12x2.8)
3.7	616+58	(12x2.8)
3.7		(12x2.8)
3.7	617+38	(12x2.8)
3.7		(12x2.8)
3.7	617+50	(12x2.8)
3.7		(12x2.8)
5.3		(17x2.8)
3.7	618+80	(12x2.8)
3.7		(12x2.8)
3.7	622+20	(12x2.8)
3.7		(12x2.8)
3.7	623+30	(12x2.8)
3.7		(12x2.8)
183	TOTAL	



REFERENCE TIES

Point#	North(Y)	East(X)	Elev(Z)	Station	Offset	Description
1670	1538456.95	961026.34	683.11	578+09.36	59.3209	REBAR 10' +/- EAST OF R.O.W.
1671	1538577.12	961098.1	682.91	578+81.00	-59.9194	POWER POLE
1672	1538577.54	961047.94	683.7	578+30.84	-60.2903	REBAR 50' +/- WEST OF POLE
1679	1538582.67	961989.55	676.95	587+72.45	-66.3431	"+" IN LIGHT POLE BASE
1680	1538457.96	961986.66	674.86	587+69.68	58.3697	NAIL IN POLE
1681	1538461.77	962098.7	674	588+80.90	55.6558	NAIL IN POLE
2711	1538556.43	962812.84	672.63	595+96.28	-29.1072	NAIL IN POLE
2712	1538557.71	962789.73	673.2	595+73.19	-30.707	R.O.W. MARKER
2713	1538575.49	962722.04	673.86	595+05.75	-49.4226	NAIL IN POLE
3388	1538570.23	963808.37	680.05	605+91.90	-29.1219	"+" BOLT ON FIRE HYDRANT
3390	1538581.55	963762.76	679.85	605+46.46	-41.0723	NAIL IN TREE
3391	1538514	963763.52	679.12	605+46.28	26.4818	NAIL IN POWER POLE
4079	1538522.95	964497.24	681.17	612+80.05	27.6916	NAIL IN POLE
4149	1538573.5	964377.05	682.3	611+60.58	-24.5177	NAIL IN TREE
4194	1538639.69	964490.04	680.82	612+74.47	-89.1369	NAIL IN POLE
4865	1538592.47	965202.63	685.23	619+86.34	-32.0549	NAIL IN TREE
4877	1538593.62	965229.82	685.73	620+13.50	-32.8476	NAIL IN TREE
4897	1538536.75	965216.62	684.51	619+99.56	23.8534	NAIL IN TREE
5319	1538535.6	965576.19	683.47	623+59.12	29.4631	NAIL IN SIGN
5320	1538593.35	965526.79	684.85	623+10.44	-28.895	NAIL IN SIGN
5321	1538605.48	965453.3	686.01	622+37.11	-41.9354	NAIL IN TREE
5506	1538547.45	967254.84	682.55	640+37.79	38.4302	R.O.W. MARKER
5507	1538548.21	967306.16	681.78	N/A	N/A	R.O.W. MARKER
5508	1538627.58	967304.79	681.84	N/A	N/A	R.O.W. MARKER
5509	1538626.92	967244.16	682.26	640+28.09	-41.1661	R.O.W. MARKER

Chain IL116 contains:
53 52 51 50

Beginning chain IL116 description

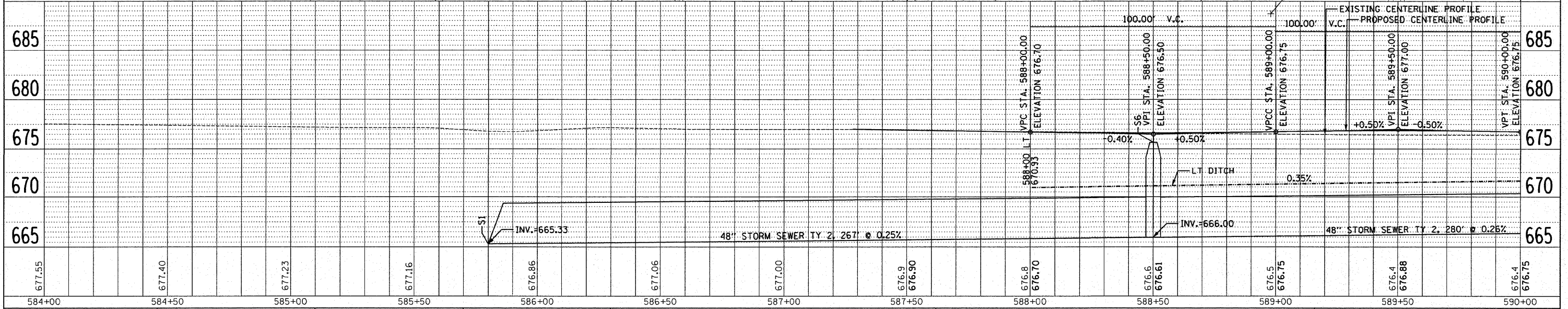
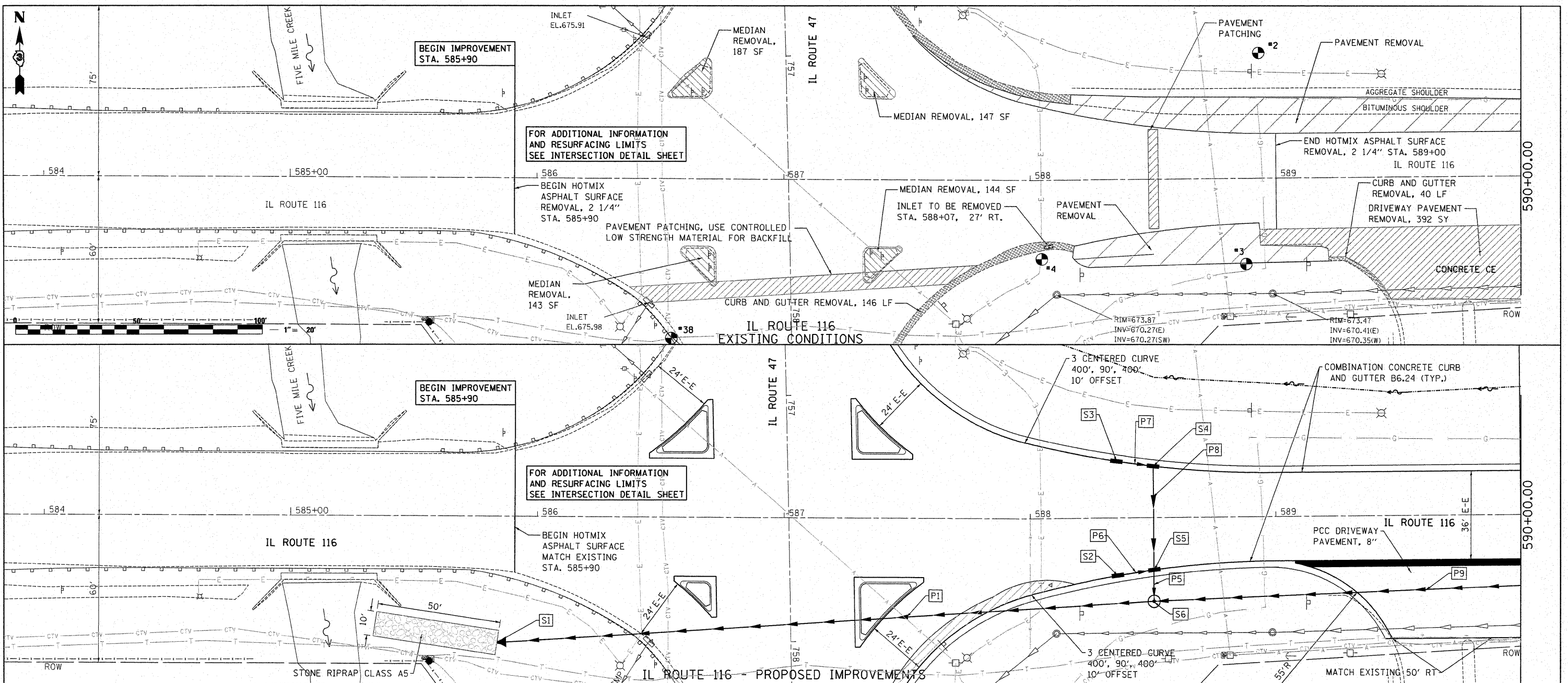
Point 53 N 1,538,517.2800 E 961,017.0400 Sta 578+00.00
 Course from 100 to 52 S 89° 56' 37.85" E Dist 999.9705
 Point 52 N 1,538,516.3000 E 962,017.0100 Sta 587+99.97
 Course from 52 to 4876 N 89° 12' 23.99" E Dist 3,200.2268
 Point 51 N 1,538,560.6100 E 965,216.9300 Sta 620+00.20
 Course from 4876 to 5510 N 89° 17' 22.13" E Dist 2,062.8086
 Point 50 N 1,538,586.1900 E 967,279.5800 Sta 640+63.01

Ending chain IL116 description

HORIZONTAL CONTROL POINTS						
Point#	North(Y)	East(X)	Elev(Z)	Station	Offset	Description
53	1538517.28	961017.04	679.09	578+00.00	0	PI
52	1538516.3	962017.01	676.75	587+99.97	0	PI
204	1538527.01	962790.42	673.86	595+73.45	0	POT
203	1538540.85	963790.15	679.74	605+73.28	0	POT
202	1538549.99	964450.22	683.4	612+33.41	0	POT
51	1538560.61	965216.93	684.07	620+00.20	0	PI
201	1538564.45	965526.53	683.93	623+09.82	0	POT
50	1538586.19	967279.58	681.11	640+63.01	0	POT
BM 93	1538574.67	962617.56	675.67	594+01.27	50.05 LT	TOP OF R.O.W. MARKER
BM 94	1538506.54	963063.33	676.15	598+47.24	24.06 RT	60d NAIL IN POWER POLE
BM 95	1538511.39	963407.84	677.59	601+91.82	23.99 RT	60d NAIL IN POWER POLE

DATE: _____
 BY: _____
 SURVEYED _____
 PLOTTED _____
 CHECKED _____
 CAD FILE NAME _____

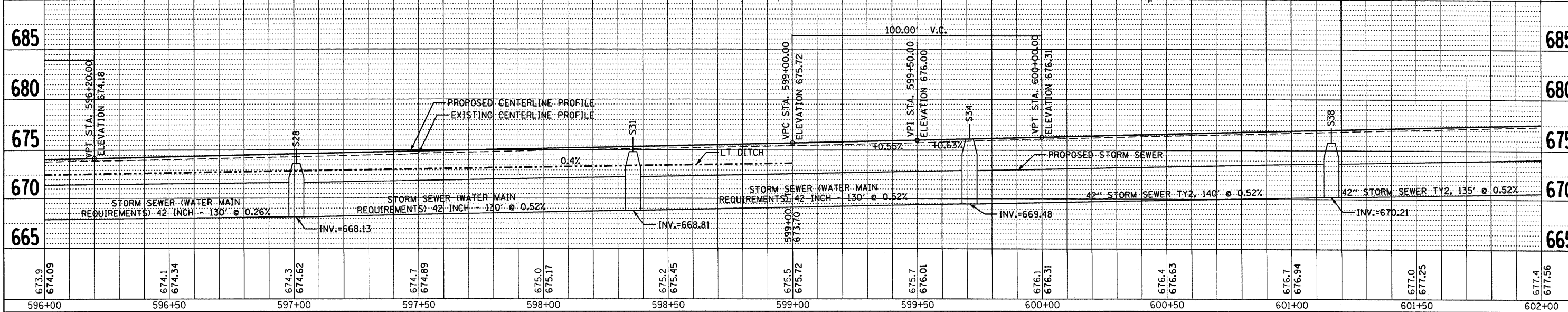
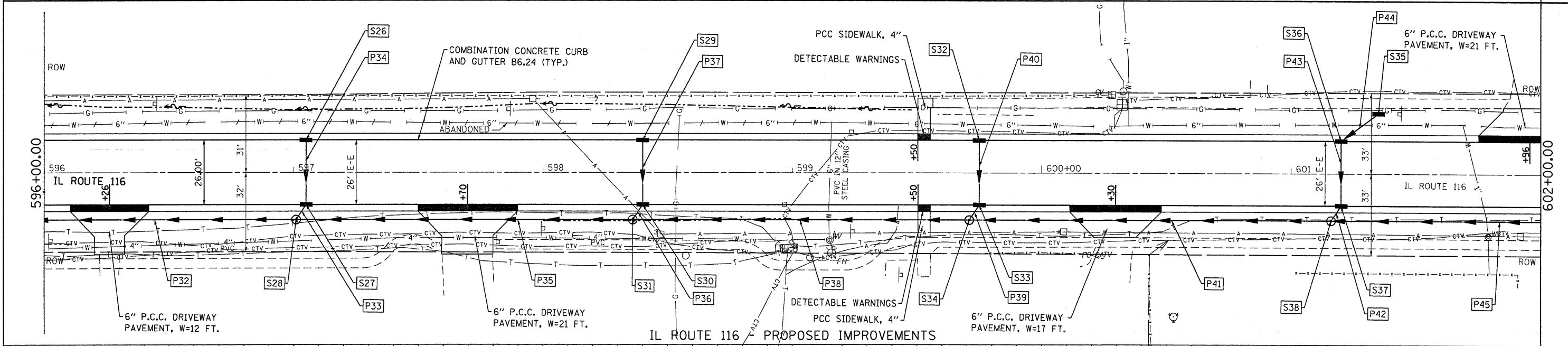
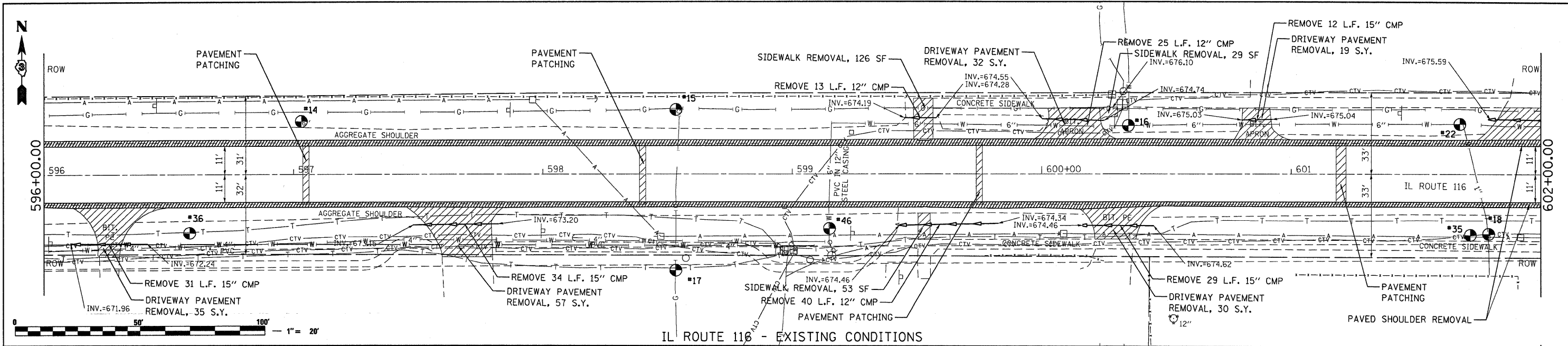
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 BY: _____
 SURVEYED _____
 PLOTTED _____
 CHECKED _____
 CAD FILE NAME _____



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W:\2183.03-IDOT IL 116 Plans\09\Sheet Files\202309\p1.dgn	CHECKED - AJP	REVISED -	681			114 RS-2	LIVINGSTON	63	11	
PLOT SCALE = 20.0000' / IN.	DRAWN - JMS	REVISED -	CONTRACT NO. 66532							
PLOT DATE = 9/18/2009	CHECKED - 09/25/09	REVISED -	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT							

BY: _____ DATE: _____
 SURVEYED _____
 ALIGNED CHECKED _____
 PLAN NOTE BOOK NO. _____
 GRADES CHECKED _____
 STRUCTURE NOTATION CHECKED _____

BY: _____ DATE: _____
 SURVEYED _____
 GRADES CHECKED _____
 PROFILE NOTE BOOK NO. _____
 STRUCTURE NOTATION CHECKED _____



673.9 674.09	674.1 674.34	674.3 674.62	674.7 674.89	675.0 675.17	675.2 675.45	675.5 675.72	675.7 676.01	676.1 676.31	676.4 676.63	676.7 676.94	677.0 677.25	677.4 677.56
596+00	596+50	597+00	597+50	598+00	598+50	599+00	599+50	600+00	600+50	601+00	601+50	602+00

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 CHECKED - JMS
 DRAWN - AJP
 PLOT SCALE = 20.0000' / IN.
 PLOT DATE = Dec 04, 2009 - 10:45:20 AM

DESIGNED - SPF
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 PLOT DATE = Dec 04, 2009 - 10:45:20 AM

REVISED -
 REVISED -
 REVISED -
 REVISED -

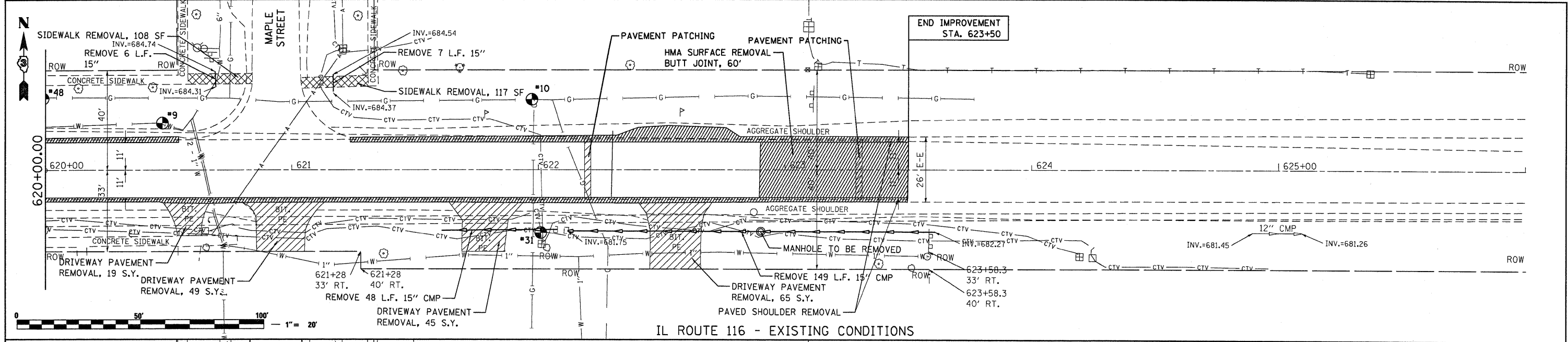
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
 SCALE: 1"=20'
 SHEET NO. 3 OF 7 SHEETS
 STA. 596+00.00 TO STA. 602+00.00

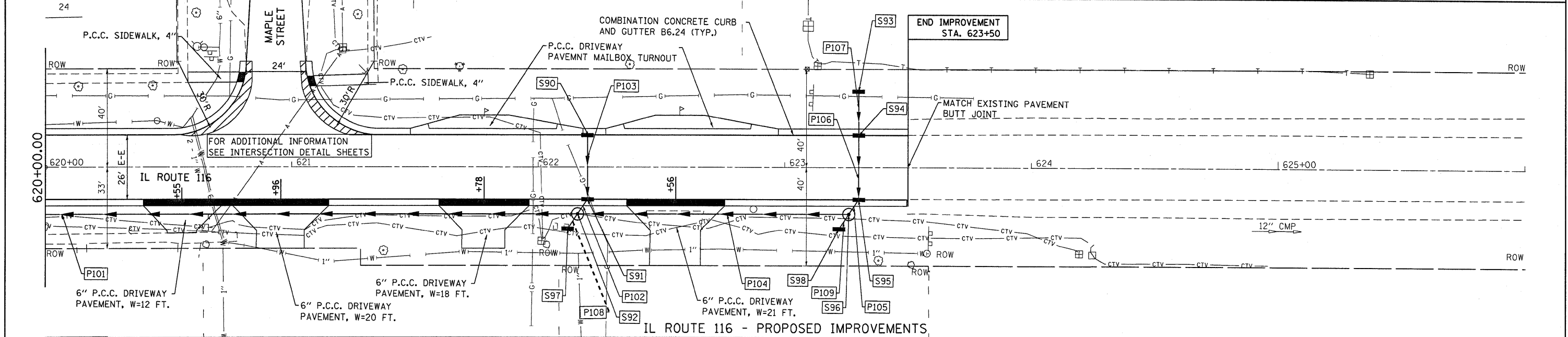
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681	114 RS-2	LIVINGSTON	63	13
CONTRACT NO. 66532				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLANNED	
DESIGNED	
CHECKED	
DRAWN	
NOTED	
STRUCTURE	
NOTATIONS	
CHRD	

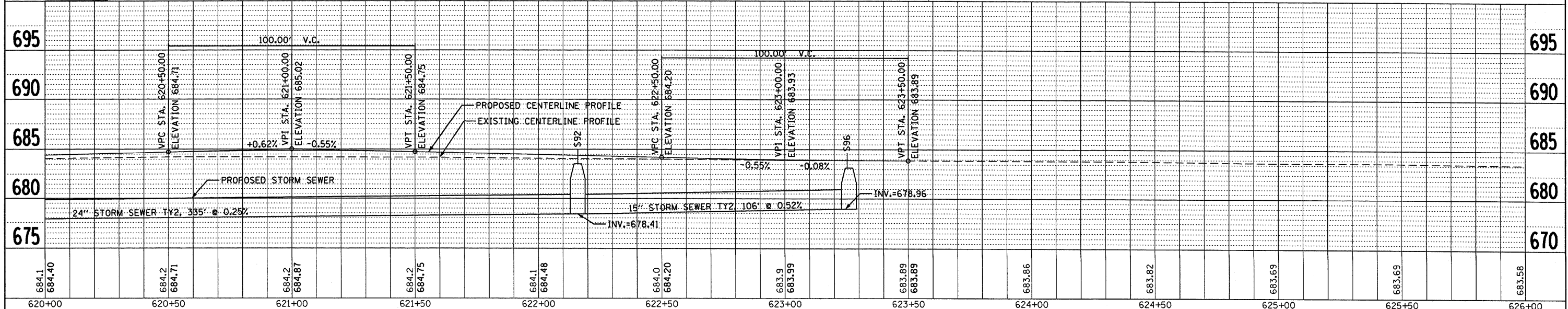
DATE	
BY	
PLANNED	
DESIGNED	
CHECKED	
DRAWN	
NOTED	
STRUCTURE	
NOTATIONS	
CHRD	



IL ROUTE 116 - EXISTING CONDITIONS



IL ROUTE 116 - PROPOSED IMPROVEMENTS



620+00	620+50	621+00	621+50	622+00	622+50	623+00	623+50	624+00	624+50	625+00	625+50	626+00
695	690	685	680	675								

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		DRAWN - AJP	REVISED -
		CHECKED - 09/25/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

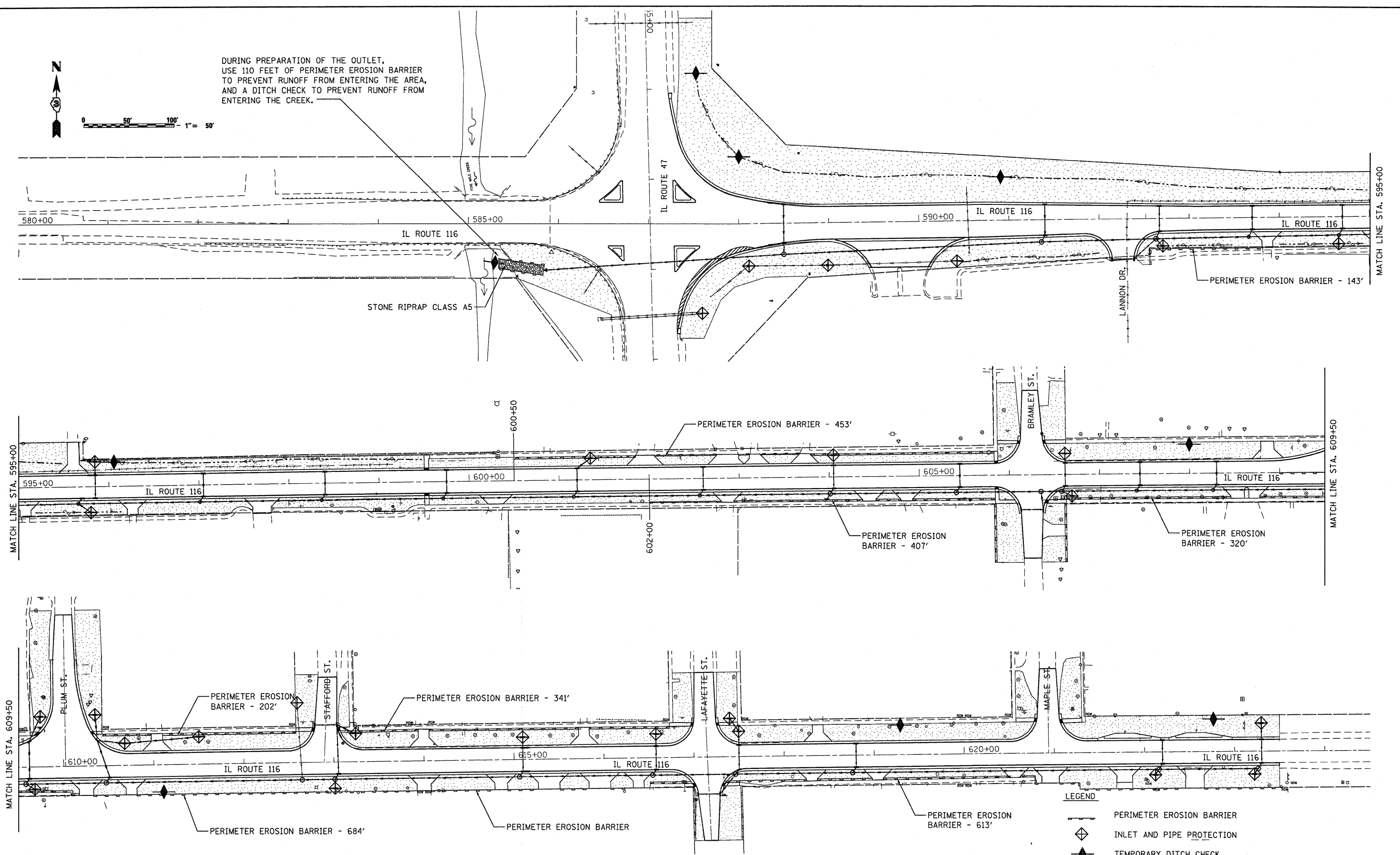
PLAN AND PROFILE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	114 RS-2	LIVINGSTON	63	17
CONTRACT NO. 66532				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCALE: 1"=20' SHEET NO. 7 OF 7 SHEETS STA. 620+00.00 TO STA. 626+00.00



DURING PREPARATION OF THE OUTLET,
 USE 110 FEET OF PERIMETER EROSION BARRIER
 TO PREVENT RUNOFF FROM ENTERING THE AREA,
 AND A DITCH CHECK TO PREVENT RUNOFF FROM
 ENTERING THE CREEK.



TEMPORARY EROSION CONTROL SEEDING
 SHALL BE APPLIED TO ALL BARE AREAS
 EVERY 7 DAYS.

LEGEND				
	PERIMETER EROSION BARRIER			
	INLET AND PIPE PROTECTION			
	TEMPORARY DITCH CHECK			
	RIPRAP			
	TEMPORARY EROSION CONTROL SEEDING AND MULCH (TEMPORARY)			
	SODDING, SALT TOLERANT (PERMANENT)			

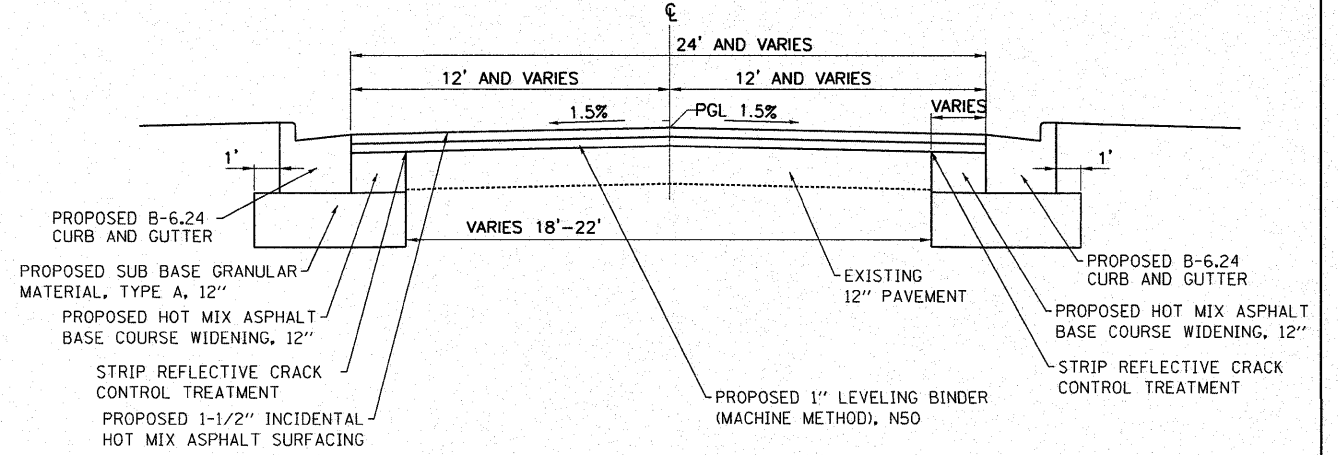
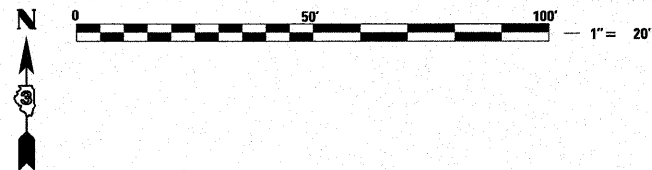
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		CHECKED - JMS	REVISED -
		DATE - 09/25/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

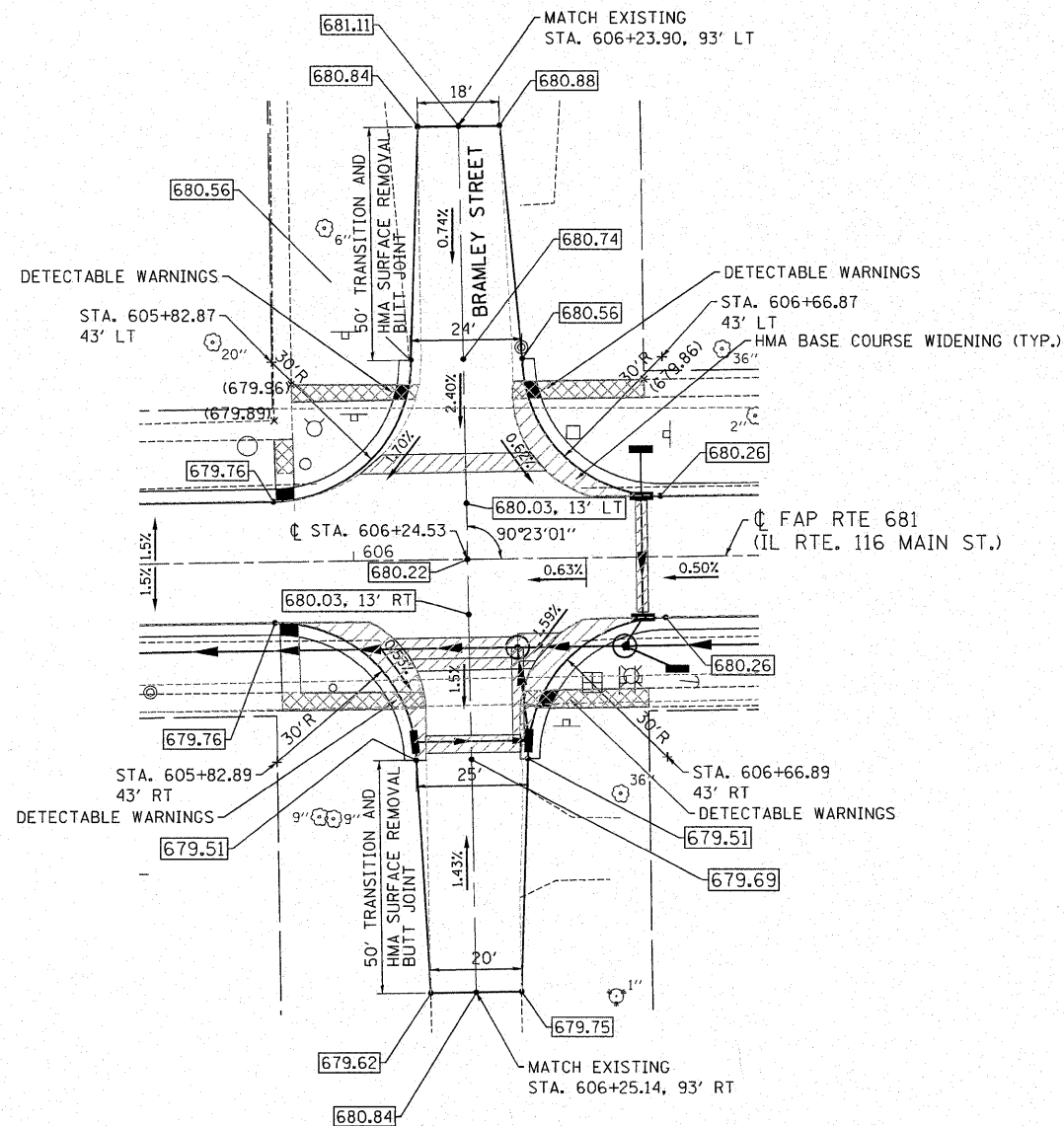
EROSION CONTROL PLAN

SCALE: 1"=50' SHEET NO. 1 OF 1 SHEETS STA. 580+00 TO STA. 623+50

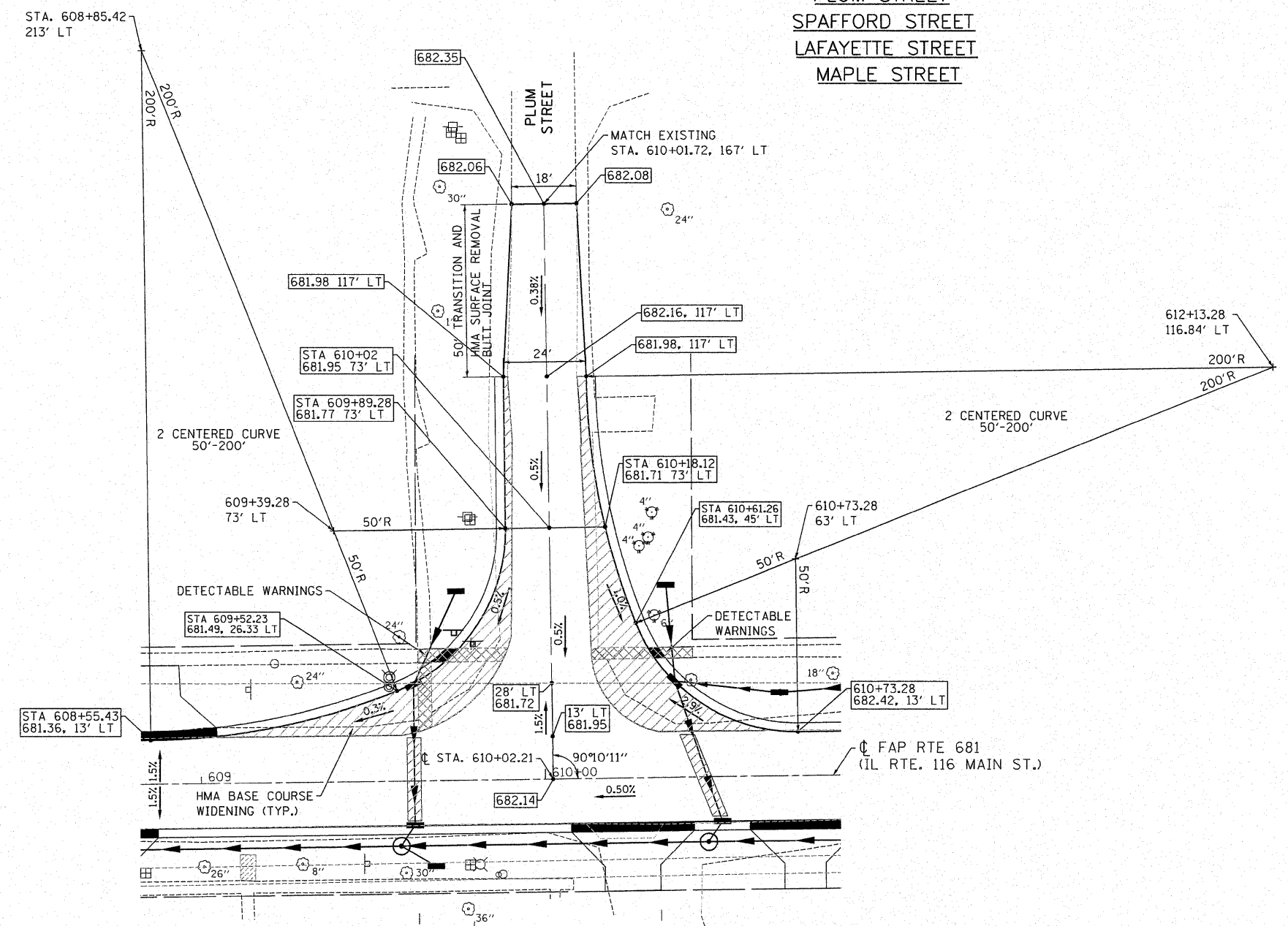
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681	114 RS-2	LIVINGSTON	63	18
				CONTRACT NO. 66532
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION
 BRAMLEY STREET
 PLUM STREET
 SPAFFORD STREET
 LAFAYETTE STREET
 MAPLE STREET

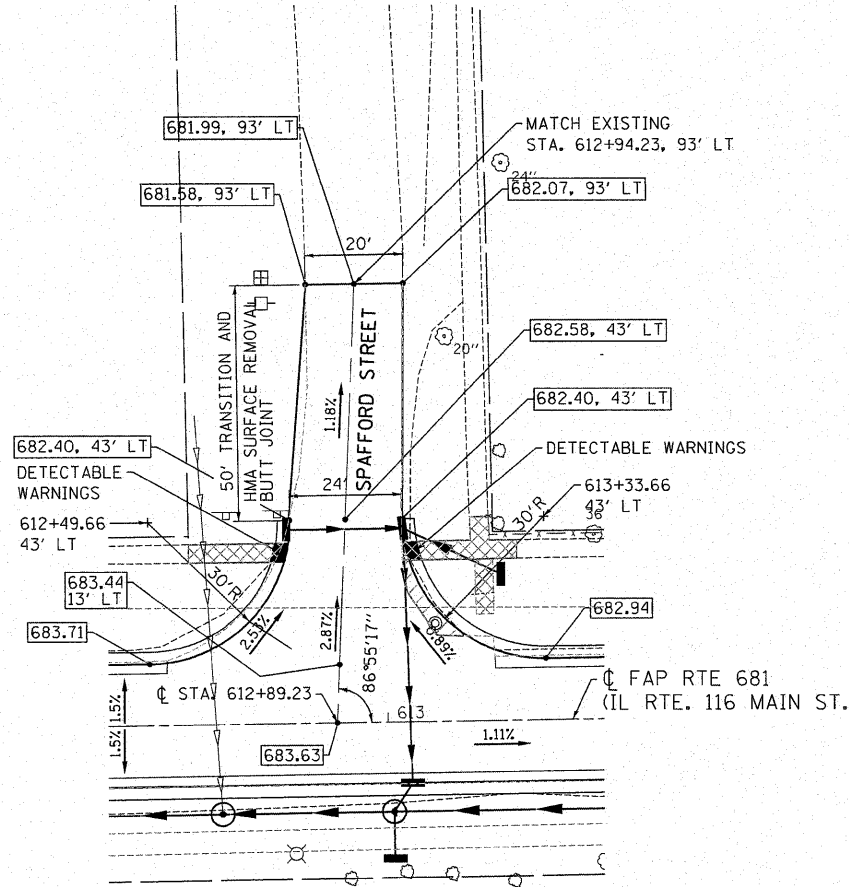
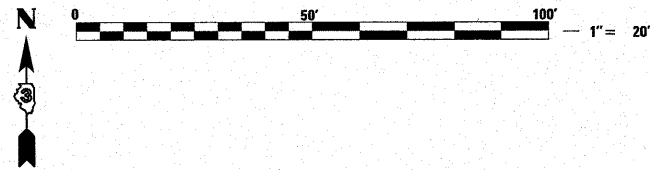


BRAMLEY STREET INTERSECTION

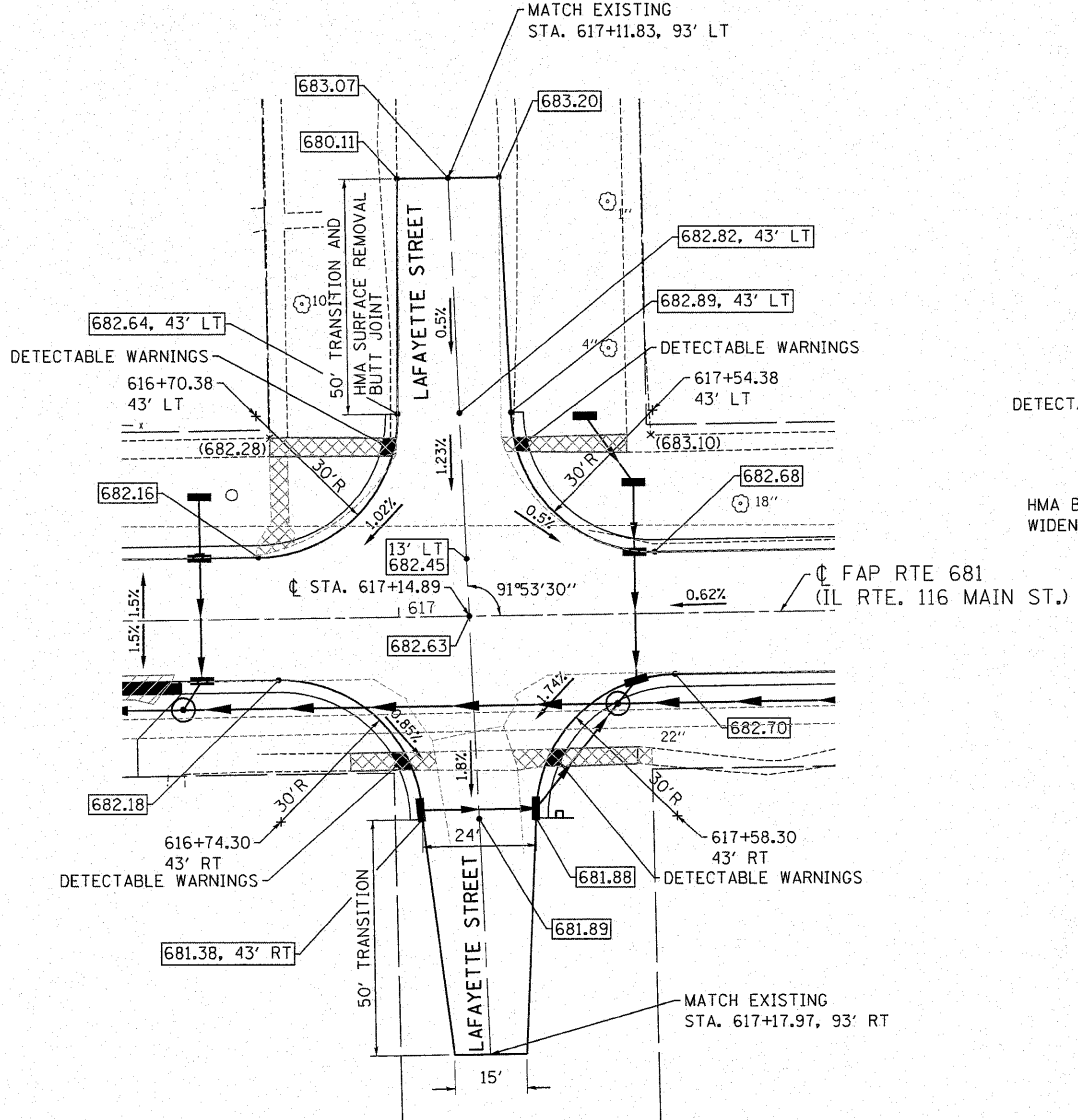


PLUM STREET INTERSECTION

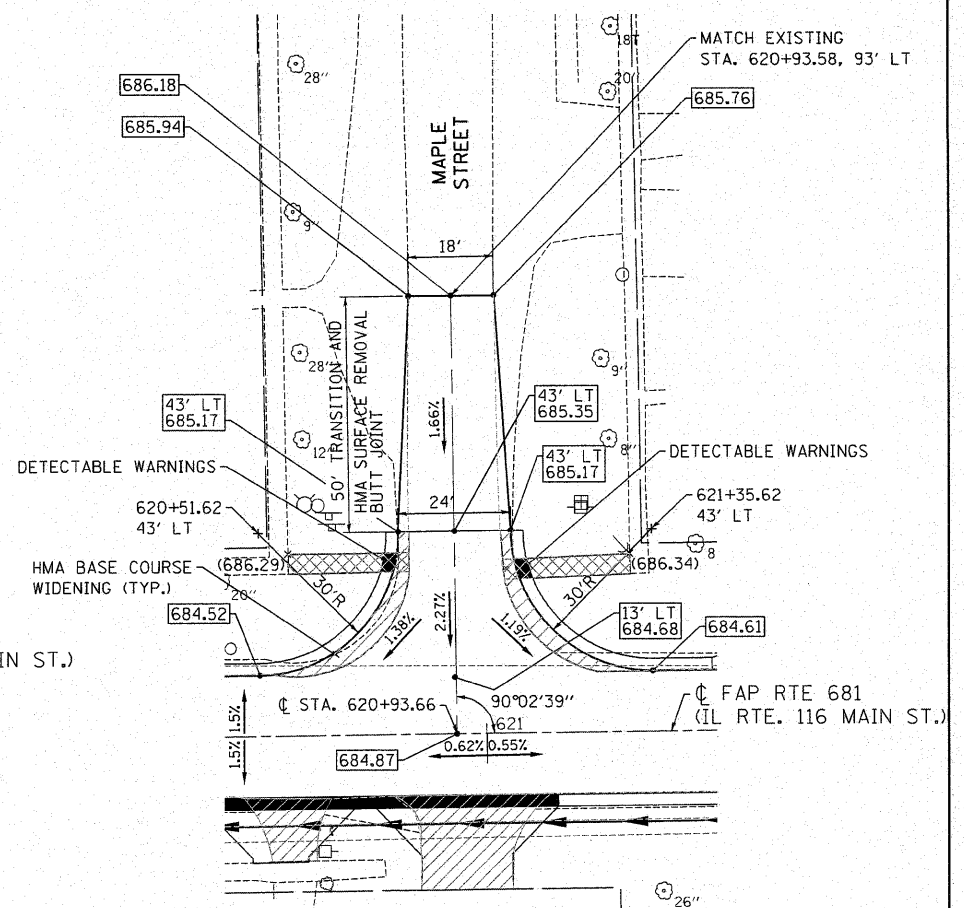
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PLOT DATE = 9/18/2009	DATE - 09/25/09	CHECKED - JMS	REVISED -			CONTRACT NO. 66532					
						FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				



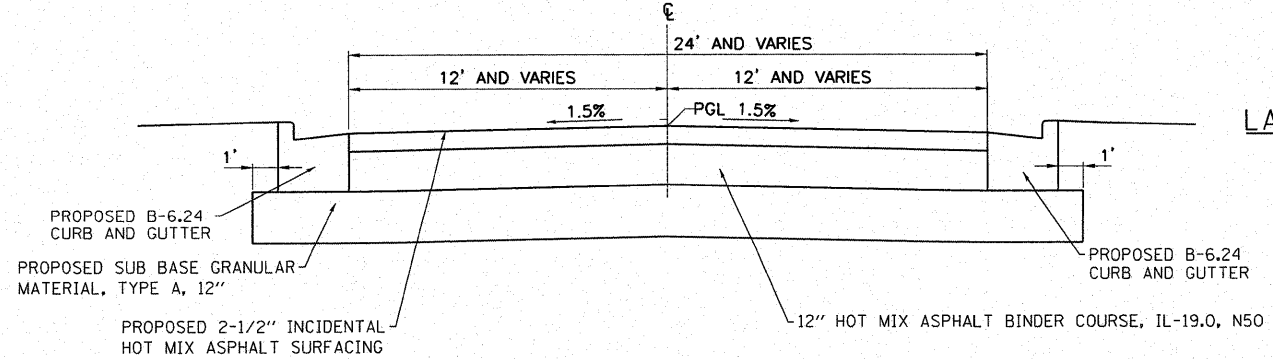
SPAFFORD STREET INTERSECTION



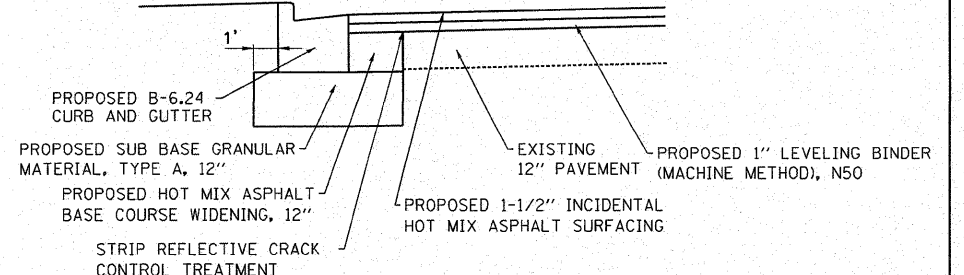
LAFAYETTE STREET INTERSECTION



MAPLE STREET INTERSECTION



PROPOSED TYPICAL SECTION
LAFAYETTE STREET RIGHT SIDE

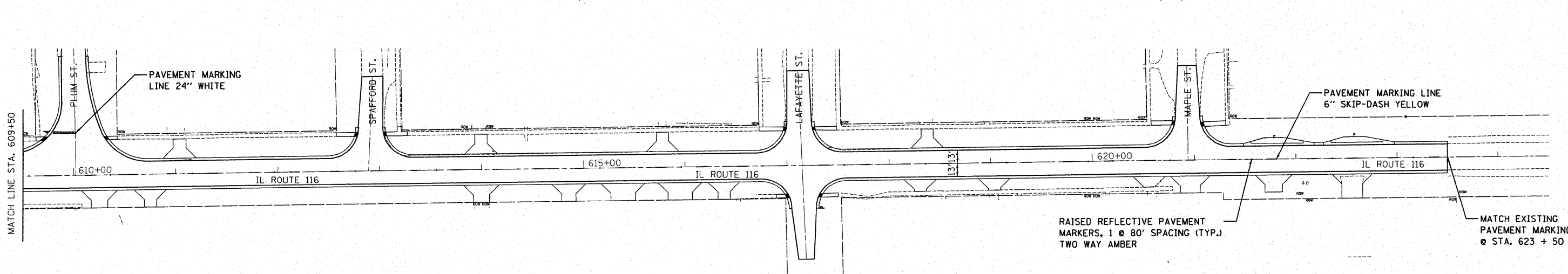
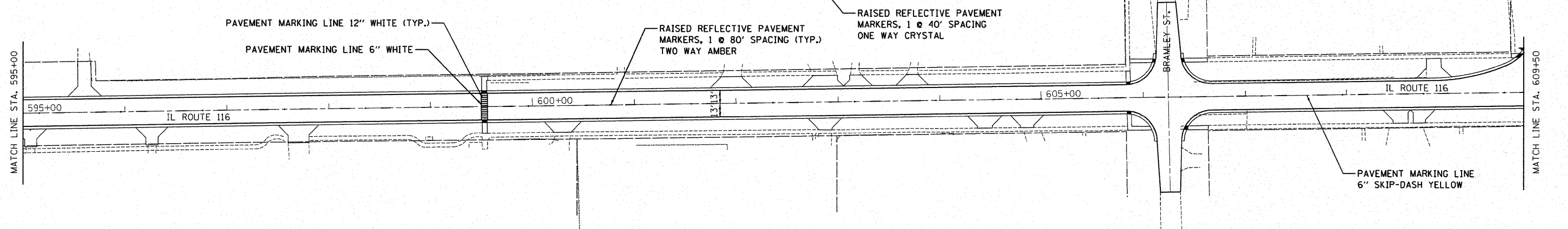
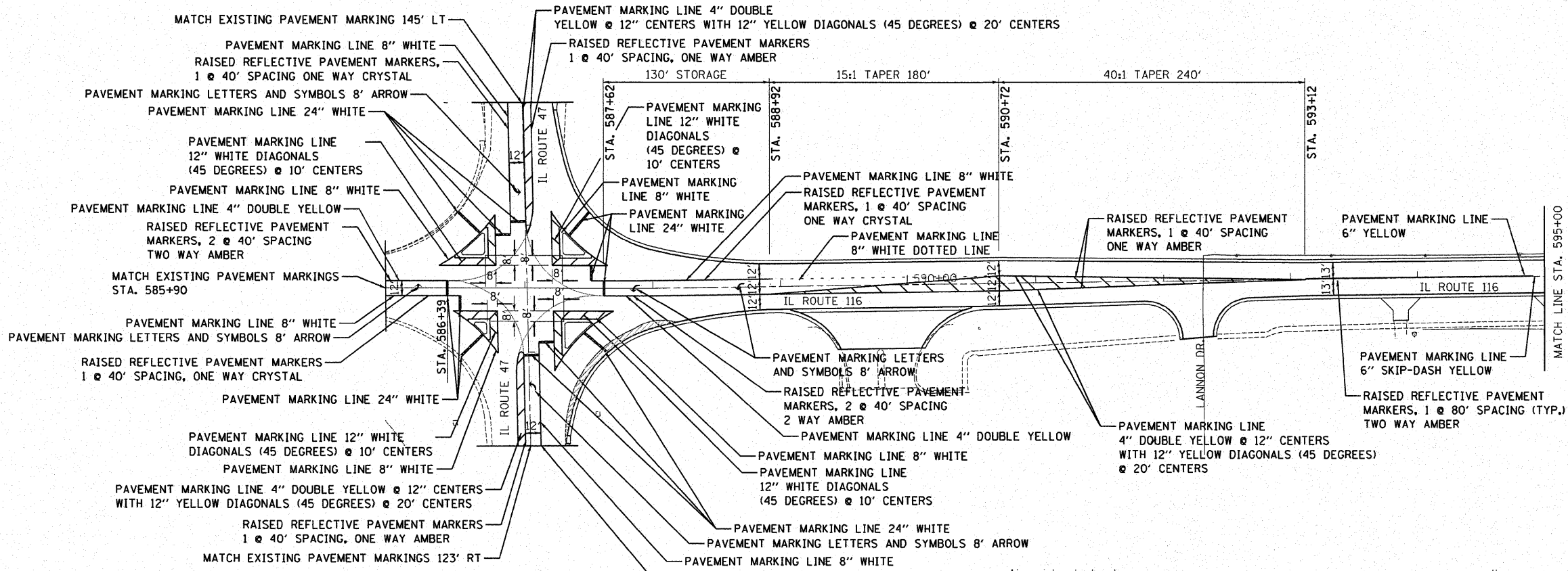


TYPICAL SECTION FOR WIDENING ON SIDE ROADS

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PLOT DATE = 9/18/2009	DATE - 09/25/09	REVISED -	ILLINOIS FED. AID PROJECT									

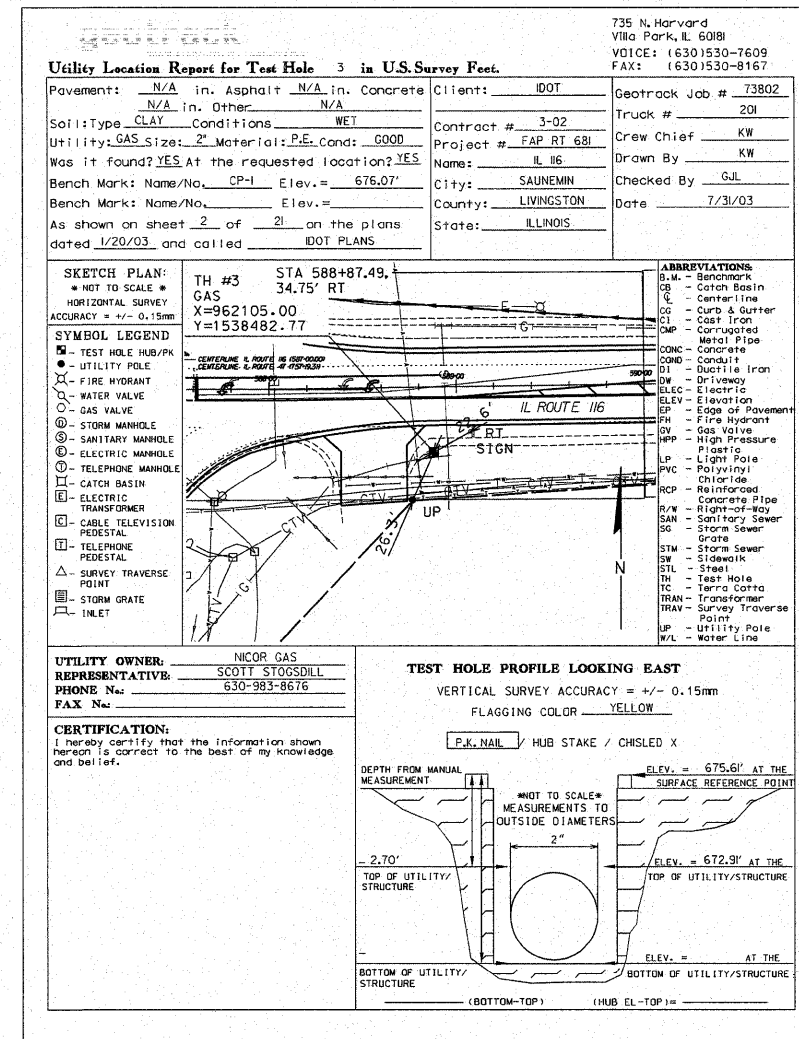
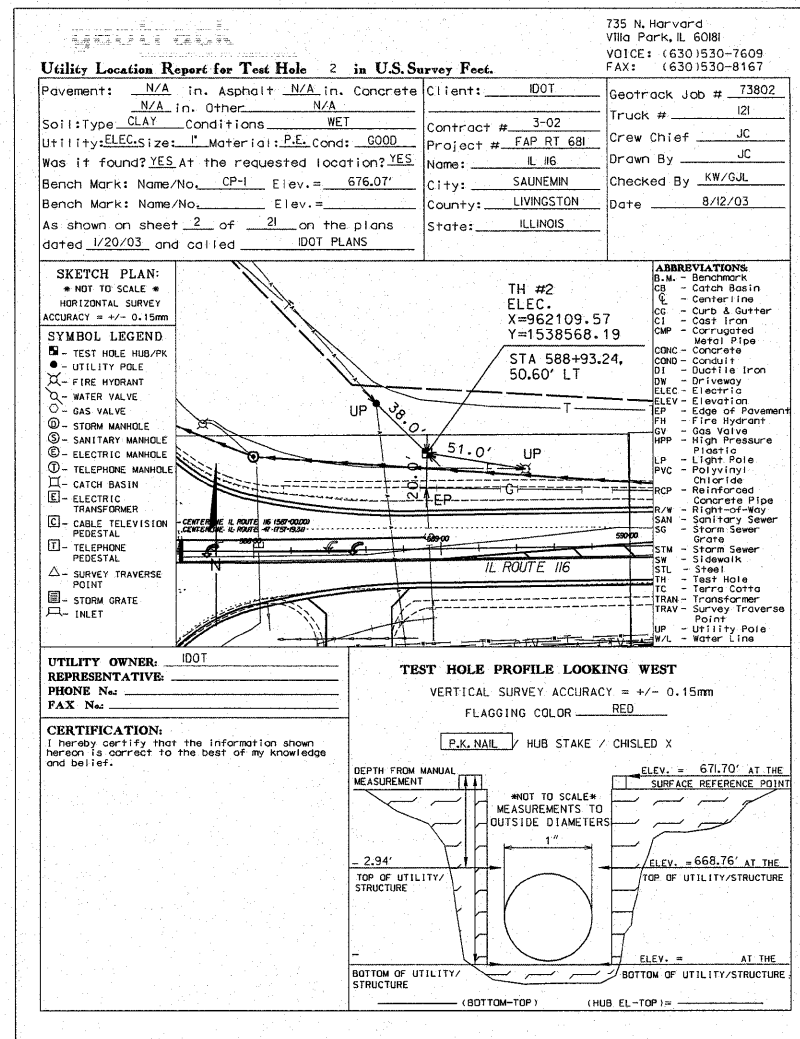
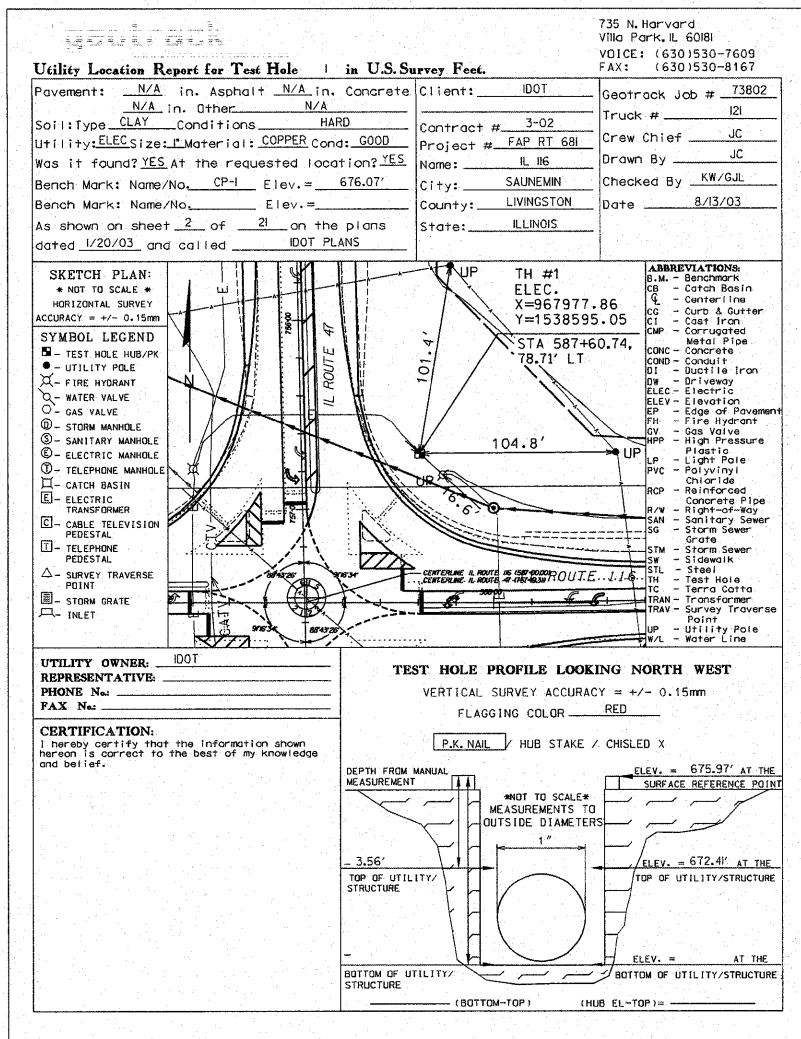


NOTE: USE 8' LARGE ARROW SIZE

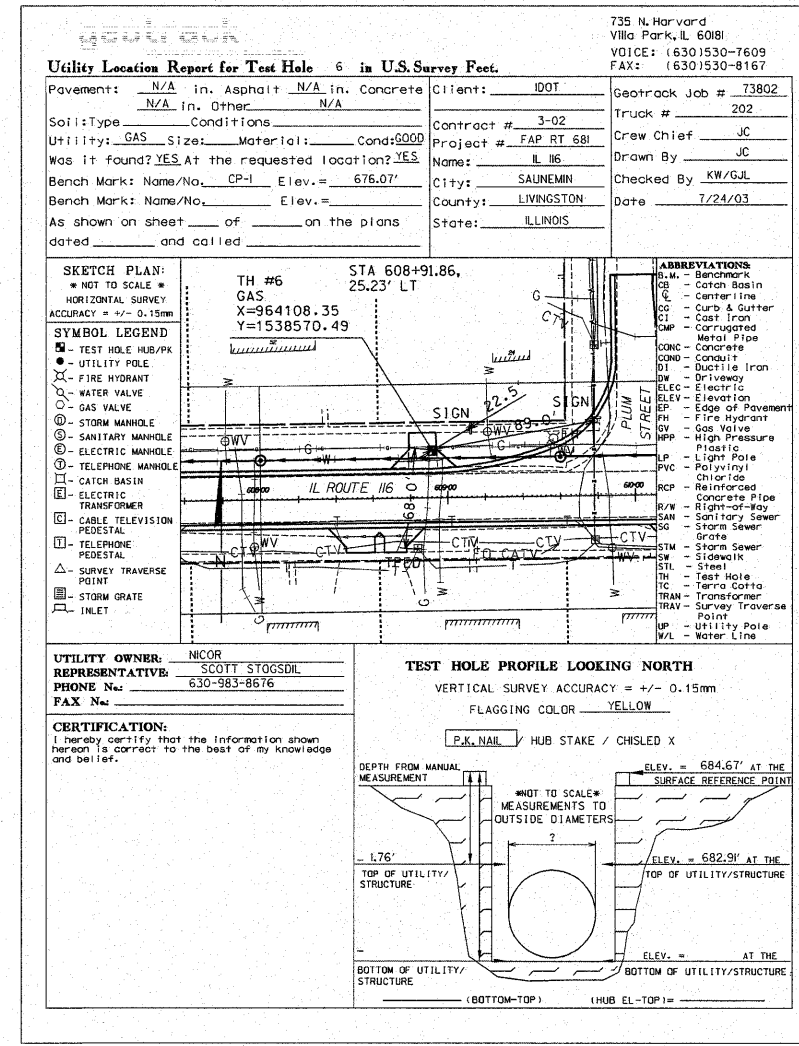
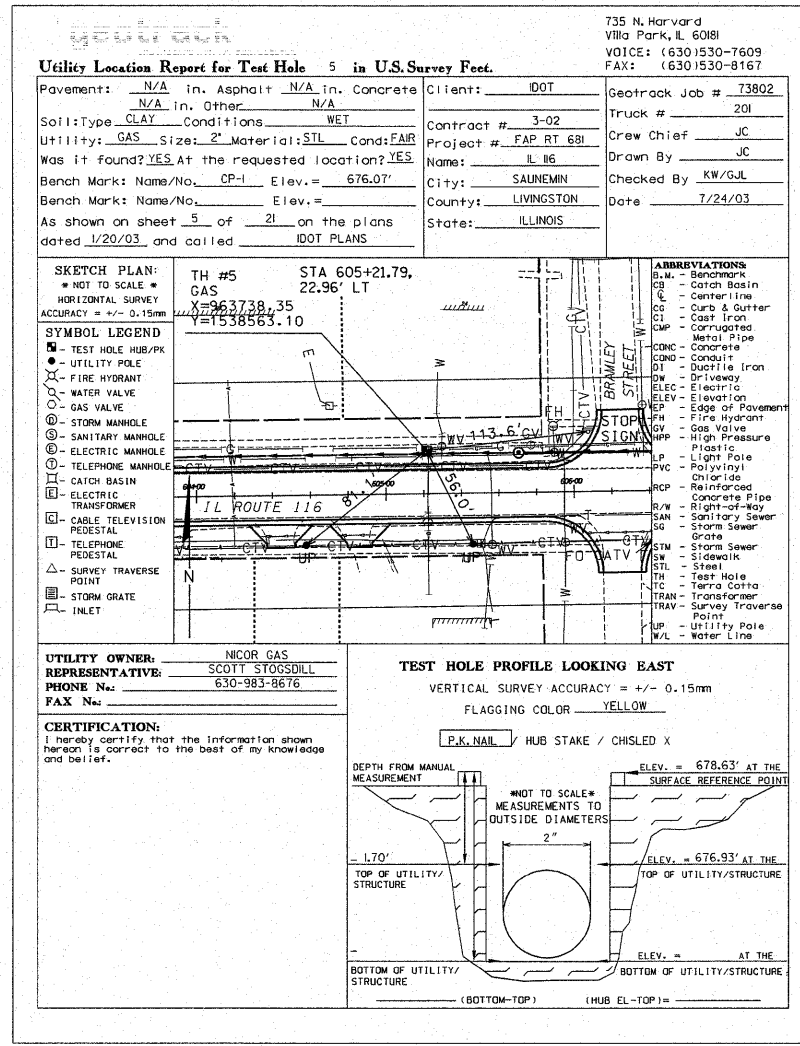
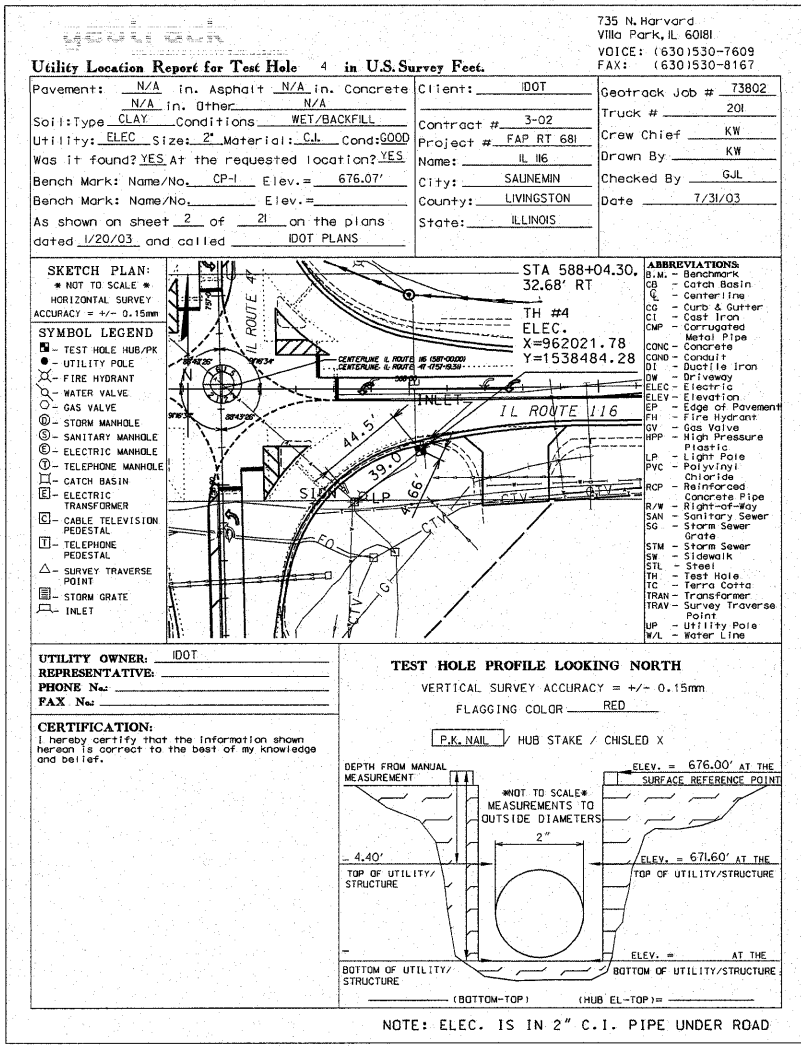


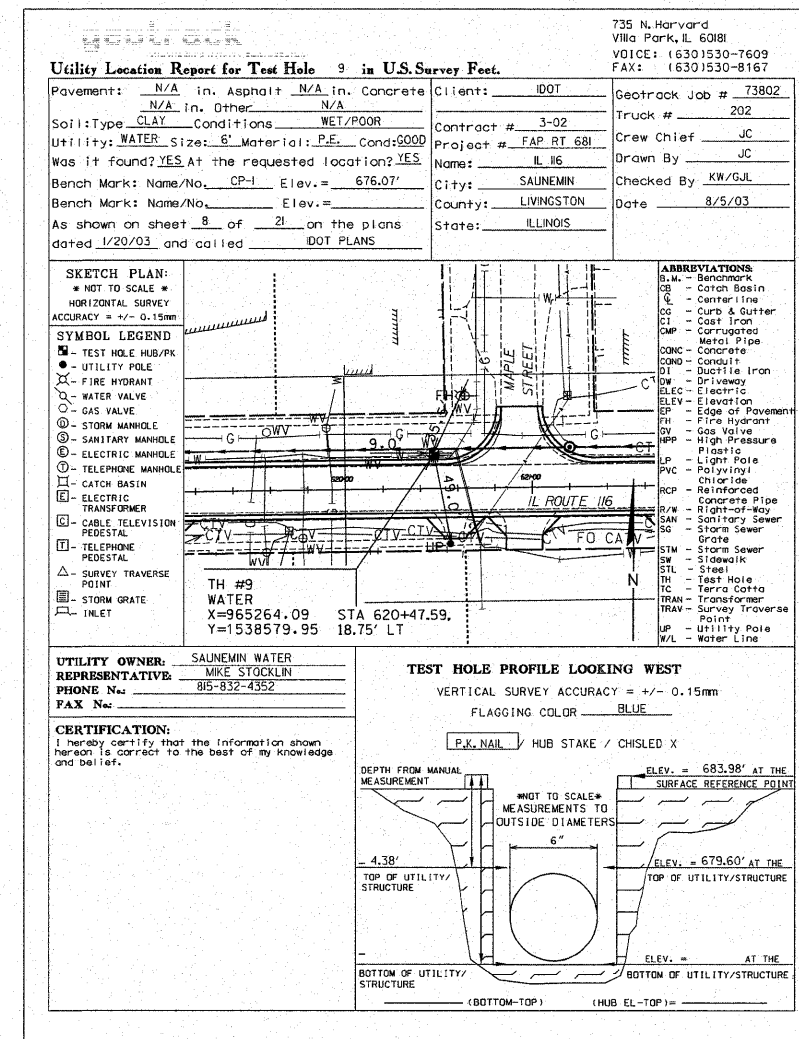
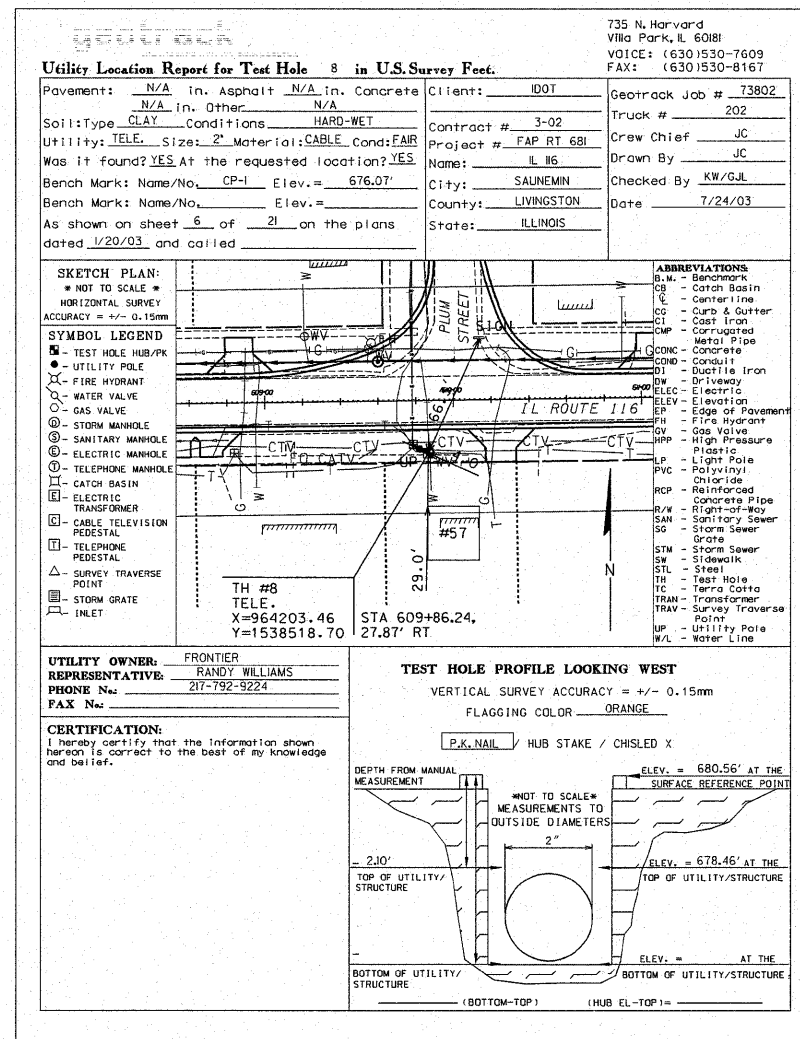
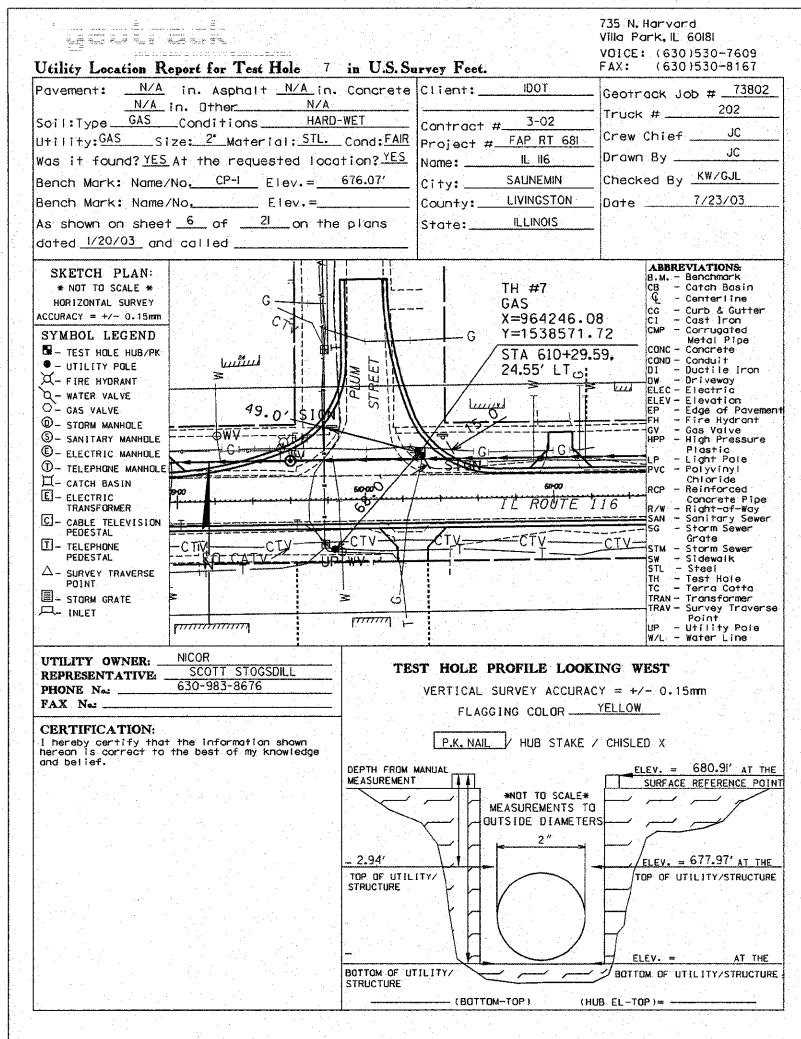
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W:\2183.03-100T IL 116 Plans\DGN\Sheet F	es\202308PM.dgn	DRAWN - AJP	REVISED -			681	114 RS-2	LIVINGSTON	63	22
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PLOT DATE = 9/18/2009	DATE - 09/25/09	REVIS	REVIS			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

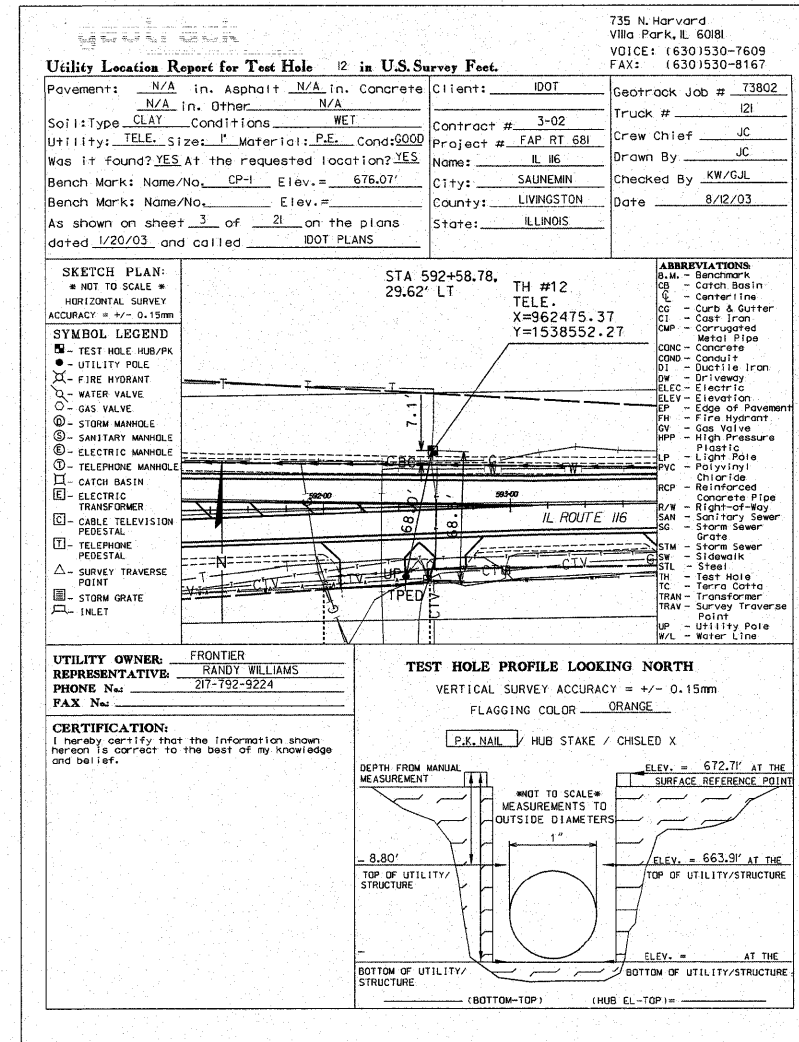
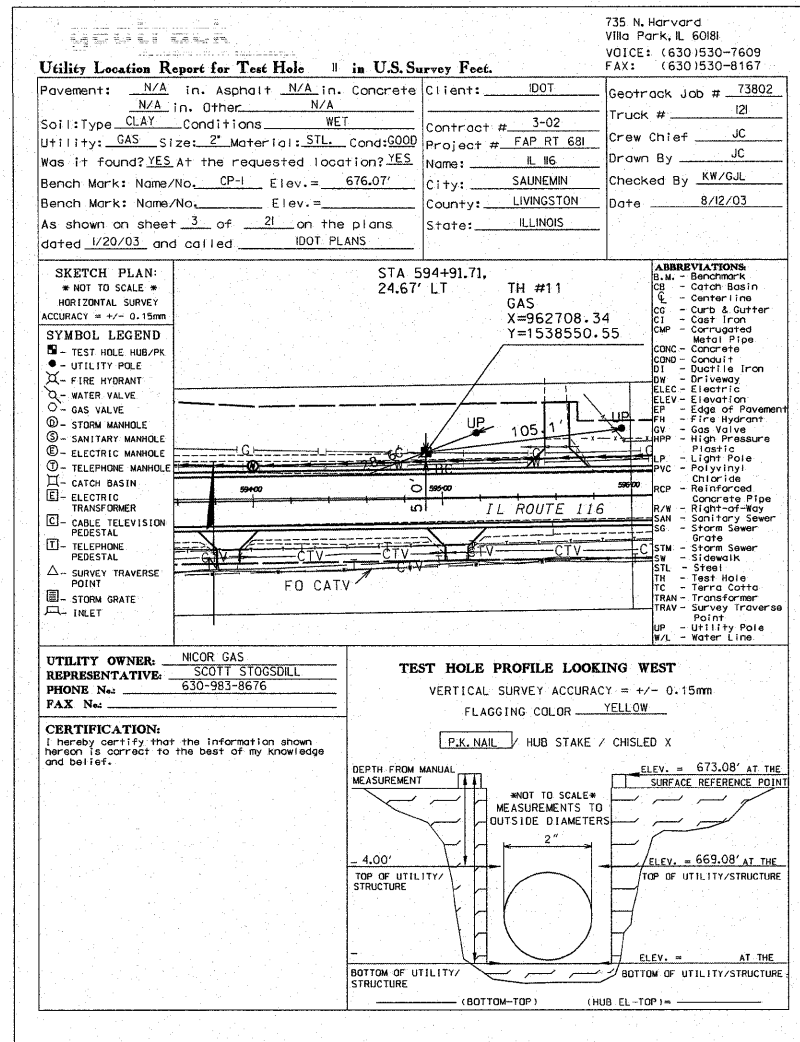
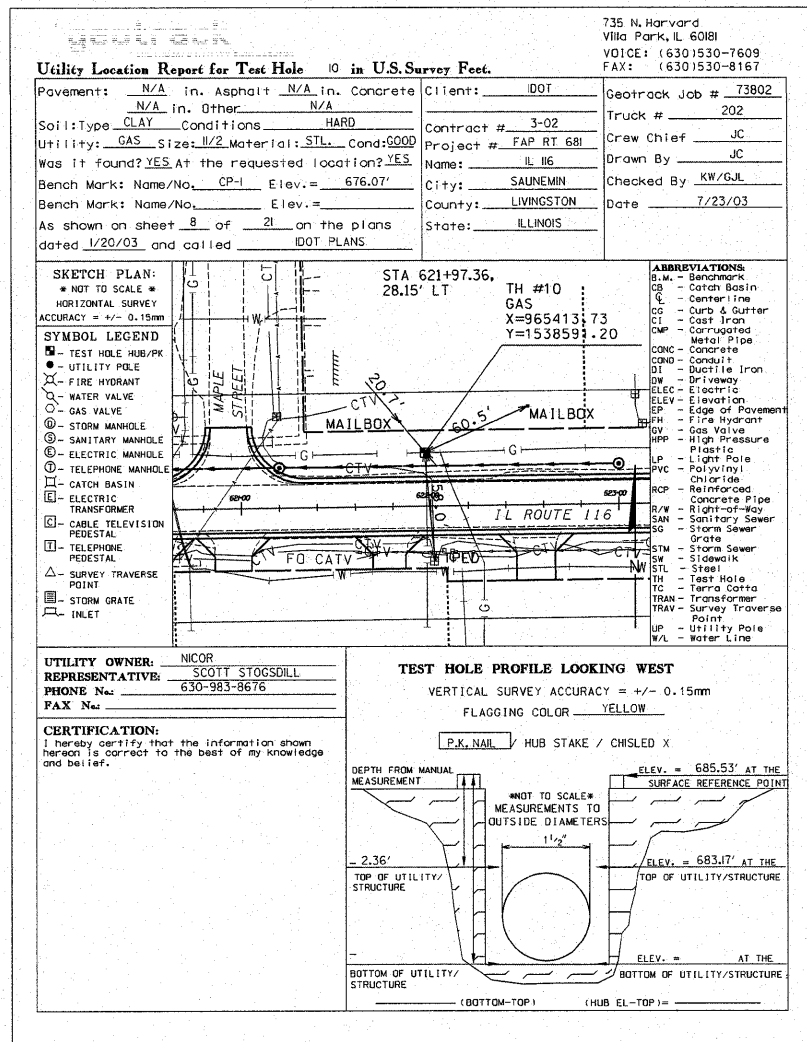
SCALE: 1"=50' SHEET NO. 1 OF 1 SHEETS STA. 580+00 TO STA. 623+50



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PLOT SCALE = 50.0000' / 1"	DRAWN - JRK	CHECKED - JMS	REVISED -			SCALE: SHEET NO. 01 OF 16 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT	CONTRACT NO. 66532		
PLOT DATE = 9/18/2009	DATE - 09/25/09	REVISED -	REVISED -									







FILE NAME =	USER NAME = IDOTCAD	DESIGNED = SPF	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SURFACE UTILITY ENGINEERING TEST HOLES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = 9/18/2009	DATE = 09/25/09	REVISIONS =	REVISIONS =			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
SCALE: SHEET NO. 04 OF 16 SHEETS STA. TO STA.											

735 N. Harvard
Villa Park, IL 60181
VOICE: (630)530-7609
FAX: (630)530-8167

Utility Location Report for Test Hole 13 in U.S. Survey Feet.

Pavement: N/A in. Asphalt N/A in. Concrete
Soil: Type CLAY Conditions WET
Utility: GAS Size: 1/2" Material: P.E. Cond: GOOD
Was it found? YES At the requested location? YES
Bench Mark: Name/No. CP-1 Elev. = 676.07'
Bench Mark: Name/No. Elev. =
As shown on sheet 3 of 21 on the plans dated 1/20/03 and called IDOT PLANS

Client: IDOT
Contract # 3-02
Project # FAP RT 681
Name: IL 116
City: SAUNEMIN
County: LIVINGSTON
State: ILLINOIS

Geotrack Job # 73802
Truck # 121
Crew Chief JC
Drawn By JC
Checked By KW/GJL
Date 8/12/03

STA 592+00.30, 46.59' RT TH #13 TELE. X=962417.95 Y=1538475.26

ABBREVIATIONS:
B.M. - Benchmark
CB - Catch Basin
CL - Centerline
CG - Curb & Gutter
CI - Cast Iron
CMP - Corrugated Metal Pipe
CONC - Concrete
COND - Conduit
DI - Ductile Iron
DW - Driveway
ELEC - Electric
ELEV - Elevation
EP - Edge of Pavement
FH - Fire Hydrant
GV - Gas Valve
HPP - High Pressure Plastic
LP - Light Pole
PVC - Polyvinyl Chloride
RCP - Reinforced Concrete Pipe
R/W - Right-of-Way
SAN - Sanitary Sewer
SG - Storm Sewer
STM - Storm Sewer
SW - Sidewalk
STL - Steel
TH - Test Hole
TC - Terra Cotta
TRAM - Transformer
TRAV - Survey Traverse Point
UP - Utility Pole
W/L - Water Line

SYMBOL LEGEND:
● - TEST HOLE HUB/PK
○ - UTILITY POLE
X - FIRE HYDRANT
○ - WATER VALVE
○ - GAS VALVE
○ - STORM MANHOLE
○ - SANITARY MANHOLE
○ - ELECTRIC MANHOLE
○ - TELEPHONE MANHOLE
□ - CATCH BASIN
□ - ELECTRIC TRANSFORMER
□ - CABLE TELEVISION PEDESTAL
□ - TELEPHONE PEDESTAL
△ - SURVEY TRAVERSE POINT
□ - STORM GRATE
□ - INLET

UTILITY OWNER: NICOR GAS
REPRESENTATIVE: SCOTT STOGSDILL
PHONE No: 630-983-8676
FAX No:

TEST HOLE PROFILE LOOKING NORTH
VERTICAL SURVEY ACCURACY = +/- 0.15mm
FLAGGING COLOR YELLOW

CERTIFICATION:
I hereby certify that the information shown hereon is correct to the best of my knowledge and belief.

735 N. Harvard
Villa Park, IL 60181
VOICE: (630)530-7609
FAX: (630)530-8167

Utility Location Report for Test Hole 14 in U.S. Survey Feet.

Pavement: N/A in. Asphalt N/A in. Concrete
Soil: Type CLAY Conditions WET
Utility: WATER Size: 6" Material: P.E. Cond: GOOD
Was it found? YES At the requested location? YES
Bench Mark: Name/No. CP-1 Elev. = 676.07'
Bench Mark: Name/No. Elev. =
As shown on sheet 4 of 21 on the plans dated 1/20/03 and called IDOT PLANS

Client: IDOT
Contract # 3-02
Project # FAP RT 681
Name: IL 116
City: SAUNEMIN
County: LIVINGSTON
State: ILLINOIS

Geotrack Job # 73802
Truck # 121
Crew Chief JC
Drawn By JC
Checked By KW/GJL
Date 8/12/03

STA 597+03.16, 20.86' LT TH #14 WATER X=962919.82 Y=1538549.66

ABBREVIATIONS:
B.M. - Benchmark
CB - Catch Basin
CL - Centerline
CG - Curb & Gutter
CI - Cast Iron
CMP - Corrugated Metal Pipe
CONC - Concrete
COND - Conduit
DI - Ductile Iron
DW - Driveway
ELEC - Electric
ELEV - Elevation
EP - Edge of Pavement
FH - Fire Hydrant
GV - Gas Valve
HPP - High Pressure Plastic
LP - Light Pole
PVC - Polyvinyl Chloride
RCP - Reinforced Concrete Pipe
R/W - Right-of-Way
SAN - Sanitary Sewer
SG - Storm Sewer
STM - Storm Sewer
SW - Sidewalk
STL - Steel
TH - Test Hole
TC - Terra Cotta
TRAM - Transformer
TRAV - Survey Traverse Point
UP - Utility Pole
W/L - Water Line

SYMBOL LEGEND:
● - TEST HOLE HUB/PK
○ - UTILITY POLE
X - FIRE HYDRANT
○ - WATER VALVE
○ - GAS VALVE
○ - STORM MANHOLE
○ - SANITARY MANHOLE
○ - ELECTRIC MANHOLE
○ - TELEPHONE MANHOLE
□ - CATCH BASIN
□ - ELECTRIC TRANSFORMER
□ - CABLE TELEVISION PEDESTAL
□ - TELEPHONE PEDESTAL
△ - SURVEY TRAVERSE POINT
□ - STORM GRATE
□ - INLET

UTILITY OWNER: SAUNEMIN WATER
REPRESENTATIVE: MIKE STOCKLIN
PHONE No: 815-832-4352
FAX No:

TEST HOLE PROFILE LOOKING WEST
VERTICAL SURVEY ACCURACY = +/- 0.15mm
FLAGGING COLOR BLUE

CERTIFICATION:
I hereby certify that the information shown hereon is correct to the best of my knowledge and belief.

735 N. Harvard
Villa Park, IL 60181
VOICE: (630)530-7609
FAX: (630)530-8167

Utility Location Report for Test Hole 15 in U.S. Survey Feet.

Pavement: N/A in. Asphalt N/A in. Concrete
Soil: Type CLAY Conditions WET
Utility: GAS Size: 2" Material: STL Cond: FAIR
Was it found? YES At the requested location? YES
Bench Mark: Name/No. CP-1 Elev. = 676.07'
Bench Mark: Name/No. Elev. =
As shown on sheet 4 of 21 on the plans dated 1/20/03 and called IDOT PLANS

Client: IDOT
Contract # 3-02
Project # FAP RT 681
Name: IL 116
City: SAUNEMIN
County: LIVINGSTON
State: ILLINOIS

Geotrack Job # 73802
Truck # 202
Crew Chief JC
Drawn By JC
Checked By KW/GJL
Date 7/24/03

STA 598+53.34, 25.39' LT TH #15 GAS X=963069.93 Y=1538556.27

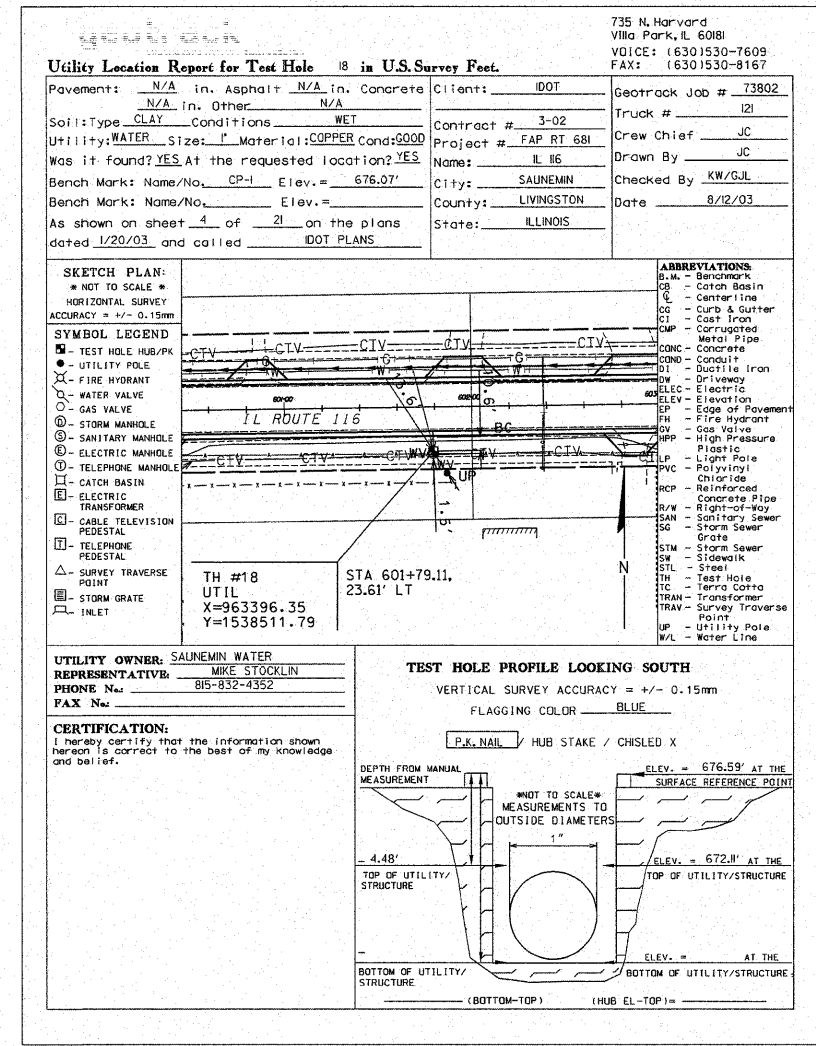
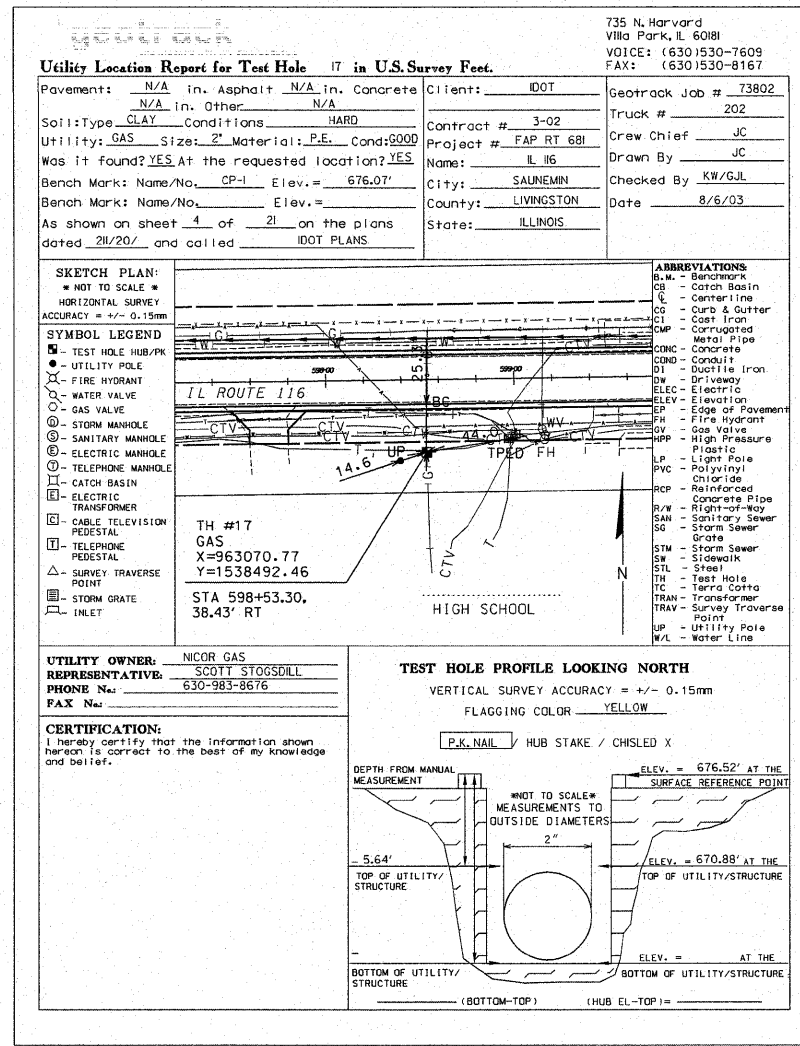
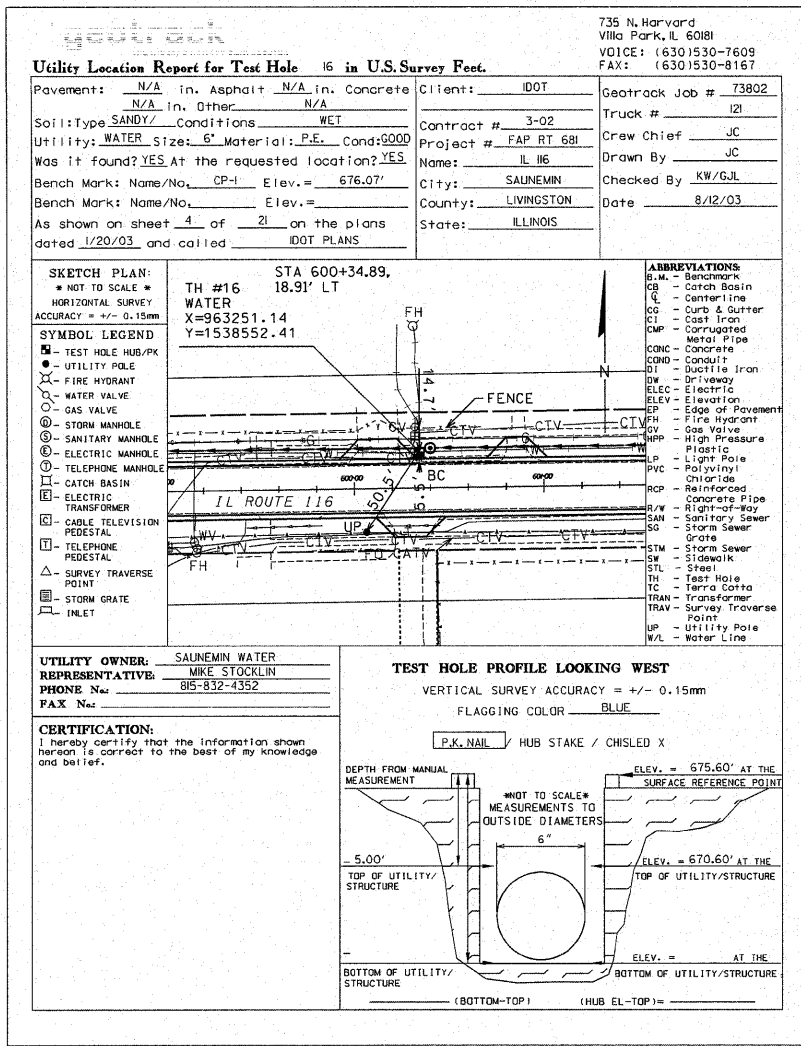
ABBREVIATIONS:
B.M. - Benchmark
CB - Catch Basin
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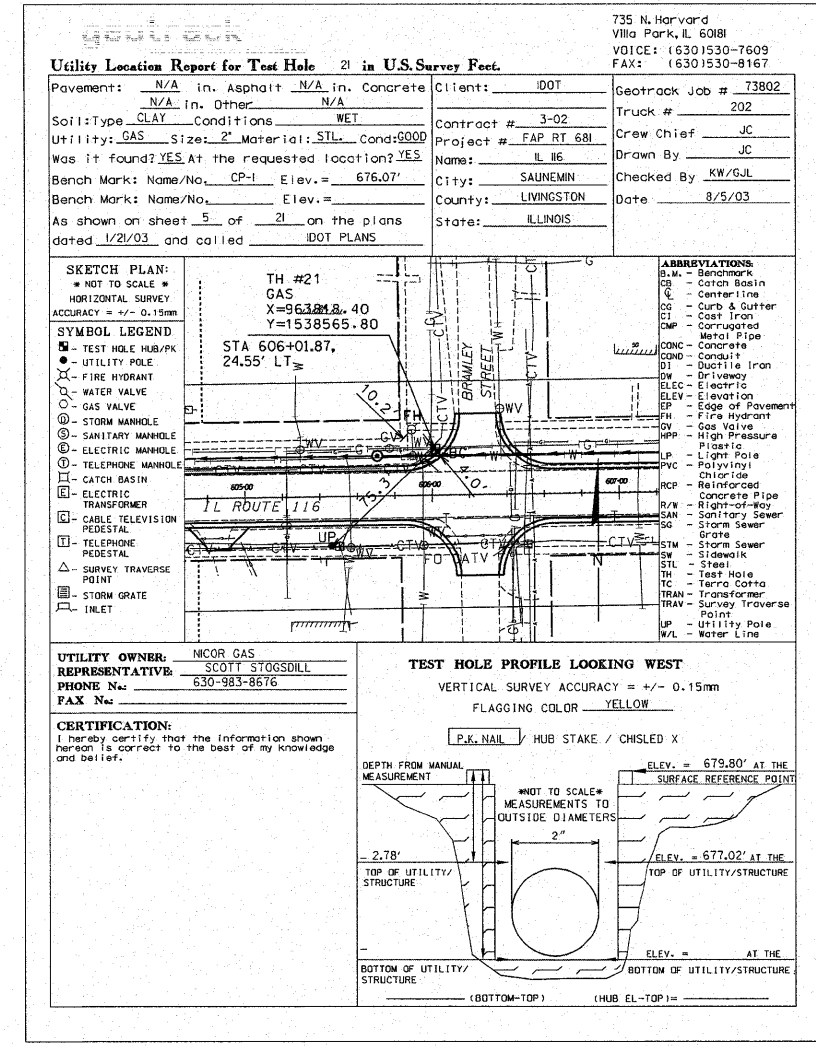
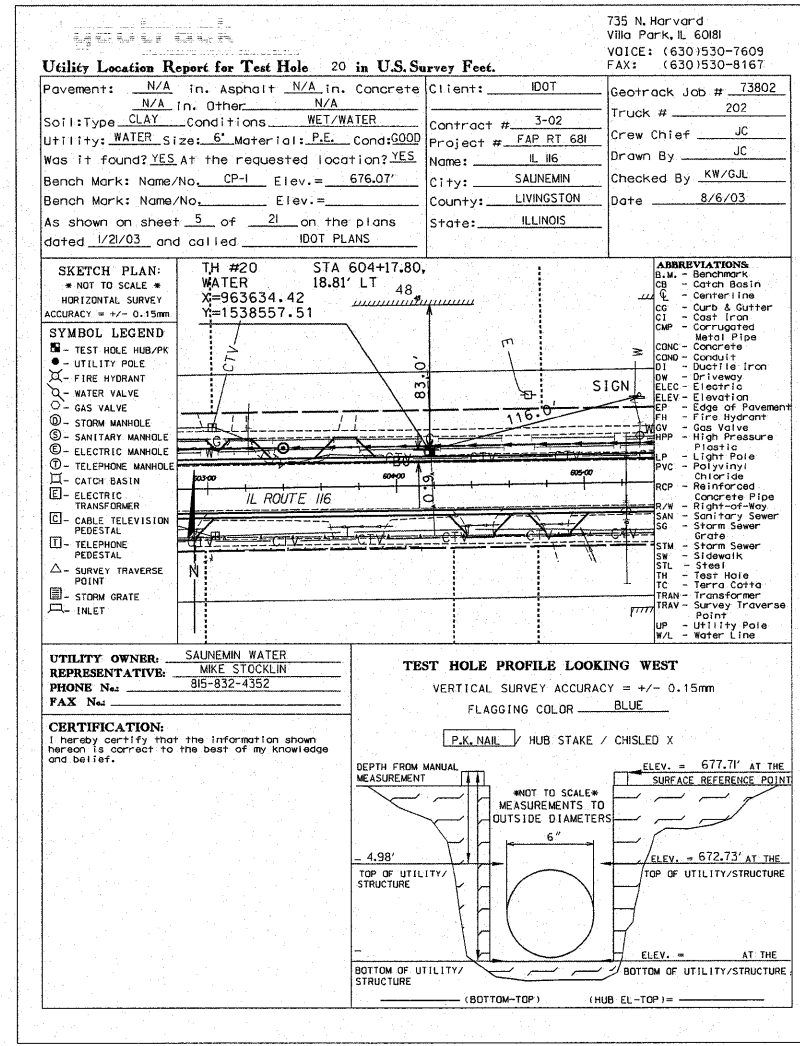
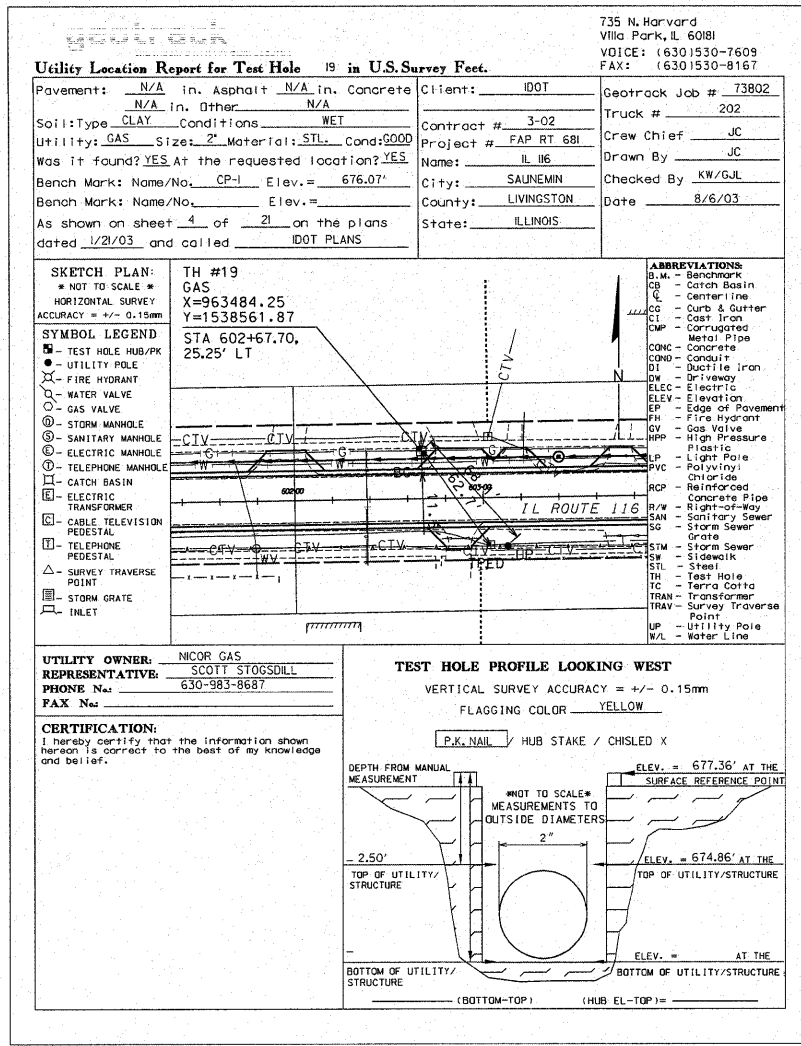
SYMBOL LEGEND:
● - TEST HOLE HUB/PK
○ - UTILITY POLE
X - FIRE HYDRANT
○ - WATER VALVE
○ - GAS VALVE
○ - STORM MANHOLE
○ - SANITARY MANHOLE
○ - ELECTRIC MANHOLE
○ - TELEPHONE MANHOLE
□ - CATCH BASIN
□ - ELECTRIC TRANSFORMER
□ - CABLE TELEVISION PEDESTAL
□ - TELEPHONE PEDESTAL
△ - SURVEY TRAVERSE POINT
□ - STORM GRATE
□ - INLET

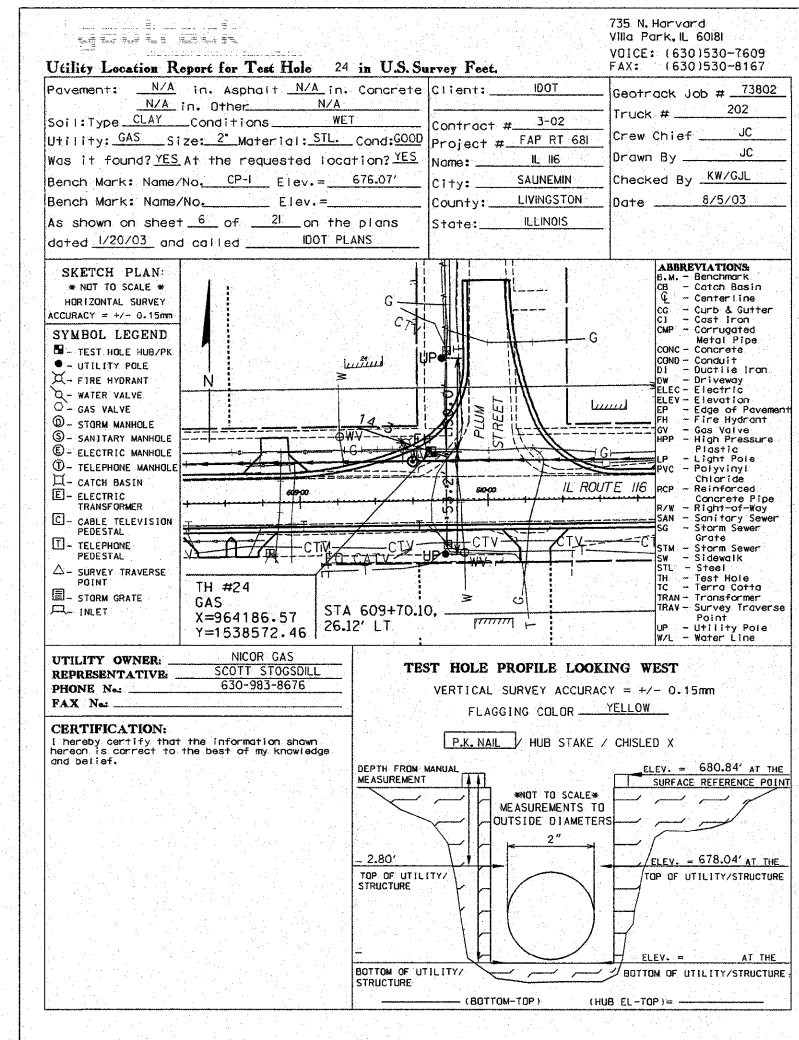
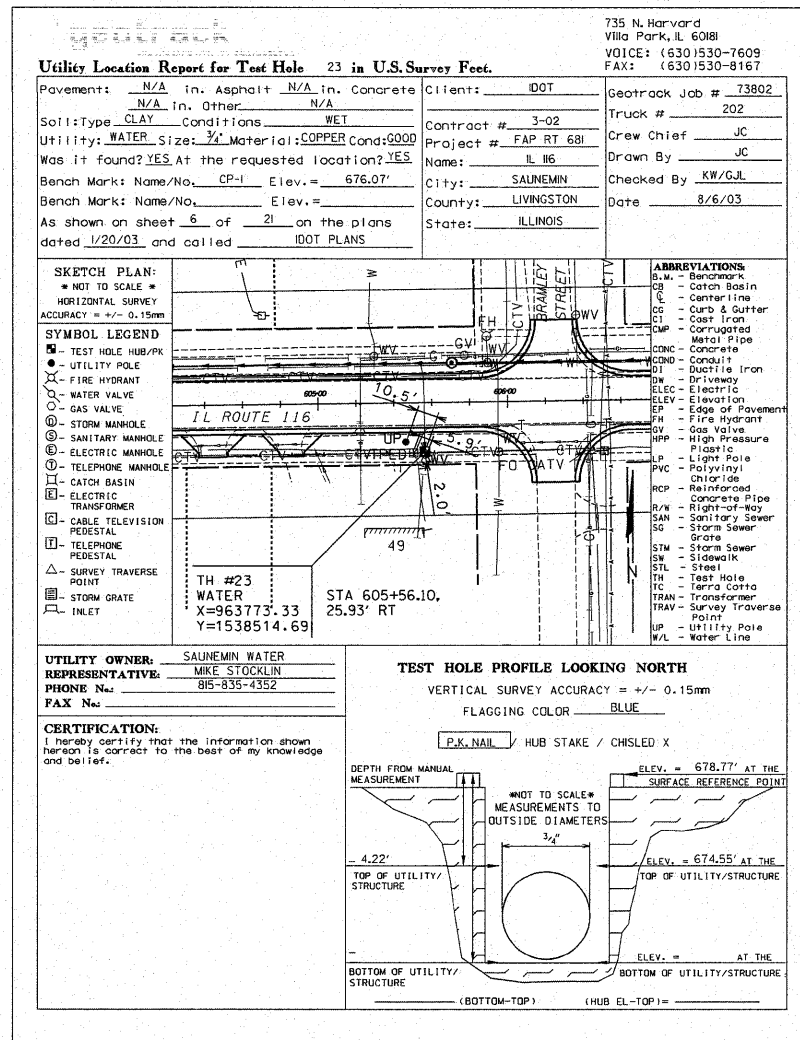
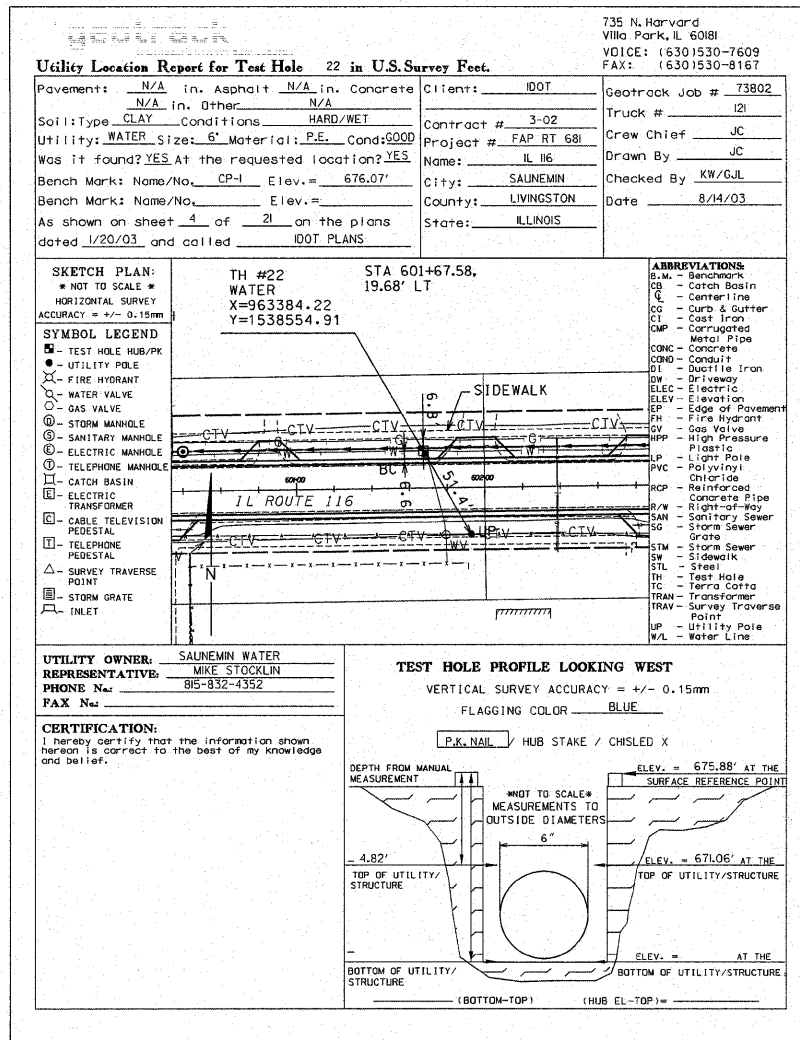
UTILITY OWNER: NICOR GAS
REPRESENTATIVE: SCOTT STOGSDILL
PHONE No: 630-983-8676
FAX No:

TEST HOLE PROFILE LOOKING WEST
VERTICAL SURVEY ACCURACY = +/- 0.15mm
FLAGGING COLOR YELLOW

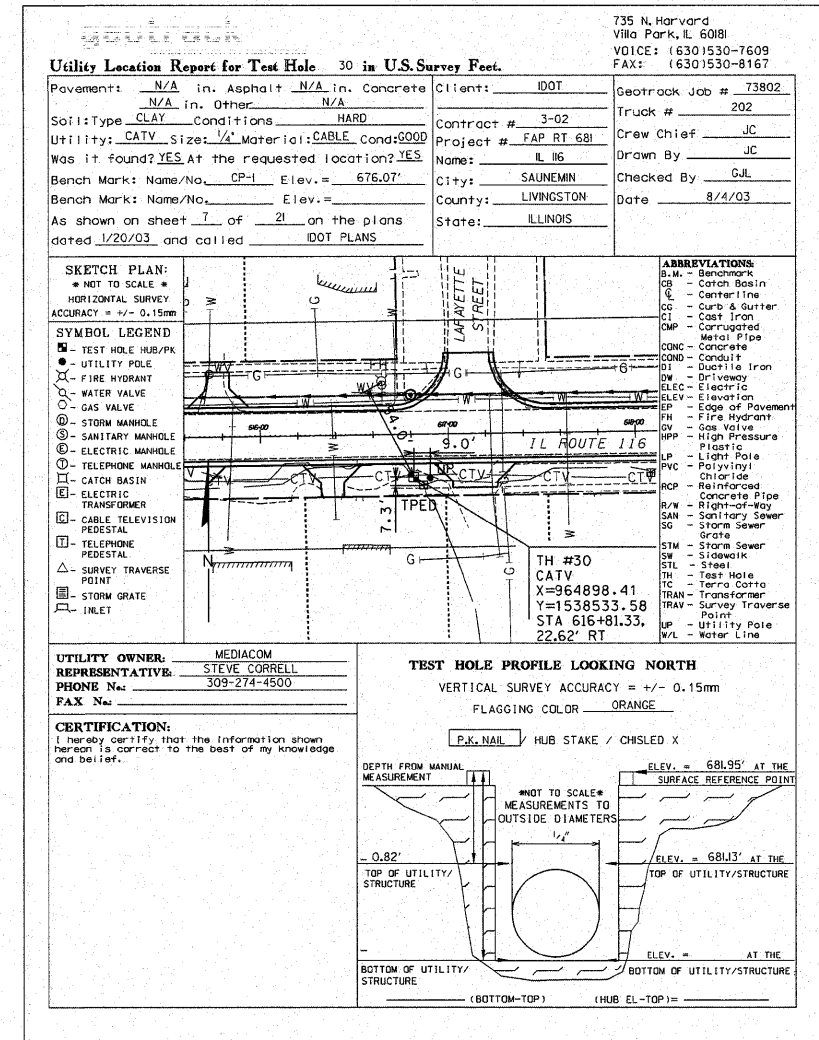
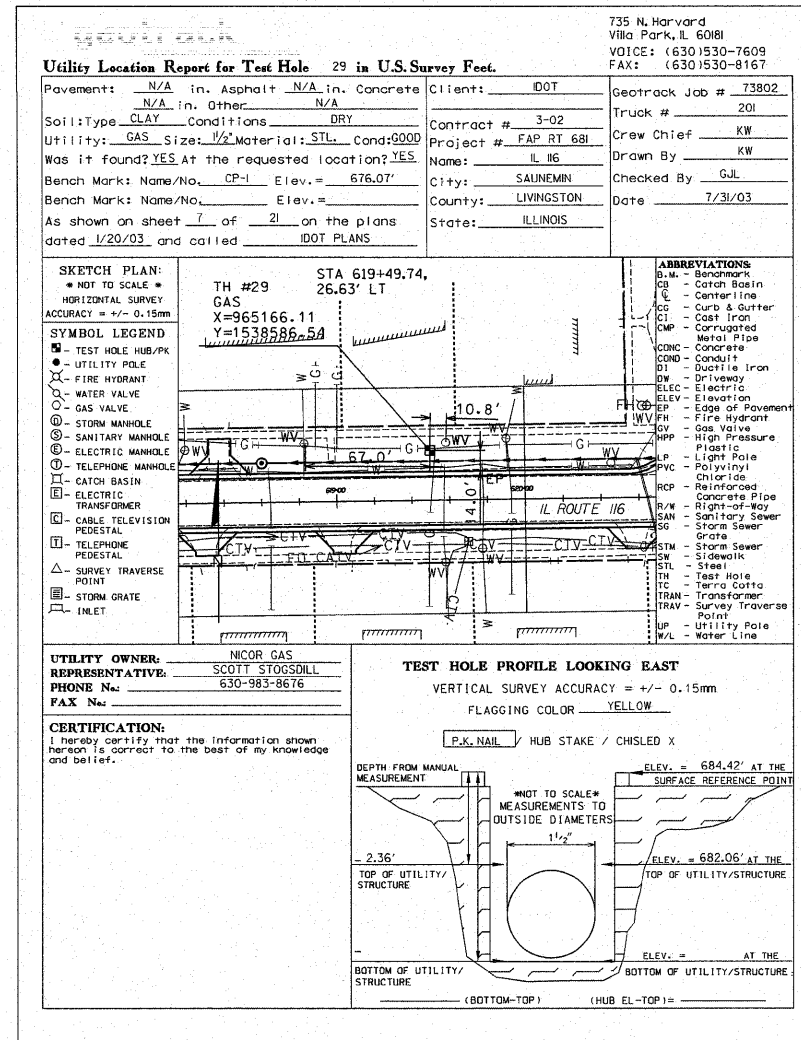
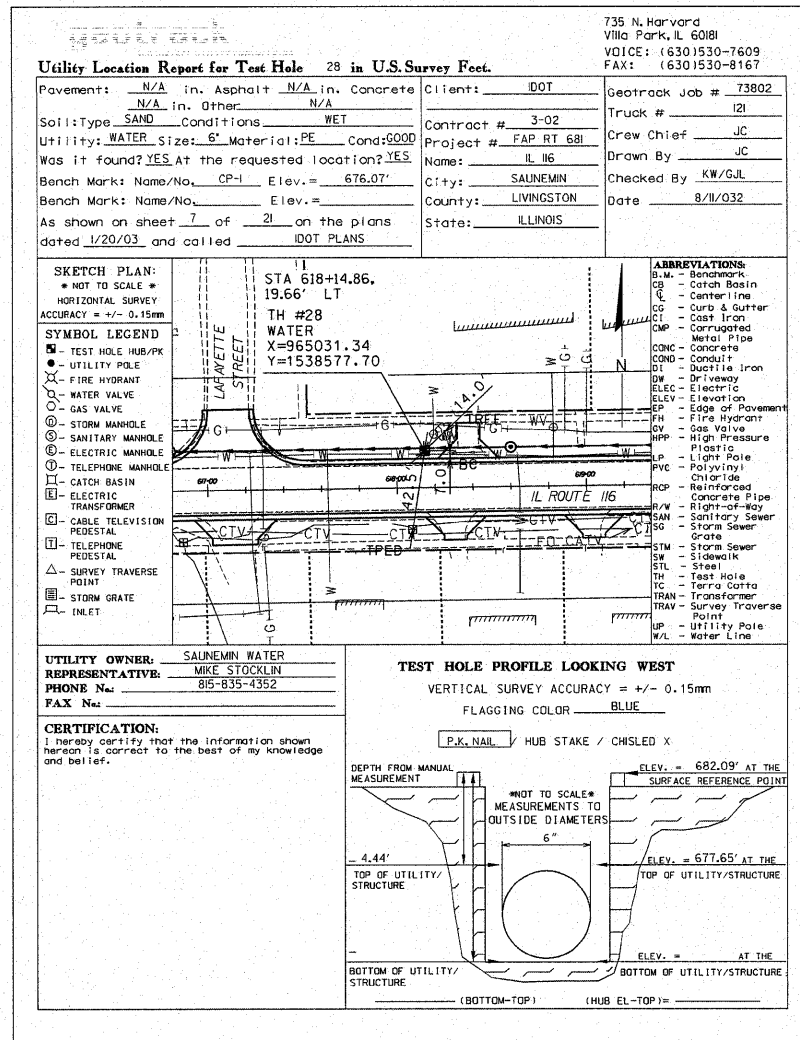
CERTIFICATION:
I hereby certify that the information shown hereon is correct to the best of my knowledge and belief.



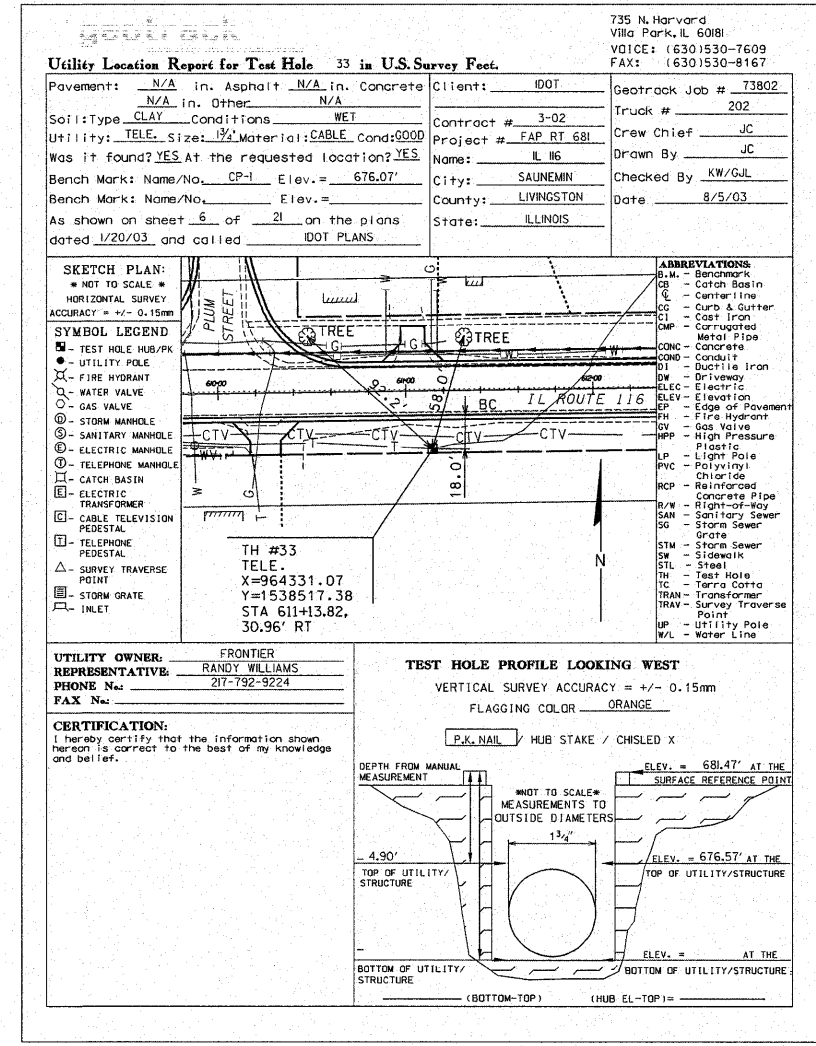
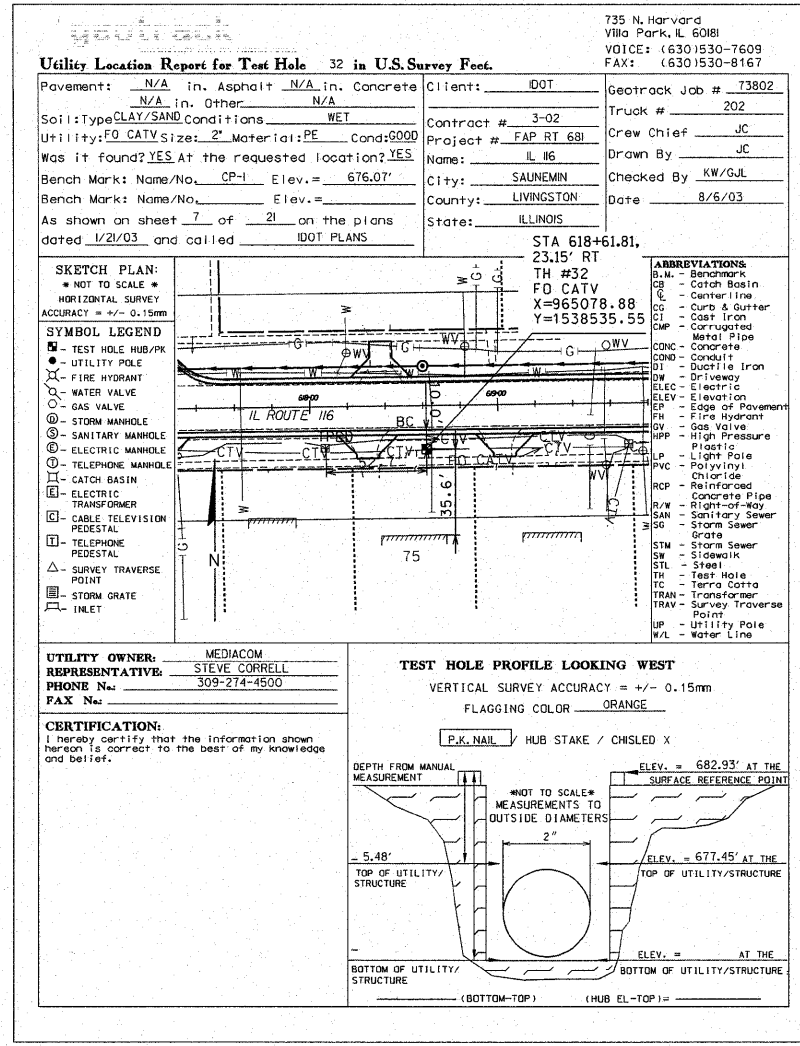
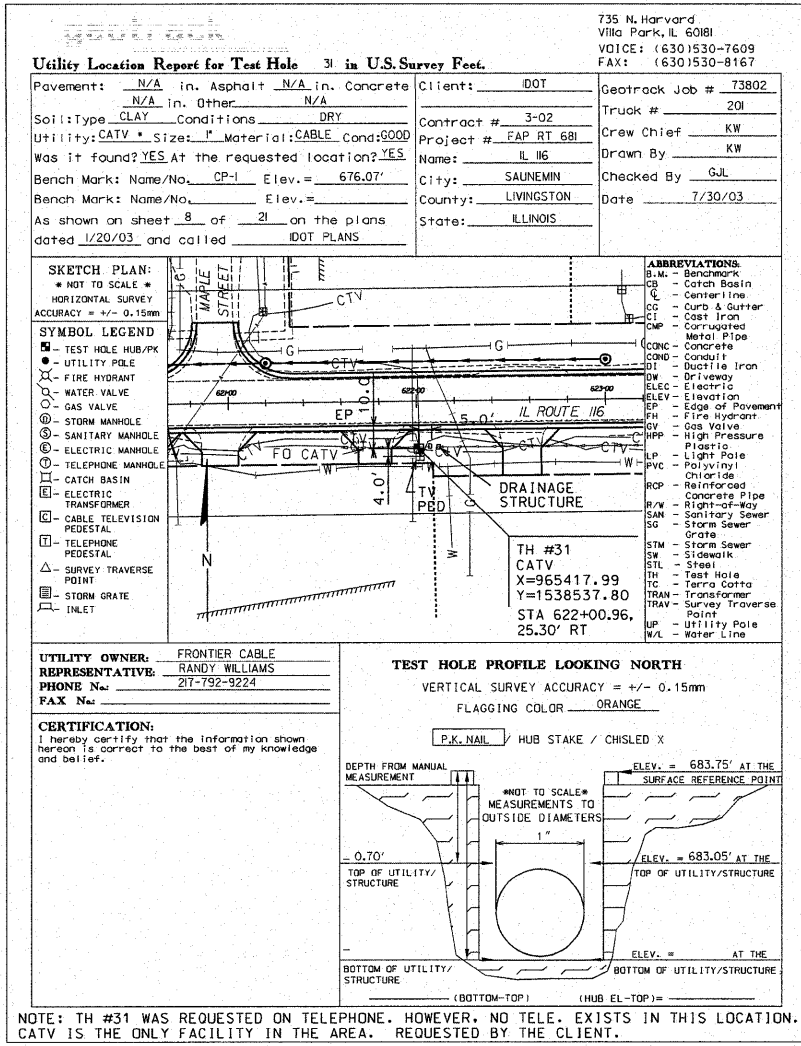




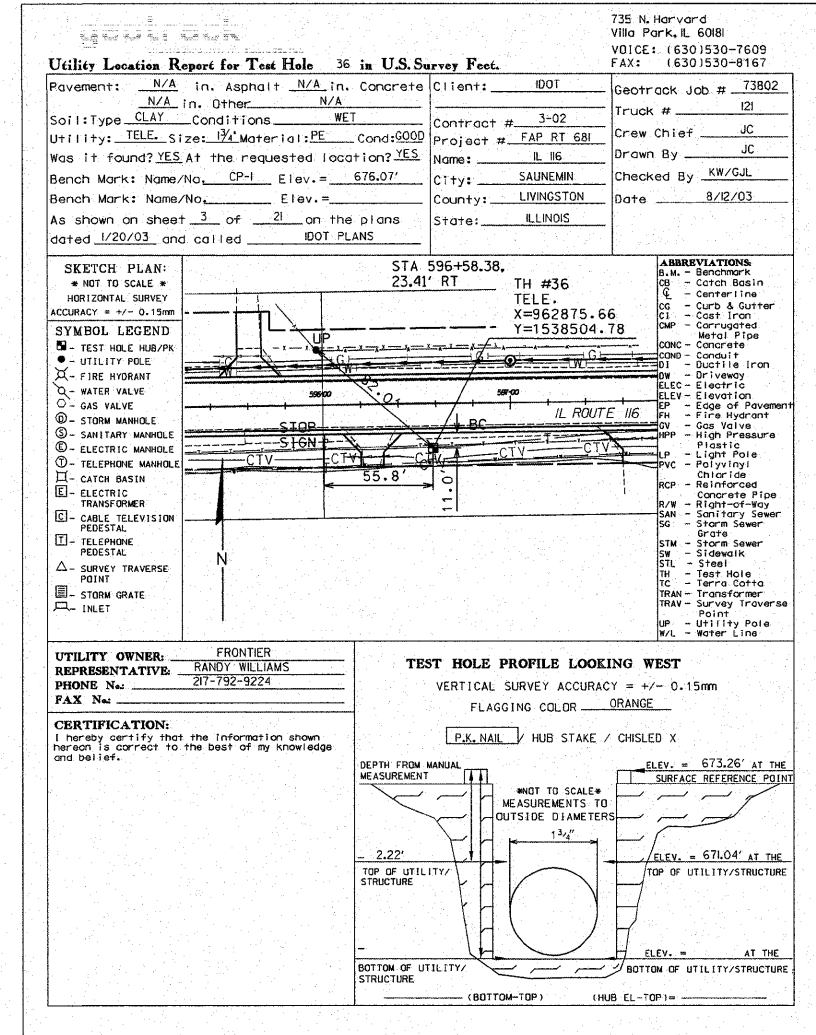
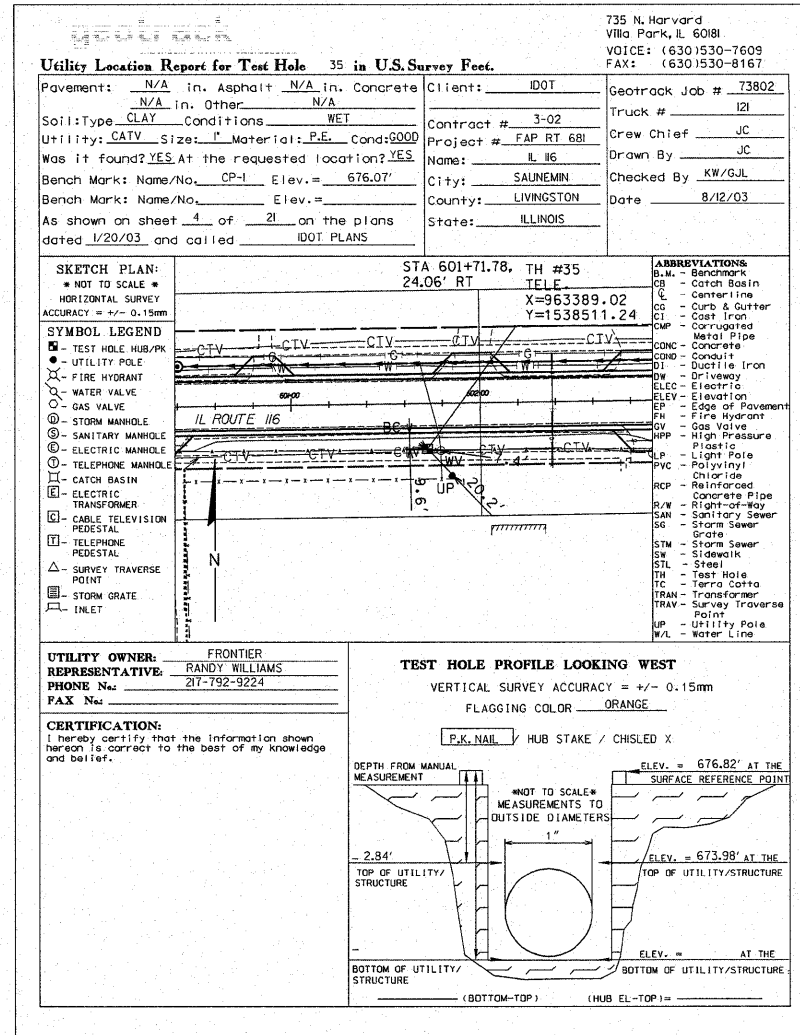
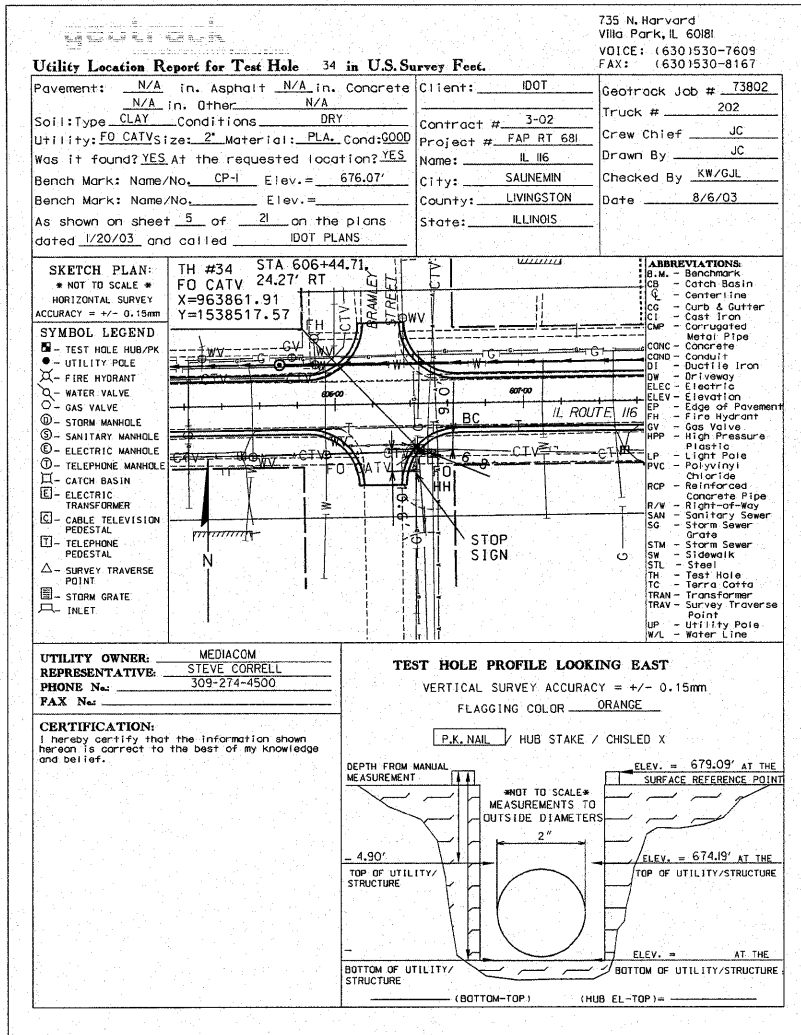
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es\202300SUE.dgn	DRAWN - JRK	REVISED -	REVISOR -			SCALE:	SHEET NO. 08 OF 16 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	CONTRACT NO. 66532		
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PLOT DATE = 9/18/2009	DATE - 09/25/09	REVISED -	REVISOR -									



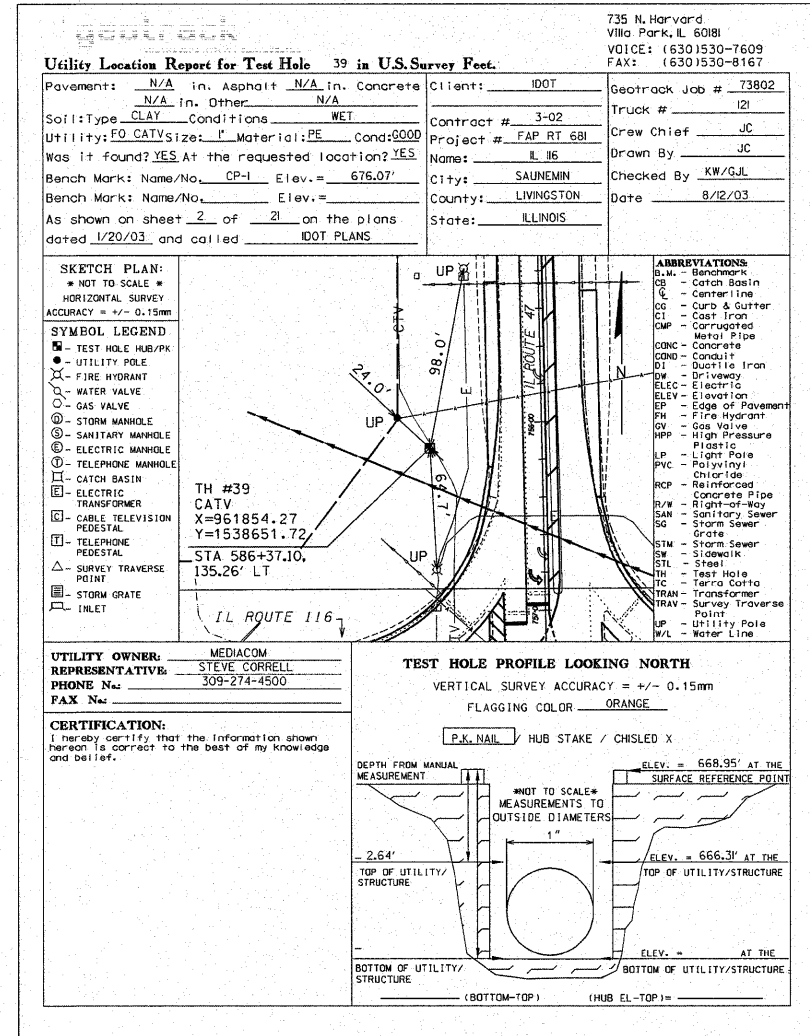
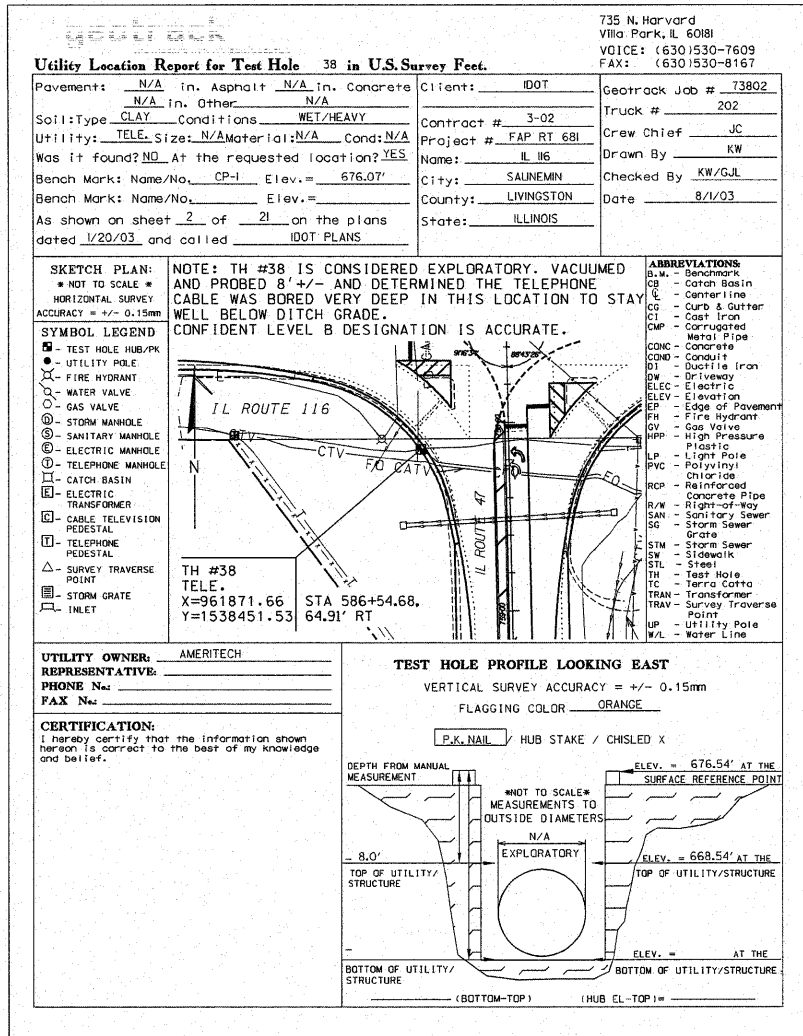
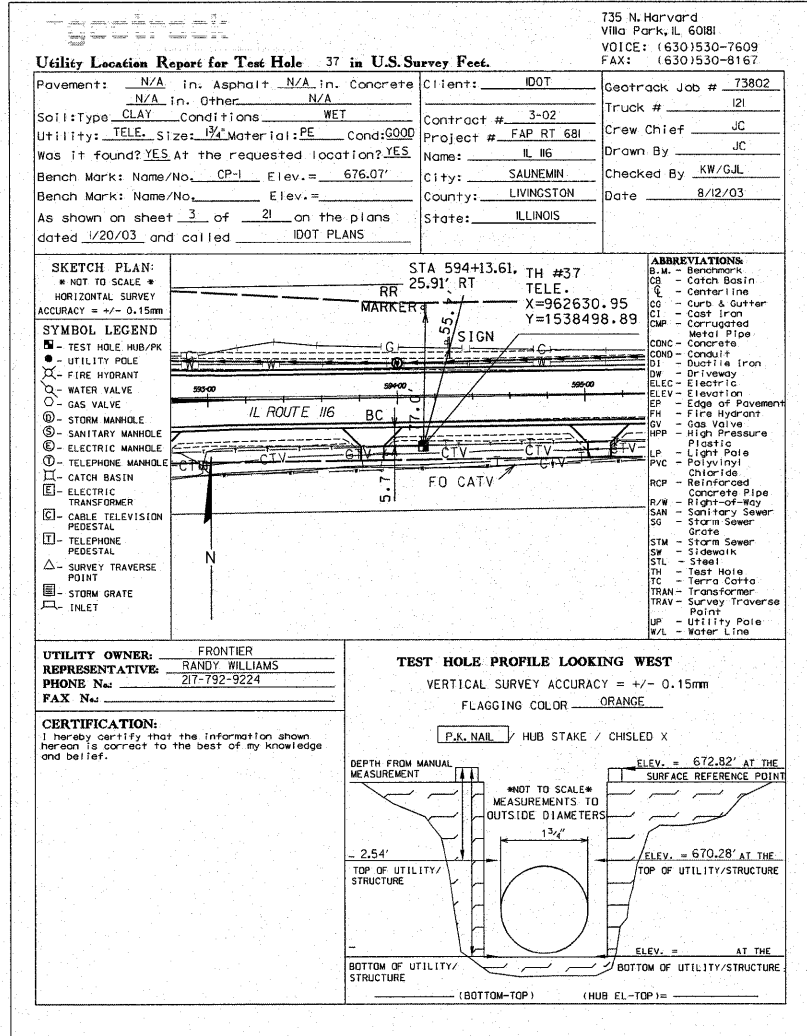
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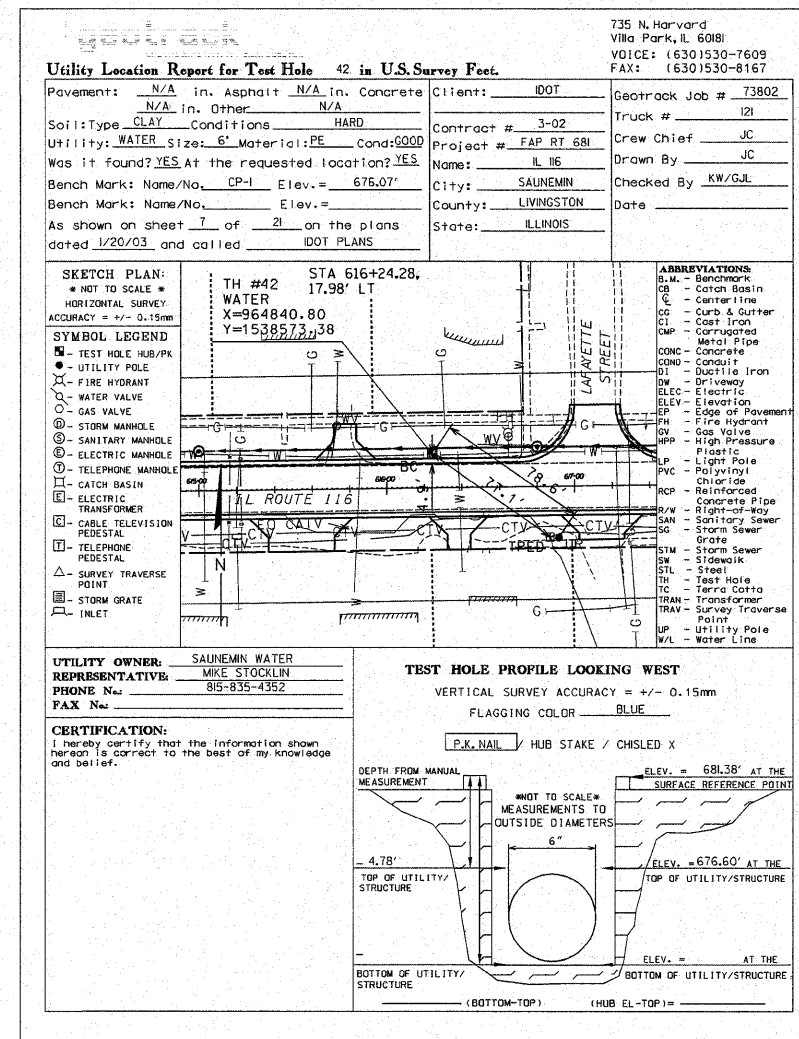
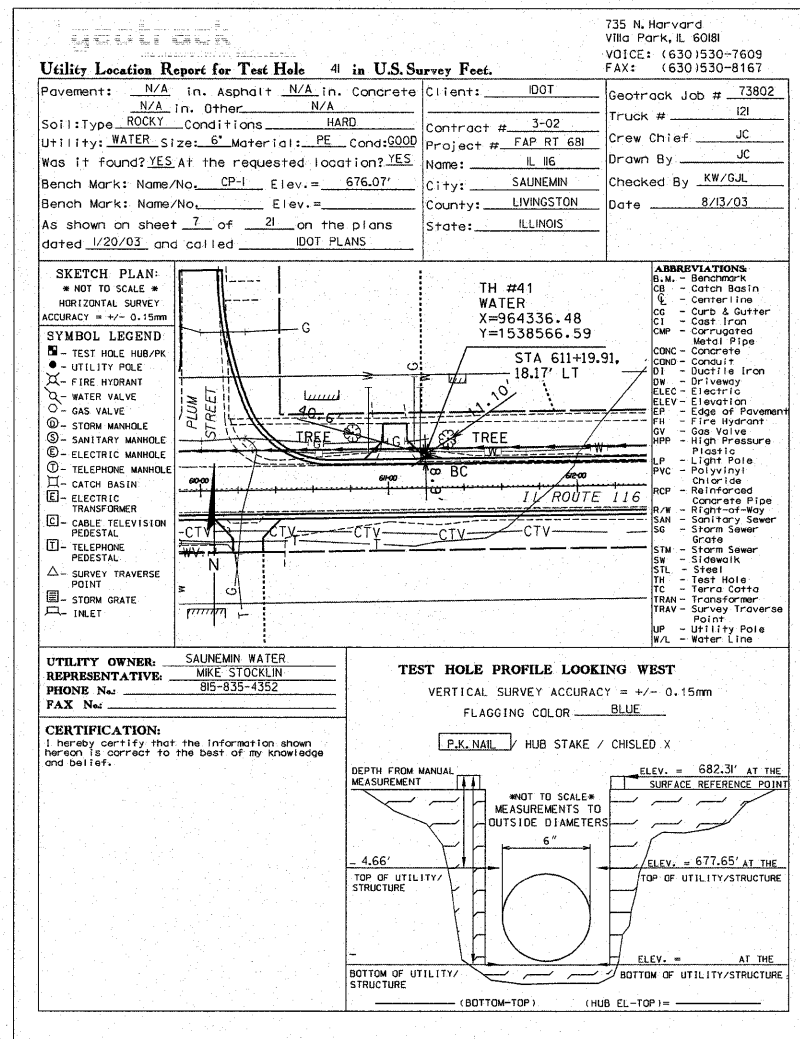
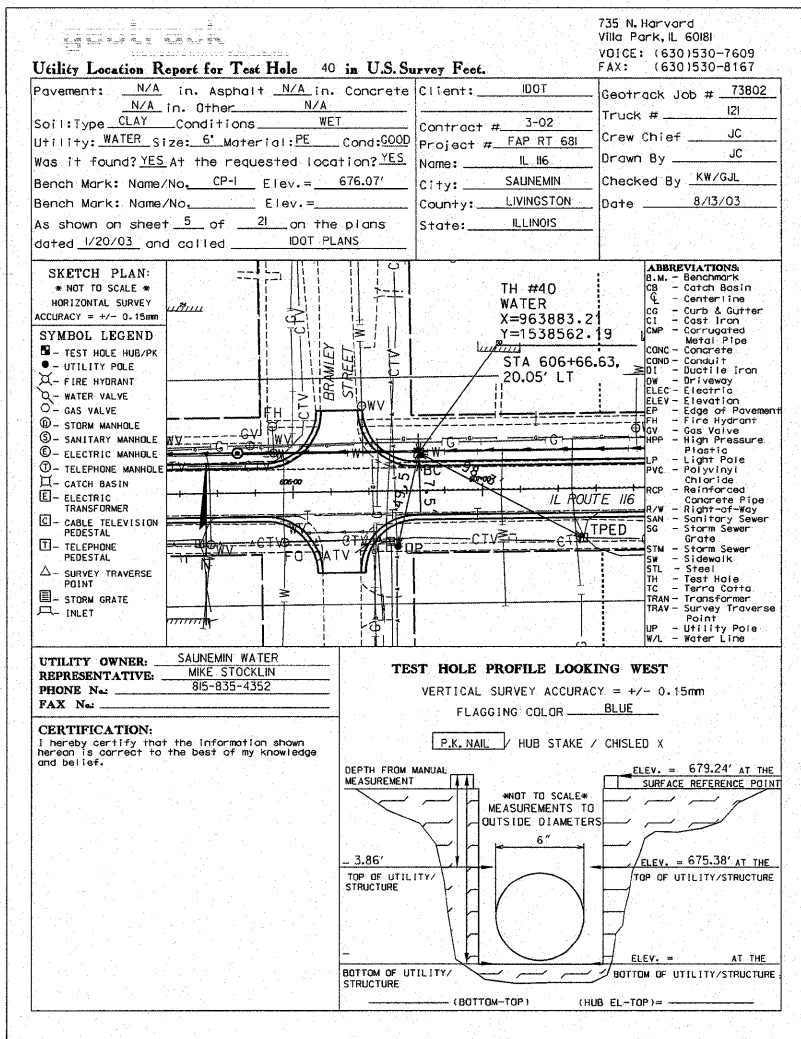
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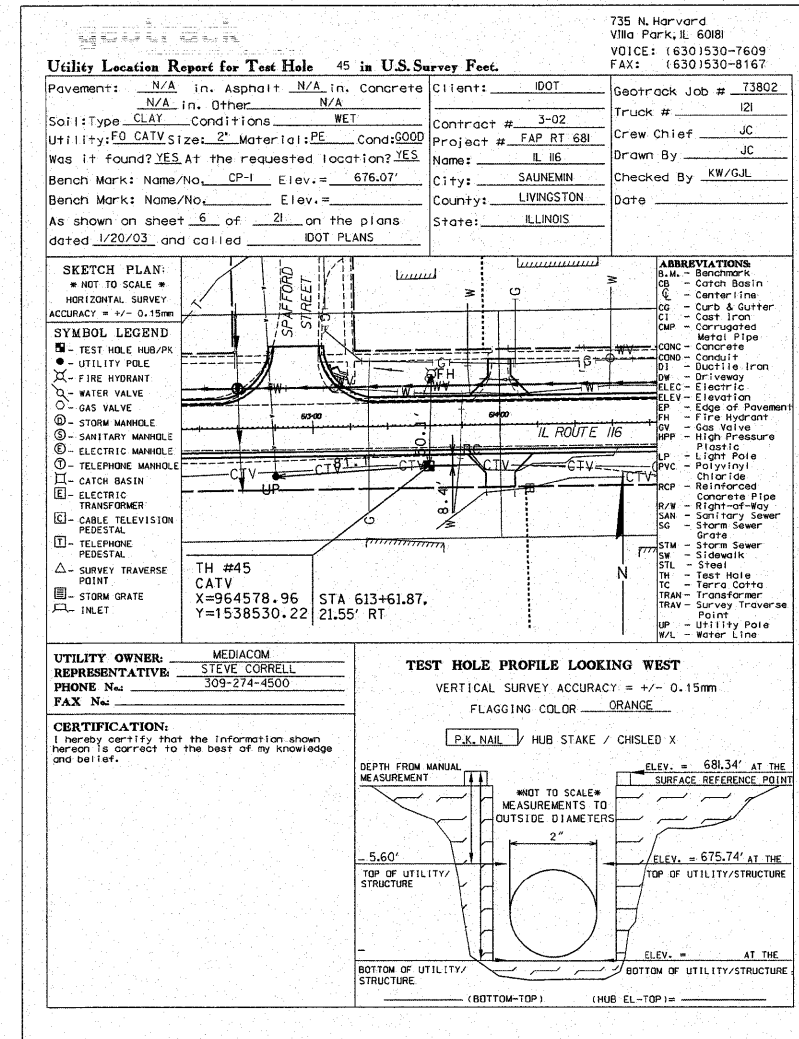
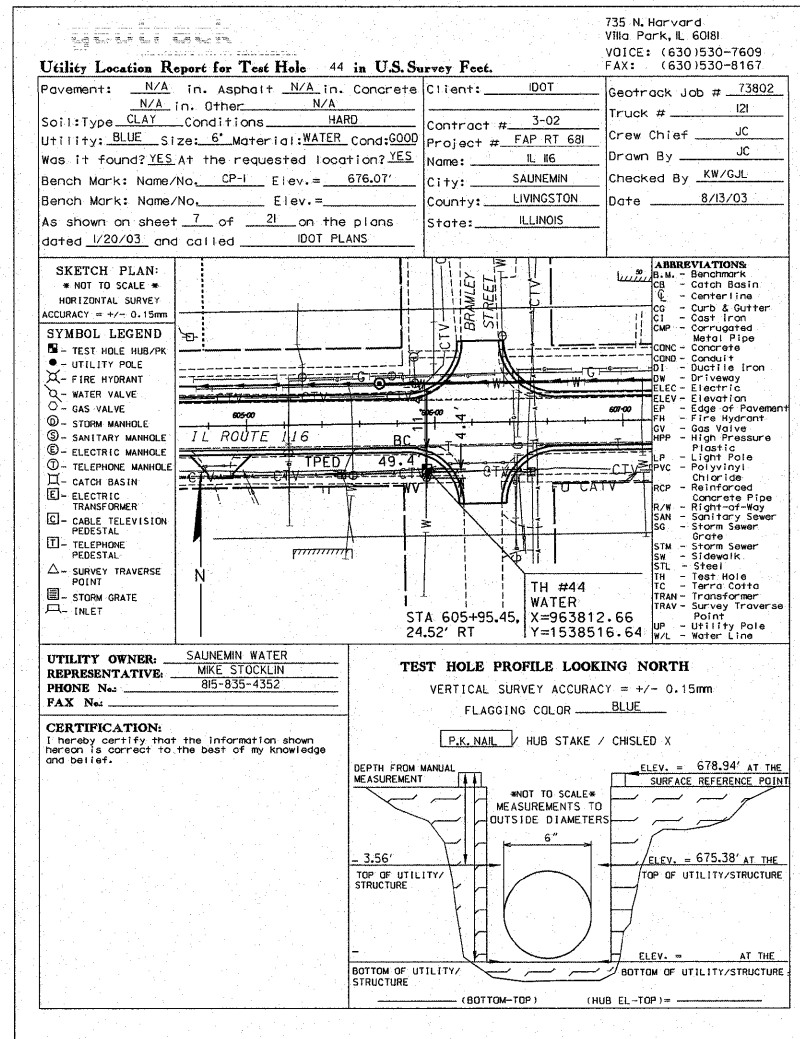
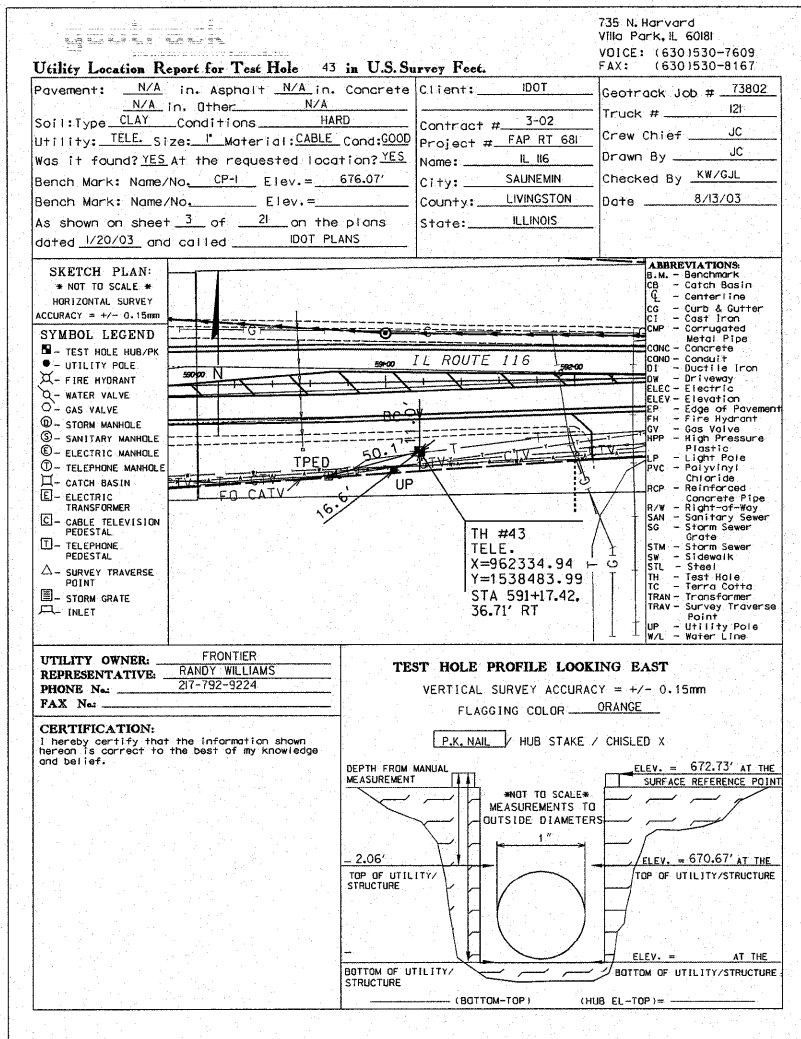


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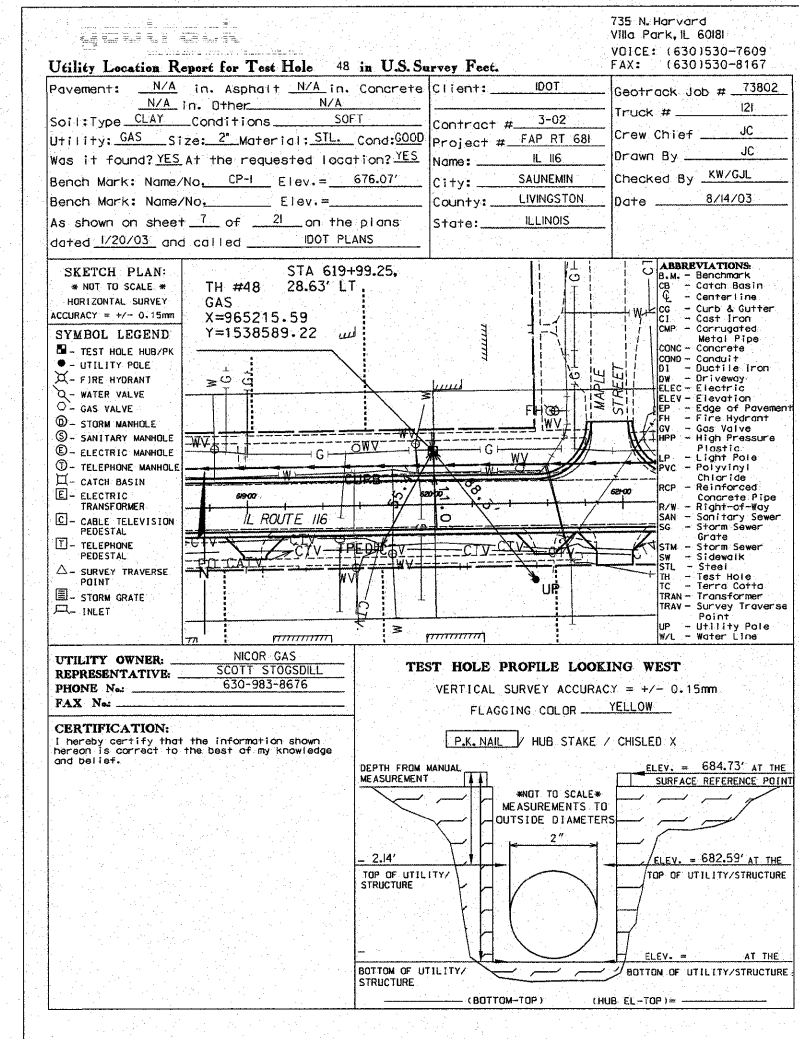
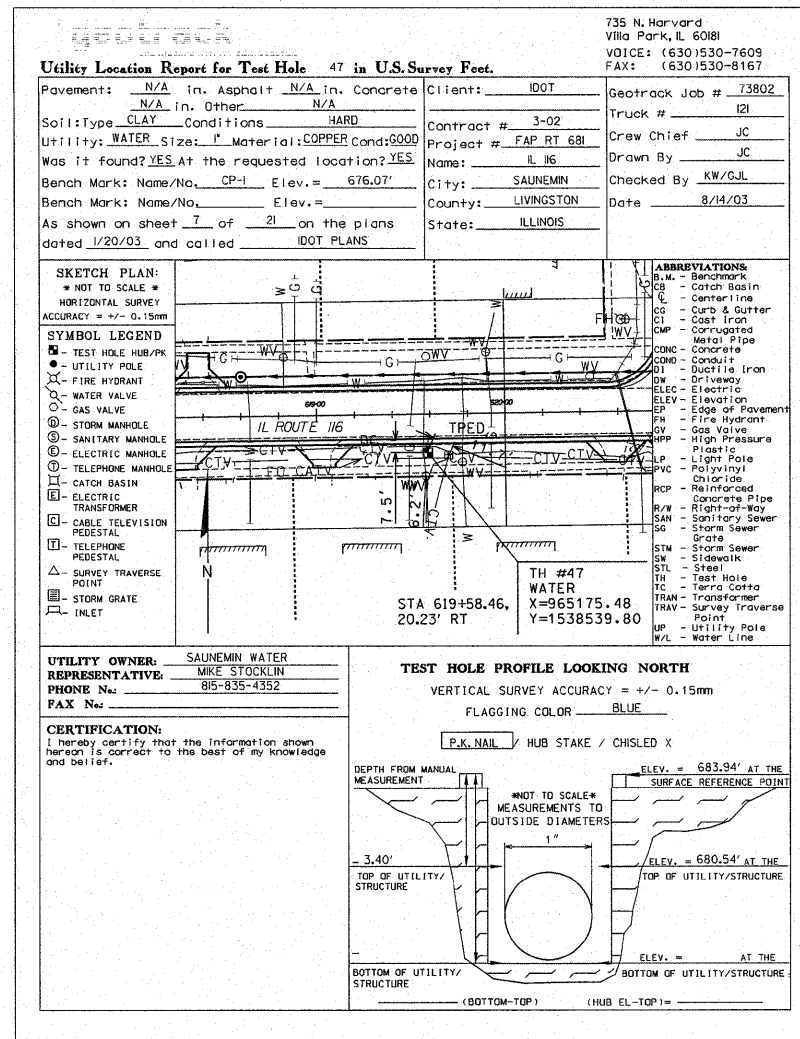
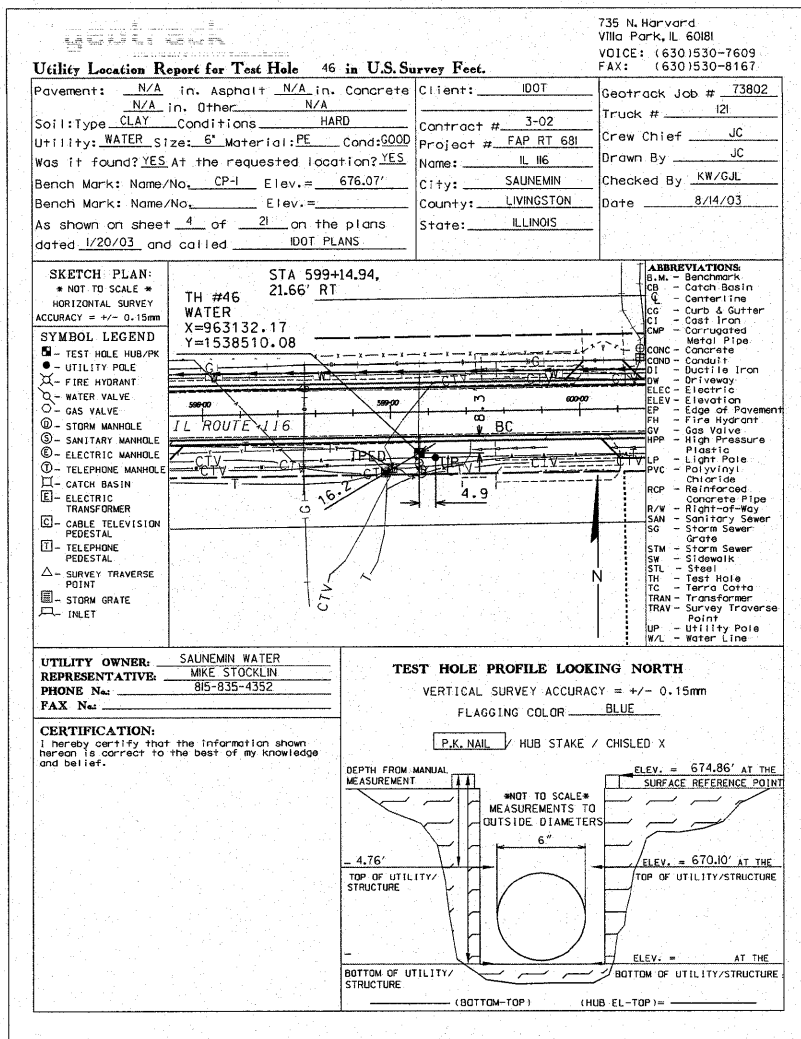


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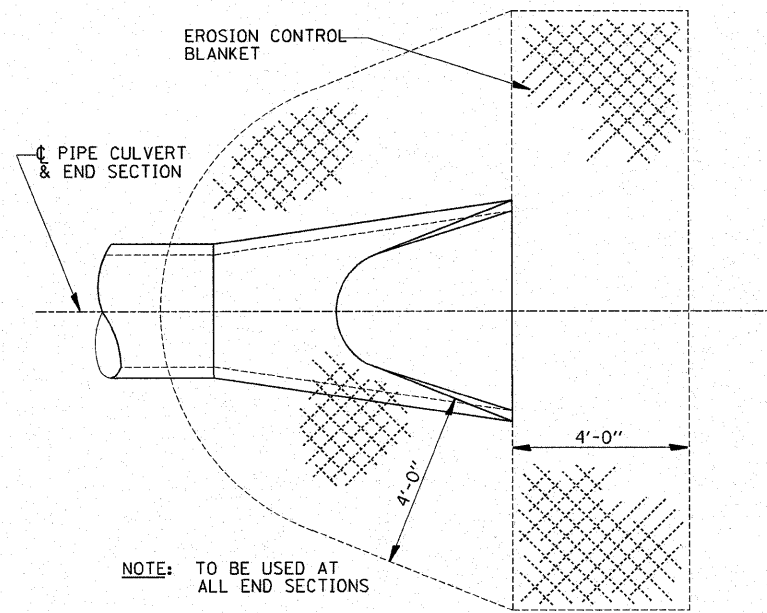


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SCALE:		SHEET NO. 15 OF 16 SHEETS		STA. TO STA.						



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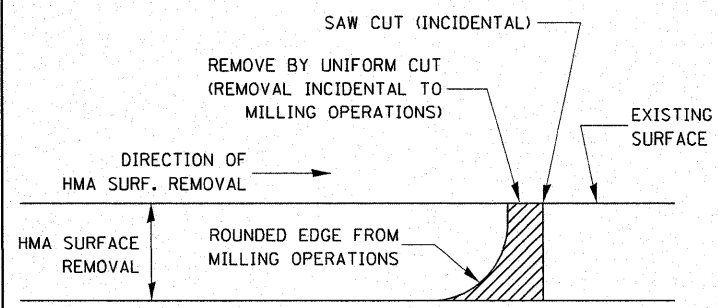


NOTE: TO BE USED AT ALL END SECTIONS

DETAIL OF EROSION CONTROL BLANKET LINING AROUND END SECTION

NOTE: PRC FLARED END SECTION SHOWN. TREATMENT SAME FOR OTHER END SECTIONS.

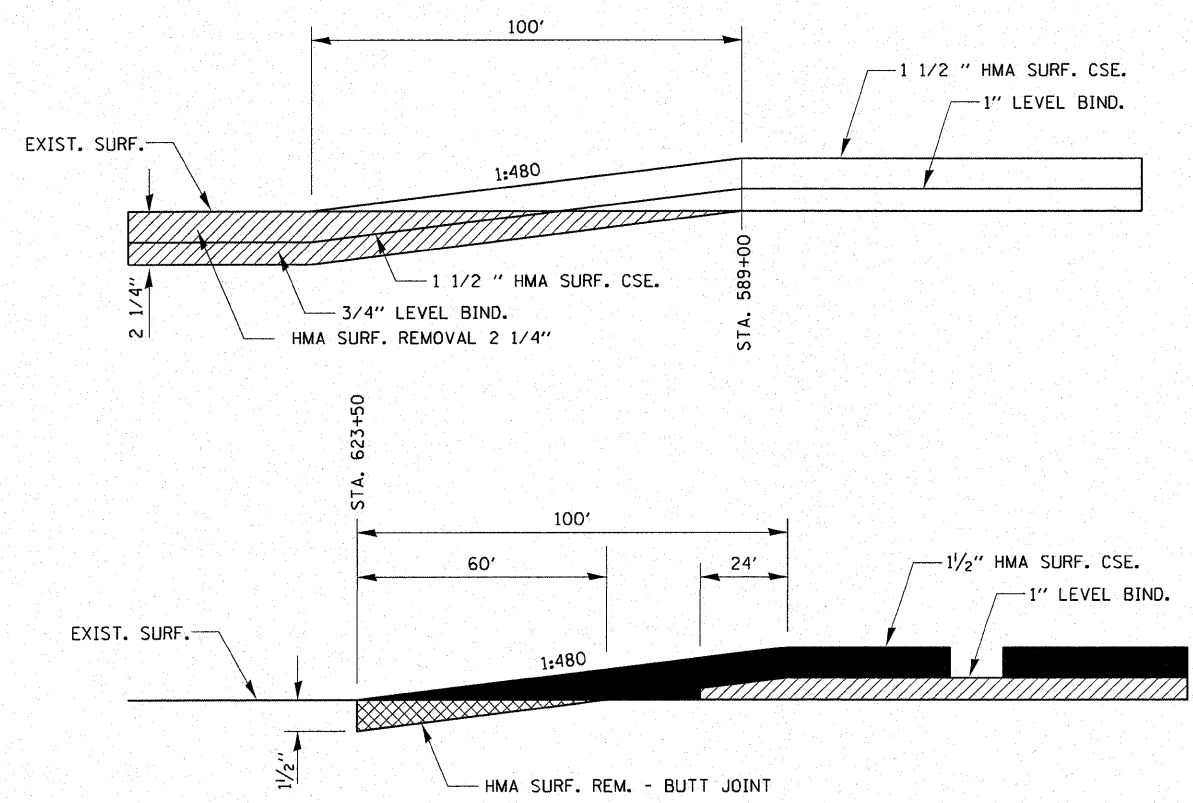
251-2



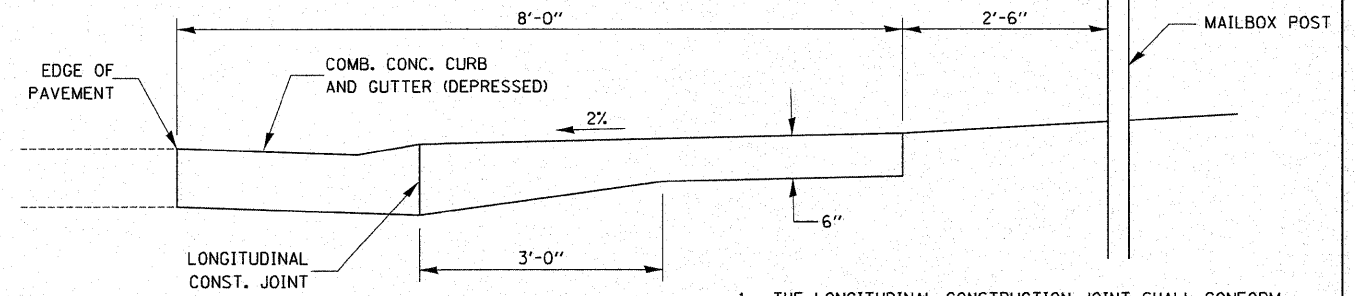
NOTE:
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL.

HMA DETAIL AT BUTT JOINTS

406-8

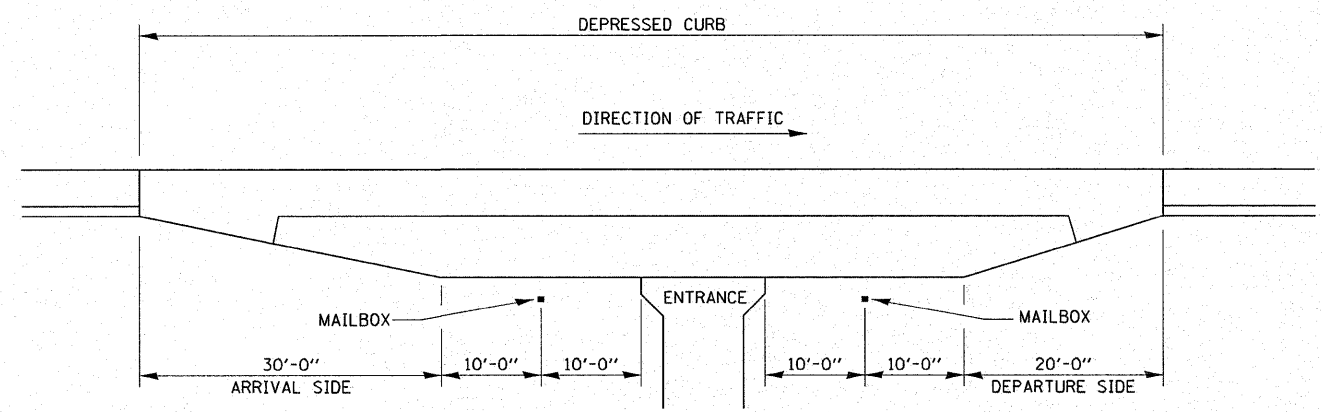
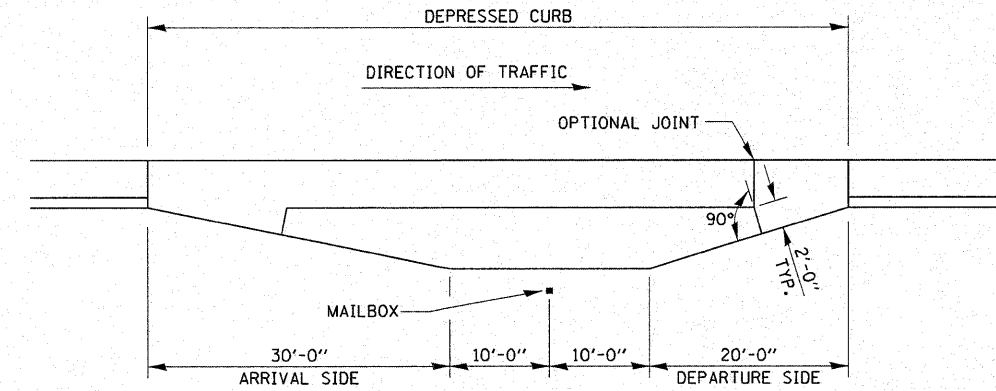


406-11



TYPICAL CROSS SECTION

1. THE LONGITUDINAL CONSTRUCTION JOINT SHALL CONFORM TO SECTION 420.05 OF THE STANDARD SPECIFICATIONS.
2. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR P.C. CONCRETE DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED ON THE PLANS WHICH PRICE SHALL INCLUDE THE LONGITUDINAL CONSTRUCTION JOINT, AND THE ADDITIONAL THICKNESS REQUIRED TO TRANSITION TO THE DEPRESSED COMBINATION CONCRETE CURB AND GUTTER.
3. MAINTAIN A MINIMUM 10' TANGENT SECTION FROM EACH SIDE OF MAILBOX.



**DETAIL OF MAILBOX TURNOUT IN CURB AND GUTTER SECTION
TYPICAL INSTALLATION**

406-14

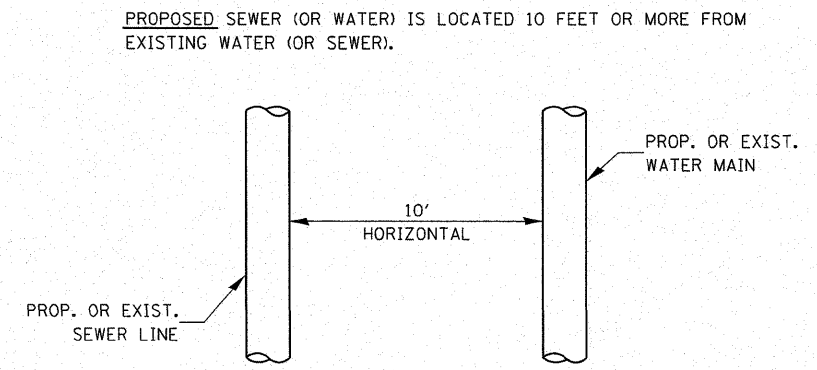
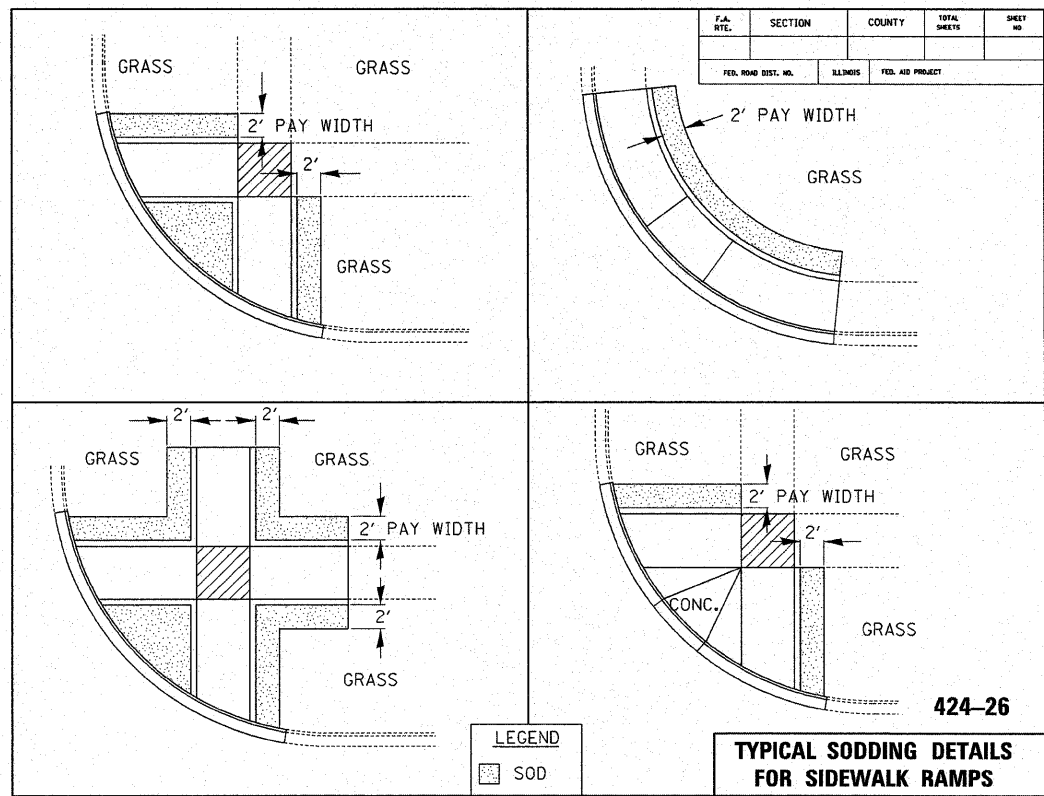
MAILBOX TURNOUT WITH URBAN TYPICAL

FILE NAME =	USER NAME = I00TCA0	DESIGNED - SPF	REVISED -
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PLOT DATE = 9/21/2009		DATE - 09/25/09	REVISED -

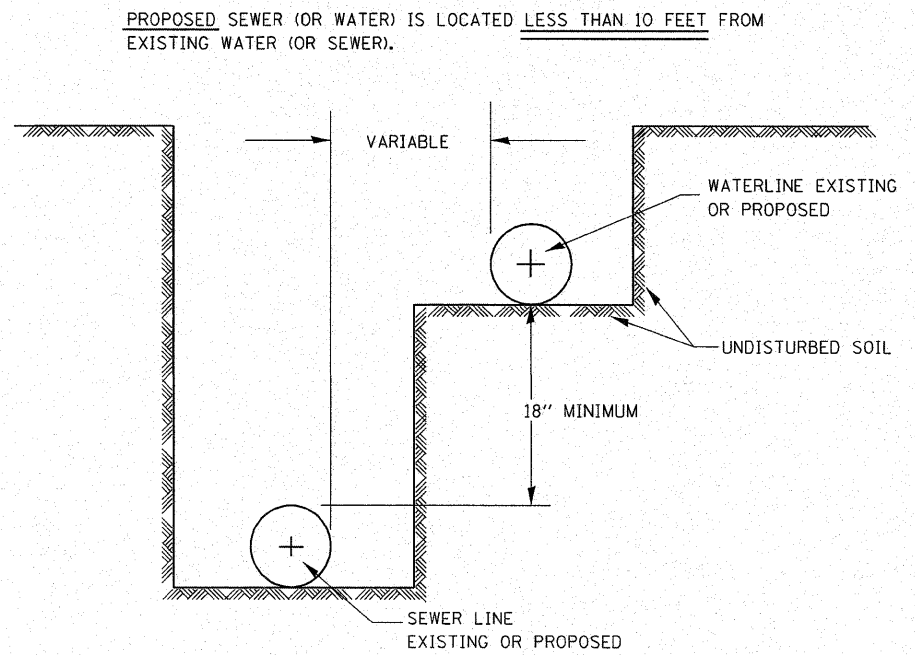
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS	
SCALE:	SHEET NO. 01 OF 09 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 66532				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

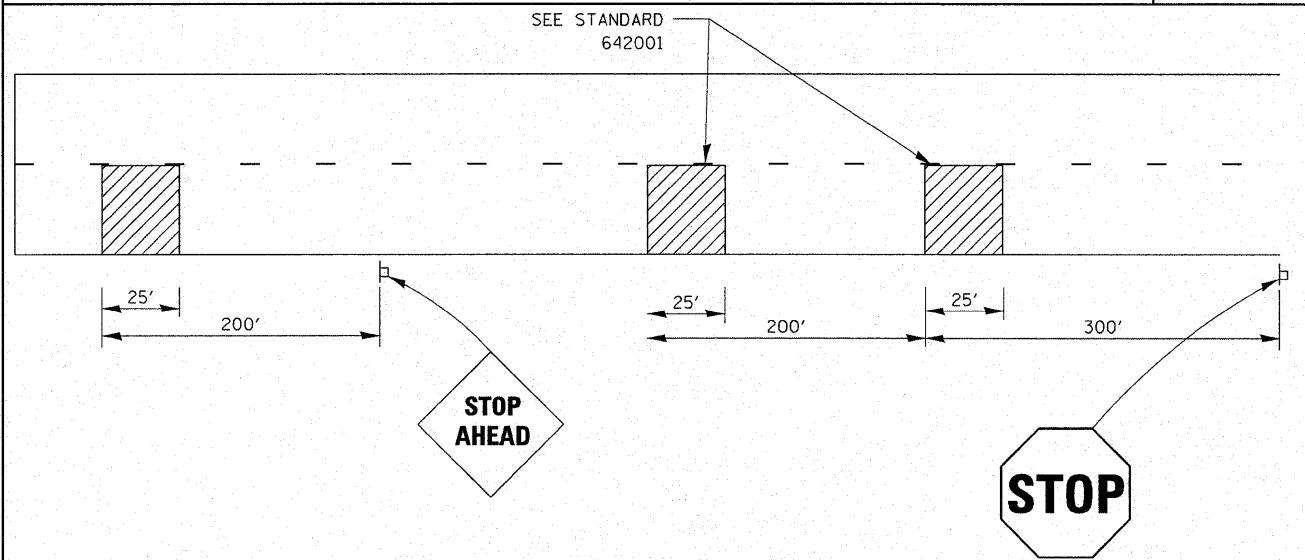


PLAN VIEW



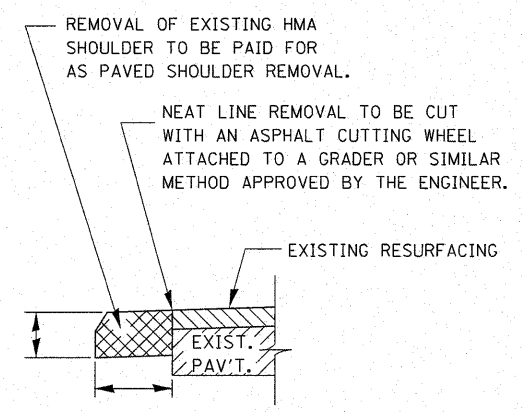
WATER AND SEWER SEPARATION REQUIREMENTS - HORIZONTAL SEPARATION

563-3



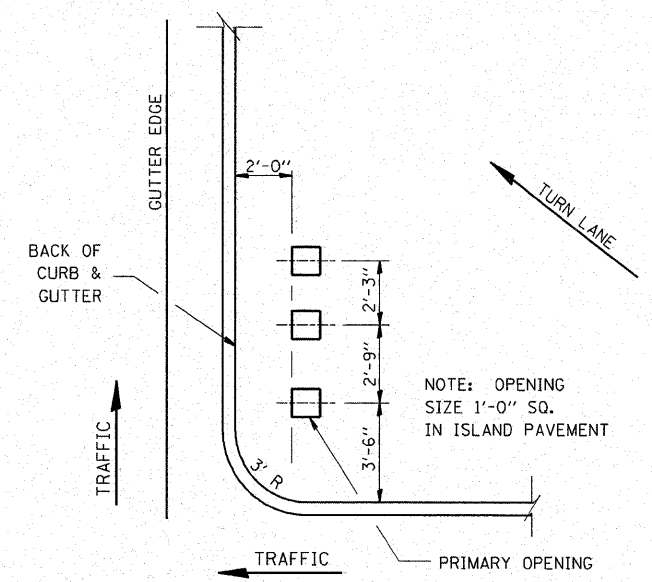
TYPICAL GROOVED RUMBLE STRIP APPLICATION IN ADVANCE OF AN INTERSECTION

440-3



REMOVAL OF EXISTING HMA SHOULDER

440-1



ISLAND SIGN POST SPACING DETAIL

NOTE: THE ENGINEER SHALL DETERMINE THE NUMBER OF OPENINGS REQUIRED.

606-2

FILE NAME =	USER NAME = IDOTCAD	DESIGNED - SPF	REVISED -
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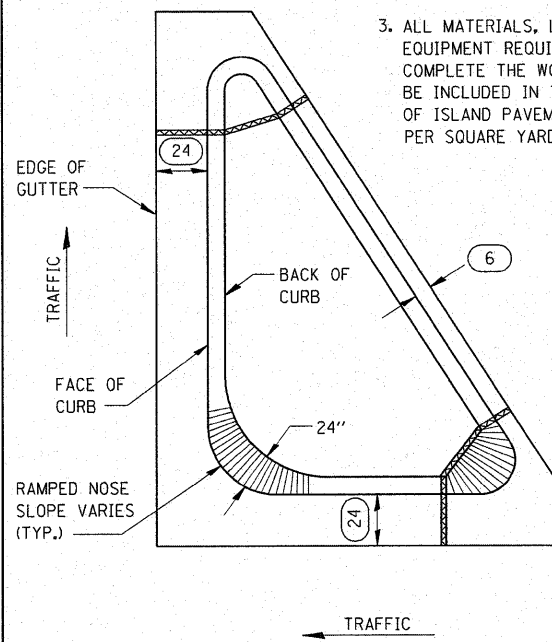
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS			
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 66532				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

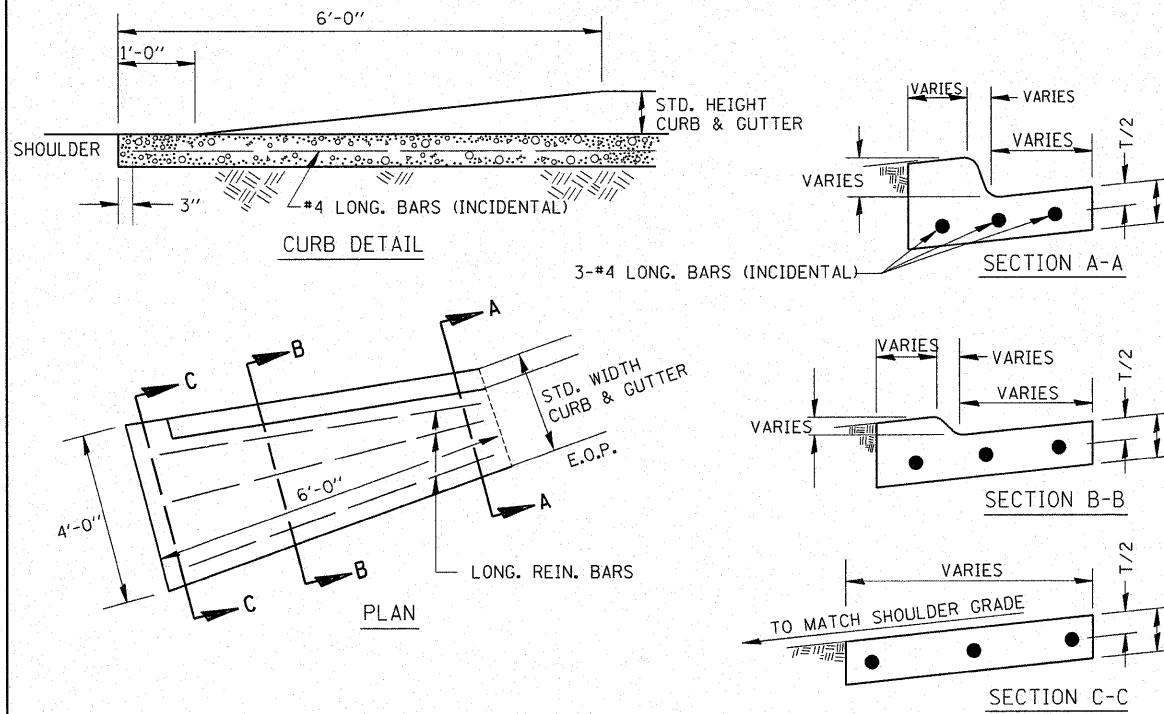
GENERAL NOTES:

1. THE CURB AND GUTTER CONFIGURATION SHALL BE M-6.
2. SEE STD. 606001 & AND 606301 FOR ADDITIONAL DETAILS.
3. ALL MATERIALS, LABOR, AND EQUIPMENT REQUIRED TO COMPLETE THE WORK SHALL BE INCLUDED IN THE COST OF ISLAND PAVEMENT (SPECIAL) PER SQUARE YARD.



ISLAND PAVEMENT (SPECIAL)

606-1



NOTE:

COST TO BE INCLUDED IN THE UNIT PRICE PER FOOT OF COMBINATAION CURB AND GUTTER OF THE TYPE SPECIFIED.

CURB & GUTTER OUTLET

606-8

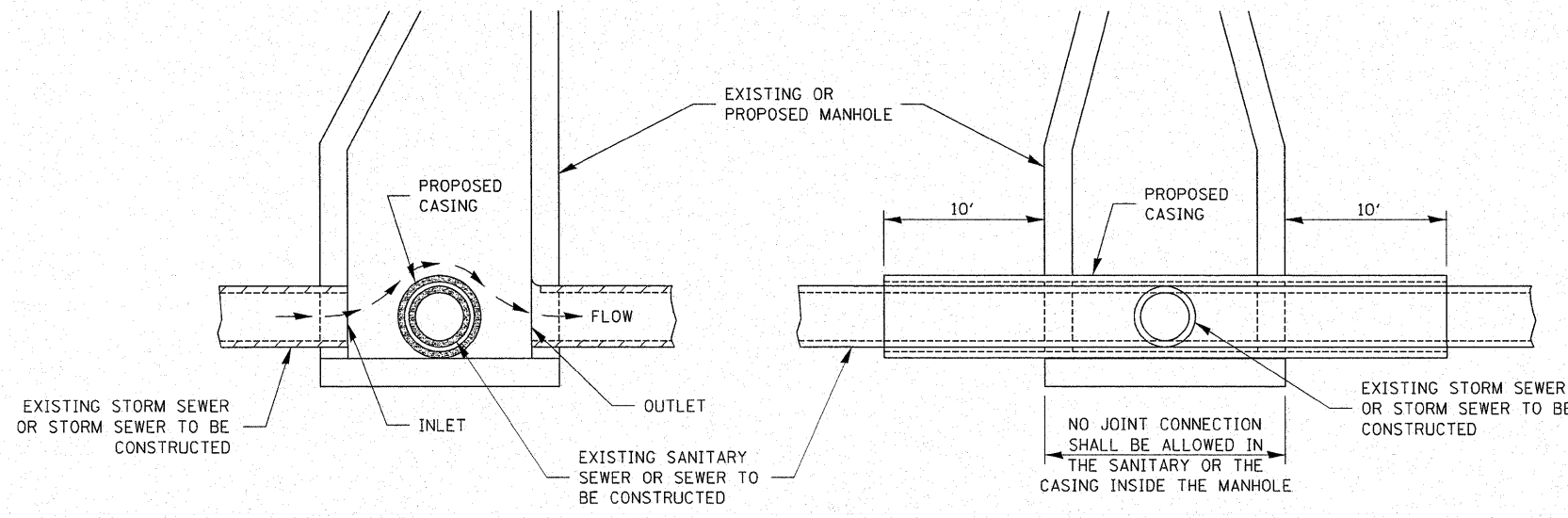
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PLOT DATE = 9/18/2009		DATE - 09/25/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS

SCALE: SHEET NO. 03 OF 09 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	114 RS-2	LIVINGSTON	63	41
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66532	

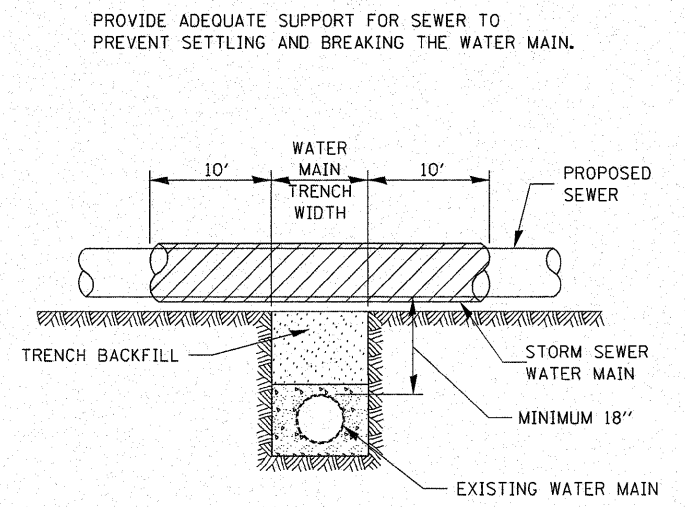


ELEVATION - ECCENTRIC

ELEVATION - CONCENTRIC

**AT GRADE CROSSING OF
SANITARY AND STORM SEWER**

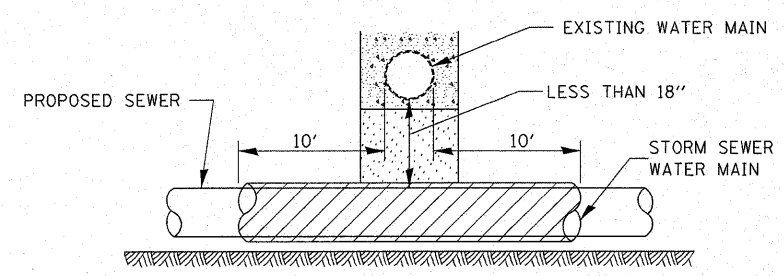
CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED



**EXISTING WATER MAIN BELOW
PROPOSED SEWER LINE WITH MINIMUM
18" VERTICAL SEPARATION**

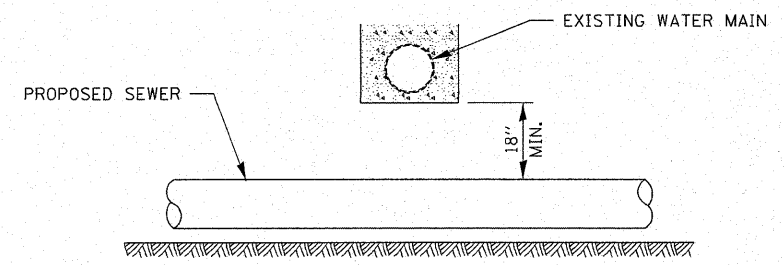
PROVIDE ADEQUATE SUPPORT FOR SEWER TO PREVENT SETTLING AND BREAKING THE WATER MAIN.

POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN
PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH



PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH

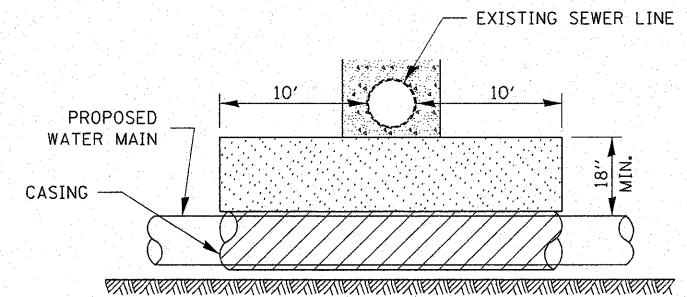
MAINTAIN 18" MINIMUM VERTICAL SEPARATION FOR 10' HORIZONTALLY



**PROPOSED SEWER LINE
BELOW EXISTING WATER MAIN**

PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT

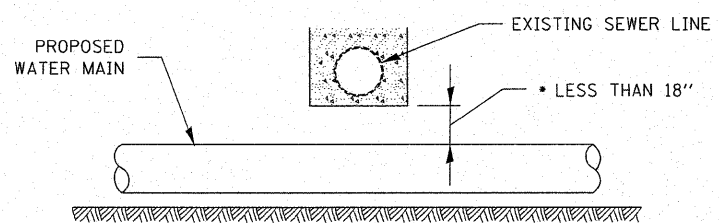
PLACE TRENCH BACKFILL FOR 10' ON EITHER SIDE OF SEWER LINE



CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH

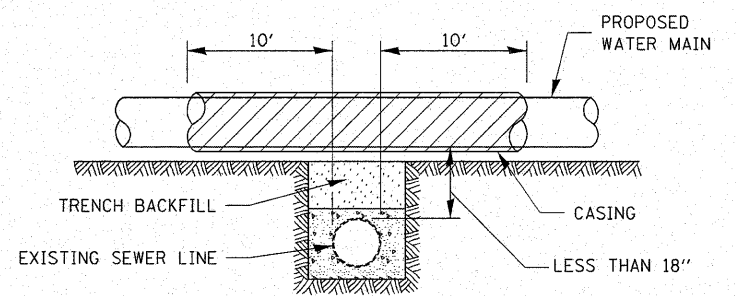
MAINTAIN 18" MINIMUM VERTICAL SEPARATION FOR 10' HORIZONTALLY



• NOT ALLOWED
MUST MAINTAIN 18" VERTICAL SEPARATION

**PROPOSED WATER MAIN
BELOW EXISTING SEWER LINE**

POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN OR WATER MAIN CASING AND SEWER



CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 50 LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

**PROPOSED WATER MAIN
ABOVE EXISTING SEWER LINE**

FILE NAME =	USER NAME = IDOTCAD	DESIGNED - SPF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SEWER AND WATER MAIN CROSSING	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
W:\2183.03-100T IL 116 Plans\DCN\Sheet Files\202300DET.dgn	DRAWN - FJS	REVISED -	681			114 RS-2	LIVINGSTON	63	43	
PLOT SCALE = 1.0000' / IN.	CHECKED - JMS	REVISED -	CONTRACT NO. 66532							
PLOT DATE = 9/18/2009	DATE - 09/25/09	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO. 05 OF 09 SHEETS	STA.	TO STA.			

LAND SECTION MARKERS

NOTES

THE REFERENCE MARKERS SHALL BE CONSTRUCTED BY POURING CLASS SI CONCRETE INTO HOLES PREPARED BY A POST HOLE DIGGER OR OTHER APPROVED METHODS. FORMS WILL NOT BE REQUIRED. PRECAST MARKERS OF THE SAME SIZE AND CONSTRUCTION MAY BE USED.

IN CULTIVATED FIELDS REFERENCE MARKERS SHALL BE PLACED TWO FEET BELOW THE GROUND SURFACE. IN FENCE LINES OR PROTECTED AREAS THE TOP SHALL BE PLACED AT GROUND LEVEL.

THE FOLLOWING WORK SHALL BE DONE UNDER THE DIRECTION OF A REGISTERED LAND SURVEYOR OF THE STATE OF ILLINOIS:

VERIFY AND TIE OFF ALL U.S. PUBLIC LAND SURVEY MONUMENTS, SHOWN IN THE PLANS, PRIOR TO CONSTRUCTION OPERATIONS. TIE POINTS SHALL BE SUFFICIENT IN NUMBER AND IN LOCATIONS AS NOT TO BE DISTURBED DURING CONSTRUCTION OPERATIONS.

AFTER CONSTRUCTION OPERATIONS ARE COMPLETE, INSTALL A PERMANENT SURVEY MARKER OF THE TYPE SPECIFIED TO REPLACE THE U.S. PUBLIC LAND SURVEY MONUMENT THAT WAS DISPLACED OR COVERED DURING CONSTRUCTION. THE LETTERING REFERRING TO THE STATE OF ILLINOIS AND DIVISION OF HIGHWAYS SHALL BE OMITTED FROM THE PERMANENT SURVEY MARKER AND THE MARKER SHALL BE MARKED AS DIRECTED BY THE ENGINEER.

SET FOUR CONCRETE REFERENCE MARKERS FOR EACH U.S. PUBLIC LAND SURVEY MONUMENT.

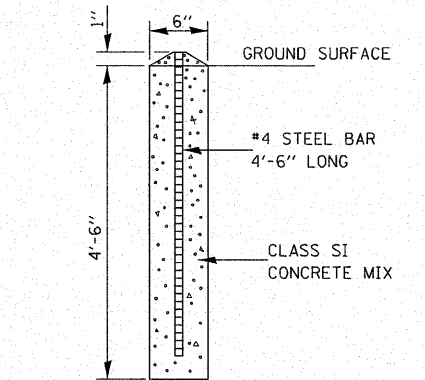
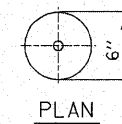
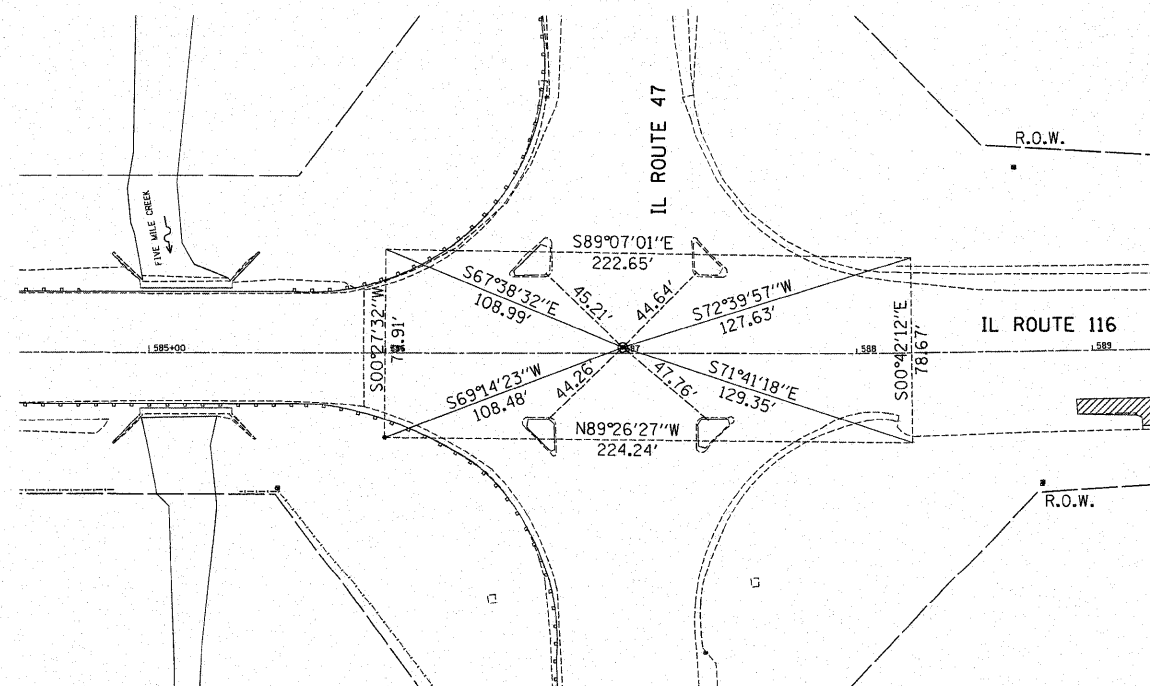
PREPARE MONUMENT RECORDS, FILE THE RECORDS AT THE COUNTY RECORDER'S OFFICE, AND PROVIDE A COPY TO THE DISTRICT OFFICE.

PERMANENT SURVEY MARKERS, OF THE TYPE SPECIFIED

SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, EACH, WHICH WILL BE PAYMENT IN FULL FOR FURNISHING, INSTALLING AND MARKING SAID MARKERS.

LAND SECTION MARKERS

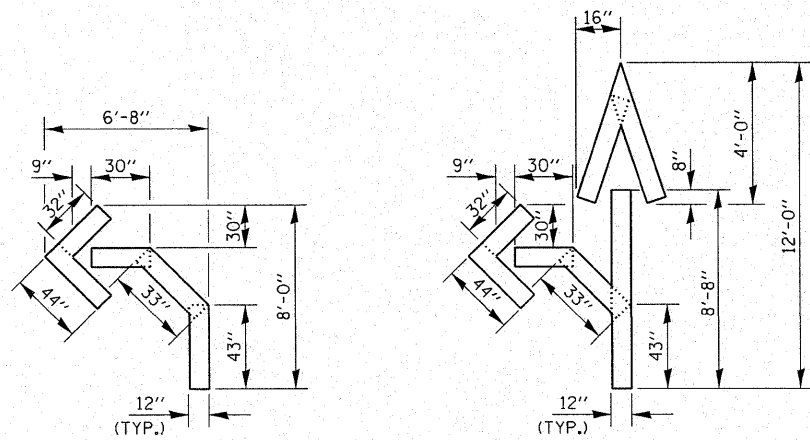
SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, EACH, WHICH WILL BE PAYMENT IN FULL FOR SETTING TIE POINTS, SETTING FOUR CONCRETE REFERENCE MARKERS, PREPARING MONUMENT RECORDS, RECORDING AT COUNTY RECORDER'S OFFICE AND PROVIDING A COPY TO THE DISTRICT OFFICE.



SECTION
CONCRETE REFERENCE MARKER

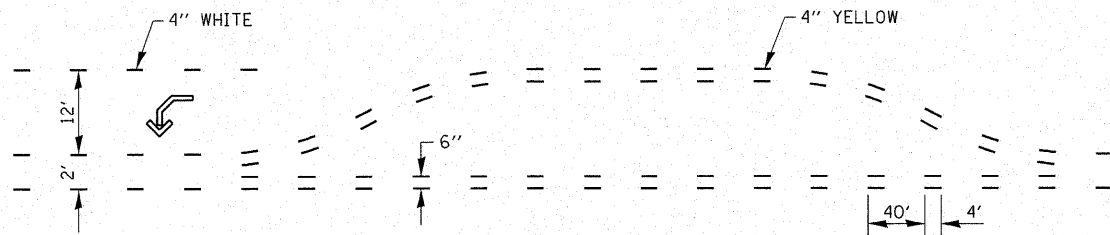
667-1

FILE NAME =	USER NAME = IDOTCAD	DESIGNED - SPF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = 9/18/2009	DATE - 09/25/09	REVIS	REVIS										



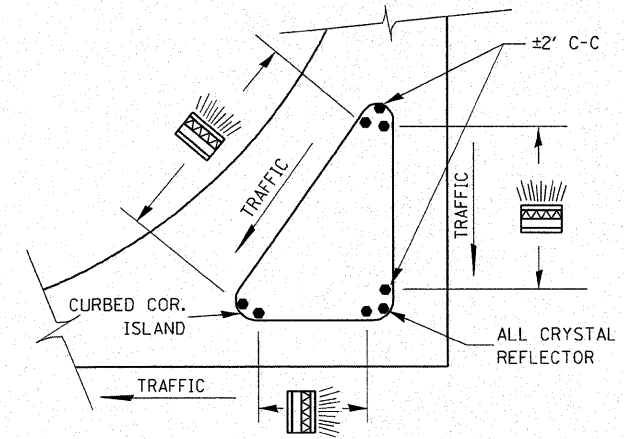
QUANTITY
12" LINE = 16 LIN. FT.
OR 4" LINE = 48 LIN. FT.

QUANTITY
12" LINE = 29 LIN. FT.
OR 4" LINE = 87 LIN. FT.



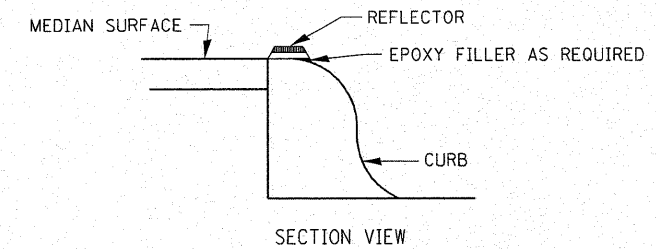
SHORT-TERM PAVEMENT MARKING FOR MEDIANS AND ARROWS

703-1



PRISMATIC REFLECTORS

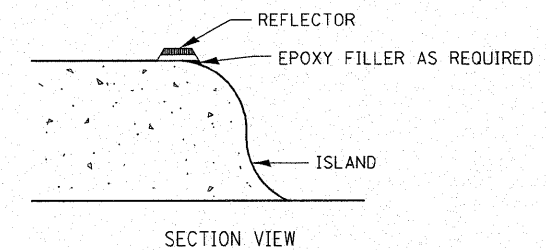
782-2



NOTES

1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
3. PRISMATIC REFLECTORS SHALL BE EITHER AMBER OR CRYSTAL IN COLOR.

OPTION 1

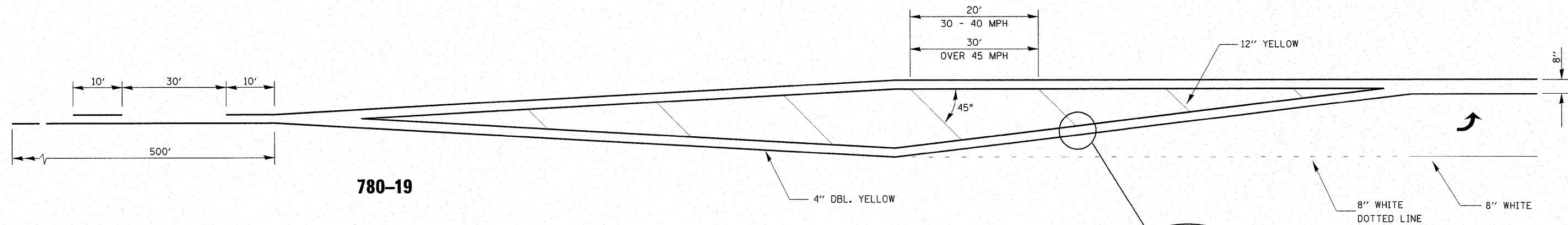


NOTES

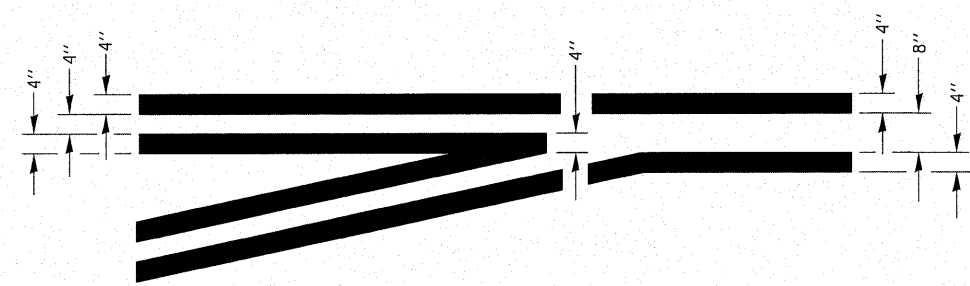
1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
3. PRISMATIC REFLECTORS SHALL BE EITHER AMBER OR CRYSTAL IN COLOR.

OPTION 2

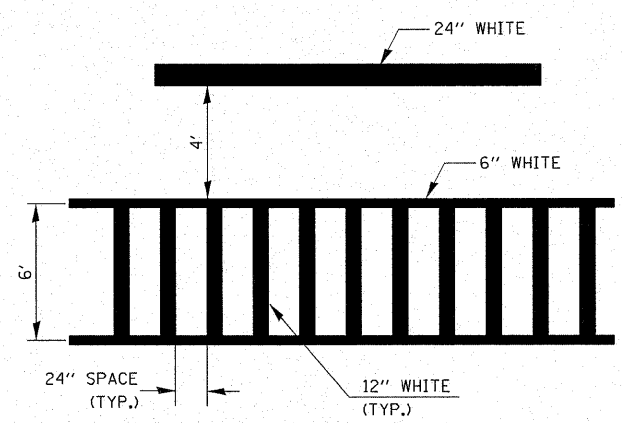
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PLOT SCALE = 1:0000' / IN.	CHECKED - JMS	REVISED -	REVISED -		TO STA.			CONTRACT NO. 66532				
PLOT DATE = 9/18/2009	DATE - 09/25/09	REVISED -	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



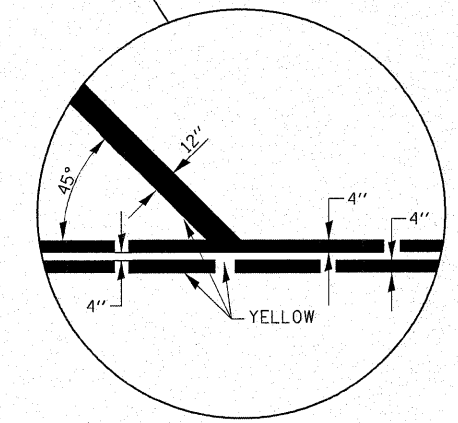
780-19



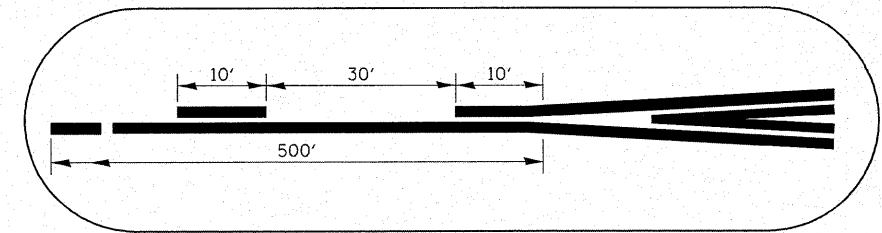
**TYPICAL APPLICATION
@ LEFT TURN LANES
780-1**



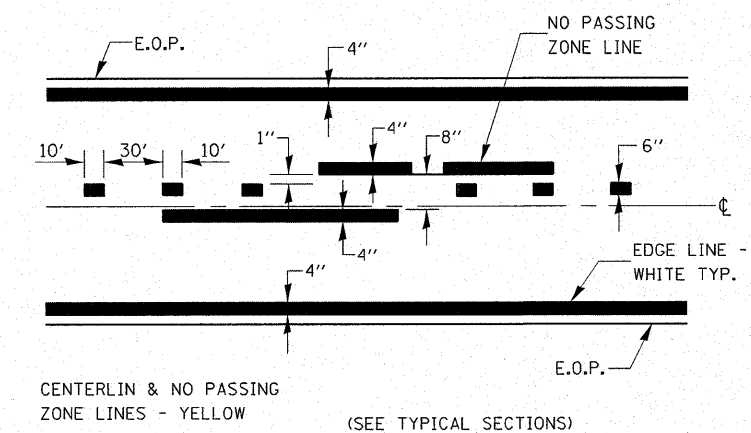
**TYPICAL SPACING DETAIL FOR
CROSSWALKS AND STOP BARS
780-3
OPTION 2**



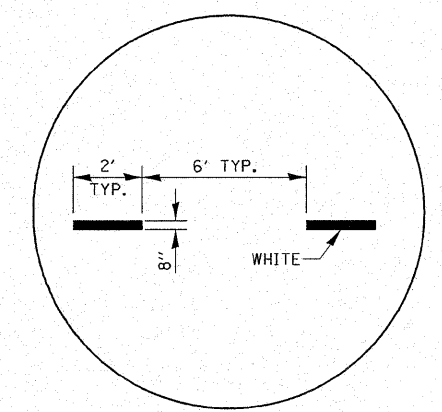
780-4



780-7



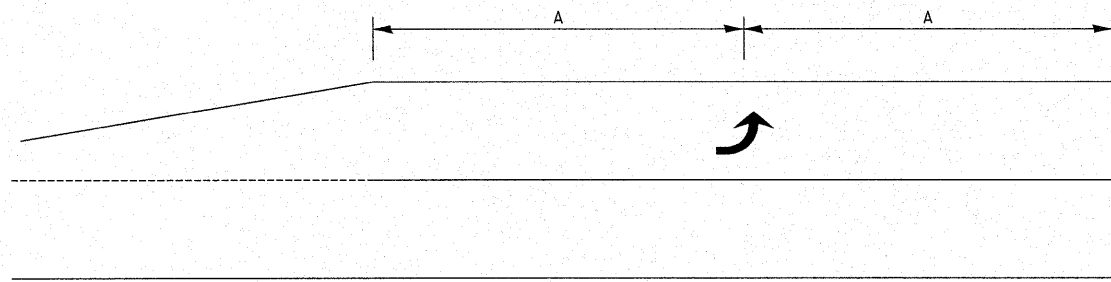
PAVEMENT MARKING



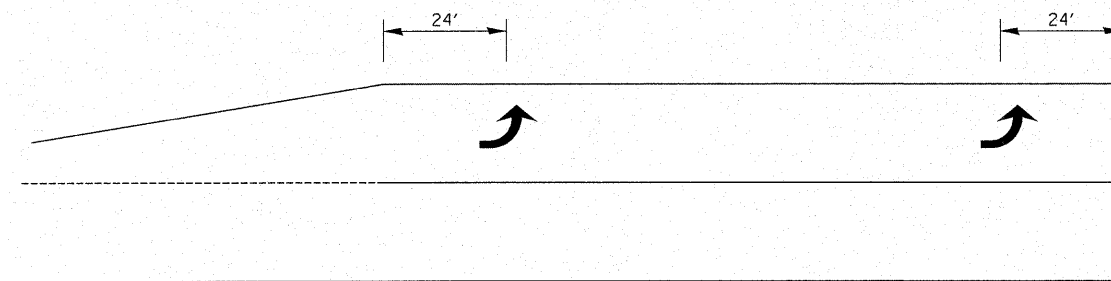
**ADVANCE AND INTERSECTION LANE
DIVIDER LINES
780-5**

780-8

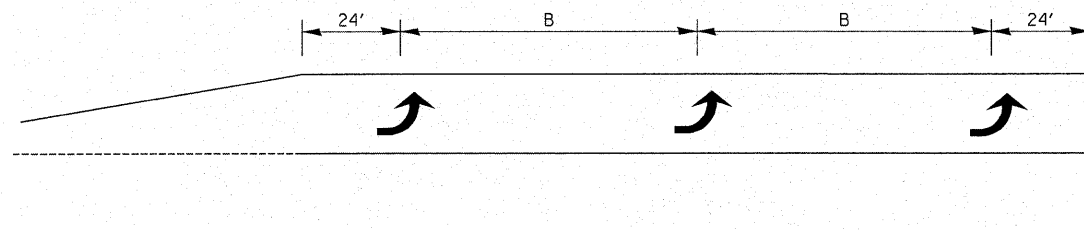
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				SCALE:	SHEET NO. 08 OF 09 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



99' AND UNDER



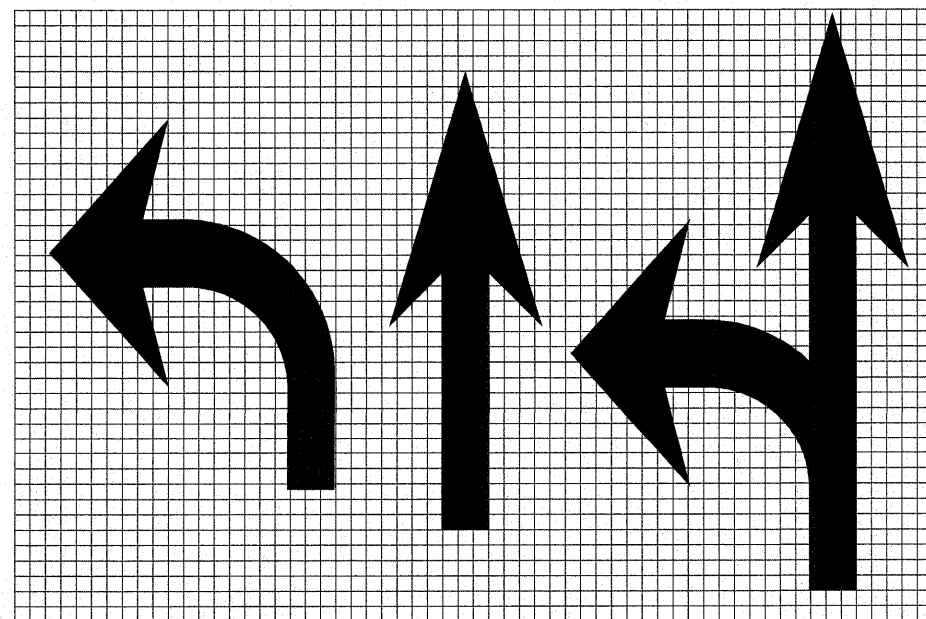
100' TO 149'



150' AND LONGER

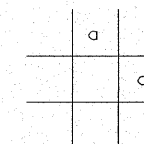
**TYPICAL PLACEMENT OF ARROWS
IN TURN LANES**

780-10



LETTER AND ARROW GRID SCALE 780-20

**NOTE: USE 8' LARGE
ARROW SIZE**



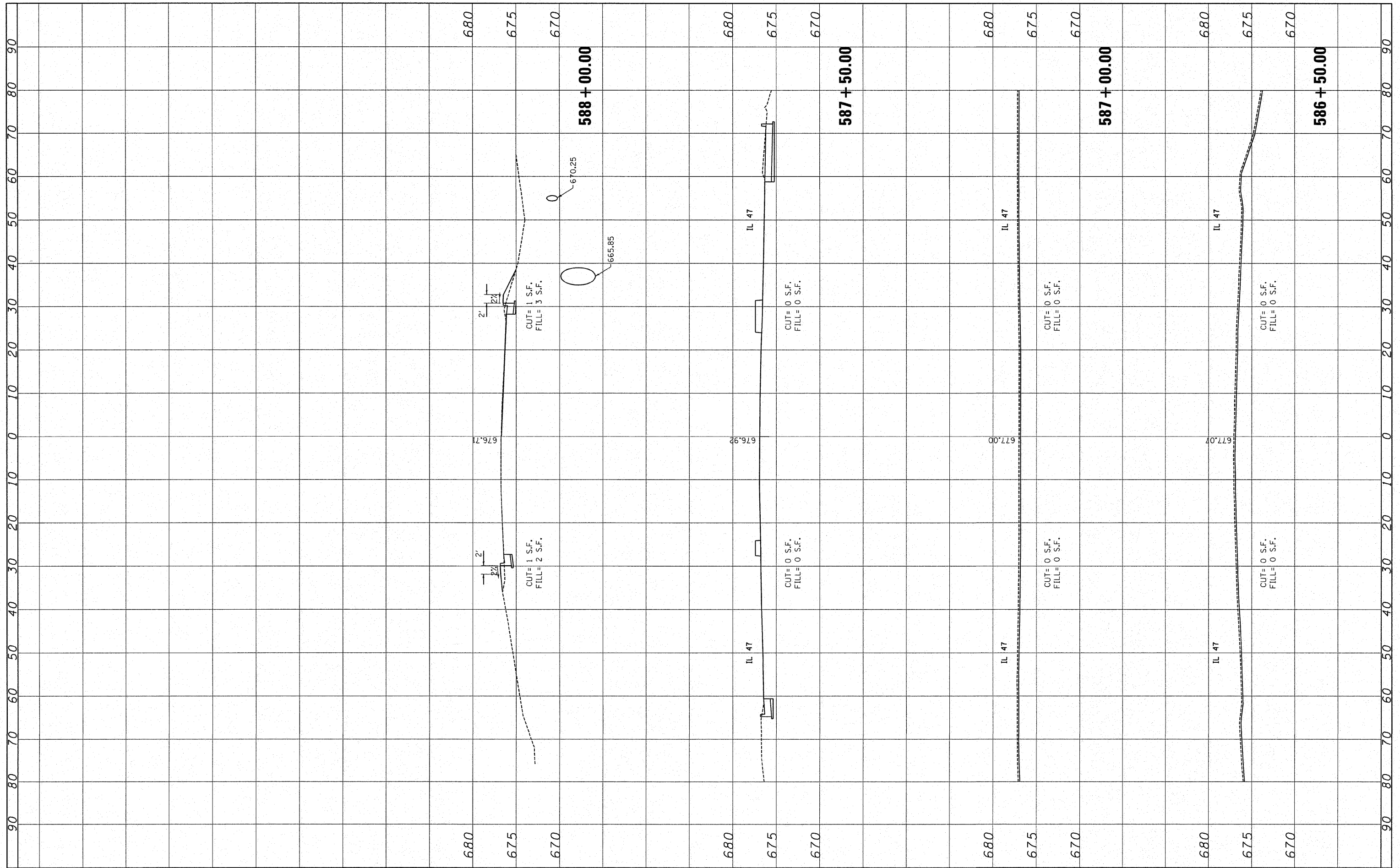
LEGEND HEIGHT	ARROW SIZE	SPACING
6'	SMALL	2.9
8'	LARGE	3.8

THE SPACE BETWEEN ADJACENT LETTERS OR NUMERALS SHOULD BE APPROXIMATELY 3 FOR 6' LEGEND AND 4' FOR 8' LEGEND.

FILE NAME = W:\2183.03-100T IL 116 Plans\DCM\Sheet Files\202300DET.dgn	USER NAME = IDOTCAD	DESIGNED - SPF	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS			F.A.P. RTE. 681	SECTION 114 RS-2	COUNTY LIVINGSTON	TOTAL SHEETS 63	SHEET NO. 47
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PLOT DATE = 9/18/2009	DATE - 09/25/09	CHECKED - JMS	REVISIONS -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE - 09/25/09	REVISIONS -									

FINAL	SURVEYED	DATE
SURVEY	BY	
NOTE BOOK	NO.	
AREAS CHECKED		

ORIGINAL	SURVEYED	DATE
SURVEY	BY	
NOTE BOOK	NO.	
AREAS CHECKED		



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USER NAME = IDOTCAD
 DESIGNED - SPF
 DRAWN - AJP
 CHECKED - JMS
 DATE - 09/25/09

REVISOR -
 REVISION -
 REVISION -
 REVISION -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

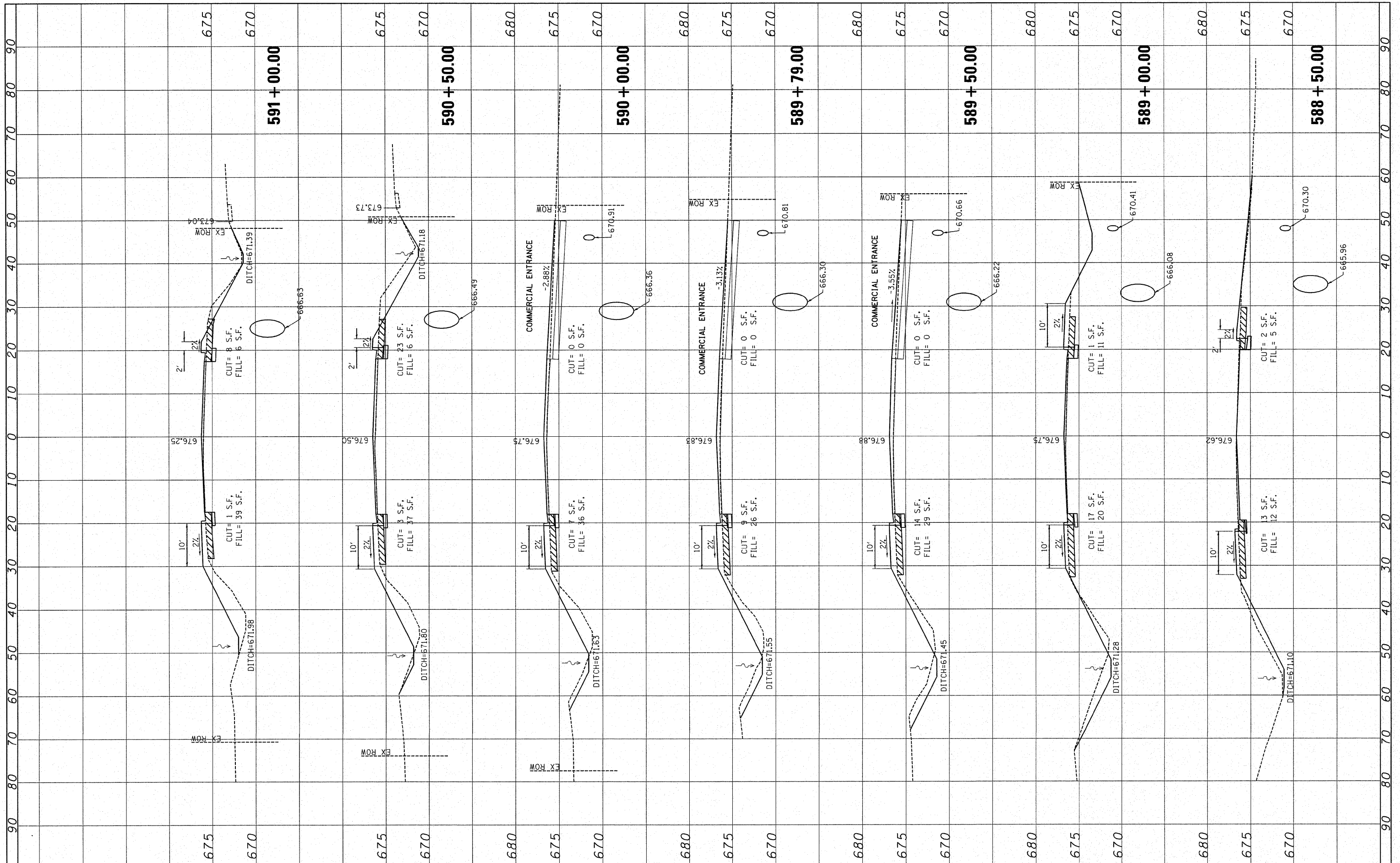
CROSS SECTIONS

SCALE: 10H 5V SHEET NO. 01 OF 16 SHEETS STA. 586+50 TO STA. 587+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	114 RS-2	LIVINGSTON	61	48
CONTRACT NO. 66532				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	TEMPLATE		
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 DESIGNED - SPF
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 CHECKED - JMS
 DATE - 09/25/09
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 PLOT DATE = 9/18/2009 10:46:11 AM

REVISIONS
 REVISED -
 REVISED -
 REVISED -
 REVISED -

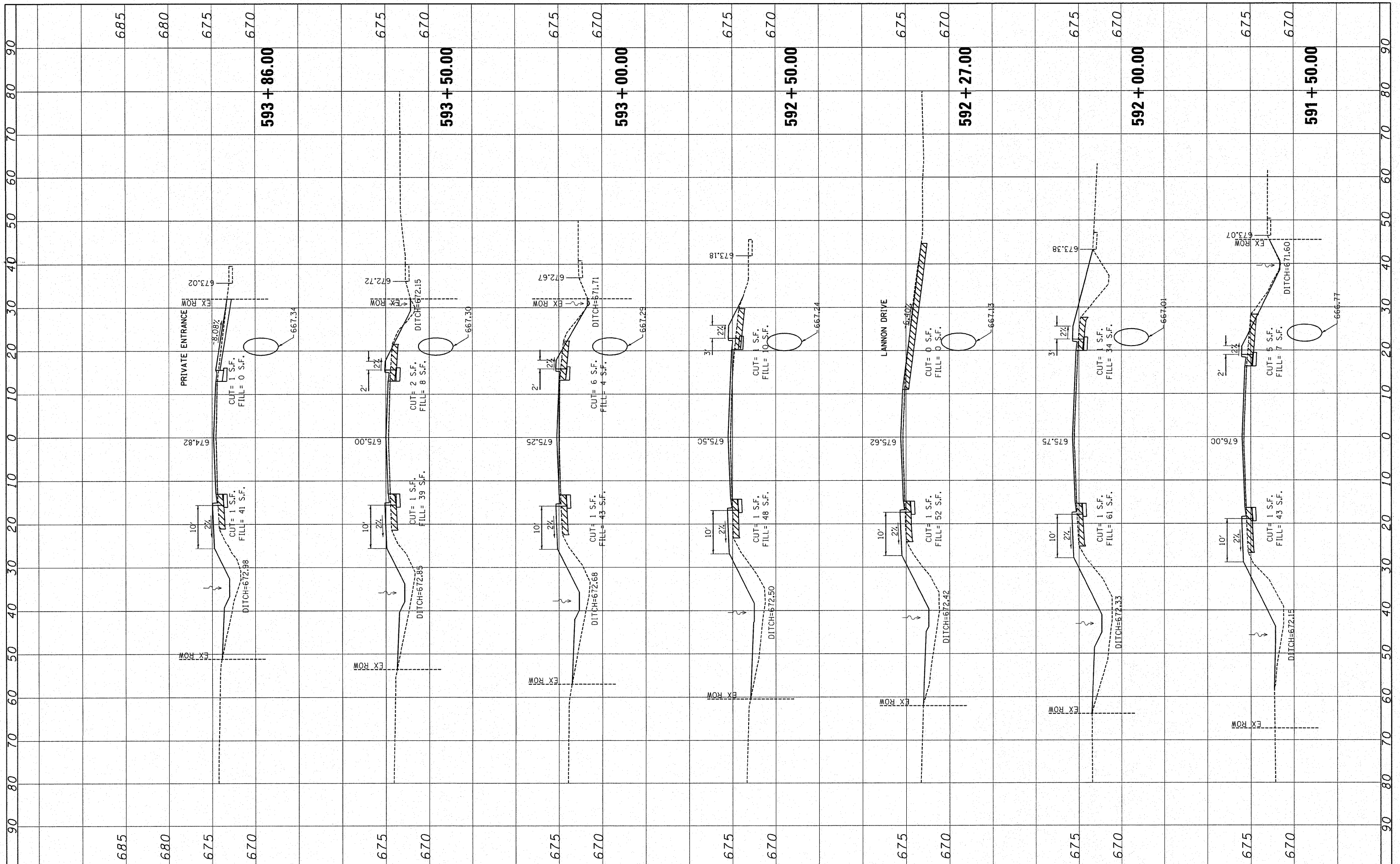
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS
 SCALE: 10H 5V
 SHEET NO. 02 OF 16 SHEETS
 STA. 588+00.00 TO STA. 591+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	114 RS-2	LIVINGSTON	63	49
CONTRACT NO. 66532				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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



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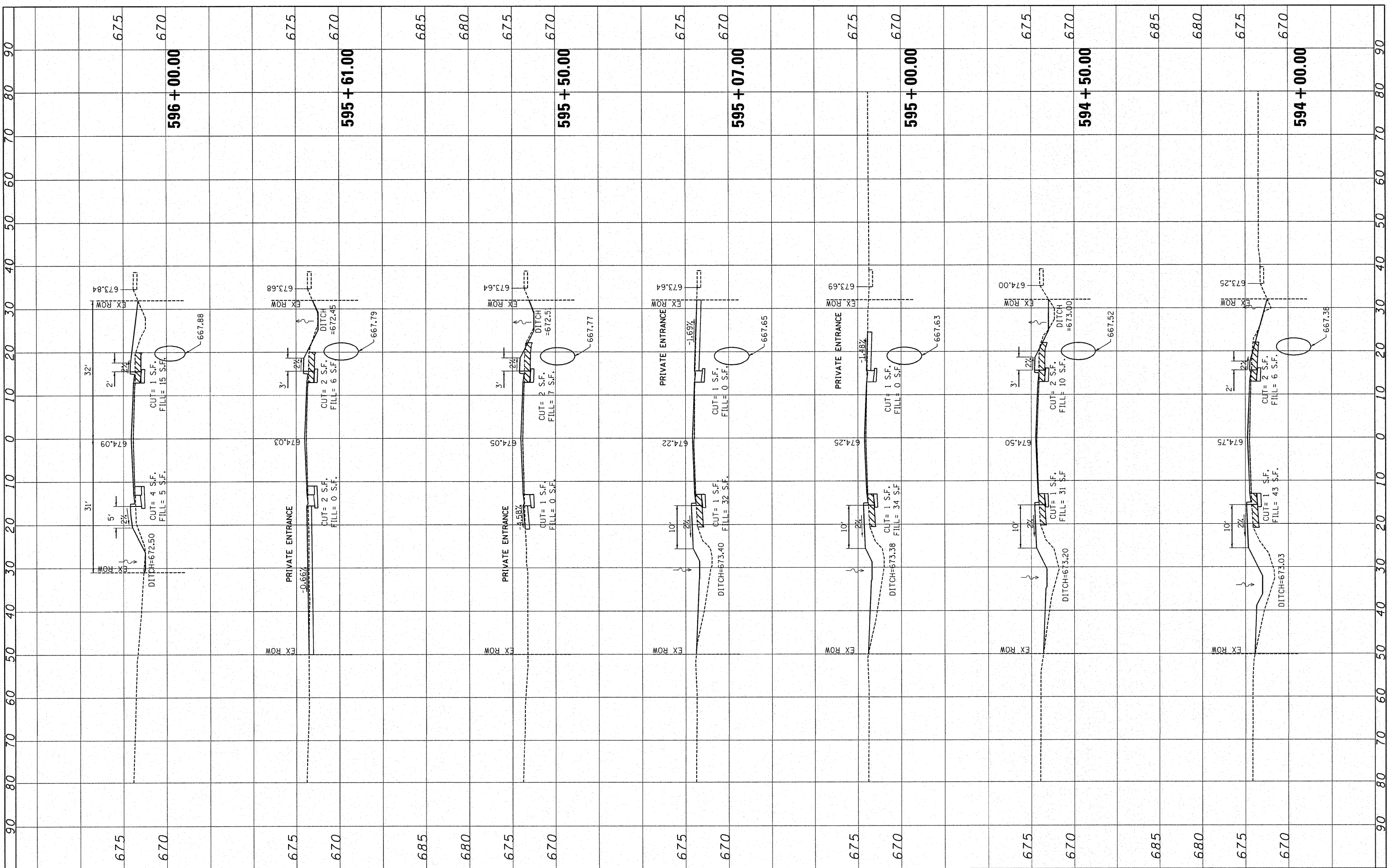
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
SCALE: 10H 5V	SHEET NO. 03 OF 16 SHEETS
STA. 591+50.00	TO STA. 593+86.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	114 RS-2	LIVINGSTON	63	50
CONTRACT NO. 66532				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

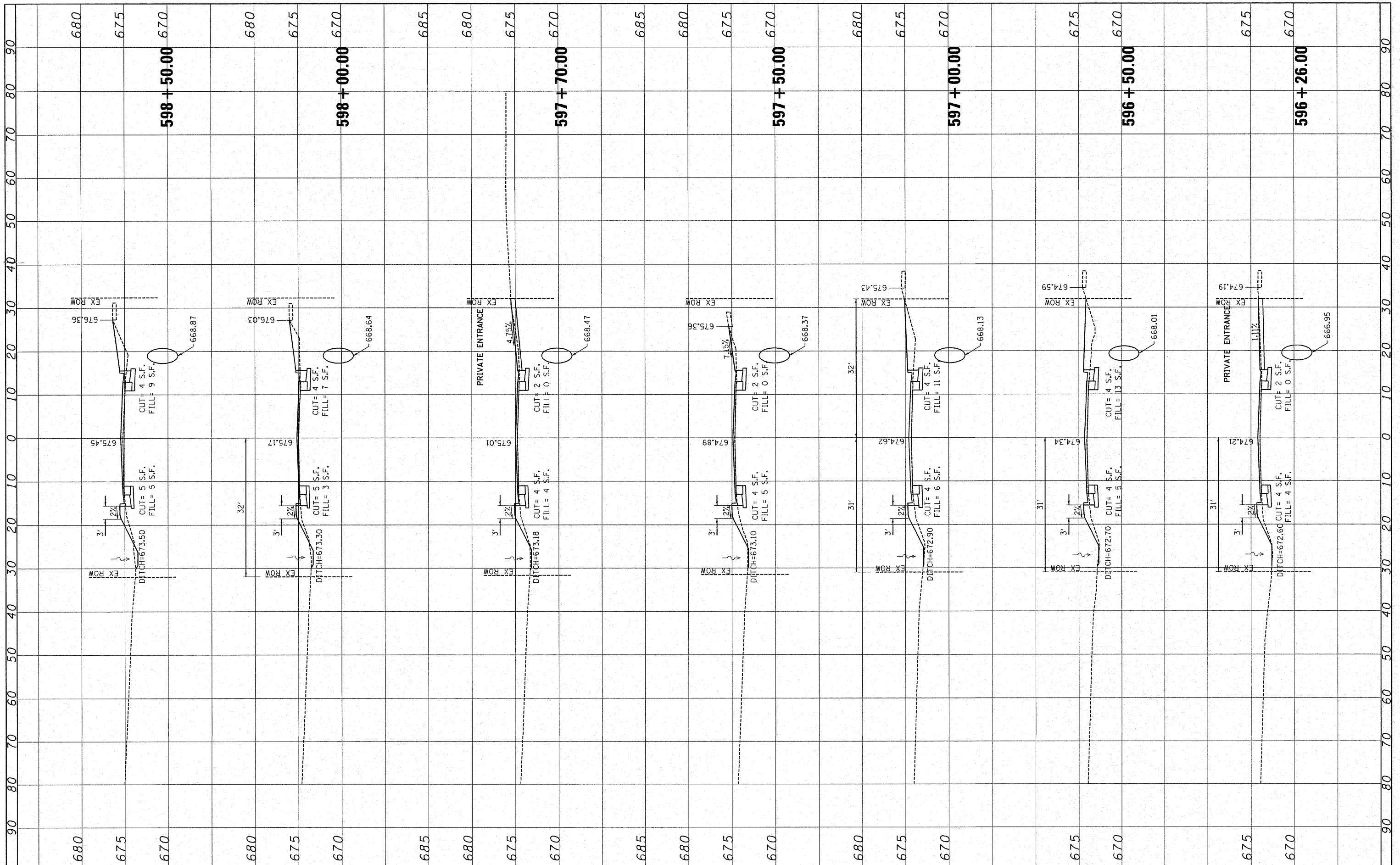
CROSS SECTIONS

SCALE: 10H 5V SHEET NO. 04 OF 16 SHEETS STA. 594+00.00 TO STA. 596+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	114 RS-2	LIVINGSTON	63	51
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
CONTRACT NO. 66532				

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

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



FILE NAME =	USER NAME = IDOTCAD	DESIGNED - SPF	REVISED -
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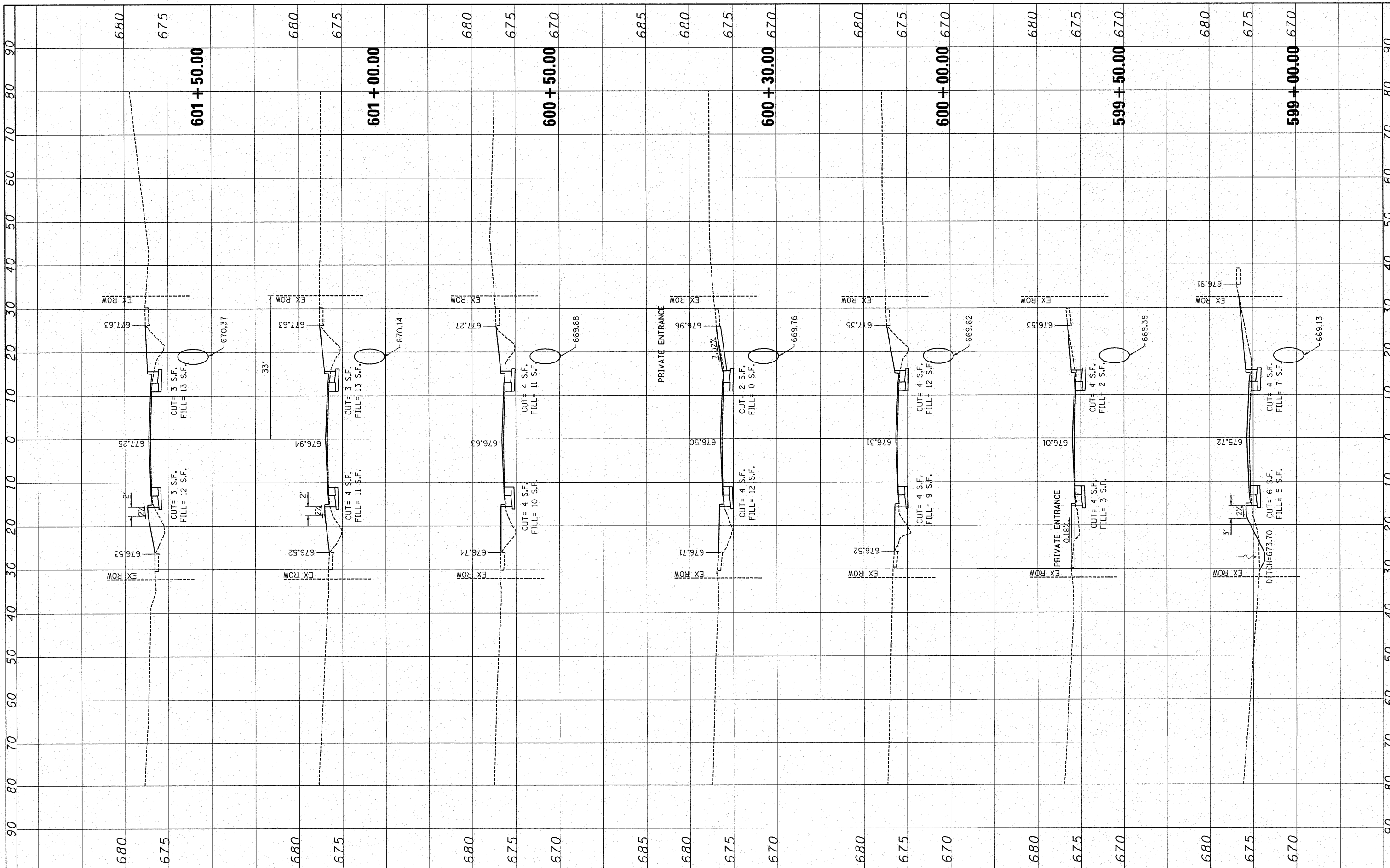
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
SCALE: 10H 5V	SHEET NO. 05 OF 16 SHEETS
STA. 596+26.00 TO STA. 598+50.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	114 RS-2	LIVINGSTON	63	52
CONTRACT NO. 66532				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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



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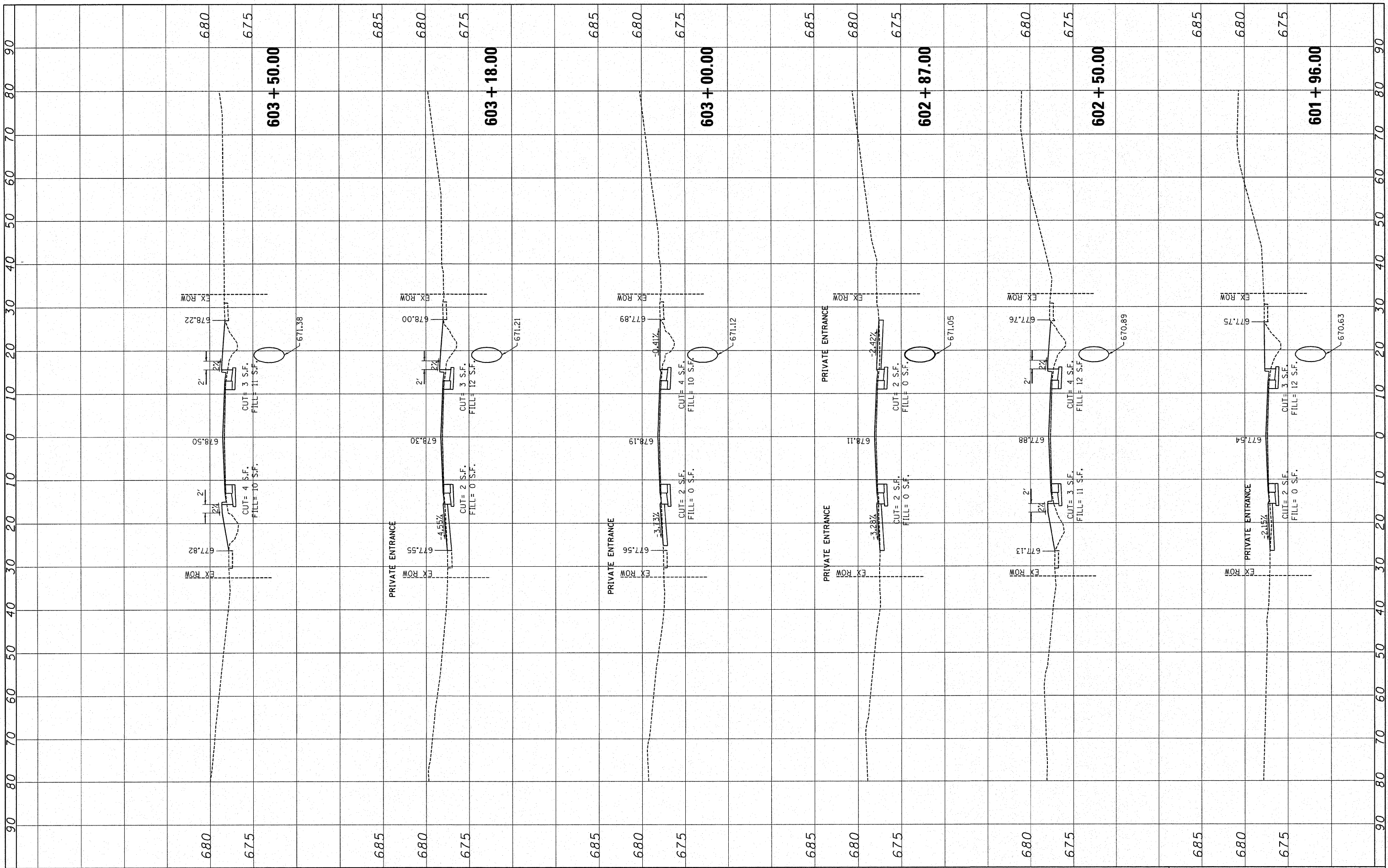
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS			
SCALE: 10H 5V	SHEET NO. 06 OF 15 SHEETS	STA. 599+00.00 TO STA. 601+50.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	114 RS-2	LIVINGSTON	63	53
CONTRACT NO. 66532				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =	USER NAME = IDOTCAD	DESIGNED - SPF	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

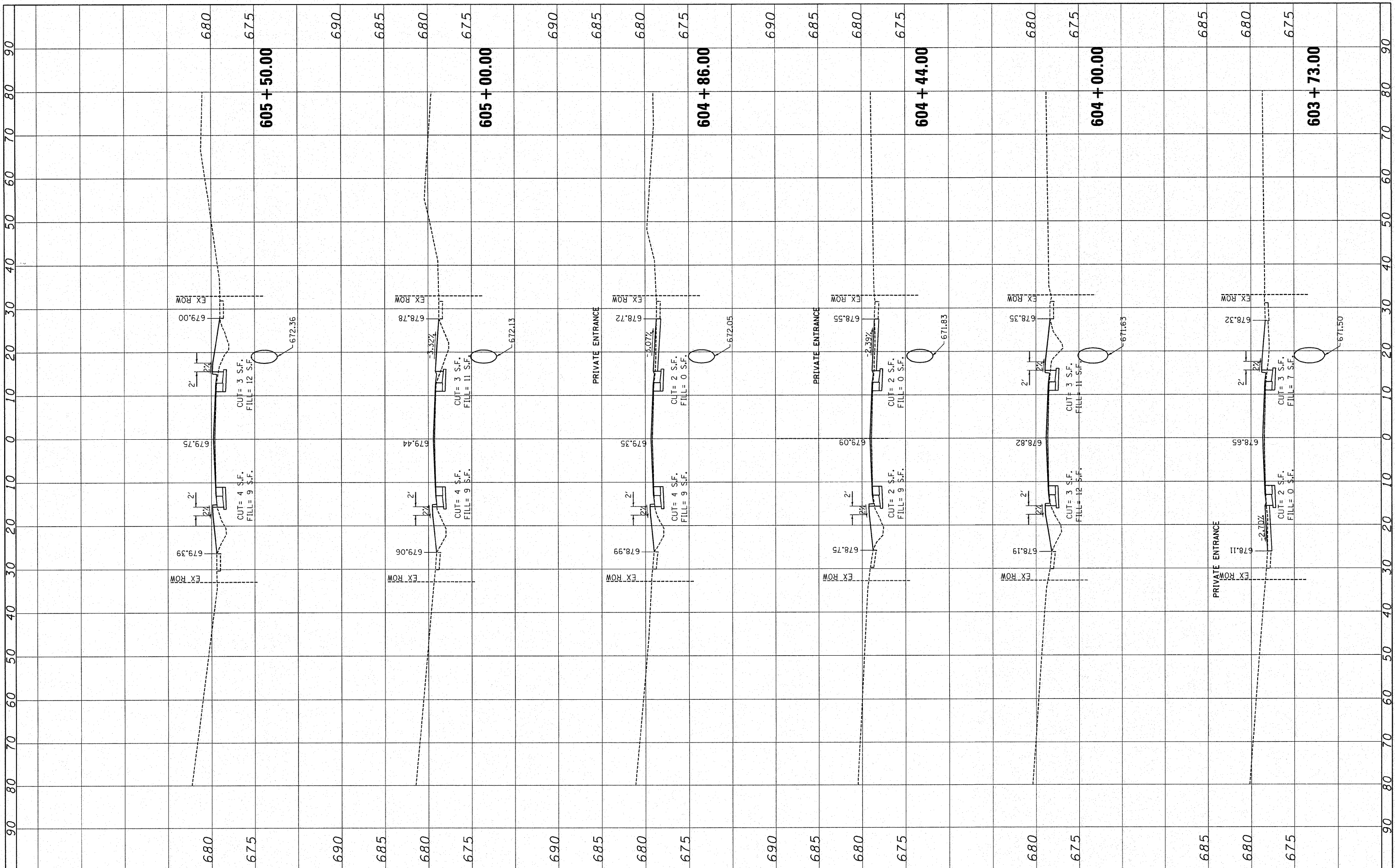
CROSS SECTIONS

SCALE: 10H 5V SHEET NO. 07 OF 15 SHEETS STA. 601+96.00 TO STA. 603+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	114 RS-2	LIVINGSTON	63	54
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66532	

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

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



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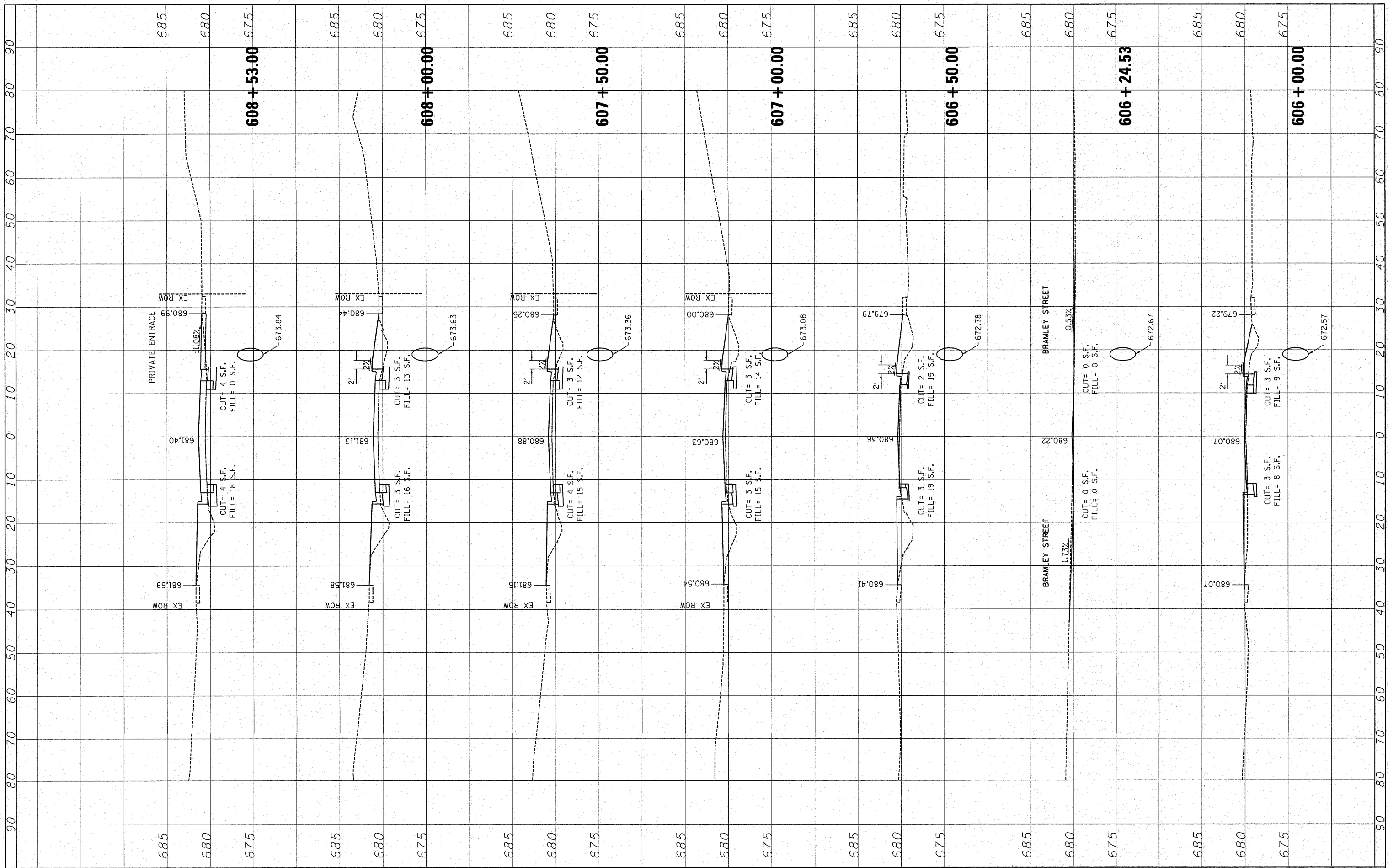
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
SCALE: 10H 5V	SHEET NO. 08 OF 16 SHEETS STA. 603+73.00 TO STA. 605+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	114 RS-2	LIVINGSTON	63	55
CONTRACT NO. 66532				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

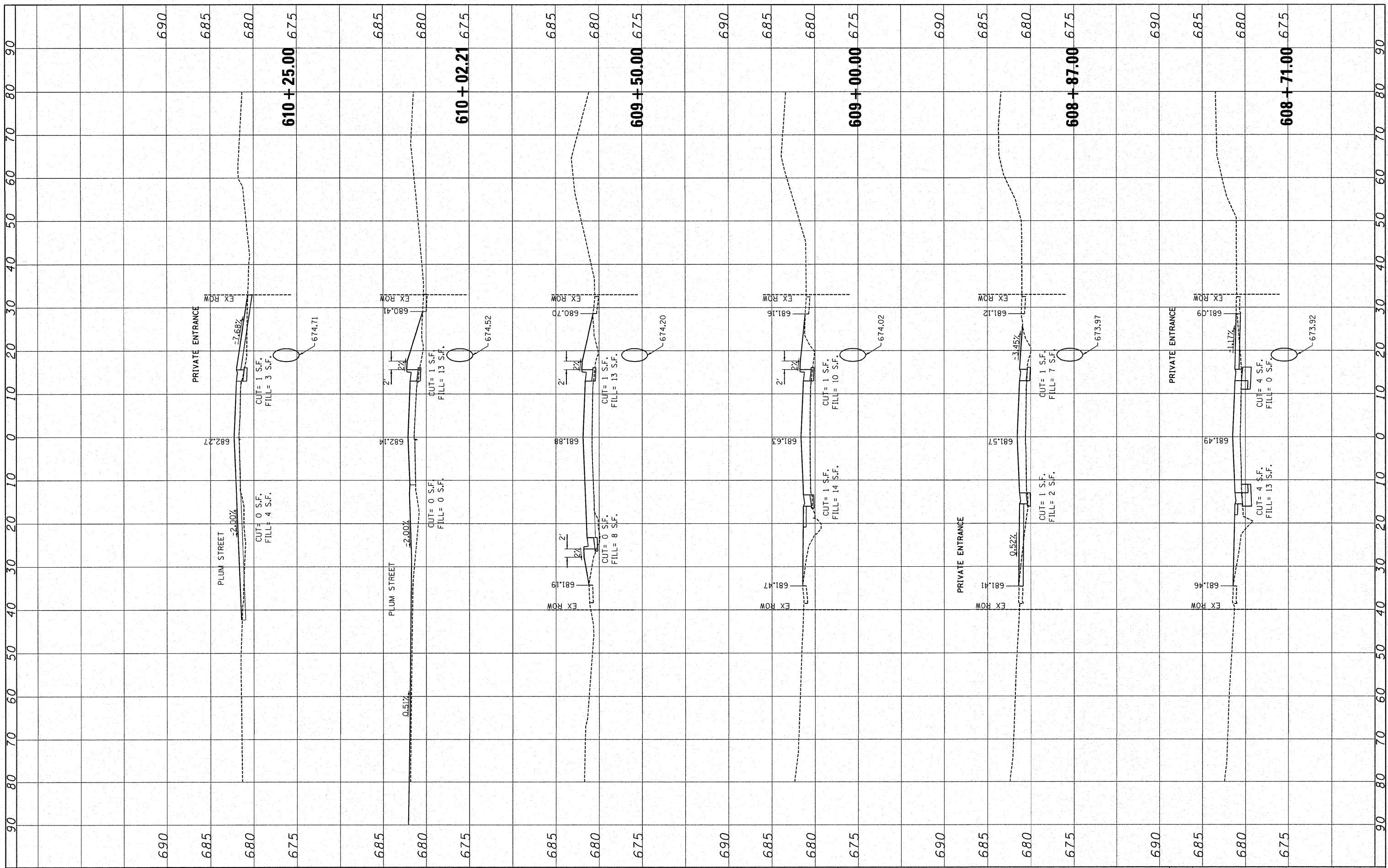
CROSS SECTIONS

SCALE: 10H 5V SHEET NO. 09 OF 16 SHEETS STA. 606+00.00 TO STA. 608+53.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	114 RS-2	LIVINGSTON	63	56
CONTRACT NO. 66532				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

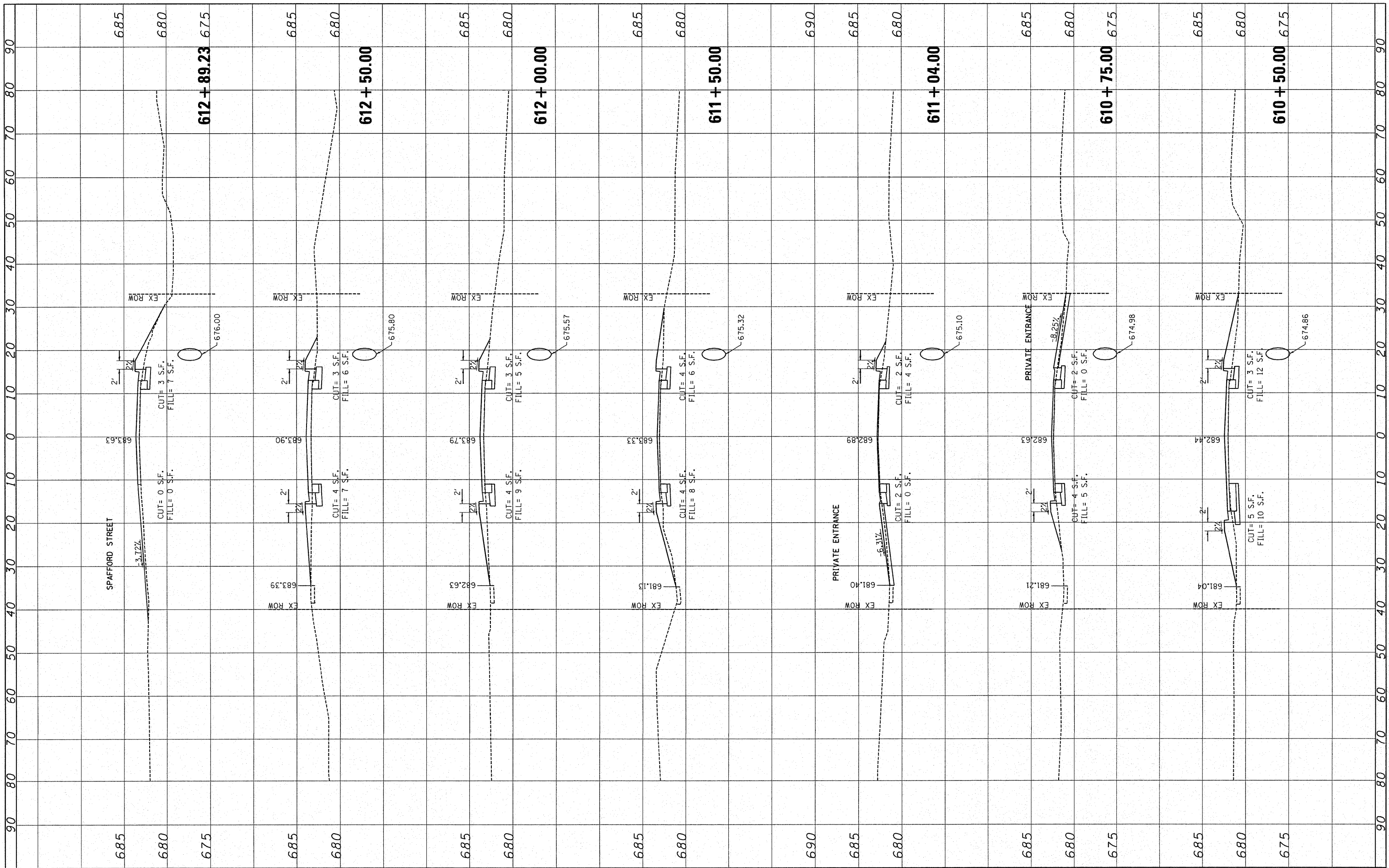
CROSS SECTIONS

SCALE: 10H 5V SHEET NO. 10 OF 16 SHEETS STA. 608+71.00 TO STA. 610+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	114 RS-2	LIVINGSTON	63	57
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 66532				

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

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



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REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

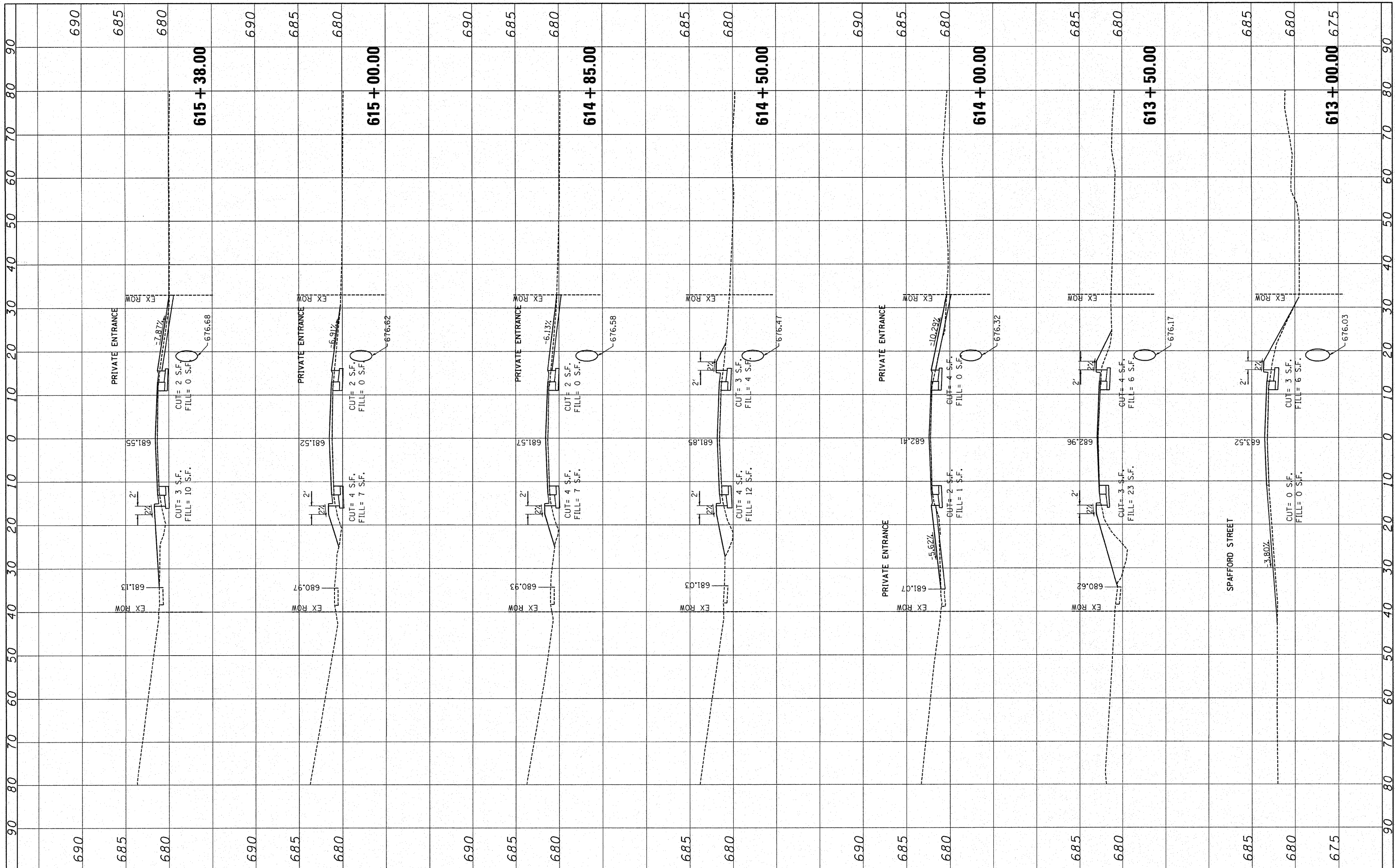
CROSS SECTIONS

SCALE: 10H 5V SHEET NO. 11 OF 16 SHEETS STA. 610+50.00 TO STA. 612+89.23

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	114 RS-2	LIVINGSTON	63	58
				CONTRACT NO. 66532
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =	USER NAME = IDOTCAD	DESIGNED - SPF	REVISED -
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		CHECKED - JMS	REVISED -
		DATE - 09/25/09	REVISED -

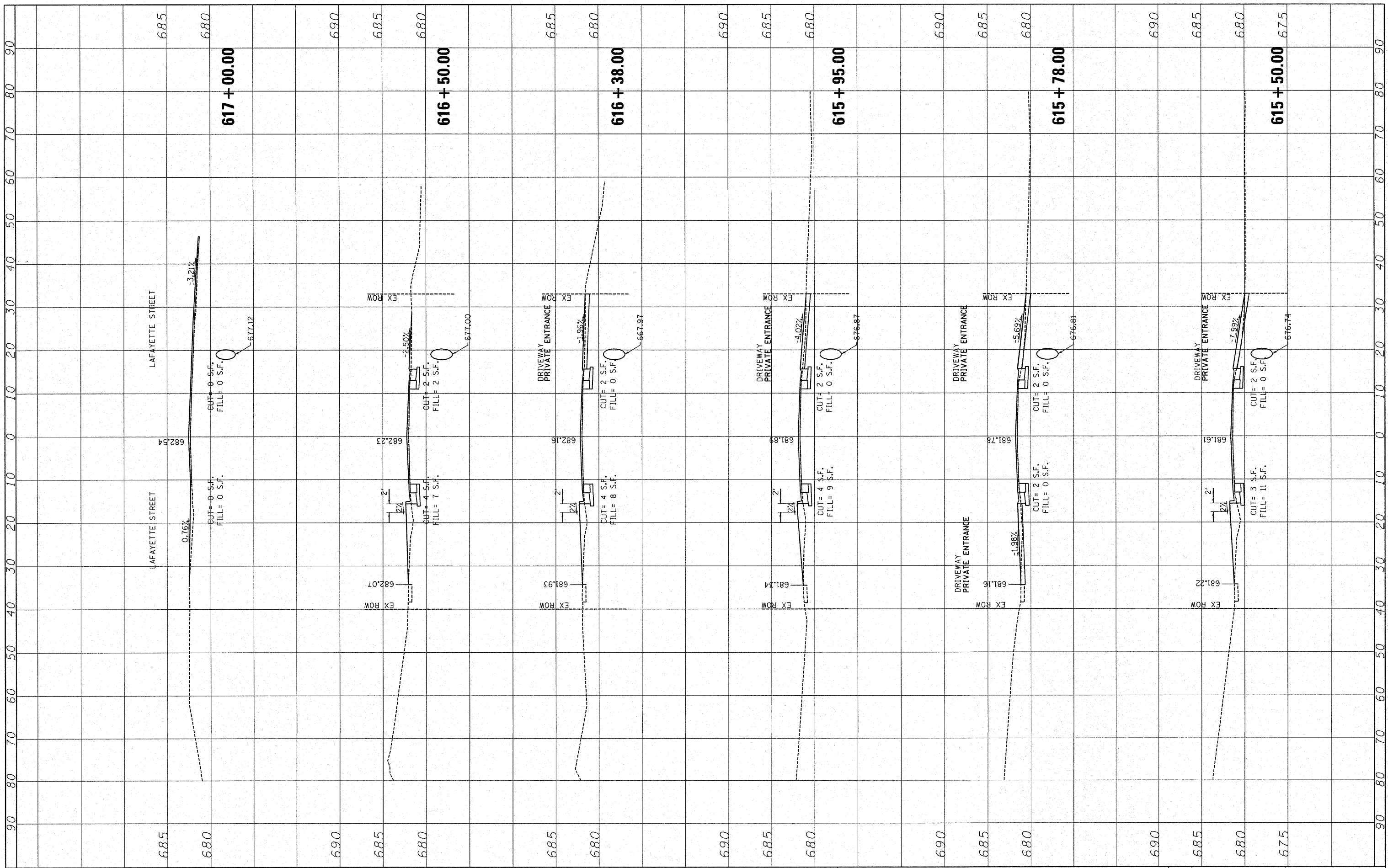
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS	
SCALE: 10H 5V	SHEET NO. 12 OF 16 SHEETS
STA. 613+00.00 TO STA. 615+38.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	114 RS-2	LIVINGSTON	63	59
CONTRACT NO. 66532				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

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

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



FILE NAME =	USER NAME = IDOTCAD	DESIGNED - SPF	REVISED -
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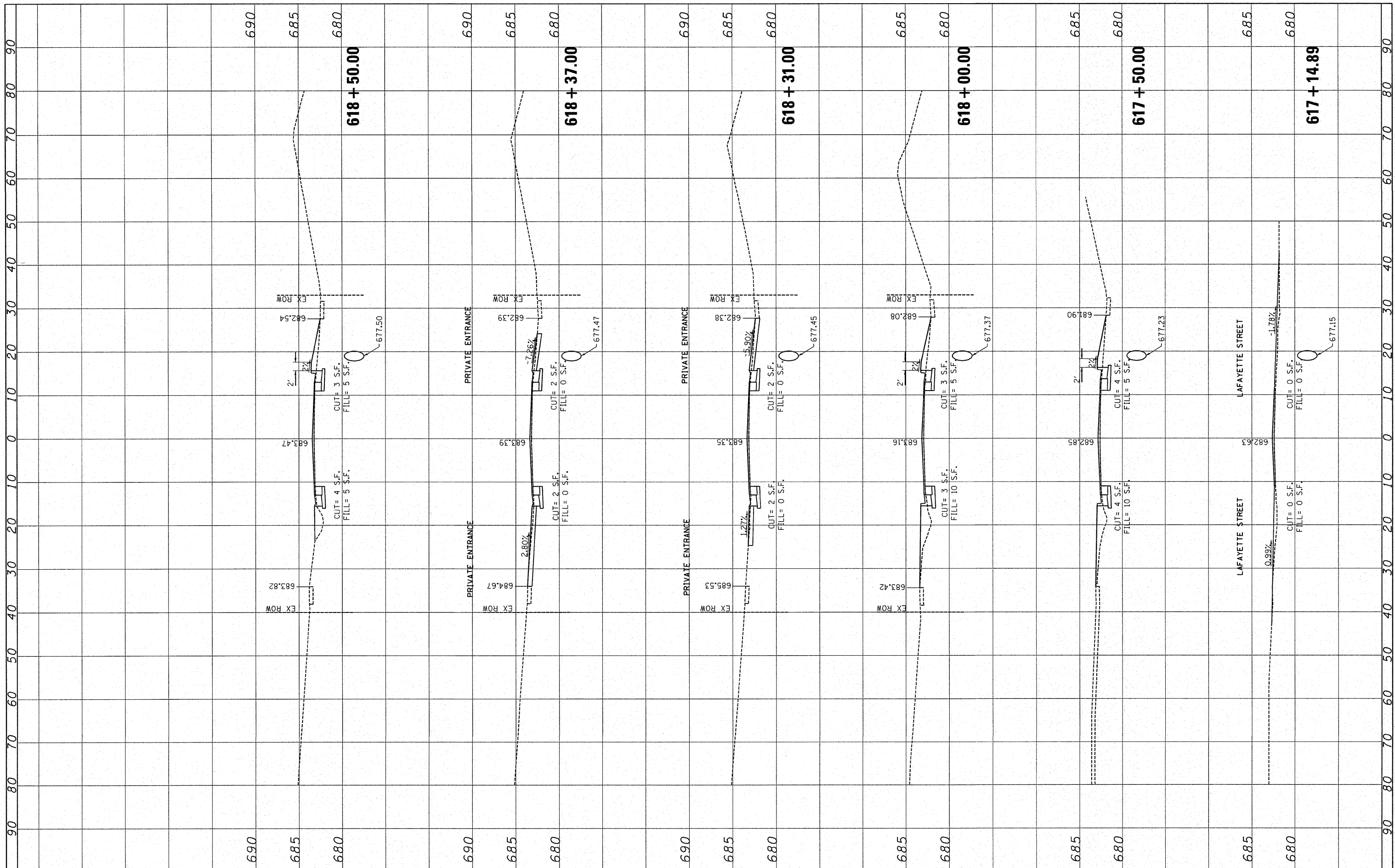
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS			
SCALE: 10H 5V	SHEET NO. 13 OF 16 SHEETS	STA. 615+50.00 TO STA. 617+00.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	114 RS-2	LIVINGSTON	63	60
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66532	

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

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



FILE NAME =	USER NAME = IDOTCAD	DESIGNED - SPF	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

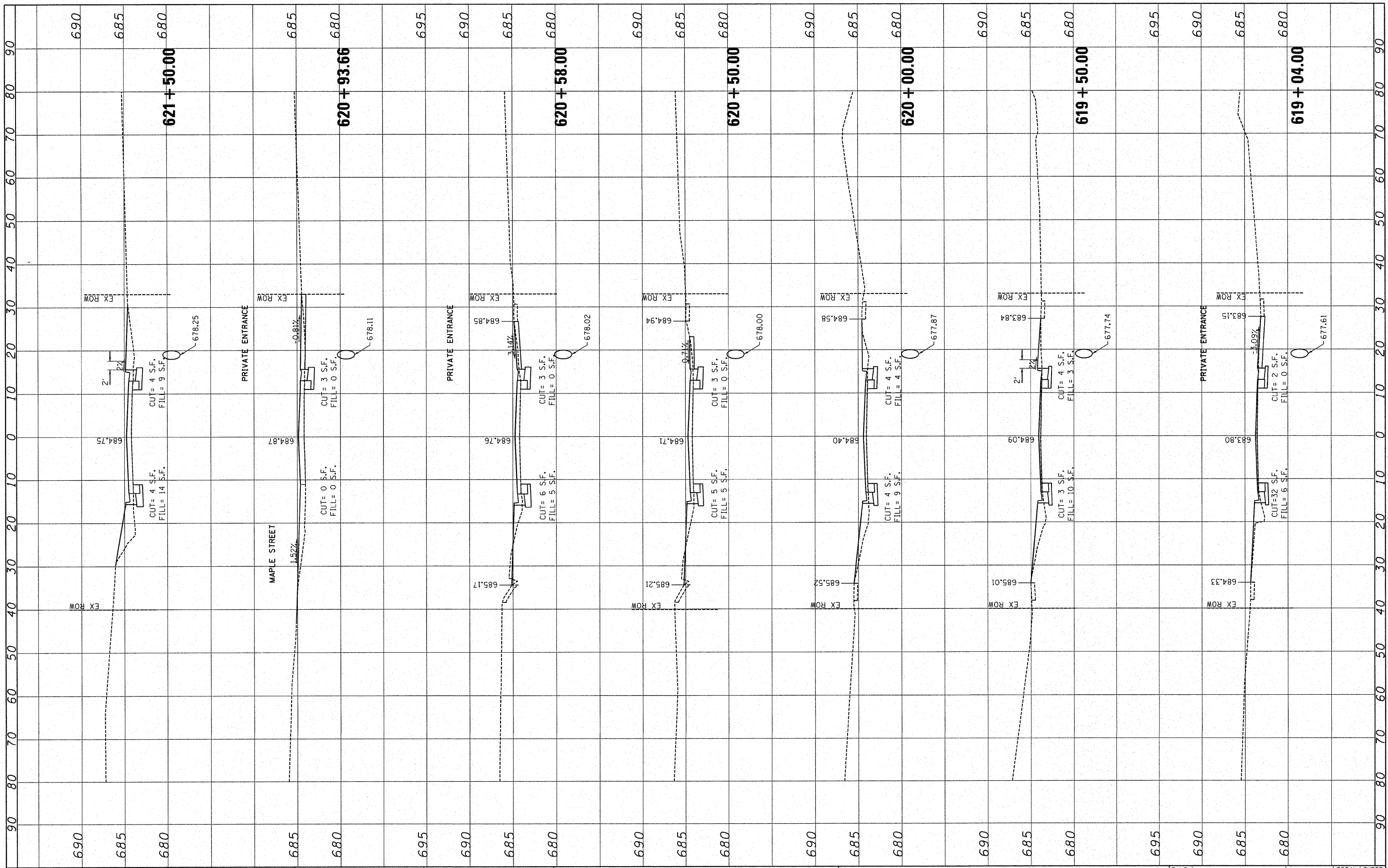
CROSS SECTIONS

SCALE: 10H 5V SHEET NO. 14 OF 16 SHEETS STA. 617+14.89 TO STA. 618+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	114 RS-2	LIVINGSTON	63	61
CONTRACT NO. 66532				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

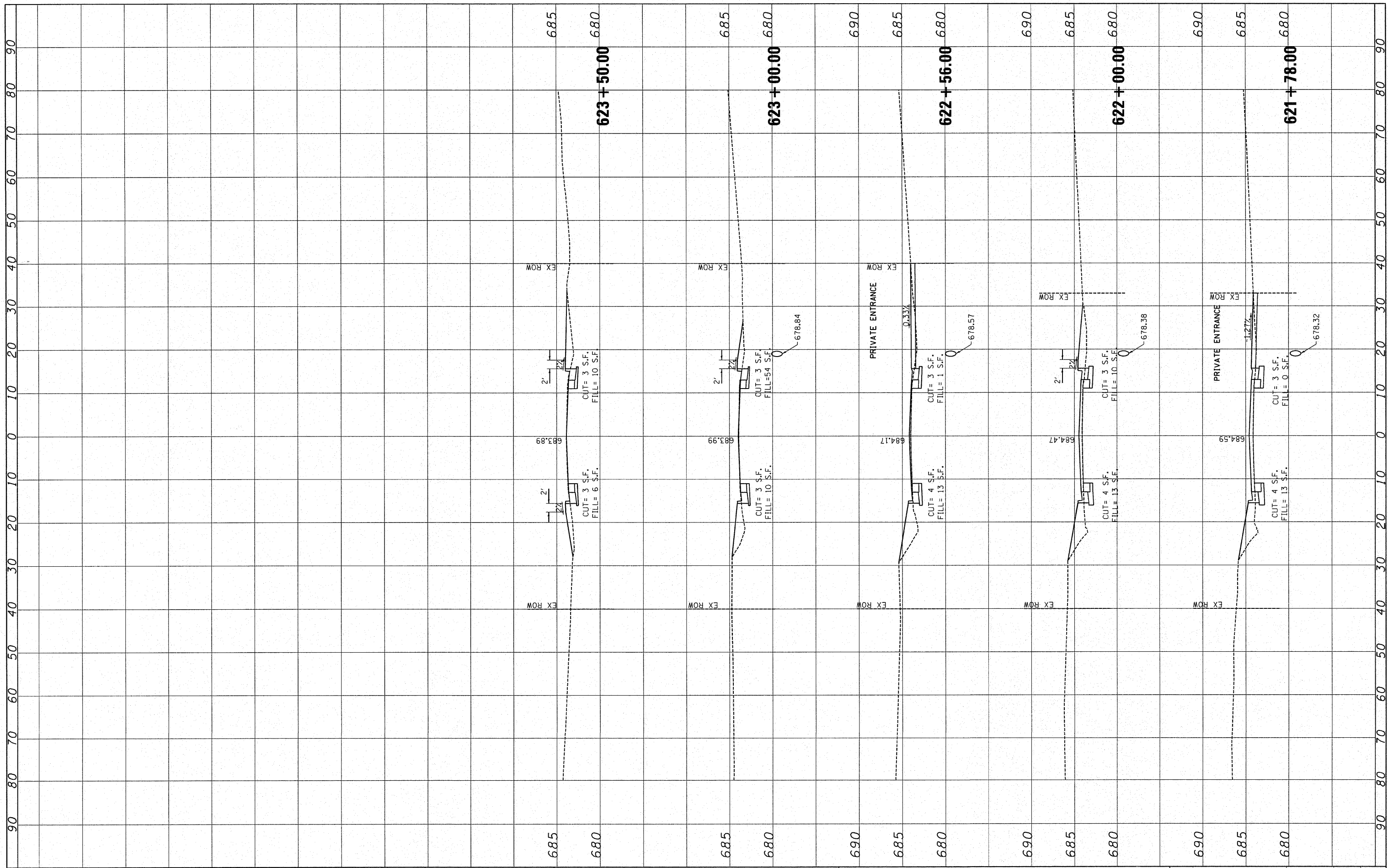
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		



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PLOT SCALE = 10.0000' / IN.	CHECKED - JMS	REVISIED -	REVISED -		SCALE: 10H 5V	SHEET NO. 15 OF 16 SHEETS	STA. 619+04.00 TO STA. 621+50.00	681	114 RS-2	LIVINGSTON	63	62
PLOT DATE = 9/16/2009 10:48:26 AM	DATE - 09/25/09	REVISED -	REVISED -		CONTRACT NO. 66532							
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT												

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

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



FILE NAME =	USER NAME = IDOTCA0	DESIGNED - SPF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS			F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
W:\2193.03-IDOT IL 116 Plans\Drawn\Sheet Files\2009\000XSM.dgn		DRAWN - AJP	REVISED -		SCALE: 10H 5V	SHEET NO. 16 OF 16 SHEETS	STA. 621+78.00 TO STA. 623+50.00	681	114 RS-2	LIVINGSTON	63	63
		CHECKED - JMS	REVISED -		CONTRACT NO. 66532							
		DATE - 09/25/09	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							