

DESIGN	INT.	DATE	REASON

PLOTS & CHECKS	INT.	DATE	NO.	REASON

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	1
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 66375				

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**STANDARDS**  
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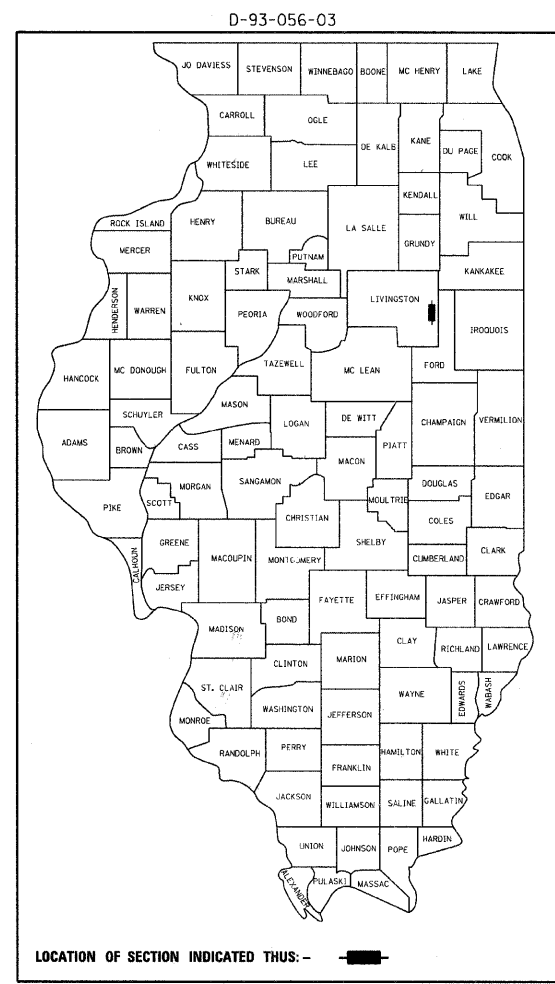
**UTILITIES**  
SEE SHEET NO. 2

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**

# PLANS FOR PROPOSED FEDERAL AID HIGHWAY

PROJECT ESP-0681(037)  
FAP 681 (IL. RTE. 116)  
SECTION (115)RS-1  
LIVINGSTON COUNTY  
C-93-146-03

## WIDENING, RESURFACING, CURB & GUTTER, STORM SEWER THRU THE VILLAGE OF CULLOM



DESIGN DESIGNATION = URBAN MINOR ARTERIAL  
2005 ADT = 1700 % MU = 7.2

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**

SUBMITTED 02/05 2009

*George F. Ryan*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION TWO ENGINEER

\_\_\_\_\_ 20 \_\_\_\_\_

ENGINEER OF PROJECT DEVELOPMENT AND IMPLEMENTATION  
March 13, 2009  
*Charles G. Smieszek*  
ENGINEER OF DESIGN AND ENVIRONMENT

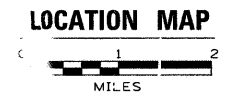
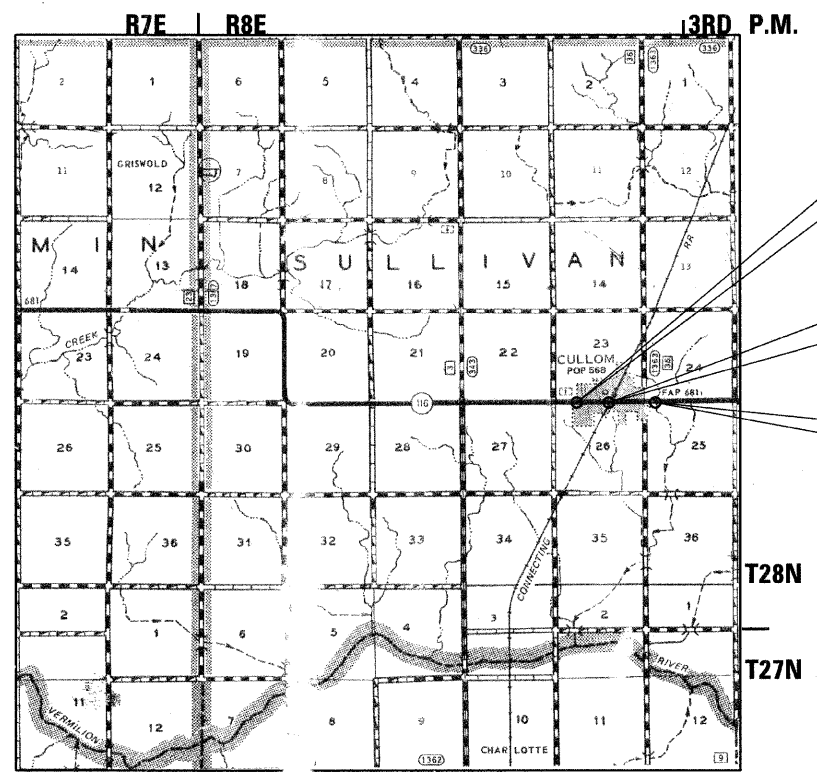
March 13, 2009  
*Christine M. Reed*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER



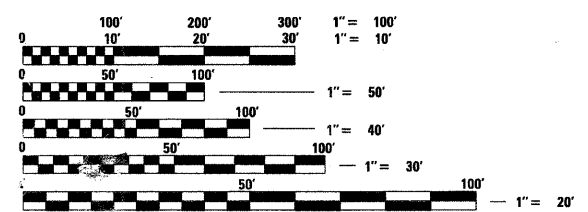
SIGNED: *William C. Bott* DATE: 01/03/09  
EXPIRES: 11/30/09

REVISION	DATE	BY	COMP.	NO.
100% REVIEW	10/16/00	RPB		
10% REVIEW	10/17/08	WCB		

**PLANS PREPARED BY**  
**BRADFORD, INC.**  
7100 W. 130th St.  
Skokie, IL 60077  
Tel: 847-946-8800  
Fax: 847-946-8801  
www.bradfordinc.com



GROSS LENGTH = 4,900.00 FT. = 0.928 MI.  
NET LENGTH = 4,900.00 FT. = 0.928 MI.



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

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-992-0123

PROJECT ENGINEER  
DAVID BROVIAK

UNIT CHIEF:  
MARK JONES

TOWNSHIP:  
SULLIVAN

**CONTRACT NO. 66375**

DESIGN		
INT.	DATE	REASON

PLOTS & CHECKS		
INT.	DATE	REASON

CHECKS		
INT.	DATE	REASON

**GENERAL NOTES**

- THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.
- THE HOT-MIX ASPHALT 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 HOT-MIX ASPHALT SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED ON THE COST OF THE HOT-MIX ASPHALT 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 LENGTH.
- AGGREGATE (PRIME COAT): FA 20 MAY BE USED IN ADDITION TO THE GRADATIONS LISTED IN THE 2ND PARAGRAPH OF ARTICLE 1003.03(c) OF THE STANDARD SPECIFICATIONS.
- THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- 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.
- FOR NEW CONSTRUCTION, PLACE SIDEWALK RAMPS FOR THE HANDICAPPED (STANDARD 424001) AT ALL LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES.
- ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
- ADDITIONAL LEVELING BINDER, AT THE RATE GIVEN ON THE TYPICAL SECTIONS, HAS BEEN ADDED TO THE QUANTITIES TO CORRECT TO A 3/16"/FT. CROWN ON SECTIONS OF EXISTING ROADWAY.
- 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 LISTED ON THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
BITUMINOUS MAT PRIME COAT	0.08	GAL / SQ YD OR
	0.375	GAL / SQ YD
AGGREGATE PRIME COAT	0.002	TONS / SQ YD
HOT-MIX ASPHALT 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
TEMPORARY DITCH CHECKS	5	TONS AGGREGATE

18. THE COST OF MAKING ANY SEWER CONNECTIONS TO AN EXISTING DRAINAGE STRUCTURE OR PIPE SHALL BE INCLUDED IN THE COST OF THE NEW SEWER.

**GENERAL NOTES**

- MEMBERS OF J.U.L.I.E. KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:
  - NICOR GAS  
PAULA BOCKMAN  
815-754-3339
  - FRONTIER COMMUNICATIONS  
BRAD SMETANKO  
217-792-0205
  - AMEREN CIPS  
MIKE TIPTON  
217-234-0559
  - MEDIACOM  
MIKE HOGERSON  
309-274-4500 EXT 7712
- NON-MEMBERS OF J.U.L.I.E. KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:
  - VILLAGE OF CULLOM  
AL DEANY  
815-842-1232
- THE EXISTING SHOULDERS ARE LOW. IN THE EVENT THAT CONSTRUCTION OPERATIONS RESULT IN A DROP OFF GREATER THAN 3" BETWEEN THE EDGE OF PAVEMENT OR EDGE OF SHOULDER WITHIN 3' OF THE EDGE OF PAVEMENT AND THE EARTH OR AGGREGATE SHOULDERS, THEN THE DROP OFF SHALL BE PROTECTED ACCORDING TO ARTICLE 701.07 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES FOR TRAFFIC CONTROL.
- SAW CUT FULL DEPTH SHALL BE CONSIDERED INCIDENTAL TO PCC BASE COURSE WIDENING 9". NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

**COMMITMENTS:**

**LEGEND**

- TBR - TO BE REMOVED
- TBA - TO BE ADJUSTED
- REL - TO BE RELOCATED
- ⊗ - TREE TO BE REMOVED
- ⊠ - CLASS B PATCHING
- ▨ - BUTT JOINT - SEE DETAILS
- ▤ - PCC SIDEWALK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 66375

**STANDARDS**

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	24' JOINTED PCC PAVEMENT
420701-02	PAVEMENT FABRIC
424001-05	CURB RAMPS FOR SIDEWALKS
442101-07	CLASS B PATCHES
482011-03	HMA SHOULDER, STRIPS/SHOULDERS, WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
542601-01	REINFORCED CONCRETE PIPE ELBOW
542606-01	REINFORCED CONCRETE PIPE TEE
602301-02	INLET - TYPE A
602306-02	INLET - TYPE B
602401-02	MANHOLE - TYPE A
602406-03	MANHOLE - TYPE A 1.8 M (6') DIAMETER
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	CAST IRON STEPS
604001-03	FRAME AND LIDS TYPE 1
604006-04	FRAME AND GRATE TYPE 3
604036-02	GRATE TYPE 8
604066-02	FRAME AND LID, TYPE 15
604071-04	FRAME AND GRATE, TYPE 20
604091-02	FRAME AND GRATE TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-02	OUTLETS FOR CONCRETE CURB AND GUTTER, TYPE B-6.24
667101-01	PERMANENT SURVEY MARKERS
701301-03	LANE CLOSURE, 2L, 2W SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-03	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
701501-05	URBAN LANE CLOSURE 2L, 2W UNDIVIDED
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE

REVIEWED BY: *Paul Powell*  
DISTRICT STUDIES & PLANS ENGINEER

DATE: 2-4-09

EXAMINED BY: *Walter J. ...*  
DISTRICT CONSTRUCTION ENGINEER

*James A. ...*  
DISTRICT OPERATIONS ENGINEER

*Shay L. ...*  
DISTRICT MATERIALS ENGINEER

REVISIONS	
NAME	DATE
1DOT REV. - WCB	10/08

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**GENERAL NOTES AND STANDARDS**

FAP 681 (IL RTE. 116)  
SECTION (115)RS-1  
LIVINGSTON COUNTY  
VILLAGE OF CULLOM

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE: 11/05/03

DRAWN BY: JAMESON  
DESIGNED BY: BOTT  
CHECKED BY: COLBROOK

GREENE & BRADFORD, INC.  
OF SPRINGFIELD

REGISTERED PROFESSIONAL ENGINEERS  
ILLINOIS LICENSE NO. 0297  
PROFESSIONAL DESIGN FIRM ALL DAY LONG  
PROFESSIONAL & CIVIL ENGINEERING CORPORATION  
207 780-8844, 207 780-8227 FAX 207 780-8844

COMPUTER FILE NO.  
03145GENP2-01

PROJECT 03145  
09/05/07-WCB

DESIGN		
INT.	DATE	REASON

PLOTS & CHECKS		
INT.	DATE	REASON

CHECKS		
INT.	DATE	REASON

100% FEDERAL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 66375				

SUMMARY OF QUANTITIES				CONSTRUCTION CODE			
				I 000	SFTY-1B	Y060	Y079
CODE NO.	ITEM	UNIT	TOTAL QTY.	ROADWAY	SIDEWALKS	WATER MAINS	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	106	106			
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	192	192			
20101200	TREE ROOT PRUNING	EACH	27	27			
20200100	EARTH EXCAVATION	CU YD	2,918	2,918			
20800150	TRENCH BACKFILL	CU YD	1,834	1,834			
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,357	1,357			
21300010	EXPLORATION TRENCH, SPECIAL	FOOT	500	500			
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	290	290			
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	290	290			
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	290	290			
* 25200100	SODDING	SQ YD	23,388	23,388			
* 25200200	SUPPLEMENTAL WATERING	UNIT	210.2	210.2			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,559	1,559			
28000300	TEMPORARY DITCH CHECKS	EACH	26	26			
28000400	PERIMETER EROSION BARRIER	FOOT	755	755			
28000500	INLET AND PIPE PROTECTION	EACH	63	63			
28100209	STONE RIPRAP, CLASS A5	TON	115	115			
28200200	FILTER FABRIC	SQ YD	101	101			
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	5,342	5,342			
35101400	AGGREGATE BASE COURSE, TYPE B	TON	271	271			
35400400	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"	SQ YD	2,073	2,073			

\* SPECIALITY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SUMMARY QUANTITIES**

FAP 681 (IL RTE. 116)  
SECTION (115)RS-1  
LIVINGSTON COUNTY  
VILLAGE OF CULLOM

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE: 11/05/03

DRAWN BY: JAMESON  
DESIGNED BY: BOTT  
CHECKED BY: COLBROOK

GREENE & BRADFORD, INC.  
OF SPRINGFIELD

**COMPUTER FILE NO.**  
SUMMARYP2-1

**PROJECT** 03145  
**09/05/07-WCB**

DESIGN		
INT.	DATE	REASON

PLOTS & CHECKS			
INT.	DATE	NO.	REASON

CHECKS		
INT.	DATE	REASON

100% FEDERAL

SUMMARY OF QUANTITIES				CONSTRUCTION CODE			
				I 000	SFTY-1B	Y060	Y079
CODE NO.	ITEM	UNIT	TOTAL QTY.	ROADWAY	SIDEWALKS	HAZARD WASTE	REMEDIAATION ITEMS
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2,850	2,850			
40600300	AGGREGATE (PRIME COAT)	TON	46	46			
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	5.5	5.5			
40600525	LEVELING BINDER (HAND METHOD), N50	TON	13	13			
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	1,032	1,032			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	925	925			
40600990	TEMPORARY RAMP	SQ YD	368	368			
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1,198	1,198			
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	772	772			
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	655	655			
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	1,834	1,834			
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	1,025	1,025			
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	13,221		13,221		
42400610	TEMPORARY SIDEWALK	SQ FT	1,000		1,000		
42400800	DETECTABLE WARNINGS	SQ FT	410		410		
44000100	PAVEMENT REMOVAL	SQ YD	1,827	1,827			
44000152	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	1,704	1,704			
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	2,984	2,984			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2,169	2,169			
44000300	CURB REMOVAL	FOOT	717	717			
44000600	SIDEWALK REMOVAL	SQ FT	7,943		7,943		
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	78	78			
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	316	316			
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SQ YD	70	70			
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SQ YD	54	54			
44300900	STRIP REFLECTIVE CRACK CONTROL TREATMENT SYSTEM A	FOOT	2,938	2,938			

\* SPECIALITY ITEMS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66375				

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY QUANTITIES**  
 FAP 681 (IL RTE. 116)  
 SECTION (115)RS-1  
 LIVINGSTON COUNTY  
 VILLAGE OF CULLOM

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE: 11/05/03

DRAWN BY: JAMESON  
 DESIGNED BY: BOTT  
 CHECKED BY: COLBROOK

GREENE & BRADFORD, INC.  
 OF SPRINGFIELD  
ILLINOIS REGISTERED PROFESSIONAL ENGINEERS  
 LICENSE NO. 121217-121218  
 LICENSE EXPIRES 12/31/04  
 PROFESSIONAL DESIGN FIRM AND SEAL NUMBER  
 STATE LICENSE NO. 121217-121218 EXPIRES 12/31/04

COMPUTER FILE NO.  
**SUMMARYP2-2**  
 PROJECT 03145  
 09/05/07-WCB



100% FEDERAL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66375				

CODE NO.	ITEM	UNIT	TOTAL QTY.	CONSTRUCTION CODE			
				I 000 ROADWAY	SFTY-1B SIDEWALKS	Y060 WATER MAINS	Y079 HAZARD WASTE REMEDICATION ITEMS
48101200	AGGREGATE SHOULDERS, TYPE B	TON	183	183			
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	298	298			
50104400	CONCRETE HEADWALL REMOVAL	EACH	2	2			
50105210	REMOVE EXISTING CULVERTS	FOOT	135	135			
50105220	PIPE CULVERT REMOVAL	FOOT	648	648			
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,000	1,000			
54001000	BOX CULVERT END SECTIONS	EACH	1	1			
54002020	EXPANSION BOLTS 3/4 INCH	EACH	48	48			
54003000	CONCRETE BOX CULVERTS	CU YD	4.1	4.1			
54020703	PRECAST CONCRETE BOX CULVERT 7' X 3' (M273)	FOOT	436	436			
54021004	PRECAST CONCRETE BOX CULVERT 10' X 4' (M273)	FOOT	168	168			
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	69	69			
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2	2			
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	4	4			
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1			
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1			
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	1	1			
54248515	CONCRETE COLLAR	EACH	2	2			
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	1,557	1,557			
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	53	53			
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	341	341			
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	512	512			
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	233	233			
550A0190	STORM SEWERS, CLASS A, TYPE 1 48"	FOOT	413	413			

\* SPECIALITY ITEMS

REVISIONS	
NAME	DATE
FAV	12/08
IDOT	1-30-09

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SUMMARY QUANTITIES**

FAP 681 (IL RTE. 116)  
SECTION (115)RS-1  
LIVINGSTON COUNTY  
VILLAGE OF CULLOM

SCALE: VERT. 1"=50'  
HORIZ. 1"=300'

DATE: 11/05/03

DRAWN BY: JAMESON  
DESIGNED BY: BOTT  
CHECKED BY: COLBROOK

GREENE & BRADFORD, INC.  
OF SPRINGFIELD

COMPUTER FILE NO.  
SUMMARYP2-3

PROJECT 03145  
09/05/07-WCB

DESIGN		
INT.	DATE	REASON

PLOTS & CHECKS		
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DESIGN		
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CHECKS		
INT.	DATE	REASON

100% FEDERAL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	8

STA. \_\_\_\_\_ TO STA. \_\_\_\_\_  
 FED. ROAD DIST. NO. \_\_\_\_\_ ILLINOIS FED. AID PROJECT  
 CONTRACT NO. 66375

SUMMARY OF QUANTITIES				CONSTRUCTION CODE			
				I 000	SFTY-1B	Y060	Y079
CODE NO.	ITEM	UNIT	TOTAL QTY.	ROADWAY	SIDEWALKS	HAZARD WASTE REMEDIATION ITEMS	HAZARD WASTE REMEDIATION ITEMS
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2,672				2,672
* 66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1				1
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	7				7
66901000	BACKFILL PLUGS	CU YD	48				48
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	15	15			
67100100	MOBILIZATION	L SUM	1	1			
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1			
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1			
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	90	90			
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1,960	1,960			
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	123	123			
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	2,133	2,133			
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1,220	1,220			
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	290	290			
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2,260	2,260			
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	123	123			
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2,133	2,133			
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,220	1,220			
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	290	290			
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	61	61			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	61	61			
X0301834	STORM SEWER TO BE FILLED	FOOT	47	47			

\* SPECIALITY ITEMS

REVISIONS	
NAME	DATE
IDOT	1-30-09

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SUMMARY QUANTITIES**

FAP 681 (IL RTE. 116)  
 SECTION (115)RS-1  
 LIVINGSTON COUNTY  
 VILLAGE OF CULLOM

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE: 11/05/03

DRAWN BY: JAMESON  
 DESIGNED BY: BOTT  
 CHECKED BY: COLBROOK

GREENE & BRADFORD, INC.  
 OF SPRINGFIELD

COMPUTER FILE NO.  
 SUMMARYP2-6

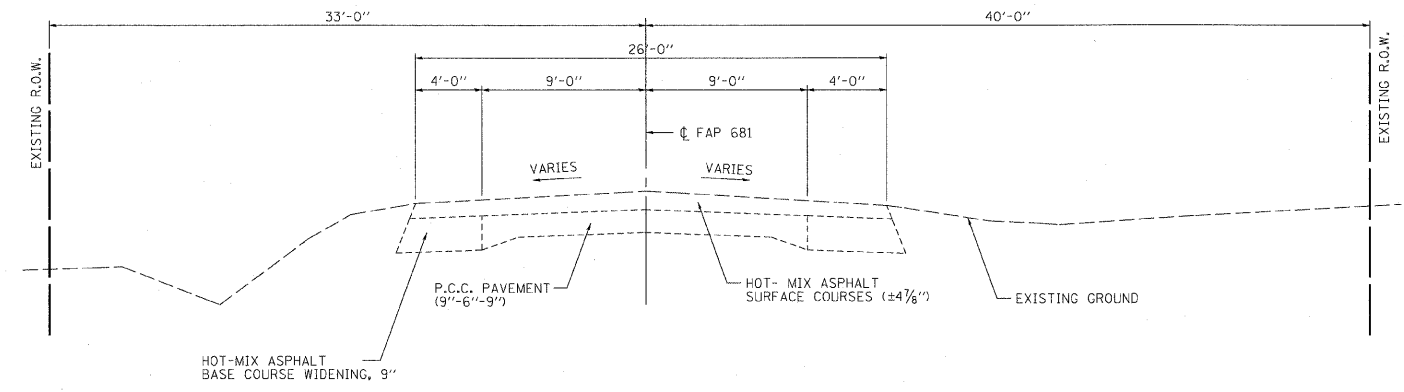
PROJECT 03145  
 09/05/07-WCB



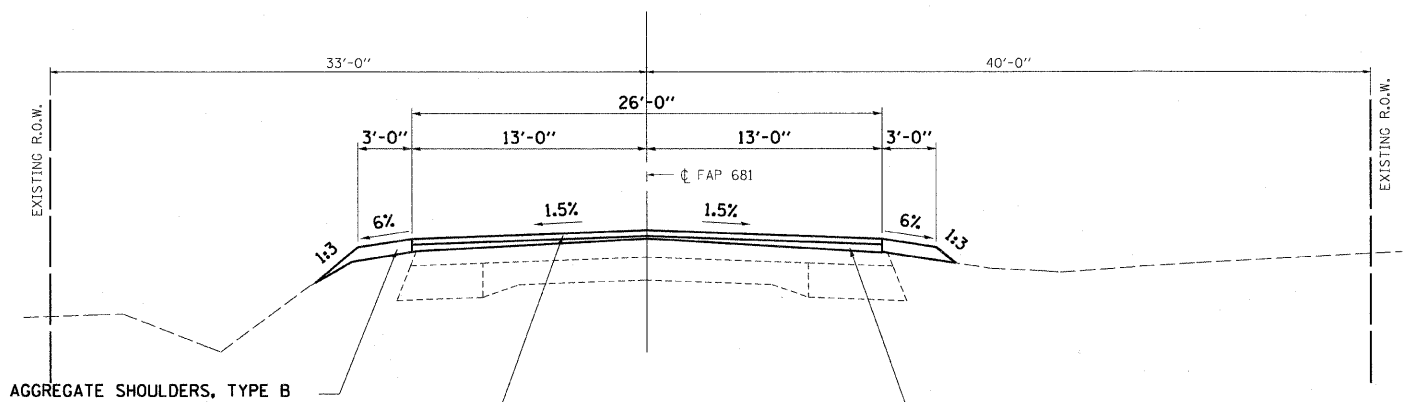
DESIGN		
INT.	DATE	REASON

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66375				

PLOTS & CHECKS		
INT.	DATE	REASON



**EXISTING TYPICAL SECTION**  
STA. 155+00 TO STA. 155+75 (TRANSITION)



**PROPOSED TYPICAL SECTION**  
STA. 155+00 TO STA. 155+75 (TRANSITION)

**MIXTURE DESIGN:**

	BINDER FOR PATCHES	LEVEL BINDER	HOT-MIX ASPHALT 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
PLANT CONTROL LIMIT	CLASS I	CLASS I	CLASS I
DENSITY CONTROL METHOD	CORES	SATISFACTION OF THE ENGINEER	CORES

\*\* IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.

CHECKS		
INT.	DATE	REASON

REVISIONS		
NAME	DATE	
IDOT REVIEW-WCB	10/08	

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TYPICAL SECTIONS**

FAP 681 (IL RTE. 116)  
SECTION (115)RS-1  
LIVINGSTON COUNTY  
VILLAGE OF CULLOM

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE: 11/05/03

DRAWN BY: JAMESON  
DESIGNED BY: BOTT  
CHECKED BY: COLBROOK

COMPUTER FILE NO.  
TYPICALSP2-1

PROJECT 03145  
09/05/07-WCB

GREENE & BRADFORD, INC.  
OF SPRINGFIELD

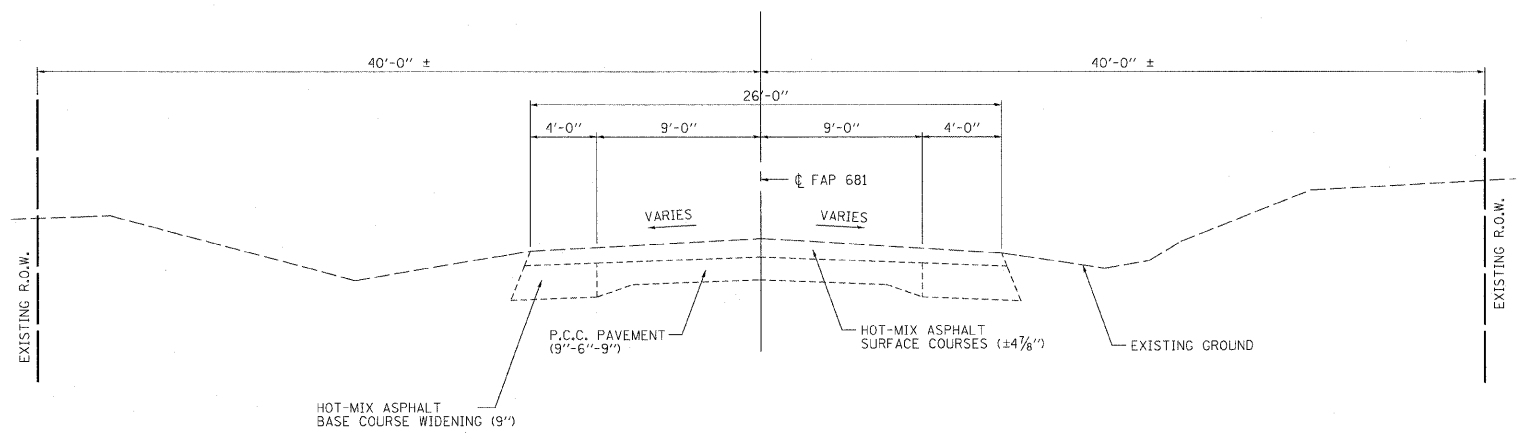
GREENE & BRADFORD, INC. IS AN EQUAL OPPORTUNITY EMPLOYER. PROFESSIONAL ENGINEER LICENSE NO. 000100001. REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF ILLINOIS. LICENSE NO. 000100001. LICENSE EXPIRES 12/31/08.



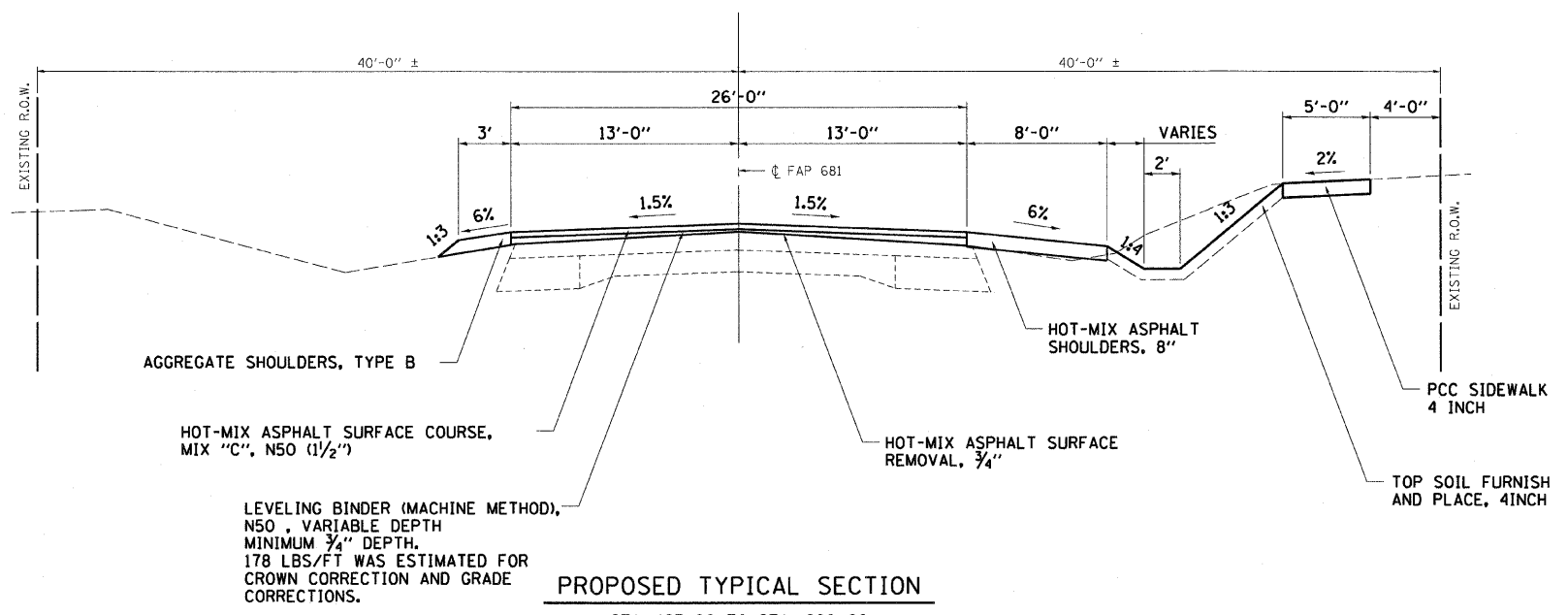


DESIGN		
INT.	DATE	REASON

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66375				



**EXISTING TYPICAL SECTION**  
STA. 197+00 TO STA. 200+00



**PROPOSED TYPICAL SECTION**  
STA. 197+00 TO STA. 200+00

PLOTS & CHECKS		
INT.	DATE	REASON

CHECKS		
INT.	DATE	REASON

REVISIONS	
NAME	DATE
IDOT REVIEW-WCB	10/08

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TYPICAL SECTIONS**

FAP 681 (IL RTE. 116)  
SECTION (115)RS-1  
LIVINGSTON COUNTY  
VILLAGE OF CULLOM

SCALE: VERT.      DRAWN BY: JAMESON  
                      HORIZ.      DESIGNED BY: BOTT  
DATE: 11/05/03      CHECKED BY: COLBROOK

**GREENE & BRADFORD, INC.**  
OF SPRINGFIELD

**COMPUTER FILE NO.**  
TYPICALSP2-3

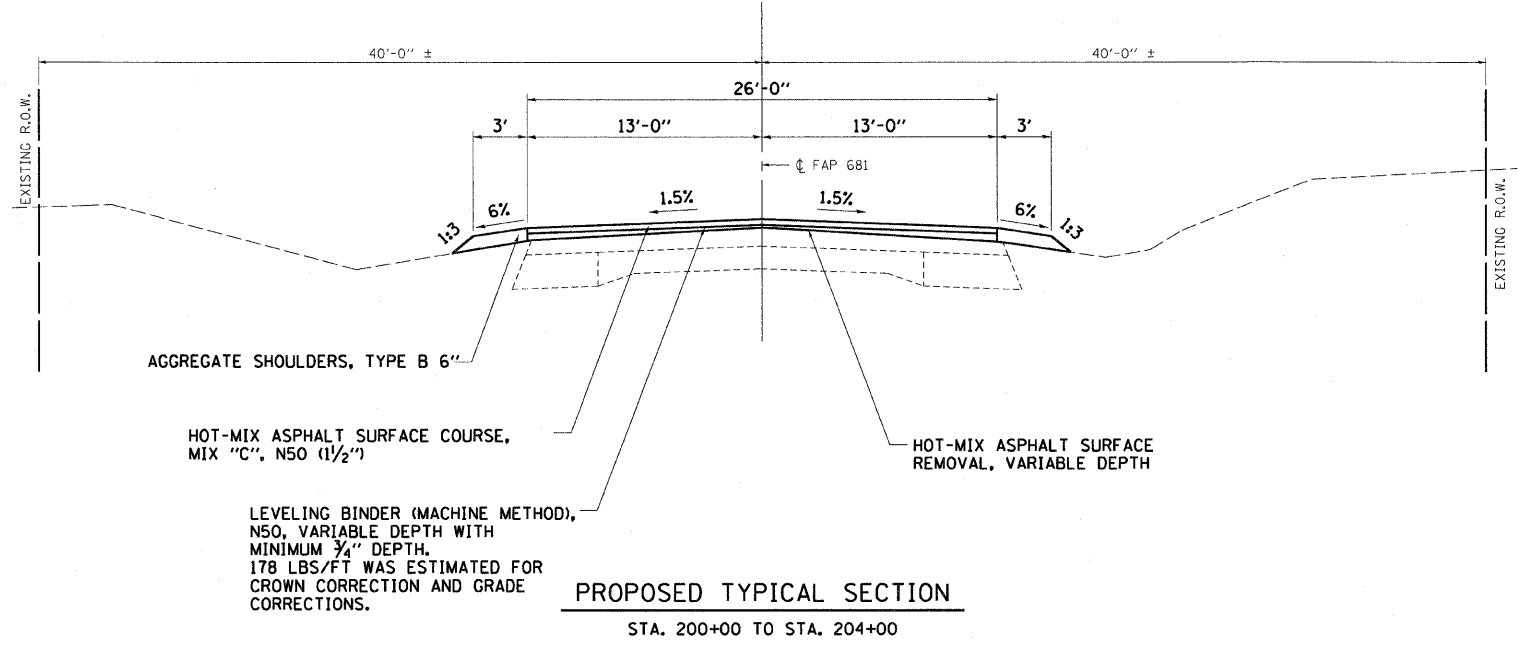
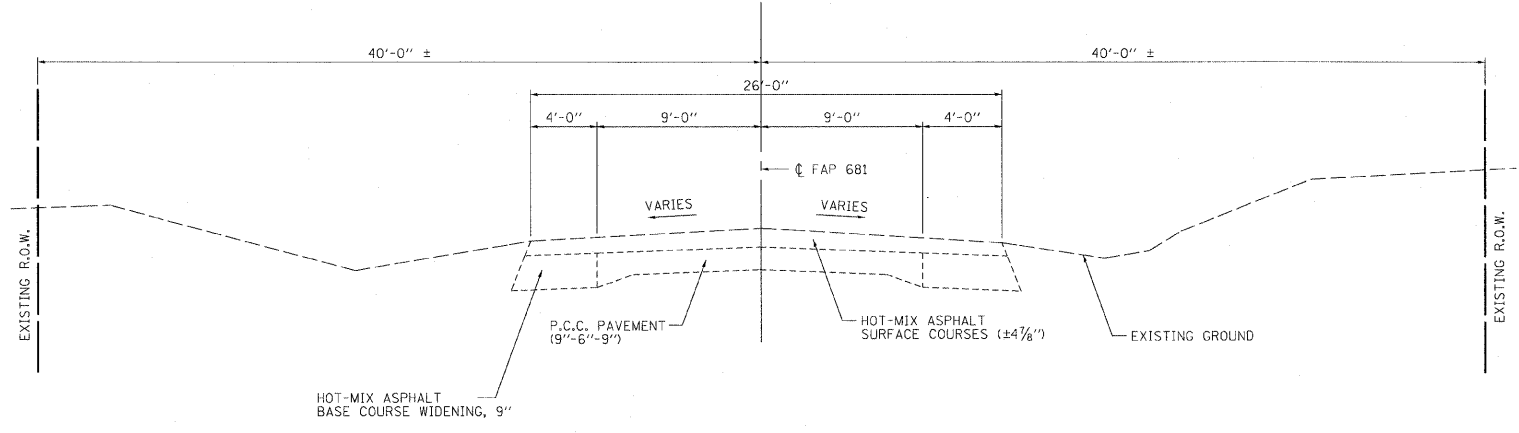
**PROJECT** 03145  
09/05/07-WCB

DESIGN		
INT.	DATE	REASON

PLOTS & CHECKS		
INT.	DATE	REASON

CHECKS		
INT.	DATE	REASON

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 66375				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS  
FAP 681 (IL RTE. 116)  
SECTION (115)RS-1  
LIVINGSTON COUNTY  
VILLAGE OF CULLOM

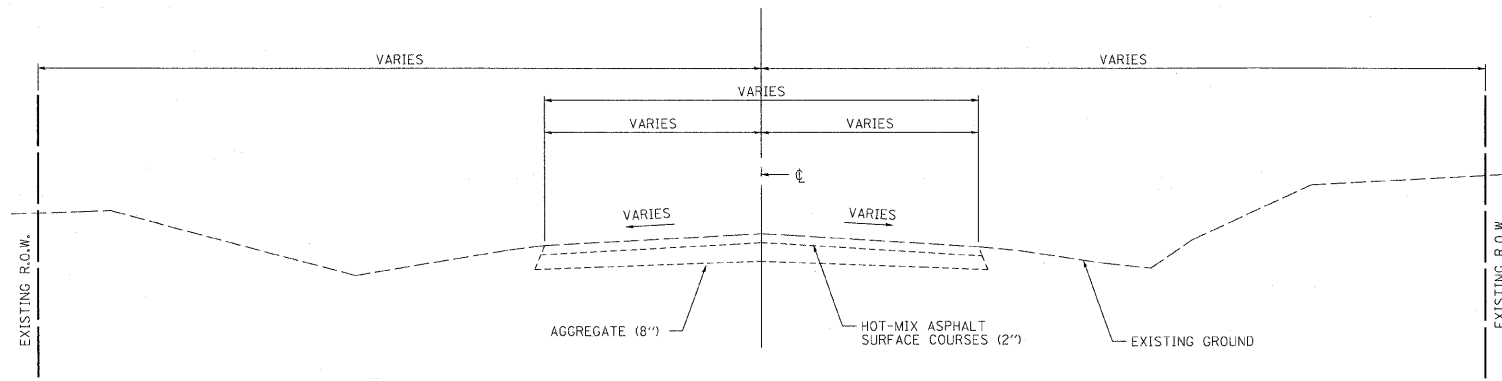
SCALE: VERT.      DRAWN BY: JAMESON  
HORIZ.      DESIGNED BY: BOTT  
DATE: 11/05/03      CHECKED BY: COLBROOK

GREENE & BRADFORD, INC.  
OF SPRINGFIELD  
CONSULTING ENGINEERS  
PROFESSIONAL DESIGN FIRM NO. 06-0099  
REGISTERED & QUALIFIED ENGINEERING CORPORATION  
4070 1/2 BRAD, 1015 1/2 EAST, P.O. BOX 1, SPRINGFIELD, ILL. 62767

COMPUTER FILE NO.  
TYPICALSP2-4  
PROJECT 03145  
09/05/07-WCB

DESIGN		
INT.	DATE	REASON

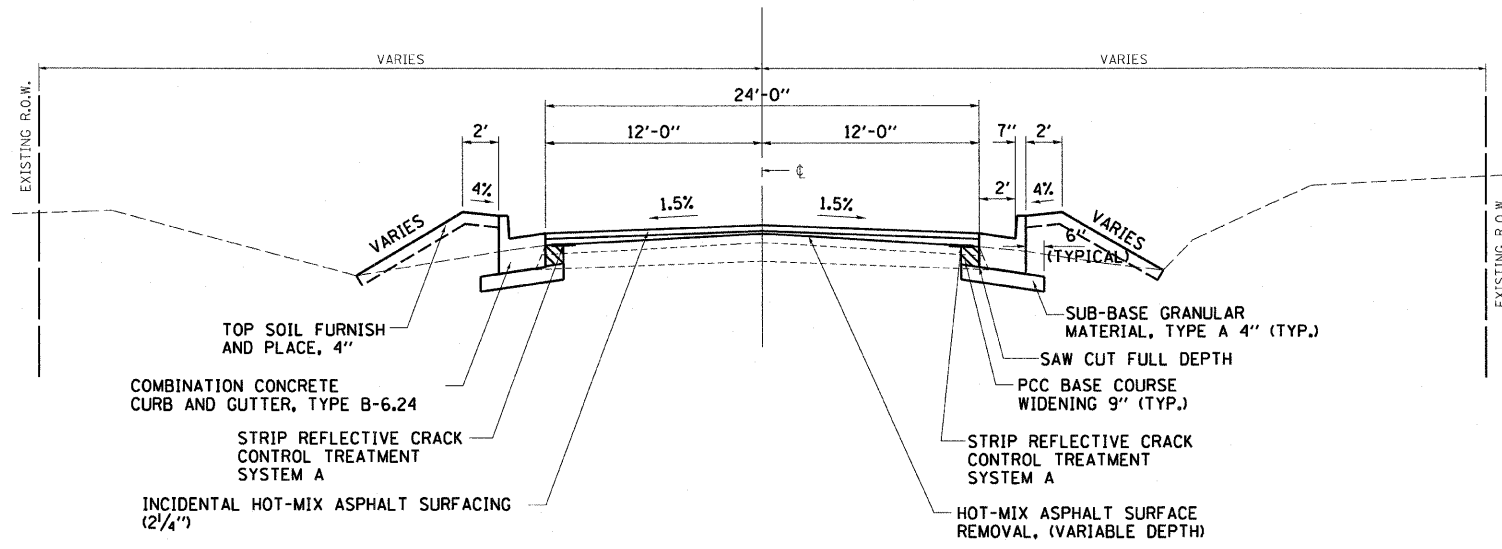
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66375				



**EXISTING TYPICAL SECTION**

CHERRY ST.  
 MAPLE ST.  
 OAK ST. (NORTH LEG)

PLOTS & CHECKS		
INT.	DATE	REASON



**PROPOSED TYPICAL SECTION**

CHERRY ST.  
 MAPLE ST.  
 OAK ST. (NORTH LEG)

CHECKS		
INT.	DATE	REASON

REVISIONS		
NAME	DATE	

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TYPICAL SECTIONS**

FAP 681 (IL RTE. 116)  
 SECTION (115)RS-1  
 LIVINGSTON COUNTY  
 VILLAGE OF CULLOM

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE: 11/05/03

DRAWN BY: JAMESON  
 DESIGNED BY: BOT1  
 CHECKED BY: COLBROOK

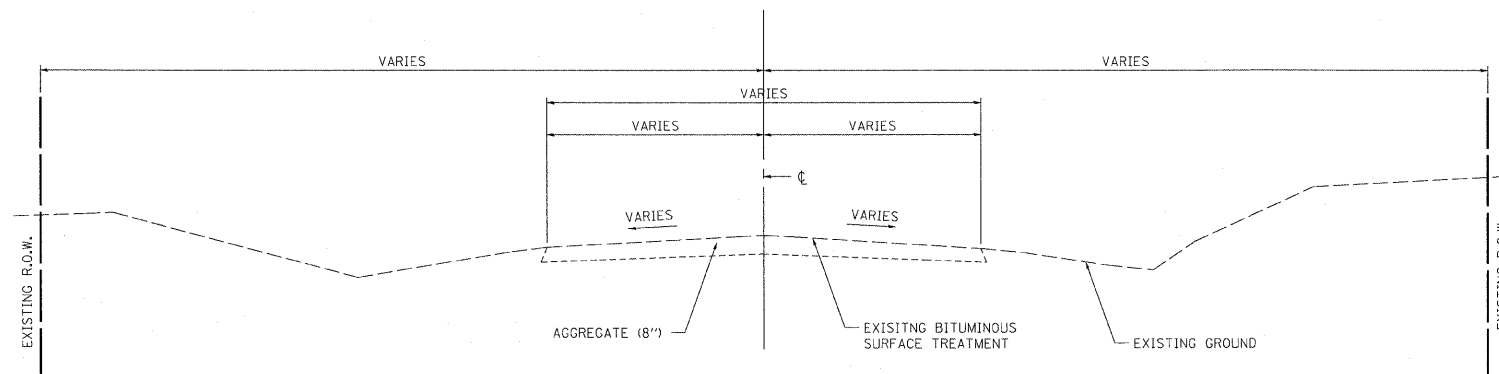
GREENE & BRADFORD, INC.  
 OF SPRINGFIELD

COMPUTER FILE NO.  
**TYPICALSP2-5**

PROJECT 03145  
 09/05/07-WCB

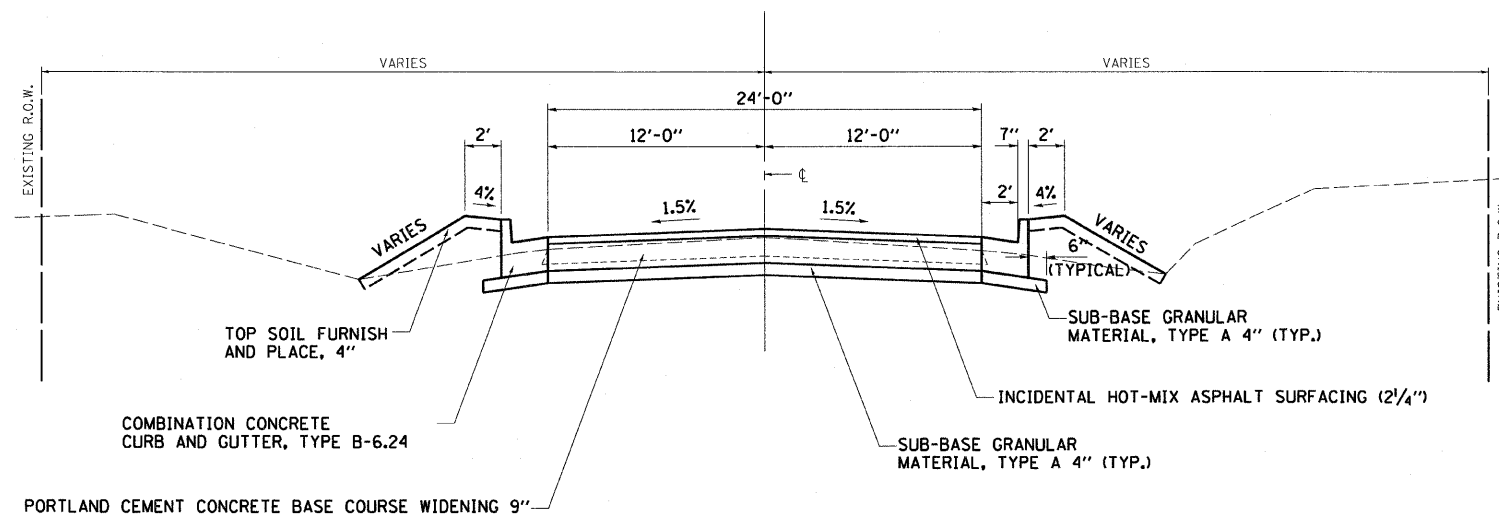
DESIGN		
INT.	DATE	REASON

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	15
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66375				



**EXISTING TYPICAL SECTION**

- HICKORY ST
- ASH ST.
- WALNUT ST.
- OAK ST. (SOUTH LEG)
- ELM ST.
- BASS ST.
- BIRCH ST.
- HILLSIDE DR.



**PROPOSED TYPICAL SECTION**

- HICKORY ST
- ASH ST.
- WALNUT ST.
- OAK ST. (SOUTH LEG)
- ELM ST.
- BASS ST.
- BIRCH ST.
- HILLSIDE DR.

PLOTS & CHECKS			
INT.	DATE	NO.	REASON

CHECKS		
INT.	DATE	REASON

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TYPICAL SECTIONS**  
 FAP 681 (IL RTE. 116)  
 SECTION (115)RS-1  
 LIVINGSTON COUNTY  
 VILLAGE OF CULLOM

SCALE: VERT. \_\_\_\_\_  
 DATE: 11/05/03

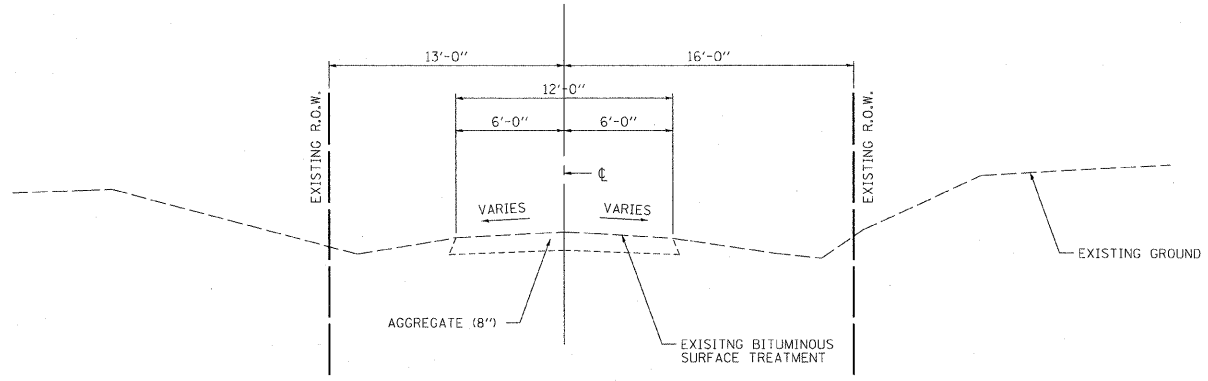
DRAWN BY: JAMESON  
 DESIGNED BY: BOTT  
 CHECKED BY: COLBROOK

GREENE & BRADFORD, INC.  
OF SPRINGFIELD  
CONSULTING ENGINEERS  
PROFESSIONAL ENGINEERS

COMPUTER FILE NO.  
 TYPICALSP2-6  
 PROJECT 03145  
 09/05/07-WCB

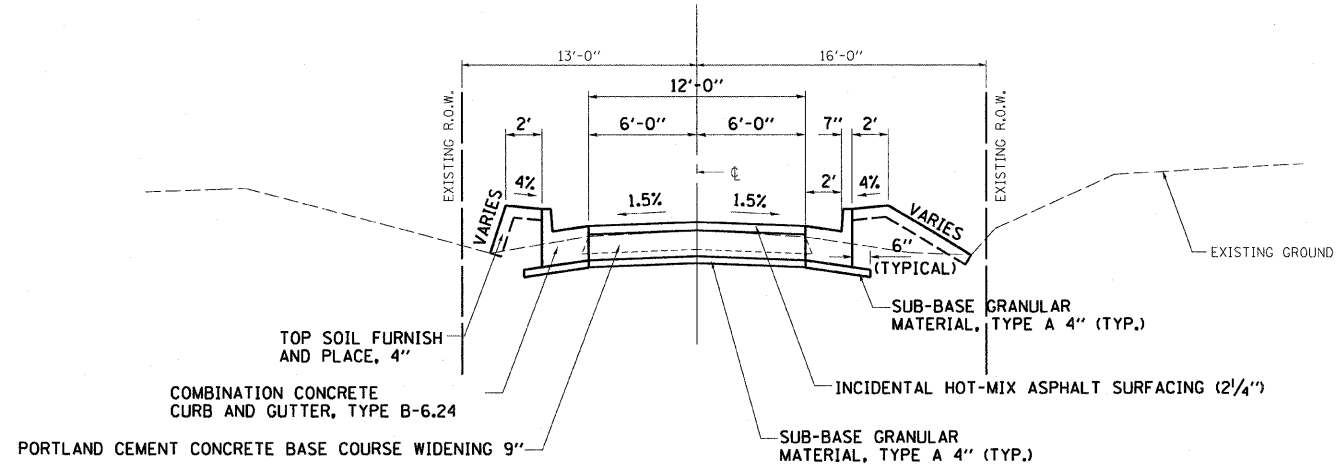
DESIGN		
INT.	DATE	REASON

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	16
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 66375				



**EXISTING TYPICAL SECTION**  
B STREET

PLOTS & CHECKS			
INT.	DATE	NO.	REASON



**PROPOSED TYPICAL SECTION**  
B STREET

CHECKS		
INT.	DATE	REASON

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TYPICAL SECTIONS**

FAP 681 (IL RTE. 116)  
SECTION (115)RS-1  
LIVINGSTON COUNTY  
VILLAGE OF CULLOM

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE: 11/05/03

DRAWN BY: JAMESON  
DESIGNED BY: BOTY  
CHECKED BY: COLBROOK

**GREENE & BRADFORD, INC.**  
OF SPRINGFIELD

**COMPUTER FILE NO.**  
TYPICALSP2-7

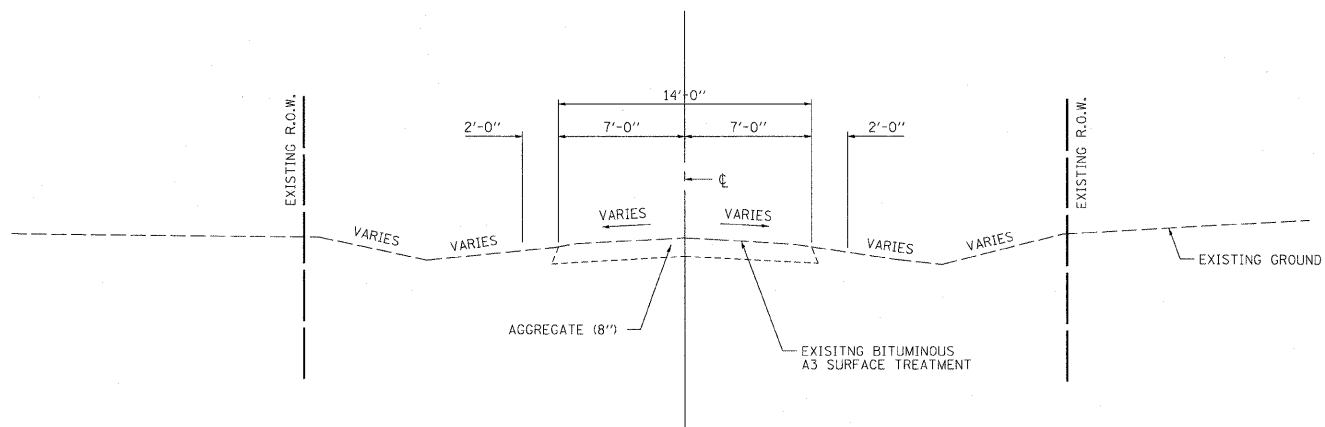
**PROJECT** 03145  
09/05/07-WCB

DESIGN		
INT.	DATE	REASON

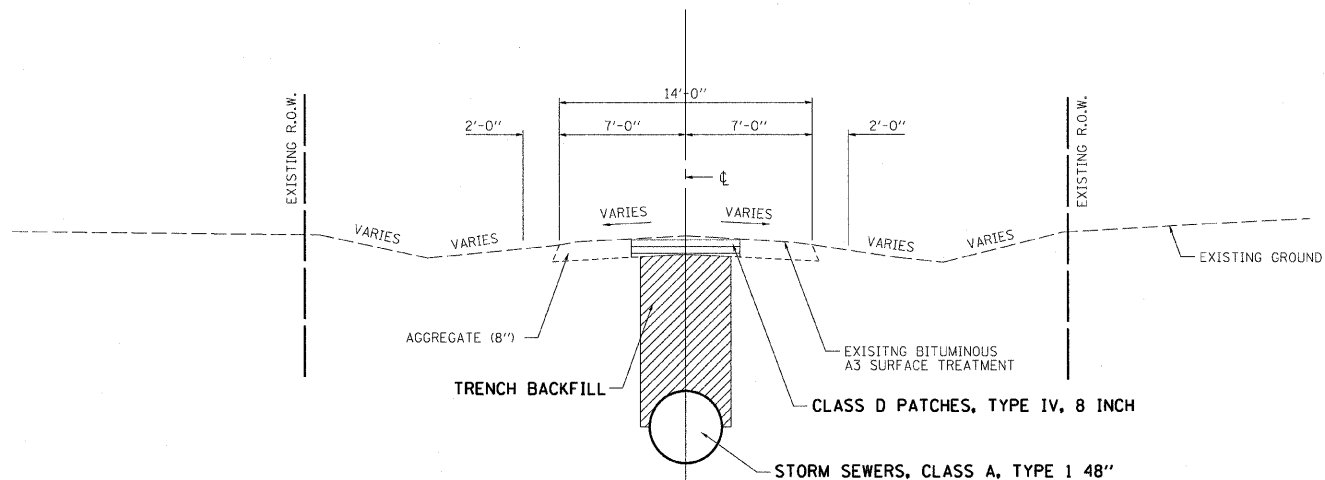
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	17
STA. TO STA.				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 66375				

PLOTS & CHECKS		
INT.	DATE	REASON

CHECKS		
INT.	DATE	REASON




**EXISTING TYPICAL SECTION**  
STA. 3+61.00 TO STA. 4+30.00 (CLEVELAND ST.)



**PROPOSED TYPICAL SECTION**  
STA. 3+61.00 TO STA. 4+30.00 (CLEVELAND ST.)

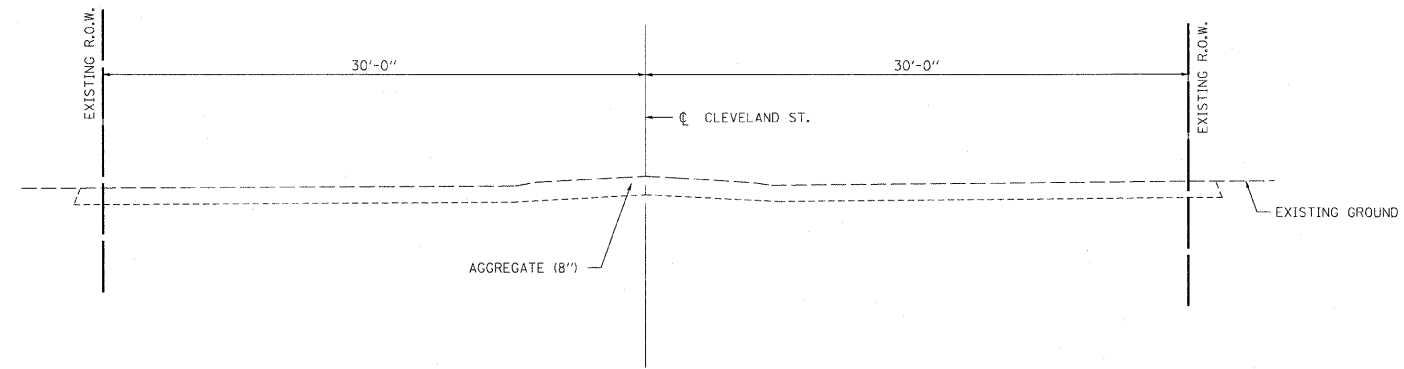
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TYPICAL SECTIONS**  
FAP 681 (IL RTE. 116)  
SECTION (115)RS-1  
LIVINGSTON COUNTY  
VILLAGE OF CULLOM

SCALE: VERT.	DRAWN BY: JAMESON
HORIZ.	DESIGNED BY: BOTT
DATE: 11/05/03	CHECKED BY: COLBROOK
 <b>GREENE &amp; BRADFORD, INC.</b> <small>CONSULTING ENGINEERS</small> <small>500 SOUTH HIGHWAY 100</small> <small>SPRINGFIELD, ILLINOIS 62767</small> <small>PROFESSIONAL ENGINEERS AND SURVEYORS</small> <small>NO. 0007</small> <small>MEMBER A.S.C.E. AND S.E.</small>	<b>COMPUTER FILE NO.</b> <b>TYPICALSP2-8</b> <b>PROJECT 03145</b> <b>09/05/07-WCB</b>

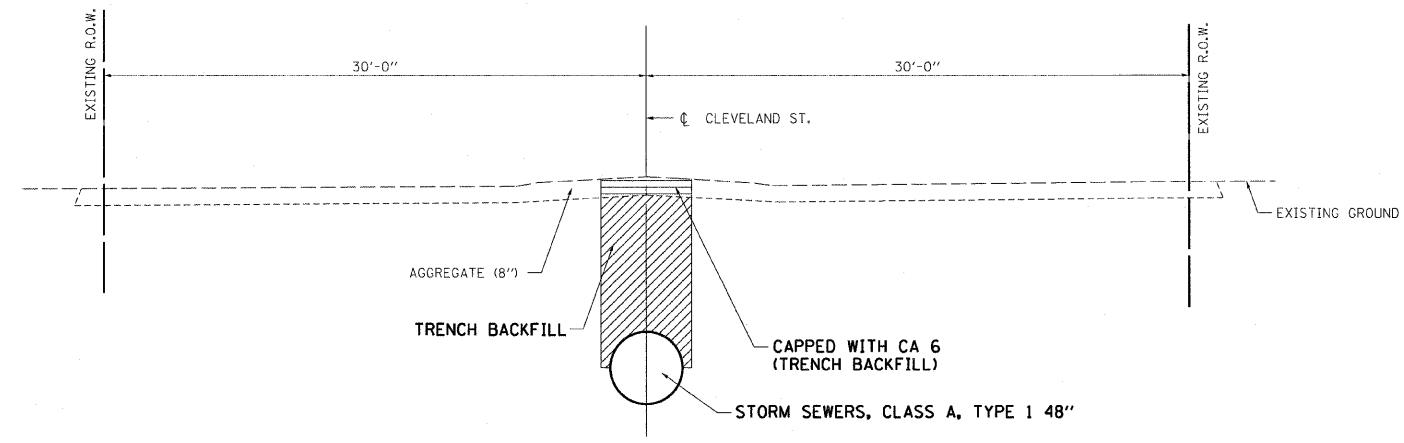
DESIGN		
INT.	DATE	REASON

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	18
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 66375				



**EXISTING TYPICAL SECTION**  
STA. 4+30.00 TO STA. 5+99.00 (CLEVELAND ST.)

PLOTS & CHECKS		
INT.	DATE	REASON



**PROPOSED TYPICAL SECTION**  
STA. 4+30.00 TO STA. 5+99.00 (CLEVELAND ST.)

CHECKS		
INT.	DATE	REASON

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TYPICAL SECTIONS**

FAP 681 (IL RTE. 116)  
SECTION (115)RS-1  
LIVINGSTON COUNTY  
VILLAGE OF CULLOM

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE: 11/05/03

DRAWN BY: JAMESON  
DESIGNED BY: BOTI  
CHECKED BY: COLBROOK

COMPUTER FILE NO.  
TYPICAL SP2-9  
PROJECT 03145  
09/05/07-WCB

GREENE & BRADFORD, INC.  
OF SPRINGFIELD

GREENE & BRADFORD, INC. IS AN EQUAL OPPORTUNITY FIRM. PROFESSIONAL ENGINEERING CORPORATION. 1210 N. 54TH, SUITE 200, SPRINGFIELD, ILLINOIS 62761-1000. TEL: 217-223-8277. FAX: 217-223-8278. WWW.GREENE-AND-BRADFORD.COM







DESIGN		
INT.	DATE	REASON

PLOTS & CHECKS			
INT.	DATE	NO.	REASON

CHECKS		
INT.	DATE	REASON

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	21
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66375				


LOCATION	DRAINAGE STRUCTURE SCHEDULE														
	MANHOLES, TYPE A, 4'-DIAMETER			MANHOLES, TYPE A, 5'-DIAMETER			MANHOLES, TYPE A, 6'-DIAMETER		INLETS, TYPE A			INLETS, TYPE B			
	TYPE 1 FRAME, CLOSED LID EACH	TYPE 8 GRATE EACH	TYPE 15 FRAME AND LID EACH	TYPE 1 FRAME, CLOSED LID EACH	TYPE 8 GRATE EACH	TYPE 15 FRAME AND LID EACH	TYPE 1 FRAME, CLOSED LID EACH	TYPE 15 FRAME AND LID EACH	TYPE 1 FRAME, CLOSED LID EACH	TYPE 3 FRAME AND GRATE EACH	TYPE 8 GRATE EACH	TYPE 3 FRAME AND GRATE EACH	TYPE 8 GRATE EACH	TYPE 15 FRAME AND LID EACH	TYPE 20 FRAME AND GRATE EACH
STA. 156+58.63, 24.5' LT.		1													
STA. 157+01.76, 38.95' RT.															
STA. 157+09, 60' LT.									1			1			
STA. 157+09.31, 22.03' LT.			1												
STA. 157+21, 15.55' LT.			1												
STA. 157+21, 16.06' RT.			1												
STA. 157+21, 23.5' RT.		1													
STA. 159+00, 14.5' RT.													1		
STA. 159+00, 23.5' RT.		1													
STA. 159+05, 14.5' LT.									1						
STA. 159+61.74, 23.5' RT.													1		
STA. 160+06, 23.5' RT.													1		
STA. 160+50, 23.5' RT.										1					
STA. 161+71.09, 19.92' LT.									1						
STA. 162+30, 25' LT.													1		
STA. 162+30, 26' RT.													1		
STA. 162+48.30, 23' RT.														1	
STA. 163+00, 26' RT.													1		
STA. 163+65, 14.5' LT.									1						
STA. 163+65, 23' RT.	1														
STA. 164+45, 23' RT.		1													
STA. 165+00, 26' LT.										1					
STA. 165+00, 14.5' LT.													1		
STA. 165+00, 14.5' RT.													1		
STA. 165+00, 23' RT.		1													
STA. 165+95, 21' RT.		1													
STA. 166+13.12, 21' RT.						1									
STA. 166+15.15, 22.85' LT.													1		
STA. 166+15.89, 46.41' RT.															
STA. 166+58.85, 22.85' LT.										1					
STA. 168+45, 14.5' LT.									1						
STA. 168+45, 14.5' RT.														1	
STA. 168+45, 21' RT.				1											
STA. 169+00, 21' RT.		1													
STA. 169+66, 14.5' LT.														1	
STA. 169+67.51, 19.01' RT.						1									
STA. 169+87.79, 22.86' LT.														1	
STA. 169+90.11, 61.23' RT.											1				
STA. 170+31.49, 22.83' LT.											1				
STA. 170+57, 14.5' RT.						1									
STA. 170+57, 21' RT.													1		
STA. 171+65, 25' LT.											1				
STA. 172+35, 25' LT.													1		
STA. 172+35, 14.5' LT.														1	
STA. 172+35, 14.5' RT.						1									
STA. 173+60, 14.5' LT.											1				
STA. 173+70, 25' LT.															
STA. 173+70, 14.5' LT.														1	
STA. 173+70, 14.5' RT.						1									
STA. 173+80, 14.5' RT.						1									
STA. 174+45.41, 28.3' RT.						1									

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF QUANTITIES**

FAP 681 (IL RTE. 116)  
SECTION (115)RS-1  
LIVINGSTON COUNTY  
VILLAGE OF CULLOM

SCALE: VERT.	DRAWN BY: JAMESON
SCALE: HORIZ.	DESIGNED BY: BOIT
DATE: 11/05/03	CHECKED BY: COLBROOK



**GREENE & BRADFORD, INC.**  
OF SPRINGFIELD  
ENGINEERS AND ARCHITECTS  
PROFESSIONAL DESIGN FIRM NO. 0076  
1001 EASTERN BLVD., SUITE 200, SPRINGFIELD, ILLINOIS 62761  
TEL: 217-223-1111 FAX: 217-223-1112

**COMPUTER FILE NO.**  
SCHEDULEP2-3

**PROJECT** 03145  
**09/05/07-WCB**



DESIGN		
INT.	DATE	REASON

PLOTS & CHECKS		
INT.	DATE	REASON

CHECKS		
INT.	DATE	REASON

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66375				

LOCATION	DRAINAGE STRUCTURE SCHEDULE															
	MANHOLES, TYPE A, 4'-DIAMETER			MANHOLES, TYPE A, 5'-DIAMETER			MANHOLES, TYPE A, 6'-DIAMETER		INLETS, TYPE A			INLETS, TYPE B				
	TYPE 1 FRAME, CLOSED LID EACH	TYPE 8 GRATE EACH	TYPE 15 FRAME AND LID EACH	TYPE 1 FRAME, CLOSED LID EACH	TYPE 8 GRATE EACH	TYPE 15 FRAME AND LID EACH	TYPE 1 FRAME, CLOSED LID EACH	TYPE 15 FRAME AND LID EACH	TYPE 1 FRAME, CLOSED LID EACH	TYPE 3 FRAME AND GRATE EACH	TYPE 8 GRATE EACH	TYPE 3 FRAME AND GRATE EACH	TYPE 8 GRATE EACH	TYPE 15 FRAME AND LID EACH	TYPE 20 FRAME AND GRATE EACH	
STA. 189+74, 14.5' LT.																
STA. 189+75, 28' LT.										1						
STA. 190+50, 24.5' RT.		1														
STA. 191+23.57, 25.5' RT.			1													
STA. 191+38, 25.5' RT.		1														
STA. 191+60, 27' LT.										1						
STA. 191+75, 25.5' RT.		1														
STA. 192+25, 27' LT.												1				
STA. 192+25, 14.5' LT.														1		
STA. 192+25, 14.5' RT.														1		
STA. 192+25, 25.5' RT.		1														
STA. 192+95, 27' LT.										1						
STA. 194+05, 28' LT.												1				
STA. 194+25, 25.5' RT.		1														
STA. 197+25, 24' RT.										1						
STA. 198+75, 25' RT.										1						
STA. 199+25, 24.5' RT.										1						
STA. 201+40, 25' RT.										1						
MAPLE STREET																
STA. 56+16.22, 15' LT.								1								
STA. 58+00, 15' LT.								1								
CLEVELAND STREET																
STA. 5+20, 0' RT.					1											
STA. 5+84, 0' RT.								1								
OAK STREET																
STA. 70+38.28, 25' LT.																
STA. 73+48.04' 25' LT.																
STA. 73+65, 41.96' LT.																
STA. 69+24.78, 27.23' RT.		1														
STA. 69+33.92, 19.27' RT.		1														
TOTALS	1	22	7	2	4	9	3	2	1	15	22	11	11	14	1	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SCHEDULE OF QUANTITIES**  
 FAP 681 (IL RTE. 116)  
 SECTION (115)RS-1  
 LIVINGSTON COUNTY  
 VILLAGE OF CULLOM

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE: 11/05/03

DRAWN BY: JAMESON  
 DESIGNED BY: BOIT  
 CHECKED BY: COLBROOK

GREENE & BRADFORD, INC.  
 OF SPRINGFIELD  
 CIVIL ENGINEERS  
 PROFESSIONAL ENGINEERING FIRM NO. 0071  
 1215 W. BROADWAY, SUITE 100, SPRINGFIELD, ILLINOIS 62760  
 (217) 524-1200 FAX (217) 524-1201

COMPUTER FILE NO.  
 SCHEDULEP2-5  
 PROJECT 03145  
 09/05/07-WCB

DESIGN		
INT.	DATE	REASON

PLOTS & CHECKS			
INT.	DATE	NO.	REASON

CHECKS		
INT.	DATE	REASON

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 66375				

END SECTIONS SCHEDULE							
LOCATION	PRECAST REINFORCED CONCRETE FLARED END SECTION					CONCRETE COLLAR	BOX CULVERT END SECTIONS
	12"	15"	18"	24"	48"		
	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)		
MAINLINE							
STA. 155+70, 28.5' LT.			1				
STA. 156+63.69, 65.16' LT.	1						
STA. 175+92.10, 27.41' LT.				1			
STA. 178+88.04, 110.88' LT.							1
STA. 195+75, 30' LT.		2					
STA. 196+57, 30' LT.		2					
STA. 201+75, 25.5' RT.	1						
CLEVELAND STREET							
STA. 5+99.01, 16.37' LT.					1		
OAK STREET							
STA. 70+15.51, 61.64' LT.					1		
STA. 73+67.24, 104.63' LT.					1		
TOTALS	2	4	1	1	1	2	1

STRIP REFLECTIVE CRACK CONTROL SCHEDULE	
LOCATION	STRIP REFLECTIVE CRACK CONTROL TREATMENT SYSTEM A
	FOOT
STA. 155+00, 13' RT. TO STA. 156+50, 13' RT.	150
STA. 157+30, 13' RT. TO STA. 174+30, 13' RT.	1700
STA. 175+05, 13' RT. TO STA. 176+00, 13' RT.	95
STA. 176+50, 13' RT. TO STA. 178+66, 13' RT.	216
STA. 182+97, 13' RT. TO STA. 183+81, 13' RT.	84
STA. 190+62, 13' RT. TO STA. 191+46, 13' RT.	84
STA. 187+05, 13' RT. TO STA. 187+89, 13' RT.	84
STA. 165+95, 13' LT. TO STA. 166+79, 13' LT.	84
STA. 169+67, 13' LT. TO STA. 170+52, 13' LT.	85
STA. 174+04, 13' LT. TO STA. 174+24, 13' LT.	20
STA. 174+56, 13' LT. TO STA. 175+39, 13' LT.	83
STA. 178+78, 13' LT. TO STA. 179+63, 13' LT.	85
STA. 182+75, 13' LT. TO STA. 183+59, 13' LT.	84
STA. 196+15, 13' LT. TO STA. 196+99, 13' LT.	84
TOTALS	2938

WATER VALVE AND FIRE HYDRANT SCHEDULE				
LOCATION	WATER VALVE TO BE RELOCATED	WATER VALVE TO BE ADJUSTED	FIRE HYDRANT TO BE ADJUSTED	FIRE HYDRANT TO BE RELOCATED
	(EACH)	(EACH)	(EACH)	(EACH)
MAINLINE				
STA. 157+66.81, 22.96' LT.			1	
STA. 157+66.91, 21.90' LT.		1		
STA. 159+56, 24' LT.			1	
STA. 162+46.69, 26.79' LT.			1	
STA. 162+46.87, 24.62' LT.		1		
STA. 162+87.04, 18.21' LT.		1		
STA. 166+58.59, 27.08' LT.				1
STA. 166+58.35, 25.17' LT.	1			
STA. 168+08.53, 31.11' LT.	1			
STA. 168+88.21, 30.90' LT.	1			
STA. 170+35, 28' LT.			1	
STA. 172+26.50, 31.61' LT.		1		
STA. 174+99.40, 27.95' LT.				1
STA. 183+42.09, 31.90' LT.				1
STA. 187+12.70, 32.32' LT.		1		
STA. 187+25.50, 32.89' LT.			1	
STA. 188+11.11, 30.17' RT.	1			
STA. 189+33, 34' LT.		1		
STA. 190+18.42, 31.44' RT.	1			
STA. 195+44.18, 34.60' LT.		1		
STA. 195+65, 27' RT.		1		
STA. 196+30.43, 36.77' LT.				1
STA. 196+32.20, 34.63' LT.	1			
TOTALS	6	8	5	4

REVISIONS	
NAME	DATE
FAV	12/08

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SCHEDULE OF QUANTITIES**  
 FAP 681 (IL RTE. 116)  
 SECTION (115)RS-1  
 LIVINGSTON COUNTY  
 VILLAGE OF CULLOM

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE: 11/05/03

DRAWN BY: JAMESON  
 DESIGNED BY: BOTT  
 CHECKED BY: COLBROOK

GREENE & BRADFORD, INC.  
 OF SPRINGFIELD  
 CIVIL ENGINEERS  
 220 SOUTH MAIN STREET  
 SPRINGFIELD, ILLINOIS 62760  
 PROFESSIONAL ENGINEERS LICENSE NO. 0011018  
 618-792-8544, 1-800-799-8227, FAX 618-792-8545

COMPUTER FILE NO.  
 SCHEDULEP2-6  
 PROJECT 03145  
 09/05/07-WCB

























PAVEMENT MARKING SCHEDULE

LOCATION FROM STA. TO STA.	THERMOPLASTIC PAVEMENT MARKING					RAISED REFLECTIVE PAVEMENT MARKERS
	LINE 4"		LINE 6"	LINE 24"	LETTERS AND SYMBOLS WHITE (SQ FT)	TWO-WAY AMBER (EACH)
	SOLID YELLOW (FOOT)	SOLID WHITE (FOOT)	SKIP DASH YELLOW (FOOT)	SOLID WHITE (FOOT)		
155+00.00 TO 156+45.39		291	36			2
156+45.93 TO 173+40.00			424			21
173+40.00 TO 176+12.00	272		68	39	61.2	3
176+50.00 TO 178+20.00	170		43	39	61.2	2
178+20.00 TO 197+00.00			470			24
197+00.00 TO 204+00.00		1400	175			9
STOP BARS						
156+74.62 LT				12		
157+00.30 RT				12		
161+52.28 LT				5.9		
162+82.00 RT				12		
163+88.40 LT				5.6		
166+25.00 LT				12		
166+49.00 RT				12		
169+97.62 LT				12		
170+25.00 RT				12		
174+54.00 LT				17.6		
174+86.00 RT				14.3		
179+08.91 LT				12		
179+19.91 RT				12		
183+05.30 LT				11.9		
183+51.00 RT				12		
187+59.10 LT				12.1		
191+16.10 LT				12.1		
196+45.00 LT				12		
TOTALS	442	1691	1216	290	122.4	61

INLET AND PIPE PROTECTION SCHEDULE

DESCRIPTION	(EACH)	DESCRIPTION	(EACH)
156+59 LT	1	182+20 RT	1
156+64 LT	1	183+61 LT	1
157+09 LT	1	184+00 RT	1
157+21 RT	1	184+64 RT	1
159+00 RT	1	185+55 LT	1
159+62 RT	1	185+75 RT	1
160+06 RT	1	186+42 LT	1
160+50 RT	1	186+54 RT	1
162+30 LT	1	187+80 RT	1
162+30 RT	1	188+37 LT	1
163+00 RT	1	188+75 RT	1
164+45 RT	1	189+15 RT	1
165+00 LT	1	189+50 LT	1
165+00 RT	1	189+75 LT	1
165+95 RT	1	190+50 RT	1
166+16 RT	1	191+38 RT	1
169+00 RT	1	191+60 LT	1
169+90 RT	1	191+75 RT	1
170+57 RT	1	192+25 LT	1
171+65 LT	1	192+25 RT	1
172+35 LT	1	192+95 LT	1
173+70 LT	1	194+05 LT	1
174+45 RT	1	194+25 RT	1
174+58 LT	1	195+63 LT	1
174+99 RT	1	196+35 LT	1
175+70 RT	1	197+25 RT	1
178+82 RT	1	198+75 RT	1
179+37 LT	1	199+25 RT	1
179+75 LT	1	201+40 RT	1
179+89 RT	1		
180+27 RT	1	MAPLE ST. 58+00 LT	1
180+55 LT	1		
182+00 LT	1	SUBTOTAL	30
		TOTAL	63
SUBTOTAL	33		

PERIMETER EROSION BARRIER SCHEDULE

LOCATION	LENGTH (FEET)
156+40 TO 156+77 RT	92.2
156+56 LT	60.9
174+81 TO 175+91 LT	197.9
178+39 TO 178+77 LT	108.8
183+00 TO 183+30 RT	86.3
182+98 LT	54.3
187+28 TO 187+39 RT	67.0
190.80 RT	44.2
196+25 TO 196+50 LT	24.8
196+66 TO 196+85 LT	18.9
TOTAL	755

TEMPORARY DITCH CHECK SCHEDULE

LOCATION	(EACH)
155+00 RT	1
155+09 LT	1
155+50 RT	1
155+59 LT	1
156+00 RT	1
156+09 LT	1
156+50 RT	1
157+13 RT	1
157+34 LT	1
157+76 RT	1
157+94 LT	1
158+38 RT	1
159+58 LT	1
182+40 LT	1
182+70 RT	1
182+80 LT	1
184+00 LT	1
186+96 LT	1
193+55 LT	1
198+29 LT	1
199+79 LT	1
201+29 LT	1
202+79 LT	1
202+79 RT	1
204+00 LT	1
204+00 RT	1
TOTAL	26

SODDING SCHEDULE

LOCATION	LT. OR RT.	SOD SQ. YD.	NITROGEN FERTILIZER NUTRIENTS	PHOSPHORUS FERTILIZER NUTRIENTS	POTASSIUM FERTILIZER NUTRIENTS	AGRICULTURAL GROUND LIMESTONE
			POUND	POUND	POUND	POUND
155+00 to 156+88	LT	529.2	6.6	6.6	6.6	0.22
156+88 to 161+58	LT	1115.2	13.8	13.8	13.8	0.46
161+58 to 163+94	LT	308.9	3.8	3.8	3.8	0.13
163+94 to 166+37	LT	462.3	5.7	5.7	5.7	0.19
166+37 to 170+10	LT	798.1	9.9	9.9	9.9	0.33
170+10 to 174+72	LT	1338.4	16.6	16.6	16.6	0.55
174+72 to 179+21	LT	1586.5	19.7	19.7	19.7	0.66
179+21 to 183+18	LT	705.5	8.7	8.7	8.7	0.29
183+18 to 196+57	LT	3637.3	45.1	45.1	45.1	1.50
196+57 to 204+00	LT	2023.4	25.1	25.1	25.1	0.84
155+00 to 156+88	RT	604.2	7.5	7.5	7.5	0.25
156+88 to 162+70	RT	1197.0	14.8	14.8	14.8	0.49
162+70 to 166+37	RT	800.4	9.9	9.9	9.9	0.33
166+37 to 170+13	RT	837.5	10.4	10.4	10.4	0.35
170+13 to 174+72	RT	988.0	12.2	12.2	12.2	0.41
174+72 to 179+08	RT	686.1	8.5	8.5	8.5	0.28
179+08 to 183+39	RT	1837.4	22.8	22.8	22.8	0.76
183+39 to 187+47	RT	757.4	9.4	9.4	9.4	0.31
187+47 to 191+04	RT	712.3	8.8	8.8	8.8	0.29
191+04 to 204+00	RT	2463.3	30.5	30.5	30.5	1.02
TOTAL		23388	290	290	290	9.7

STONE RIPRAP, CLASS A5 SCHEDULE

LOCATION	TONS
178+75 TO 179+00 LT	90
MAPLE ST. 56+15 LT	25
TOTAL	115

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SCHEDULE OF QUANTITIES**  
 FAP 681 (IL RTE. 116)  
 SECTION (115)RS-1  
 LIVINGSTON COUNTY  
 VILLAGE OF CULLOM  
 SCALE: AS SHOWN  
 DATE: \_\_\_\_\_  
 DRAWN BY: EJR  
 CHECKED BY: KCM  
**McDonough-Whitlow, P.C.**  
 Consulting Engineers & Land Surveyors  
 138 East Wood Street  
 Havana, IL 62049  
 Phone: 217.532.8233  
 Fax: 217.532.4300  
 ME PROJ. # 01-060

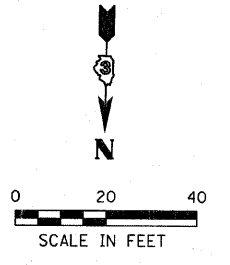
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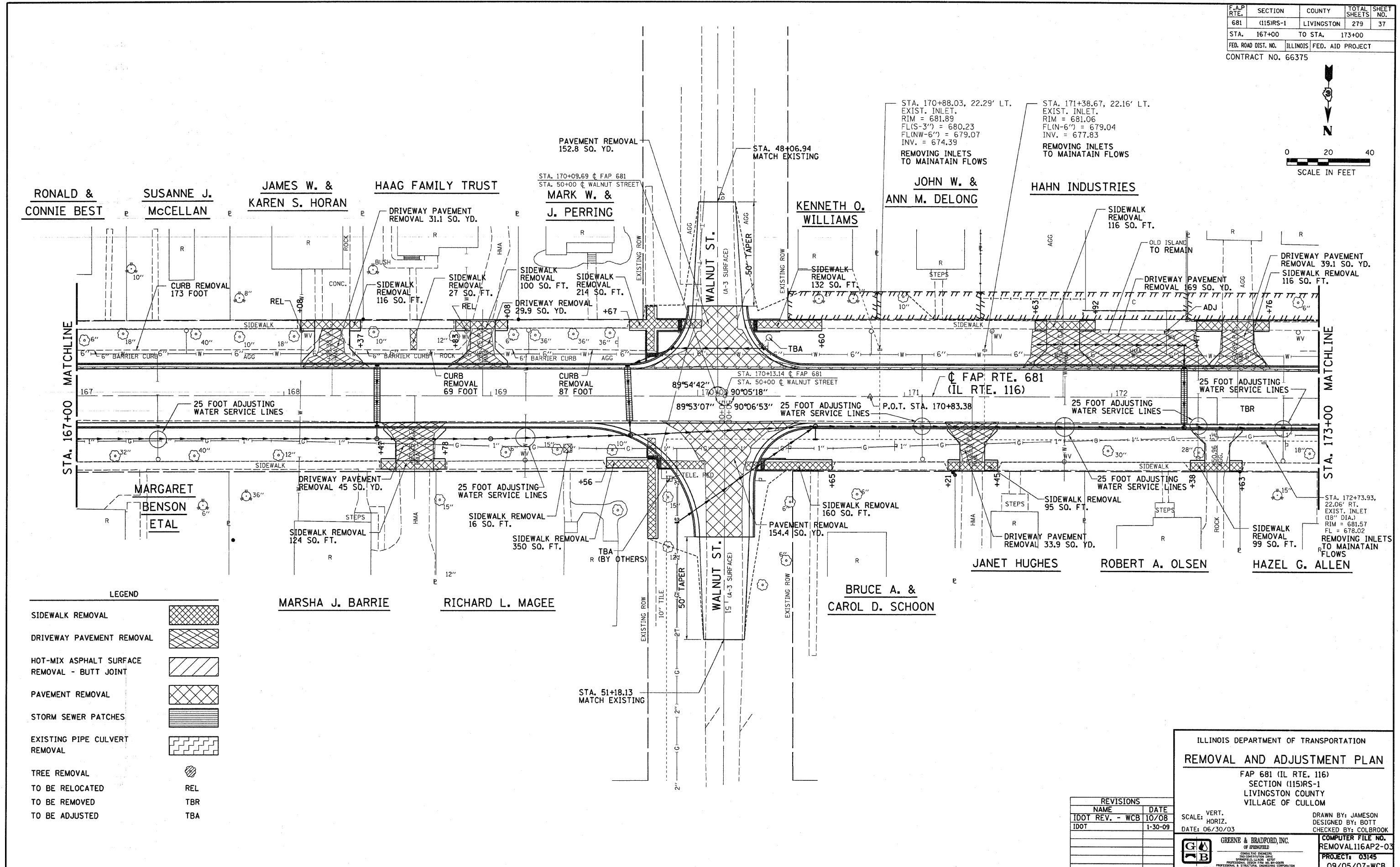


DESIGN		
INT. DATE	REASON	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	37
STA. 167+00		TO STA. 173+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66375				



PLOTS & CHECKS		
INT. DATE	NO.	REASON



**LEGEND**

SIDEWALK REMOVAL	
DRIVEWAY PAVEMENT REMOVAL	
HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	
PAVEMENT REMOVAL	
STORM SEWER PATCHES	
EXISTING PIPE CULVERT REMOVAL	
TREE REMOVAL	
TO BE RELOCATED	REL
TO BE REMOVED	TBR
TO BE ADJUSTED	TBA

**REVISIONS**

NAME	DATE
IDOT REV. - WCB	10/08
IDOT	1-30-09

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**REMOVAL AND ADJUSTMENT PLAN**  
 FAP 681 (IL RTE. 116)  
 SECTION (115)RS-1  
 LIVINGSTON COUNTY  
 VILLAGE OF CULLOM

SCALE: VERT. 1"=20'  
 HORIZ. 1"=40'  
 DATE: 06/30/03

DRAWN BY: JAMESON  
 DESIGNED BY: BOTT  
 CHECKED BY: COLBROOK

GREENE & BRADFORD, INC.  
 OF SPRINGFIELD  
 REGISTERED PROFESSIONAL ENGINEERS  
 PROFESSIONAL DESIGN FIRM NO. 04-0078  
 PROFESSIONAL & CONSULTING ENGINEERS CORPORATION  
 1217 780-8444, 1217 780-8227 FAX, ILL. REG. NO. 04-0078

COMPUTER FILE NO.  
 REMOVAL116AP2-03  
 PROJECT: 03145  
 09/05/07-WCB























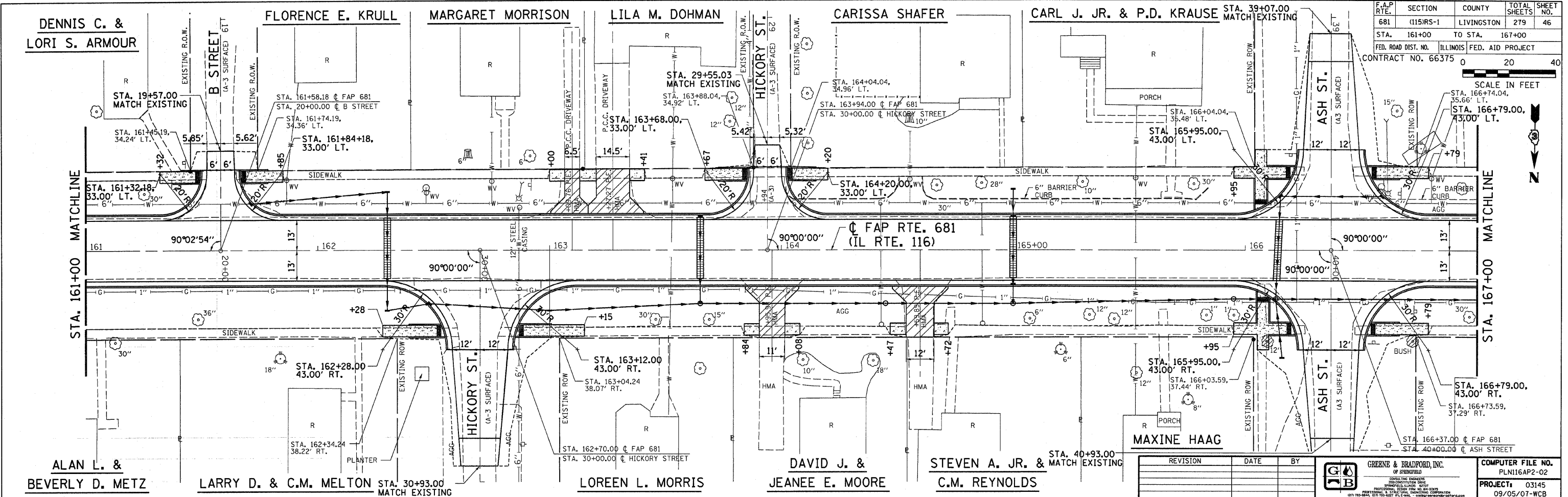
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PLAN	DATE	BY

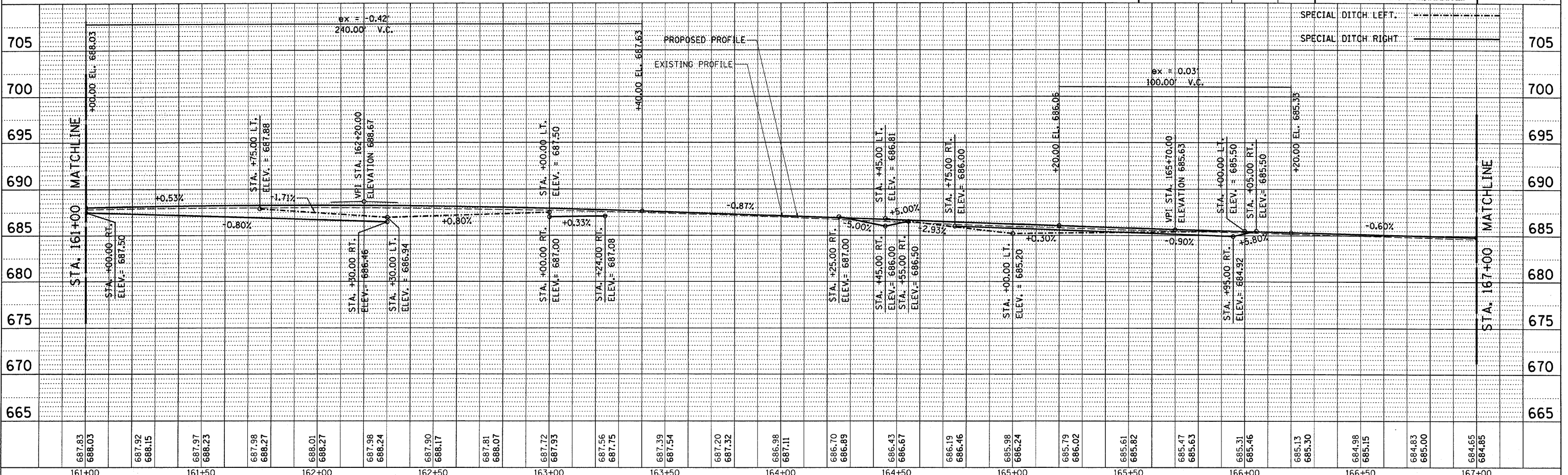
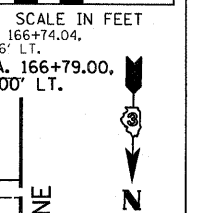
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PROFILE	DATE	BY

CHECKS	INT.	DATE	REASON



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	46
STA. 161+00	TO STA.	167+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO.	66375	0	20	40



REVISION	DATE	BY



COMPUTER FILE NO.	PROJECT	DATE
PLN16AP2-02	03145	09/05/07-WCB

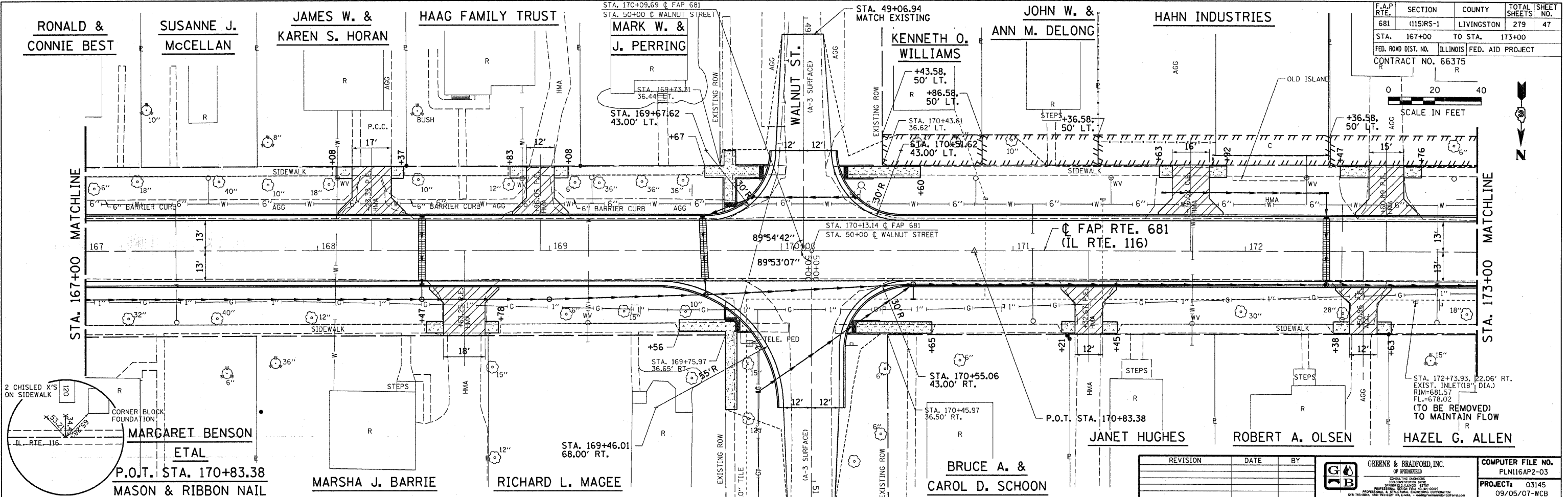
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PLAN	DATE	BY	NO.

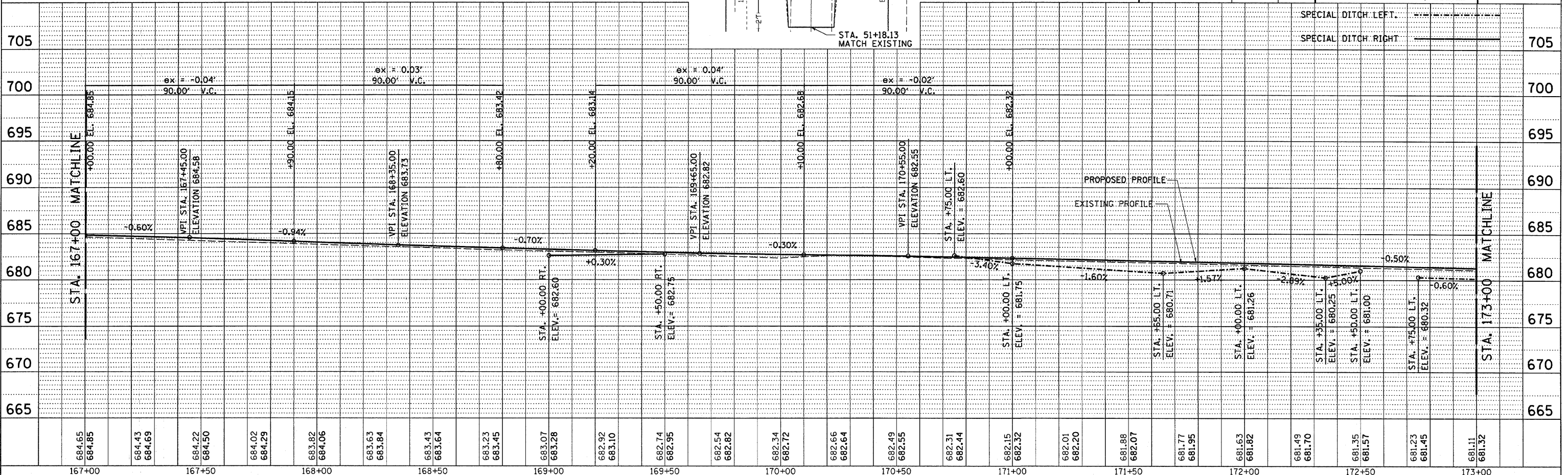
PLOTS & CHECKS	INT.	DATE	NO.	REASON

PROFILE	DATE	BY	NO.

CHECKS	INT.	DATE	REASON



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	47
STA. 167+00	TO STA. 173+00			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 66375				



REVISION	DATE	BY

**GREEN & BRADFORD, INC.**  
 OF SPRINGFIELD  
 CONSULTING ENGINEERS  
 200 INDUSTRIAL DRIVE  
 SPRINGFIELD, ILLINOIS 62707  
 PROFESSIONAL ENGINEERS LICENSE NO. 0000000000  
 (314) 752-8844 (314) 752-5221 FAX (314) 752-8844

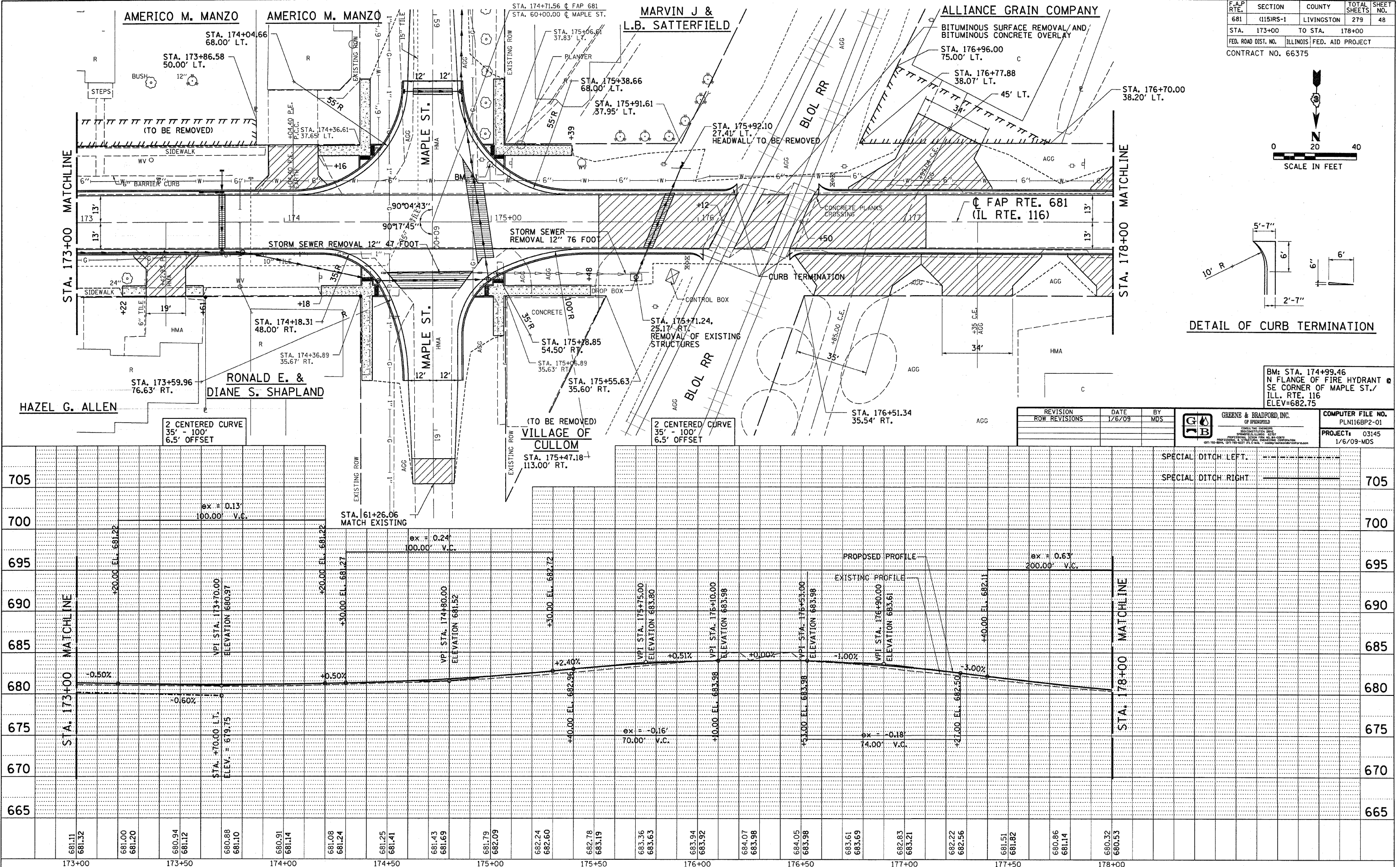
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PLAN	DATE	BY

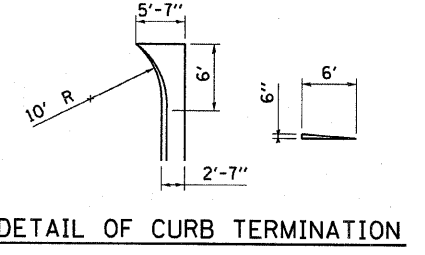
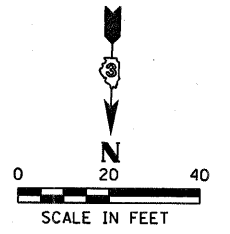
PLOTS & CHECKS	INT. DATE	NO.	REASON

PROFILE	DATE	BY

CHECKS	INT. DATE	REASON



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	48
STA. 173+00		TO STA. 178+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 66375				



BM: STA. 174+99.46  
N FLANGE OF FIRE HYDRANT @  
SE CORNER OF MAPLE ST./  
ILL. RTE. 116  
ELEV=682.75

REVISION	DATE	BY
ROW REVISIONS	1/6/09	MDS

GREENE & BRADFORD, INC.  
OF SPRINGFIELD  
CONSULTING ENGINEERS  
REGISTERED PROFESSIONAL ENGINEERS  
PROFESSIONAL SEAL AND LICENSE NO. 001-150-004  
1/6/09-MDS

COMPUTER FILE NO.  
PLN116BP2-01  
PROJECT: 03145  
1/6/09-MDS



DESIGN	INT. DATE	REASON

PLAN	DATE	BY	REASON

PLOTS & CHECKS	INT. DATE	NO.	REASON

PROFILE	DATE	BY	REASON

CHECKS	INT. DATE	REASON

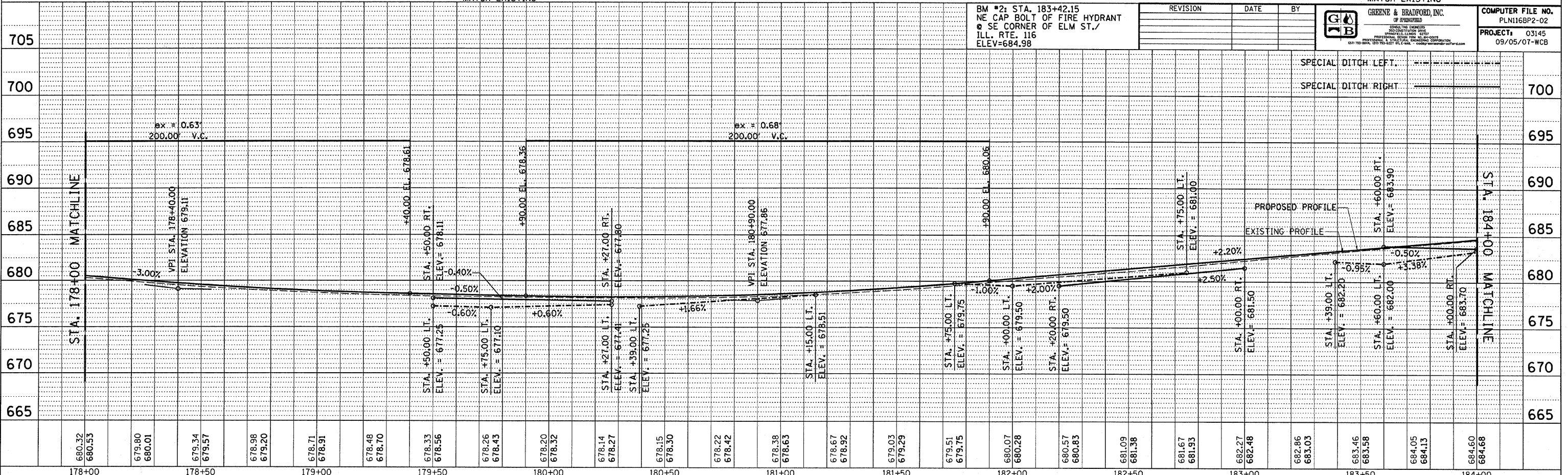
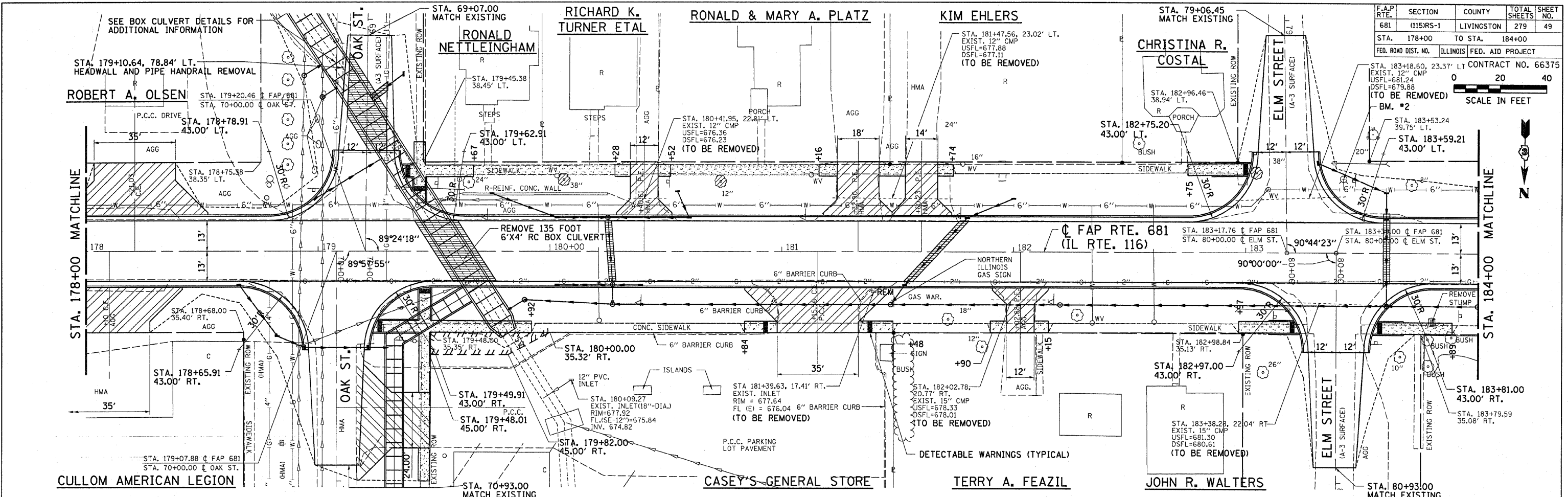
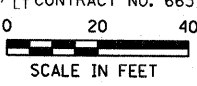
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	49

STA.	TO STA.	CONTRACT NO.
178+00	184+00	66375

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



IDOTPP-20 - 120 8/07/00

PLAN & PROFILE - FAP 681 (IL RTE. 116) LIVINGSTON COUNTY

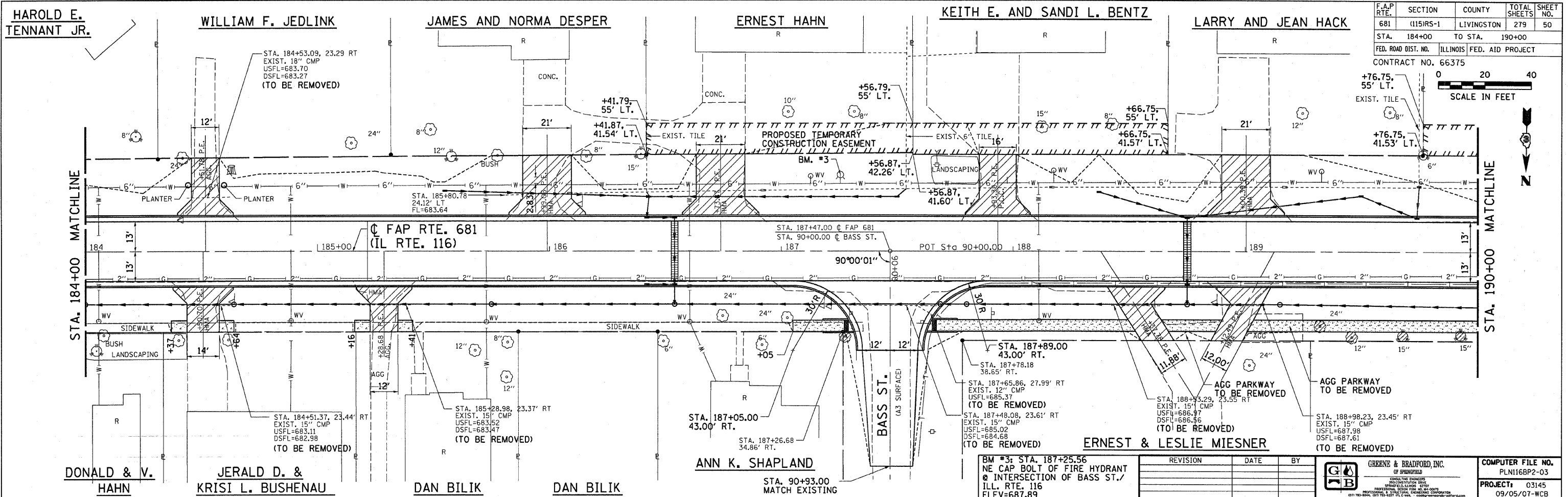
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PLAN	DATE	BY

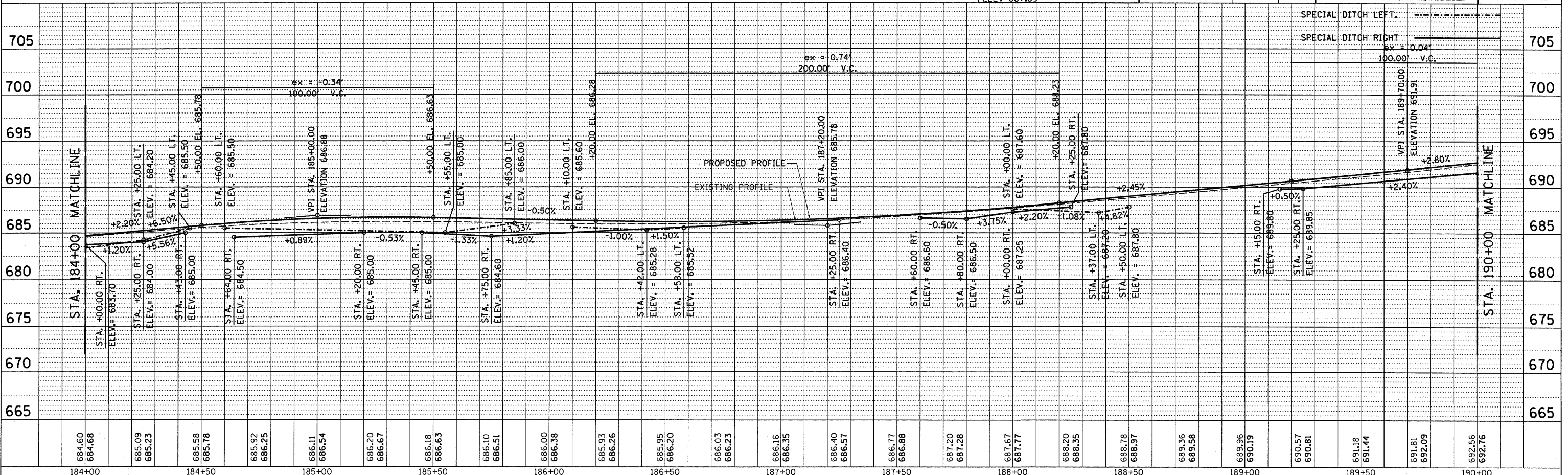
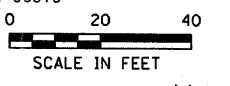
PLOTS & CHECKS	INT.	DATE	NO.	REASON

PROFILE	DATE	BY

CHECKS	INT.	DATE	REASON



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	50
STA. 184+00	TO STA. 190+00		CONTRACT NO. 66375	
ILLINOIS FED. AID PROJECT				



BM #3: STA. 187+25.56  
NE CAP BOLT OF FIRE HYDRANT  
@ INTERSECTION OF BASS ST./  
ILL. RTE. 116  
ELEV=687.89

REVISION	DATE	BY

**GREENE & BRADFORD, INC.**  
CONSULTING ENGINEERS  
OF SPRINGFIELD

PROJECT: 03145  
09/05/07-WCB

COMPUTER FILE NO.  
PLN116BP2-03



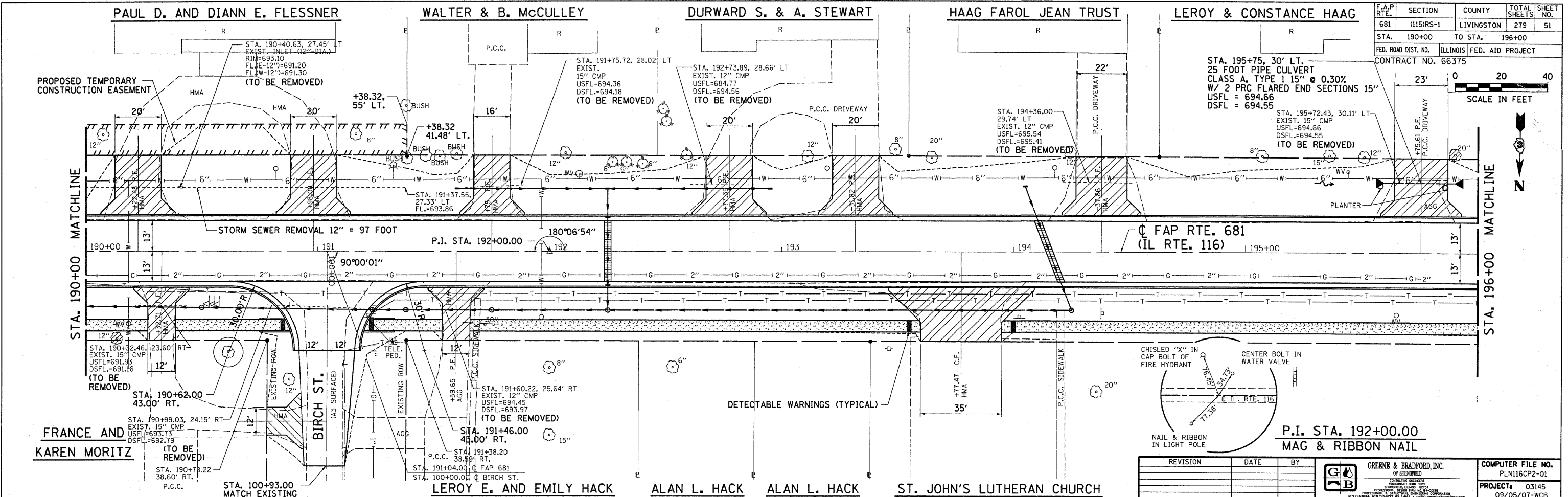
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PLAN	DATE	BY

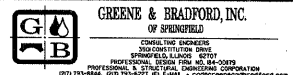
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PROFILE	DATE	BY

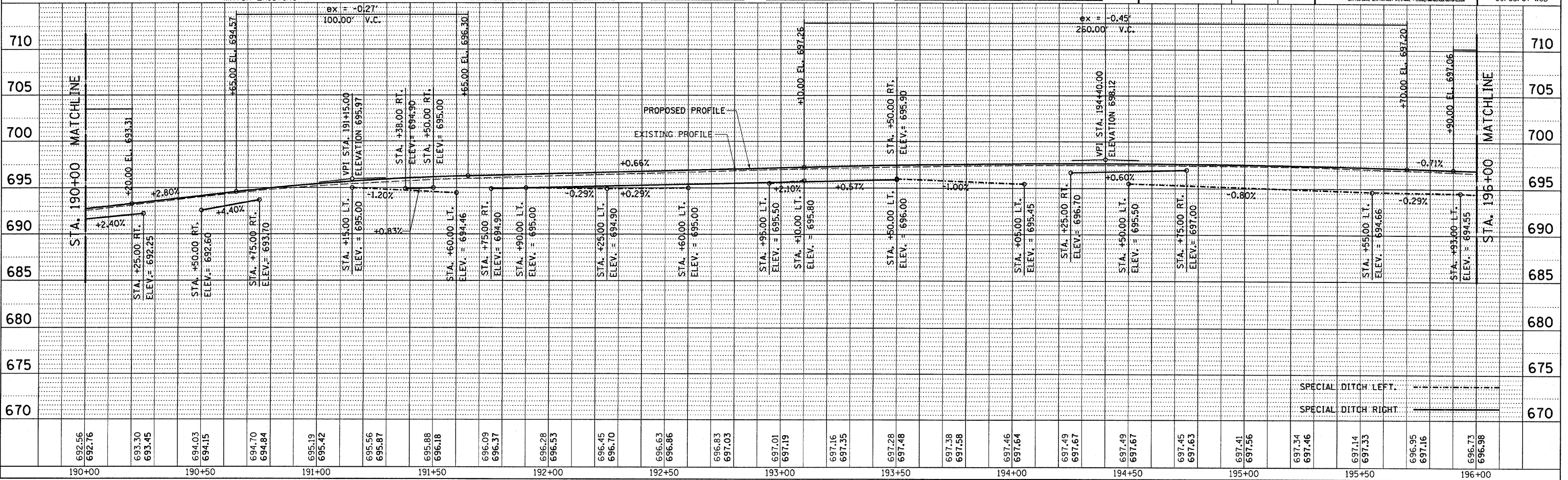
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REVISION	DATE	BY



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PROJECT	03145
DATE	09/05/07-WCB



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PLAN	DATE	BY

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PROFILE	DATE	BY

CHECKS	INT.	DATE	REASON

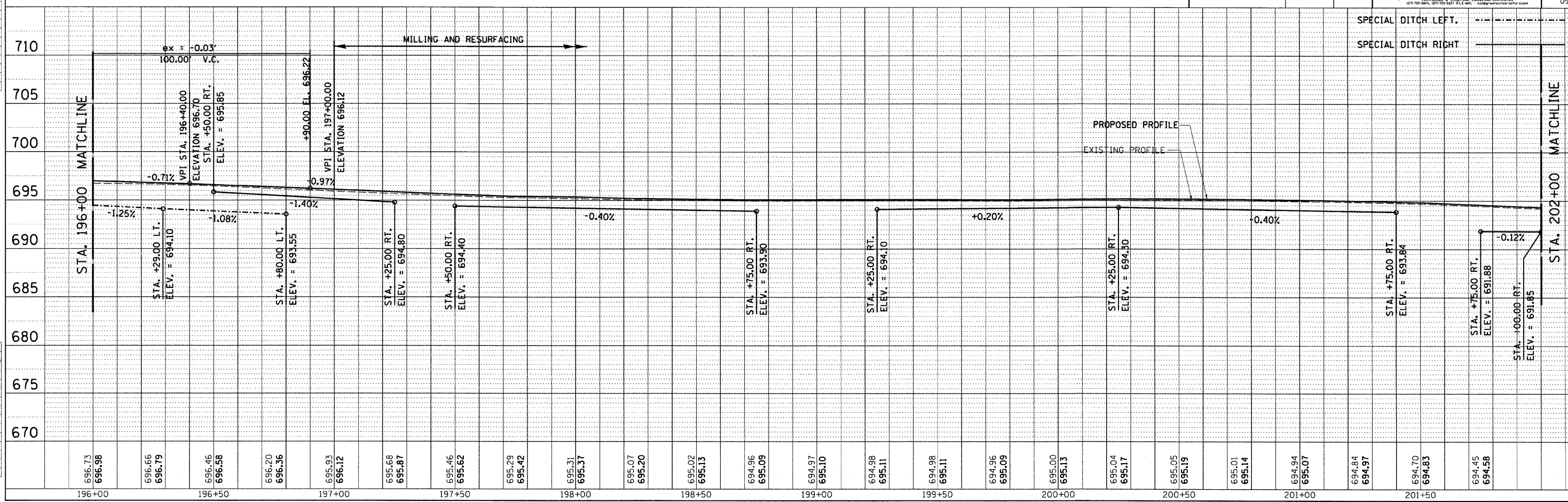
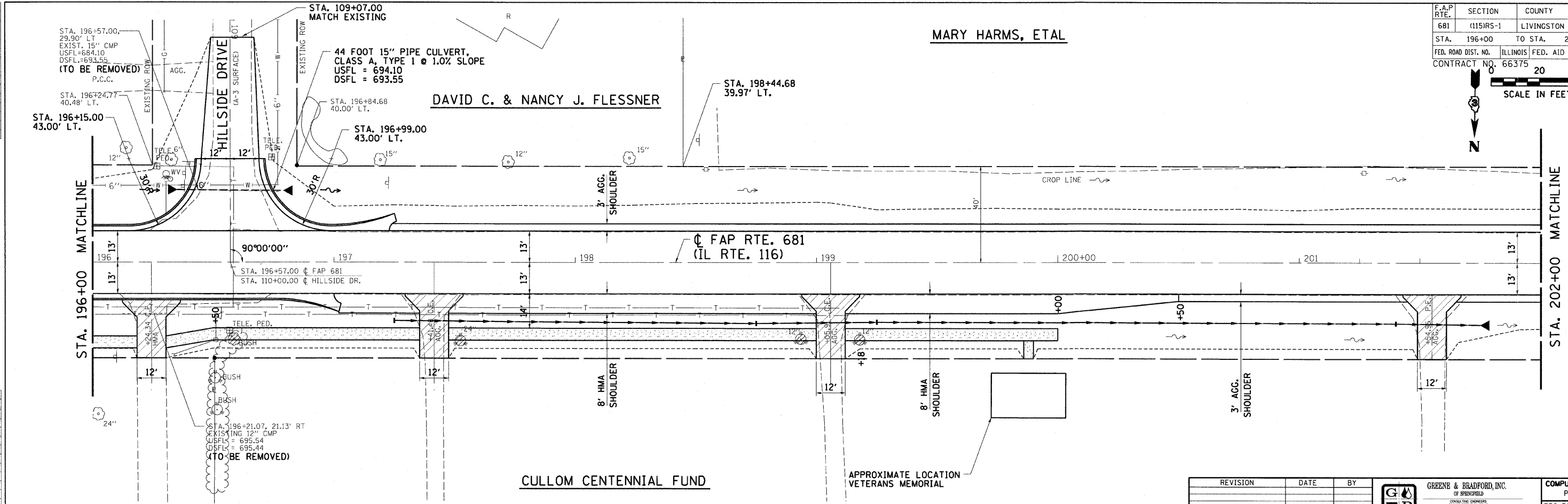
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	52

STA.	TO STA.
196+00	202+00

FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
66375	20 40

CONTRACT NO. 66375

SCALE IN FEET

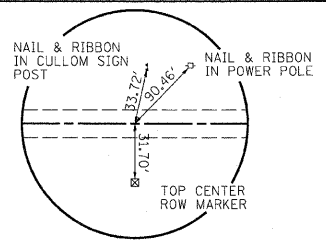


REVISION	DATE	BY

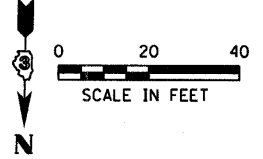
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PROJECT: 03145		09/05/07-WCB

INT.	DATE	REASON

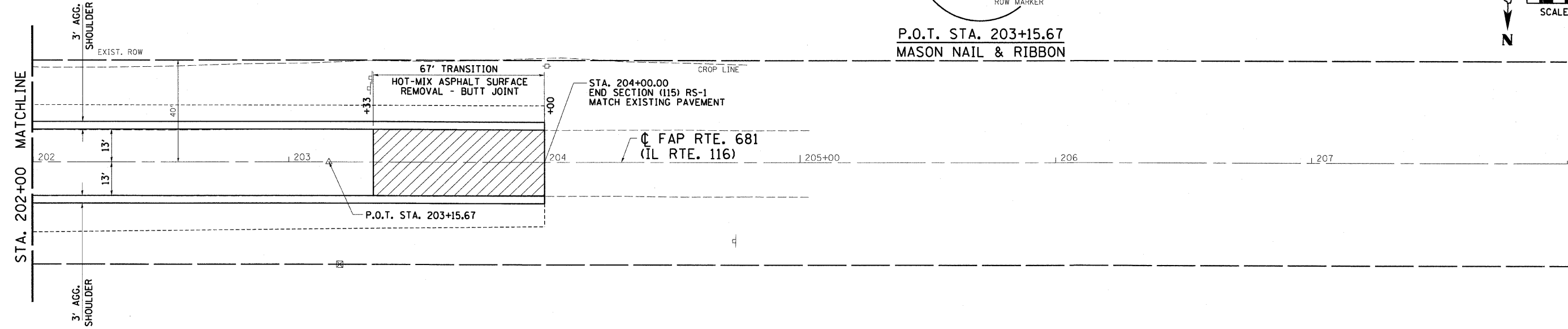
MARY HARMS, ETAL



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	53
STA. 202+00	TO STA. 206+00			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 66375				



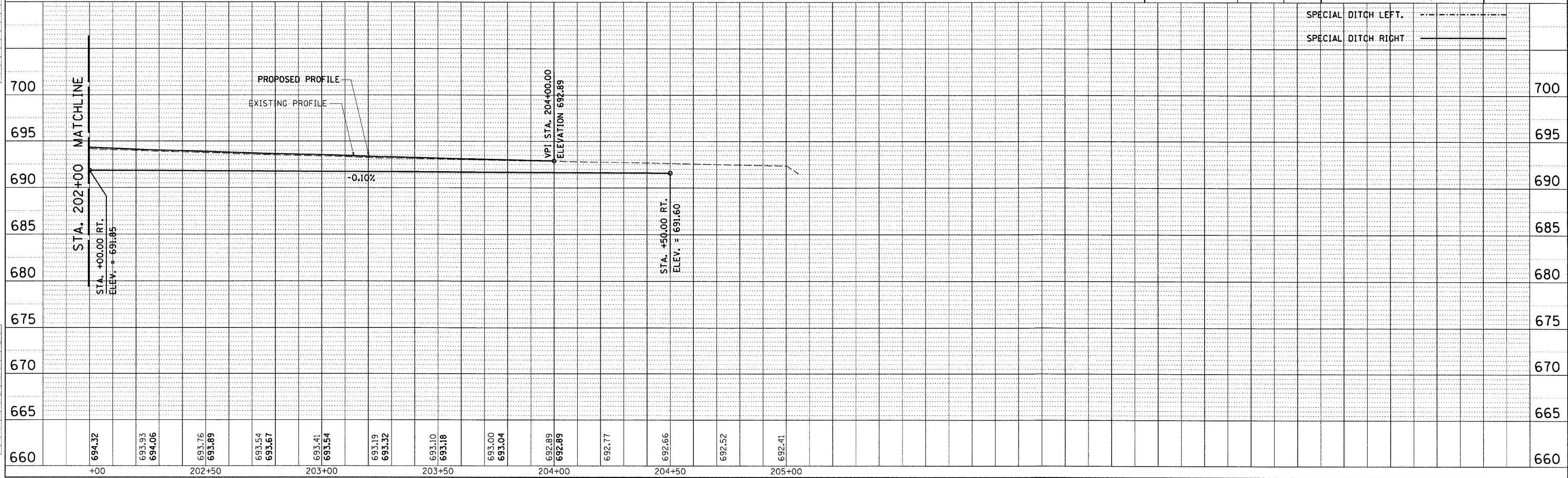
P.O.T. STA. 203+15.67  
MASON NAIL & RIBBON



CULLOM CENTENNIAL FUND

REVISION	DATE	BY

	GREENE & BRADFORD, INC. OF SPRINGFIELD CONSULTING ENGINEERS ARCHITECTS & PLANNERS SURVEYORS & LAND SURVEYORS PROFESSIONAL DESIGN FIRM REG. NO. 0019 PROJECTS, DESIGN, CONSTRUCTION ADMINISTRATION 4017 TWO BEAR, 6TH FLOOR, ST. LOUIS, MISSOURI 63110	COMPUTER FILE NO. PLN116CP2-03 PROJECT: 03145 09/05/07-WCB
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INT.	DATE	REASON



DESIGN	INT.	DATE	REASON

PLAN	DATE	BY

PLOTS & CHECKS	INT.	DATE	REASON

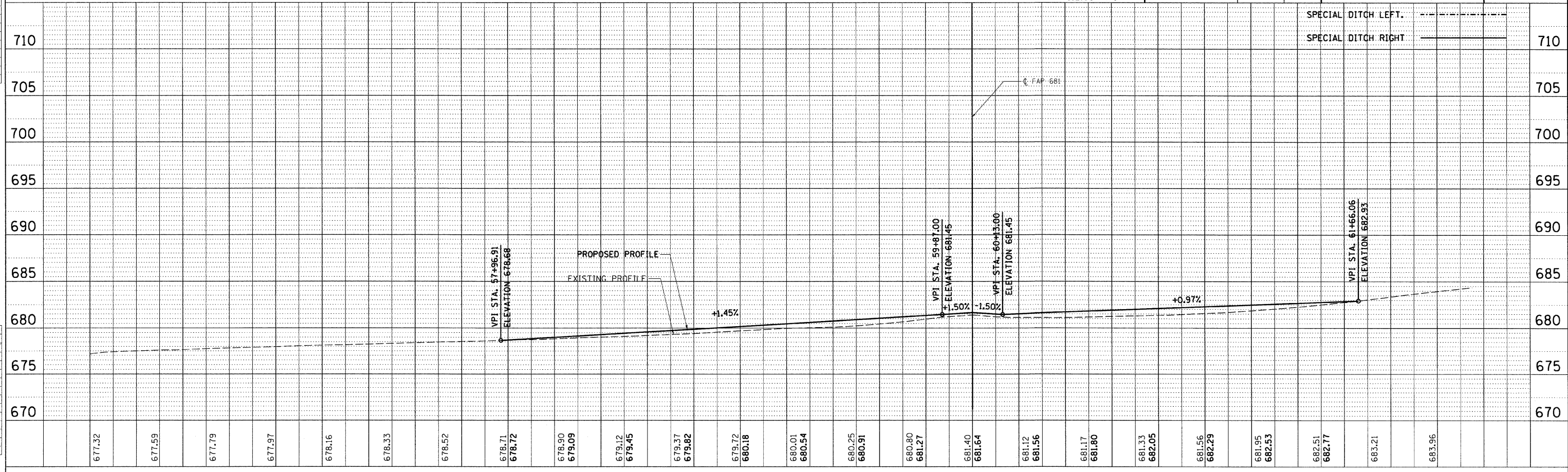
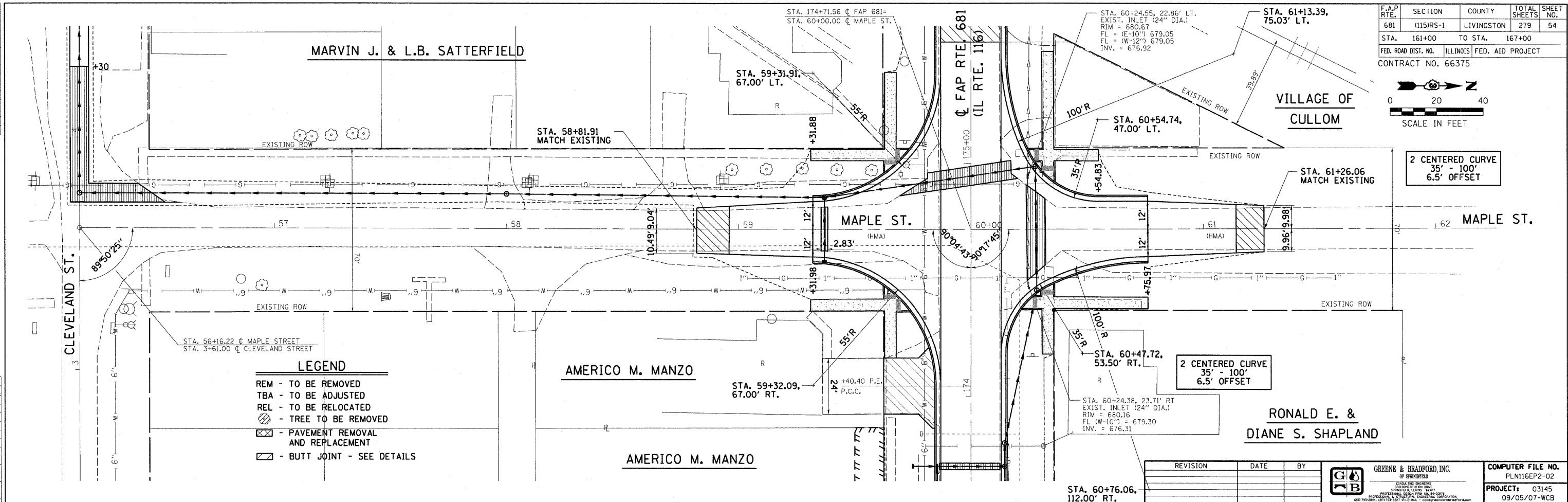
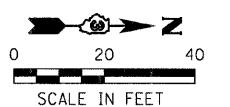
PROFILE	DATE	BY

CHECKS	INT.	DATE	REASON

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	54

FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
161+00 TO STA. 167+00	

CONTRACT NO.
66375



100TPP-20 - 1:20 8/07/00

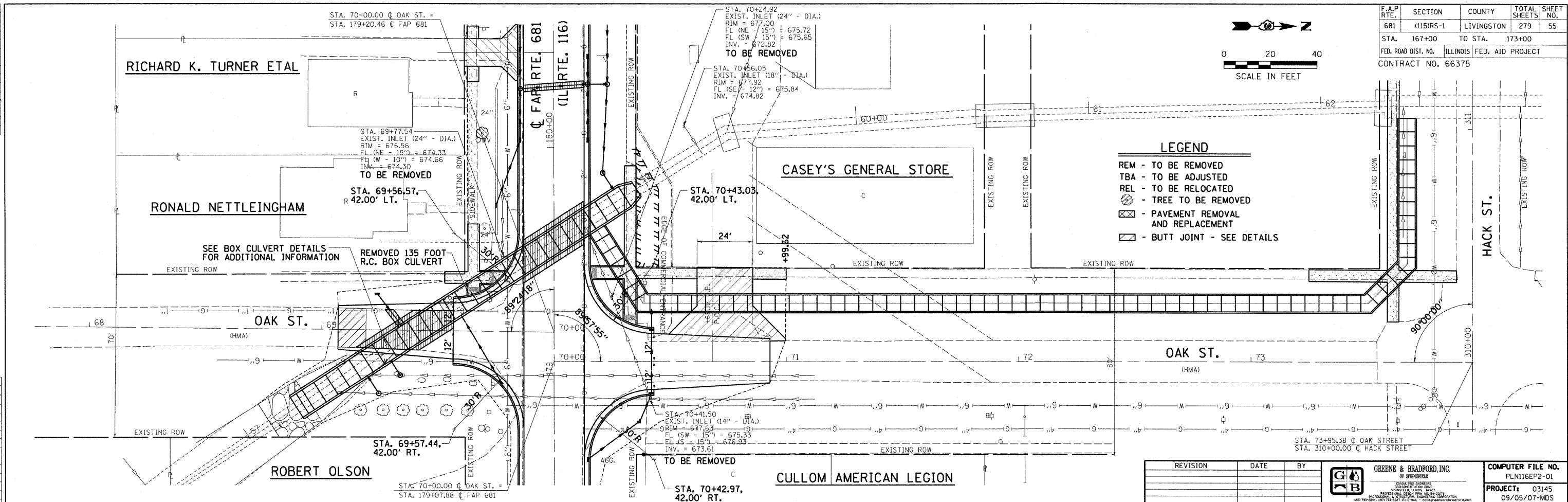
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PLANS		
NO.	DATE	BY

PLOTS & CHECKS		
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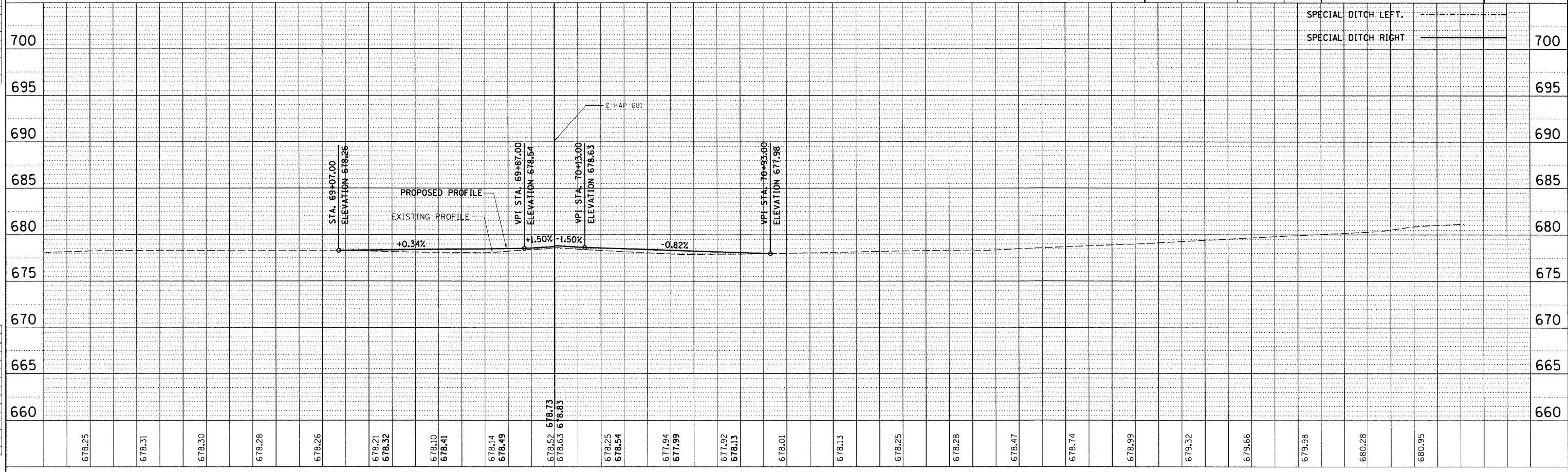
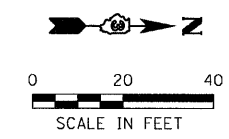
PROFILE		
NO.	DATE	BY

CHECKS		
INT.	DATE	REASON



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	55

STA. 167+00 TO STA. 173+00  
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT  
 CONTRACT NO. 66375



REVISION	DATE	BY

**GREENE & BRADFORD, INC.**  
 OF SPRINGFIELD  
 REGISTERED PROFESSIONAL ENGINEERS  
 LICENSE NO. 03145  
 PROJECT: 09/05/07-MDS

DESIGN		
INT.	DATE	REASON

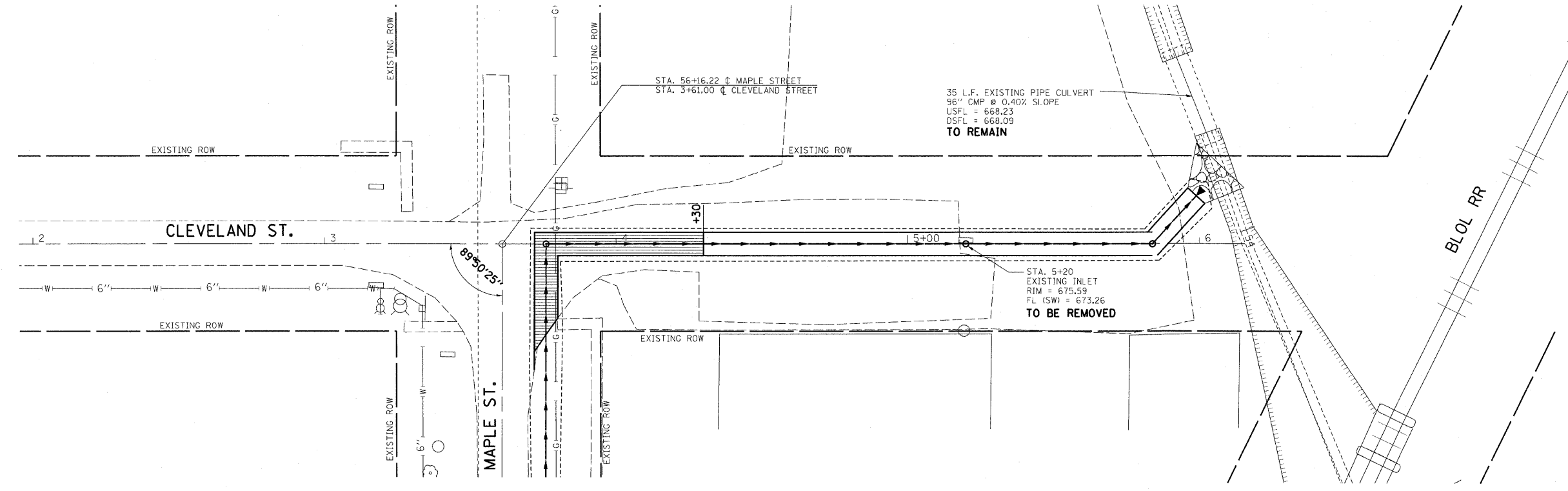
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NOTE BOOK NO.	BY	DATE	DATE
NO.	FILE NAME	NO.	FILE NAME

PLOTS & CHECKS		
INT.	DATE	REASON

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	BY	DATE	DATE
NO.	FILE NAME	NO.	FILE NAME

CHECKS		
INT.	DATE	REASON

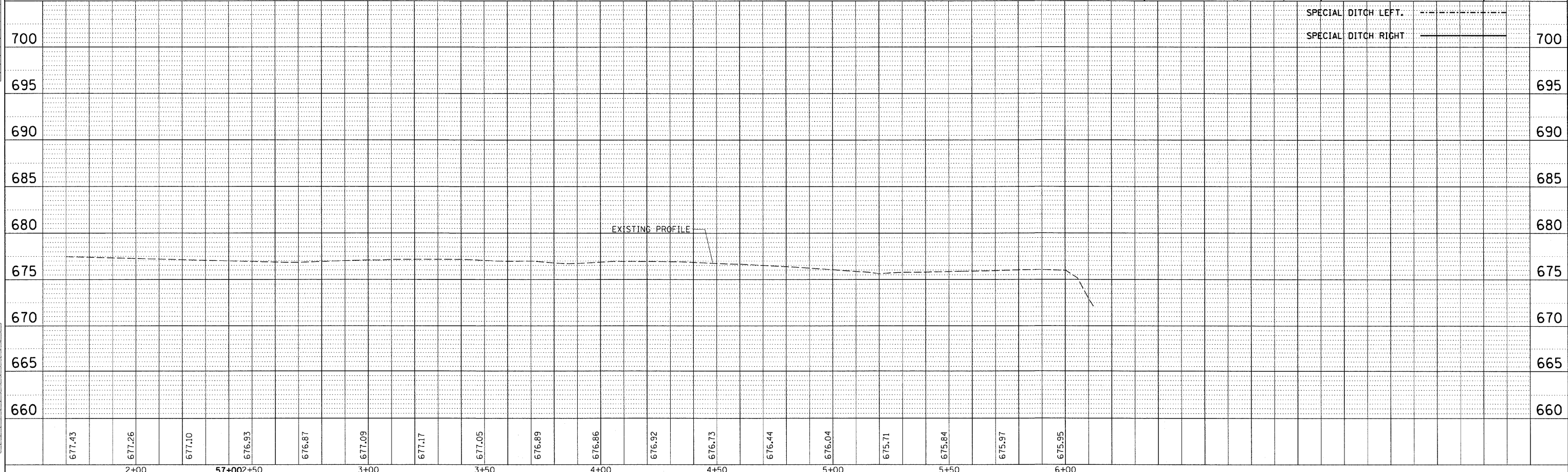
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681	(115)RS-1	LIVINGSTON	279	56
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66375				



REVISION	DATE	BY



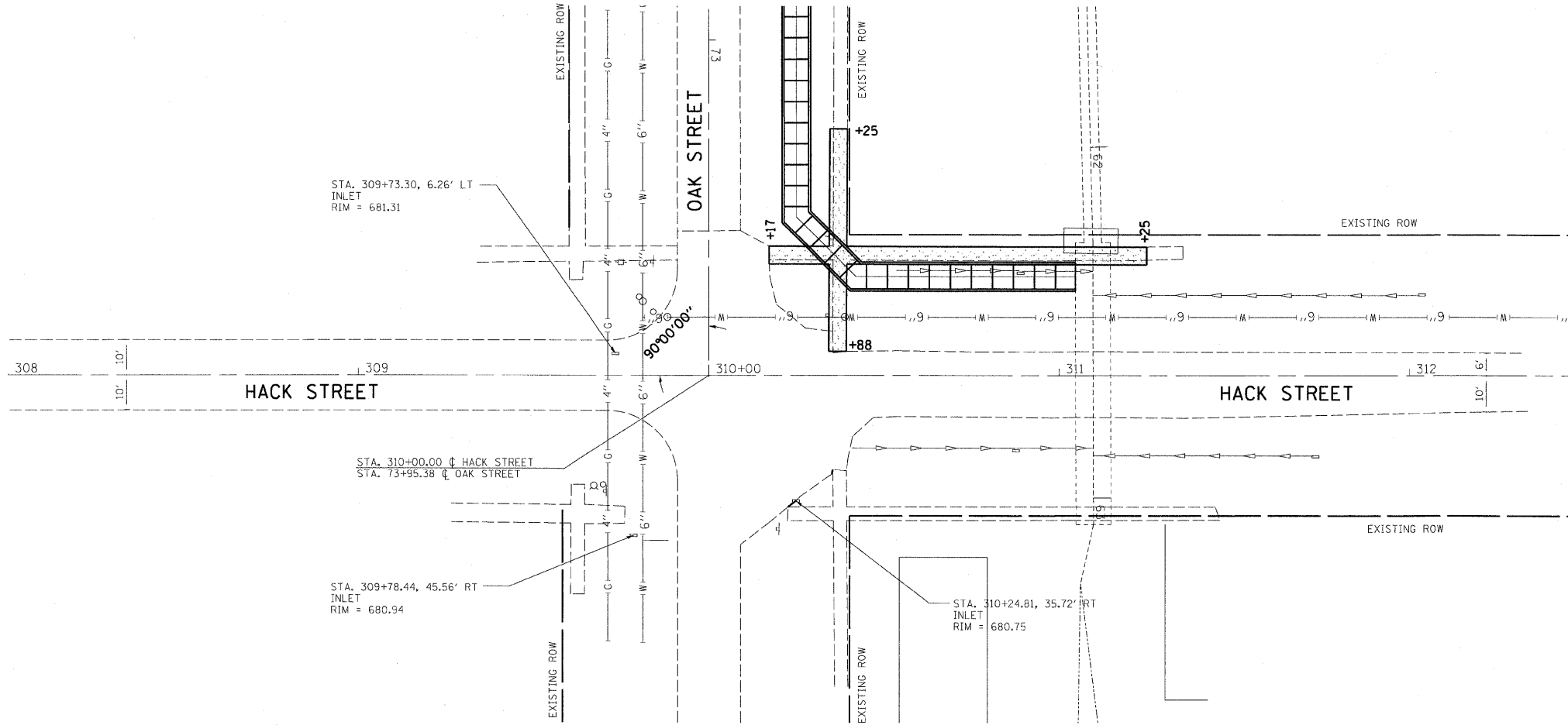
COMPUTER FILE NO.
PLN1161P2-01
PROJECT: 03145
09/05/07-WCB



1001PP-20 - 1:20 8/07/00



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	57
STA. 178+00	TO STA. 184+00			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66375				



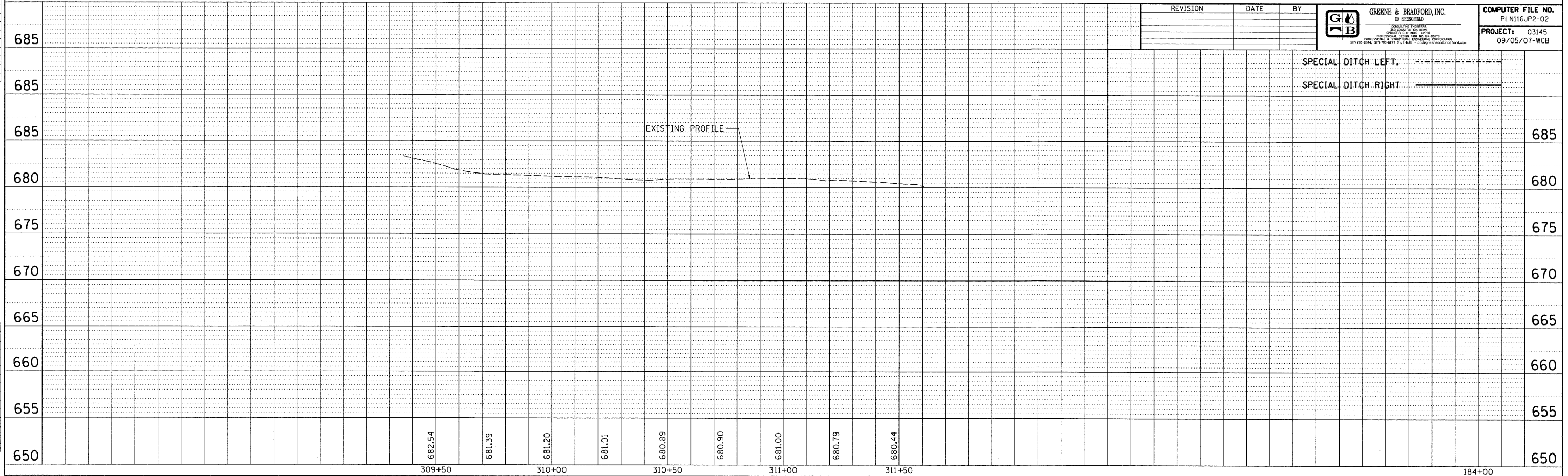
INT.	DATE	REASON

DATE	BY	SURVEYED	PLOTTED	CHECKED	RT. OF WAY CHECKED	PAID FILE NAME

INT.	DATE	NO.	REASON

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REVISION	DATE	BY

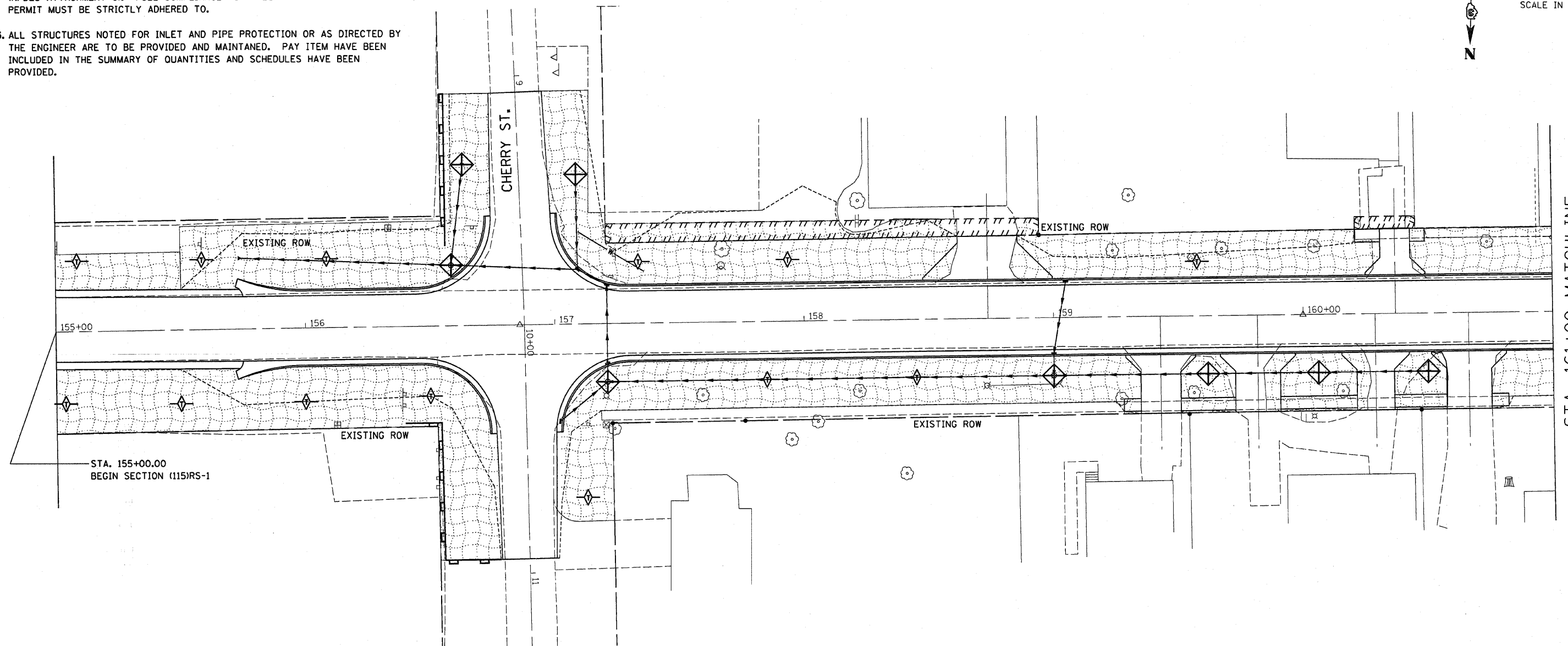
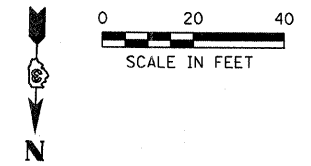
	GREENE & BRADFORD, INC. OF SPRINGFIELD	COMPUTER FILE NO. PLN116JP2-02
<small>           LOCAL LICENSED PROFESSIONAL ENGINEER            STATE OF ILLINOIS, LICENSE NO. 03145            PROFESSIONAL ENGINEERING CORPORATION            1215 WEST 31ST ST., CHICAGO, ILL. 60616-4060         </small>		PROJECT: 03145 09/05/07-WCB

SPECIAL DITCH LEFT.	
SPECIAL DITCH RIGHT	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	58
STA.	155+00.00	TO STA.	161+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66375				

**GENERAL EROSION CONTROL NOTES:**

1. TREE ROOT PRUNING WILL BE REQUIRED FOR THIS PROJECT. TREE ROOT PRUNING WILL BE DETERMINED BY THE ENGINEER AT THE START OF CONSTRUCTION. PAY ITEMS HAVE BEEN INCLUDED IN THE SUMMARY OF QUANTITIES AND SCHEDULES HAVE BEEN PROVIDED.
2. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT CERTIFICATION STATEMENT (NPDES ATTACHMENT 6). FULL COMPLIANCE WITH ALL TERMS OF THE NPDES PERMIT MUST BE STRICTLY ADHERED TO.
3. ALL STRUCTURES NOTED FOR INLET AND PIPE PROTECTION OR AS DIRECTED BY THE ENGINEER ARE TO BE PROVIDED AND MAINTAINED. PAY ITEM HAVE BEEN INCLUDED IN THE SUMMARY OF QUANTITIES AND SCHEDULES HAVE BEEN PROVIDED.



**LEGEND**

- RIPRAP
- TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY EASEMENT
- INLET & PIPE PROTECTION
- DITCH CHECK
- PROPOSED STORM SEWER
- DECIDUOUS TREE/SIZE TO BE REMOVED
- EX DECIDUOUS TREE/SIZE
- EX EVERGREEN TREE/SIZE
- PERIMETER EROSION BARRIER (SEE NOTE 2)

**NOTES:**

1. THE CONSTRUCTION LIMITS WILL BE STAKED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGED CONSTRUCTION LIMITS.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO TEMPORARY CONSTRUCTION FENCE. THE RESIDENT ENGINEER SHALL HAVE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER.
3. SEE LANDSCAPING PLANS FOR SODDING INFORMATION.
4. SEE CROSS SECTIONS FOR GRADING INFORMATION.
5. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.

REVISIONS	
NAME	DATE
IDOT REV. - MDS	10/08

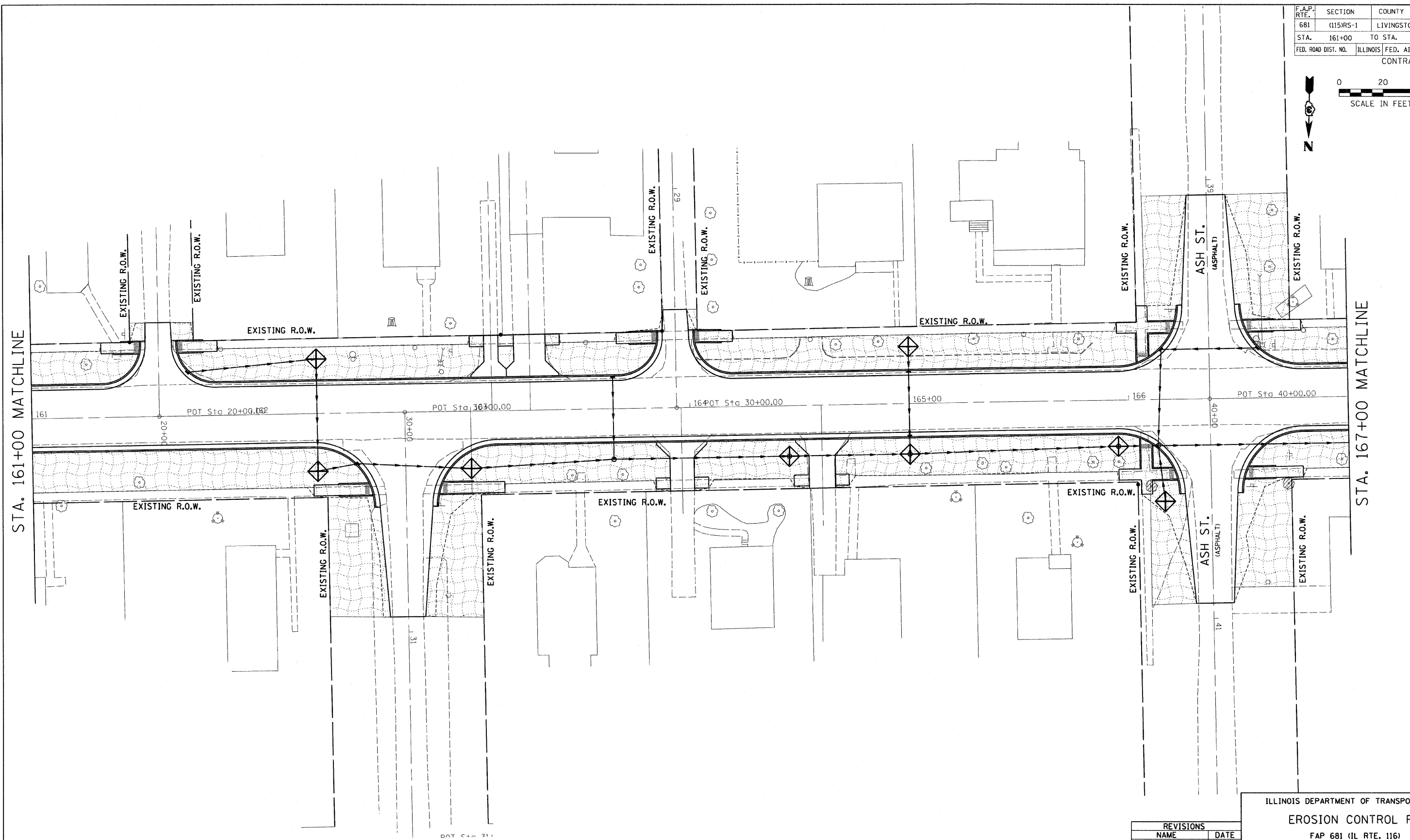
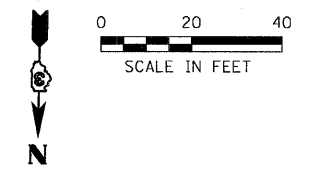
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
 FAP 681 (IL RTE. 116)  
 SECTION (115)RS-1  
 LIVINGSTON COUNTY  
 VILLAGE OF CULLOM

SCALE: AS SHOWN  
 DATE: \_\_\_\_\_  
 DRAWN BY: EJR  
 CHECKED BY: TMM

**McDonough-Whitlow, P.C.**  
 Consulting Engineers & Land Surveyors

138 East Wood Street  
 Havana, IL 62449  
 Phone: 217.532.5233  
 Fax: 217.532.6300  
 MW PROJ. # 03-060

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	59
STA.	161+00	TO STA.	167+00	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 66375	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
 FAP 681 (IL RTE. 116)  
 SECTION (115)RS-1  
 LIVINGSTON COUNTY  
 VILLAGE OF CULLOM

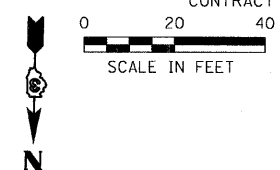
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 DRAWN BY: EJR  
 CHECKED BY: TMM

**McDonough-Whitlow, P.C.**  
 Consulting Engineers & Land Surveyors

138 East Wood Street  
 Hillboro, IL 62049  
 Phone: 217.532.9233  
 Fax: 217.532.4300  
 MW PROJ. \* 03-060

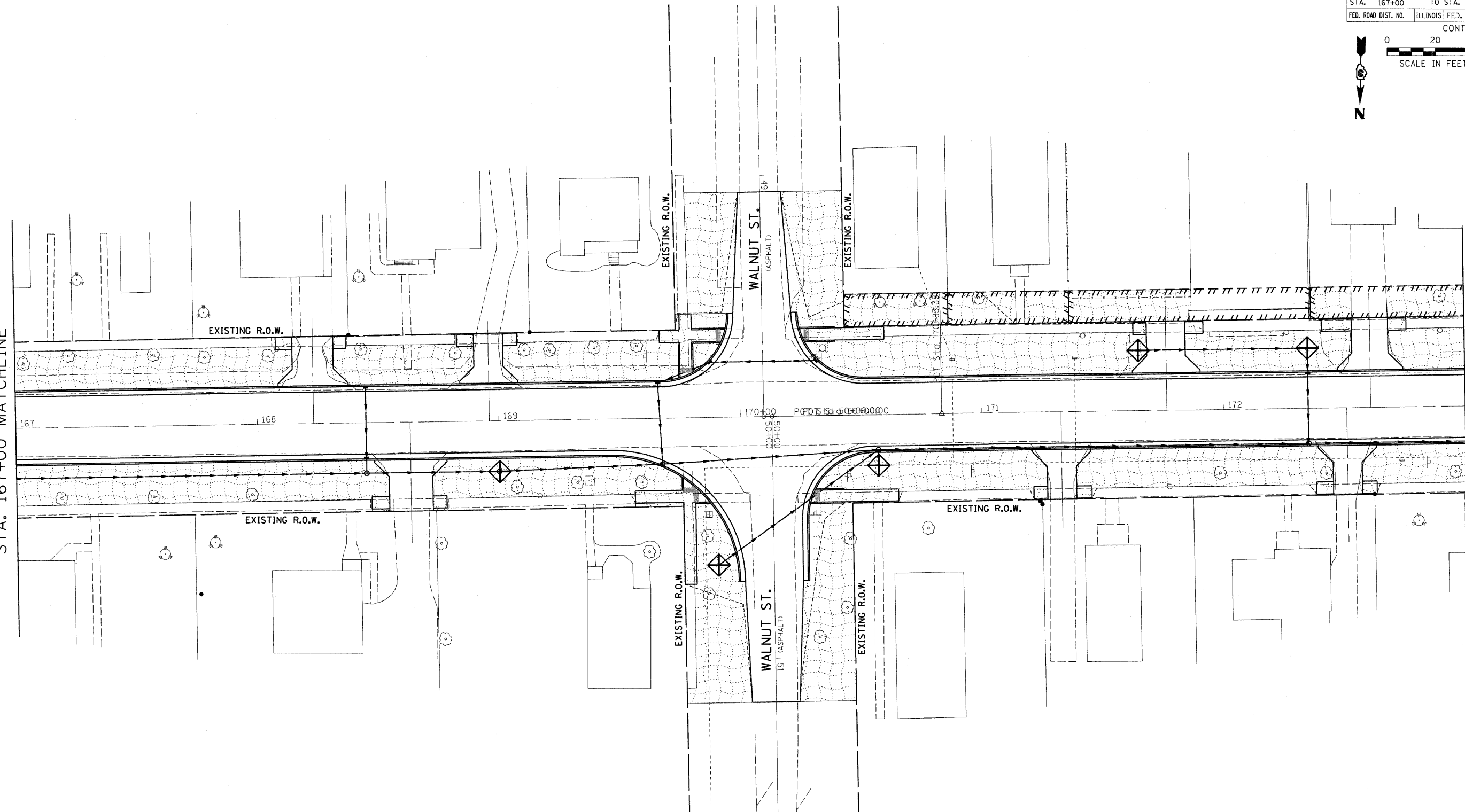
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681	(115)RS-1	LIVINGSTON	279	60
STA. 167+00		TO STA. 173+00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 66375				



STA. 167+00 MATCHLINE

STA. 173+00 MATCHLINE



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
 FAP 681 (IL RTE. 116)  
 SECTION (115)RS-1  
 LIVINGSTON COUNTY  
 VILLAGE OF CULLOM

SCALE: AS SHOWN  
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 CHECKED BY: TMM

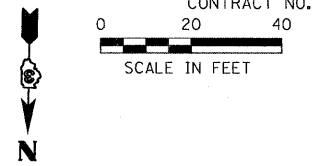
**McDonough-Whitlow, P.C.**  
 Consulting Engineers & Land Surveyors

138 East Wood Street  
 Moline, IL 62409  
 Phone: 271.532.9233  
 Fax: 271.532.6300  
 MWD PROJ. 03-060

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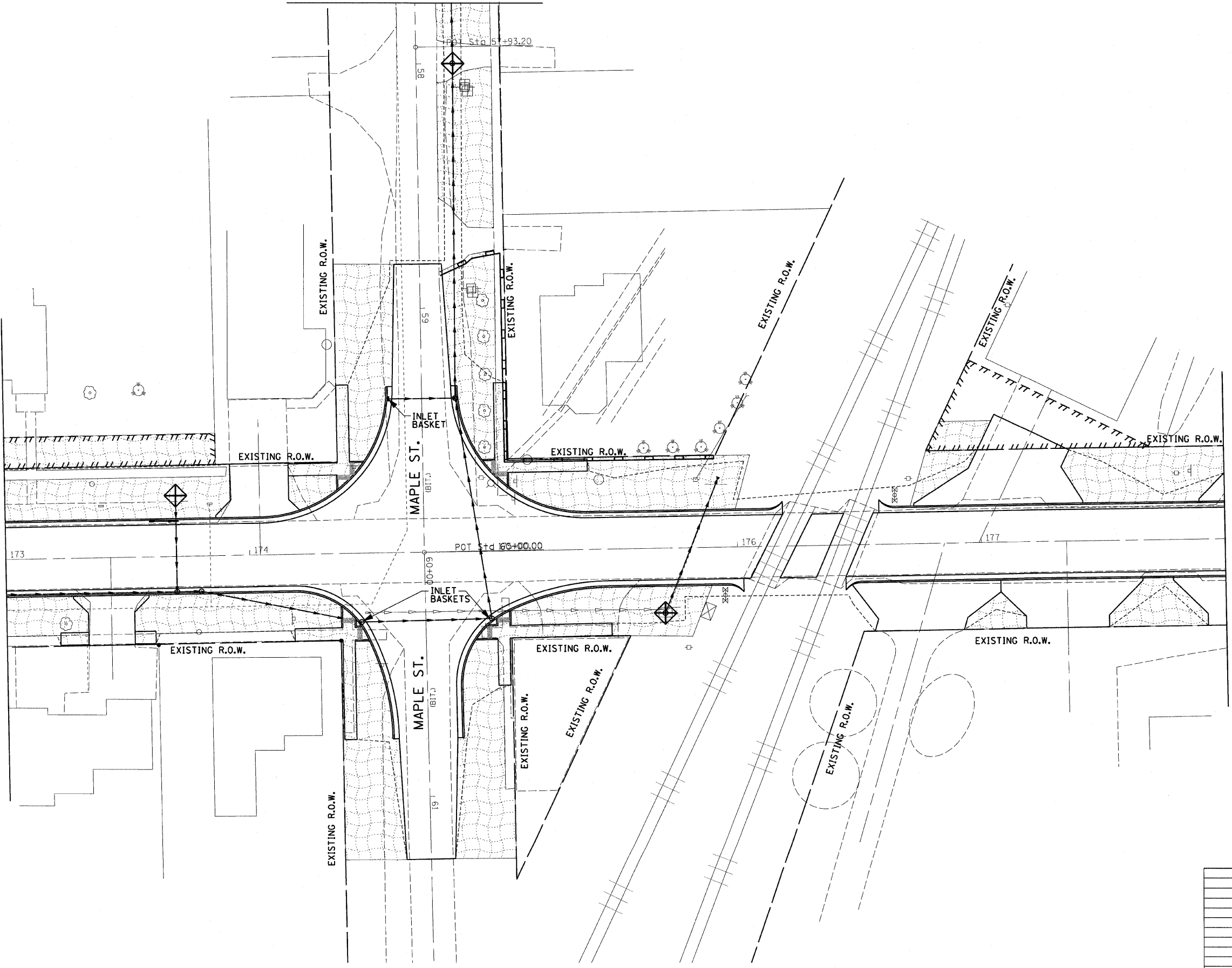
MATCHLINE 57+75.00 (MAPLE ST.)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	61
STA. 173+00	TO STA. 178+00			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 66375	



STA. 173+00 MATCHLINE

STA. 178+00 MATCHLINE



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
 FAP 681 (IL RTE. 116)  
 SECTION (115)RS-1  
 LIVINGSTON COUNTY  
 VILLAGE OF CULLOM

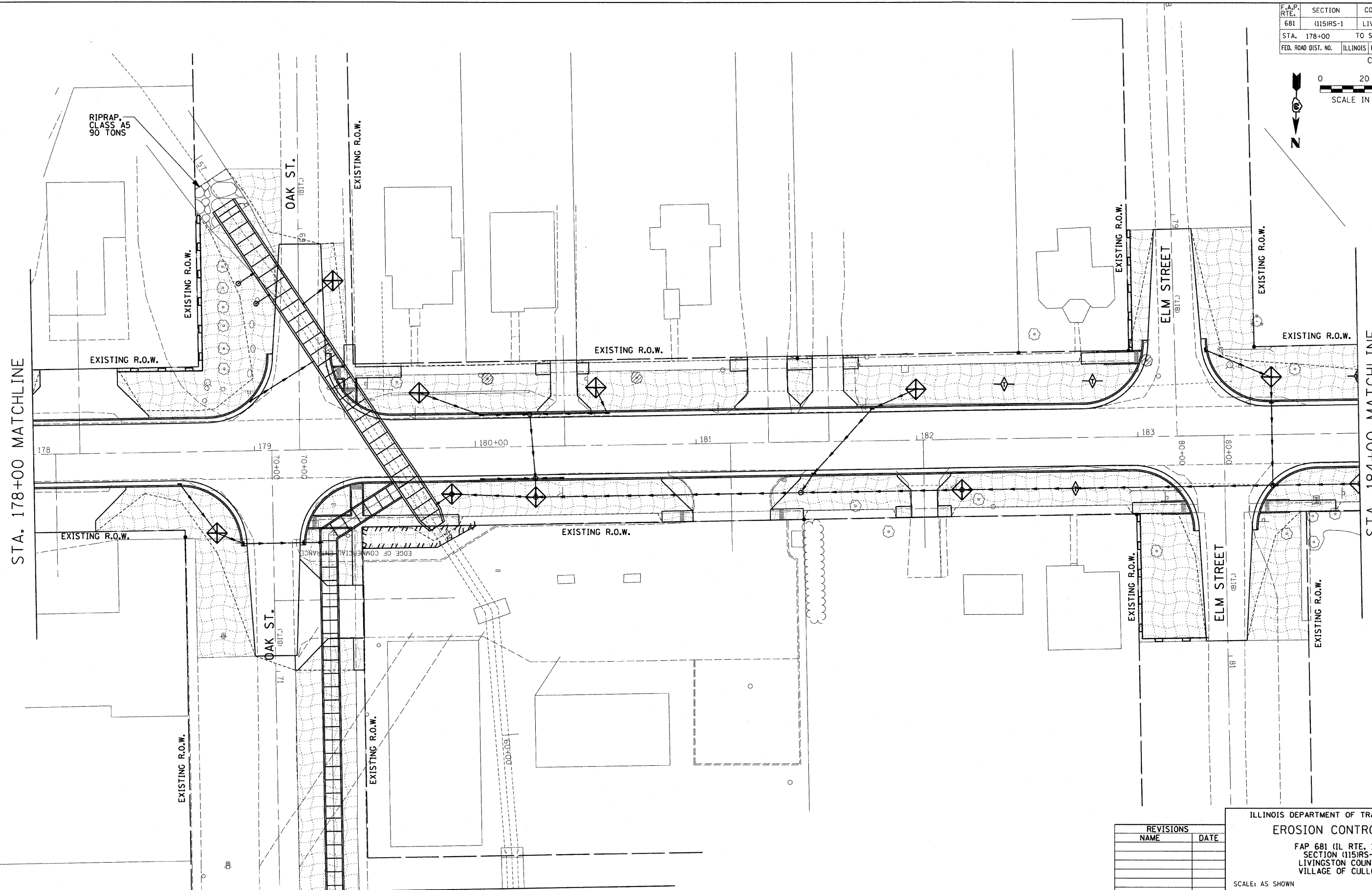
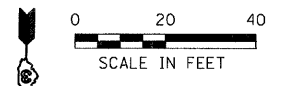
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 CHECKED BY: TMM

**McDonough-Whitlow, P.C.**  
 Consulting Engineers & Land Surveyors

138 East Wood Street  
 Macomb, IL 62439  
 Phone: 217.532.5233  
 Fax: 217.532.6300  
 MW PROJ. # 03-060

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	62
STA. 178+00		TO STA. 184+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66375				



STA. 178+00 MATCHLINE

STA. 184+00 MATCHLINE

MATCHLINE STA. 72+00 (OAK ST.)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
 FAP 681 (IL RTE. 116)  
 SECTION (115)RS-1  
 LIVINGSTON COUNTY  
 VILLAGE OF CULLOM

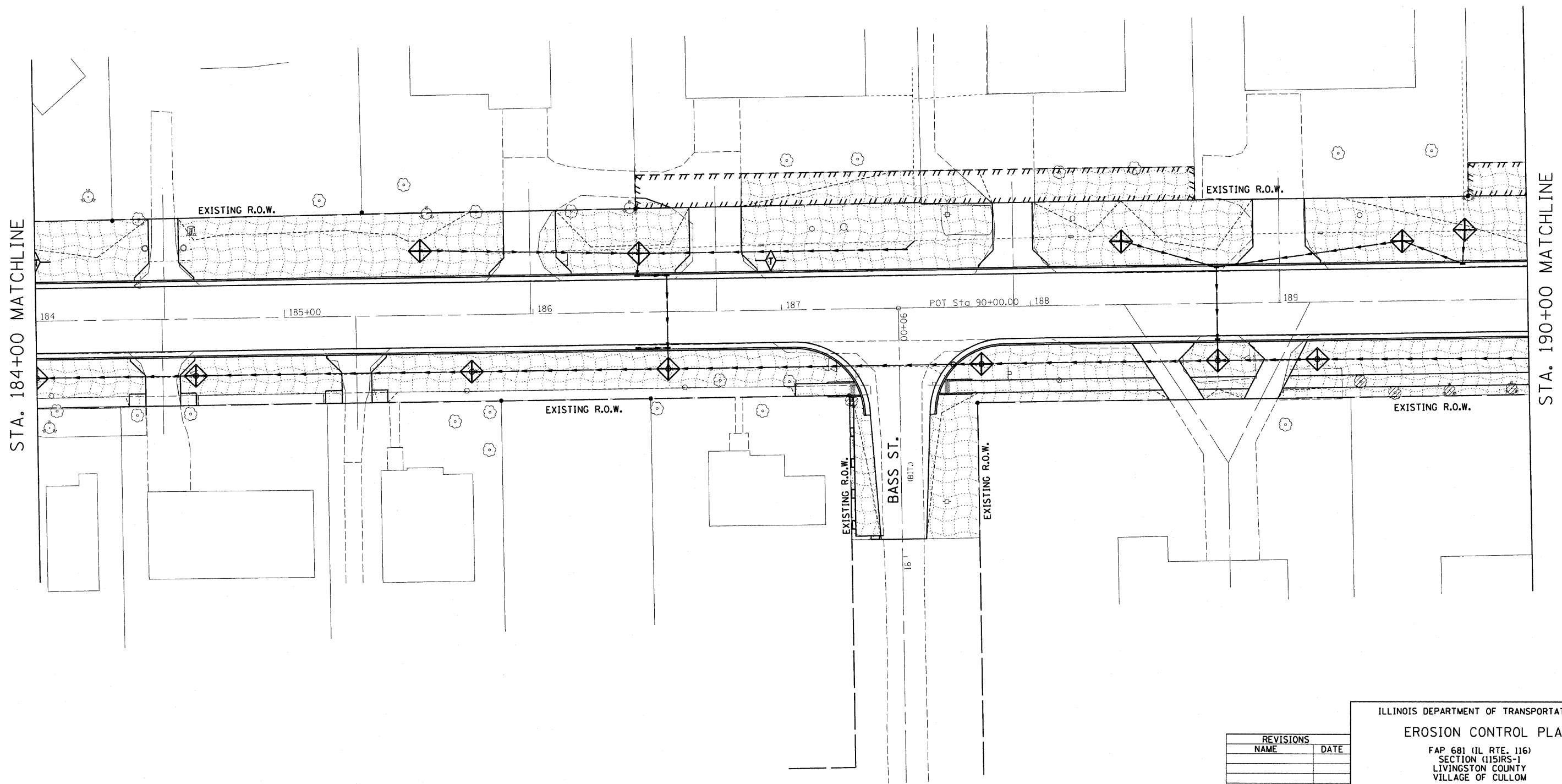
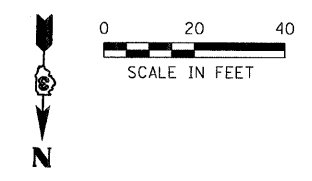
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**McDonough-Whitlow, P.C.**  
 Consulting Engineers & Land Surveyors

158 East Wood Street  
 Hoopeston, IL 62049  
 Phone: 217.532.9233  
 Fax: 217.532.6300  
 MFL PROJ. # 03-050

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	63
STA. 184+00		TO STA. 190+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66375				



STA. 184+00 MATCHLINE

STA. 190+00 MATCHLINE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
 FAP 681 (IL RTE. 116)  
 SECTION (115)RS-1  
 LIVINGSTON COUNTY  
 VILLAGE OF CULLOM

SCALE: AS SHOWN  
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 CHECKED BY: TMM

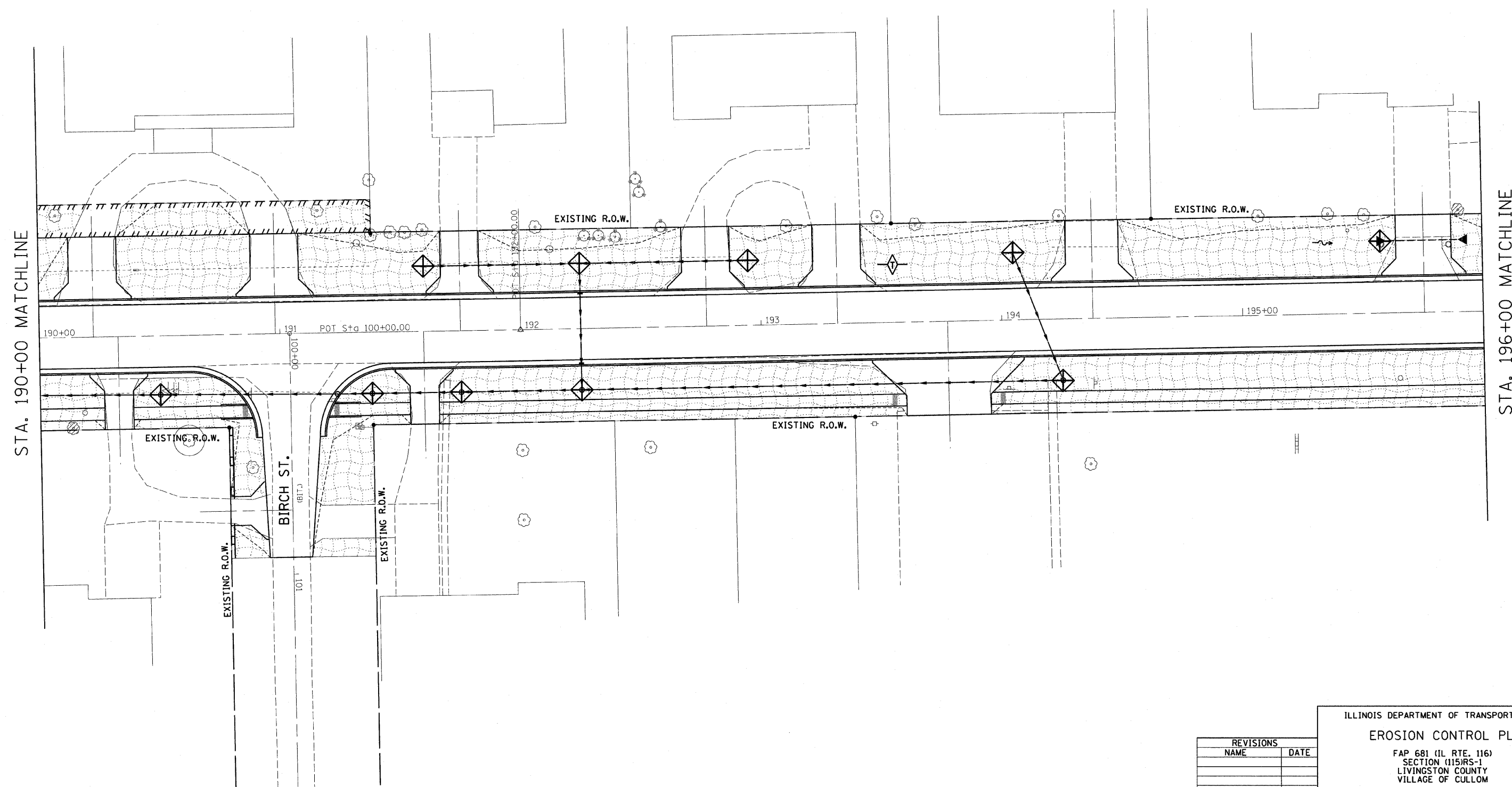
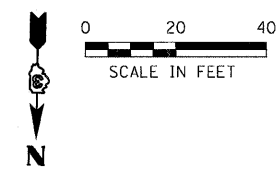
**McDonough-Whitlow, P.C.**  
 Consulting Engineers & Land Surveyors

138 East Wood Street  
 Hoopeston, IL 62049  
 Phone: 217.532.5233  
 Fax: 217.532.6300  
 MFDRAW \* 03-060

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	64
STA. 190+00		TO STA. 196+00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 66375	



STA. 190+00 MATCHLINE

STA. 196+00 MATCHLINE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
 FAP 681 (IL RTE. 116)  
 SECTION (115)RS-1  
 LIVINGSTON COUNTY  
 VILLAGE OF CULLOM

SCALE: AS SHOWN      DRAWN BY: EJR  
 DATE      CHECKED BY: TMM

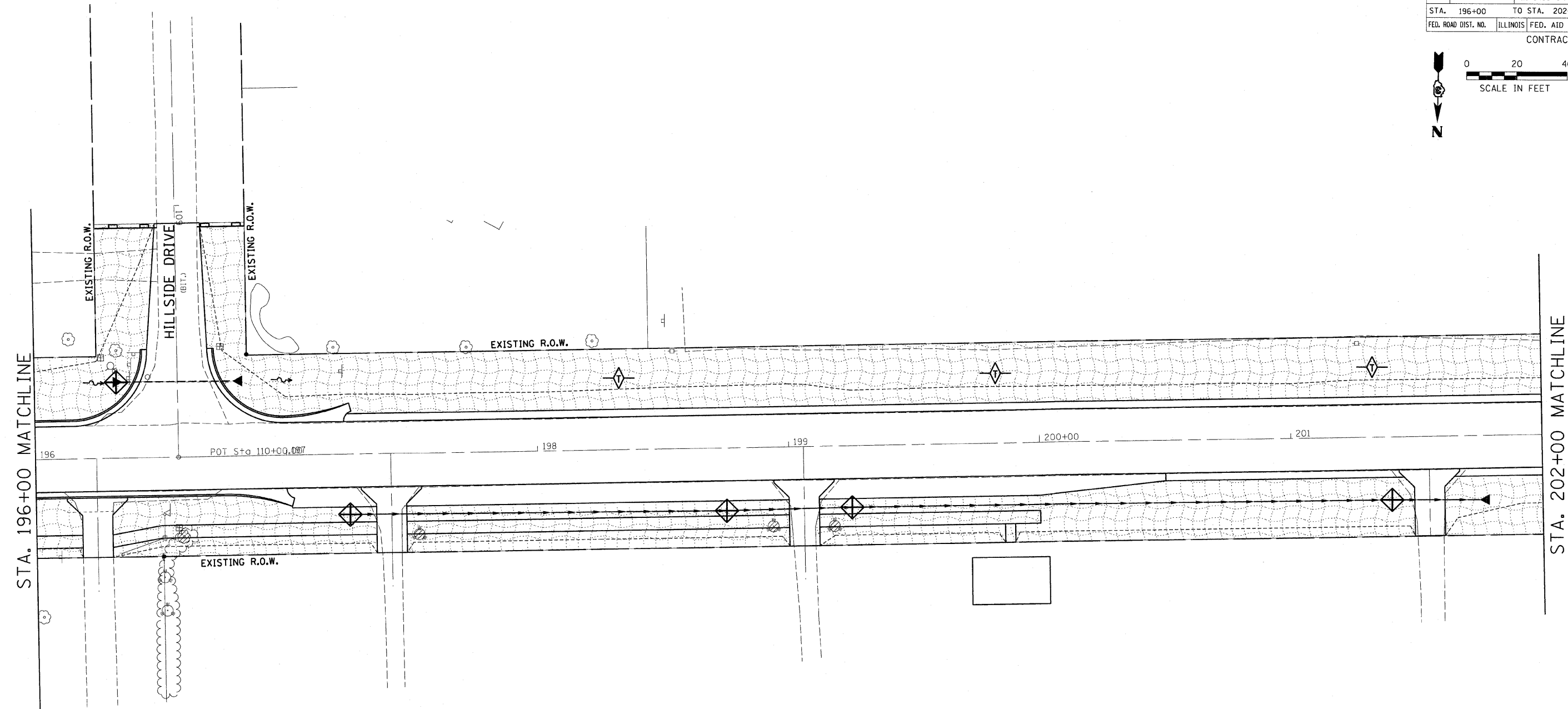
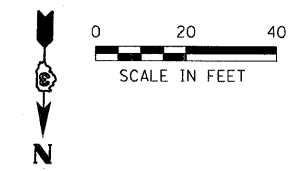
**McDonough-Whitlow, P.C.**  
 Consulting Engineers & Land Surveyors

138 East Wood Street  
 Morrisburg, IL 62556  
 Phone: 217.532.9233  
 Fax: 217.532.4300  
 MW PROJ. 03-060

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F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	65
STA. 196+00		TO STA. 202+00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 66375				



STA. 196+00 MATCHLINE

STA. 202+00 MATCHLINE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
 FAP 681 (IL RTE. 116)  
 SECTION (115)RS-1  
 LIVINGSTON COUNTY  
 VILLAGE OF CULLOM

SCALE: AS SHOWN  
 DATE: \_\_\_\_\_

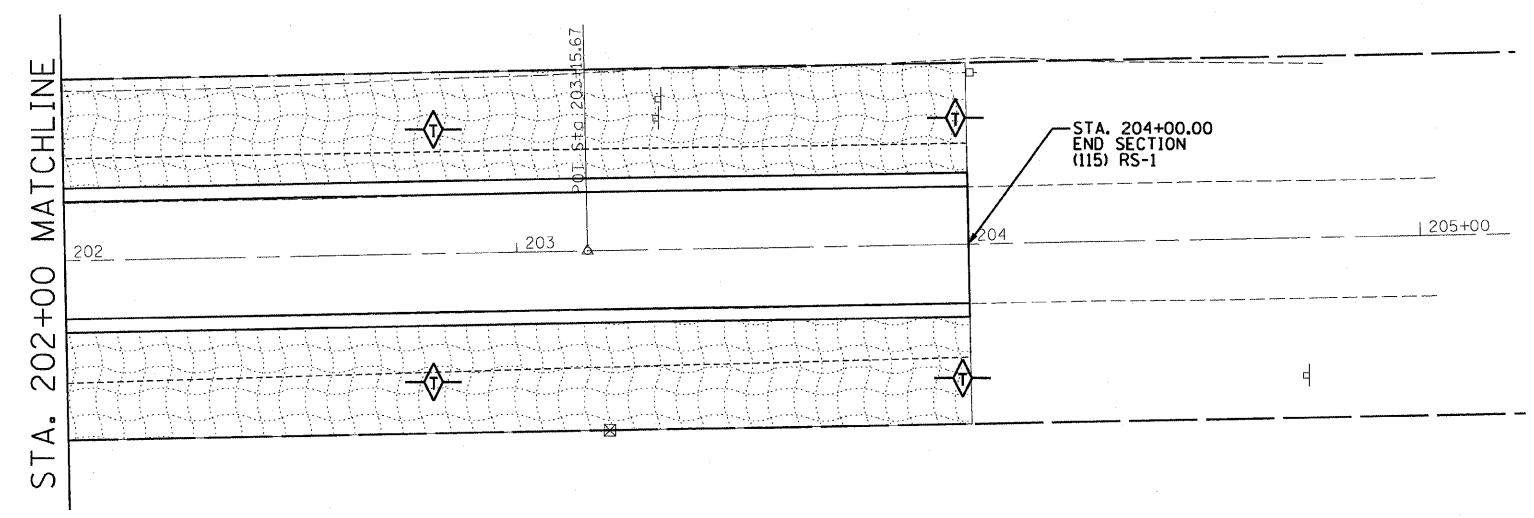
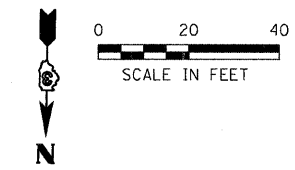
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**McDonough-Whitlow, P.C.**  
 Consulting Engineers & Land Surveyors

138 East Wood Street  
 Itasca, IL 62049  
 Phone: 217.532.9233  
 Fax: 217.532.6300  
 WWW: WWW.MCDONOUGH-WHITLOW.COM  
 ILL. PROJ. # 03-060

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	66
STA. 202+00		TO STA. 204+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66375				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
 FAP 681 (IL RTE. 116)  
 SECTION (115)RS-1  
 LIVINGSTON COUNTY  
 VILLAGE OF CULLOM

SCALE: AS SHOWN      DRAWN BY: EJR  
 DATE      CHECKED BY: TMM

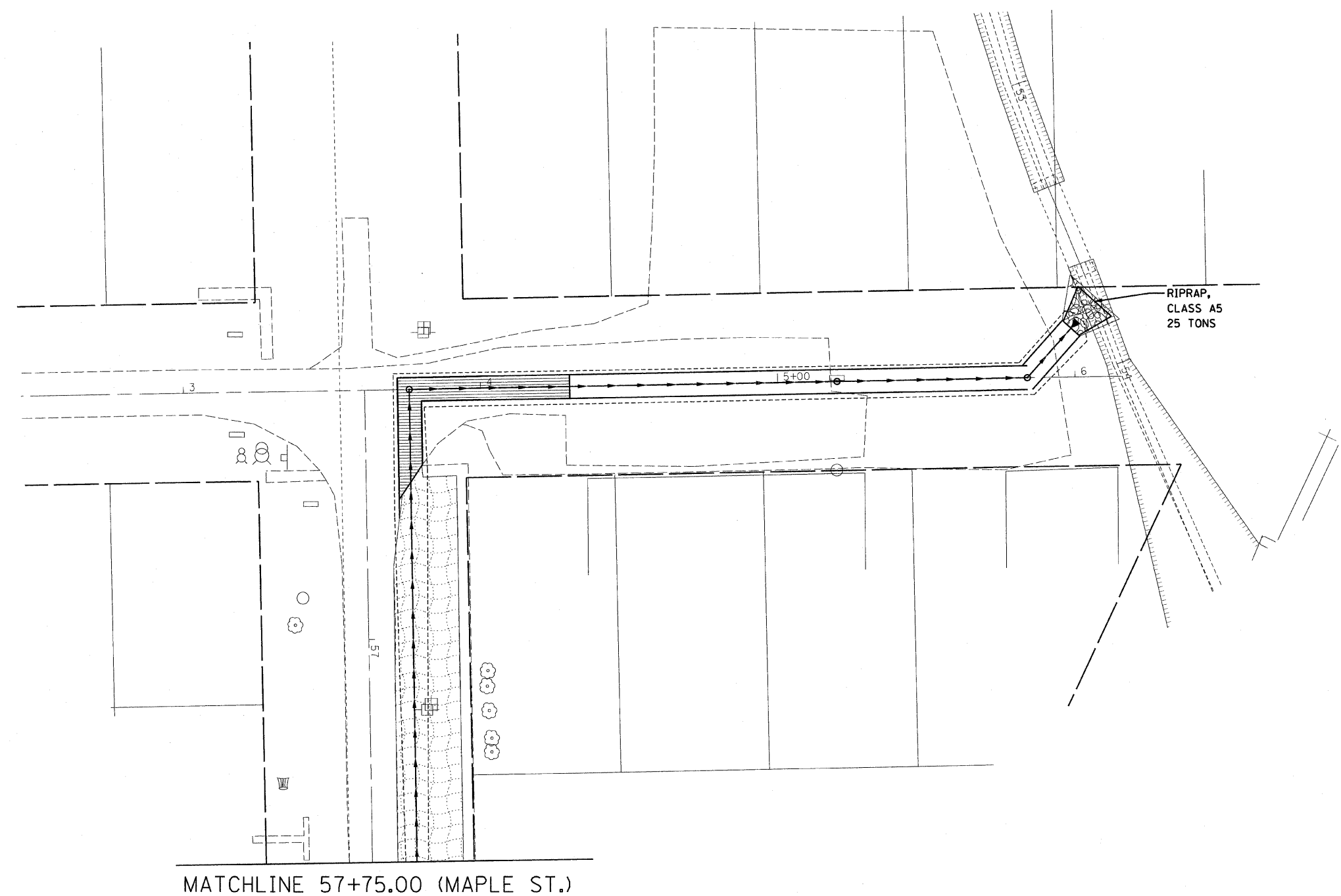
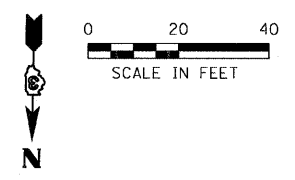
**McDonough-Whitlow, P.C.**  
 Consulting Engineers & Land Surveyors

138 East Wood Street  
 Hillboro, IL 62049  
 Phone: 217.532.2933  
 Fax: 217.532.6300  
 www.mw-engineers.com

MP PROJ. \* 03-060

1/8/2008 8:44:47 AM J:\CHS\DRAWINGS\EROSIONS.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	67
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 66375				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
 FAP 681 (IL RTE. 116)  
 SECTION (115)RS-1  
 LIVINGSTON COUNTY  
 VILLAGE OF CULLOM

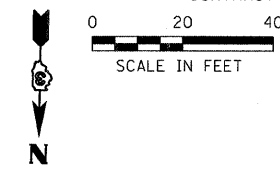
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 DATE      CHECKED BY: TMM

**McDonough-Whitlow, P.C.**  
 Consulting Engineers & Land Surveyors

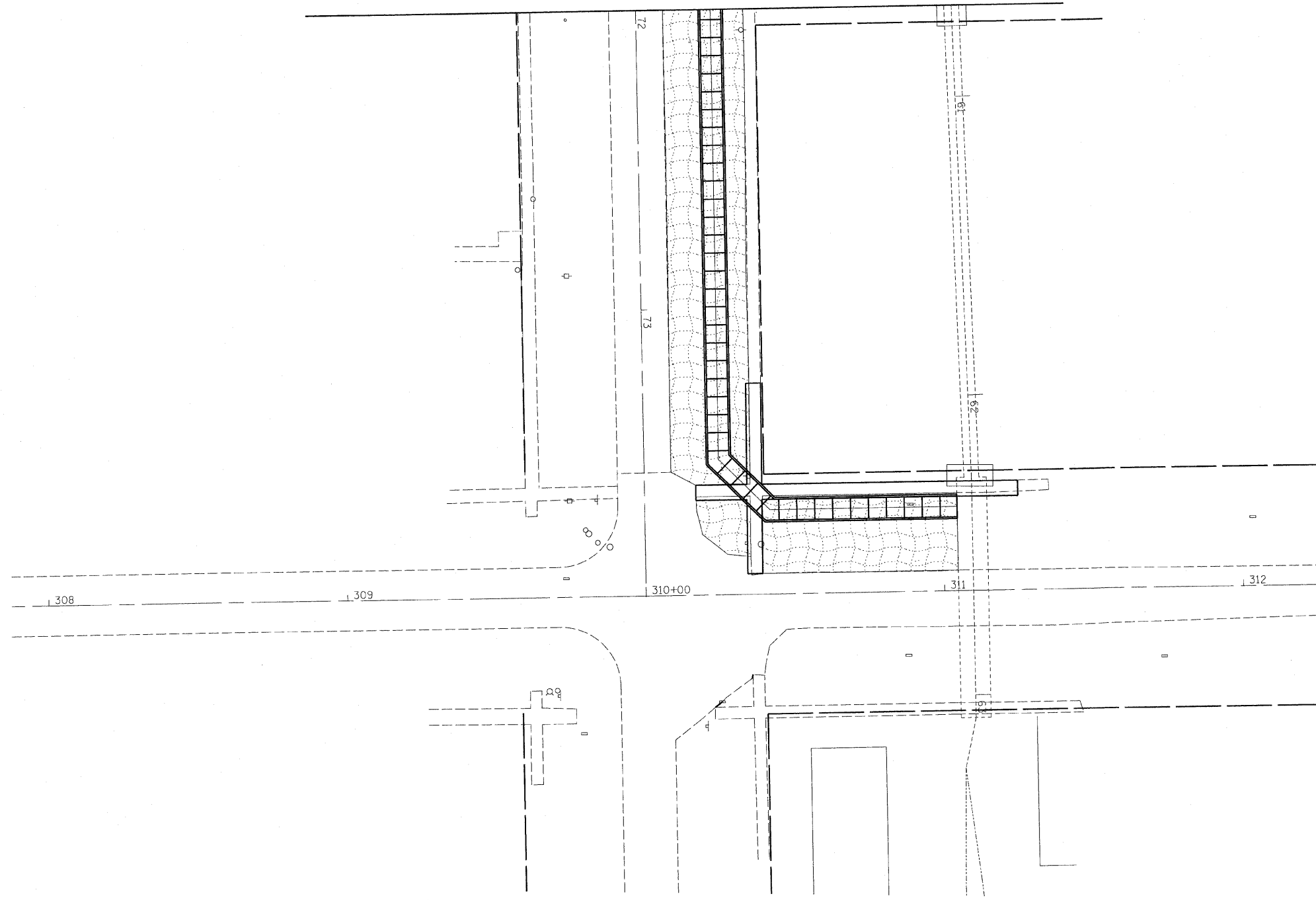
138 East Wood Street  
 Macomb, IL 62558  
 Phone: 217.532.2233  
 Fax: 217.532.6300  
 M.F. 03145 DRAWINGS/EROSION/04.dwg  
 MF PROJ. \* 03-060

1/28/2009 9:24:50 AM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	68
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 66375	



MATCHLINE STA. 72+00 (OAK ST.)



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EROSION CONTROL PLAN**  
 FAP 681 (IL RTE. 116)  
 SECTION (115)RS-1  
 LIVINGSTON COUNTY  
 VILLAGE OF CULLOM

SCALE: AS SHOWN  
 DATE: \_\_\_\_\_  
 DRAWN BY: EJR  
 CHECKED BY: TMM

**McDonough-Whitlow, P.C.**  
 Consulting Engineers & Land Surveyors

138 East Wood Street  
 Havana, IL 62049  
 Phone: 217.532.9233  
 Fax: 217.532.6300  
 MFL 030-01-0560

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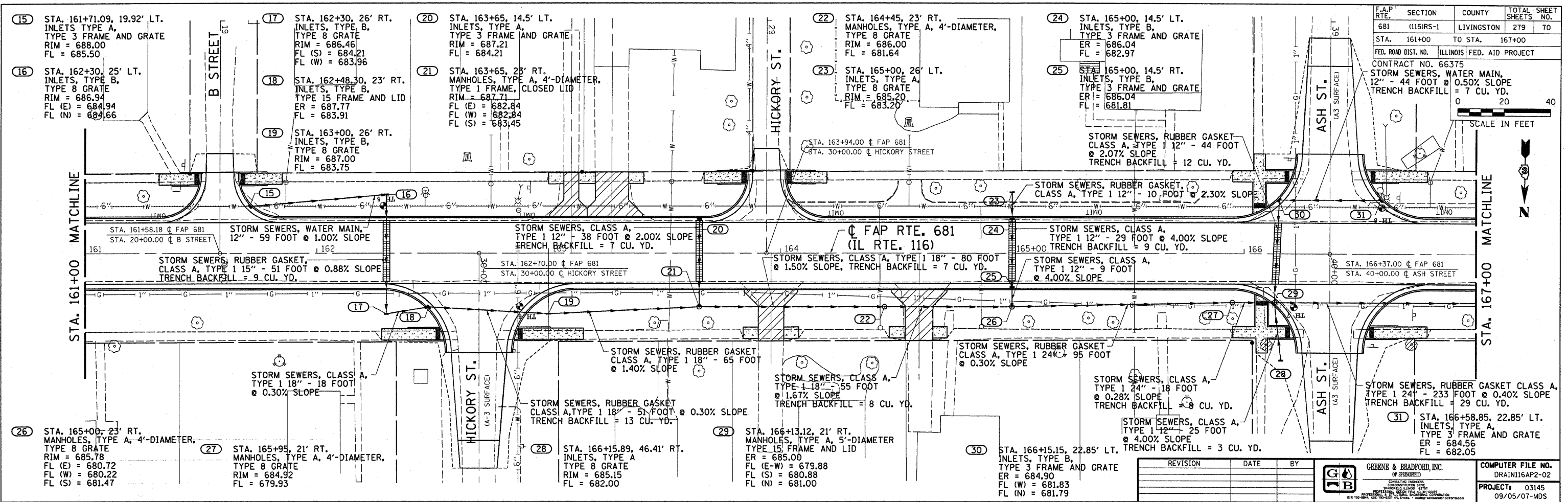
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DATE	BY	REASON

PLOTS & CHECKS	INT.	DATE	NO.	REASON

PROFILE	DATE	BY	REASON

CHECKS	INT.	DATE	REASON



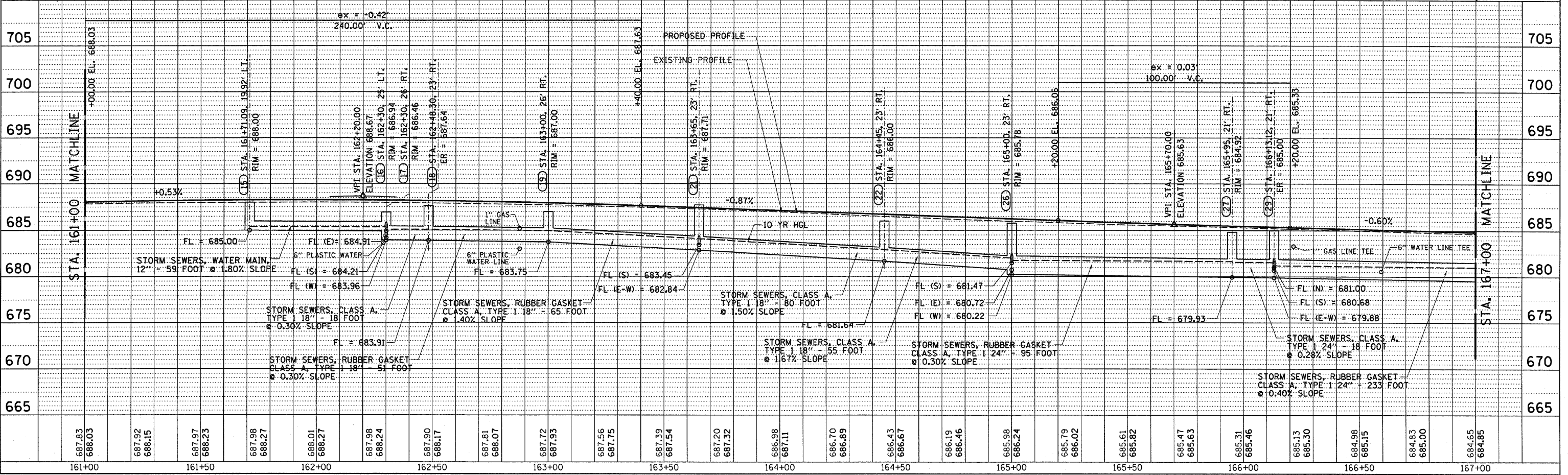
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681	(115)RS-1	LIVINGSTON	279	70

STA.	TO STA.	TOTAL TRENCH BACKFILL
161+00	167+00	77 CU. YD.

CONTRACT NO.	PROJECT
66375	STORM SEWERS, WATER MAIN, 12" - 44 FOOT @ 0.50% SLOPE TRENCH BACKFILL = 7 CU. YD.

REVISION	DATE	BY

COMPANY	PROJECT	DATE
GREENE & BRADFORD, INC.	03145	09/05/07-MDS





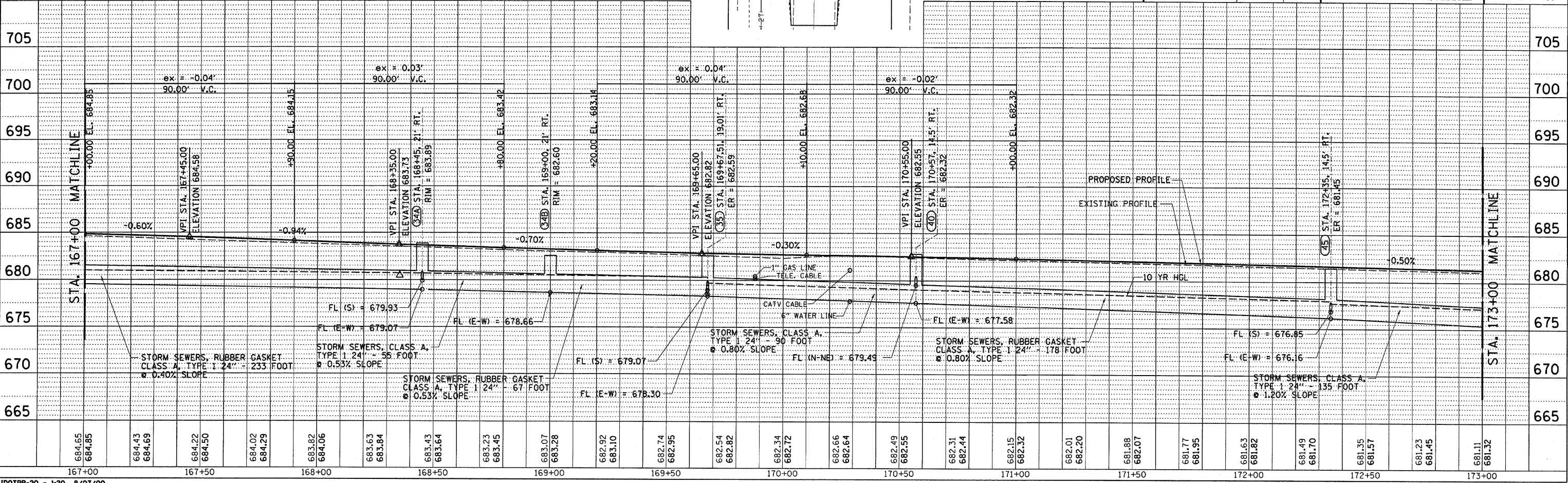
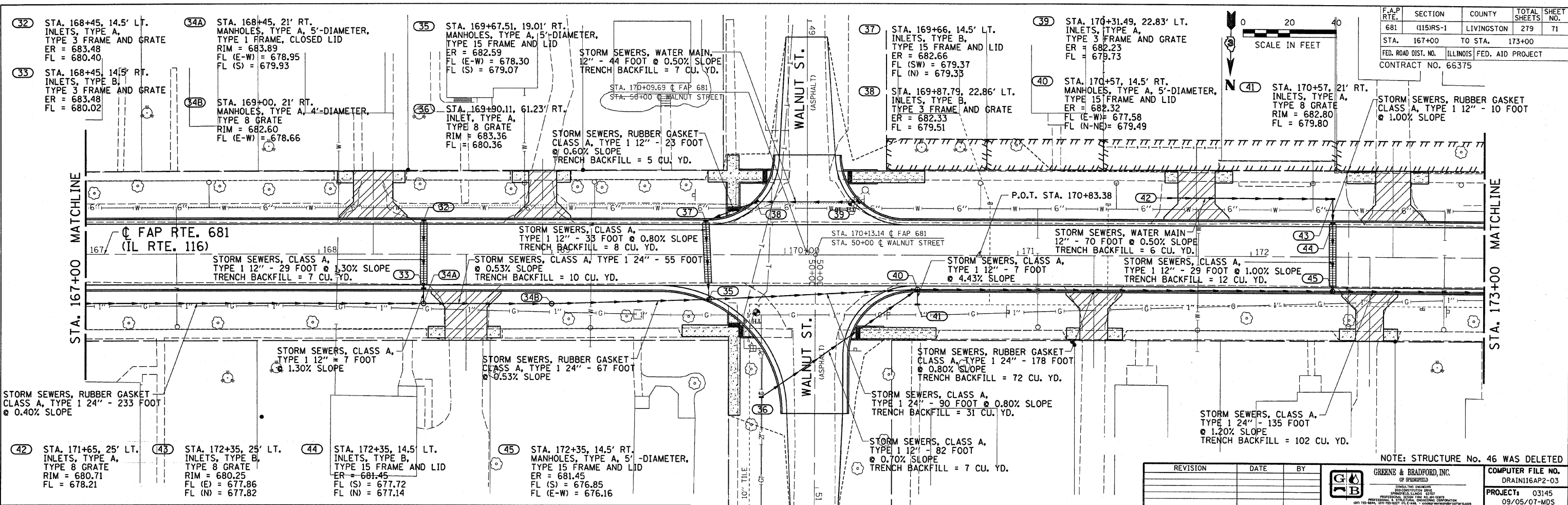
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DATE	BY	REASON

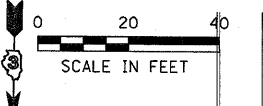
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PROFILE	DATE	BY	REASON

CHECKS	INT.	DATE	REASON



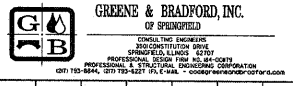
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	71



STA.	TO STA.
167+00	173+00

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT  
CONTRACT NO. 66375

REVISION	DATE	BY



COMPUTER FILE NO. DRAIN116AP2-03  
PROJECT: 03145  
09/05/07-MDS

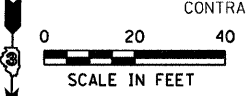
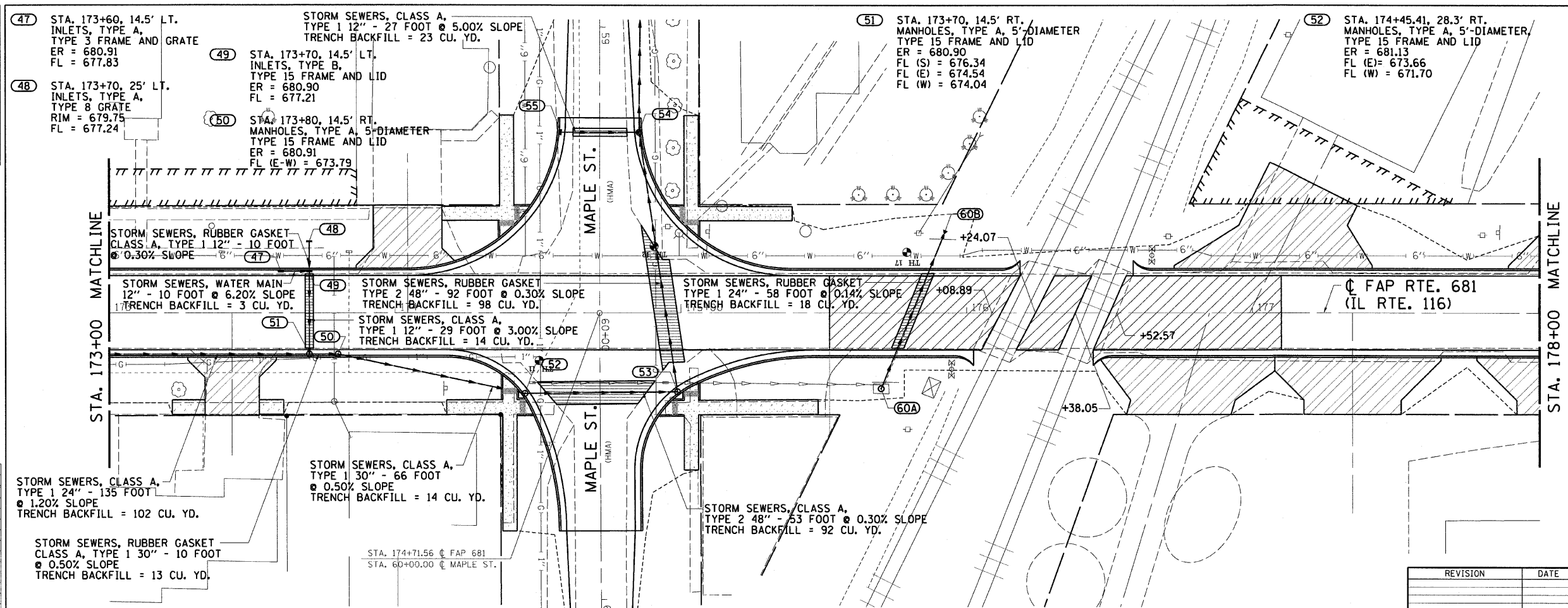
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INT.	DATE	REASON

PLAN		
DATE	BY	REASON

PLOTS & CHECKS		
INT.	DATE	REASON

PROFILE		
DATE	BY	REASON

CHECKS		
INT.	DATE	REASON



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	72

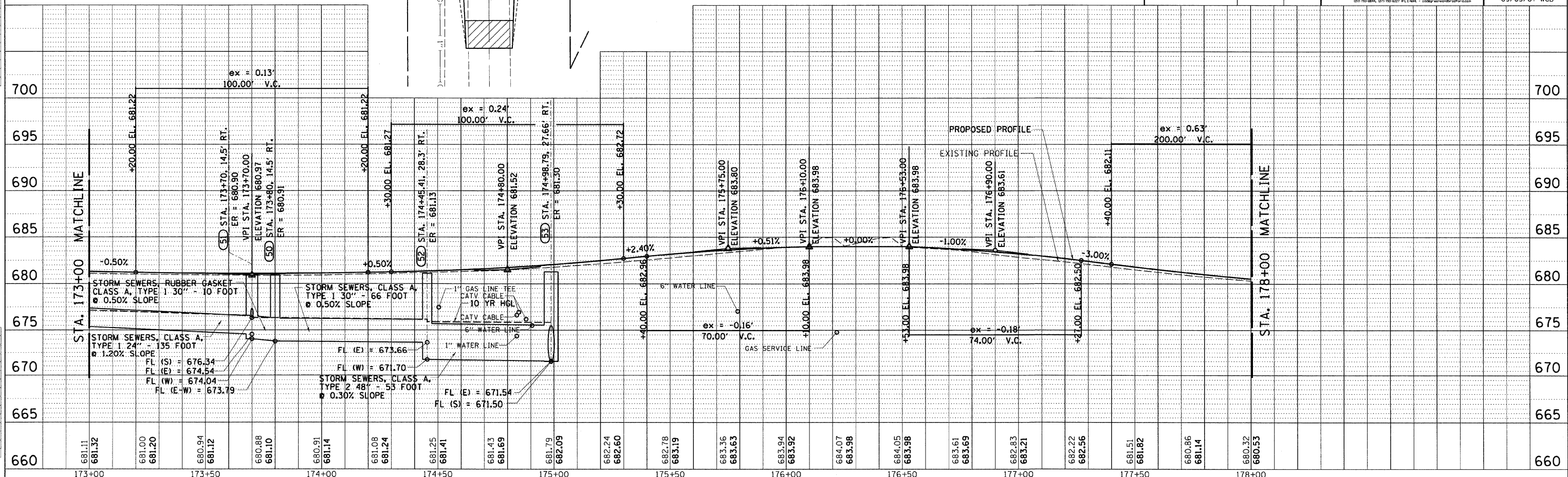
STA. 173+00 TO STA. 178+00  
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT  
 CONTRACT NO. 66375

- (47) STA. 173+60, 14.5' LT. INLETS, TYPE A, TYPE 3 FRAME AND GRATE  
ER = 680.91  
FL = 677.83
- (48) STA. 173+70, 25' LT. INLETS, TYPE A, TYPE 8 GRATE  
RIM = 679.75  
FL = 677.24
- (49) STA. 173+70, 14.5' LT. INLETS, TYPE B, TYPE 15 FRAME AND LID  
ER = 680.90  
FL = 677.21
- (50) STA. 173+80, 14.5' RT. MANHOLES, TYPE A, 5'-DIAMETER, TYPE 15 FRAME AND LID  
ER = 680.91  
FL (E-W) = 673.79
- (51) STA. 173+70, 14.5' RT. MANHOLES, TYPE A, 5'-DIAMETER, TYPE 15 FRAME AND LID  
ER = 680.90  
FL (S) = 676.34  
FL (E) = 674.54  
FL (W) = 674.04
- (52) STA. 174+45.41, 28.3' RT. MANHOLES, TYPE A, 5'-DIAMETER, TYPE 15 FRAME AND LID  
ER = 681.13  
FL (E) = 673.66  
FL (W) = 671.70
- (53) STA. 174+98.79, 27.66' RT. MANHOLES, TYPE A, 6'-DIAMETER, TYPE 15 FRAME AND LID  
ER = 681.30  
FL (E) = 671.54  
FL (S) = 671.50
- (54) STA. 174+85.38, 63.07' LT. MANHOLES, TYPE A, 6'-DIAMETER, TYPE 15 FRAME AND LID  
ER = 680.23  
FL (S-W) = 671.22  
FL (E) = 676.01
- (55) STA. 174+57.93, 63.11' LT. INLETS, TYPE A, TYPE 3 FRAME AND GRATE  
ER = 680.23  
FL = 677.36
- (60A) STA. 175+70.07, 26.57' RT. MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE  
RIM = 681.59  
FL = 678.59
- (60B) STA. 175+92.10, 27.41' LT. PRECAST REINFORCED CONCRETE FLARED END SECTION 24"  
FL = 678.50

REVISION	DATE	BY

GREENE & BRADFORD, INC.  
 REGISTERED PROFESSIONAL ENGINEERS  
 1000 W. MONROE ST., SUITE 200, CHICAGO, IL 60606  
 (312) 786-1100 FAX (312) 786-1101 WWW.GREENEANDBRADFORD.COM

COMPUTER FILE NO. DRAIN116BP2-01  
 PROJECT: 03145  
 09/05/07-WCB



IDOTPP-20 - 1/20 8/07/00



DESIGN	INT.	DATE	REASON

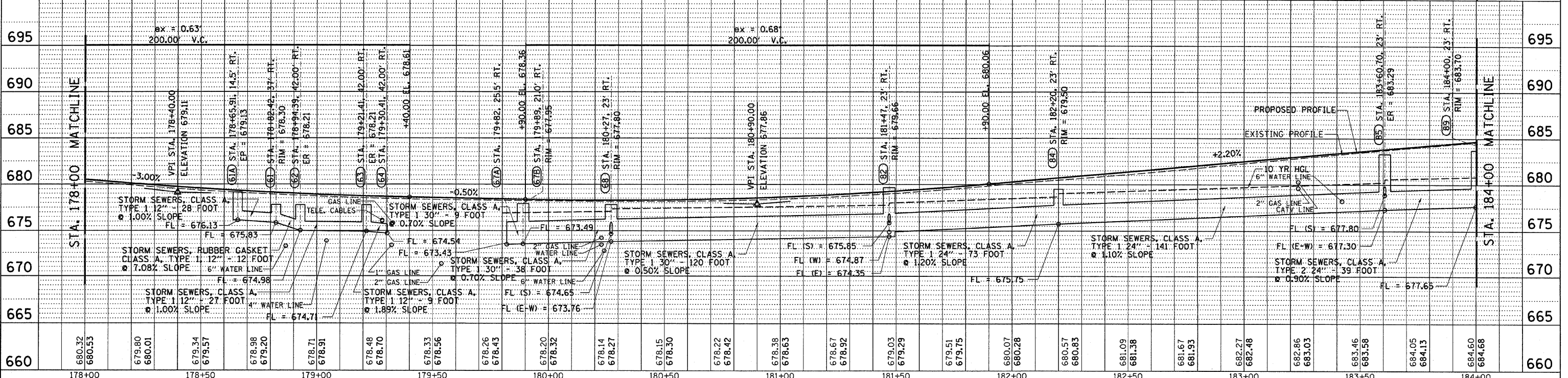
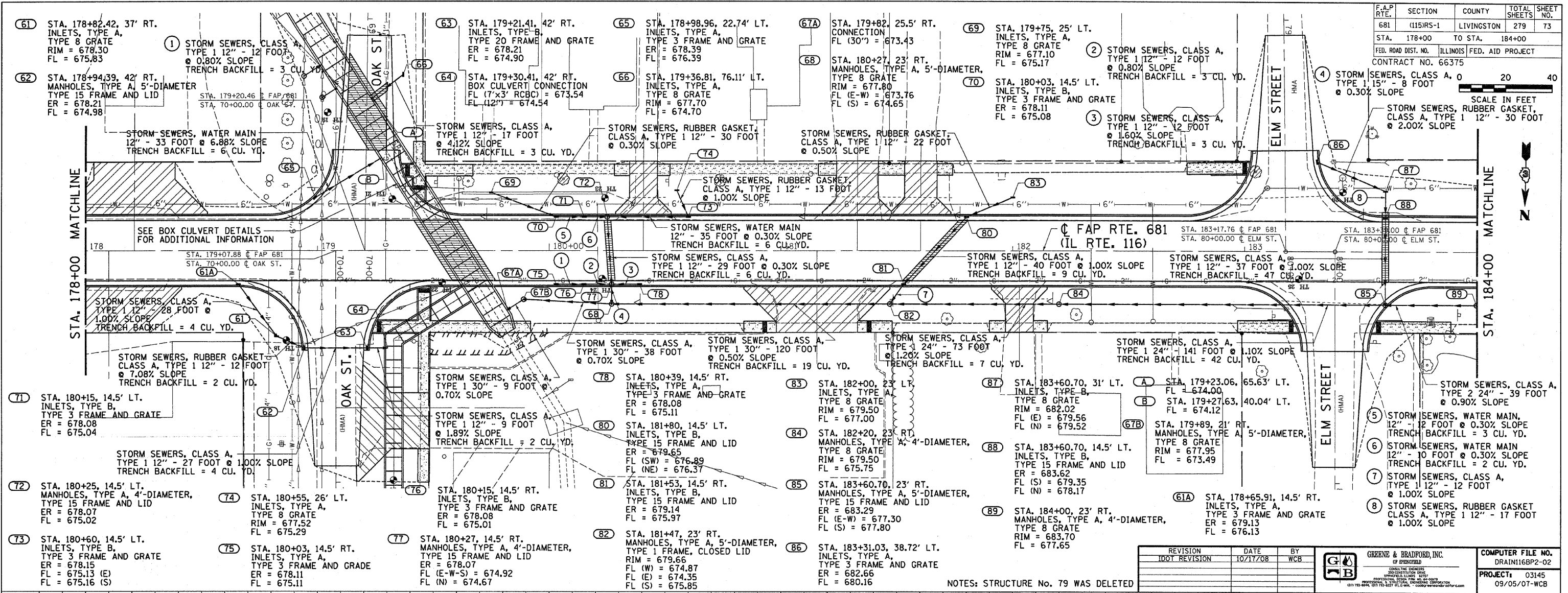
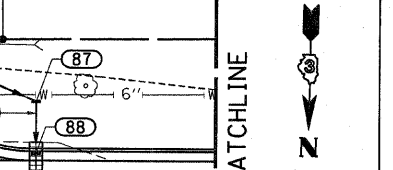
DATE	BY	REASON

PLANS	DATE	BY	REASON

PROFILE	DATE	BY	REASON

CHECKS	INT.	DATE	REASON

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	73



REVISION	DATE	BY
1	10/17/08	WCB



COMPUTER FILE NO.
DRAIN168P2-02

NOTES: STRUCTURE No. 79 WAS DELETED

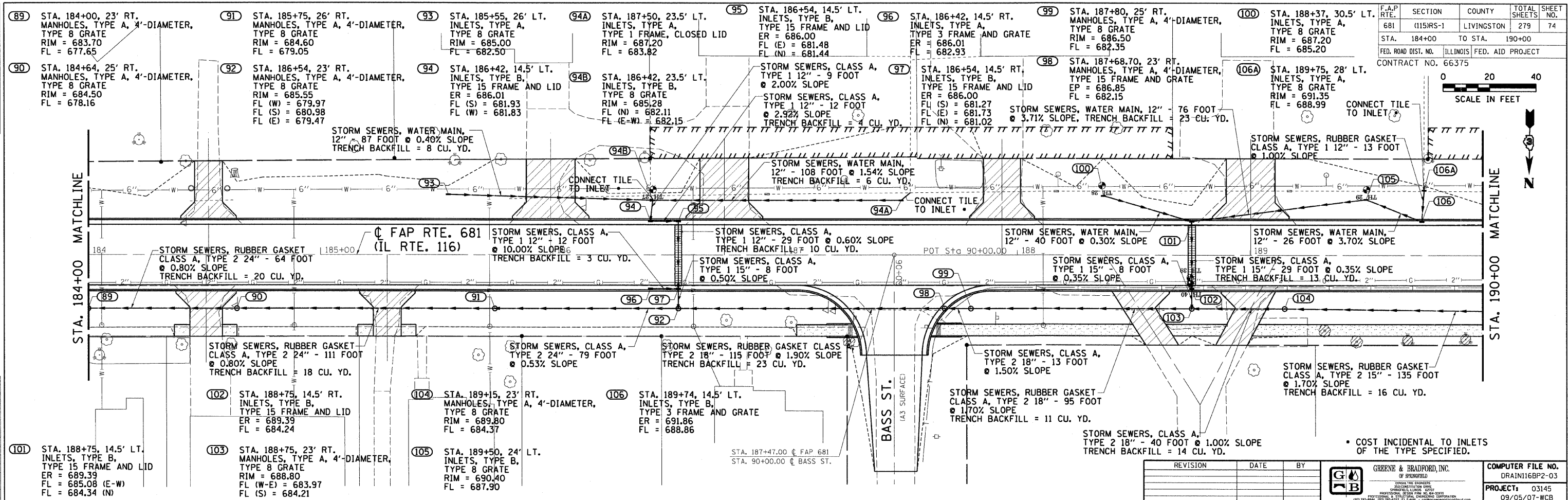
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PLAN	DATE	BY	REASON

PLOTS & CHECKS	DATE	NO.	REASON

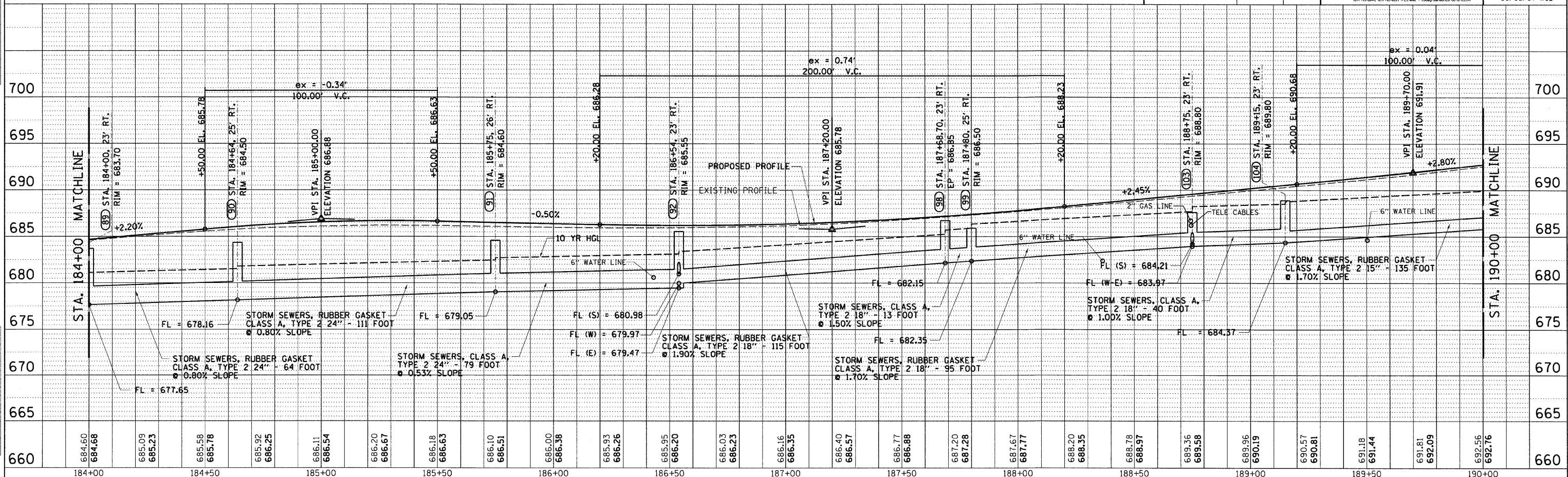
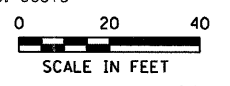
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CHECKS	DATE	REASON



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	74

STA. 184+00 TO STA. 190+00  
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT  
 CONTRACT NO. 66375



\* COST INCIDENTAL TO INLETS OF THE TYPE SPECIFIED.

REVISION	DATE	BY

GREENE & BRADFORD, INC.  
 OF SPRINGFIELD  
 CONSULTING ENGINEERS  
 1001 N. WASHINGTON ST., SPRINGFIELD, ILL. 62761  
 PHONE: (217) 223-1111 FAX: (217) 223-1112  
 PROJECT: 03145  
 09/05/07-WCB



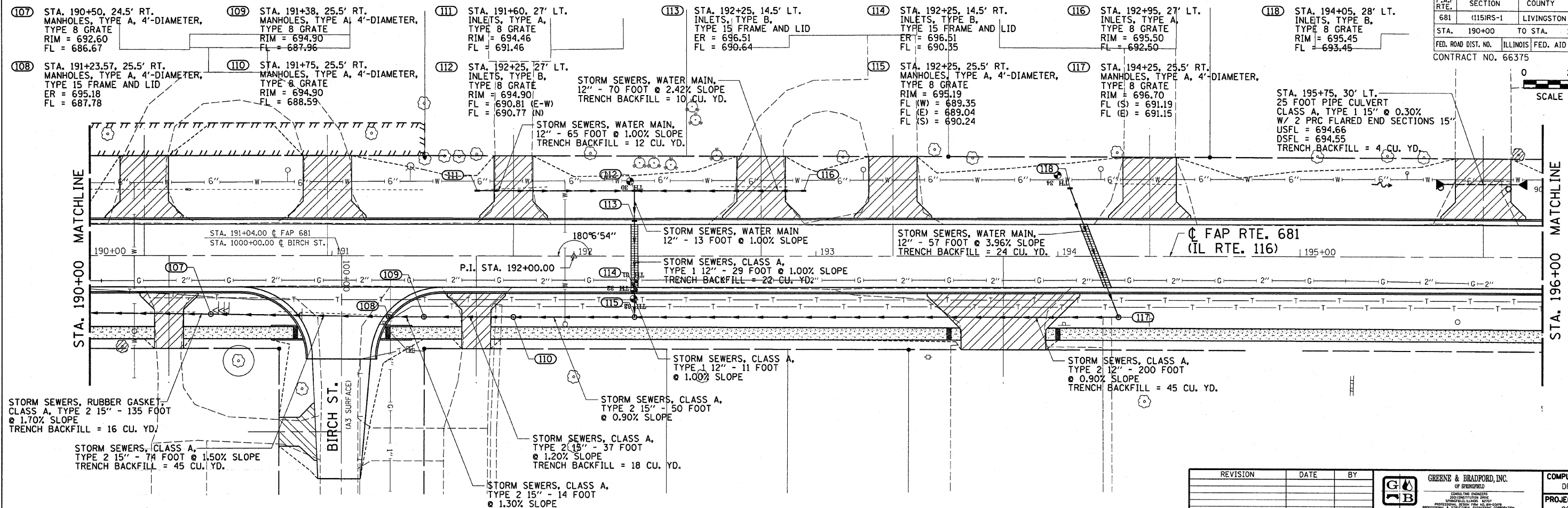
DESIGN		
INT. DATE	REASON	

PLANS		
NO.	DATE	BY

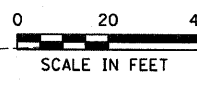
CHECKS		
INT. DATE	REASON	

PROFILE		
NO.	DATE	BY

CHECKS		
INT. DATE	REASON	



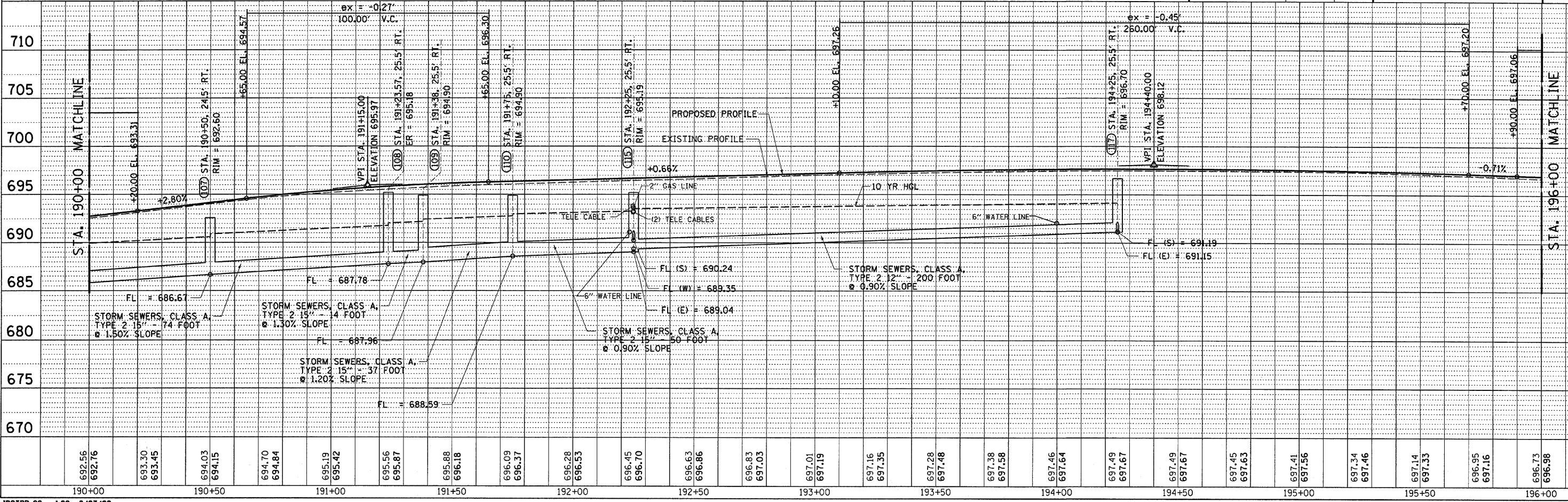
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	75
STA. 190+00 TO STA. 196+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 66375				



REVISION	DATE	BY



COMPUTER FILE NO.	DRAIN116CP2-01
PROJECT	03145
	09/05/07-WCB



DESIGN	INT.	DATE	REASON

PLAN	DATE	BY

PLOTS & CHECKS	INT.	DATE	NO.	REASON

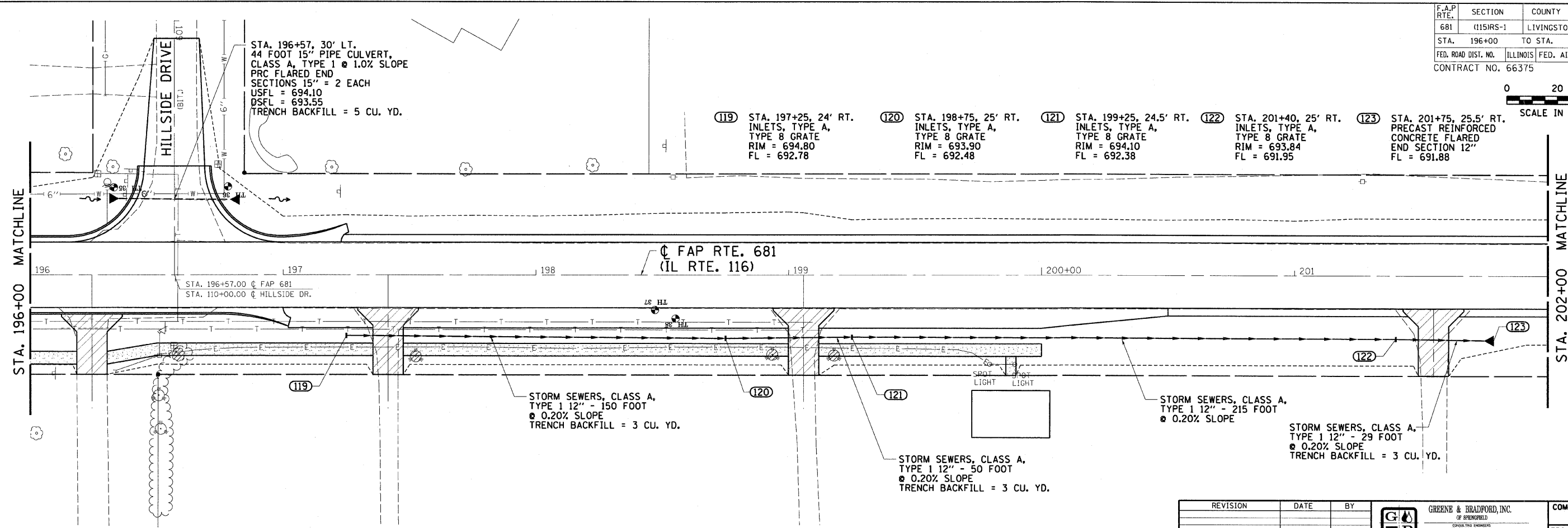
PROFILE	DATE	BY

CHECKS	INT.	DATE	REASON

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	76



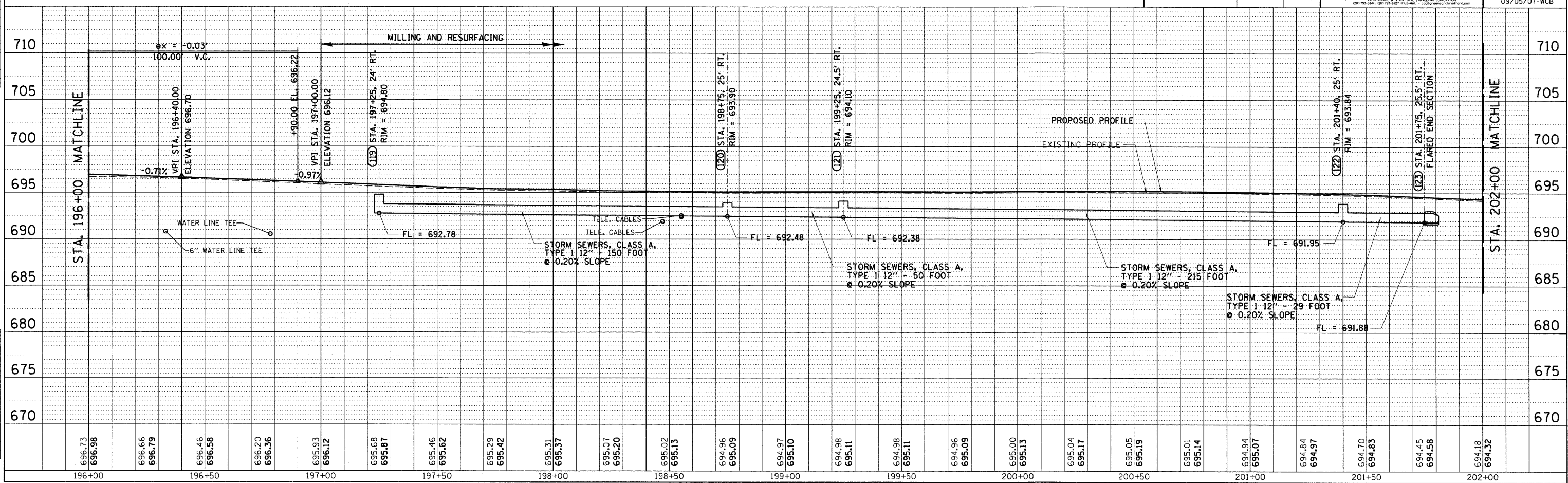
STA.	TO STA.	ILLINOIS FED. AID PROJECT
196+00	202+00	66375



REVISION	DATE	BY



COMPUTER FILE NO.  
DRAIN16CP2-02  
PROJECT: 03145  
09/05/07-WCB

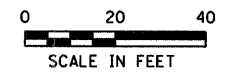


100TPP-20 - 1:20 8/07/00

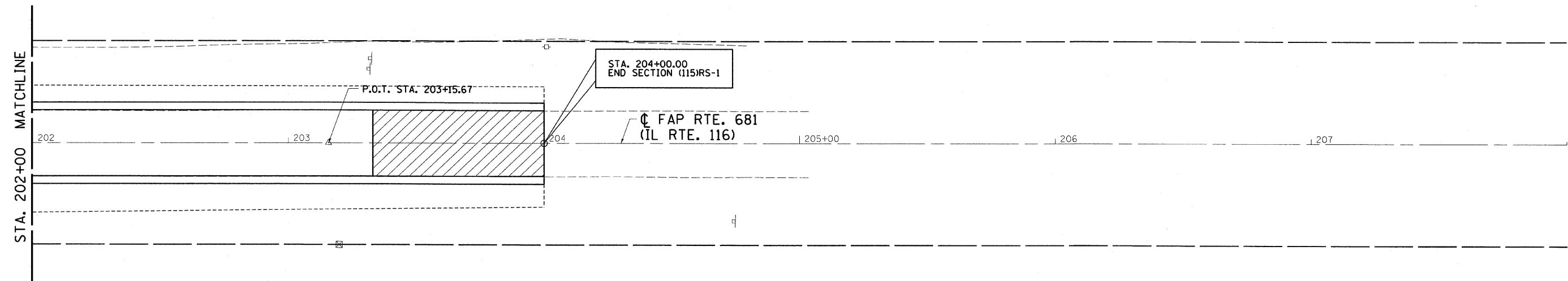


DESIGN		
INT.	DATE	REASON

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	77
STA. 202+00		TO STA. 206+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66375				



PLAN	SURVEYED	BY	DATE



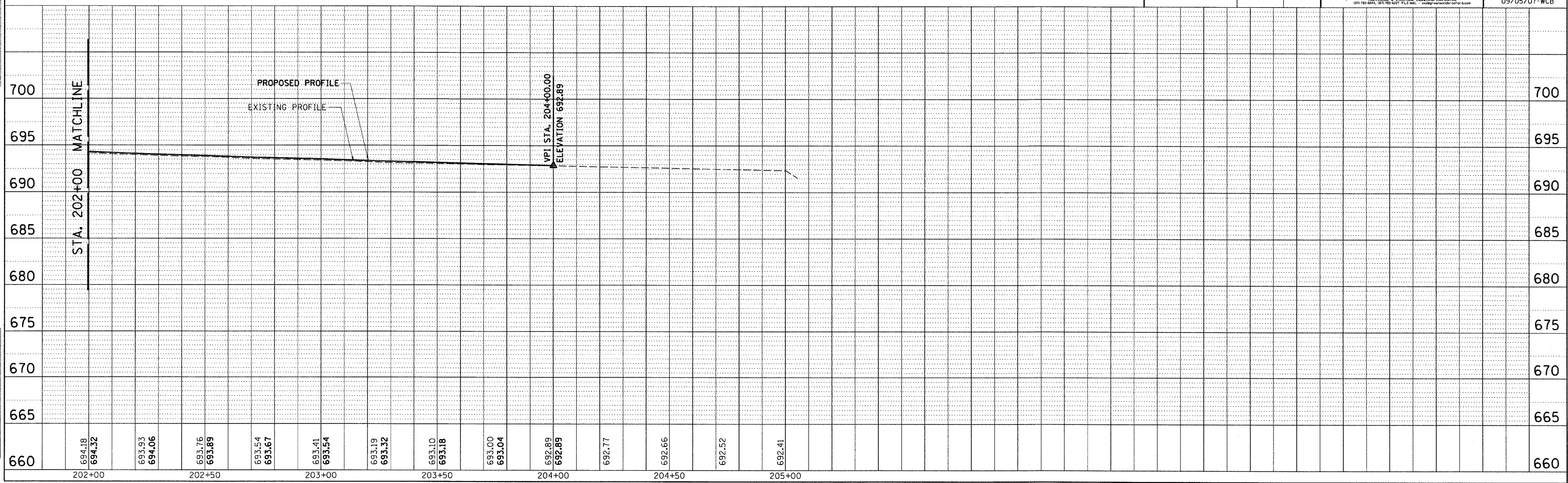
PLOTS & CHECKS		
INT.	DATE	REASON

REVISION	DATE	BY

**G B** GREENE & BRADFORD, INC.  
OF SPRINGFIELD  
REGISTERED PROFESSIONAL ENGINEERS  
ILLINOIS LICENSE NO. 0217  
PROFESSIONAL DESIGN FIRM NO. 0034-0039  
1001 N. BROADWAY, SUITE 100, SPRINGFIELD, ILLINOIS 62761-1001  
TEL: 217-223-1100 FAX: 217-223-1101

COMPUTER FILE NO.
DRAIN116CP2-03
PROJECT: 03145
09/05/07-WCB

PROFILE	SURVEYED	BY	DATE



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DATE	BY	REASON

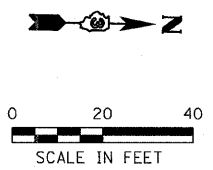
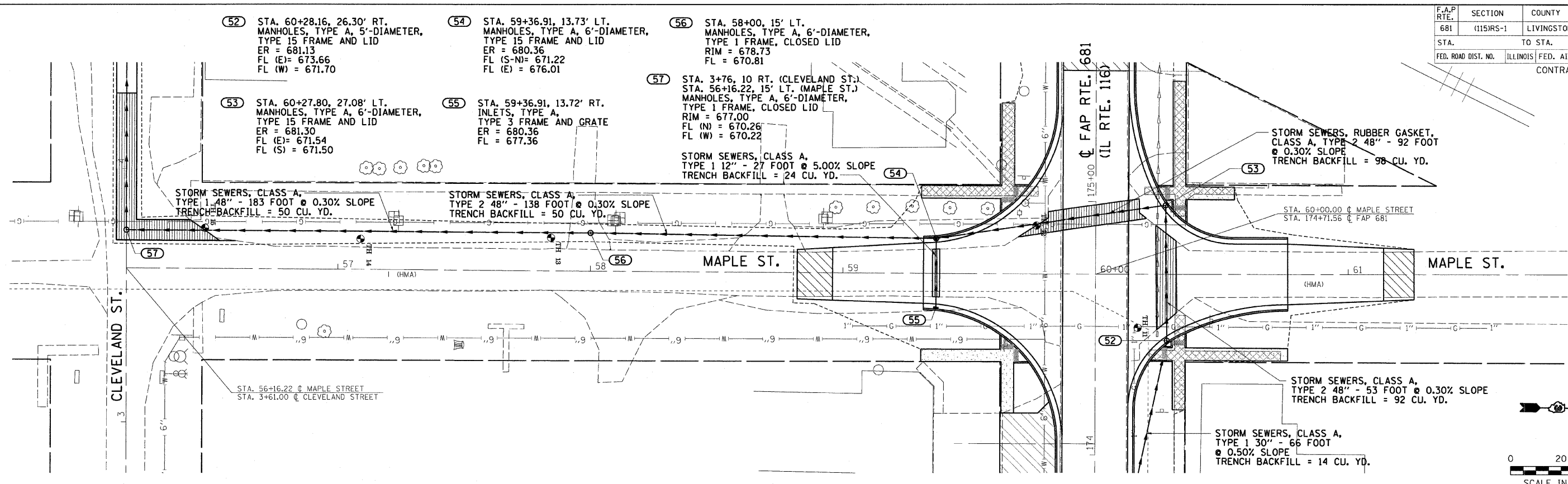
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INT.	DATE	REASON

PROFILE		
DATE	BY	REASON

CHECKS		
INT.	DATE	REASON

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	78

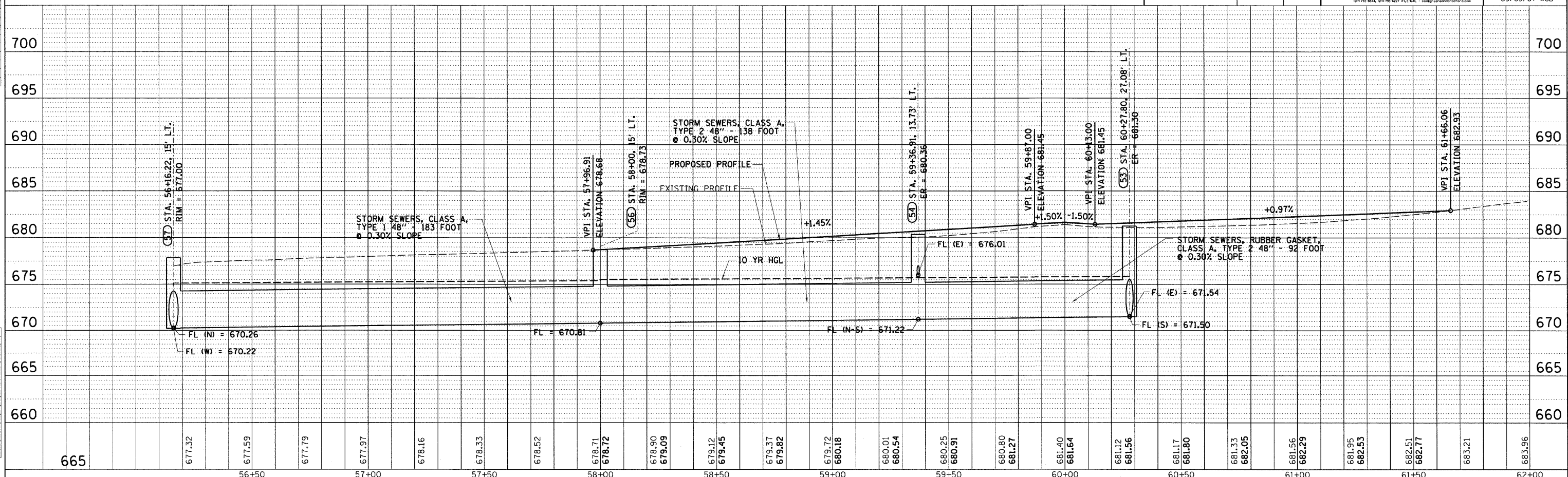
CONTRACT NO. 66375



REVISION	DATE	BY



COMPUTER FILE NO. DRAIN16DP2-01  
PROJECT: 03145  
09/05/07-WCB



101TPP-20 - 1:20 8/07/00

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INT.	DATE	REASON

PLANS		
NO.	DATE	BY

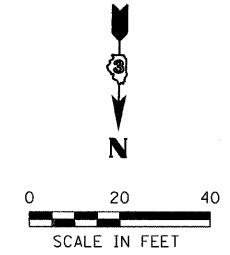
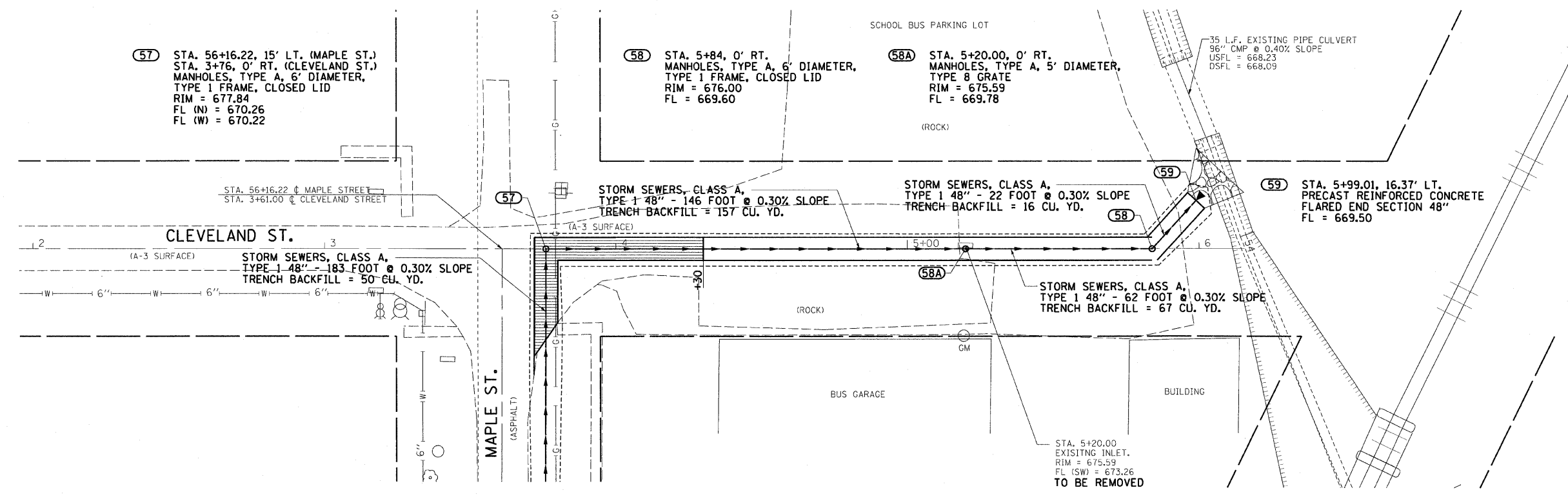
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INT.	DATE	REASON

PROFILE		
NO.	DATE	BY

CHECKS		
INT.	DATE	REASON

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	79

STA. TO STA.  
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT  
 CONTRACT NO. 66375



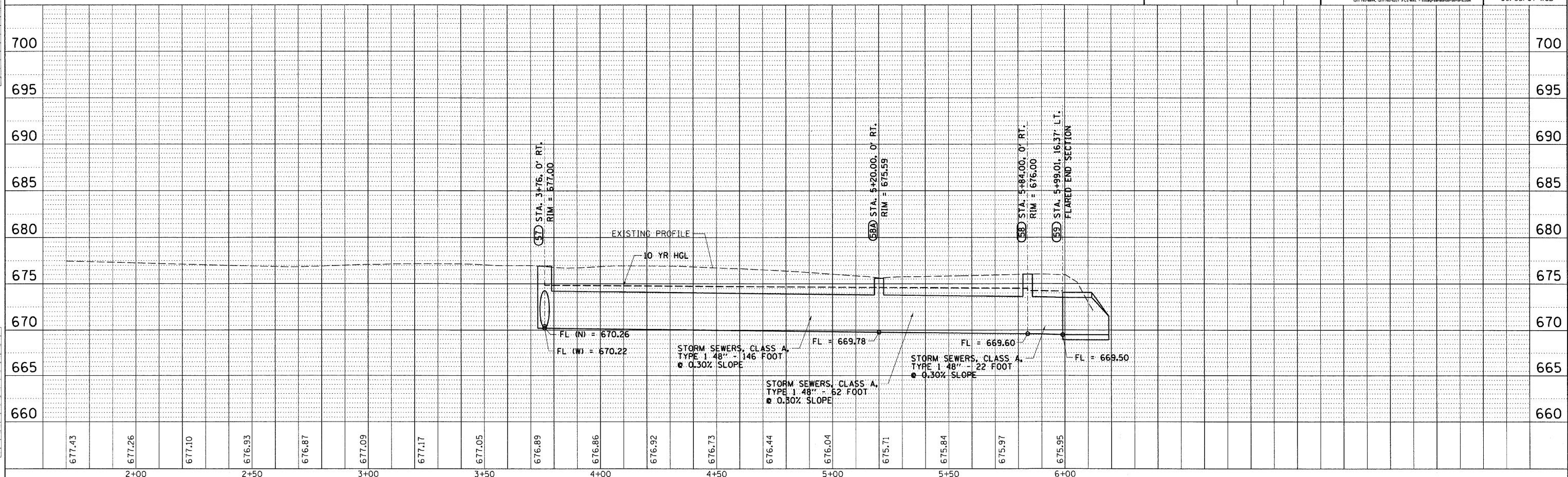
NOTE: ACCESS TO BUS PARKING AREA AND BUS GARAGE SHALL BE MAINTAINED AT ALL TIMES.

NOTE: THE CONTRACTOR SHALL MAINTAIN ACCESS TO ANY LOCATION IN THE SCHOOL BUS PARKING LOT AT ALL TIMES DURING STORM SEWER INSTALLATION.

REVISION	DATE	BY

**GREENE & BRADFORD, INC.**  
 CONSULTING ENGINEERS  
 1000 N. WASHINGTON ST., SUITE 200  
 SPRINGFIELD, ILLINOIS 62760  
 PROFESSIONAL ENGINEERS LICENSE NO. 021-000001  
 PROFESSIONAL & STRUCTURAL ENGINEERING CORPORATION  
 (312) 424-4444, (312) 424-4445, FAX (312) 424-4446, WWW.GREENEANDBRADFORD.COM

COMPUTER FILE NO.
DRAIN116DP2-02
PROJECT: 03145
09/05/07-WCB



ID07PP-20 - 1:20 8/07/00

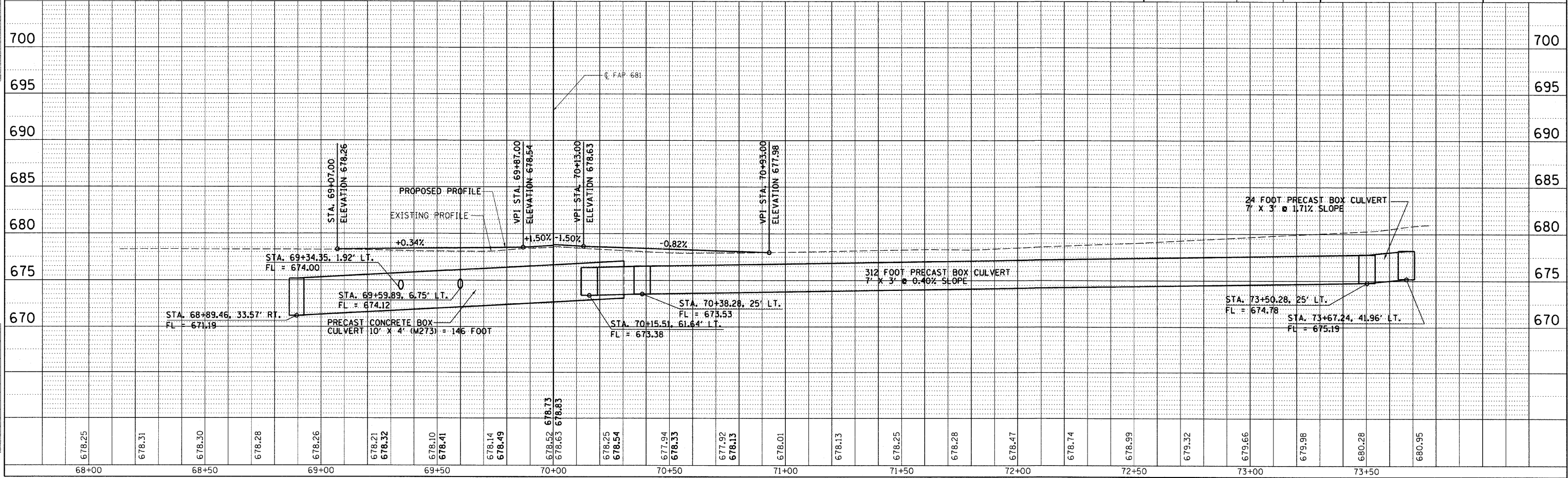
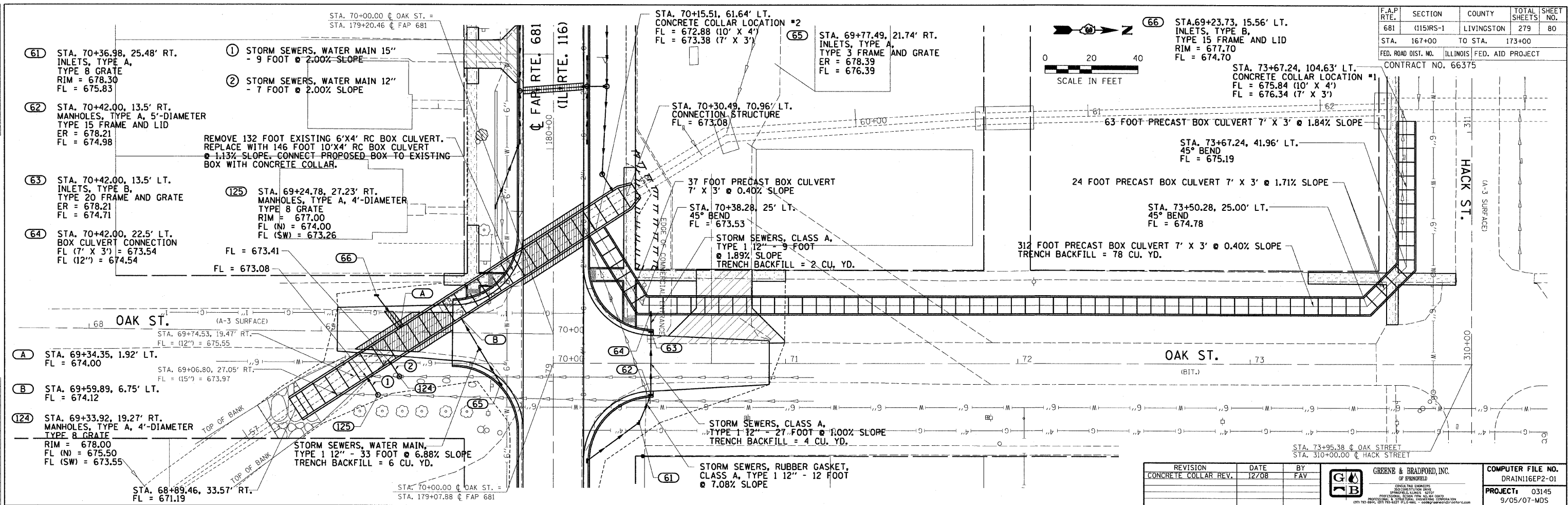
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DATE	BY	REASON

PLANS & CHECKS	DATE	NO.	REASON

DATE	BY	REASON

CHECKS	DATE	REASON



1001PP-20 - 1/20 8/07/00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	80
STA. 167+00	TO STA. 173+00			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
	CONTRACT NO. 66375			

REVISION	DATE	BY	COMPUTER FILE NO.
CONCRETE COLLAR REV.	12/08	FAV	DRAIN116EP2-01
			PROJECT: 03145
			9/05/07-MDS





































DESIGN		
INT.	DATE	REASON

PLOTS & CHECKS			
INT.	DATE	NO.	REASON

CHECKS		
INT.	DATE	REASON

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	94
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66375				

**SO-DEEP Inc.**  
The Subsurface Utility Engineering Company  
8397 Euclid Avenue  
Manassas Park, VA 20111  
(703) 361-6005

### So-Deep Test Hole Certification Form

© So-Deep, Inc. 1988, 1991

Control # **SIL106**  
Test Hole # **41**  
Plan Scale **1"=20'**  
Sheet # **4A**  
Proposed **GRADE CHANGE**  
Date **OCTOBER 24, 2006**

City, County, State **LIVINGSTON CO., IL**  
Gen. Loc. **SW CORNER OAK ST. & HACK ST.**  
Recorded Size/Material/Type **UNK. SIZE TELE. CABLES**  
Foreman/Truck#/Form By **J. HENRY / Z21 / J. HENRY**

Condition of paving prior to work **ASP. SHLDR. IN GOOD CONDITION**

B.M. #1 Elev. = **683.75'**  
is **CALCULATED**  
Description: **(TBM 6) CHIS "X" SET TOP N MOST BONNET BOLT OF F.H., 31'± RT OF CL STA 309+47±, HACK ST.**

B.M. #2 Elev. = **680.48'**  
is **CALCULATED**  
Description: **(TBM 7) CHIS "X" SET TOP N MOST BONNET BOLT OF F.H., 30'± LT OF CL STA 178+79±, IL-116**

Benchmarks check **BY 0.00'**  
Elevations are referenced to **B.M.#1**

Recorded Size/Type of utility **WAS FOUND**

There **WERE NOT** additional utilities in the test hole  
The utility **WAS** in good condition.  
Paving Thickness and type **4" ASPHALT**  
Color of ribbon installed **ORANGE**  
Soil Type **MOIST BROWN**  
Field Condition **ASP. SHLDR.**  
T.H. tied to **P.K. NAIL**

(1) 1" & (1) 2" TELE CABLES  
Size/Material/Type  
Portion of pipe exposed for C.D. measurement:  
**FULL**

Remarks: **NONE**

SO-DEEP will attempt to use the SMH most applicable to your design. If however, BMs differ by more than 0.5', resulting differences could cause design conflicts.

Existing Grade of **ASP. SHLDR.**

Survey Mark **P.K. NAIL** (set by SO-DEEP) Elev. **680.19'**

Actual field measurement by ruler (not calculated) **4.13'**

Surveyed Elev. **676.05'** Top Util/Struc.

Surveyed Elev. **676.11'** Bot. Util/Struc. (if required)

Width ± **0.33'**

TOP#2 ELEV. **676.11** ACTUAL **4.06**

TH DUG **350.2'± RT OF CL STA 179+28.2±, IL-116**

HACK ST. OAK ST.

DETAIL A: TYP. UTIL. 1" TELE. CABLE, P.K. NAIL SET HERE, TOP#2 2" TELE. CABLE, FACING NORTH

08" = 1" (Scale)

- Sewer Manhole
- Test Hole
- Pipe Hydrant
- Pole
- Electric Manhole
- T.S. = Traverse Station
- Valve
- Water Meter
- Telephone Manhole
- Telephone Pedestal

Performing out-of-sight work...with vision!<sup>SM</sup>  
Note: To Eliminate mistakes and check this work, So-Deep suggests you scale and plot all dimensions onto the plans and review all elevations carefully. So-Deep is responsible only for information shown on our forms.

ILLINOIS DEPARTMENT OF TRANSPORTATION

### TEST HOLES

FAP 681 (IL RTE. 116)  
SECTION (115)RS-1  
LIVINGSTON COUNTY  
VILLAGE OF CULLOM

REVISIONS	
NAME	DATE

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE: 3/1/07

DRAWN BY: LANDREY  
DESIGNED BY: \_\_\_\_\_  
CHECKED BY: BOTT

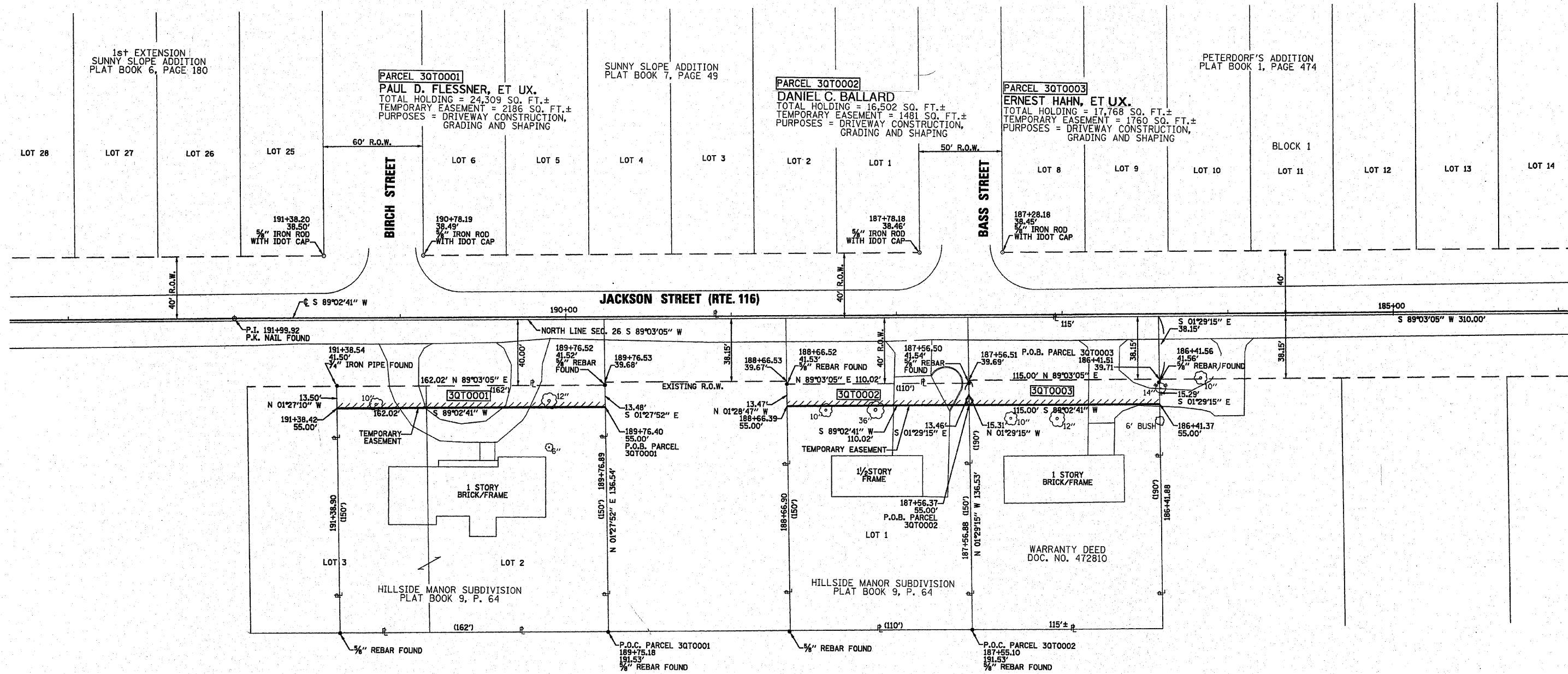
**GREENE & BRADFORD, INC.**  
OF SPRINGFIELD  
CONSULTING ENGINEERS  
PROFESSIONAL ENGINEERS  
REGISTERED IN THE STATE OF ILLINOIS  
ILL. REG. NO. 0374257 P.E. C. BRIGG

COMPUTER FILE NO.  
**03145TH14**

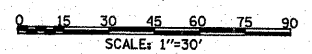
PROJECT **03145**  
09/05/07-WCB



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	95
		ILLINOIS	CONTRACT NO. 66375	



NOTE: BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NAD 83 ADJUSTMENT FROM THE FIELD NOTES FOR THE ROUTE SURVEY FOR THIS PROJECT, DATED 8-20-2000.



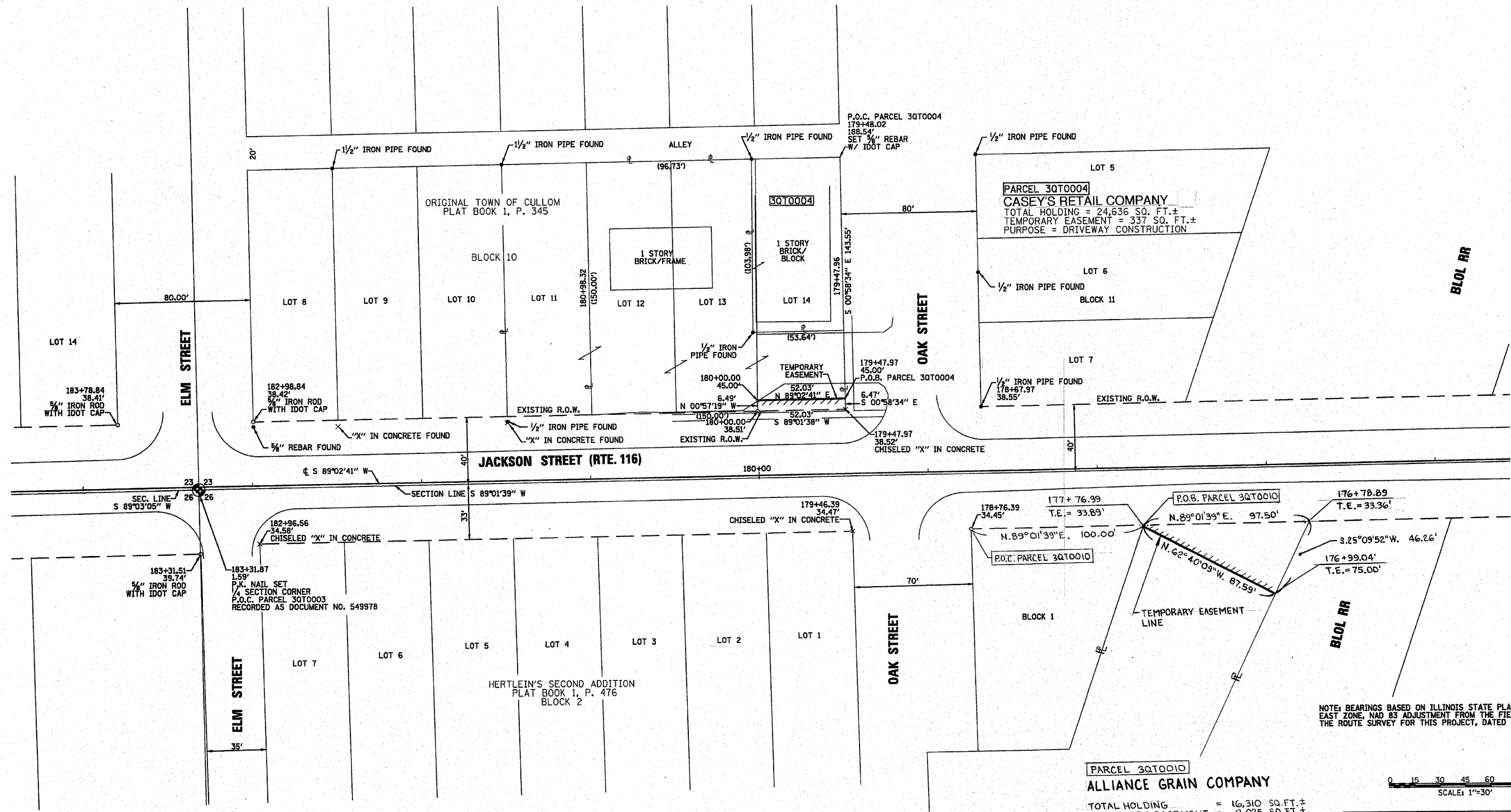
**RIGHT OF WAY PLANS**  
 ROUTE: F.A.P. 681 (IL RTE 116)  
 SECTION: (115) RS-1  
 COUNTY: LIVINGSTON  
 JOB NO. R-93-008-01  
 STA 184+00  
 STA 193+00  
 SCALE: 1"=30'



THIS IS TO CERTIFY THAT DAVID P. PHILLIPPE, IS A ILLINOIS PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, AND THAT THE SURVEY OF F.A.P. ROUTE 681 (ILLINOIS ROUTE 116) WAS MADE UNDER HIS DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF KNOWLEDGE AND BELIEF OF THE UNDERSIGNED, THAT ALL MONUMENTS AND MARKS ARE OF MY CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.  
 DATE: 5-27-04  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 2591  
 LICENSE EXPIRES 11/30/04

SEC. 23, T. 28 N., R. 8 E., 3rd P.M.

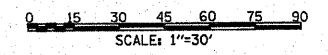
F.A.P. RTE. 681	SECTION (115)RS-1	COUNTY LIVINGSTON	TOTAL SHEETS 279	SHEET NO. 96
ILLINOIS				CONTRACT NO. 66375



THIS IS TO CERTIFY THAT DAVID P. PHILLIPPE, IS A ILLINOIS PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, AND THAT THE SURVEY OF F.A.P. ROUTE 681 (ILLINOIS ROUTE 116) WAS MADE UNDER HIS DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF KNOWLEDGE AND BELIEF OF THE UNDERSIGNED, THAT ALL MONUMENTS AND MARKS ARE OF MY CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATE: 5-27-04

ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 2591  
LICENSE EXPIRES 11/30/04



**RIGHT OF WAY PLANS**

ROUTE: F.A.P. 681 (IL RTE 116)  
SECTION: (115) RS-1  
COUNTY: LIVINGSTON  
JOB NO. R-93-008-01  
STA 176+00  
STA 184+00  
SCALE: 1"=30'

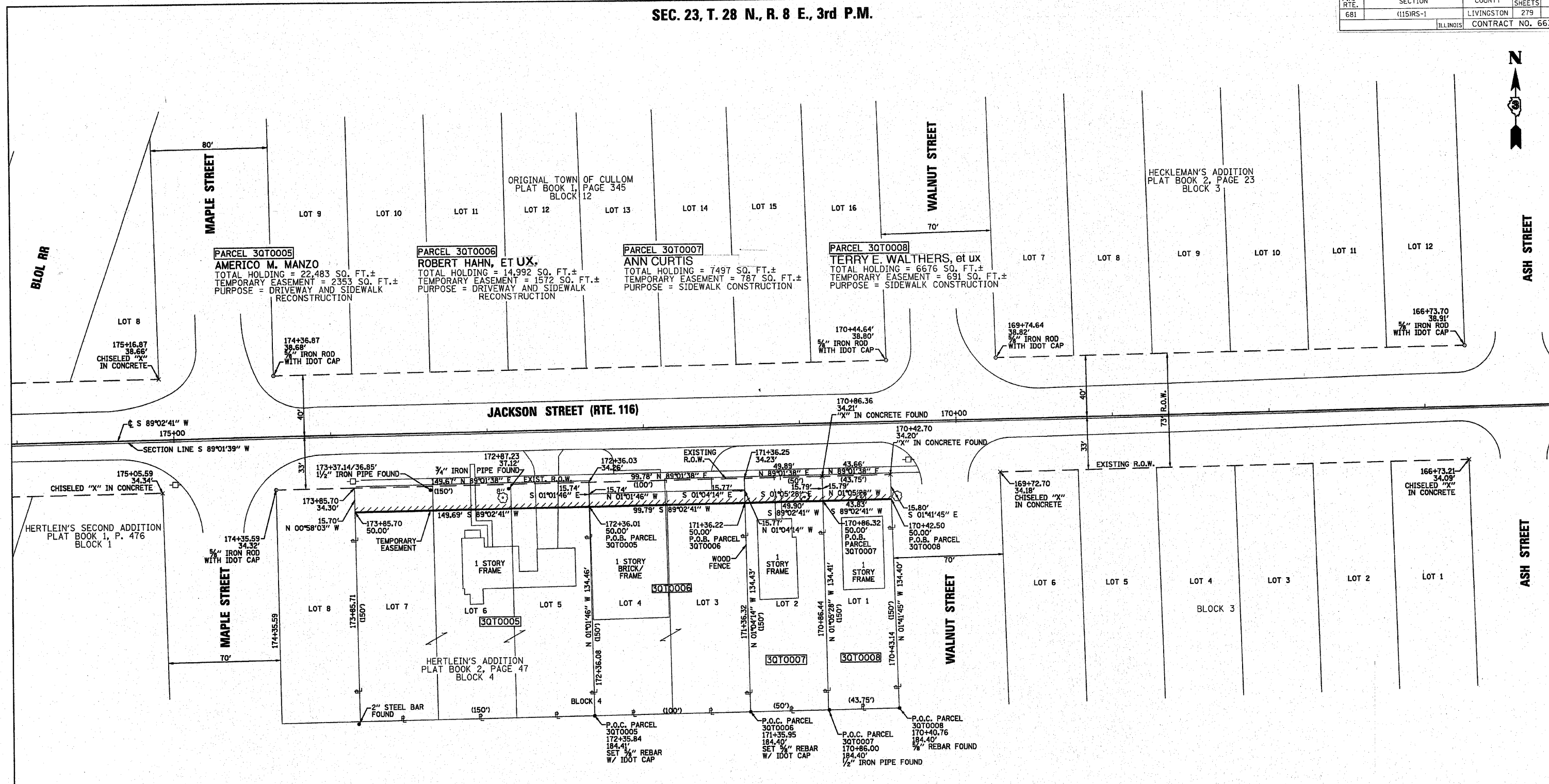
SHEET NO. 2 OF 4

SEC. 26, T. 28 N., R. 8 E., 3rd P.M.

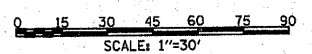
Revised 1-20-09, Added Parcel 10

SEC. 23, T. 28 N., R. 8 E., 3rd P.M.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	97
ILLINOIS			CONTRACT NO. 66375	



NOTE: BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NAD 83 ADJUSTMENT FROM THE FIELD NOTES FOR THE ROUTE SURVEY FOR THIS PROJECT, DATED 8-20-2000.



RIGHT OF WAY PLANS

ROUTE: F.A.P. 681 (IL RTE 116)  
 SECTION: (115) RS-1  
 COUNTY: LIVINGSTON  
 JOB NO. R-93-008-01  
 STA 166+50  
 STA 176+00  
 SCALE: 1"=30'



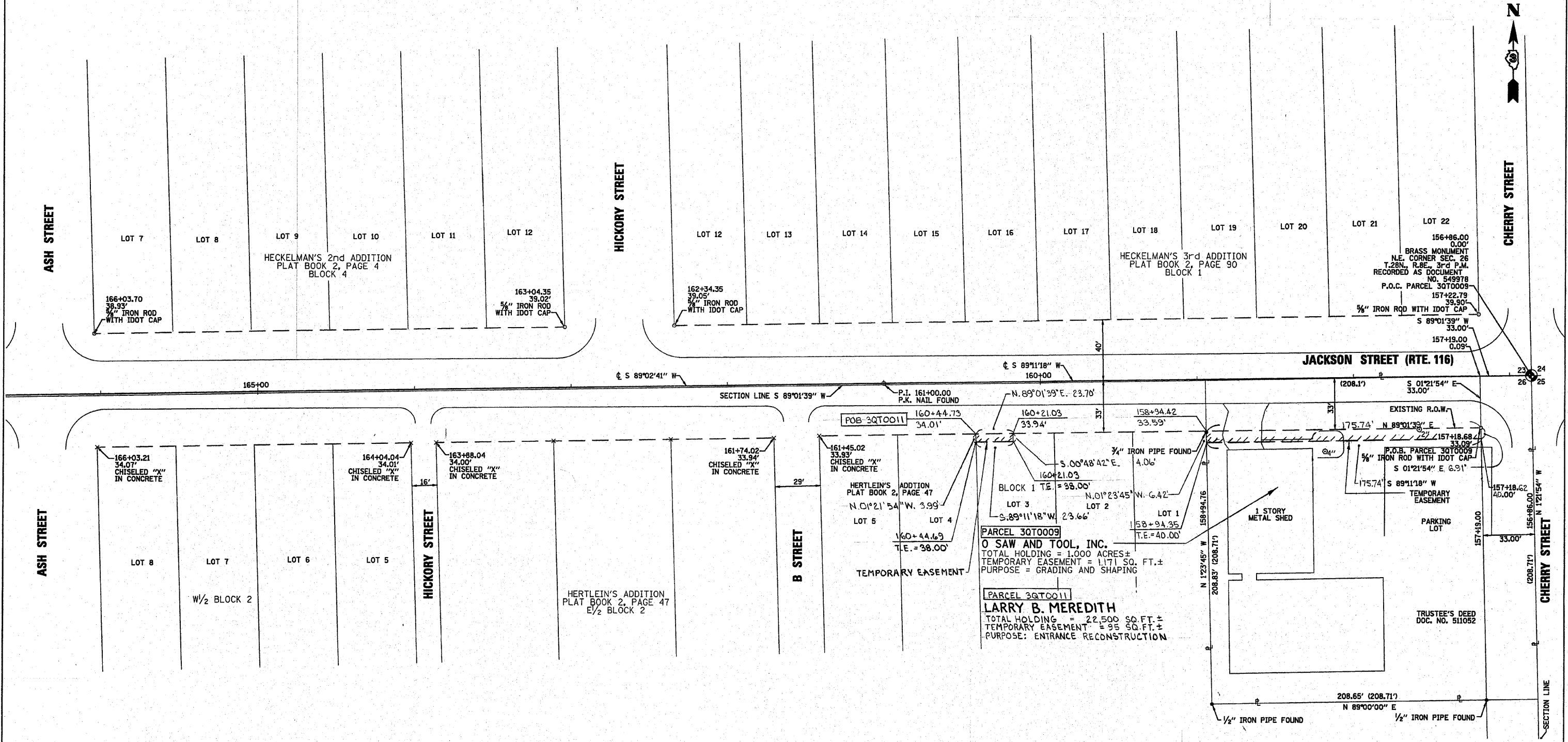
THIS IS TO CERTIFY THAT DAVID P. PHILLIPPE, IS A ILLINOIS PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, AND THAT THE SURVEY OF F.A.P. ROUTE 681 (ILLINOIS ROUTE 116) WAS MADE UNDER HIS DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF KNOWLEDGE AND BELIEF OF THE UNDERSIGNED, THAT ALL MONUMENTS AND MARKS ARE OF MY CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATE: 5-27-04

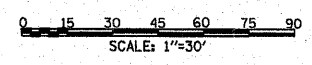
ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 2591  
 LICENSE EXPIRES 11/30/04

SEC. 26, T. 28 N., R. 8 E., 3rd P.M.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(115)RS-1	LIVINGSTON	279	98
ILLINOIS			CONTRACT NO. 66375	



NOTE: BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE, NAD 83 ADJUSTMENT FROM THE FIELD NOTES FOR THE ROUTE SURVEY FOR THIS PROJECT, DATED 8-20-2000.



**RIGHT OF WAY PLANS**

ROUTE: F.A.P. 681 (IL RTE 116)  
 SECTION: (115) RS-1  
 COUNTY: LIVINGSTON  
 JOB NO. R-93-008-01  
 STA 156+86  
 STA 166+20  
 SCALE: 1"=30'



THIS IS TO CERTIFY THAT DAVID P. PHILLIPPE, IS A ILLINOIS PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, AND THAT THE SURVEY OF F.A.P. ROUTE 681 (ILLINOIS ROUTE 116) WAS MADE UNDER HIS DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF KNOWLEDGE AND BELIEF OF THE UNDERSIGNED, THAT ALL MONUMENTS AND MARKS ARE OF MY CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

DATE: 5-27-04

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 LICENSE EXPIRES 11/30/04





