

INDEX OF SHEETS

- 1 COVERSHEET
- 2 GENERAL NOTES
- 3-5 SUMMARY OF QUANTITIES
- 6-7 TYPICAL SECTION
- 8 SCHEDULE OF QUANTITIES
- 9-13 DETAILS
- 14 HIGHWAY STANDARDS, PLAN NOTES & BILL OF MATERIALS
- 15 SCHEDULE OF QUANTITIES
- 20 ALIGNMENT, TIES & BENCHMARKS
- 21 EXISTING & PROPOSED DRAINAGE & UTILITY PLANS
- 34 CROSS SECTIONS
- 68 TEST HOLE CERTIFICATION FORMS
- 74 STANDARDS WATERMAN DETAILS & NOTES

STANDARDS

- 000001-04 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-02 TEMPORARY EROSION CONTROL SYSTEMS
- 442201-01 CLASS C AND D PATCHES
- 542101 REINF CONC END SECTIONS FOR PIPE CULVERTS 375 mm (15") THRU 900 mm (36") DIAMETER AT RIGHT ANGLES WITH ROADWAY
- 542206 REINF CONC END SECTIONS FOR PIPE CULVERTS 1050 mm (42") THRU 1500 mm (60") DIAMETER SKEWED WITH ROADWAY
- 602001 CATCH BASIN, TYPE A
- 602301 INLET, TYPE A
- 602401 MANHOLE, TYPE A
- 602701 CAST IRON STEPS
- 604001-02 FRAME AND LIDS, TYPE 1
- 604006-02 FRAME AND GRATE, TYPE 3
- 604036-01 GRATE, TYPE 8
- 604046-01 FRAME AND GRATE, TYPE 10
- 606001-02 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701001-01 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 4.5 m (15') AWAY
- 701006-02 OFF-ROAD OPERATIONS 2L, 2W, 4.5 m (15') TO 600 mm (24") FROM PAVEMENT EDGE
- 701011-01 OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY
- 701306-01 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS P 45 MPH
- 701311-02 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701501-03 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 702001-05 TRAFFIC CONTROL DEVICES
- 780001-01 TYPICAL PAVEMENT MARKINGS
- 781001-02 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS



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 _____

JULIE 1-800-892-0123

DISTRICT 3 NO. (815) 434-6131

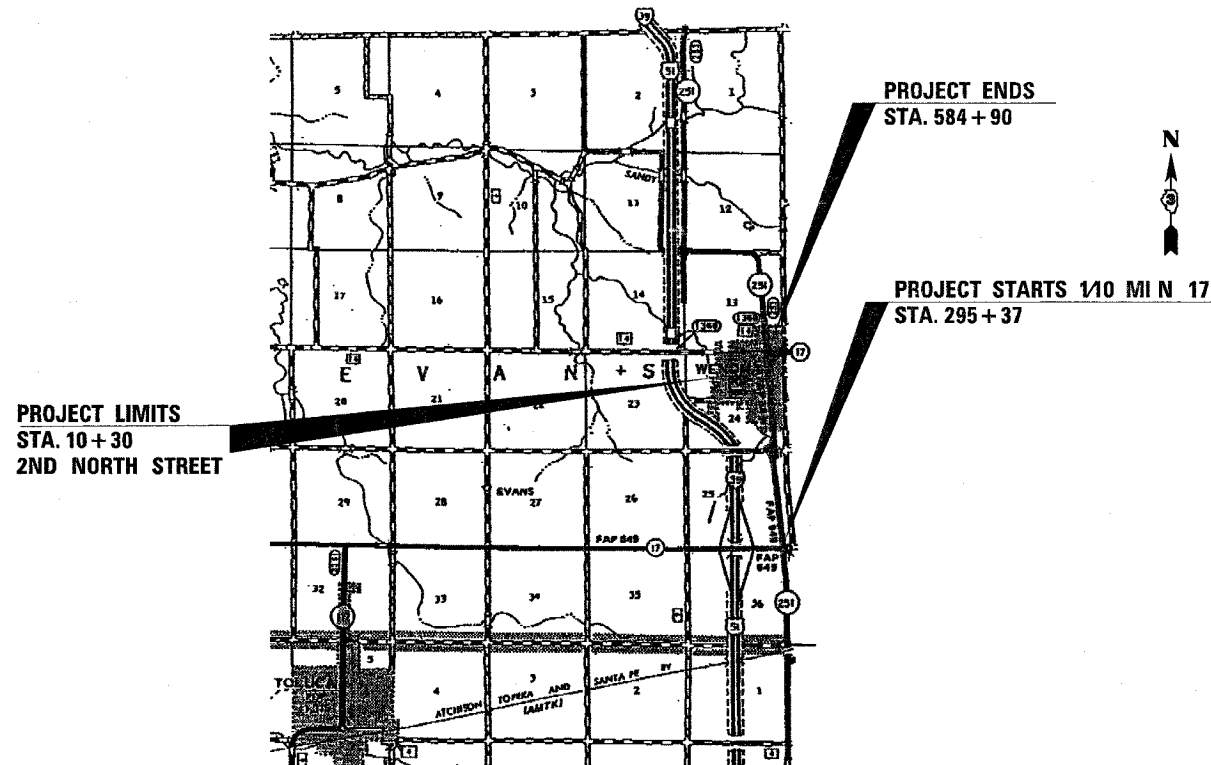
PROJECT ENGINEER: DAN DRAPER
UNIT CHIEF: PAT BRABOY
TOWNSHIP: EVANS

CONTRACT NO. 66403

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
FEDERAL AID HIGHWAY
FAP ROUTE 649 (IL 17/L 251)
SECTION 67(T)RS-2&I
PROJECT F-0649(013)
MARSHALL COUNTY

C-93-177-03

IL 17: FROM 0.34 MILES S. OF SOUTH 5TH ST. TO ELM ST. IN WENONA

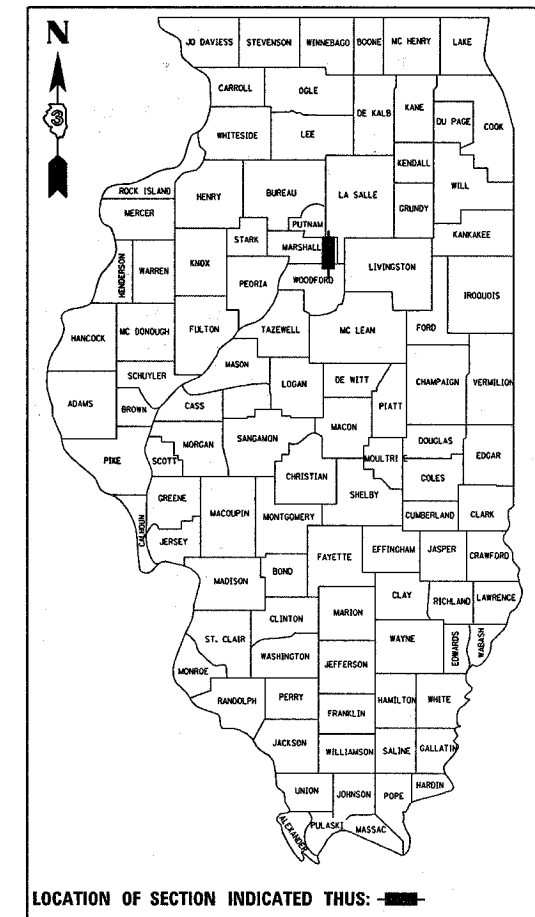


LOCATION MAP
NOT TO SCALE

GROSS LENGTH = 9768 FT. = 1.85 MI.
 NET LENGTH = 9768 FT. = 1.85 MI.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649		MARSHALL	74	1

ILLINOIS PROJECT
 *67(T)RS-2&I
D-93-065-03



LOCATION OF SECTION INDICATED THUS: [Symbol]

FUNCTION CLASSIFICATION-MINOR ARTERIAL(RURAL)
 2003 ADT = 3800
 P.V. = 92.1% S.U. = 5.3% M.U. = 2.6%

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED APRIL 7 2005
Deputy Director
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
May 13, 2005
Mike Nunez
 ENGINEER OF DESIGN AND ENVIRONMENT
May 13, 2005
Victor Maden
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

APRIL 6, 2005 /ed06503/cover.stn.dgn

CONTRACT 66403

F. A. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649		MARSHALL	74	2
STA.		TO STA.		
FED. ROAD DIST. NO.		KILGORE	FED. AID PROJECT	

*67(T)RS-2&I

GENERAL NOTES

THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

THE BITUMINOUS 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 BITUMINOUS SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE BITUMINOUS SURFACE

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.

AGGREGATE (PRIME COAT): FA 20 MAY BE USED IN ADDITION TO THE GRADATIONS LISTED IN THE 3RD PARAGRAPH OF ARTICLE 1003.03(c) OF THE STANDARD SPECIFICATIONS.

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

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 SEEDING.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW BITUMINOUS PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

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 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
BITUMINOUS 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

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

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE: ILLINOIS POWER-BURIED GAS, COMMONWEALTH EDISON-OVERHEAD ELECTRIC, VERIZON-BURIED TELEPHONE, MEDIACOM-OVERHEAD CABLE TV, VILLAGE OF WENONA-BURIED WATER, BP PIPELINE CO.-BURIED PETROLIUM PIPELINE

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 701.04(B)(1) OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES FOR TRAFFIC CONTROL.

COMMITMENTS:
404 PERMIT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: Thomas R. Sandberg
DISTRICT STUDIES & PLANS ENGINEER

DATE: 4-7-05

EXAMINED BY: Harold Johnson
DISTRICT CONSTRUCTION ENGINEER

Kenneth Cameron
DISTRICT MATERIALS ENGINEER

Steve DeWester
DISTRICT OPERATIONS ENGINEER

ILLINOIS DEPARTMENT OF TRANSPORTATION

REVISIONS	
NAME	DATE

GENERAL NOTES

CONTRACT NO. 66403

P.A.P. SHEET NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	6T11RS-2 & I	MARSHALL	74	3
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
D-93-065-03				

SUMMARY OF QUANTITIES				CONSTR. TYPE CODE		
CODE NO.	ITEM	UNIT	TOTAL QTY	I 000 ROADWAY 20% STATE 80% FED	Y007 100% CITY	Y025 100% CITY
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	10.3	10.3		
20101000	TEMPORARY FENCE	FOOT	2338	2338		
20800150	TRENCH BACKFILL	CU YD	5850	5850		
* 25000300	SEEDING, CLASS 3	ACRE	0.4	0.4		
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	39	39		
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	39	39		
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	39	39		
* 25100115	MULCH, METHOD 2	ACRE	0.4	0.4		
28000400	PERIMETER EROSION BARRIER	FOOT	3304	3,304		
28100107	STONE RIPRAP, CLASS A4	SQ YD	34	34		
28200200	FILTER FABRIC	SQ YD	34	34		
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3221	2983.8		237.2
40600300	AGGREGATE (PRIME COAT)	TON	75	75		
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	11	11		
40600895	CONSTRUCTING TEST STRIP	EACH	1	1		
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	1058	1058		
40600990	TEMPORARY RAMP	SQ YD	73	73		
40800040	INCIDENTAL BITUMINOUS SURFACING	TON	129	129		
44000006	BITUMINOUS SURFACE REMOVAL 1 1/2"	SQ YD	11562	8597		2965
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2251	2251		
44201785	CLASS D PATCHES, TYPE I, 12 INCH	SQ YD	2	2		
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	44	44		
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	580	580		
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	765	765		
44213200	SAW CUTS	FOOT	7,373	7,373		
48101200	AGGREGATE SHOULDERS, TYPE B	TON	459	459		
48202400	BITUMINOUS SHOULDERS SUPERPAVE 6"	SQ YD	229	229		
54010402	PRECAST CONCRETE BOX CULVERT 4' X 2'	FOOT	46	46		
54207177	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE - ELLIPTICAL, EQUIVALENT ROUND-SIZE 42"	FOOT	360	331.6		28.4
54213465	END SECTIONS 30"	EACH	1	1		
54213477	END SECTIONS 42"	EACH	1	1		
54215430	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 30"	EACH	1	1		
54215442	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 42"	EACH	1	1		
55019500	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 12"	FOOT	47	47		
55021600	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 12"	FOOT	113	113		
55021800	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 18"	FOOT	1293	1293		
55022000	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 24"	FOOT	771	771		
55022200	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 30"	FOOT	41	41		

* INDICATES SPECIALTY ITEM

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY

SCALE: VERT. HORIZ. DRAWN BY: CHECKED BY:
DATE

CONTRACT NO. 66403

F.A.P. FILE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
649	6717RS-2 & I	MARSHALL	74	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
D-93-065-03				

SUMMARY OF QUANTITIES				CONSTR. TYPE CODE		
CODE NO.	ITEM	UNIT	TOTAL QTY	I 000 ROADWAY 20% STATE 80% FED	Y007 100% CITY	100% CITY Y025
55022500	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 42	FOOT	126	116	10	
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	155	155		
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	786	786		
550A2540	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18"	FOOT	151	151		
550A2580	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 30"	FOOT	327	301.2	25.8	
550A2600	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 36"	FOOT	1473	1356.6	116.4	
56106200	ADJUSTING WATER MAIN 4"	FOOT	275	275		
56106300	ADJUSTING WATER MAIN 6"	FOOT	75	75		
56106400	ADJUSTING WATER MAIN 8"	FOOT	80	80		
60100070	SHOULDER REMOVAL AND REPLACEMENT	SQ YD	1712	1712		
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	7	7		
60200305	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	12	12		
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	5	5		
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1		
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2		
60218500	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	11	11		
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1		
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	17	17		
60221200	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	9	9		
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1	1		
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	7	7		
60236700	INLETS, TYPE A, TYPE 10 FRAME AND GRATE	EACH	1	1		
60500050	REMOVING CATCH BASINS	EACH	1	1		
60500060	REMOVING INLETS	EACH	14	14		
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2251	2251		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	254	254		
* 66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1		
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1		
* 66901000	BACKFILL PLUGS	CU YD	42	42		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	7	7		
67100100	MOBILIZATION	L SUM	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	25	25		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	5140	5140		
* 70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	156	156		
* 70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	25281	25281		
* 70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1880	1880		

* INDICATES SPECIALTY ITEM

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY

SCALE: VERT. DATE
HORIZ. DRAWN BY
CHECKED BY

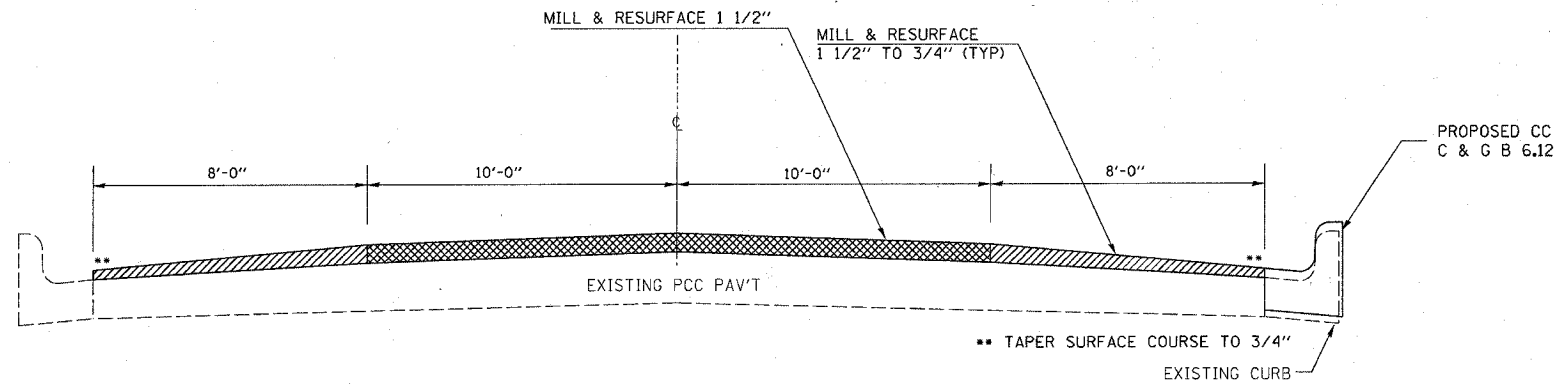
F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	671RIS-2 & I	MARSHALL	74	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
D-93-065-03				

SUMMARY OF QUANTITIES				CONSTR. TYPE CODE		
CODE NO.	ITEM	UNIT	TOTAL QTY	I 000- ROADWAY 20% STATE 80% FED	Y007 100% CITY	Y025 100% CITY
* 70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	652	652		
* 70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	549	549		
* 70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	68	68		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	566	566		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	156	156		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	25281	25281		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1860	1860		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	549	549		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	68	68		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	203	203		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	153	153		
K1005863	TREE ROOT PRUNING	EACH	12	12		
X0301828	ENGINEERED BARRIER	SQ YD	728	728		
* X0321907	STORM SEWERS, TYPE 2, WATERMAIN QUALITY PIPE, 12"	FOOT	137	137		
* X0321909	STORM SEWERS, TYPE 2, WATERMAIN QUALITY PIPE, 24"	FOOT	392	392		
X0324160	CATCH BASIN WITH HALF TRAP, 4' DIAMETER (INCLUDING FRAME AND LID)	EACH	1	1		
X0914300	PRECAST CONCRETE BOX CULVERT END SECTION 4'X2'	EACH	2	2		
X4066414	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	TON	3322	3133		189
X4066735	LEVELING BINDER (HAND METHOD), SUPERPAVE N50	TON	19	19		
X4066765	LEVELING BINDER (MACHINE METHOD), SUPERPAVE N50	TON	1195	1195		
XX001391	REMOVAL AND REPLACEMENT OF BITUMINOUS DRIVEWAY	SQ YD	469	469		
XX001018	REMOVAL AND REPLACEMENT OF CONCRETE DRIVEWAY	SQ YD	46	46		
XX004827	REMOVE EXISTING PIPE CULVERTS, SPECIAL	FOOT	46	46		
* XX005432	STORM SEWERS, TYPE 2, WATERMAIN QUALITY PIPE, 18"	FOOT	34	34		
XX146400	STORM SEWER REMOVAL	FOOT	472	472		
* X0321912	STORM SEWERS, TYPE 2, WATERMAIN QUALITY PIPE, 30"	FOOT	872	872		
* X0321919	STORM SEWERS, TYPE 2, WATERMAIN QUALITY PIPE, 42"	FOOT	408	375.8	32.2	

* INDICATES SPECIALTY ITEM

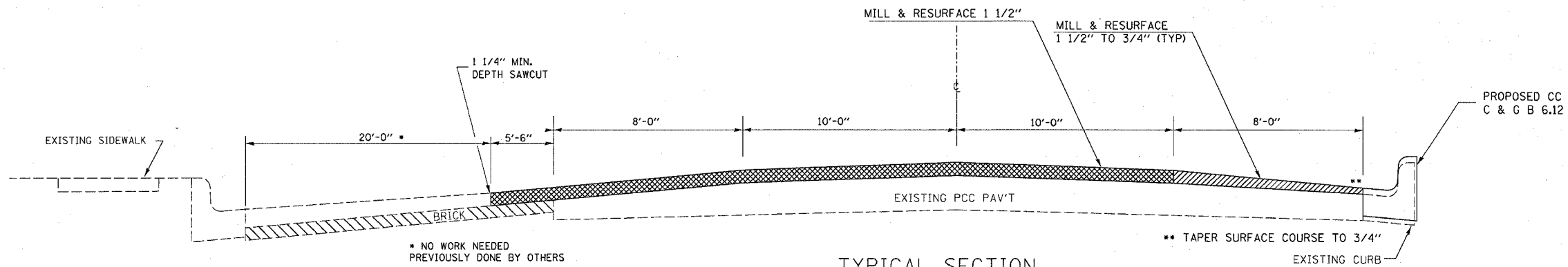
SUMMARY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	67(I)RS-2&I	MARSHALL	74	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



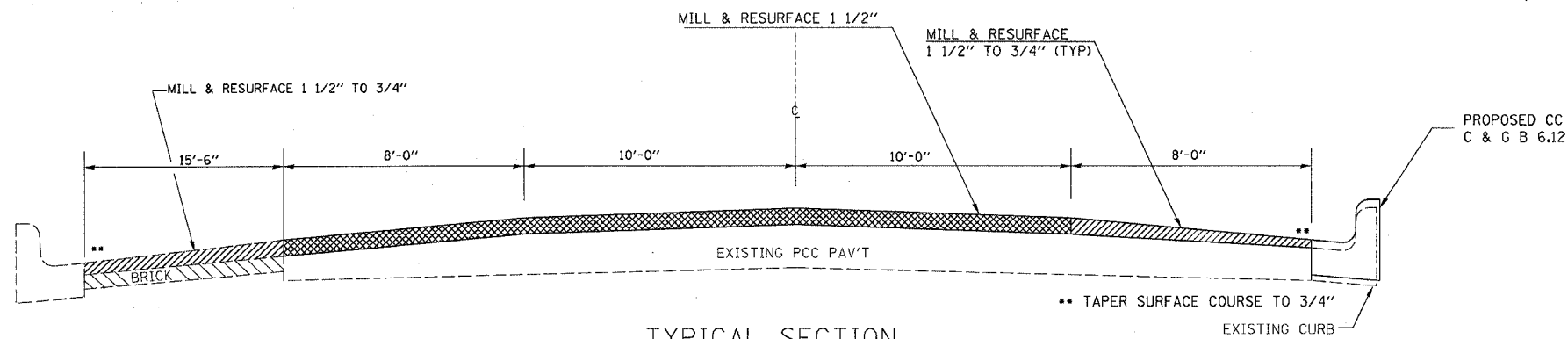
TYPICAL SECTION

STA 559+65 TO 566+80
STA 574+00 TO 585+50



TYPICAL SECTION

STA 569+00 TO 574+00



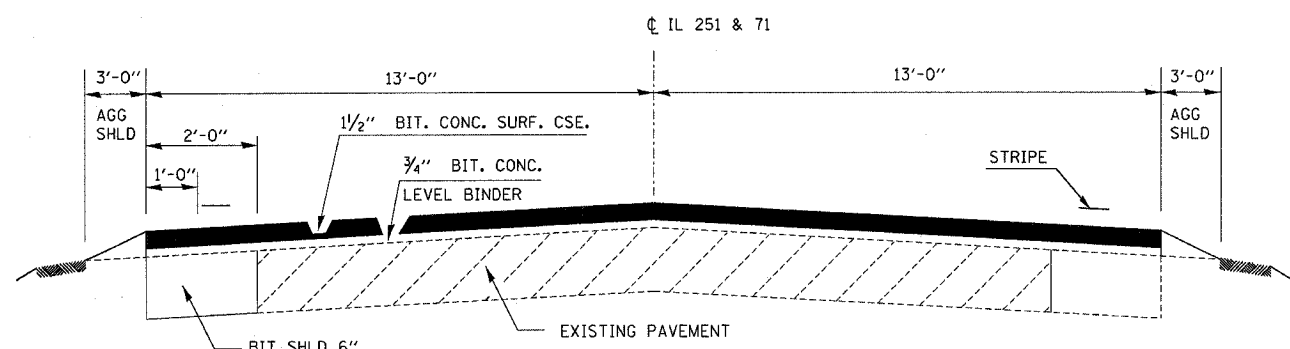
TYPICAL SECTION

STA 569+00 TO 574+00

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p>TYPICAL SECTION</p> <p>SCALE: VERT. HORIZ.</p> <p>DATE</p> <p>DRAWN BY</p> <p>CHECKED BY</p>

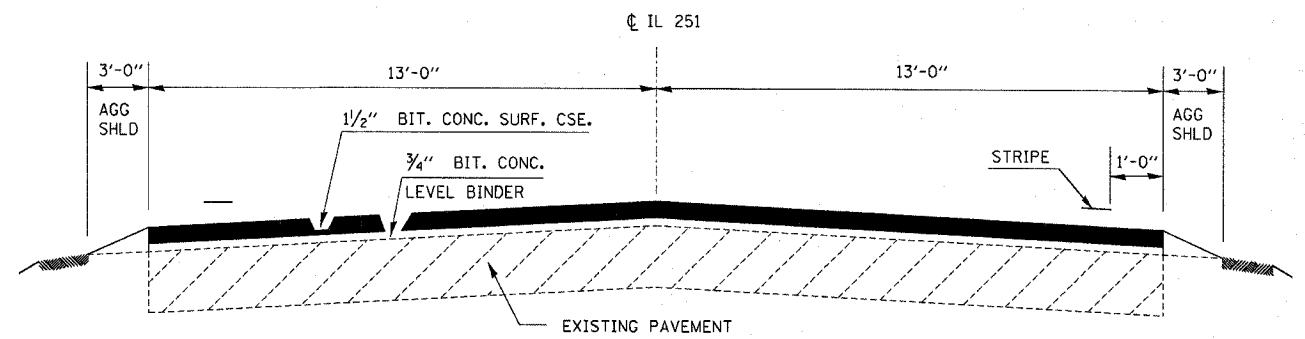
PLOT DATE = 4/9/2005
PLOT SCALE = 1/4" = 1'-0"
USER NAME = KUSERR

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	67(T)RS-2&I	MARSHALL	74	7
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		



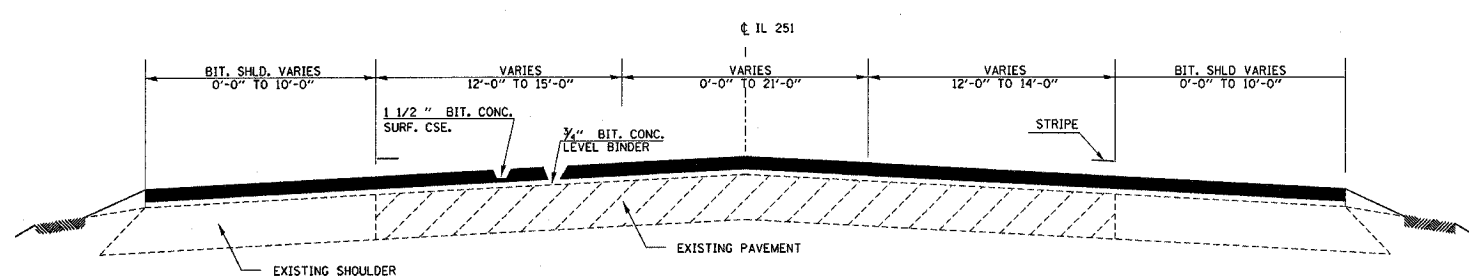
PROPOSED ROADWAY TYP. SECTION

STA 542+55 TO STA 547+70



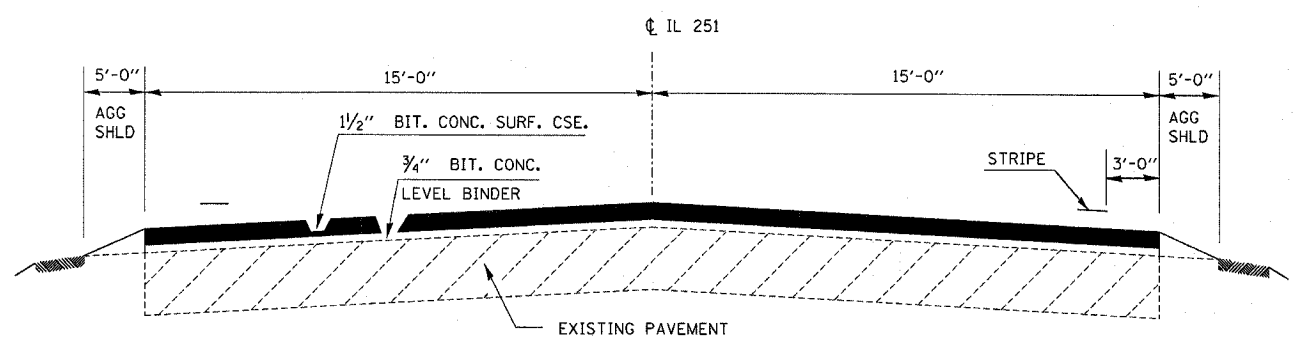
PROPOSED ROADWAY TYP. SECTION

IL 17 (ELM STREET)
FROM IL 17/251 INTERSECTION @ STA 585+30
TO 700' EAST ALONG IL 17 (ELM STREET)



PROPOSED ROADWAY TYP. SECTION

STA 0+00 TO 542+55
STA 252+65 TO 258+41



PROPOSED ROADWAY TYP. SECTION

STA. 258+41 TO 295+37

PLOT DATE = 4/8/2005
FILE NAME = #FILE#
PLOT SCALE = #SCALE#
USER NAME = #USER#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION

SCALE: VERT. _____
HORIZ. _____
DATE _____

DRAWN BY _____
CHECKED BY _____

F.A.A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	6717RS-2 & I	MARSHALL	74	8
STA.	TO STA.			
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
D-93-065-03				

	SUPERPAVE LEVEL BINDER	SUPERPAVE SURFACE	SUPERPAVE BASE COURSE***	SUPERPAVE SHOULDERS
PG GRADE	PG 64-22	PG 64-22	PG 58-22	PG 58-22
MAX % RAP ALLOWABLE**	25%	15%	25%	25%
DESIGN AIR VOIDS	4% @ N50	4% @ N50	2% @ N30	4% @ N50
MIXTURE COMPOSITION	IL 9.5	IL 9.5	BAM	IL 19.0
FRICITION AGGREGATE		MIXTURE C		
PLANT CONTROL LIMITS	CLASS I	CLASS I	NON-CLASS I	CLASS I
DENSITY CONTROL LIMITS	SATISFACTION OF THE ENGINEER	CORES	% OF GROWTH CURVE	.

BITUMINOUS SHOULDER						
LOCATION	SIDE	LENGTH	AREA	BIT. SHLD 6"	EXCAV'T & GRADING EX SHOULDER	
STA TO STA	LT/RT	FT	SQ. YD.	SQ YD	UNIT	
547+70 TO 542+55	LT	515	114.5	114.5	5.15	
547+70 TO 542+55	RT	515	114.5	114.5	5.15	
TOTALS				229	10.3	

SIDEROAD AND ENTRANCE SCHEDULE				
LOCATION	DESCRIPTION	TOTAL AREA	BIT. SURF. REM. BT JT	INC. BIT. SURF.
STATION		SQ YD	SQ YD	TON
538+20	EIGHTH ST. RT	256.7	257.00	32.3
538+20	EIGHTH ST. LT*	166.7	167.00	21.0
546+59	PE RT	100.0	100.00	12.6
548+03	PE LT	100.0	100.00	12.6
549+02	PE LT	90.0		11.3
549+80	FIFTH SOUTH ST. LT	106.7	107.00	13.4
549+80	FIFTH SOUTH ST. RT	106.7	107.00	13.4
TOTALS		926.7	838.00	128.4

*SIDEROAD IS PCC. PAY FOR AS BIT SURF. REM (BUTT JOINT)

• MATERIAL SHALL BE COMPACTED TO 93-97 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT THE BOTTOM LIFT SHALL BE COMPACTED TO A MINIMUM OF 91 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/QA SPECIFICATION.
 ** IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.
 ***THIS MIXTURE WILL BE USED FOR SHOULDER REMOVAL AND REPLACEMENT PAY ITEM

PAVEMENT MARKING SCHEDULE

LOCATION	LENG. FT	THERMO PVT MARKING LINE- 4"		THERMO PVT MARKING LINE- 6"	THERMO PVT MARKING LINE- 8"	THERMO PVT MARKING LINE- 12"	THERMO PVT MARKING LINE- 24"	THERMO PVT MK LETTERS AND SYMBOLS	TEMP PVT MARKING LINE- 4"	TEMP PVT MARKING LINE- 6"	TEMP PVT MARKING LINE- 8"	TEMP PVT MARKING LINE- 12"	TEMP PVT MARKING LINE- 24"	TEMP PVT MK LETTERS & SYMBOLS	RAISED REFL. PVT MK	RAISED REFL. PVT MK REM	SHORT TERM PVT MK	WK ZONE PVT MK REMOVAL	
		WHITE	YELL	YELL	WHITE	WHITE	YELL	WHITE	WHITE	YELL	YELL	WHITE	YELL	WHITE	WHITE	EACH	EACH	FT	SQ FT
		FT	FT	FT	FT	FT	FT	FT	SQ FT	FT	FT	FT	FT	FT	SQ FT				
IL RT 17 0+00 & US RT 251 252+65, 41' West							8.3						8.3						
IL RT 17 / STA 0+00 to 2+00	200	400	678.2		128		30	31.2	1078.2				128	30	31.2	20	0	541.5	59.6
IL RT 17 STA 2+00 to 8+00	600	1200	2030.1		45		512.6		3230.1				45	512.6	30	0	603	66.3	
STA EQ IL RT 17 STA 8+00 = 538+00 BK																			
IL RT 17 538+00 to 544+00	600	1200	1200.0						2400.0						8	8	180	19.8	
IL RT 17 544+00 to 547+70	370	740	740						1480.0						5	5	111	12.2	
IL RT 17/251 STA 547+70 to STA 585+50	3780	7,560		945					7560.0	945					47	47	1134	124.7	
IL RT 17/251 STA 252+65 to STA 255+91	326	652	562.6		321	36.2	29.4	124.8	1214.6				321	36.2	29.4	124.8	1320.79	145.3	
IL RT 17/251 STA 255+91 to STA 258+41	250	500	500.0		81				1000.0				81			19	19	150	16.5
IL RT 17/251 STA 295+37 to 258+41	3659	7318		915					7318.0	915					45	45	1100	122.0	
US Route																			
IL RT 17/251 STA 252+70 Concrete Island					77								77		8	8			
TOTAL	9,785.0	19570	5711	1,860.0	652.0	36.2	512.63	67.7	156.0	25,281.0	1,860.0	652.0	548.83	67.7	156.0	203.0	153.0	5,140.3	566.4
GRAND TOTALS	9,785	25,281		1,860	652	549		68	156	25,281	1,860	652	549	68	156	203	153	5,140	566

MAINLINE

LOCATION	LENGTH	AREA	LEVEL BIND (MM) SUPERPAVE	LEVEL BIND (HM) SUPERPAVE	MIX CRACKS JOINTS & FLANGWAYS	AGG. PRIME COAT	TEMP RAMP	BIT MATLS. (PR. CT.)	BIT. CONC. SURF. CSE. SUPERPAVE	BIT SURF REM-BUTT JOINT	AGG SHLD, TYPE B	BIT SURF REM 1 1/2"
STATION	FT	SQ. YD.	TON	TON	TON	TON	SQ YD	GAL	TON	SQ YD	TON	SQ YD
585+80 TO E. of IL 251/17 Inter	700	2022	85	1.0	0.6	4.0	9.0	161.8	169.8		30.0	
585+80 TO 585+50	30	120								120		
585+50 TO 574+00	1150	3578	0.0	1.8	1.1	7.2	32.0	286.2	300.6			3578.0
574+00 TO 569+00	500	1555	0.0	0.8	0.5	3.1		124.4	130.6			1555.0
569+00 TO 566+80	220	684	0.0	0.3	0.2	1.4		54.7	57.5			684.0
566+80 TO 559+85	695	2162	0.0	1.1	0.6	4.3		173.0	181.6			2162.0
559+85 TO 547+70	1215	3240	136.0	1.6	1.0	6.5		259.2	272.2		92.0	
547+70 TO 542+55	515	1488	63.0	0.7	0.4	3.0		119.0	125.0		39.0	
542+55 TO 538+00	455	1415	59.4	0.7	0.4	2.8		113.2	118.9		35.0	
8+00 TO 3+80	420	2566	107.0	1.3	0.8	5.1		205.3	215.5		32.0	
3+80 TO 0+00	380	2955	124.0	1.5	0.9	5.9		236.4	248.2		29.0	
252+65 TO 258+41	576	3313	102.6	1.7	1.0	6.6	32.0	265.0	278.3		44.0	
258+41 TO 295+37	3696	12320	518.0	6.2	3.7	24.6		985.6	1034.9		158.0	
295+37 TO 295+67	30									100.0		
SUBTOTAL 100% STATE			1195.0	18.6	11.2	74.6	73.0	2983.8	3133.0	220.0	459.0	8597.0
PARKING LANES (100% CITY)												
585+50LT TO 574+00LT	1150	1022						81.8	65.0			1022.0
574+00LT TO 569+00LT	500	750						60.0	48.0			750.0
569+00LT TO 566+80LT	220	575						46.0	37.0			575.0
566+80LT TO 559+85LT	695	618						49.4	39.0			618.0
SUBTOTAL 100% CITY								237.2	189.0			2965.0
TOTALS			1195.0	18.6	11.2	74.6	73.0	3221.0	3322.0	220.0	459.0	11562.0

• PROJECT TO EXTEND EAST ALONG ELM STREET (IL 17) FROM THE IL 17/251 INTERSECTION FOR 700' AT APPROX STATION ON IL 17/251 585+80

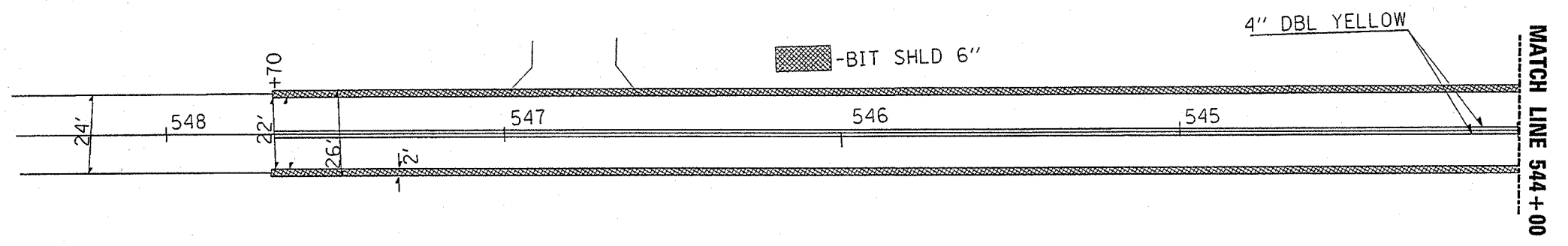
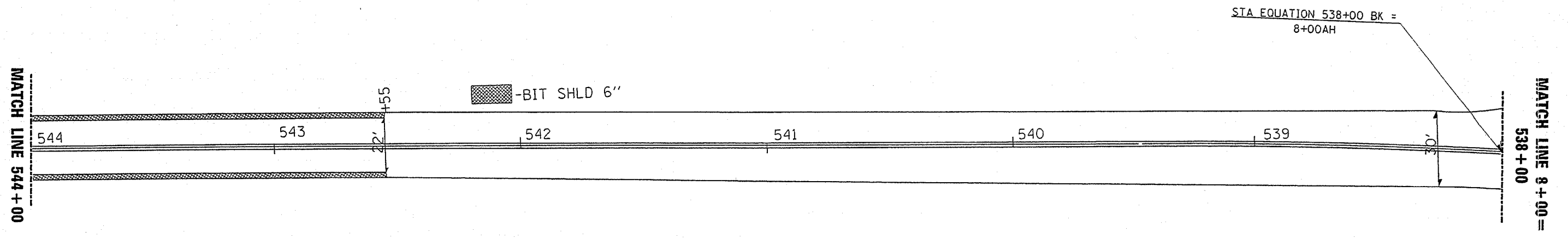
BOX CULVERTS			
LOCATION	PRCBC	BOX CULVERT	REMOVE EX
	4x2	END SECTION	P. CULV., SPEC.
	FOOT	EACH	FOOT
545+30	46	2	46

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULES

SCALE: VERT. HORIZ. DRAWN BY CHECKED BY DATE

CONTRACT NO. 66403				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649		MARSHALL	74	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

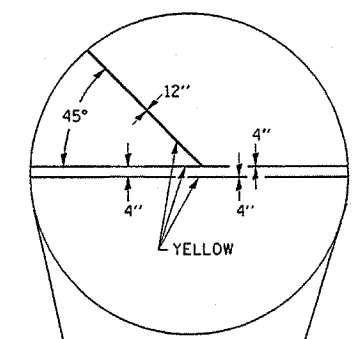
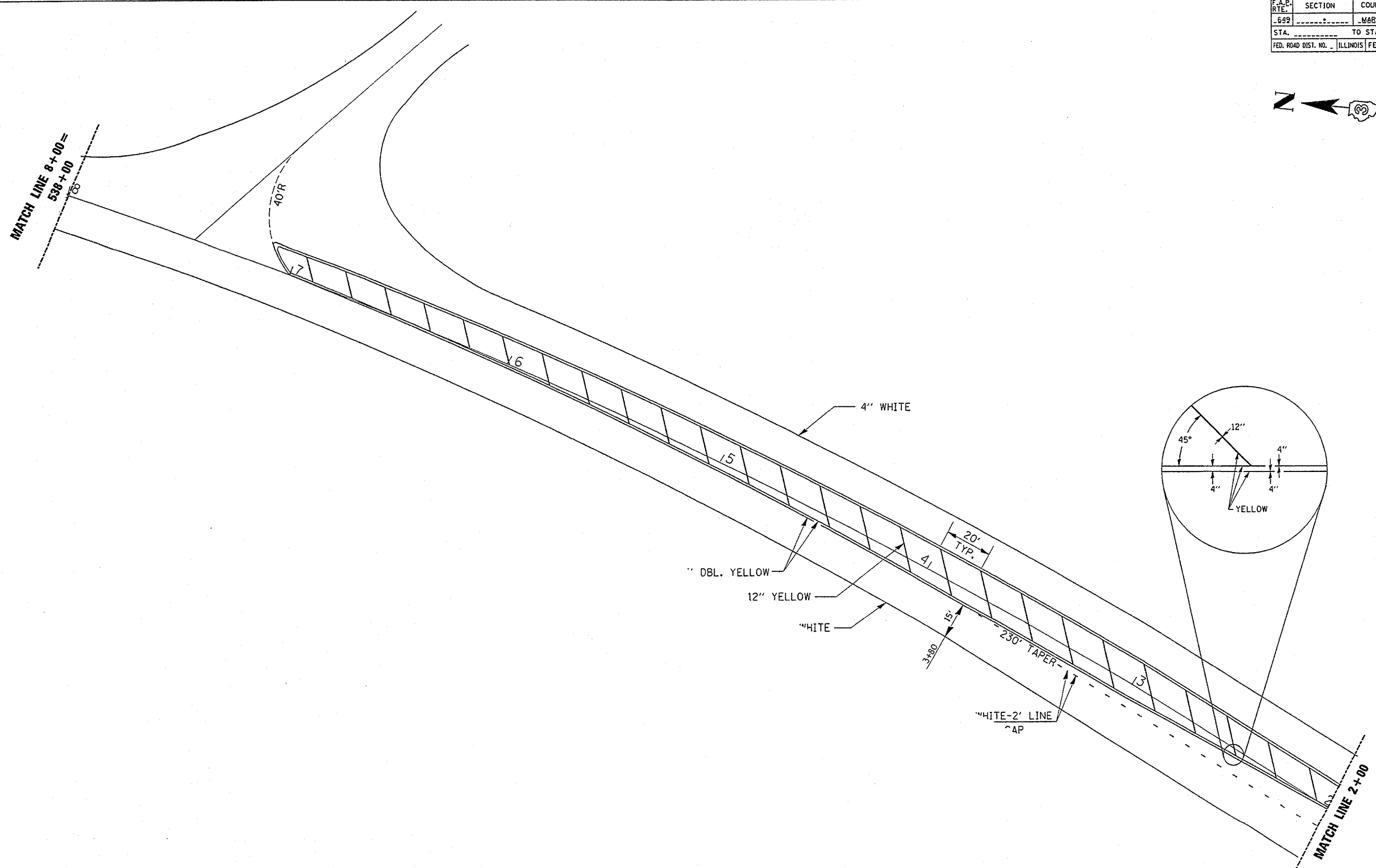
ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAILS

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

PLOT DATE * DATE
 FILE NAME * FILE
 PLOT SCALE * SCALE
 REFERENCE * REF

CONTRACT NO. 66403			
F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS
689		MARSHALL	74
NO.			10
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAILS

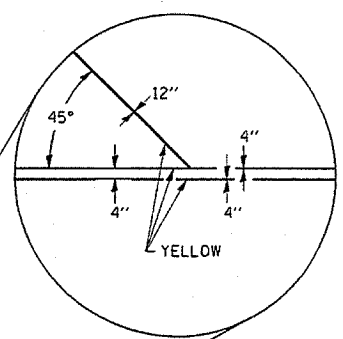
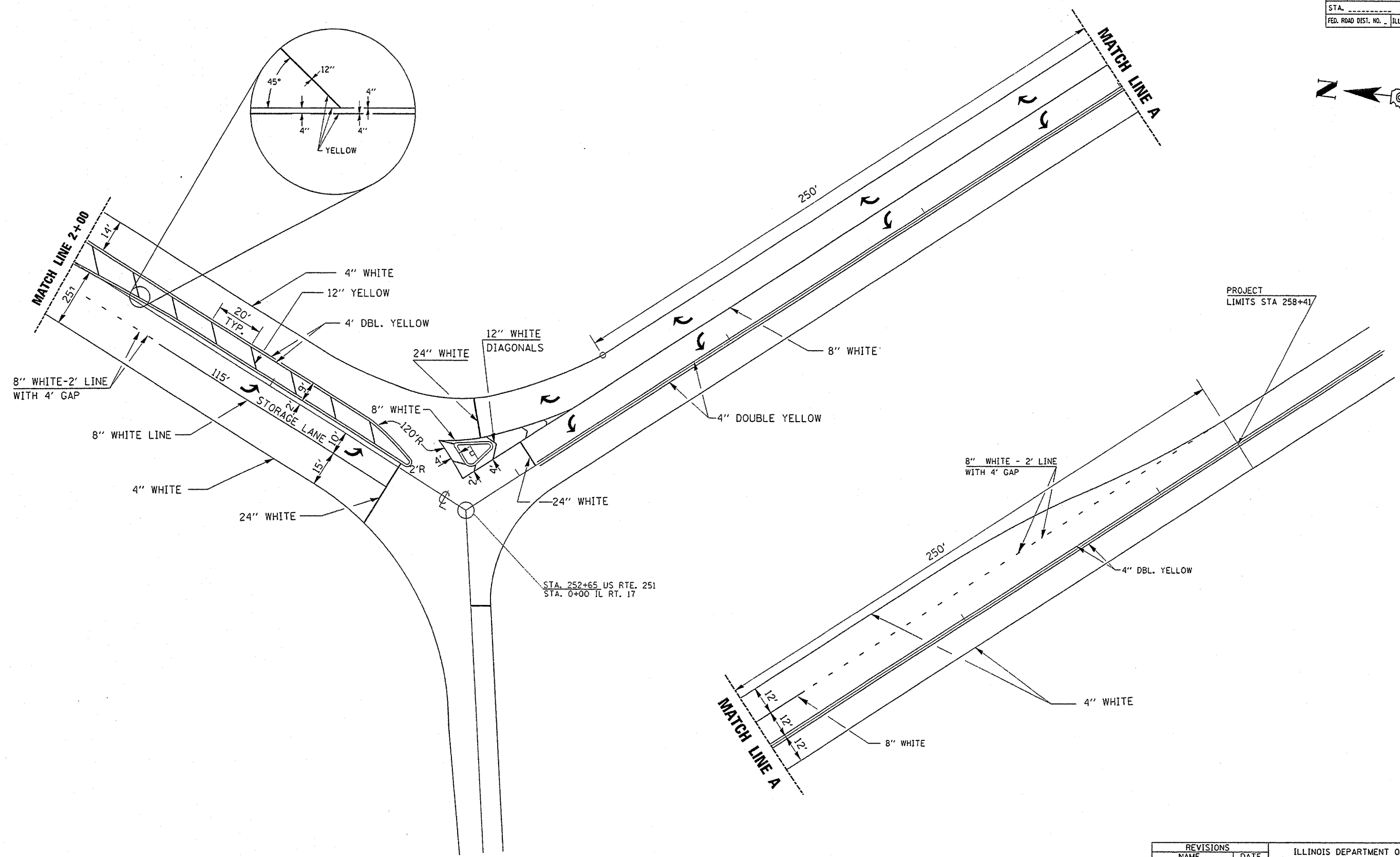
SCALE: VERT. _____
 HORIZ. _____

DATE _____

DRAWN BY _____
 CHECKED BY _____

PLOT DATE * DATE *
 FILE NAME * FILE *
 PLOT SCALE * SCALE *
 REFERENCE * REF *

CONTRACT NO. 66403			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
652		MARSHALL	74 11
STA.	TO STA.		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



PROJECT LIMITS STA 258+41

STA. 252+65 US RTE. 251
STA. 0+00 IL RT. 17

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

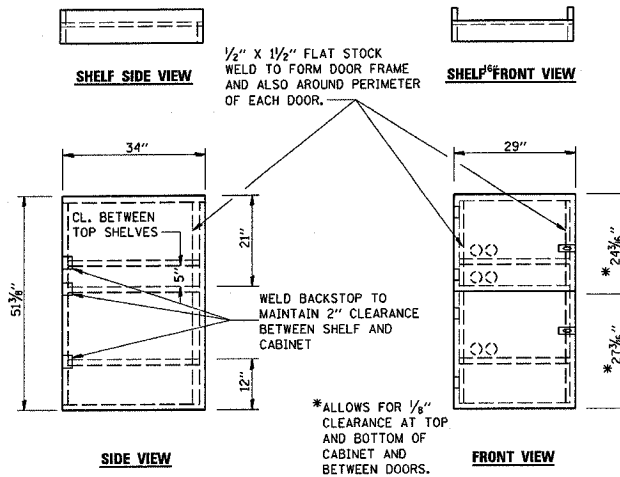
DETAILS

SCALE: VERT.
HORIZ.
DATE

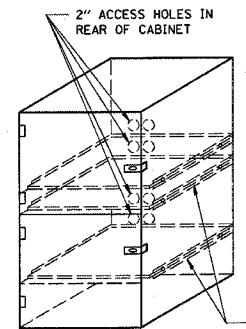
DRAWN BY
CHECKED BY

PLT DATE * DATE
FILE NAME * FILENAME
PLT SCALE * SCALE
REFERENCE * REF

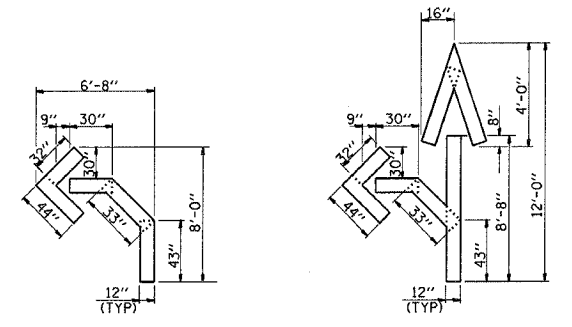
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	67(T)RS-2&I	MARSHALL	74	12
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



- NOTES:
1. USE 16 GAUGE STEEL FOR CABINET.
 2. THE TOP SHELF SHALL SLIDE IN OR OUT WITH THE TOP DOOR OPEN.
 3. ALL HINGES AND HASPS WILL BE WELDED TO THE CABINET.
 4. ALL EDGES SHALL BE GROUND SMOOTH.
 5. TWO (2" DIA.) ACCESS HOLES WILL BE REQUIRED FOR EACH SHELF.
 6. CABINET SHALL BE PAINTED WITH TWO COATS OF FLAT PAINT.
 7. 2 EACH MATCHING KEY PADLOCKS, WITH 3 KEYS PROVIDED, MASTER MODEL 3 T OR EQUIVALENT.
 8. 4 EACH PLAIN STEEL, NON-REMOVABLE PIN, NO HOLE 4"X4" SQUARE CORNER HINGES TO BE WELDED ON.
 9. 2 EACH EXTRA HEAVY, PLAIN STEEL, FIXED STAPLE, NO HOLE, 7 1/4" HASPS TO BE WELDED ON.

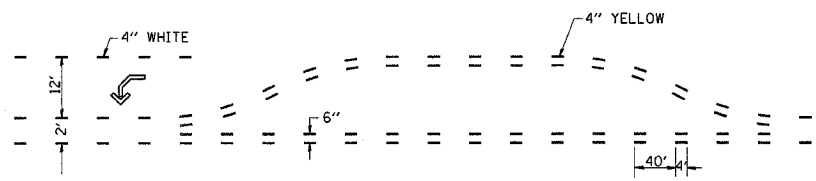


LOCKABLE COMPUTER CABINET

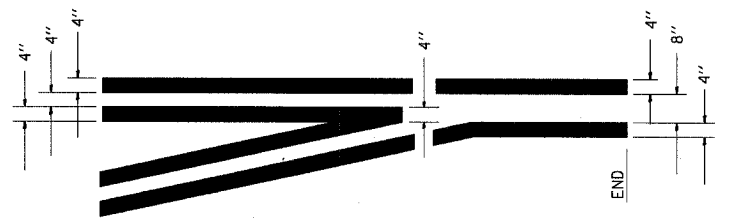
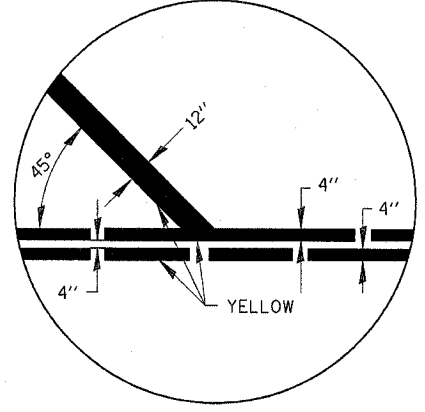


QUANTITY
12" LINE = 16 LIN. FT.
OR 4" LINE = 48 LIN. FT.

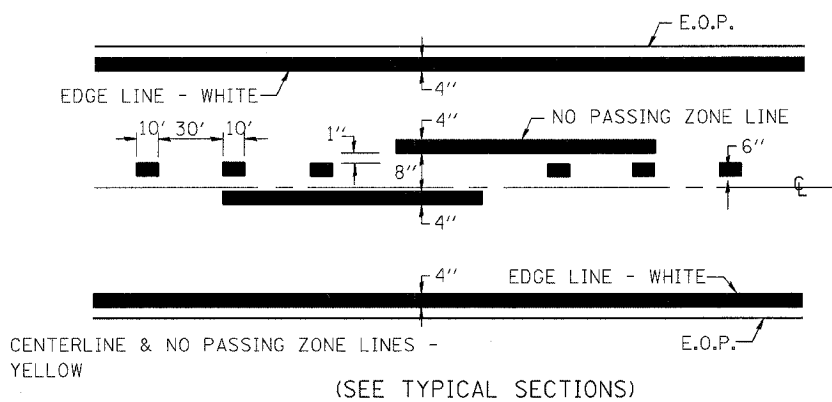
QUANTITY
12" LINE = 29 LIN. FT.
OR 4" LINE = 87 LIN. FT.



SHORT-TERM PAVEMENT MARKING FOR MEDIANS AND ARROWS



TYPICAL APPLICATION @ LEFT TURN LANES



PAVEMENT MARKING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

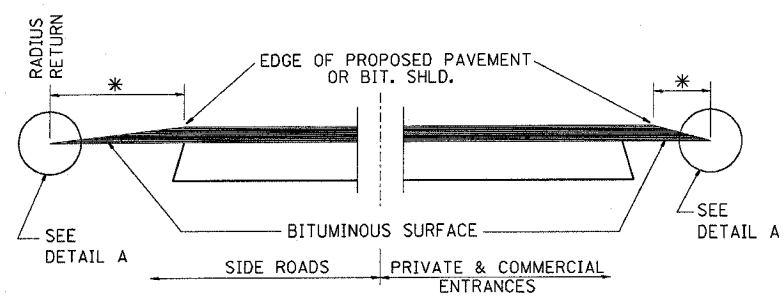
DETAILS

SCALE: VERT. _____
HORIZ. _____
DATE _____

DRAWN BY _____
CHECKED BY _____

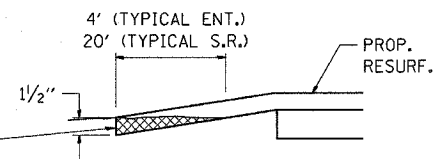
PLOT DATE = 4/16/2005
FILE NAME = #FILEL#
PLOT SCALE = #SCALE#
USER NAME = #USER#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	67(T)RS-2&I	MARSHALL	74	13
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

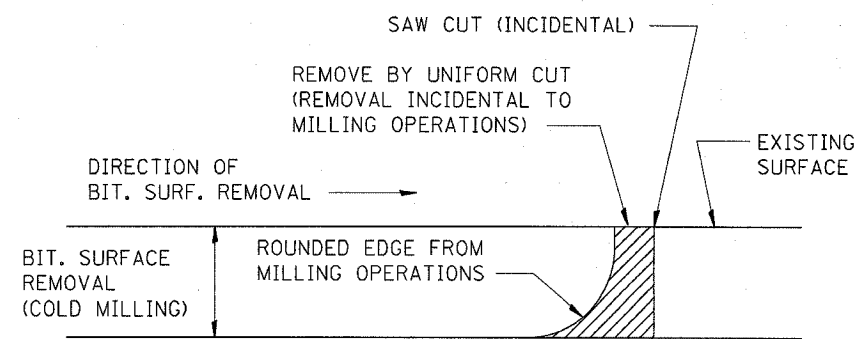


SECTION A-A
DETAILS AT ENTRANCES & SIDE ROADS

THE COST OF REMOVAL AT EXISTING BIT. OR P.C.C. LOCATIONS SHALL BE PAID FOR PER SQ. YD. BY THE APPROPRIATE PAY ITEM. REMOVAL AT EXISTING AGG. LOCATIONS SHALL BE INCIDENTAL TO THE BITUMINOUS. A-3 LOCATIONS SHALL BE FEATHER TAPERED.

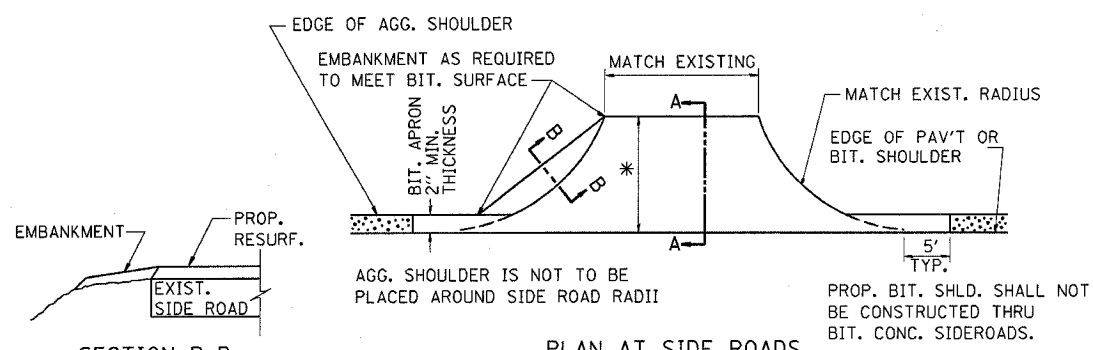


DETAIL A



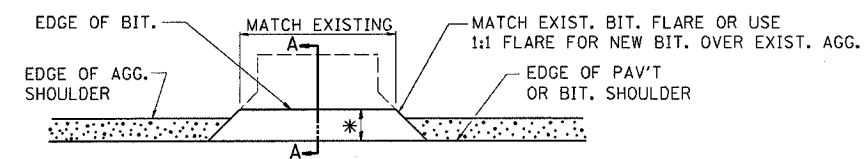
NOTE: WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL

BITUMINOUS DETAIL AT BUTT JOINTS



SECTION B-B

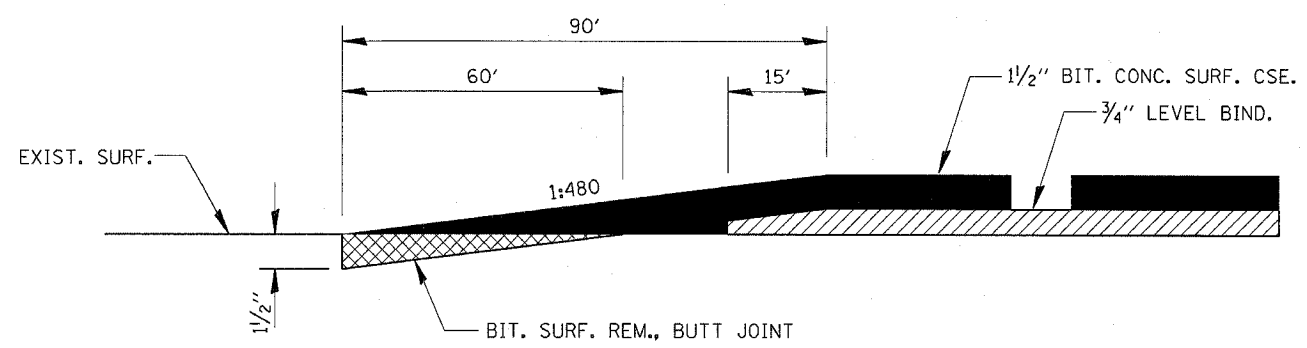
PLAN AT SIDE ROADS



PLAN AT PRIVATE & COMMERCIAL ENTRANCES

(DO NOT RESURFACE FIELD ENTRANCES)

* SEE SCHEDULE



PLOT DATE = 4/9/2005
FILE NAME = #FILEL*
PLOT SCALE = #SCALE*
USER NAME = #USER#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAILS

SCALE: VERT. DRAWN BY
HORIZ. CHECKED BY
DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	67(I)RS 2&I	MARSHALL	74	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
D-93-053-03 CONTRACT NUMBER 66403				

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	INDEX OF SHEETS, HIGHWAY STANDARDS, PLAN NOTES AND BILL OF MATERIALS
2	SCHEDULE OF QUANTITIES
7	ALIGNMENT, TIES AND BENCHMARK
8	EXISTING AND PROPOSED DRAINAGE AND UTILITIES PLAN
21	CROSS SECTIONS
55	TEST HOLE CERTIFICATION FORMS
61	STANDARD WATERMAIN DETAILS AND NOTES HIGHWAY STANDARDS

HIGHWAY STANDARDS

SHEET NO.	DESCRIPTION
000001	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001	TEMPORARY EROSION CONTROL SYSTEMS
420111	PCC PAVEMENT ROUNDOUTS
424001	CURB RAMPS FOR SIDEWALKS
442201	CLASS C AND D PATCHES
542101	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS, 15" THRU 36" DIAMETER AT RIGHT ANGLES WITH ROADWAY
542206	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS, 42" THRU 60" DIAMETER, SKEWED WITH ROADWAY
602001	CATCH BASIN, TYPE A
602301	INLET, TYPE A
602401	MANHOLE, TYPE A
602701	CAST IRON STEPS
604001	FRAME AND LIDS, TYPE 1
604006	FRAME AND GRATE, TYPE 3
604036	GRATE, TYPE 8
604046	FRAME AND GRATE, TYPE 10
606001	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

PLAN NOTES

10 FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO THE EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.

STORM SEWER WATER MAIN IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FEET AND THE WATER MAIN INVERT IS LESS THAN 1.5 FEET ABOVE THE STORM SEWER CROWN.

STORM SEWER, RUBBER GASKET IS TO BE USED AT LOCATIONS WHERE THE WATER MAIN CROSSES BELOW THE SEWER, REGARDLESS OF VERTICAL SEPARATION OR WHERE THE BOTTOM OF THE WATER MAIN IS LESS THAN 1.5 FEET ABOVE THE TOP OF THE SEWER.

BEFORE ORDERING STORM SEWERS, CATCH BASINS, INLETS, PIPE CULVERTS, PIPE DRAINS, AND MANHOLES, THE CONTRACTOR SHALL CONTACT THE ENGINEER AS TO THE EXACT LENGTH AND QUANTITY REQUIRED.

THE LOCATIONS AND ELEVATIONS OF EXISTING SEWERS AND SEWER STRUCTURES SHOWN ON THE PLANS AND PROFILES HAVE BEEN OBTAINED FROM DRAWINGS AND ATLASES AND THE INFORMATION IS NOT GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING AND PROTECTING ALL SEWER AND STRUCTURES.

DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN ALL SURFACE DRAINAGE WITHIN THE PROJECT LIMITS. ALL STORM SEWER FLOW MUST BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. PLATING OF THE DRAINAGE STRUCTURES FOR STRUCTURE ADJUSTMENT WILL NOT BE PERMITTED. THE CONTRACTOR SHALL FEATHER THE BITUMINOUS LAYERS AROUND THE DRAINAGE STRUCTURES TO PREVENT A BUMP. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND SHALL NOT BE PAID FOR SEPARATELY.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.

THE CONTRACTOR SHALL ADJUST WATERMAIN IN ACCORDANCE WITH THE CITY OF WENONA STANDARD WATERMAIN DETAILS AND NOTES AND AS SHOWN ON THE PLANS. ALL EXISTING WATER SERVICES SHALL BE RECONNECTED. THE COST OF RECONNECTING THE EXISTING WATER SERVICES SHALL BE INCLUDED IN THE COST FOR ADJUSTING WATERMAIN. NO ADDITIONAL PAYMENT WILL BE ALLOWED.

THE CONTRACTOR SHALL TEMPORARILY SUPPORT EXISTING WATERMAIN AS REQUIRED. COST OF TEMPORARY SUPPORT OF WATERMAIN SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND SHALL NOT BE PAID FOR SEPARATELY.

ALL EXISTING SANITARY SEWER SERVICES THAT ARE ENCOUNTERED DURING CONSTRUCTION SHALL BE ADJUSTED AS REQUIRED FOR CONSTRUCTION OF PROPOSED IMPROVEMENTS, AND RECONNECTED. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF STORM SEWERS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
TREE ROOT PRUNING	EA	12
COMBINATION CURB AND GUTTER REMOVAL	FT	2251
STORM SEWER REMOVAL	FT	472
REMOVING CATCH BASINS	EA	1
REMOVING INLETS	EA	14
TEMPORARY FENCE	FT	2338
PERIMETER EROSION BARRIER	FT	3304
STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 12"	FT	47
STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 12"	FT	113
STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 18"	FT	1293
STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 24"	FT	771
STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 30"	FT	41
STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 42"	FT	126
STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FT	155
STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FT	786
STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18"	FT	151
STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 30"	FT	327
STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 36"	FT	1473
STORM SEWER WATER MAIN, TYPE 2, 12"	FT	137
STORM SEWER WATER MAIN, TYPE 2, 18"	FT	34
STORM SEWER WATER MAIN, TYPE 2, 24"	FT	392
STORM SEWER WATER MAIN, TYPE 2, 30"	FT	872
STORM SEWER WATER MAIN, TYPE 2, 42"	FT	408
PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE-ELLIPTICAL, EQUIVALENT ROUND-SIZE 42"	FT	360

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FT	2251
CLASS D PATCHES, TYPE I, 12 INCH	SQ YD	2
CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	44
CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	580
CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	765
PORTLAND CEMENT CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	46
BITUMINOUS DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	469
SHOULDER REMOVAL AND REPLACEMENT	SQ YD	1712
MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EA	2
MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EA	17
MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EA	1
MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EA	1
MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EA	11
MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE	EA	9
INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EA	1
INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EA	7
INLETS, TYPE A, TYPE 10 FRAME AND GRATE	EA	1
CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EA	12
CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EA	7
CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EA	5
END SECTIONS 30"	EA	1
END SECTIONS 42"	EA	1
TRENCH BACKFILL	CU YD	5850
ADJUSTING WATER MAIN 4"	FT	275
ADJUSTING WATER MAIN 6"	FT	75
ADJUSTING WATER MAIN 8"	FT	80
STONE RIP RAP, CLASS A4	SQ YD	34.1
FILTER FABRIC FOR USE WITH RIP RAP	SQ YD	34.1

FILE: G:\3846\6-16-04\38460003.dgn
DATE: 06-Jul-04 14:59



COLLINS ENGINEERS
123 N. WACKER DR., SUITE 300
CHICAGO, IL 60606
(312) 704-9300
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-000993

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 17
INDEX OF SHEETS, HIGHWAY STANDARDS, PLAN NOTES AND BILL OF MATERIALS
SCALE: NTS
DATE: MARCH, 2005
DRAWN BY: DR
CHECKED BY: JMH

ILLINOIS ROUTE 17 PERIMETER EROSION BARRIER

FROM STATION	TO STATION	DIRECTION	SIDE	LENGTH (FT)
545+58	546+28	SW-NE	WEST	74
546+28	548+02	N-S	WEST	174
548+05	548+16	SE-NW	WEST	16
548+16	548+25	N-S	WEST	9
548+46	548+49	N-S	WEST	3
548+49	548+49	E-W	WEST	10
548+49	549+14	N-S	WEST	65
551+43	551+68	N-S	WEST	25
551+68	551+68	E-W	WEST	6
551+68	552+10	N-S	WEST	42
552+56	552+98	N-S	WEST	42
554+06	554+52	N-S	WEST	46
554+52	554+56	SE-NW	WEST	8
554+56	554+76	N-S	WEST	20
555+02	556+28	N-S	WEST	126
556+28	556+30	SE-NW	WEST	6
556+30	556+44	N-S	WEST	14
556+54	557+65	N-S	WEST	111
557+99	558+16	N-S	WEST	17
558+16	558+16	E-W	WEST	4
558+16	558+53	N-S	WEST	37
558+53	558+53	E-W	WEST	5
558+44	558+44	E-W	EAST	10
558+44	559+43	N-S	EAST	99
570+16	571+03	N-S	EAST	87
571+23	572+40	N-S	EAST	117
574+00	578+21	N-S	EAST	421
581+60	581+60	E-W	EAST	4
581+60	582+28	N-S	EAST	68
583+45	583+94	N-S	EAST	49
SUBTOTAL				1715

2ND NORTH STREET

FROM STATION	TO STATION	DIRECTION	SIDE	LENGTH (FT)
10+26	11+03	E-W	NORTH	77
11+26	11+64	E-W	NORTH	38
12+52	14+12	E-W	NORTH	160
14+50	15+69	E-W	NORTH	119
15+84	16+09	E-W	NORTH	25
16+86	17+53	E-W	NORTH	67
17+86	18+45	E-W	NORTH	59
20+06	21+90	E-W	SOUTH	184
22+12	23+88	E-W	SOUTH	176
24+34	26+18	E-W	NORTH	184
26+39	27+10	E-W	NORTH	71
26+43	28+23	E-W	SOUTH	180
28+66	29+28	E-W	NORTH	62
30+71	32+58	E-W	NORTH	187
SUBTOTAL				1589
TOTAL				3304

ITEM: STORM SEWERS, REINFORCED CONCRETE, TYPE 1, CLASS IV, 12 IN.

ILLINOIS ROUTE 17

FROM	TO	LENGTH (FT)
STRUCTURE STATION	STRUCTURE STATION	(FT)
MH-12 584+20.0	INLET-10 584+67.0	47
TOTAL		47

ITEM: STORM SEWERS, REINFORCED CONCRETE, TYPE 2, CLASS III, 12 IN.

ILLINOIS ROUTE 17

FROM	TO	LENGTH (FT)
STRUCTURE STATION	STRUCTURE STATION	(FT)
MH-81 545+87.0	CB-80 546+00.0	25
MH-12 584+20.0	INLET-9 584+89.0	88
TOTAL		113

ITEM: STORM SEWERS, REINFORCED CONCRETE, TYPE 2, CLASS III, 18 IN.

ILLINOIS ROUTE 17

FROM	TO	LENGTH (FT)
STRUCTURE STATION	STRUCTURE STATION	(FT)
MH-63 558+50.0	MH-61 559+25.0	75
MH-61 559+25.0	MH-58 561+11.0	186
MH-58 561+11.0	MH-56 562+23.0	113
MH-56 562+23.0	MH-54 562+33.0	10
MH-54 562+33.0	MH-52 562+81.0	47
MH-52 562+81.0	MH-49 564+53.8	173
MH-49 564+53.8	MH-47 566+50.0	196
MH-44 569+27.9	MH-42 570+11.0	84
MH-8 578+59.9	MH-20 579+24.0	64
MH-20 579+24.0	MH-18 579+34.0	10
MH-16 580+85.0	MH-13 582+86.0	201
MH-13 582+86.0	MH-12 584+20.0	134
TOTAL		1293

ITEM: STORM SEWERS, REINFORCED CONCRETE, TYPE 2, CLASS III, 24 IN.

ILLINOIS ROUTE 17

FROM	TO	LENGTH (FT)
STRUCTURE STATION	STRUCTURE STATION	(FT)
MH-42 570+11.0	MH-40 570+93.0	82
MH-40 570+93.0	MH-37 571+74.5	82
MH-37 571+74.5	MH-35 572+60.0	86
MH-33 573+38.9	MH-31 574+05.0	66
MH-31 574+05.0	MH-28 575+20.0	115
MH-28 575+20.0	MH-26 576+30.0	110
MH-26 576+30.0	MH-24 577+35.0	105
MH-24 577+35.0	MH-22 578+14.0	79
MH-22 578+14.0	MH-8 578+59.9	46
TOTAL		771

ITEM: STORM SEWERS, REINFORCED CONCRETE, TYPE 2, CLASS III, 30 IN.

ILLINOIS ROUTE 17

FROM	TO	LENGTH (FT)
STRUCTURE STATION	STRUCTURE STATION	(FT)
OUTLET 545+49.0	MH-81 545+90.0	41
TOTAL		41

ITEM: STORM SEWERS, REINFORCED CONCRETE, TYPE 2, CLASS III, 42 IN.

(SEWER FUNDED BY THE CITY OF WENONA)

2ND NORTH STREET

FROM	TO	LENGTH (FT)
STRUCTURE STATION	STRUCTURE STATION	(FT)
OUTLET 10+26.0	MH-1 11+51.0	126
TOTAL		126

ITEM: STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1, 12 IN.

ILLINOIS ROUTE 17

FROM	TO	LENGTH (FT)
STRUCTURE STATION	STRUCTURE STATION	(FT)
INLET-57 562+23.0	MH-56 562+23.0	38
INLET-55 562+33.0	MH-54 562+33.0	38
INLET-53 562+81.0	MH-52 562+81.0	38
INLET-50 564+54.0	MH-49 564+53.8	41
TOTAL		155

ITEM: STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2, 12 IN.

ILLINOIS ROUTE 17

FROM	TO	LENGTH (FT)
STRUCTURE STATION	STRUCTURE STATION	(FT)
MH-79 548+00.0	CB-78 548+15.0	18
MH-68 556+33.0	CB-67 556+35.0	6
INLET-62 559+25.0	MH-61 559+25.0	38
INLET-59 561+11.0	MH-58 591+11.0	38
CB-48 566+50.0	MH-47 566+50.0	47
CB-45 569+28.0	MH-44 569+27.9	49
CB-43 570+11.0	MH-42 570+11.0	42
CB-41 570+93.0	MH-40 570+93.0	42
CB-38 571+75.0	MH-37 571+74.5	42
MH-35 572+60.0	MH-33 573+38.9	79
CB-32 574+00.0	MH-31 574+05.0	39
CB-29 575+20.0	MH-28 575+20.0	38
CB-27 576+30.0	MH-26 576+30.0	38
CB-25 577+35.0	MH-24 577+35.0	37
INLET-23 578+12.0	MH-22 578+14.0	38
CB-21 579+29.0	MH-20 579+24.0	38
CB-19 579+39.0	MH-18 579+34.0	38
CB-17 580+85.0	MH-16 580+85.0	38
CB-14 582+85.0	MH-13 582+86.0	38
INLET-11 584+38.0	MH-12 584+20.0	43
TOTAL		786

ITEM: STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2, 18 IN.

ILLINOIS ROUTE 17

FROM	TO	LENGTH (FT)
STRUCTURE STATION	STRUCTURE STATION	(FT)
CB-18 579+34	CB-16 580+85	151
TOTAL		151

ITEM: STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2, 30 IN.

2ND NORTH STREET

FROM	TO	LENGTH (FT)
STRUCTURE STATION	STRUCTURE STATION	(FT)
MH-7 33+91.0	MH-8 37+17.7	327
TOTAL		327

ITEM: STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2, 36 IN.

(SEWER FUNDED BY THE CITY OF WENONA)

2ND NORTH STREET

FROM	TO	LENGTH (FT)
STRUCTURE STATION	STRUCTURE STATION	(FT)
MH-3 19+19.0	MH-4 23+18.0	400
MH-4 23+18.0	MH-5 26+95.0	377
MH-5 26+95.0	MH-6 30+41.0	346
MH-6 30+41.0	MH-7 33+91.0	350
TOTAL		1473

F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	671TRRS 2&1	MARSHALL	74	16
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
D-93-053-03 CONTRACT NUMBER 66403				

FILE: g:\3846\6-16-04\38460009.dgn
DATE: 17-Jan-05 11:41

COLLINS ENGINEERS
123 N. WACKER DR. SLATE 300
CHICAGO, IL 60606
(312) 704-9300
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-000993

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 17

SCHEDULE OF QUANTITIES

SCALE: NTS
DATE: MARCH, 2005

DRAWN BY: DR
CHECKED BY: JMH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	67(T)RS 2&I	MARSHALL	74	17
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
0-93-053-03 CONTRACT NUMBER 66403				

ILLINOIS ROUTE 17 STORM SEWER, TYPE 2 WATERMAIN QUALITY PIPE, 12

FROM STRUCTURE	TO STATION	TO STRUCTURE	TO STATION	LENGTH (FT)
CB-76	550+46.0	MH-77	550+43.0	7
CB-74	551+62.0	MH-75	551+50.0	13
CB-72	553+48.0	MH-73	553+46.0	5
CB-70	554+60.0	MH-71	554+58.0	5
CB-65	558+10.0	MH-66	558+06.0	5
CB-36	572+60.0	MH-35	572+60.0	42
CB-34	573+40.0	MH-33	573+38.9	60
TOTAL				137

ITEM: STORM SEWERS, WATER MAIN, TYPE 2, 18 IN.

ILLINOIS ROUTE 17

FROM STRUCTURE	TO STATION	TO STRUCTURE	TO STATION	LENGTH (FT)
MH-64	558+50.0	MH-63	558+50.0	34
TOTAL				34

ITEM: STORM SEWERS, WATER MAIN, TYPE 2, 24 IN.

ILLINOIS ROUTE 17

FROM STRUCTURE	TO STATION	TO STRUCTURE	TO STATION	LENGTH (FT)
MH-71	554+58.0	MH-68	556+33.0	175
MH-68	556+33.0	MH-66	558+06.0	173
MH-66	558+06.0	MH-64	558+50.0	44
TOTAL				392

ITEM: STORM SEWERS, WATER MAIN, TYPE 2, 30 IN.

ILLINOIS ROUTE 17

FROM STRUCTURE	TO STATION	TO STRUCTURE	TO STATION	LENGTH (FT)
MH-81	545+87.0	MH-79	548+00.0	213
MH-79	548+00.0	MH-77	550+43.0	244
MH-77	550+43.0	MH-75	551+50.0	107
MH-75	551+50.0	MH-73	553+46.0	196
MH-73	553+46.0	MH-71	554+58.0	112
TOTAL				872

ITEM: STORM SEWERS, WATER MAIN, TYPE 2, 42 IN.

(SEWER FUNDED BY THE CITY OF WENONA)

2ND NORTH STREET

FROM STRUCTURE	TO STATION	TO STRUCTURE	TO STATION	LENGTH (FT)
MH-1	11+51.0	MH-2	15+59.0	408
TOTAL				408

ITEM: PIPE CULVERT, TYPE 1, RC-ELLIPTICAL, EQ RND-SIZE 42"

(SEWER FUNDED BY THE CITY OF WENONA)

2ND NORTH STREET

FROM STRUCTURE	TO STATION	TO STRUCTURE	TO STATION	LENGTH (FT)
MH-2	15+59.0	MH-3	19+19.0	360
TOTAL				360

ITEM: COMBINATION CURB AND GUTTER REMOVAL

ILLINOIS ROUTE 17 COMBINATION CURB AND GUTTER B-6.12 (SAME LOCATION)

FROM STATION	TO STATION	SIDE	LENGTH (FT)
559+25.0	559+40.0	EAST	15
559+22.5	559+27.5	WEST	5
559+78.0	566+53.0	EAST	675
561+08.5	561+13.5	WEST	5
562+20.5	562+25.5	WEST	5
562+30.5	562+35.5	WEST	5
562+78.5	562+83.5	WEST	5
564+51.5	564+56.5	WEST	5
569+25.0	572+40.0	EAST	315
573+35.5	573+42.5	EAST	7
573+97.0	574+03.0	WEST	6
574+00.0	578+20.0	EAST	420
575+17.0	575+23.0	WEST	6
576+27.0	576+33.0	WEST	6
577+32.0	577+38.0	WEST	6
578+09.5	578+14.5	WEST	5
578+59.0	582+26.0	EAST	367
578+57.5	578+62.5	WEST	5
579+26.0	579+32.0	WEST	6
579+36.0	579+42.0	WEST	6
580+82.0	580+88.0	WEST	6
582+71.0	583+02.0	EAST	31
583+45.0	583+90.0	EAST	45
584+38.0	584+89.0	EAST	68
584+64.0	584+70.0	EAST	6
SUBTOTAL			2031

2ND NORTH STREET

FROM STATION	TO STATION	SIDE	LENGTH (FT)
32+38.0	32+52.0	NORTH	14
32+94.0	34+80.0	NORTH	186
34+96.0	35+16.0	NORTH	20
SUBTOTAL			220

TOTAL	2251
-------	------

ITEM: CLASS D PATCHES, TYPE I, 12 INCH

ILLINOIS ROUTE 17

FROM STATION	TO STATION	BETWEEN STRUCTURE	BETWEEN STRUCTURE	LENGTH (FT)	WIDTH (FT)	AREA (SQ. YD.)
559+25	559+37	MH-61	MH-58	12	1.459	2
TOTAL						2

ITEM: CLASS D PATCHES, TYPE II, 12 INCH

ILLINOIS ROUTE 17

FROM STATION	TO STATION	BETWEEN STRUCTURE	BETWEEN STRUCTURE	LENGTH (FT)	WIDTH (FT)	AREA (SQ. YD.)
558+50	558+50	MH-64	MH-63	25	4.333	12
584+20	584+40	MH-12	INLET-9	24	4.330	12
562+18	562+23		INLET-57	20	4.500	10
562+18	562+23		MH-56	20	4.500	10
TOTAL						44

ITEM: CLASS D PATCHES, TYPE III, 12 INCH

ILLINOIS ROUTE 17

FROM STATION	TO STATION	BETWEEN STRUCTURE	BETWEEN STRUCTURE	LENGTH (FT)	WIDTH (FT)	AREA (SQ. YD.)
554+71	555+05	MH-71	MH-68	34	6.083	23
559+25	559+25	INLET-62	MH-61	38	4.333	18
559+37	559+80	MH-61	MH-58	43	4.917	23
561+11	561+11	INLET-59	MH-58	38	4.333	18
522+23	522+23	INLET-57	MH-56	38	4.333	18
562+33	562+33	INLET-55	MH-54	38	4.333	18
562+81	562+81	INLET-53	MH-52	38	4.333	18
564+54	564+54	INLET-50	MH-49	41	4.333	20
566+50	566+50	CB-48	MH-47	47	4.333	23
569+28	569+28	CB-45	MH-44	49	4.333	24
570+12	570+12	CB-43	MH-42	42	4.333	20
570+93	570+93	CB-41	MH-40	42	4.333	20
571+75	571+75	CB-38	MH-37	42	4.333	20
572+57	572+57	CB-36	MH-35	42	4.333	20
574+00	574+05	CB-32	MH-31	39	4.333	19
575+20	575+20	CB-29	MH-28	38	4.333	18
576+30	576+30	CB-27	MH-26	38	4.333	18
577+35	577+35	CB-25	MH-24	37	4.333	18
578+12	578+12	INLET-23	MH-22	38	4.333	18
579+24	579+29	MH-20	CB-21	38	4.333	18
579+34	579+39	MH-18	CB-19	38	4.333	18
580+85	580+85	CB-17	MH-16	38	4.333	18
582+85	582+86	CB-14	MH-13	38	4.333	18
583+84	584+20	CB-13	MH-12	36	4.917	20
584+20	584+38	MH-12	INLET-11	43	4.333	21
584+20	584+67	MH-12	INLET-10	47	4.333	23
584+38	584+67	INLET-11	INLET-10	46	4.500	23
SUBTOTAL						535

2ND NORTH STREET

FROM STATION	TO STATION	BETWEEN STRUCTURE	BETWEEN STRUCTURE	LENGTH (FT)	WIDTH (FT)	AREA (SQ. YD.)
26+14	26+44	MH-4	MH-5	30	6.667	22
32+58	32+88	MH-6	MH-7	30	6.667	22
SUBTOTAL						44

TOTAL	580
-------	-----

ITEM: PORTLAND CEMENT CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT

ILLINOIS ROUTE 17

FROM STATION	TO STATION	BETWEEN STRUCTURE	BETWEEN STRUCTURE	LENGTH (FT)	WIDTH (FT)	AREA (SQ. YD.)
570+41	570+62	MH-42	MH-40	21	1.750	4
571+03	571+23	MH-40	MH-39	20	1.750	4
582+26	583+45	MH-16	MH-12	119	1.457	19
SUBTOTAL						27

2ND NORTH STREET

FROM STATION	TO STATION	BETWEEN STRUCTURE	BETWEEN STRUCTURE	LENGTH (FT)	WIDTH (FT)	AREA (SQ. YD.)
34+22	34+35	MH-7	MH-8	13	6.083	9
34+82	34+97	MH-7	MH-8	15	6.083	10
SUBTOTAL						19

TOTAL	46
-------	----

FILE: s:\3846\6-16-04\38460009.dgn
DATE: 17-Jun-05 11:41

COLLINS ENGINEERS
123 N. WACKER DR., SUITE 300
CHICAGO, IL 60606
(312) 704-9300
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-000993

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		ILLINOIS ROUTE 17 SCHEDULE OF QUANTITIES SCALE: NTS DATE: MARCH, 2005 DRAWN BY: DR CHECKED BY: JMH

ITEM: CLASS D PATCHES, TYPE IV, 12 INCH

ILLINOIS ROUTE 17

FROM STATION	TO STATION	BETWEEN STRUCTURE	STRUCTURE	LENGTH (FT)	WIDTH (FT)	AREA (SQ. YD.)
549+80	550+40	MH-79	MH-77	60	6.083	41
559+80	566+50	MH-81	MH-47	627	1.459	102
569+28	573+48	MH-44	MH-31	420	1.750	82
573+40	573+40	INLET-34	MH-33	60	4.333	29
573+48	574+02	MH-33	MH-31	54	5.500	33
574+02	578+18	MH-31	MH-8	416	1.750	81
578+18	578+60	MH-22	MH-8	42	5.500	26
578+60	578+60	MH-8	MH-7	41	6.083	28
578+60	583+84	MH-8	MH-12	524	1.459	85
584+89	584+58	INLET-9	INLET-11	80	4.500	40
584+40	584+40	INLET-11		58	4.500	29
SUBTOTAL						574

2ND NORTH STREET

FROM STATION	TO STATION	BETWEEN STRUCTURE	STRUCTURE	LENGTH (FT)	WIDTH (FT)	AREA (SQ. YD.)
17+48	17+88	MH-2	MH-3	40	7.250	32
19+58	20+14	MH-2	MH-3	56	7.250	45
23+76	24+38	MH-4	MH-5	62	6.667	46
28+17	28+69	MH-5	MH-6	52	6.667	39
30+40	30+80	MH-6	MH-7	40	6.667	30
SUBTOTAL						191
TOTAL						765

ITEM: BITUMINOUS DRIVEWAY REMOVAL AND REPLACEMENT

ILLINOIS ROUTE 17

FROM STATION	TO STATION	BETWEEN STRUCTURE	STRUCTURE	LENGTH (FT)	WIDTH (FT)	AREA (SQ. YD.)
548+24	548+50	MH-79	CB-77	26	6.083	18
552+08	552+57	MH-75	CB-73	49	6.083	33
552+96	553+41	MH-75	CB-73	45	6.083	30
556+36	556+58	CB-68	CB-66	22	5.500	13
557+62	558+04	CB-68	CB-66	42	5.500	26
SUBTOTAL						120

2ND NORTH STREET

FROM STATION	TO STATION	BETWEEN STRUCTURE	STRUCTURE	LENGTH (FT)	WIDTH (FT)	AREA (SQ. YD.)
11+63	12+52	MH-1	MH-2	89	7.250	72
12+39	12+52	MH-1	MH-2	13	7.250	10
14+12	14+32	MH-1	MH-2	20	7.250	16
15+68	15+86	MH-2	MH-3	18	7.250	15
16+08	16+89	MH-2	MH-3	81	7.250	65
18+42	18+66	MH-2	MH-3	24	7.250	19
21+94	23+76	MH-3	MH-5	182	6.667	135
27+10	27+32	MH-5	MH-6	22	6.667	16
36+16	36+32	MH-7	MH-8	16	6.667	12
SUBTOTAL						348
TOTAL						469

ITEM: MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID

ILLINOIS ROUTE 17

STATION	STRUCTURE	EACH
558+50.0	63	1
584+20.0	12	1
TOTAL		2

ITEM: SHOULDER REMOVAL AND REPLACEMENT

ILLINOIS ROUTE 17

FROM STATION	TO STATION	BETWEEN STRUCTURE	STRUCTURE	LENGTH (FT)	WIDTH (FT)	AREA (SQ. YD.)
545+87	548+24	MH-81	MH-77	237	6.083	160
548+50	549+81	MH-79	MH-77	131	6.083	89
550+40	552+08	MH-79	MH-73	168	6.083	114
552+58	552+96	MH-75	MH-73	38	6.083	26
553+40	554+66	MH-73	MH-71	126	6.083	85
555+06	556+36	MH-71	MH-68	130	5.500	79
556+58	557+62	MH-68	MH-66	104	5.500	64
558+05	558+50	MH-66	MH-64	45	5.500	28
SUBTOTAL						644

2ND NORTH STREET

FROM STATION	TO STATION	BETWEEN STRUCTURE	STRUCTURE	LENGTH (FT)	WIDTH (FT)	AREA (SQ. YD.)
11+26	11+64	OUTLET	MH-2	38	7.250	31
12+32	12+39	MH-1	MH-2	7	7.250	6
12+52	14+12	MH-1	MH-2	160	7.250	129
14+32	15+68	MH-1	MH-3	136	7.250	110
15+86	16+08	MH-2	MH-3	22	7.250	18
16+86	17+48	MH-2	MH-3	62	7.250	50
17+86	18+42	MH-2	MH-3	56	7.250	45
18+66	19+56	MH-2	MH-4	90	7.250	73
20+12	21+90	MH-3	MH-4	178	6.667	132
24+38	26+14	MH-4	MH-5	176	6.667	130
26+44	27+10	MH-4	MH-6	66	6.667	49
27+37	28+15	MH-5	MH-6	78	6.667	58
28+72	30+38	MH-5	MH-6	166	6.667	123
30+80	32+37	MH-6	MH-7	157	6.667	116
SUBTOTAL						1068
TOTAL						1712

ITEM: MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID

ILLINOIS ROUTE 17

STATION	STRUCTURE	EACH
545+87.0	81	1
548+00.0	79	1
550+43.0	77	1
551+50.0	75	1
553+46.0	73	1
554+58.0	71	1
556+33.0	68	1
558+06.0	66	1
558+50.0	64	1
578+59.9	8	1
SUBTOTAL		10

2ND NORTH STREET

STATION	STRUCTURE	EACH
11+51.0	1	1
15+59.0	2	1
19+19.0	3	1
23+18.0	4	1
26+95.0	5	1
30+41.0	6	1
33+91.0	7	1
SUBTOTAL		7
TOTAL		17

ITEM: MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID

ILLINOIS ROUTE 17

STATION	STRUCTURE	EACH
559+25.0	61	1
TOTAL		1

ITEM: MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID

ILLINOIS ROUTE 17

STATION	STRUCTURE	EACH
572+60.0	35	1
TOTAL		1

ITEM: MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE

ILLINOIS ROUTE 17

STATION	STRUCTURE	EACH
561+11.0	58	1
562+23.0	56	1
562+33.0	54	1
562+81.0	52	1
564+53.8	49	1
566+50.0	47	1
569+27.9	44	1
579+24.0	20	1
579+34.0	18	1
580+85.0	16	1
582+86.0	13	1
TOTAL		11

ITEM: MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3 FRAME AND GRATE

ILLINOIS ROUTE 17

STATION	STRUCTURE	EACH
570+11.0	42	1
570+93.0	40	1
571+74.5	37	1
573+38.9	33	1
574+05.0	31	1
575+20.0	28	1
576+30.0	26	1
577+35.0	24	1
578+14.0	22	1
TOTAL		9

ITEM: INLETS, TYPE A, TYPE 1 FRAME, OPEN LID

ILLINOIS ROUTE 17

STATION	STRUCTURE	EACH
559+25.0	62	1
TOTAL		1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 17

SCHEDULE OF QUANTITIES

SCALE: NTS
DATE: MARCH, 2005
DRAWN BY: DR
CHECKED BY: JMH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	6X17RS 2&1	MARSHALL	74	19
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
D-93-053-03 CONTRACT NUMBER 66403				

ITEM: INLETS, TYPE A, TYPE 3 FRAME AND GRATE

ILLINOIS ROUTE 17

STATION	STRUCTURE	EACH
561+11.0	59	1
562+23.0	57	1
562+33.0	55	1
562+81.0	53	1
564+54.0	50	1
584+67.0	10	1
584+89.0	9	1
TOTAL		7

ITEM: INLETS, TYPE A, TYPE 10 FRAME AND GRATE

ILLINOIS ROUTE 17

STATION	STRUCTURE	EACH
584+38.0	11	1
TOTAL		1

ITEM: CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE

ILLINOIS ROUTE 17

STATION	STRUCTURE	EACH
566+50.0	48	1
569+28.0	45	1
573+40.0	34	1
574+00.0	32	1
575+20.0	29	1
576+30.0	27	1
577+35.0	25	1
578+12.0	23	1
579+29.0	21	1
579+39.0	19	1
580+85.0	17	1
582+85.0	14	1
TOTAL		12

ITEM: CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID

ILLINOIS ROUTE 17

STATION	STRUCTURE	EACH
551+62.0	74	1
553+48.0	72	1
558+10.0	65	1
570+11.0	43	1
570+93.0	41	1
571+75.0	38	1
572+60.0	36	1
TOTAL		7

ITEM: CATCH BASINS, TYPE A 4'-DIAMETER, TYPE 8 GRATE

ILLINOIS ROUTE 17

STATION	STRUCTURE	EACH
546+00.0	80	1
548+15.0	78	1
550+46.0	76	1
554+60.0	70	1
556+35.0	67	1
TOTAL		5

ITEM: ADJUSTING WATER MAIN 4"

2ND NORTH STREET

STATION	BETWEEN STRUCTURES	LENGTH (FT)
12+08.0	1 AND 2	75
16+36.0	1 AND 2	50
19+72.0	3 AND 4	50
24+03.0	4 AND 5	50
32+62.0	6 AND 7	50
TOTAL		275

ITEM: ADJUSTING WATER MAIN 6"

ILLINOIS ROUTE 17

STATION	BETWEEN STRUCTURES	LENGTH (FT)
556+34.0	68 AND 67	50
584+36.0	12 AND 11	25
TOTAL		75

ITEM: ADJUSTING WATER MAIN 8"

ILLINOIS ROUTE 17

STATION	BETWEEN STRUCTURES	LENGTH (FT)
556+34.0	68 AND 67	50
573+40.0	33 AND 34	30
TOTAL		80

ITEM: TRENCH BACKFILL

ILLINOIS ROUTE 17

UPSTREAM		DOWNSTREAM		TRENCH BACKFILL (CU. YD.)
STR NO.	STA.	STR NO.	STA.	
81	545+87.0	ES	545+46.0	8.2
80	546+00.0	81	545+87.0	10.4
79	548+00.0	81	545+87.0	114.7
78	548+15.0	79	548+00.0	8.0
77	550+43.0	79	548+00.0	120.8
76	550+46.0	77	550+43.0	3.0
75	551+50.0	77	550+43.0	52.1
74	551+62.0	75	551+50.0	5.6
73	553+46.0	75	551+50.0	77.6
72	553+48.0	73	553+46.0	2.1
71	554+58.0	73	553+46.0	46.9
70	554+60.0	71	554+58.0	2.1
68	556+33.0	71	554+58.0	85.9
67	556+35.0	68	556+33.0	1.6
66	558+06.0	68	556+33.0	105.6
65	558+10.0	66	558+06.0	3.2
64	558+50.0	66	558+06.0	30.9
63	558+50.0	64	558+50.0	21.6
61	559+25.0	63	558+50.0	103.1
62	559+25.0	61	559+25.0	12.6
58	561+11.0	61	559+25.0	112.4
59	561+11.0	58	561+11.0	11.0
56	562+23.0	58	561+11.0	51.8
57	562+23.0	56	562+23.0	9.9
54	562+33.0	56	562+23.0	4.1
55	562+33.0	54	562+33.0	10.0
52	562+81.0	54	562+33.0	18.9
53	562+81.0	52	562+81.0	10.3
49	564+53.8	52	562+81.0	82.3
50	564+54.0	49	564+54.0	4.6
47	566+50.0	49	564+54.0	152.9
48	566+50.0	47	566+50.0	44.7
45	569+28.0	44	569+27.9	36.4
42	570+11.5	44	569+27.9	98.8
43	570+11.0	42	570+11.5	46.1
40	570+93.0	42	570+11.5	106.1

41	570+93.0	40	570+93.0	40.1
37	571+74.5	40	570+93.0	66.9
38	571+75.0	37	571+74.5	44.0
35	572+60.0	37	571+74.5	110.3
36	572+60.0	35	572+60.0	35.6
33	573+38.9	35	572+60.0	106.7
34	573+40.0	33	573+38.9	43.0
31	574+05.0	33	573+38.9	78.4
32	574+00.0	31	574+05.0	35.5
28	575+20.0	31	574+05.0	149.5
29	575+20.0	28	575+20.0	31.5
26	576+30.0	28	575+20.0	147.3
27	576+30.0	26	576+30.0	27.8
24	577+35.0	26	576+30.0	142.3
25	577+35.0	24	577+35.0	34.2
22	578+14.0	24	577+35.0	110.8
23	578+12.0	22	578+14.0	37.7
8	578+59.9	22	578+14.0	62.9
20	579+24.0	8	578+59.9	74.0
21	579+29.0	20	579+24.0	26.0
18	579+34.0	20	579+24.0	11.0
19	579+39.0	18	579+34.0	25.5
16	580+85.0	18	579+34.0	162.2
17	580+85.0	16	580+85.0	26.0
13	582+84.0	16	580+85.0	195.8
14	582+85.0	13	582+84.0	36.3
12	584+20.0	13	582+84.0	143.7
11	584+38.0	12	584+20.0	18.6
10	584+67.0	12	584+20.0	4.5
9	584+89.0	12	584+20.0	21.8
SUBTOTAL				3666.0

2ND NORTH STREET

UPSTREAM		DOWNSTREAM		TRENCH BACKFILL (CU. YD.)
STR NO.	STA.	STR NO.	STA.	
1	11+51.0	ES	10+26.0	30.7
2	15+59.0	1	11+51.0	170.2
3	19+19.0	2	15+59.0	195.1
4	23+18.0	3	19+19.0	296.9
5	26+95.0	4	23+18.0	324.3
6	30+41.0	5	26+95.0	350.8
7	33+91.0	6	30+41.0	387.7
8	37+17.7	7	33+91.0	428.2
SUBTOTAL				2183.9
TOTAL				5850

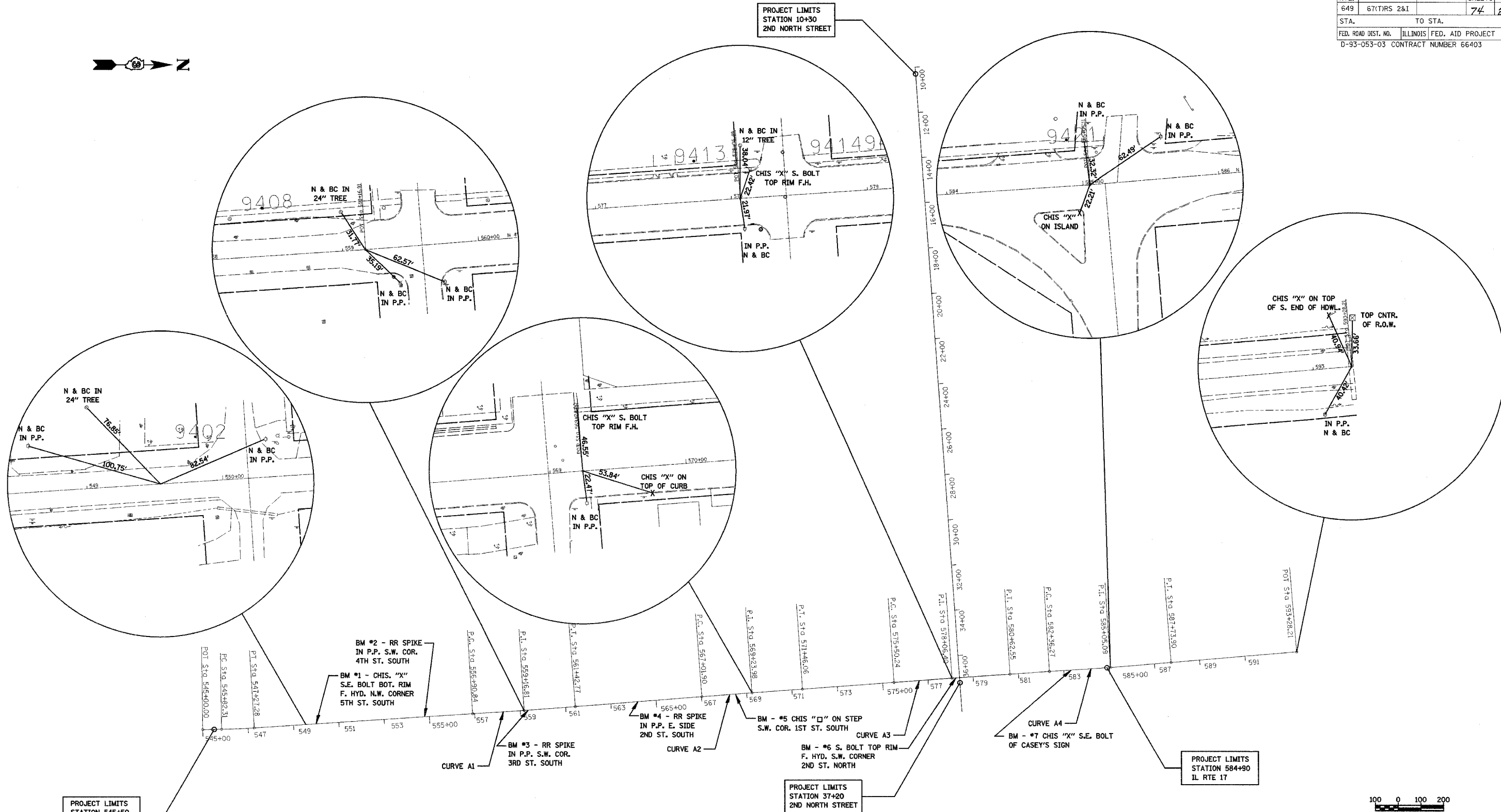
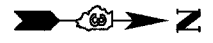
FILE: g:\3846\6-16-04\38460009.dgn
DATE: 17-Jun-05 11:41

COLLINS ENGINEERS
123 N. WACKER DR., SUITE 300
CHICAGO, IL 60606
(312) 704-9300
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-000993

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 17
SCHEDULE OF QUANTITIES
SCALE: NTS
DATE: MARCH, 2005
DRAWN BY: DR
CHECKED BY: JMH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	67(T)RS 2&I		74	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
D-93-053-03		CONTRACT NUMBER 66403		



PROJECT LIMITS
STATION 545+50
IL RTE 17

CURVE A1
P.I. STA. 559+16.81 (FD. NAIL)
DELTA = 0°48'41"
DEGREE = 0°10'46"
TANGENT = 225.97'
LENGTH = 451.92'
RADIUS = 31,912.29'
EXTERNAL = 0.80'
P.C. STA. 556+90.84
P.T. STA. 561+42.77

CURVE A2
P.I. STA. 569+23.98 (FD. NAIL)
DELTA = 0°20'26"
DEGREE = 0°04'36"
TANGENT = 222.08'
LENGTH = 444.16'
RADIUS = 74,726.06'
EXTERNAL = 0.33'
P.C. STA. 567+01.90
P.T. STA. 571+46.06

CURVE A3
P.I. STA. 578+06.40 (FD. NAIL)
DELTA = 0°23'05"
DEGREE = 0°04'30"
TANGENT = 256.16'
LENGTH = 512.31'
RADIUS = 76,297.01'
EXTERNAL = 0.43'
P.C. STA. 575+50.24
P.T. STA. 580+62.55

CURVE A4
P.I. STA. 585+05.09 (FD. NAIL)
DELTA = 1°01'23"
DEGREE = 0°11'25"
TANGENT = 268.82'
LENGTH = 537.63'
RADIUS = 30,109.51'
EXTERNAL = 1.20'
P.C. STA. 582+36.27
P.T. STA. 587+73.90

PROJECT LIMITS
STATION 37+20
2ND NORTH STREET

REVISIONS	
NAME	DATE

COLLINS ENGINEERS INC.
123 N. WACKER DR., SUITE 300
CHICAGO, IL 60606
(312) 704-9300
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-000993

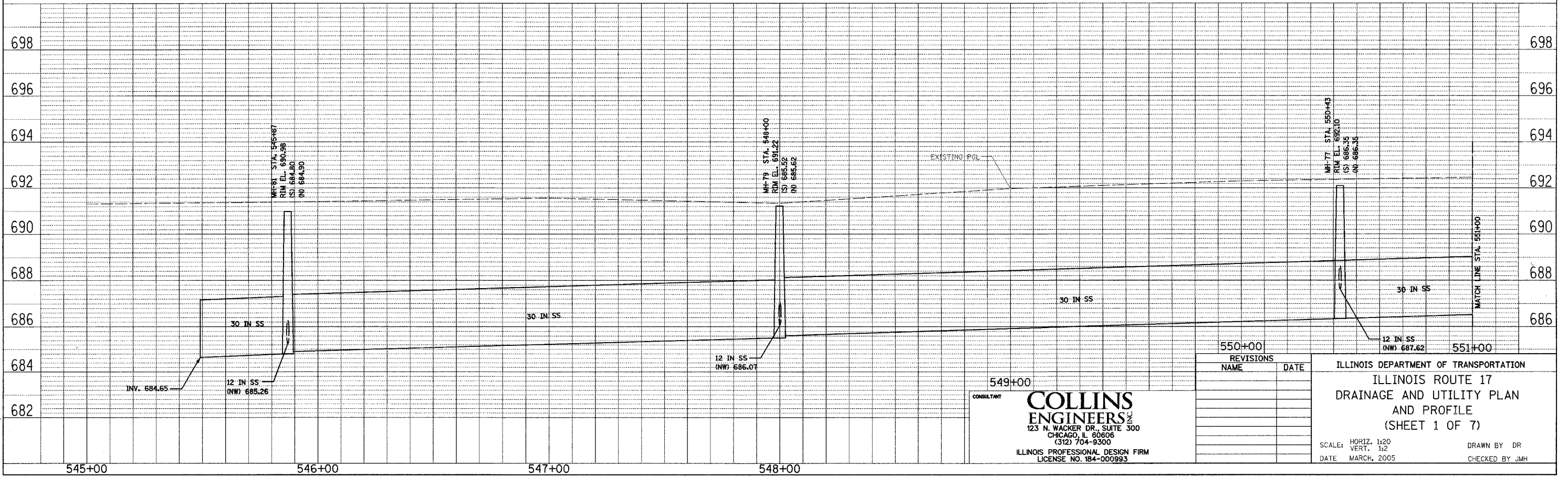
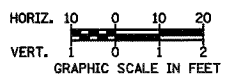
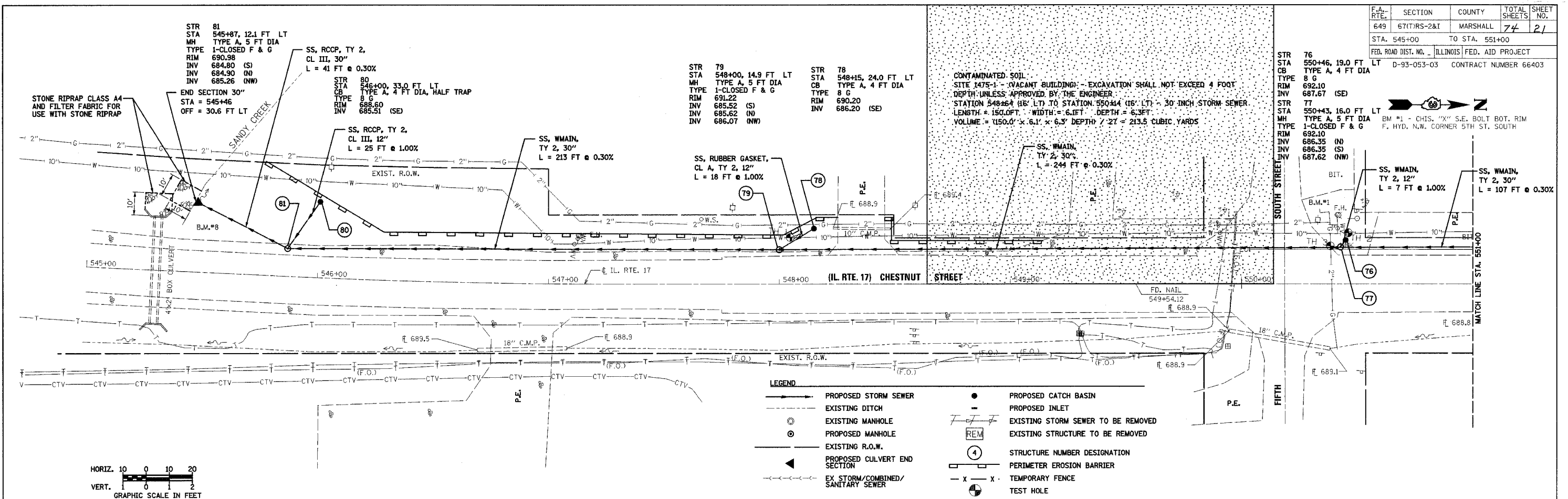
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 17 AND
2ND NORTH STREET
ALIGNMENT, TIES AND
BENCHMARK PLAN

SCALE: 1:200
DATE: MARCH, 2005
DRAWN BY: DR
CHECKED BY: JMH

FILE: \\s1846\16-16-04\18460006.dgn
DATE: 19 Oct 04 09:32

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	67(T)RS-2&T	MARSHALL	74	21
STA. 545+00		TO STA. 551+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
D-93-053-03		CONTRACT NUMBER 66403		

PLAN	SURVEYED	DATE
DESIGNED	BY	
CHECKED		
NOTED		
NO.		



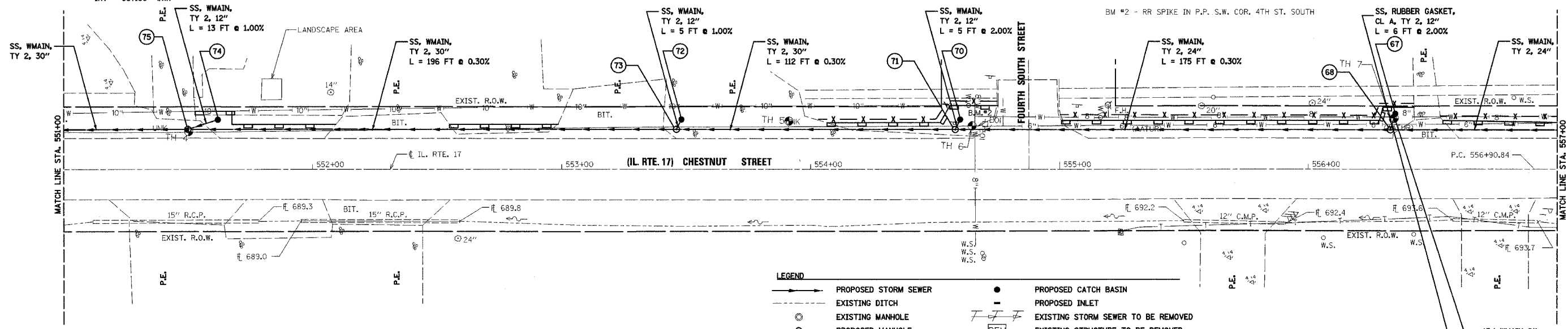
CONSULTANT
COLLINS ENGINEERS
123 N. WACKER DR., SUITE 300
CHICAGO, IL 60606
(312) 704-9300
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-000993

PROFILE	SURVEYED	DATE
DESIGNED	BY	
CHECKED		
NOTED		
NO.		

FILE: g:\3846-6-16-04\38460004.dgn
DATE: 30-Sep-04 12:27

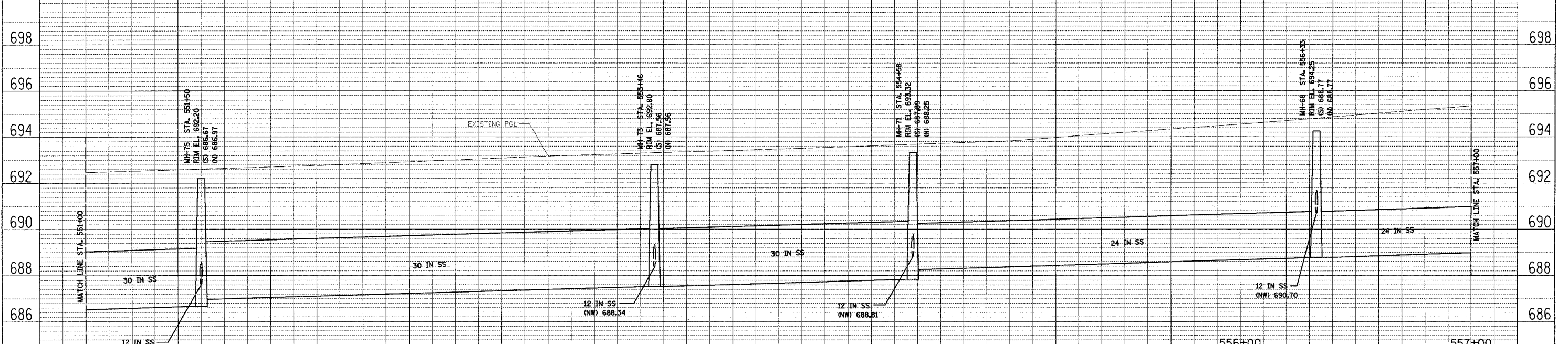
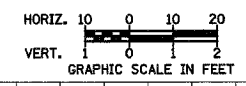
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	67(L)RS-2&I	MARSHALL	74	22
STA. 551+00		TO STA. 557+00		
FED. ROAD DIST. NO. - ILLINOIS		FED. AID PROJECT		
D-93-053-03		CONTRACT NUMBER 66403		

STR 75 STA 551+50, 16.0 FT LT MH TYPE A, 5 FT DIA TYPE 1-CLOSED F & G RIM 692.20 INV 686.67 (S) INV 686.97 (N) INV 687.60 (NW)	STR 74 STA 551+62, 20.0 FT LT CB TYPE A, 4 FT DIA TYPE 1-OPEN F & G RIM 692.10 INV 687.68 (SE)	STR 73 STA 553+46, 16.0 FT LT MH TYPE A, 5 FT DIA TYPE 1-CLOSED F & G RIM 692.80 INV 687.56 (N) INV 687.56 (S) INV 688.34 (NW)	STR 72 STA 553+48, 20.0 FT LT CB TYPE A, 4 FT DIA TYPE 1-OPEN F & G RIM 692.80 INV 688.38 (SE)	STR 71 STA 554+58, 16.0 FT LT MH TYPE A, 5 FT DIA TYPE 1-CLOSED F & G RIM 693.32 INV 688.25 (N) INV 687.89 (S) INV 688.81 (NW)	STR 70 STA 554+60, 20.0 FT LT CB TYPE A, 4 FT DIA TYPE 8 G RIM 693.32 INV 688.90 (SE)	STR 69 NOT USED	STR 68 STA 556+33, 15.8 FT LT MH TYPE A, 5 FT DIA TYPE 1-CLOSED F & G RIM 694.25 INV 688.77 (N) INV 688.77 (S) INV 690.70 (NW)	STR 67 STA 556+35, 22.3 FT LT CB TYPE A, 4 FT DIA TYPE 8 G RIM 694.25 INV 690.82 (SE)
---	---	---	---	---	--	--------------------	---	--



LEGEND

	PROPOSED STORM SEWER		PROPOSED CATCH BASIN
	EXISTING DITCH		PROPOSED INLET
	EXISTING MANHOLE		EXISTING STORM SEWER TO BE REMOVED
	PROPOSED MANHOLE		EXISTING STRUCTURE TO BE REMOVED
	EXISTING R.O.W.		STRUCTURE NUMBER DESIGNATION
	PROPOSED CULVERT END SECTION		PERIMETER EROSION BARRIER
	EX STORM/COMBINED/SANITARY SEWER		TEMPORARY FENCE
			TEST HOLE



PLAN

DATE	BY	REVISIONS

APPROVED: [Signature]
DATE: [Date]

PROFILE

DATE	BY	REVISIONS

APPROVED: [Signature]
DATE: [Date]

FILE: g:\3846 6-16-04\3846.dwg
DATE: 30-Sep-04 12:27

555+00
CONSULTANT

COLLINS ENGINEERS
123 N. WACKER DR., SUITE 300
CHICAGO, IL 60606
(312) 704-9300
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-000993

556+00

REVISIONS	NAME	DATE

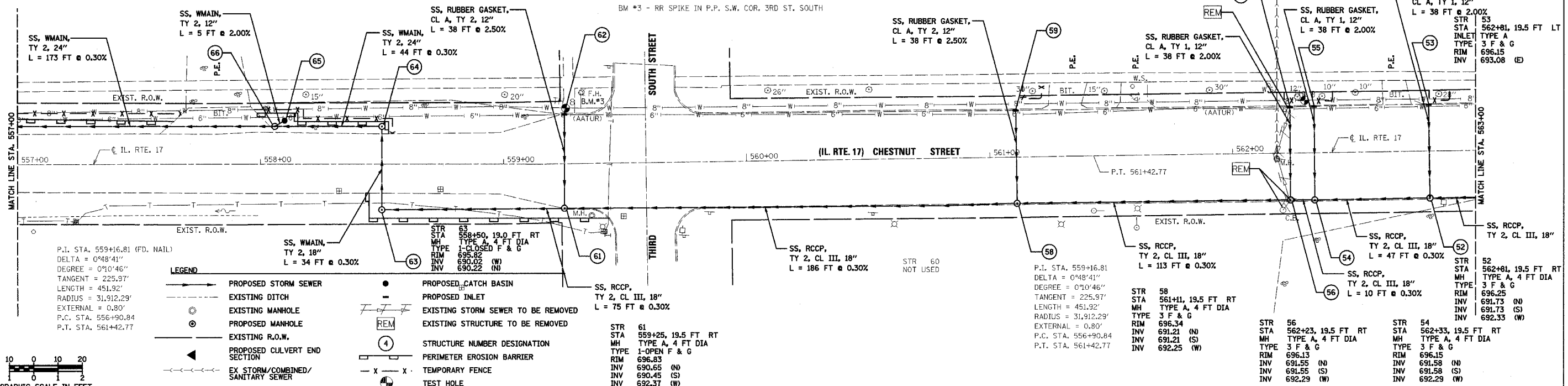
ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 17
DRAINAGE AND UTILITY PLAN
AND PROFILE
(SHEET 2 OF 7)

SCALE: HORIZ. 1:20
VERT. 1:2
DATE MARCH, 2005

DRAWN BY DR
CHECKED BY JMH

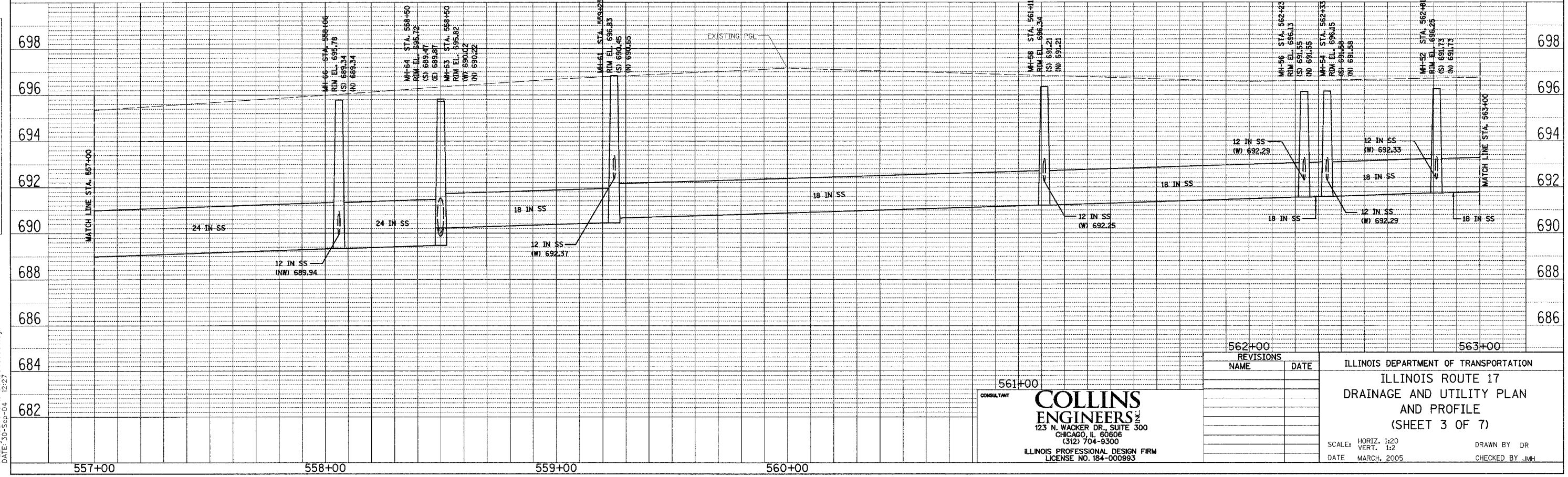
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	67(T)RS-2&I	MARSHALL	74	23
STA. 557+00		TO STA. 563+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
D-93-053-03		CONTRACT NUMBER 66403		

- | | | | | | | |
|---|---|--|---|--|--|--|
| STR 66
STA 558+06, 15.6 FT LT
MH TYPE A, 5 FT DIA
TYPE 1-CLOSED F & G
RIM 695.78
INV 689.34 (N)
INV 689.34 (S)
INV 689.94 (NW) | STR 65
STA 558+10, 18.0 FT LT
CB TYPE A, 4 FT DIA
TYPE 1-OPEN F & G
RIM 695.78
INV 690.03 (SE) | STR 64
STA 558+50, 15.5 FT LT
MH TYPE A, 5 FT DIA
TYPE 1-CLOSED F & G
RIM 695.72
INV 689.47 (S)
INV 689.87 (E) | STR 62
STA 559+25, 19.5 FT LT
INLET TYPE A
TYPE 1-OPEN F & G
RIM 696.33
INV 693.32 (E) | STR 59
STA 561+11, 19.5 FT LT
INLET TYPE A
TYPE 3 F & G
RIM 696.36
INV 693.20 (E) | STR 57
STA 562+23, 19.5 FT LT
INLET TYPE A
TYPE 3 F & G
RIM 696.10
INV 693.04 (E) | STR 55
STA 562+33, 19.5 FT LT
INLET TYPE A
TYPE 3 F & G
RIM 696.10
INV 693.04 (E) |
|---|---|--|---|--|--|--|



DATE	
BY	
PLAN	
REVISION	
DATE	
BY	
NOTE	
NO.	

DATE	
BY	
PROFILE	
REVISION	
DATE	
BY	
NOTE	
NO.	



561+00

CONSULTANT

COLLINS ENGINEERS
123 N. WACKER DR., SUITE 300
CHICAGO, IL 60606
(312) 704-9300
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-000993

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 17
DRAINAGE AND UTILITY PLAN
AND PROFILE
(SHEET 3 OF 7)

SCALE: HORIZ. 1:20
VERT. 1:2

DATE MARCH, 2005

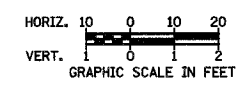
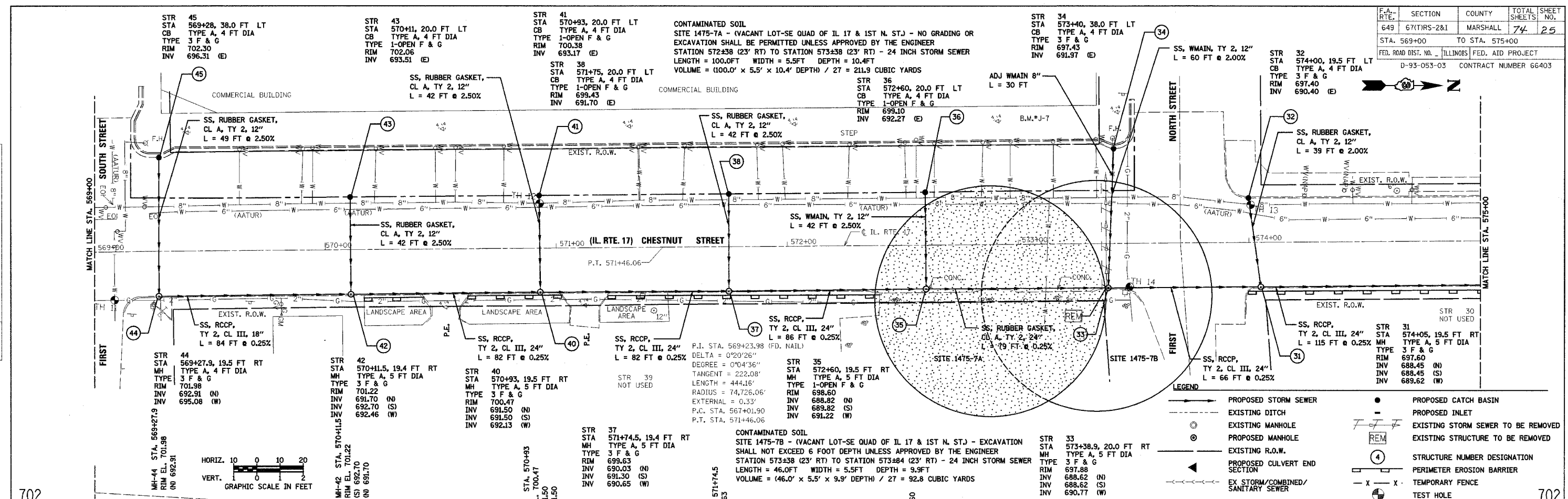
DRAWN BY DR
CHECKED BY JMH

FILE: g:\3846 6-16-04_38460004.dgn
DATE: 30-Sep-04 12:27

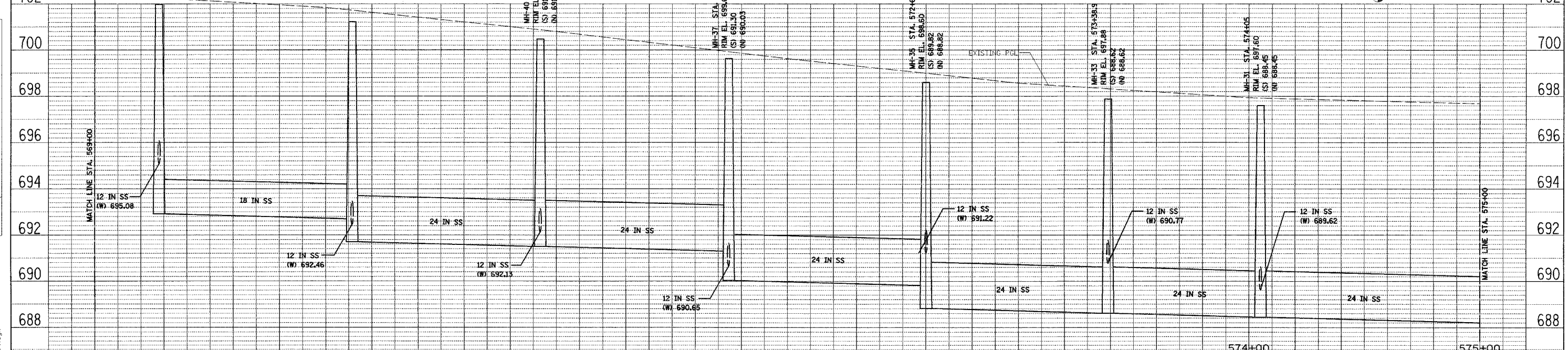
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	67(T)RS-2&1	MARSHALL	74	25
STA. 569+00		TO STA. 575+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
D-93-053-03		CONTRACT NUMBER 66403		

PLAN	DATE
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	

PROF. ILE	DATE
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	



- LEGEND**
- PROPOSED STORM SEWER
 - - - EXISTING DITCH
 - ⊙ EXISTING MANHOLE
 - ⊙ PROPOSED MANHOLE
 - EXISTING R.O.W.
 - ◀ PROPOSED CULVERT END SECTION
 - EX STORM/COMBINED/SANITARY SEWER
 - PROPOSED CATCH BASIN
 - - - PROPOSED INLET
 - ⊙ EXISTING STORM SEWER TO BE REMOVED
 - ⊙ EXISTING STRUCTURE TO BE REMOVED
 - ④ STRUCTURE NUMBER DESIGNATION
 - PERIMETER EROSION BARRIER
 - X - X - TEMPORARY FENCE
 - ⊙ TEST HOLE



CONSULTANT

COLLINS ENGINEERS
 123 N. WACKER DR., SUITE 300
 CHICAGO, IL 60606
 (312) 704-9300
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-000993

574+00	REVISIONS	DATE
	NAME	

ILLINOIS DEPARTMENT OF TRANSPORTATION

**ILLINOIS ROUTE 17
 DRAINAGE AND UTILITY PLAN
 AND PROFILE
 (SHEET 5 OF 7)**

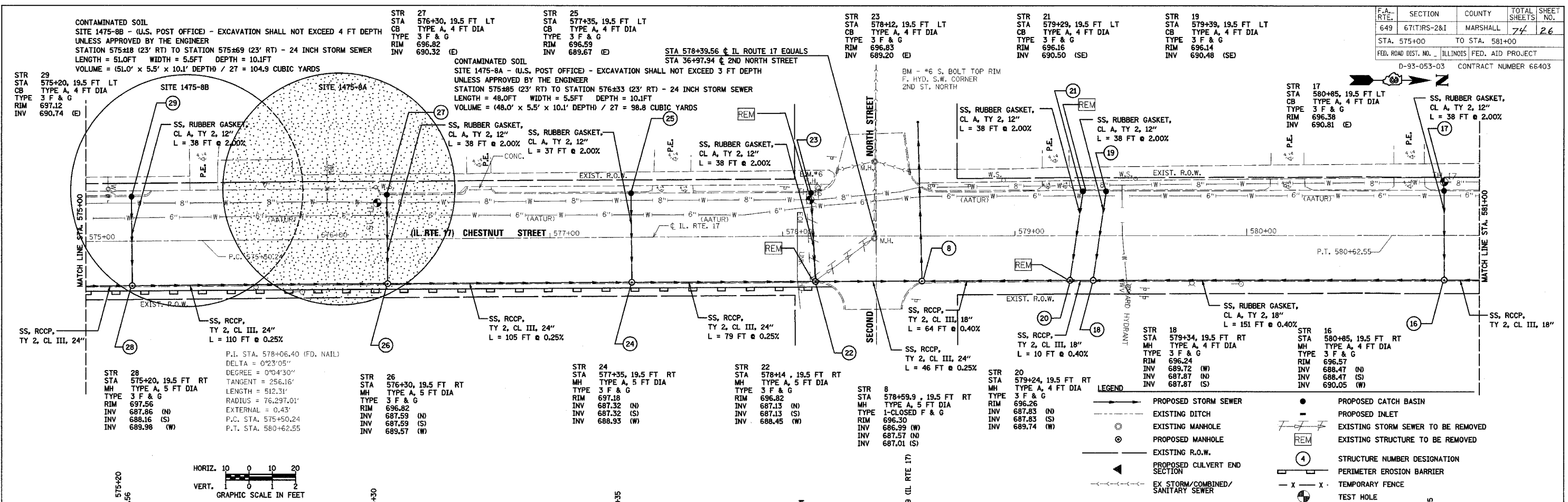
SCALE: HORIZ. 1:20
 VERT. 1:2

DATE MARCH, 2005

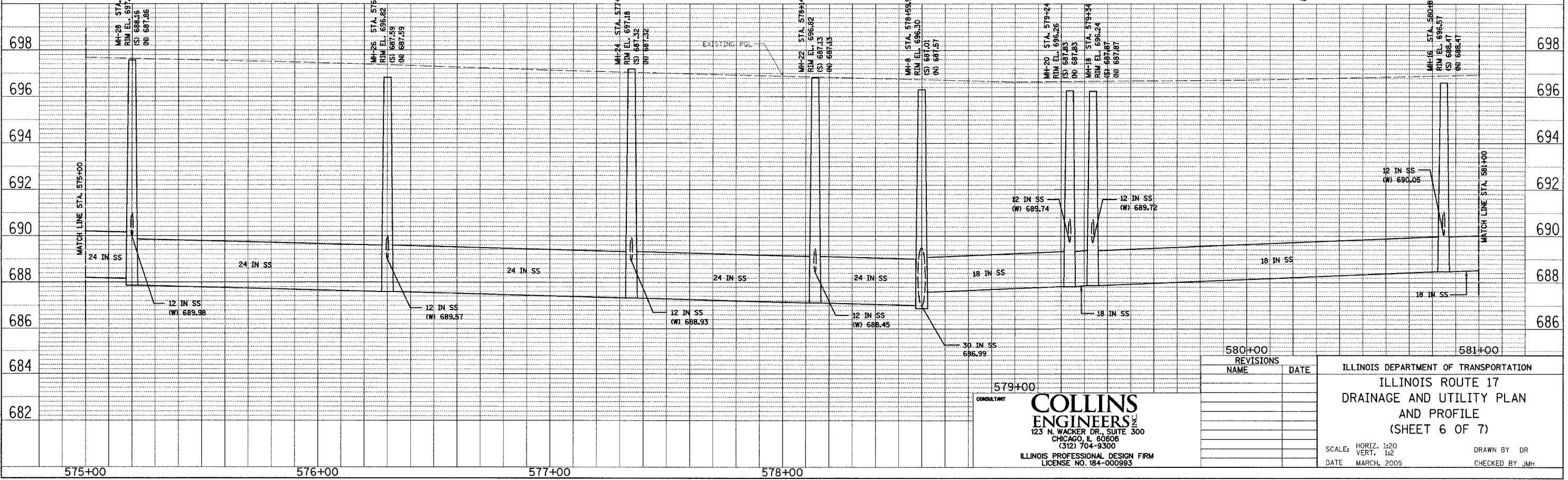
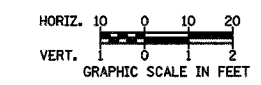
DRAWN BY DR
 CHECKED BY JMH

FILE: g:\3846-16-04\38460004.dgn
 DATE: 30-Sep-04 12:27

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	671(RS)-2&I	MARSHALL	74	26
STA. 575+00		TO STA. 581+00		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
D-93-053-03 CONTRACT NUMBER 66403				



P.I. STA. 578+06.40 (FD. NAIL)
 DELTA = 0°23'05"
 DEGREE = 0°04'30"
 TANGENT = 256.16'
 LENGTH = 512.31'
 RADIUS = 76,297.01'
 EXTERNAL = 0.43'
 P.C. STA. 575+50.24
 P.T. STA. 580+62.55



CONSULTANT
COLLINS ENGINEERS INC.
 123 N. WACKER DR., SUITE 300
 CHICAGO, IL 60606
 (312) 704-9300
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-000993

580+00	REVISIONS	DATE
NAME		

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 17
 DRAINAGE AND UTILITY PLAN
 AND PROFILE
 (SHEET 6 OF 7)

SCALE: HORIZ. 1:20
 VERT. 1:2
 DATE MARCH, 2005

DRAWN BY DR
 CHECKED BY JMH

PLAN
 SURVEYED, CHECKED, ALIGNED, CHECKED, PLANNED, CHECKED, P.L. OF WAY CHECKED, NO. FILE NAME

PROFILE
 SURVEYED, CHECKED, GRADES, NOTED, STRUCTURE, NOTATIONS, CHFD, NO.

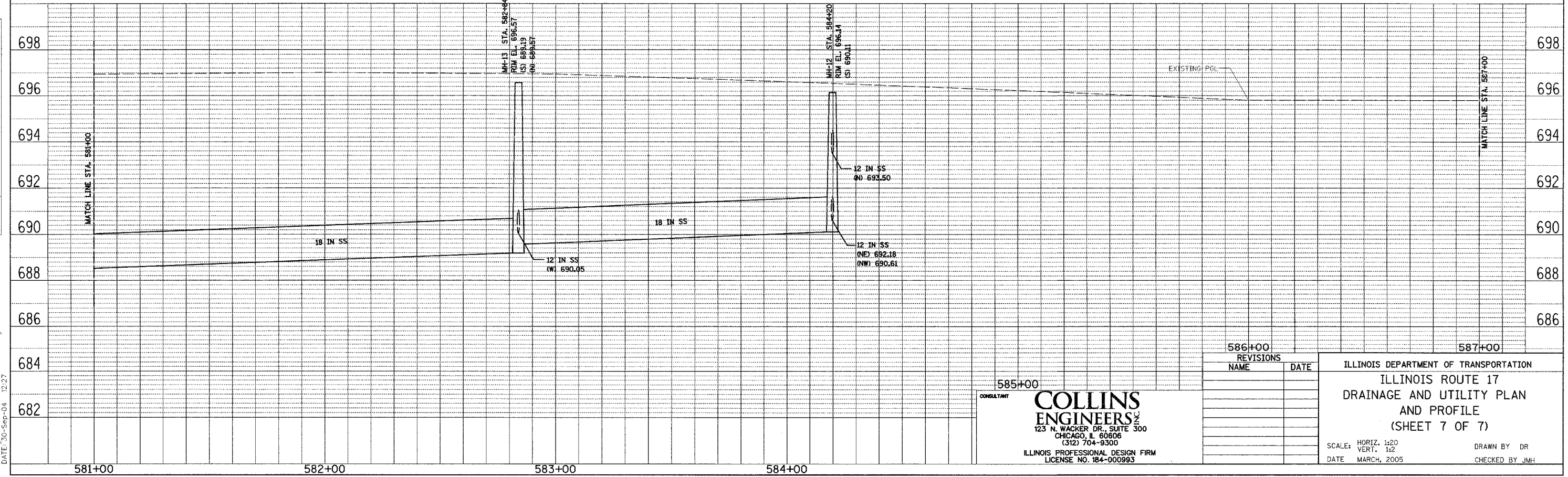
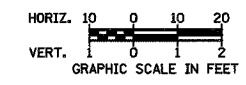
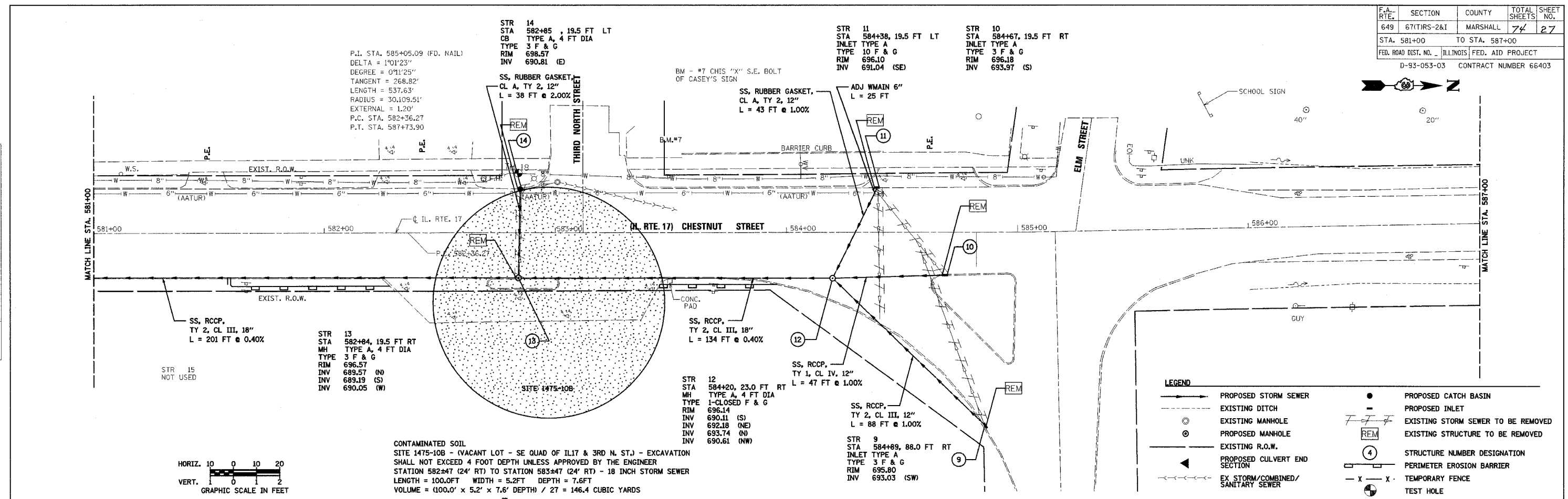
FILE: g:\3846-6-16-04_38460004.dgn
 DATE: 30-Sep-04 12:27

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	67(T)RS-2&I	MARSHALL	74	27
STA. 581+00		TO STA. 587+00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
D-93-053-03 CONTRACT NUMBER 66403				

PLAN	SURVEYED	BY	DATE
	GRADES CHECKED		
	ALIGNED		
	RT. OF WAY CHECKED		
	NOTE BOOK NO.		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS OK'D		
	NOTE BOOK NO.		
	FILE NAME		

FILE: 9:\3846\6-16-04\38460004.dgn
DATE: 30-SEP-04 12:27



CONSULTANT

COLLINS ENGINEERS
123 N. WACKER DR., SUITE 300
CHICAGO, IL 60606
(312) 704-9300
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-000993

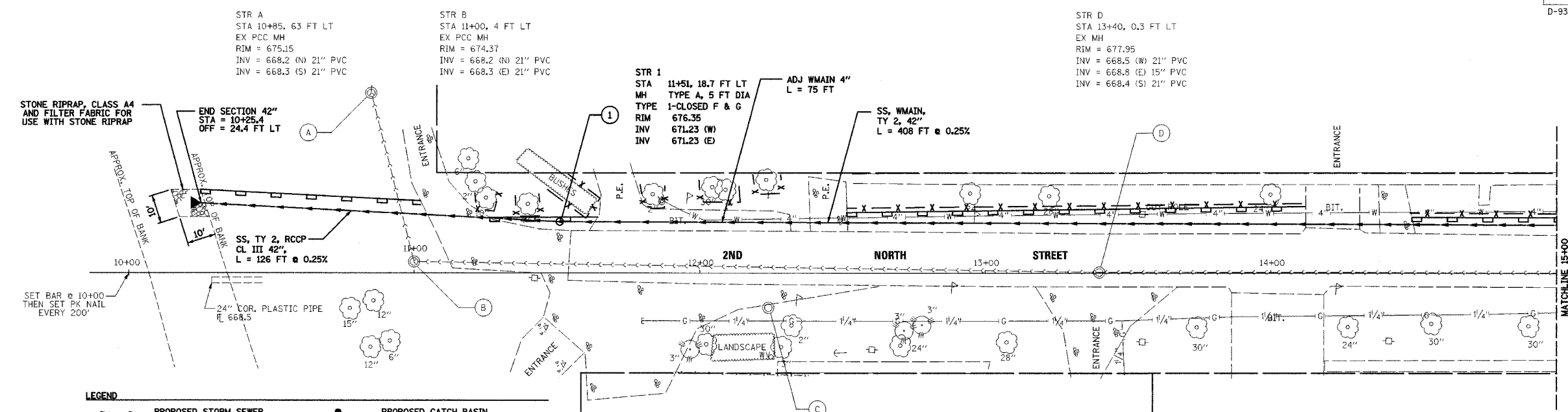
REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 17
DRAINAGE AND UTILITY PLAN
AND PROFILE
(SHEET 7 OF 7)

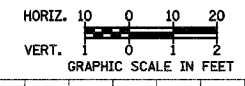
SCALE: HORIZ. 1:20
VERT. 1:2
DATE MARCH, 2005

DRAWN BY DR
CHECKED BY JMH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	67(T)RS-2&I	MARSHALL	74	28
STA. 10+00		TO STA. 15+00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
D-93-053-03	CONTRACT NUMBER 66403			

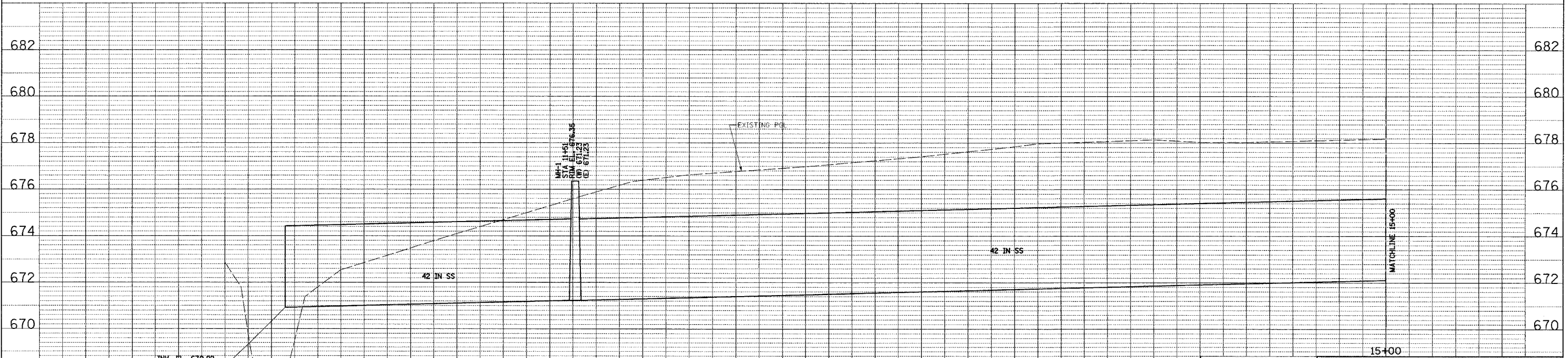


- LEGEND**
- PROPOSED STORM SEWER
 - - - EXISTING DITCH
 - ⊙ EXISTING MANHOLE
 - ⊙ PROPOSED MANHOLE
 - - - EXISTING R.O.W.
 - ◀ PROPOSED CULVERT END SECTION
 - - - EX STORM/COMBINED/SANITARY SEWER
 - PROPOSED CATCH BASIN
 - ⊖ PROPOSED INLET
 - ⊖ EXISTING STORM SEWER TO BE REMOVED
 - ⊖ EXISTING STRUCTURE TO BE REMOVED
 - ④ STRUCTURE NUMBER DESIGNATION
 - ▭ PERIMETER EROSION BARRIER
 - X - X - TEMPORARY FENCE
 - ⊙ TEST HOLE



DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY



FILE: g:\3846\6-16-04\gnis-2nd.dgn
DATE: 29-Sep-04 11:37

CONSULTANT
COLLINS ENGINEERS
123 N. WACKER DR., SUITE 300
CHICAGO, IL 60606
(312) 704-9300
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-000993

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
2nd NORTH STREET STORM SEWER
DRAINAGE AND UTILITY PLAN
AND PROFILE
(SHEET 1 OF 6)

SCALE: HORIZ. 1:20
VERT. 1:2
DATE MARCH, 2005

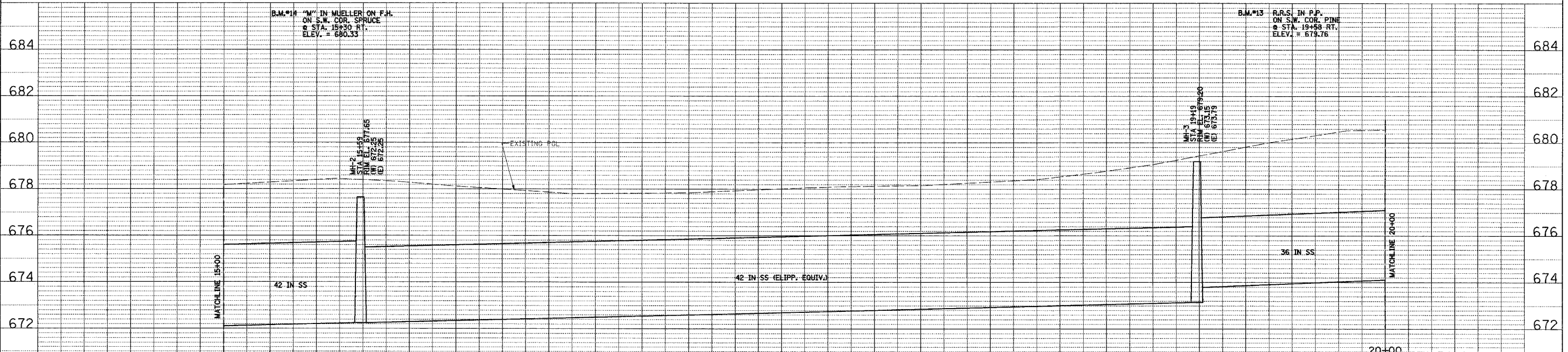
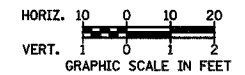
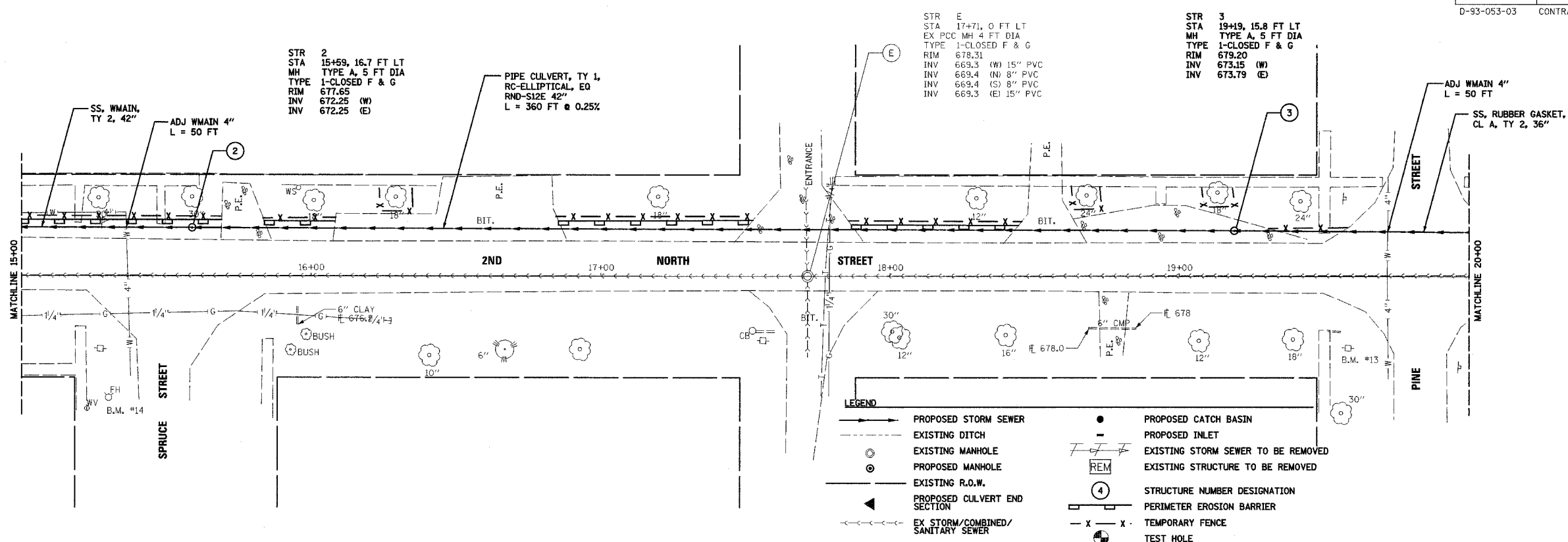
DRAWN BY DR
CHECKED BY JMH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	67(T)RS-2&I	MARSHALL	74	29
STA. 15+00		TO STA. 20+00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
D-93-053-03	CONTRACT NUMBER 66403			

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	ALIGNED		
	CHECKED		
	BY		
	DATE		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS OK'D		
	BY		
	DATE		

FILE: 93046-16-01-shs-2nd.dgn
DATE: 29-Sep-04 11:37



CONSULTANT
COLLINS ENGINEERS
123 N. WACKER DR., SUITE 300
CHICAGO, IL 60606
(312) 704-9300
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-000993

REVISIONS	
NAME	DATE

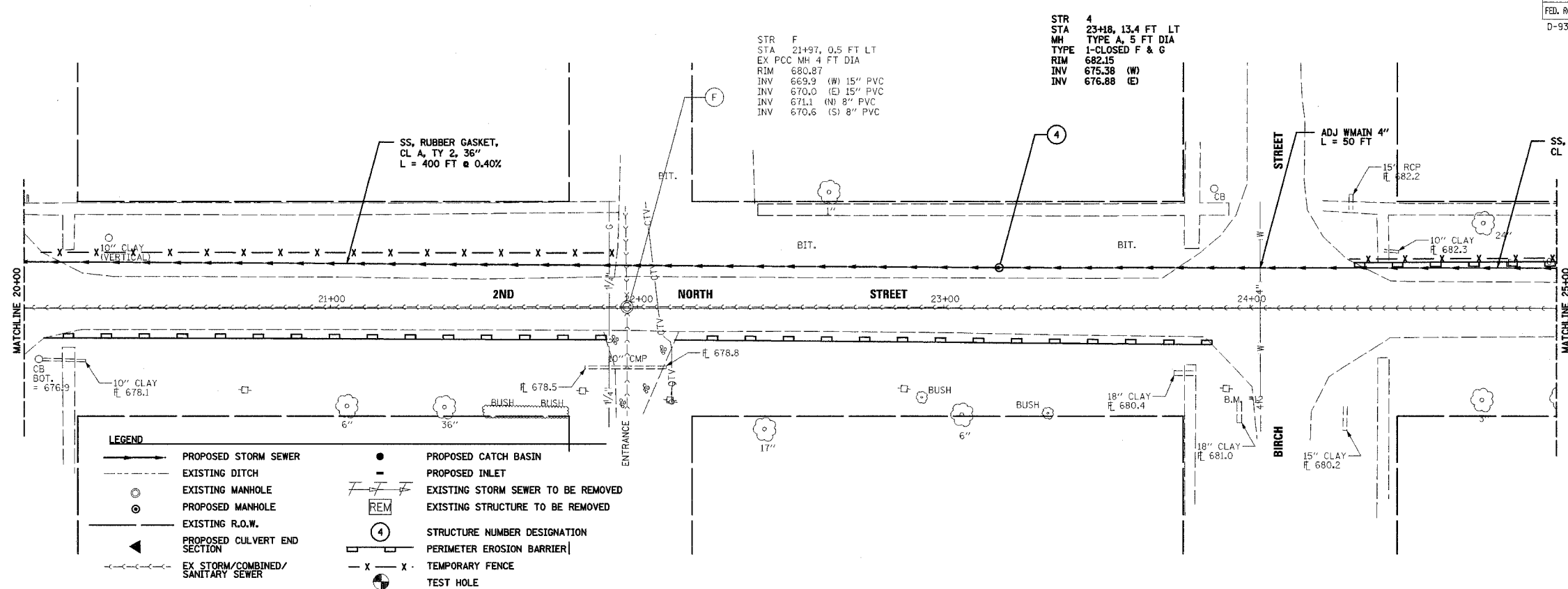
ILLINOIS DEPARTMENT OF TRANSPORTATION
2nd NORTH STREET STORM SEWER
DRAINAGE AND UTILITY PLAN
AND PROFILE
(SHEET 2 OF 6)

SCALE: HORIZ. 1"=20'
VERT. 1"=2'

DATE MARCH, 2005

DRAWN BY DR
CHECKED BY JMH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	67(T)RS-2&I	MARSHALL	74	30
STA. 20+00		TO STA. 25+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
D-93-053-03		CONTRACT NUMBER 66403		

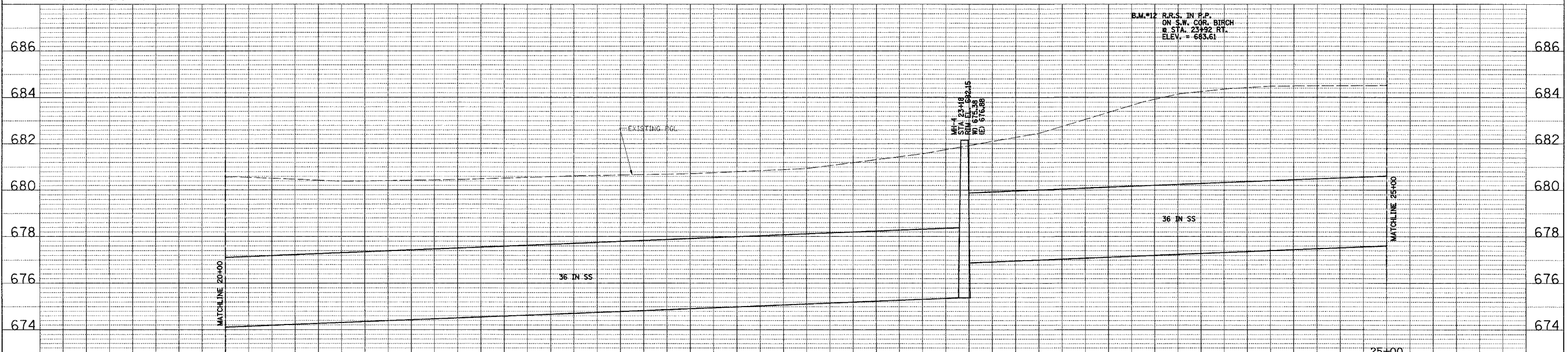
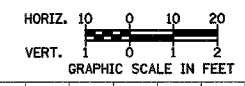


STR F
 STA 21+97, 0.5 FT LT
 EX PCC MH 4 FT DIA
 RIM 680.87
 INV 669.9 (W) 15" PVC
 INV 670.0 (E) 15" PVC
 INV 671.1 (N) 8" PVC
 INV 670.6 (S) 8" PVC

STR 4
 STA 23+18, 13.4 FT LT
 MH TYPE A, 5 FT DIA
 TYPE 1-CLOSED F & G
 RIM 682.15
 INV 675.38 (W)
 INV 676.88 (E)

DATE	
BY	
PLAN	
SURVEYED	
ALIGNED	
CHECKED	
BY	
DATE	
NOTE BOOK	
NO.	
FILE NAME	

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



FILE: g:\3846-g-16-04\vents-2nd.dgn
 DATE: 29-Sep-04 11:37

CONSULTANT
COLLINS ENGINEERS
 123 N. WACKER DR., SUITE 300
 CHICAGO, IL 60606
 (312) 704-9300
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-000993

REVISIONS	NAME	DATE

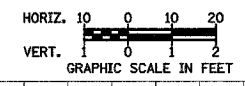
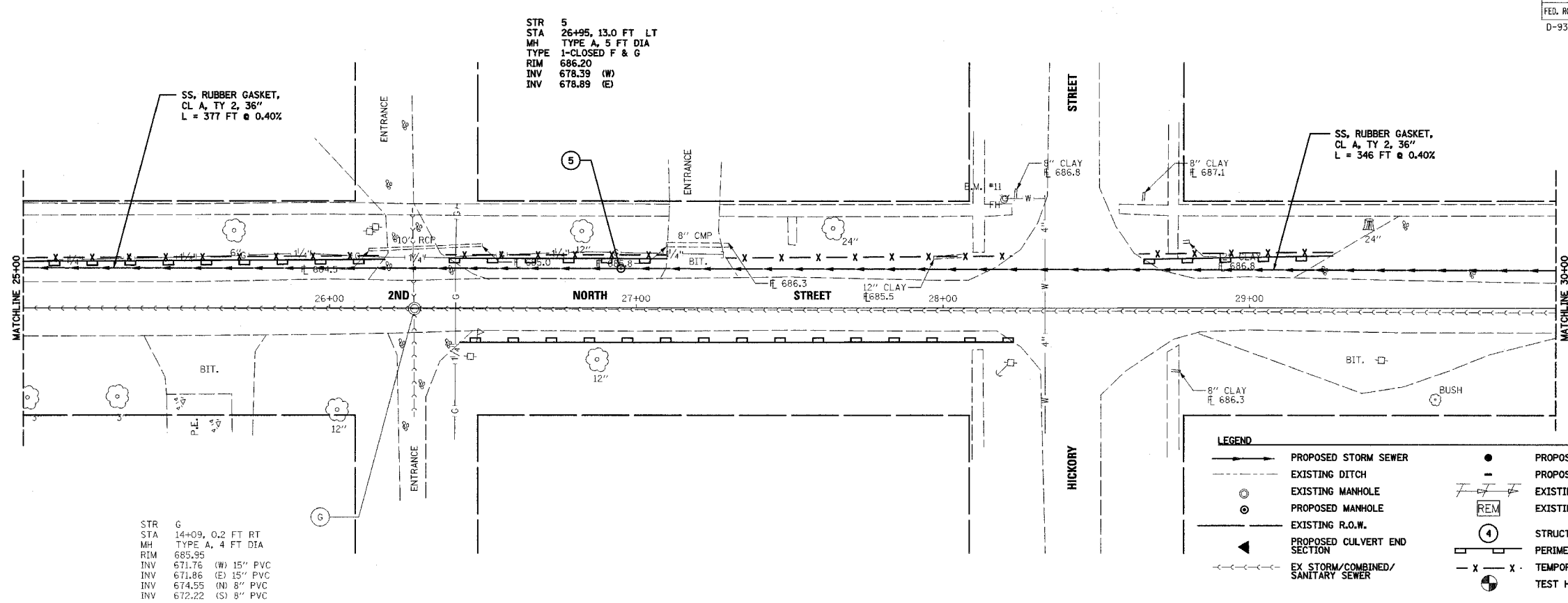
ILLINOIS DEPARTMENT OF TRANSPORTATION
 2nd NORTH STREET STORM SEWER
 DRAINAGE AND UTILITY PLAN
 AND PROFILE
 (SHEET 3 OF 6)

SCALE: HORIZ. 1:20
 VERT. 1:2
 DATE MARCH, 2005

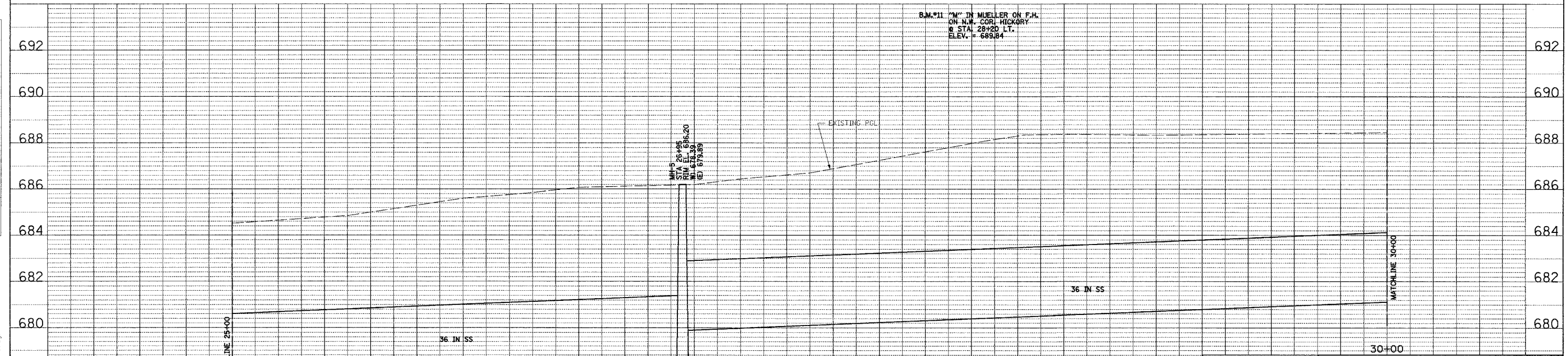
DRAWN BY DR
 CHECKED BY JMH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	67(T)RS-2&I	MARSHALL	74	31
STA. 25+00		TO STA. 30+00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
D-93-053-03	CONTRACT NUMBER 66403			

PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED	
	CHECKED	
	BY	
	NO.	



PROF ILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	
	BY	
	NO.	



FILE: g:\3846-16-0-A\shis-2nd.dgn
DATE: 29-Sep-04 11:37

CONSULTANT
COLLINS ENGINEERS
123 N. WACKER DR., SUITE 300
CHICAGO, IL 60606
(312) 704-9300
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-000993

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
2nd NORTH STREET STORM SEWER
DRAINAGE AND UTILITY PLAN
AND PROFILE
(SHEET 4 OF 6)

SCALE: HORIZ. 1:20
VERT. 1:2
DATE MARCH, 2005

DRAWN BY DR
CHECKED BY JMH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	67(TRS-2&I)	MARSHALL	74	32
STA. 30+00		TO STA. 35+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
D-93-053-03		CONTRACT NUMBER 66403		

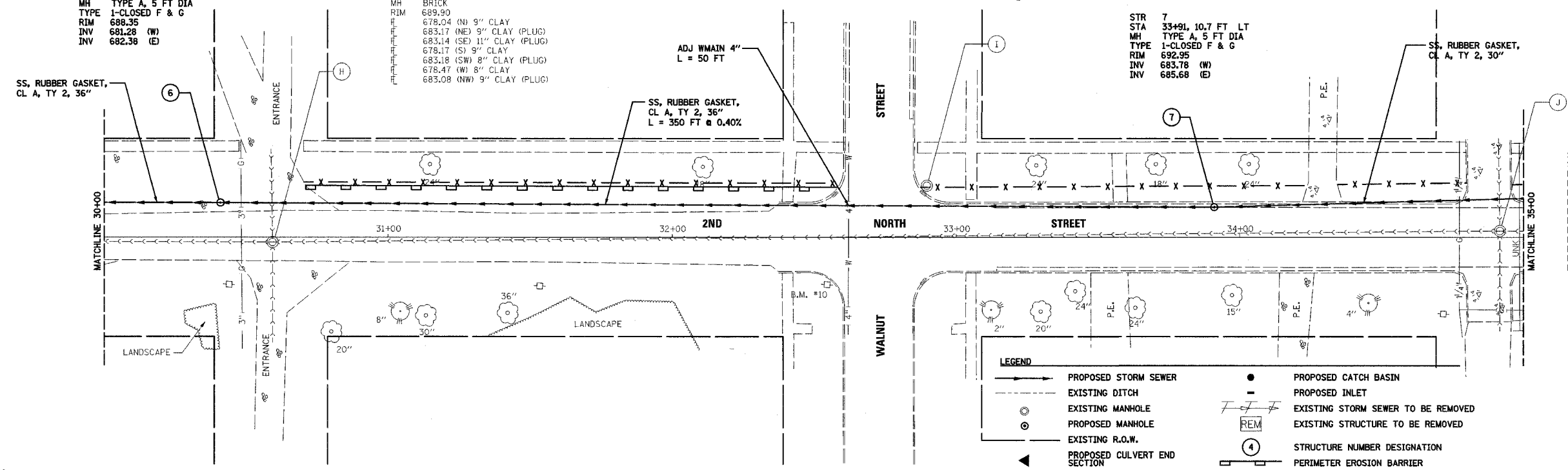
STR 6
 STA 30+41, 12.3 FT LT
 MH TYPE A, 5 FT DIA
 TYPE 1-CLOSED F & G
 RIM 688.35
 INV 681.28 (W)
 INV 682.38 (E)

STR H
 STA 30+59, 2 FT RT
 MH BRICK
 RIM 689.90
 F 678.04 (N) 9" CLAY (PLUG)
 683.17 (NE) 9" CLAY (PLUG)
 683.14 (SE) 11" CLAY (PLUG)
 678.17 (S) 9" CLAY
 683.18 (SW) 8" CLAY (PLUG)
 678.47 (W) 8" CLAY
 683.08 (NW) 9" CLAY (PLUG)

STR I
 STA 32+90, 18 FT LT
 MH BRICK
 RIM 690.79
 F 688.1 (E) 8" CLAY

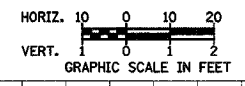
STR 7
 STA 33+91, 10.7 FT LT
 MH TYPE A, 5 FT DIA
 TYPE 1-CLOSED F & G
 RIM 692.95
 INV 683.78 (W)
 INV 685.68 (E)

STR J
 STA 34+92, 2 FT LT
 MH BRICK
 RIM 694.81
 F 684.7 (N) 10" CLAY
 689.7 (NE) 8" CLAY (PLUG)
 685.3 (E) 8" CLAY
 690.0 (SE) 8" CLAY (PLUG)
 689.6 (S) 8" CLAY (PLUG)
 684.7 (SW) 8" CLAY (PLUG)
 689.7 (W) 8" CLAY (PLUG)
 685.1 (NW) 8" CLAY
 689.8 (NW) 8" CLAY (PLUG)



LEGEND

→	PROPOSED STORM SEWER	●	PROPOSED CATCH BASIN
- - -	EXISTING DITCH	-	PROPOSED INLET
○	EXISTING MANHOLE	---/---/---	EXISTING STORM SEWER TO BE REMOVED
⊙	PROPOSED MANHOLE	REM	EXISTING STRUCTURE TO BE REMOVED
- - -	EXISTING R.O.W.	④	STRUCTURE NUMBER DESIGNATION
▲	PROPOSED CULVERT END SECTION	— —	PERIMETER EROSION BARRIER
--- ---	EX STORM/COMBINED/SANITARY SEWER	- X - X -	TEMPORARY FENCE
		⊕	TEST HOLE

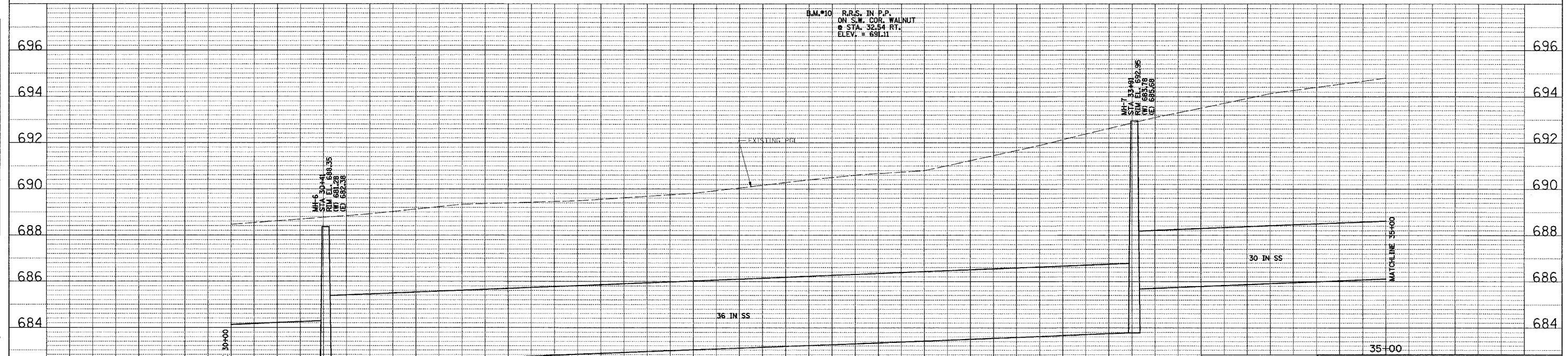


PLAN

DATE	
BY	
REVISIONS	
CHECKED	
NOTED	
NO.	

PROFILE

DATE	
BY	
REVISIONS	
CHECKED	
NOTED	
NO.	



FILE: 93-3846-16-01\shls-2nd.dgn
 DATE: 29-Sep-04 11:37

CONSULTANT
COLLINS ENGINEERS
 123 N. WACKER DR. SUITE 300
 CHICAGO, IL 60606
 (312) 704-9300
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-000993

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 2nd NORTH STREET STORM SEWER
 DRAINAGE AND UTILITY PLAN
 AND PROFILE
 (SHEET 5 OF 6)

SCALE: HORIZ. 1:20
 VERT. 1:2
 DATE MARCH, 2005

DRAWN BY DR
 CHECKED BY JMH

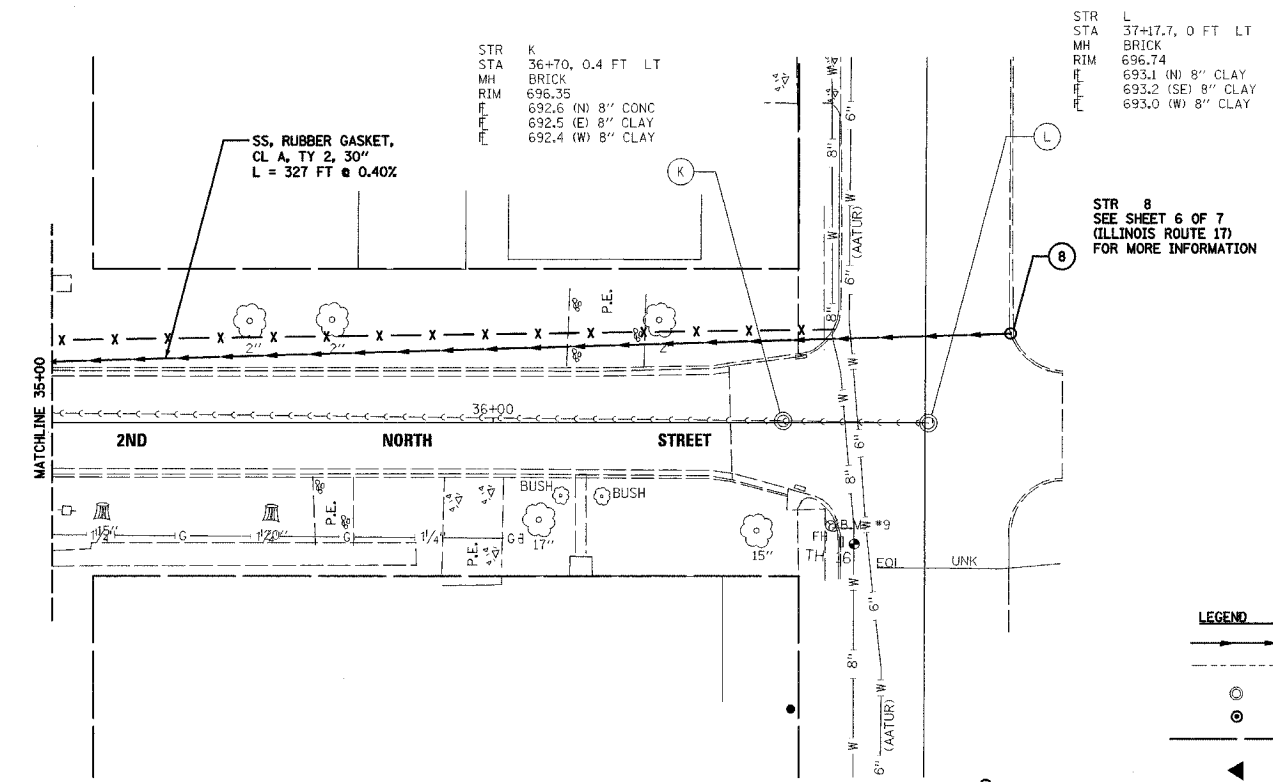
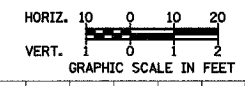
66403

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	67(T)RS-2&I	MARSHALL	74	33
STA. 35+00		TO STA. 36+97.94		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
D-93-053-03		CONTRACT NUMBER 66403		

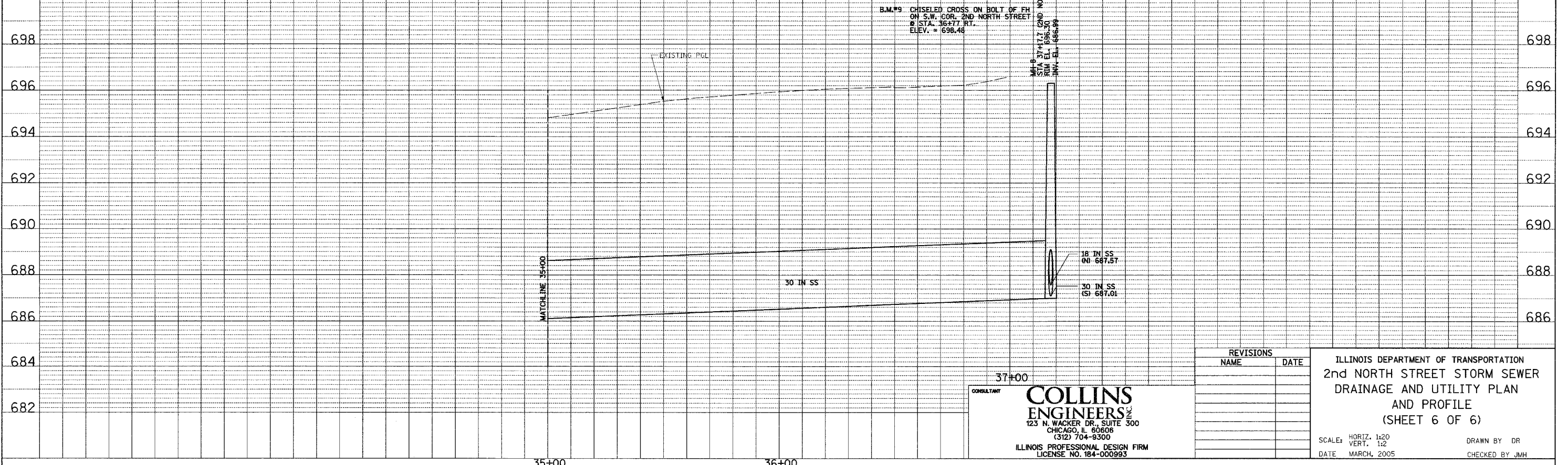
PLAN	SURVEYED	DATE
	ADJUSTED	
	INT. OF WAY CHECKED	
	PAID FILE NAME	

PROFILE	SURVEYED	DATE
	ADJUSTED	
	INT. OF WAY CHECKED	
	PAID FILE NAME	

FILE: g:\3846 16-16-04\shis-2nd.dgn
DATE: 29-Sep-04 11:37



LEGEND	
	PROPOSED STORM SEWER
	EXISTING DITCH
	EXISTING MANHOLE
	PROPOSED MANHOLE
	EXISTING R.O.W.
	PROPOSED CULVERT END SECTION
	EX STORM/COMBINED/SANITARY SEWER
	PROPOSED CATCH BASIN
	PROPOSED INLET
	EXISTING STORM SEWER TO BE REMOVED
	EXISTING STRUCTURE TO BE REMOVED
	STRUCTURE NUMBER DESIGNATION
	PERIMETER EROSION BARRIER
	TEMPORARY FENCE
	TEST HOLE



CONSULTANT
COLLINS ENGINEERS
123 N. WACKER DR., SUITE 300
CHICAGO, IL 60606
(312) 704-9300
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-000993

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
2nd NORTH STREET STORM SEWER
DRAINAGE AND UTILITY PLAN
AND PROFILE
(SHEET 6 OF 6)

SCALE: HORIZ. 1:20
VERT. 1:2
DATE: MARCH, 2005

DRAWN BY: DR
CHECKED BY: JMH

IL RT. 17 (CHESTNUT STREET)

66403

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	34
STA. 545+00		TO STA. 548+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
D-93-D53-01		CONTRACT NUMBER		

FINAL SURVEY PLOTTED AREAS CHECKED

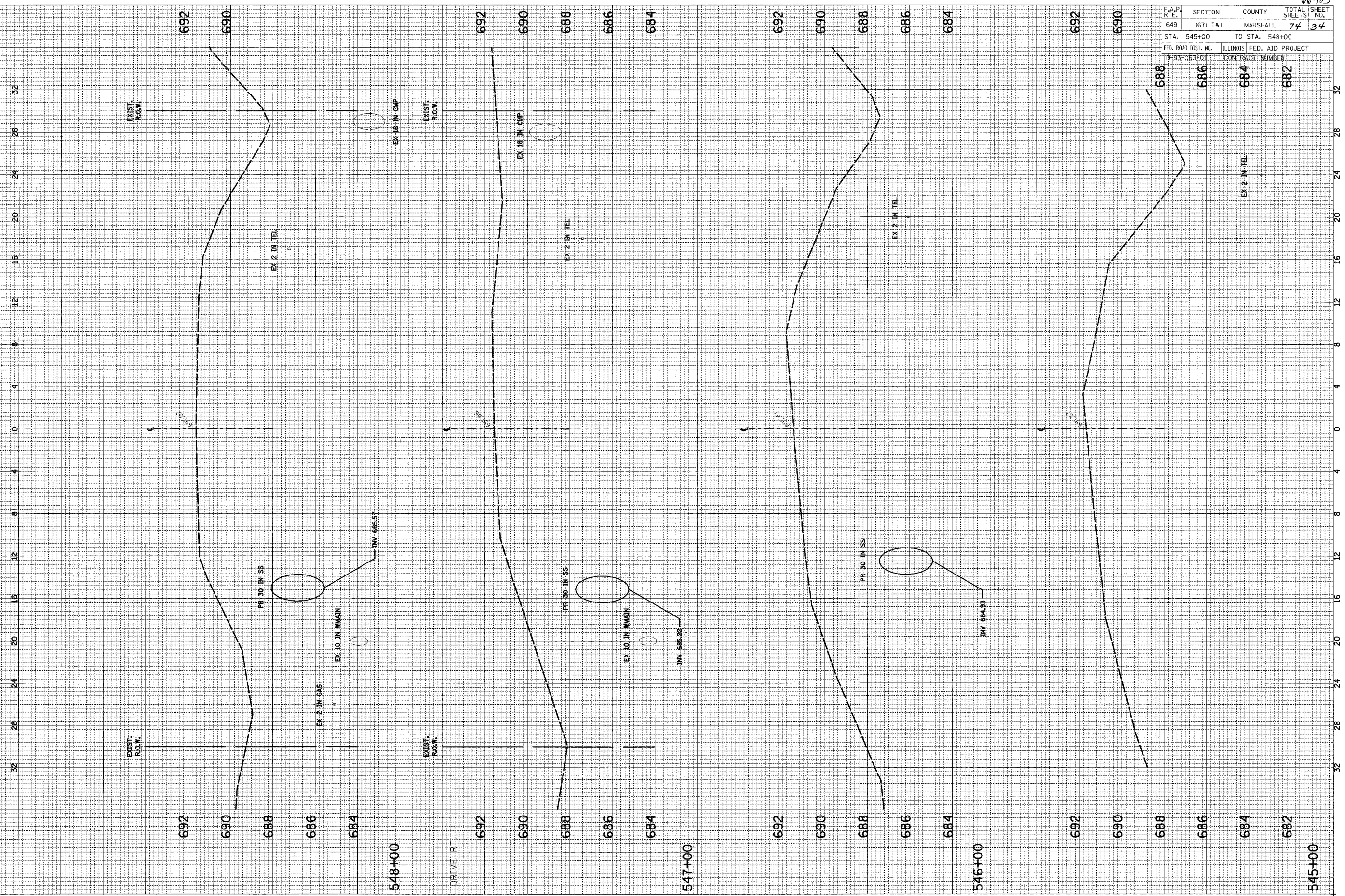
BY _____ DATE _____

NOTE BOOK NO. _____

ORIGINAL SURVEY PLOTTED AREAS CHECKED

BY _____ DATE _____

NOTE BOOK NO. _____

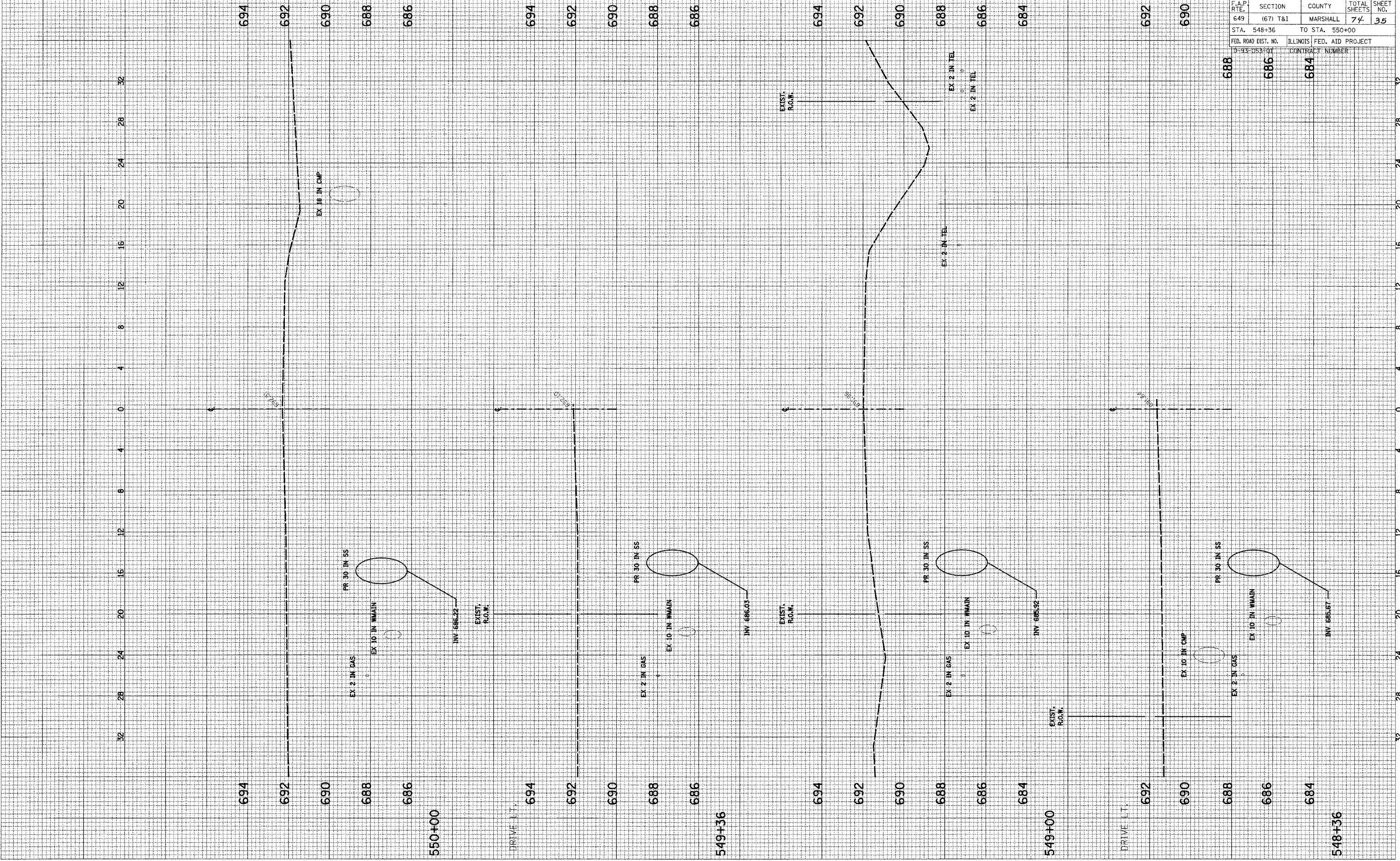


SCALE: HORIZ. 1/4" = 1'-0"
VERT. 1/2" = 1'-0"

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	35
STA. 548+36		TO STA. 550+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
D-93-0533-01		CONTRACT NUMBER		

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

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

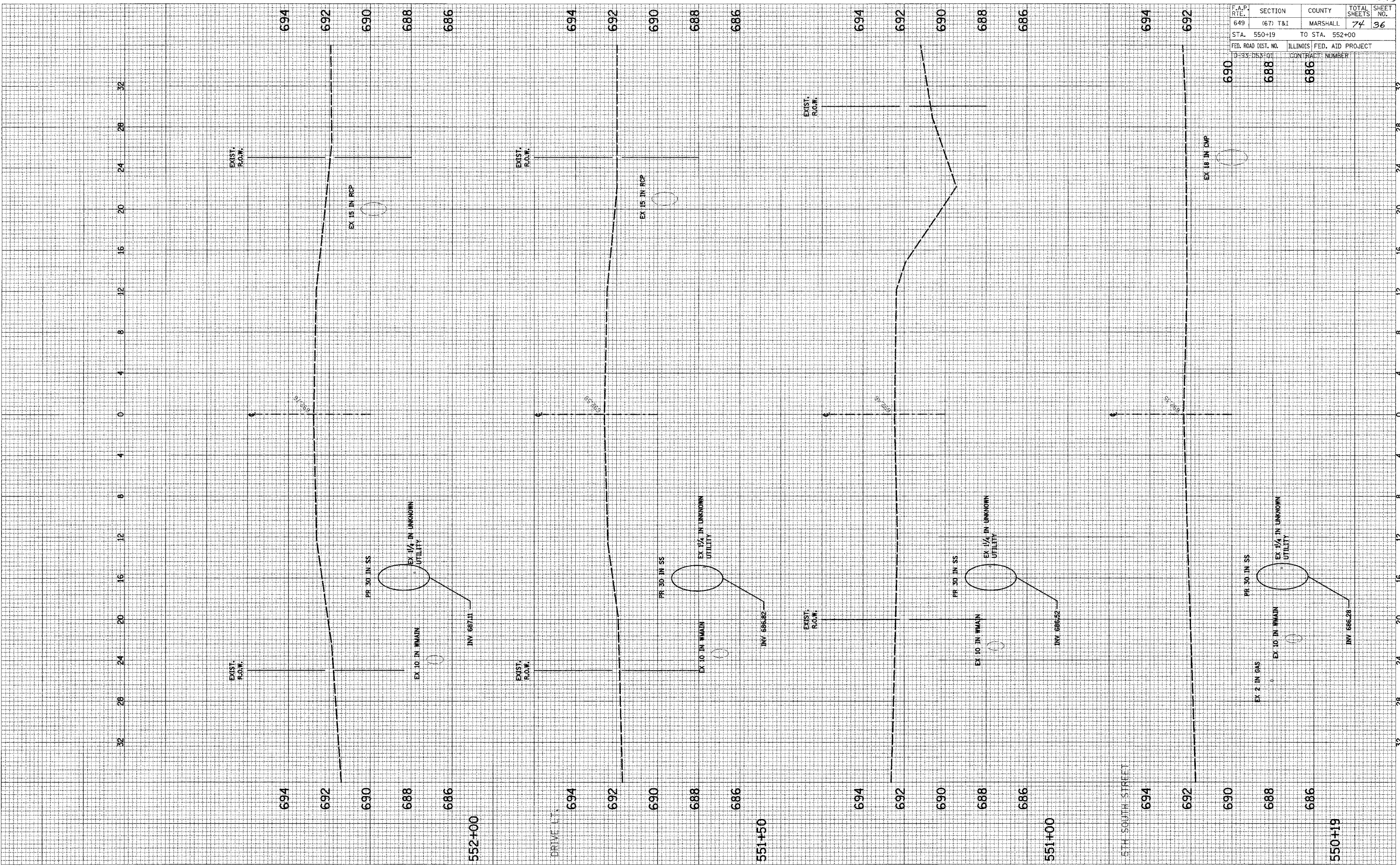


SCALE: HORIZ. 1"=40'
VERT. 1"=4'

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	36
STA. 550+19		TO STA. 552+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
D:33:053:01		CONTRACT NUMBER		

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

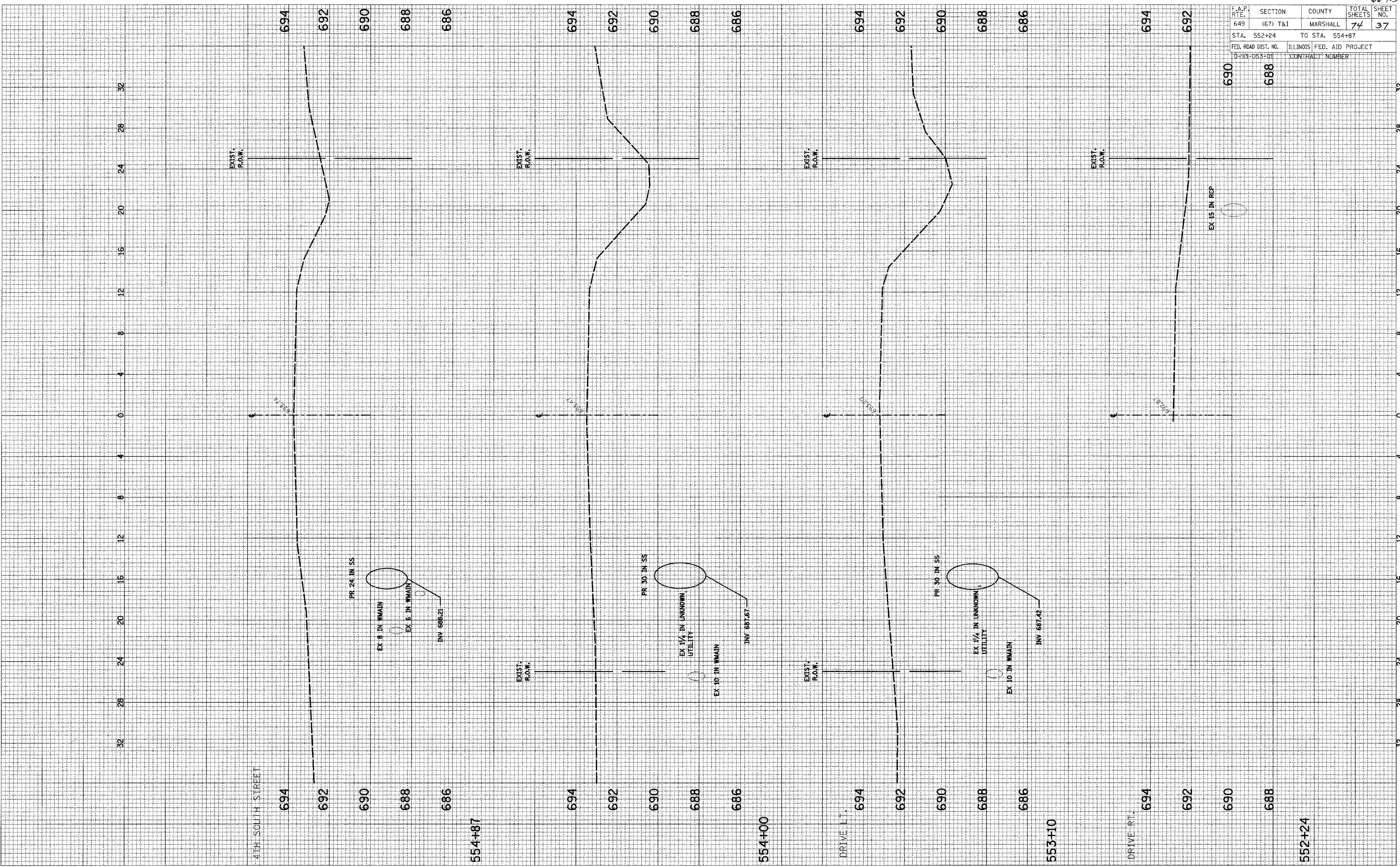
ORIGINAL SURVEY SURVEYED BY DATE
 PLOTTED BY DATE
 NOTE BOOK NO.
 AREAS CHECKED



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	37
STA. 552+24		TO STA. 554+87		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
D-93-053-01		CONTRACT NUMBER		

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

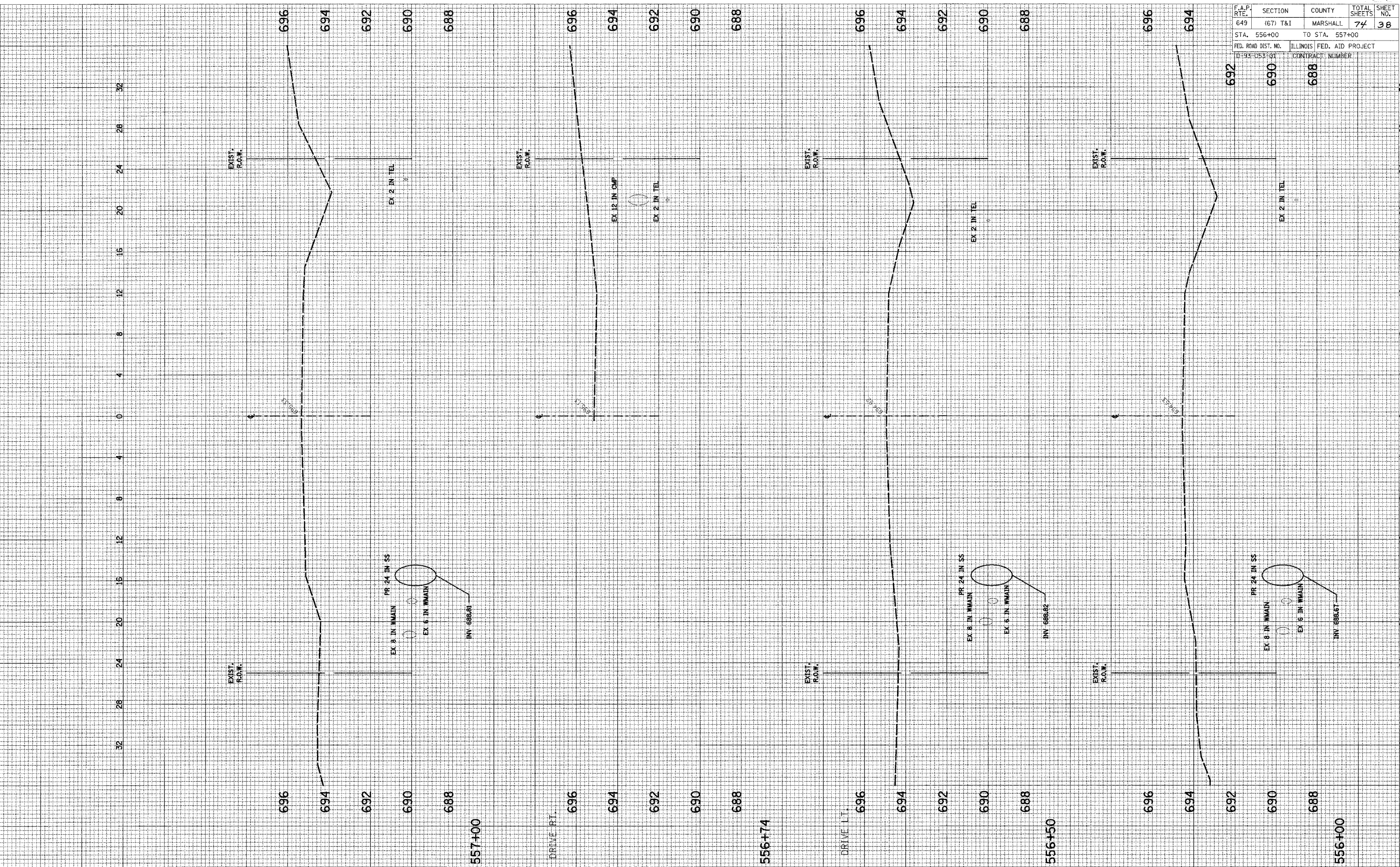
ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	38
STA. 556+00		TO STA. 557+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
D-93-053-01		CONTRACT NUMBER		
		688		

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

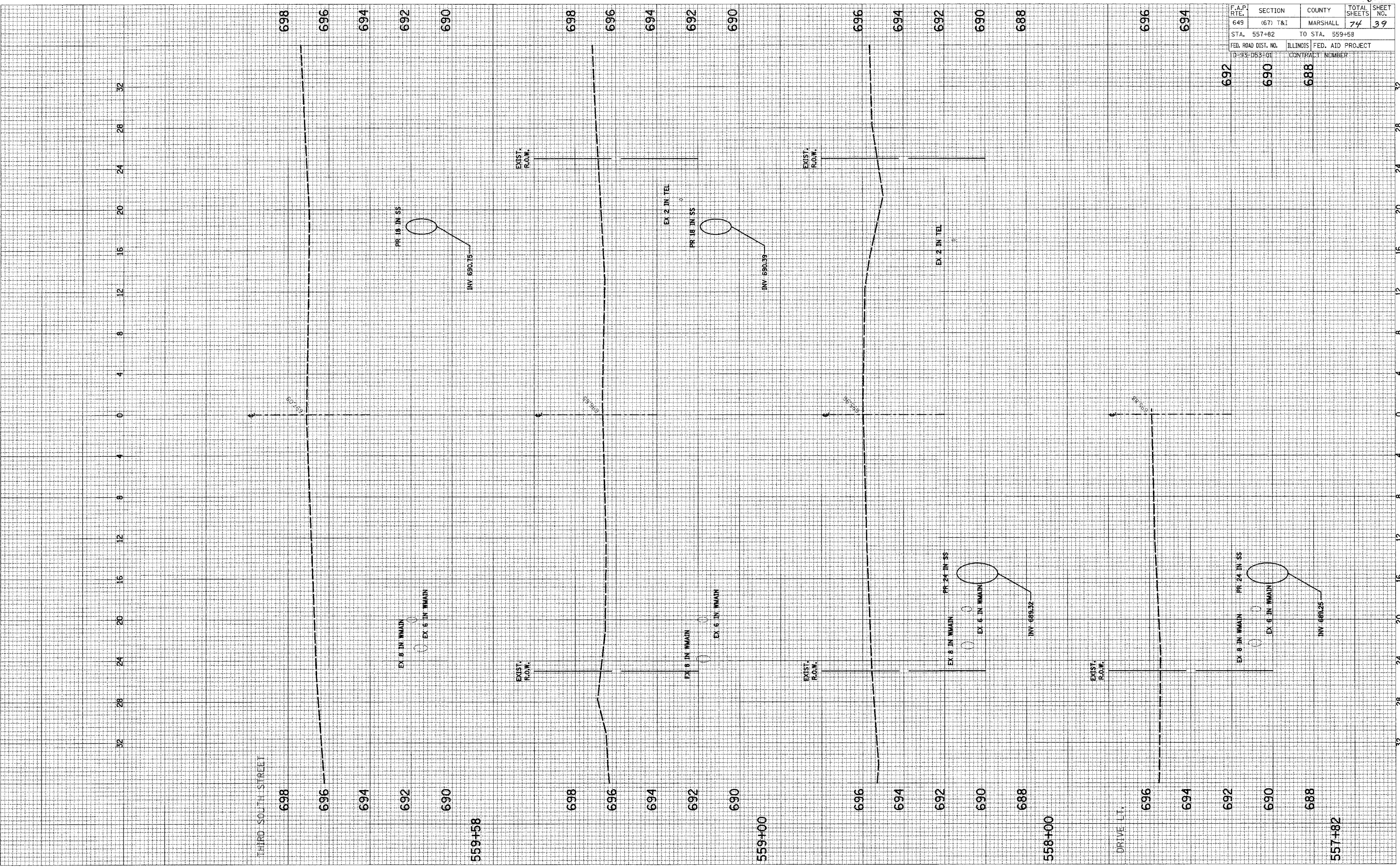
ORIGINAL SURVEY
 SURVEYED BY _____ DATE _____
 NOTE BOOK NO. _____
 TEMPLATE AREAS CHECKED _____



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	39
STA. 557+82		TO STA. 559+58		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
D-93-053-01		CONTRACT NUMBER		

FINAL SURVEY	DATE
CURVEY	BY
NOTE BOOK	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
CURVEY	BY
NOTE BOOK	
AREAS CHECKED	
NO.	

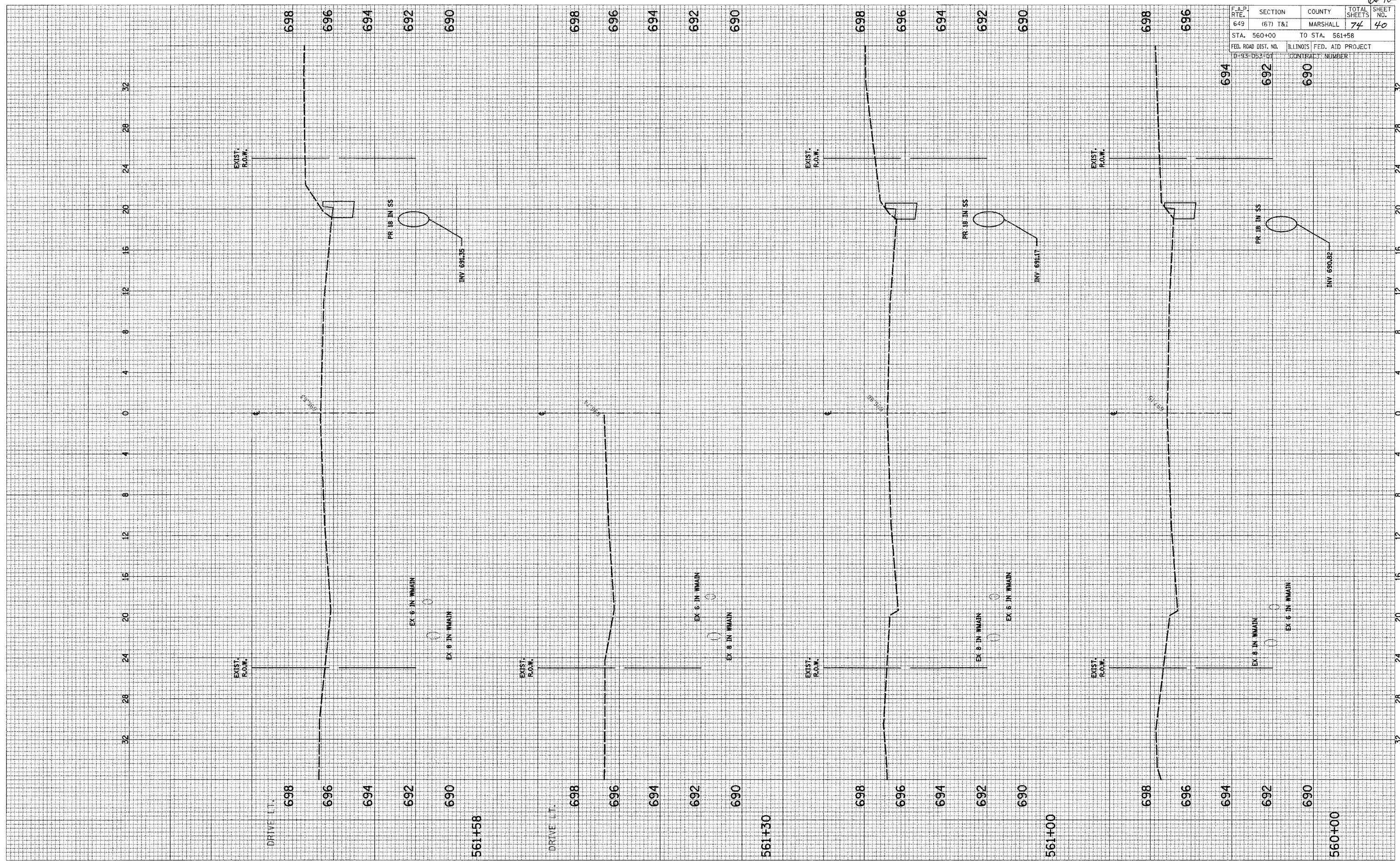


SCALE: HORIZ. 1/4" = 12' VERT. 1/2" = 12'

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	40
STA. 560+00		TO STA. 561+58		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
ID-93-053-01		CONTRACT NUMBER		

FINAL SURVEY	DATE
BY	
REVISIONS	
NO.	

ORIGINAL SURVEY	DATE
BY	
REVISIONS	
NO.	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	41
STA. 562+00		TO STA. 563+18		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
D-93-053-01		CONTRACT NUMBER		

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

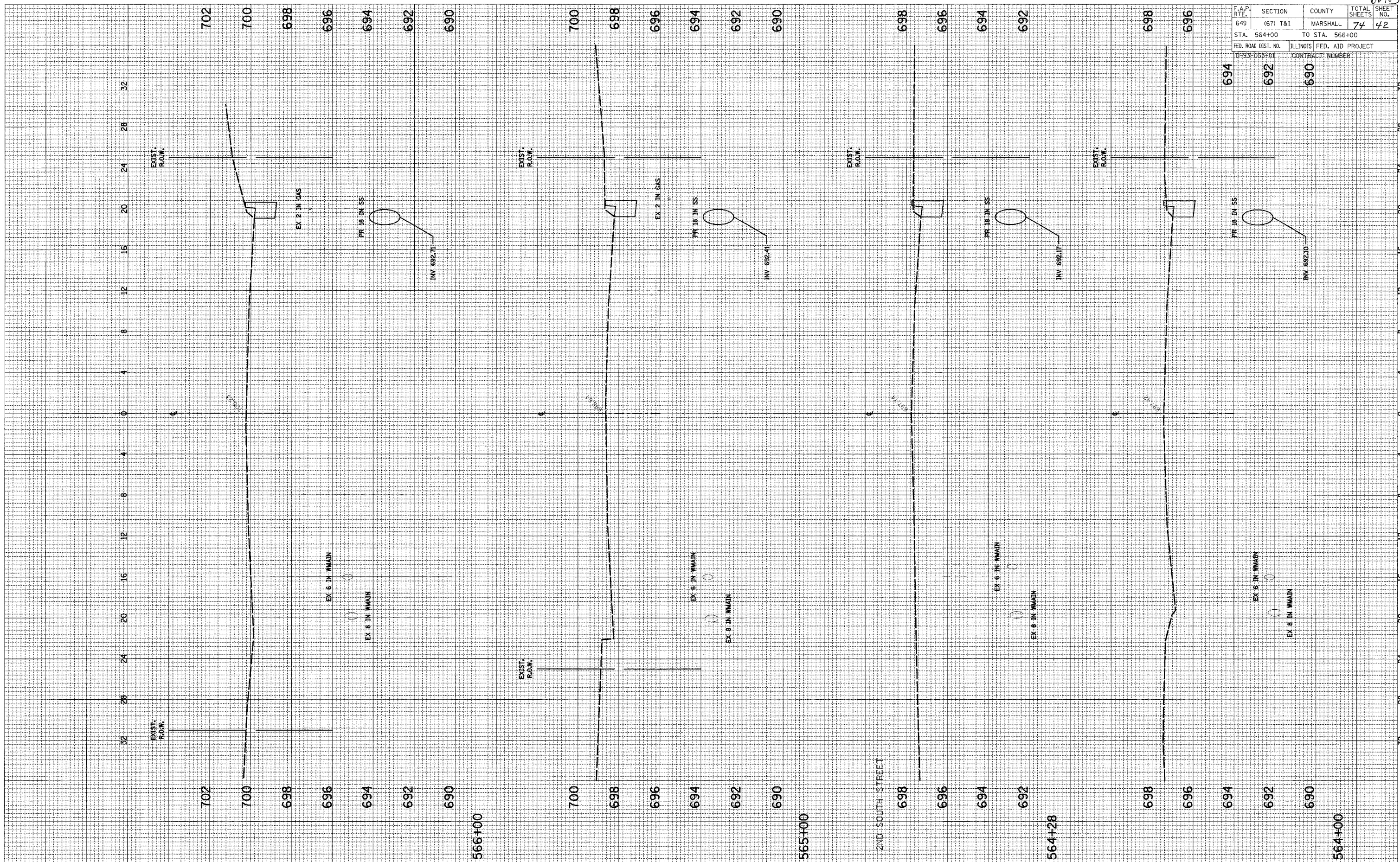
ORIGINAL SURVEY DATE
 SURVEY BY
 NOTE BOOK NO.
 TEMPLATE AREAS CHECKED
 AREAS CHECKED



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	42
STA. 564+00		TO STA. 566+00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
D-93-D53-01	CONTRACT NUMBER			

FINAL SURVEY	DATE
NO. _____	BY _____
NO. _____	BY _____
NO. _____	BY _____
NO. _____	BY _____

ORIGINAL SURVEY	DATE
NO. _____	BY _____
NO. _____	BY _____
NO. _____	BY _____
NO. _____	BY _____



IL RT. 17 (CHESTNUT STREET)

66423

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	43
STA. 567+00		TO STA. 569+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
D-93-D53-01		CONTRACT NUMBER		

FINAL SURVEY PLOTTED AREAS CHECKED

NO. _____

DATE _____

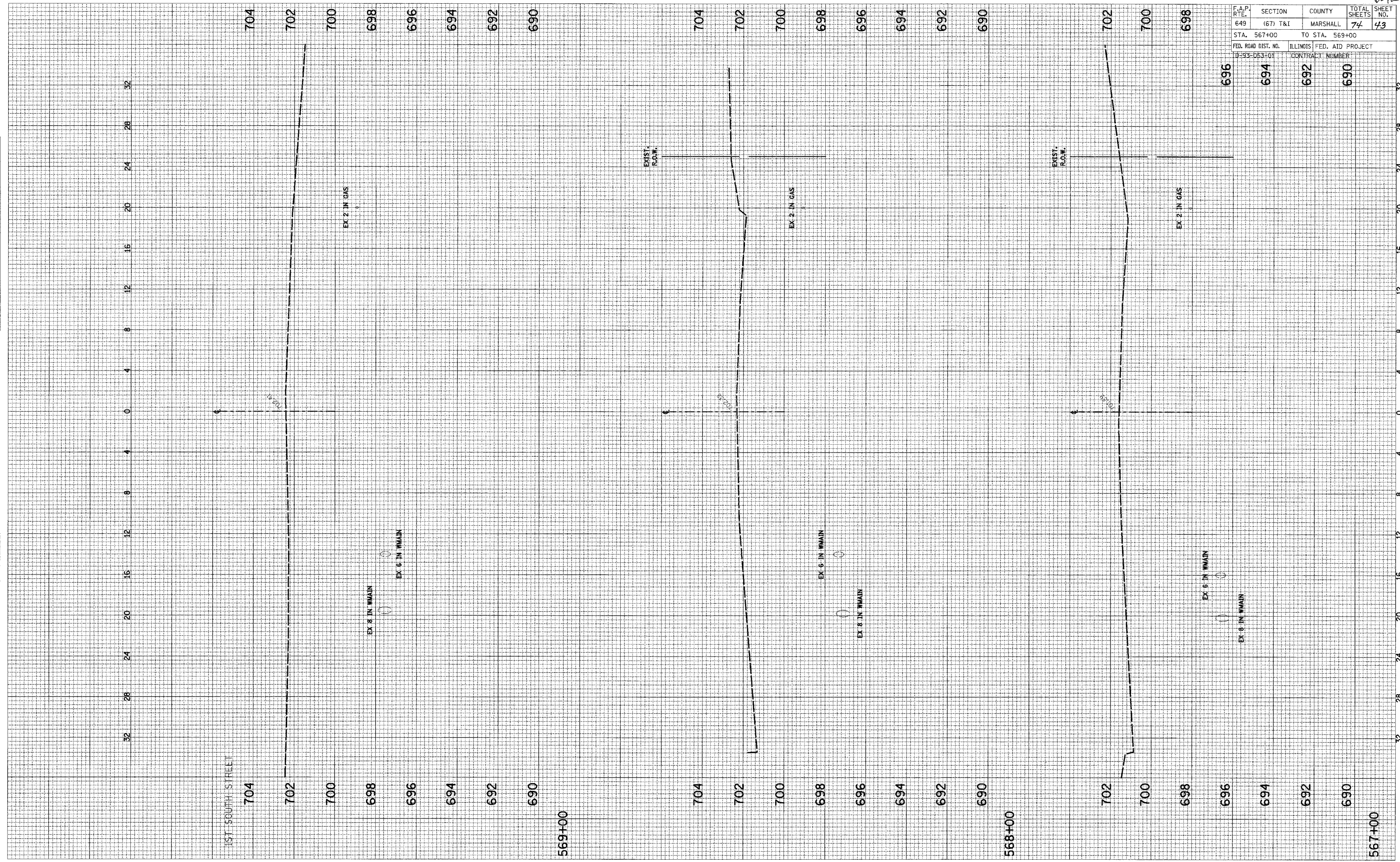
BY _____

ORIGINAL SURVEY PLOTTED AREAS CHECKED

NO. _____

DATE _____

BY _____



696	694	692	690
-----	-----	-----	-----

SCALE: HORIZ. 1:4
VERT. 1:2

IL RT. 17 (CHESTNUT STREET)

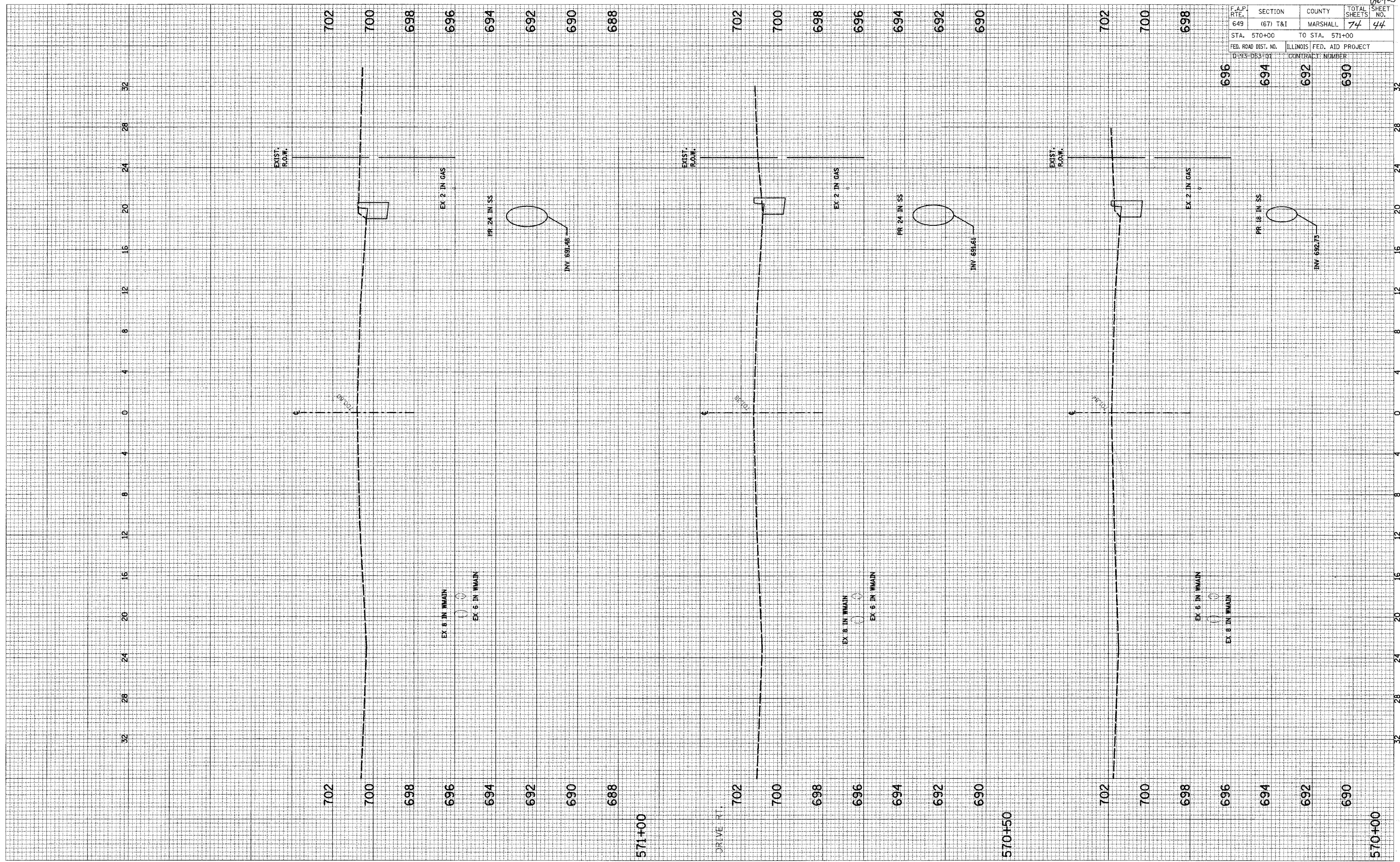
66403

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	44

STA. 570+00 TO STA. 571+00
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 D-93-053-01 CONTRACT NUMBER

DATE _____ BY _____
 REVISIONS
 NO. _____

DATE _____ BY _____
 REVISIONS
 NO. _____



SCALE: HORIZ. 1"=4'
 VERT. 1"=2'

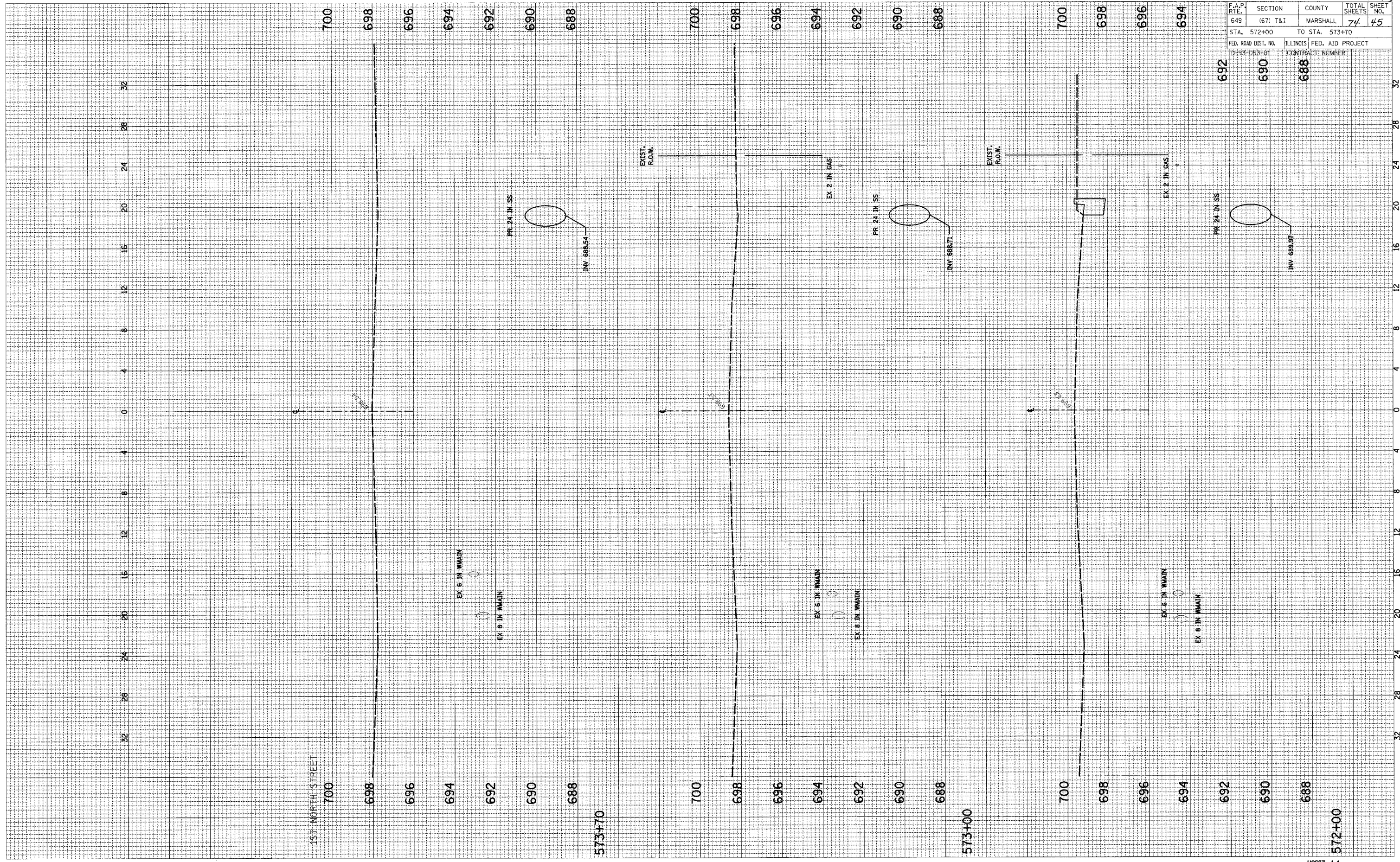
IL RT. 17 (CHESTNUT STREET)

66403

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET No.
649	(67) T&I	MARSHALL	74	45
STA. 572+00		TO STA. 573+70		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
D-93-D53-01		CONTRACT NUMBER		

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

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



SCALE: HORIZ. 1" = 40'
 VERT. 1" = 10'

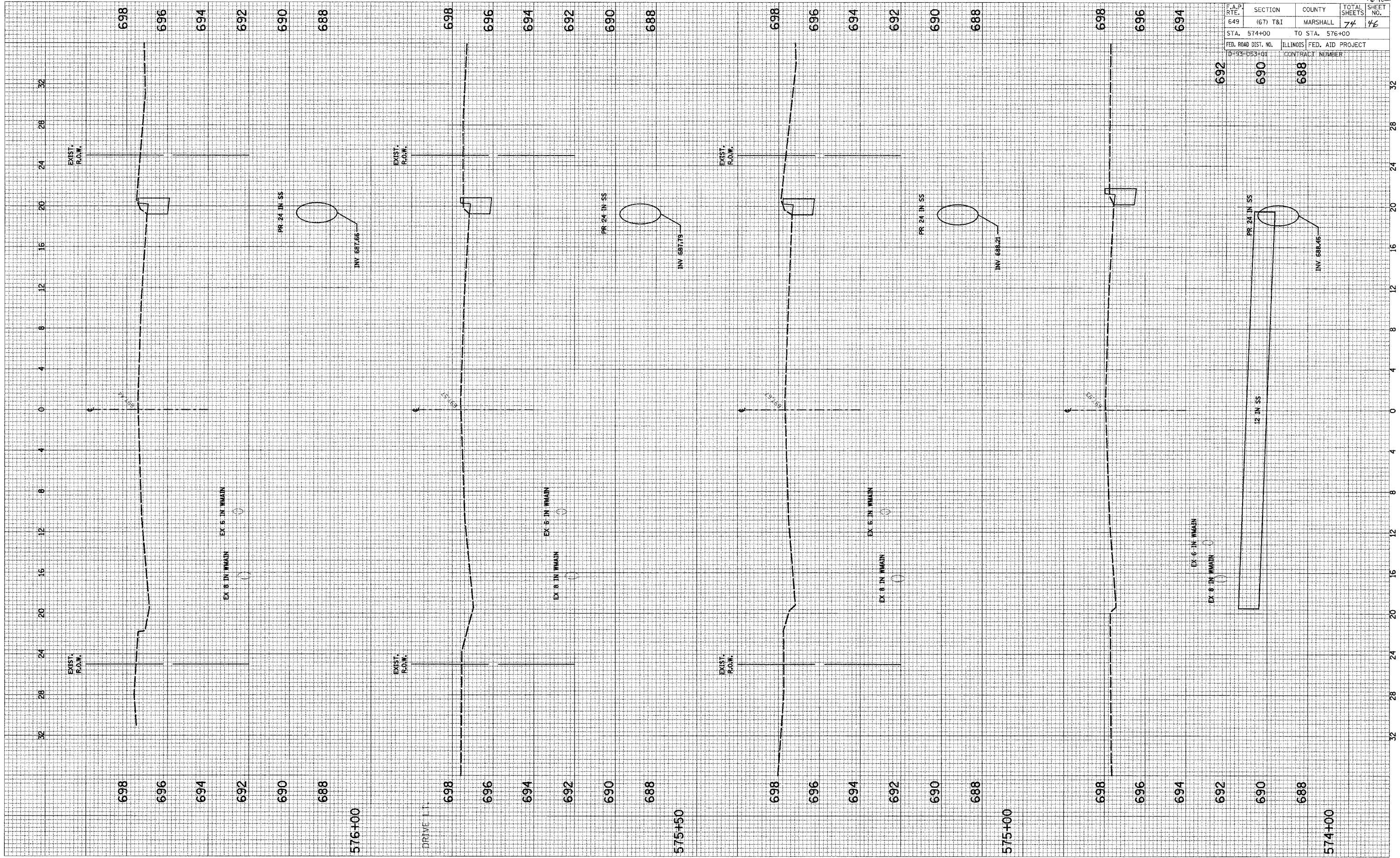
IL RT. 17 (CHESTNUT STREET)

Wohls

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	46
STA. 574+00		TO STA. 576+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
D-93-053-01		CONTRACT NUMBER		

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

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



SCALE: HORIZ. 1" = 40'
VERT. 1" = 4'

IL RT. 17 (CHESTNUT STREET)

10/10/03

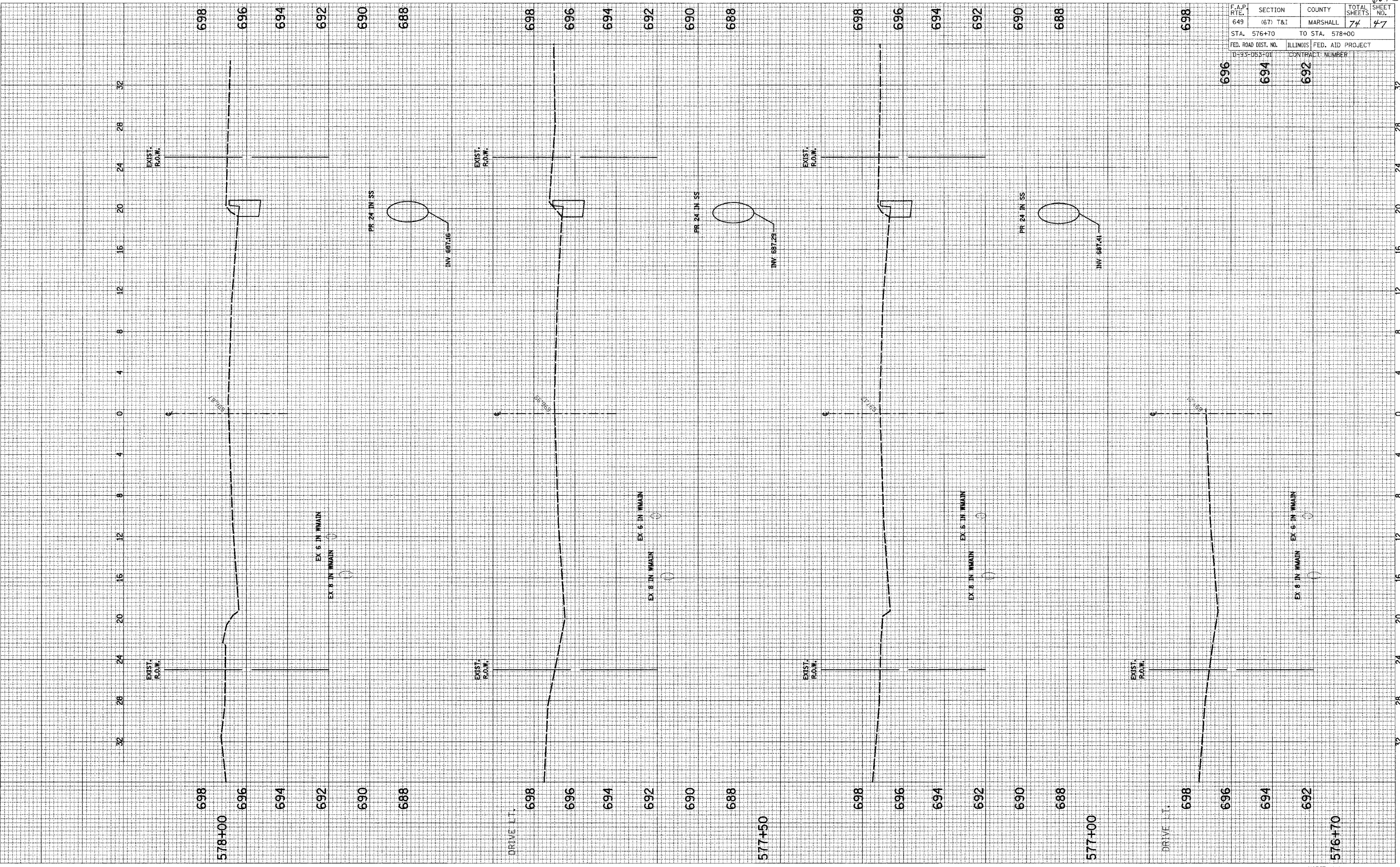
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	47
STA. 576+70		TO STA. 578+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
D-93-053-01		CONTRACT NUMBER		

FINAL SURVEY NO. _____ DATE _____ BY _____

SURVEYED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____

ORIGINAL SURVEY NO. _____ DATE _____ BY _____

SURVEYED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____



SCALE: HORIZ. 1/4" = 1' VERT. 1/2" = 1'

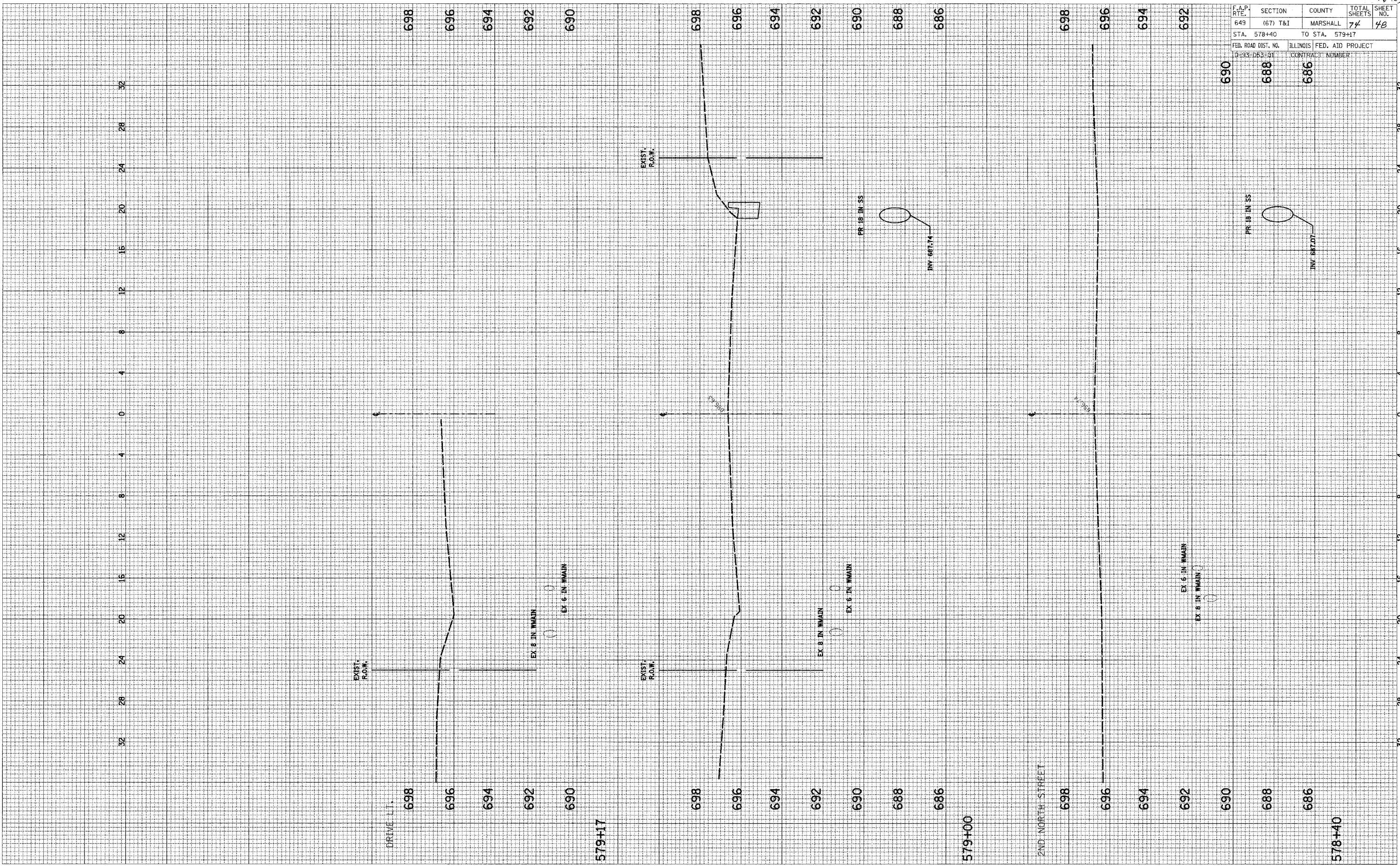
IL RT. 17 (CHESTNUT STREET)

60403

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	48
STA. 578+40		TO STA. 579+17		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
D-293-D53-01		CONTRACT NUMBER		

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

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



SCALE: HORIZ. 1/4" = 12' VERT. 1/2" = 12'

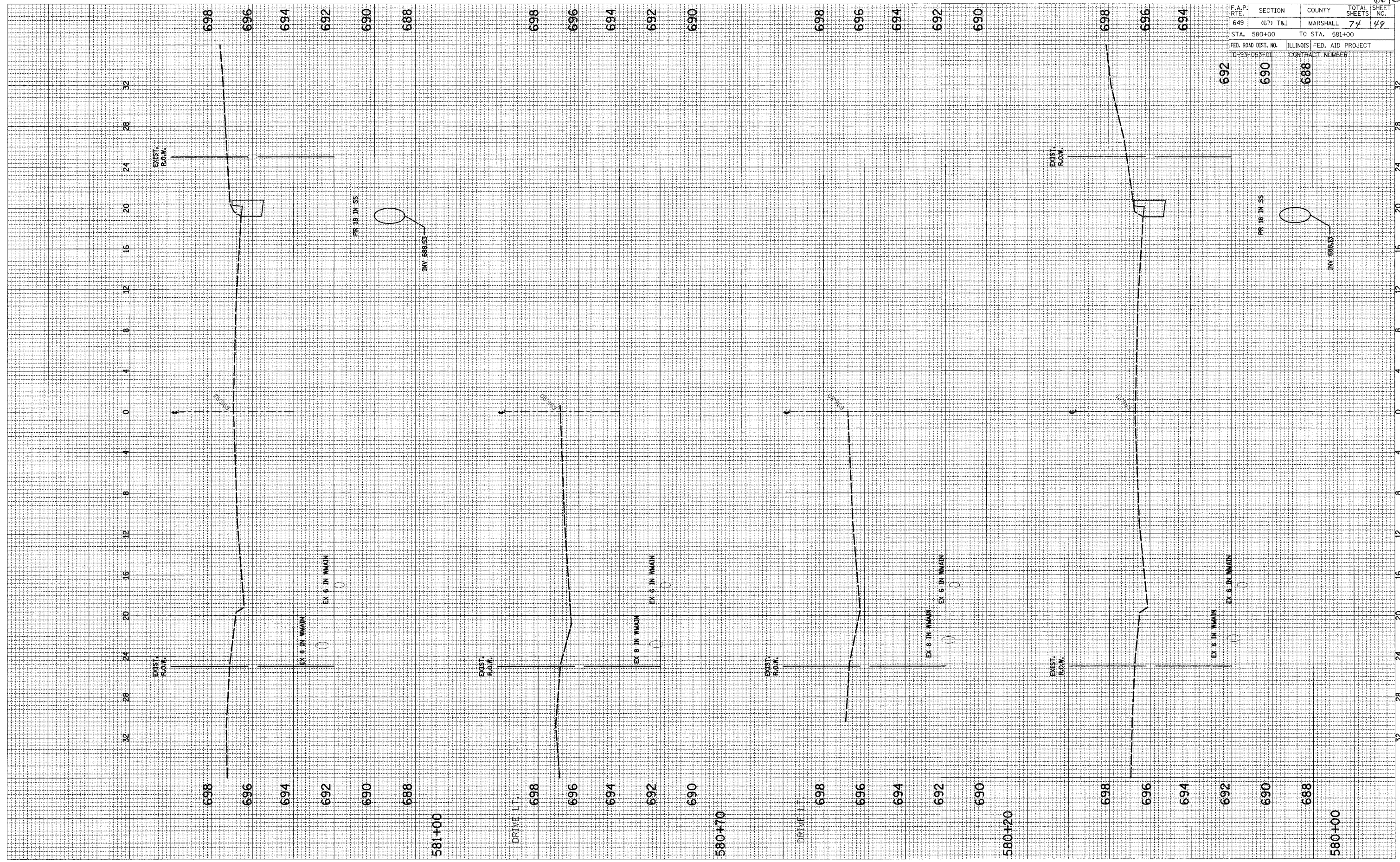
IL RT. 17 (CHESTNUT STREET)

604e3

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	49
STA. 580+00		TO STA. 581+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
D-93-053-01	CONTRACT NUMBER			

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

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

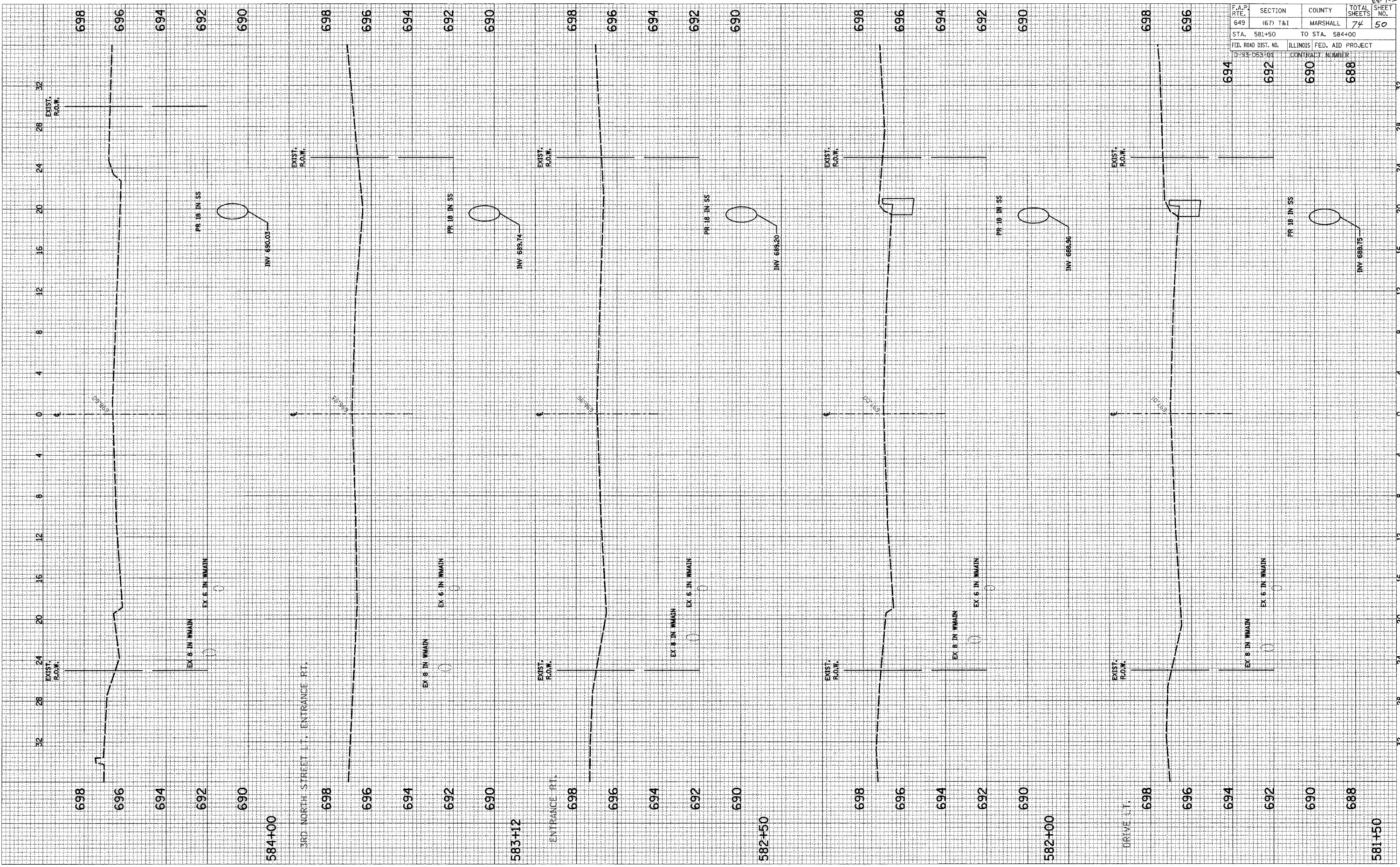


SCALE: HORIZ. 1"=40'
 VERT. 1"=4'

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	50
STA. 581+50	TO STA. 584+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
D-93-053-01	CONTRACT NUMBER			
694	692	690	688	

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

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



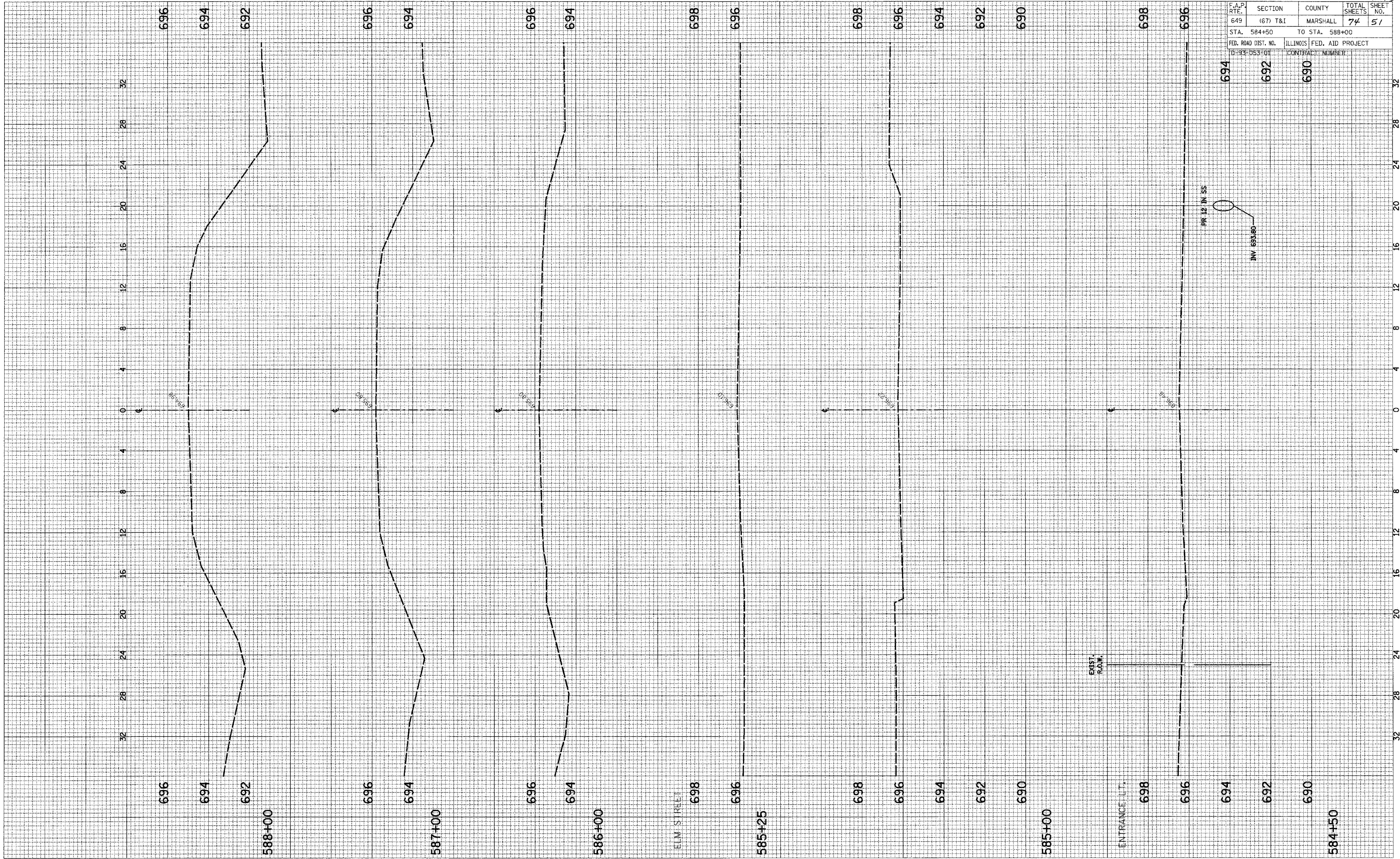
IL RT. 17 (CHESTNUT STREET)

6/10/03

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	51
STA. 584+50	TO STA. 588+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
D-93-053-01	CONTRACT NUMBER			

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

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



SCALE: HORIZ. 1/4
VERT. 1/2

2ND NORTH STREET STORM SEWER

66403

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	52
STA. 10+00		TO STA. 11+75		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
D-93-053-01		CONTRACT NUMBER		

FINAL SURVEY
 SURVEYED
 PLOTTED
 NOTE BOOK
 AREAS CHECKED
 BY
 DATE

ORIGINAL SURVEY
 SURVEYED
 PLOTTED
 NOTE BOOK
 AREAS CHECKED
 BY
 DATE



SCALE: HORIZ. 1/4" = 1'-0"
 VERT. 1/2" = 1'-0"

2ND NORTH STREET STORM SEWER

66403

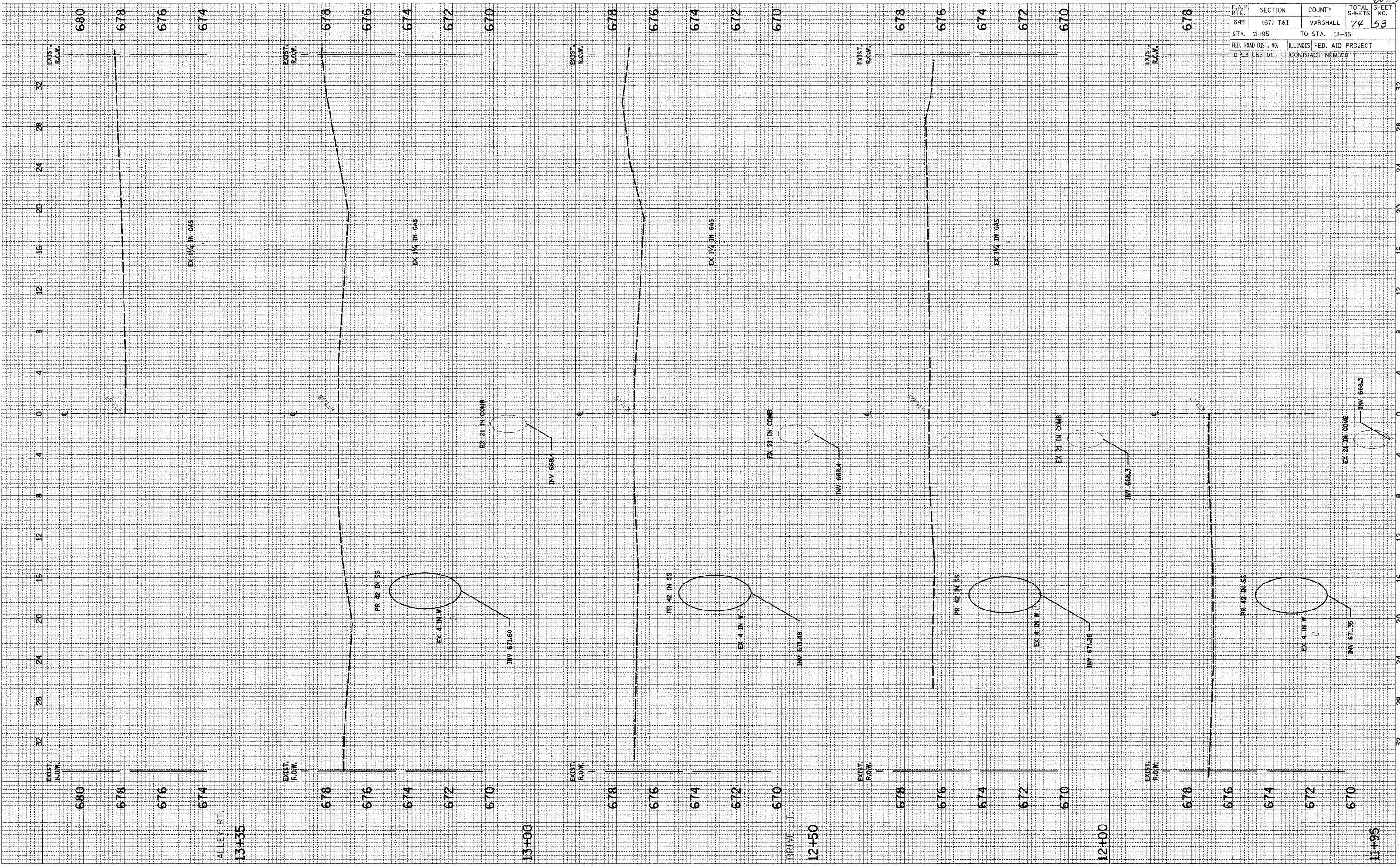
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	53
STA. 11+95		TO STA. 13+35		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
D 193 053 01		CONTRACT NUMBER		

FINAL SURVEY SURVEYED PLOTTED NOTE BOOK AREAS CHECKED

BY: _____ DATE: _____

ORIGINAL SURVEY SURVEYED PLOTTED NOTE BOOK AREAS CHECKED

BY: _____ DATE: _____



SCALE: HORIZ. 1/4 VERT. 1/2

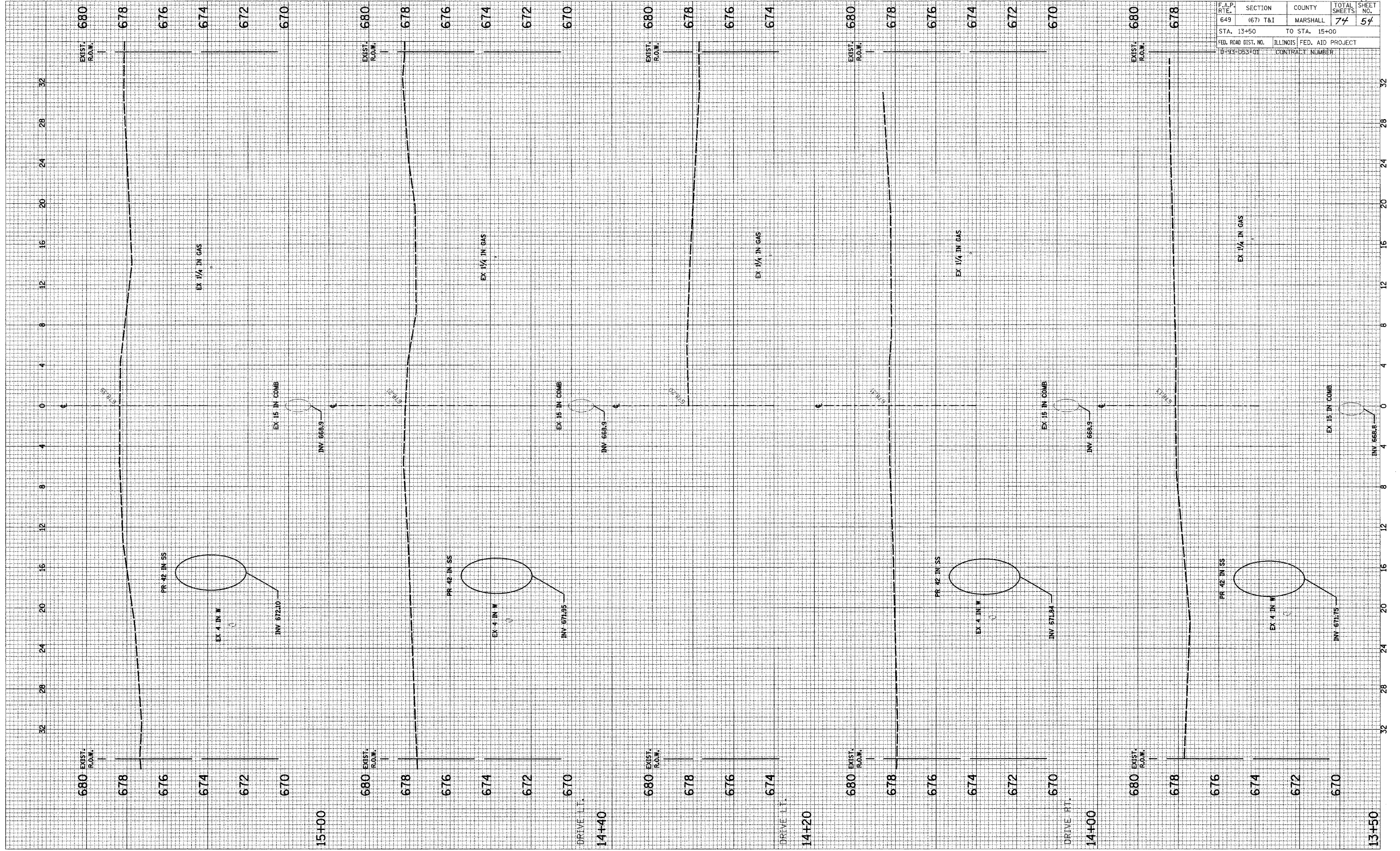
2ND NORTH STREET STORM SEWER

6/20/03

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	54
STA. 13+50		TO STA. 15+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
10-93-053+01		CONTRACT NUMBER		

FINAL SURVEY PLOTTED AREAS CHECKED

ORIGINAL SURVEY PLOTTED AREAS CHECKED



SCALE: HORIZ. 1"=4' VERT. 1"=2'

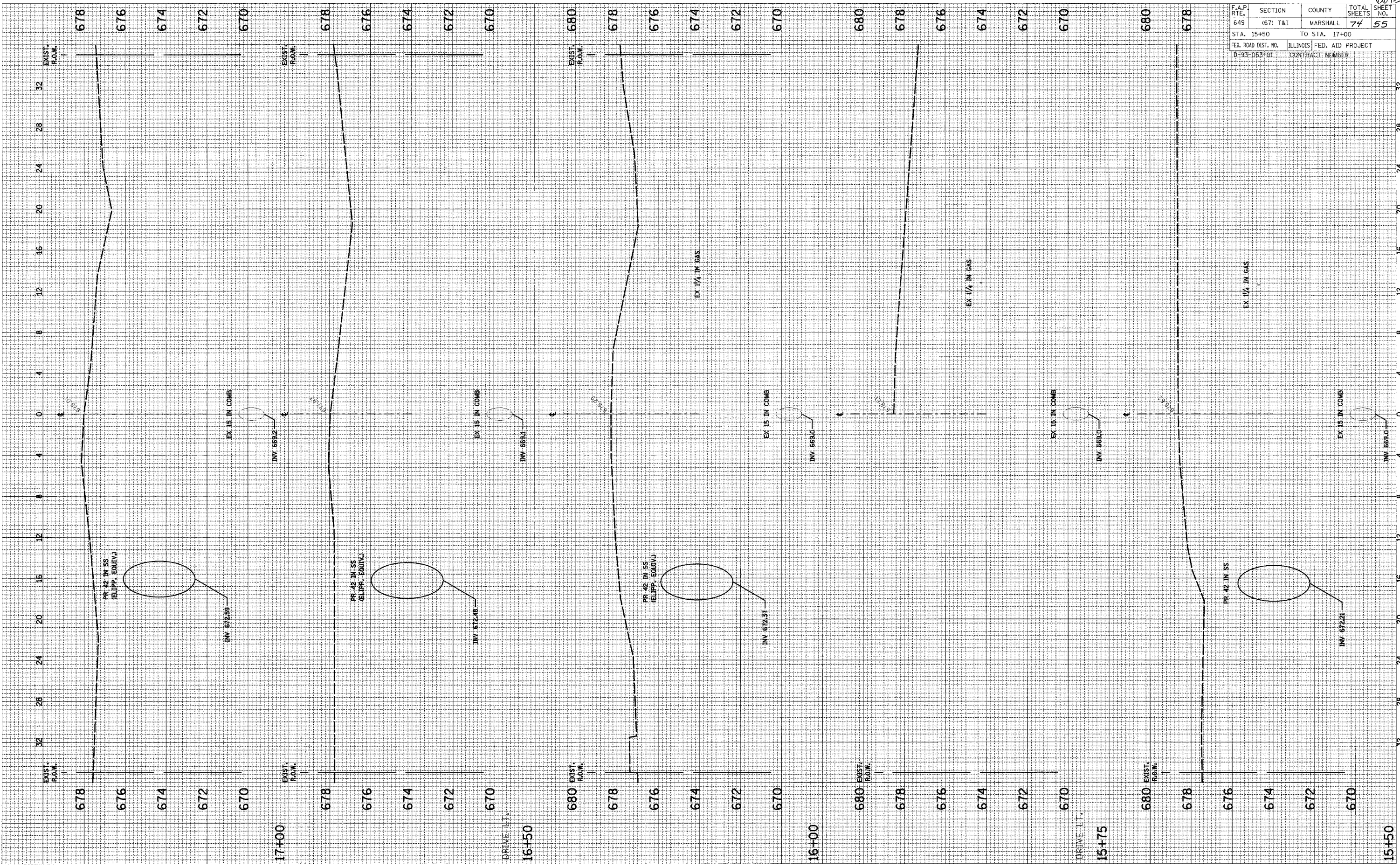
2ND NORTH STREET STORM SEWER

660403

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	55
STA. 15+50		TO STA. 17+00		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT
D-93-053-01		CONTRACT NUMBER		

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

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



SCALE: HORIZ. 1"=4'
VERT. 1"=2'

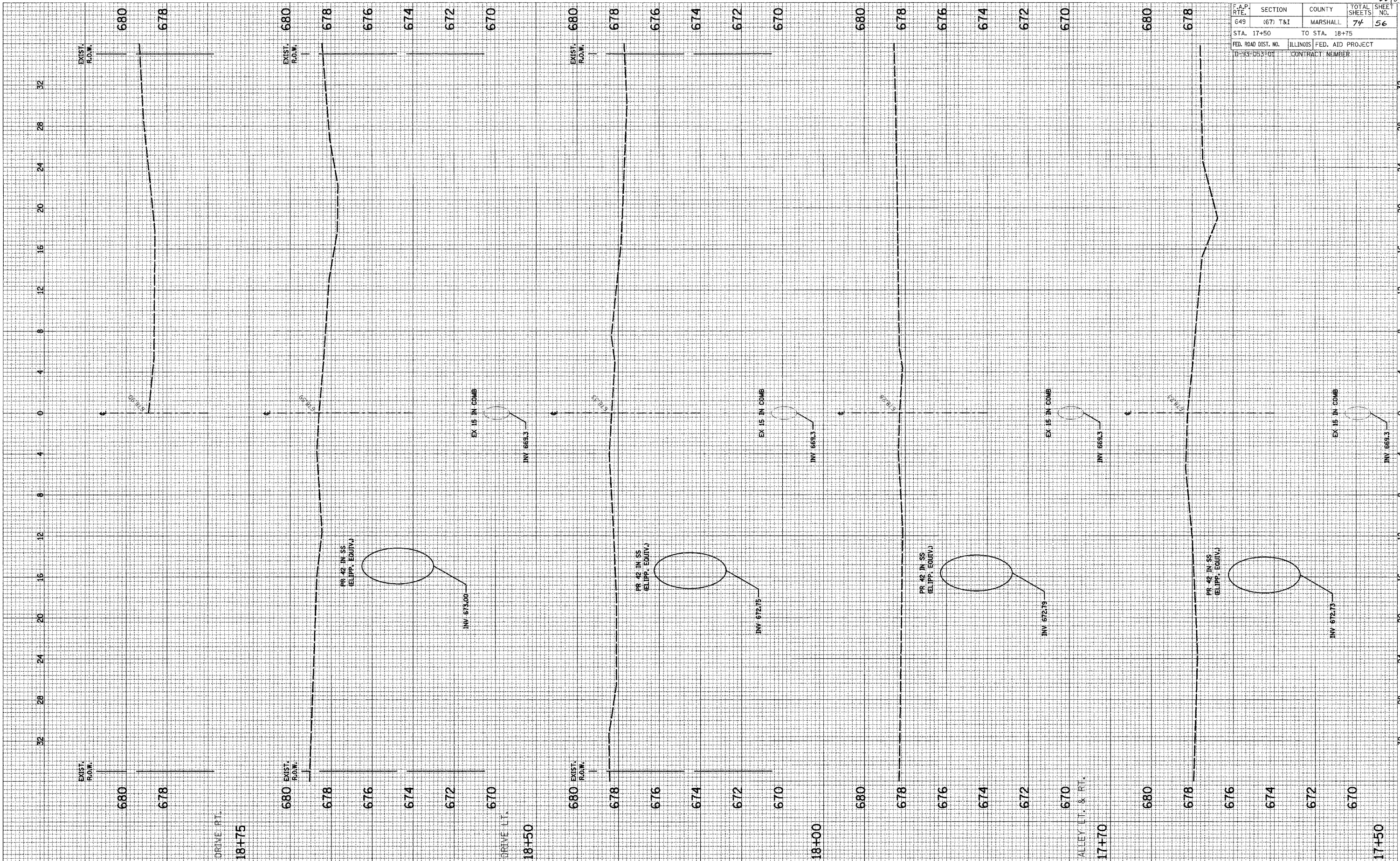
2ND NORTH STREET STORM SEWER

66403

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	56
STA. 17+50	TO STA. 18+75			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
D-93-05590T	CONTRACT NUMBER			

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

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



SCALE: HORIZ. 1/4" = 1'-0"
VERT. 1/2" = 1'-0"

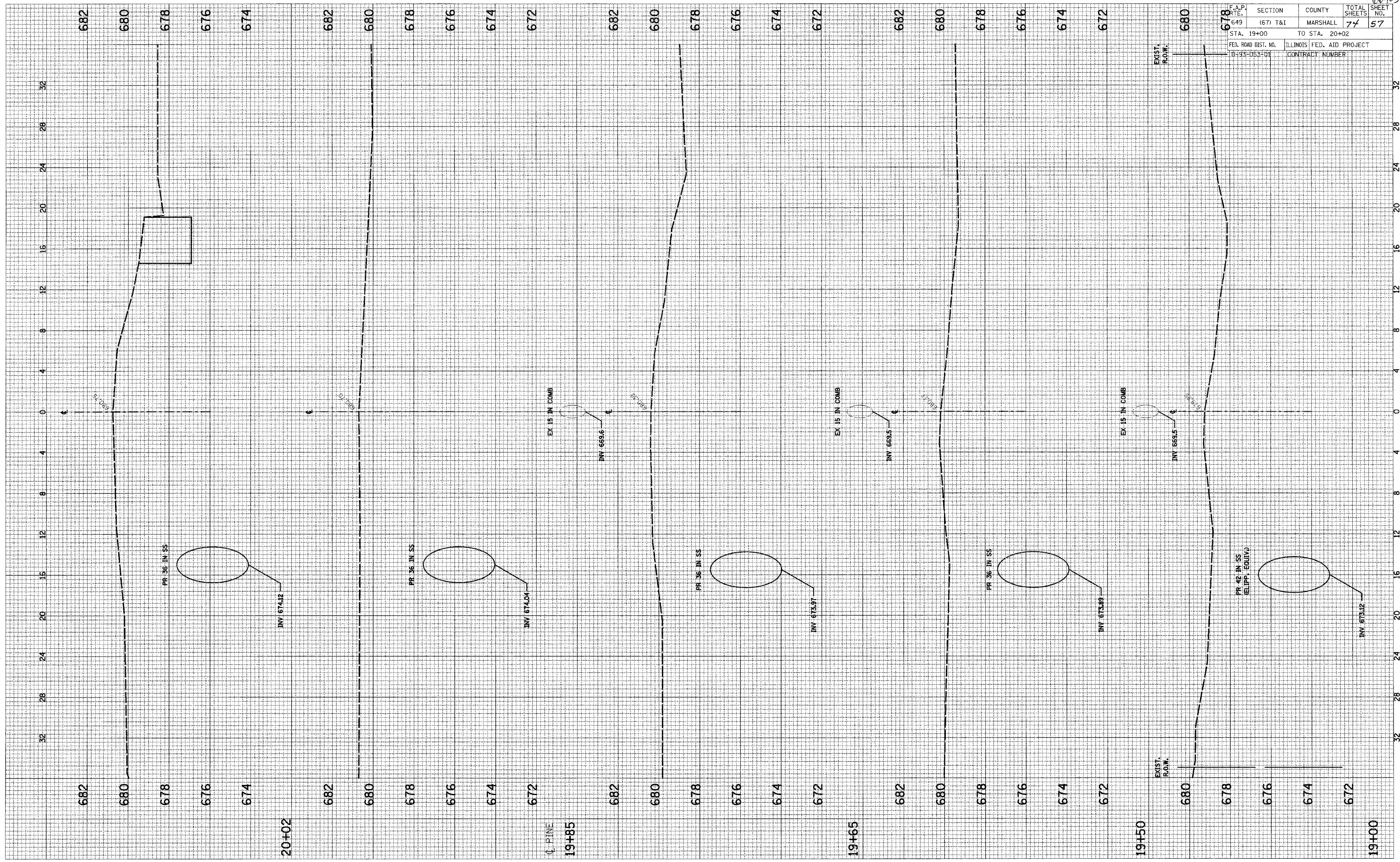
2ND NORTH STREET STORM SEWER

6/4/03

F.A.P. SITE: 649	SECTION: (67) T&I	COUNTY: MARSHALL	TOTAL SHEETS: 74	SHEET NO.: 57
STA. 19+00		TO STA. 20+02		
FED. ROAD DIST. NO. D-93-053-01		ILLINOIS FED. AID PROJECT (CONTRACT) NUMBER		

FINAL SURVEY PLOTTED TEMPLATE AREAS CHECKED

ORIGINAL SURVEY PLOTTED TEMPLATE AREAS CHECKED



SCALE: HORIZ. 1"=4'
VERT. 1"=2'

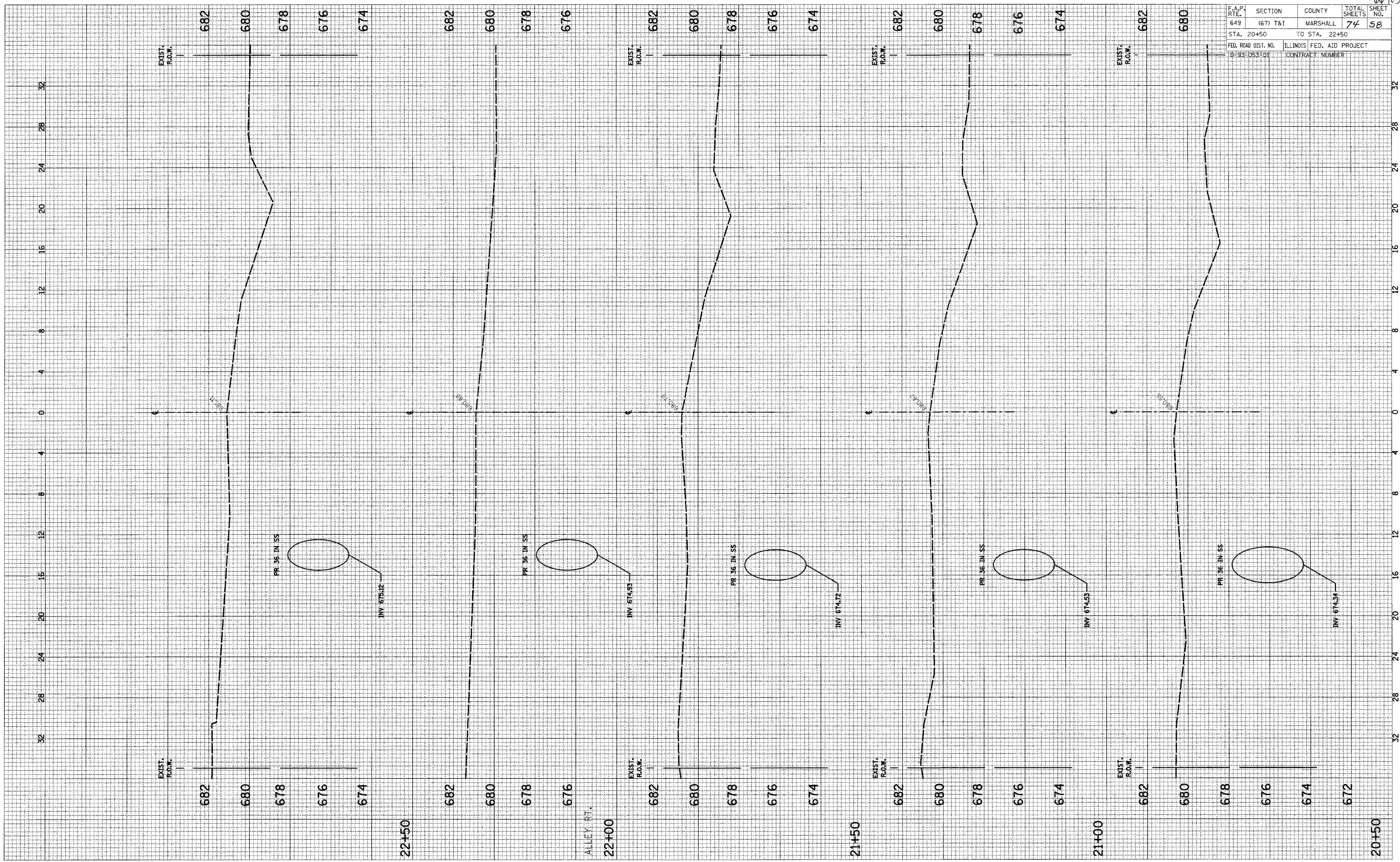
2ND NORTH STREET STORM SEWER

10403

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	58
STA. 20+50		TO STA. 22+50		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
D-93-053-01	CONTRACT NUMBER			

FINAL SURVEY PLOTTED
NOTE BOOK AREAS CHECKED
NO.

ORIGINAL SURVEY PLOTTED
NOTE BOOK AREAS CHECKED
NO.



SCALE: HORIZ. 1"=4'
VERT. 1"=2'

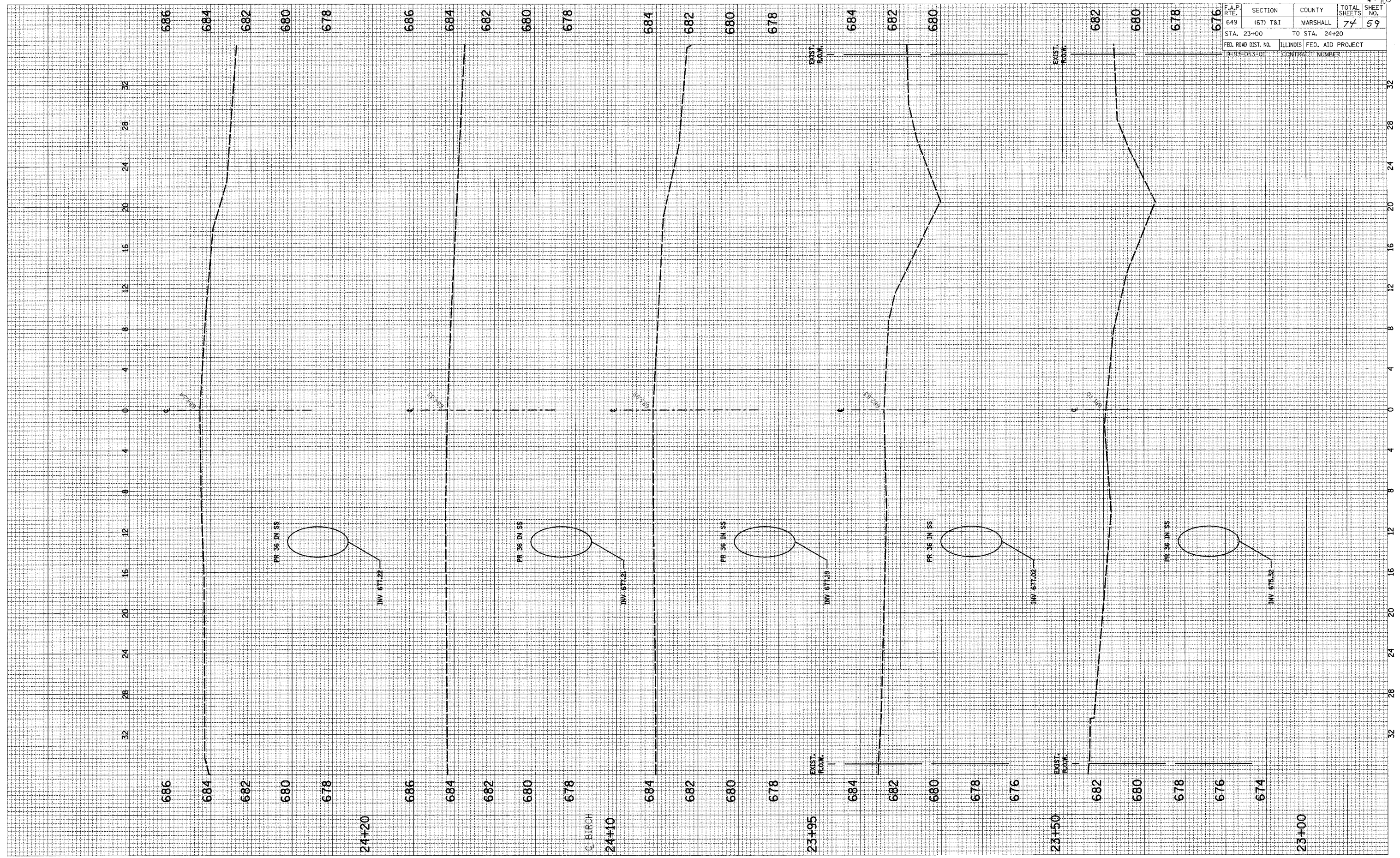
2ND NORTH STREET STORM SEWER

6043

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	59
STA. 23+00		TO STA. 24+20		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
19-93-053-01		CONTRACT NUMBER		



SCALE: HORIZ. 1"=4'
 VERT. 1"=2'

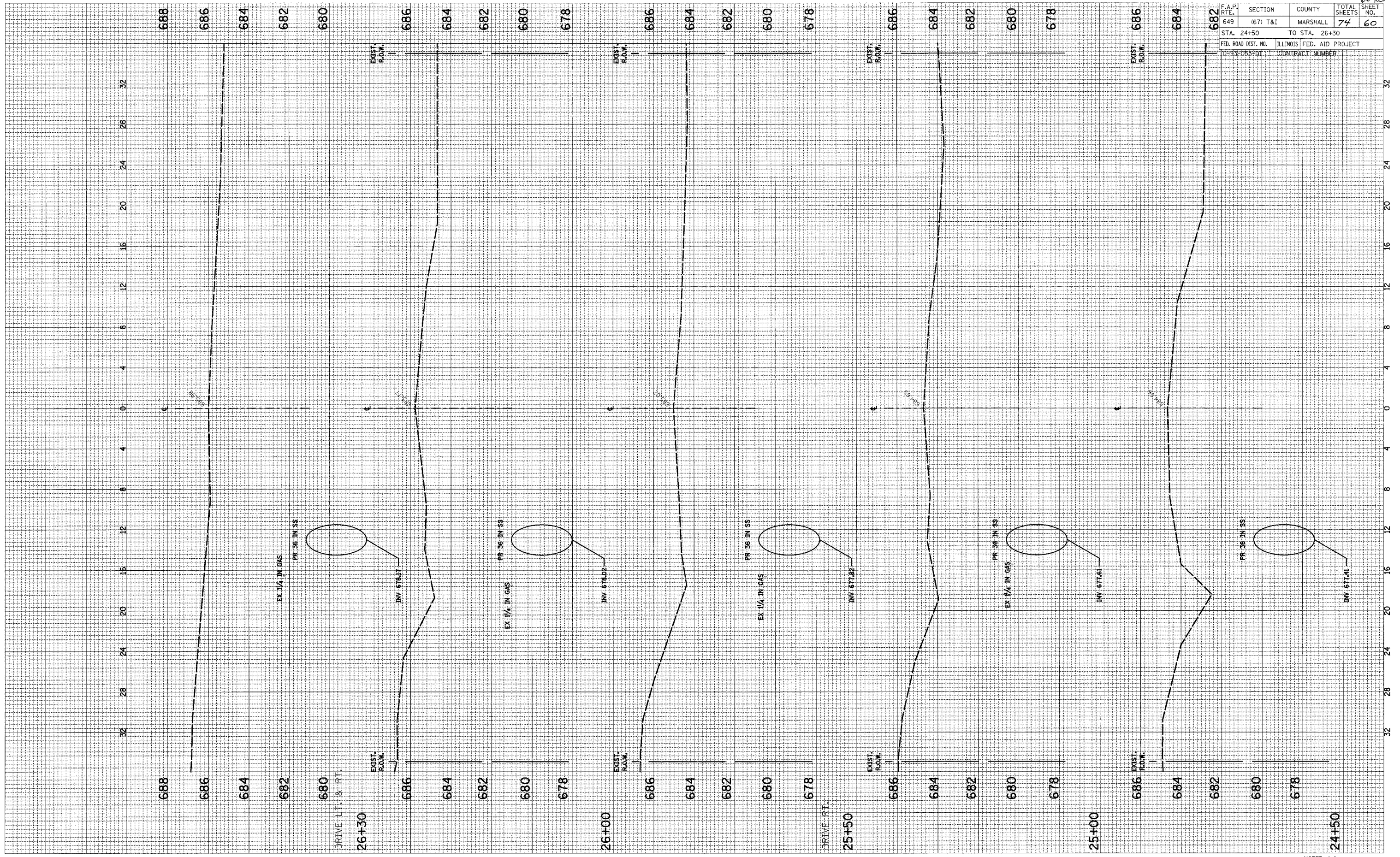
2ND NORTH STREET STORM SEWER

66463

F.A.P. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	60
STA. 24+50		TO STA. 26+30		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
0-93-053-01		CONTRACT NUMBER		

FINAL SURVEY	SUBMITTED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SUBMITTED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		



SCALE: HORIZ. 1"=4' VERT. 1"=2'

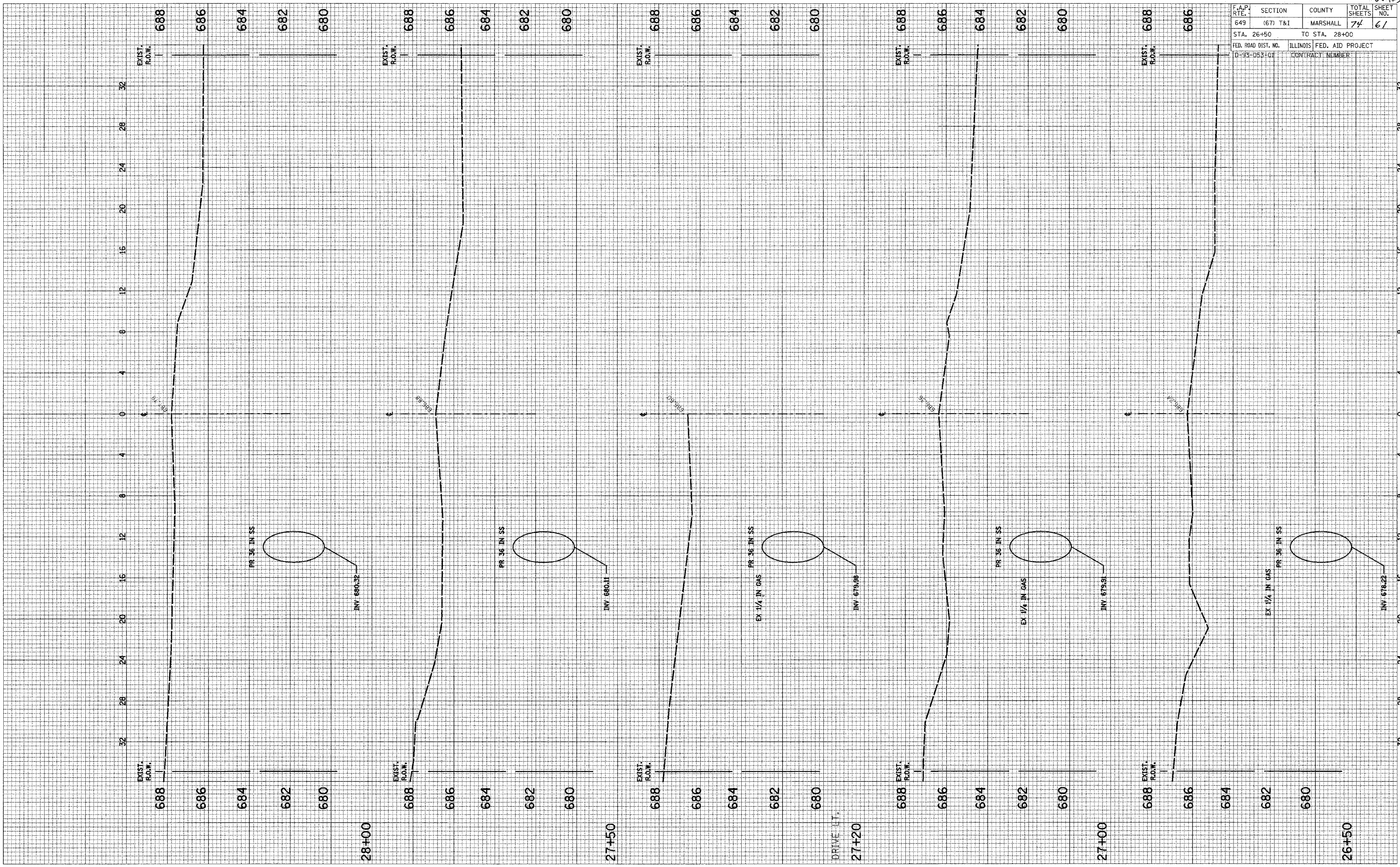
2ND NORTH STREET STORM SEWER

10/03

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	61
STA. 26+50		TO STA. 28+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
D-93-053-01	CONTRACT NUMBER			

FINAL SURVEY	BY	DATE
SURVEY		
NOTE BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEY		
NOTE BOOK		
AREAS CHECKED		
NO.		



SCALE: HORIZ. 1/4" = 1' VERT. 1/2" = 1'

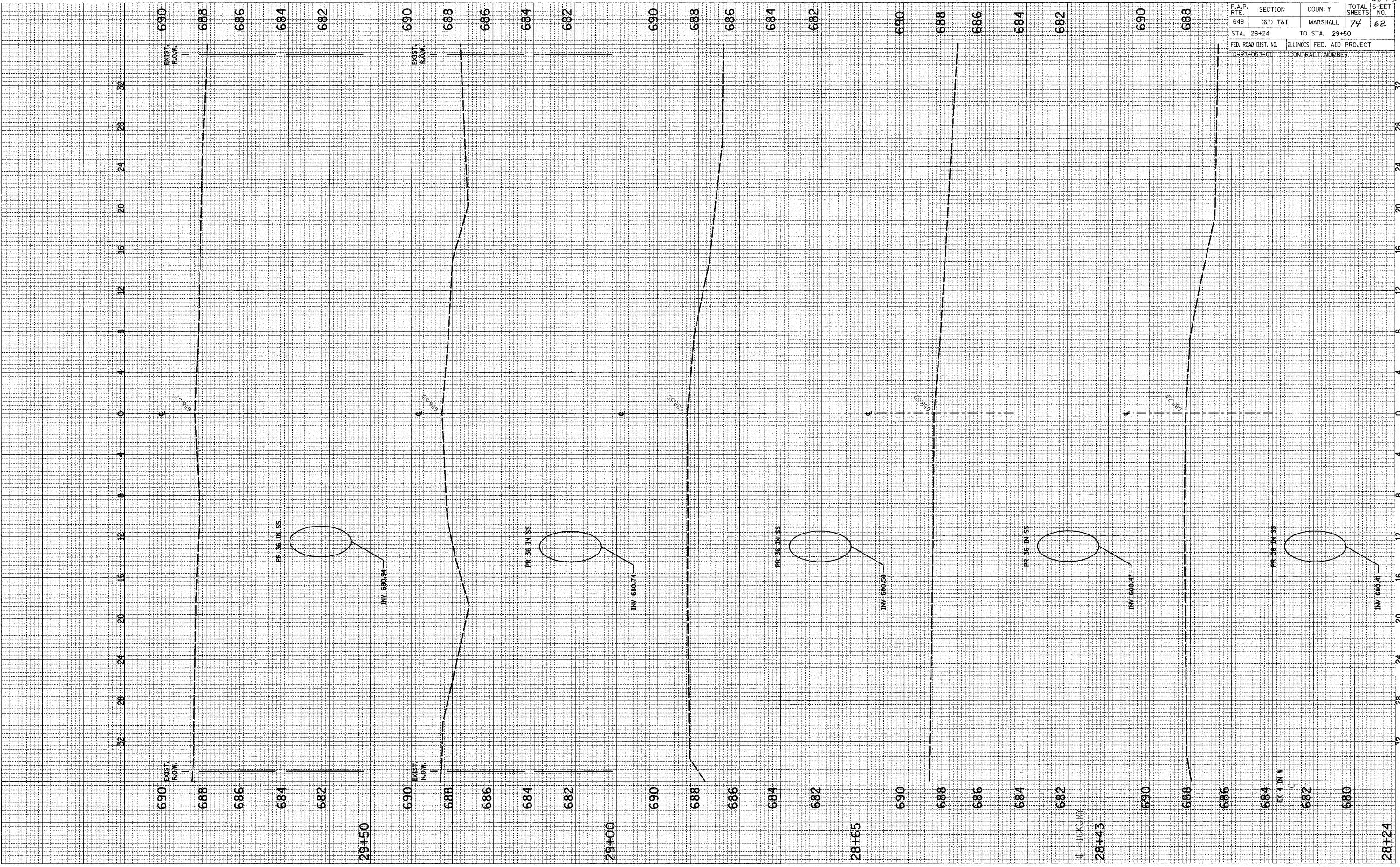
2ND NORTH STREET STORM SEWER

6/10/03

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	62
STA. 28+24		TO STA. 29+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
D-93-053-01		CONTRACT NUMBER		

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

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



SCALE: HORIZ. 1"=4'
VERT. 1"=2'

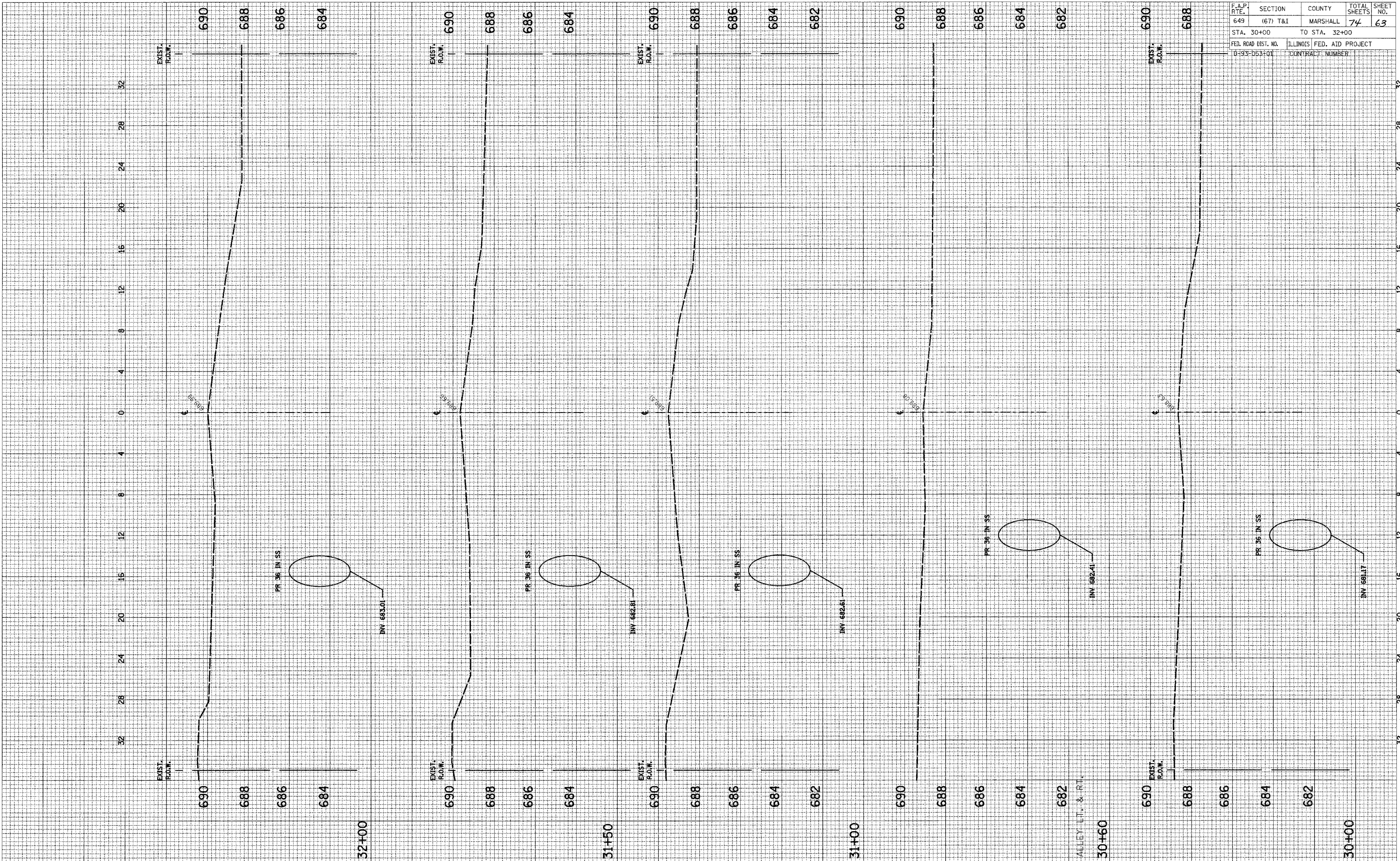
2ND NORTH STREET STORM SEWER

6/20/03

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	63
STA. 30+00	TO STA. 32+00			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
D-93-053+01	CONTRACT NUMBER			

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

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



SCALE: HORIZ. 1/4" = 1'-0" VERT. 1/2" = 1'-0"

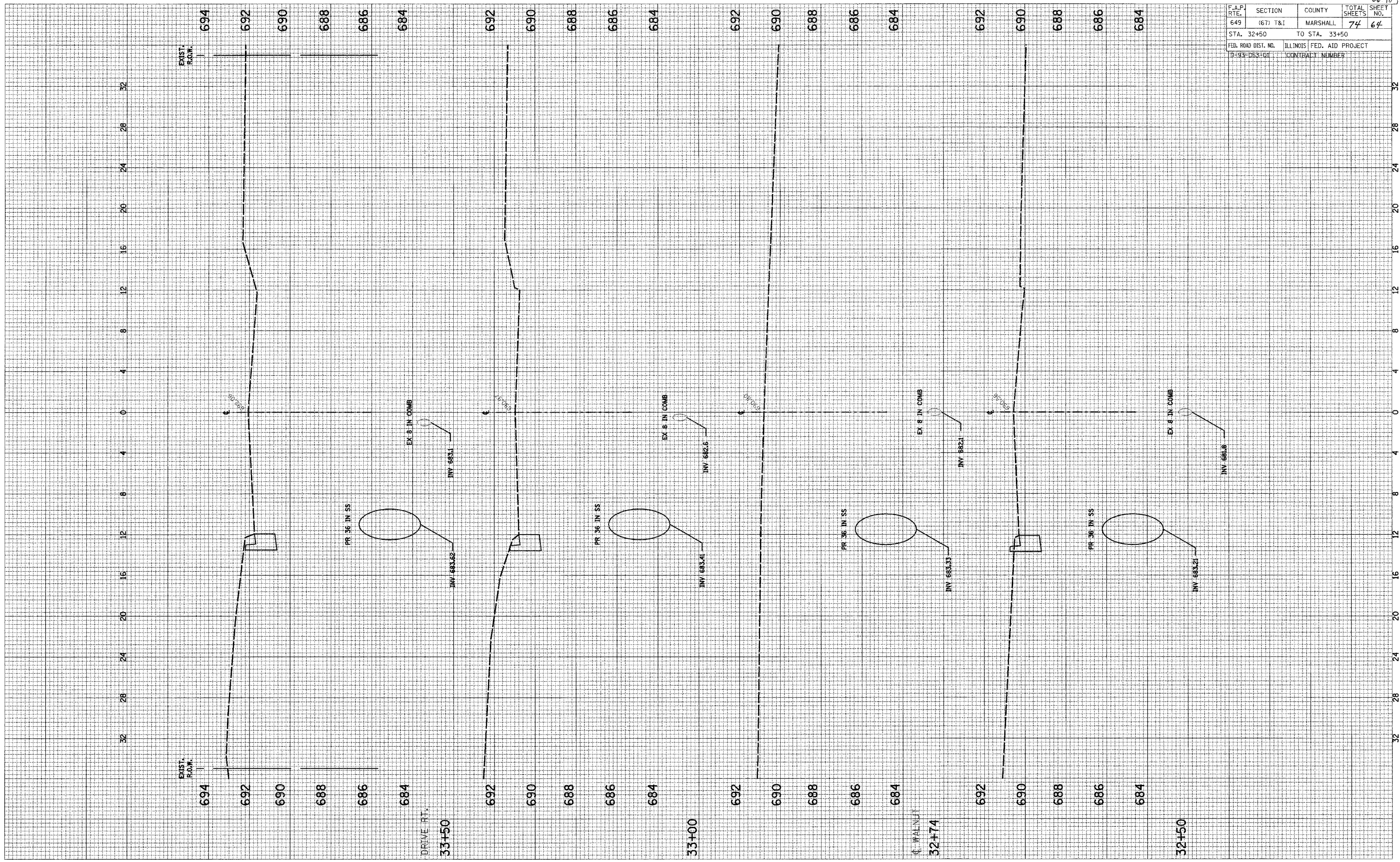
2ND NORTH STREET STORM SEWER

66409

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	64
STA. 32+50		TO STA. 33+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
D-93-053-01		CONTRACT NUMBER		

FINAL SURVEY
 CORRECTED
 PLOTTED
 TEMPLATE
 NOTE BOOK
 AREAS
 CHECKED

ORIGINAL SURVEY
 CORRECTED
 PLOTTED
 TEMPLATE
 NOTE BOOK
 AREAS
 CHECKED



SCALE: HORIZ. 1"=4'
 VERT. 1"=2'

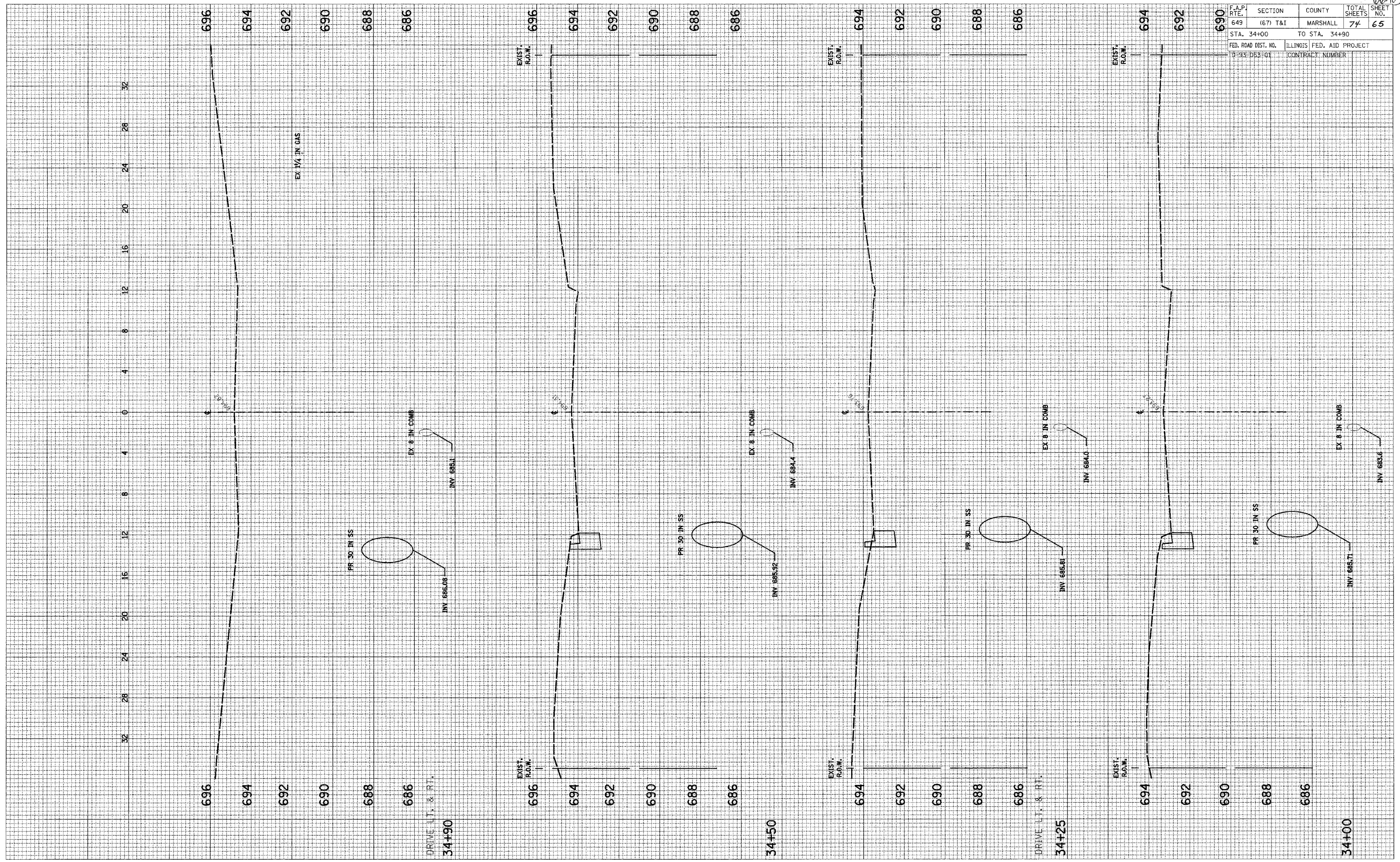
2ND NORTH STREET STORM SEWER

66403

BY _____ DATE _____
 SURVEYED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____

BY _____ DATE _____
 SURVEYED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	65
STA. 34+00		TO STA. 34+90		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
D-93-DE3-01		CONTRACT NUMBER		



SCALE: HORIZ. 1"=4'
 VERT. 1"=2'

2ND NORTH STREET STORM SEWER

66403

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&T	MARSHALL	74	66
STA. 35+50		TO STA. 36+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
10-93-053-01		CONTRACT NUMBER		

FINAL SURVEY PLOTTED AREAS CHECKED

DATE: _____ BY: _____

NOTE BOOK: _____

NO. _____

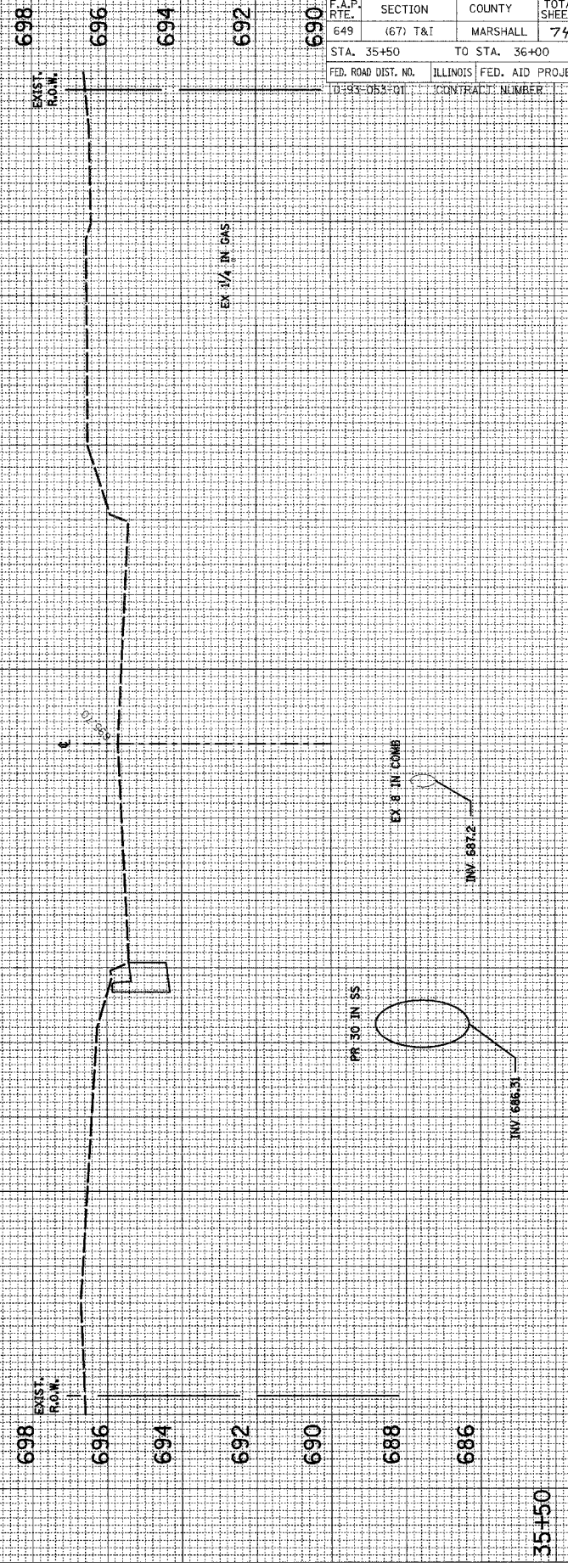
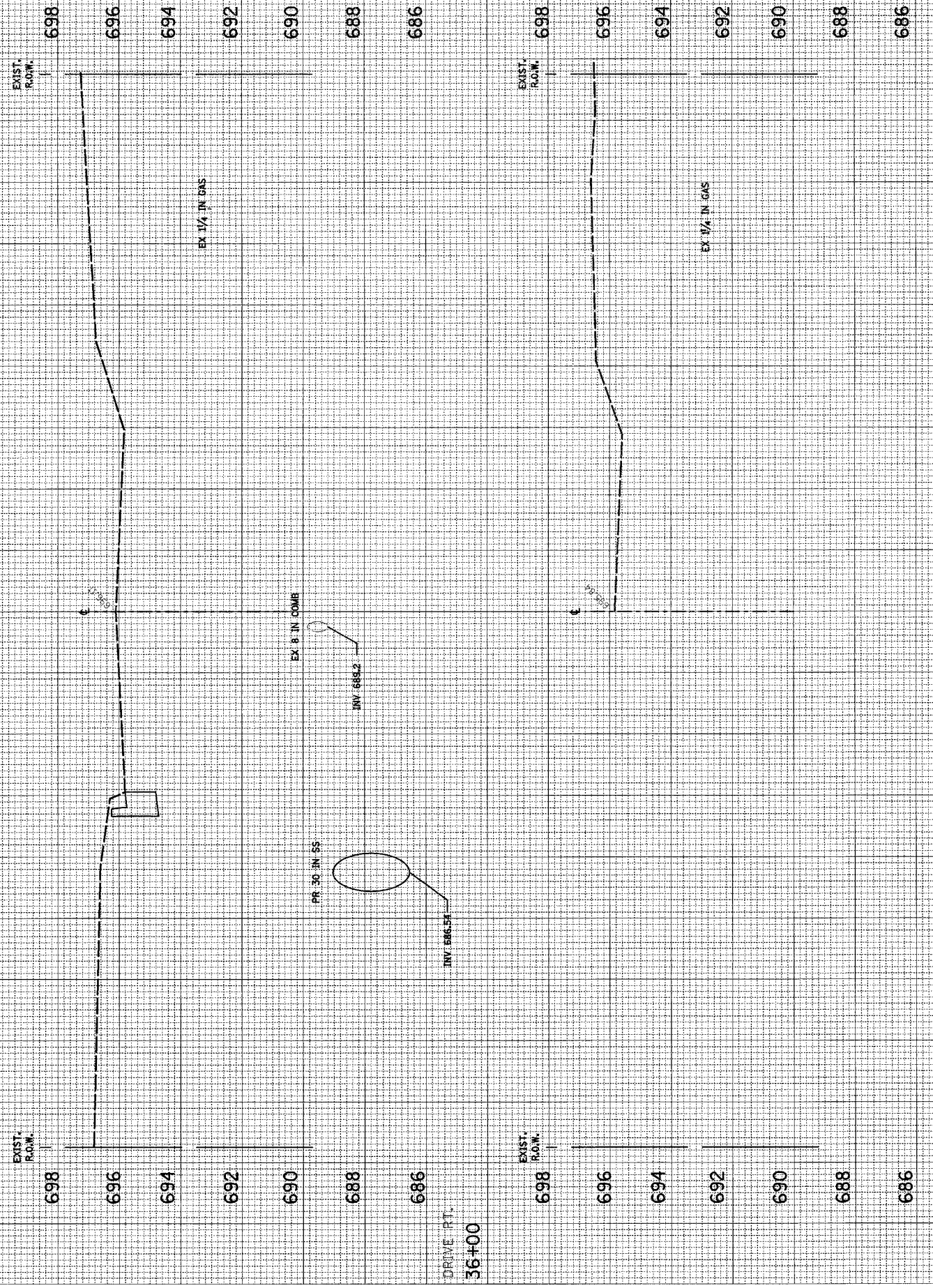
ORIGINAL SURVEY PLOTTED AREAS CHECKED

DATE: _____ BY: _____

NOTE BOOK: _____

NO. _____

32 28 24 20 16 12 8 4 0 4 8 12 16 20 24 28 32



SCALE: HORIZ. 1/4" = 1' VERT. 1/2" = 1'

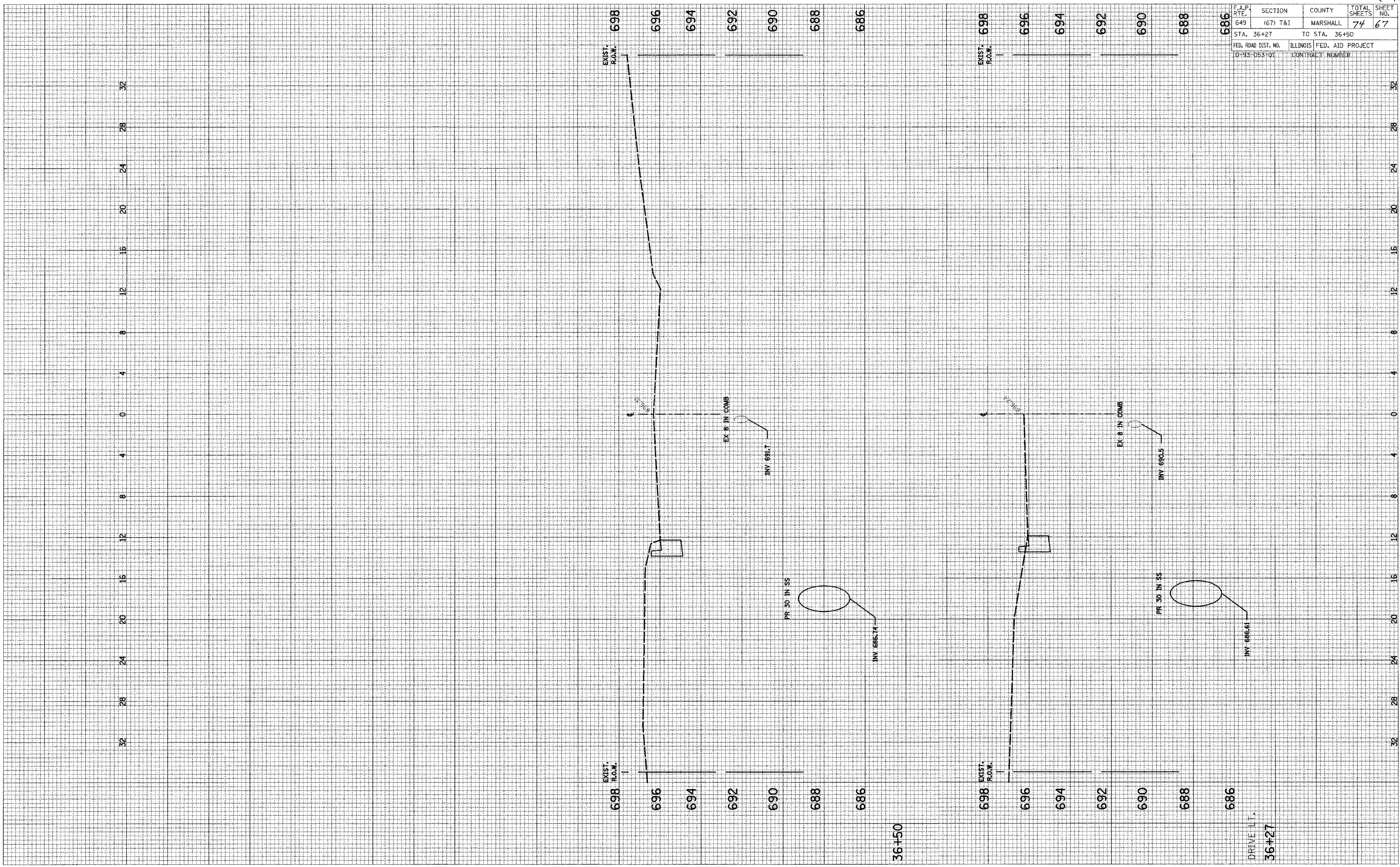
2ND NORTH STREET STORM SEWER

66403

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(67) T&I	MARSHALL	74	67
STA. 36+27		TO STA. 36+50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
D-93-053-01	CONTRACT NUMBER			

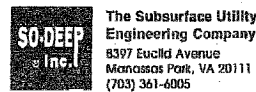
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

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



SCALE: HORIZ. 1/4 VERT. 1/2

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	67(TRS 2&1	MARSHALL	74	68
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
D-93-053-03 CONTRACT NUMBER 66403				



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 # SIL9418
Test Hole # 1
Plan Scale 1" = 20'
Sheet # 10 OF 10
Proposed STORM PIPE
Date AUGUST 31, 2004

City, County, State WENONA, IL
Gen. Loc. W SIDE OF RTE. 17, 21/2 S OF 5TH SOUTH ST.
Recorded Size/Material/Type 10" PLASTIC WATER LINE
Foreman/Truck#/Form By M. NELSON / 2211 M. ARMSTRONG

Condition of paving prior to work
NO PAVING

Description: (CP 1005) SPIKE FOUND, 54 1/2 RT OF SURVEY CL STA. 544+454, IL RTE 17

B.M. 1 Elev. = 691.24'
is GIVEN
B.M. 2 Elev. = 692.12'
is GIVEN

Description: (CP 1005) MAG NAIL FOUND, 15 1/2 RT OF SURVEY CL STA. 550+022, IL RTE. 17

Benchmarks check BY 0.04'
Elevations are referenced to B.M.#1

SO-DEEP will attempt to use the BM#1 most applicable to your design. If however, BM#s differ by more than .05', resulting differences could cause design conflicts.

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 NO PAVING

Color of ribbon installed BLUE

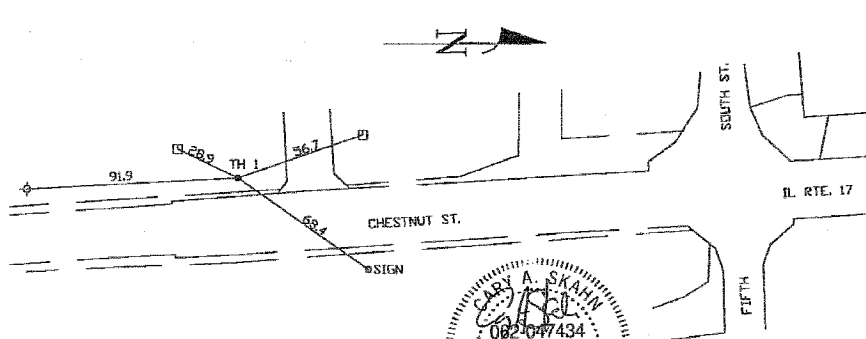
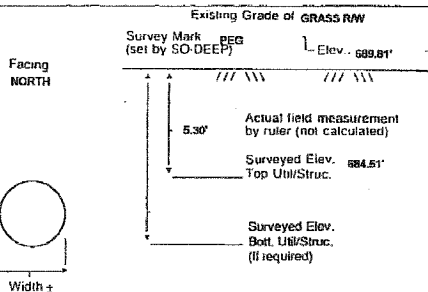
Soil Type MOIST BROWN

Field Condition GRAVEL SHOULDER

T.H. tied to PEG

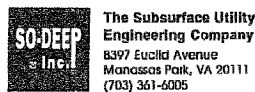
10 1/2" PLASTIC WATER LINE
Size/Material/Type
Portion of pipe exposed for O.D. measurement:
FULL

Remarks: NONE



R/W = Rights of Way	T.C. = Terra Cotta	SM = Sewer Manhole
N.T.S. = Not to Scale	PLAS. = Plastic	TH = Test Hole
* = Not Shown on Plan	BL = Base Line	FH = Fire Hydrant
PC = Precast Concrete	ELEC. = Electric	FL = Fanco Line
COND. = Conduit	TELE = Telephone	EM = Electric Manhole
CONC. = Concrete	T.H. = Test Hole	T.S. = Transverse Station
O.D. = Outside Diameter	SW = Sidewalk	V = Valve
C.I. = Cast Iron	DW = Driveway	WM = Water Meter
D.I. = Ductile Iron	BM = Benchmark	TM = Telephone Manhole
RPC = Rough Pour Concrete	C.B. = Catch Basin	TP = Telephone Pedestal
CL = Centerline	GV = Gas Valve	

Performing out-of-sight work...with vision!SM
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.



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 # SIL9418
Test Hole # 2
Plan Scale 1" = 20'
Sheet # 9 OF 10
Proposed CATCH BASIN
Date AUGUST 31, 2004

City, County, State WENONA, IL
Gen. Loc. NW CORNER OF RTE. 17 & 5TH SOUTH ST.
Recorded Size/Material/Type 10" PLASTIC WATER LINE
Foreman/Truck#/Form By M. NELSON / 2211 M. ARMSTRONG

Condition of paving prior to work
NO PAVING

Description: (CP 1005) SPIKE FOUND, 54 1/2 RT OF SURVEY CL STA. 544+454, IL RTE 17

B.M. 1 Elev. = 691.24'
is GIVEN
B.M. 2 Elev. = 692.12'
is GIVEN

Description: (CP 1005) MAG NAIL FOUND, 15 1/2 RT OF SURVEY CL STA. 550+022, IL RTE. 17

Benchmarks check BY 0.04'
Elevations are referenced to B.M.#1

SO-DEEP will attempt to use the BM#1 most applicable to your design. If however, BM#s differ by more than .05', resulting differences could cause design conflicts.

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 NO PAVING

Color of ribbon installed BLUE

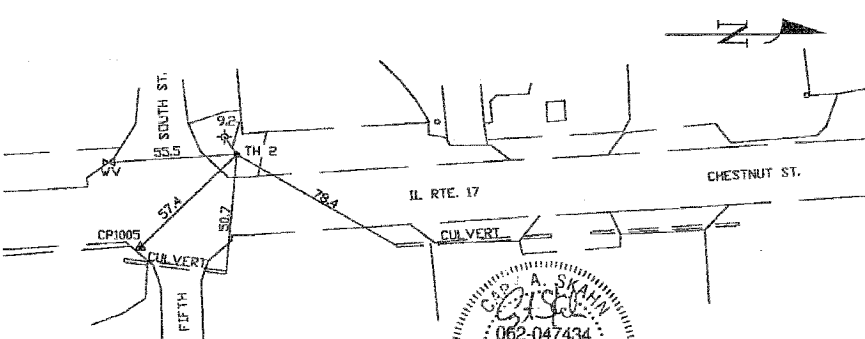
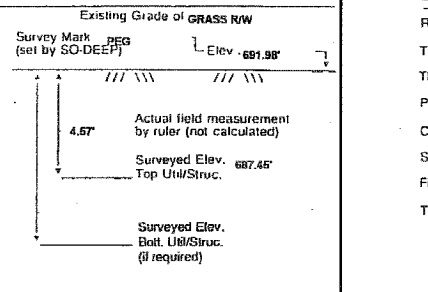
Soil Type MOIST BROWN

Field Condition GRAVEL SHOULDER

T.H. tied to PEG

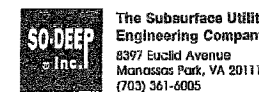
10 1/2" PLASTIC WATER LINE
Size/Material/Type
Portion of pipe exposed for O.D. measurement:
FULL

Remarks: NONE



R/W = Rights of Way	T.C. = Terra Cotta	SM = Sewer Manhole
N.T.S. = Not to Scale	PLAS. = Plastic	TH = Test Hole
* = Not Shown on Plan	BL = Base Line	FH = Fire Hydrant
PC = Precast Concrete	ELEC. = Electric	FL = Fanco Line
COND. = Conduit	TELE = Telephone	EM = Electric Manhole
CONC. = Concrete	T.H. = Test Hole	T.S. = Transverse Station
O.D. = Outside Diameter	SW = Sidewalk	V = Valve
C.I. = Cast Iron	DW = Driveway	WM = Water Meter
D.I. = Ductile Iron	BM = Benchmark	TM = Telephone Manhole
RPC = Rough Pour Concrete	C.B. = Catch Basin	TP = Telephone Pedestal
CL = Centerline	GV = Gas Valve	

Performing out-of-sight work...with vision!SM
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.



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 # SIL9418
Test Hole # 3
Plan Scale 1" = 20'
Sheet # 9 OF 10
Proposed CATCH BASIN
Date AUGUST 31, 2004

City, County, State WENONA, IL
Gen. Loc. NW CORNER OF RTE. 17 & 5TH SOUTH ST.
Recorded Size/Material/Type 2" PLASTIC COATED STEEL GAS LINE
Foreman/Truck#/Form By M. NELSON / 2211 M. ARMSTRONG

Condition of paving prior to work
ASPH. SHLDR IN GOOD CONDITION

Description: (CP 1005) SPIKE FOUND, 54 1/2 RT OF SURVEY CL STA. 544+454, IL RTE 17

B.M. 1 Elev. = 691.24'
is GIVEN
B.M. 2 Elev. = 692.12'
is GIVEN

Description: (CP 1005) MAG NAIL FOUND, 15 1/2 RT OF SURVEY CL STA. 550+022, IL RTE. 17

Benchmarks check BY 0.04'
Elevations are referenced to B.M.#1

SO-DEEP will attempt to use the BM#1 most applicable to your design. If however, BM#s differ by more than .05', resulting differences could cause design conflicts.

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 2" ASPHALT

Color of ribbon installed YELLOW

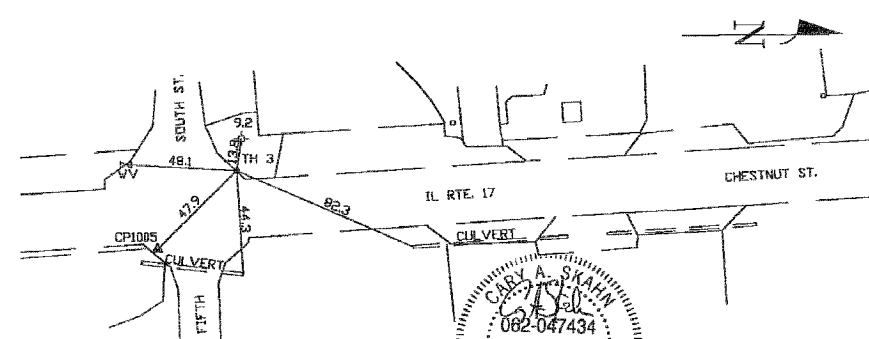
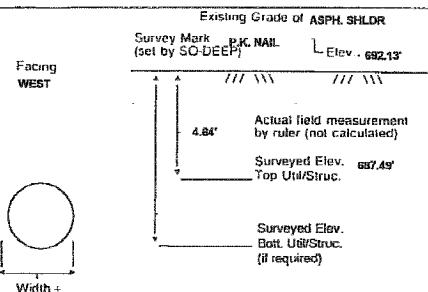
Soil Type MOIST BROWN

Field Condition ASPHALT SHOULDER

T.H. tied to P.K. NAIL

2 1/2" PLASTIC COATED STEEL GAS LINE
Size/Material/Type
Portion of pipe exposed for O.D. measurement:
FULL

Remarks: NONE



R/W = Rights of Way	T.C. = Terra Cotta	SM = Sewer Manhole
N.T.S. = Not to Scale	PLAS. = Plastic	TH = Test Hole
* = Not Shown on Plan	BL = Base Line	FH = Fire Hydrant
PC = Precast Concrete	ELEC. = Electric	FL = Fanco Line
COND. = Conduit	TELE = Telephone	EM = Electric Manhole
CONC. = Concrete	T.H. = Test Hole	T.S. = Transverse Station
O.D. = Outside Diameter	SW = Sidewalk	V = Valve
C.I. = Cast Iron	DW = Driveway	WM = Water Meter
D.I. = Ductile Iron	BM = Benchmark	TM = Telephone Manhole
RPC = Rough Pour Concrete	C.B. = Catch Basin	TP = Telephone Pedestal
CL = Centerline	GV = Gas Valve	

Performing out-of-sight work...with vision!SM
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.

REVISIONS	
NAME	DATE

COLLINS ENGINEERS
123 N. WACKER DR., SUITE 300
CHICAGO, IL 60606
(312) 704-9300
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-000993

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 17 AND
2ND NORTH STREET
TEST HOLE CERTIFICATION FORMS
SCALE: NTS
DATE MARCH, 2005
DRAWN BY DR
CHECKED BY JMH

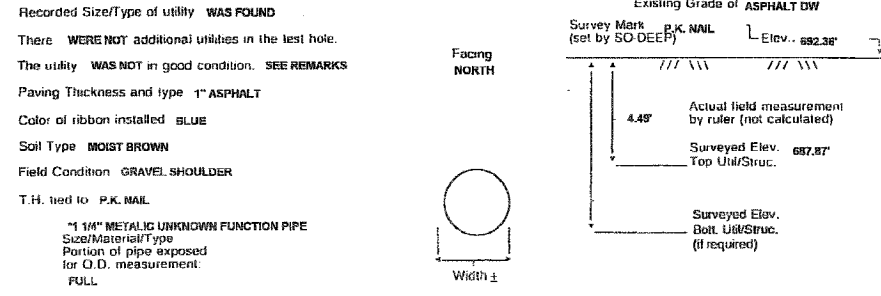
SO-DEEP Inc.
 The Subsurface Utility Engineering Company
 8397 Euclid Avenue
 Manassas Park, VA 20111
 (703) 361-6006

So-Deep Test Hole Certification Form
 © So-Deep, Inc. 1988, 1991

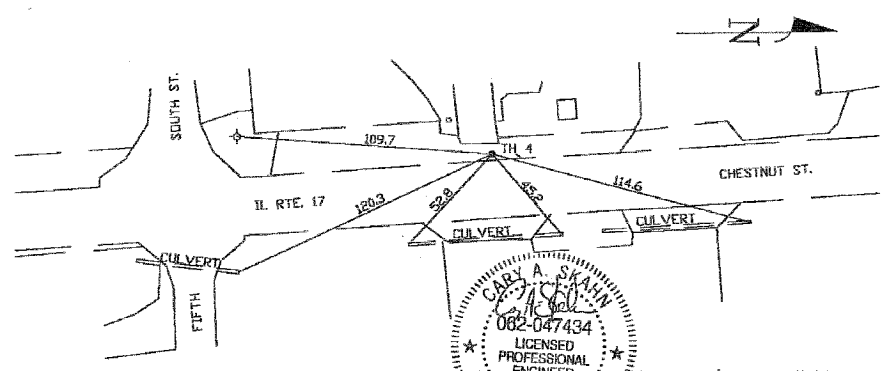
Control # SIL9418
 Test Hole # 4
 Plan Scale 1" = 20'
 Sheet # 9 OF 10
 Proposed STORM MH
 Date AUGUST 30, 2004

City, County, State WENONA, IL
 Gen. Loc. W SIDE OF RTE. 17, 150'± N OF 5TH SOUTH ST.
 Recorded Size/Material/Type UNK. SIZE, FUNC., & TYPE UTILITY LINE
 Foreman/Truck#/Form By M. NELSON / 221/ M. ARMSTRONG
 Description: (CP 1006) SPIKE FOUND, 64" RT OF SURVEY CL STA. 544+454, IL RTE 17
 B.M. 1 Elev. = 691.24'
 is GIVEN
 B.M. 2 Elev. = 692.12'
 is GIVEN
 Benchmarks check BY 0.04'
 Elevations are referenced to B.M.#1
 Condition of paving prior to work ASPHALT DW IN POOR CONDITION

SO-DEEP will attempt to use the IMH# most applicable to your design. If however, DIMs differ by more than .05', resulting differences could cause design conflicts.



Remarks: *UTILITY RECORDS RESEARCH, TOPSIDE SURVEY AND ELECTRONIC DESIGNATING FAILED TO REVEAL THE EXACT TYPE FUNCTION OF THIS 1 1/4" PIPE. CREW FOUND THE PIPE TO BE IN VERY POOR CONDITION.



<ul style="list-style-type: none"> RAW = Right of Way N.T.S. = Not to Scale * = Not Shown on Plan PCD = Precast Concrete COND. = Concrete CONC. = Concrete O.D. = Outside Diameter C.I. = Cast Iron D.I. = Ductile Iron RPC = Rough Pour Concrete CL = Centerline T.C. = Terra Cotta PLAS. = Plastic BL. = Base Line ELEC. = Electric TELE. = Telephone T.H. = Test Hole SW = Sidewalk DW = Driveway BM = Benchmark C.B. = Catch Basin GV = Gas Valve 	<ul style="list-style-type: none"> 0.05' - 1" 1.0' - 2" 2.0' - 3" 3.0' - 4" 4.0' - 5" 5.0' - 6" 6.0' - 7" 7.0' - 8" 8.0' - 10" 10' - 11" 0 = Sewer Manhole 1 = Test Hole 2 = Fire Hydrant 3 = Pole 4 = Electric 5 = Telephone 6 = T.S. = Traverser Station 7 = Valve 8 = Water Meter 9 = Telephone Manhole 10 = Telephone Pedestal
---	---

Performing out-of-sight work...with vision!SM
 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.

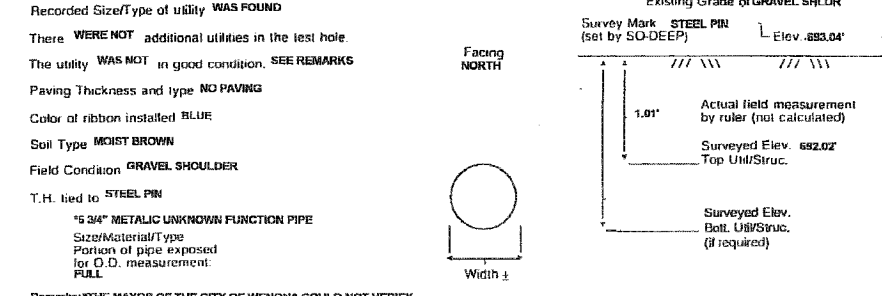
SO-DEEP Inc.
 The Subsurface Utility Engineering Company
 8397 Euclid Avenue
 Manassas Park, VA 20111
 (703) 361-6006

So-Deep Test Hole Certification Form
 © So-Deep, Inc. 1988, 1991

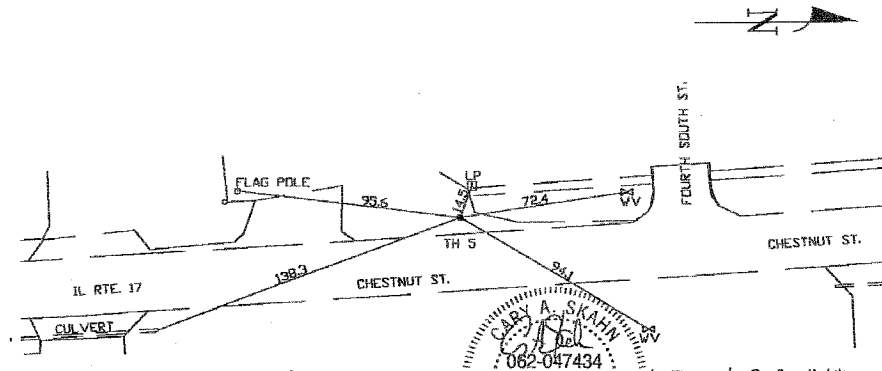
Control # SIL9418
 Test Hole # 5
 Plan Scale 1" = 20'
 Sheet # 9 OF 10
 Proposed STORM PIPE
 Date AUGUST 30, 2004

City, County, State WENONA, IL
 Gen. Loc. W SIDE OF RTE. 17, 85'± S OF 4TH SOUTH ST.
 Recorded Size/Material/Type UNK. SIZE, FUNC., & TYPE UTILITY LINE
 Foreman/Truck#/Form By M. NELSON / 221/ M. ARMSTRONG
 Description: (CP 1004) MAG NAIL FOUND, 12" RT OF SURVEY CL STA. 554+752, IL RTE 17
 B.M. 1 Elev. = 693.58'
 is GIVEN
 B.M. 2 Elev. = 692.12'
 is GIVEN
 Benchmarks check BY 0.05'
 Elevations are referenced to B.M.#2
 Condition of paving prior to work NO PAVING

SO-DEEP will attempt to use the IMH# most applicable to your design. If however, DIMs differ by more than .05', resulting differences could cause design conflicts.



Remarks: *THE MAYOR OF THE CITY OF WENONA COULD NOT VERIFY THE FUNCTION OF THIS PIPE. UTILITY RECORDS RESEARCH, TOPSIDE SURVEY AND ELECTRONIC DESIGNATING FAILED TO REVEAL THE EXACT TYPE FUNCTION OF THE 6 3/4" PIPE. CREW FOUND THE PIPE TO BE IN VERY POOR CONDITION AT THIS LOCATION.



<ul style="list-style-type: none"> RAW = Right of Way N.T.S. = Not to Scale * = Not Shown on Plan PCD = Precast Concrete COND. = Concrete CONC. = Concrete O.D. = Outside Diameter C.I. = Cast Iron D.I. = Ductile Iron RPC = Rough Pour Concrete CL = Centerline T.C. = Terra Cotta PLAS. = Plastic BL. = Base Line ELEC. = Electric TELE. = Telephone T.H. = Test Hole SW = Sidewalk DW = Driveway BM = Benchmark C.B. = Catch Basin GV = Gas Valve 	<ul style="list-style-type: none"> 0.05' - 1" 1.0' - 2" 2.0' - 3" 3.0' - 4" 4.0' - 5" 5.0' - 6" 6.0' - 7" 7.0' - 8" 8.0' - 10" 10' - 11" 0 = Sewer Manhole 1 = Test Hole 2 = Fire Hydrant 3 = Pole 4 = Electric 5 = Telephone 6 = T.S. = Traverser Station 7 = Valve 8 = Water Meter 9 = Telephone Manhole 10 = Telephone Pedestal
---	---

Performing out-of-sight work...with vision!SM
 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.

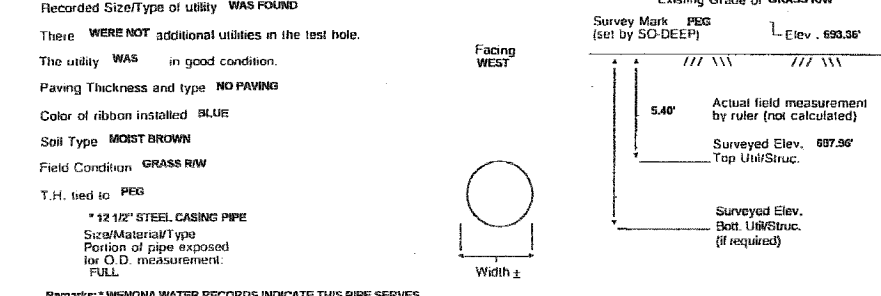
SO-DEEP Inc.
 The Subsurface Utility Engineering Company
 8397 Euclid Avenue
 Manassas Park, VA 20111
 (703) 361-6006

So-Deep Test Hole Certification Form
 © So-Deep, Inc. 1988, 1991

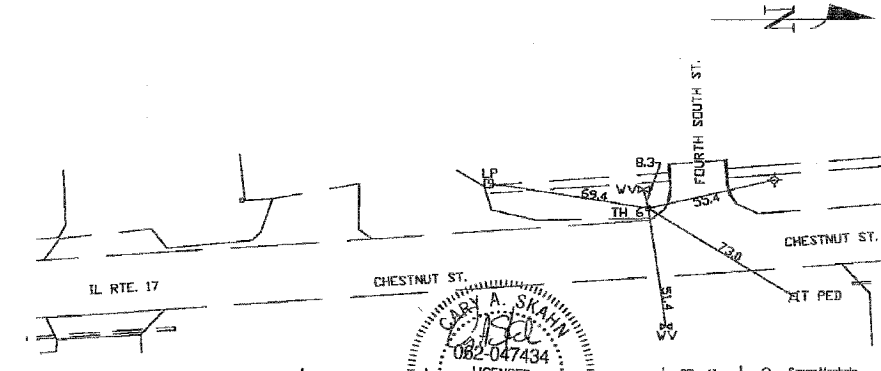
Control # SIL9418
 Test Hole # 6
 Plan Scale 1" = 20'
 Sheet # 8 OF 10
 Proposed STORM PIPE
 Date AUGUST 30, 2004

City, County, State WENONA, IL
 Gen. Loc. SW CORNER OF IL RTE. 17 & 4TH SOUTH ST.
 Recorded Size/Material/Type 8" PLASTIC WATER LINE
 Foreman/Truck#/Form By M. NELSON / 221/ M. ARMSTRONG
 Description: (CP 1004) MAG NAIL FOUND, 12" RT OF SURVEY CL STA. 554+752, IL RTE 17
 B.M. 1 Elev. = 693.58'
 is GIVEN
 B.M. 2 Elev. = 692.12'
 is GIVEN
 Benchmarks check BY 0.05'
 Elevations are referenced to B.M.#2
 Condition of paving prior to work NO PAVING

SO-DEEP will attempt to use the IMH# most applicable to your design. If however, DIMs differ by more than .05', resulting differences could cause design conflicts.



Remarks: *WENONA WATER RECORDS INDICATE THIS PIPE SERVES AS A CASING FOR A 8" PLASTIC WATER LINE AT THIS LOCATION.



<ul style="list-style-type: none"> RAW = Right of Way N.T.S. = Not to Scale * = Not Shown on Plan PCD = Precast Concrete COND. = Concrete CONC. = Concrete O.D. = Outside Diameter C.I. = Cast Iron D.I. = Ductile Iron RPC = Rough Pour Concrete CL = Centerline T.C. = Terra Cotta PLAS. = Plastic BL. = Base Line ELEC. = Electric TELE. = Telephone T.H. = Test Hole SW = Sidewalk DW = Driveway BM = Benchmark C.B. = Catch Basin GV = Gas Valve 	<ul style="list-style-type: none"> 0.05' - 1" 1.0' - 2" 2.0' - 3" 3.0' - 4" 4.0' - 5" 5.0' - 6" 6.0' - 7" 7.0' - 8" 8.0' - 10" 10' - 11" 0 = Sewer Manhole 1 = Test Hole 2 = Fire Hydrant 3 = Pole 4 = Electric 5 = Telephone 6 = T.S. = Traverser Station 7 = Valve 8 = Water Meter 9 = Telephone Manhole 10 = Telephone Pedestal
---	---

Performing out-of-sight work...with vision!SM
 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.

REVISIONS	
NAME	DATE

COLLINS ENGINEERS
 123 N. WACKER DR. SUITE 300
 CHICAGO, IL 60606
 (312) 704-9300
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-000993

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 17 AND
 2ND NORTH STREET
 TEST HOLE CERTIFICATION FORMS

SCALE: NTS
 DATE MARCH, 2005
 DRAWN BY DR
 CHECKED BY JMH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	670	RS P&E MARSHALL	74	70
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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 # SIL9418
Test Hole # 7
Plan Scale 1" = 20'
Sheet # 8 OF 10
Proposed CATCH BASIN
Date AUGUST 30, 2004

City, County, State WENONA, IL
Gen. Loc. W SIDE OF RTE. 17, 145'± R OF 4TH SOUTH ST.
Recorded Size/Material/Type 8" PLASTIC WATER LINE
Foreman/Truck#/Form By M. NELSON / 2211 M. ARMSTRONG

Condition of paving prior to work
NO PAVING

B.M. 1 Elev. = 697.52'
is GIVEN
Description: (CP 1002) MAG NAIL FOUND, 20'± RT OF SURVEY
CL STA. 564+18.5, IL RTE 17

B.M. 2 Elev. = 696.83'
is GIVEN
Description: (CP 1003) MAG NAIL FOUND, 15'± RT OF SURVEY
CL STA. 559+36.5, IL RTE. 17

Benchmarks check BY 0.03'
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 NO PAVING

Color of ribbon installed BLUE

Soil Type MOIST BROWN

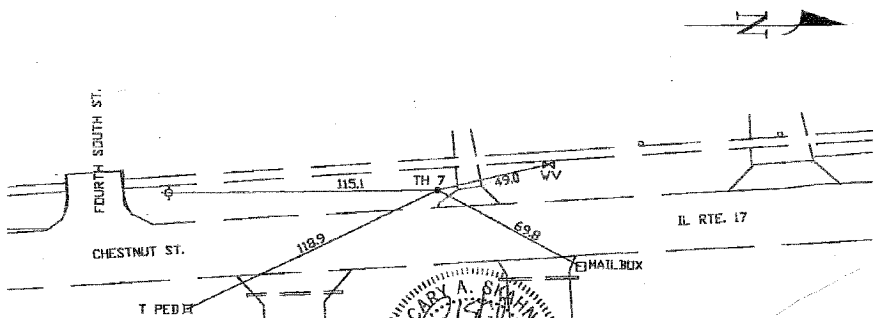
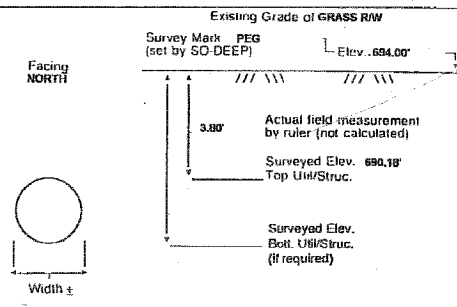
Field Condition GRASS RW

T.H. tied to PEG

8 1/2" PLASTIC WATER LINE
Size/Material/Type
Portion of pipe exposed
for O.D. measurement:
FULL

Remarks: NONE

SO-DEEP will attempt to use the BM#1 most applicable to your design. If however, BMs differ by more than .05', resulting differences could cause design conflicts.



- | | | |
|---------------------------|--------------------|------------------------------|
| R/W = Rights of Way | T.C. = Terra Cotta | ○ = Sewer Manhole |
| N.T.S. = Not to Scale | PLAS. = Plastic | ○ = Test Hole |
| ≡ = Not Shown on Plan | BL. = Base Line | ○ = Fire Hydrant |
| PCD = Precast Concrete | ELEC. = Electric | ○ = Pole |
| CONC. = Concrete | TELE. = Telephone | ○ = Fence Line |
| O.D. = Outside Diameter | T.H. = Test Hole | ○ = Electric Manhole |
| CL = Cast Iron | SW = Sidewalk | △ = T.S. = Traversal Station |
| D.I. = Ductile Iron | DW = Driveway | ○ = Valve |
| RPC = Rough Pour Concrete | BM = Benchmark | ○ = Water Meter |
| CL = Centerline | C.B. = Catch Basin | ○ = Telephone Manhole |
| | GV = Gas Valve | □ = Telephone Pedestal |

Performing out-of-sight work...with vision!SM
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.

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 # SIL9418
Test Hole # 8
Plan Scale 1" = 20'
Sheet # 8 OF 10
Proposed CATCH BASIN
Date AUGUST 30, 2004

City, County, State WENONA, IL
Gen. Loc. SW CORNER OF IL RTE. 17 & 3RD SOUTH ST.
Recorded Size/Material/Type 8" PLASTIC WATER LINE
Foreman/Truck#/Form By M. NELSON / 2211 M. ARMSTRONG

Condition of paving prior to work
NO PAVING

B.M. 1 Elev. = 697.52'
is GIVEN
Description: (CP 1002) MAG NAIL FOUND, 20'± RT OF SURVEY
CL STA. 564+18.5, IL RTE 17

B.M. 2 Elev. = 696.83'
is GIVEN
Description: (CP 1003) MAG NAIL FOUND, 15'± RT OF SURVEY
CL STA. 559+36.5, IL RTE. 17

Benchmarks check BY 0.03'
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 NO PAVING

Color of ribbon installed BLUE

Soil Type MOIST BROWN

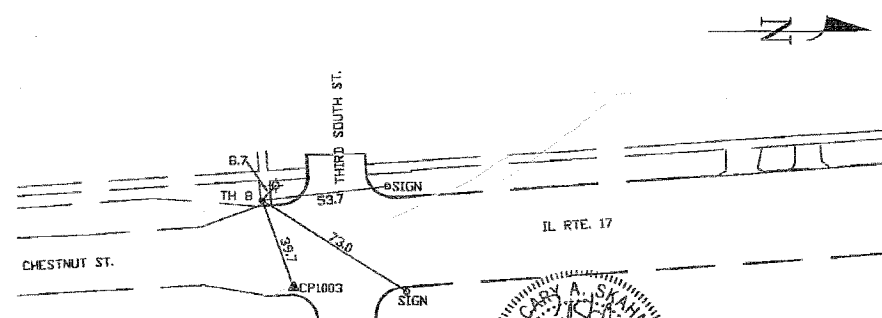
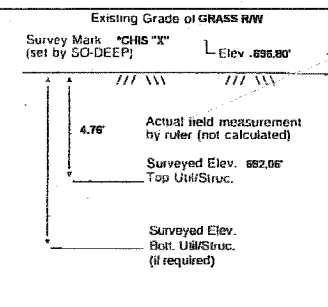
Field Condition GRASS RW

T.H. tied to CHS "X"

8 1/2" PLASTIC WATER LINE
Size/Material/Type
Portion of pipe exposed
for O.D. measurement:
FULL

Remarks: TEST HOLE DUG IN GRASS RW, CHS "X" SET IN CONC. SIDEWALK

SO-DEEP will attempt to use the BM#1 most applicable to your design. If however, BMs differ by more than .05', resulting differences could cause design conflicts.



- | | | |
|---------------------------|--------------------|------------------------------|
| R/W = Rights of Way | T.C. = Terra Cotta | ○ = Sewer Manhole |
| N.T.S. = Not to Scale | PLAS. = Plastic | ○ = Test Hole |
| ≡ = Not Shown on Plan | BL. = Base Line | ○ = Fire Hydrant |
| PCD = Precast Concrete | ELEC. = Electric | ○ = Pole |
| CONC. = Concrete | TELE. = Telephone | ○ = Fence Line |
| O.D. = Outside Diameter | T.H. = Test Hole | ○ = Electric Manhole |
| CL = Cast Iron | SW = Sidewalk | △ = T.S. = Traversal Station |
| D.I. = Ductile Iron | DW = Driveway | ○ = Valve |
| RPC = Rough Pour Concrete | BM = Benchmark | ○ = Water Meter |
| CL = Centerline | C.B. = Catch Basin | ○ = Telephone Manhole |
| | GV = Gas Valve | □ = Telephone Pedestal |

Performing out-of-sight work...with vision!SM
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.

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 # SIL9418
Test Hole # 9
Plan Scale 1" = 20'
Sheet # 8 OF 10
Proposed CATCH BASIN
Date AUGUST 30, 2004

City, County, State WENONA, IL
Gen. Loc. W SIDE OF RTE. 17, 200'± S OF 2ND SOUTH ST.
Recorded Size/Material/Type 8" PLASTIC WATER LINE
Foreman/Truck#/Form By M. NELSON / 2211 M. ARMSTRONG

Condition of paving prior to work
NO PAVING

B.M. 1 Elev. = 697.52'
is GIVEN
Description: (CP 1002) MAG NAIL FOUND, 20'± RT OF SURVEY
CL STA. 564+18.5, IL RTE 17

B.M. 2 Elev. = 696.83'
is GIVEN
Description: (CP 1003) MAG NAIL FOUND, 15'± RT OF SURVEY
CL STA. 559+36.5, IL RTE. 17

Benchmarks check BY 0.03'
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 NO PAVING

Color of ribbon installed BLUE

Soil Type MOIST BROWN

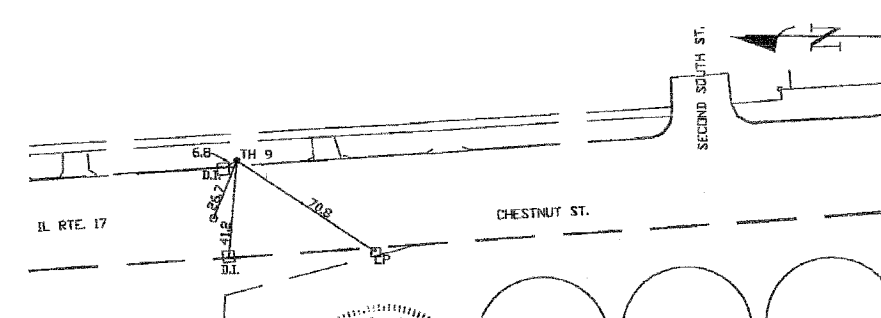
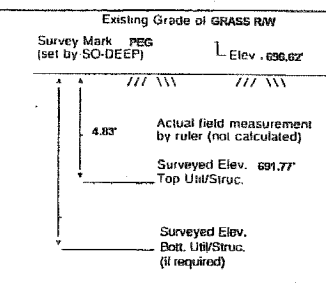
Field Condition GRASS RW

T.H. tied to PEG

8 1/2" PLASTIC WATER LINE
Size/Material/Type
Portion of pipe exposed
for O.D. measurement:
FULL

Remarks: NONE

SO-DEEP will attempt to use the BM#1 most applicable to your design. If however, BMs differ by more than .05', resulting differences could cause design conflicts.



- | | | |
|---------------------------|--------------------|------------------------------|
| R/W = Rights of Way | T.C. = Terra Cotta | ○ = Sewer Manhole |
| N.T.S. = Not to Scale | PLAS. = Plastic | ○ = Test Hole |
| ≡ = Not Shown on Plan | BL. = Base Line | ○ = Fire Hydrant |
| PCD = Precast Concrete | ELEC. = Electric | ○ = Pole |
| CONC. = Concrete | TELE. = Telephone | ○ = Fence Line |
| O.D. = Outside Diameter | T.H. = Test Hole | ○ = Electric Manhole |
| CL = Cast Iron | SW = Sidewalk | △ = T.S. = Traversal Station |
| D.I. = Ductile Iron | DW = Driveway | ○ = Valve |
| RPC = Rough Pour Concrete | BM = Benchmark | ○ = Water Meter |
| CL = Centerline | C.B. = Catch Basin | ○ = Telephone Manhole |
| | GV = Gas Valve | □ = Telephone Pedestal |

Performing out-of-sight work...with vision!SM
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.

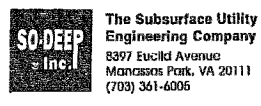
FILE: 91384616-16-04-38460007.dgn
DATE: 22-Feb-05 14:01

REVISIONS	
NAME	DATE

COLLINS ENGINEERS
123 N. WACKER DR., SUITE 300
CHICAGO, IL 60606
(312) 704-8300
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 194-000993

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 17 AND
2ND NORTH STREET
TEST HOLE CERTIFICATION FORMS
SCALE: NTS
DATE: MARCH, 2005
DRAWN BY: DR
CHECKED BY: JMH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	677RS 212	MARSHALL	74	71
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



So-Deep Test Hole Certification Form

© So-Deep, Inc. 1988, 1991

Control # SIL9418
 Test Hole # 10
 Plan Scale 1" = 20'
 Sheet # 6 OF 10
 Proposed STORM PIPE
 Date AUGUST 20, 2004

City, County, State WENONA, IL
 Gen. Loc. W SIDE OF RTE. 17, 229' N OF 2ND SOUTH ST.
 Recorded Size/Material/Type 8" PLASTIC WATER LINE
 Foreman/Truck#/Form By M. NELSON / 2211 M. ARMSTRONG

B.M. 1 Elev. = 702.16'
 is GIVEN

B.M. 2 Elev. = 697.88'
 is GIVEN

Description: (CP 1001) MAG NAIL FOUND, 15 1/2' RT OF SURVEY
 CL STA. 568+64.2, IL RTE. 17

Description: (CP 1000) MAG NAIL FOUND, 16 1/2' RT OF SURVEY
 CL STA. 573+44.5, IL RTE. 17

Benchmarks check -BY 0.03'
 Elevations are referenced to B.M.#2

SO-DEEP will attempt to use the BMMH most applicable to your design. If however, BMMH differ by more than .05', resulting differences could cause design conflicts.

Recorded Size/Type of utility WAS FOUND

Existing Grade of ASPH. SHLDR

Survey Mark P.K. NAIL Elev. = 700.68'

There WERE additional utilities in the test hole.

The utility WAS in good condition.

Paving Thickness and type 3" ASPH. OVER 8" CONC.

Color of ribbon installed BLUE

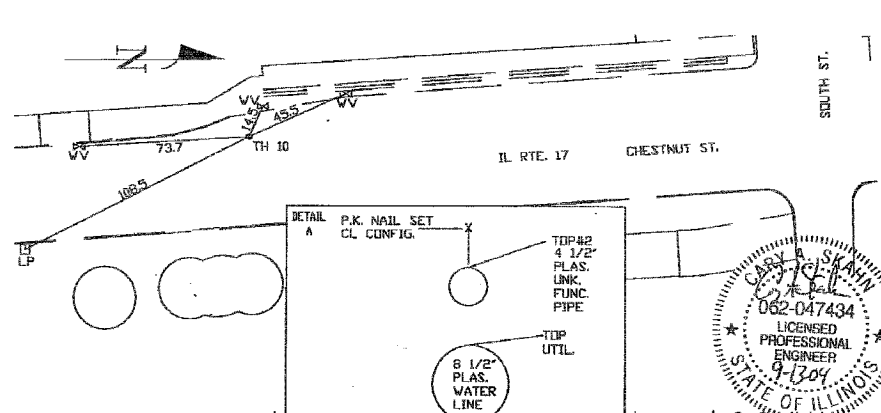
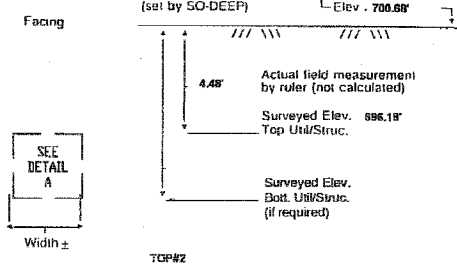
Soil Type MOIST BROWN

Field Condition ASPHALT SHOULDER

T.H. tied to P.K. NAIL

8 1/2" PLAS. WATER LINE
 Size/Material/Type
 Portion of pipe exposed for O.D. measurement: FULL

Remarks: CREW ALSO FOUND A 4 1/2" (O.D.) UNKNOWN FUNCTION PIPE RUNNING ABOVE AND PARALLEL TO THE WATER LINE. ELECTRONIC DESIGNING, TOPSIDE SURVEY, AND THE MAYOR OF WENONA COULD NOT EXPLAIN THE PRESENCE OF THIS PIPE.



- | | | | |
|---------------------------|--------------------|-----------|-----------------------------|
| RAW = Rights of Way | T.C. = Terra Cotta | 08" - 1" | ○ = Sewer Manhole |
| N.T.S. = Not to Scale | PLAS. = Plastic | 16" - 2" | ⊗ = Test Hole |
| * = Not Shown on Plan | BL. = Base Line | 24" - 3" | ⊕ = Fire Hydrant |
| PCC = Precast Concrete | ELEC. = Electric | 30" - 4" | ⊖ = Pole |
| CONC. = Concrete | TELE. = Telephone | 42" - 5" | ⊗ = Fence Line |
| CONC. = Concrete | T.H. = Test Hole | 50" - 6" | ⊗ = Electric Manhole |
| O.D. = Outside Diameter | SW = Skewer | 58" - 7" | ⊗ = T.S. = Traverse Station |
| C.I. = Cast Iron | DW = Driveway | 67" - 8" | ⊕ = Valve |
| D.I. = Ductile Iron | EM = Easement | 75" - 9" | ⊕ = Water Meter |
| RPC = Rough Pour Concrete | EM = Easement | 83" - 10" | ⊕ = Telephone Manhole |
| CL = Centerline | C.B. = Catch Basin | 92" - 11" | ⊕ = Telephone Pedestal |
| | GV = Gas Valve | | |



So-Deep Test Hole Certification Form

© So-Deep, Inc. 1988, 1991

Control # SIL9418
 Test Hole # 11
 Plan Scale 1" = 20'
 Sheet # 6 OF 10
 Proposed STORM PIPE
 Date AUGUST 20, 2004

City, County, State WENONA, IL
 Gen. Loc. INTER OF IL RTE. 17 & 1ST SOUTH ST.
 Recorded Size/Material/Type 6" UNK. TYPE WATER LINE & 2" COATED STEEL GAS LINE
 Foreman/Truck#/Form By M. NELSON / 2211 M. ARMSTRONG

B.M. 1 Elev. = 702.16'
 is GIVEN

B.M. 2 Elev. = 697.88'
 is GIVEN

Description: (CP 1001) MAG NAIL FOUND, 15 1/2' RT OF SURVEY
 CL STA. 568+64.2, IL RTE. 17

Description: (CP 1000) MAG NAIL FOUND, 16 1/2' RT OF SURVEY
 CL STA. 573+44.5, IL RTE. 17

Benchmarks check -BY 0.03'
 Elevations are referenced to B.M.#2

SO-DEEP will attempt to use the BMMH most applicable to your design. If however, BMMH differ by more than .05', resulting differences could cause design conflicts.

Recorded Size/Type of utility WAS FOUND

Existing Grade of ASPHALT RDWY

Survey Mark P.K. NAIL Elev. = 702.04'

There WERE NOT additional utilities in the test hole.

The utility WAS in good condition.

Paving Thickness and type 1" ASPH. OVER 8" CONC.

Color of ribbon installed BLUE AND YELLOW

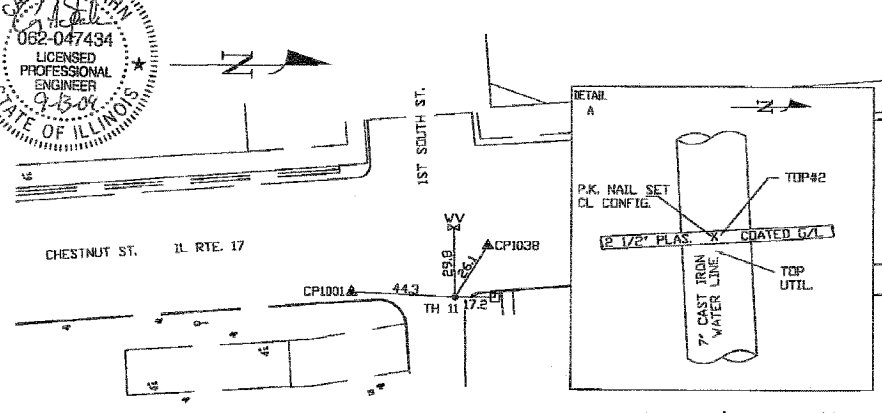
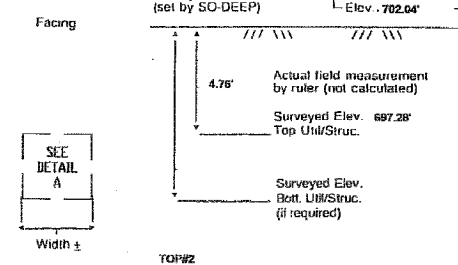
Soil Type MOIST BROWN

Field Condition LIGHT ROAD TRAFFIC

T.H. tied to P.K. NAIL

7" C.I. WR. AND 2 1/2" PLA. CTD STL GAS LINE
 Size/Material/Type
 Portion of pipe exposed for O.D. measurement: FULL

Remarks: NONE



- | | | | |
|---------------------------|--------------------|-----------|-----------------------------|
| RAW = Rights of Way | T.C. = Terra Cotta | 08" - 1" | ○ = Sewer Manhole |
| N.T.S. = Not to Scale | PLAS. = Plastic | 16" - 2" | ⊗ = Test Hole |
| * = Not Shown on Plan | BL. = Base Line | 24" - 3" | ⊕ = Fire Hydrant |
| PCC = Precast Concrete | ELEC. = Electric | 30" - 4" | ⊖ = Pole |
| CONC. = Concrete | TELE. = Telephone | 42" - 5" | ⊗ = Fence Line |
| CONC. = Concrete | T.H. = Test Hole | 50" - 6" | ⊗ = Electric Manhole |
| O.D. = Outside Diameter | SW = Skewer | 58" - 7" | ⊗ = T.S. = Traverse Station |
| C.I. = Cast Iron | DW = Driveway | 67" - 8" | ⊕ = Valve |
| D.I. = Ductile Iron | EM = Easement | 75" - 9" | ⊕ = Water Meter |
| RPC = Rough Pour Concrete | EM = Easement | 83" - 10" | ⊕ = Telephone Manhole |
| CL = Centerline | C.B. = Catch Basin | 92" - 11" | ⊕ = Telephone Pedestal |
| | GV = Gas Valve | | |



So-Deep Test Hole Certification Form

© So-Deep, Inc. 1988, 1991

Control # SIL9418
 Test Hole # 12
 Plan Scale 1" = 20'
 Sheet # 6 OF 10
 Proposed STORM PIPE
 Date AUGUST 20, 2004

City, County, State WENONA, IL
 Gen. Loc. W SIDE OF RTE. 17, 192' N OF 1ST SOUTH ST.
 Recorded Size/Material/Type 8" PLASTIC WATER LINE
 Foreman/Truck#/Form By M. NELSON / 2211 M. ARMSTRONG

B.M. 1 Elev. = 702.16'
 is GIVEN

B.M. 2 Elev. = 697.88'
 is GIVEN

Description: (CP 1001) MAG NAIL FOUND, 15 1/2' RT OF SURVEY
 CL STA. 568+64.2, IL RTE. 17

Description: (CP 1000) MAG NAIL FOUND, 16 1/2' RT OF SURVEY
 CL STA. 573+44.5, IL RTE. 17

Benchmarks check -BY 0.03'
 Elevations are referenced to B.M.#2

SO-DEEP will attempt to use the BMMH most applicable to your design. If however, BMMH differ by more than .05', resulting differences could cause design conflicts.

Recorded Size/Type of utility WAS FOUND

Existing Grade of ASPHALT RDWY

Survey Mark P.K. NAIL Elev. = 700.55'

There WERE NOT additional utilities in the test hole.

The utility WAS in good condition.

Paving Thickness and type 3" ASPH. OVER 8" CONC.

Color of ribbon installed BLUE

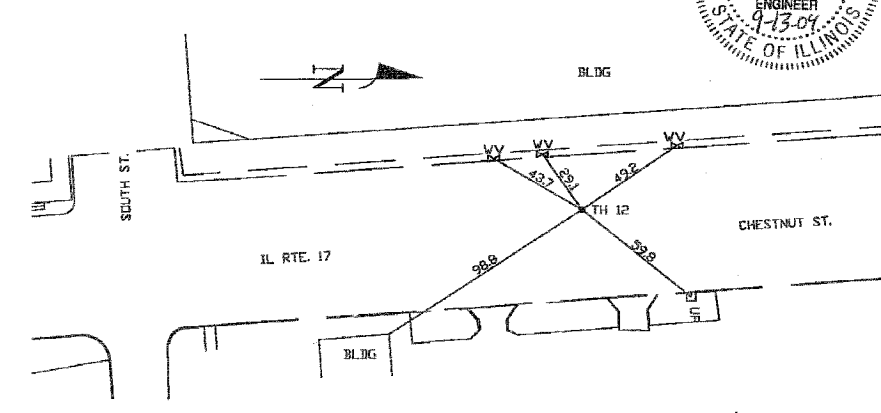
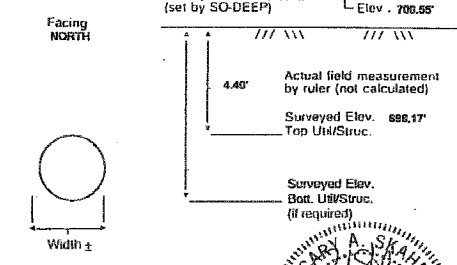
Soil Type MOIST BROWN

Field Condition ASPHALT ROADWAY

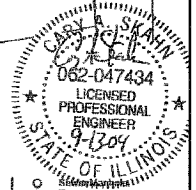
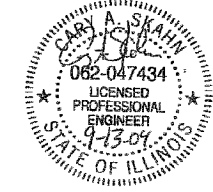
T.H. tied to P.K. NAIL

8 1/2" PLAS. WATER LINE
 Size/Material/Type
 Portion of pipe exposed for O.D. measurement: FULL

Remarks: NONE



- | | | | |
|---------------------------|--------------------|-----------|-----------------------------|
| RAW = Rights of Way | T.C. = Terra Cotta | 08" - 1" | ○ = Sewer Manhole |
| N.T.S. = Not to Scale | PLAS. = Plastic | 16" - 2" | ⊗ = Test Hole |
| * = Not Shown on Plan | BL. = Base Line | 24" - 3" | ⊕ = Fire Hydrant |
| PCC = Precast Concrete | ELEC. = Electric | 30" - 4" | ⊖ = Pole |
| CONC. = Concrete | TELE. = Telephone | 42" - 5" | ⊗ = Fence Line |
| CONC. = Concrete | T.H. = Test Hole | 50" - 6" | ⊗ = Electric Manhole |
| O.D. = Outside Diameter | SW = Skewer | 58" - 7" | ⊗ = T.S. = Traverse Station |
| C.I. = Cast Iron | DW = Driveway | 67" - 8" | ⊕ = Valve |
| D.I. = Ductile Iron | EM = Easement | 75" - 9" | ⊕ = Water Meter |
| RPC = Rough Pour Concrete | EM = Easement | 83" - 10" | ⊕ = Telephone Manhole |
| CL = Centerline | C.B. = Catch Basin | 92" - 11" | ⊕ = Telephone Pedestal |
| | GV = Gas Valve | | |



Performing out-of-sight work...with vision!SM
 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.

Performing out-of-sight work...with vision!SM
 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.

Performing out-of-sight work...with vision!SM
 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.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 17 AND
 2ND NORTH STREET
 TEST HOLE CERTIFICATION FORMS

SCALE: NTS
 DATE: MARCH, 2005
 DRAWN BY: DR
 CHECKED BY: JMH

COLLINS ENGINEERS
 123 N. WACKER DR., SUITE 300
 CHICAGO, IL 60606
 (312) 704-9300
 ILLINOIS PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-000993

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	670	212	MARSHALL	74
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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 # SIL3418
Test Hole # 13
Plan Scale 1" = 20'
Sheet # 6 OF 10
Proposed STORM PIPE
Date AUGUST 28, 2004

City, County, State WENONA, IL
Gen. Loc. SW CORNER OF IL RTE. 17 & 1ST NORTH ST.
Recorded Size/Material/Type 1" PLASTIC WATER LINE
Foreman/Truck#/Form By M. NELSON / 2211 M. ARMSTRONG

Description: (CP 1040) MAG NAIL FOUND, 17 1/2 RT OF SURVEY
CL STA. 578+052, IL RTE 17

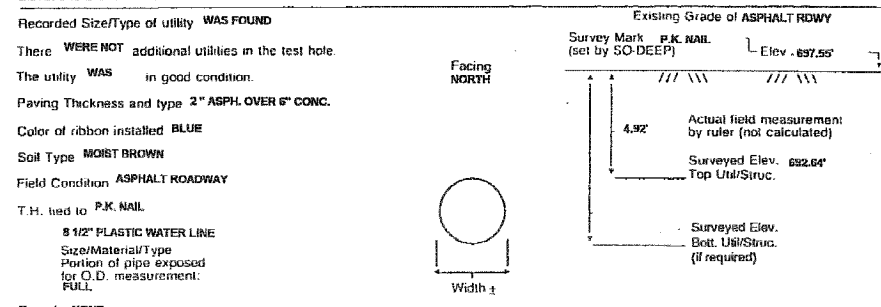
Description: (CP 1000) MAG NAIL FOUND, 16 1/2 RT OF SURVEY
CL STA. 573+445, IL RTE 17

B.M. 1 Elev. = 696.50'
is GIVEN

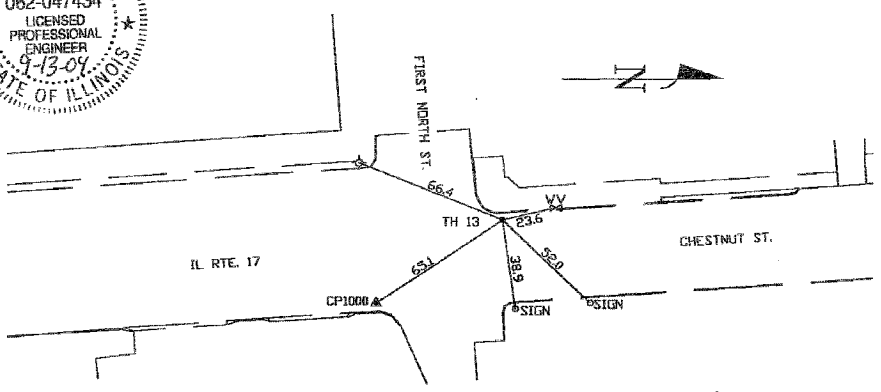
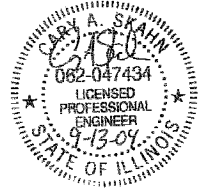
B.M. 2 Elev. = 697.86'
is GIVEN

Benchmarks check BY 0.04'
Elevations are referenced to B.M.#2

SO-DEEP will attempt to use the BMA# most applicable to your design. If however, BMs differ by more than .05', resulting differences could cause design conflicts.



Remarks: NONE



RW = Rights of Way	T.C. = Terra Cotta	0.5" = 1"	○ Sewer Manhole
N.T.S. = Not to Scale	PLAS. = Plastic	.16" = 2"	● Test Hole
* = Not Shown on Plan	BL. = Base Line	.25" = 3"	⊕ Fire Hydrant
PCC = Precast Concrete	ELEC. = Electric	.33" = 4"	□ Pole
CONC. = Concrete	TELE. = Telephone	.42" = 5"	--- Fence Line
O.D. = Outside Diameter	T.H. = Test Hole	.50" = 6"	⊕ Electric Manhole
CL = Cast Iron	SW = Sidewalk	.58" = 7"	⊕ T.S. = Traverse Station
D.I. = Ductile Iron	DW = Driveway	.67" = 8"	⊕ Valve
RPC = Rough Pour Concrete	DM = Driveway	.75" = 9"	⊕ Water Meter
CL = Cast Iron	BM = Benchmark	.83" = 10"	⊕ Telephone Manhole
	C.B. = Catch Basin	.92" = 11"	⊕ Telephone Pedestal
	GV = Gas Valve		

Performing out-of-sight work...with vision!
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.

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 # SIL3418
Test Hole # 14
Plan Scale 1" = 20'
Sheet # 6 OF 10
Proposed STORM PIPE
Date AUGUST 28, 2004

City, County, State WENONA, IL
Gen. Loc. SE CORNER OF IL RTE. 17 & 1ST NORTH ST.
Recorded Size/Material/Type 2" PLASTIC COATED STEEL GAS LINE
Foreman/Truck#/Form By M. NELSON / 2211 M. ARMSTRONG

Description: (CP 1040) MAG NAIL FOUND, 17 1/2 RT OF SURVEY
CL STA. 578+052, IL RTE 17

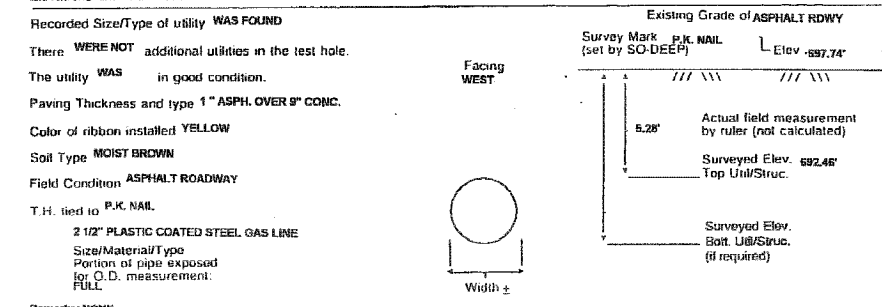
Description: (CP 1000) MAG NAIL FOUND, 16 1/2 RT OF SURVEY
CL STA. 573+445, IL RTE 17

B.M. 1 Elev. = 696.50'
is GIVEN

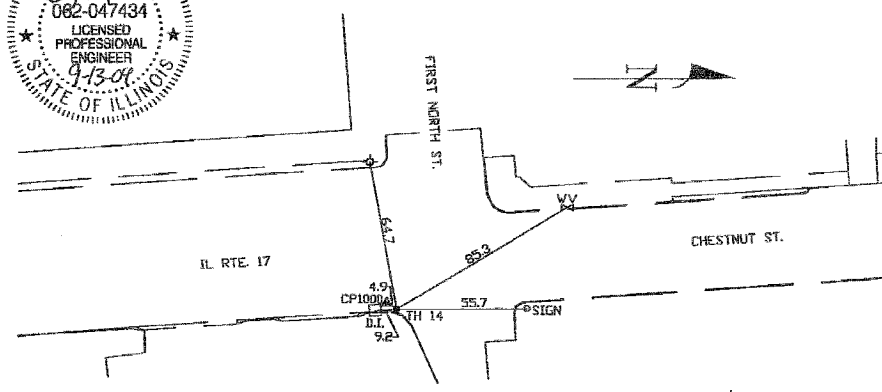
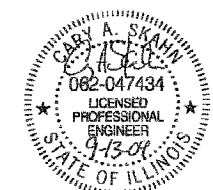
B.M. 2 Elev. = 697.86'
is GIVEN

Benchmarks check BY 0.04'
Elevations are referenced to B.M.#2

SO-DEEP will attempt to use the BMA# most applicable to your design. If however, BMs differ by more than .05', resulting differences could cause design conflicts.



Remarks: NONE



RW = Rights of Way	T.C. = Terra Cotta	0.5" = 1"	○ Sewer Manhole
N.T.S. = Not to Scale	PLAS. = Plastic	.16" = 2"	● Test Hole
* = Not Shown on Plan	BL. = Base Line	.25" = 3"	⊕ Fire Hydrant
PCC = Precast Concrete	ELEC. = Electric	.33" = 4"	□ Pole
CONC. = Concrete	TELE. = Telephone	.42" = 5"	--- Fence Line
O.D. = Outside Diameter	T.H. = Test Hole	.50" = 6"	⊕ Electric Manhole
CL = Cast Iron	SW = Sidewalk	.58" = 7"	⊕ T.S. = Traverse Station
D.I. = Ductile Iron	DW = Driveway	.67" = 8"	⊕ Valve
RPC = Rough Pour Concrete	DM = Driveway	.75" = 9"	⊕ Water Meter
CL = Cast Iron	BM = Benchmark	.83" = 10"	⊕ Telephone Manhole
	C.B. = Catch Basin	.92" = 11"	⊕ Telephone Pedestal
	GV = Gas Valve		

Performing out-of-sight work...with vision!
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.

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 # SIL3418
Test Hole # 15
Plan Scale 1" = 20'
Sheet # 6 OF 10
Proposed STORM PIPE
Date AUGUST 28, 2004

City, County, State WENONA, IL
Gen. Loc. W SIDE OF RTE. 17, 21 1/2 S OF 2ND NORTH ST.
Recorded Size/Material/Type 1" PLASTIC WATER LINE
Foreman/Truck#/Form By M. NELSON / 2211 M. ARMSTRONG

Description: (CP 1040) MAG NAIL FOUND, 17 1/2 RT OF SURVEY
CL STA. 578+052, IL RTE 17

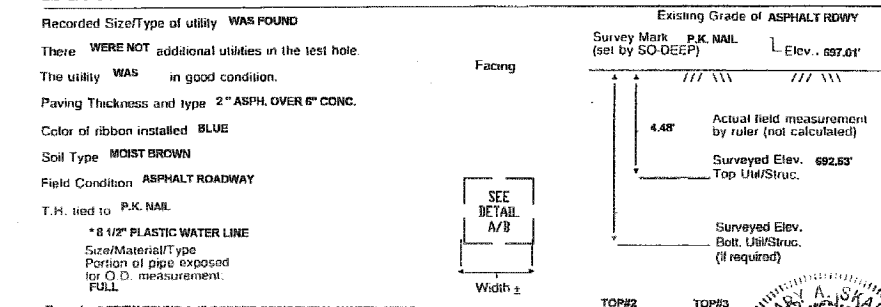
Description: (CP 1000) MAG NAIL FOUND, 16 1/2 RT OF SURVEY
CL STA. 573+445, IL RTE 17

B.M. 1 Elev. = 696.50'
is GIVEN

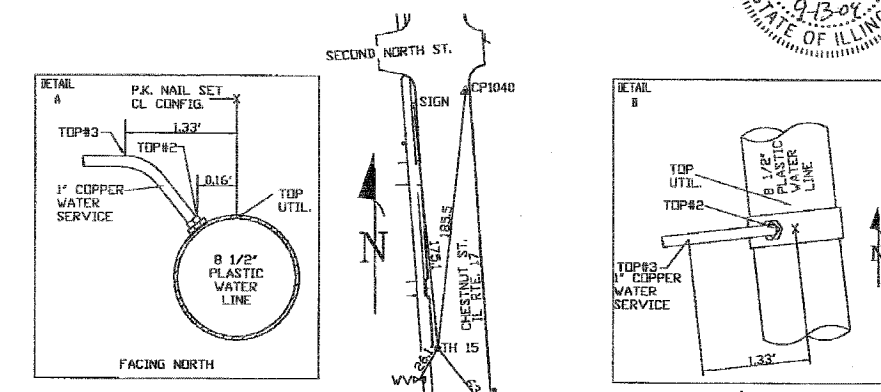
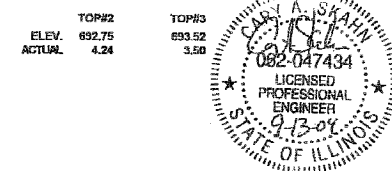
B.M. 2 Elev. = 697.86'
is GIVEN

Benchmarks check BY 0.04'
Elevations are referenced to B.M.#2

SO-DEEP will attempt to use the BMA# most applicable to your design. If however, BMs differ by more than .05', resulting differences could cause design conflicts.



Remarks: CREW FOUND A 1" COPPER RESIDENTIAL WATER SERVICE TAPPING INTO THE 6" WATER LINE AT THIS LOCATION.



RW = Rights of Way	T.C. = Terra Cotta	0.5" = 1"	○ Sewer Manhole
N.T.S. = Not to Scale	PLAS. = Plastic	.16" = 2"	● Test Hole
* = Not Shown on Plan	BL. = Base Line	.25" = 3"	⊕ Fire Hydrant
PCC = Precast Concrete	ELEC. = Electric	.33" = 4"	□ Pole
CONC. = Concrete	TELE. = Telephone	.42" = 5"	--- Fence Line
O.D. = Outside Diameter	T.H. = Test Hole	.50" = 6"	⊕ Electric Manhole
CL = Cast Iron	SW = Sidewalk	.58" = 7"	⊕ T.S. = Traverse Station
D.I. = Ductile Iron	DW = Driveway	.67" = 8"	⊕ Valve
RPC = Rough Pour Concrete	DM = Driveway	.75" = 9"	⊕ Water Meter
CL = Cast Iron	BM = Benchmark	.83" = 10"	⊕ Telephone Manhole
	C.B. = Catch Basin	.92" = 11"	⊕ Telephone Pedestal
	GV = Gas Valve		

Performing out-of-sight work...with vision!
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.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 17 AND
2ND NORTH STREET
TEST HOLE CERTIFICATION FORMS

SCALE: NTS
DATE: MARCH, 2005
DRAWN BY: DR
CHECKED BY: JMH

COLLINS ENGINEERS INC.
123 N. WACKER DR., SUITE 300
CHICAGO, IL 60606
(312) 704-8300
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-000983

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64967(R)RS 21	MARSHALL	74	73	
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

City, County, State WENONA, IL
Gen. Loc. SW CORNER OF IL RTE. 17 & 2ND NORTH ST.
Recorded Size/Material/Type 8" PLASTIC WATER LINE
Foreman/Truck#/Form By M. NELSON / 221/M. ARMSTRONG

Control # SIL9418
Test Hole # 16
Plan Scale 1" = 20'
Sheet # 4 OF 10
Proposed STORM PIPE
Date AUGUST 28, 2004

Condition of paving prior to work
NO PAVING

B.M. 1 Elev. = 696.50'
is GIVEN

Description: (CP 1040) MAG NAIL FOUND, 17 1/2 RT OF SURVEY
CL STA. 578+092, IL RTE 17

SO-DEEP will attempt to use the BM#1 most applicable to your design. If however, BMs differ by more than .05', resulting differences could cause design conflicts.

B.M. 2 Elev. = 696.15'
is GIVEN

Description: (CP 1042) MAG NAIL FOUND, 15 1/2 RT OF SURVEY
CL STA. 584+922, IL RTE 17

Benchmarks check BY 0.02'
Elevations are referenced to B.M.#2

Recorded Size/Type of utility WAS FOUND

Existing Grade of ASPHALT RDWY

There WERE NOT additional utilities in the test hole.

Survey Mark P.K. NAIL (set by SO-DEEP) Elev. = 696.47'

The utility WAS in good condition.

Facing NORTH

Paving Thickness and type 2 1/2" ASPH. OVER 6" CONC.

Color of ribbon installed BLUE

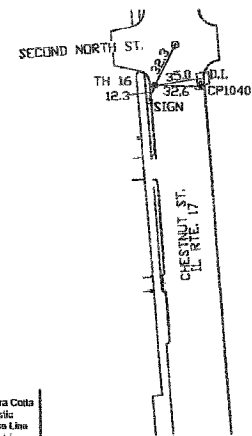
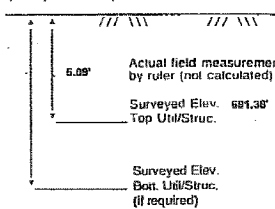
Soil Type MOIST BROWN

Field Condition ASPHALT ROADWAY

T.H. tied to P.K. NAIL

8 1/2" PLASTIC WATER LINE
Size/Material/Type
Position of pipe exposed for O.D. measurement: FULL

Remarks: NONE



RAW = Right of Way	T.C. = Terra Cotta
N.T.S. = Not to Scale	PLAS. = Plastic
* = Not Shown on Plan	BL. = Base Line
PCD = Precast Concrete	ELEC. = Electric
COND. = Conduit	TELE. = Telephone
CONC. = Concrete	T.H. = Test Hole
O.D. = Outside Diameter	SW. = Sidewalk
C.I. = Cast Iron	DW. = Driveway
D.I. = Ductile Iron	BM. = Benchmark
RPC = Rough Pour Concrete	C.B. = Catch Basin
CL = Centerline	GV = Gas Valve

Performing out-of-sight work...with vision!SM
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.

0.8" - 1"	○ Sewer Manhole
.16" - 2"	⊗ Test Hole
.25" - 3"	⊕ Fire Hydrant
.33" - 4"	□ Pole
.42" - 5"	⊖ Electric Manhole
.50" - 6"	⊕ T.S. = Traversing Station
.58" - 7"	⊖ Valve
.67" - 8"	⊕ Water Meter
.75" - 9"	⊖ Telephone Manhole
.83" - 10"	⊕ Telephone Pedestal
.92" - 11"	

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

City, County, State WENONA, IL
Gen. Loc. W SIDE OF RTE. 17, 22 1/2 S OF 3RD NORTH ST.
Recorded Size/Material/Type 8" PLASTIC WATER LINE
Foreman/Truck#/Form By M. NELSON / 221/M. ARMSTRONG

Control # SIL9418
Test Hole # 17
Plan Scale 1" = 20'
Sheet # 4 OF 10
Proposed CATCH BASIN
Date AUGUST 28, 2004

Condition of paving prior to work
NO PAVING

B.M. 1 Elev. = 696.50'
is GIVEN

Description: (CP 1040) MAG NAIL FOUND, 17 1/2 RT OF SURVEY
CL STA. 578+092, IL RTE 17

SO-DEEP will attempt to use the BM#1 most applicable to your design. If however, BMs differ by more than .05', resulting differences could cause design conflicts.

B.M. 2 Elev. = 696.15'
is GIVEN

Description: (CP 1042) MAG NAIL FOUND, 15 1/2 RT OF SURVEY
CL STA. 584+922, IL RTE 17

Benchmarks check BY 0.02'
Elevations are referenced to B.M.#2

Recorded Size/Type of utility WAS FOUND

Existing Grade of GRASS RAW

There WERE NOT additional utilities in the test hole.

Survey Mark PEG (set by SO-DEEP) Elev. = 697.05'

The utility WAS in good condition.

Facing NORTH

Paving Thickness and type NO PAVING

Color of ribbon installed BLUE

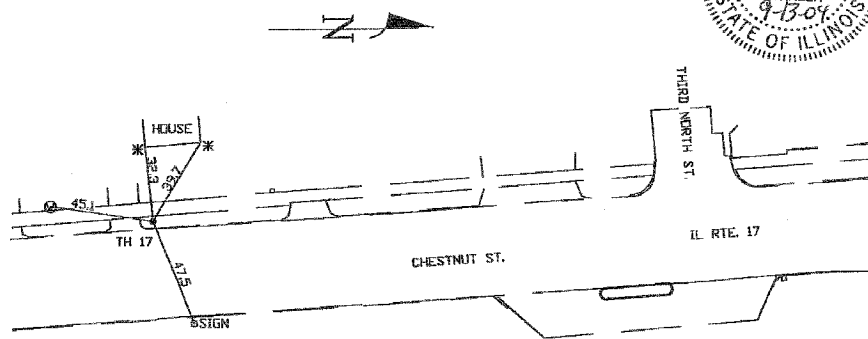
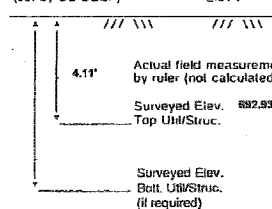
Soil Type MOIST BROWN

Field Condition GRASS RAW

T.H. tied to PEG

8 1/2" PLASTIC WATER LINE
Size/Material/Type
Portion of pipe exposed for O.D. measurement: FULL

Remarks: NONE



RAW = Right of Way	T.C. = Terra Cotta
N.T.S. = Not to Scale	PLAS. = Plastic
* = Not Shown on Plan	BL. = Base Line
PCD = Precast Concrete	ELEC. = Electric
COND. = Conduit	TELE. = Telephone
CONC. = Concrete	T.H. = Test Hole
O.D. = Outside Diameter	SW. = Sidewalk
C.I. = Cast Iron	DW. = Driveway
D.I. = Ductile Iron	BM. = Benchmark
RPC = Rough Pour Concrete	C.B. = Catch Basin
CL = Centerline	GV = Gas Valve

Performing out-of-sight work...with vision!SM
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.

0.8" - 1"	○ Sewer Manhole
.16" - 2"	⊗ Test Hole
.25" - 3"	⊕ Fire Hydrant
.33" - 4"	□ Pole
.42" - 5"	⊖ Electric Manhole
.50" - 6"	⊕ T.S. = Traversing Station
.58" - 7"	⊖ Valve
.67" - 8"	⊕ Water Meter
.75" - 9"	⊖ Telephone Manhole
.83" - 10"	⊕ Telephone Pedestal
.92" - 11"	

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

City, County, State WENONA, IL
Gen. Loc. SW CORNER OF IL RTE. 17 & THIRD NORTH ST.
Recorded Size/Material/Type 8" PLASTIC WATER LINE
Foreman/Truck#/Form By M. NELSON / 221/M. ARMSTRONG

Control # SIL9418
Test Hole # 18
Plan Scale 1" = 20'
Sheet # 5 OF 10
Proposed CATCH BASIN
Date AUGUST 28, 2004

Condition of paving prior to work
NO PAVING

B.M. 1 Elev. = 696.50'
is GIVEN

Description: (CP 1040) MAG NAIL FOUND, 17 1/2 RT OF SURVEY
CL STA. 578+092, IL RTE 17

SO-DEEP will attempt to use the BM#1 most applicable to your design. If however, BMs differ by more than .05', resulting differences could cause design conflicts.

B.M. 2 Elev. = 696.15'
is GIVEN

Description: (CP 1042) MAG NAIL FOUND, 15 1/2 RT OF SURVEY
CL STA. 584+922, IL RTE 17

Benchmarks check BY 0.02'
Elevations are referenced to B.M.#2

Recorded Size/Type of utility WAS FOUND

Existing Grade of GRASS RAW

There WERE NOT additional utilities in the test hole.

Survey Mark PEG (set by SO-DEEP) Elev. = 697.15'

The utility WAS in good condition.

Facing NORTH

Paving Thickness and type NO PAVING

Color of ribbon installed BLUE

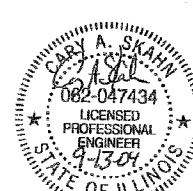
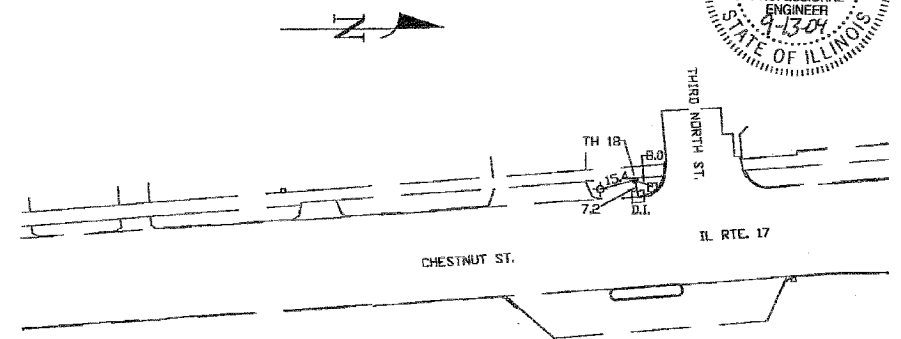
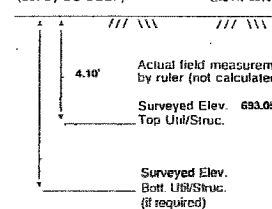
Soil Type MOIST BROWN

Field Condition GRASS RAW

T.H. tied to PEG

8 1/2" PLASTIC WATER LINE
Size/Material/Type
Portion of pipe exposed for O.D. measurement: FULL

Remarks: NONE



RAW = Right of Way	T.C. = Terra Cotta
N.T.S. = Not to Scale	PLAS. = Plastic
* = Not Shown on Plan	BL. = Base Line
PCD = Precast Concrete	ELEC. = Electric
COND. = Conduit	TELE. = Telephone
CONC. = Concrete	T.H. = Test Hole
O.D. = Outside Diameter	SW. = Sidewalk
C.I. = Cast Iron	DW. = Driveway
D.I. = Ductile Iron	BM. = Benchmark
RPC = Rough Pour Concrete	C.B. = Catch Basin
CL = Centerline	GV = Gas Valve

Performing out-of-sight work...with vision!SM
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.

0.8" - 1"	○ Sewer Manhole
.16" - 2"	⊗ Test Hole
.25" - 3"	⊕ Fire Hydrant
.33" - 4"	□ Pole
.42" - 5"	⊖ Electric Manhole
.50" - 6"	⊕ T.S. = Traversing Station
.58" - 7"	⊖ Valve
.67" - 8"	⊕ Water Meter
.75" - 9"	⊖ Telephone Manhole
.83" - 10"	⊕ Telephone Pedestal
.92" - 11"	

REVISIONS	
NAME	DATE

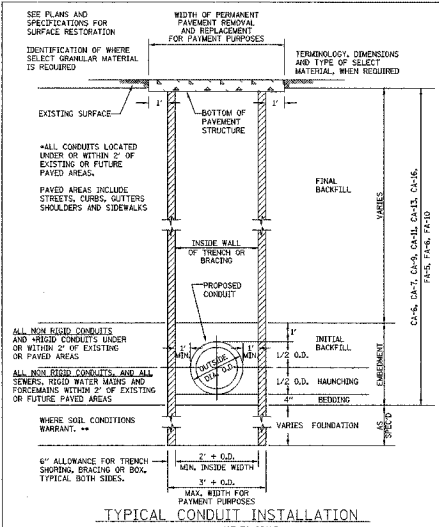
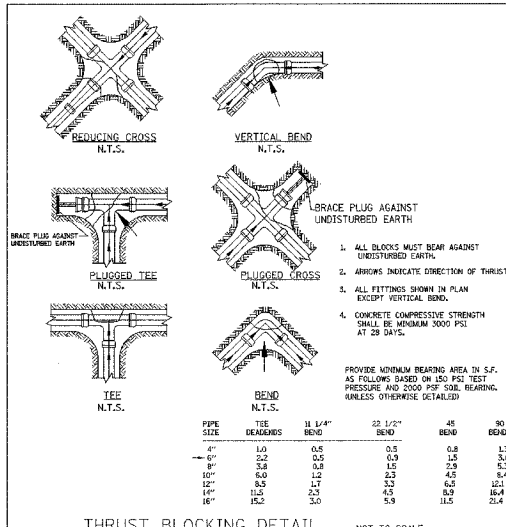
COLLINS ENGINEERS
123 N. WACKER DR., SUITE 300
CHICAGO, IL 60606
(312) 704-9300
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-000983

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 17 AND
2ND NORTH STREET
TEST HOLE CERTIFICATION FORMS
SCALE: NTS
DATE MARCH, 2005
DRAWN BY DR
CHECKED BY JMH

STANDARD WATERMAIN NOTES - 2005 - CITY OF WENONA

GENERAL NOTES FOR WATERMAIN

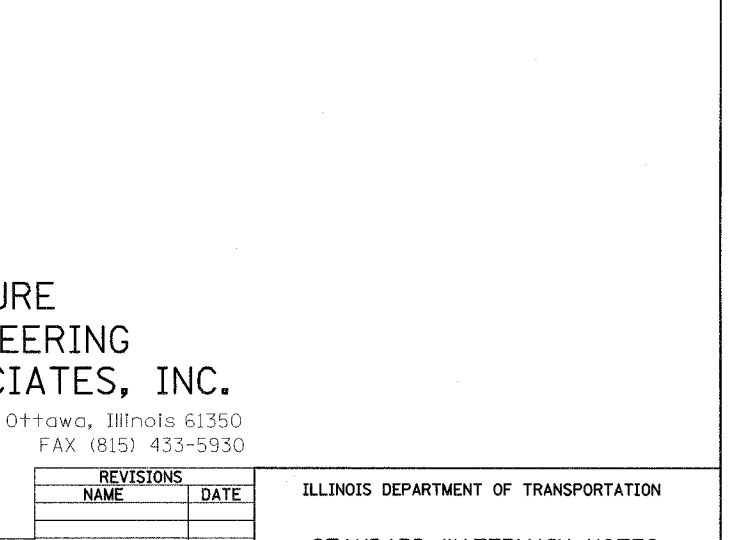
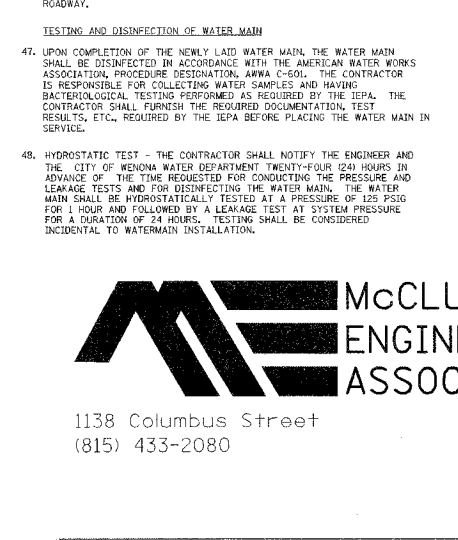
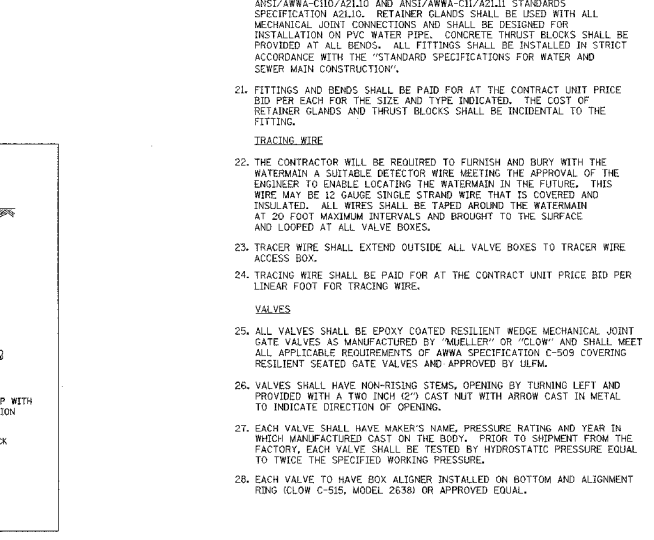
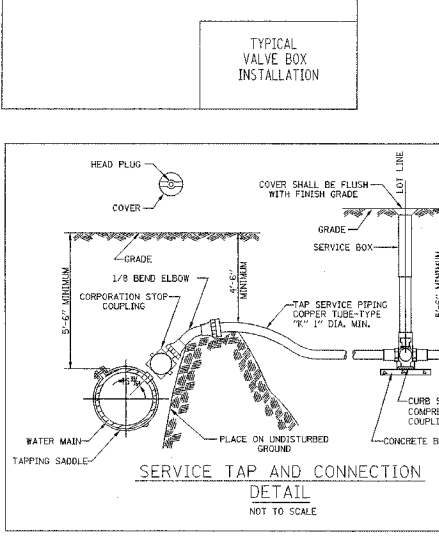
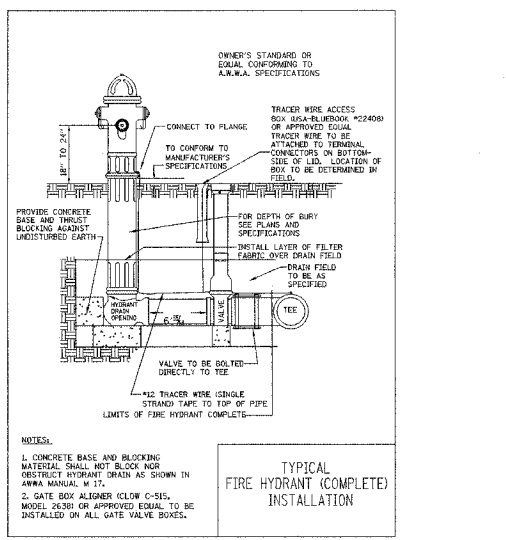
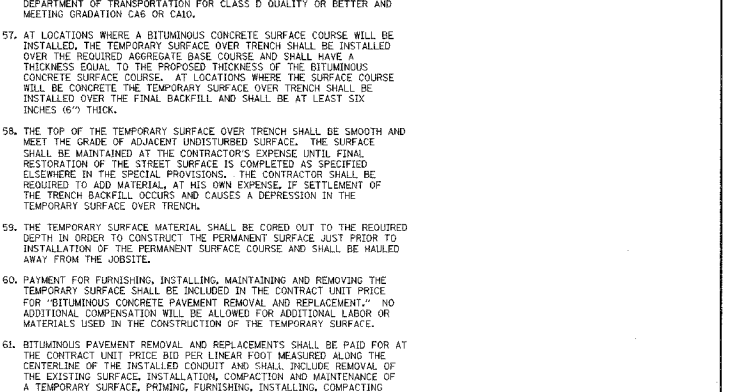
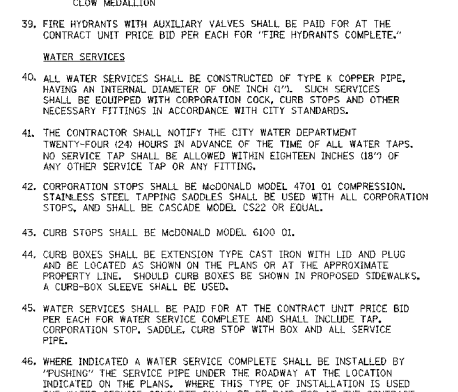
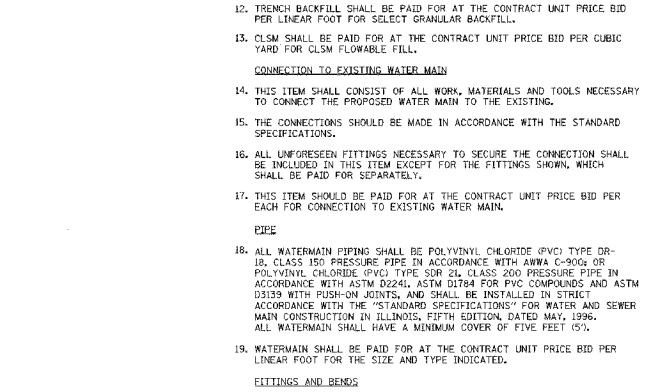
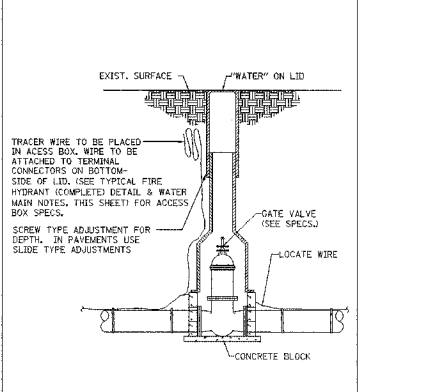
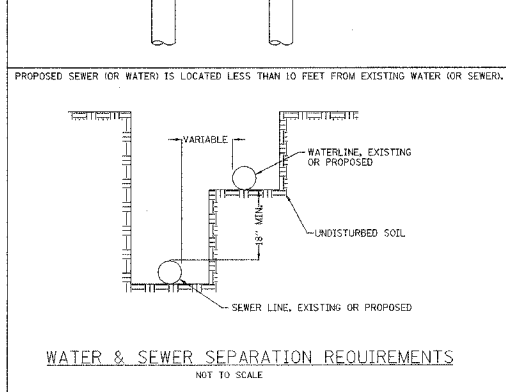
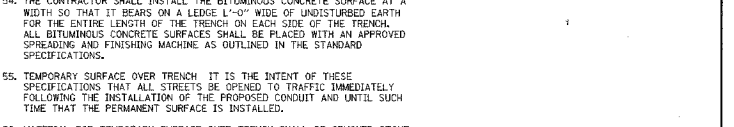
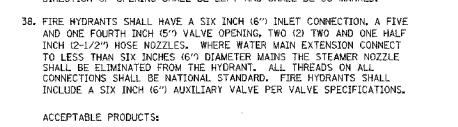
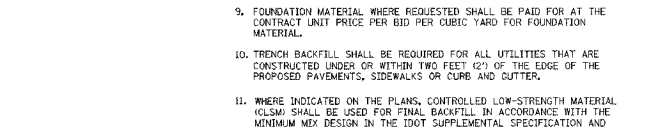
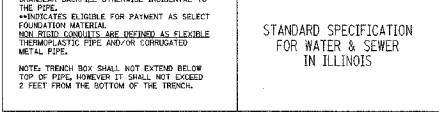
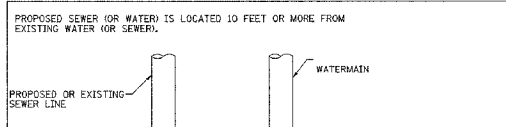
F.A.P. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	67(DRS 2&I)	MARSHALL	74	74
STA.	TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
D-93-053-03 CONTRACT NUMBER 66403				



- WATERMAIN CONSTRUCTION**
- WATER SERVICE LINES SHALL BE PROTECTED FROM SANITARY SEWERS, STORM SEWERS, COMBINED SEWERS, SEWER SERVICE CONNECTIONS AND DRAINS IN ACCORDANCE WITH TITLE 35, ENVIRONMENTAL PROTECTION AGENCY SUBTITLE 2, PUBLIC WATER SUPPLIES, CHAPTER 11, ENVIRONMENTAL PROTECTION AGENCY, PARTS 651-654 TECHNICAL POLICY STATEMENTS, SECTION 653.13.
 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER OF ANY DIFFERENCES IN, OR CONTRADICTIONS BETWEEN THE PLANS AND THE SPECIFICATIONS.
 - THE COST OF EXPLORATORY EXCAVATION FOR UTILITY LOCATIONS INCLUDING EXISTING WATER SERVICES SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT UNIT PRICE BID PER LINEAR FOOT FOR WATER AND/OR SEWER MAIN UNLESS SPECIFICALLY CALLED FOR AT LOCATIONS SHOWN ON THE PLANS.
 - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY FOR Dewatering WHERE NECESSARY. THE COST FOR THIS ITEM SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT UNIT PRICE BID PER LINEAR FOOT FOR WATER AND/OR SEWER MAIN.
 - ALL RUBBLE AND EXCESS EXCAVATED MATERIAL GENERATED BY CONSTRUCTION SHALL BE KEPT SEPARATE AND DISPOSED OF BY THE CONTRACTOR AT LOCATIONS SECURED BY THE CONTRACTOR.
 - TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" IN EFFECT ON THE DATE OF THE INVITATION FOR BIDS. THE COST OF TRAFFIC CONTROL SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT UNIT PRICE BID PER LINEAR FOOT FOR WATER AND/OR SEWER MAIN.

- FOUNDATION MATERIAL**
- FOUNDATION MATERIAL WHERE REQUESTED SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE BID PER CUBIC YARD FOR FOUNDATION MATERIAL.
 - TRENCH BACKFILL SHALL BE REQUIRED FOR ALL UTILITIES THAT ARE CONSTRUCTED UNDER OR WITHIN TWO FEET (2') OF THE EDGE OF THE PROPOSED PAVEMENT, SIDEWALKS OR CURB AND GUTTER.
 - WHERE INDICATED ON THE PLANS, CONTROLLED LOW-STRENGTH MATERIAL (CLSM) SHALL BE USED FOR FINAL BACKFILL IN ACCORDANCE WITH THE MINIMUM MIX DESIGN IN THE IDOT SUPPLEMENTAL SPECIFICATION AND REQUIRING SPECIAL PROVISIONS.
 - CLSM SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE BID PER CUBIC YARD FOR CLSM FLOWABLE FILL.
 - TRENCH BACKFILL SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE BID PER LINEAR FOOT FOR SELECT GRANULAR BACKFILL.
 - TRENCH BACKFILL SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE BID PER CUBIC YARD FOR CLSM FLOWABLE FILL.
 - CONNECTION TO EXISTING WATER MAIN
 - THIS ITEM SHALL CONSIST OF ALL WORK, MATERIALS AND TOOLS NECESSARY TO CONNECT THE PROPOSED WATER MAIN TO THE EXISTING.
 - THE CONNECTIONS SHOULD BE MADE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
 - ALL UNGROUNDED FITTINGS NECESSARY TO SECURE THE CONNECTION SHALL BE INCLUDED IN THIS ITEM EXCEPT FOR THE FITTINGS SHOWN, WHICH SHALL BE PAID FOR SEPARATELY.
 - THIS ITEM SHOULD BE PAID FOR AT THE CONTRACT UNIT PRICE BID PER EACH FOR CONNECTION TO EXISTING WATER MAIN.

- PIPE**
- ALL WATERMAIN PIPING SHALL BE POLYVINYL CHLORIDE (PVC) TYPE DR-18, CLASS 150 PRESSURE PIPE IN ACCORDANCE WITH ANRW C-902 OR POLYETHYLENE GLYCOL (PE) TYPE SR-24 CLASS 200 PRESSURE PIPE IN ACCORDANCE WITH ASTM D2241, ASTM D1784 FOR PVC COMPOUNDS AND ASTM D3515 WITH PUSH-ON JOINTS, AND SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE "STANDARD SPECIFICATIONS" FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, FIFTH EDITION, DATED MAY, 1996. ALL WATERMAIN SHALL HAVE A MINIMUM COVER OF FIVE FEET (5').
 - WATERMAIN SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE BID PER LINEAR FOOT FOR THE SIZE AND TYPE INDICATED.
- FITTINGS AND BENDS**
- FITTINGS SHALL BE MECHANICAL JOINT CAST IRON CONFORMING TO ANSI/AWWA-C10/A2110 AND ANSI/AWWA-C11/A2111 STANDARDS SPECIFICATION A21.0. RETAINER GLANDS SHALL BE USED WITH ALL MECHANICAL JOINT CONNECTIONS AND SHALL BE DESIGNED FOR INSTALLATION ON PVC WATER PIPE. CONCRETE THRUST BLOCKS SHALL BE PROVIDED AT ALL BENDS. ALL FITTINGS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE "STANDARD SPECIFICATIONS" FOR WATER AND SEWER MAIN CONSTRUCTION.
 - FITTINGS AND BENDS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE BID PER EACH FOR THE SIZE AND TYPE INDICATED. THE COST OF RETAINER GLANDS AND THRUST BLOCKS SHALL BE INCIDENTAL TO THE FITTING.
- TRACING WIRE**
- THE CONTRACTOR WILL BE REQUIRED TO FURNISH AND BURY WITH THE WATERMAIN A SUITABLE DETECTOR WIRE MEETING THE APPROVAL OF THE ENGINEER TO ENABLE LOCATING THE WATERMAIN IN THE FUTURE. THIS WIRE MAY BE 12 GAUGE SINGLE STRAND WIRE THAT IS COVERED AND INSULATED. ALL WIRES SHALL BE TAPED AROUND THE WATERMAIN AT 20 FOOT MAXIMUM INTERVALS AND BROUGHT TO THE SURFACE AND LOOPED AT ALL VALVE BOXES.
 - TRACER WIRE SHALL EXTEND OUTSIDE ALL VALVE BOXES TO TRACER WIRE ACCESS BOX.
 - TRACING WIRE SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE BID PER LINEAR FOOT FOR TRACING WIRE.
- VALVES**
- ALL VALVES SHALL BE EPXY COATED RESILIENT WEDGE MECHANICAL JOINT GATE VALVES AS MANUFACTURED BY "MUELLER" OR "CLOW" AND SHALL MEET ALL APPLICABLE REQUIREMENTS OF AWWA SPECIFICATION C-509 COVERING RESILIENT SEATED GATE VALVES AND APPROVED BY IEPA.
 - VALVES SHALL HAVE NON-RISING STEMS, OPENING BY TURNING LEFT AND PROVIDED WITH A TWO INCH (2") CAST NUT WITH ARROW CAST IN METAL TO INDICATE DIRECTION OF OPENING.
 - EACH VALVE SHALL HAVE MAKER'S NAME, PRESSURE RATING AND YEAR IN WHICH MANUFACTURED CAST ON THE BODY. PRIOR TO SHIPMENT FROM THE FACTORY, EACH VALVE SHALL BE TESTED BY HYDROSTATIC PRESSURE EQUAL TO TWICE THE SPECIFIED WORKING PRESSURE.
 - EACH VALVE TO HAVE BOX ALIGNER INSTALLED ON BOTTOM AND ALIGNMENT RING (CLOW C-515, MODEL 2638) OR APPROVED EQUAL.



- BITUMINOUS CONCRETE PAVEMENT REMOVAL AND REPLACEMENT - 3" ASPHALT OVER 8" AGGREGATE BASE**
- WHERE SHOWN ON THE DRAWINGS THE CONTRACTOR SHALL REMOVE THE EXISTING BITUMINOUS ROADWAY (BITUMINOUS CONCRETE OR BUILDUP OF MANY A-3 BITUMINOUS SURFACE TREATMENTS) AND AGGREGATE BASE AS REQUIRED TO CONSTRUCT THE PROPOSED IMPROVEMENTS. ALL SUCH SURFACES OVER THE TRENCH SHALL BE REPLACED WITH BITUMINOUS CONCRETE SURFACE COURSE OVER AGGREGATE BASE COURSE AS DESCRIBED HEREIN.
 - ALL EXISTING BITUMINOUS PAVEMENT WHICH IS REMOVED SHALL BE HAULED FROM THE SITE AND NOT MIXED WITH TRENCH BACKFILL MATERIAL. PRIOR TO INSTALLING NEW BITUMINOUS CONCRETE OVER THE TRENCH, THE EXISTING BITUMINOUS CONCRETE PAVEMENT SHALL BE SAW CUT ALONG A STRAIGHT LINE WHERE IT SHALL BE ADJACENT TO THE NEW BITUMINOUS CONCRETE. EXISTING BITUMINOUS TREATED SURFACES (OIL AND CHIP) SHALL NOT REQUIRE SAW CUTTING BUT SHALL HAVE A REASONABLY STRAIGHT LINE WHERE IT ADJUTS THE NEW BITUMINOUS CONCRETE MATERIAL.
 - WHERE SELECT GRANULAR BACKFILL IS USED AS FINAL BACKFILL THE MATERIAL SHALL BE IN PLACE FOR 30 DAYS AND SHALL BE JETTED PRIOR TO INSTALLATION OF THE BITUMINOUS CONCRETE SURFACE COURSE OVER THE TRENCH. THE AGGREGATE BASE COURSE SHALL BE INSTALLED AND COMPACTED PRIOR TO INSTALLING THE BITUMINOUS CONCRETE SURFACE. IF A TEMPORARY SURFACE OVER TRENCH HAS BEEN INSTALLED, IT SHALL BE REMOVED PRIOR TO INSTALLING THE BITUMINOUS CONCRETE SURFACE. THE AGGREGATE BASE COURSE SHALL BE WORKED UNTIL THE PROPER SHAPE AND ELEVATION ARE ACHIEVED SUCH THAT WHEN THE PROPOSED BITUMINOUS CONCRETE SURFACE COURSE IS INSTALLED TO THE THICKNESS DESIGNATED ON THE DRAWINGS, IT SHALL MATCH THE ELEVATION AND CROSS SECTION OF THE EXISTING PAVEMENT.
 - AGGREGATE BASE COURSE MATERIAL SHALL BE CRUSHED STONE MEETING THE CA-6 OR CA-10 GRADATION AND THE CLASS D OR BETTER QUALITY CONFORMING TO THE CURRENT SPECIFICATIONS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION FOR ROAD AND BRIDGE CONSTRUCTION. AGGREGATE BASE COURSE SHALL BE COMPACTED TO A MINIMUM OF 95% OF THE STANDARD PROCTOR TEST.
 - THE MATERIALS AND INSTALLATION OF THE BITUMINOUS CONCRETE SHALL BE DONE IN ACCORDANCE WITH SECTION 406 OF THE CURRENT EDITION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 - THE CONTRACTOR SHALL INSTALL THE BITUMINOUS CONCRETE SURFACE AT A WIDTH SO THAT IT BEARS ON A LEDGE 1'-0" WIDE OF UNDISTURBED EARTH FOR THE ENTIRE LENGTH OF THE TRENCH ON EACH SIDE OF THE TRENCH. ALL BITUMINOUS CONCRETE SURFACES SHALL BE PLACED WITH AN APPROVED SPREADING AND FINISHING MACHINE AS OUTLINED IN THE STANDARD SPECIFICATIONS.
 - TEMPORARY SURFACE OVER TRENCH IT IS THE INTENT OF THESE SPECIFICATIONS THAT ALL STREETS BE OPENED TO TRAFFIC IMMEDIATELY FOLLOWING THE INSTALLATION OF THE PROPOSED CONDUIT AND UNTIL SUCH TIME THAT THE PERMANENT SURFACE IS INSTALLED.
 - MATERIAL FOR TEMPORARY SURFACE OVER TRENCH SHALL BE CRUSHED STONE CONFORMING TO THE CURRENT SPECIFICATIONS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION FOR CLASS D QUALITY OR BETTER MEETING GRADATION CA6 OR CA10.
 - AT LOCATIONS WHERE A BITUMINOUS CONCRETE SURFACE COURSE WILL BE INSTALLED, THE TEMPORARY SURFACE OVER TRENCH SHALL BE INSTALLED OVER THE REQUIRED AGGREGATE BASE COURSE AND SHALL HAVE A THICKNESS EQUAL TO THE PROPOSED THICKNESS OF THE BITUMINOUS CONCRETE SURFACE COURSE. AT LOCATIONS WHERE THE SURFACE COURSE WILL BE CONCRETE, THE TEMPORARY SURFACE OVER TRENCH SHALL BE INSTALLED OVER THE FINAL BACKFILL AND SHALL BE AT LEAST SIX INCHES (6") THICK.
 - THE TOP OF THE TEMPORARY SURFACE OVER TRENCH SHALL BE SMOOTH AND MEET THE GRADE OF ADJACENT UNDISTURBED SURFACE. THE SURFACE SHALL BE MAINTAINED AT THE CONTRACTOR'S EXPENSE UNTIL FINAL RESTORATION OF THE STREET SURFACE IS COMPLETED AS SPECIFIED HEREIN IN THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL BE REQUIRED TO ADD MATERIAL, AT HIS OWN EXPENSE, IF SETTLEMENT OF THE TRENCH BACKFILL OCCURS AND CAUSES A DEPRESSION IN THE TEMPORARY SURFACE OVER TRENCH.
 - THE TEMPORARY SURFACE MATERIAL SHALL BE CURED OUT TO THE REQUIRED DEPTH IN ORDER TO CONSTRUCT THE PERMANENT SURFACE JUST PRIOR TO INSTALLATION OF THE PERMANENT SURFACE COURSE AND SHALL BE HAULED AWAY FROM THE JOBSITE.
 - PAYMENT FOR FURNISHING, INSTALLING, MAINTAINING AND REMOVING THE TEMPORARY SURFACE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "BITUMINOUS CONCRETE PAVEMENT REMOVAL AND REPLACEMENT." NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ADDITIONAL LABOR OR MATERIALS USED IN THE CONSTRUCTION OF THE TEMPORARY SURFACE.
 - BITUMINOUS PAVEMENT REMOVAL AND REPLACEMENTS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE BID PER LINEAR FOOT MEASURED ALONG THE CENTERLINE OF THE INSTALLED CONDUIT AND SHALL INCLUDE REMOVAL OF THE EXISTING SURFACE, INSTALLATION, CONSTRUCTION AND MAINTENANCE OF A TEMPORARY SURFACE, PRIMING, FURNISHING, INSTALLING, COMPACTING AND SHAPING OF THE MATERIAL.

McCLURE ENGINEERING ASSOCIATES, INC.

1138 Columbus Street Ottawa, Illinois 61350
(815) 433-2080 FAX (815) 433-5930

COLLINS ENGINEERS
123 N. WACKER DR., SUITE 300
CHICAGO, IL 60606
(312) 704-9300
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-00993

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		STANDARD WATERMAIN NOTES 2005 CITY OF WENONA
		SCALE: 1:200 DRAWN BY DR
		DATE: MARCH, 2005 CHECKED BY JMH

FILE: 03846-16-04-38460005.dgn
DATE: 19-Oct-04 09:32