

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9177	05-00007-04-PV	ST. CLAIR	36	1
FED. RD. DIST. NO. 8	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 97305

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

**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

VILLAGE OF SHILOH

FAU ROUTE 9177 (SEIBERT ROAD RECONSTRUCTION)

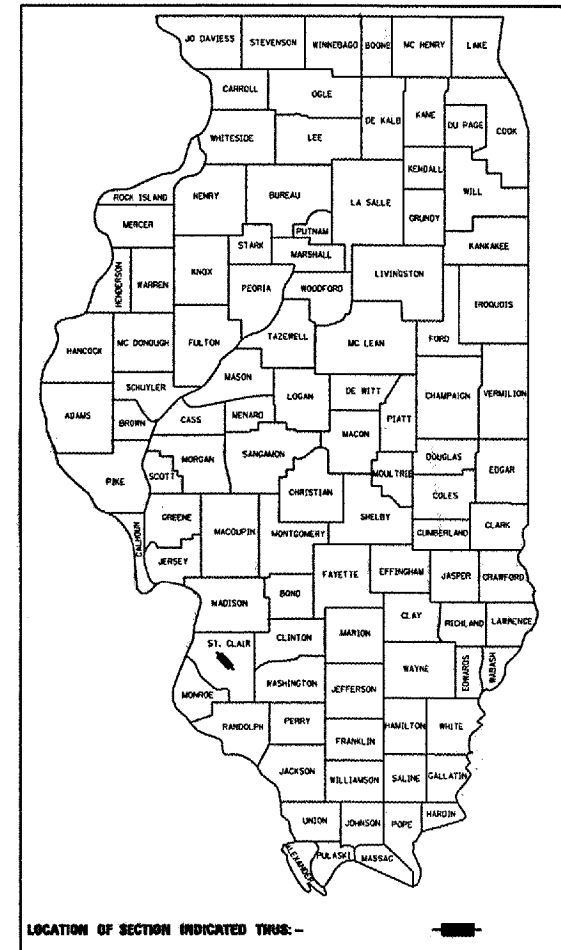
PHASE IV

SECTION 05-00007-04-PV

PROJECT NO. M-5011 (236)

ST. CLAIR COUNTY

C-98-322-07

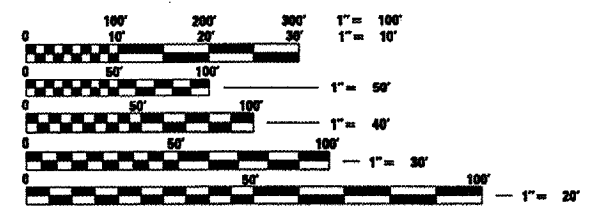


INDEX OF SHEETS

1. COVER SHEET
2. GENERAL NOTES
3. SUMMARY OF QUANTITIES
- 4-5. SCHEDULE OF QUANTITIES
- 6-7. TYPICAL SECTIONS
8. ALIGNMENT, TIES AND BENCHMARKS
- 9-11. PLAN AND PROFILE SHEETS
- 12-13. PAVEMENT MARKING PLAN
- 14-15. RIGHT-OF-WAY SHEETS
16. STORM WATER POLLUTION PREVENTION PLAN
- 17-18. TEMPORARY EROSION CONTROL DETAILS
- 19-24. DRAINAGE SHEETS
- 25-36. CROSS SECTIONS

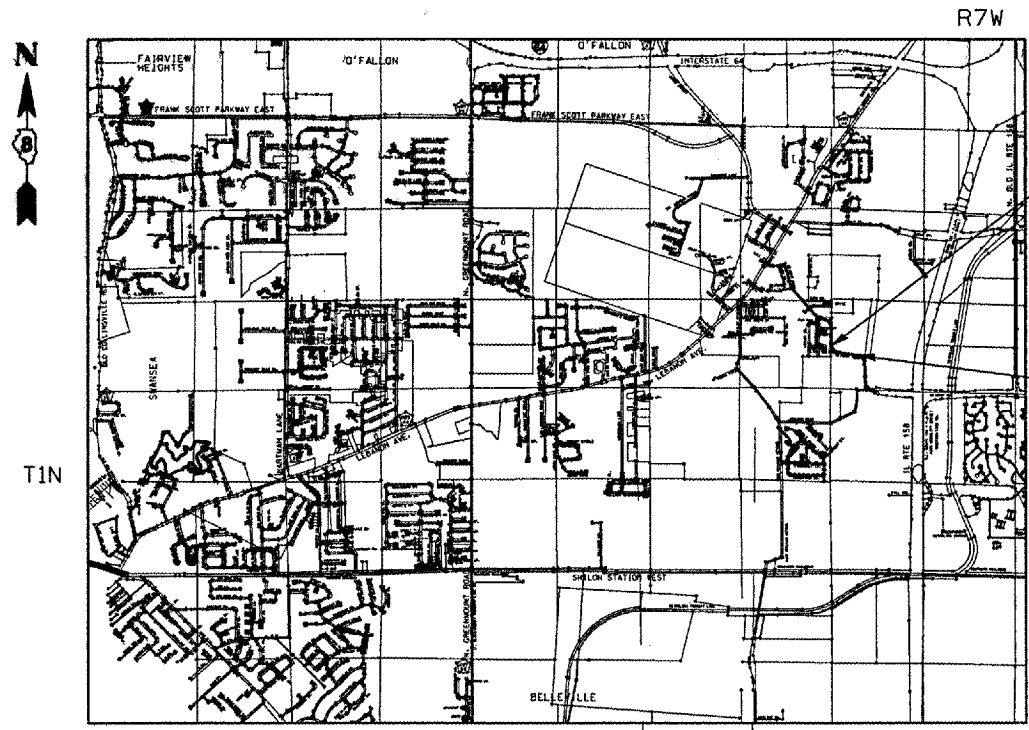
STANDARDS

- 000001-04
- 280001-03
- 542301-01
- 602301-01
- 602401-01
- 602701-01
- 654001-02
- 604006-02
- 604091-01
- 606001-03
- 702001-06
- 780001-01
- 781001-02
- BLR 21-6



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

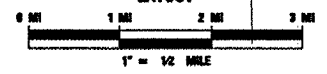
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-882-0123



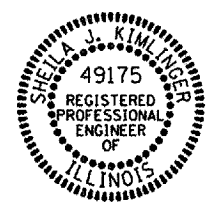
BEGIN PROJECT
SEIBERT ROAD PHASE IV
STA. 35+00.00

END PROJECT
SEIBERT ROAD PHASE IV
STA. 44+03.40

DESIGN DESIGNATION
FAU ROUTE 9177-URBAN COLLECTOR
DESIGN SPEED = 30 MPH
DESIGN TRAFFIC (2024) = 5240 A.D.T.
CURRENT A.D.T. = 4030



GROSS LENGTH = 903.40' (0.171 MILES)
NET LENGTH = 903.40' (0.171 MILES)



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED: *March 29 2007*
James A. Verrier II
JAMES A. VERRIER II, MAYOR

PASSED: *March 29 2007*
Dennis Obutinsky
DISTRICT ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW: *3-29 2007*
Mary C. Lammie
DEPUTY DIRECTOR OF HIGHWAYS, REGION #3 ENGINEER

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

Sheila J. Kimlinger 3/29/07
SHEILA J. KIMLINGER P.E.
LICENSE NO. 062-049175 DATE
EXPIRES 11-30-2007

PREPARED BY:
TWM
THOUVENOT, WADE & MOERCHEN, INC.

PLOT DATE: 3/22/07
 FILE NAME: P:\9177\9177-04-PV\9177-04-PV-01.dwg
 USER: jkimlinger
 PLOTTER: HP DesignJet 5000

GENERAL NOTES

CONTRACT NO. 97305

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL AND REARRANGE HIS OPERATIONS IN ORDER THAT THE UTILITY'S OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER.

THE TYPE, SIZE, AND LOCATION OF UTILITIES AS DELINEATED IN THESE TOPOGRAPHIC LAND SURVEY DOCUMENTS AND/OR CIVIL ENGINEERING DESIGN DOCUMENTS HAVE BEEN DETERMINED BY REVIEW OF AVAILABLE EXISTING "AS BUILT" OR RECORD DRAWINGS, FIELD SURVEY OF J.U.L.I.E. MARKED UTILITIES, OR FIELD SURVEY OF ABOVE GROUND SURFACE UTILITY FEATURES. THE OWNER AND ENGINEER HAVE NOT UNDERTAKEN SUBSURFACE EXPLORATORY INVESTIGATIONS TO CONFIRM AND VERIFY THE UTILITIES SHOWN ON THESE DOCUMENTS THEREFORE THEIR EXACT LOCATION, SIZE AND FUNCTION MUST BE CONSIDERED APPROXIMATE AND MUST BE FIELD CONFIRMED BY THE CONTRACTOR.

THE ENGINEER AND OWNER FURTHER DO NOT WARRANT THAT ALL UTILITIES HAVE BEEN ILLUSTRATED ON THESE DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTACTING J.U.L.I.E. FOR FIELD VERIFICATION OF ALL UTILITIES ON THE SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF THE CONTRACTOR DETERMINES THAT SUBSTANTIAL DISCREPANCY EXISTS BETWEEN FIELD VERIFIED UTILITIES AND THESE PLANS WHICH WOULD SIGNIFICANTLY AFFECT THE FUNCTION, COST, OR PERFORMANCE OF THE PROJECT, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER FOR CLARIFICATION AND PROJECT DIRECTION.

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 PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR OR AGENT, HAVE WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

ALL EXISTING ROADWAY FEATURES SUCH AS CULVERTS, HEADWALLS, RIPRAP, CURB, PAVEMENT, FENCING, ETC. LOCATED WITHIN THE CONSTRUCTION LIMITS ARE TO BE REMOVED UNLESS NOTED OTHERWISE ON THE PLANS.

THE CONTRACTOR SHALL REMOVE, MAINTAIN IN A TEMPORARY LOCATION AND PERMANENTLY RESET ALL MAILBOXES AND TRAFFIC SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS IN ACCORDANCE WITH ARTICLES 107.20 AND 107.25 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

EVERY TREE SHALL BE SAVED IF POSSIBLE. THE ENGINEER IN THE FIELD WILL VERIFY AND MARK ALL TREES REQUIRED TO BE REMOVED. SHOULD THE ENGINEER'S DECISION INCREASE OR DECREASE THE QUANTITIES OF WORK TO BE PERFORMED FROM THE PLANS, THE CONTRACTOR SHALL ACCEPT PAYMENT AS STATED IN ARTICLE 104.03 OF THE STANDARD SPECIFICATIONS. TREES OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED UNLESS DESIGNATED BY THE ENGINEER. TREE REPLACEMENT SHALL CONFORM TO THE DISTRICT'S 1:1 POLICY.

ALL CLEARING OF LOGS, SHRUBS, BUSHES, SAPLINGS, GRASS, WEEDS, OTHER VEGETATION AND STUMPS OF LESS THAN 6 INCHES IN DIAMETER WILL NOT BE MEASURED FOR PAYMENT.

AT LOCATIONS WHERE CLEARING IS INDICATED ON THE PLANS BEYOND THE LIMITS OF THE PROPOSED EXCAVATION OR EMBANKMENT, THE CONTRACTOR SHALL RESTORE THE DISTURBED EARTH BY BLADING AND SHAPING TO BLEND WITH THE ADJACENT GROUND. THE CLEARING WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION. RESEEDING OR RESODDING WILL BE AS PROVIDED IN THE PLANS.

THE CONTRACTOR SHALL CONFINE HIS OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMIT LINES, AS SHOWN PER PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

ALL EARTH SURFACES DISTURBED BY CONSTRUCTION OR AS DIRECTED BY THE ENGINEER SHALL BE SEEDED. THE FOLLOWING QUANTITIES HAVE BEEN INCLUDED IN THE PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

- 1.1 ACRES SEEDING CLASS 2
- 1.1 ACRES MULCH METHOD 2
- 99 POUNDS NITROGEN FERTILIZER NUTRIENT
- 99 POUNDS PHOSPHORUS FERTILIZER NUTRIENT
- 99 POUNDS POTASSIUM FERTILIZER NUTRIENT

SEEDING CL 7 WILL BE USED FOR TEMPORARY EROSION CONTROL. NUTRIENTS SHALL BE 90 POUNDS PER ACRE.

TREE REMOVAL MAY BE NECESSARY PRIOR TO UTILITY COMPANIES BEING ABLE TO RELOCATE THEIR FACILITIES OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR SHOULD COORDINATE ANY CONTRACT TREE REMOVAL ACTIVITIES WITH THE UTILITY COMPANIES TO ELIMINATE CONFLICTS AND POTENTIAL DELAYS CAUSED BY UTILITY TREE REMOVAL ACTIVITIES OR INCOMPLETE UTILITY RELOCATIONS.

HOT MIX ASPHALT - CONTROL TABLE		
MIXTURE USE	SURFACE	BINDER
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	15%	25%
DESIGN AIR VOIDS	4.2% @ Ndes = 70	4.2% @ Ndes = 70
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR 12.5	DEPENDS ON LIFT THICKNESS
FRICTION AGG	MIXTURE D	N/A

PLAN QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN

ALL TRAFFIC CONTROL, INCLUDING BUT NOT LIMITED TO, WORK ZONE, TEMPORARY, AND PERMANENT, SHALL BE FURNISHED, INSTALLED, MAINTAINED, RELOCATED, AND/OR REMOVED ACCORDING TO SECTION 701 OF THE LATEST EDITION OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL.

ALL EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTING.

TRAFFIC CONTROL SIGNS SHALL BE 48" FLUORESCENT ORANGE.

THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CITY OF SHILOH AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES OR WORK REQUIRING INSPECTION OR APPROVAL BY THE AFFECTED UNITS OF GOVERNMENT.

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT MIX ASPHALT. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURE.

THE TOP OF STRUCTURE/STEEL (TOS) ELEVATIONS SHOWN ON THE PLANS REFER TO THE ELEVATION OF THE FRAME AND GRATE FLOWLINE.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE DURING THE VARIOUS STAGES OF CONSTRUCTION. THIS INCLUDES ALL LABOR AND MATERIALS USED BEYOND WHAT IS SPECIFIED IN THE PLANS. ITEMS SUCH AS TEMPORARY DITCHES AND PIPES DEEMED NECESSARY FOR MAINTAINING DRAINAGE ARE CONSIDERED TO BE THE RESPONSIBILITY OF THE CONTRACTOR AND WILL NOT BE PAID FOR SEPARATELY.

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE BOX/PIPE CULVERTS, STORM SEWERS, AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS.

THE CONTRACTOR IS ADVISED THAT THE PROPOSED STORM SEWER ROADWAY CROSSINGS MAY CONFLICT WITH THE PROPOSED LIME STABILIZATION OPERATIONS DUE TO MINIMAL COVER OVER THE PIPES. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN THESE AREAS SO AS NOT TO CAUSE ANY DAMAGE TO THE PROPOSED STORM SEWERS. THIS MAY NECESSITATE VARYING THE METHODS OF LIME STABILIZATION. NO DIRECT PAYMENT SHALL BE MADE FOR THESE ACCOMMODATIONS.

IT IS INTENDED THAT ANY CULVERTS DAMAGED BY OR REMOVED BY THE CONTRACTOR OTHER THAN THOSE NOTED ON THE PLANS TO BE REMOVED WILL HAVE TO BE REMOVED AND/OR REPLACED AT THE CONTRACTOR'S SOLE EXPENSE.

ALL MATERIALS SUCH AS FRAMES AND GRATES AND STORM SEWER PIPE SCHEDULED FOR REMOVAL, THAT ARE CONSIDERED TO BE SUITABLE FOR FUTURE USE, SHALL BE SALVAGED AND STOCKPILED AS DIRECTED BY THE ENGINEER. ALL OTHER MATERIALS SCHEDULED FOR REMOVAL BUT NOT SALVAGED, SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE.

ALL STORM SEWER AND CULVERT PIPE TO BE REMOVED WHICH THE ENGINEER DEEMS FIT FOR RE-USE SHALL BE SALVAGED ACCORDING TO ARTICLES 501.02 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. ALL OTHER STORM SEWER AND CULVERT PIPE SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03.

EXISTING DITCHES/SWALES WILL NEED TO BE REGRADED/SHAPED TO ENSURE ALL FLOWS ENTER THE PROPER DITCH, CROSSROAD CULVERT, POND OR OTHER DRAINAGE APPURTENANCES.

THE SAW CUTTING OF EXISTING PAVEMENT NECESSARY FOR ITS REMOVAL SHALL BE INCLUDED IN THE COST OF THE ITEM FOR WHICH THE SAWCUT IS BEING MADE. THE REMOVAL OF ALL EXISTING OIL AND CHIP PAVEMENT HAS BEEN INCLUDED IN THE EARTH EXCAVATION QUANTITY AND SHALL NOT BE MEASURED NOR PAID FOR AS A SEPARATE REMOVAL ITEM.

LIST OF UTILITIES

- TELEPHONE - SBC COMMUNICATIONS 1-800-660-3000
- WATER - ILLINOIS AMERICAN WATER COMPANY 1-618-277-9887
- ELECTRIC - ILLINOIS POWER COMPANY 1-800-755-5000
- GAS - ILLINOIS POWER COMPANY 1-800-755-5000
- CABLE T.V. - CHARTER COMMUNICATIONS 1-618-277-7820 EXT. 3200
- SANITARY - VILLAGE OF SHILOH SEWER 1-618-277-2288

J.U.L.I.E. - 1-800-892-0123

NO COMMITMENTS

THOUVENOT, WADE & MOERCHEN, INC.
ENGINEERS ♦ SURVEYORS ♦ PLANNERS



☑ CORPORATE OFFICE
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-8888
corp@twm-inc.com

☐ WATERLOO OFFICE
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62296
TEL (618) 989-6050
FAX (618) 989-8088
waterloo@twm-inc.com

☐ ST. LOUIS OFFICE
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL (314) 236-6062
FAX (314) 872-3194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN PERM	184-02280
PROFESSIONAL ENGINEERING CORP.	03-08079
PROFESSIONAL STRUCTURAL ENGINE CORP.	01-00022
ILLINOIS PROF. LAND SURVEYING CORP.	048-00280
MISSOURI PROFESSIONAL ENGINE CORP.	NO 00000
MISSOURI LAND SURVEYING CORP.	NO 00000

REAL

Signature: _____
Expiration Date: _____
STATEMENT OF RESPONSIBILITY
I hereby certify that the documents herein to be authorized by me and in accordance to this statement, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

GENERAL NOTES

SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

TITLE

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: M.J.J.
DESIGNED BY: M.J.J.
CHECKED BY: XXX
APPROVED BY: XXX

PROJECT NUMBER: D20010479 OF 38 SHEETS
 ISSUED FOR REVIEW ISSUED FOR BIDDING
 ISSUED FOR CONSTR. RECORD DRAWING

SUMMARY OF QUANTITIES

CONTRACT NO. 97305

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	466		
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	162		
20100500	TREE REMOVAL, ACRES	ACRE	0.3		
20200100	EARTH EXCAVATION	CU YD	1,162		
20400800	FURNISHED EXCAVATION	CU YD	2,005		
20800150	TRENCH BACKFILL	CU YD	263		
25000200	SEEDING, CLASS 2	ACRE	1.1		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	99		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	99		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	99		
25100115	MULCH, METHOD 2	ACRE	1.1		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	251		
28000300	TEMPORARY DITCH CHECKS	EACH	2		
28000400	PERIMETER EROSION BARRIER	FOOT	85		
28000500	INLET AND PIPE PROTECTION	EACH	13		
28100107	STONE RIPRAP, CLASS A4	SQ YD	34		
28200200	FILTER FABRIC	SQ YD	34		
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	3,586		
30201500	LIME	TON	69		
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	1,244		
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	321		
50104400	CONCRETE HEADWALL REMOVAL	EACH	1		
50105220	PIPE CULVERT REMOVAL	FOOT	115		
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1		
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1		
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	812		
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	81		
550A0680	STORM SEWERS, CLASS A, TYPE 3 18"	FOOT	84		
550A0710	STORM SEWERS, CLASS A, TYPE 3 24"	FOOT	36		
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2		
60218500	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3 FRAME AND GRATE	EACH	2		
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	4		
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	3		
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	4		
60240390	INLETS, TYPE B, WITH SPECIAL GRATE	EACH	1		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1,807		
63200310	GUARDRAIL REMOVAL	FOOT	163		
67100100	MOBILIZATION	L SUM	1		
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	600		
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	34		
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,407		
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	10		
XX006471	STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, SDR-21 12"	FOOT	70		
Z0022800	FENCE REMOVAL	FOOT	90		
	* SPECIALTY ITEMS				

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	

THOUVENOT, WADE & MOERCHEN, INC.
ENGINEERS • SURVEYORS • PLANNERS



CORPORATE OFFICE
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-0688
corp@twm-inc.com

WATERLOO OFFICE
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 989-6068
FAX (618) 989-8868
waterloo@twm-inc.com

ST. LOUIS OFFICE
1001 CRAIG ROAD, SUITE 300
ST. LOUIS, MISSOURI 63146
TEL (314) 288-6862
FAX (314) 872-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL ENGINEER	06-00080
PROFESSIONAL ENGINEERING CORP.	06-00079
PROFESSIONAL PROFESSIONAL ENGINEER CORP.	06-00088
ILLINOIS PROFESSIONAL ENGINEERING CORP.	06-00089
MISSOURI PROFESSIONAL ENGINEER CORP.	30-00089
MISSOURI LAND SURVEYING CORP.	30-00084

Signature: _____
 Signature Date: _____
 Issue Date: _____

STATEMENT OF RESPONSIBILITY
 I hereby certify that the documents herein are prepared and designed by me or under my direct supervision and that I am duly licensed to do so in the State of Illinois. I warrant that the documents herein are true and correct and that I am not providing any false or misleading information in connection therewith. I warrant that the documents herein are not intended to be relied on for any other purpose than the intended use, engineering or survey project.

TITLE
SUMMARY OF QUANTITIES

PROJECT:
SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV. DATE	DESCRIPTION
△	
△	
△	

DRAWN BY: MJJ	SHEET
DESIGNED BY: MJJ	
CHECKED BY: XXX	3
APPROVED BY: XXX	
PROJECT NUMBER: D20010479	OF 38 SHEETS

ISSUED FOR REVIEW ISSUED FOR BIDDING
 ISSUED FOR CONSTR. RECORD DRAWING

..LOT DATE = 3/21/2007
 FILE NAME = P:\010479SUMM 4.dgn
 LOT SCALE = 1:12,000
 USER NAME = db1091



CORPORATE OFFICE
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6688
corp@twm-inc.com

WATERLOO OFFICE
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 938-6060
FAX (618) 938-3988
waterloo@twm-inc.com

ST. LOUIS OFFICE
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL (314) 236-0082
FAX (314) 872-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGNER	04-02289
PROFESSIONAL ENGINEERING CORP.	04-06270
PROFESSIONAL ARCHITECTURAL ENGINEER CORP.	04-06622
ILLINOIS PROFESSIONAL SURVEYING CORP.	04-00229
MISSOURI PROFESSIONAL ENGINEER CORP.	04-06622
MISSOURI LAND SURVEYING CORP.	04-06622

SEAL

Signature: _____
 Signature Date: _____
 Registration Date: _____
STATEMENT OF RESPONSIBILITY
 I hereby confirm that the documents herein to be submitted by my seal is restricted to this draw, and I hereby declare my responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the construction, engineering or survey project.

STORM SEWER SCHEDULE													
FROM	OFFSET (FEET)	TO STATION	OFFSET (FEET)	STORM SEWER TYPE	SIZE & LENGTH OF PIPE (FEET)	SIZE & LENGTH OF PIPE (FEET)	SIZE & LENGTH OF PIPE (FEET)	SIZE & LENGTH OF PIPE (FEET)	SIZE & LENGTH OF PIPE (FEET)	PRECAST REINF. CONC. FLARED END SEC. (EACH)	PRECAST REINF. CONC. FLARED END SEC. (EACH)	PIPE CULVERT REMOVAL (FEET)	TRENCH BACKFILL (CU YD)
					12"	12"	18"	18"	24"	12"	24"		
SEIBERT ROAD													
33+75.50	14.59	LT	35+25.00	14.59	LT		36						10.6
33+75.50	14.59	RT	35+25.00	14.59	RT			37					26.8
35+10.00		RT	35+15.00		LT							115	
35+25.00	14.59	LT	35+25.00	60.33	LT				42				
35+25.00	60.33	LT	35+43.11	04.33	LT				42				
35+25.00	14.59	RT	35+25.00	14.59	LT			25					
35+25.00	14.59	RT	35+24.13	39.03	RT			19					28.1
35+43.11	104.33	LT	35+68.58	43.70	LT				36				
35+68.58	143.70	LT								1			
37+56.97	14.00	LT	38+93.40	14.00	LT		126						32.6
37+56.97	14.00	RT	37+56.97	14.00	LT		26						6.4
38+93.40	14.00	RT	38+93.40	14.00	LT		26						6.4
38+93.40	14.00	LT	41+43.40	14.00	LT		246						63.7
41+43.40	14.00	RT	41+43.40	14.00	LT		26						6.4
41+43.40	14.00	LT	43+93.40	14.00	LT		247						6.4
43+93.40	14.00	LT	43+93.40	14.00	RT		26						7.3
43+93.40	14.00	RT	44+50.00	14.00	RT		53						10.7
44+50.00	14.00	RT	45+25.00	20.07	RT	TYPE 1 WATERMAIN QUAL. PIPE SDR 21	70			1			
45+25.00	20.07	RT								1		115	263
TOTAL:						70	812	81	84	36	1	1	

DRAINAGE STRUCTURE SCHEDULE								
STATION	OFFSET (FEET)		INLETS				MH TYPE A	
			TYPE-A		TYPE-B		4' DIA	
			EACH	T-1 F, CL	EACH	SPEC. GRATE	T-3 F&G	T-1 F, CL
SEIBERT ROAD								
33+75.5	14.59	LT			1			
33+75.5	14.59	RT			1			
35+24.13	39.03	RT				1		
35+25.00	14.59	LT					1	
35+25.00	60.33	LT						1
35+25.00	14.59	RT					1	
35+43.11	104.33	LT						1
37+56.97	14.00	LT			1			
37+56.97	14.00	RT	1					
38+93.40	14.00	LT			1			
38+93.40	14.00	RT	1					
41+43.40	14.00	LT			1			
41+43.40	14.00	RT	1					
43+93.40	14.00	LT			1			
43+93.40	14.00	RT	1					
44+50.00	14.00	RT		1				
TOTAL:			4	3	4	1	2	2

SCHEDULE OF QUANTITIES

TITLE: SEIBERT ROAD
 PROJECT: RECONSTRUCTION - PHASE IV
 VILLAGE OF SHILOH
 ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: M.J.J. SHEET
 DESIGNED BY: M.J.J.
 CHECKED BY: XXX
 APPROVED BY: XXX
 PROJECT NUMBER: D20010479 OF 36 SHEETS
 4
 ISSUED FOR REVIEW ISSUED FOR BIDDING
 ISSUED FOR CONSTR. RECORD DRAWING



CORPORATE OFFICE
4840 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4468
FAX (618) 624-6888
corp@twm-inc.com

WATERLOO OFFICE
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 939-5060
FAX (618) 939-3998
waterloo@twm-inc.com

ST. LOUIS OFFICE
1001 CRAIG ROAD, SUITE 360
ST. LOUIS, MISSOURI 63146
TEL (314) 296-6062
FAX (314) 872-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	104-00289
PROFESSIONAL ENGINEERING CORP.	61-00079
PROFESSIONAL STRUCTURAL ENGR. CORP.	61-00022
ILLINOIS PROF. LAND SURVEYING CORP.	606-00020
MISSOURI PROFESSIONAL ENGR. CORP.	NC 00046
MISSOURI LAND SURVEYING CORP.	NC 00046

SEAL:

Signature: _____
Expiration Date: _____
STATEMENT OF RESPONSIBILITY
I hereby certify that the documents herein to be authorized by my seal is restricted to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

PAVING SCHEDULE						
LOCATION STATION TO STATION	HOT MIX ASPHALT BINDER COURSE, IL 19.0, N70 (TON)	HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70 (TON)	PROCESSING MODIFIED SOILS, 12" (SQ. YD.)	LIME (TON)	COMBINATION CURB & GUTTER TYPE B 6.24 (FEET)	
SEIBERT ROAD						
33+39.32 TO 35+00.00	55.5	14.3	179	3.5		
35+00.00 TO 44+03.40	1132.7	292.3	3228	62	1807	
44+03.40 TO 44+53.40	55.5	14.3	179	3.5		
TOTAL:	1244	321	3586	69	1807	

EARTHWORK SCHEDULE				
LOCATION STATION TO STATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE FACTOR (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
SEIBERT ROAD				
33+75.50 TO 44+03.40	1162	872	2877	-2005
TOTAL:	1162	872	2877	-2005

SEEDING SCHEDULE					
LOCATION STATION TO STATION	SEEDING CLASS 2 (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	MULCH METHOD, 2 (ACRE)
SEIBERT ROAD					
33+75.50 TO 44+03.40	1.1	99	99	99	1.1
TOTAL:	1.1	99	99	99	1.1

THERMOPLASTIC PAVEMENT MARKING SCHEDULE	
STATION TO STATION	4" MARKINGS SOLID YELLOW (FOOT)
SEIBERT ROAD	
36+00.00 TO 43+03.40	1407
TOTAL:	1407

TEMPORARY PAVEMENT MARKING SCHEDULE			
STATION TO STATION	4" MARKINGS SOLID YELLOW (FOOT)	4" MARKINGS SOLID WHITE (FOOT)	8" MARKINGS SOLID WHITE (FOOT)
SEIBERT ROAD			
35+00.00 TO 36+00.00	200		
35+00.00 TO 36+00.00		100	17
43+03.04 TO 44+03.04	200	100	17
SUB-TOTAL:	400	200	34
TOTAL:	600	300	34

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE	
STATION TO STATION	RAISED REFLECTIVE PAVEMENT MARKERS TWO-WAY AMBER (EACH)
SEIBERT ROAD	
36+00.00 TO 43+03.40	10
TOTAL:	10

TREE REMOVAL			
LOCATION	OFFSET (FT)	TREE REM. 6 TO 15 UNIT	TREE REM. OVER 15 UNIT
37+42.90	26.37	RT	6
37+46.86	23.48	RT	6
37+48.20	26.87	RT	6
37+48.99	26.59	RT	6
37+57.08	27.20	RT	6
37+61.83	21.53	RT	6
37+62.49	21.75	RT	6
37+64.24	23.89	RT	6
37+69.70	26.08	RT	6
37+80.20	22.49	RT	6
37+81.06	20.48	RT	7
37+92.03	27.54	RT	6
37+97.10	22.78	RT	6
38+06.77	22.38	RT	8
38+14.32	18.09	RT	6
38+32.06	24.45	RT	7
38+40.81	25.09	RT	8
38+46.86	25.29	RT	8
38+47.73	32.54	RT	10
38+57.60	26.17	RT	6
38+63.35	23.56	RT	6
38+66.39	22.28	RT	6
38+67.67	33.56	RT	8
38+70.37	32.29	RT	6
38+71.29	32.42	RT	6
38+75.81	32.31	RT	6
38+77.80	21.81	RT	8
38+81.11	29.89	RT	6
38+87.34	25.22	RT	10
38+88.29	21.17	RT	6
38+97.41	26.44	RT	12
38+99.88	25.31	RT	8
39+01.43	22.66	RT	8
39+11.00	27.37	RT	18
39+11.25	23.33	RT	10
39+13.62	23.29	RT	12
39+17.38	24.12	RT	12
39+23.50	25.60	RT	12
39+24.23	22.14	RT	15
39+27.40	24.68	RT	12
39+42.09	19.96	RT	10
39+43.42	28.54	RT	6
39+47.07	21.79	RT	10
39+47.58	23.85	RT	15
39+52.52	23.20	RT	6
39+60.86	24.36	RT	18
39+68.09	26.47	RT	18
40+18.92	23.03	RT	12
40+21.35	21.09	RT	6
40+26.80	22.03	RT	12
40+27.73	20.97	RT	10
40+44.33	23.53	RT	12
40+47.03	23.14	RT	24
40+62.87	21.74	RT	16
40+76.10	22.43	RT	6
40+77.79	22.34	RT	6
40+79.45	20.67	RT	24
40+81.60	23.39	RT	18
41+07.75	22.01	RT	12
41+14.40	19.71	RT	10
43+78.71	21.42	LT	12
43+87.52	20.18	LT	24
43+95.73	16.03	LT	6
43+96.59	21.74	LT	8
44+05.65	17.79	LT	6
TOTAL:	466		162

TREE REMOVAL	
STATION TO STATION	TREE REMOVAL (ACRES)
33+39.32 RT TO 36+00.00 RT	0.07
33+45.11 LT TO 35+86.03 LT	0.25
TOTAL:	0.3

SCHEDULE OF QUANTITIES

SEIBERT ROAD RECONSTRUCTION - PHASE IV VILLAGE OF SHILOH ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ
DESIGNED BY: MJJ
CHECKED BY: XXX
APPROVED BY: XXX

PROJECT NUMBER: D20010479 OF 96 SHEETS

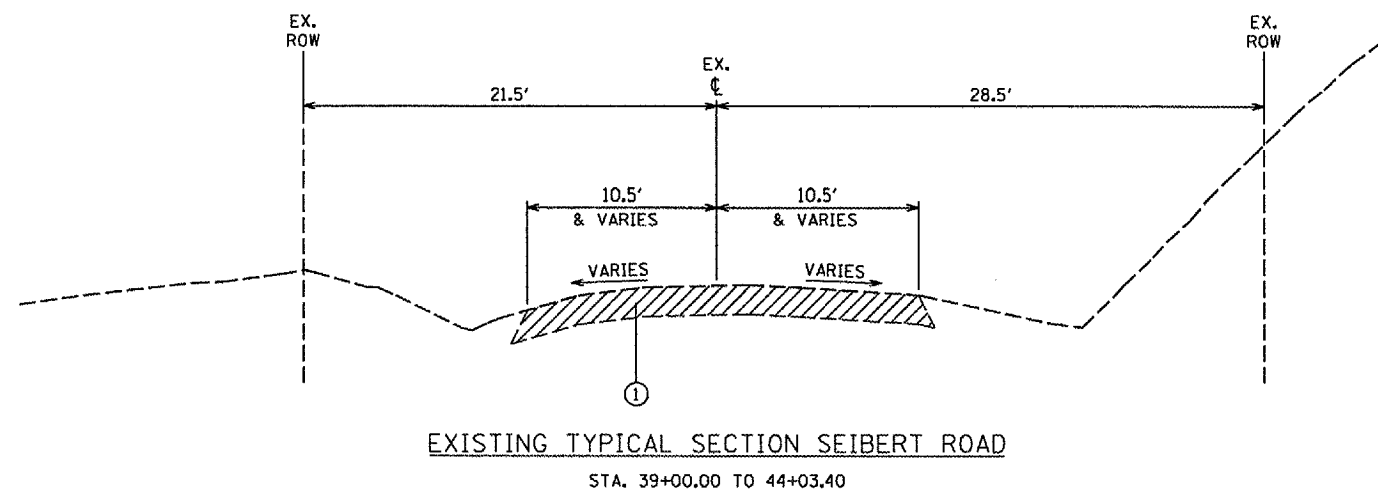
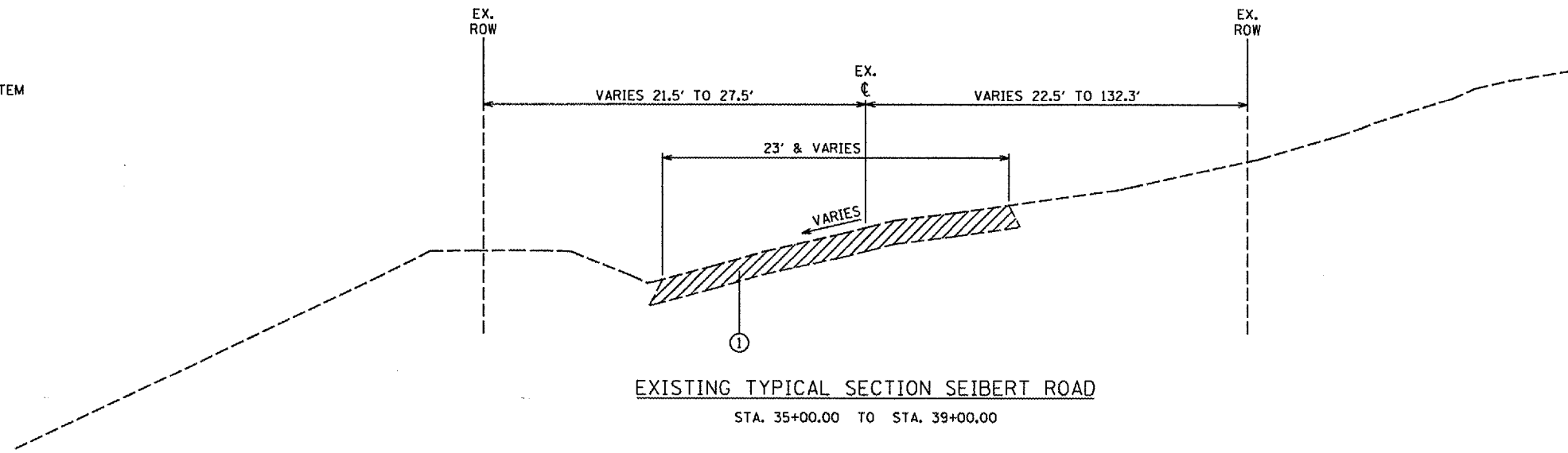
ISSUED FOR REVIEW ISSUED FOR BIDDING ISSUED FOR CONSTR. RECORD DRAWING

PLOT DATE = 3/21/2007
FILE NAME = J:\p\Phase IV Plans\REVISED 2-16-07\181875CVD_4.dgn
PLOT SCALE = 48.0000' / 1" = 1" = 48.0000'
USER NAME = dbjssn

LEGEND

- ① EXISTING OIL & CHIP ROADWAY - TO BE REMOVED
- ② PROPOSED COMBINATION CURB & GUTTER, TYPE B-6.24
- ③ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE, MIX "D", N70 - 2"
- ④ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑤ PROPOSED AGGREGATE (PRIME COAT)
- ⑥ PROPOSED BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE, IL 19.0, N70 - 7.75"
- ⑦ PROPOSED PROCESSING MODIFIED SOIL - 12"
- ⑧ FUTURE 5' PORTLAND CEMENT CONCRETE SIDEWALK

 INDICATES REMOVAL ITEM



THOUVENOT, WADE & MOERCHEN, INC.
ENGINEERS ♦ SURVEYORS ♦ PLANNERS



- CORPORATE OFFICE**
4640 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6888
corp@twm-inc.com
- WATERLOO OFFICE**
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 989-6060
FAX (618) 989-8888
waterloo@twm-inc.com
- ST. LOUIS OFFICE**
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 68146
TEL (314) 236-6062
FAX (314) 872-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN PLAN	34-02380
PROFESSIONAL ENGINEERING COMP.	01-00079
PROFESSIONAL STRUCTURAL ENGR. COMP.	01-00003
ILLINOIS PROF. LAND SURVEYING COMP.	045-00000
MISSOURI PROFESSIONAL ENGR. COMP.	NC 00000
MISSOURI LAND SURVEYING COMP.	SC 00000

SEAL

Signature: _____
Registration Date: _____
Expiration Date: _____

STATEMENT OF RESPONSIBILITY
I hereby confirm that the documents herein to be authorized by my seal is restricted to the above, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

TITLE: TYPICAL SECTIONS EXISTING
PROJECT: SEIBERT ROAD RECONSTRUCTION - PHASE IV VILLAGE OF SHILOH ST. CLAIR COUNTY, ILLINOIS

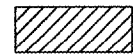
REV.	DATE	DESCRIPTION
△		
△		
△		

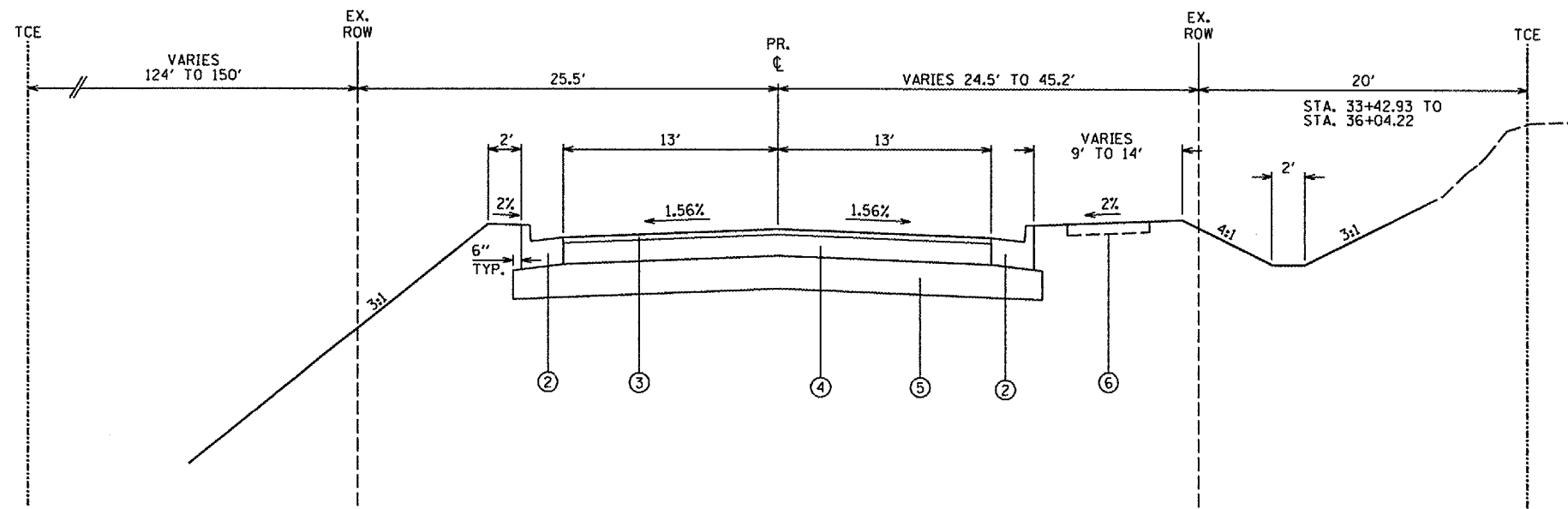
DRAWN BY: MJJ	SHEET
DESIGNED BY: MJJ	6
CHECKED BY: XXX	
APPROVED BY: XXX	
PROJECT NUMBER: D20010479	OF 38 SHEETS

- ISSUED FOR REVIEW
- ISSUED FOR BIDDING
- ISSUED FOR CONSTR.
- RECORD DRAWING

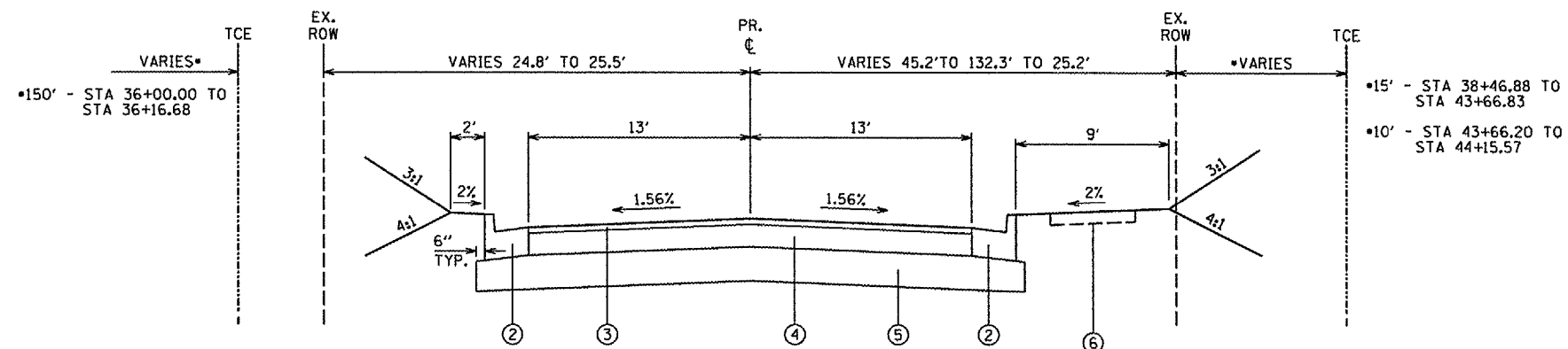
LEGEND

- ① EXISTING OIL & CHIP ROADWAY - TO BE REMOVED
- ② PROPOSED COMBINATION CURB & GUTTER, TYPE B-6.24
- ③ PROPOSED HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 2"
- ④ PROPOSED HOT MIX ASPHALT BINDER COURSE, IL 19.0, N70 - 7.75"
- ⑤ PROPOSED PROCESSING MODIFIED SOIL - 12"
- ⑥ FUTURE 5' PORTLAND CEMENT CONCRETE SIDEWALK

 INDICATES REMOVAL ITEM



PROPOSED TYPICAL SECTION SEIBERT ROAD
STA. 35+00.00 TO STA. 36+00.00



PROPOSED TYPICAL SECTION SEIBERT ROAD
STA. 36+00.00 TO STA. 44+03.40

THOUVENOT, WADE & MOERCHEN, INC.
ENGINEERS ♦ SURVEYORS ♦ PLANNERS



- CORPORATE OFFICE**
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL. (618) 624-4488
FAX (618) 624-8688
corp@twm-inc.com
- WATERLOO OFFICE**
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL. (618) 989-5060
FAX (618) 989-8888
waterloo@twm-inc.com
- ST. LOUIS OFFICE**
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL. (314) 236-6062
FAX (314) 872-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN PEAK	04-02380
PROFESSIONAL ENGINEERING CIVIL	04-06870
PROFESSIONAL STRUCTURAL CIVIL CON.	04-06822
ILLINOIS PROF. LAND SURVEYING CON.	06-00280
MISSOURI PROFESSIONAL ENGINEER CIVIL	NO. 00000
MISSOURI LAND SURVEYING CON.	NO. 00000

Signature: _____
Registration Date: _____
Registration Date: _____

STATEMENT OF RESPONSIBILITY
I hereby certify that the documents herein to be authorized by my seal included in this sheet, and I hereby declare my responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

TYPICAL SECTIONS PROPOSED
SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ	SHEET
DESIGNED BY: MJJ	7
CHECKED BY: XXX	
APPROVED BY: XXX	
PROJECT NUMBER: D20010479	

- ISSUED FOR REVIEW
- ISSUED FOR BIDDING
- ISSUED FOR CONSTR.
- RECORD DRAWING

PLOT DATE = 3/21/2007
FILE NAME = F:\010479\5.dgn
USER NAME = JCDJSE



CORPORATE OFFICE
4940 OLD COLLINGSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6888
corp@twm-inc.com

WATERLOO OFFICE
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 939-6060
FAX (618) 939-3898
waterloo@twm-inc.com

ST. LOUIS OFFICE
1001 CRAIG ROAD, SUITE 200
ST. LOUIS, MISSOURI 63146
TEL (314) 286-5062
FAX (314) 872-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	34-0239
PROFESSIONAL ENGINEERING CORP.	02-0879
ILLINOIS PROFESSIONAL ENGINEER CORP.	02-0888
ILLINOIS PROFESSIONAL SURVEYOR CORP.	04-0039
MISSOURI PROFESSIONAL ENGINEER CORP.	NO 0039
MISSOURI LAND SURVEYING CORP.	NO 0066

SEAL

Signature: _____
Signature Date: _____
Registration Date: _____

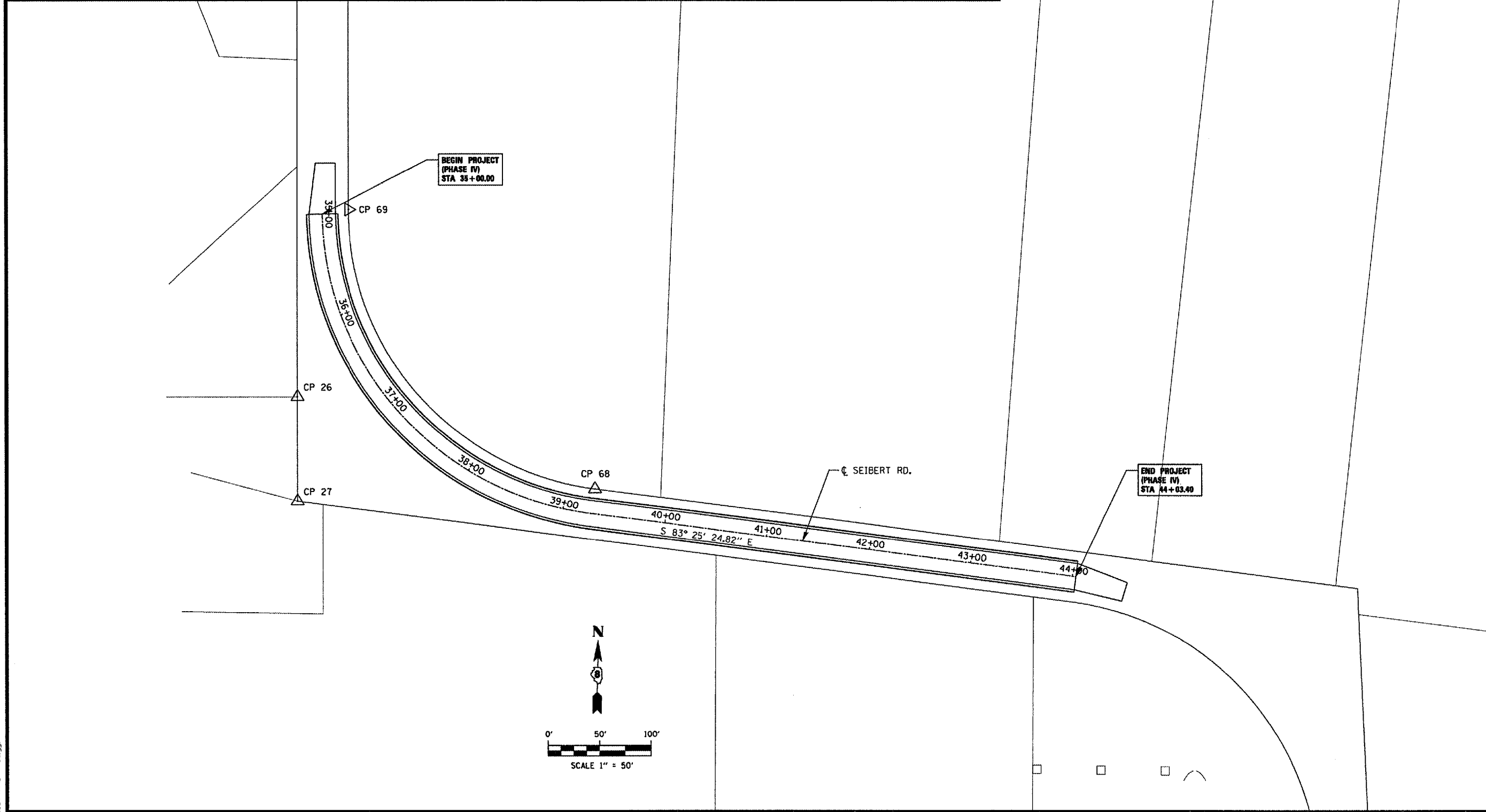
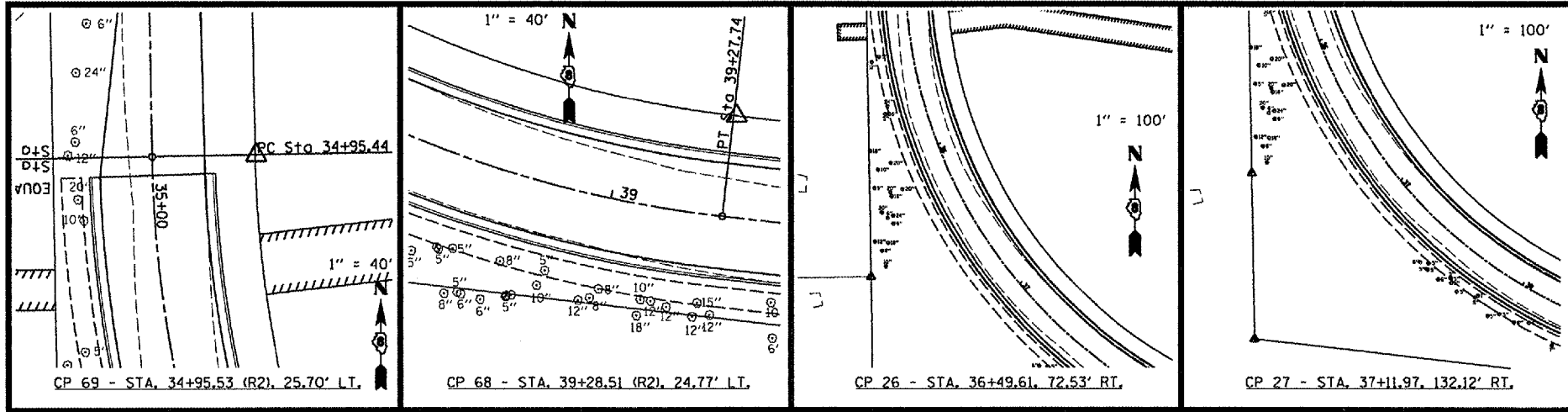
STATEMENT OF RESPONSIBILITY
I hereby confirm that the documents herein to be authorized by my seal is restricted to this show, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or included to be utilized for any other part of the architectural, engineering or survey project.

**PROPOSED ALIGNMENT
TIES AND BENCHMARKS**

PROJECT:
SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: M.J.J.	SHEET
DESIGNED BY: M.J.J.	8
CHECKED BY: XXX	
APPROVED BY: XXX	
PROJECT NUMBER: D20010479	
OF 38 SHEETS	
<input type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING



PLOT DATE = 3/21/2007
FILE NAME = P:\080479B\Sign\Phase IV Plans\REVISED 2-18-07\080479B\04.dgn
PLOT SCALE = 1/8" = 100.0000' / IN.
USER NAME = design



- CORPORATE OFFICE**
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6688
corp@twm-inc.com
- WATERLOO OFFICE**
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 989-6060
FAX (618) 989-8888
waterloo@twm-inc.com
- ST. LOUIS OFFICE**
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL (314) 236-0062
FAX (314) 872-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL ENGINEER	34-0020
PROFESSIONAL ENGINEERING CORP.	03-00070
PROFESSIONAL STRUCTURAL ENGINEER CORP.	01-00002
ILLINOIS PROF. LAND SURVEYING CORP.	045-00000
MISSOURI PROFESSIONAL ENGINEER	10-00000
MISSOURI LAND SURVEYING CORP.	10-00000

SCALE



STATEMENT OF RESPONSIBILITY
I hereby confirm that the documents herein to be authorized by my seal is restricted to this alone, and I hereby assume any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

PROP. CURVE SEIBT
PI STA. = 37+58.70
Δ = 82° 28' 24" (LT)
D = 19° 04' 39"
R = 300.33'
T = 263.26'
L = 432.30'
E = 99.05'
P.C. STA = 34+95.44
P.T. STA = 39+27.75

STA EQUATION:
STA 33+84.77 BACK =
STA 34+95.44 AHEAD

BEGIN PROP. BITUMINOUS
PAVE. TRANSITION - 50'
STA 33+39.32

REMOVE EXIST.
18" PIPE CULVERT
115 L.F.

MATCHLINE STA. 37+00

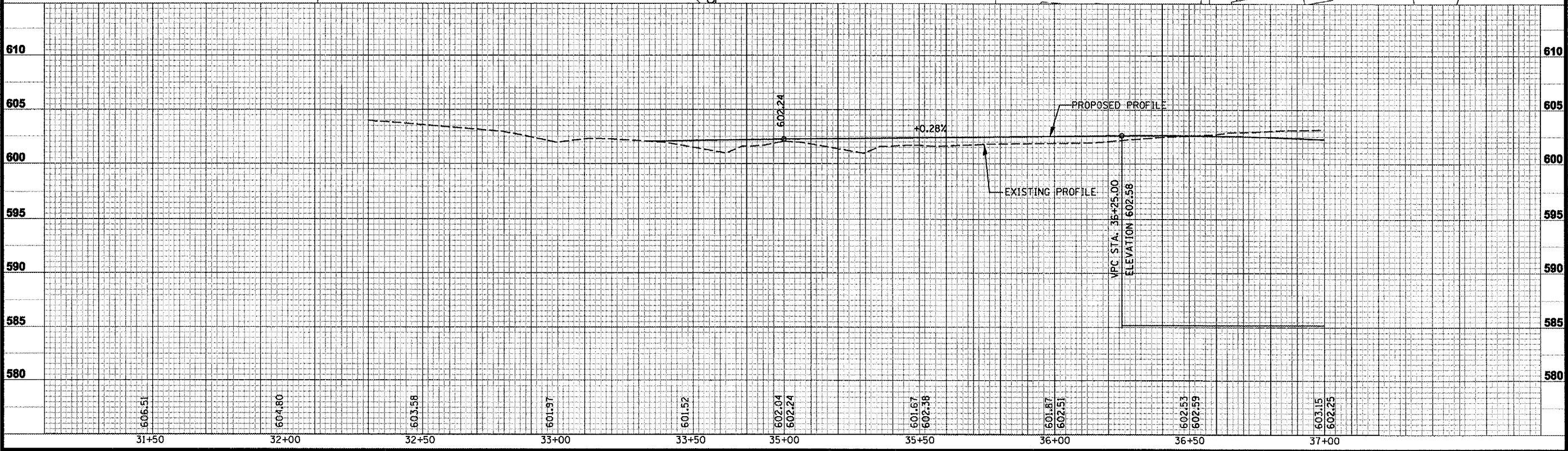
SEIBERT ROAD

PROP. COMBINATION
CURB & GUTTER TYPE B-6.24
FUTURE CONC.
SIDEWALK

BEGIN PROJECT
STA. 35+00.00
(PHASE IV)

REMOVE EXIST.
GUARDRAIL - 163'

STA 35+10 RT
CONCRETE HEADWALL REMOVAL



TITLE
ROADWAY PLAN AND PROFILE
STA. 33 + 39.32 TO 37 + 00

PROJECT:
SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ	SHEET
DESIGNED BY: MJJ	9
CHECKED BY: XXX	
APPROVED BY: XXX	
PROJECT NUMBER: D20010479	OF 36 SHEETS
<input checked="" type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> REVISION DRAWING

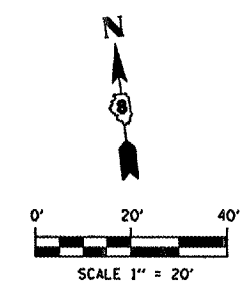
PLOT DATE = 3/21/2007
 PLOT SCALE = 1/4" = 100' / 1" = 400'
 USER NAME = dbjgsp



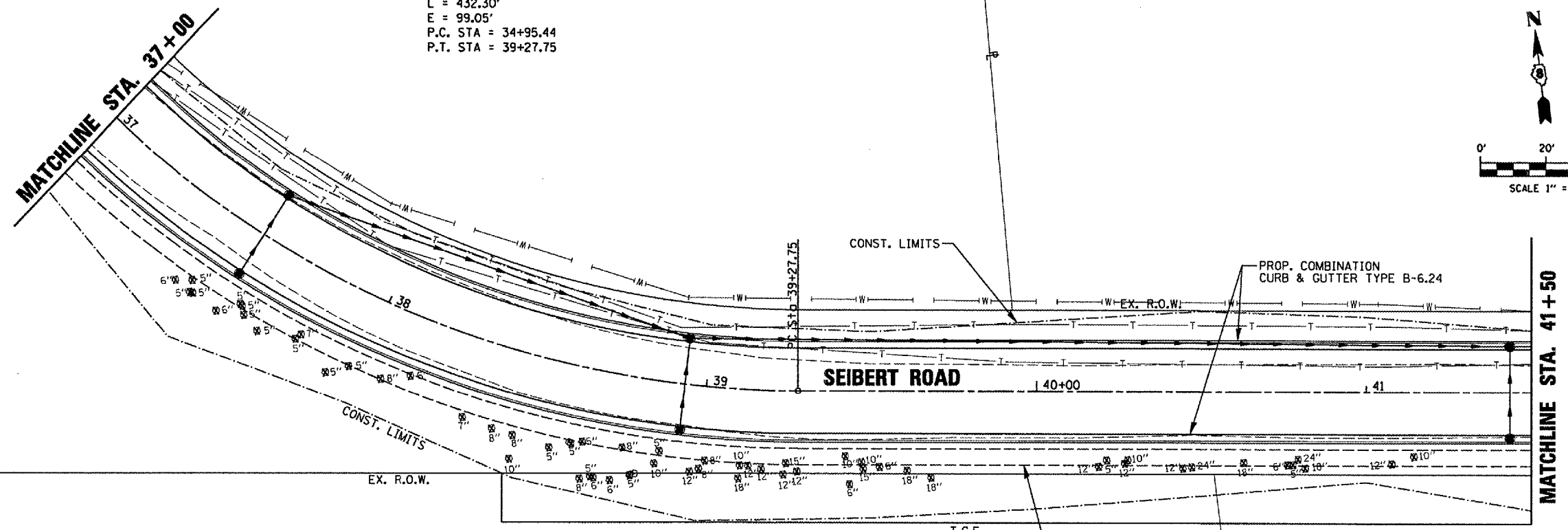
☑ CORPORATE OFFICE
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6886
corp@twm-inc.com

☐ WATERLOO OFFICE
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 839-5060
FAX (618) 988-9888
waterloo@twm-inc.com

☐ ST. LOUIS OFFICE
1001 CRAIG ROAD, SUITE 280
ST. LOUIS, MISSOURI 63146
TEL (314) 288-6052
FAX (314) 872-2194
stlouis@twm-inc.com

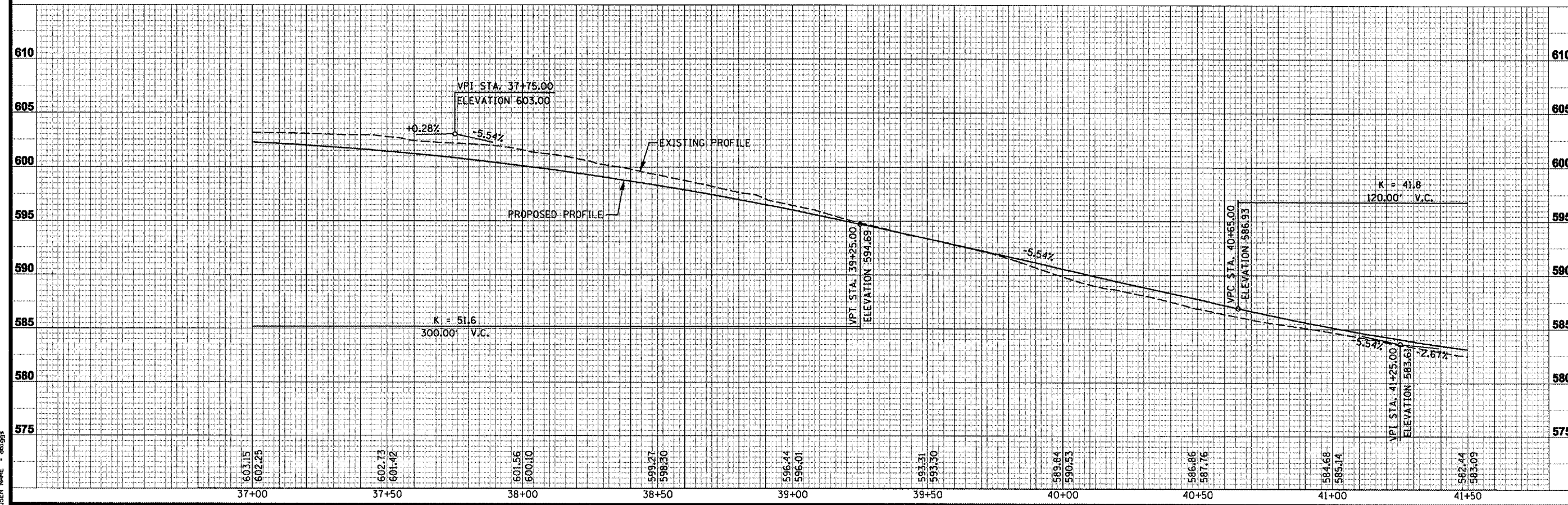


PROP. CURVE SEIBT
PI STA. = 37+58.70
 $\Delta = 82^\circ 28' 24''$ (LT)
D = 19° 04' 39"
R = 300.33'
T = 263.26'
L = 432.30'
E = 99.05'
P.C. STA = 34+95.44
P.T. STA = 39+27.75



PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN PE/EA	04-0288
PROFESSIONAL ENGINEERING CORP.	01-0070
PROFESSIONAL SURVEYING CORP.	01-0085
ILLINOIS PROF. LAND SURVEYING CORP.	04-0099
MISSOURI PROFESSIONAL ENGINEER	NO 0426
MISSOURI LAND SURVEYING CORP.	NO 0004

STATEMENT OF RESPONSIBILITY
I hereby certify that the documents herein to be authorized by me and is restricted to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, schedules, reports or other documents or instruments relating to or intended to be utilized for any other part of the construction, engineering or survey project.



TITLE
ROADWAY PLAN AND PROFILE
STA. 37+00 TO 41+50

PROJECT:
SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ	SHEET
DESIGNED BY: MJJ	10
CHECKED BY: XXX	
APPROVED BY: XXX	
PROJECT NUMBER: D20010479	
OF 36 SHEETS	
ISSUED FOR REVIEW	ISSUED FOR BIDDING
ISSUED FOR CONSTR.	RECORD DRAWING



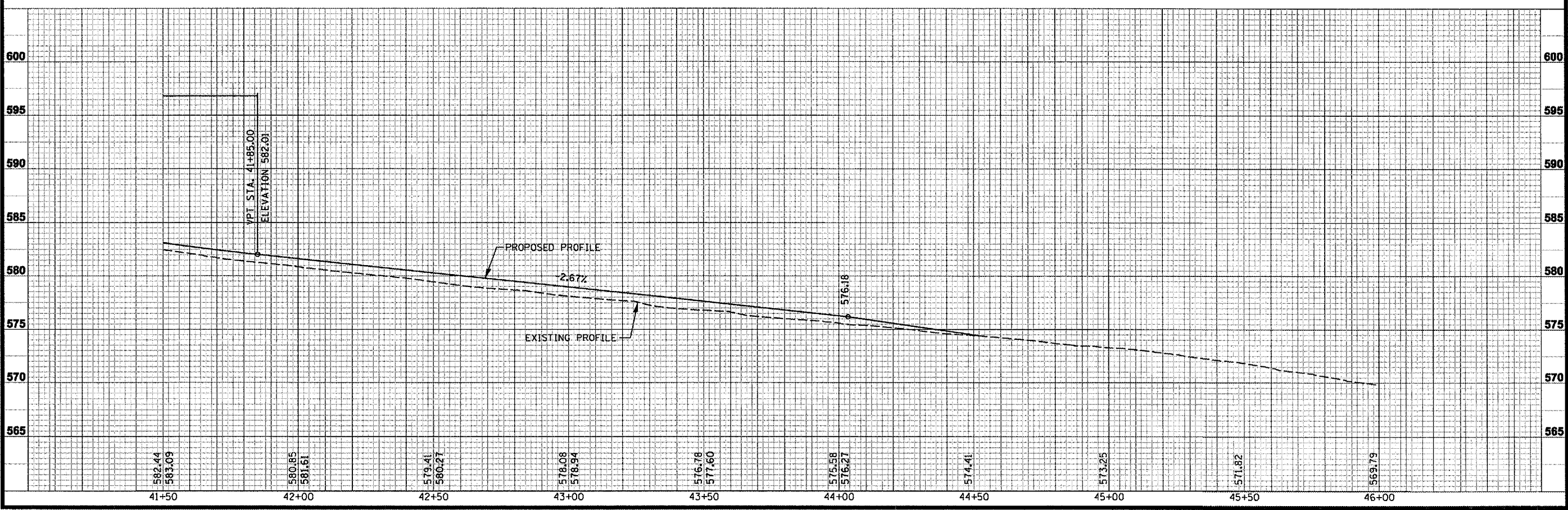
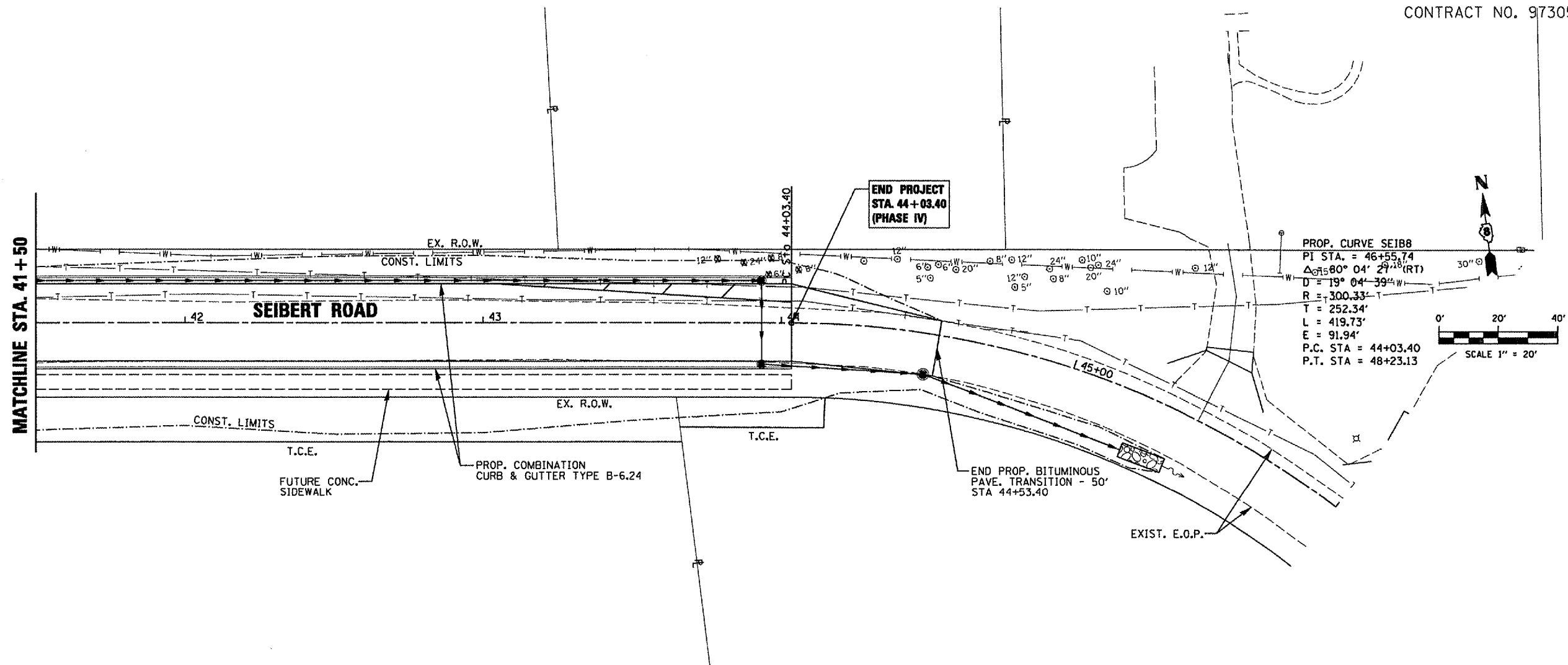
☒ **CORPORATE OFFICE**
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-8888
corp@twm-inc.com

☐ **WATERLOO OFFICE**
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 989-6050
FAX (618) 989-8888
waterloo@twm-inc.com

☐ **ST. LOUIS OFFICE**
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL (314) 236-6082
FAX (314) 872-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN PEAK	04-0000
PROFESSIONAL ENGINEERING CORP.	04-0000
PROFESSIONAL STRUCTURAL ENGINEER CORP.	04-0000
ILLINOIS PROF. LAND SURVEYING CORP.	04-0000
MISSOURI PROFESSIONAL ENGINEER CORP.	NO 0000
MISSOURI LAND SURVEYING CORP.	NO 0000

Signature: _____
 Signature Date: _____
 Registration Date: _____
STATEMENT OF RESPONSIBILITY
 I hereby declare that the documents herein to be authorized by my seal is restricted to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.



TITLE
ROADWAY PLAN AND PROFILE
STA. 41+50 TO 44+53.40

PROJECT
SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ	SHEET
DESIGNED BY: MJJ	11
CHECKED BY: XXX	
APPROVED BY: XXX	
PROJECT NUMBER: D20010479	
OF 38 SHEETS	
<input type="checkbox"/> ISSUED FOR REVIEW <input type="checkbox"/> ISSUED FOR CONSTRUCTION <input type="checkbox"/> RECORD DRAWING	<input type="checkbox"/> ISSUED FOR BIDDING



CORPORATE OFFICE
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6888
corp@twm-inc.com

WATERLOO OFFICE
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62296
TEL (618) 939-5050
FAX (618) 939-8998
waterloo@twm-inc.com

ST. LOUIS OFFICE
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 68148
TEL (314) 238-8062
FAX (314) 872-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL SURVEYOR	34-00230
PROFESSIONAL ENGINEERING CORP.	03-00079
PROFESSIONAL STRUCTURAL ENGINEER CORP.	01-00022
ILLINOIS PROF. LAND SURVEYING CORP.	065-00028
MISSOURI PROFESSIONAL ENGINEER CORP.	30-00028
MISSOURI LAND SURVEYING CORP.	30-00046

SEAL

Signature: _____
Expiration Date: _____

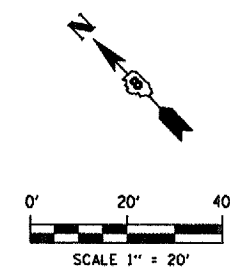
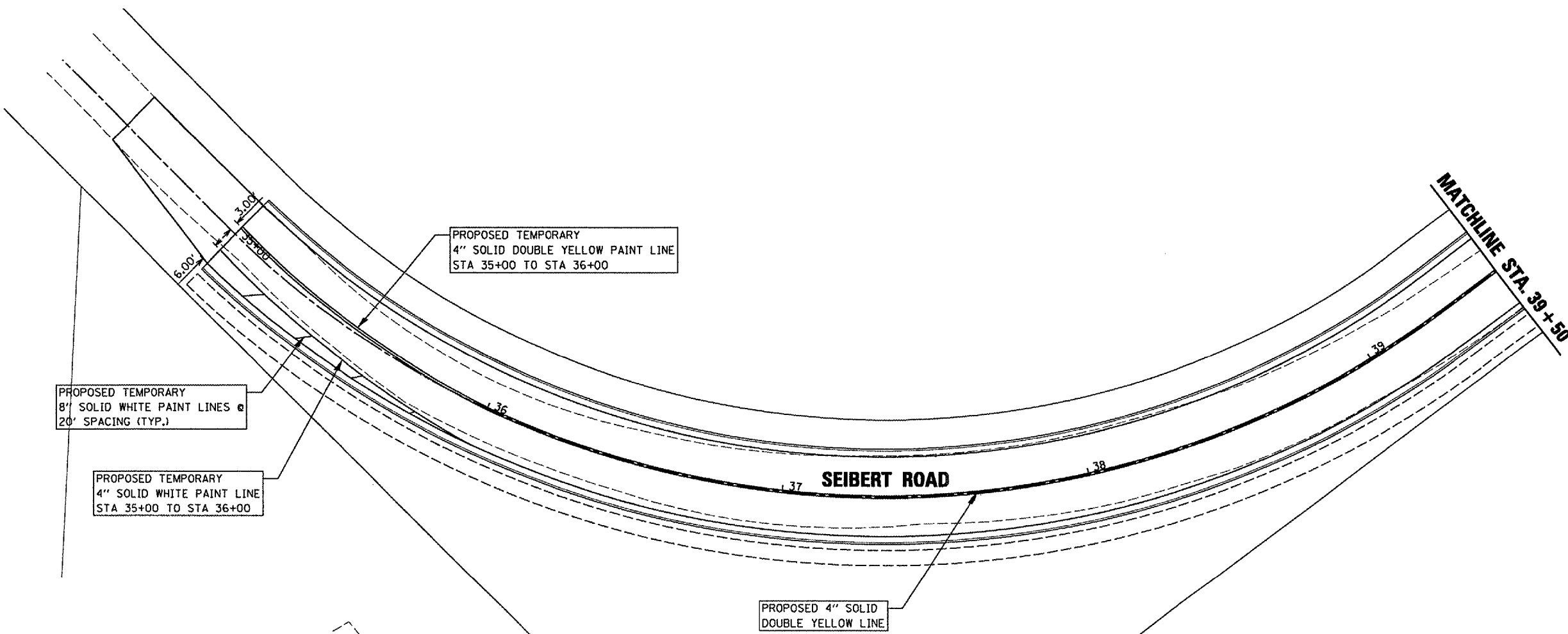
STATEMENT OF RESPONSIBILITY
I hereby certify that the documents herein to be produced by me and included in this book, and I hereby assume my responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

TITLE
PAVEMENT MARKING PLAN
STA 35+00 TO STA 39+50

PROJECT:
SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJK	SHEET
DESIGNED BY: MJK	12
CHECKED BY: XXX	
APPROVED BY: XXX	
PROJECT NUMBER D20010479	OF 38 SHEETS
<input checked="" type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING

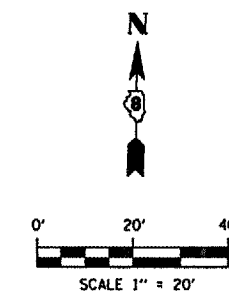


PLOT DATE = 3/21/2007
FILE NAME = P:\2007\97305\97305.dgn
USER NAME = jms
PLOT DATE = 3/21/2007
FILE NAME = P:\2007\97305\97305.dgn
USER NAME = jms

**THOUVENOT,
WADE &
MOERCHEN, INC.**
ENGINEERS ♦ SURVEYORS ♦ PLANNERS



- CORPORATE OFFICE**
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-9888
corp@twm-inc.com
- WATERLOO OFFICE**
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62296
TEL (618) 939-5060
FAX (618) 939-8988
waterloo@twm-inc.com
- ST. LOUIS OFFICE**
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL (314) 236-5062
FAX (314) 872-2194
stlouis@twm-inc.com



PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGNER	04-00239
PROFESSIONAL ENGINEERING CORP.	03-00079
PROFESSIONAL STRUCTURAL ENGINEER CORP.	05-00022
ILLINOIS PROF. LAND SURVEYING CORP.	08-00020
MISSOURI PROFESSIONAL ENGINEER CORP.	00-00026
MISSOURI LAND SURVEYING CORP.	00-00044

SEAL

Signature: _____
Expiration Date: _____

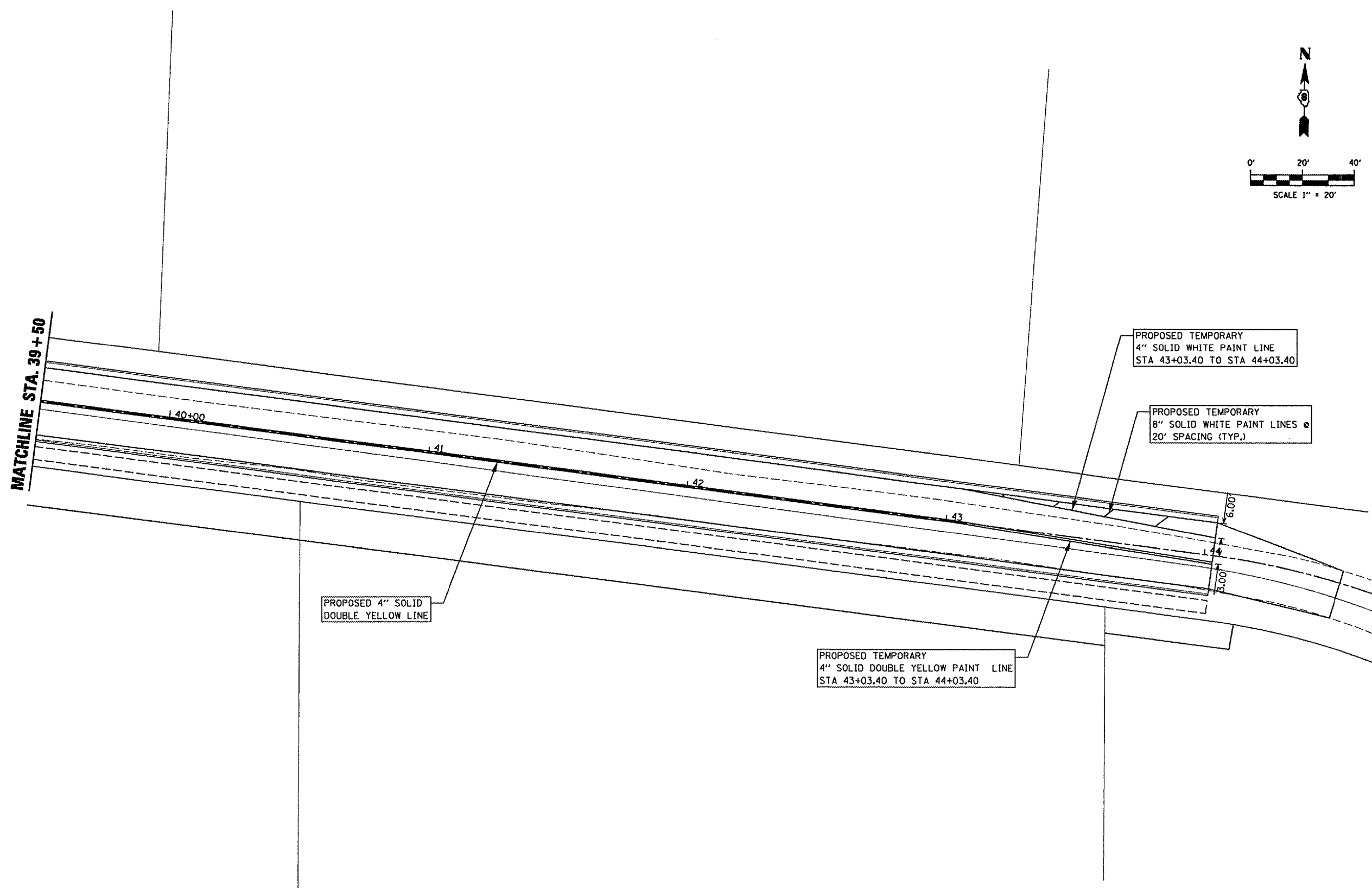
STATEMENT OF RESPONSIBILITY
I hereby certify that the document herein to be authenticated by my seal is prepared to this date, and I hereby assume my responsibility for all drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

TITLE
PAVEMENT MARKING PLAN
STA 39 + 50 TO STA 44 + 03.40

PROJECT
SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJK	SHEET
DESIGNED BY: MJK	13
CHECKED BY: XXX	
APPROVED BY: XXX	
PROJECT NUMBER: D20010479	OF 36 SHEETS
<input checked="" type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECEIVED DRAWING



PLOT DATE = 3/21/2007
 FILE NAME = P:\010479\15\Sign\Phase IV\Plan-REVISED 2-16-07\010479PHK-4.dgn
 USER NAME = dbrugg



CORPORATE OFFICE

4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-9888
corp@twm-inc.com

WATERLOO OFFICE

118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 989-5060
FAX (618) 989-8988
waterloo@twm-inc.com

ST. LOUIS OFFICE

1001 CRAIG ROAD, SUITE 200
ST. LOUIS, MISSOURI 63146
TEL (314) 238-5062
FAX (314) 872-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN PERM	34-02290
PROFESSIONAL ENGINEERING CORP.	03-00079
PROFESSIONAL STRUCTURAL ENGINEER CORP.	34-00000
ILLINOIS PROFESSIONAL SURVEYING CORP.	06-00000
MISSOURI PROFESSIONAL ENGINEER CORP.	30 00000
MISSOURI LAND SURVEYING CORP.	30 00000

SEAL

Signature: _____
 Signature Date: _____
 Registration Date: _____

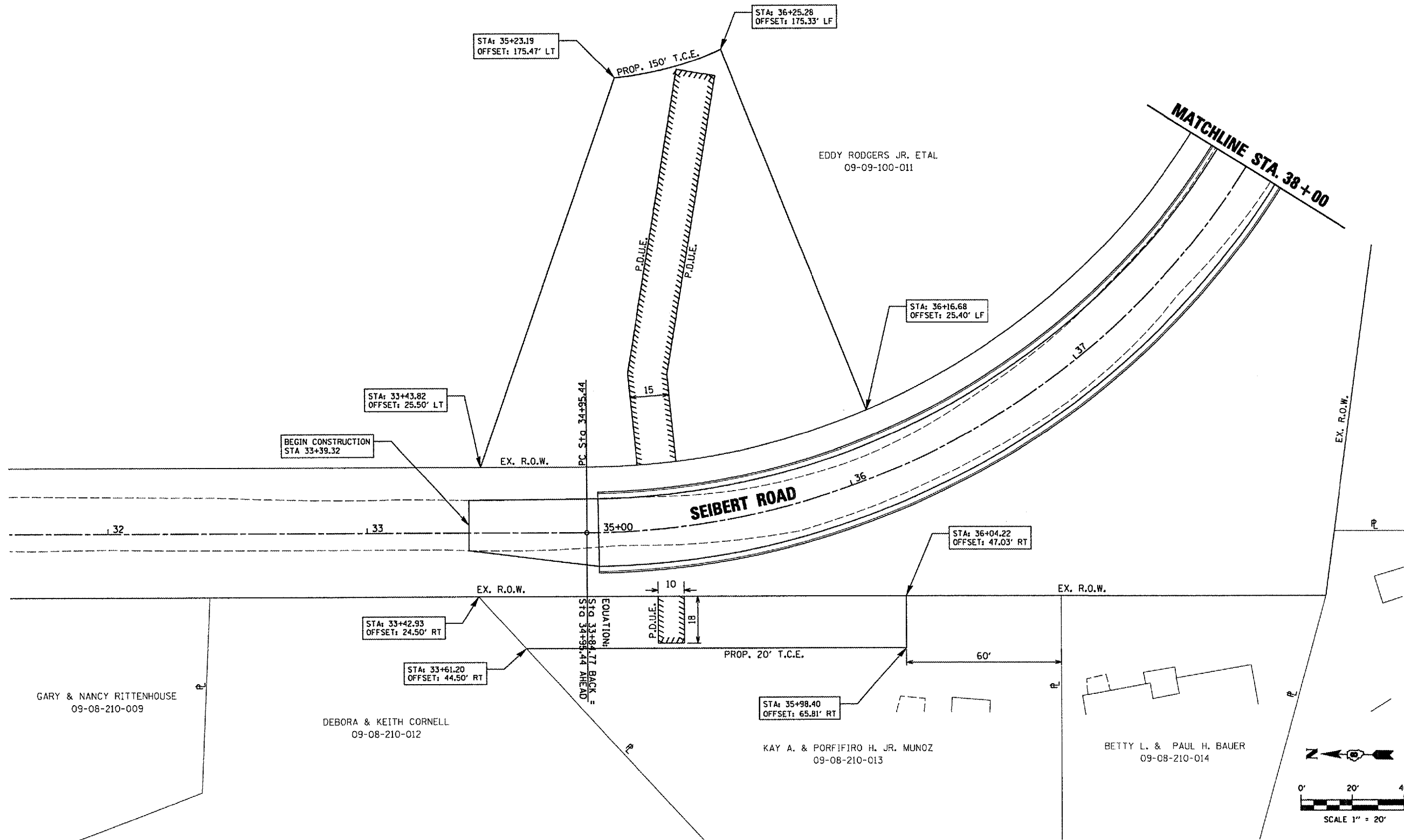
STATEMENT OF RESPONSIBILITY
 I hereby certify that the documents herein to be authorized by my seal is restricted to the above, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

TITLE
 RIGHT-OF WAY SHEETS
 STA. 33 + 39.32 TO 38 + 00

PROJECT:
 SEIBERT ROAD
 RECONSTRUCTION - PHASE IV
 VILLAGE OF SHILOH
 ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
▲		
▲		
▲		

DRAWN BY: MJJ	SHEET
DESIGNED BY: MJJ	14
CHECKED BY: XXX	
APPROVED BY: XXX	
PROJECT NUMBER: D20010479	
OF 38 SHEETS	
<input checked="" type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING



PLOT DATE = 3/21/2007
 FILE NAME = P:\010479ROW\Phase IV Plans\REVISED 2-16-07\010479ROW.dgn
 PLOT SCALE = 1/4" = 20'
 USER NAME = t.dough



CORPORATE OFFICE
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6688
corp@twm-inc.com

WATERLOO OFFICE
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62296
TEL (618) 989-5060
FAX (618) 989-8888
waterloo@twm-inc.com

ST. LOUIS OFFICE
1001 CRAIG ROAD, SUITE 200
ST. LOUIS, MISSOURI 63146
TEL (314) 236-5062
FAX (314) 872-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	04-00000
PROFESSIONAL ENGINEERING CORP.	01-00000
PROFESSIONAL SURVEYING CORP.	01-00000
ILLINOIS PROFESSIONAL ENGINEERING CORP.	04-00000
MISSOURI PROFESSIONAL ENGINEER CORP.	01-00000
MISSOURI LAND SURVEYING CORP.	01-00000

SEAL

Signature: _____
Expire Date: _____
Expire Date: _____

STATEMENT OF RESPONSIBILITY
I hereby certify that the documents herein to be authorized by my seal is intended to be used, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized in any other part of the architectural, engineering or survey project.

TITLE: **RIGHT-OF WAY SHEETS**
STA. 38+00 TO 44+53.40

PROJECT: **SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS**

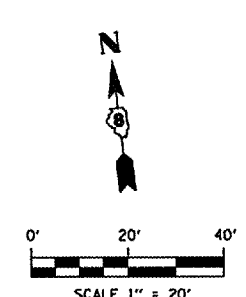
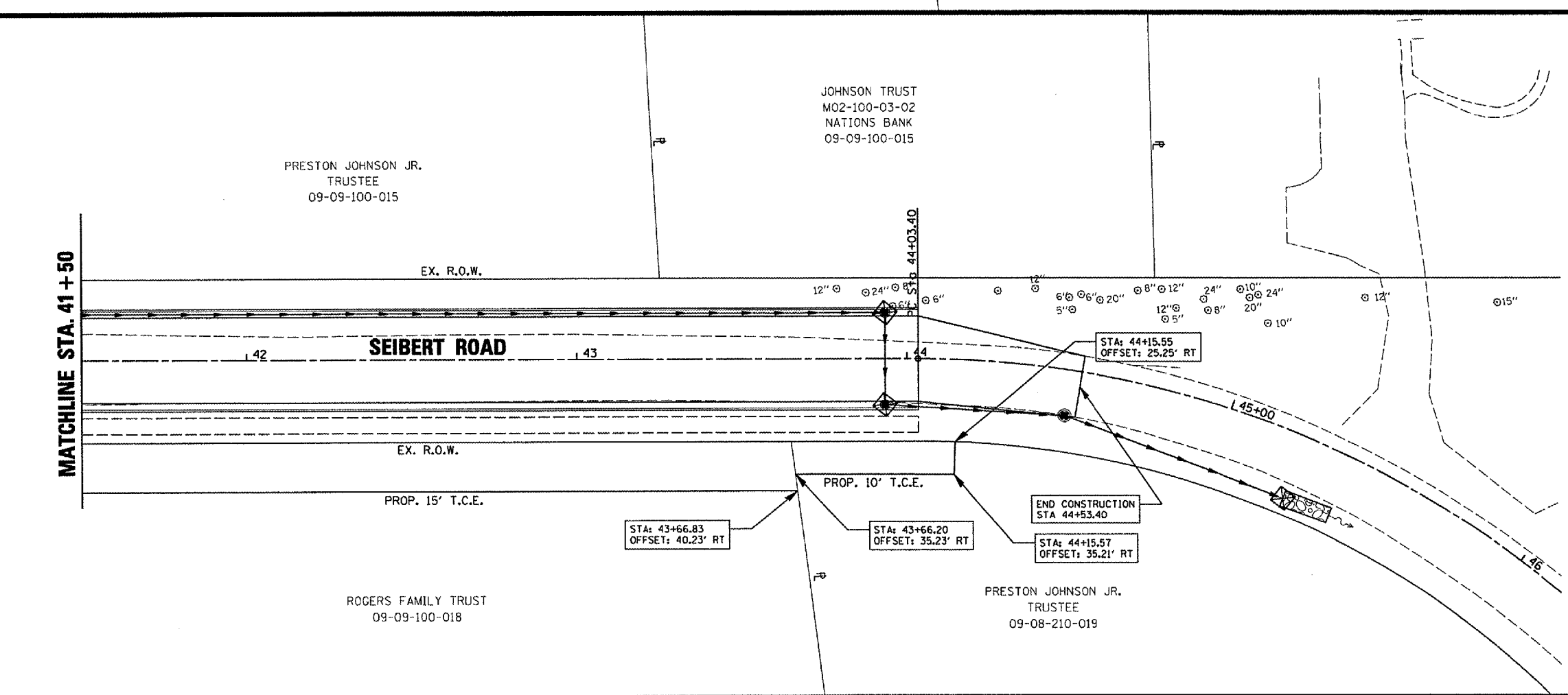
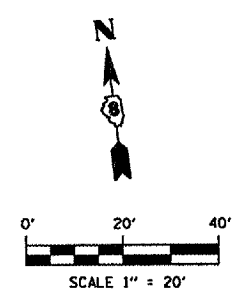
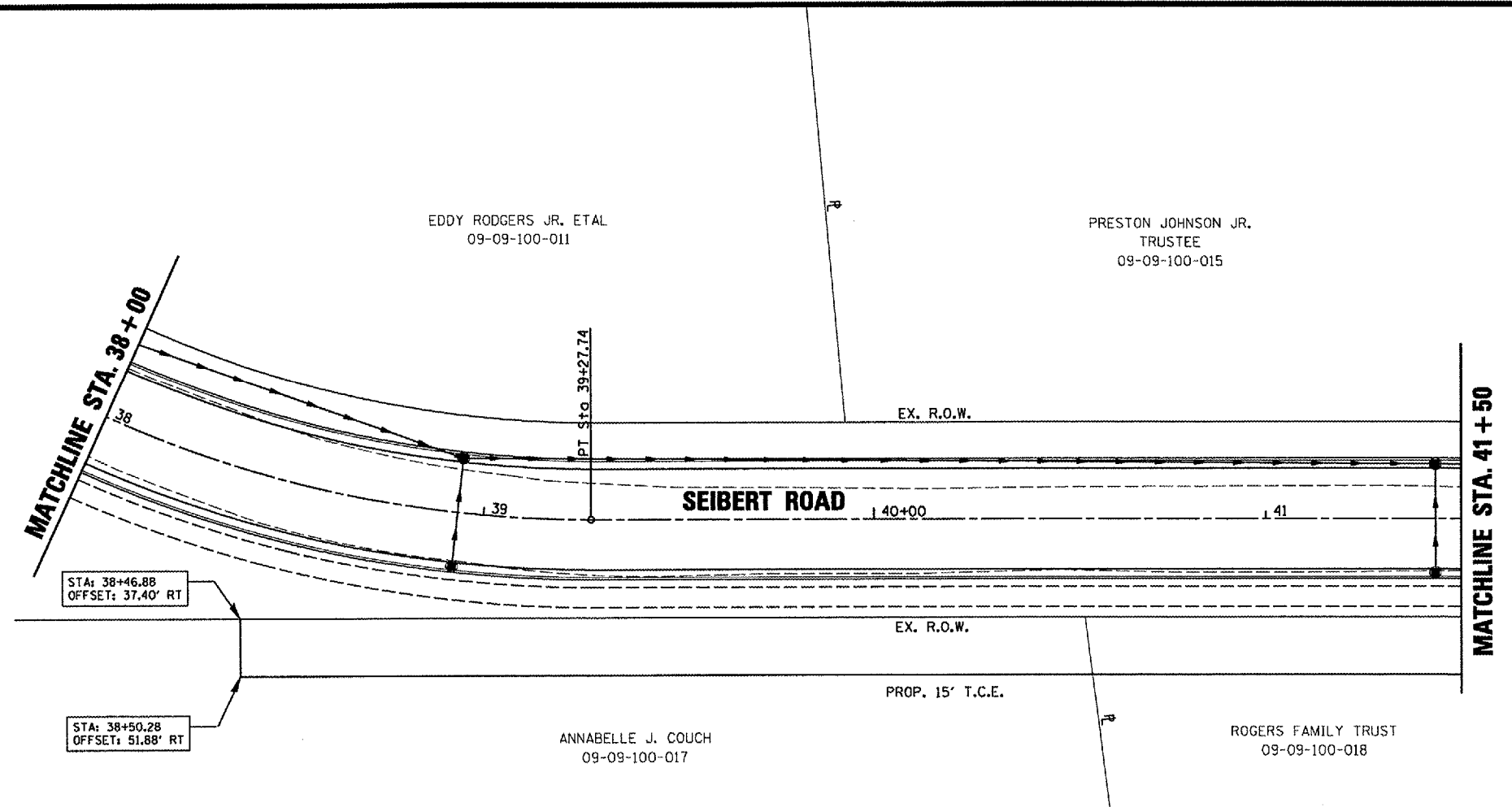
REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ SHEET
DESIGNED BY: MJJ
CHECKED BY: XXX
APPROVED BY: XXX

PROJECT NUMBER: D20010479 OF 38 SHEETS

15

ISSUED FOR REVIEW ISSUED FOR BIDDING
 ISSUED FOR CONSTR. RECORD DRAWING



PLOT DATE = 3/21/2007
 FILE NAME = P:\A01079B\dgn\Phase IV Plans\REVISED 2-16-07\A01079B04.dgn
 PLOT SCALE = 40.0000 / IN.
 USER NAME = dbraga

STORM WATER POLLUTION PREVENTION PLAN

CONTRACT NO. 97305

THOUVENOT, WADE & MOERCHEN, INC.
ENGINEERS • SURVEYORS • PLANNERS



CORPORATE OFFICE

4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6688
corp@twm-inc.com

WATERLOO OFFICE

113 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 939-5050
FAX (618) 939-3938
waterloo@twm-inc.com

ST. LOUIS OFFICE

1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL (314) 236-5052
FAX (314) 872-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS LICENSE NO.

ILLINOIS PROFESSIONAL DESIGN FIRM 184-001220
PROFESSIONAL ENGINEERING CORP. 62-035370
PROFESSIONAL STRUCTURAL ENGR. CORP. 81-005202
ILLINOIS PROF. LAND SURVEYING CORP. 046-000029

MISSOURI PROFESSIONAL ENGR. CORP. NC 001528
MISSOURI LAND SURVEYING CORP. NC 000346

SEAL

Signature: _____
Expiration Date: _____
STATEMENT OF RESPONSIBILITY
I hereby confirm that the document herein to be authenticated by my seal is restricted to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION

THE OWNER AND CONTRACTOR ARE HEREWITH ADVISED THAT A SWPPP WILL BE REQUIRED TO BE PREPARED FOR AREAS OFF-SITE WHERE EXCESS FILL DIRT OR OTHER EARTHWORK OPERATIONS ARE UNDERTAKEN. IF THE SITE IS LARGER THAN ONE (1) ACRE AN NOI PERMIT WILL BE REQUIRED

DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESCRIBED ON THE PLANS AND DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.

- (a) WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL-SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.
- (b) EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.
- (c) AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEER:
 - I. PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS.
 - II. TEMPORARILY SEED ERODABLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODABLE SURFACE AREA WITHIN THE CONTRACT LIMITS.
 - III. CONSTRUCT ROADSIDE DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
 - IV. TEMPORARILY DIVERT WATER AROUND PROPOSED CULVERT LOCATIONS.

- (d) EXCAVATED AREAS AND EMBANKMENT SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR SEVEN DAYS.
- (e) CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR OTHER POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
- (f) THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT DAILY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF 1/2 INCH OR GREATER OR EQUIVALENT SNOWFALL AND DURING THE WINTER SHUTDOWN PERIOD. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.
- (g) SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR EARTH EXCAVATION FOR EROSION CONTROL.
- (h) THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNTIL BID PRICE FOR VARIOUS TEMPORARY EROSION CONTROL PAY ITEMS.

DESCRIPTION OF STRUCTURAL PRACTICES AFTER FINAL GRADING

1. TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED.
2. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED, AND DISTURBED TURF RESEDED (UNLESS NOTED OTHERWISE).

MAINTENANCE AFTER CONSTRUCTION

CONSTRUCTION IS COMPLETE AFTER ACCEPTANCE IS RECEIVED AT THE FINAL INSPECTION. MAINTENANCE UP THIS DATE WILL BE BY THE CONTRACTOR.

MISCELLANEOUS

1. TEMPORARY DITCH CHECKS SHALL BE LOCATED AT EVERY 1.5 FT. FALL/RISE IN DITCH GRADE (UNLESS NOTED OTHERWISE).
2. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRE. (UNLESS NOTED OTHERWISE).
3. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, URETHANE FOAM/GEOTEXTILE (SILT WEDGES), AND/OR ANY OTHER MATERIAL APPROVED BY THE EROSION AND SEDIMENT CONTROL COORDINATOR.
4. SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS, AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION FOR EROSION CONTROL.
5. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

- (d) BARE AND SPARSELY VEGETATED GROUND IN HIGH ERODABLE AREAS AS DETERMINED WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.
- (e) AT LOCATIONS WHERE A SIGNIFICANT AMOUNT OF WATER DRAINS INTO THE CONSTRUCTION ZONE FROM OUTSIDE AREAS (ADJACENT LANDOWNERS), TEMPORARY DITCH CHECKS WILL BE UTILIZED TO LOCALLY DIVERT WATER, REDUCE FLOW RATES, AND COLLECT OUTSIDE SILTATION INSIDE THE RIGHT-OF-WAY LINE.

2. ESTABLISHMENT OF THESE TEMPORARY EROSION CONTROL MEASURES WILL HAVE ADDITIONAL BENEFITS TO THE PROJECT. DESIRABLE GRASS SEED WILL BECOME ESTABLISHED IN THESE AREAS AND WILL SPREAD SEEDS ONTO THE CONSTRUCTION SITE UNTIL PERMANENT SEEDING/MOWING AND OVERSEEDING CAN BE COMPLETED.
3. A THIRD BENEFIT OF THESE AREAS IS THAT THEY WILL BEGIN TO PROVIDE A SCREEN AND BUFFER. THEY WILL HELP PROTECT THE CONSTRUCTION SITE FROM WINDS AND EXCESS SUN AND MITIGATE CONSTRUCTION NOISE AND DUST.

NOTE: MAINTENANCE AND CLEANING OF THE EROSION CONTROL ITEMS SHALL BE PAID FOR ACCORDING TO ARTICLE 109.

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER 1LR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONAL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

James A. Verrier II
SIGNATURE

3/28/07
DATE

THE FOLLOWING PLAN IS ESTABLISHED AND INCORPORATED IN THE PROJECT TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE EROSION WITHIN THE CONSTRUCTION SITE AND TO LIMIT SEDIMENTS FROM LEAVING THE CONSTRUCTION SITE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN EROSION CONTROL FACILITIES SHALL BE INSTALLED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE-BY-CASE SITUATION DEPENDING ON THE CONTRACTORS SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL INSTALL PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A TIME FRAME SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER, THEREFORE MINIMIZING THE AMOUNT OF AREA SUSCEPTIBLE TO EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE ENGINEER WILL DETERMINE IF ANY TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT INCLUDED IN THIS PLAN, SHALL BE ADDED. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

SITE DESCRIPTION

DESCRIPTION OF CONSTRUCTION ACTIVITIES

1. THE PROPOSED IMPROVEMENT CONSISTS OF: PHASE IV COMPLETE RECONSTRUCTION OF SEIBERT ROAD FROM STATION 35+00 TO STATION 44+03.40.
2. CONSTRUCTION CONSISTS OF EARTHWORK, BITUMINOUS ROADWAY REMOVAL AND REPLACEMENT, STORM SEWER, CURB & CUTTER, SIDEWALK, BIKE TRAIL AND OTHER MISCELLANEOUS ITEMS TO COMPLETE THE WORK.

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE

1. CONSTRUCT PROPOSED EMBANKMENT, STORM SEWERS AND DRAINAGE STRUCTURES ALONG ENTIRE LENGTH OF PROJECT.
2. PLACEMENT, MAINTENANCE, REMOVAL AND PROPER CLEAN UP OF TEMPORARY EROSION CONTROL SUCH AS TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, TEMPORARY SEEDING, ETC.
3. CURB AND GUTTER AND PAVEMENT CONSTRUCTION.
4. FINAL GRADING AND OTHER MISCELLANEOUS ITEMS.
5. PLACEMENT OF PERMANENT EROSION CONTROL SUCH AS RIPRAP AND SEEDING, ETC.

AREA OF CONSTRUCTION SITE

THE TOTAL AREA OF THE CONSTRUCTION SITE TO BE DISTURBED BY EXCAVATION, GRADING, AND OTHER ACTIVITIES IS ESTIMATED TO BE 1.5 ACRES.

OTHER REPORTS AND PLANS WHICH AID IN THE DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN AS REFERENCED DOCUMENTS

1. INFORMATION OF THE TERRAIN WITHIN THE SITE WAS OBTAINED FROM TOPOGRAPHIC SURVEYS THAT WERE UTILIZED FOR THE DEVELOPMENT OF THE PROPOSED TEMPORARY EROSION CONTROL SYSTEMS.
2. PROJECT PLAN DOCUMENTS, SPECIFICATIONS AND SPECIAL PROVISIONS AND APPROXIMATE SLOPES ANTICIPATED AFTER GRADING ACTIVITIES WERE UTILIZED FOR THE PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

DRAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF FROM THIS CONSTRUCTION SITE

1. ALL ROADWAY DRAINAGE DISCHARGES INTO A TRIBUTARY OF ASH CREEK (A TRIBUTARY OF SILVER CREEK), SILVER CREEK DISCHARGES INTO THE KASKASKIA RIVER (A TRIBUTARY OF THE MISSISSIPPI RIVER).

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROL

DESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION.

1. THE DRAINAGE SPECIFICATIONS AND SPECIAL PROVISIONS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES AS DIRECTED BY THE ENGINEER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN SEVEN DAYS AFTER THE CONSTRUCTION ACTIVITY ON THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
 - (a) AREAS OF EXISTING VEGETATION (WOOD AND GRASSLANDS) OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE IDENTIFIED BY THE ENGINEER FOR PRESERVING AND SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES.
 - (b) DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.
 - (c) AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, AND PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.

TEMPORARY EROSION CONTROL				
LOCATION	INLET AND PIPE PROTECTION	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	TEMPORARY EROSION CONTROL SEEDING (2 APPL) (POUNDS)
	(EACH)	(EACH)	(FOOT)	
SEIBERT ROAD	13	2	85	251
TOTAL:	13	2	85	251

PLOT DATE = 3/26/2007
FILE NAME = P:\0181798\Sign\Phase IV Plans-REVISED 2-16-07\0181798SWPP-4.dgn
PLOT SCALE = 4828000 / 7 IN.
USER NAME = dhoerrner

STORM WATER POLLUTION PREVENTION PLAN
PROJECT: SEIBERT ROAD RECONSTRUCTION - PHASE IV VILLAGE OF SHILOH ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ
DESIGNED BY: MJJ
CHECKED BY: XXX
APPROVED BY: XXX

SHEET
16

PROJECT NUMBER: D20010479 OF 38 SHEETS

ISSUED FOR REVIEW ISSUED FOR BIDDING
 ISSUED FOR CONSTR. RECORD DRAWING



CORPORATE OFFICE
4940 OLD COLLINGSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6688
corp@twm-inc.com

WATERLOO OFFICE
113 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 939-5060
FAX (618) 939-8988
waterloo@twm-inc.com

ST. LOUIS OFFICE
1001 CRAIG ROAD, SUITE 290
ST. LOUIS, MISSOURI 63146
TEL (314) 238-4062
FAX (314) 872-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-02200
PROFESSIONAL ENGINEERING CORP.	03-00070
PROFESSIONAL PHYSICIAN ENG. CORP.	01-00002
ILLINOIS PROFESSIONAL SURVEYING CORP.	046-00008
MISSOURI PROFESSIONAL ENGR. CORP.	110-00008
MISSOURI LAND SURVEYING CORP.	110-00004

SEAL

This Professional Seal certifies to the correct Illinois Minimum Standards for a Boundary Survey

Signature: _____
Expiration Date: _____

STATEMENT OF RESPONSIBILITY
I hereby certify that the documents herein to be authorized by my seal is related to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments related to or intended to be utilized for any other part of the architectural, engineering or survey project.

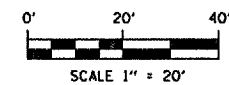
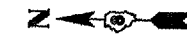
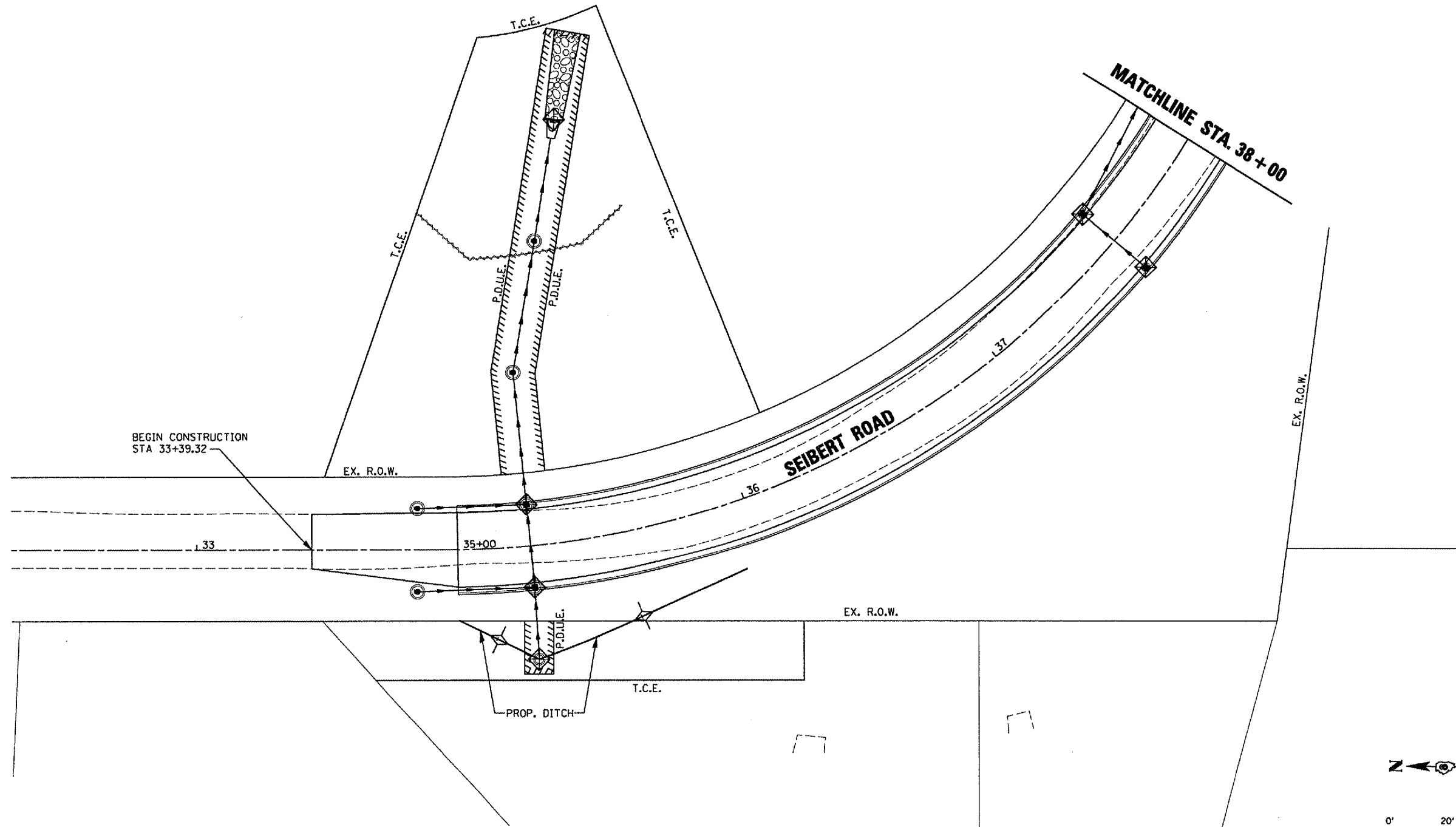
**TITLE: TEMPORARY EROSION CONTROL
DETAILS
STA 33 + 39.32 TO STA 38 + 00**

**PROJECT: SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS**

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ	SHEET
DESIGNED BY: MJJ	17
CHECKED BY: XXX	
APPROVED BY: XXX	
PROJECT NUMBER: D20010479	

ISSUED FOR REVIEW ISSUED FOR BIDDING
 ISSUED FOR CONSTR. FIELD DRAWING



	PERIMETER EROSION BARRIER
	TEMPORARY DITCH CHECK
	INLET & PIPE PROTECTION



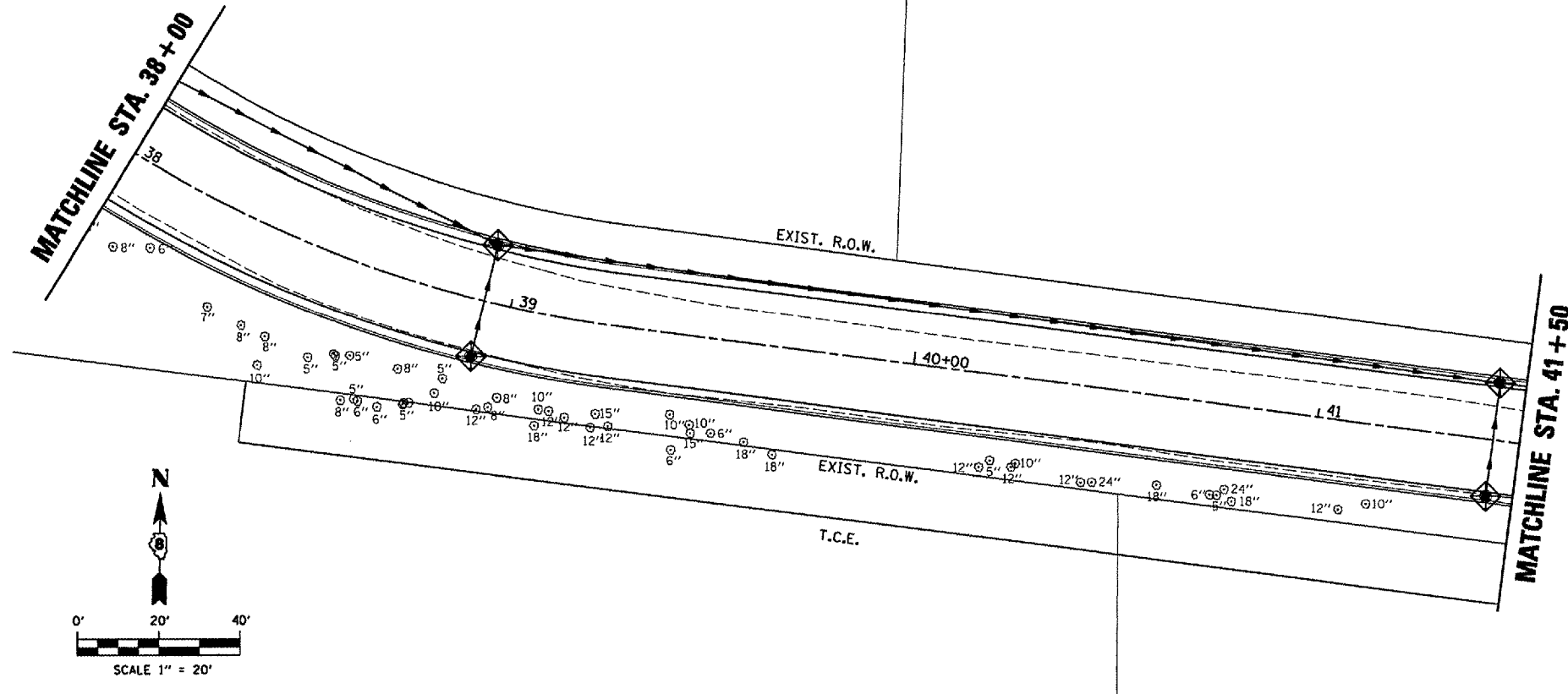
- CORPORATE OFFICE**
4840 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 824-1488
FAX (618) 624-6888
corp@twm-inc.com
- WATERLOO OFFICE**
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 939-5050
FAX (618) 939-8988
waterloo@twm-inc.com
- ST. LOUIS OFFICE**
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL (314) 236-6052
FAX (314) 872-5184
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	154-02284
PROFESSIONAL ENGINEERING CORP.	03-00070
PROFESSIONAL STRUCTURAL ENGINEER	03-00022
ILLINOIS PEAK LAND SURVEYING CORP.	04-00000
MICHIGAN PROFESSIONAL ENGR. CORP.	NO 00020
MICHIGAN LAND SURVEYING CORP.	NO 00044

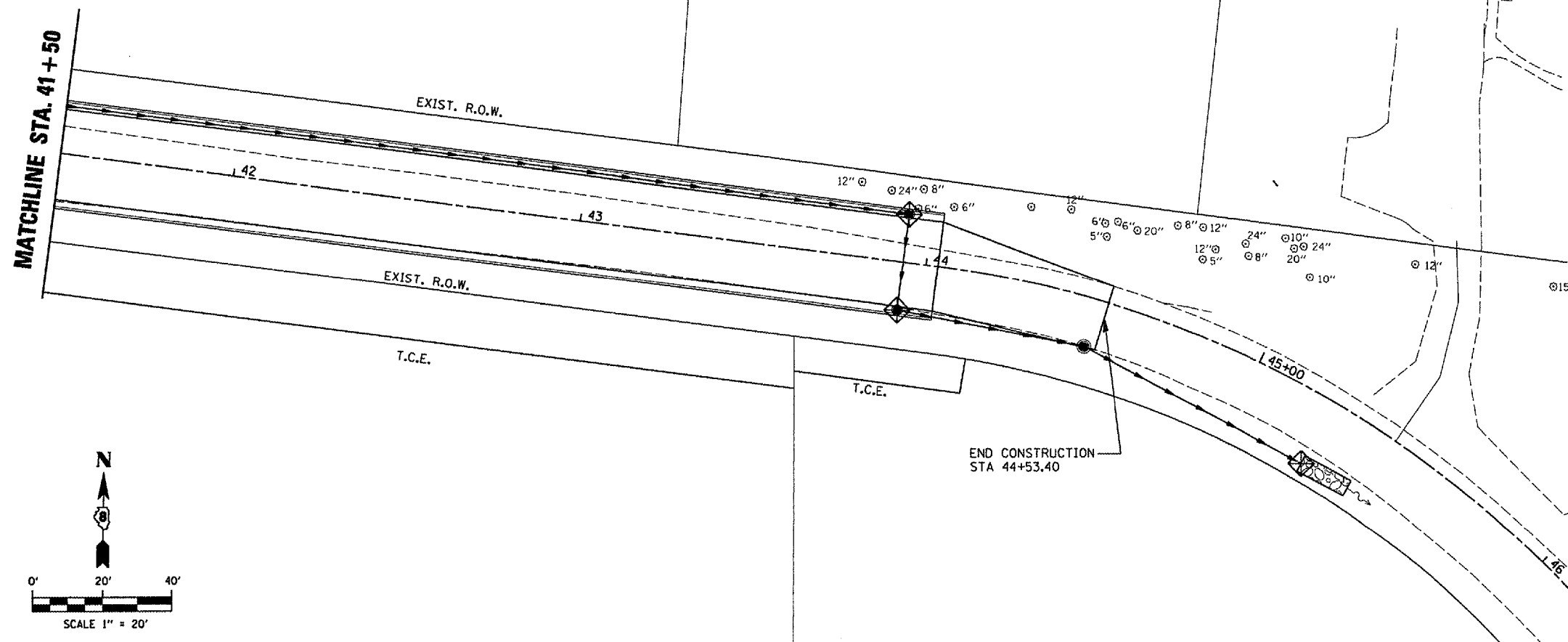
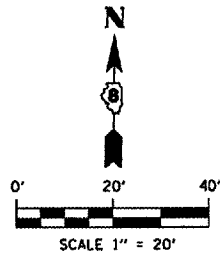
SEAL

This Professional Design conforms to the current Illinois Minimum Standards for a Boundary Survey.
Signature: _____
Registration No: _____

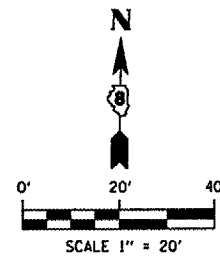
STATEMENT OF RESPONSIBILITY
I hereby certify that the documents herein to be submitted by my office pursuant to this contract and I hereby declare my responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.



- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- INLET & PIPE PROTECTION



- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- INLET & PIPE PROTECTION



TITLE TEMPORARY EROSION CONTROL
DETAILS
STA 38 + 00 TO STA 44 + 53.40
PROJECT: SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ	SHEET
DESIGNED BY: MJJ	18
CHECKED BY: XXX	
APPROVED BY: XXX	
PROJECT NUMBER D20010479	OF 38 SHEETS

ISSUED FOR REVIEW ISSUED FOR BIDDING
 ISSUED FOR CONSTR. RECORD DRAWING



- CORPORATE OFFICE**
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6688
corp@twm-inc.com
- WATERLOO OFFICE**
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62228
TEL (618) 939-5060
FAX (618) 939-9888
waterloo@twm-inc.com
- ST. LOUIS OFFICE**
1001 CRAIG ROAD, SUITE 200
ST. LOUIS, MISSOURI 63146
TEL (314) 286-6062
FAX (314) 872-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	104-0228
PROFESSIONAL ENGINEERING CORP.	02-00079
PROFESSIONAL STRUCTURING ENGR. CORP.	02-00002
ILLINOIS PROF. LAND SURVEYING CORP.	048-00020
MISSOURI PROFESSIONAL ENGR. CORP.	NO 46228
MISSOURI LAND SURVEYING CORP.	NO 00040

SEAL



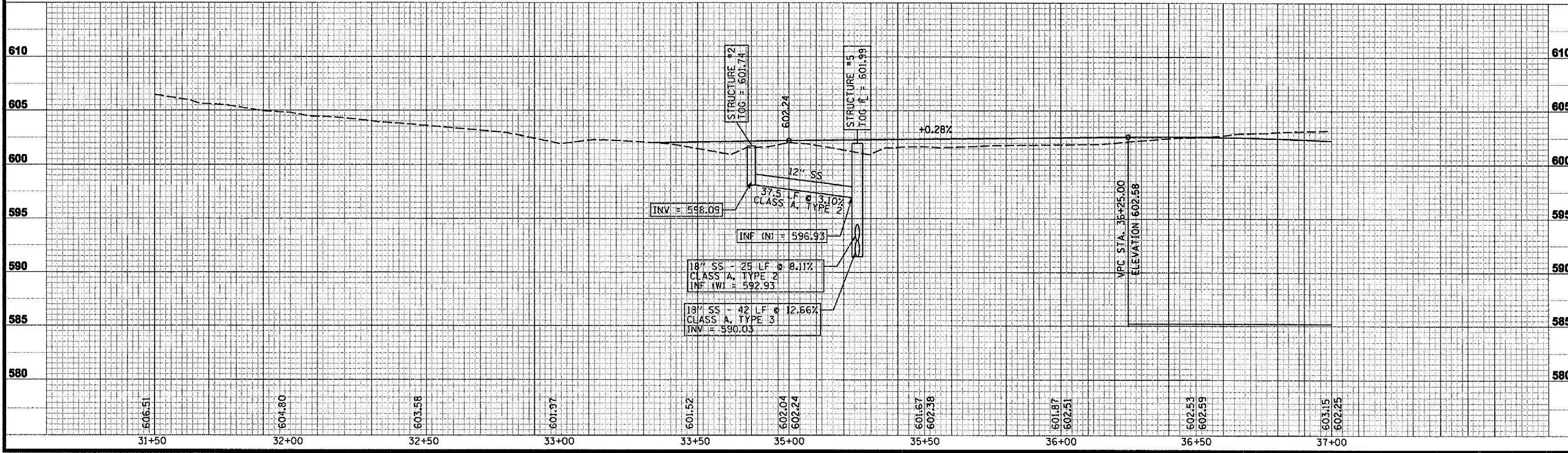
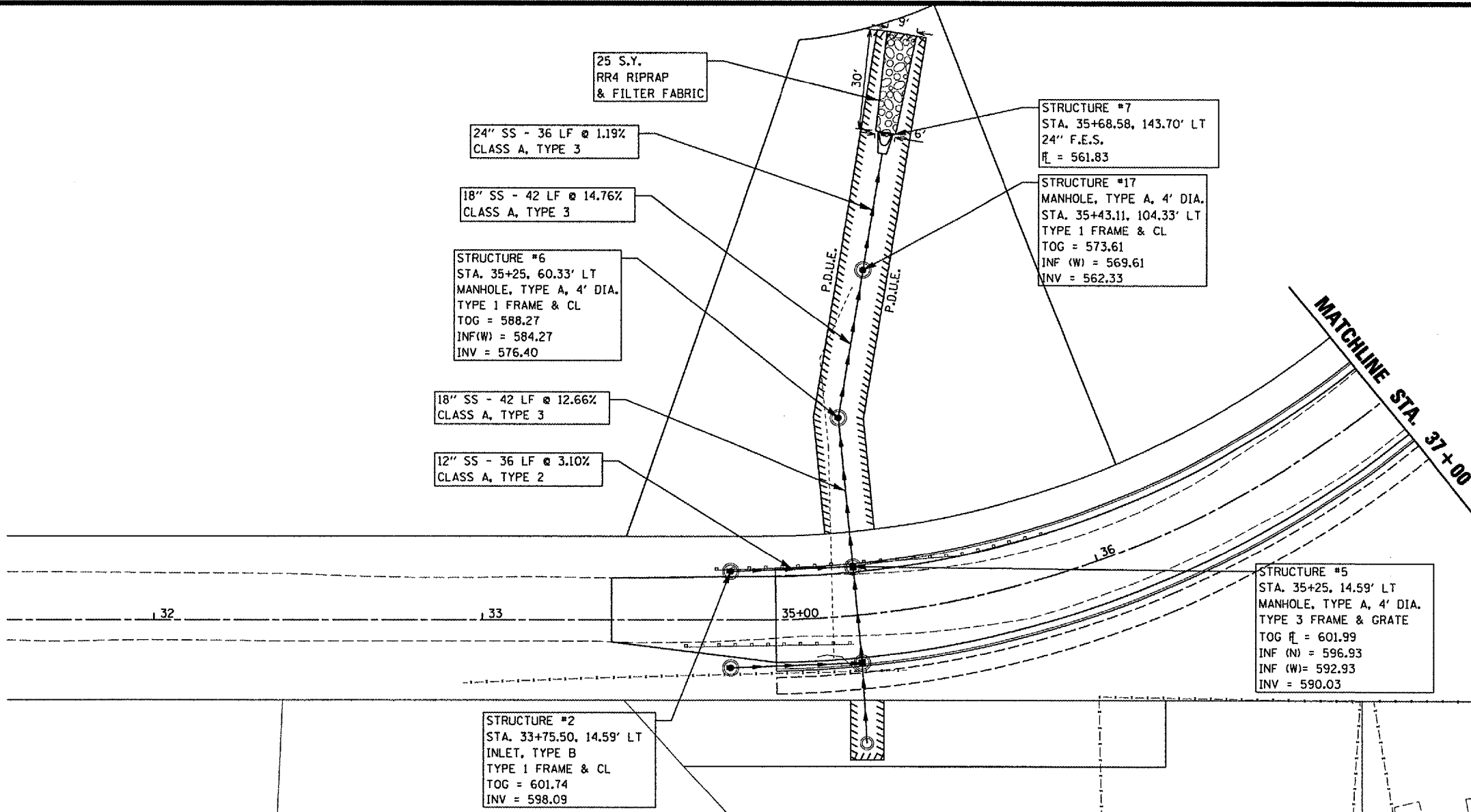
Signature: _____
 Signature Date: _____
 Expiration Date: _____
STATEMENT OF RESPONSIBILITY
 I hereby certify that the documents herein to be administered by me and to be restricted to this alone, and I hereby assume my responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

TITLE
STORM SEWER PLAN AND PROFILE
LEFT SIDE - STA. 35+00 TO 37+00

PROJECT:
SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ	SHEET
DESIGNED BY: MJJ	19
CHECKED BY: XXX	
APPROVED BY: XXX	
PROJECT NUMBER: D20010479	
OF 38 SHEETS	
<input checked="" type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING



PLOT DATE = 3/21/2007
 FILE NAME = P:\010479\010479.dgn
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = dbjppp



- CORPORATE OFFICE**
4840 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6888
corp@twm-inc.com
- WATERLOO OFFICE**
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62286
TEL (618) 989-5060
FAX (618) 989-9988
waterloo@twm-inc.com
- ST. LOUIS OFFICE**
1001 CRAIG ROAD, SUITE 280
ST. LOUIS, MISSOURI 63146
TEL (314) 294-6052
FAX (314) 872-3184
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	18-0228
PROFESSIONAL ENGINEERING CORP.	08-00079
PROFESSIONAL STRUCTURAL ENGINEER CORP.	08-00024
ILLINOIS FIRM LAND SURVEYING CORP.	08-00028
MISSOURI PROFESSIONAL ENGINEER CORP.	NO 00028
MISSOURI LAND SURVEYING CORP.	NO 00044

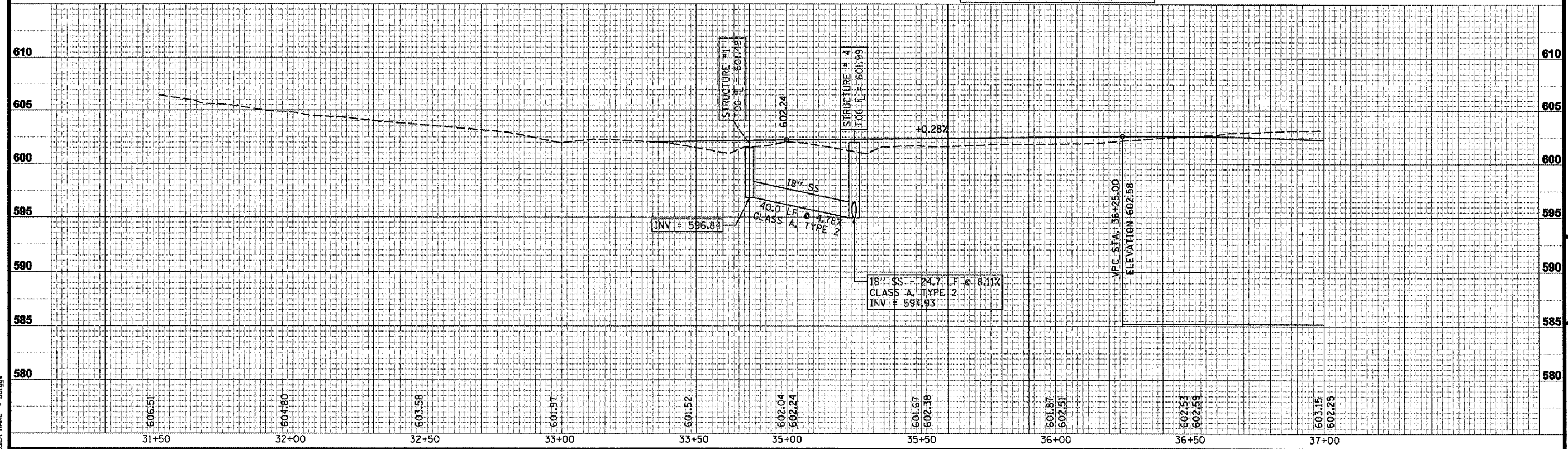
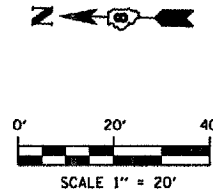
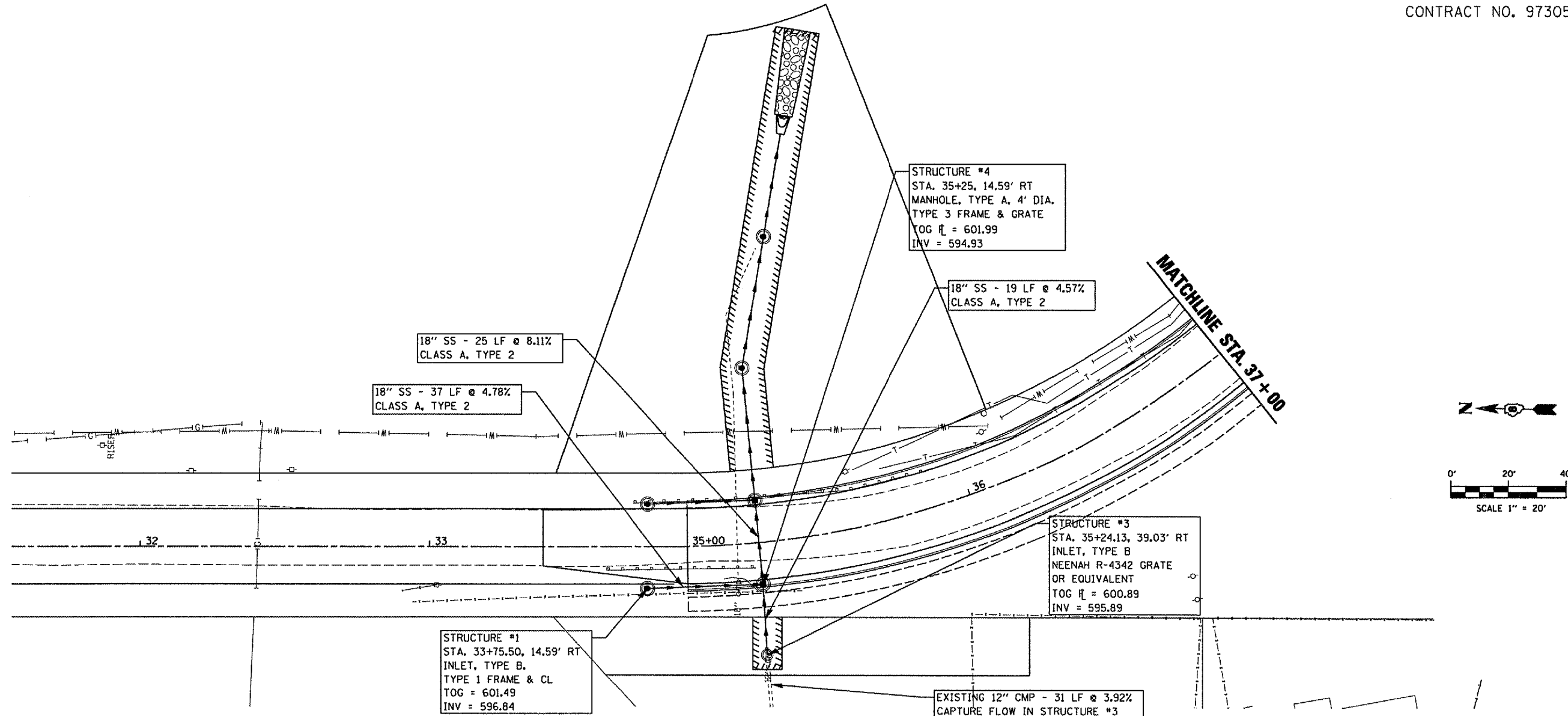
Signature: _____
Registration Date: _____
STATEMENT OF RESPONSIBILITY
I hereby certify that the documents herein to be authorized by my seal is restricted to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

TITLE
STORM SEWER PLAN AND PROFILE
RIGHT SIDE - STA. 35+00 TO 37+00

PROJECT
SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ	SHEET
DESIGNED BY: MJJ	
CHECKED BY: XXX	20
APPROVED BY: XXX	
PROJECT NUMBER: D20010479	OF 38 SHEETS
<input checked="" type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING



PLOT DATE = 3/21/2007
FILE NAME = P:\010479\Storm\Phase IV Plans-REVISED 2-16-07\010479SPST-4.dgn
PLOT SCALE = 48.0000 / IN.
USER NAME = dbjg



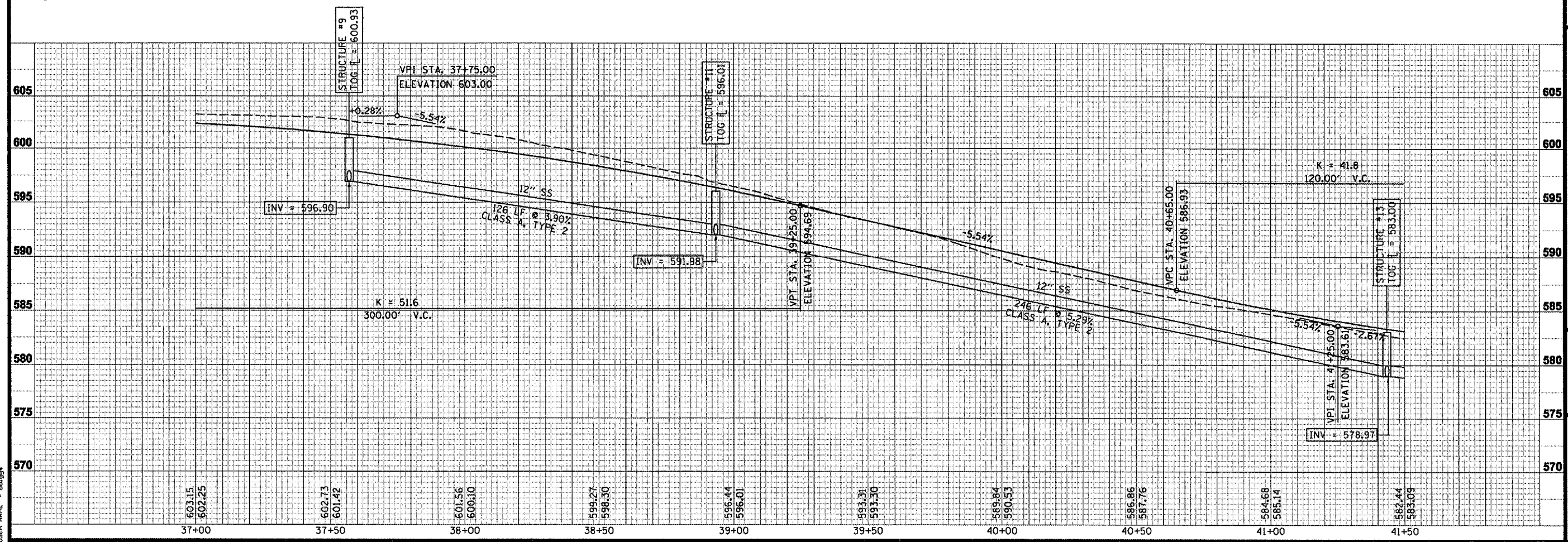
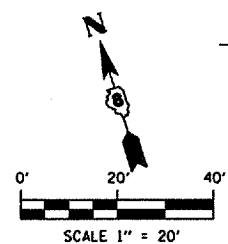
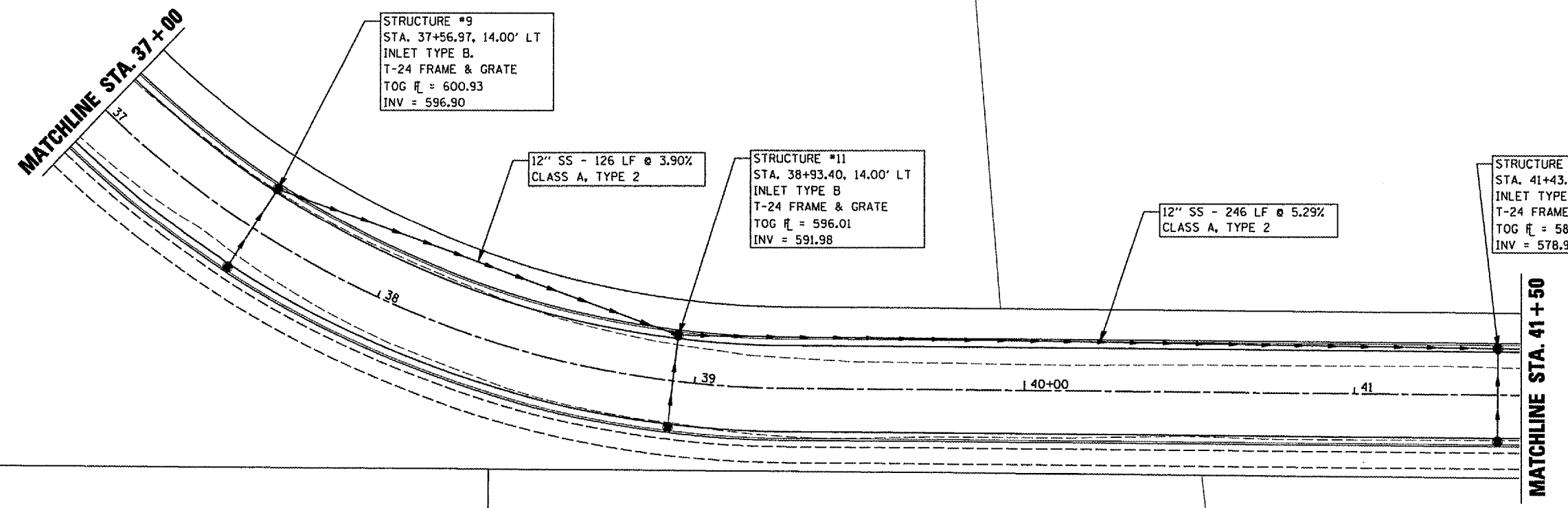
- CORPORATE OFFICE**
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-9688
corp@twm-inc.com
- WATERLOO OFFICE**
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62296
TEL (618) 938-5050
FAX (618) 938-9888
waterloo@twm-inc.com
- ST. LOUIS OFFICE**
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL (314) 286-6052
FAX (314) 872-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL ENGINEER	184-02328
PROFESSIONAL ENGINEERING CORP.	03-00070
PROFESSIONAL STRUCTURAL ENGINEER CORP.	03-00022
ILLINOIS PROF. LAND SURVEYING CORP.	043-00028
MISSOURI PROFESSIONAL ENGINEER CORP.	NO 00028
MISSOURI LAND SURVEYING CORP.	NO 00044

SEAL

Signature: _____
 Signature Date: _____
 Expiration Date: _____

STATEMENT OF RESPONSIBILITY
 I hereby confirm that the documents herein to be authorized by my seal is restricted to this plan, and I hereby declare my responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.



PLOT DATE = 3/21/2007
 FILE NAME = P:\10470PPST\Phase IV Plans\REVISED 2-16-07\10470PPST-4.dgn
 PLOT SCALE = 40.0000 / IN.
 USER NAME = dbjgg

TITLE
 STORM SEWER PLAN AND PROFILE
 LEFT SIDE - STA. 37+00 TO 41+50

PROJECT:
 SEIBERT ROAD
 RECONSTRUCTION - PHASE IV
 VILLAGE OF SHILOH
 ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ	SHEET
DESIGNED BY: MJJ	21
CHECKED BY: XXX	
APPROVED BY: XXX	
PROJECT NUMBER: D20010479	
OF 38 SHEETS	
<input type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING



CORPORATE OFFICE

4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6688
corp@twm-inc.com

WATERLOO OFFICE

113 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62206
TEL (618) 989-5050
FAX (618) 989-8988
waterloo@twm-inc.com

ST. LOUIS OFFICE

1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL (314) 236-5052
FAX (314) 672-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-00290
PROFESSIONAL ENGINEERING CORP.	03-08879
PROFESSIONAL ENVIRONMENTAL ENGR. CORP.	03-00803
ILLINOIS PROF. LAND SURVEYING CORP.	046-00020
MISSOURI PROFESSIONAL ENGR. CORP.	910 00026
MISSOURI LAND SURVEYING CORP.	910 00046

SEAL

Signature: _____
Expiration Date: _____
STATEMENT OF RESPONSIBILITY
I hereby confirm that the document herein to be authorized by my seal is restricted to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or statements relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

MATCHLINE STA. 37+00

MATCHLINE STA. 41+50

STRUCTURE #8
STA. 37+56.97, 14.00' RT
INLET, TYPE A
T-24 FRAME & GRATE
TOG \bar{H} = 600.93
INV = 597.18

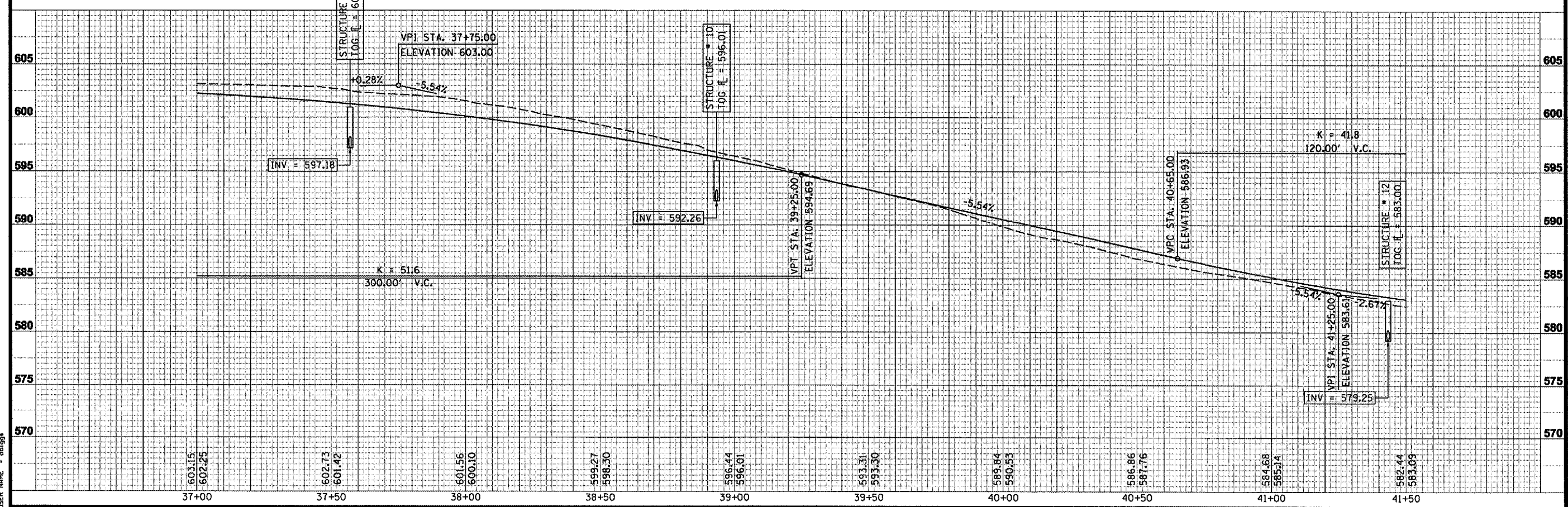
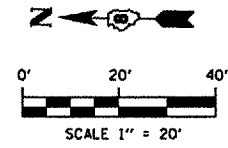
12" SS - 26 LF @ 1.08%
CLASS A, TYPE 2

12" SS - 26 LF @ 1.08%
CLASS A, TYPE 2

12" SS - 26 LF @ 1.08%
CLASS A, TYPE 2

STRUCTURE #10
STA. 38+93.40, 14.00' RT
INLET, TYPE A
T-24 FRAME & GRATE
TOG \bar{H} = 596.01
INV = 592.26

STRUCTURE #12
STA. 41+43.40, 14.00' RT
INLET, TYPE A
T-24 FRAME & GRATE
TOG \bar{H} = 583.00
INV = 579.25



PLOT DATE = 9/21/2007
FILE NAME = P:\2007\97305\Phase IV Plans\REVISED 2-16-07\97305R4799PST_4.dgn
PLOT SCALE = 48,0000 / IN
USER NAME = dhsaga

TITLE: **STORM SEWER PLAN AND PROFILE**
RIGHT SIDE - STA. 37+00 TO 41+50
PROJECT: **SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS**

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ	SHEET
DESIGNED BY: MJJ	
CHECKED BY: XXX	22
APPROVED BY: XXX	
PROJECT NUMBER: D20010479	OF 36 SHEETS
<input checked="" type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING



CORPORATE OFFICE
4840 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-8888
corp@twm-inc.com

WATERLOO OFFICE
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 898-5050
FAX (618) 898-8888
waterloo@twm-inc.com

ST. LOUIS OFFICE
1001 CRAIG ROAD, SUITE 280
ST. LOUIS, MISSOURI 63148
TEL (314) 236-6062
FAX (314) 872-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL ENGINEER	04-00280
PROFESSIONAL ENGINEERING CORP.	04-00278
PROFESSIONAL PHYSIOLOGICAL TECH. CORP.	04-00282
ILLINOIS PROF. LAND SURVEYING CORP.	048-00059
MISSOURI PROFESSIONAL ENGINEER	MC 00085
MISSOURI LAND SURVEYING CORP.	MC 00086

SEAL

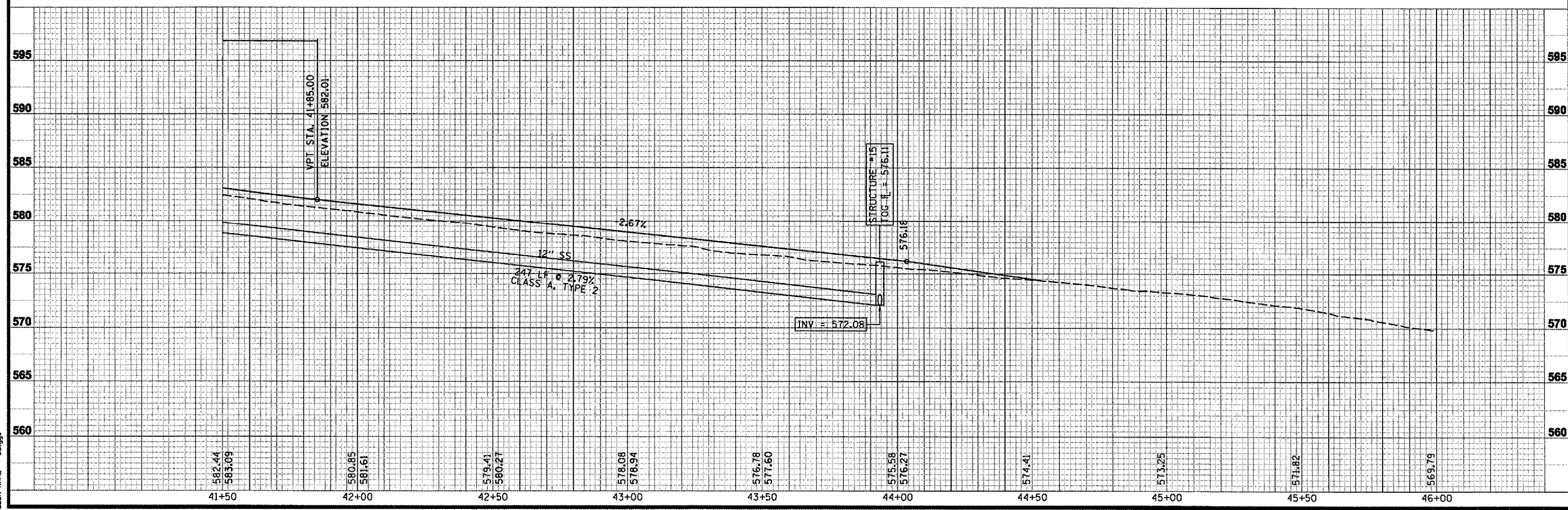
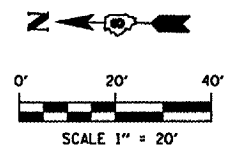
Signature: _____
 Signature Date: _____
 Registration Date: _____

STATEMENT OF RESPONSIBILITY
 I hereby certify that the documents herein to be authenticated by my seal is restricted to this client, and I hereby decline any responsibility for all other documents or instruments relating to or intended to be utilized for any other part of the architect, engineering or survey project.

MATCHLINE STA. 41+50

12" SS - 247 LF @ 2.79%
CLASS A, TYPE 2

STRUCTURE #15
STA. 43+93.40, 14.00' LT
INLET TYPE B
T-24 FRAME & GRATE
TOG R_L = 576.11
INV = 572.08



TITLE
STORM SEWER PLAN AND PROFILE
LEFT SIDE - STA. 41+50 TO 45+50

PROJECT:
SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ SHEET
 DESIGNED BY: MJJ
 CHECKED BY: XXX
 APPROVED BY: XXX
 PROJECT NUMBER: D20010479 OF 38 SHEETS

23

ISSUED FOR REVIEW ISSUED FOR BIDDING
 ISSUED FOR CONSTR. RECORD DRAWING

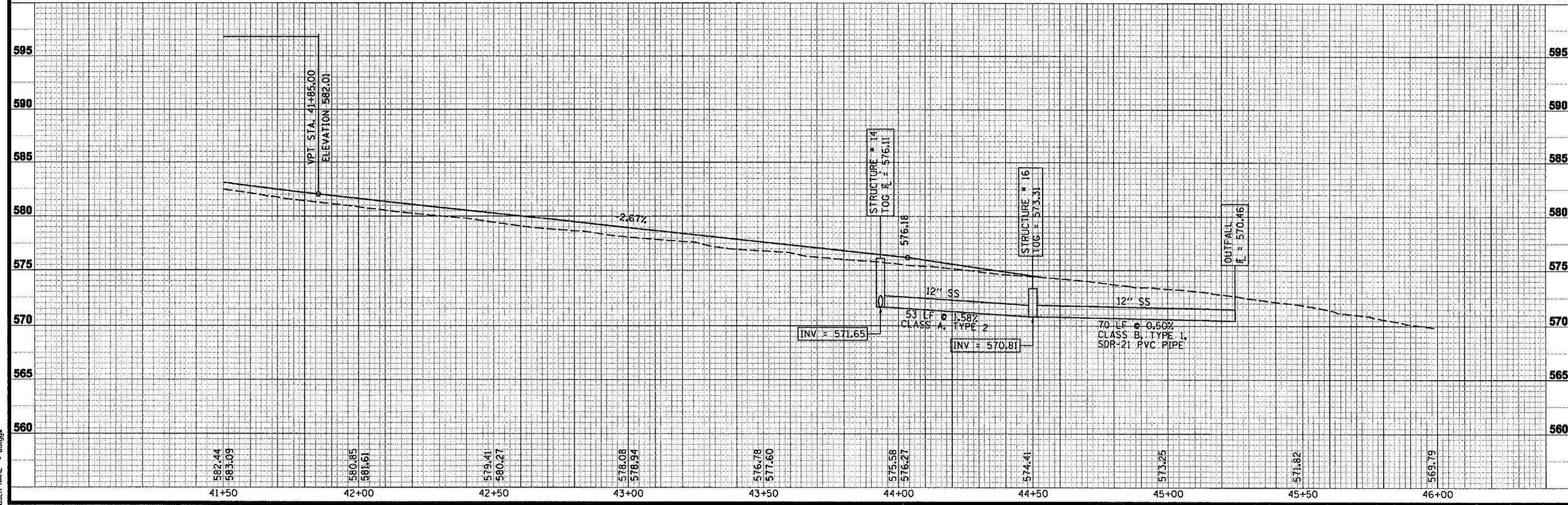
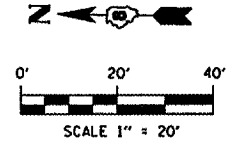
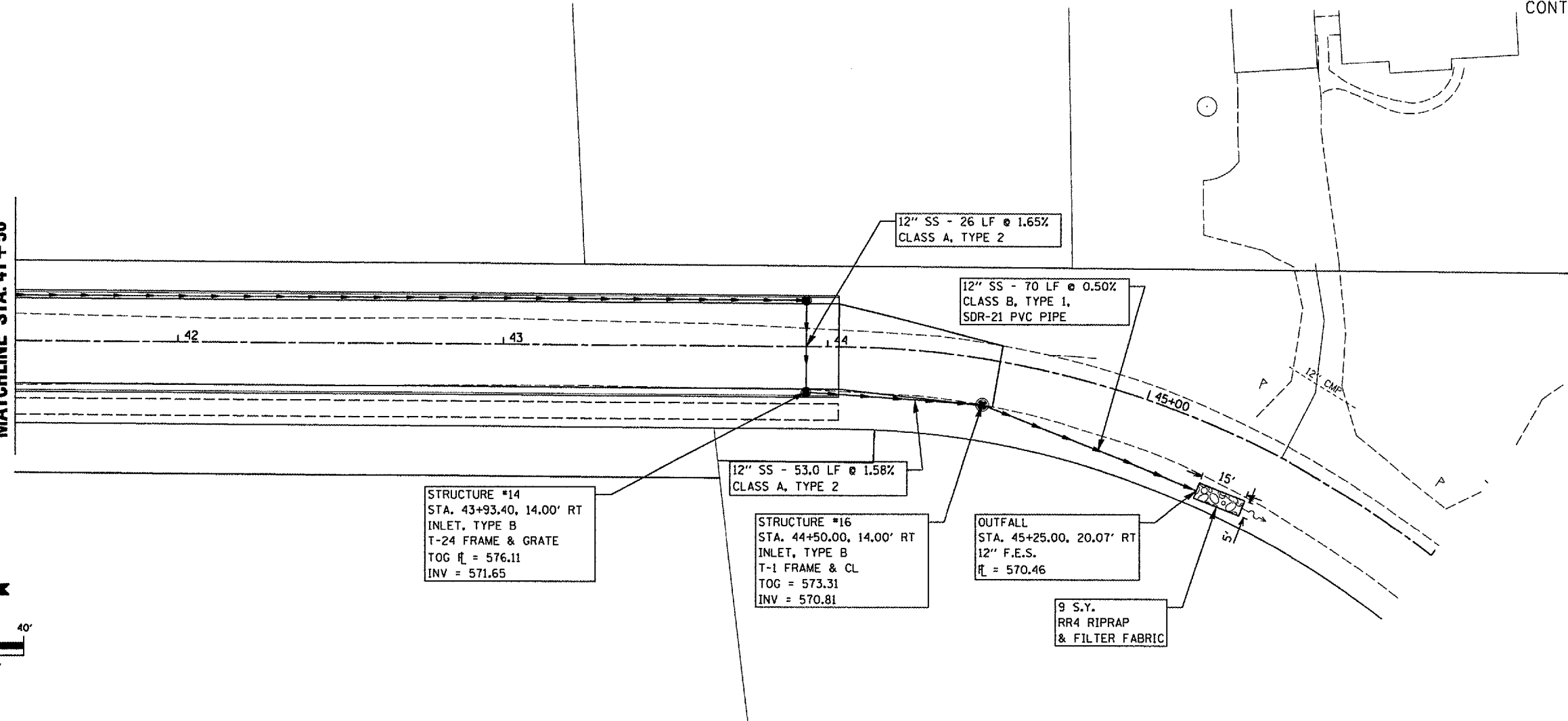


- CORPORATE OFFICE**
4040 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-8888
corp@twm-inc.com
- WATERLOO OFFICE**
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 938-5050
FAX (618) 938-9388
waterloo@twm-inc.com
- ST. LOUIS OFFICE**
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL (314) 298-5052
FAX (314) 872-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL ENGINEER	164-00280
PROFESSIONAL ENGINEERING CORP.	05-00070
PROFESSIONAL STRUCTURAL ENGINEER	05-00082
ILLINOIS PROF. LAND SURVEYING CORP.	045-00028
MISSOURI PROFESSIONAL ENGINEER	NO 63898
MISSOURI LAND SURVEYING CORP.	NO 63864

Signature: _____
 Signature Date: _____
 I hereby certify that the documents herein to be reproduced by my seal is restricted to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

MATCHLINE STA. 41 + 50



PLOT DATE = 3/21/2007
 FILE NAME = P:\018\795\04\Phase IV Plans\REVISED 2-16-07\018795PST_4.dgn
 PLOT SCALE = 40,0000 // IN
 USER NAME = dbugga

TITLE
STORM SEWER PLAN AND PROFILE
RIGHT SIDE - STA. 41+50 TO 45+50

PROJECT:
SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ	SHEET
DESIGNED BY: MJJ	
CHECKED BY: XXX	24
APPROVED BY: XXX	
PROJECT NUMBER: T20010479	OF 38 SHEETS
<input checked="" type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

CONTRACT NO. 97305

THOUVENOT, WADE & MOERCHEN, INC.
ENGINEERS ♦ SURVEYORS ♦ PLANNERS

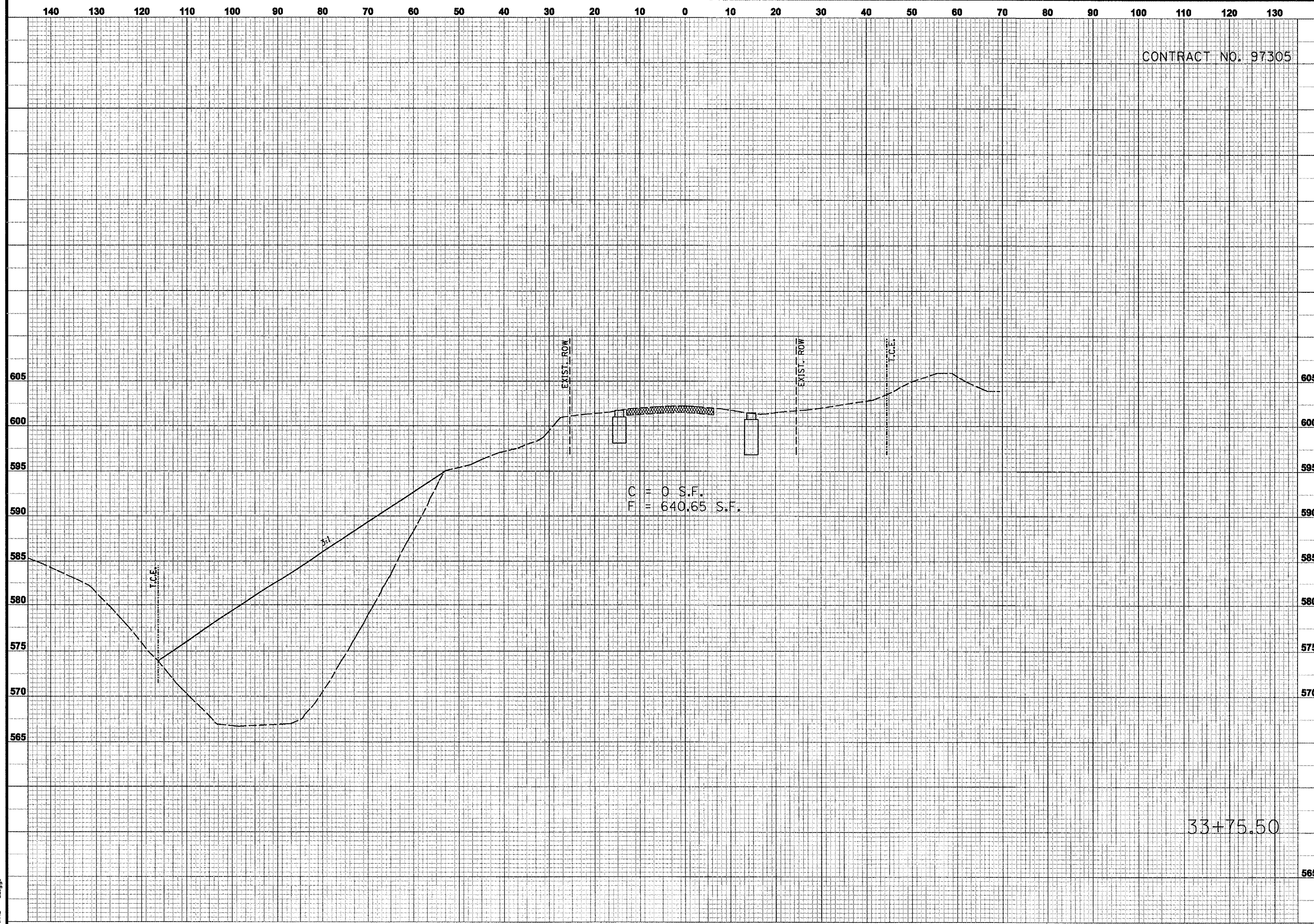


- CORPORATE OFFICE**
4840 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-9888
corp@twm-inc.com
- WATERLOO OFFICE**
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 889-6060
FAX (618) 889-3988
waterloo@twm-inc.com
- ST. LOUIS OFFICE**
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL (314) 296-5062
FAX (314) 972-5194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-00289
PROFESSIONAL ENGINEERING CORP.	06-08979
PROFESSIONAL ARCHITECTURAL FIRM CORP.	06-09003
ILLINOIS PROFESSIONAL LAND SURVEYING CORP.	048-00089
MISSOURI PROFESSIONAL ENGINEER CORP.	NO 00000
MISSOURI LAND SURVEYING CORP.	NO 00000

Signature: _____
Registration Date: _____

STATEMENT OF RESPONSIBILITY
I hereby certify that the documents herein to be submitted by my office are prepared by me or under my direct supervision and I hereby declare my responsibility for all other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.



TITLE
PROPOSED CROSS SECTIONS
STA. 33 + 75.50

PROJECT
SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ	SHEET
DESIGNED BY: MJJ	25
CHECKED BY: XXX	
APPROVED BY: XXX	
PROJECT NUMBER: D20010479	
	OF 38 SHEETS

ISSUED FOR REVIEW ISSUED FOR BIDDING
 ISSUED FOR CONSTR. RECORD DRAWINGS

PLOT DATE = 3/21/2007
 FILE NAME = P:\1010479\Phase IV Plans-REVISED 2-16-07\1010479XSHT_4.dgn
 PLOT SCALE = 20.0000 / IN.
 USER NAME = dbjggs

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110

CONTRACT NO. 97305

**THOUVENOT,
WADE &
MOERCHEN, INC.**
ENGINEERS ♦ SURVEYORS ♦ PLANNERS



CORPORATE OFFICE
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-9888
corp@twm-inc.com

WATERLOO OFFICE
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62296
TEL (618) 939-5050
FAX (618) 939-3888
waterloo@twm-inc.com

ST. LOUIS OFFICE
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL (314) 296-6052
FAX (314) 872-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL SURVEYOR	184-02220
PROFESSIONAL ENGINEERING CORP.	62-08879
PROFESSIONAL STRUCTURAL ENGINEER CORP.	62-02222
ILLINOIS PROFESSIONAL LAND SURVEYING CORP.	62-02222
MISSOURI PROFESSIONAL ENGINEER CORP.	NC 06628
MISSOURI LAND SURVEYING CORP.	NC 06644

Signature: _____
Expiration Date: _____

STATEMENT OF RESPONSIBILITY
I hereby certify that the Accrual herein is to be undertaken by my self or myself to this state, and I hereby disclaim any responsibility for all other drawings, specifications, schedules, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

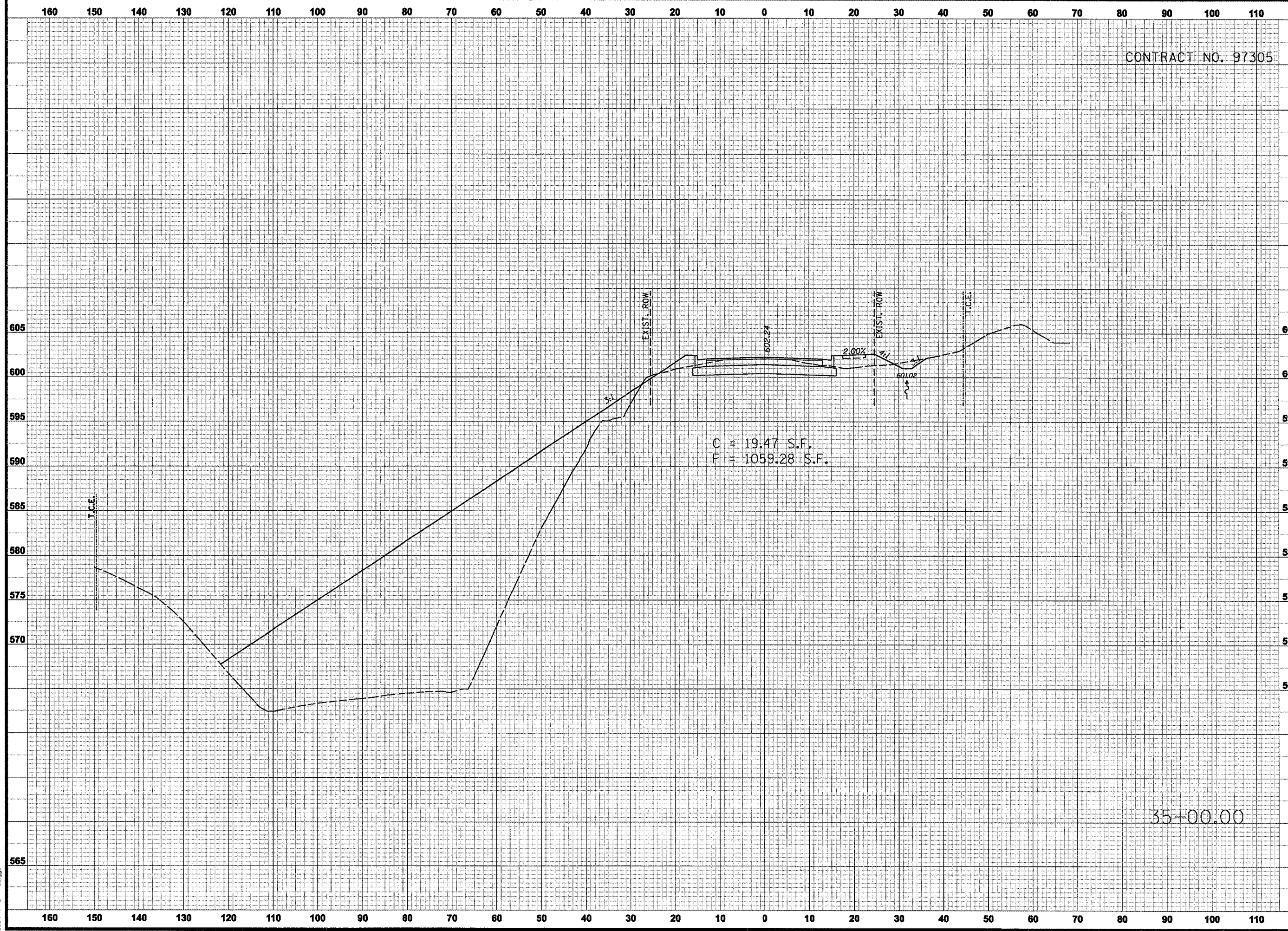
PROPOSED CROSS SECTIONS
STA. 35+00

PROJECT:
SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ	SHEET
DESIGNED BY: MJJ	26
CHECKED BY: XXX	
APPROVED BY: XXX	
PROJECT NUMBER: D20010479	
OF 38 SHEETS	

ISSUED FOR REVIEW ISSUED FOR BIDDING
 ISSUED FOR CONSTR. RECORD DRAWING



PLOT DATE = 3/21/2007
FILE NAME = P:\010479\010479.dgn
PLOT SCALE = 20.0000 / IN.
USER NAME = dbjg

180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90

CONTRACT NO. 97305

**THOUVENOT,
WADE &
MOERCHEN, INC.**
ENGINEERS ♦ SURVEYORS ♦ PLANNERS



CORPORATE OFFICE
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6888
corp@twm-inc.com

WATERLOO OFFICE
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 939-5050
FAX (618) 939-3988
waterloo@twm-inc.com

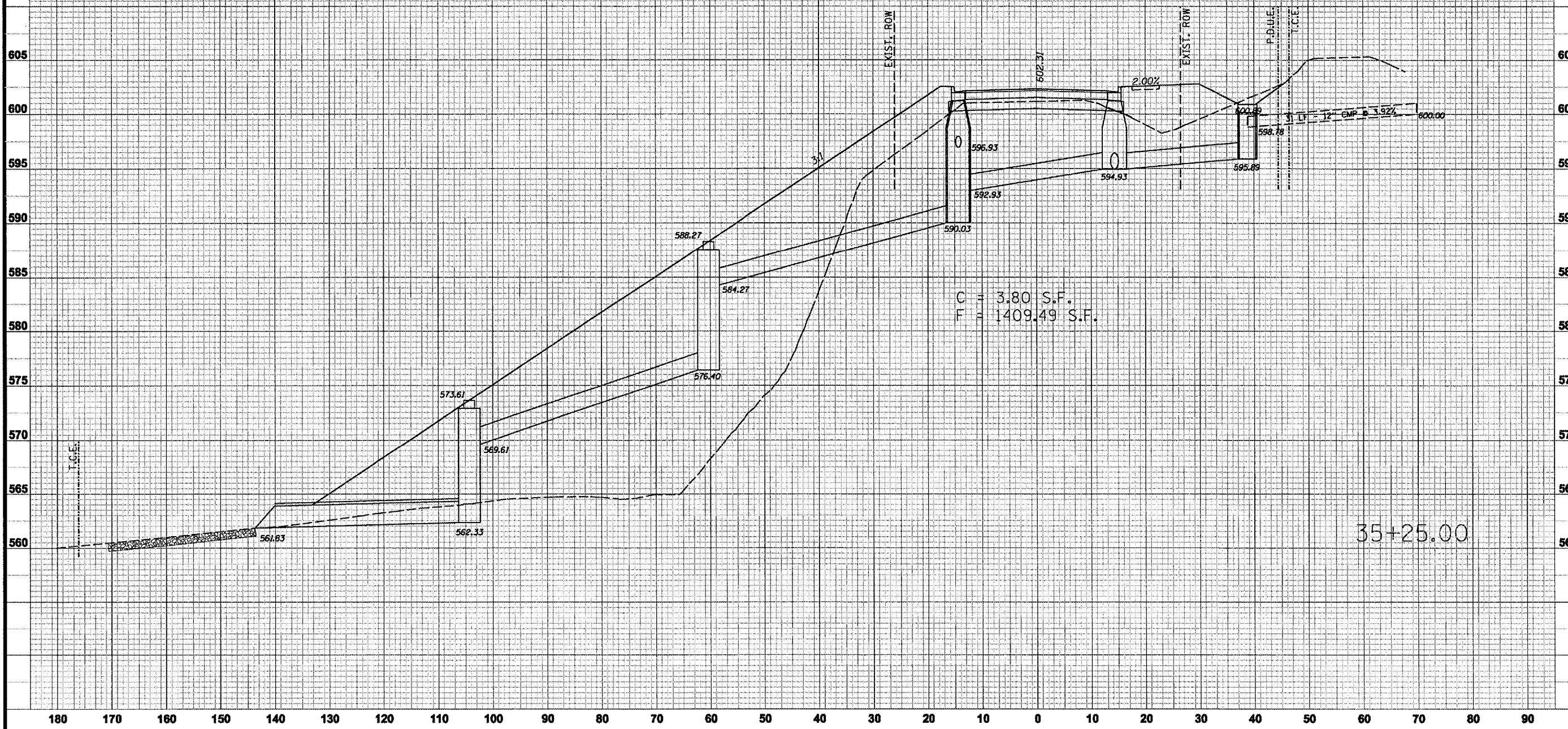
ST. LOUIS OFFICE
1001 CRAIG ROAD, SUITE 280
ST. LOUIS, MISSOURI 63148
TEL (314) 286-5052
FAX (314) 873-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN PERM	04-00280
PROFESSIONAL ENGINEERING CORP.	04-00099
PROFESSIONAL STRUCTURAL ENGINEER CORP.	04-00023
ILLINOIS PROF. LAND SURVEYING CORP.	042-00020
MISSOURI PROFESSIONAL ENGINEER CORP.	07-00150
MISSOURI LAND SURVEYING CORP.	07-00046

SEAL

Signature: _____
 Signature Date: _____
 Registration Date: _____

STATEMENT OF RESPONSIBILITY
 I hereby confirm that the documents herein to be authorized by my seal is restricted to this client, and I hereby decline any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.



PROPOSED CROSS SECTIONS
 STA. 35+25

PROJECT:
 SEIBERT ROAD
 RECONSTRUCTION - PHASE IV
 VILLAGE OF SHILOH
 ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ	SHEET
DESIGNED BY: MJJ	27
CHECKED BY: XXX	
APPROVED BY: XXX	
PROJECT NUMBER: D20010479	
OF 38 SHEETS	
<input checked="" type="checkbox"/> ISSUED FOR REVIEW <input type="checkbox"/> ISSUED FOR BIDDING <input type="checkbox"/> ISSUED FOR CONSTR. <input type="checkbox"/> RECORD DRAWING	

PLOT DATE = 3/21/2007
 FILE NAME = P:\A\0479B.dgn\Phase IV Plans-REVISED 2-18-07\A\0479XSHT_4.dgn
 PLOT SCALE = 20.0000 / IN.
 USER NAME = dbrigt

180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90

CONTRACT NO. 97305

**THOUVENOT,
WADE &
MOERCHEN, INC.**
ENGINEERS ♦ SURVEYORS ♦ PLANNERS



CORPORATE OFFICE
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62298
TEL (618) 624-4488
FAX (618) 624-6688
corp@twm-inc.com

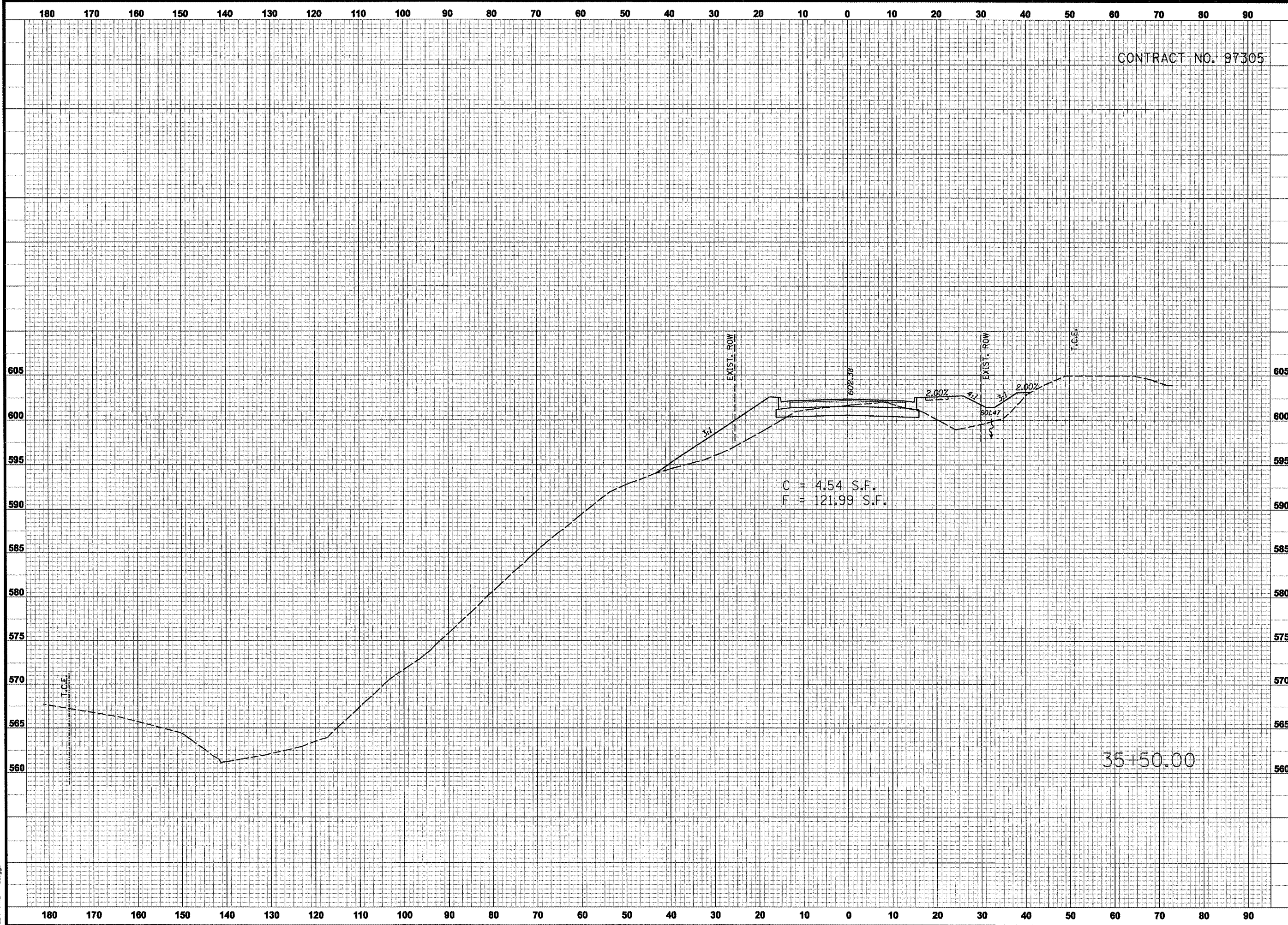
WATERLOO OFFICE
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 939-5050
FAX (618) 939-3988
waterloo@twm-inc.com

ST. LOUIS OFFICE
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL (314) 286-5052
FAX (314) 872-3194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	144-02330
PROFESSIONAL ENGINEERING CORP.	06-06979
PROFESSIONAL PROFESSIONAL ENGINEER CORP.	06-07903
ILLINOIS PROF. LAND SURVEYING CORP.	048-08889
MISSOURI PROFESSIONAL ENGINEER CORP.	MC 08638
MISSOURI LAND SURVEYING CORP.	MC 08642

Signature: _____
Expiration Date: _____

STATEMENT OF RESPONSIBILITY
I hereby certify that the documents herein to be authorized by my seal is restricted to this sheet, and I hereby assume any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.



PROPOSED CROSS SECTIONS
STA. 35 + 50

PROJECT:
SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MUJ
DESIGNED BY: MUJ
CHECKED BY: XXX
APPROVED BY: XXX

SHEET
28

PROJECT NUMBER: D20010479 OF 36 SHEETS

ISSUED FOR REVIEW ISSUED FOR BIDDING
 ISSUED FOR CONSTR. RECORD DRAWING

PLOT DATE = 3/21/2007
FILE NAME = P:\A\01798\98\Phase IV Plans-REVISED 2-16-07\A\01798\SH1-4.dgn
PLOT SCALE = 28.8000' / IN.
USER NAME = dboga

180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90

CONTRACT NO. 97305

THOUVENOT,
WADE &
MOERCHEN, INC.
ENGINEERS ♦ SURVEYORS ♦ PLANNERS



CORPORATE OFFICE
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-8888
corp@twm-inc.com

WATERLOO OFFICE
113 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 989-5050
FAX (618) 989-3988
waterloo@twm-inc.com

ST. LOUIS OFFICE
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL (314) 236-5052
FAX (314) 873-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	04-0228
PROFESSIONAL ENGINEERING CORP.	05-00079
PROFESSIONAL STRUCTURAL ENGINEER CORP.	05-00028
ILLINOIS PROFESSIONAL LAND SURVEYING CORP.	043-00000
MISSOURI PROFESSIONAL ENGINEER CORP.	NO 08808
MISSOURI LAND SURVEYING CORP.	NO 08804

Signature: _____
Expiration Date: _____

STATEMENT OF RESPONSIBILITY
I hereby certify that the documents herein to be authorized by my seal is restricted to this draw, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.



PROPOSED CROSS SECTIONS
STA. 36+00

PROJECT:
SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MUJ SHEET
DESIGNED BY: MUJ
CHECKED BY: XXX
APPROVED BY: XXX

29

PROJECT NUMBER: D20010479 OF 36 SHEETS

ISSUED FOR REVIEW ISSUED FOR BIDDING
 ISSUED FOR CONSTR. RECORD DRAWING

PLOT DATE = 3/21/2007
FILE NAME = F:\18181798\Phase IV Plans-REVISED 2-16-07\18181798SHT_4.dgn
PLOT SCALE = 26.66666667 IN.
USER NAME = cbgga

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

CONTRACT NO. 97305

**THOUVENOT,
WADE &
MOERCHEN, INC.**
ENGINEERS ♦ SURVEYORS ♦ PLANNERS



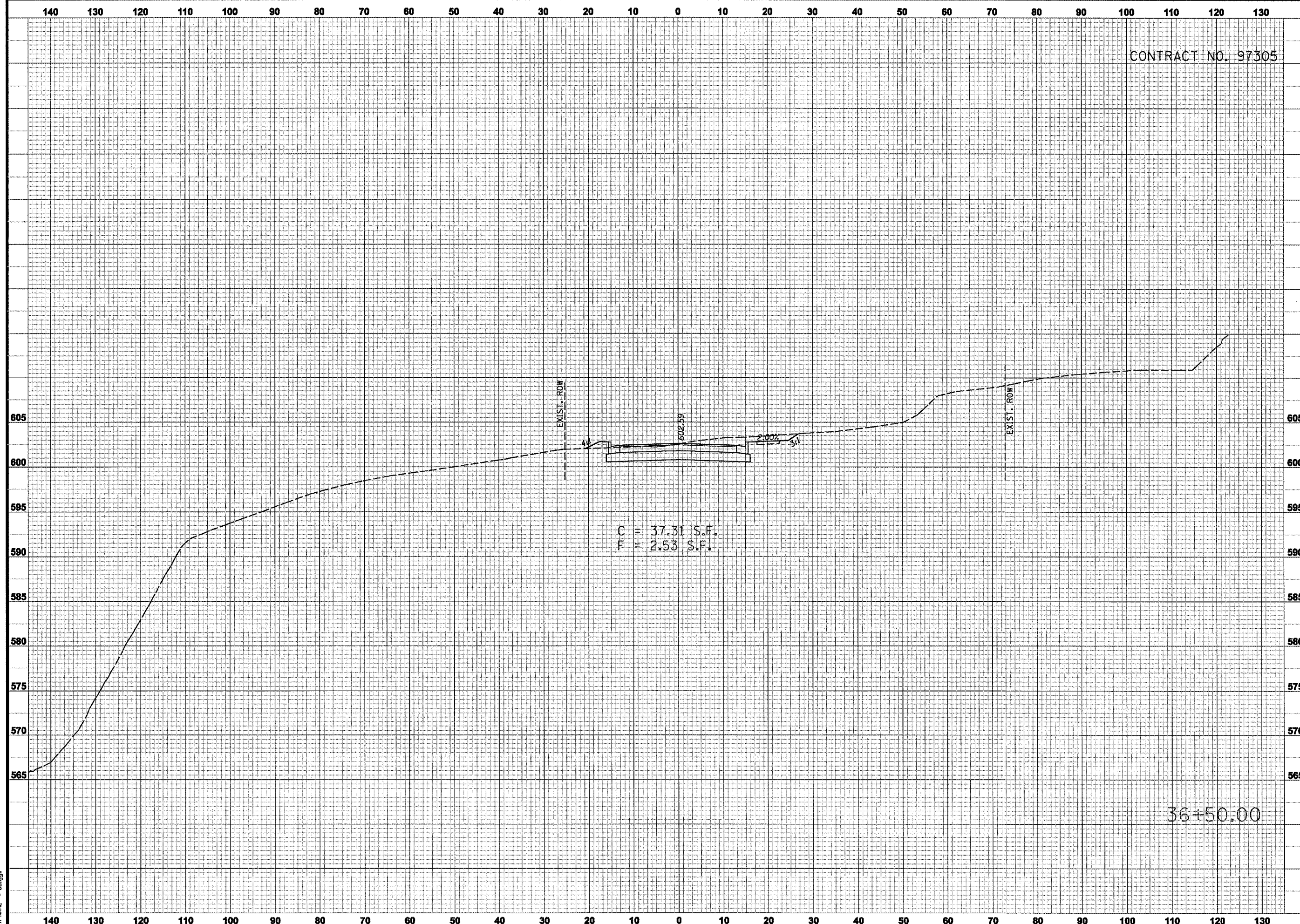
- CORPORATE OFFICE**
4840 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6688
corp@twm-inc.com
- WATERLOO OFFICE**
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62296
TEL (618) 938-5050
FAX (618) 938-9888
waterloo@twm-inc.com
- ST. LOUIS OFFICE**
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL (314) 286-6062
FAX (314) 872-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN TECH	04-0238
PROFESSIONAL ENGINEERING CORP.	08-06979
PROFESSIONAL STRUCTURAL INTEL CORP.	08-03823
ILLINOIS PROF. LAND SURVEYING CORP.	048-00026
MISSOURI PROFESSIONAL ENGR. CORP.	07-0648
MISSOURI LAND SURVEYING CORP.	07-0864

SEAL

Signature: _____
 Registration Date: _____

STATEMENT OF RESPONSIBILITY
 I hereby certify that the documents herein to be submitted by my office are true and correct and I hereby assume my responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.



F.C. = 37.31 S.F.
 F.C. = 2.53 S.F.

PROPOSED CROSS SECTIONS
 STA. 27+00 TO 27+50

PROJECT:
 SEIBERT ROAD
 RECONSTRUCTION - PHASE IV
 VILLAGE OF SHILOH
 ST. CLAIR COUNTY, ILLINOIS

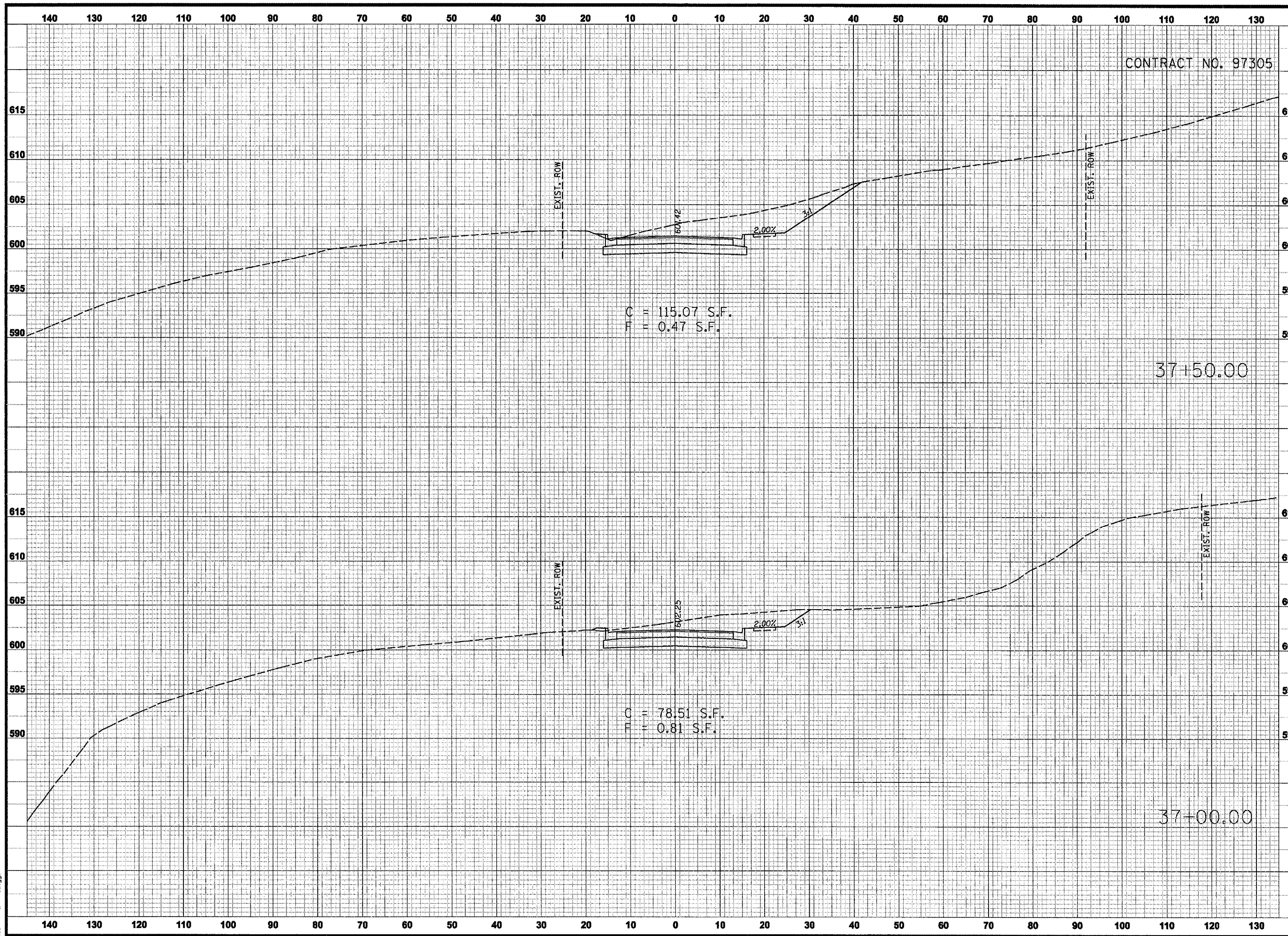
REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ	SHEET
DESIGNED BY: MJJ	30
CHECKED BY: XXX	
APPROVED BY: XXX	

NUMBER D20010479 OF 36 SHEETS

ISSUED FOR REVIEW ISSUED FOR BIDDING
 ISSUED FOR CONSTR. REPROD. DRAWING

PLOT DATE = 3/21/2007
 FILE NAME = P:\A\079\REV.dgn
 PLOT SCALE = 20.0000 / IN.
 USER NAME = dbjgg



CONTRACT NO. 97305

C = 115.07 S.F.
F = 0.47 S.F.

C = 78.51 S.F.
F = 0.81 S.F.

37+50.00

37+00.00

**THOUVENOT,
WADE &
MOERCHEN, INC.**
ENGINEERS ♦ SURVEYORS ♦ PLANNERS



- CORPORATE OFFICE**
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6888
corp@twm-inc.com
- WATERLOO OFFICE**
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 989-6060
FAX (618) 989-8988
waterloo@twm-inc.com
- ST. LOUIS OFFICE**
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL (314) 236-6062
FAX (314) 872-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	14-0229
PROFESSIONAL ENGINEERING CORP.	08-0079
PROFESSIONAL ARCHITECTURAL ENGINE CORP.	14-0020
ILLINOIS PROFESSIONAL LAND SURVEYING CORP.	04-0029
MISSOURI PROFESSIONAL ENGINE CORP.	10-0026
MISSOURI LAND SURVEYING CORP.	10-0060

SEAL

Signature: _____
Expiration Date: _____

STATEMENT OF RESPONSIBILITY
I hereby certify that the documents herein to be authorized by my seal is restricted to this sheet, and I hereby declare my responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

TITLE
PROPOSED CROSS SECTIONS
STA. 37+00 TO 37+50

PROJECT:
SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ
DESIGNED BY: MJJ
CHECKED BY: XXX
APPROVED BY: XXX

PROJECT NUMBER: D20010479 **OF 36 SHEETS**

31

ISSUED FOR REVIEW ISSUED FOR BIDDING
 ISSUED FOR CONSTR. RECORD DRAWING

PLOT DATE = 3/21/2007
 FILE NAME = P:\A\01798\08\Phase IV Plans-REVISED 2-16-07\A\01798\SH1-4.dgn
 PLOT SCALE = 20.0000 / IN.
 USER NAME = dbrigg

CONTRACT NO. 97305

**THOUVENOT,
WADE &
MOERCHEN, INC.**
ENGINEERS ♦ SURVEYORS ♦ PLANNERS



- CORPORATE OFFICE**
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-8888
corp@twm-inc.com
- WATERLOO OFFICE**
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 939-6060
FAX (618) 939-8988
waterloo@twm-inc.com
- ST. LOUIS OFFICE**
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL (314) 286-5082
FAX (314) 672-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	154-02289
PROFESSIONAL ENGINEERING CORP.	05-00079
PROFESSIONAL STRUCTURAL ENGINEER	05-00083
ILLINOIS PROF. LAND SURVEYING CORP.	043-00089
MISSOURI PROFESSIONAL ENGR. CORP.	NO 00089
MISSOURI LAND SURVEYING CORP.	NO 00046

REAL

Signature: _____
 Signature Date: _____
 Expiration Date: _____
STATEMENT OF RESPONSIBILITY
 I hereby certify that the documents herein to be authorized by my seal is restricted to this work, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

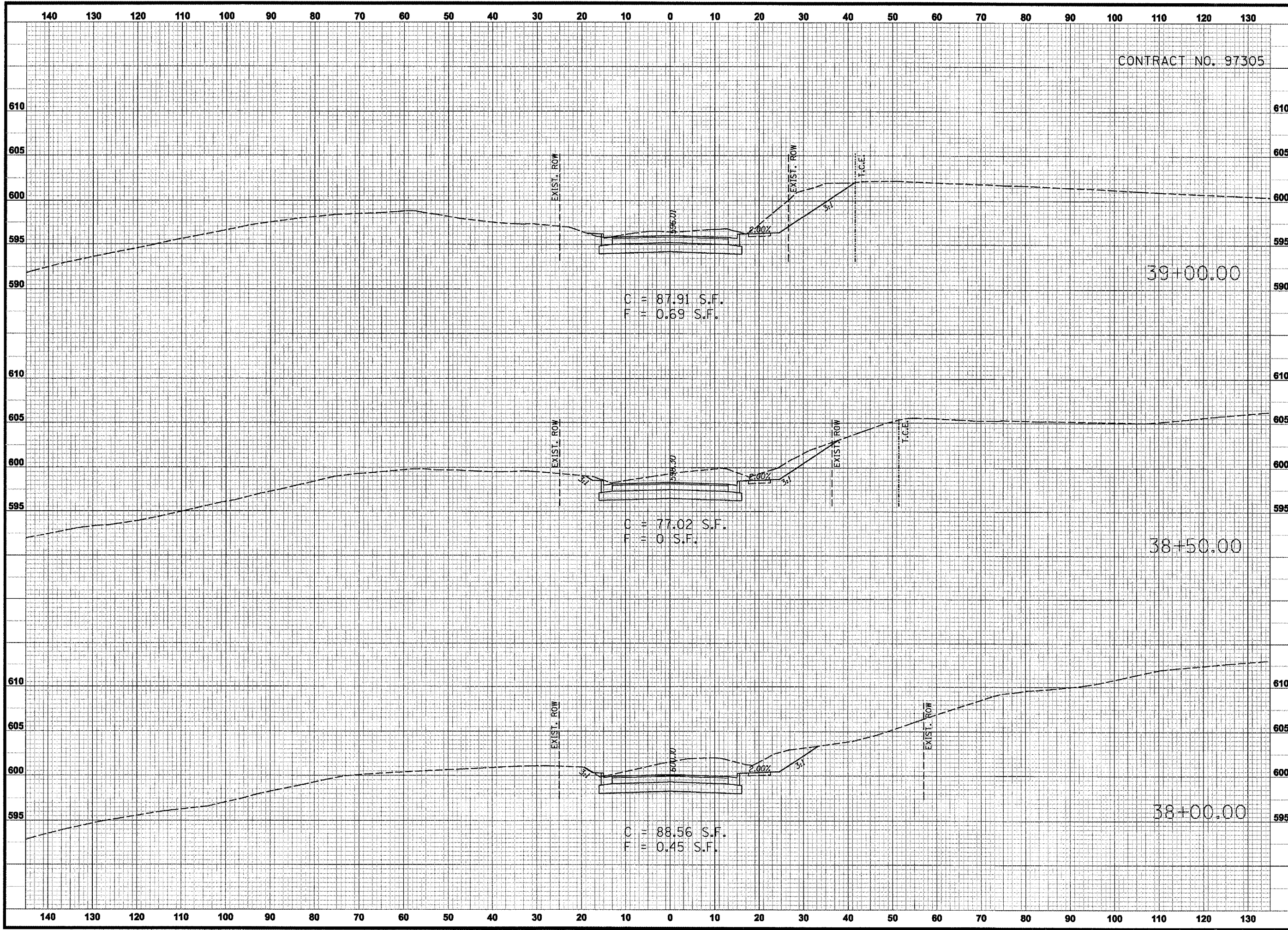
PROPOSED CROSS SECTIONS
STA. 38+00 TO 39+00

PROJECT:
SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ	SHEET
DESIGNED BY: MJJ	32
CHECKED BY: XXX	
APPROVED BY: XXX	
PROJECT NUMBER: D20010479	

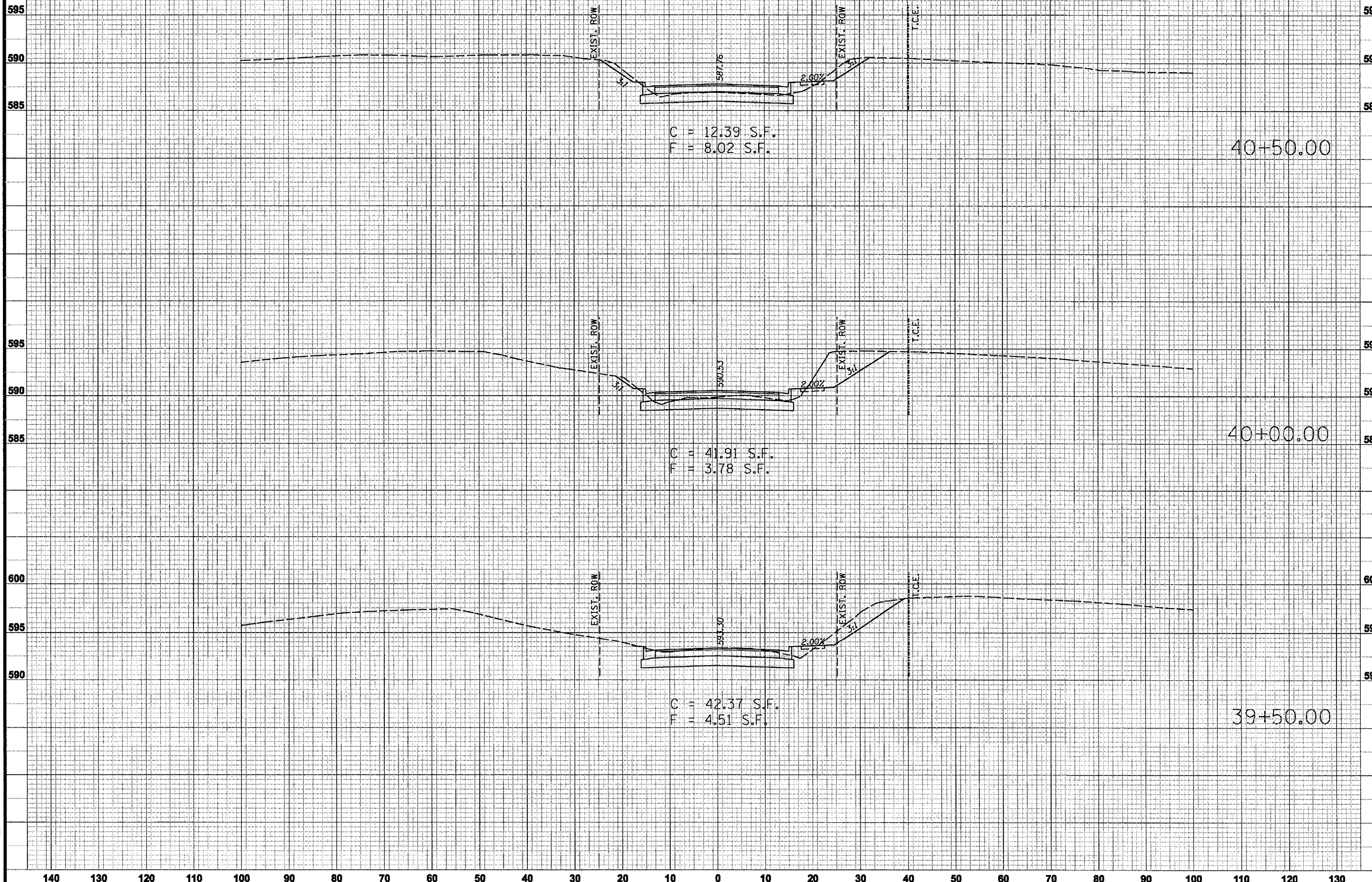
ISSUED FOR REVIEW ISSUED FOR BIDDING
 ISSUED FOR CONSTR. RECORD DRAWING



PLOT DATE : 3/21/2007
 FILE NAME : P:\V\0479\0479.dgn Phase IV Plans-REVISED 2-16-07-018479XSH1_4.dgn
 PLOT SCALE : 20.00000 / IN.
 USER NAME : dbreggs

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

CONTRACT NO. 97305



**THOUVENOT,
WADE &
MOERCHEN, INC.**
ENGINEERS ♦ SURVEYORS ♦ PLANNERS



- CORPORATE OFFICE**
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62298
TEL (618) 624-4488
FAX (618) 624-6888
corp@twm-inc.com
- WATERLOO OFFICE**
115 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 939-5060
FAX (618) 939-3988
waterloo@twm-inc.com
- ST. LOUIS OFFICE**
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL (314) 236-5082
FAX (314) 872-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	14-00280
PROFESSIONAL ENGINEERING CORP.	01-00578
PROFESSIONAL STRUCTURAL SINGLE CORP.	01-00280
ILLINOIS PROF. LAND SURVEYING CORP.	042-00028
MISSOURI PROFESSIONAL SINGLE CORP.	01-00280
MISSOURI LAND SURVEYING CORP.	01-00280

SIGNATURE: _____
EXPIRES DATE: _____

STATEMENT OF RESPONSIBILITY
I hereby certify that the documents herein to be authorized by my seal and signature to this client, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

TITLE
PROPOSED CROSS SECTIONS
STA. 39+50 TO 40+50

PROJECT:
SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ
DESIGNED BY: MJJ
CHECKED BY: XXX
APPROVED BY: XXX

PROJECT NUMBER: D20010479

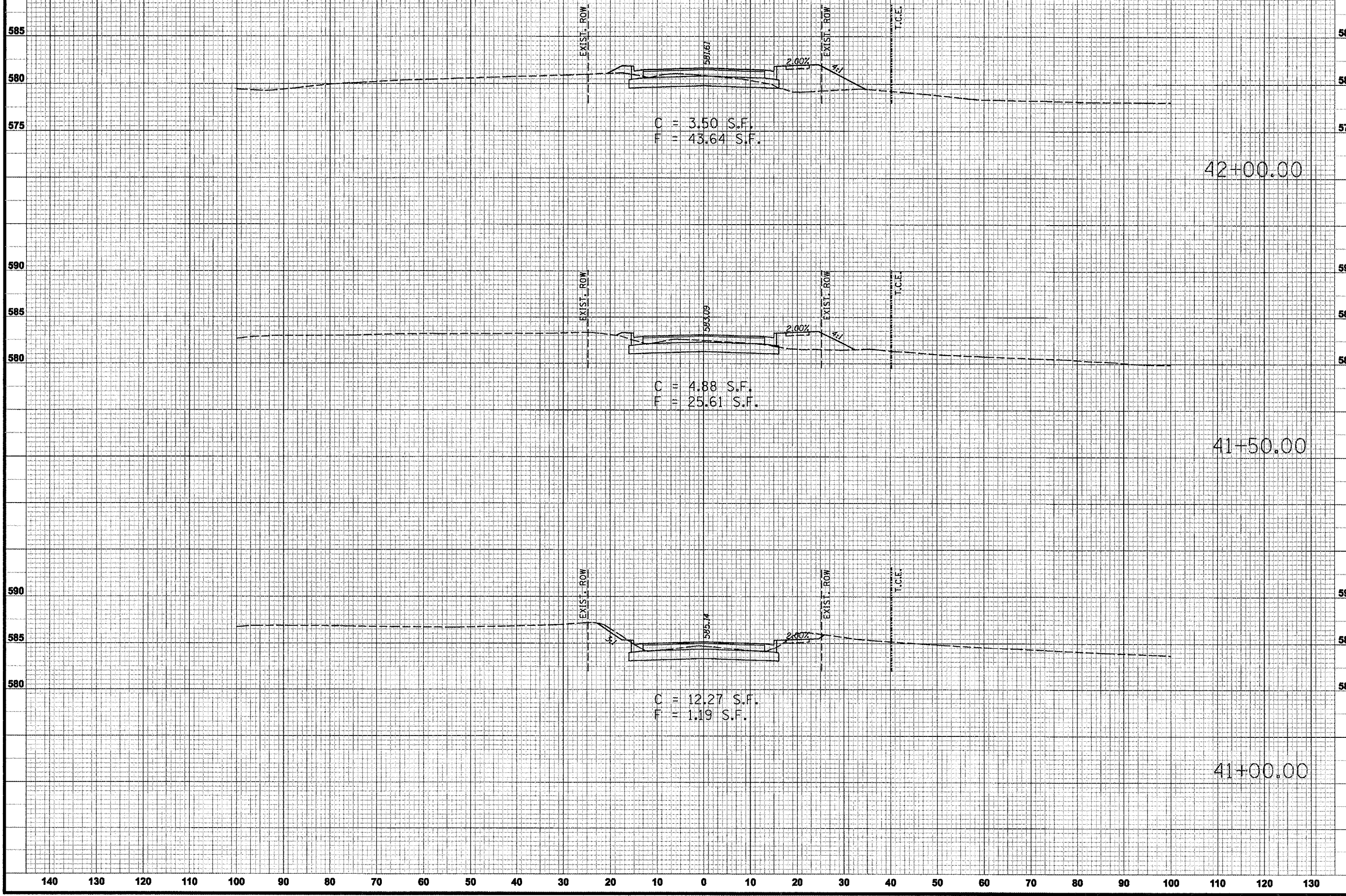
SHEET
33
OF 38 SHEETS

ISSUED FOR REVIEW ISSUED FOR BIDDING
 ISSUED FOR CONSTR. RECORD DRAWING

PLOT DATE : 3/21/2007
 FILE NAME : P:\A\0479\B\4gm\Phase IV Plans-REVISED 2-18-07\10479XSHT_4.dgn
 PLOT SCALE : 20.0000 / IN.
 USER NAME : dbrigg

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

CONTRACT NO. 97305



THOUVENOT, WADE & MOERCHEN, INC.
ENGINEERS ♦ SURVEYORS ♦ PLANNERS



- CORPORATE OFFICE**
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6888
corp@twm-inc.com
- WATERLOO OFFICE**
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 939-5060
FAX (618) 939-8988
waterloo@twm-inc.com
- ST. LOUIS OFFICE**
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL (314) 236-5052
FAX (314) 872-2194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	161-00020
PROFESSIONAL ENGINEERING CORP.	03-06279
PROFESSIONAL STRUCTURAL ENGINE CORP.	03-00862
ILLINOIS PROF. LAND SURVEYING CORP.	003-00028
MISSOURI PROFESSIONAL ENGINE CORP.	NO 00000
MISSOURI LAND SURVEYING CORP.	NO 00000

Signature: _____
 Signature Date: _____
 Registration Date: _____

STATEMENT OF RESPONSIBILITY
 I hereby certify that the documents herein to be authorized by my seal is restricted to this plan, and I hereby disclaim any responsibility for all other drawings, specifications, schedules, reports or other documents or instruments relating to or intended to be utilized for any part of the architectural, engineering or survey project.

TITLE
 PROPOSED CROSS SECTIONS
 STA. 41+00 TO 42+00

PROJECT:
 SEIBERT ROAD
 RECONSTRUCTION - PHASE IV
 VILLAGE OF SHILOH
 ST. CLAIR COUNTY, ILLINOIS

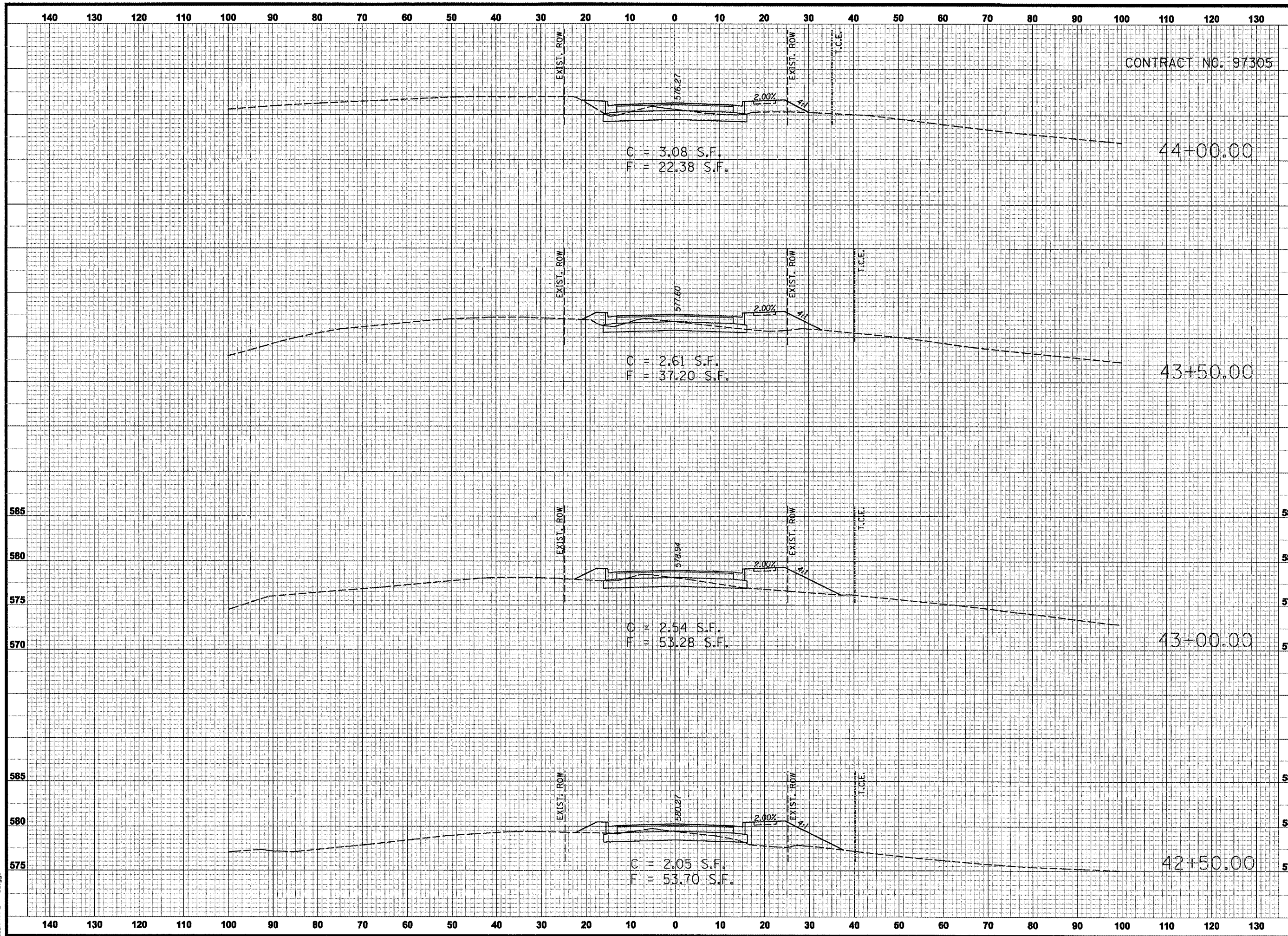
REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ
DESIGNED BY: MJJ
CHECKED BY: XXX
APPROVED BY: XXX

PROJECT NUMBER: D20010479
SHEET: 34
 OF 38 SHEETS

ISSUED FOR REVIEW ISSUED FOR BIDDING
 ISSUED FOR CONSTR. RECORD DRAWING

PLOT DATE = 3/21/2007
 FILE NAME = P:\010479\010479.dgn\Phase IV Plans-REVISED 2-16-07\010479XSHT-4.dgn
 PLOT SCALE = 20.0000 / IN
 USER NAME = cbrign



CONTRACT NO. 97305

THOUVENOT, WADE & MOERCHEN, INC.
 ENGINEERS ♦ SURVEYORS ♦ PLANNERS



- CORPORATE OFFICE**
 4940 OLD COLLINSVILLE RD.
 SWANSEA, ILLINOIS 62226
 TEL (618) 624-4488
 FAX (618) 624-6888
 corp@twm-inc.com
- WATERLOO OFFICE**
 118 SOUTH MAIN STREET
 WATERLOO, ILLINOIS 62298
 TEL (618) 989-8050
 FAX (618) 989-8888
 waterloo@twm-inc.com
- ST. LOUIS OFFICE**
 1001 CRAIG ROAD, SUITE 260
 ST. LOUIS, MISSOURI 63146
 TEL (314) 238-6052
 FAX (314) 872-2154
 stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGNER	184-02291
PROFESSIONAL ENGINEERING CORP.	08-00070
PROFESSIONAL STRUCTURAL ENGINEER CORP.	02-00001
ILLINOIS PROFESSIONAL LAND SURVEYING CORP.	003-02020
MISSOURI PROFESSIONAL ENGINEER	10 02008
MISSOURI LAND SURVEYING CORP.	10 02004

SEAL

Signature: _____
 Signature Date: _____
 Registration Date: _____

STATEMENT OF RESPONSIBILITY
 I hereby certify that the documents herein to be reproduced by any and all means in this state, and I hereby disclaim any responsibility for claims, damages, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

PROPOSED CROSS SECTIONS
 STA. 42+50 TO 44+00

PROJECT:
 SEIBERT ROAD
 RECONSTRUCTION - PHASE IV
 VILLAGE OF SHILOH
 ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

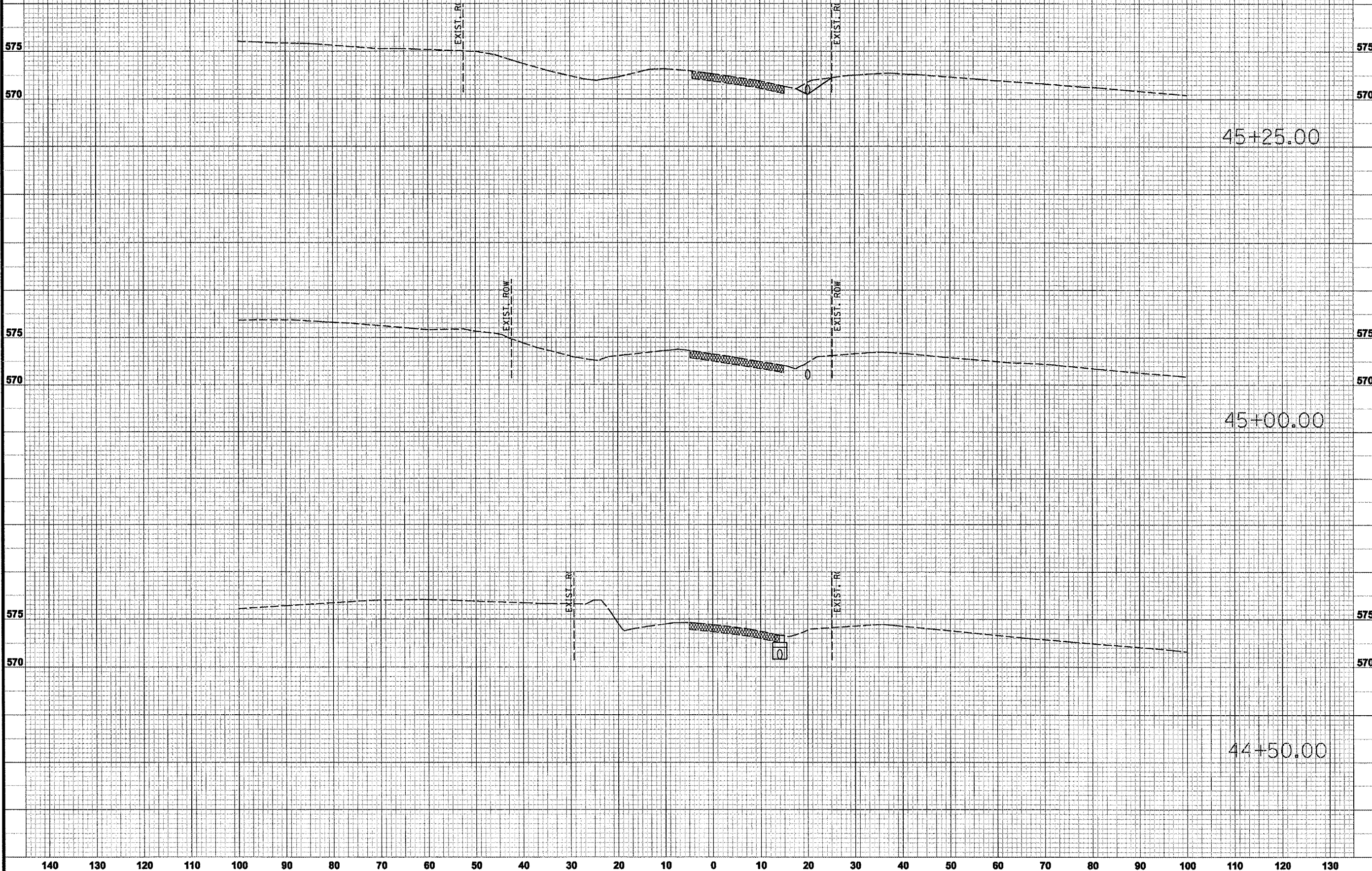
DRAWN BY: MJJ	SHEET
DESIGNED BY: MJJ	35
CHECKED BY: XXX	
APPROVED BY: XXX	
PROJECT NUMBER: D20010479	
OF 36 SHEETS	

ISSUED FOR REVIEW ISSUED FOR BIDDING
 ISSUED FOR CONSTR. RECORD DRAWING

PLOT DATE = 3/21/2007
 FILE NAME = P:\A\0479\Phase IV Plans-REVISED 2-16-07\A\0479\MSHT-4.dgn
 PLOT SCALE = 20.0000 / IN.
 USER NAME = dbjg99

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

CONTRACT NO. 97305



THOUVENOT, WADE & MOERCHEN, INC.
ENGINEERS ♦ SURVEYORS ♦ PLANNERS



- CORPORATE OFFICE**
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6688
corp@twm-inc.com
- WATERLOO OFFICE**
118 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62296
TEL (618) 939-5050
FAX (618) 939-3888
waterloo@twm-inc.com
- ST. LOUIS OFFICE**
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL (314) 286-5062
FAX (314) 872-3194
stlouis@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGNER	184-0220
PROFESSIONAL ENGINEERING CORP.	05-08879
PROFESSIONAL SURVEYING CORP.	05-08881
ILLINOIS PROF. LAND SURVEYING CORP.	06-00028
MISSOURI PROFESSIONAL ENGINEER	10 00028
MISSOURI LAND SURVEYING CORP.	10 00044

SEAL

Signature: _____
Expiration Date: _____
STATEMENT OF RESPONSIBILITY
I hereby confirm that the document herein to be authorized by my seal is restricted to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

TITLE
PROPOSED CROSS SECTIONS
STA. 44+50 TO 45+25

PROJECT:
SEIBERT ROAD
RECONSTRUCTION - PHASE IV
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△		
△		
△		

DRAWN BY: MJJ
DESIGNED BY: MJJ
CHECKED BY: XXX
APPROVED BY: XXX

SHEET
36

PROJECT NUMBER: D20010479 **OF 36 SHEETS**

ISSUED FOR REVIEW ISSUED FOR BIDDING
 ISSUED FOR CONSTR. RECORD DRAWING

PLOT DATE = 3/21/2007
FILE NAME = F:\0181798\p\Phase IV Plans-REVISED 2-16-07\0181798SHT_4.dgn
PLOT SCALE = 20.00000 ' / 1" IN.
USER NAME = dbjg*

140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130