FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9177	00-00007-01-PV	ST.CLAIR	40	1
FED RD DIST NO 8	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 97263

INDEX OF SHEETS

STANDARDS

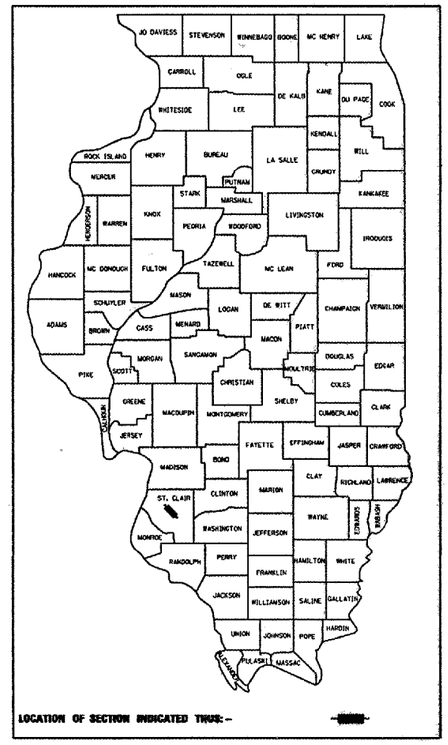
000001-04
280001-02
424001-04
542301
542401
602301-01
602306-01
602401-01
604071-02
604091-01
606001-02
668001
701311-02
701501-03
701801-03
702001-06
720006
780001-01
781001-02
BLR 22-4

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

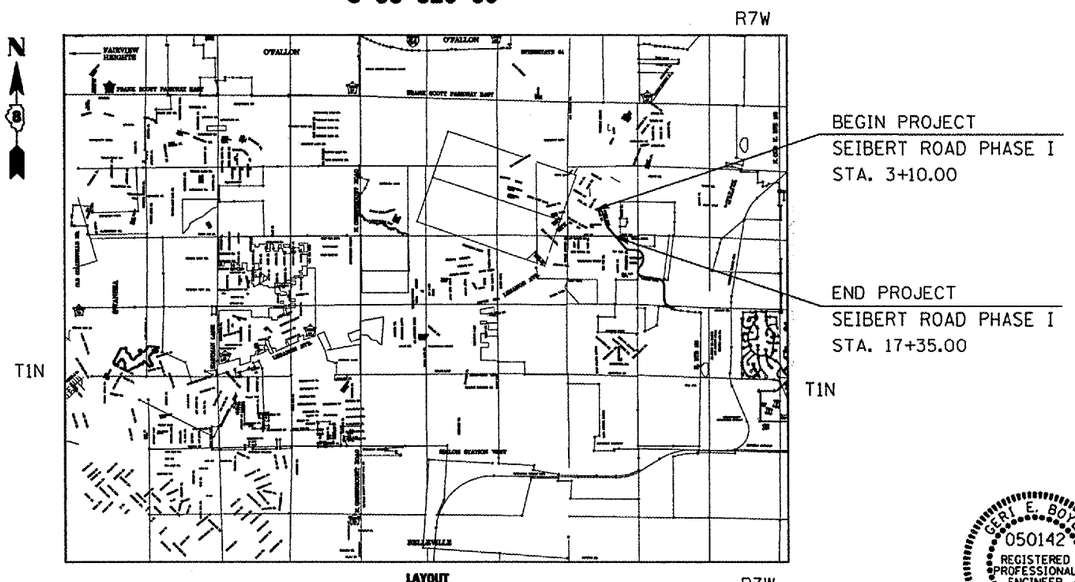
PLANS FOR PROPOSED FEDERAL AID HIGHWAY

VILLAGE OF SHILOH
FAU ROUTE 9177 (SEIBERT ROAD RECONSTRUCTION)
PHASE I
SECTION 00-00007-01-PV
PROJECT NO. M-5011 (201)
ST. CLAIR COUNTY

C-98-320-06



LOCATION OF SECTION INDICATED THUS:-



BEGIN PROJECT
SEIBERT ROAD PHASE I
STA. 3+10.00

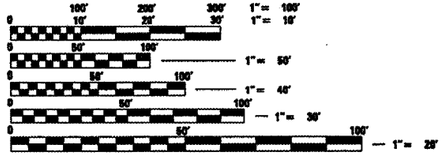
END PROJECT
SEIBERT ROAD PHASE I
STA. 17+35.00

LAYOUT
0 MI 1 MI 2 MI 3 MI
1" = 1/2 MILE

DESIGN DESIGNATION

FAU ROUTE 9177-URBAN COLLECTOR
DESIGN SPEED = 30 MPH
CURRENT TRAFFIC (2004) = 4030 A.D.T.

GROSS LENGTH = 1,425.00' (0.270 MILES)
NET LENGTH = 1,425.00' (0.270MILES)



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
1-800-892-0123

CONTRACT NO. 97263

APPROVED February 1 2006
James A. Vernier II
LOCAL AGENCY REPRESENTATIVE

PASSED 2-1-06 2006
Jennifer Obrien
DISTRICT ENGINEER OF LOCAL ROADS & STREETS

APPROVED 2-1-06 2006
Mary C. Lamie
DISTRICT ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

GERI E. BOYER
050142
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

GERI E. BOYER, P.E.
LICENSE NO. 062-050142

4/1/06
DATE
EXPIRES 11-30-2007

PREPARED BY:
THOUVENOT, WADE & MOERCHEN, INC.

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
9177	00-00007-01-PV	ST CLAIR	40	2
STA.	TO STA.			
EXISTING CONDITIONS:				
CONTRACT NO. 97263				

GENERAL NOTES

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 LIMTIS 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". THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR, OR AGENT, HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

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.

BUTT JOINTS SHALL NOT BE MILLED MORE THAN THREE (3) DAYS PRIOR TO PLACEMENT OF THE BITUMINOUS SURFACE COURSE.

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.

1.0	ACRES	SEEDING CLASS 2
1.0	ACRES	MULCH METHOD 2
180	POUNDS	NITROGEN FERTILIZER NUTRIENT
180	POUNDS	PHOSPHORUS FERTILIZER NUTRIENT
180	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 WITH THE UTILITY COMPANIES TO ELIMINATE CONFLICTS AND POTENTIAL DELAYS CAUSED BY UTILITY TREE REMOVAL ACTIVITIES OR INCOMPLETE UTILITY RELOCATIONS.

ALL TRAFFIC CONTROL, INCLUDING BUT NOT LIMITED TO, WORK ZONE, TEMPORARY, AND PERMANENT, SHALL BE FURNISHED, INSTALLED, MAINTAINED, RELOCATED, AND/OR REMOVED IN ACCORDANCE WITH 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.

NO OVERNIGHT LANE CLOSURES SHALL BE ALLOWED ON MAIN STREET.

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 BITUMINOUS SURFACE. 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 MATERIAL USED FOR CONSTRUCTION OF PERMANENT AGGREGATE DRIVEWAYS SHALL BE GRAVEL OR CRUSHED STONE, AS DIRECTED BY THE ENGINEER, TO REPLACE IN KIND THE EXISTING AGGREGATE DRIVEWAYS. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR THIS REQUIREMENT BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE PAY ITEM FOR THE AGGREGATE AS SPECIFIED ON THE PLANS.

INCIDENTAL BITUMINOUS SURFACE SHALL BE USED FOR ALL TEMPORARY SIDE ROAD CROSSINGS. AGGREGATE SURFACE COURSE MAY BE USED FOR ALL DRIVEWAY CROSSINGS EXCEPT DURING WINTER SHUTDOWN IN ACCORDANCE WITH ARTICLE 107.09.

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 IN ACCORDANCE WITH 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.

SIDEWALKS, ENTRANCE APRONS AND SIDE STREETS WILL BE CONSTRUCTED UTILIZING A MAXIMUM 2% CROSS SLOPE AND RAMPS WILL BE PROVIDED AT ALL INTERSECTIONS IN ORDER TO FACILITATE HANDICAP ACCESSIBILITY. CROSS WALKS WILL BE PROVIDED AT PARK DRIVE, DIAMOND COURT AND ON SEIBERT ROAD AT SINN DRIVE.

BITUMINOUS MIXTURE - CONTROL TABLE

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

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

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SEIBERT ROAD
SECTION 00-00007-01-PV
ST CLAIR COUNTY

SCALE: VERT. HORIZ. DRAWN BY
DATE CHECKED BY

FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9177	00-00007-01-PV	ST CLAIR	40	3
STA.		TO STA.		

EXISTING CONDITIONS:
CONTRACT NO. 97263

GENERAL NOTES

IF THE INSTALLATION OF SANITARY SEWERS BECOME NECESSARY, THE FOLLOWING NOTES, SHALL APPLY:

ALL WORK, INSTALLATION, PROCEDURES, MATERIALS, TESTING, ETC. FOR SANITARY SEWER SHALL CONFORM TO THE STANDARD SPECIFICATIONS (WATER, STORM AND SANITARY).
SANITARY SEWER MAINS SHALL BE POLYVINYL CHLORIDE (PVC) SEWER PIPE CONFORMING TO ASTM F-794 FOR SIZES 18" AND LARGER (UNLESS NOTED OTHERWISE). 18" OR LARGER PVC PIPE SHALL HAVE A MINIMUM CELL CLASSIFICATION OF 12364A AS DEFINED BY ASTM D-1784
SANITARY SEWER MAIN AND LATERALS SHALL BE POLYVINYL CHLORIDE (PVC) SEWER PIPE CONFORMING TO ASTM D3034, SDR35, TYPE PSM FOR SIZES 6" TO 15" (UNLESS NOTED OTHERWISE), ALSO SIZES 18"-36" SHALL CONFORM TO ASTM F-679-89, CLASS T-1. THE PIPE SHALL BE MADE OF PVC PLASTIC HAVING A MINIMUM CELL CLASSIFICATION OF 12454-C, AND SHALL HAVE A MINIMUM PIPE STIFFNESS OF FORTY-SIX (46) POUNDS PER INCH PER INCH. SEWER PIPE JOINTS SHALL BE FLEXIBLE ELASTOMERIC JOINTS CONFORMING TO ASTM D3212.

DUCTILE IRON GRAVITY PIPE SHALL CONFORM TO ASTM A-746-82 STANDARD SPECIFICATIONS FOR DUCTILE IRON GRAVITY SEWER PIPE. THE OUTSIDE COATING SHALL BE ASPHALTIC COATING APPROXIMATELY 1MIL (0.025M) THICK. THE COATING SHALL BE APPLIED TO THE OUTSIDE OF ALL PIPES, UNLESS OTHERWISE NOTED. THE INSIDE COATING SHALL BE LINED WITH 40 MIL NOMINAL DRY FILM OF "PROTECTO 401". THE WEIGHT, CLASS OR NOMINAL THICKNESS, AND CASTING PERIOD SHALL BE SHOWN ON EACH PIPE. JOINTS SHALL BE IN CONFORMANCE WITH ANSI/AWWA C111/A21.11 AND SHALL BE A RUBBER GASKET PUSH-ON JOINT.

SANITARY SEWER PIPE BEDDING SHALL BE CLASS I CRUSHED GRAVEL OR STONE, CONFORMING TO IDOT GRADATION CA-6, AND SHALL BE INSTALLED PER ASTM 2321-83A.
THE CONTRACTOR SHALL PROVIDE A RECORD DRAWING WHICH SHALL BE SUBMITTED TO THE OWNER/DEVELOPER, ENGINEER, AND THE SEWER SYSTEM OWNER. SEWER CONNECTIONS SHALL BE RECORDED BY MEASURING THE NUMBER OF FEET FROM THE DOWNSTREAM MANHOLE, AND SHALL INDICATE THE LENGTH OF OFFSET FROM THE SANITARY SEWER MAIN AND DEPTH OF LATERAL AT ITS TERMINUS POINT. ALL LATERALS SHALL BE FURNISHED WITH AN AIR TIGHT CAP TO FACILITATE AIR TESTING. THE PVC LATERAL SHALL BE EXTENDED FOUR (4) FEET ABOVE THE FINISHED GRADE GROUND SURFACE TO ALLOW RELOCATION OF THE LATERAL IN THE FUTURE. ALL STRUCTURES SHALL HAVE RECORD ELEVATIONS.

ALL SANITARY SEWER MANHOLES SHALL BE CONSTRUCTED OF PRECAST CONCRETE AND CONFORM TO ASTM C478. SANITARY SEWER MANHOLES SHALL BE SIX (6) FOOT DIAMETER (UNLESS OTHERWISE SPECIFIED ON THE PLANS), SHALL BE CONSTRUCTED WITH PRECAST INVERTS, SHALL BE FURNISHED WITH FLEXIBLE WATERTIGHT RESILIENT CONNECTORS BETWEEN THE PIPE AND MANHOLE INTERFACE CONFORMING TO ASTM C923, AND SHALL HAVE STEPS CONSTRUCTED OF 1/2" DEFORMED REINFORCING RODS (GRADE 60) CONFORMING TO ASTM A615 ENCAPSULATED IN CO-POLYMER POLYPROPYLENE. BARREL SECTIONS SHALL BE SEALED WITH A 3" BITUMASTIC SEALANT AS MANUFACTURED BY "RAM-NEK" OR EQUIVALENT.

SANITARY SEWER MANHOLE FRAME AND GRATES SHALL CONFORM TO THE REQUIREMENTS OF GRAY IRON CASTINGS ASTM A48-83 CLASS 35B, OR ASTM A536-80 GRADE 65-45-12 FOR DUCTILE IRON. SANITARY SEWER MANHOLE LIDS SHALL HAVE THE WORD "SANITARY" CAST IN THE FACE AND BE FURNISHED WITH A CONCEALED "PICK HOLE." SANITARY SEWER MANHOLE FRAME AND GRATES SHALL BE NEENAH R-1772 OR EQUIVALENT. IN AREAS SUBJECT TO FLOODING, SANITARY SEWER MANHOLE FRAME AND GRATES SHALL BE NEENAH R-1915 BOLT DOWN LIDS.

THE CONTRACTOR SHALL KEEP EXISTING SEWER FACILITIES IN OPERATION DURING CONSTRUCTION OF THE PROPOSED FACILITIES.

WHEN CONNECTIONS ARE TO BE MADE TO EXISTING STRUCTURES, THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION AND ELEVATIONS OF THE STRUCTURE PRIOR TO MAKING THE CONNECTION. THE CONTRACTOR SHALL NOTIFY THE OWNER & ENGINEER IF THE EXISTING STRUCTURES ARE FOUND TO BE DIFFERENT THAN SHOWN ON THE DRAWINGS.

PROTECTION OF THE WATER MAIN FROM SANITARY SEWER MAINS IS REQUIRED AND SHALL BE MADE IN ACCORDANCE WITH THE LATEST EDITION OF TITLE 35: ENVIRONMENTAL PROTECTION, SUBTITLE F: PUBLIC WATER SUPPLIES, CHAPTER II: ENVIRONMENTAL PROTECTION AGENCY, SECTION 653.119: PROTECTION OF WATER MAIN AND WATER SERVICE LINES.
THE WATER AND SEWER MAIN AS DELINEATED ON THE DRAWINGS SHALL BE CONSTRUCTED WITH A MINIMUM OF 10' HORIZONTAL SEPARATION AND 1.5' VERTICAL SEPARATION

STEEL CASING PIPE SHALL MEET OR EXCEED ASTM A-139, GRADE B. PIPE JOINTS SHALL BE WELDED IN ACCORDANCE WITH AWWA C-206. THE INTERIOR AND EXTERIOR OF THE BORE CASING SHALL BE COATED WITH A MINIMUM OF 1 MIL OF BITUMINOUS ASPHALTIC MATERIAL.

CASING SPACERS SHALL BE MODEL CCS AS MANUFACTURED BY CASCADE WATERWORKS MFG. OF YORKVILLE, IL OR PRIOR APPROVED EQUAL. CARRIER PIPE SHALL BE INSERTED WITHIN A CASING BY USE OF MODEL CCS STAINLESS STEEL CASING SPACERS AS MANUFACTURED BY CASCADE WATERWORKS MFG. CO. OF YORKVILLE, IL OR PRIOR APPROVED EQUAL.

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 SEWER - VILLAGE OF SHILOH
1-618-277-2288

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

NO COMMITMENTS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SEIBERT ROAD
SECTION 00-00007-01-PV
ST CLAIR COUNTY

SCALE: VERT.
HORIZ.
DRAWN BY
DATE
CHECKED BY

SUMMARY OF QUANTITIES

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9177	00-00007-01-PV	ST CLAIR	40	4
STA.	TO STA.			
EXISTING CONDITIONS:				
CONTRACT NO. 97263				

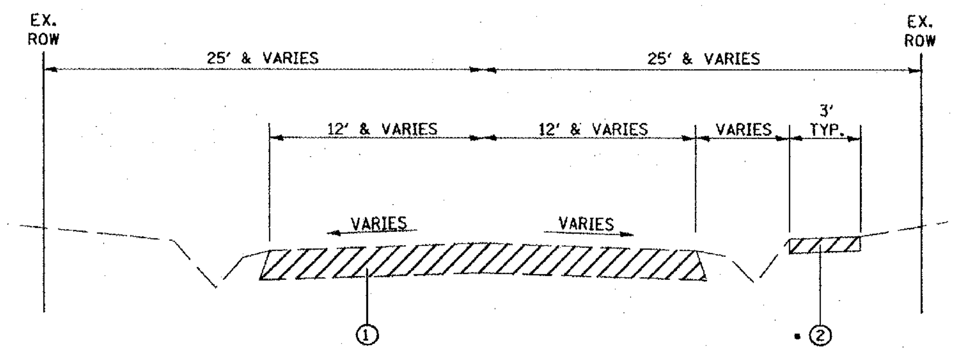
SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		I000	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	48	48	
20200100	EARTH EXCAVATION	CU YD	2,902	2,902	
20800150	TRENCH BACKFILL	CU YD	835	835	
25000200	SEEDING, CLASS 2	ACRE	1	1	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	180	180	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	180	180	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	180	180	
25100115	MULCH, METHOD 2	ACRE	1	1	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	114	114	
28000300	TEMPORARY DITCH CHECKS	EACH	2	2	
28000400	PERIMETER EROSION BARRIER	FOOT	590	590	
28000500	INLET AND PIPE PROTECTION	EACH	29	29	
28100107	STONE RIPRAP, CLASS A4	SQ YD	80	80	
28200200	FILTER FABRIC	SQ YD	80	80	
30200650	PROCESSING MODIFIED SOILS 12"	SQ YD	4,800	4,800	
30201500	LIME	TON	93	93	
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	952	952	
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	397	397	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	150	150	
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	3.4	3.4	
40600300	AGGREGATE (PRIME COAT)	TON	8	8	
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	178	178	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	233	233	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1,921	1,921	
42400800	DETECTABLE WARNINGS	SQ. FT.	156	156	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	705	705	
44000600	SIDEWALK REMOVAL	SQ FT	1,929	1,929	
50105220	PIPE CULVERT REMOVAL	FOOT	70	70	
54200637	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 12"	FOOT	16	16	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1	
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1	
54215547	METAL END SECTIONS 12"	EACH	2	2	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	669	669	
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	70	70	
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	338	338	
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	255	255	
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	150	150	
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	268	268	
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	108	108	
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	90	90	
60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	7	7	
60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2	2	
60224039	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1	
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	7	7	
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	12	12	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		I000	
60255500	MANHOLES TO BE ADJUSTED	EACH	2	2	
60500060	REMOVING INLETS	EACH	1	1	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2,901	2,901	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70103700	TRAFFIC CONTROL COMPLETE	L SUM	1	1	
72000100	SIGN PANEL - TYPE 1	SQ FT	10.8	10.8	
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	25	25	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	370	370	
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	283	283	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	20	20	
Z0000990	AGGREGATE FOR TEMPORARY ACCESS	TON	100	100	
Z0041500	PLUG EXISTING CULVERTS	EACH	1	1	
XX004949	INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE	TON	88	88	
X0322054	REMOVAL OF PRECAST FLARED END SECTION	EACH	2	2	
X0322923	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	1,432	1,432	
X4066426	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70	TON	449	449	
X4066490	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, IL 9.5L (LOW ESAL)	TON	85	85	
X4066616	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70	TON	1,660	1,660	

* SPECIALTY ITEM

$TIME$
$FILE$
$DATE$

CONTRACT NO. 97263



EXISTING TYPICAL SECTION SEIBERT ROAD

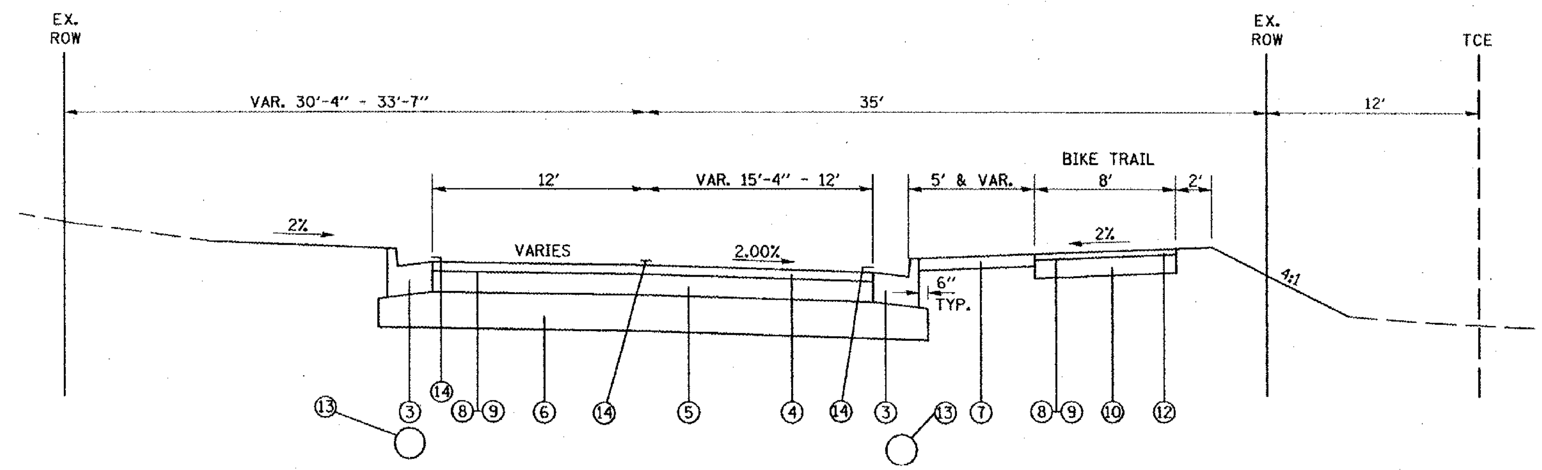
STA. 3+10.00 TO STA. 17+35.00

• STA. 4+32.63 TO STA. 7+15.86,
STA. 8+09.00 TO STA. 8+20.00,
STA. 11+72.24 TO STA. 17+35.00
(EXIST. 3' CONC. SIDEWALK BETWEEN
STA. 8+20.00 AND STA. 11+11.45
TO REMAIN IN PLACE)

LEGEND

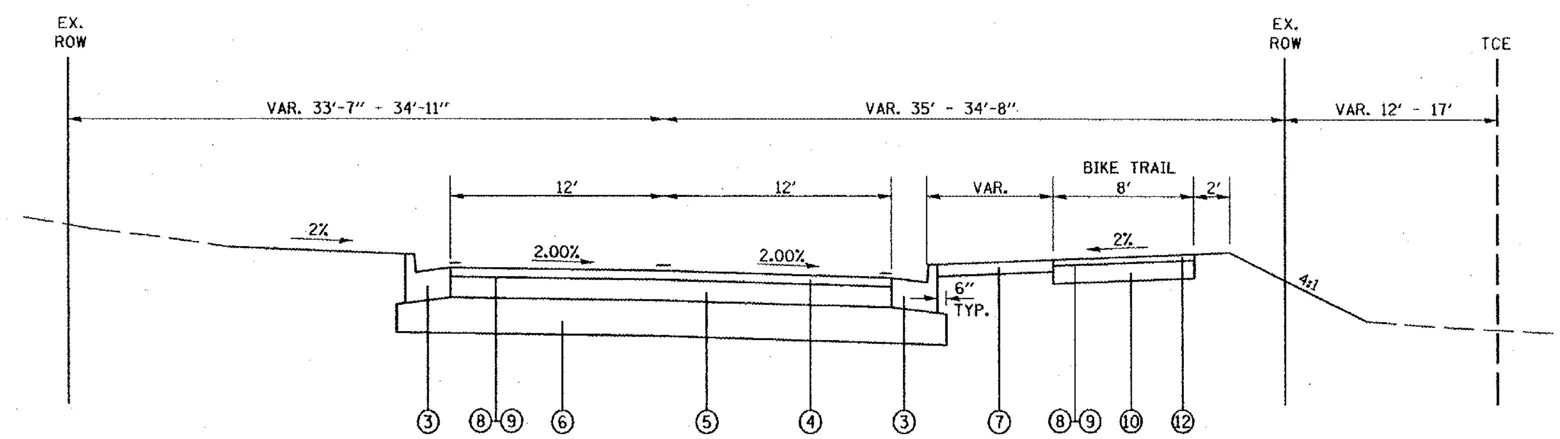
① EXISTING OIL & CHIP ROADWAY - TO BE REMOVED
② EXISTING CONCRETE SIDEWALK - TO BE REMOVED
③ PROPOSED COMBINATION CURB & GUTTER, TYPE B-6.24
④ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE, MIX "D" N70 - 2"
⑤ PROPOSED BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE, IL 19.0, N70 - 7.75"
⑥ PROPOSED PROCESSING MODIFIED SOIL - 12"
⑦ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
⑧ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
⑨ PROPOSED AGGREGATE (PRIME COAT)
⑩ PROPOSED AGGREGATE BASE COURSE, TYPE A - 6"
⑪ PROPOSED SEGMENTAL CONCRETE BLOCK WALL
⑫ PROPOSED CONCRETE SURFACE COURSE SUPERPAVE, IL 9.5L (LOW ESAL)
⑬ PROPOSED STORM SEWER (12" & 18" RCP)
⑭ PROPOSED PAVEMENT MARKING

▨ INDICATES REMOVAL ITEM



PROPOSED TYPICAL SECTION SEIBERT ROAD

STA. 3+10.00 TO STA. 3+63.01



PROPOSED TYPICAL SECTION SEIBERT ROAD

STA. 3+63.01 TO STA. 3+76.54

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATNS CHKD		

$FILE$ $DATE$ $TIME$

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

[X] CORPORATE OFFICE
4940 OLD COLLINSVILLE RD.
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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.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
MISSOURI LAND SURVEYING CORP.	NC 000346

SEAL

Renewal Date:
Signature Date:

TITLE: EXISTING AND PROPOSED TYPICAL SECTIONS

PROJECT: SEIBERT RD RECONSTRUCTION
VILLAGE OF SHILOH
ST.CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△	/ /	
△	/ /	

	SHEET
DRAWN BY:	5
DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
PROJECT NUMBER	OF 40 SHEETS

[X] ISSUED FOR REVIEW ☐ ISSUED FOR BIDDING
☐ ISSUED FOR CONSTR. ☐ RECORD DRAWING

CONTRACT NO. 97263

LEGEND

1. EXISTING OIL & CHIP ROADWAY - TO BE REMOVED
2. EXISTING CONCRETE SIDEWALK - TO BE REMOVED
3. PROPOSED COMBINATION CURB & GUTTER, TYPE B-6.24
4. PROPOSED BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE, MIX "D" N70 - 2"
5. PROPOSED BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE, IL 19.0, N70 - 7.75"
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7. PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK
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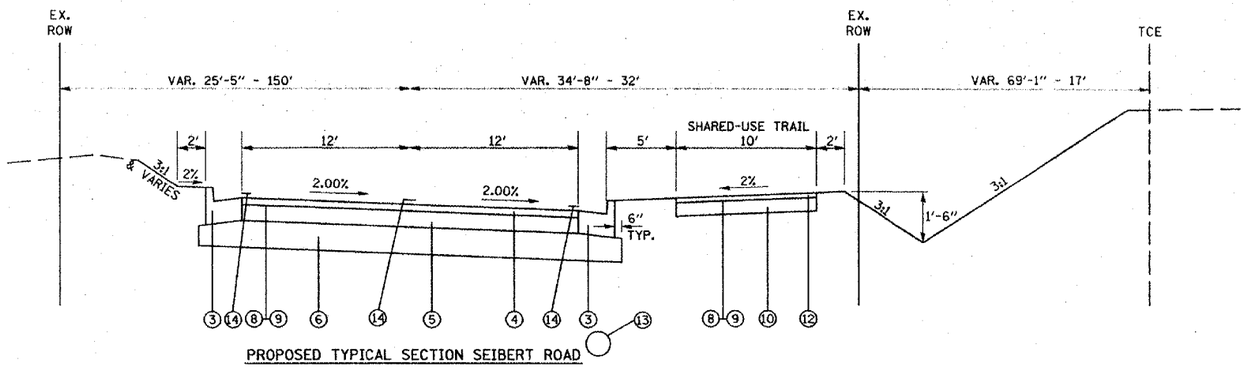
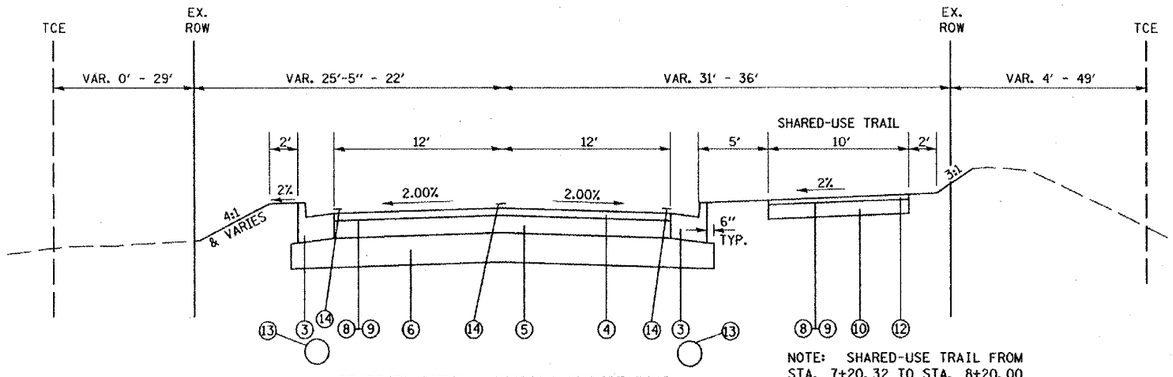
9. PROPOSED AGGREGATE (PRIME COAT)
10. PROPOSED AGGREGATE BASE COURSE, TYPE A - 6"
11. PROPOSED SEGMENTAL CONCRETE BLOCK WALL
12. PROPOSED CONCRETE SURFACE COURSE SUPERPAVE, IL 9.5L (LOW ESAL)
13. PROPOSED STORM SEWER (12" & 18" RCP)
14. PROPOSED PAVEMENT MARKING

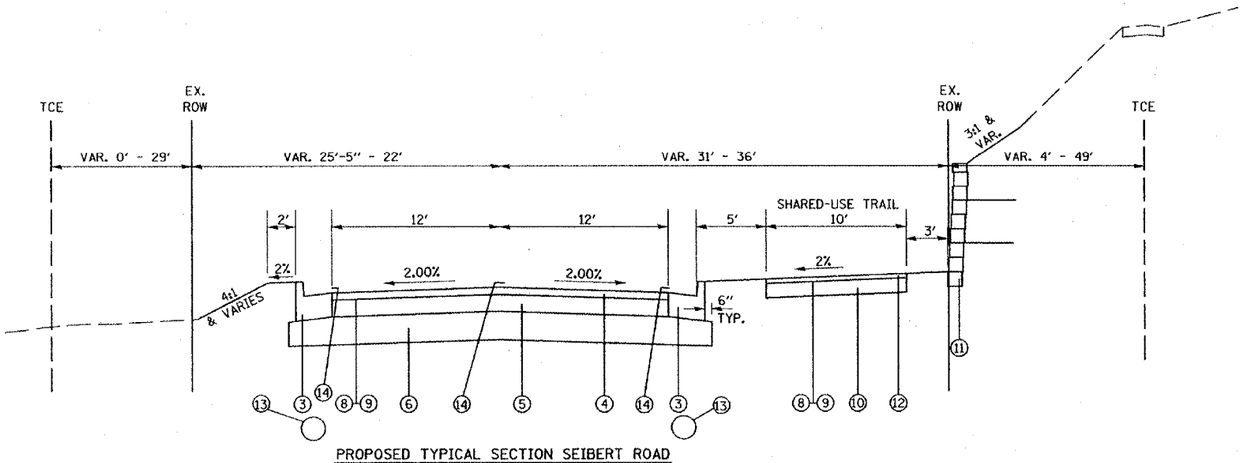


PROPOSED TYPICAL SECTION SEIBERT ROAD
STA. 3+76.54 TO STA. 7+20.32



PROPOSED TYPICAL SECTION SEIBERT ROAD
STA. 7+20.32 TO STA. 8+20.00 &
STA 11+06.74 TO STA. 16+60.00

NOTE: SHARED-USE TRAIL FROM STA. 7+20.32 TO STA. 8+20.00



PROPOSED TYPICAL SECTION SEIBERT ROAD
STA. 8+20.00 TO STA. 11+06.74

THOUVENOT, WADE & MOERCHEN, INC.
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MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
MISSOURI LAND SURVEYING CORP.	NC 000346

SEAL

Renewal Date:
Signature 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.

TITLE: PROPOSED TYPICAL SECTIONS

PROJECT: SEIBERT RD RECONSTRUCTION
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
1	/ /	
2	/ /	

DRAWN BY:	SHEET
DESIGNED BY:	
CHECKED BY:	6
APPROVED BY:	
PROJECT NUMBER	OF 40 SHEETS

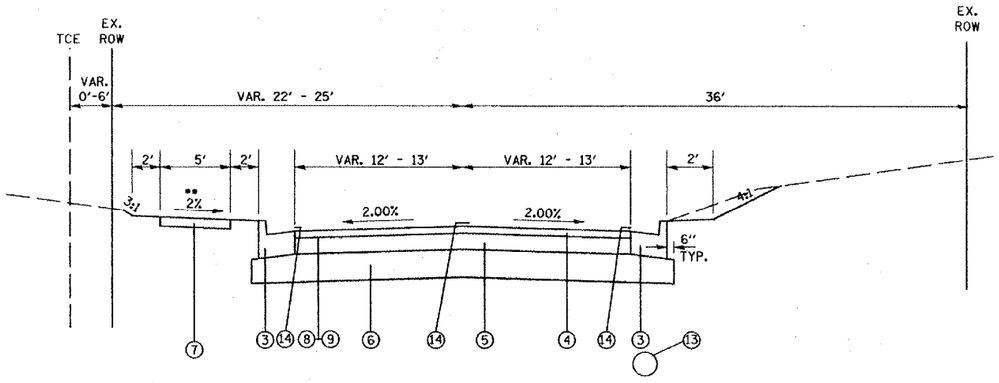
[X] ISSUED FOR REVIEW [ ] ISSUED FOR BIDDING
[ ] ISSUED FOR CONSTR [ ] RECORD DRAWING

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / GRADES CHECKED / NOTE BOOK / NO. / CADD FILE NAME / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / NOTE BOOK / NO. / STRUCTURE NO(S)/PINS CHKD / 8" / 24"

$FILE$ $DATE$ $TIME$

CONTRACT NO. 97263



** PROP. 5' CONC. SIDEWALK BEGINS AT STA. 16+71.86

PROPOSED TYPICAL SECTION SEIBERT ROAD

STA. 16+60.00 TO STA. 16+80.00

LEGEND

1. EXISTING OIL & CHIP ROADWAY - TO BE REMOVED
2. EXISTING CONCRETE SIDEWALK - TO BE REMOVED
3. PROPOSED COMBINATION CURB & GUTTER, TYPE B-6.24
4. PROPOSED BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE, MIX "D" N70 - 2"
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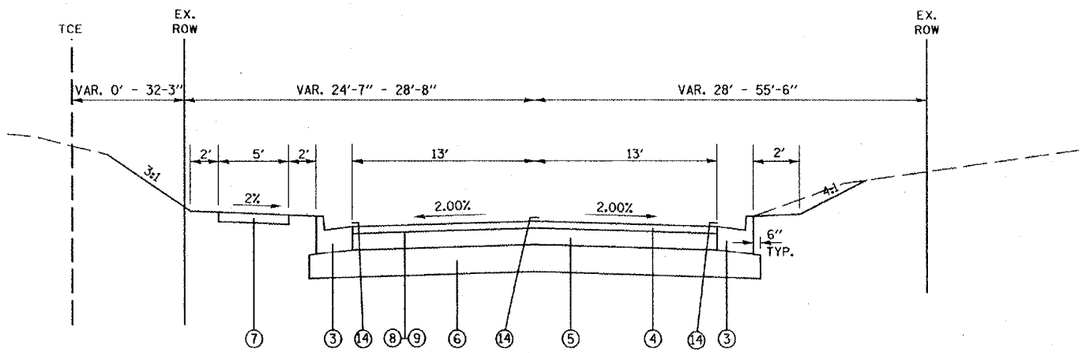

PROPOSED TYPICAL SECTION SEIBERT ROAD

STA. 16+80.00 TO STA. 17+35.00

PLAN | SURVEYED | PLOTTED | ALIGNMENT CHECKED | NOTE BOOK | NO. | BY | DATE

PROFILE | SURVEYED | PLOTTED | GRADES CHECKED | NOTE BOOK | NO. | STRUCTURE NOTATIONS CHKD | BY | DATE

#FILE# #DATE# #TIME#

THOUVENOT, WADE & MOERCHEN, INC.
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SEAL

Renewal Date:
Signature Date:

STATEMENT OF RESPONSIBILITY

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TITLE: PROPOSED TYPICAL SECTIONS

PROJECT: SEIBERT RD RECONSTRUCTION
VILLAGE OF SHILOH
ST.CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
1	/ /	
2	/ /	

DRAWN BY:	SHEET
DESIGNED BY:	7
CHECKED BY:	
APPROVED BY:	
PROJECT NUMBER	OF 40 SHEETS

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

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
9177	00-00007-01-PV	ST CLAIR	40	8
STA.		TO STA.		

EXISTING CONDITIONS:

CONTRACT NO. 97263

DRIVEWAY SCHEDULE

LOCATION STATION			INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE (TON)	P.C.C. DRIVEWAY PAVT. 8" (SQ YD)	PIPE CULV. T-1 CORR. STL/ALUM CULV. PIPE 12" (FEET)	METAL END SECTIONS 12" (EACH)	PIPE CULVERT REMOVAL (FEET)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	TRENCH BACKFILL (CU YD)	AGGREGATE BSE CSE TYPE A- 6"	AGGREGATE SURF. CSE. TYPE B (TON)	AGGREGATE BSE CSE TYPE A-8" (SQ YD)	AGGREGATE (PRIME COAT) (TON)	BITUMINOUS MATERIALS PRIME COAT (TON)
SEIBERT ROAD														
3+85.52	LT	P.E.	3.3							29.3			0.07	0.05
4+02.23	RT	S.R.	53.0					378.5				315.5	0.79	0.49
4+93.00	LT	P.E.	3.1							27.2	30.3		0.07	0.04
5+68.00	LT	P.E.	2.7							23.8	41.0		0.06	0.04
7+69.64	LT	P.E.	2.7					12.2		24.2			0.06	0.04
8+19.69	LT	S.R.	8.4					74.7				49.9	0.12	0.08
11+52.06	RT	S.R.		233.0				239.0						
14+90.99	RT	P.E.	7.3							65.0	25.2		0.16	0.10
17+09.93	LT	S.R.	5.3								51.4	31.6	0.08	0.05
17+11.47	RT	P.E.	2.6		16.0	2.0	18.0		2.8	23.0	2.3		0.06	0.04
TOTAL:			88.3	233.0	16.0	2.0	18.0	704.5	2.8	192.6	150.2	397.0	1.5	0.9

PAVING SCHEDULE

LOCATION STATION TO STATION			BIT. CONC. BINDER COURSE SUPERPAVE, IL 19.0, N70 (TON)	BIT. CONCRETE SURFACE COURSE SUPERPAVE, MIX "D", N70 (TON)	PROCESSING MODIFIED SOILS, 12" (SQ YD)	LIME (TON)	BIT. MATERIALS (PRIME COAT) 40600200 (TON)	AGGREGATE (PRIME COAT) (TON)	BIT. CONC. SURF. CSE SUPERPAVE, IL9.5L (LOW ESAL) (TON)	BIT. SURFACE REMOVAL BUTT JOINT (SQ YD)	AGGREGATE BASE CSE TYPE A, 6" (SQ YD)
SEIBERT ROAD											
2+90.00	TO	17+65.00	1660	449	4800	93	1.25	6		178	
3+10.00	TO	16+65.40					1.23		85		759.4
TOTAL:			1660	449	4800	93	2.48	6	85	178	759.4

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						
3+10.00	TO	17+35.00	2902	2177	394	+1783
TOTAL:			2902	2177	394	+1783

CURB AND GUTTER / SIDEWALK / DETECTABLE WARNINGS SCHEDULE

LOCATION STATION TO STATION	COMBINATION CURB & GUTTER TYPE B 6.24 (FEET)	PCC SIDEWALK 4" (SQ FT)	SIDEWALK REMOVAL (SQ FT)	DETECTABLE WARNINGS (SQ FT)
SEIBERT ROAD				
3+10.00 LT TO 17+35.00 LT	1425			
3+10.00 RT TO 17+35.00 RT	1475.47	1920.8	1929	156
TOTAL:	2900.47	1920.8	1929	156

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)	TEMPORARY EROSION CONTROL SEEDING (POUND)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)
SEIBERT ROAD											
3+10.00	TO	17+35.00	1.00	90	90	90	1.00	114.00	90	90	90
TOTAL:			1.0	90.0	90.0	90.0	1.0	114.0	90.0	90.0	90.0

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SEIBERT ROAD
SECTION 00-00007-01-PV
ST CLAIR COUNTY

SCALE: VERT. HORIZ.
DATE

DRAWN BY
CHECKED BY

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
9177	00-00007-01-PV	ST CLAIR	40	9
STA.		TO STA.		
EXISTING CONDITIONS:				
CONTRACT NO. 97263				

DRAINAGE SCHEDULE

FROM	OFFSET (FEET)		TO STATION	OFFSET (FEET)		STORM SEWER TYPE	SIZE & LENGTH OF PIPE (FEET) 12"	SIZE & LENGTH OF PIPE (FEET) 12"	SIZE & LENGTH OF PIPE (FEET) 15"	SIZE & LENGTH OF PIPE (FEET) 15"	SIZE & LENGTH OF PIPE (FEET) 18"	SIZE & LENGTH OF PIPE (FEET) 18"	SIZE & LENGTH OF PIPE (FEET) 24"	SIZE & LENGTH OF PIPE (FEET) 36"	PRECAST REINF. CONC. FLARED END SEC. (EACH) 24"	PIPE CULVERT REMOVAL (FEET)	PRECAST REINF. CONC. FLARED END SEC. (EACH) 36"	TRENCH BACKFILL (CU YD)
SEIBERT ROAD																		
3+11.00	16.25	RT	3+69.54	14.84	RT	CLASS A, TYPE 1	58.0											10.9
3+11.00	12.88	LT	3+63.01	13.01	LT	CLASS A, TYPE 1	52.0											8.2
3+11.00	12.88	LT	3+11.00	16.25	RT	CLASS A, TYPE 1	29.0											3.8
3+50.00	38.47	RT	3+93.24	30.25	RT	CLASS A, TYPE 1							40.0		1			9.9
3+69.54	14.84	RT	3+93.24	30.25	RT	CLASS A, TYPE 1			27.0									6.8
3+93.24	30.25	RT	4+95.84	14.08	RT	CLASS A, TYPE 1					95.0							23.4
4+95.84	14.08	RT	5+35.00	13.00	RT	CLASS A, TYPE 1					37.0							8.0
5+35.00	13.00	LT	5+35.00	13.00	RT	CLASS A, TYPE 1	26.0											5.9
5+35.00	13.00	RT	5+80.00	13.00	RT	CLASS A, TYPE 1			43.0									7.7
5+80.00	13.00	RT	6+24.00	13.00	RT	CLASS A, TYPE 1	42.0											5.8
6+24.00	13.00	RT	6+24.00	13.00	LT	CLASS A, TYPE 1	26.0											3.5
7+33.85	13.14	RT	7+33.85	13.00	LT	CLASS A, TYPE 2		26.0										9.9
7+33.85	13.14	RT	8+87.85	13.00	RT	CLASS A, TYPE 2		154.0										104.2
8+87.85	13.00	RT	10+41.93	13.00	RT	CLASS A, TYPE 1	154.0											51.0
10+41.93	13.00	RT	11+13.73	15.51	RT	CLASS A, TYPE 1	74.0											17.3
10+41.93	13.00	LT	11+52.06	13.00	LT	CLASS A, TYPE 1	107.0											72.4
11+13.73	15.51	RT	11+29.23	36.22	RT	CLASS A, TYPE 2						26.0						23.2
11+29.23	36.22	RT	11+87.20	15.20	RT	CLASS A, TYPE 2						64.0						45.6
11+52.06	13.00	LT	12+42.05	13.00	LT	CLASS A, TYPE 2		88.0										59.5
11+17.00	33.00	RT	11+17.00	50.00	RT											10		3.5
11+87.20	15.20	RT	12+92.51	13.00	RT	CLASS A, TYPE 1							108.0					36.7
12+42.05	13.00	LT	12+92.51	13.00	LT	CLASS A, TYPE 1	49.0											33.1
12+92.51	13.00	RT	14+00.00	13.00	RT	CLASS A, TYPE 1							107.0					32.5
12+92.51	13.00	LT	14+00.00	13.00	LT	CLASS A, TYPE 2				108.0								73.5
14+00.00	13.00	RT	14+00.00	13.00	LT	CLASS A, TYPE 1					26.0							17.8
14+00.00	13.00	RT	14+60.00	13.00	RT	CLASS A, TYPE 1					60.0							47.8
14+00.00	13.00	RT	14+00.00	163.00	RT	CLASS A, TYPE 1								150.0			1	23.1
14+60.00	13.00	RT	14+60.00	13.00	LT	CLASS A, TYPE 1	26.0											17.5
14+60.00	13.00	RT	15+80.00	13.00	RT	CLASS A, TYPE 1					120.0							43.8
15+80.00	13.00	RT	15+80.00	13.00	LT	CLASS A, TYPE 1	26.0											6.1
13+19.00	2.00	LT	13+19.00	40.00	RT											42		19.5
17+11.47	15.00	RT	P.E.															
						TOTAL:	669	268	70	108	338	90	255	150	1	52	1	831.8

MANHOLE AND INLET SCHEDULE

STATION	OFFSET (FEET)		MH T-A 4' DIA. T-24 F&G	INLET TYPE-A T-24 F&G	INLET TYPE-B T-24 F&G	MH TYPE A 5' T-24 F& G	MH TYPE A 6' T-24 F& G	FLOWLINE	INVERT
SEIBERT RD.									
3+11.00	12.88	LT			1			660.05	656.97
3+11.00	16.25	RT			1			660.01	656.88
3+63.01	13.01	LT		1				660.80	657.13
3+69.54	14.84	RT			1			660.46	656.27
3+93.24	30.25	RT				1		660.49	656.15
4+95.84	14.08	RT	1					660.58	656.43
5+35.00	13.00	LT		1				660.89	656.66
5+35.00	13.00	RT	1					660.41	656.55
5+80.00	13.00	RT			1			660.08	656.67
6+24.00	13.00	LT		1				660.21	656.87
6+24.00	13.00	RT			1			659.73	656.79
7+33.85	13.14	RT			1			658.90	652.90
7+33.85	13.00	LT		1				658.90	653.90
8+87.85	13.00	RT			1			657.56	651.56
10+41.93	13.00	RT			1			654.33	650.28
10+41.93	13.00	LT		1				654.33	648.33
11+13.73	15.51	RT	1					652.22	645.08
11+29.23	36.22	RT			1			652.00	645.00
11+52.06	13.00	LT			1			651.00	645.00
11+87.20	15.20	RT	1					649.87	644.80
12+42.05	13.00	LT			1			648.74	642.74
12+92.51	13.00	RT	1					647.86	642.86
12+92.51	13.00	LT			1			647.86	641.86
14+00.00	13.00	RT					1	646.80	638.80
14+00.00	13.00	LT	1					646.80	640.91
14+60.00	13.00	RT				1		646.31	640.10
14+60.00	13.00	LT		1					
15+80.00	13.00	LT		1				644.61	640.54
15+80.00	13.00	RT	1					644.61	640.46
		TOTAL	7	7	12	2	1		

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SEIBERT ROAD
SECTION 00-00007-01-PV
ST CLAIR COUNTY

SCALE: VERT. HORIZ. DRAWN BY
DATE CHECKED BY

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
9177	00-00007-01-PV	ST CLAIR	40	10
STA.		TO STA.		
EXISTING CONDITIONS:				
CONTRACT NO. 97263				

THERMOPLASTIC PAVEMENT MARKING SCHEDULE

SEIBERT ROAD

STATION TO STATION		4" MARKINGS SKIP-DASH YELLOW (FOOT)	8" MARKINGS CROSS WALK WHITE (FOOT)
2+90.00	17+65.00	370	
16+74.00			51.0
PARK DR.			136
DIAMOND CT.			96
TOTAL		370	283

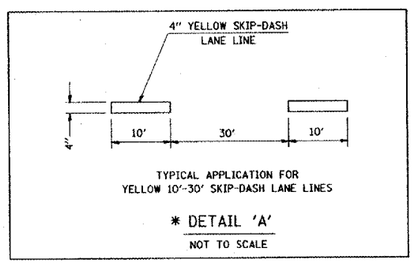
SIGNING SCHEDULE

LOCATION STATION		TELESCOPING SIGN SUPPORT (FEET)	SIGN PANEL (SQ FT)	REMARKS	
SEIBERT ROAD					
11+80.00, 55.50'	RT	13.0	3.75	BIKE ROUTE W/ DIR. ARROW/(BACK)	(D11-1)/(M7-1)
12+00.00, 41.00'	RT	12.0	7.00	BIKE ROUTE W/ BIKE ROUTE ENDS	(D11-1)/(M4-12)
TOTAL		25.0	10.75		

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE

SEIBERT ROAD

STATION TO STATION			RAISED REFLECTIVE PAVEMENT MARKERS TWO-WAY AMBER (EACH)
2+90.00	TO	17+65.00	20
TOTAL :			20



TYPICAL APPLICATION FOR
YELLOW 10'-30' SKIP-DASH LANE LINES

* DETAIL 'A'
NOT TO SCALE

PERIMETER EROSION BARRIER

SEIBERT ROAD

STATION TO STATION			PERIMETER EROSION BARRIER (FEET)
3+10.00 RT	TO	4+00.00 RT	90
8+00.00 LT	TO	13+00.00 LT	500
TOTAL :			590

REVISIONS NAME	DATE

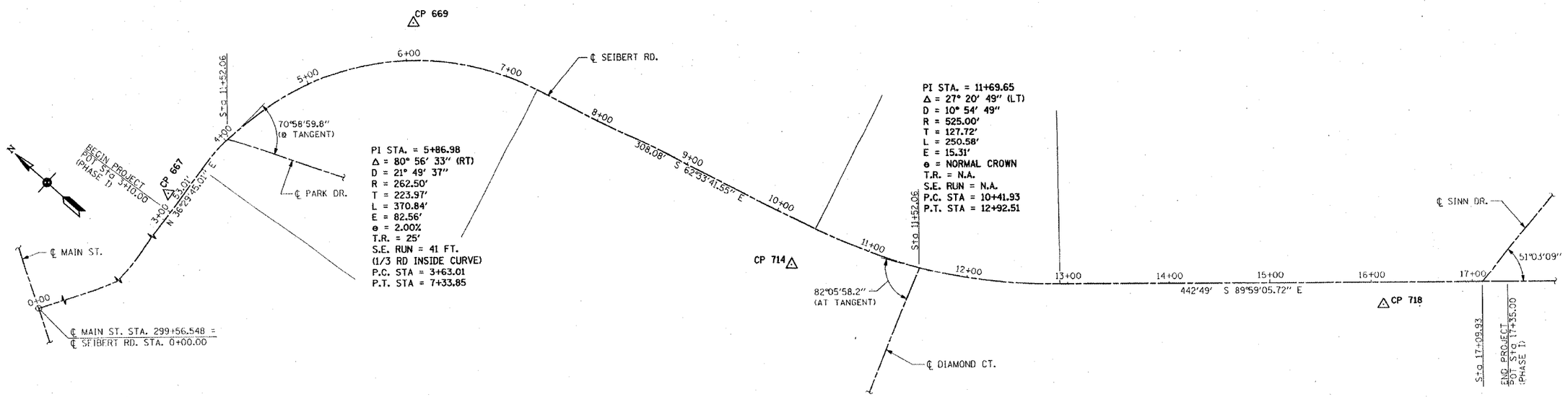
ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

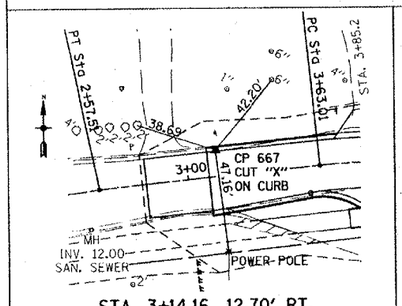
SEIBERT ROAD
SECTION 00-00007-01-PV
ST CLAIR COUNTY

SCALE: VERT. HORIZ.
DRAWN BY
DATE
CHECKED BY

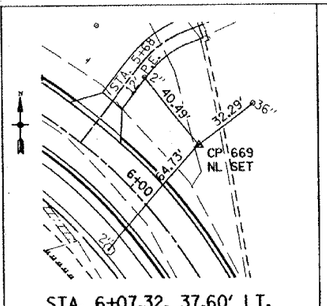
FED. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9177	00-00007-01-PV	ST CLAIR	40	11
STA.	TO STA.			
EXISTING CONDITIONS:				
CONTRACT NO. 97263				



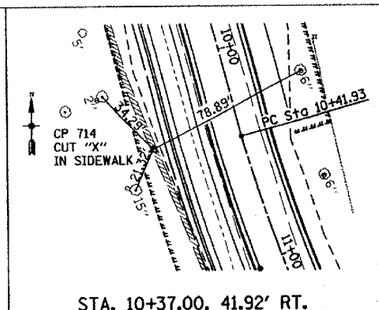
SEIBERT ROAD PROPOSED ALIGNMENT - PHASE I



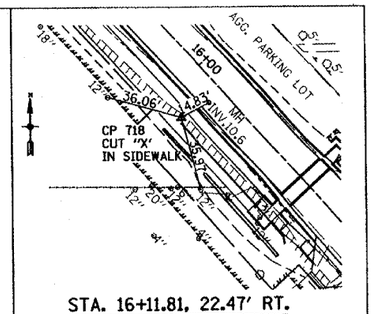
STA. 3+14.16, 12.70' RT.



STA. 6+07.32, 37.60' LT.



STA. 10+37.00, 41.92' RT.



STA. 16+11.81, 22.47' RT.

BENCHMARKS

CP 667 - CUT "X" ON CURB AT STA. 3+14.16, 12.68' LT.
PROPOSED ℄ SEIBERT ROAD. ELEV. 660.04

CP 714 - CUT "X" IN SIDEWALK AT STA. 10+37.00, 41.92' RT.
PROPOSED ℄ SEIBERT ROAD. ELEV. 661.21

CP 718 - CUT "X" IN SIDEWALK AT STA. 16+11.81, 22.47' RT.
PROPOSED ℄ SEIBERT ROAD. ELEV. 644.70

REVISIONS NAME	DATE

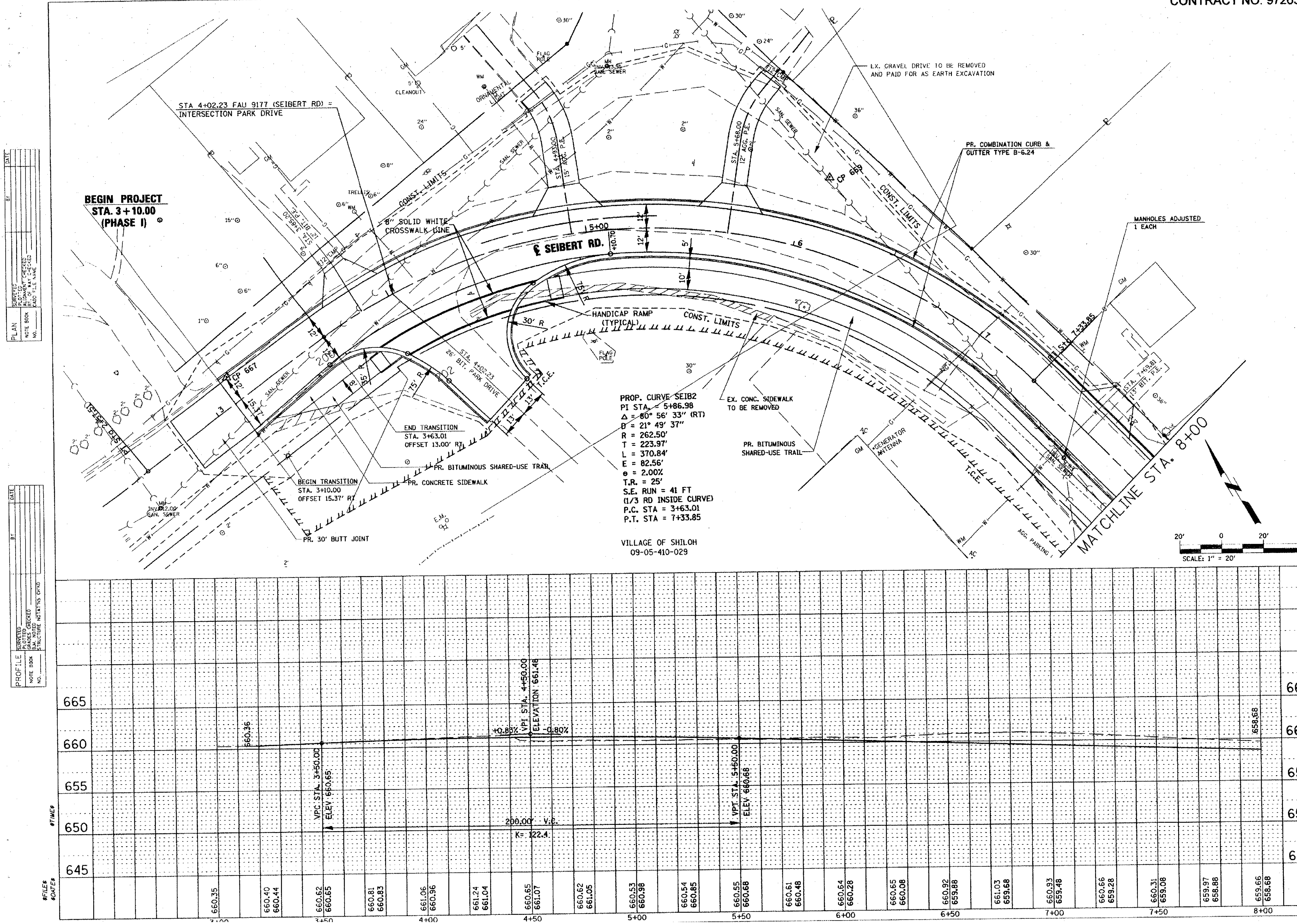
ILLINOIS DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SEIBERT ROAD
SECTION 00-00007-01-PV
ST CLAIR COUNTY

SCALE: VERT. HORIZ. DRAWN BY
DATE CHECKED BY

CONTRACT NO. 97263



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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.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
MISSOURI LAND SURVEYING CORP.	NC 000346

SEAL

Renewal Date:
Signature Date:

STATEMENT OF RESPONSIBILITY

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TITLE: ROADWAY PLAN AND PROFILE

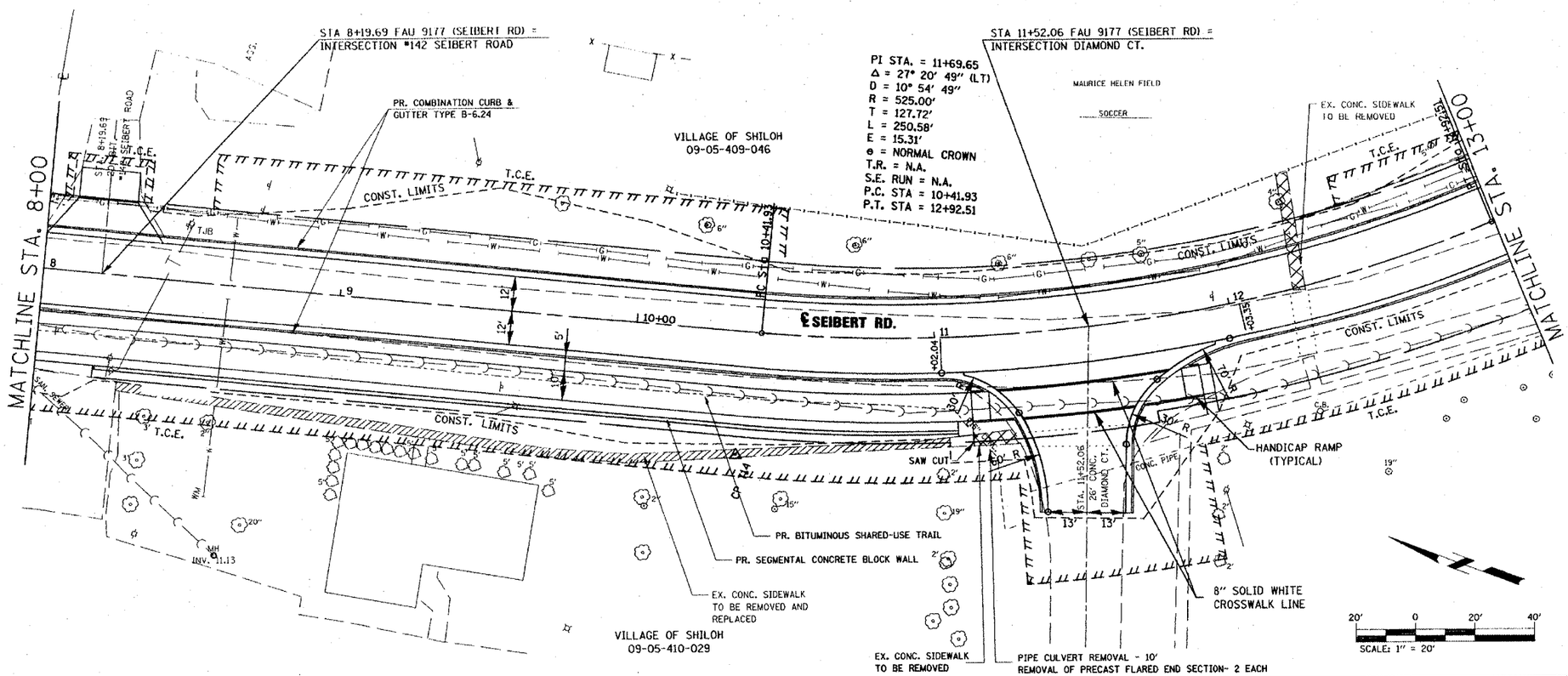
PROJECT: SEIBERT RD.RECONSTRUCTION
PHASE I
VILLAGE OF SHILOH
ST.CLAIR COUNTY, ILLINOIS

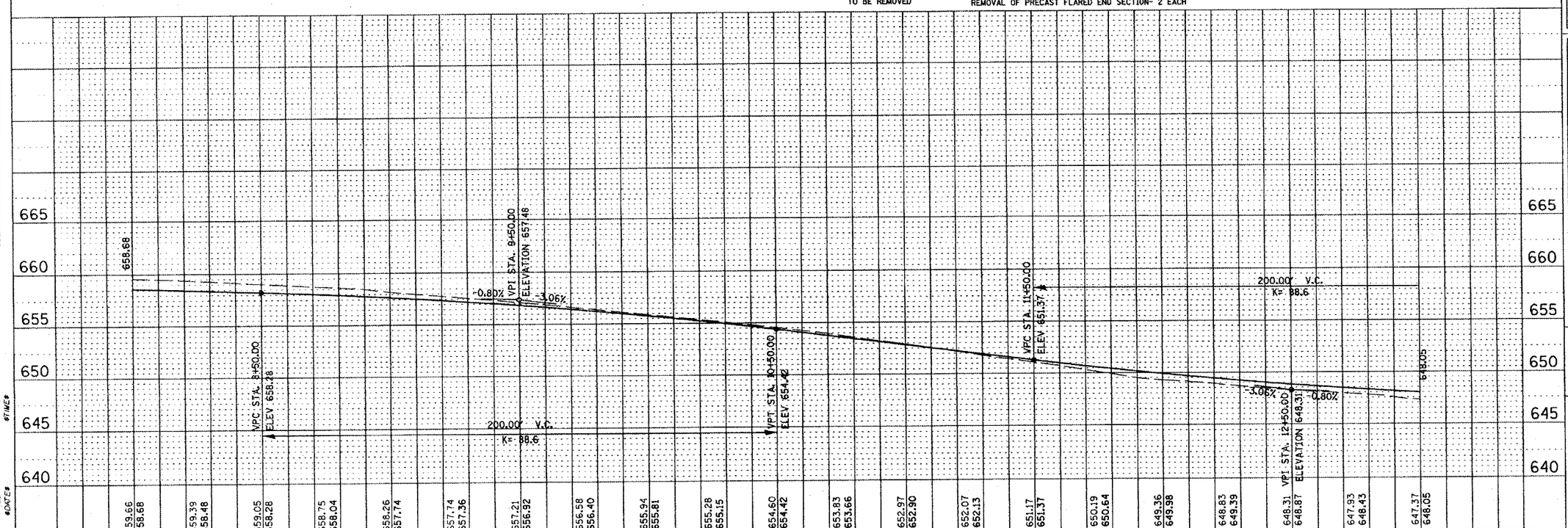
REV.	DATE	DESCRIPTION
△	/ /	
△	/ /	

DRAWN BY:	SHEET
DESIGNED BY:	12
CHECKED BY:	
APPROVED BY:	
PROJECT NUMBER	OF 40 SHEETS

[X] ISSUED FOR REVIEW ☐ ISSUED FOR BIDDING
☐ ISSUED FOR CONSTR. ☐ RECORD DRAWING

CONTRACT NO. 97263





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TITLE: ROADWAY PLAN AND PROFILE

PROJECT: SEIBERT RD. RECONSTRUCTION PHASE I
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
1	/ /	
2	/ /	

DRAWN BY:	SHEET
DESIGNED BY:	13
CHECKED BY:	
APPROVED BY:	
PROJECT NUMBER	OF 40 SHEETS

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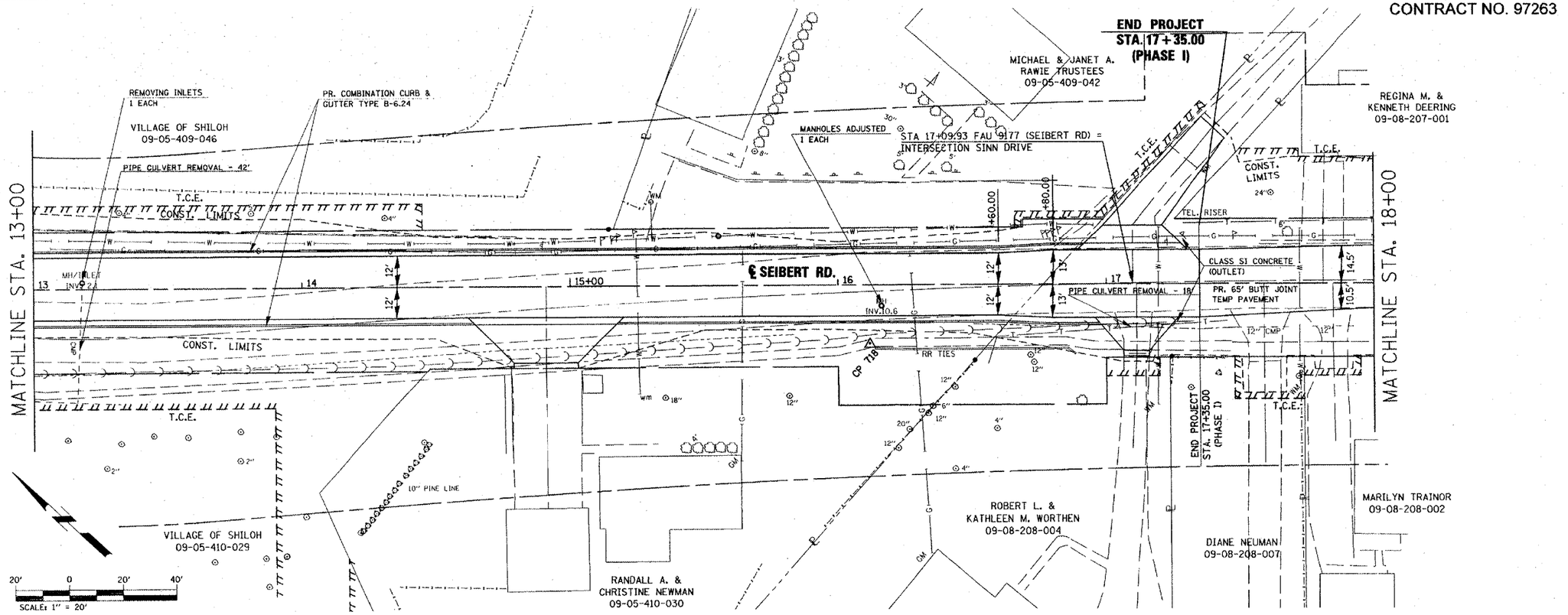
[ ] ISSUED FOR CONSTR. [ ] RECORD DRAWING

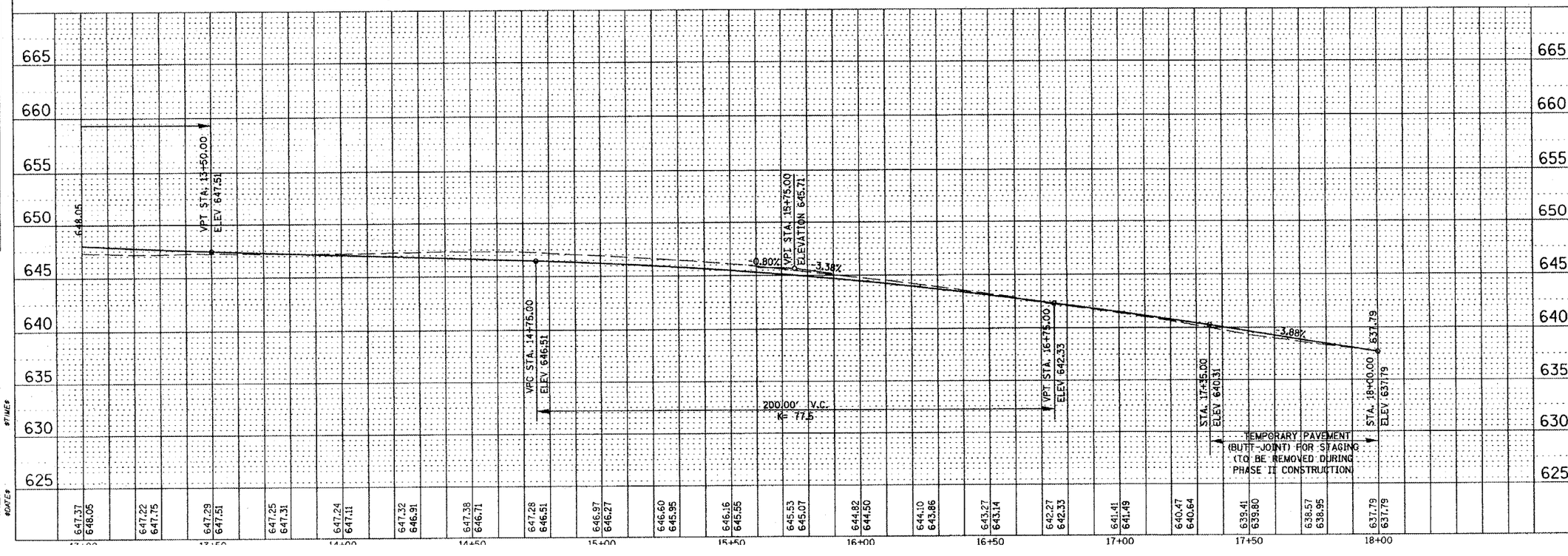
PLAN: SCANNED, PLOTTED, GRADES CHECKED, NOTE BOOK, NO., DATE, BY

PROFILE: SCANNED, PLOTTED, GRADES CHECKED, NOTE BOOK, NO., STRUCTURE NOTATING CHKD, DATE, BY

#TIME# #FILE# #DATE#

CONTRACT NO. 97263





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

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TITLE: ROADWAY PLAN AND PROFILE

PROJECT: SEIBERT RD. RECONSTRUCTION PHASE I VILLAGE OF SHILOH ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
1	/ /	
2	/ /	

DRAWN BY:	SHEET
DESIGNED BY:	14
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APPROVED BY:	
PROJECT NUMBER	OF 40 SHEETS

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PLAN: SURVEYED, PLOTTED, DRAWN, CHECKED, NOTE BOOK, NO., DATE, BY, FIELD FILE NAME

PROFILE: SURVEYED, PLOTTED, DRAWN, CHECKED, NOTE BOOK, NO., DATE, BY, STRUCTURE NUMBERS

CONTRACT NO. 97263

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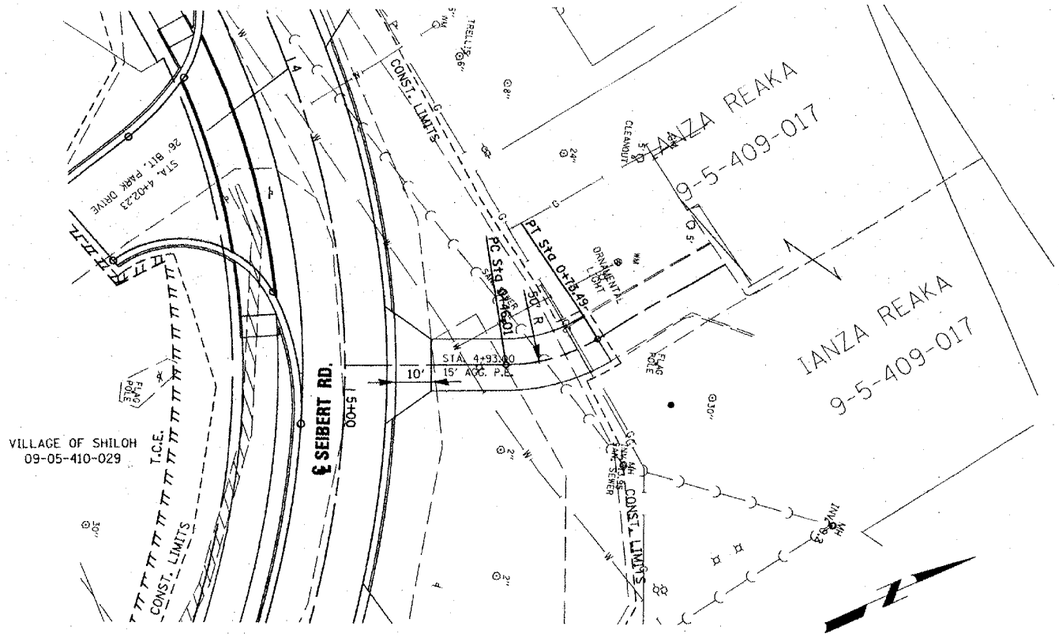
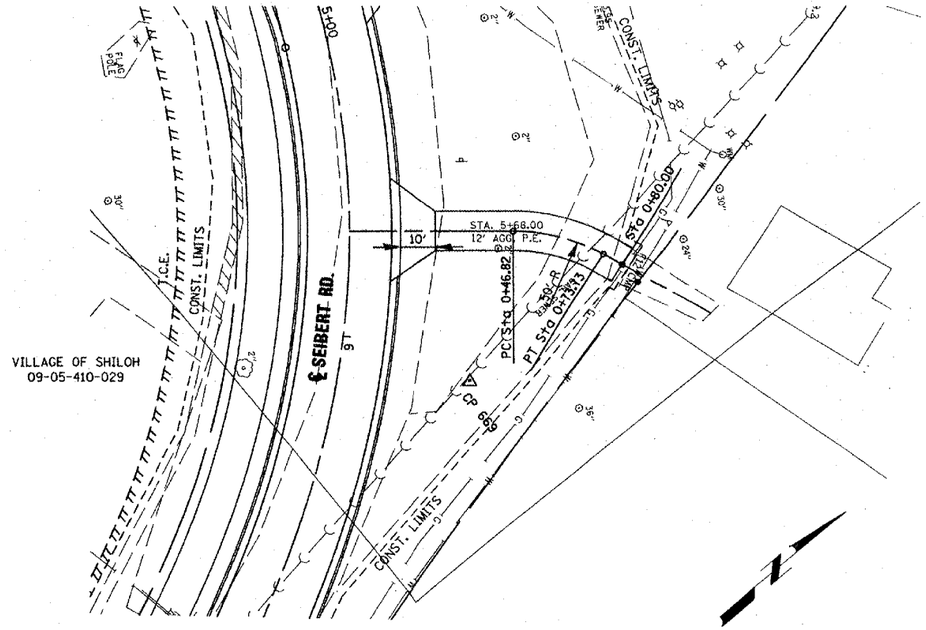
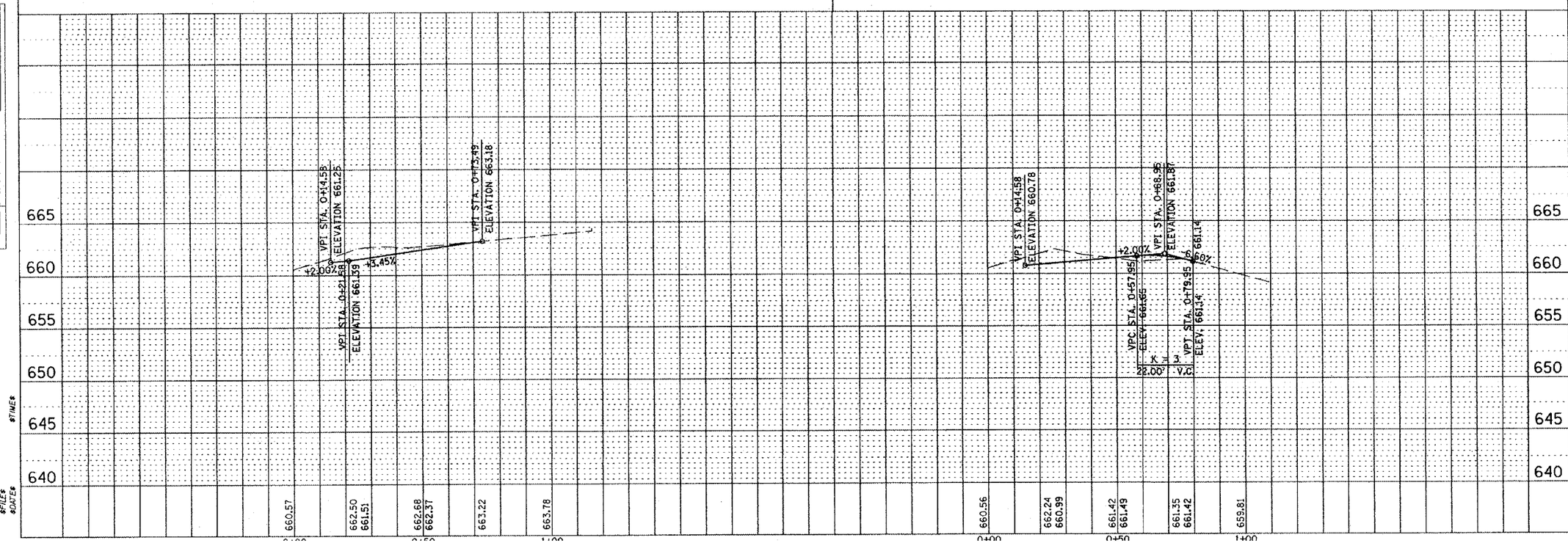


PRIVATE ENTRANCE STA. 5+68.00





PLAN

SURVEYED	DATE
DRAWN	
CHECKED	
ALIGNMENT CHECKED	
NOTE BOOK	
NO.	
PLOT FILE NAME	

PROFILE

SURVEYED	BY
DRAWN	
CHECKED	
NOTE BOOK	
B.M. NOTED	
NO.	
SCALE: HORIZONTAL 1"=20' VERTICAL 1"=4'	

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

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PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-008220
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ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
MISSOURI LAND SURVEYING CORP.	NC 000346

SEAL

Renewal Date:
Signature Date:

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TITLE: ROADWAY PLAN AND PROFILE

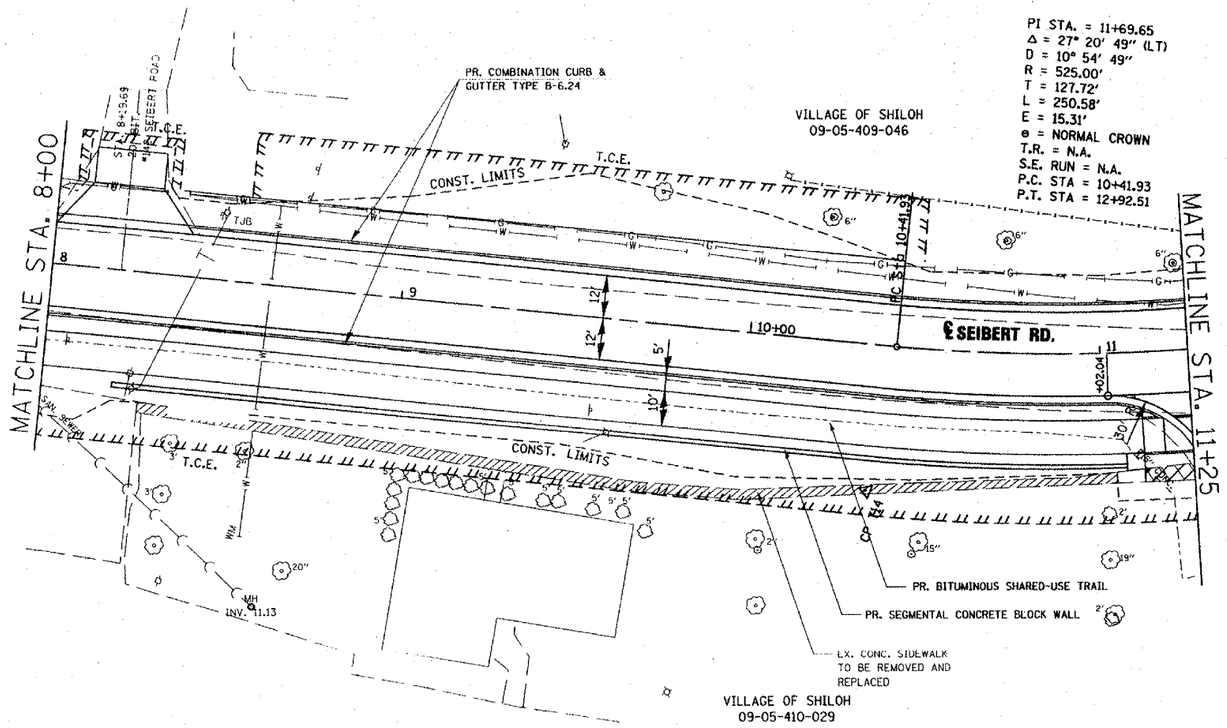
PROJECT: SEIBERT RD.RECONSTRUCTION PHASE I VILLAGE OF SHILOH ST.CLAIR COUNTY, ILLINOIS

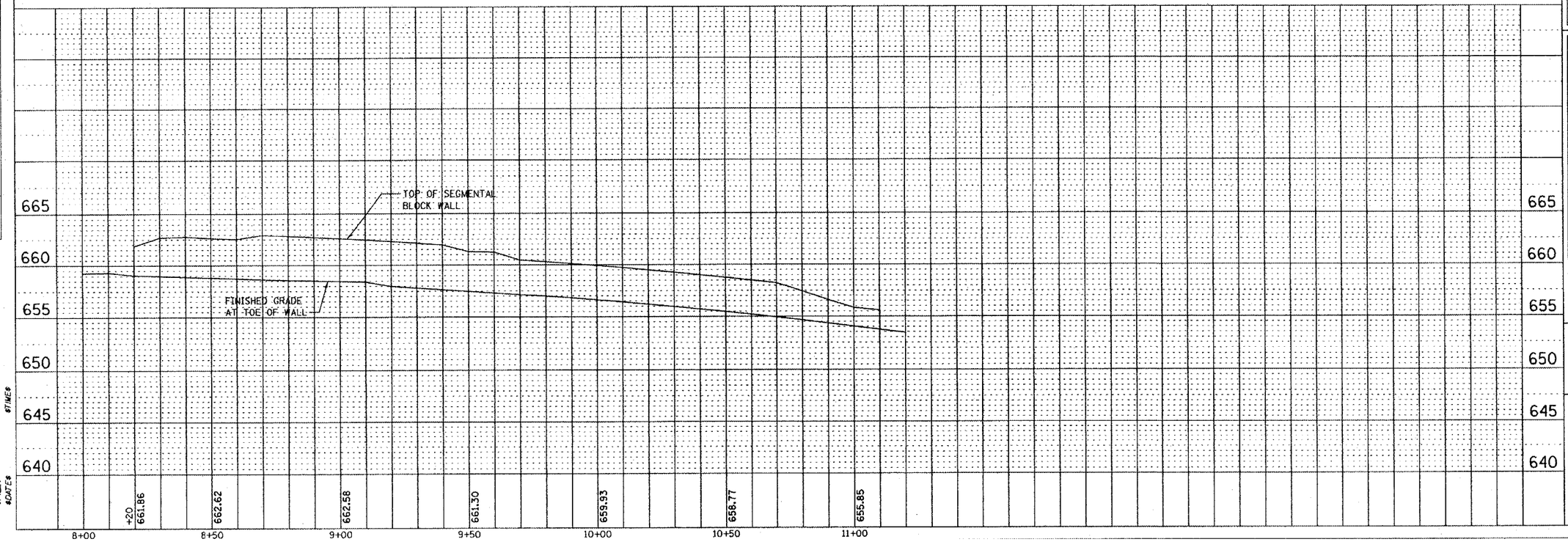
REV.	DATE	DESCRIPTION
△	/ /	
△	/ /	

DRAWN BY:	SHEET
DESIGNED BY:	15
CHECKED BY:	
APPROVED BY:	
PROJECT NUMBER	OF 40 SHEETS

[X] ISSUED FOR REVIEW [ ] ISSUED FOR BIDDING
[ ] ISSUED FOR CONSTR. [ ] RECORD DRAWING

CONTRACT NO. 97263





PLAN — SURVEYED: 8-3-05; ALIGNMENT CHECKED: 8-3-05; GRADES CHECKED: 8-3-05; NOTE BOOK: ALIGN. NOTES; NO.: ROAD FILE NAME:

PROFILE — SURVEYED: 8-3-05; ALIGNMENT CHECKED: 8-3-05; GRADES CHECKED: 8-3-05; NOTE BOOK: STRUCTURE NOTATIONS; NO.:

THOUVENOT, WADE & MOERCHEN, INC.
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Signature Date:

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TITLE: SEGMENTAL CONCRETE BLOCK WALL PLAN AND PROFILE

PROJECT: SEIBERT RD.RECONSTRUCTION PHASE I VILLAGE OF SHILOH ST.CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△	/ /	
△	/ /	

DRAWN BY:	KBP
DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
PROJECT NUMBER	

SHEET 16 OF 40 SHEETS

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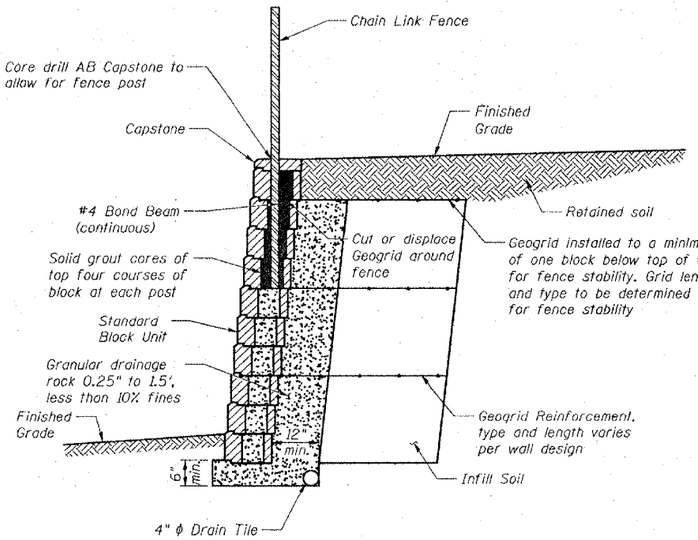
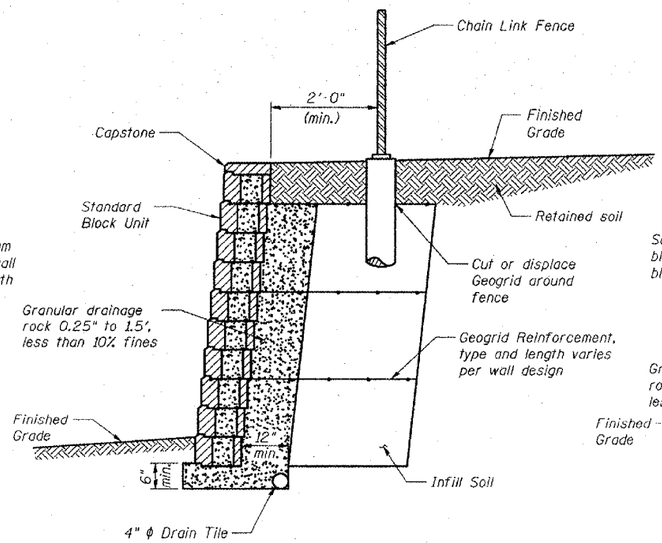
$FILE$
$DATE$

CONTRACT NO. 9726

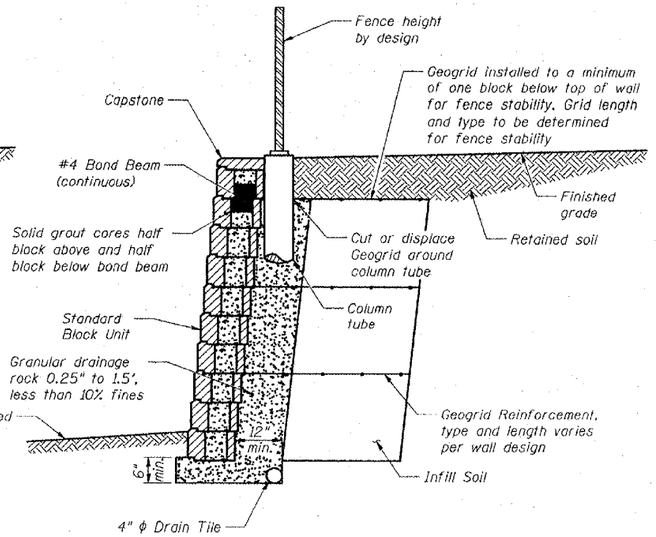


CHAIN LINK FENCE DETAIL

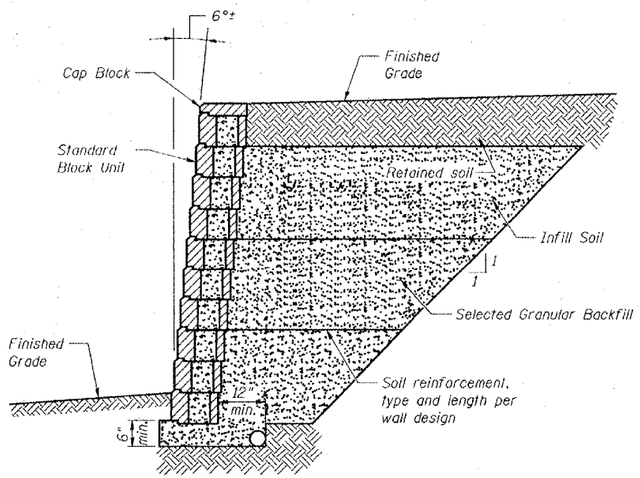


SETBACK FENCE POST TYPICAL SECTION

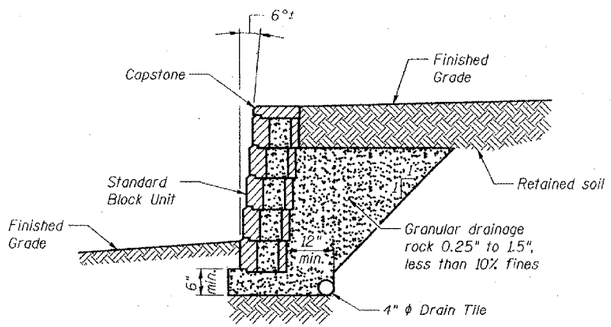
If the distance between the back of the block and the fence post is less than two feet, the fence will have an effect on the wall which must be accounted for.



TYPICAL FENCE SECTION



TYPICAL SECTION WITH SOIL REINFORCEMENT



GRAVITY WALL TYPICAL SECTION

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

[X] CORPORATE OFFICE
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PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-002220
PROFESSIONAL ENGINEERING CORP.	62-035370
PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	040-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NC 000528
MISSOURI LAND SURVEYING CORP.	NC 000346

SEAL

Renewal Date:
Signature Date:

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TITLE: SEGMENTAL CONCRETE BLOCK WALL PLAN AND PROFILE

PROJECT: SEIBERT RD.RECONSTRUCTION PHASE I VILLAGE OF SHILOH ST.CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
1	/ /	
2	/ /	

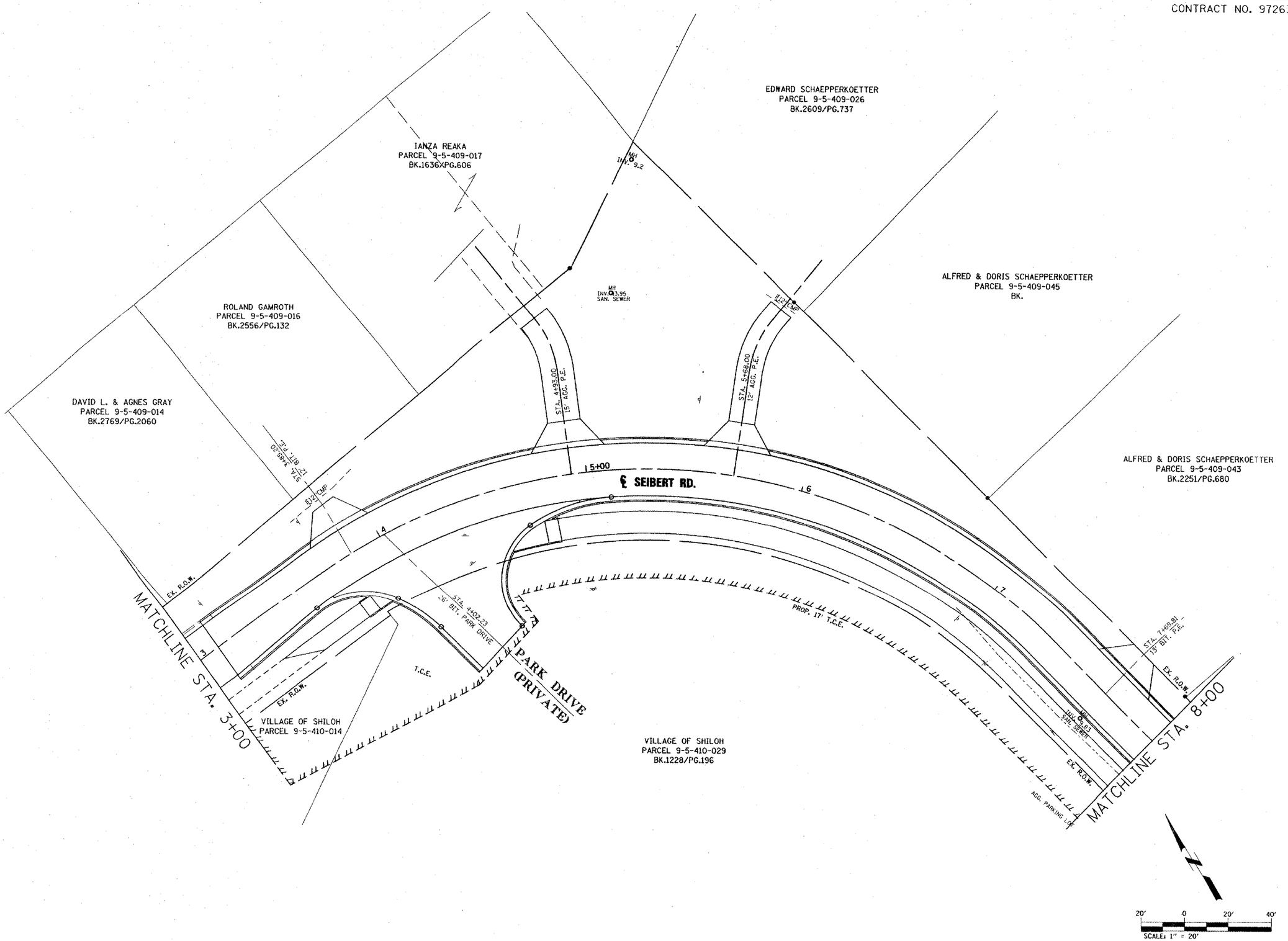
DRAWN BY: KBP	SHEET
DESIGNED BY:	17
CHECKED BY:	
APPROVED BY:	
PROJECT NUMBER	OF 40 SHEETS

[X] ISSUED FOR REVIEW [ ] ISSUED FOR BIDDING
[ ] ISSUED FOR CONSTR. [ ] RECORD DRAWING

PLAN — SURVEYED / DATE / DRAWN / CHECKED / NOTE BOOK / ALIGNMENT CHECKED / BY / INITIAL / PLOT FILE NAME / NO. / DATE / 8"

PROFILE — SURVEYED / DATE / GRADES CHECKED / NOTE BOOK / BY / INITIAL / ALIGNMENT CHKD / NO. / DATE / 8"

CONTRACT NO. 97263



PLAN
SURVEYED
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LAYOUT CHECKED
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
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LAYOUT CHECKED
NOTE BOOK
NO.
BY
DATE

#TWES
#FILE#
#DATE#

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

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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.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	MC 001528
MISSOURI LAND SURVEYING CORP.	MC 000346

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TITLE: RIGHT-OF-WAY SHEETS

PROJECT: SEIBERT RD. ROADWAY ALIGNMENT
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

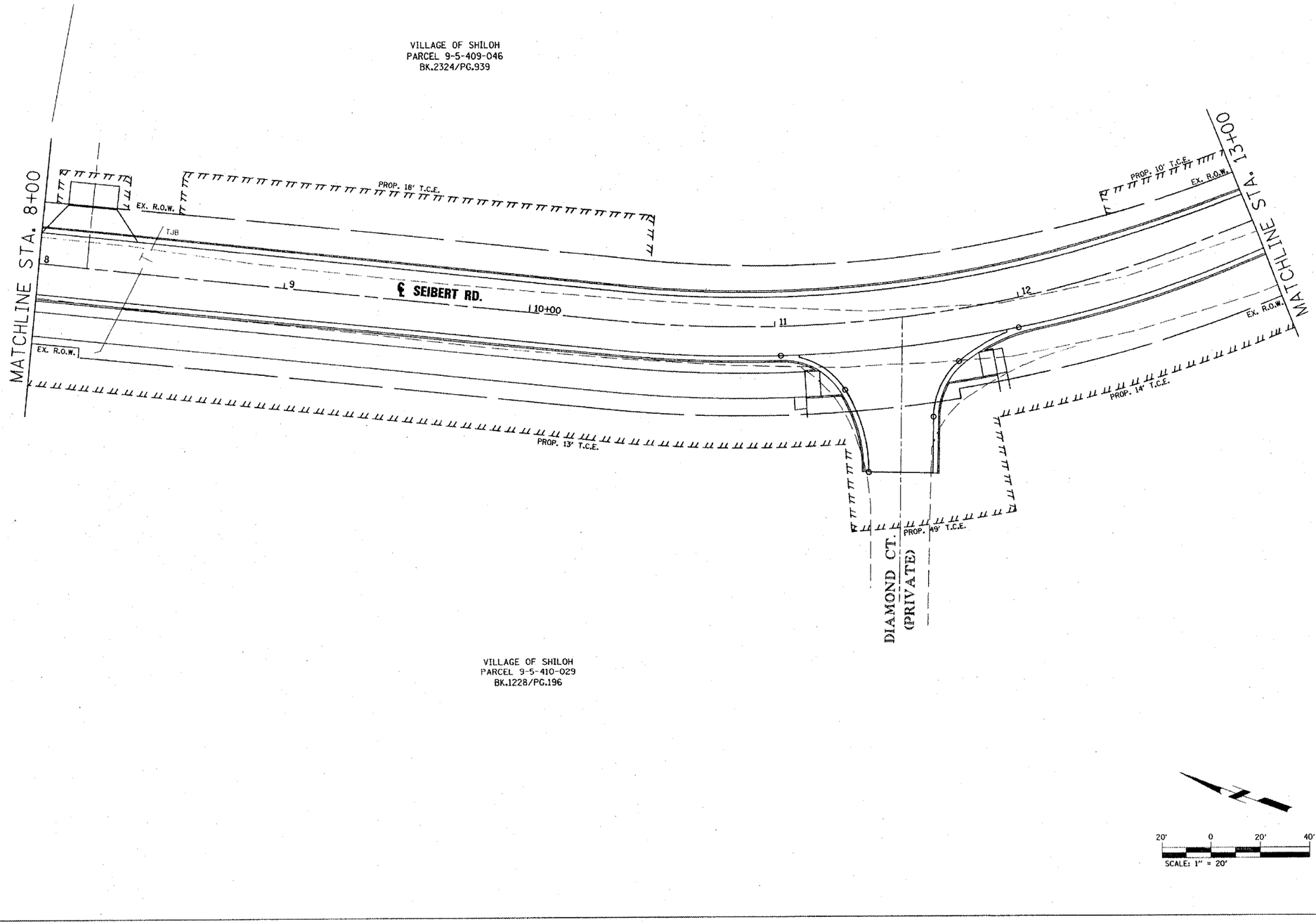
REV.	DATE	DESCRIPTION
1	/ /	
2	/ /	

DRAWN BY:	SGK
DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
PROJECT NUMBER	T09018479

SHEET
18
OF 40 SHEETS

[X] ISSUED FOR REVIEW [ ] ISSUED FOR BIDDING
[ ] ISSUED FOR CONSTR. [ ] RECORD DRAWING

CONTRACT NO. 97263



PLAN | SURVEYED BY | DATE | SCALE: 1"
PROFILE | SURVEYED BY | DATE | SCALE: 1"
NOTE BOOK | DRAWN BY | CHKD BY
NO. | CHKD BY | DATE
ALIGNMENT CHECKED | FIELD BOOK | PAGE(S)
CADD FILE NAME | HORIZ. SCALE: 1"=50' | VERT. SCALE: 1"=5'

$FILE$ $DATE$ $TIME$

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

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PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-000226
PROFESSIONAL ENGINEERING CORP.	62-035370
PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
MISSOURI LAND SURVEYING CORP.	NC 000346

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Signature Date:

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TITLE: RIGHT-OF-WAY SHEETS

PROJECT: SEIBERT RD. ROADWAY ALIGNMENT
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
1	/ /	
2	/ /	

DRAWN BY:	SGK
DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
PROJECT NUMBER	T09010479

SHEET 19 OF 40 SHEETS

[X] ISSUED FOR REVIEW [ ] ISSUED FOR BIDDING
[ ] ISSUED FOR CONSTR. [ ] RECORD DRAWING

CONTRACT NO. 97263

VILLAGE OF SHILOH
PARCEL 9-5-409-046
BK.2324/PG.939

MICHAEL & JANET A. RAWIE TRUSTEE
PARCEL 9-5-409-042
BK.3525/PG.2022

REGINA M. & KENNETH DEERING
PARCEL 9-8-207-001
BK.2351/PG.520
BK.2680/PG.365

SINN DRIVE (PRIVATE)

PROP. 10' T.C.E.
EX. R.O.W.
PROP. 3' T.C.E.
PROP. 27' T.C.E.
PROP. 24' T.C.E.
TEL. RISER
EX. R.O.W.

MATCHLINE STA. 13+00

MH/INLET
INV. 2.1

13 14 15+00 ℄ SEIBERT RD. 16 17

MH
INV. 10.6

MATCHLINE STA. 18+00

END

RR TIES

12" CMP

12"

EX. R.O.W.

PROP. 7' T.C.E.

PROP. 14' T.C.E.

END PROJECT

RANDALL A. & CHRISTINE NEWMAN
PARCEL 9-5-410-030
BK.3099/PG.1317

ROBERT L. & KATHLEEN M. WORTHEN
PARCEL 9-8-208-004
BK.2407/PG.51-52

DIANE NEUMAN
PARCEL 9-8-208-007
BK.2788/PG.2382
BK.2828/PG.2060

MARILYN TRAINOR
PARCEL 9-8-208-002
BK.2848/PG.1726

20' 0 20' 40'
SCALE: 1" = 20'

PLAT
DATE
BY
SURVEYED
PLOTTED
ALIGNMENT CHECKED
ROAD FILE NAME
NOTE BOOK
NO.

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
ROAD FILE NAME
NOTE BOOK
NO.
STRUCTURE NOTATIONS GRAD

$FILE$ $DATE$ $TIME$

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

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MISSOURI PROFESSIONAL ENGR. CORP.	NC 000528
MISSOURI LAND SURVEYING CORP.	NC 000346

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Renewal Dates:
Signature Dates:

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TITLE: RIGHT-OF-WAY SHEETS

PROJECT: SEIBERT RD. ROADWAY ALIGNMENT
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

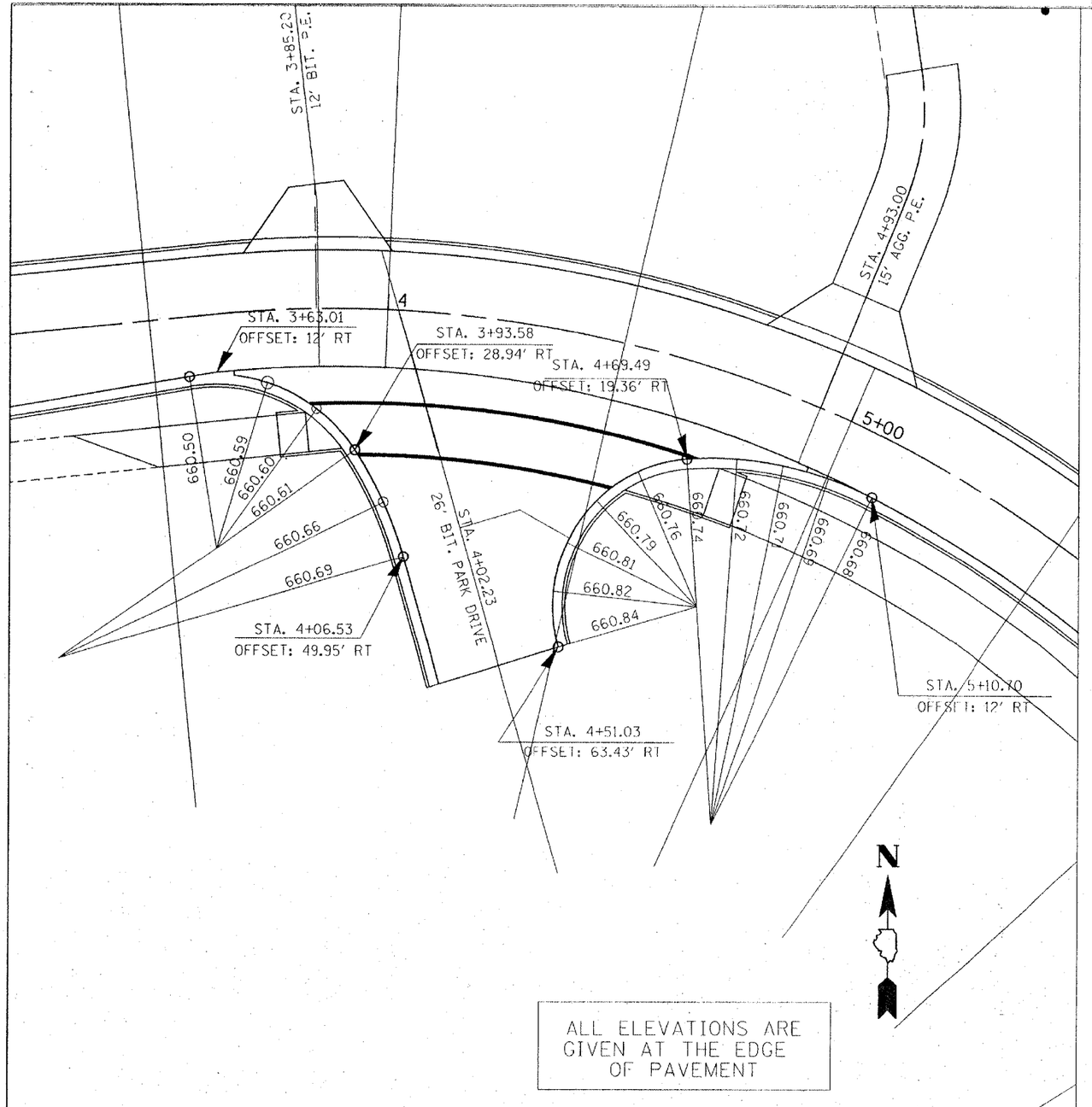
REV.	DATE	DESCRIPTION
1	/ /	
2	/ /	

DRAWN BY:	SGK	SHEET
DESIGNED BY:		20
CHECKED BY:		
APPROVED BY:		
PROJECT NUMBER	T09010479	OF 40 SHEETS

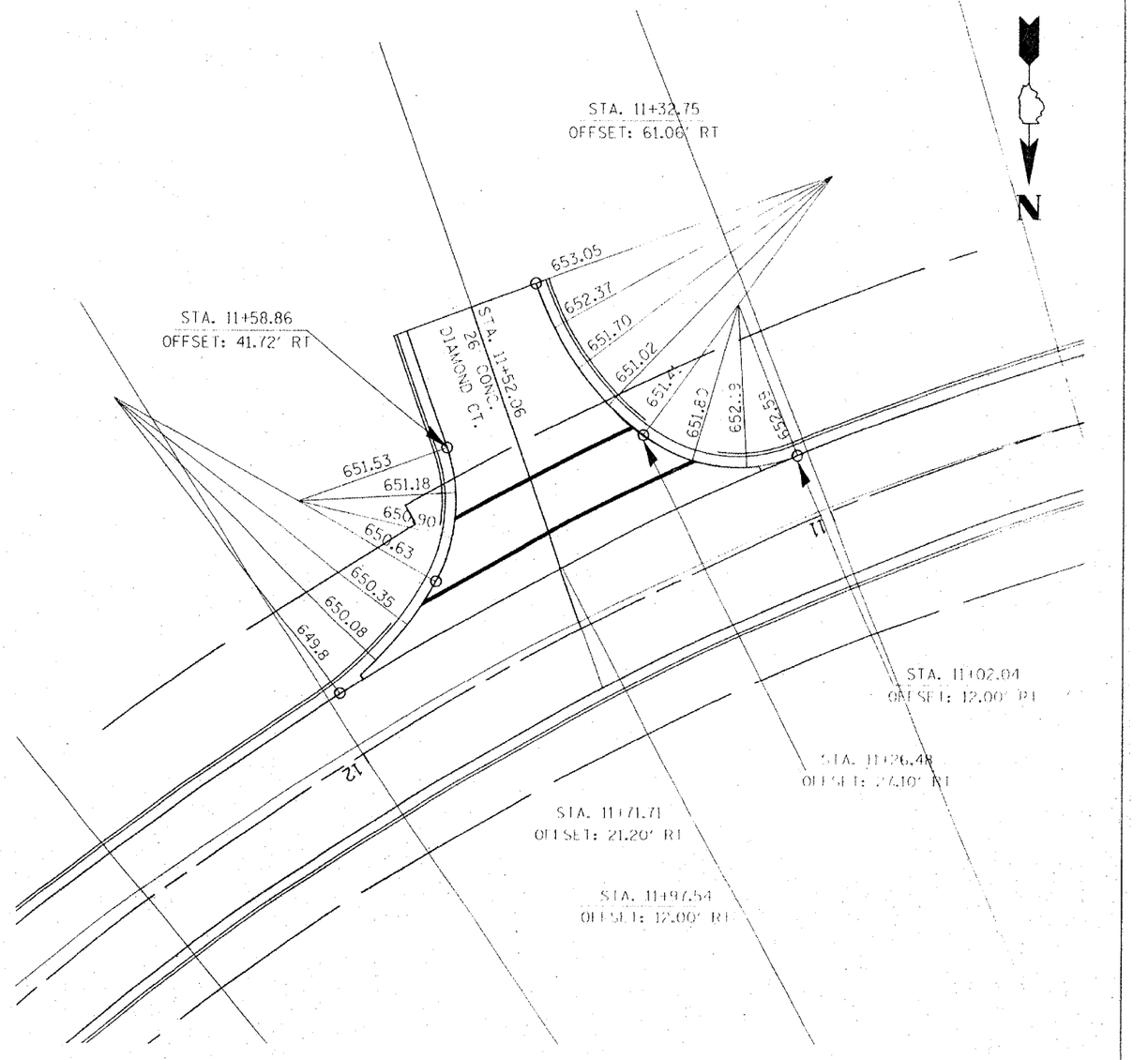
[X] ISSUED FOR REVIEW [ ] ISSUED FOR BIDDING
[ ] ISSUED FOR CONSTR. [ ] RECORD DRAWING

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9177	00-00007-01-PV	ST CLAIR	40	21
STA.		TO STA.		

EXISTING CONDITIONS:
CONTRACT NO. 97263



ALL ELEVATIONS ARE GIVEN AT THE EDGE OF PAVEMENT



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

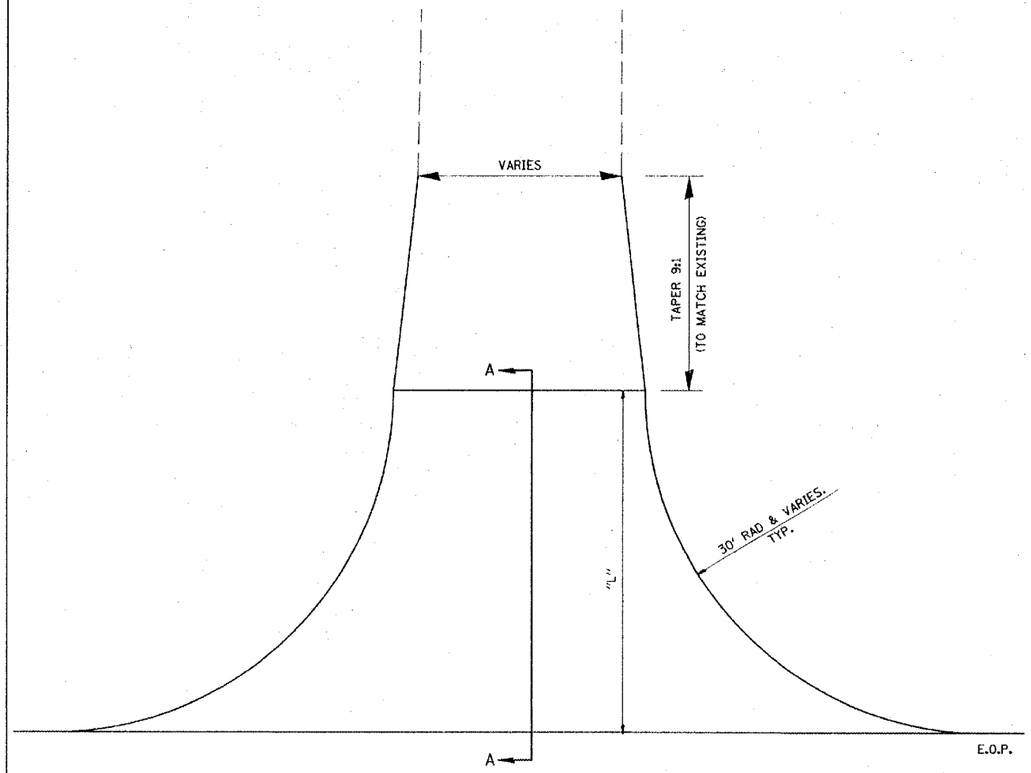
INTERSECTION DETAILS

SEIBERT ROAD
SECTION 00-00007-01-PV
ST CLAIR COUNTY

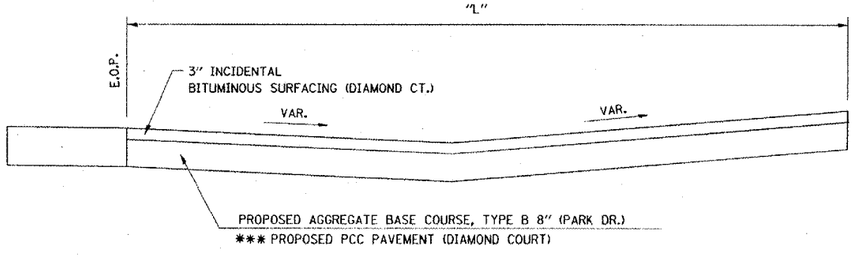
SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9177	00-00007-01-PV	ST CLAIR	40	22
STA.	TO STA.			
EXISTING CONDITIONS:				
CONTRACT NO. 97263				



DETAIL OF SIDE ROAD ENTRANCE
(PARK DRIVE & DIAMOND CT.)

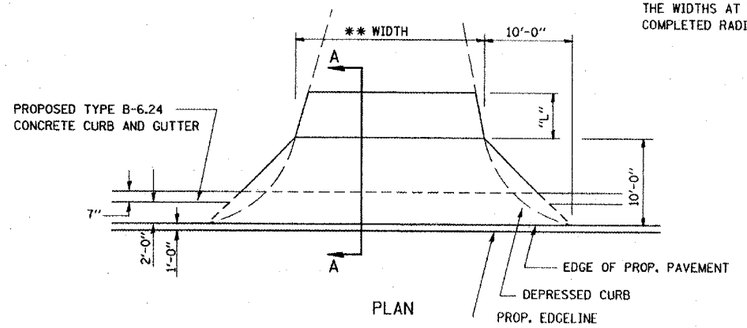


SECTION A-A

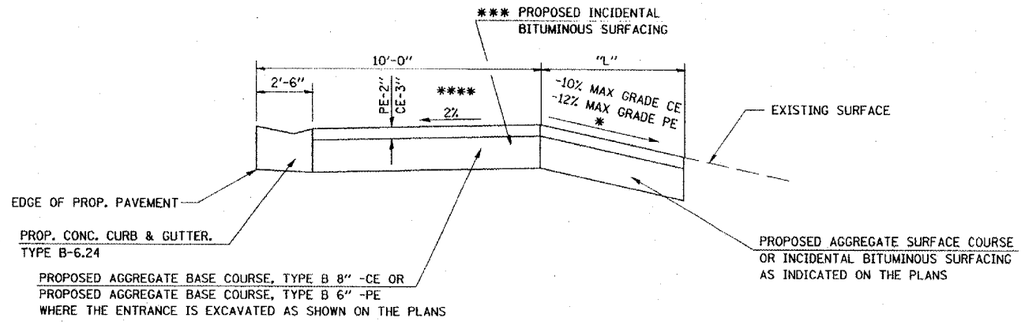
CURB AND GUTTER ENTRANCE DETAIL

ADJACENT TO TYPE B-6.24
CONCRETE CURB AND GUTTER
COMMERCIAL & PRIVATE ENTRANCES
(INCLUDING SINN DRIVE & #142 SEIBERT RD)

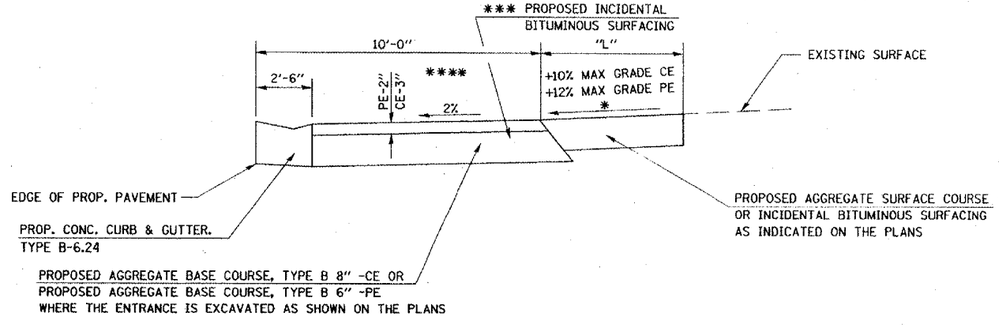
** ALLOWABLE ENTRANCE WIDTHS:
PRIVATE 12' TO 24'
COMMERCIAL 35' MAXIMUM
ALLOWABLE ENTRANCE WIDTH SHALL BE INTERPRETED TO BE THE WIDTHS AT THE SPECIFIED COMPLETED RADIUS.



PLAN



SECTION A-A WITH NEGATIVE GRADE



SECTION A-A WITH POSITIVE GRADE

* SEE CROSS SECTIONS FOR SLOPES

*** FOR SIDE ROADS/ENTRANCES WITH EXISTING CONCRETE PAVEMENT OR THROUGH SIDEWALK, THE PROPOSED SIDE ROAD/ENTRANCE SHALL BE CONSTRUCTED WITH PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"

**** SEE CROSS SECTIONS FOR SLOPES AND LENGTHS AT STA 7+69.64 & STA 14+90.99

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

URBAN ENTRANCE DETAILS

SEIBERT ROAD
SECTION 00-00007-01-PV
ST CLAIR COUNTY

SCALE: DRAWN BY
DATE CHECKED BY

$DATE$
$TIME$
$FILE$

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9177	00-00007-01-PV	ST.CLAIR	40	23
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 97263

STORM WATER POLLUTION PREVENTION PLAN

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 I COMPLETE RECONSTRUCTION OF SEIBERT ROAD FROM A POINT 310' EAST OF MAIN STREET TO SINN DRIVE.
2. CONSTRUCTION CONSISTS OF EARTHWORK, BITUMINOUS ROADWAY REMOVAL AND REPLACEMENT, STORM SEWER, CURB & GUTTER, 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 2.3 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. CROSSROAD CULVERTS FLOW INTO DETENTION PONDS.

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 IN THAT PORTION OF THE SITE HAS TEMPORARILY OF 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.
   (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 ILR10, 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. Vermeir II
SIGNATURE

21/05
DATE

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 RESEEDED (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.

TEMPROARY EROSION CONTROL						
LOCATION	INLET AND PIPE PROTECTION	TEMPORARY DITCH CHECKS				
	(EACH)	(EACH)				
SEIBERT ROAD	33	2				
TOTAL:						

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLAN

SEIBERT ROAD

SECTION 00-00007-01-PV

ST. CLAIR COUNTY

SCALE: VERT.
HORIZ.

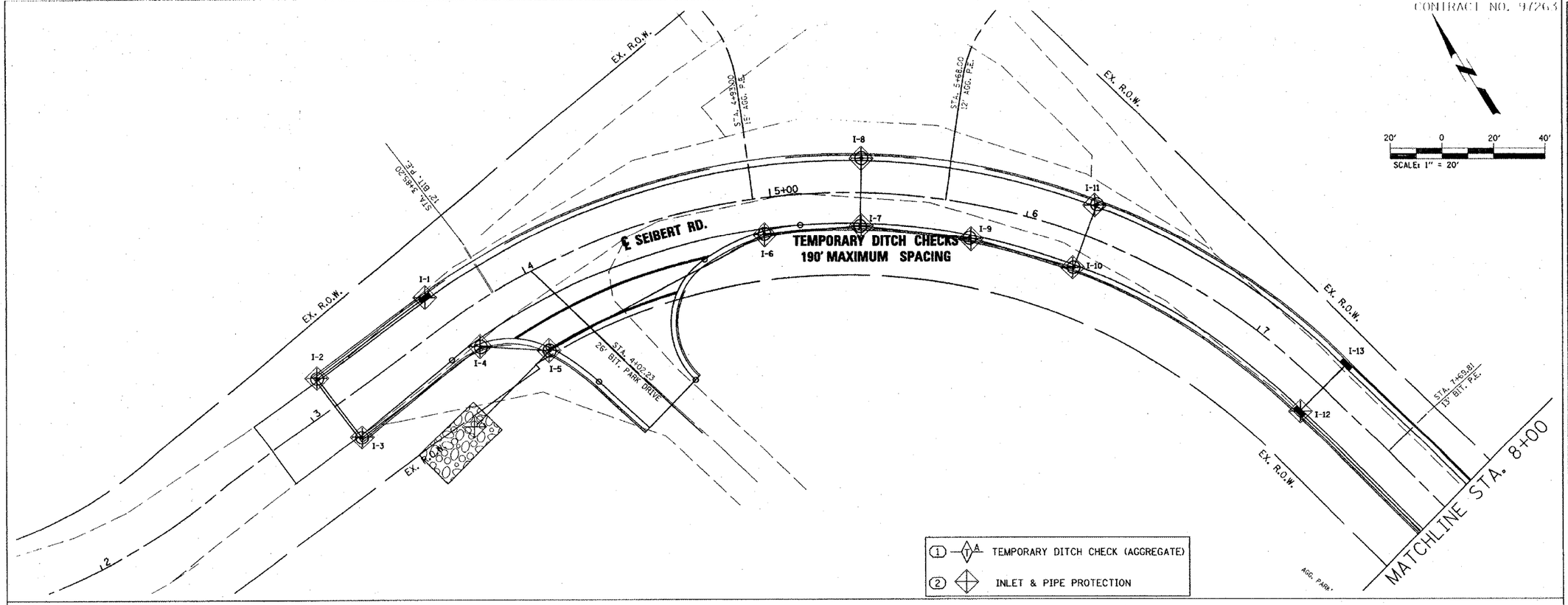
DRAWN BY: TH

DATE: 08/10/05

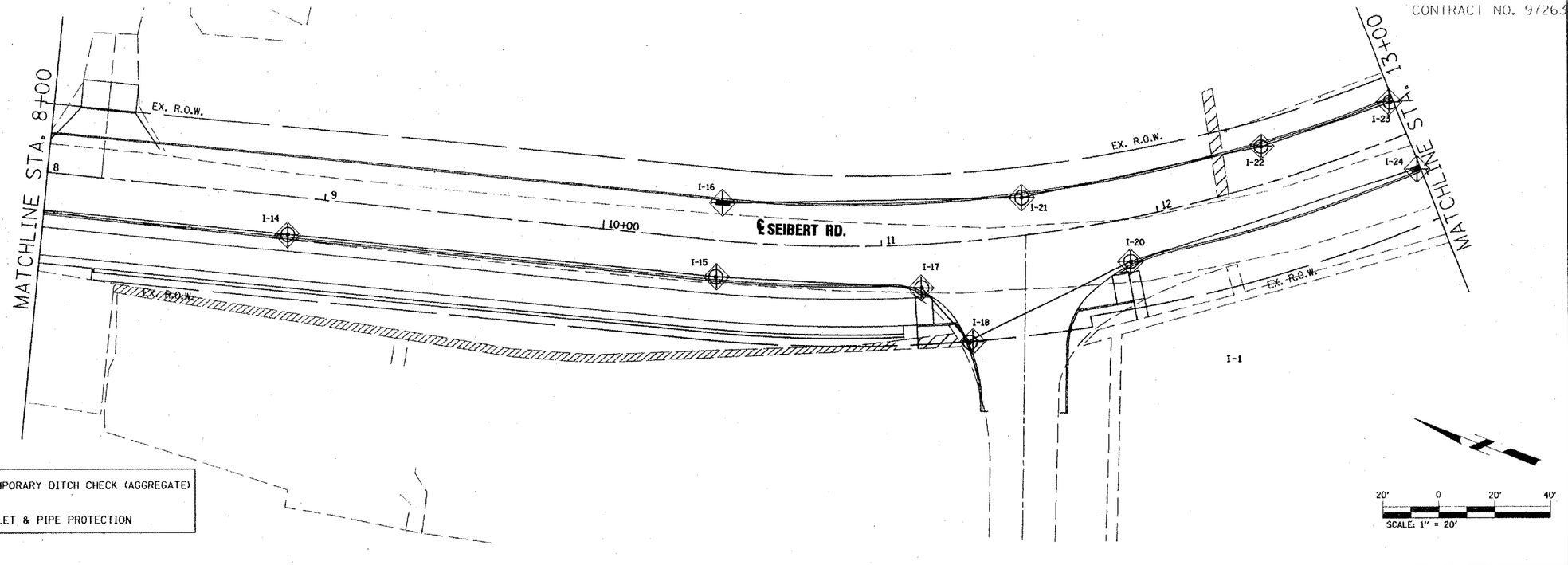
CHECKED BY

$DATE$
$TIME$
$FILE$

CONTRACT NO. 9726.3



CONTRACT NO. 9726.3



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ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NC 000528
MISSOURI LAND SURVEYING CORP.	NC 000346

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Renewal Dates:
Signature Dates:

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TITLE: TEMPORARY EROSION CONTROL DETAILS

PROJECT: SEIBERT RD. RECONSTRUCTION PHASE I VILLAGE OF SHILOH ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
1	/ /	
2	/ /	

DRAWN BY:	SHEET
DESIGNED BY:	24
CHECKED BY:	
APPROVED BY:	
PROJECT NUMBER	OF 40 SHEETS

[X] ISSUED FOR REVIEW [ ] ISSUED FOR BIDDING
[ ] ISSUED FOR CONSTR. [ ] RECORD DRAWING

PLAN — SURVEYED / PLOTTED / ALIGNMENTS CHECKED / PROFILES CHECKED / NOTE BOOK / NO. / CADD FILE NAME / BY / DATE

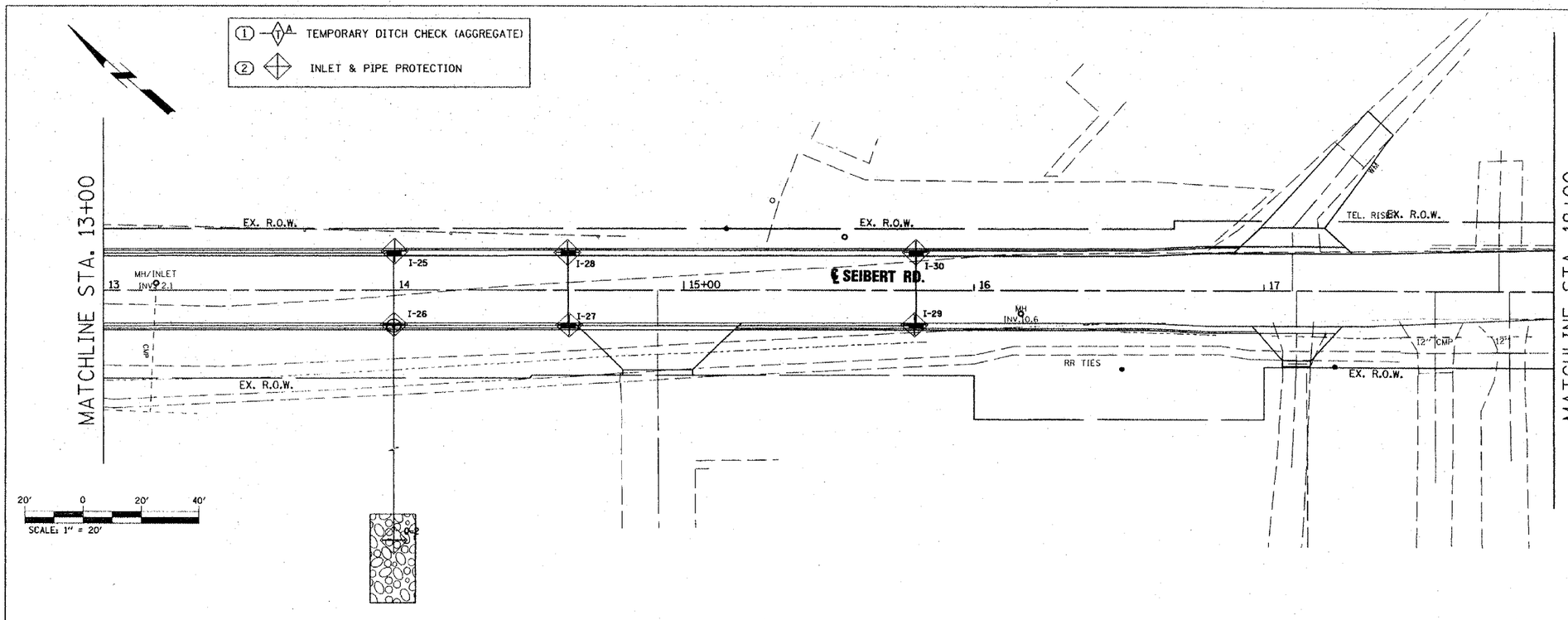
PROFILE — SURVEYED / PLOTTED / ALIGNMENTS CHECKED / PROFILES CHECKED / NOTE BOOK / NO. / STRUCTURE NOTATING CHKD / BY / DATE

#TIME$ #DATE$ #FILE$

CONTRACT NO. 97263

1 — A — TEMPORARY DITCH CHECK (AGGREGATE)

2 — INLET & PIPE PROTECTION



PLAN | PROFILE

SURVEYED
PLOTTED
DRAWN
CHECKED
NOTE BOOK
NO.
ALL R.R. MONUMENTS SHALL BE CHECKED
BEFORE ANY WORK IS DONE
ALL NOTES NOTATIONS IN 0'-0"

BY | DATE

#FILE#
#DATE#
#TIME#

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ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
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MISSOURI LAND SURVEYING CORP.	NC 000346

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Renewal Date:
Signature Date:

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TITLE: TEMPORARY EROSION CONTROL DETAILS

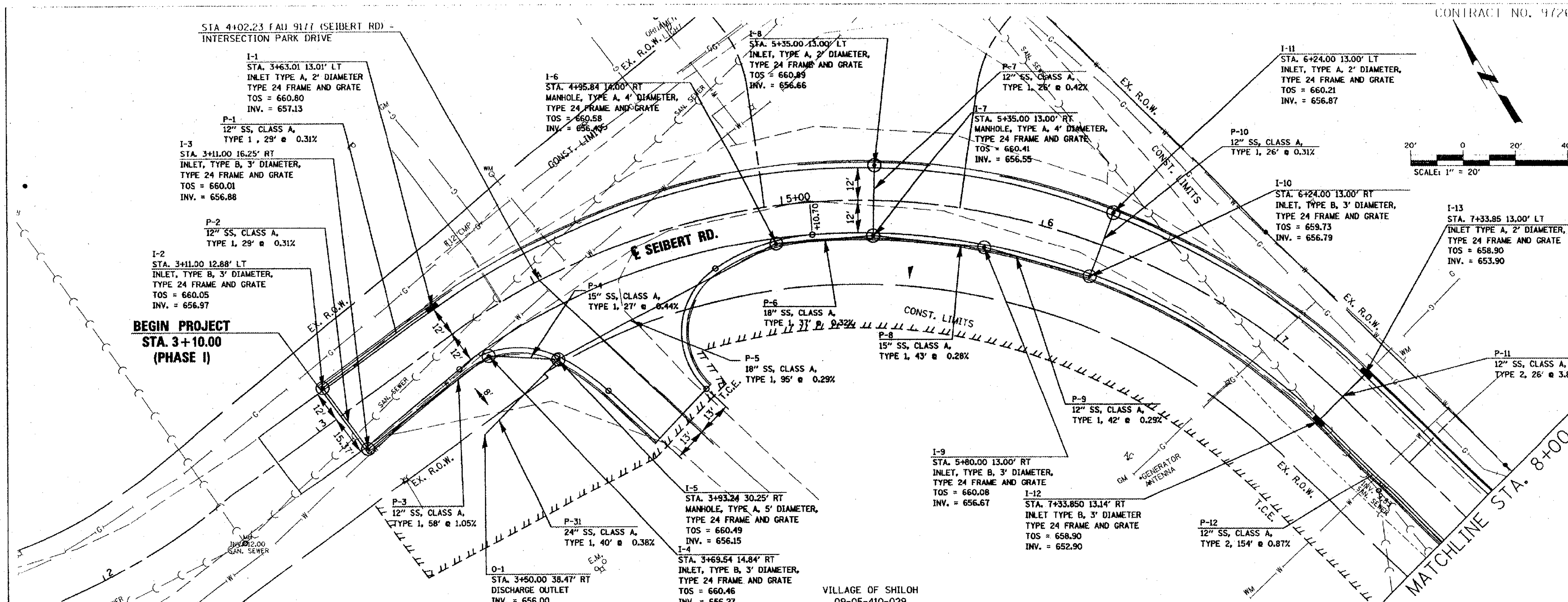
PROJECT: SEIBERT RD.RECONSTRUCTION PHASE I VILLAGE OF SHILOH ST.CLAIR COUNTY, ILLINOIS

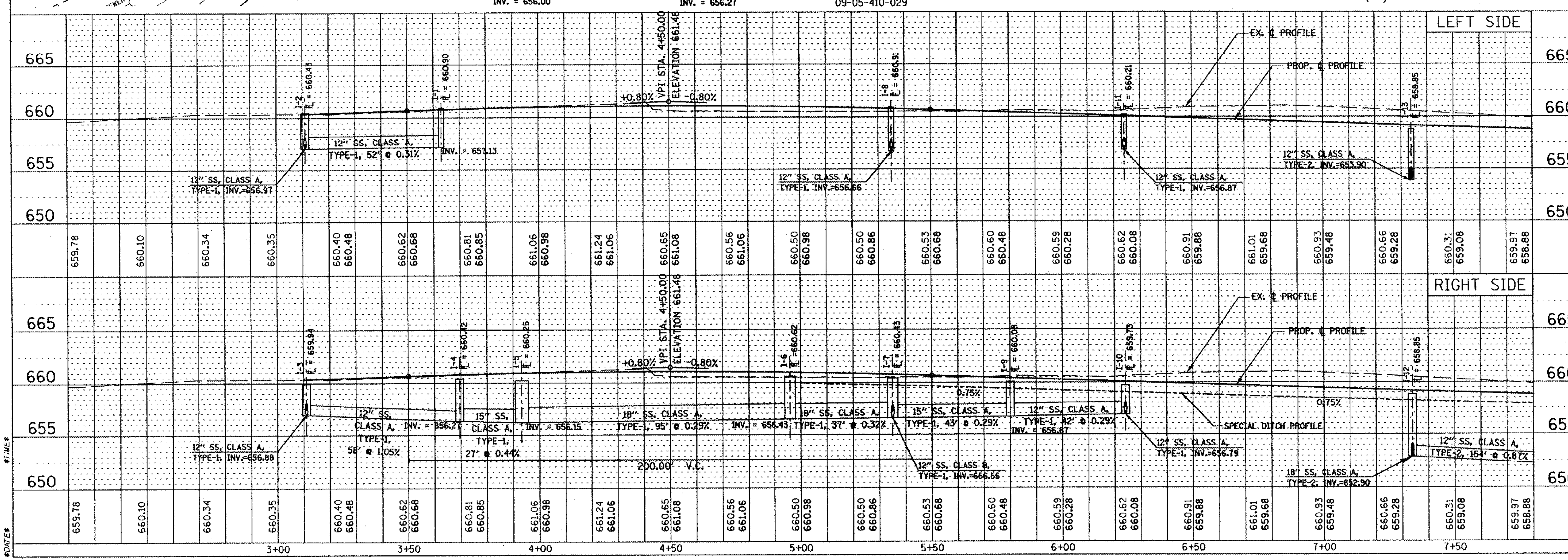
REV.	DATE	DESCRIPTION
1	/ /	
2	/ /	

DRAWN BY:	SHEET
DESIGNED BY:	25
CHECKED BY:	
APPROVED BY:	
PROJECT NUMBER	OF 40 SHEETS

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

CONTRACT NO. 97263





PLAN — NOTE BOOK, NO. — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME — BY, DATE

PROFILE — NOTE BOOK, NO. — SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD — BY, DATE

$TIME$ $FILE$ $DATE$

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MISSOURI LAND SURVEYING CORP.	NC 000346

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Renewal Date:
Signature Date:

TITLE: PROPOSED DRAINAGE

PROJECT: SEIBERT RD. RECONSTRUCTION
PHASE I
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
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DRAWN BY:	SHEET
DESIGNED BY:	26
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APPROVED BY:	
PROJECT NUMBER	OF 40 SHEETS

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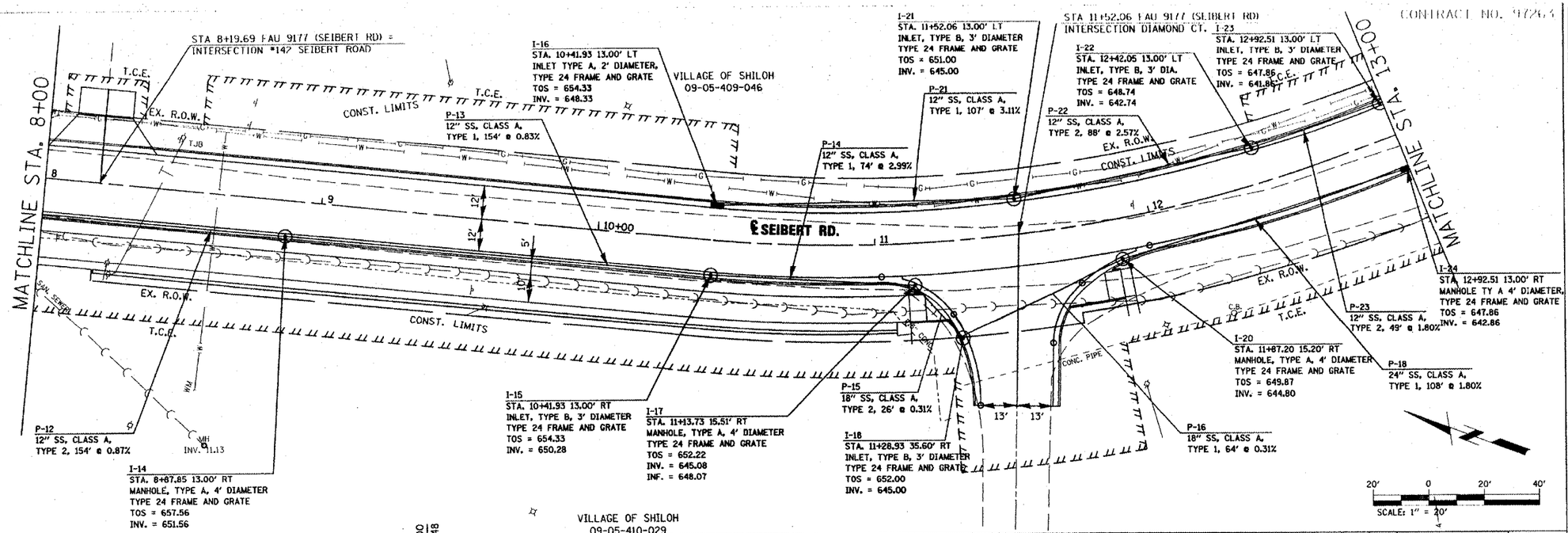
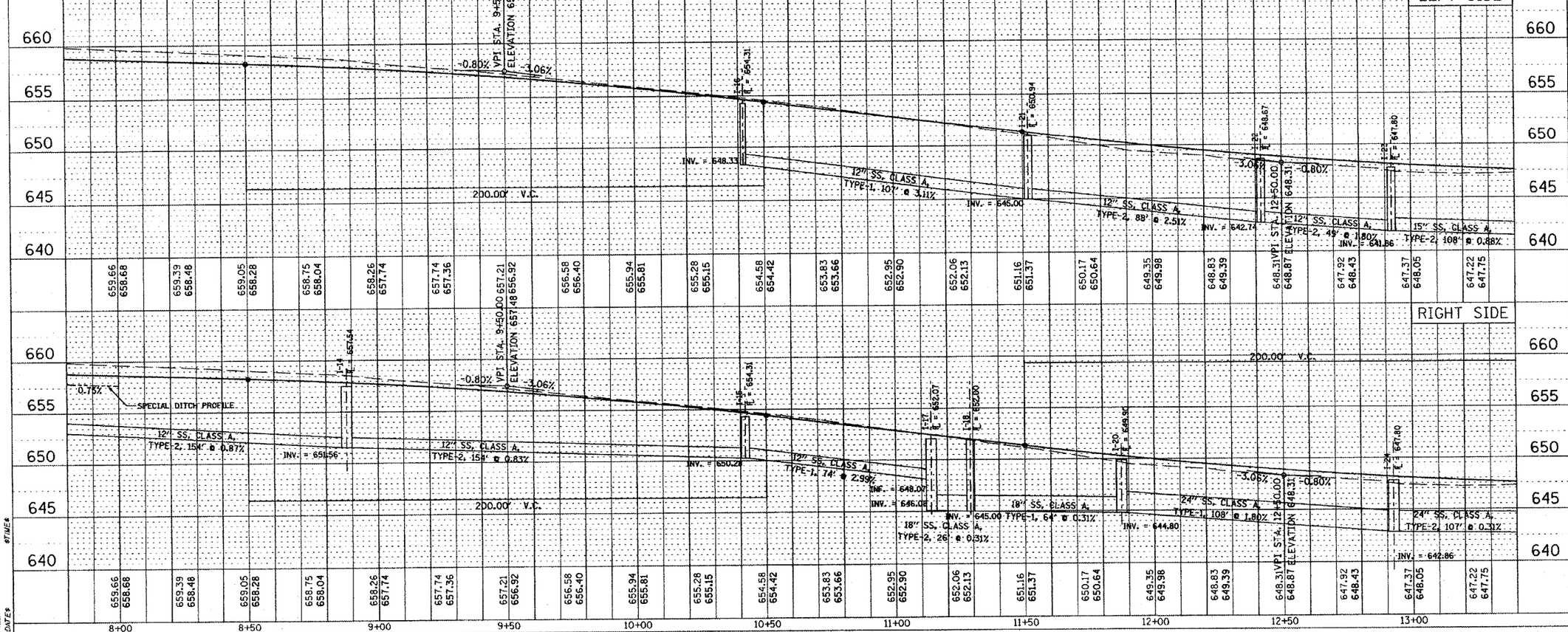
[ ] ISSUED FOR CONSTR. [ ] RECORD DRAWING

CONTRACT NO. 92763





PLAN
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NOTE BOOK
B.M. NOTED
PKD. FILE NAME
NO.
BY
DATE
ALIGNMENT CHECKED
STRUCTURE NOTATIONS CHKD

PROFILE
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DRAWN
CHECKED
NOTE BOOK
B.M. NOTED
STRUCTURE NOTATIONS CHKD
NO.
BY
DATE

$TIME$
$FILE$
$DATE$

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TITLE: PROPOSED DRAINAGE

PROJECT: SEIBERT RD.RECONSTRUCTION PHASE I VILLAGE OF SHILOH ST.CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△	/ /	14+00
△	/ /	

DRAWN BY:
DESIGNED BY:
CHECKED BY:
APPROVED BY:
PROJECT NUMBER

SHEET 27 OF 40 SHEETS

[X] ISSUED FOR REVIEW [ ] ISSUED FOR BIDDING
[ ] ISSUED FOR CONSTR. [ ] RECORD DRAWING

CONTRACT NO. 97263

I-25
STA. 14+00.00 13.00' LT
MANHOLE, TYPE A, 4' DIAMETER,
TYPE 24 FRAME AND GRATE
TOS = 646.80
INV. = 640.91

P-25
18" SS, CLASS A,
TYPE 1, 26' @ 0.31%

P-24
15" SS, CLASS A,
TYPE 2, 108' @ 0.88%

I-26
STA. 14+00.00 13.00' RT
MANHOLE, TYPE A, 6' DIAMETER
TYPE 24 FRAME AND GRATE
TOS = 646.80
INV. = 638.80
INF. = 640.83 FROM NORTH
INF. = 642.22 FROM WEST
INF. = 639.92 FROM EAST

VILLAGE OF SHILOH
09-05-409-046

P-35
12" SS, CLASS A,
TYPE 2, 26' @ 1.81%

I-28
STA. 14+60.00 13.00' RT
INLET TYPE A, 2' DIAMETER,
TYPE 24 FRAME AND GRATE
TOS = 646.31
INV. = 640.57

I-27
STA. 14+60.00 13.00' RT
MANHOLE, TYPE A, 5' DIAMETER,
TYPE 24 FRAME AND GRATE
TOS = 646.31
INV. = 640.10

I-30
STA. 15+80.00 13.00' RT
INLET, TYPE A, 2' DIAMETER
TYPE 24 FRAME AND GRATE
TOS = 644.61
INV. = 640.54

P-28
12" SS, CLASS A,
TYPE 1, 26' @ 0.31%

I-29
STA. 15+80.00 13.00' RT
MANHOLE, TYPE A, 4' DIAMETER
TYPE 24 FRAME AND GRATE
TOS = 644.61
INV. = 640.46

STA 17+09.93 FAU 9177 (SEIBERT RD) =
INTERSECTION SINN DRIVE

MICHAEL & JANET A.
RAWIE TRUSTEES
09-05-409-042

END PROJECT
STA. 17 + 35.00
(PHASE I)

REGINA M. &
KENNETH DEERING
09-08-207-001

MATCHLINE STA. 13+00

MATCHLINE STA. 18+00

EX. R.O.W.

T.C.E.

℄ SEIBERT RD.

MH/INLET
INV=642.21

MH
INV=640.46

RR TIES

P-19
18" SS, CLASS A,
TYPE 1, 26' @ 0.31%

P-26
18" SS, CLASS A,
TYPE 2, 60' @ 0.30%

P-27
18" SS, CLASS A,
TYPE 1, 120' @ 0.30%

T.C.E.
36" SS, CLASS A,
TYPE 1, 150' @ 0.13%

STA. 14+00.00, 164' RT
DISCHARGE OUTLET
INV=638.60

20' 0 20' 40'
SCALE: 1" = 20'

RANDALL A. &
CHRISTINE NEWMAN
09-05-410-030

ROBERT L. &
KATHLEEN M. WORTHEN
09-08-208-004

DIANE NEUMAN
09-08-208-007

MARILYN TRAINOR
09-08-208-002

LEFT SIDE

RIGHT SIDE

VPI STA. 15+75.00
ELEVATION 645.71

-0.80%

-3.38%

15" SS, CLASS A,
TYPE-2, 108' @ 0.88%

18" SS, CLASS A,
TYPE-1, INV.=640.91

12" SS, CLASS A,
TYPE-2, INV.=640.57

12" SS, CLASS A,
TYPE-1, INV.=640.54

24" SS, CLASS A,
TYPE-1, 107' @ 0.31%

INF. = 642.22

18" SS, CLASS A,
TYPE-1, 26' INV.=640.83

16" SS, CLASS A,
TYPE-2 INV.=638.80

18" SS, CLASS A,
TYPE-1, 60' @ 0.30%

12" SS, CLASS A,
TYPE-2, 26' INV.=640.10

18" SS, CLASS A,
TYPE-1, 120' @ 0.30%

12" SS, CLASS A,
TYPE-1, 26' INV.=640.46

	14+00	14+50	15+00	15+50	16+00	16+50	17+00	17+50	18+00
	647.37 / 648.05	647.22 / 647.75	647.29 / 647.51	647.25 / 647.31	647.24 / 647.11	647.32 / 646.91	647.38 / 646.71	647.28 / 646.51	646.97 / 646.27
	646.60 / 645.95	646.16 / 645.55	645.53 / 645.07	644.82 / 644.50	644.10 / 643.86	643.27 / 643.14	642.27 / 642.33	641.41 / 641.49	640.47 / 640.64
	639.41 / 639.80	638.57 / 638.95	637.79 / 631.79						

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TITLE: PROPOSED DRAINAGE

PROJECT: SEIBERT RD. RECONSTRUCTION
PHASE I
VILLAGE OF SHILOH
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△	/ /	
△	/ /	

DRAWN BY:	SHEET
DESIGNED BY:	28
CHECKED BY:	
APPROVED BY:	
PROJECT NUMBER	OF 40 SHEETS

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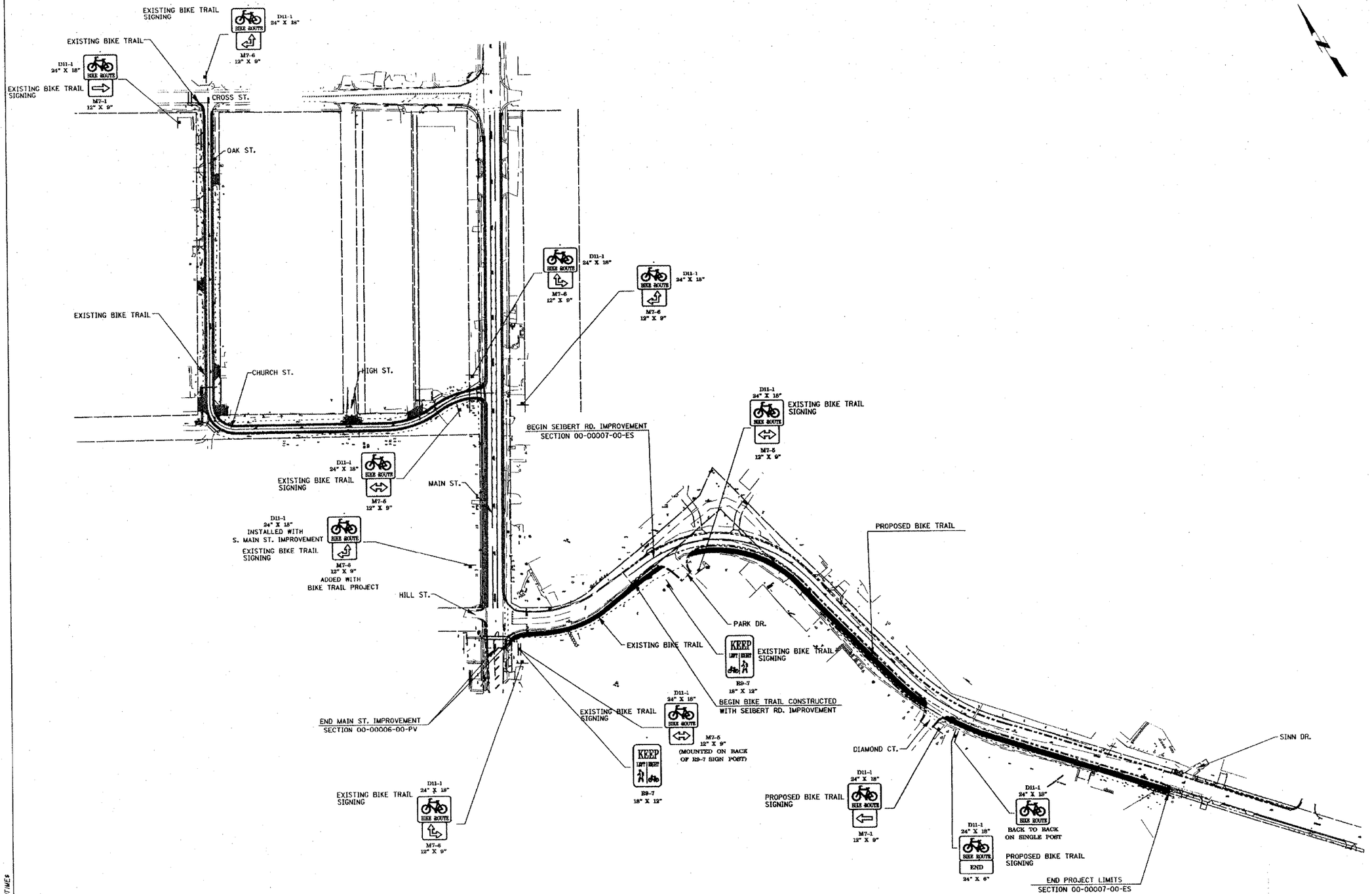
☐ ISSUED FOR CONSTR. ☐ RECORD DRAWING

PLAN SURVEYED / DRAWN / ALIGNMENT CHECKED / GRADES CHECKED / ROAD ELEV. CHECKED / NOTE BOOK / NO. / BY / DATE

PROFILE SURVEYED / DRAWN / GRADES CHECKED / NOTE BOOK / NO. / BY / DATE / STRUCTURE NOTATIONS CHKD

CONTRACT NO. 97263



THOUVENOT, WADE & MOERCHEN, INC.

ENGINEERS ◆ SURVEYORS ◆ PLANNERS

TWM

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

☐ WATERLOO OFFICE
118 EAST THIRD STREET
WATERLOO, ILLINOIS 62298
TEL (618) 939-5050
FAX (618) 939-3938
twm@mtc.net

☐ 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	184-000220
PROFESSIONAL ENGINEERING CORP.	62-035370
PROFESSIONAL STRUCTURAL ENGR. CORP.	61-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NC 000528
MISSOURI LAND SURVEYING CORP.	NC 000346

TITLE: BIKE TRAIL SIGNING

PROJECT: SEIBERT RD RECONSTRUCTION
VILLAGE OF SHILOH
ST.CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION
△	/ /	
△	/ /	

DRAWN BY:	TH	SHEET 29
DESIGNED BY:		
CHECKED BY:		
PROJECT NUMBER	T0601479	OF 40 SHEETS

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

$TIME$
$FILE$
$DATE$

PLOT DATE = ◊DATE◊
FILE NAME = ◊FILE◊
PLOT SCALE = ◊SCALE◊
USER NAME = ◊USER◊

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

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

45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50

665

660

660.99

EXIST. ROW

1.63 %

0.51

660

4+02.23

660.99

2.00%

2.00%

660

4+00.00 660

661.95

7.70 %

2.00 %

2.00%

660

3+85.52 660

665

660.99

EXIST. ROW

2.00%

0.78 %

0.78 %

2.00%

4:1

660

657.09

3+50.00

660.99

2.00%

0.02 %

0.02 %

2.00%

4:1

660

3+10.00

45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50

CONTRACT NO. 92763

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9171	00000021QIEX	ST. CLAIR	90	32

STA. 3+60.00 TO STA. 4+82.23

ILLINOIS FED. AID PROJECT

IDOT ROAD DIST. NO.

CONTRACT NO. 97263

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3121	00-00007.01PV	ST. CLAIR	40	31

STA. 4+50.00 TO STA. 5+68.00

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

FINAL SURVEY NOTE BOOK NO.

SURVEYED PLOTTED TOPO PLOTTED AREAS AREAS CHECKED BY DATE

ORIGINAL SURVEY NOTE BOOK NO.

SURVEYED PLOTTED TOPO PLOTTED AREAS AREAS CHECKED BY DATE

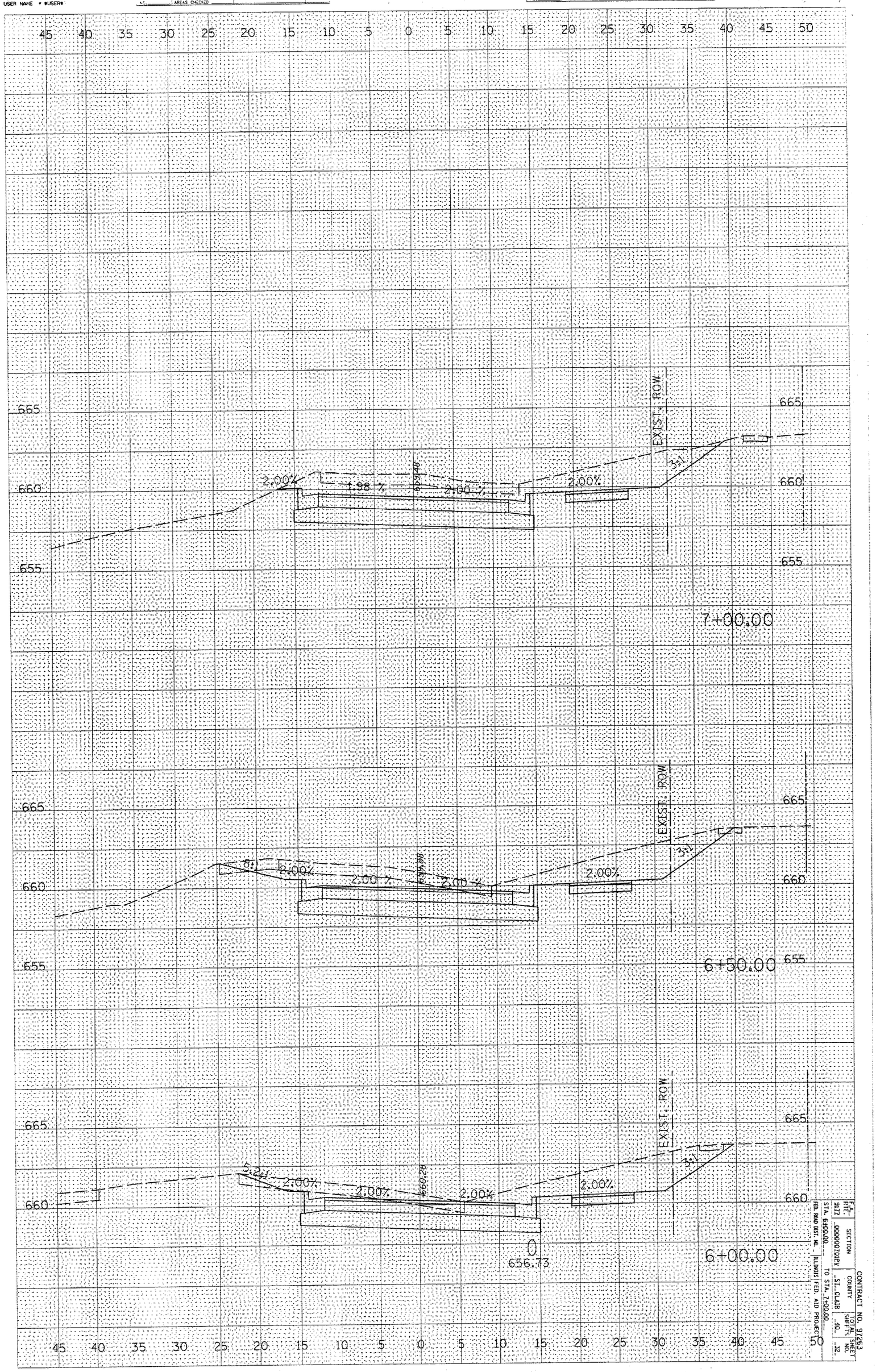
PLOT DATE = #DATE#
FILE NAME = #FILE#
PLOT SCALE = #SCALE#
USER NAME = #USER#

5+68.00
5+50.00
5+00.00
4+93.00
4+50.00
EXIST. ROW
660.54
660.68
660.98
661.01
661.08
656.59
656.44
2.00%
1.78 %
3.67 %
6.66%
9.41
0
5
10
15
20
25
30
35
40
45
50
655
660
665

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$

SURVEY	SURVEYED	PLOTTED
NOTE BOOK	TEMPLATE	
NO.	AREAS	
	AREAS CHECKED	

SURVEY	SURVEYED	PLOTTED
NOTE BOOK	TEMPLATE	
NO.	AREAS	
	AREAS CHECKED	

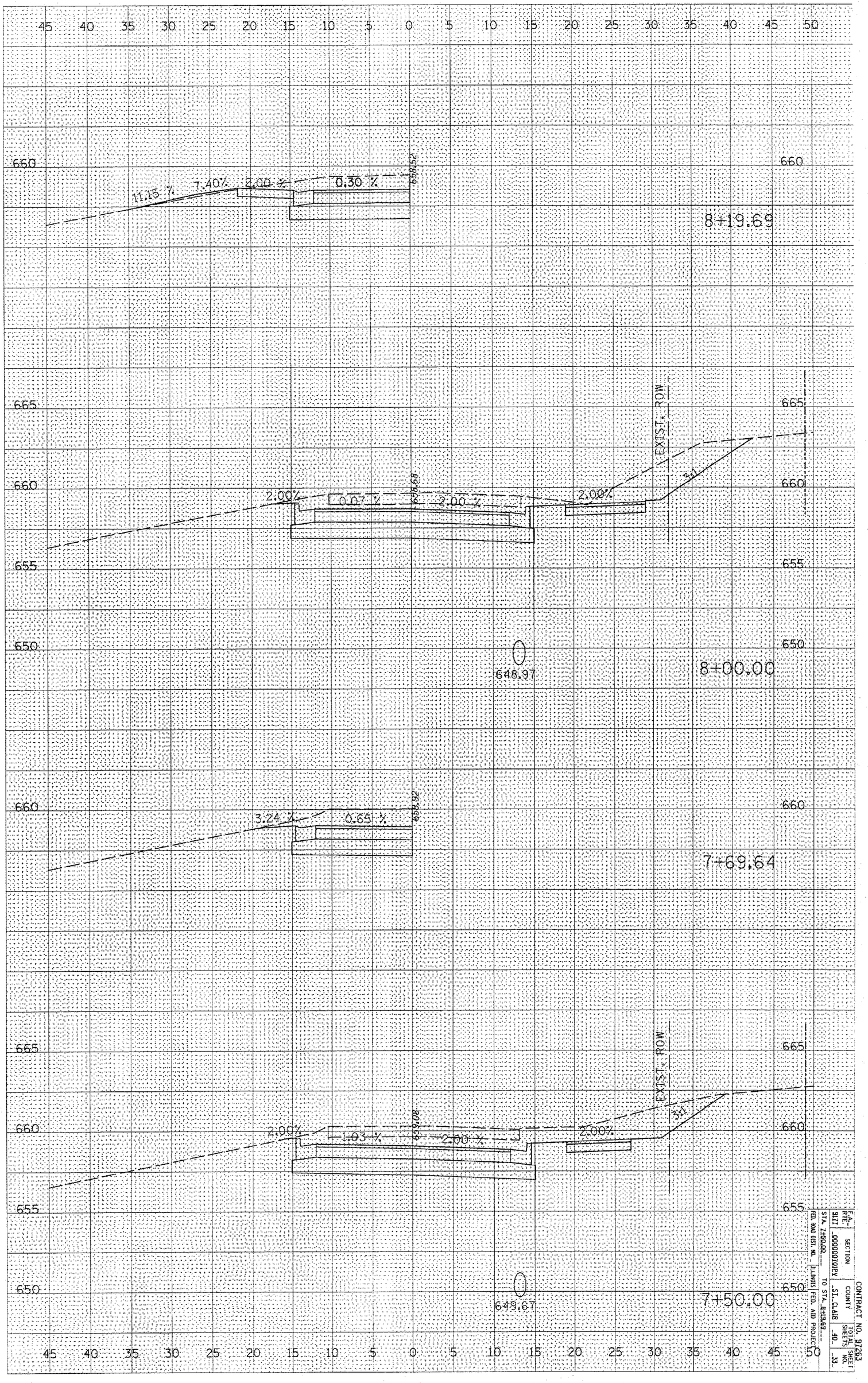


F.A.P. RTE. 9172	SECTION .000000702EV	CONTRACT NO. 92563
STA. 6+950.00	COUNTY ST. CLAIR	TOTAL SHEETS 90
FED. ROAD DIST. NO.	TO STA. 1+500.00	SHEET NO. 32
ILLINOIS	FED. AID PROJECT	

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$

SURVEY	SURVEYED
	PLOTTED
NOTE BOOK	TEMPLATE
	AREAS
NO.	AREAS CHECKED

SURVEY	SURVEYED
	PLOTTED
NOTE BOOK	TEMPLATE
	AREAS
NO.	AREAS CHECKED



F.A. RTE.	SECTION				CONTRACT NO. 97263
9127	-0000000101EV	COUNTY			TOTAL SHEETS 101
STA. 7+50.00		ST. CLAIR			NO. 33
TO STA. 8+19.69		ILLINOIS	FED. AID PROJECT		
FED. ROAD DIST. NO.					

CONTRACT NO. 97263

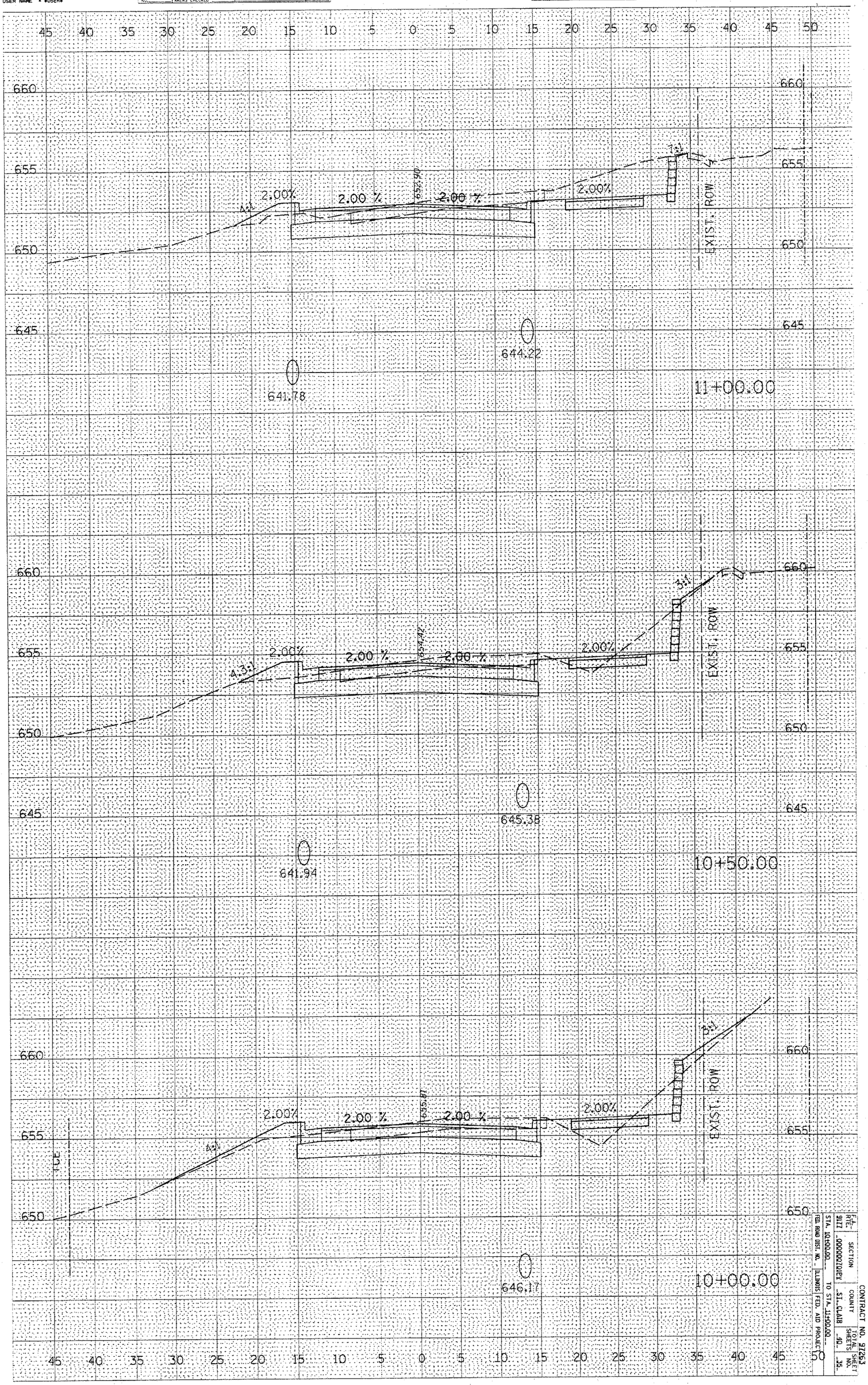
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9177	0000000701EV	ST. CLAIR	40	34
STA. 8+50.00		TO STA. 9+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

8+50.00
9+00.00
9+50.00
EXIST. ROW
2.00%
4:1
3:1
656.92
648.28
647.57
646.87
PLOT DATE = #DATE#
FILE NAME = #FILE#
PLOT SCALE = #SCALE#
USER NAME = #USER#

PLOT DATE = *DATE*
FILE NAME = *FILE1*
PLOT SCALE = *SCALE*
USER NAME = *USER*

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

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

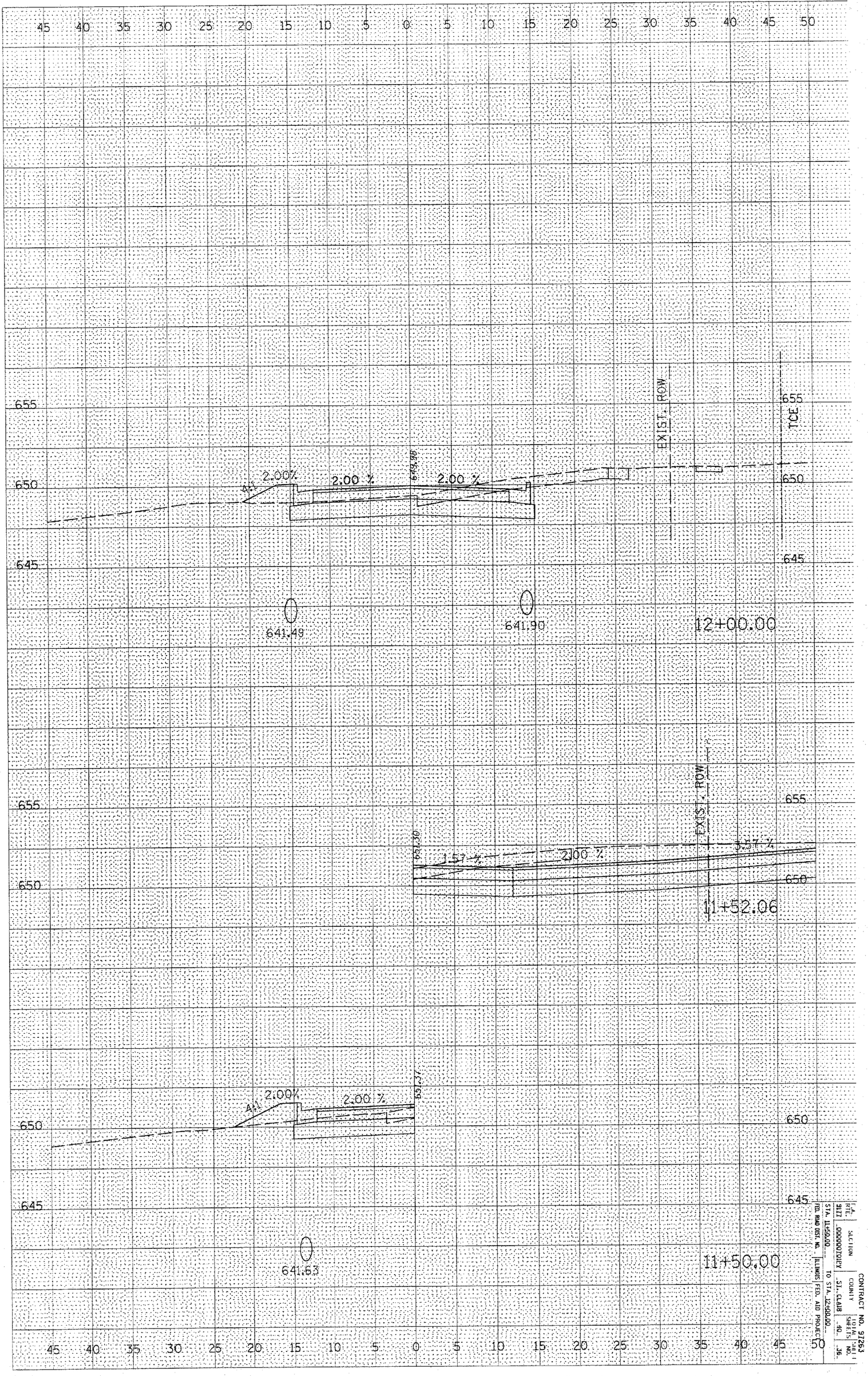


FAP RTE. 9172	SECTION .00000(2)QEV	CONTRACT NO. 91253	
STA. 4+74.00	COUNTY ST. CLAIR	TOTAL SHEETS NO. 40	SHEET NO. 35
TED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
TO STA. 14+50.00			

PLOT DATE = #DATE#
FILE NAME = #FILELE#
PLOT SCALE = #SCALE#
USER NAME = #USER#

SURVEY	SURVEYED
NOTE BOOK	PLOTTED
	TEMPLATE
NO.	AREAS
	AREAS CHECKED

SURVEY	PLOTTED
NOTE BOOK	TEMPLATE
	AREAS
NO.	AREAS CHECKED



RTE.	SECTION	COUNTY	TOTAL SHEETS	SHT. NO.
9127	00000QUIXEY	STA. GL648	90	35

STA. 11+50.00 TO STA. 12+50.00
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

CONTRACT NO. 92263

CONTRACT NO. 97263

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9177	0000007019PV	ST. CLAIR	40	37
STA. 12+50.00		TO STA. 13+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

JOINTLY
NOTE BOOK
NO.

PLOTTED
TEMPLATE
REVISED
AREAS CHECKED

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USERNM$

CONTRACT NO. 97263

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9122	0000007019PV	ST. CLAIR	40	38

STA. 14+00.00 TO STA. 15+00.00

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

15+00.00
14+90.99
14+50.00
14+00.00
EXIST. ROW
EXIST. ROW
EXIST. ROW
646.27
646.37
646.71
647.11
638.10
638.31
640.91
7.00 %
2.00 %
2.00 %
2.00 %
2.00 %
2.00 %
0.60 %
TCE
TCE
645
650
640
0
5
10
15
20
25
30
35
40
45
50

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

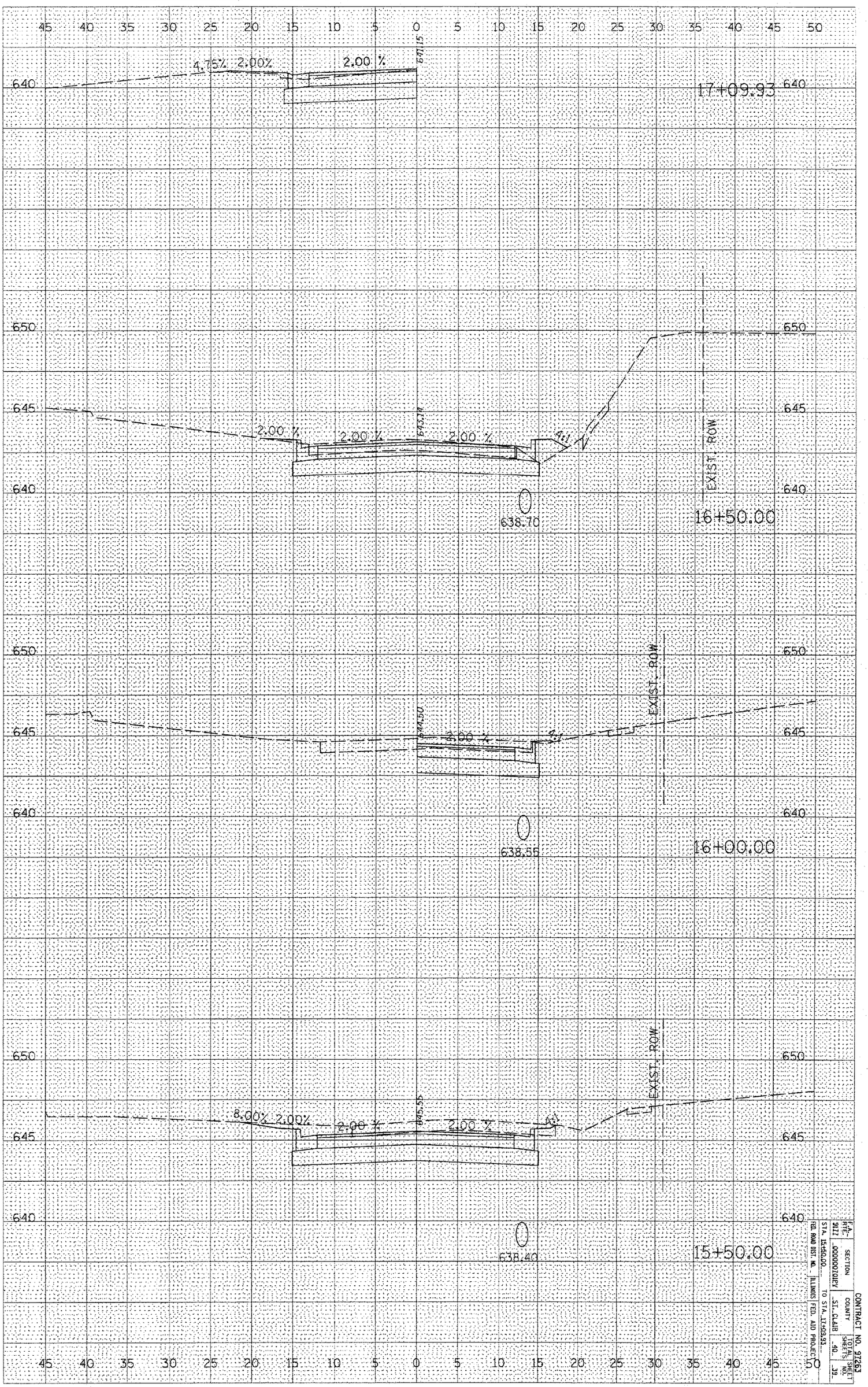
ORIGINAL SURVEY	SURVEYED	DATE
	PLOTTED	
NOTE BOOK	TEMPLATE	
NO.	AREAS	
	AREAS CHECKED	

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$

PLOT DATE = ⊕DATE⊕
FILE NAME = ⊕FILE⊕
PLOT SCALE = ⊕SCALE⊕
USER NAME = ⊕USER⊕

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

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



CONTRACT NO. 92763

F.A. RTE.	SECTION	COUNTY	SHEET TOTAL SHEETS	SHEET NO.
9122	00000(2)QIDV	ST. CLAIR	40	39

STA. 15+50.00 TO STA. 17+09.93
RTE. ROAD DIST NO. ILLINOIS FED. AID PROJECT

PLOT DATE = $DATE$
FILE NAME = $FILE$
PLOT SCALE = $SCALE$
USER NAME = $USER$

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

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

45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50

645

640

EXIST. ROW

3.11%

2.00%

2.00 %

639.80

17+50.00

640.17

2.00 %

2.00 %

5.64 %

17+11.47

640

45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50

CONTRACT NO. 91261

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9172	.00000(2)02PV	ST. CLAIR	40	40

STA. 12+41.47 TO STA. 17+50.00

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