

FOR UTILITY LOCATION PURPOSES, THIS PROJECT IS LOCATED IN NE. QUARTER OF SECTION 12, TOWNSHIP 13 SOUTH, RANGE 2 WEST OF THE FOURTH PRINCIPAL MERIDIAN.

UTILITY INFORMATION CAN BE OBTAINED BY CALLING J.U.L.E. AT (800) 892-0123

THE FOLLOWING UTILITY COMPANIES HAVE FACILITIES WITHIN THE LIMITS OF THIS PROJECT:

*VILLAGE OF BRUSSELS
131 E. MAIN STREET
P.O. BOX 67
BRUSSELS, IL 62013

*FRONTIER COMMUNICATIONS
301 S. WASHINGTON
JERSEYVILLE, IL 62052
(618) 498-1700

*AMEREN CIPS
1900 W. LAFAYETTE AVE.
JACKSONVILLE, IL 62650
(217) 479-5208

STATE OF ILLINOIS 04-24-2015 LETTING ITEM 185

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

FEDERAL AID HIGHWAY

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00001-01-PV	CALHOUN	39	1
FEDERAL AID PROJECT		CONTRACT NO. 97569	

MAIN STREET (COUNTY HIGHWAY NO.1 EXTENSION) - PHASE 1

SECTION-09-00001-01-PV
FAS ROUTE 754
PROJECT HPP-4099 (002)
VILLAGE OF BRUSSELS, ILLINOIS
CALHOUN COUNTY
JOB C-98-363-09

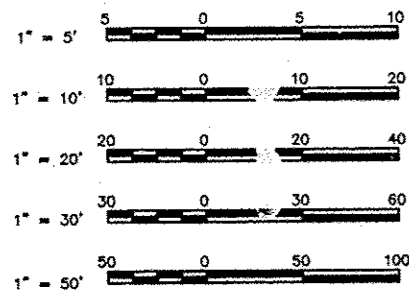
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HIGHWAY STANDARDS

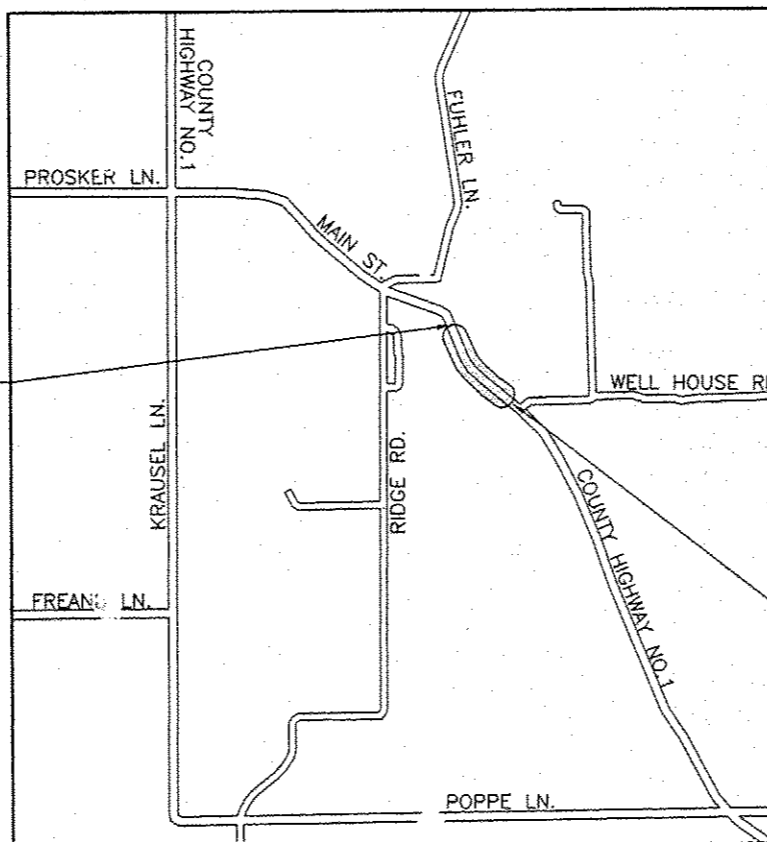
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542546-01	701006-05
601001-04	701301-04
602301-04	701501-06
602306-03	701801-05
602401-03	701901-04
602601-03	720001-01
602701-02	720006-04
604001-04	728001-01
604006-05	780001-05
	LR 14-11

SCALES



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.

FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
DESIGN SPEED = 30 M.P.H.



LOCATION MAP

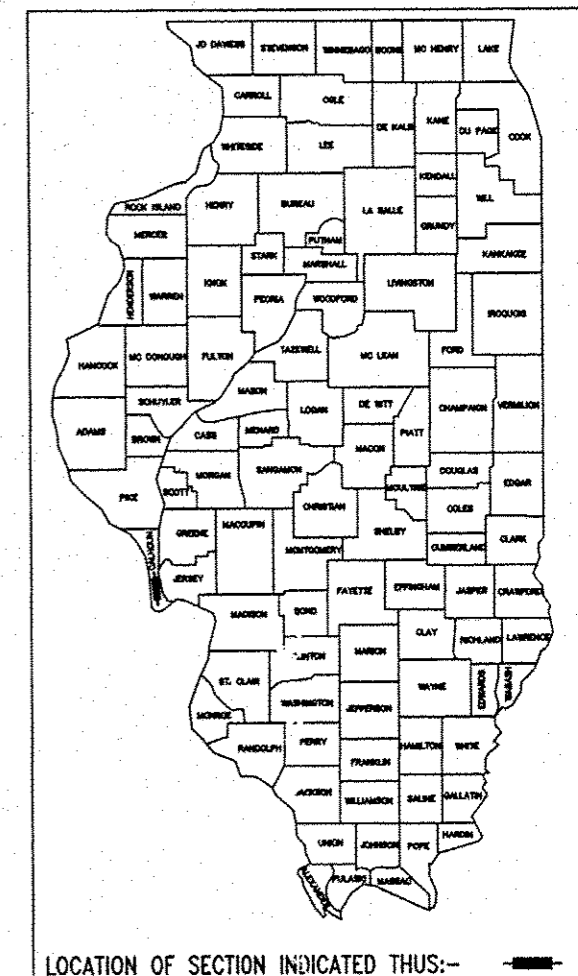
NOT TO SCALE

LENGTH OF PROJECT = 1,177.50 FEET = 0.223 MILES



Sheppard Morgan & Schwaab, Inc.
CONSULTING ENGINEERS & LAND SURVEYORS
215 Market Street
Alton, Illinois 62002
P.O. Box E
618/482-9765

10 Central Industrial Dr
Suite 3
Northgate Center
Granite City, IL 62040
618/877-8700



LOCATION OF SECTION INDICATED THUS:—

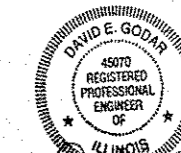
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED: Feb 18 2015
Bruce Pohlman
VILLAGE: PRESIDENT BRUCE POHLMAN

PASSED: MARCH 5 2015
Lora S. Renshaw
DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED UPON LIMITED
REVIEW: 3-5 2015
Jeffrey Keirn
JEFFREY KEIRN, P.E.
DEPUTY DIRECTOR OF HIGHWAYS
REGION FIVE ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS



David E. Godar

DATE SIGNED 2/18/15
EXPIRATION DATE 11/30/15

STANDARD SYMBOL LEGEND

STANDARD LINE TYPE LEGEND

GENERAL NOTES

EXISTING

- EXISTING GUY POLE - -○-
- EXISTING LIGHT POLE - -X-
- EXISTING POWER POLE - -○-
- EXISTING TELEPHONE POLE - -○-
- EXISTING GUY WIRE - -
- EXISTING TRANSMISSION TOWER - □
- EXISTING ELECTRIC SPLICE BOX - □^E
- EXISTING TELEPHONE SPLICE BOX - □^T
- EXISTING CABLE SPLICE BOX - □^{TV}
- EXISTING WATER HYDRANT - ⚡
- EXISTING GAS METER - Ⓞ
- EXISTING WATER METER - Ⓞ
- EXISTING WATER VALVE - Ⓞ
- EXISTING GAS VALVE - Ⓞ
- EXISTING FIRE HYDRANT - Ⓞ^{FH}
- EXISTING SANITARY MANHOLE TOP - Ⓞ
- EXISTING STORM MANHOLE TOP - ○
- EXISTING TELEPHONE MANHOLE TOP - ○
- EXISTING SANITARY CLEAN OUT - Ⓞ
- CONTROL POINT - △^{XXX}
- BENCHMARK -
- TEST PIT / NUMBER - ○^{T.P.# X}
- BORING / NUMBER - ○^{B.# X}
- RIGHT-OF-WAY MARKER - Ⓞ^{MON}
- AXLE FOUND - ○^{AXLE}
- BOLT FOUND - ○^{BOLT}
- CHISELED "X" FOUND - -X-
- PIN FOUND - ○^{IP}
- PINCH PIPE FOUND - ○^{IP}
- PK NAIL FOUND - ○^{PK}
- RAILROAD SPIKE FOUND - ○^{RR}
- STONE FOUND - □^{STONE}
- BRASS MONUMENT FOUND - ○^{MON}
- IRON PIPE FOUND - ○^{IP}
- MONUMENT FOUND - □^{MON}
- REBAR FOUND - ○^{RBR}
- EXISTING MAILBOX - □
- EXISTING FENCE POST - □
- EXISTING GATE POST - □
- EXISTING FLAG POLE - ○
- EXISTING GUARD POST - ○^{GP}
- EXISTING ADVERTISING SIGN - □
- EXISTING TRAFFIC SIGN - □
- EXISTING PARKING METER - Ⓞ
- EXISTING RAILROAD MILE POST - □^{MP}
- EXISTING RAILROAD SIGNAL CONTROLLER - □
- EXISTING RAILROAD CROSSING GATE - □
- EXISTING TRAFFIC SIGNAL - □
- EXISTING TRAFFIC SIGNAL CONTROLLER - □
- EXISTING HANDHOLE - □
- EXISTING DOUBLE HANDHOLE - □
- EXISTING MAST ARM BASE - ○
- EXISTING DECIDUOUS TREE / SIZE - ○^{XX"}
- EXISTING EVERGREEN TREE / SIZE - ○^{XX"}
- EXISTING STUMP / SIZE - □^{XX"}
- EXISTING BUSH - ○
- EXISTING SHRUB - ○
- EXISTING TREE TO BE REMOVED - ○^{XX"}

PROPOSED

- PROPOSED GUY POLE - -○-
- PROPOSED LIGHT POLE - -X-
- PROPOSED POWER POLE - -○-
- PROPOSED TELEPHONE POLE - -○-
- PROPOSED GUY WIRE - -
- PROPOSED TRANSMISSION TOWER - □
- PROPOSED ELECTRIC SPLICE BOX - □^E
- PROPOSED TELEPHONE SPLICE BOX - □^T
- PROPOSED CABLE SPLICE BOX - □^{TV}
- PROPOSED WATER HYDRANT - ⚡
- PROPOSED GAS METER - Ⓞ
- PROPOSED WATER METER - Ⓞ
- PROPOSED WATER VALVE - Ⓞ
- PROPOSED GAS VALVE - Ⓞ
- PROPOSED FIRE HYDRANT - Ⓞ^{FH}
- PROPOSED SANITARY MANHOLE TOP - Ⓞ
- PROPOSED STORM MANHOLE TOP - ○
- PROPOSED TELEPHONE MANHOLE TOP - ○
- PROPOSED SANITARY CLEAN OUT - Ⓞ
- PROPOSED MAILBOX - □
- PROPOSED GUARD POST - □^{GP}
- PROPOSED ADVERTISING SIGN - □
- PROPOSED TRAFFIC SIGN - □
- PROPOSED RAILROAD MILE POST - □^{MP}
- PROPOSED RAILROAD SIGNAL CONTROLLER - □
- PROPOSED RAILROAD CROSSING GATE - □
- PROPOSED TRAFFIC SIGNAL - □
- PROPOSED TRAFFIC SIGNAL CONTROLLER - □
- PROPOSED HANDHOLE - □
- PROPOSED DOUBLE HANDHOLE - □
- PROPOSED MAST ARM BASE - ○
- PROPOSED DECIDUOUS TREE / SIZE - ○^{XX"}
- PROPOSED EVERGREEN TREE / SIZE - ○^{XX"}
- PROPOSED BUSH - ○
- PROPOSED PLANT - *
- PROPOSED EDGE OF PAVEMENT ELEVATION - + 512.00 EP
- PROPOSED PAVEMENT ELEVATION - + 505.50 P
- PROPOSED CURB ELEVATION - + 550.25 TC
- PROPOSED SIDEWALK ELEVATION - + 515.15 SW
- PROPOSED FLOWLINE ELEVATION - + 501.58 FL
- * PROPOSED CURB RAMP - →
- * PROPOSED DETECTABLE WARNING - □
- * PROPOSED LANDING - L
- * PROPOSED PASSING SPACE - P

EXISTING FEATURES

- EXISTING CENTERLINE - - - - -
- EXISTING BASELINE - - - - -
- EXISTING RIGHT-OF-WAY - - - - -
- EXISTING SECTION LINE - - - - -
- EXISTING PROPERTY LINE - - - - -
- EXISTING EASEMENT - - - - -
- EXISTING SETBACK - - - - -
- EXISTING MAJOR CONTOUR - - - - - 500
- EXISTING MINOR CONTOUR - - - - - 501
- EXISTING DITCH - - - - -
- EXISTING POND, LAKE, BODY OF WATER, ETC. - - - - -
- EXISTING RAILROAD - - - - -
- EXISTING BRUSH / HEDGE / TREE LINE - - - - -
- EXISTING FENCE - - - - -
- EXISTING GUARDRAIL - - - - -
- EXISTING CULVERT - - - - -
- EXISTING STORM SEWER - - - - -
- EXISTING SANITARY SEWER - - - - -
- EXISTING FORCEMAIN - - - - -
- EXISTING WATER - - - - -
- EXISTING UNDERGROUND ELECTRIC - - - - -
- EXISTING GAS - - - - -
- EXISTING UNDERGROUND TELEPHONE - - - - -
- EXISTING FIBER OPTIC - - - - -
- EXISTING UNDERGROUND CABLE TV - - - - -
- EXISTING OVERHEAD TELEPHONE - - - - -
- EXISTING OVERHEAD ELECTRIC - - - - -
- EXISTING OVERHEAD CABLE TV - - - - -

PROPOSED FEATURES

- PROPOSED CENTERLINE - - - - -
- PROPOSED BASELINE - - - - -
- PROPOSED RIGHT-OF-WAY - - - - -
- PROPOSED LOT LINE - - - - -
- PROPOSED EASEMENT - - - - -
- PROPOSED CONSTRUCTION EASEMENT OR TEMPORARY USE PERMIT - - - - -
- PROPOSED SETBACK - - - - -
- PROPOSED MAJOR CONTOUR - - - - - 500
- PROPOSED MINOR CONTOUR - - - - - 501
- PROPOSED DITCH - - - - -
- PROPOSED POND, LAKE, BODY OF WATER, ETC. - - - - -
- PROPOSED RAILROAD - - - - -
- PROPOSED FENCE - - - - -
- PROPOSED GUARDRAIL - - - - -
- PROPOSED PERIMETER EROSION BARRIER - - - - -
- PROPOSED CULVERT - - - - -
- PROPOSED STORM SEWER - - - - -
- PROPOSED SANITARY SEWER - - - - -
- PROPOSED FORCEMAIN - - - - -
- PROPOSED WATER - - - - -
- PROPOSED UNDERGROUND ELECTRIC - - - - -
- PROPOSED GAS - - - - -
- PROPOSED UNDERGROUND TELEPHONE - - - - -
- PROPOSED FIBER OPTIC - - - - -
- PROPOSED UNDERGROUND CABLE TV - - - - -
- PROPOSED OVERHEAD TELEPHONE - - - - -
- PROPOSED OVERHEAD ELECTRIC - - - - -
- PROPOSED OVERHEAD CABLE TV - - - - -

1. THIS PROJECT SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2012 AND THE SPECIAL PROVISIONS OF THE PROJECT CONTRACT.
2. THE PLANS SHOW THE APPROXIMATE LOCATION OF KNOWN UTILITIES. BUT DO NOT SHOW HOUSE OR SERVICE CONNECTIONS. UTILITY INFORMATION PROVIDED IS BASED ON INFORMATION OBTAINED FROM UTILITY COMPANIES AND SHALL NOT BE CONSIDERED TO BE ACCURATE OR COMPLETE. THE CONTRACTOR SHALL USE ALL DUE PRECAUTION NOT TO DAMAGE OR DISTURB ANY UTILITIES AND THE ENTIRE COST OF MAKING REPAIRS TO, OR REPLACEMENT OF, ANY DAMAGED LINE WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
3. PROPOSED ELEVATIONS SHOWN ON THE PLANS AS +/- ARE APPROXIMATE. EXACT ELEVATIONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. IF APPLICABLE, ELEVATIONS SHALL BE DETERMINED PRIOR TO FABRICATION OF THE DRAINAGE STRUCTURES.
4. FOR SIMPLICITY, STORM SEWER LENGTHS SHOWN ON THE PLANS ARE FROM CENTER TO CENTER OF STRUCTURES. ACTUAL PIPE REQUIRED WILL BE LESS. MEASUREMENT FOR PAYMENT PURPOSES SHALL BE ACCORDING TO ARTICLE 550.09 OF THE STANDARD SPECIFICATIONS.
5. THE OFFSETS FOR ALL ROUND INLETS AND MANHOLES ARE GIVEN TO THE CENTER OF THE OPENING REQUIRED FOR THE FRAME AND GRATE OR LID THAT IS SPECIFIED. THE OFFSETS FOR ALL SQUARE BOX INLETS AND SQUARE FLUSH INLETS ARE GIVEN TO THE CENTER OF THE BASE OF THE STRUCTURE. OFFSETS FOR ALL CONCRETE FLARED END SECTIONS ARE GIVEN TO THE CENTER OF THE END OF THE END SECTION.
6. SEE THE TYPICAL SECTION SHEETS FOR TYPICAL SECTION NOTES.
7. SEE THE TRAFFIC CONTROL PLAN FOR TRAFFIC CONTROL NOTES.
8. SEE THE EROSION CONTROL PLAN FOR EROSION CONTROL NOTES.
9. PLAN QUANTITIES FOR HOT-MIX ASPHALT ITEMS WERE CALCULATED BASED ON USING 112 LBS. / SQ. YD. / IN.
10. CONCRETE PAVEMENT NOTES:
 - a. TRANSVERSE JOINTS SHALL BE SPACED AT 15 FEET MAXIMUM.
 - b. DOWEL BARS SHALL BE 1-1/2 INCH DIAMETER IN 8 INCH PAVEMENT AND 1-1/4 INCH DIAMETER IN 7 INCH PAVEMENT.
 - c. LONGITUDINAL JOINTS SHALL BE SEALED PER HIGHWAY STANDARD 420001.
 - d. TRANSVERSE JOINTS SHALL BE SEALED PER HIGHWAY STANDARD BLR-14.

ABBREVIATIONS

ADT	AVERAGE DAILY TRAFFIC	OL	OPEN LID
BK	BACK	PC	POINT OF CURVE
BM	BENCH MARK	PE	PRIVATE ENTRANCE
BVCE	BEGIN VERTICAL CURVE ELEVATION	PI	POINT OF INTERSECTION
BVCS	BEGIN VERTICAL CURVE STATION	PK	PK NAIL
C&G	CURB AND GUTTER	PP	POWER POLE
C/L	CENTER LINE	PRCF	PRECAST REINFORCED CONCRETE FLARED
CE	COMMERCIAL ENTRANCE	PT	POINT OF TANGENT
CI	CAST IRON	PVC	POINT OF VERTICAL CURVE
CL	CLOSED LID	R	RADIUS
CM	CONCRETE MONUMENT	RBR	REBAR
CMP	CORRUGATED METAL PIPE	RDMH	RESTRICTED DEPTH MANHOLE
CONC	CONCRETE	ROW	RIGHT OF WAY
CT	CRIMP TOP PIPE	RR	RAIL ROAD
CUYD	CUBIC YARD	RRPM	RAISED REFLECTIVE PAVEMENT MARKER
DE	DRAINAGE EASEMENT	RT	RIGHT
DIP	DUCTILE IRON PIPE	S	SOUTH
E	EAST	SE	SOUTHEAST
ELEV	ELEVATION	SL	SECTION LINE
EP	EDGE OF PAVEMENT	SS1	STORM SEWER TYPE 1
EQN STA	EQUATION STATION	SS2	STORM SEWER TYPE 2
ES	EDGE OF SHOULDER	SS3	STORM SEWER TYPE 3
FE	FIELD ENTRANCE	STA	STATION
FH	FIRE HYDRANT	SW	SOUTHWEST
FL	FLOW LINE	TB	TRENCH BACKFILL
FT	FOOT	TBR	TO BE REMOVED
FWD	FORWARD	TC	TOP OF CURB
GP	GUARD POST	TCE	TEMPORARY CONSTRUCTION EASEMENT
HDPE	HIGH DENSITY POLYETHYLENE	TPM	TEMPORARY PAVEMENT MARKING
HMA	HOT-MIX ASPHALT	TPPM	THERMOPLASTIC PAVEMENT MARKING
IP	IRON PIPE	TUP	TEMPORARY USE PERMIT
LT	LEFT	TY	TYPE
MON	MONUMENT	TYP	TYPICAL
MP	MILE PIPE	VC	VERTICAL CURVE
N	NORTH	VCP	VITRIFIED CLAY PIPE
NE	NORTHEAST	W	WEST
NW	NORTHWEST	WMA	WATER MAIN QUALITY
O&C	OIL AND CHIP		

COMMITMENTS

1. THE CEMETERY FENCE LOCATED ON THE RIGHT SIDE FROM STA. 50+20 TO STA. 53+96 SHALL NOT BE DISTURBED WITH THIS PROJECT.
2. UTILITY POLE RELOCATIONS SHALL NOT BE PLACED DIRECTLY IN FRONT OF BUILDINGS (AS REQUIRED BY THE IHPA).
3. CONTACT SHALL BE MADE WITH LOCAL EMERGENCY SERVICES, THE POST OFFICE AND SCHOOLS PRIOR TO THE BEGINNING OF CONSTRUCTION.
4. THE CONTRACTOR SHALL EXCAVATE AND PLACE 10 TONS OF RIPRAP AT THE DOWNSTREAM END OF THE EXISTING 10 INCH DRAIN DOWNSTREAM OF INLET 31. AS DIRECTED BY THE ENGINEER.

BENCHMARK INFORMATION

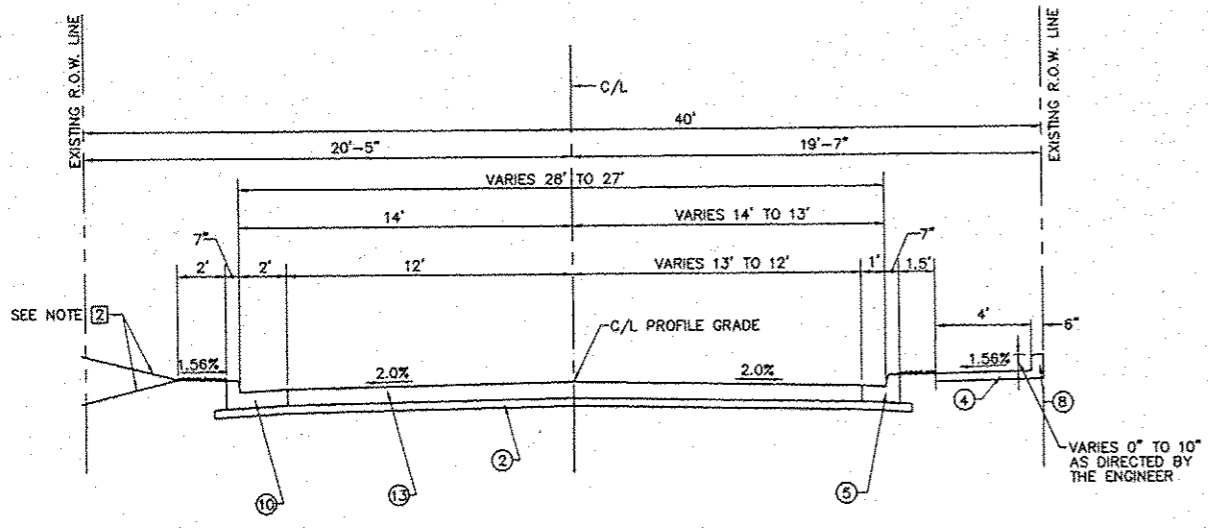
SITE BENCHMARK = "A"

SURVEY CONTROL POINTS			
VERTICAL CONTROL (BENCH MARKS)			
CONTROL POINT	LOCATION	ELEVATION	DESCRIPTION
BM "A"	STA. 66+03±, 93.9± LT.	480.37	CUT CROSS NE. CORNER OF CONCRETE. EAST OF MAIN ST. AND SOUTH OF WELL HOUSE RD.
BM "B"	STA. 60+04±, 75.9± RT.	525.14	CUT CROSS AT THE S.E. CORNER OF THE CONCRETE SIDEWALK AT THE BANK OF KAMPSVILLE
BM "C"	STA. 57+12±, 108.1± LT.	512.35	CUT CROSS AT THE N.W. CORNER OF CONCRETE BARN ENTRANCE. N.E. OF THE WITMOND HOTEL.
BM "D"	STA. 52+51±, 46.4± RT.	531.59	CUT CROSS AT THE S.E. CORNER OF CONCRETE WALK ON THE SOUTH SIDE OF THE BUILDING AT "BLISS BAKE SHOPPE", 145 MAIN ST.
BM "E"	STA. 48+80±, 39.6± RT.	529.38	N.E. CORNER OF CONCRETE AT THE FLAG POLE IN FRONT OF VILLAGE HALL 131 MAIN ST.

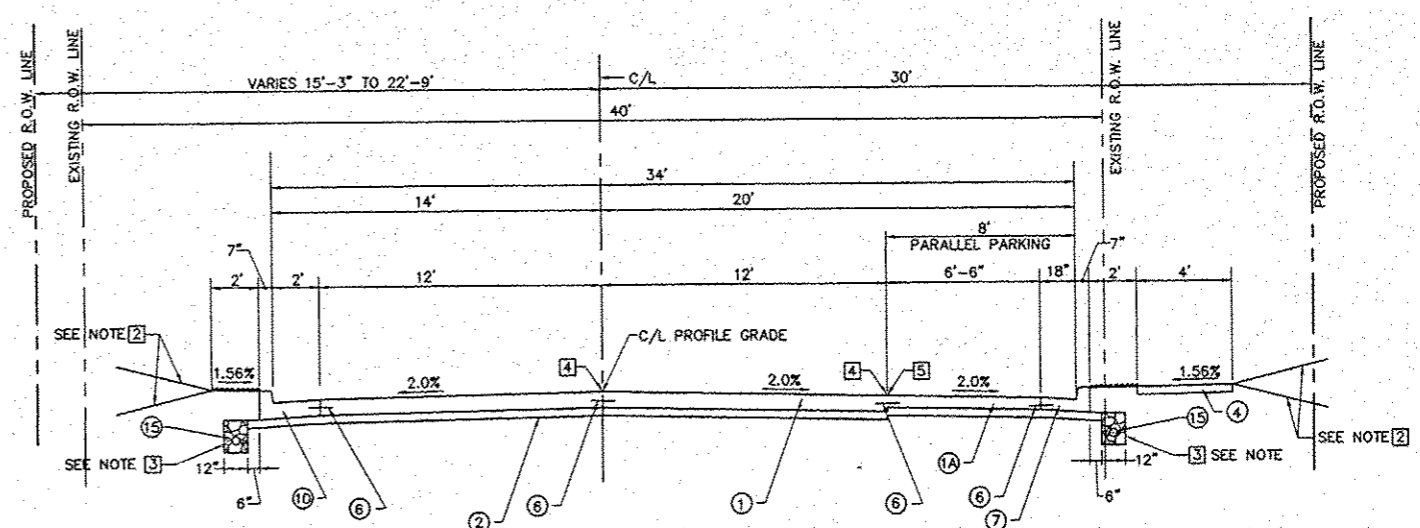
HORIZONTAL CONTROL				
CONTROL POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP #1	830033.0610	2178296.0760	491.37*	TOP OF CUT CROSS
CP #2	830345.4710	2177805.0240	522.93*	REBAR WITH SMS CAP
CP #3	830992.3520	2177409.5220	530.17*	REBAR WITH SMS CAP
CP #4	830204.7116	2176651.0525	518.78*	REBAR WITH SMS CAP
CP #5	831445.9460	2177001.2960	522.33*	REBAR WITH SMS CAP

* ELEVATIONS SHOULD BE CHECKED FROM A BENCHMARK.

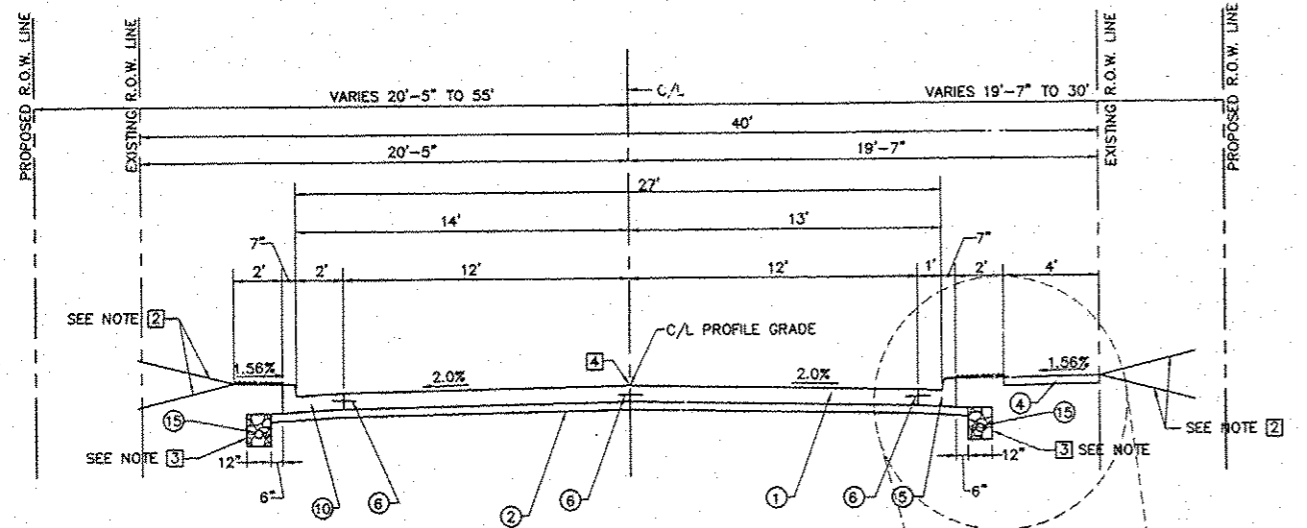
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 DESIGN FIRM # 184-000992
SMS ENGINEERS
 VILLAGE OF BRUSSELS, ILLINOIS
 SECTION 09-00001-01-PV
 MAIN STREET (CO. HWY. NO.1 EXT.) - PHASE 1
 GENERAL NOTES, LEGENDS & CONTROL POINTS
 CONTRACT NO. 97569
 BRUSSELS MAIN ST LEGEND.DWG
 REF. BK PG
 JOB NO. 217880.2
 DSN. BY:
 DWN. BY: CDP
 CHK. BY:
 DATE: FEBRUARY, 2015
 SCALE: NONE
 SHEET 2 OF 39



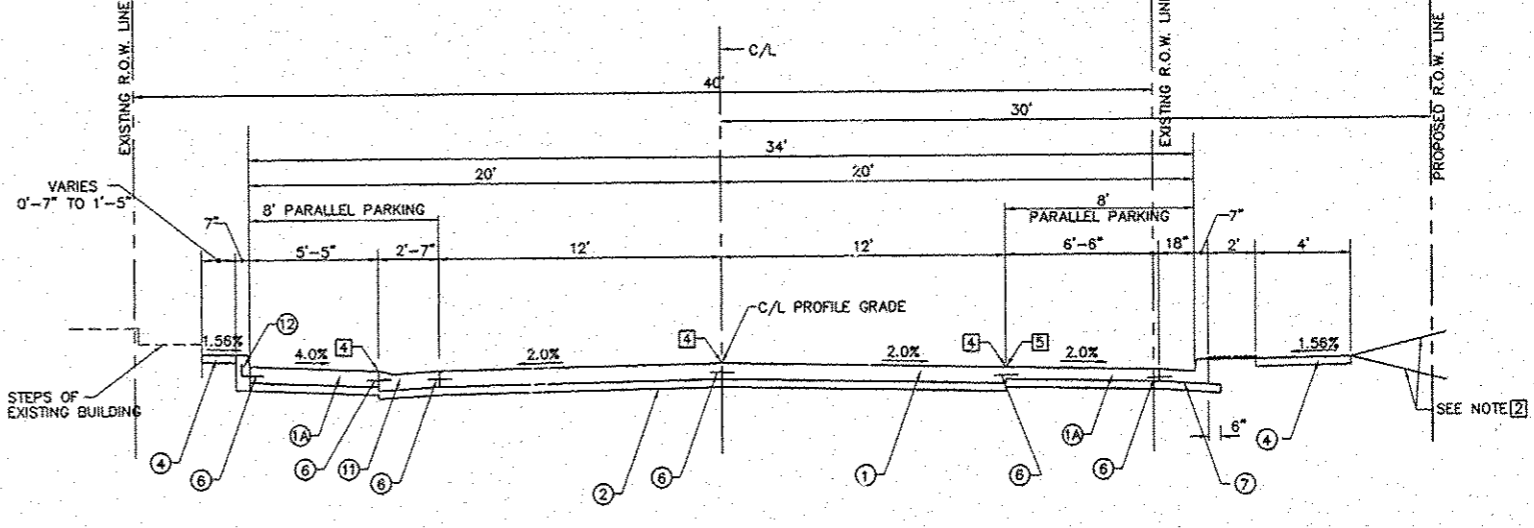
**PROPOSED TYPICAL SECTION
MAIN STREET
STA. 51+00 TO STA. 51+25**



**PROPOSED TYPICAL SECTION
MAIN STREET
STA. 57+35.31 TO STA. 58+23.42
STA. 59+39 TO STA. 61+05.75**



**PROPOSED TYPICAL SECTION
MAIN STREET
STA. 51+25 TO STA. 57+35.31**



**PROPOSED TYPICAL SECTION
MAIN STREET
STA. 58+23.42 TO STA. 59+39**

PAVING LEGEND

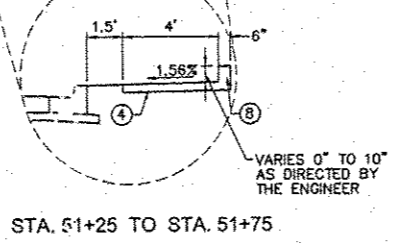
- ① PORTLAND CEMENT CONCRETE PAVEMENT 8"
- ①A PORTLAND CEMENT CONCRETE PAVEMENT 7" - AT THE CONTRACTOR'S OPTION 8" PAVEMENT MAY BE PROVIDED IN LIEU OF 7" PAVEMENT
- ② SUB-BASE GRANULAR MATERIAL, TYPE A (4")
- ③ NOT USED
- ④ PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
- ⑤ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑥ EPOXY COATED #8 TIE BARS SEE NOTE ①
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑧ PORTLAND CEMENT CONCRETE SIDEWALK CURB
- ⑨ NOT USED
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑪ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 W / DEPRESSED CURB
- ⑫ CONCRETE CURB, TYPE B
- ⑬ INCIDENTAL HOT-MIX ASPHALT SURFACING (8")
- ⑭ NOT USED
- ⑮ PIPE UNDERDRAINS 4"

TYPICAL SECTION NOTES

- ① THE BARS THAT ARE PLACED IN CONCRETE SHALL BE 30" LONG AT 30" CENTERS. THE BARS THAT ARE DRILLED AND GROUTED SHALL BE 24" LONG AT 24" CENTERS. THE BARS SHALL BE EPOXY COATED. THE BARS IN CONCRETE CURB, TYPE B SHALL BE "L" BARS ROTATED TO PROVIDE 3" OF CLEARANCE.
- ② SEE CROSS SECTIONS FOR GRADING. TYPICAL SLOPE IS 4:1. MAXIMUM SLOPE IS 3:1.
- ③ SEE PIPE UNDERDRAINS SCHEDULE FOR LOCATIONS OF PIPE UNDERDRAINS. OUTLET PIPE UNDERDRAINS TO STORM SEWER INLETS. SEE SHEET 6 FOR DETAIL.
- ④ JOINT TO BE SAWED AND SEALED
- ⑤ THE TIE BAR MAY BE OMITTED IF THE PARKING LANE IS POURED INTEGRAL WITH THE PAVEMENT

MIX DESIGNS	
MIXTURE USE	INCIDENTAL
AC/PG	PG 64-22
MAX. RAP%	*
DESIGN AIR VOIDS	4% @ NDES=70
MIX COMPOSITION (GRADATION MIXTURE)	-----
FRICTION AGG.	MIX C

* SEE SPECIAL PROVISIONS



REVISIONS

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DESIGN FIRM # 184-000992

VILLAGE OF BRUSSELS, ILLINOIS
SECTION 09-00001-01-PV
MAIN STREET (CO. HWY. NO.1 EXT.) - PHASE 1
PROPOSED TYPICAL SECTIONS

CONTRACT NO. 97569

2015 BRUSSELS TYPICALS.DWG
REF. BK. PG.
JOB NO. 217880.2
DSN. BY: DEG
OWN. BY: CDP
CHK. BY: DEG
DATE: FEBRUARY, 2015

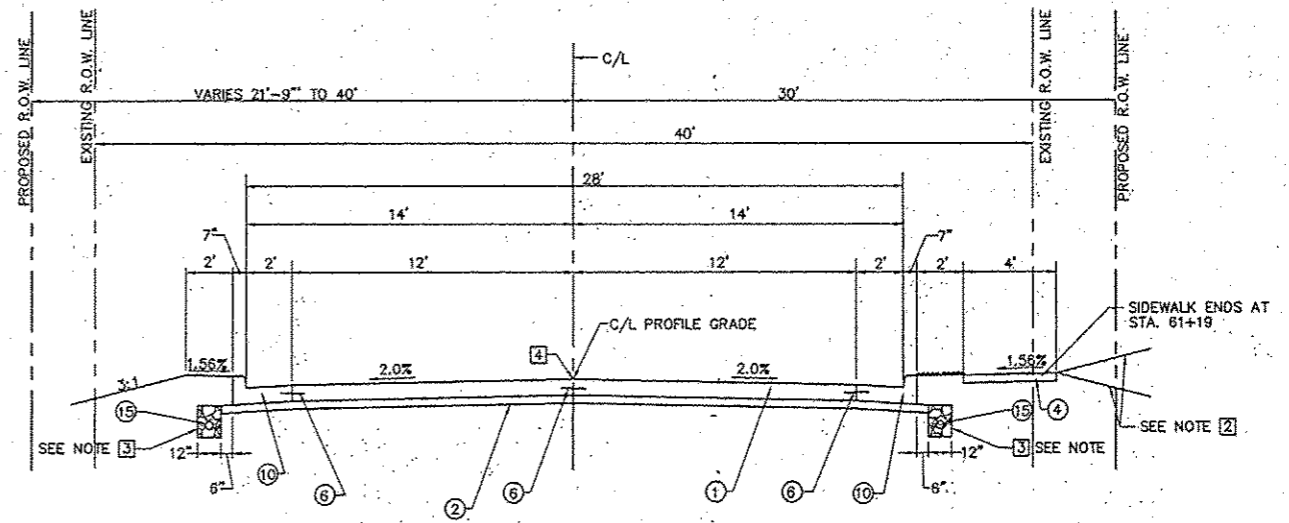
SCALE: N.T.S.
SHEET 5 OF 39

PAVING LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 8"
- ①A PORTLAND CEMENT CONCRETE PAVEMENT 7" - AT THE CONTRACTOR'S OPTION 8" PAVEMENT MAY BE PROVIDED IN LIEU OF 7" PAVEMENT
- ② SUB-BASE GRANULAR MATERIAL, TYPE A (4")
- ③ NOT USED
- ④ PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
- ⑤ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑥ EPOXY COATED #6 TIE BARS SEE NOTE ①
- ⑦ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑧ PORTLAND CEMENT CONCRETE SIDEWALK CURB
- ⑨ NOT USED
- ⑩ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑪ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 W / DEPRESSED CURB
- ⑫ CONCRETE CURB, TYPE B
- ⑬ INCIDENTAL HOT-MIX ASPHALT SURFACING (8")
- ⑭ NOT USED
- ⑮ PIPE UNDERDRAINS 4"

TYPICAL SECTION NOTES

- ① TIE BARS THAT ARE PLACED IN CONCRETE SHALL BE 30" LONG AT 30" CENTERS. TIE BARS THAT ARE DRILLED AND GROUTED SHALL BE 24" LONG AT 24" CENTERS. TIE BARS SHALL BE EPOXY COATED. TIE BARS IN CONCRETE CURB, TYPE B SHALL BE "L" BARS ROTATED TO PROVIDE 3" OF CLEARANCE.
- ② SEE CROSS SECTIONS FOR GRADING. TYPICAL SLOPE IS 4:1. MAXIMUM SLOPE IS 3:1.
- ③ SEE PIPE UNDERDRAINS SCHEDULE FOR LOCATIONS OF PIPE UNDERDRAINS. OUTLET PIPE UNDERDRAINS TO STORM SEWER INLETS. SEE BELOW FOR DETAIL.
- ④ JOINT TO BE SAWS AND SEALED
- ⑤ THE TIE BAR MAY BE OMITTED IF THE PARKING LANE IS POURED INTEGRAL WITH THE PAVEMENT.



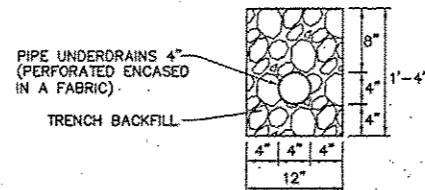
PROPOSED TYPICAL SECTION

MAIN STREET

STA. 61+05.75 TO STA. 62+77.50

MIX DESIGNS	
MIXTURE USE	INCIDENTAL
AC/PG	PG 64-22
MAX. RAP%	*
DESIGN AIR VOIDS	4% • NDES=70
MIX COMPOSITION (GRADATION MIXTURE)	----
FRICTION AGG.	MIX C

* SEE SPECIAL PROVISIONS



PIPE UNDERDRAIN DETAIL

NO.	DESCRIPTION

SMS Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box E, Alton, IL 62002 618462-9755 E-mail: mail@smsengineers.com
 10 Central Industrial Drive, Suite 3, Graysville, IL 62040 618877-8700 E-mail: mail@smsengineers.com
 DESIGN FIRM # 184-000992

VILLAGE OF BRUSSELS, ILLINOIS
 SECTION 09-00001-01-PV
 MAIN STREET (CO. HWY. NO.1 EXT.) - PHASE 1
 PROPOSED TYPICAL SECTIONS

CONTRACT NO.	97569
2015 BRUSSELS TYPICALS.DWG	
REF. BK	PG
JOB NO.	217880.2
DSN. BY:	DEG
DWN. BY:	CDP
CHK. BY:	DEG
DATE:	FEBRUARY, 2015
SCALE:	N.T.S.
SHEET	6 OF 39

DRAINAGE STRUCTURES

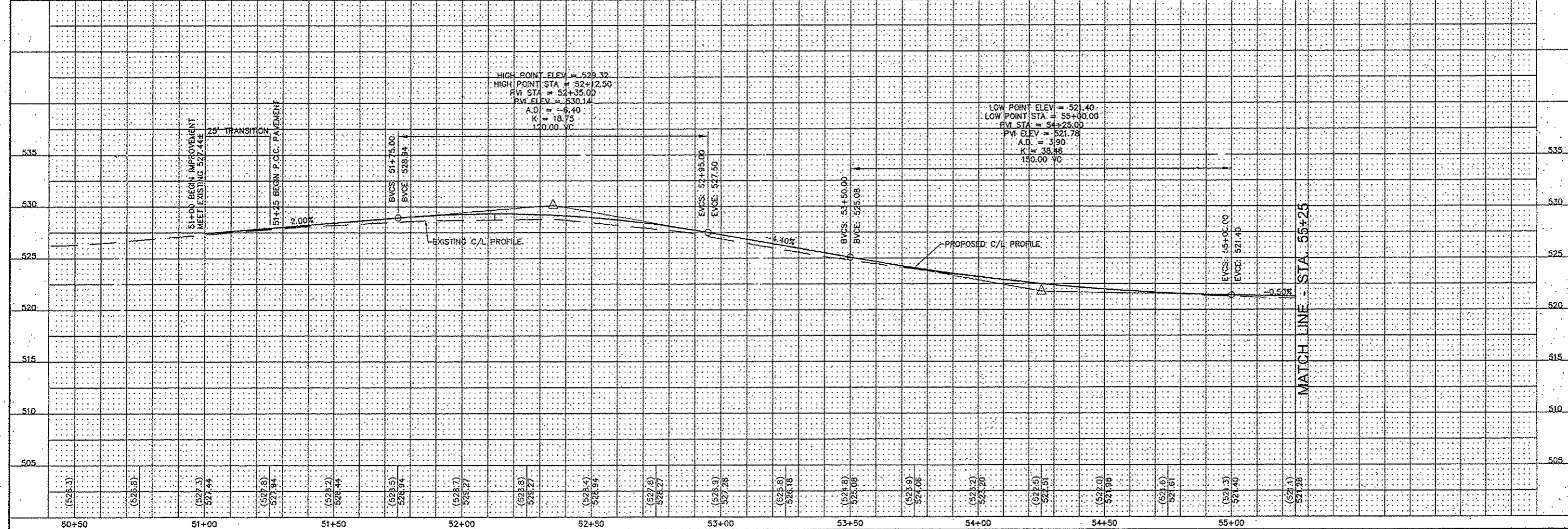
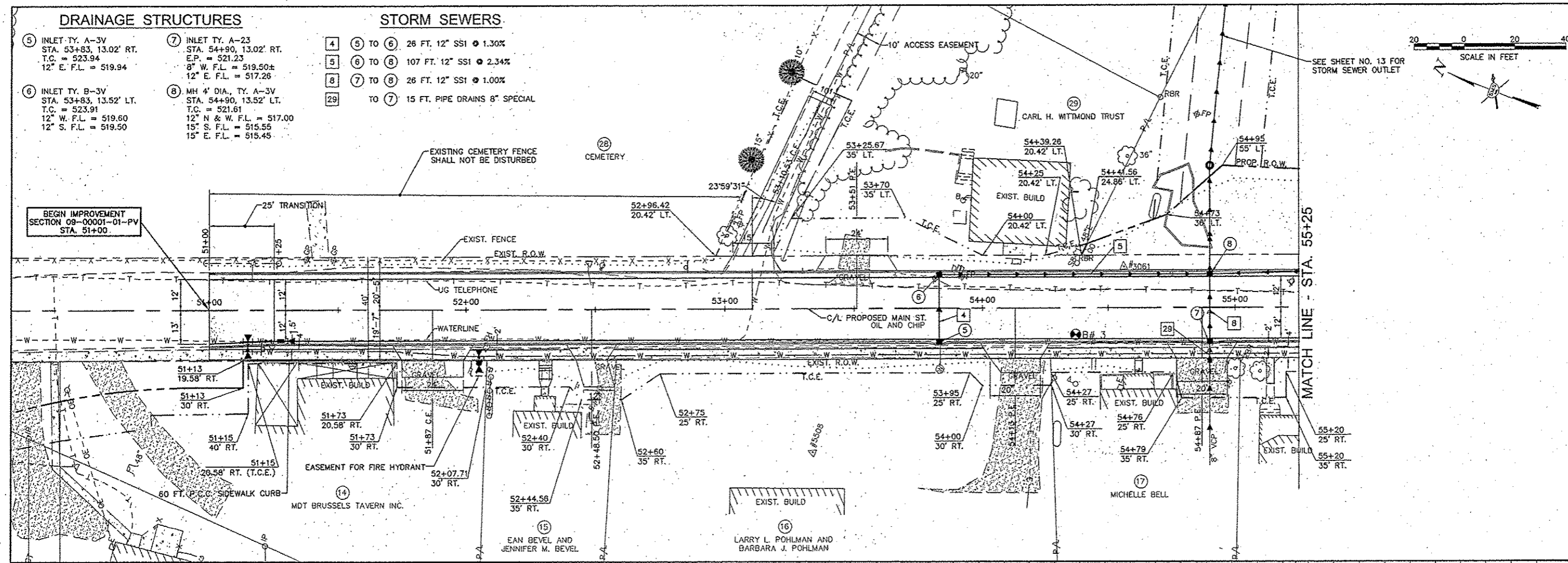
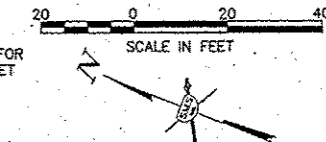
STORM SEWERS

⑤ INLET TY. A-3V
STA. 53+83, 13.02' RT.
T.C. = 523.94
12" E. F.L. = 519.94

⑦ INLET TY. A-23
STA. 54+90, 13.02' RT.
E.P. = 521.23
8" W. F.L. = 519.50±
12" E. F.L. = 517.26

④ ⑤ TO ⑥ 26 FT. 12" SSI @ 1.30%
⑤ ⑥ TO ⑧ 107 FT. 12" SSI @ 2.34%
⑧ ⑦ TO ⑧ 26 FT. 12" SSI @ 1.00%
②⑨ TO ⑦ 15 FT. PIPE DRAINS 8" SPECIAL

BEGIN IMPROVEMENT
SECTION 09-00001-01-PV
STA. 51+00.



REVISIONS

SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
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215 Market Street, P.O. Box E, Alton, IL 62002, 618462-9755, E-mail: ms@smsengineers.com
30 Central Industrial Drive, Suite 3, Graysville, IL 62040, 618877-8100, E-mail: ms@smsengineers.com
DESIGN FIRM # 184-000992

VILLAGE OF BRUSSELS, ILLINOIS
SECTION 09-00001-01-PV
MAIN STREET (CO. HWY. NO.1 EXT.) - PHASE 1
PLAN AND PROFILE

CONTRACT NO. 97569

2015 BRUSSELS PP SHEETS.DWG
REF. BK. PG.
JOB NO. 217889.2
RSN. BY:
DWN. BY: CDP
CHK. BY:
DATE: FEBRUARY, 2015

SCALE: 1"=20'

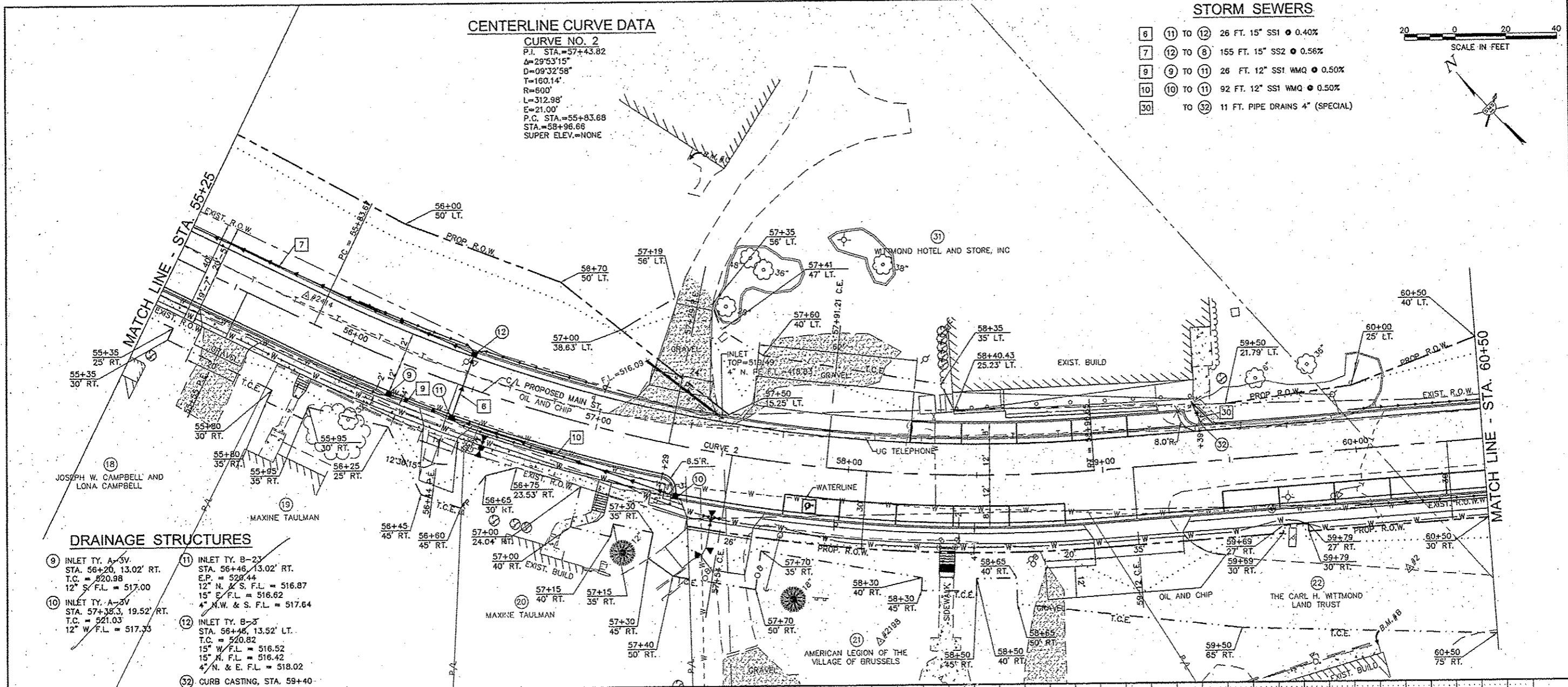
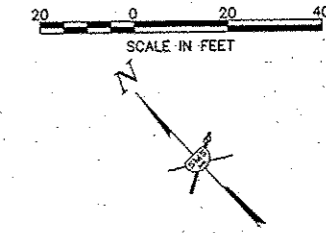
SHEET 8 OF 39

CENTERLINE CURVE DATA

CURVE NO. 2
 P.I. STA. = 57+43.82
 $\Delta = 29^{\circ}53'15''$
 $D = 09^{\circ}32'58''$
 $T = 160.14'$
 $R = 600'$
 $L = 312.98'$
 $E = 21.00'$
 P.C. STA. = 55+83.68
 STA. = 58+96.66
 SUPER ELEV. = NONE

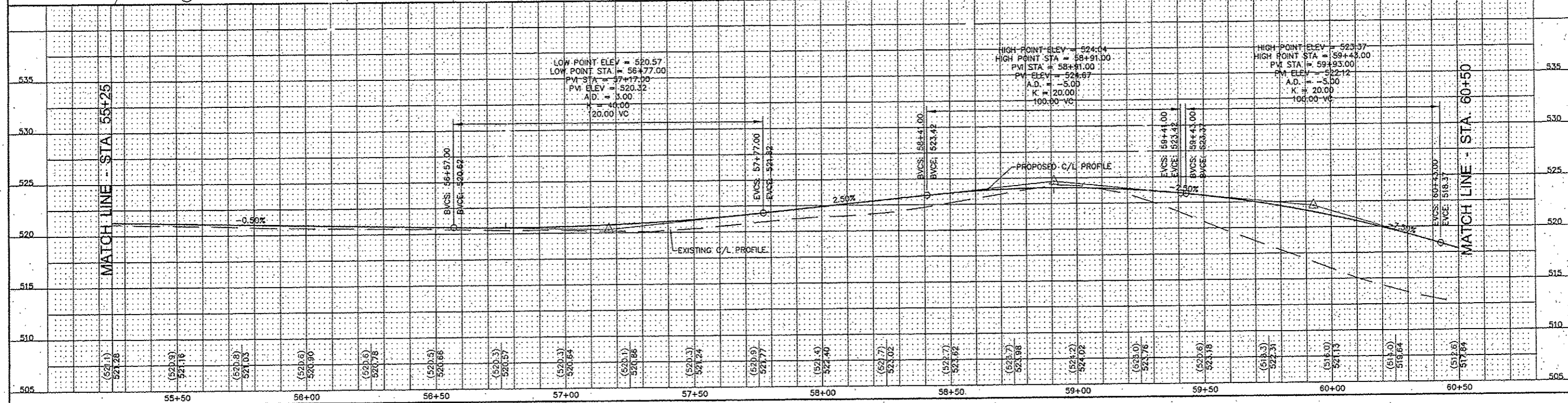
STORM SEWERS

- 6 TO 12 26 FT. 15" SS1 @ 0.40%
- 7 TO 8 155 FT. 15" SS2 @ 0.56%
- 8 TO 9 26 FT. 12" SS1 WMQ @ 0.50%
- 10 TO 11 92 FT. 12" SS1 WMQ @ 0.50%
- 30 TO 32 11 FT. PIPE DRAINS 4" (SPECIAL)



DRAINAGE STRUCTURES

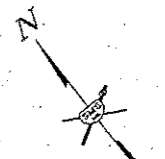
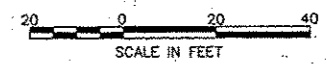
- 9 INLET TY. A-3V
 STA. 56+20, 13.02' RT.
 T.C. = 820.98
 12° W.F.L. = 517.00
- 10 INLET TY. A-3V
 STA. 57+35.3, 19.52' RT.
 T.C. = 821.03
 12° W.F.L. = 517.33
- 11 INLET TY. B-2T
 STA. 56+46, 13.02' RT.
 E.P. = 528.44
 12° N. & S.F.L. = 516.87
 15° E.F.L. = 516.62
 4° N.W. & S.F.L. = 517.64
- 12 INLET TY. B-3
 STA. 56+46, 13.52' LT.
 T.C. = 820.82
 15° W.F.L. = 516.52
 15° N.F.L. = 516.42
 4° N. & E.F.L. = 518.02
- 32 CURB CASTING, STA. 59+40



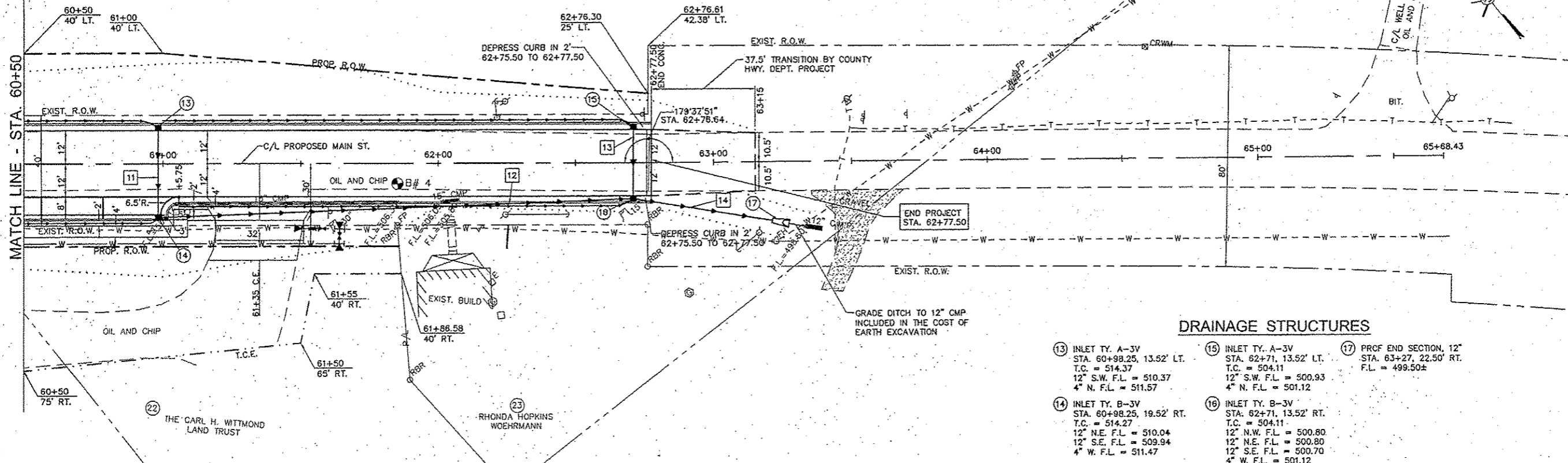
REVISIONS
SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Michalski Street, P.O. Box E, Alton, IL 62002, 618452-0155, E-mail: rml@smsengineers.com
 10 General Bicknell Drive, Suite 3, Granite City, IL 62040, 618377-8700, E-mail: rml@smsengineers.com
 DESIGN FIRM # 184-000992

VILLAGE OF BRUSSELS, ILLINOIS
 SECTION 09-00007-01-PV
 MAIN STREET (CO. HWY. NO.1 EXT.) - PHASE 1
 PLAN AND PROFILE

CONTRACT NO. 97569
 2018 BRUSSELS PP SHEETS.DWG
 REF. BK. PG.
 JOB NO. 217880.2
 DSN. BY: CDP
 DWN. BY: CDP
 CHK. BY:
 DATE: FEBRUARY, 2015
 SCALE: 1"=20'
 SHEET 9 OF 39



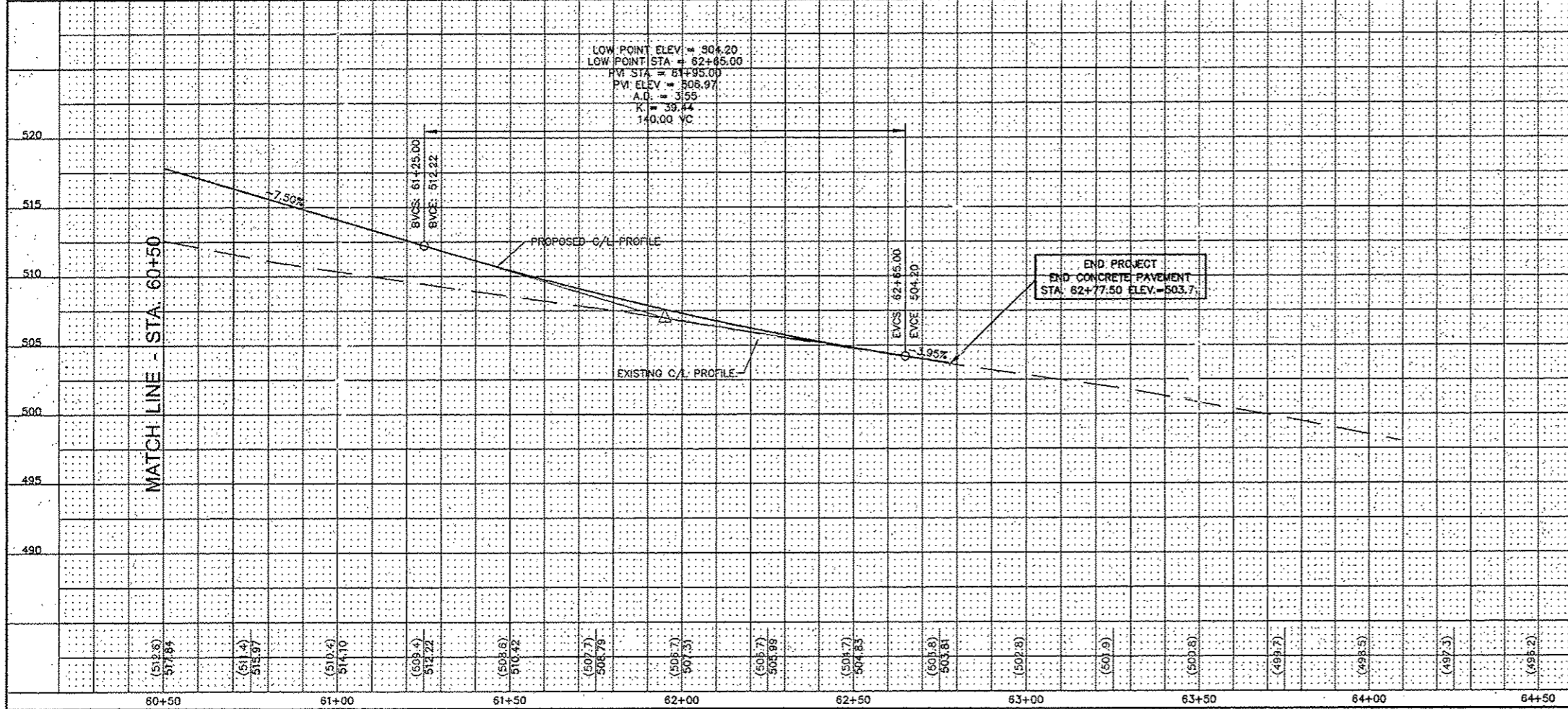
MATCH LINE - STA. 60+50



DRAINAGE STRUCTURES

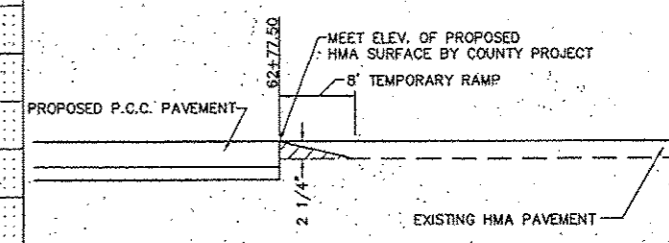
- ⑬ INLET TY. A-3V
STA. 60+98.25, 13.52' LT.
T.C. = 514.37
12" S.W. F.L. = 510.37
4" N. F.L. = 511.57
- ⑭ INLET TY. B-3V
STA. 60+98.25, 19.52' RT.
T.C. = 514.27
12" N.E. F.L. = 510.04
12" S.E. F.L. = 509.94
4" W. F.L. = 511.47
- ⑮ INLET TY. A-3V
STA. 62+71, 13.52' LT.
T.C. = 504.11
12" S.W. F.L. = 500.93
4" N. F.L. = 501.12
- ⑯ INLET TY. B-3V
STA. 62+71, 13.52' RT.
T.C. = 504.11
12" N.W. F.L. = 500.80
12" N.E. F.L. = 500.80
12" S.E. F.L. = 500.70
4" W. F.L. = 501.12
- ⑰ PROF. END SECTION, 12"
STA. 63+27, 22.50' RT.
F.L. = 499.50±

MATCH LINE - STA. 60+50



STORM SEWERS

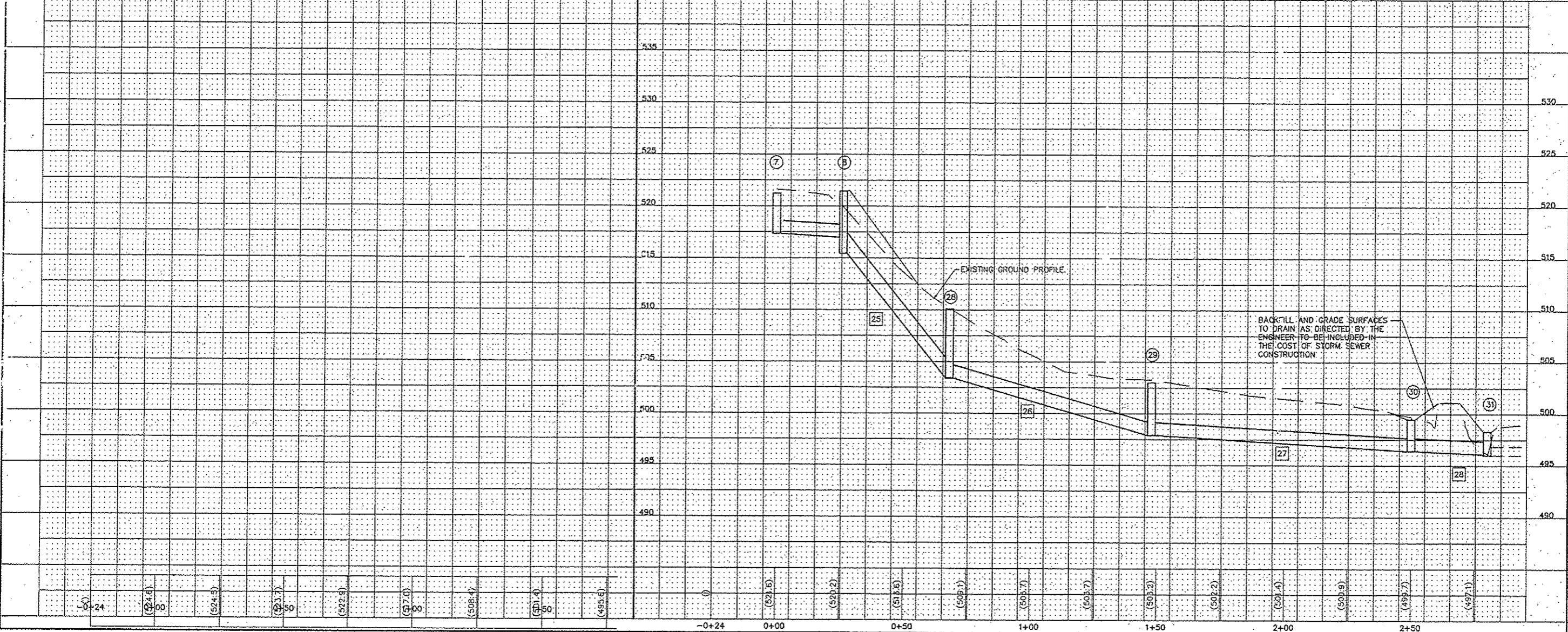
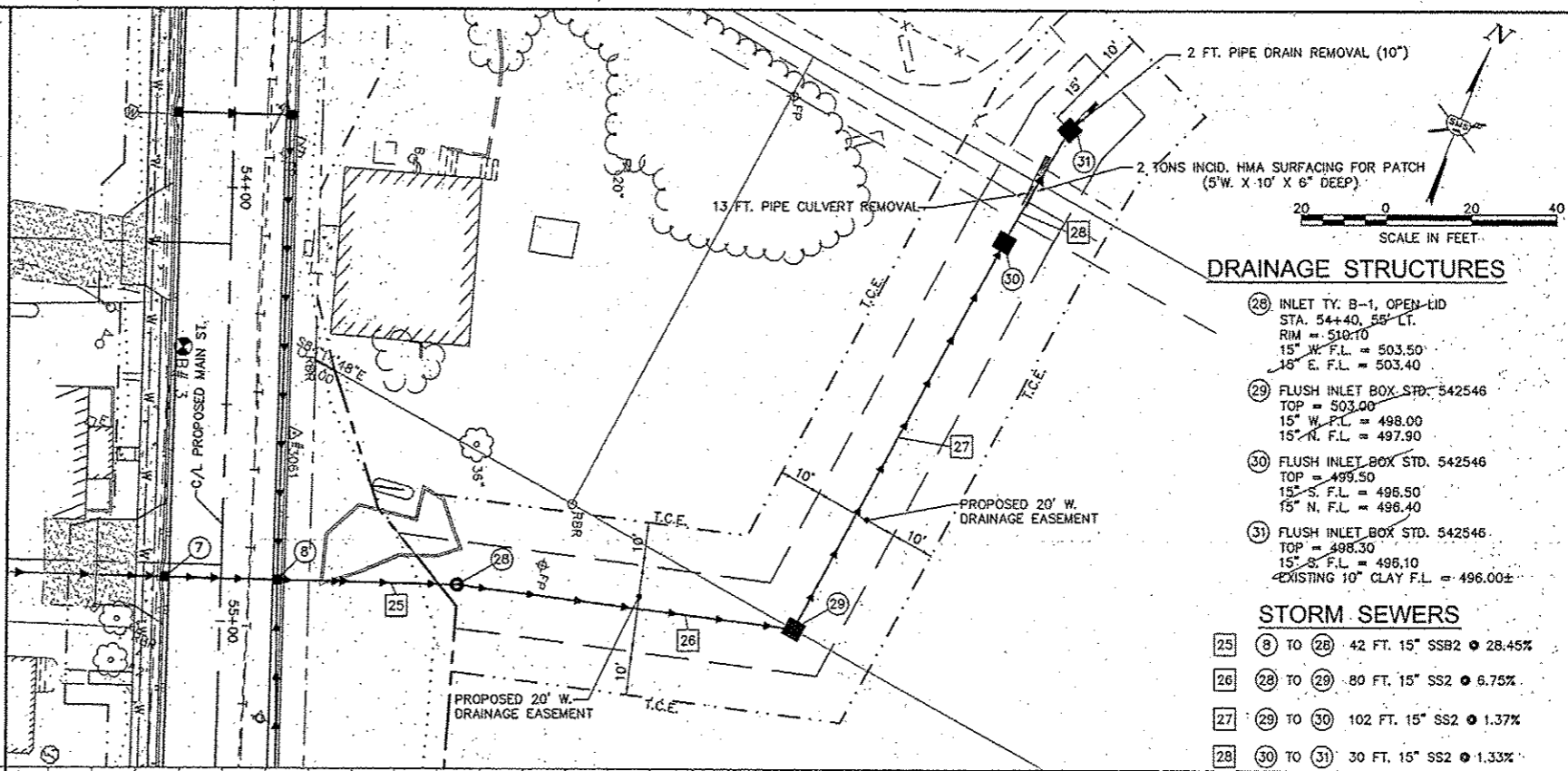
- ⑪ ⑬ TO ⑭ 33 FT. 12" SS1 @ 1.00%
- ⑫ ⑭ TO ⑯ 173 FT. 12" SS1 WMQ @ 5.72%
- ⑬ ⑮ TO ⑯ 27 FT. 12" SS1 @ 0.50%
- ⑭ ⑰ TO ⑱ 57 FT. 12" SS1 @ 2.11% (INCLUDES END SECTION)



BUTT JOINT DETAIL
STA. 62+77.50

SMS Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 115 North State Street, P.O. Box 1, Elmhurst, IL 60120
 630-834-8800 • Fax: 630-834-8801 • Email: info@sms-engineers.com
 900 North LaSalle Street, Suite 3, Chicago, IL 60610 • 312-877-8800 • Email: info@sms-engineers.com
 DESIGN FIRM # 184-000992

VILLAGE OF BRUSSELS, ILLINOIS
 SECTION 09-0001-01-PV
 MAIN STREET (CO. HWY. NO.1 EXT.) - PHASE 1
 PLAN AND PROFILE
 CONTRACT NO. 97569
 2015 BRUSSELS PP SHEETS.DWG
 REF. BK. PG.
 JOB NO. 217880.2
 DSN. BY:
 OWN. BY: CDP
 CHK. BY:
 DATE: FEBRUARY, 2015
 SCALE: 1"=20'
 SHEET 10 OF 39



REVISIONS

SMS ENGINEERS

Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS
213 Market Street, P.O. Box E, Alton, IL 62002 618/262-9755 E-mail: ms@smsengineers.com
10 General Industrial Drive, Suite 3, Gracka City, IL 62040 618/271-8100 E-mail: ms@smsengineers.com
DESIGN FIRM # 164-000992

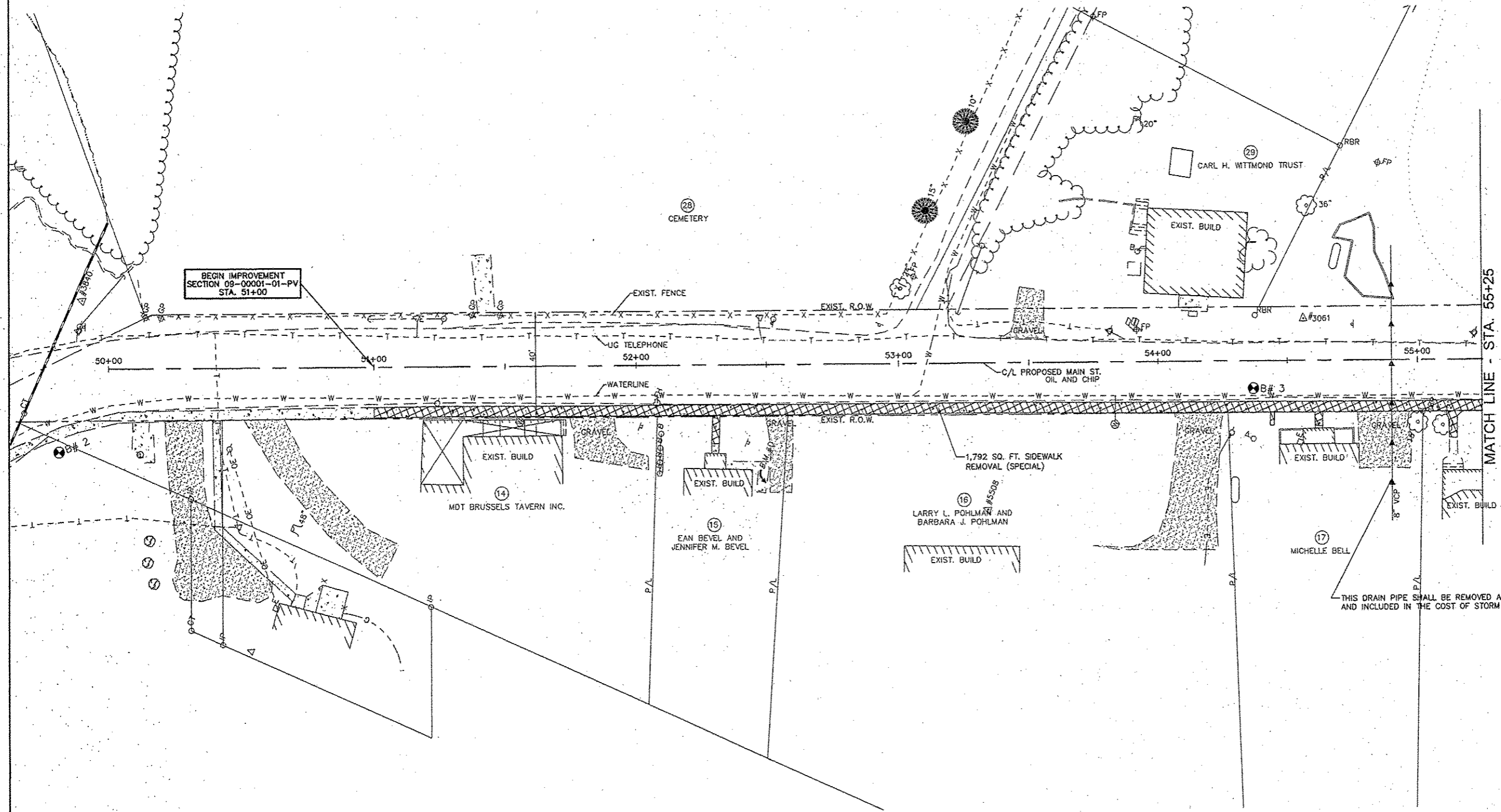
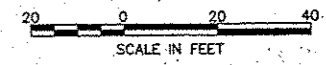
VILLAGE OF BRUSSELS, ILLINOIS
SECTION 09-00001-01-PV
MAIN STREET (CO. HWY. NO.1 EXT.) - PHASE 1
STORM SEWER PLAN AND PROFILE

CONTRACT NO. 97569

2015 BRUSSELS PP SHEETS.DWG
REF. BK. PG.
JOB NO. 217880.2
DSN. BY:
OWN. BY: CDP
CHK. BY:
DATE: FEBRUARY, 2015

SCALE: 1"=20'

SHEET 11 OF 39



REVISIONS

SMS Sheppard, Morgan & Schwaab, Inc.
 ENGINEERS CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box C, Alton, IL 62002, 618/662-9755 E-mail: sms@smsengineers.com
 90 Central Industrial Drive, Suite 3, Granite City, IL 62040, 618/377-8700 E-mail: rd@smsengineers.com
 DESIGN FIRM # 184-000992

VILLAGE OF BRUSSELS, ILLINOIS
 SECTION 09-00001-01-PV
 MAIN STREET (CO. HWY. NO. 1 EXT.) - PHASE 1
 REMOVAL ITEMS

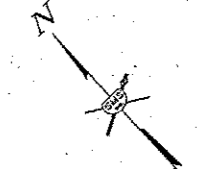
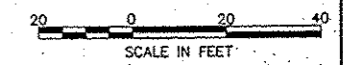
CONTRACT NO.
 97569

REF. BK.	PG.
JOB NO.	217880.2
DSN. BY:	
DWN. BY:	CDP
CHK. BY:	
DATE:	FEBRUARY, 2015

SCALE: 1"=20'
 SHEET 12 OF 39

CENTERLINE CURVE DATA

CURVE NO. 2
 P.I. STA.=57+43.82
 Δ=29°53'15"
 D=09°32'58"
 T=160.14'
 R=600'
 L=312.98'
 E=21.00'
 P.C. STA.=55+83.68
 STA.=58+96.66
 SUPER ELEV.=NONE

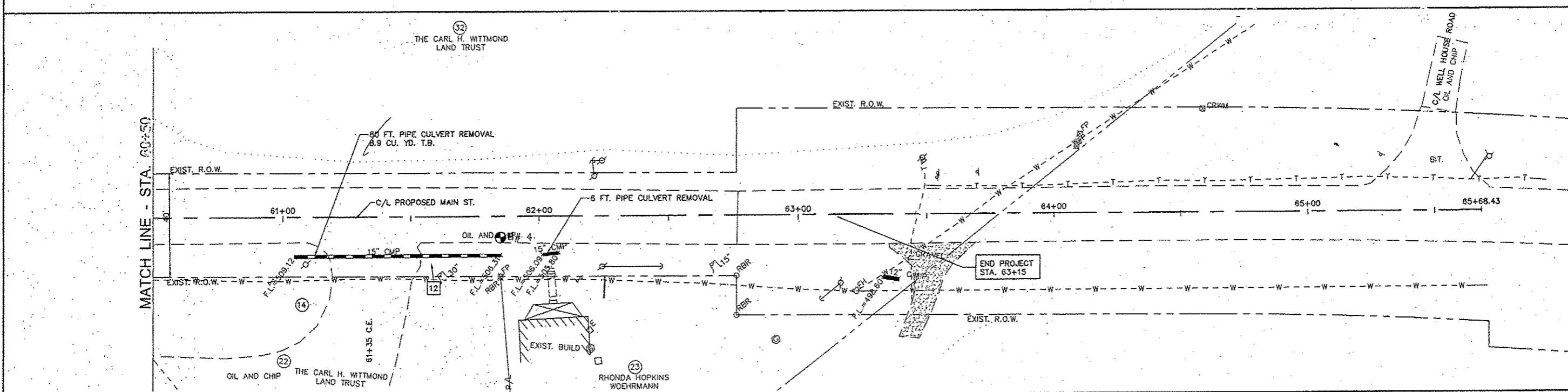
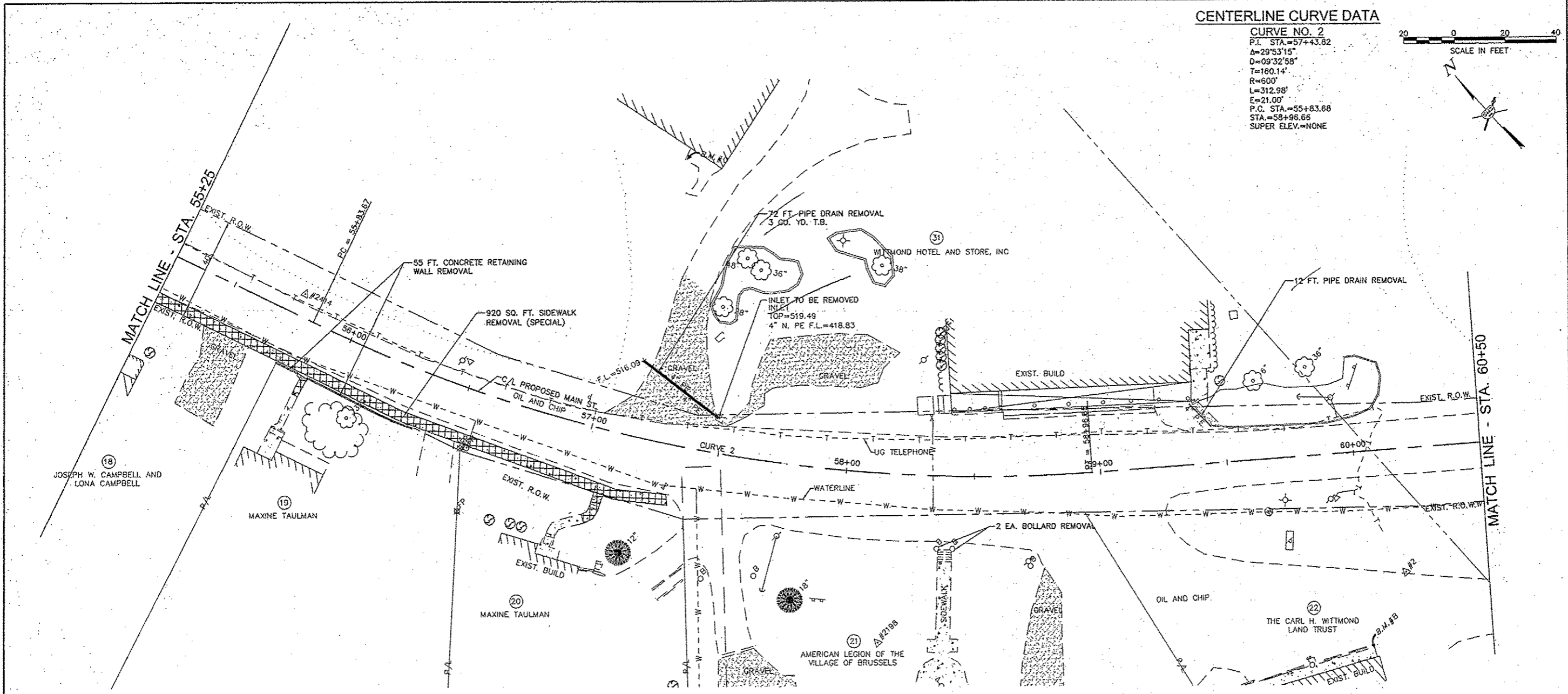


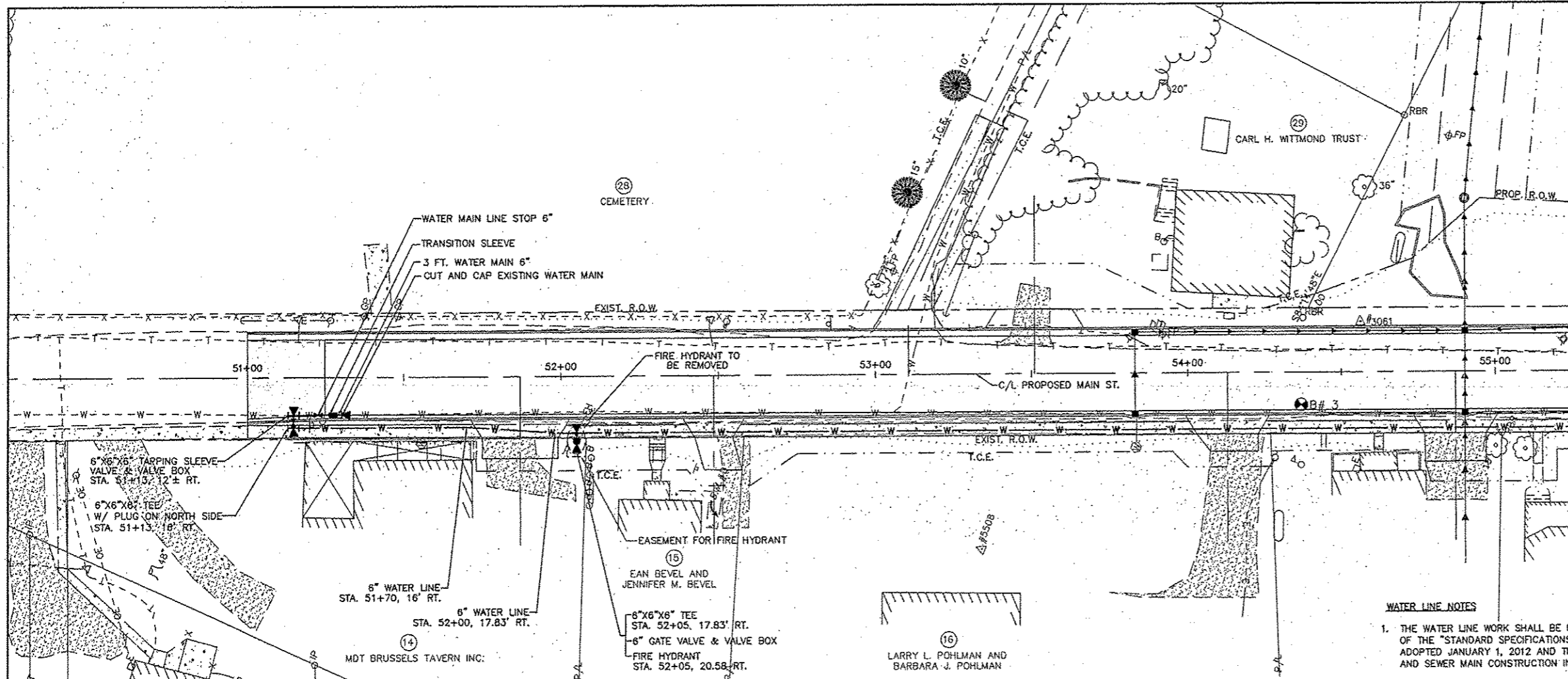
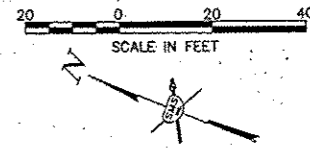
REVISIONS

SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box E, Alton, IL 62002 618-462-9755 E-mail: sms@smsengineers.com
 15 Central Industrial Drive, Suite 3, Cobalt, ON, Canada L2A 6E6 618-877-9700 E-mail: mail@smsengineers.com
 DESIGN FIRM # 184-000992

VILLAGE OF BRUSSELS, ILLINOIS
 SECTION 09-00001-01-PV
 MAIN STREET (CO. HWY. NO.1 EXT.) - PHASE 1
 REMOVAL ITEMS

CONTRACT NO. 97569
 REF. BK. PG.
 JOB NO. 217880.2
 DSN. BY:
 DWN. BY: CDP
 CHK. BY:
 DATE: FEBRUARY, 2015
 SCALE: 1"=20'
 SHEET 13 OF 39

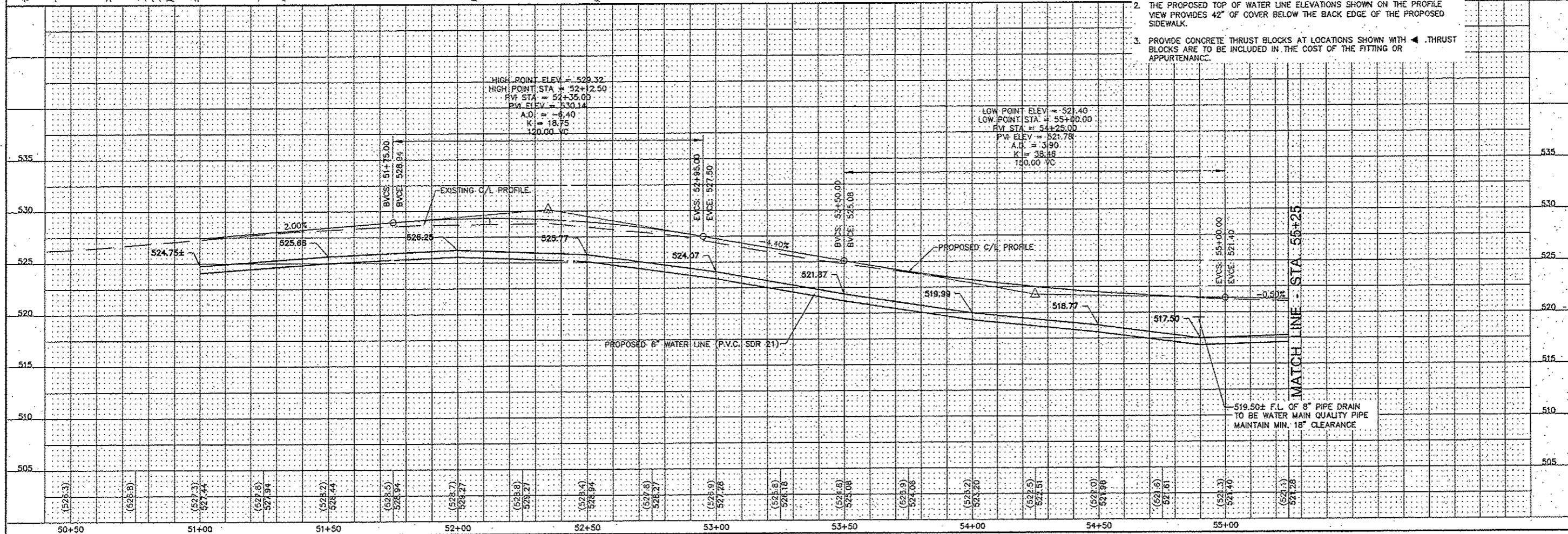




MATCH LINE - STA. 55+25

WATER LINE NOTES

1. THE WATER LINE WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 561 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2012 AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", 7TH EDITION, DATED 2014.
2. THE PROPOSED TOP OF WATER LINE ELEVATIONS SHOWN ON THE PROFILE VIEW PROVIDES 42" OF COVER BELOW THE BACK EDGE OF THE PROPOSED SIDEWALK.
3. PROVIDE CONCRETE THRUST BLOCKS AT LOCATIONS SHOWN WITH ◀. THRUST BLOCKS ARE TO BE INCLUDED IN THE COST OF THE FITTING OR APPURTENANCE.

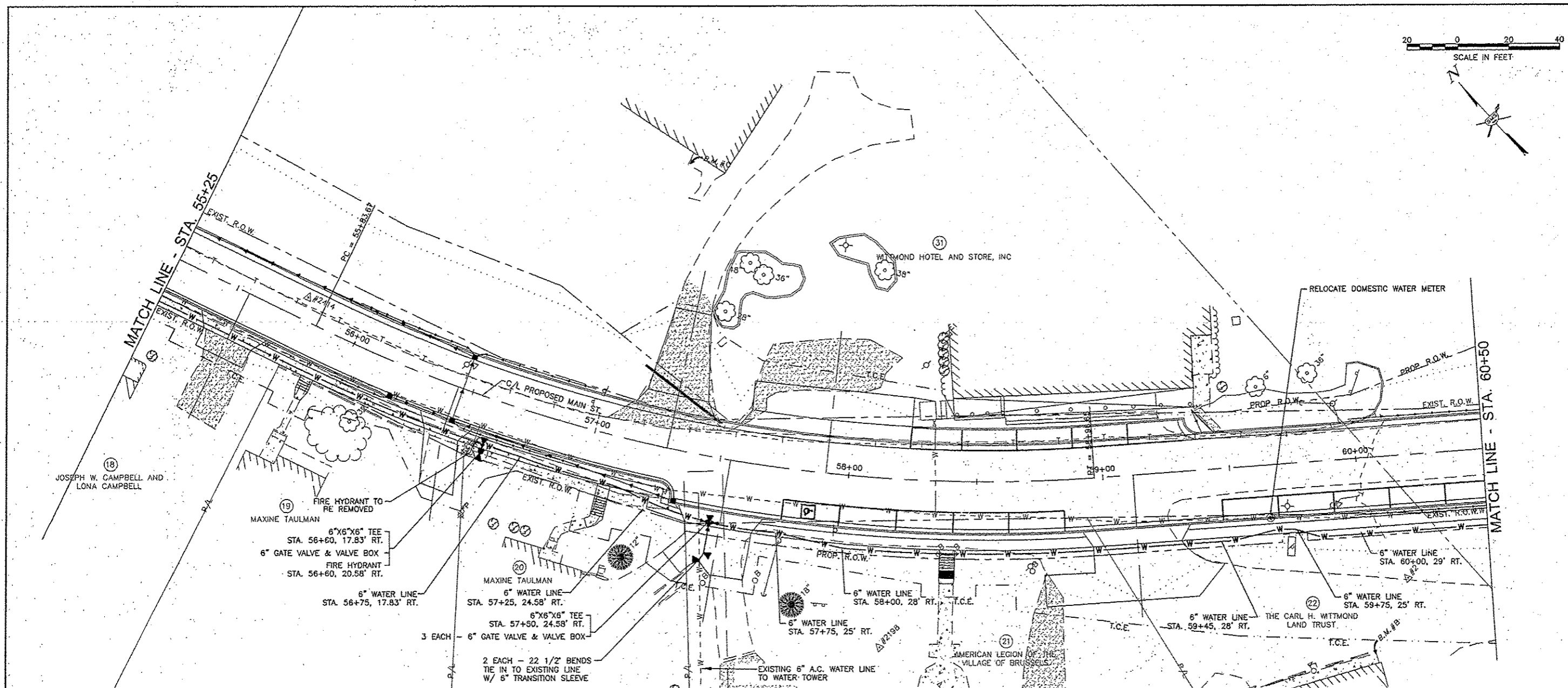
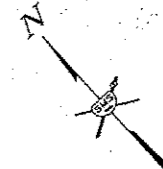


MATCH LINE - STA. 55+25

SMS ENGINEERS
 Sheppard, Morgan & Schwab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box E, Alton, IL 62002 618-282-9755 E-mail: rms@smsengineers.com
 10 Central Industrial Drive, Suite 3, Carle Place, IL 62209 618-277-8700 E-mail: rms@smsengineers.com
 DESIGN FIRM # 184-000992

VILLAGE OF BRUSSELS, ILLINOIS
 SECTION 09-00001-01-PV
 MAIN STREET (CO. HWY. NO.1 EXT.) - PHASE 1
 WATER LINE - PLAN AND PROFILE

CONTRACT NO.	97569
2015 BRUSSELS VTR SHEETS.DWG	
REF. BK.	PG.
JOB NO.	217880.2
DESIGN BY	CDP
DRAWN BY	CDP
CHK. BY	
DATE:	FEBRUARY, 2015
SCALE:	1"=20'
SHEET	14 OF 39



REVISIONS

SMS ENGINEERS

Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 115 Main Street, P.O. Box E, Alton, IL 62803, 618/465-0755, Fax: 618/465-0755
 1000 North Industrial Ave., Suite 1, Granite City, IL 62040, 618/371-6700, Email: ms@smseng.com
 DESIGN FIRM # 184-000992

VILLAGE OF BRUSSELS, ILLINOIS
 SECTION 09-00001-01-PV
 MAIN STREET (CO. HWY. NO.1 EXT.) - PHASE 1
 WATER LINE - PLAN AND PROFILE

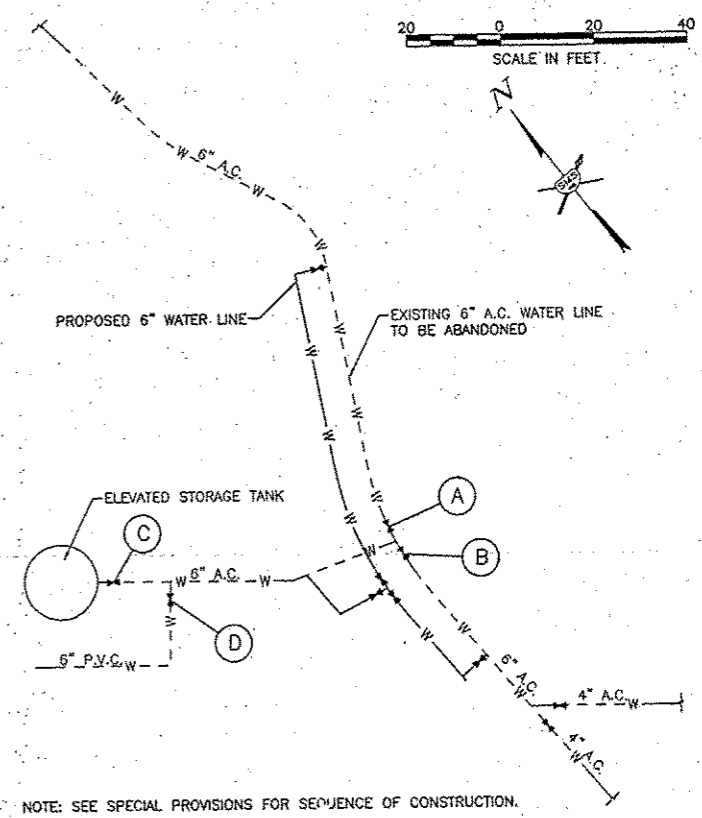
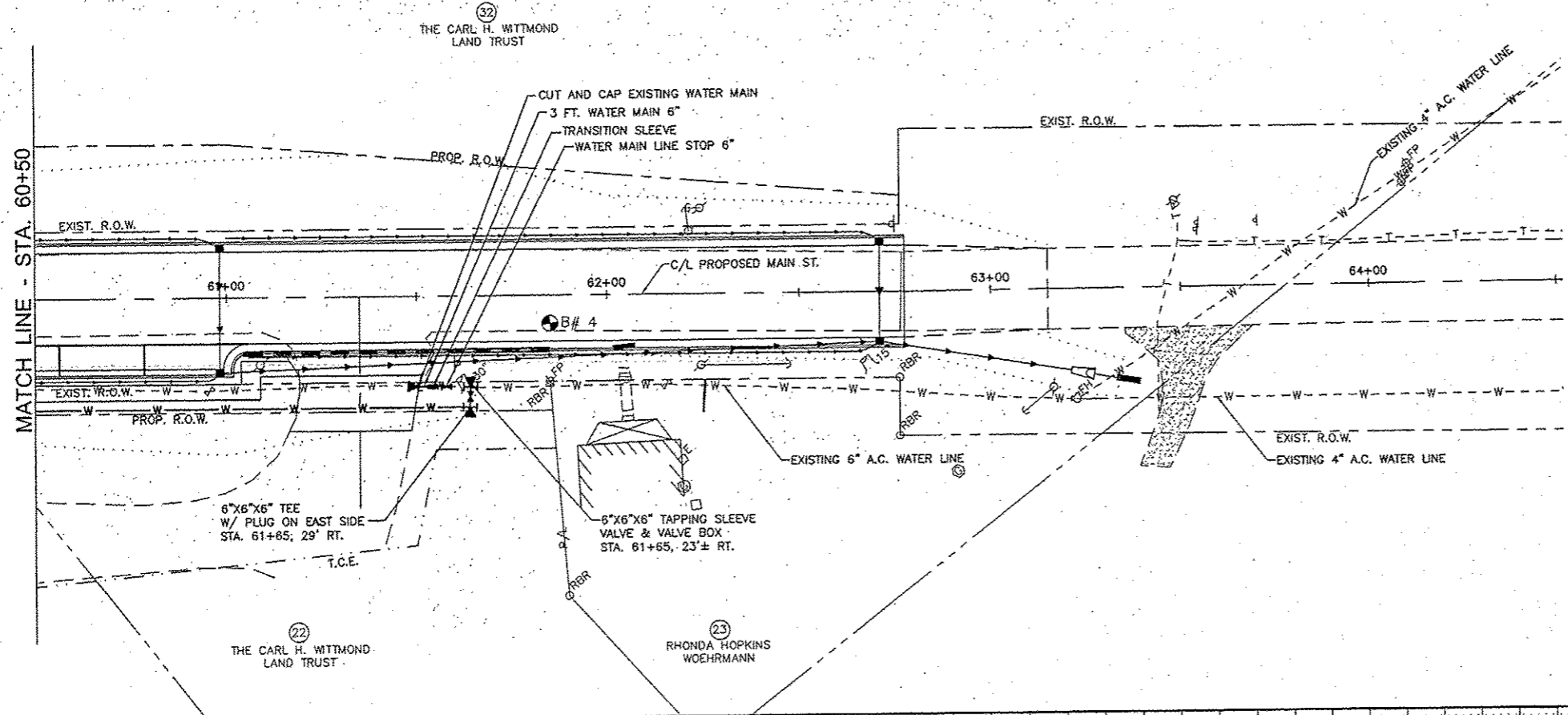
CONTRACT NO. 97569

2015 BRUSSELS VWR SHEETS.DWG

REF. BK.	PG.
JOB NO. 217880.2	
DSN. BY:	
OWN. BY: CDP	
CHK. BY:	
DATE: FEBRUARY, 2015	

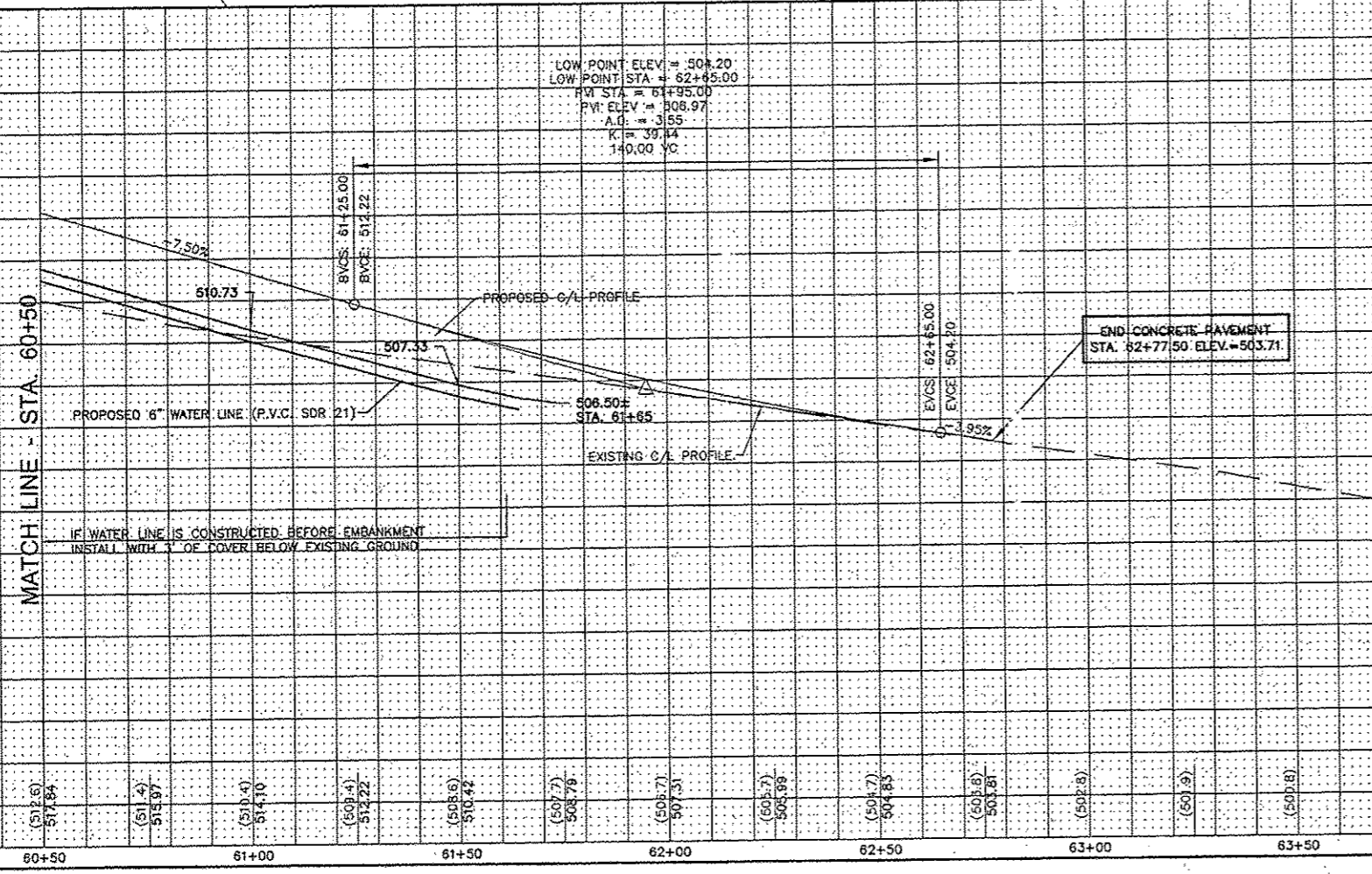
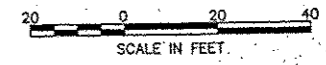
SCALE: 1"=20'

SHEET 15 OF 39



WATER SYSTEM PLAN
NOT TO SCALE

NOTE: SEE SPECIAL PROVISIONS FOR SEQUENCE OF CONSTRUCTION.



WATER SERVICE SCHEDULE						
LOCATION	WATER SERVICE CONNECTION 3/4" (EACH)	WATER SERVICE CONNECTION 1" (EACH)	WATER SERVICE LINE 3/4" (FOOT)	WATER SERVICE LINE 1" (FOOT)	DOMESTIC WATER METER TO BE RELOCATED (EACH)	TRENCH BACKFILL (CU. YD.)
51+55 RT.	1		5			0.7
52+40 RT.	1		7			0.7
53+10 LT.		1		45		6.3
53+83 RT.	1		5			0.7
53+90 LT.	1		37			5.1
54+50 RT.	1		7			0.7
55+25 RT.	1		7			0.7
56+00 RT.	1		7			0.7
57+00 RT.	1		7			0
58+30 LT.	1		55			7.6
59+65 RT.	1		7		1	0.7
TOTAL	10	1	144	45	1	23.9

REVISIONS

SMS ENGINEERS

Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS

215 Market Street, P.O. Box E, Alton, IL 62002 618-262-9755 E-mail: sms@smsengineers.com
19 Central Indiana Drive, Suite 3, Carle Place, IL 62630 618-277-4700 E-mail: mail@smsengineers.com
DESIGN FIRM # 184-000992

VILLAGE OF BRUSSELS, ILLINOIS
SECTION 09-00001-01-PV
MAIN STREET (CO. HWY. NO.1 EXT.) - PHASE 1
WATER LINE - PLAN AND PROFILE

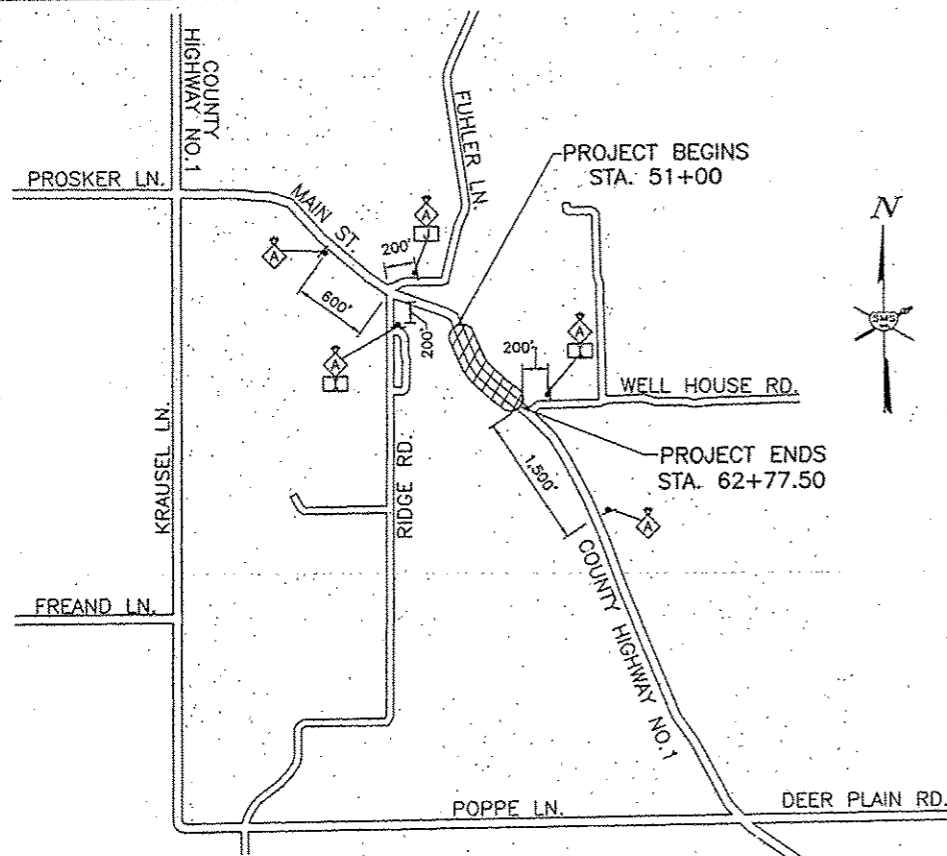
CONTRACT NO. 97569

2015 BRUSSELS WTR SHEETS.DWG

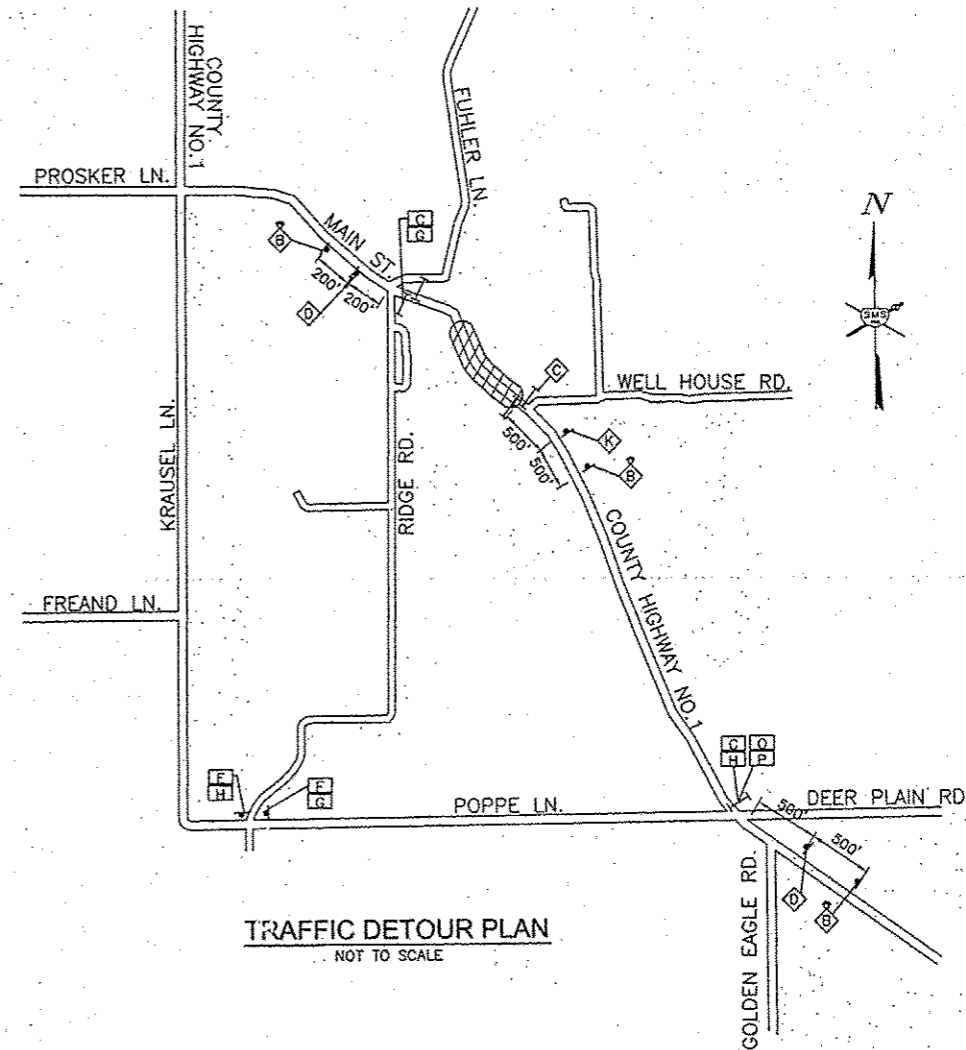
REF. BK. PG.
JOB NO. 217880.2
DSN. BY:
OWN. BY: CDP
CHK. BY:
DATE: FEBRUARY, 2015

SCALE: 1"=20'

SHEET 16 OF 39



GENERAL TRAFFIC CONTROL PLAN
NOT TO SCALE



TRAFFIC DETOUR PLAN
NOT TO SCALE

TRAFFIC CONTROL LEGEND

- WORK AREA
- TYPE III BARRICADE WITH REFLECTORIZED STRIPING ON BOTH SIDES WITH FLASHING LIGHTS
- DRUM OR BARRICADE
- SIGN "ROAD CONSTRUCTION AHEAD" W20-1(0) - 48" x 48" WITH MONODIRECTIONAL FLASHING LIGHT
- SIGN "ROAD CLOSED AHEAD" W20-3 48" x 48"
- SIGN "ROAD CLOSED TO THRU TRAFFIC" R11-4 48" x 30"
- SIGN "DETOUR AHEAD"
- SIGN "CO. HWY. NO.1" BLACK LETTERS ON ORANGE BACKGROUND 24" x 24"
- SIGN "CO. HWY. NO.1" BLACK LETTERS ON BRUSSELS" ORANGE BACKGROUND 24" x 24"
- SIGN M4-9R 30" x 24"
- SIGN M4-9L 30" x 24"
- SIGN BLACK ARROW ON ORANGE BACKGROUND 24" x 18"
- SIGN BLACK ARROW ON ORANGE BACKGROUND 24" x 18"
- SIGN "ROAD CLOSED 500 FT." W20-3 (0) 48" x 48"
- SIGN "ROAD CLOSED" R11-2 48" x 30"
- SIGN "YIELD" R1-2 30" x 30" x 30"
- SIGN "TO ONCOMING TRAFFIC" R1-2op 24" x 18"
- SIGN BLACK LETTERS ON ORANGE BACKGROUND 24" x 24"
"AM. LEGION"
"BANK OF KAMPSVILLE"
"POST OFFICE"
"WITMOND HOTEL"
- SIGN BLACK ARROW ON ORANGE BACKGROUND 18" x 18"

TRAFFIC CONTROL NOTES

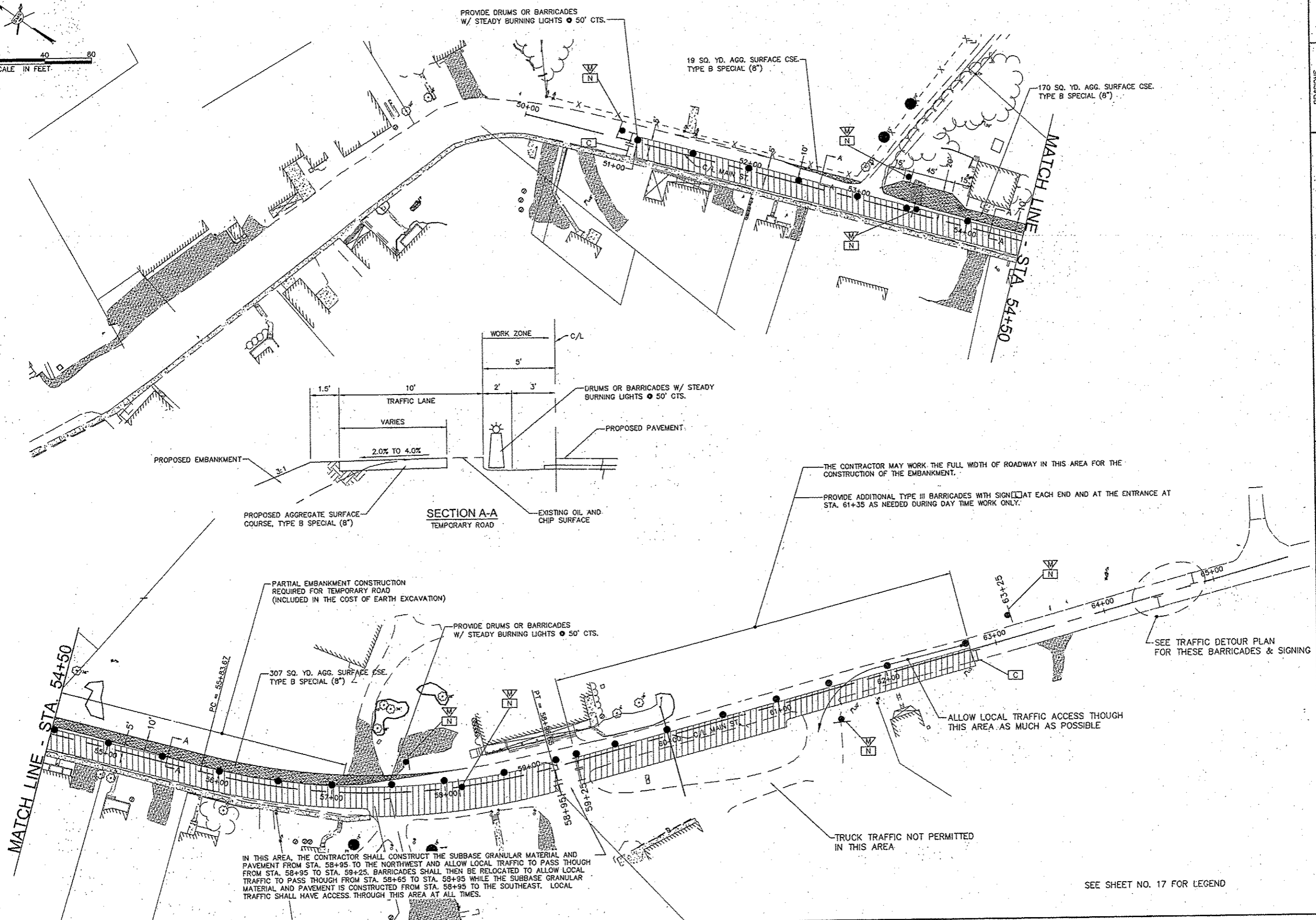
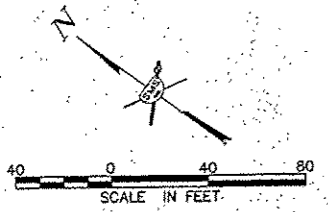
1. THE CONTRACTOR SHALL PROVIDE THE TRAFFIC CONTROL SHOWN ON THE GENERAL TRAFFIC CONTROL PLAN AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT. ADDITIONAL TRAFFIC CONTROL SHALL BE PROVIDED AS SPECIFIED BELOW AND IN ACCORDANCE WITH THE SPECIFIED HIGHWAY STANDARDS.
2. AT TIMES WHEN ALL TRAFFIC LANES ARE OPEN, PROVIDE TRAFFIC CONTROL AS NEEDED PER HIGHWAY STANDARD 701008, 701301 OR 701501.
3. STAGE 1 - WORK TO BE PERFORMED DURING THIS STAGE INCLUDES WATER LINES, STORM SEWERS, REMOVAL ITEMS AND EARTHWORK OUTSIDE THE LIMITS OF THE EXISTING ROADWAY. DURING STAGE 1, MAIN STREET SHALL REMAIN OPEN TO THROUGH TRAFFIC. ONE TRAFFIC LANE WILL BE ALLOWED TO BE CLOSED DURING DAY TIME HOURS AS NEEDED TO CONSTRUCT THE IMPROVEMENTS. TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE GENERAL TRAFFIC CONTROL PLAN AND APPLICABLE HIGHWAY STANDARDS. FOR STORM SEWER ROAD CROSSINGS, IF THE COUNTY ENGINEER PERMITS THE DETOUR (DUE TO ROAD CONDITIONS), THEN MAIN STREET MAY BE CLOSED TO THROUGH TRAFFIC DURING DAY TIME HOURS ONLY AND ADDITIONAL TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE TRAFFIC DETOUR PLAN.
4. STAGE 2 - WORK TO BE PERFORMED DURING THIS STAGE INCLUDES THE PROPOSED CONSTRUCTION WORK ALONG THE RIGHT SIDE OF THE CENTERLINE. DURING THIS STAGE, MAIN STREET WILL BE CLOSED TO THROUGH TRAFFIC. TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE GENERAL TRAFFIC CONTROL PLAN, THE TRAFFIC DETOUR PLAN AND THE STAGE 2 TRAFFIC CONTROL PLAN. MAIN STREET WILL BE OPEN TO LOCAL TRAFFIC AS SHOWN ON THE STAGE 2 TRAFFIC CONTROL PLAN.
5. STAGE 3 - WORK TO BE PERFORMED DURING THIS STAGE INCLUDES THE PROPOSED CONSTRUCTION WORK ALONG THE LEFT SIDE OF THE CENTERLINE. DURING THIS STAGE, MAIN STREET WILL BE CLOSED TO THROUGH TRAFFIC. TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE GENERAL TRAFFIC CONTROL PLAN, THE TRAFFIC DETOUR PLAN AND THE STAGE 3 TRAFFIC CONTROL PLAN. MAIN STREET WILL BE OPEN TO LOCAL TRAFFIC AS SHOWN ON THE STAGE 3 TRAFFIC CONTROL PLAN.
6. STAGE 4 - UPON COMPLETION OF STAGE 3, MAIN STREET SHALL BE REOPENED TO THROUGH TRAFFIC. WORK TO BE PERFORMED DURING THIS STAGE INCLUDES DRIVEWAY PAVEMENT ON THE LEFT SIDE AND ALL REMAINING CONSTRUCTION WORK, FINAL GRADING, SEEDING, ETC. ONE TRAFFIC LANE WILL BE ALLOWED TO BE CLOSED DURING DAY TIME HOURS AS NEEDED TO CONSTRUCT THE IMPROVEMENTS. TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE GENERAL TRAFFIC CONTROL PLAN AND APPLICABLE HIGHWAY STANDARDS.
7. FOR SIDEWALK REMOVAL AND REPLACEMENT, TRAFFIC CONTROL FOR SIDEWALK CLOSURES SHALL BE PROVIDED PER HIGHWAY STANDARD 701801.
8. WHERE A HIGHWAY STANDARD REQUIRES A "ROAD CONSTRUCTION AHEAD" SIGN, THIS REQUIREMENT WILL BE CONSIDERED FULFILLED BY THE SIGNS REQUIRED ON THE GENERAL TRAFFIC CONTROL PLAN.
9. ALL HAZARDS WITHIN WORK ZONES SHALL BE PROTECTED WITH TYPE I BARRICADES OR DRUMS WITH FLASHING LIGHTS.
10. ALL CONSTRUCTION SIGNS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS".
11. IF THE CONTRACTOR WISHES TO DEVIATE FROM THIS TRAFFIC CONTROL PLAN, HE SHALL PROVIDE A REVISED TRAFFIC CONTROL PLAN IN WRITING FOR THE REVIEW AND APPROVAL OF THE ENGINEER.

REVISIONS

SMS ENGINEERS
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CONSULTING ENGINEERS AND LAND SURVEYORS
215 North State, P.O. Box E, Alton, IL 62002 618452-9758 Email: mail@smsengineers.com
10 Central Industrial Drive, Geneva, IL 60136 618577-8100 Email: mail@smsengineers.com
DESIGN FIRM # 184-000992

VILLAGE OF BRUSSELS, ILLINOIS
SECTION 09-00001-01-PV
MAIN STREET (CO. HWY. NO.1 EXT.) - PHASE 1
GENERAL TRAFFIC CONTROL AND DETOUR PLAN

CONTRACT NO.	97589
REF. BK.	PG.
JOB NO.	217880.2
DSN. BY:	
DWN. BY:	COP
CHK. BY:	
DATE:	FEBRUARY, 2015
SCALE:	NONE
SHEET	17 OF 39



IN THIS AREA, THE CONTRACTOR SHALL CONSTRUCT THE SUBBASE GRANULAR MATERIAL AND PAVEMENT FROM STA. 58+95 TO THE NORTHWEST AND ALLOW LOCAL TRAFFIC TO PASS THROUGH FROM STA. 58+95 TO STA. 59+25. BARRICADES SHALL THEN BE RELOCATED TO ALLOW LOCAL TRAFFIC TO PASS THROUGH FROM STA. 58+65 TO STA. 58+95 WHILE THE SUBBASE GRANULAR MATERIAL AND PAVEMENT IS CONSTRUCTED FROM STA. 58+95 TO THE SOUTHEAST. LOCAL TRAFFIC SHALL HAVE ACCESS THROUGH THIS AREA AT ALL TIMES.

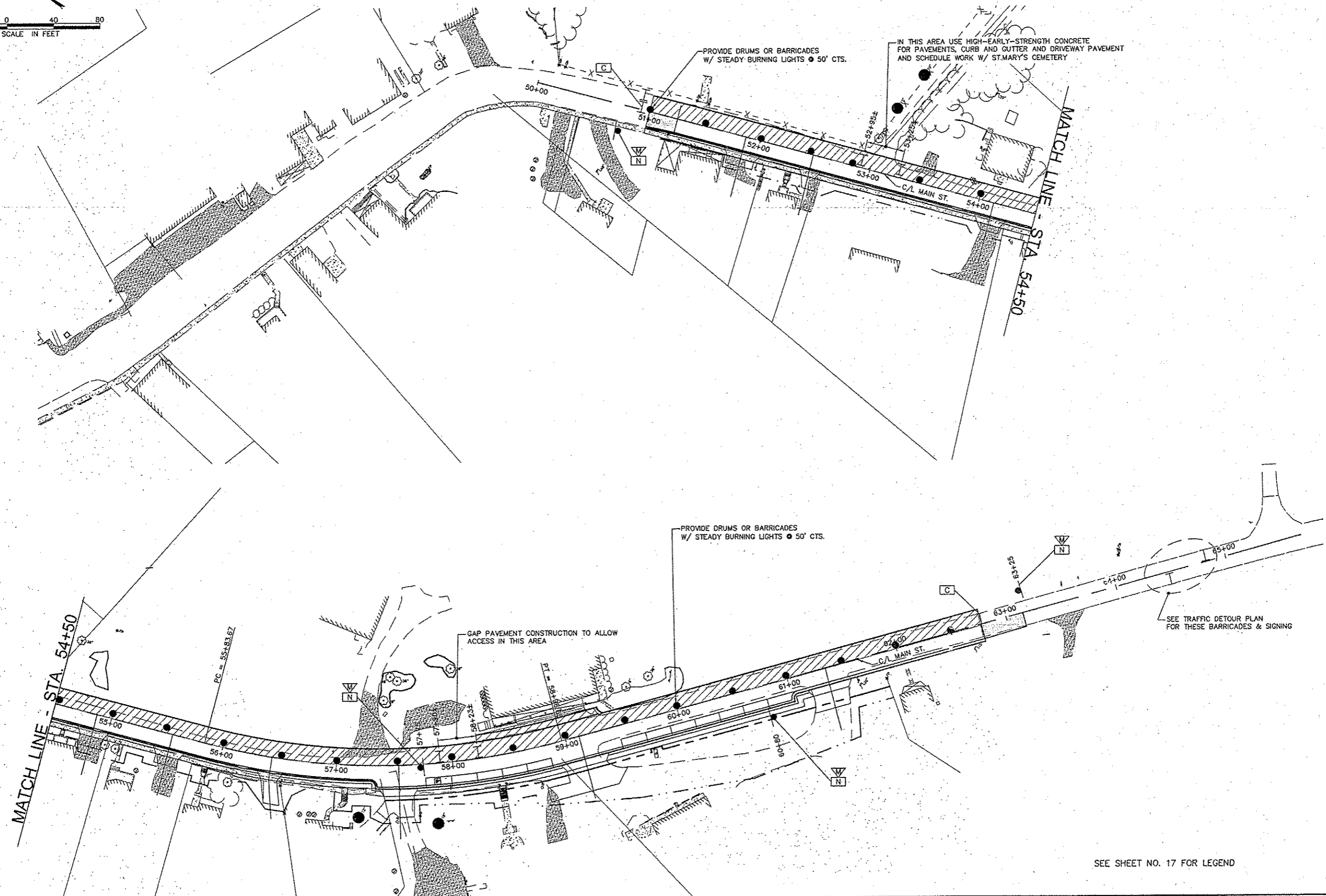
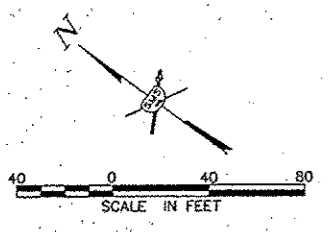
NO.	DESCRIPTION

SMS ENGINEERS
Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, P.O. Box 5, Alton, IL 62002 618-462-2151 E-mail: sms@smsengineers.com
 10 Canal Industrial Drive, Suite 3, Granite City, IL 62040 618-477-8700 E-mail: msl@smsengineers.com
 DESIGN FIRM # 184-000992

VILLAGE OF BRUSSELS, ILLINOIS
 SECTION 09-00001-01-PV
 MAIN STREET (CO. HWY. NO. 1 EXT.) - PHASE 1
 STAGE 2 TRAFFIC CONTROL PLAN

CONTRACT NO. 97569	
2010 BRUSSELS MAIN ST STAGE 2 TRAFFIC CTRL.PLAN	
REF. BK.	PG.
JOB NO. 217880.2	
DSN. BY:	
CHK. BY: GDP	
DATE: FEBRUARY, 2015	
SCALE: 1"=40'	
SHEET 18 OF 39	

SEE SHEET NO. 17 FOR LEGEND



PROVIDE DRUMS OR BARRICADES
W/ STEADY BURNING LIGHTS @ 50' CTS.

IN THIS AREA USE HIGH-EARLY-STRENGTH CONCRETE
FOR PAVEMENTS, CURB AND GUTTER AND DRIVEWAY PAVEMENT
AND SCHEDULE WORK W/ ST.MARY'S CEMETERY

PROVIDE DRUMS OR BARRICADES
W/ STEADY BURNING LIGHTS @ 50' CTS.

GAP PAVEMENT CONSTRUCTION TO ALLOW
ACCESS IN THIS AREA

SEE TRAFFIC DETOUR PLAN
FOR THESE BARRICADES & SIGNING

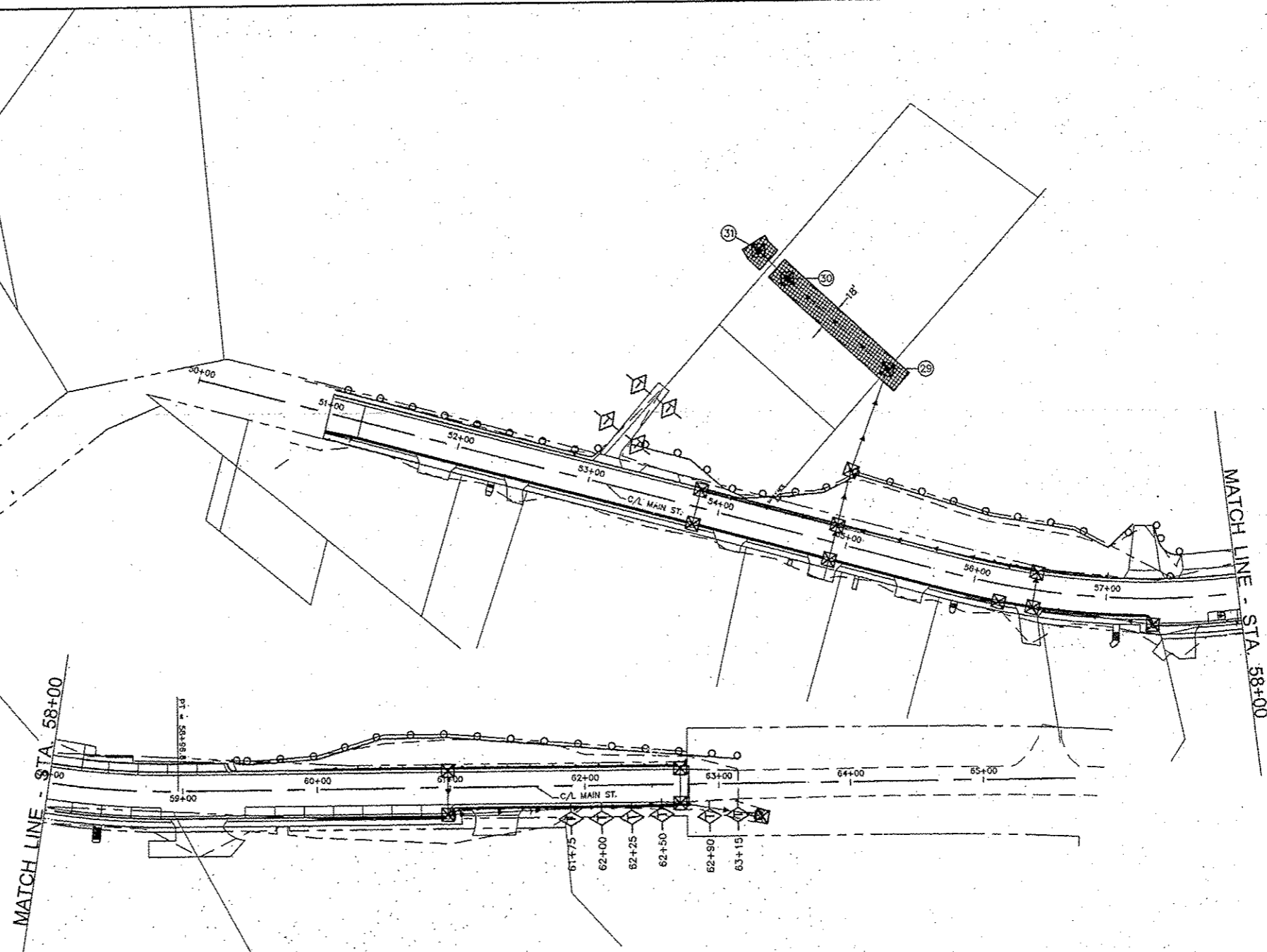
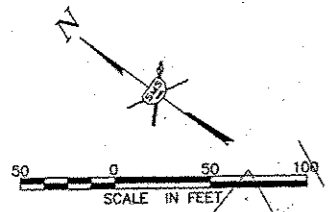
SEE SHEET NO. 17 FOR LEGEND

NO.	DESCRIPTION

SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
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 315 Market Street, P.O. Box E, Alton, IL 62002 618252-9755 E-mail: sm@smseng.com
 30 Central Expressway, Suite 3, Grafton, MA 01877-9700 E-mail: sm@smseng.com
 DESIGN FIRM # 184-000982

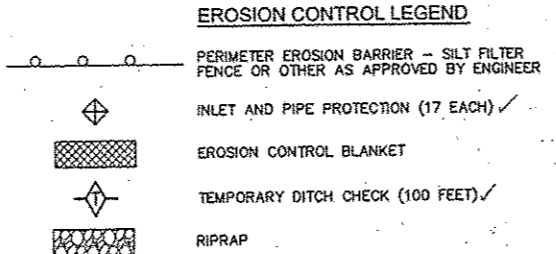
VILLAGE OF BRUSSELS, ILLINOIS
 SECTION 09-00001-01-PV
 MAIN STREET (CO. HWY. NO.1 EXT.) - PHASE 1
 STAGE 3 TRAFFIC CONTROL PLAN

CONTRACT NO. 97569	
2015 BRUSSELS MAIN ST STAGE 3 TRAFFIC CONTROL PLAN	
REF. BK.	PG.
JOB NO.	217880.2
DSN. BY:	
DWN. BY:	CDP
CHK. BY:	
DATE:	FEBRUARY, 2015
SCALE:	1"=40'
SHEET	19 OF 39



PERIMETER EROSION BARRIER SCHEDULE	
LOCATION	PERIMETER EROSION CARRIER (FEET)
51+00 TO 53+05 LT.	207
53+25 TO 57+19 LT.	381
57+35 TO 57+60 LT.	34
59+33 TO 63+15 LT.	378
TOTAL	1,000 ✓

EROSION CONTROL BLANKET SCHEDULE	
LOCATION	EROSION CONTROL BLANKET (SQ. YD.)
(29) TO (31)	253
(31)	37
OTHER AREAS AS NEEDED & DIRECTED BY THE ENGINEER	100
TOTAL	390 ✓



EROSION CONTROL NOTES

- EROSION CONTROL ITEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 280 OF THE I.D.O.T. STANDARD SPECIFICATIONS.
- THIS PLAN SHOWS GENERAL LAYOUT OF EROSION CONTROL ITEMS. THE CONTRACTOR IS RESPONSIBLE FOR EROSION AND SEDIMENT CONTROL AND THEREFORE SHALL MONITOR THE SITE AND REPAIR, MAINTAIN OR MODIFY THE EROSION AND SEDIMENT CONTROL MEASURES AS NEEDED TO COMPLY WITH REGULATIONS.
- THE CONTRACTOR FOR THIS PROJECT SHALL COMPLY WITH THE ILLINOIS E.P.A. NPDES PERMIT NO. ILR10 FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.
- THIS EROSION CONTROL PLAN SUPPLEMENTS THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THIS PROJECT AND INCLUDED IN THE SPECIAL PROVISIONS.
- THE CONTRACTOR IS REQUIRED TO RETAIN A COPY OF THE SWPPP ON SITE AT ALL TIMES DURING CONSTRUCTION ACTIVITIES.
- CONSTRUCTION AND DRIVEWAY ENTRANCES SHALL BE STABILIZED WITH CRUSHED STONE TO PREVENT SEDIMENT FROM BEING TRACKED ONTO PUBLIC ROADWAYS. THIS WORK SHALL BE PAID FOR PER TON FOR AGGREGATE FOR TEMPORARY ACCESS.
- PERIMETER EROSION BARRIER SHALL BE PLACED ALONG THE UPSLOPE EDGE OF RIPRAP IF BARE SOIL EXISTS AT THE TIME RIPRAP IS PLACED.
- TEMPORARY SEEDING AND MULCH SHALL BE COMPLETED IN ACCORDANCE WITH THE SWPPP.
- CONTRACTOR SHALL INSTALL TEMPORARY DITCH CHECKS IN THE FLOW PATHS OF CONCENTRATED STORM WATERS WHERE THERE IS A POTENTIAL FOR EROSION DUE TO CONSTRUCTION SITE ACTIVITIES. DITCH CHECKS PROVIDED SHALL BE PER ARTICLE 280.04 OR OTHER DITCH CHECK MATERIALS ACCEPTABLE TO THE ENGINEER. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY DITCH CHECKS. SPACING OF DITCH CHECKS SHALL DEPEND ON THE HEIGHT OF THE DITCH CHECK AND THE SLOPE OF THE DITCH, ACCORDING TO THE FOLLOWING FORMULA:

$$\text{DITCH CHECK SPACING (FT.)} = \frac{\text{HEIGHT (FT.)}}{\text{SLOPE (FT./FT.)}}$$

THIS SPACING WILL RESULT IN THE TOP ELEVATION OF THE DITCH CHECK BEING EQUAL TO THE DITCH FLOW LINE ELEVATION AT THE NEXT UPSTREAM DITCH CHECK.
- AN ESTIMATED 100 FEET OF TEMPORARY DITCH CHECKS HAVE BEEN CALCULATED FOR USE BY THE RESIDENT ENGINEER. THE ACTUAL AMOUNT SHALL BE DETERMINED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY INLET AND PIPE PROTECTION AT ALL STORM SEWER PIPE AND INLET STRUCTURES AS REQUIRED TO INTERCEPT WATER BORNE SILT AND SEDIMENT AND PREVENT IT FROM ENTERING STORM SEWER SYSTEMS. THIS ITEM MAY CONSIST OF EMBEDDED HAY OR STRAW BALES, SILT FILTER FENCE, SAND BAGS OR OTHER APPROVED METHODS.
- THE CONTRACTOR MAY USE TEMPORARY SEDIMENT BASINS AS ADDITIONAL EROSION CONTROL MEASURES AT CONCENTRATED FLOW LOCATIONS. A TEMPORARY SEDIMENT BASIN CONSISTS OF AN EXCAVATED BASIN WITH A PERIMETER EROSION BARRIER (SILT FILTER FENCE OR HIGH FLOW SILT FILTER FENCE) ON THE DOWNSTREAM SIDE.

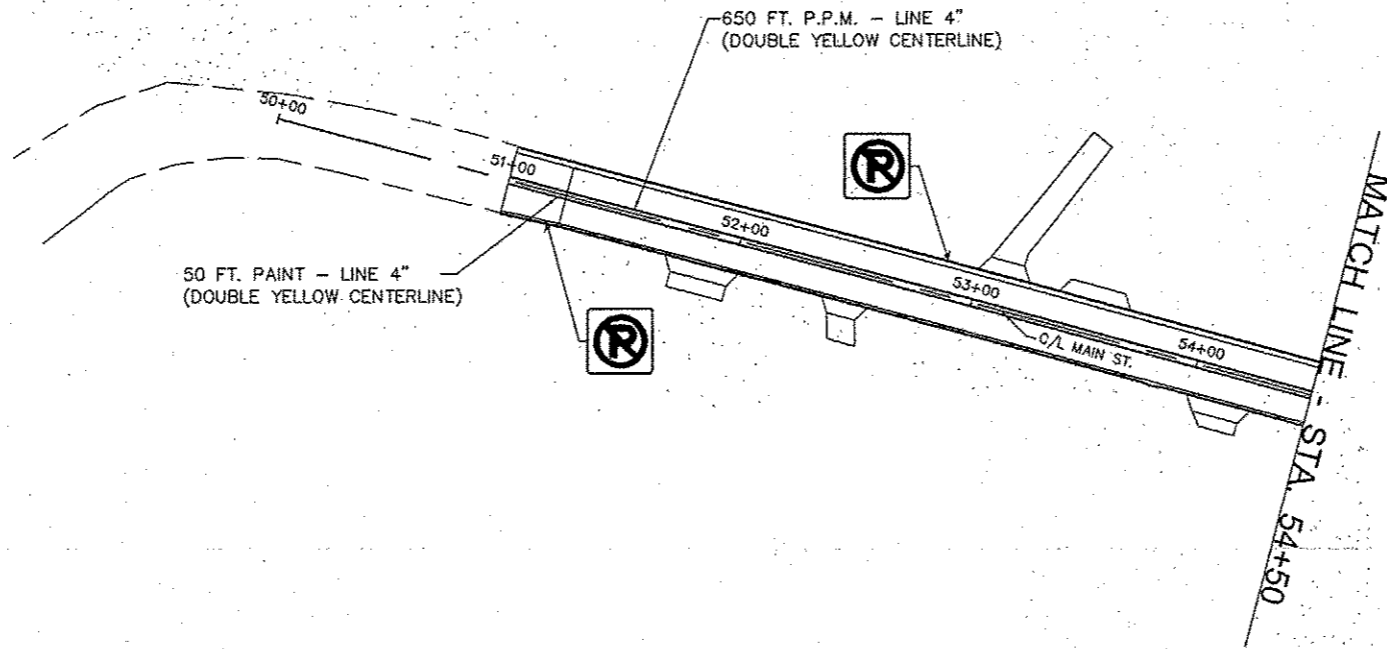
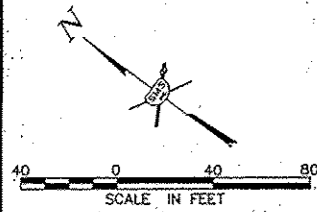
REVISIONS

SMS ENGINEERS
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 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Marine Street, P.O. Box 6, Abon, IL 62002 618-626-2755 E-mail: ms@smsengineers.com
 19 Central Industrial Blvd, Ste 3, Granite Og, IL 62031 618-626-2755 E-mail: ms@smsengineers.com
 DESIGN FIRM # 184-000992

VILLAGE OF BRUSSELS, ILLINOIS
 SECTION 09-00001-01-PV
 MAIN STREET (CO. HWY. NO.1 EXT.) PHASE 1
 EROSION CONTROL PLAN

CONTRACT NO.	97589
2015 BRUSSELS MAIN ST CROSSING	
REF. BK.	PG.
JOB NO.	217880.2
DSN. BY.	
DWN. BY.	GDP
CHK. BY.	
DATE:	FEBRUARY, 2015
SCALE:	1"=50'
SHEET	20 OF 39

NOTE: PARKING SPACE DIMENSIONS ARE MEASURED AT EDGE OF PAVEMENT.

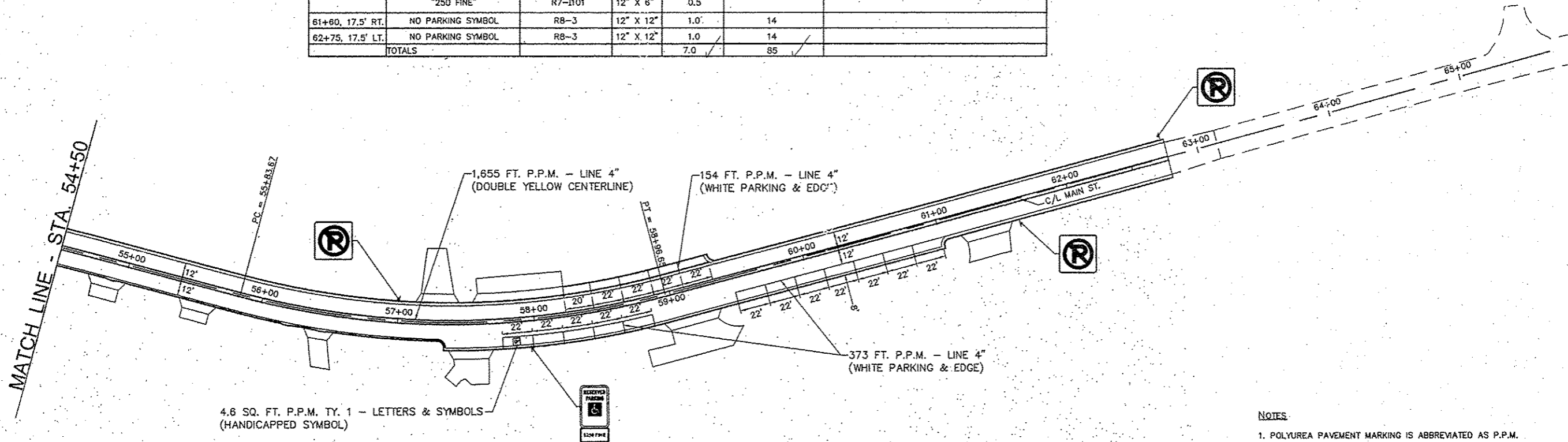


SIGNING SCHEDULE

LOCATION STATION	LEGEND OR TYPE	MUTCD SIGN DESIGNATION	SIZE	SIGN PANEL - TYPE 1 (SQ. FT.)	TELESCOPING STEEL SIGN SUPPORT (FT.)	REMARKS
51+15, 15' LT.	NO PARKING SYMBOL	R8-3	12" X 12"	1.0	14	
52+90, 17' LT.	NO PARKING SYMBOL	R8-3	12" X 12"	1.0	14	
57+00, 17' LT.	NO PARKING SYMBOL	R8-3	12" X 12"	1.0	14	
57+98, 22.5' RT.	ACCESSIBLE PARKING SIGN "250 FINE"	R7-8 R7-II01	12" X 18"	1.5	15	OMIT ARROW
61+60, 17.5' RT.	NO PARKING SYMBOL	R8-3	12" X 12"	1.0	14	
62+75, 17.5' LT.	NO PARKING SYMBOL	R8-3	12" X 12"	1.0	14	
TOTALS				7.0	85	

PAVEMENT MARKING SCHEDULE

ITEM	QUANTITY	UNIT
POLYUREA PAVEMENT MARKING - LINE 4" (WHITE PARKING AND EDGE LINE)	527	FOOT
POLYUREA PAVEMENT MARKING - LINE 4" (SOLID DOUBLE YELLOW)	2,305	FOOT
TOTAL 4"	2,832	FOOT
POLYUREA PAVEMENT MARKING TYPE 1 - LETTERS AND SYMBOLS (WHITE)	5	SOFT
PAINT PAVEMENT MARKING - LINE 4" (SOLID DOUBLE YELLOW)	50	FOOT



4.6 SQ. FT. P.P.M. TY. 1 - LETTERS & SYMBOLS (HANDICAPPED SYMBOL)

NOTES

1. POLYUREA PAVEMENT MARKING IS ABBREVIATED AS P.P.M.

REVISIONS

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10 Central Industrial Drive, Suite 3, Great City, IL 62529 618377-4700 E-mail: mail@smsengineers.com
DESIGN FIRM # 184-000992

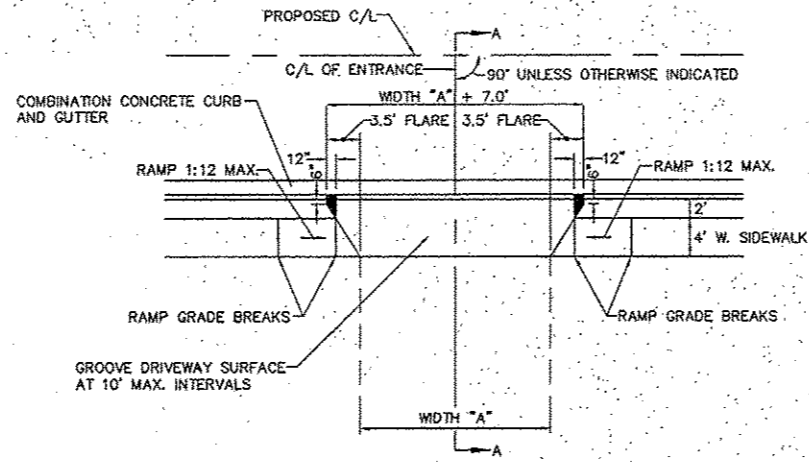


VILLAGE OF BRUSSELS, ILLINOIS
SECTION 09-00001-01-PV
MAIN STREET (CO. HWY. NO. 1 EXT.) PHASE 1
PAVEMENT MARKING & SIGNING PLAN

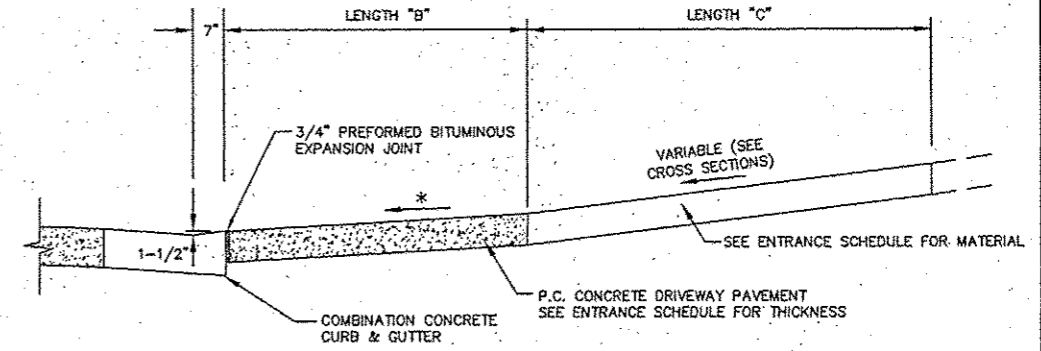
CONTRACT NO. 97569

REF. BK.	PG.
JOB NO. 217880.2	
DSN. BY:	
DWN. BY: CDP	
CHK. BY:	
DATE: FEBRUARY, 2015	

SCALE: 1"=40'
SHEET 21 OF 39



PLAN
TYPICAL ENTRANCE DETAIL
SIDEWALK W/ 2' BUFFER SCALE: 1"=10'



SECTION A-A
NO SCALE

*1.56% MAX IN PEDESTRIAN ACCESS ROUTE
AT LOCATIONS WHERE THERE IS NO SIDEWALK
SEE CROSS SECTIONS

ENTRANCE SCHEDULE

STATION	TYPE OF ENTRANCE	WIDTH "A"	LENGTH "B"	LENGTH "C"	P.C.C. DRIVEWAY PAVT., 6" (SQ. YDS.)	P.C.C. DRIVEWAY PAVT., 7" (SQ. YDS.)	H-E-S P.C.C. DRIVEWAY PAVT., 7" (SQ. YDS.)	INCIDENTAL HMA SURFACING (TONS)	AGGREGATE SURFACE CSE, TYPE B (TONS)
51+87 RT.	C.E.	24.0'	6.0'	6.42'	-	18.5	-	-	6.3
52+48.50 RT.	P.E.	12.0'	6.0'	10.82'	10.6	-	-	-	4.4
53+10.53 LT.	C.E.	15.0'	6.0'	65.42'	-	-	12.6	31.1	-
53+51 LT.	P.E.	24.0'	6.0'	-	18.6	-	-	-	-
54+13 RT.	P.E.	20.0'	6.0'	5.42'	15.9	-	-	-	3.4
54+87 RT.	P.E.	20.0'	6.0'	9.06'	15.6	-	-	-	6.3
55+55 RT.	P.E.	20.0'	6.0'	7.42'	15.9	-	-	-	5.3
56+44 RT.	P.E.	14.0'	6.0'	20.95'	11.6	-	-	-	9.9
57+29 LT.	P.E.	24.0'	6.0'	33.16'	18.7	-	-	-	22.1
57+54 RT.	C.E.	26.0'	6.0'	18.41'	-	19.7	-	21.6	-
57+91.21 LT.	C.E.	62.0'	6.0'	11.95'	-	42.8	-	31.5	-
59+12 RT.	C.E.	35.0'	6.0'	21.85'	-	25.9	-	51.7	-
61+35 RT.	C.E.	32.0'	6.0'	14.43'	-	23.9	-	19.7	-
TOTALS					106.9	130.6	12.6	155.6	57.7

NOTE: REMOVAL ITEMS ARE SHOWN ON THE "REMOVAL ITEMS" PLANS.

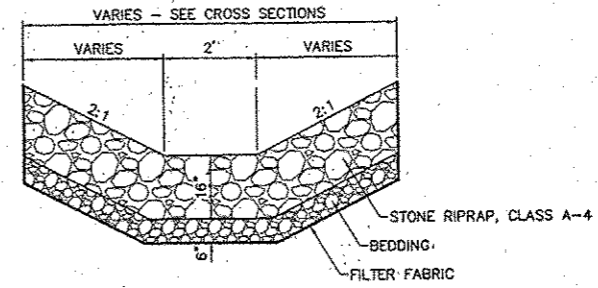
REVISIONS

Sheppard, Morgan & Schwaab, Inc.
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215 Market Street, P.O. Box E, Abena, IL 60202 815/622-9795 E-mail: rms@smsengineers.com
19 Clearfield Drive, Suite 3, Graysville, IL 62501 618/377-3700 E-mail: ms@smsengineers.com
DESIGN FIRM # 184-000892

SMS ENGINEERS

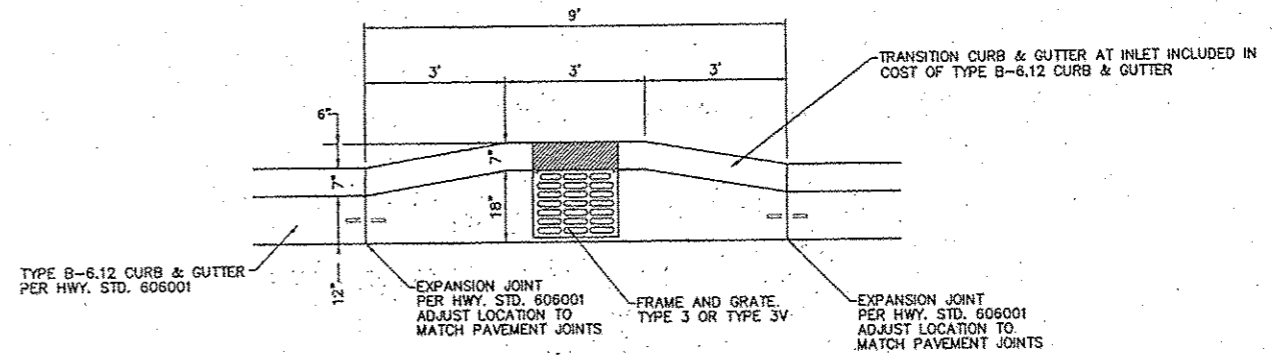
VILLAGE OF BRUSSELS, ILLINOIS
SECTION 09-00001-01-PV
MAIN STREET (CO. HWY. NO.1 EXT.) - PHASE 1
ENTRANCE SCHEDULE AND DETAILS

CONTRACT NO.	97569
DWG. NO.	BR MAIN CONST DETAILS 4.DWG
REF. BK.	PG.
ISS. NO.	
DSN. BY:	DEC
DWN. BY:	CDP
CHK. BY:	DEC
DATE:	FEBRUARY, 2015
SCALE:	VARIES
SHEET	22 OF 39

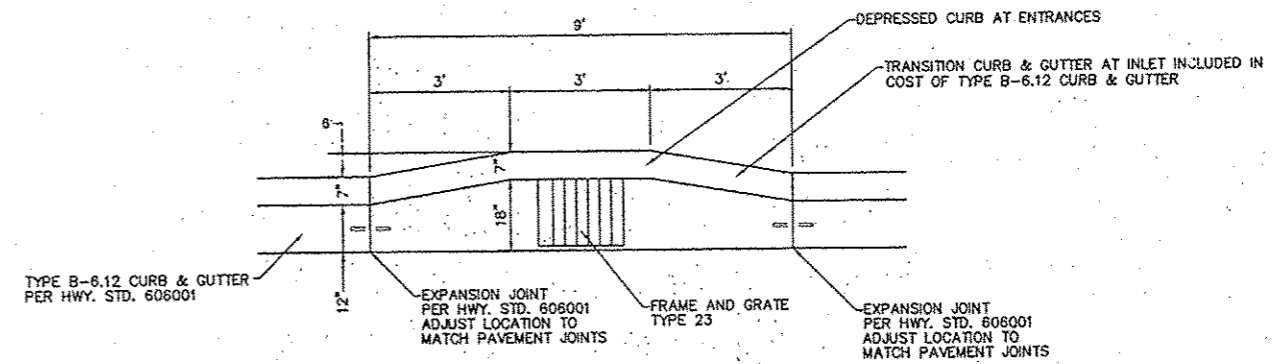


**TYPICAL SECTION
RIPRAP**
NO SCALE

NOTE: THE CONTRACTOR SHALL EXCAVATE AND PLACE 10 TONS OF RIPRAP AT THE DOWNSTREAM END OF THE EXISTING 10 INCH DRAIN DOWNSTREAM OF INLET 31. AS DIRECTED BY THE ENGINEER.



PLAN DETAIL
CURB & GUTTER AT INLETS - TYPE 3
IN TYPE B-6.12 CURB & GUTTER



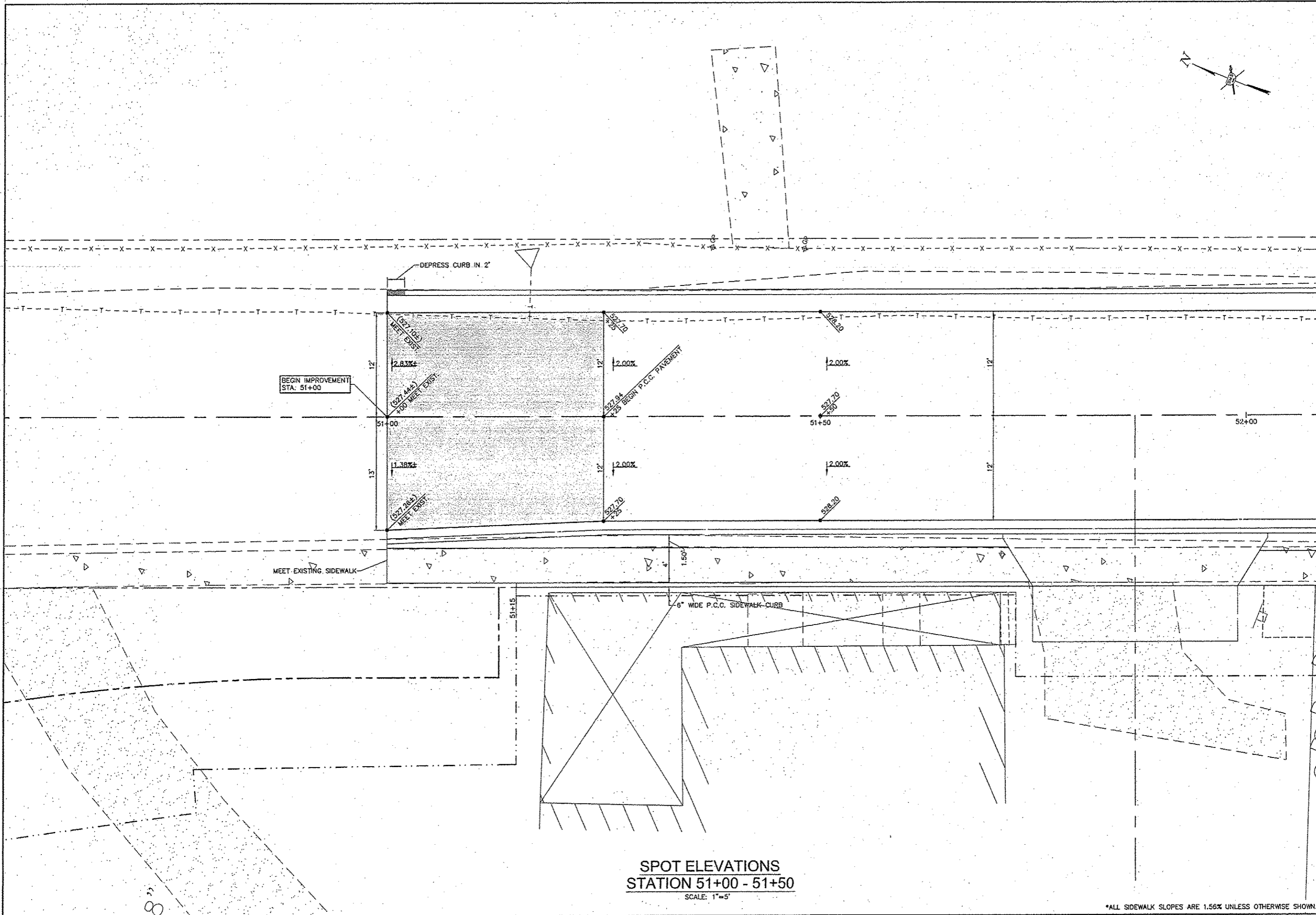
PLAN DETAIL
CURB & GUTTER AT INLETS - TYPE 23
WITH DEPRESSED CURBS AT ENTRANCES

NO.	DESCRIPTION

SMS Sheppard, Morgan & Schwab, Inc.
ENGINEERS CONSULTING ENGINEERS AND LAND SURVEYORS
715 Market Street, P.O. Box E, Alton, IL 62002 618/462-9765 E-mail: mail@smsengineers.com
10 Central Industrial Drive, Suite 3, Grant City, IL 62040 618/777-4700 E-mail: mail@smsengineers.com
DESIGN FIRM # 184-000992

VILLAGE OF BRUSSELS, ILLINOIS
SECTION 09-00001-01-PV
MAIN STREET (CO. HWY. NO. 1 EXT.) - PHASE 1
CONSTRUCTION DETAILS

CONTRACT NO.	97569
DWG. NO.	
REF. BK.	PG.
JOB NO.	
DSN. BY:	DEG
DWN. BY:	CDP
CHK. BY:	DEG
DATE:	FEBRUARY, 2015
SCALE:	1" = 5'
SHEET	23 OF 39



SPOT ELEVATIONS
 STATION 51+00 - 51+50
 SCALE: 1"=5'

REVISIONS

SMS ENGINEERS
 Sheppard, Morgan & Schwab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
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 10 Central Expressway, Suite 3, Granite City, IL 62040 618-391-9700 Email: ms@smsengineers.com
 DESIGN FIRM # 184-000992

VILLAGE OF BRUSSELS, ILLINOIS
 SECTION 09-00001-01-PV
 MAIN STREET (CO. HWY. NO. 1 EXT.) - PHASE 1
 CONSTRUCTION DETAILS

CONTRACT NO.
 97569

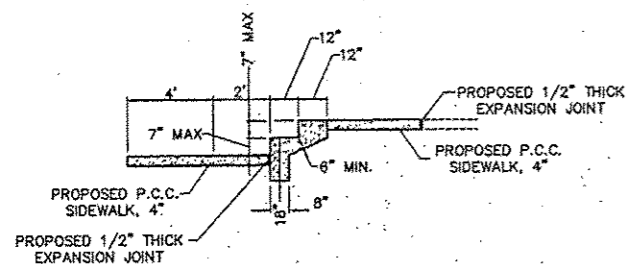
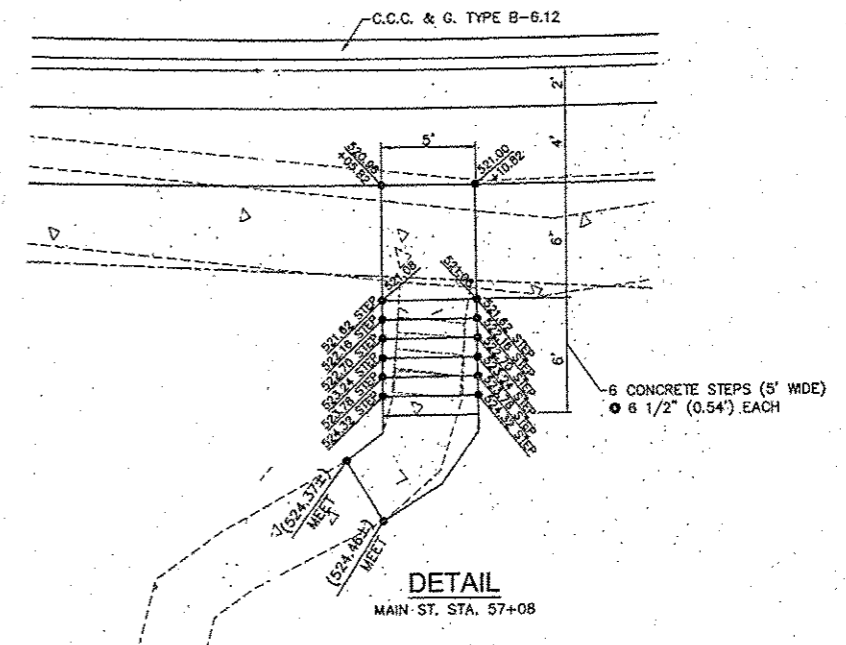
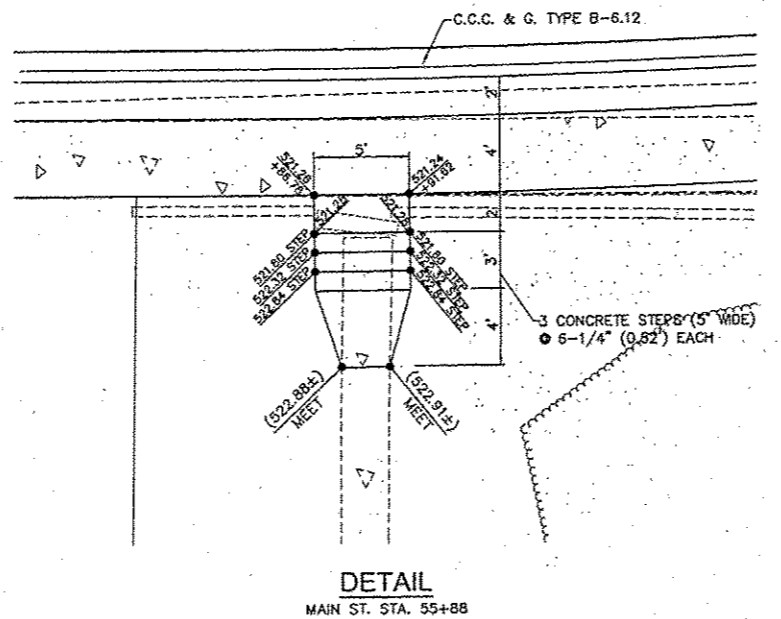
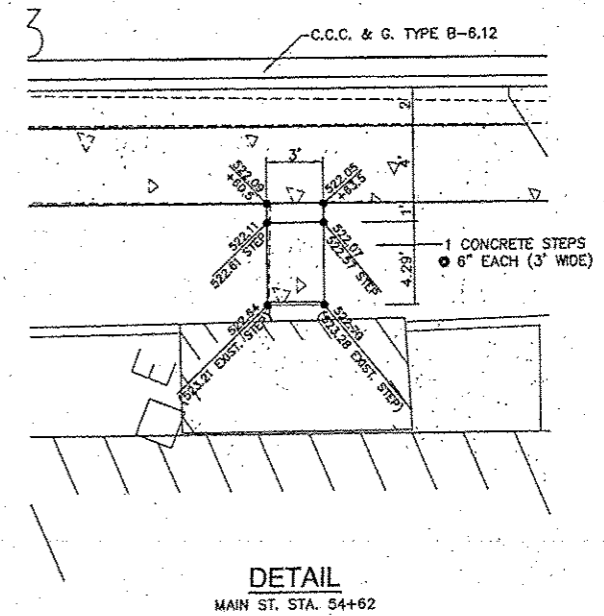
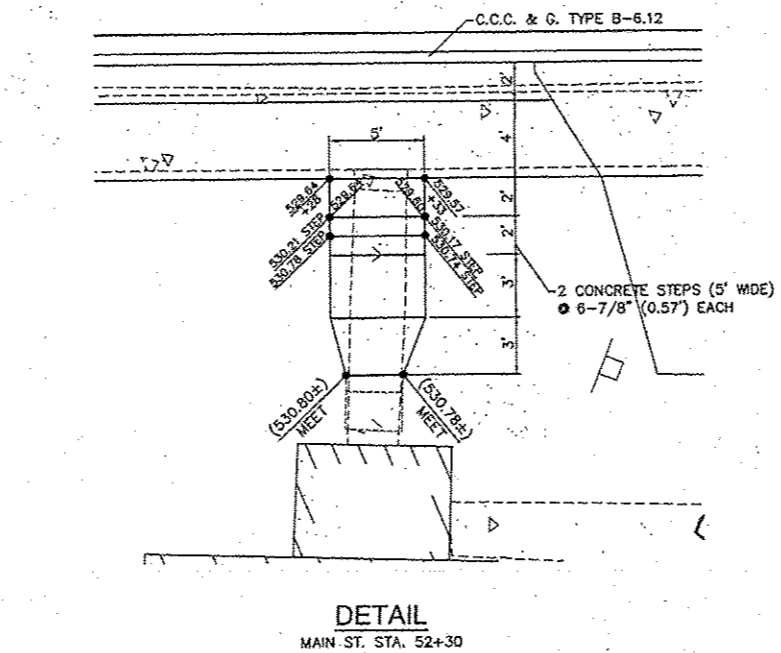
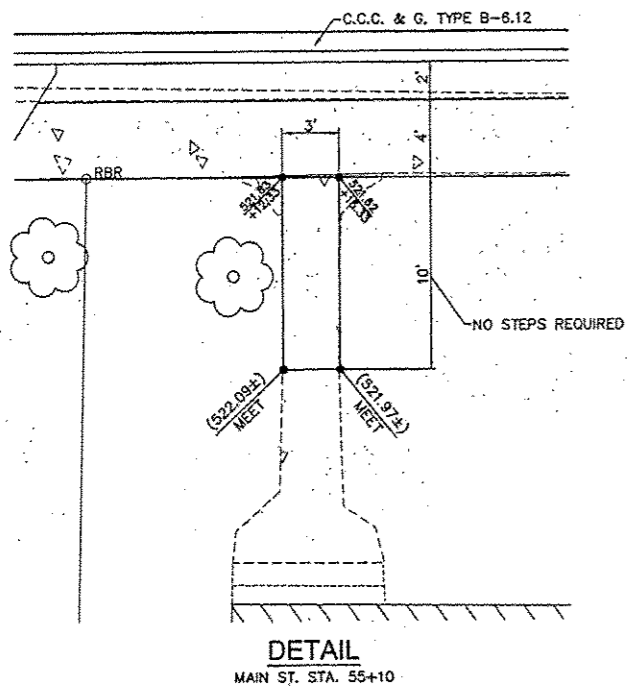
2015 BRUSSELS DETALS 2.DWG

REF. BK.	PG.
JOB NO.	217800.2
DSN. BY.	DEC
DWN. BY.	CDP
CHK. BY.	DEC
DATE:	FEBRUARY, 2015

SCALE: 1" = 5'

SHEET 24 OF 39

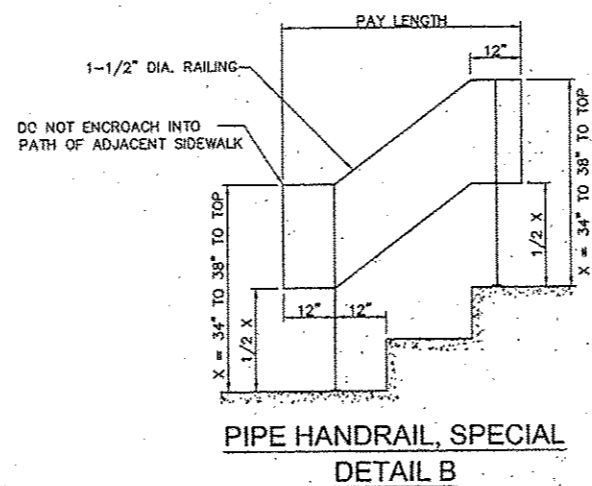
*ALL SIDEWALK SLOPES ARE 1.56% UNLESS OTHERWISE SHOWN.



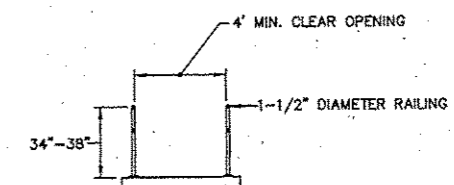
NOTES:

1. USE AS MANY STAIR TREADS AS NEEDED TO MATCH EXISTING CONDITIONS.
2. ALL RISERS MUST BE THE SAME HEIGHT.
3. SIDEWALKS SHALL BE CONSTRUCTED ON A GRADE OF 5% OR LESS TO AVOID THE USE OF STEPS WHERE POSSIBLE.
4. LOCATIONS WITH ONLY ONE STEP MAY BE POURED MONOLITHIC WITH UPPER SIDEWALK.

DETAIL A
CONCRETE STEPS



PIPE HANDRAIL, SPECIAL
DETAIL B



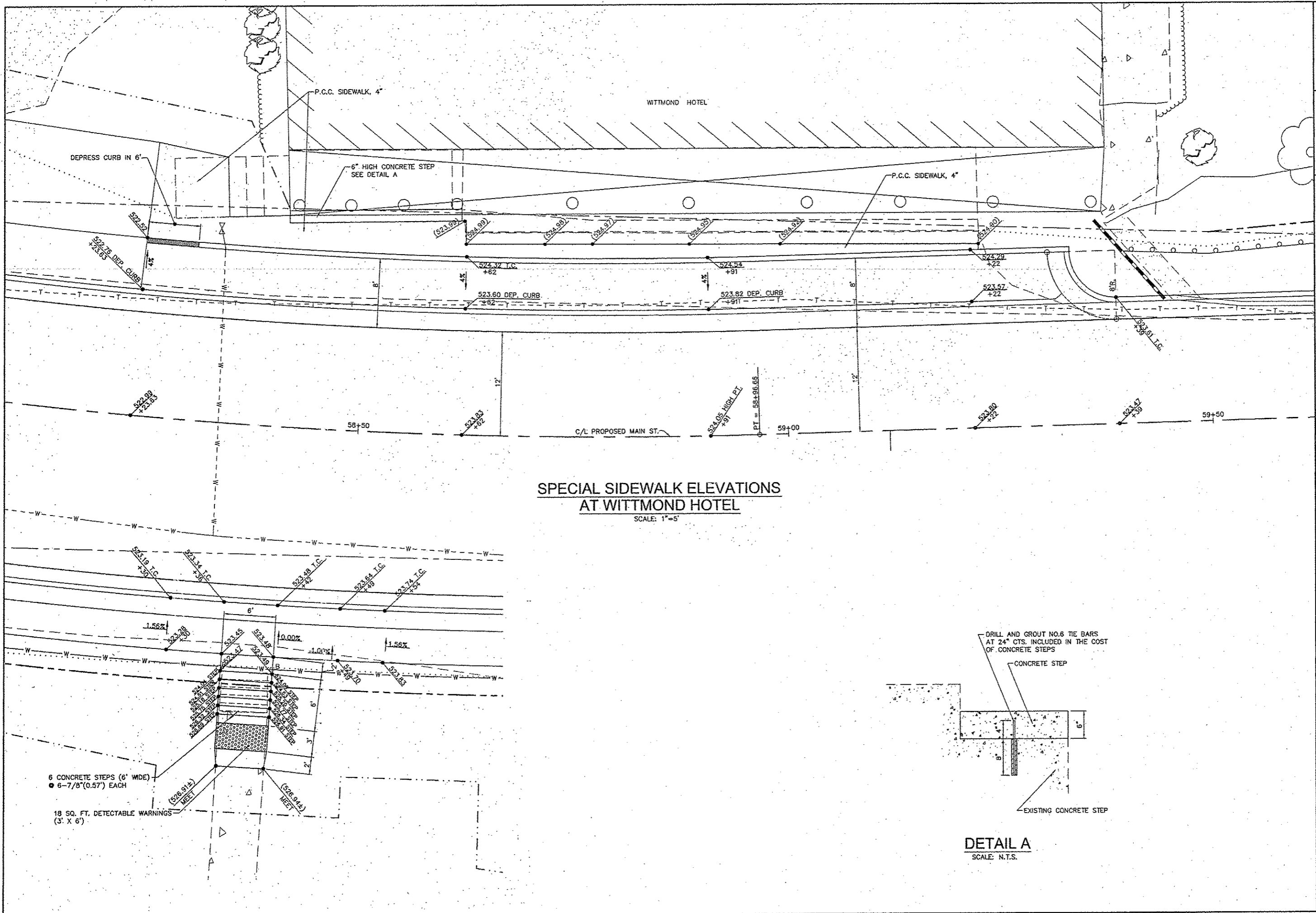
PIPE HANDRAIL, SPECIAL
DETAIL C

REVISIONS

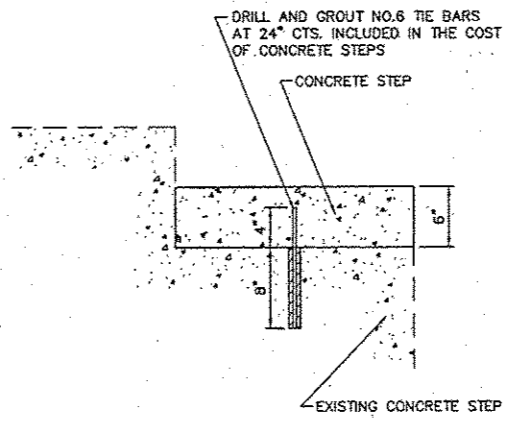
SMS ENGINEERS
SHEPPARD, MORGAN & SCHWAAB, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS
215 Harvard Street, P.O. Box E, Albany, N.Y. 12202, 518-462-9755 E-mail: me@smsengineers.com
10 Central Expressway, Suite 3, Coxsack, N.Y. 12045, 518-877-8700 E-mail: me@smsengineers.com
DESIGN FIRM # 184-000992

VILLAGE OF BRUSSELS, ILLINOIS
SECTION 09-00001-01-PV
MAIN STREET (CO. HWY. NO.1 EXT.) - PHASE 1
CONSTRUCTION DETAILS

CONTRACT NO. 97569
DWG. NO. 2015 09 00001-01-01-01
REF: BK. PG.
JOB NO.
DESIGN BY: DEG
DRAWN BY: CDP
CHK. BY: DEG
DATE: FEBRUARY, 2015
SCALE: VARIES
SHEET 25 OF 39



**SPECIAL SIDEWALK ELEVATIONS
AT WITTMOND HOTEL**
SCALE: 1"=5'



DETAIL A
SCALE: N.T.S.

6 CONCRETE STEPS (6' WIDE)
• 6-7/8" (0.57") EACH

18 SQ. FT. DETECTABLE WARNINGS
(3' X 6')

REVISIONS

SMS Sheppard, Morgan & Schwaab, Inc.
ENGINEERS
CONSULTING ENGINEERS AND LAND SURVEYORS
315 Main Street, P.O. Box E, Abbe, IL 62002 618-942-9156 E-mail: mail@smsengineers.com
80 Central Industrial Drive, Suite 3, Granite City, IL 62040 618-977-8700 E-mail: mail@smsengineers.com
D/S/CM FIRM # 184-000992

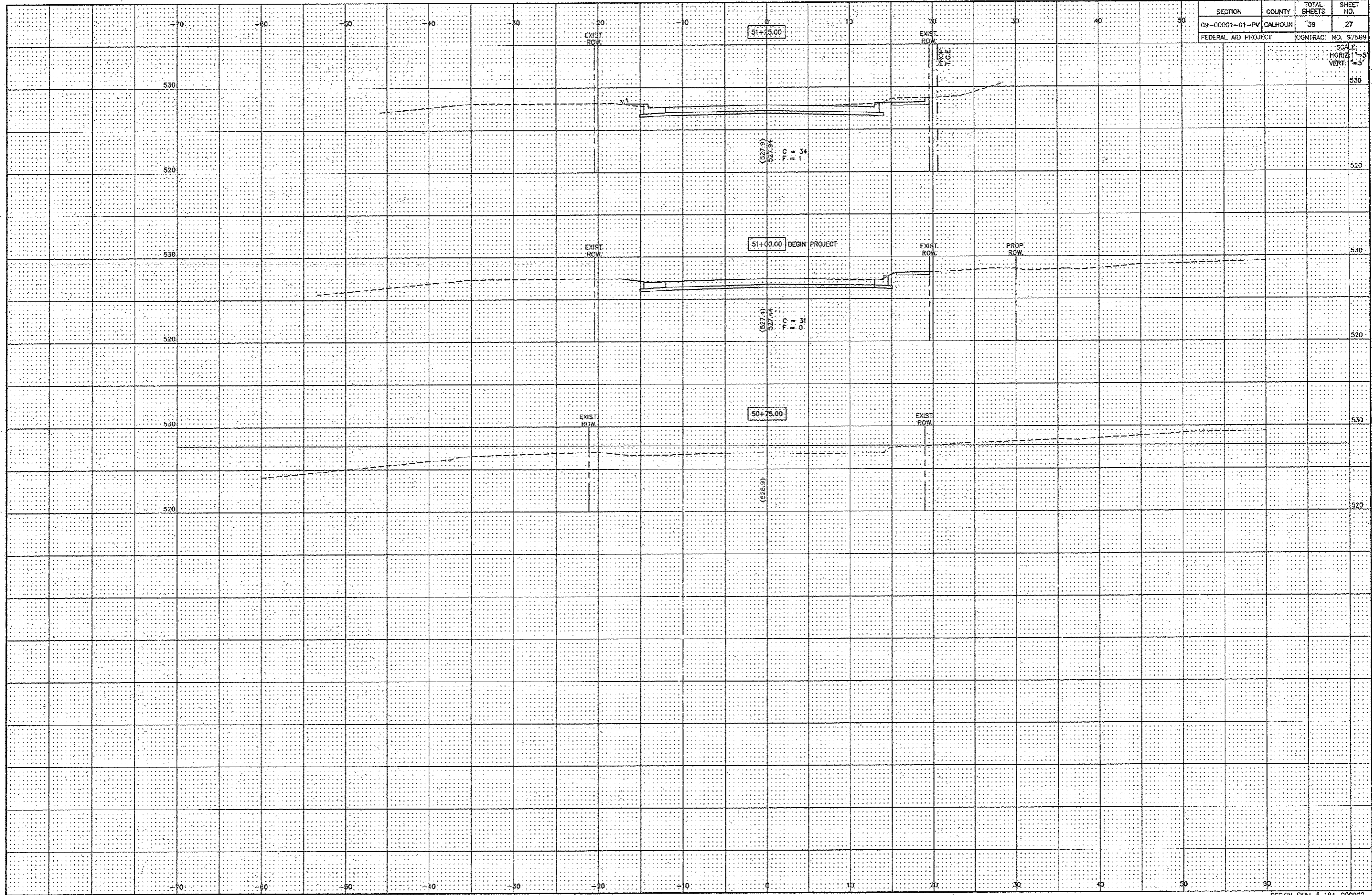
VILLAGE OF BRUSSELS, ILLINOIS
SECTION 09-00001-01-PV
MAIN STREET (CO. HWY. NO.1 EXT.) - PHASE 1
CONSTRUCTION DETAILS

CONTRACT NO. 97569

DWG. NO.	2015 BR MAIN CONST DETAILS.DWG
REF. BK.	PG.
JOB NO.	
DSN. BY:	DEG
DWN. BY:	CDP
CHK. BY:	DEG
DATE:	FEBRUARY, 2015
SCALE:	VARIES
SHEET	26 OF 39

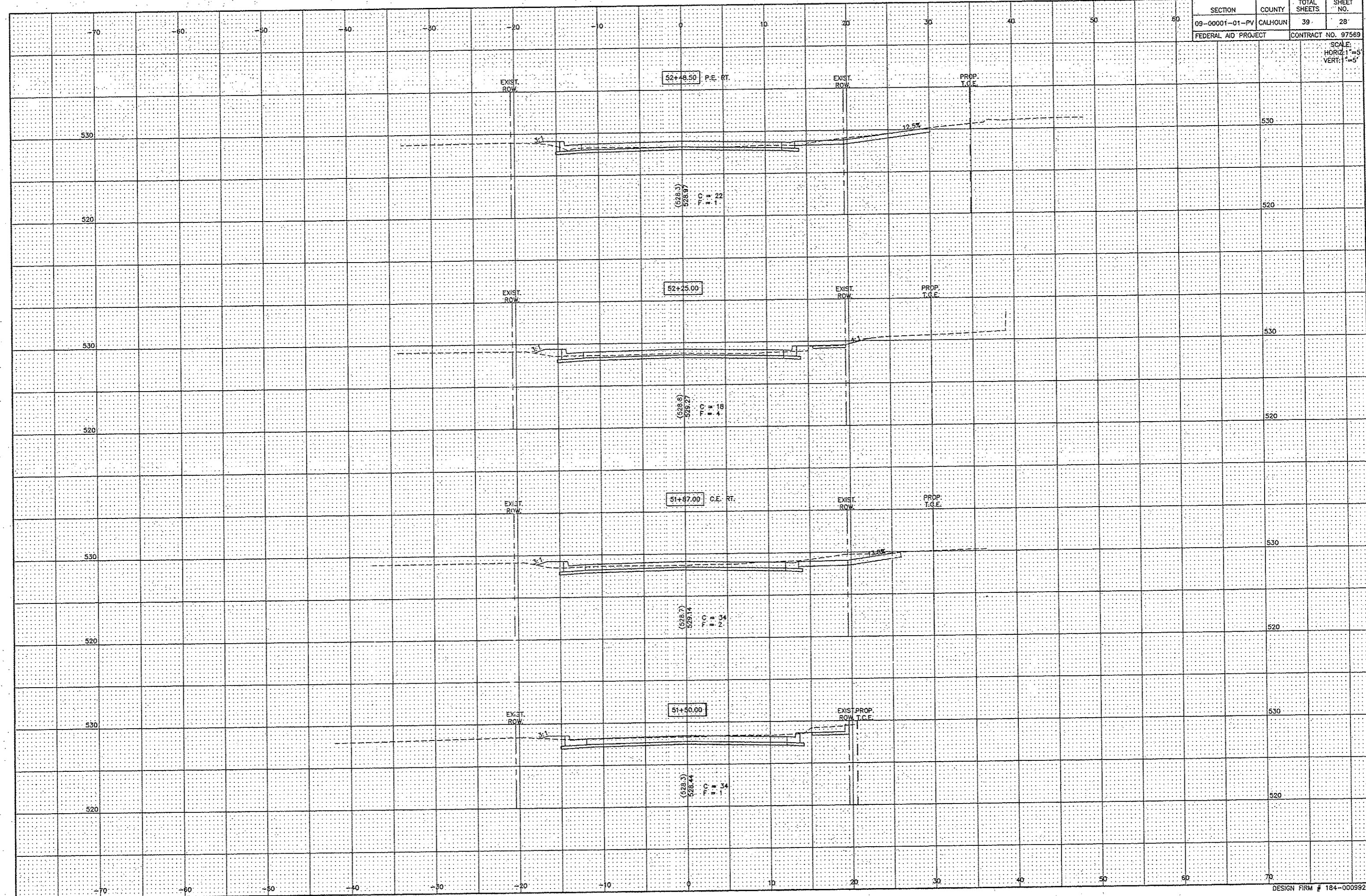
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-0001-01-PV	CALHOUN	39	27
FEDERAL AID PROJECT		CONTRACT NO. 97569	

SCALE:
HORIZ: 1"=5'
VERT: 1"=5'



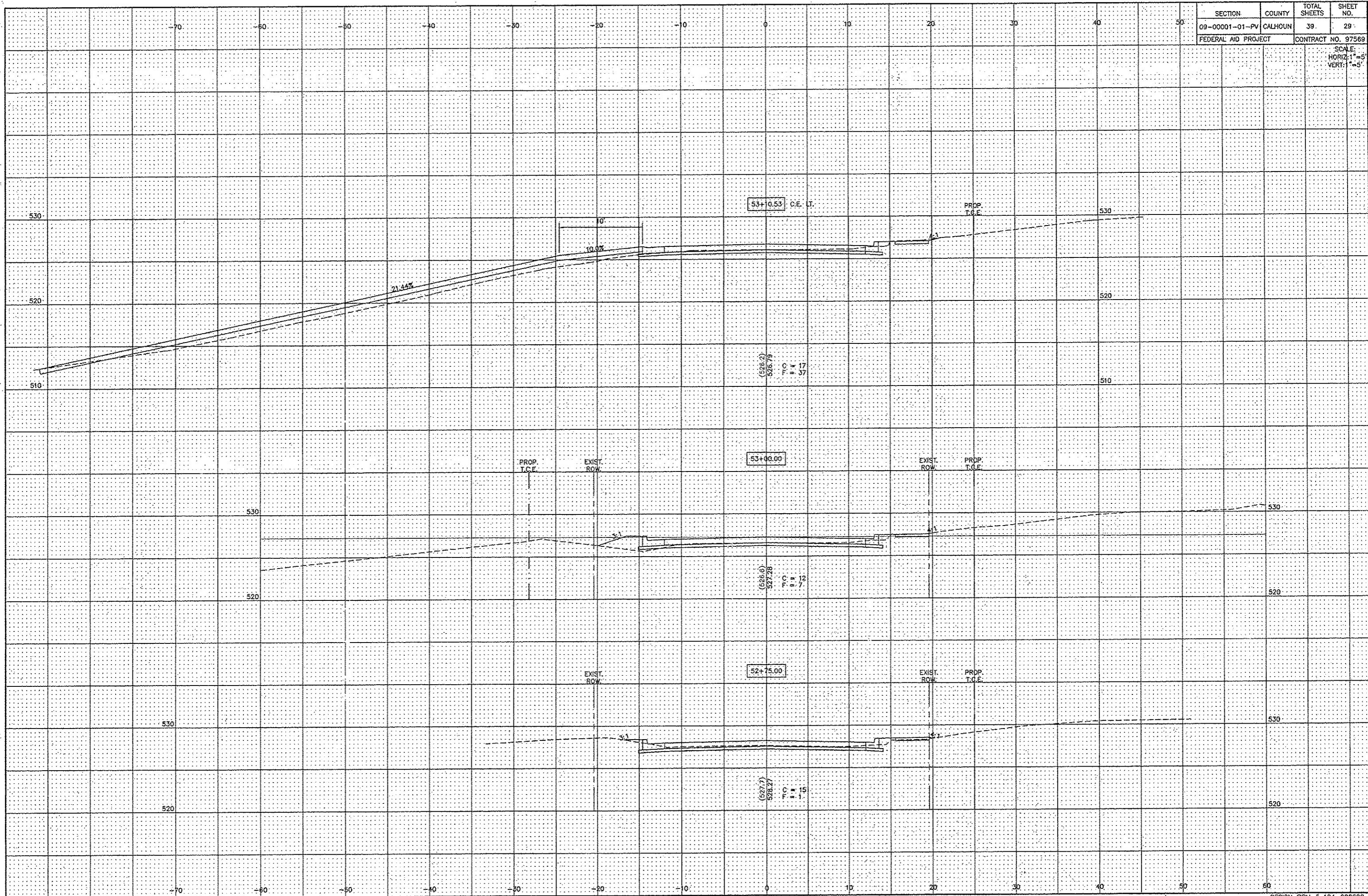
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09-00001-01-PV	CALHOUN	39	28
FEDERAL AID PROJECT		CONTRACT NO. 97569	

SCALE:
HORIZ: 1"=5'
VERT: 1"=5'



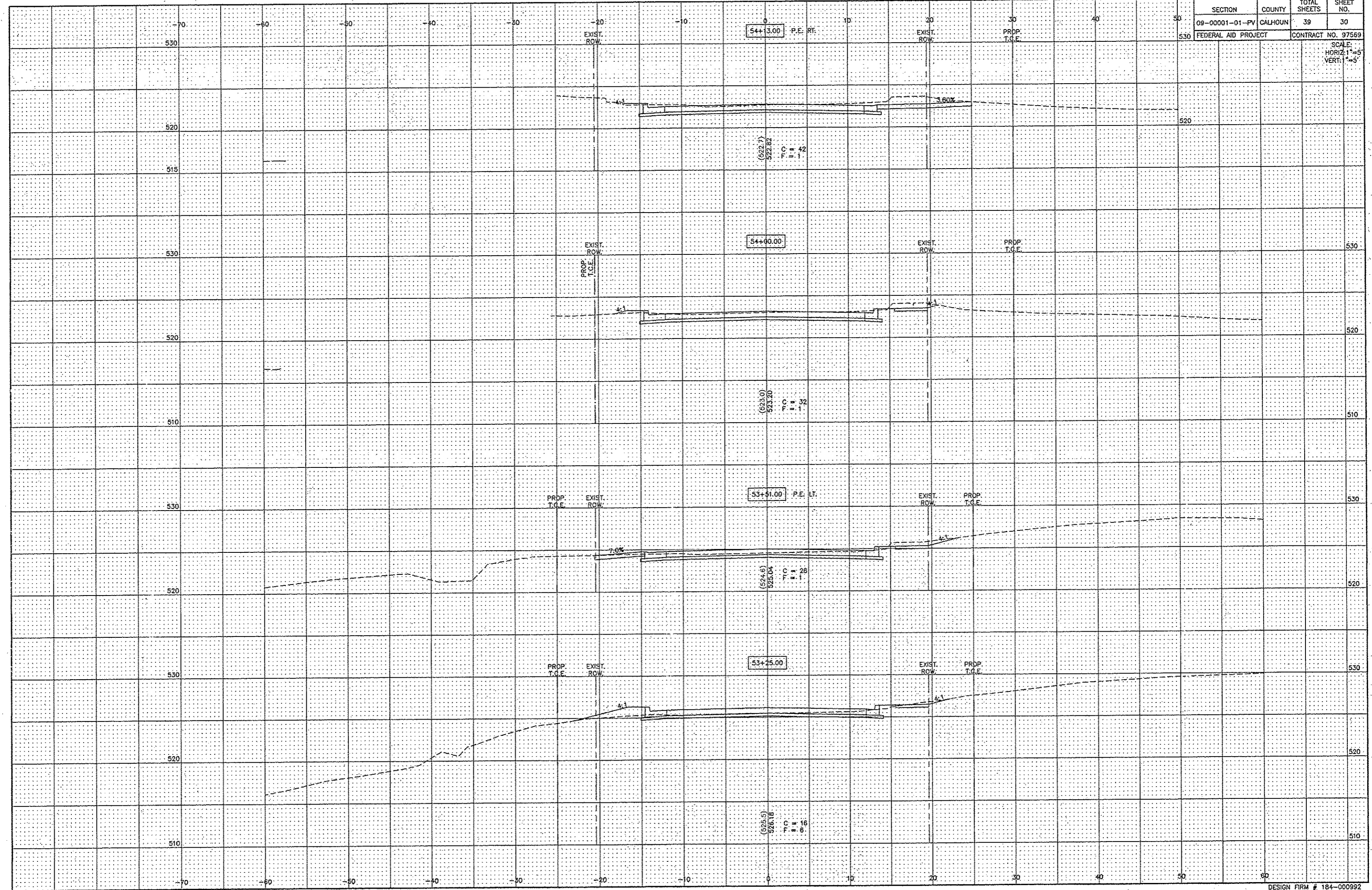
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09-00001-01-PV	CALHOUN	39	29
FEDERAL AID PROJECT		CONTRACT NO. 97569	

SCALE:
HORIZ: 1"=5'
VERT: 1"=5'



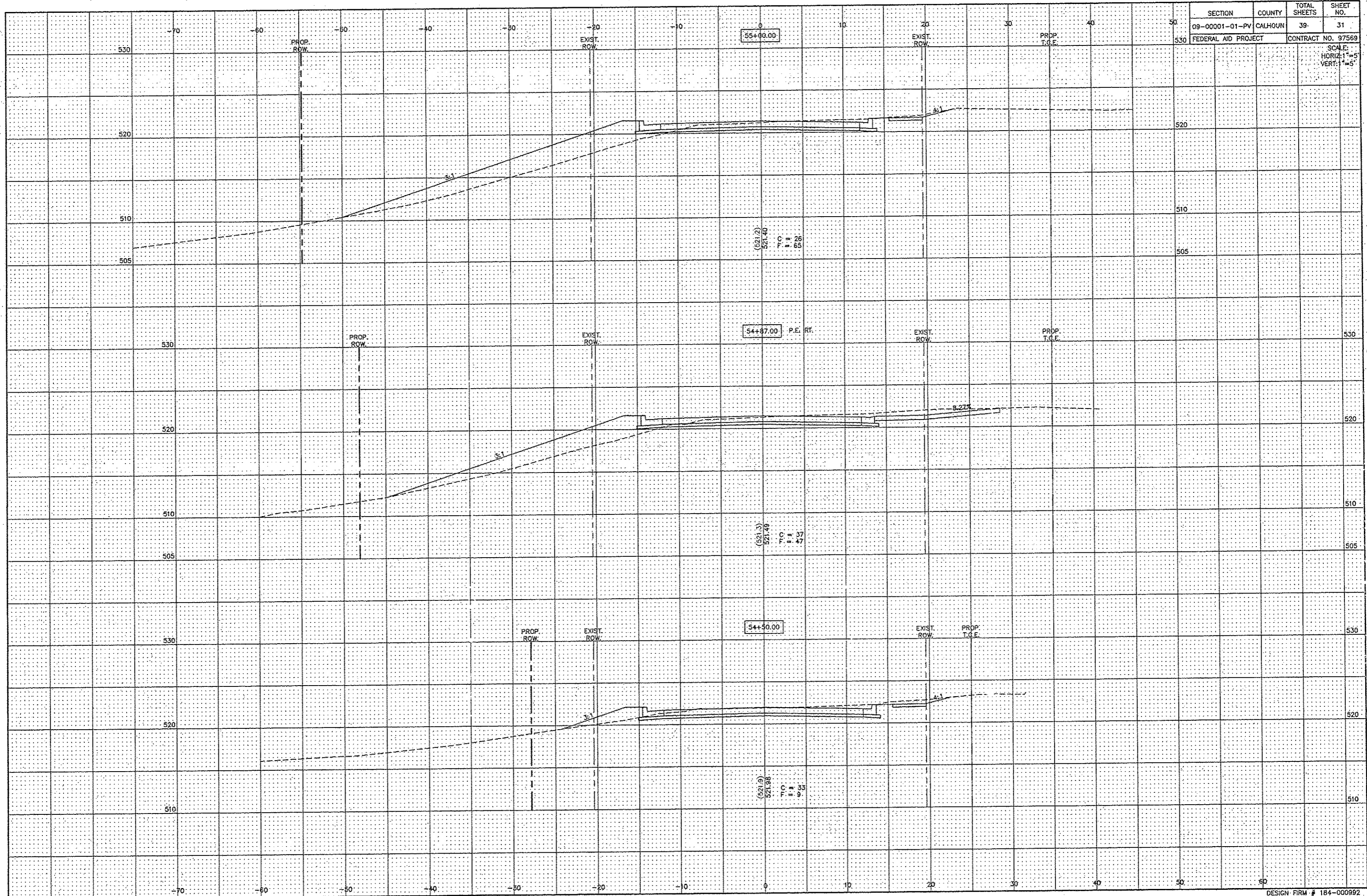
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00001-01-PV	CALHOUN	39	30
FEDERAL AID PROJECT		CONTRACT NO. 97569	

SCALE:
HORIZ. 1"=5'
VERT. 1"=5'



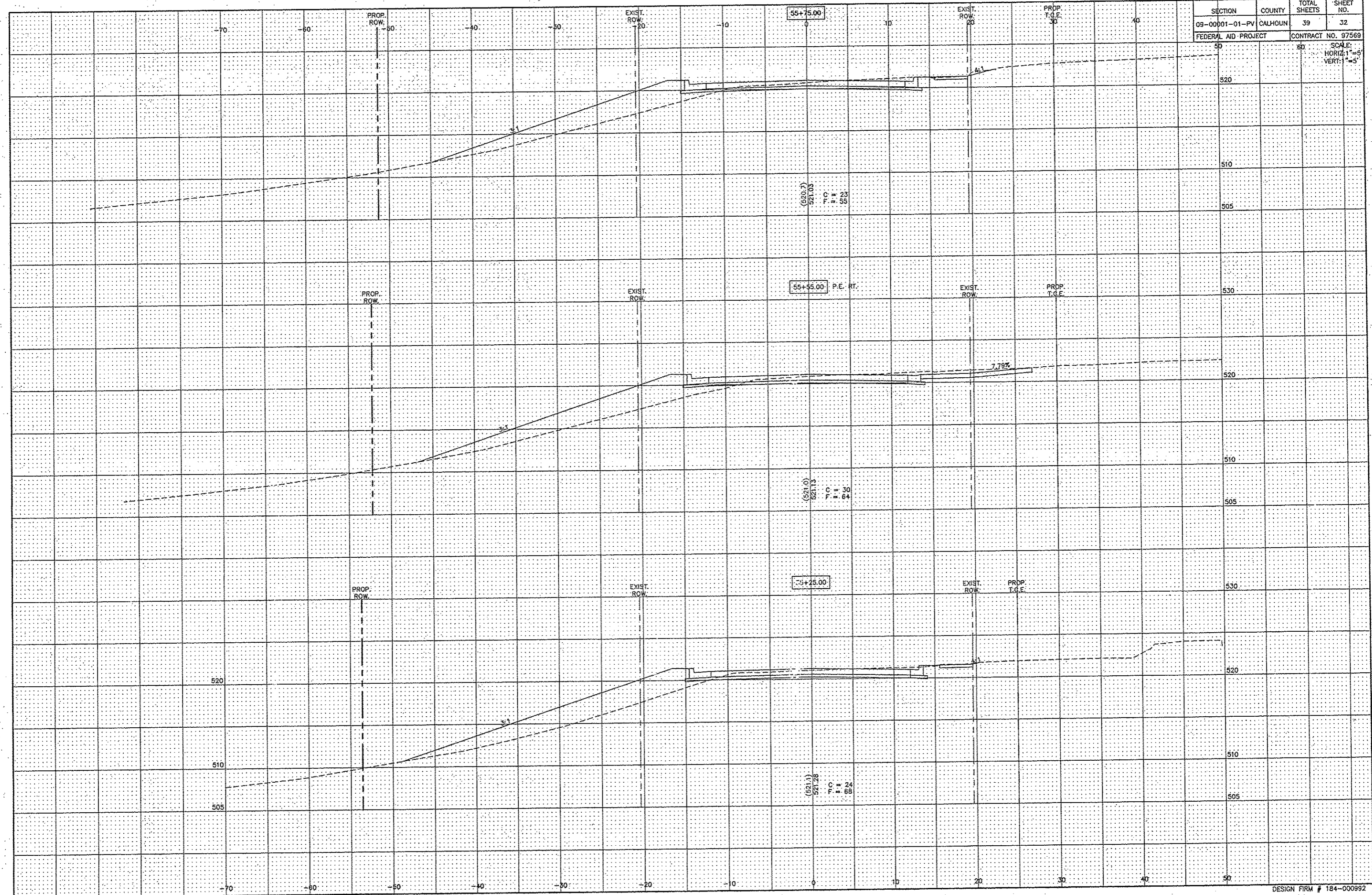
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00001-01-PV	CALHOUN	39	31
FEDERAL AID PROJECT		CONTRACT NO. 97569	

SCALE:
HORIZ: 1"=5'
VERT: 1"=5'

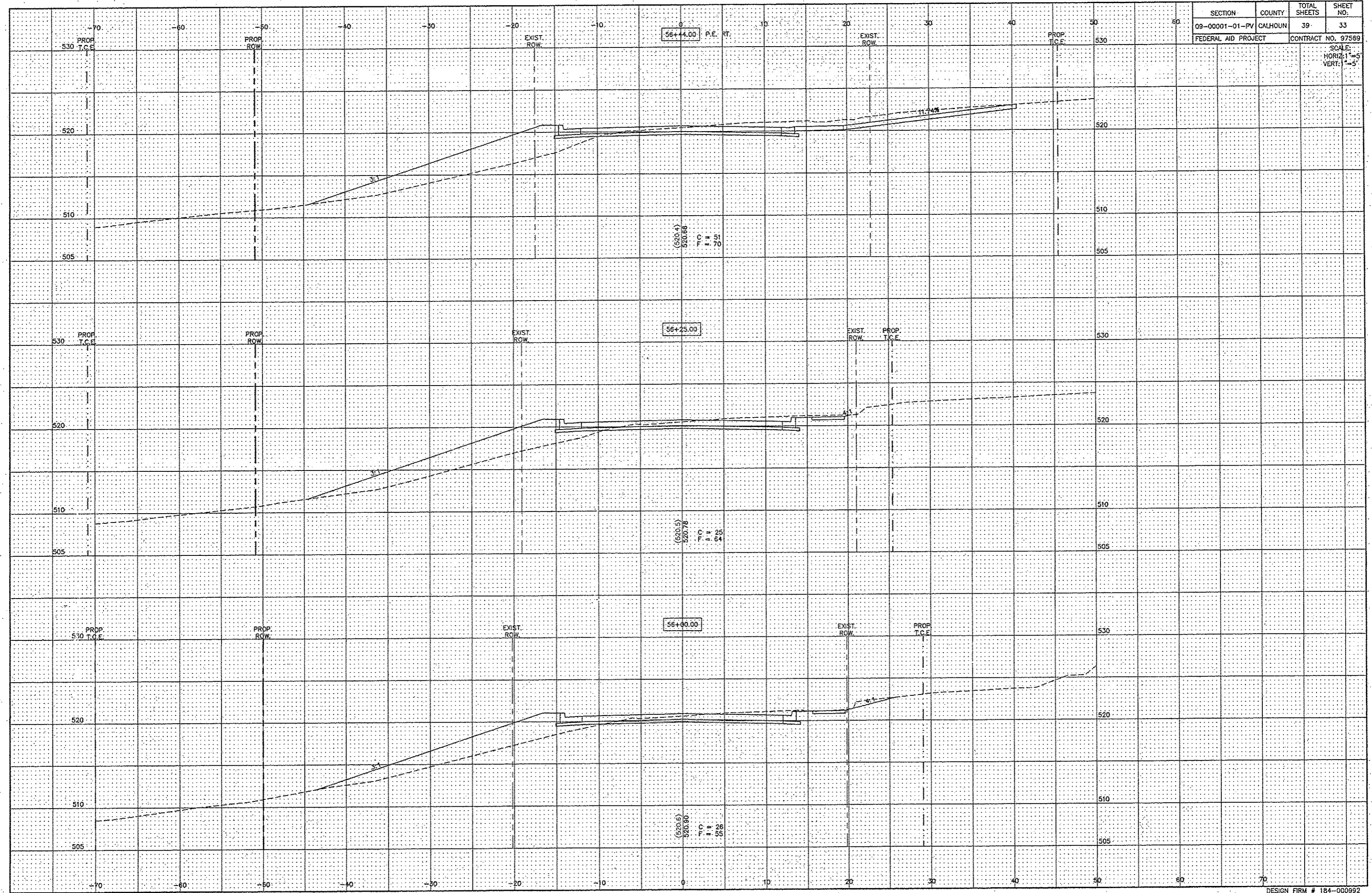


SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-0001-01-PV	CALHOUN	39	32
FEDERAL AID PROJECT		CONTRACT NO. 97569	

SCALE:
HORIZ: 1"=5'
VERT: 1"=5'

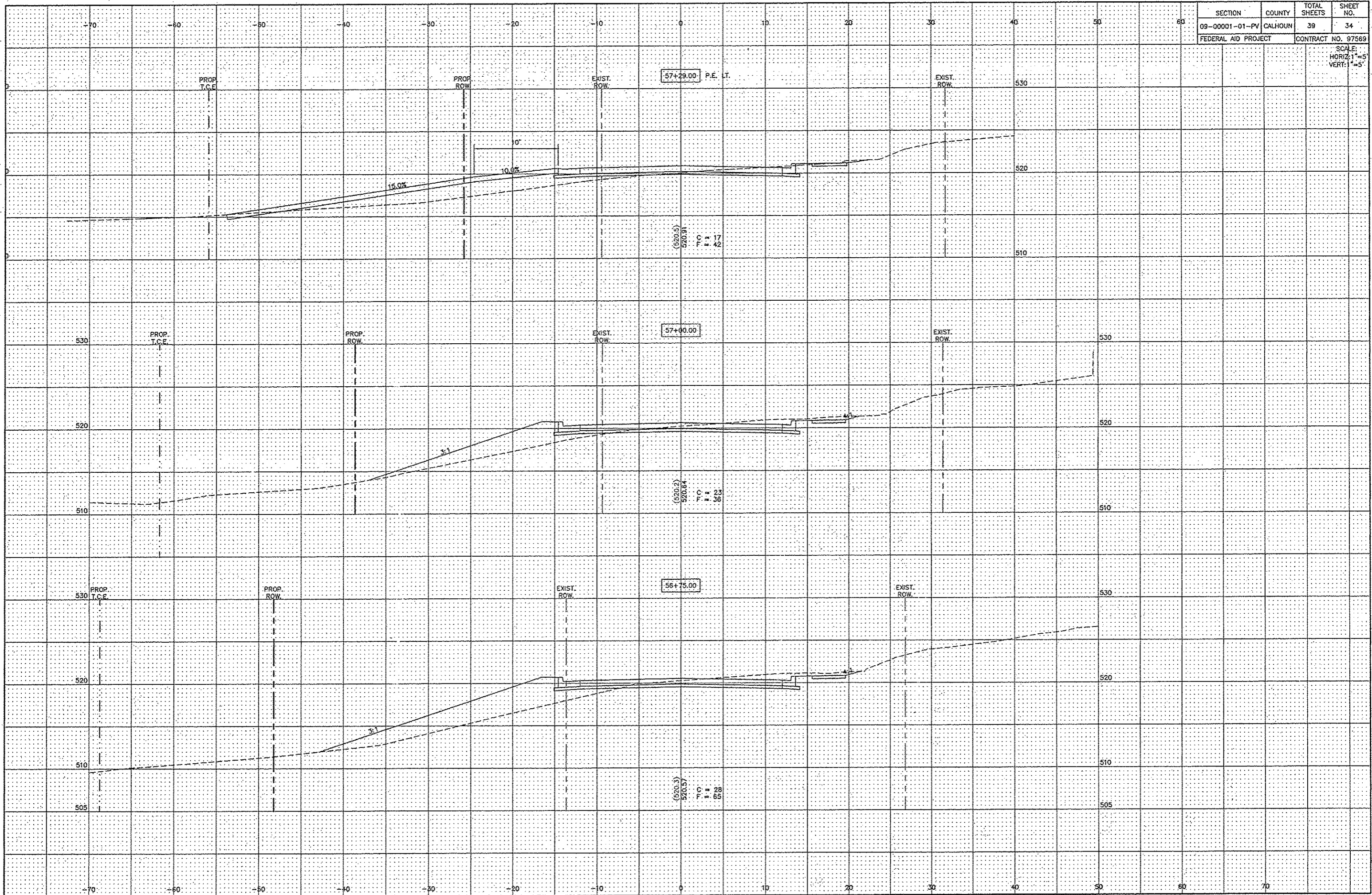


SCALE:
HORIZ: 1"=5'
VERT: 1"=5'

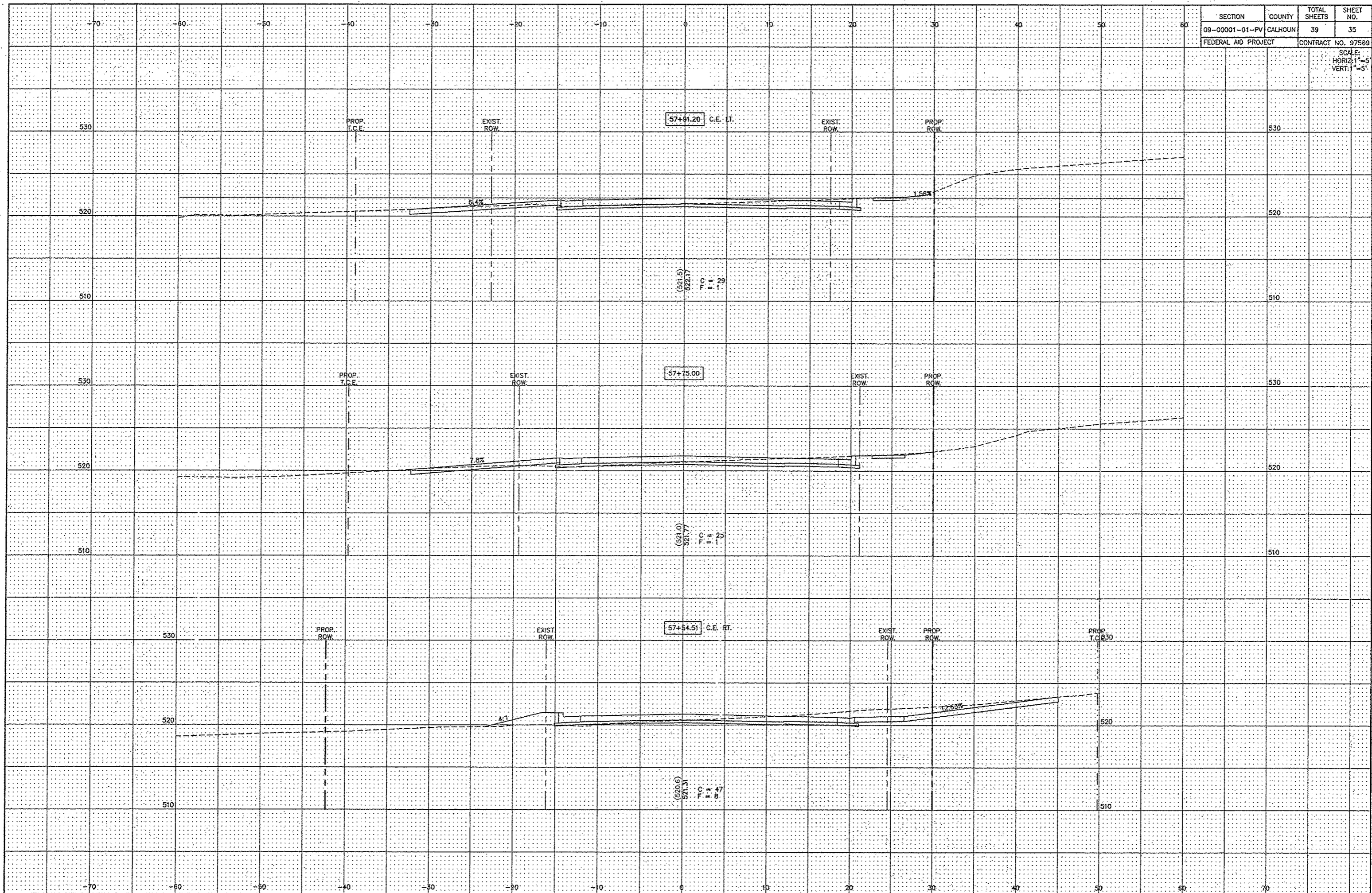


SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00001-01-PV	CALHOUN	39	34
FEDERAL AID PROJECT		CONTRACT NO. 97569	

SCALE:
HORIZ: 1"=5'
VERT: 1"=3'

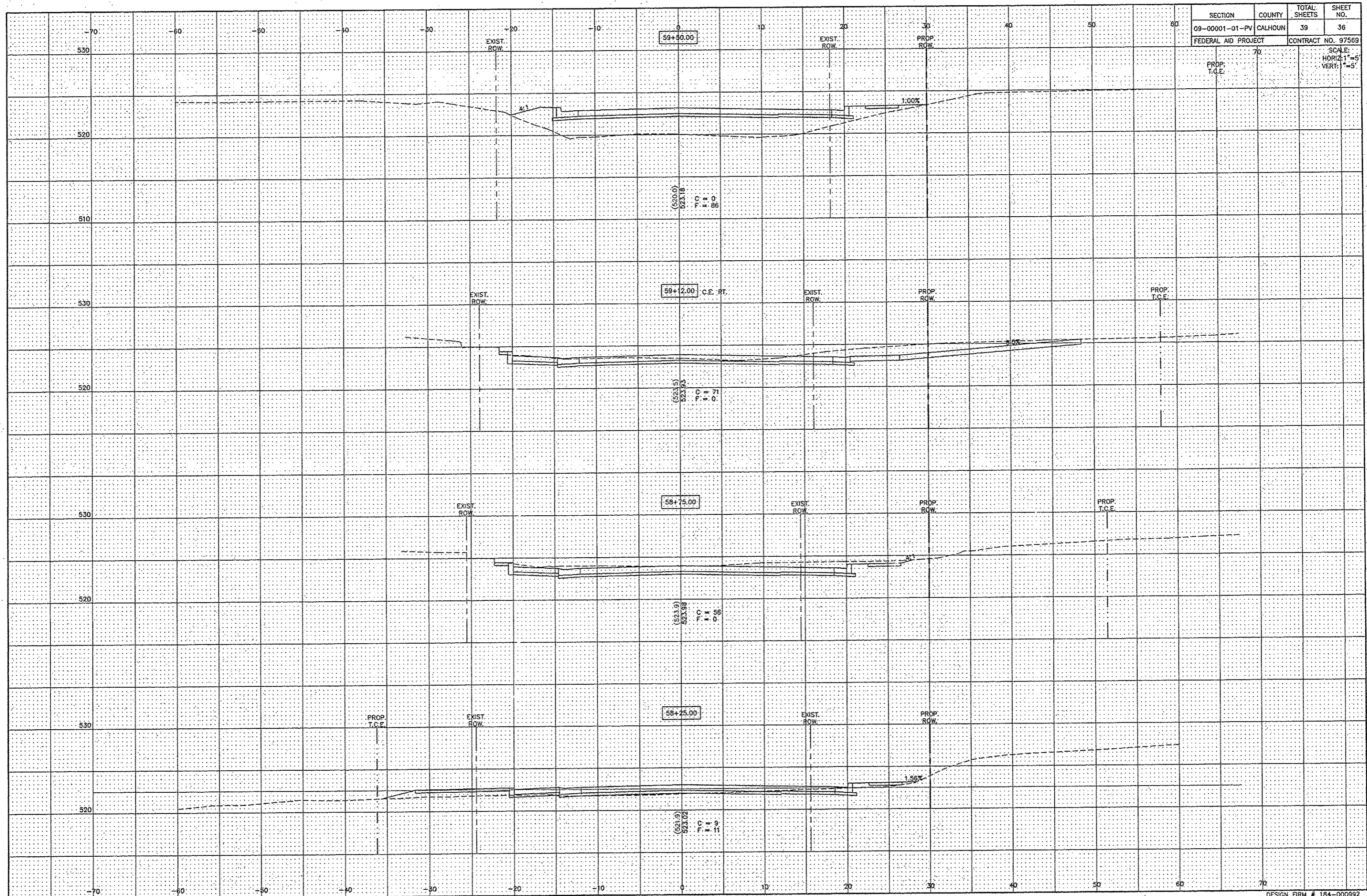


SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-0001-01-PV	CALHOUN	39	35
FEDERAL AID PROJECT		CONTRACT NO. 97569	
SCALE: HORIZ: 1"=5' VERT: 1"=5'			



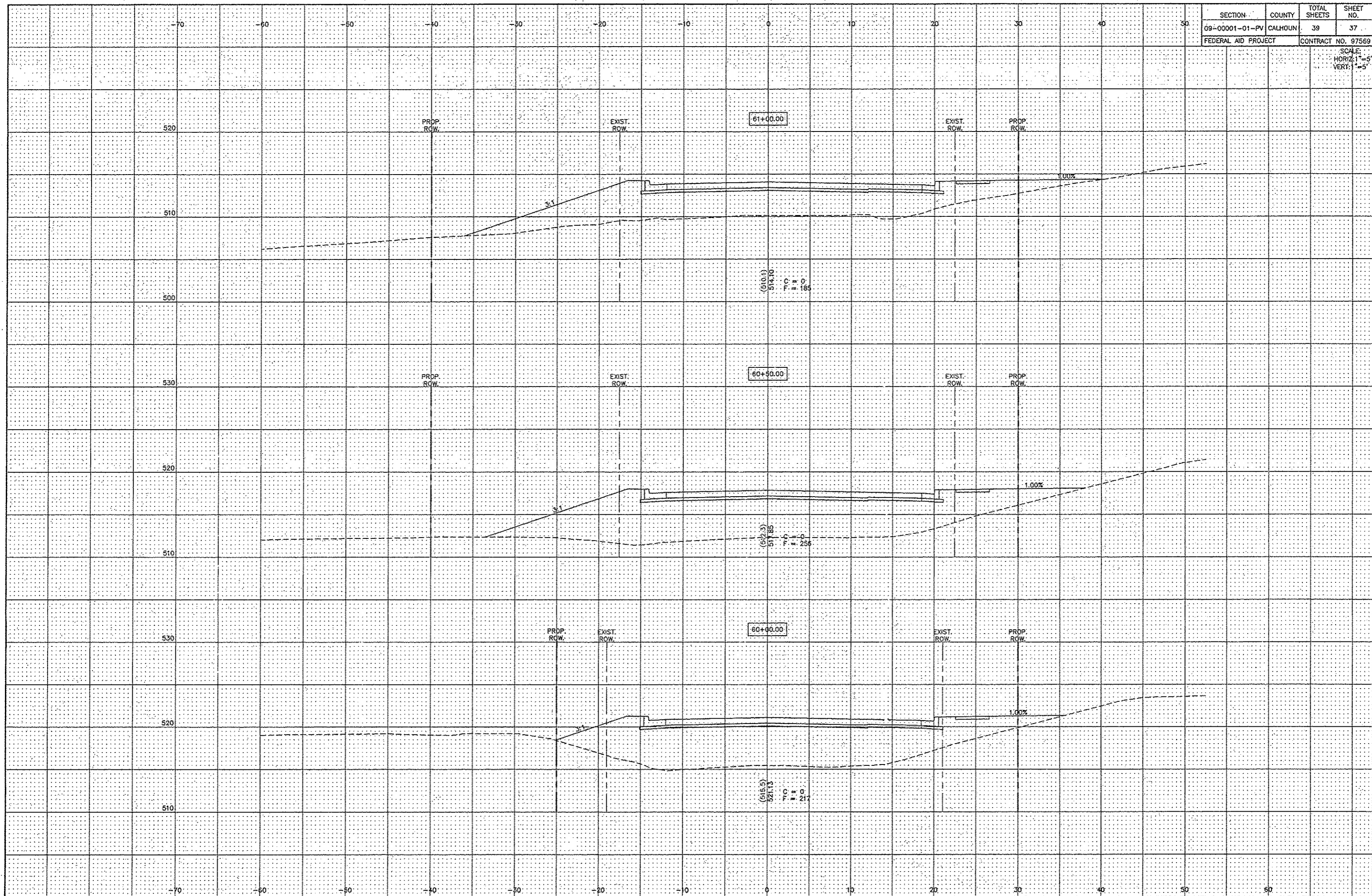
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-0001-01-PV	CALHOUN	39	36
FEDERAL AID PROJECT		CONTRACT NO. 97589	

SCALE:
HORIZ: 1"=5'
VERT: 1"=3'

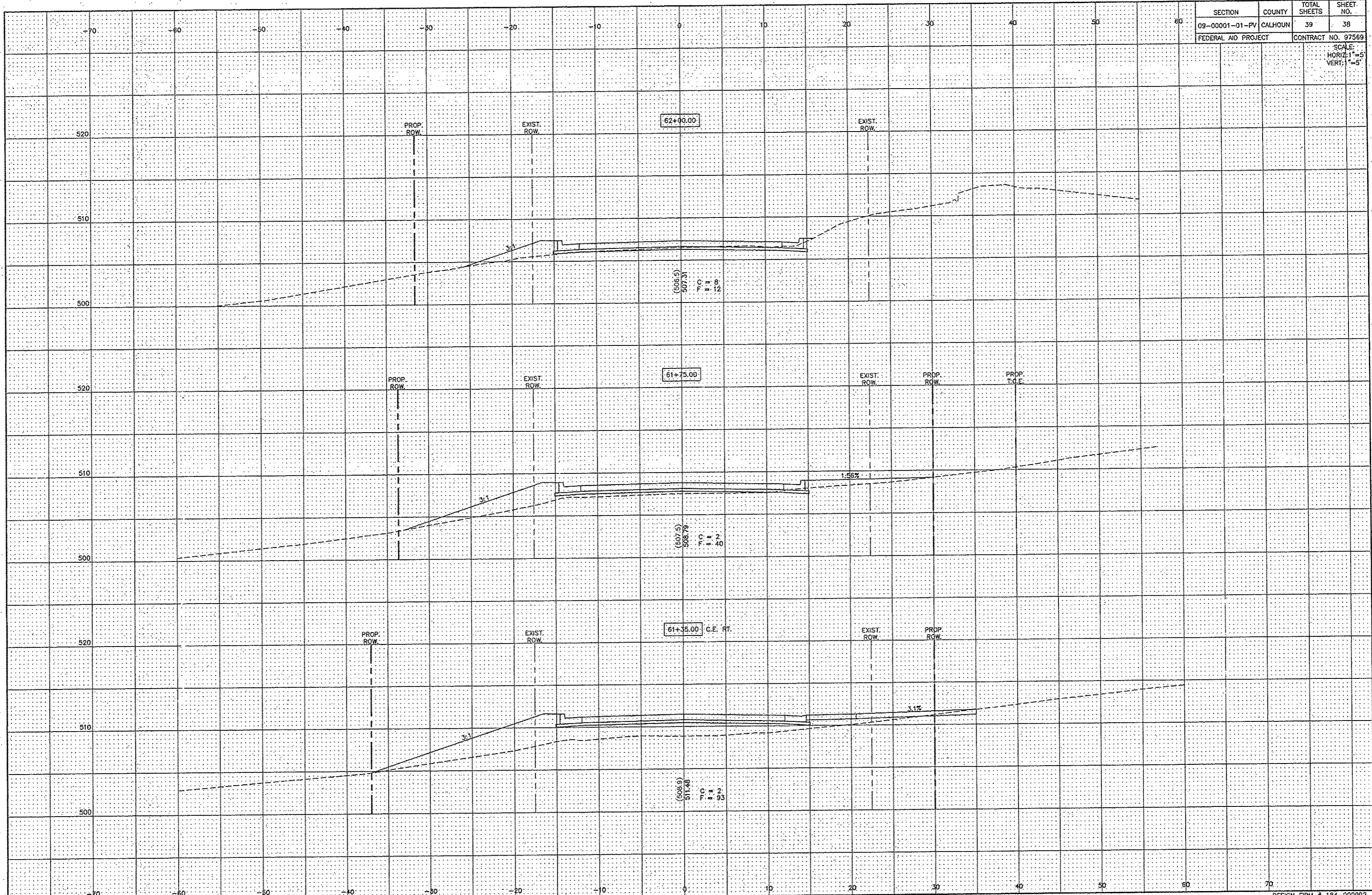


SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00001-01-PV	CALHOUN	39	37
FEDERAL AID PROJECT		CONTRACT NO. 97569	

SCALE:
HORIZ: 1"=5'
VERT: 1"=5'



SCALE:
HORIZ: 1"=5'
VERT: 1"=5'



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00001-01-PV	CALHOUN	39	39
FEDERAL AID PROJECT		CONTRACT NO. 97569	

SCALE:
HORIZ: 1"=5'
VERT: 1"=5'

