

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED
ROBINSON SCHOOL RD. (C.H. 21), BLACKSMITH SHOP RD. (T.R. 211)
& YAEGER RD. (T.R. 156)
SECTION 06-00126-06-SP
PROJECT NO. HRR-0163(29)
JOB NO. C-98-341-07

PRAIRIE DU LONG ROAD DISTRICT
ST. CLAIR COUNTY, ILLINOIS
HIGH RISK RURAL ROADS PROGRAM

F.A.S. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00126-06-SP	ST. CLAIR	15	1
STA. 10+85.00		TO STA. 22+11.90		
FEDERAL AID PROJECT		CONTRACT 97319		

INDEX OF SHEETS

1. COVER SHEET
2. SUMMARY OF QUANTITIES AND GENERAL NOTES
3. TYPICAL SECTIONS
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7. INTERSECTION GEOMETRIC DETAIL
8. TRAFFIC CONTROL DETAIL
- 9.-14. ROADWAY CROSS SECTIONS
15. EROSION CONTROL PLAN

APPLICABLE IDOT HIGHWAY STANDARDS

000001-05	701201-02	701901
280001-04	701301-02	BLR 21-7
701006-02	701311-02	BLR 22-5

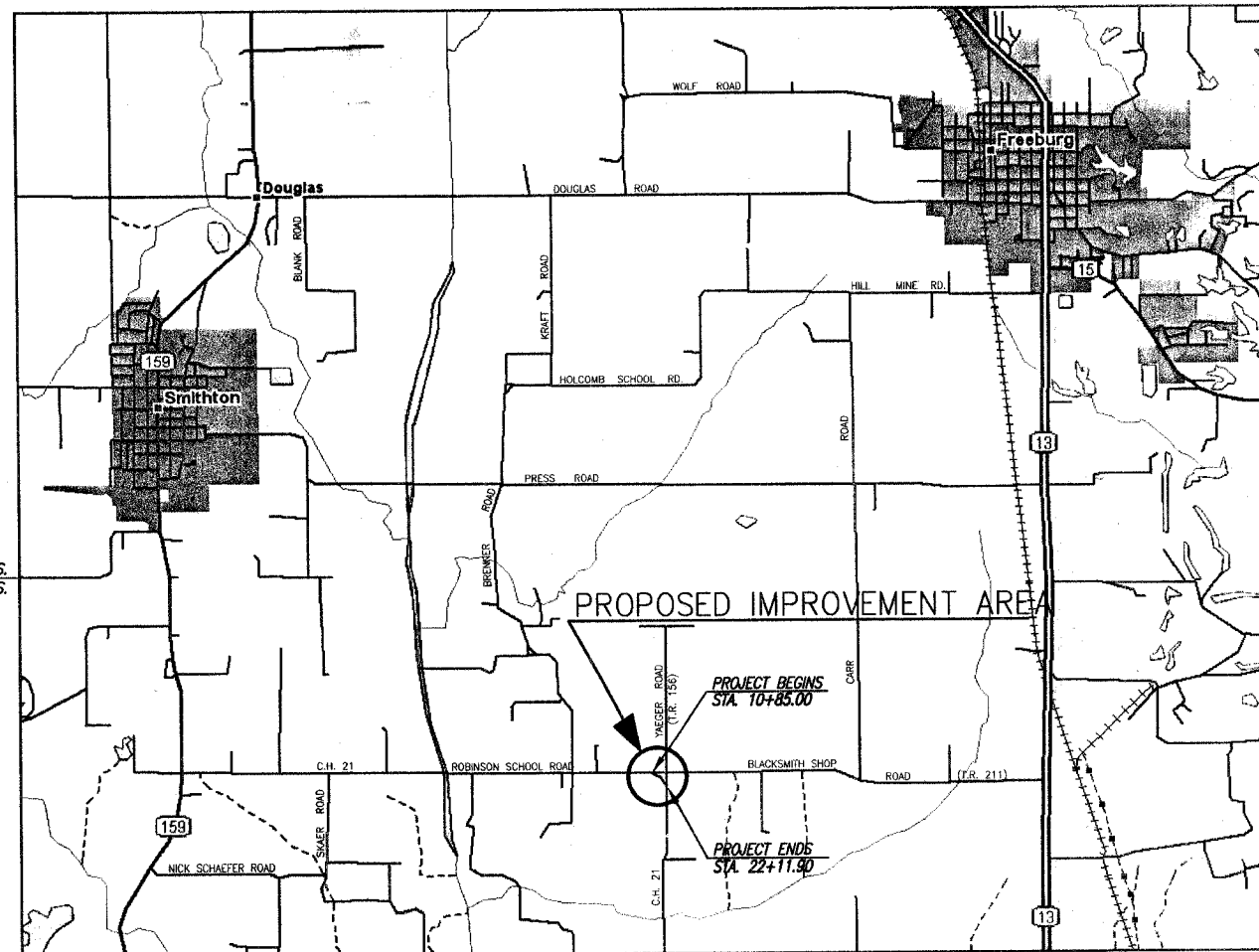
CALL JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (J.U.L.I.E.) BEFORE DIGGING. 800-892-0123

PRAIRIE DU LONG TOWNSHIP (T.2S., R.8W.)
S.W. ¼ OF SECTION 1, S.E. ¼ OF SECTION 2,
N.E. ¼ OF SECTION 11, N.W. ¼ OF SECTION 12,

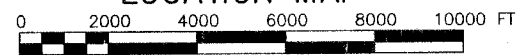
DESIGN DESIGNATION

A.D.T.(2007) 371	A.D.T.(2007) 292
ROBINSON SCHOOL ROAD	BLACKSMITH SHOP ROAD
RURAL MINOR COLLECTOR	RURAL LOCAL ROAD
DESIGN SPEED: 40 MPH	DESIGN SPEED: 30 MPH

PLAN	1" = 50'	50	0	50	100
PROFILE HORIZ.	1" = 50'	SCALE FEET			
PROFILE VERT.	1" = 5'				
CROSS SECTIONS HORIZ.	1" = 5'	5	0	5	10
CROSS SECTIONS VERT.	1" = 5'	SCALE FEET			

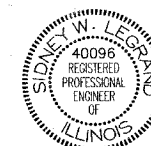


LOCATION MAP



ROBINSON SCHOOL ROAD:	1126.9 FT. = 0.213 MI.
BLACKSMITH SHOP ROAD:	352.4 FT. = 0.067 MI.
YAEGER ROAD:	83.7 FT. = 0.016 MI.

GROSS LENGTH OF PROJECT: 1563.0 FT. = 0.296 MI.



Dany W. LeGrand
Date of Signing: 9/11/07
Date of License Expiration: 11/30/07



PRAIRIE DU LONG ROAD DISTRICT

APPROVED: *Terry L. Stahl* DATE: 9-30-07
ROAD COMMISSIONER

COUNTY OF ST. CLAIR
DEPARTMENT OF ROADS AND BRIDGES

APPROVED: *Darrell T. Cates* DATE: October 8, 2007
DARRELL T. CATES, P.E., COUNTY ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PASSED: *Dany W. LeGrand* DATE: October 15, 2007
DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS

RELEASED FOR BID
BASED ON LIMITED REVIEW: *Mary C. Lamie* DATE: October 15, 2007
MARY C. LAMIE, P.E.
DEPUTY DIRECTOR OF HIGHWAYS
REGION FIVE ENGINEER

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RHUTASEL and ASSOCIATES, INC.

CONSULTING ENGINEERS • LAND SURVEYORS

CORPORATE OFFICE: 4 INDUSTRIAL DRIVE, FREEBURG, ILLINOIS 62243 (618) 539-3178
REGIONAL OFFICE: 201 SOUTH LOCUST STREET, CENTRALIA, ILLINOIS 62801 (618) 532-1992

I.L. LICENSE NO. 184-000287

SUMMARY OF QUANTITIES

F.A.S. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00126-06-SP	ST. CLAIR	15	2
STA. 10+85.00		TO STA. 22+11.90		
FEDERAL AID PROJECT		CONTRACT 97319		

CODE NO.	ITEM	UNIT	QUANTITY	CONSTRUCTION CODE FOOO - 2A
20200100	EARTH EXCAVATION	CU YD	2950	2950
25000200	SEEDING, CLASS 2	ACRE	2.1	2.1
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	189	189
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	189	189
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	189	189
25100115	MULCH, METHOD 2	ACRE	2.1	2.1
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100	100
28000300	TEMPORARY DITCH CHECKS	EACH	15	15
28000400	PERIMETER EROSION BARRIER	FOOT	450	450
35100500	AGGREGATE BASE COURSE, TYPE A, 6"	SQ YD	133	133
35101100	AGGREGATE BASE COURSE, TYPE A, 12"	SQ YD	3859	3859
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	50	50
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1351	1351
40300300	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	GALLON	2315	2315
40300500	COVER COAT AGGREGATE	TON	49	49
40300600	SEAL COAT AGGREGATE	TON	49	49
40600300	AGGREGATE (PRIME COAT)	TON	10	10
44000100	PAVEMENT REMOVAL	SQ YD	4344	4344
50105210	REMOVE EXISTING CULVERTS	FOOT	103	103
54200220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	139	139
67100100	MOBILIZATION	L SUM	1	1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	1
72000100	SIGN PANEL - TYPE 1	SQ FT	25.5	25.5
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	12.5	12.5
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	12.5	12.5
72900100	METAL POST - TYPE A	FOOT	59	59

* SPECIALTY ITEMS

GENERAL NOTES

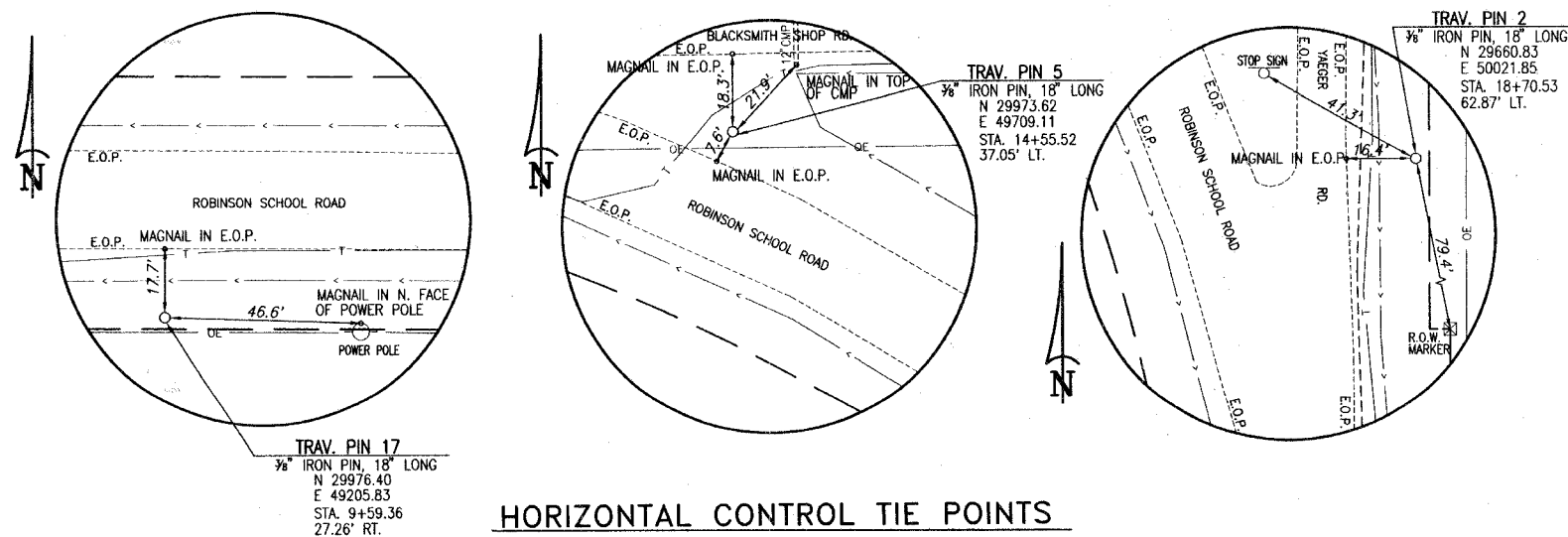
- Existing utilities shown are located from surface observations or information provided by the respective utilities and must be considered approximate. There may be others, the exact location of which are unknown and not shown. The Contractor will be responsible for notifying the respective utilities before work is begun. Field markings of underground utilities may be obtained by providing a minimum of 48 hours advance notice through the J.U.L.I.E. system by calling 1-800-892-0123 or by direct contact with non-members of J.U.L.I.E.
- All construction shall be according to Illinois Department Of Transportation Standard Specifications for Road and Bridge Construction, January 1, 2007, and the latest Supplemental Specifications and Recurring Special Provisions.
- All earth surfaces disturbed during construction operations shall be seeded and mulched upon completion of all grading operations.
- See cross sections for variable earth slopes and special ditch elevations.
- See plan and profile sheets for R.O.W. widths.
- Factors used for quantity calculations are as follows:
 Bituminous Surface Treatment Class A-2 Application Rates:
 Bituminous Materials Prime Coat = 0.35 Gal./Sq. Yd.
 Bituminous Materials Cover and Seal Coat = 0.30 Gal./Sq. Yd.
 Aggregate Cover Coat and Seal Coat = 25 Lbs./Sq. Yd.
 Aggregate Prime Coat = 5 Lbs./Sq. Yd.
- Any facilities or appurtenances which are the property of any public utility located within the limits of construction shall be relocated or adjusted by their respective owners. The contractor shall notify and cooperate with the owners of any such facility in their removal and rearrangement operations in order that these operations and the construction of this project may progress in a reasonable manner.
- The following utilities may have facilities located within the limits of construction which may require adjustment or removal:

ELECTRIC	GAS	TELEPHONE
Ameren IP 1050 West Blvd. Belleville, Illinois 62222 Attn: Barbara Baldrige 1-618-236-4305	Ameren IP 370 South Main Decatur, Illinois 62528 Attn: Richard Tudor 1-217-424-8132	AT&T Illinois 203 Goethe St. Collinsville, Il. 62234 Attn: Dean Litzenburg 1-618-346-6422

 It is understood and agreed that the contractor has taken the foregoing into consideration in submitting his bid, and no additional compensation will be allowed for any delays or inconveniences caused by same.
- No seeding will be permitted outside the dates listed in the Standard Specifications unless granted, in writing by the Engineer.
- All elevations refer to U.S.G.S. mean sea level datum.
- For stabilization, all Type III Barricades shall require a minimum of four sandbags per barricade.

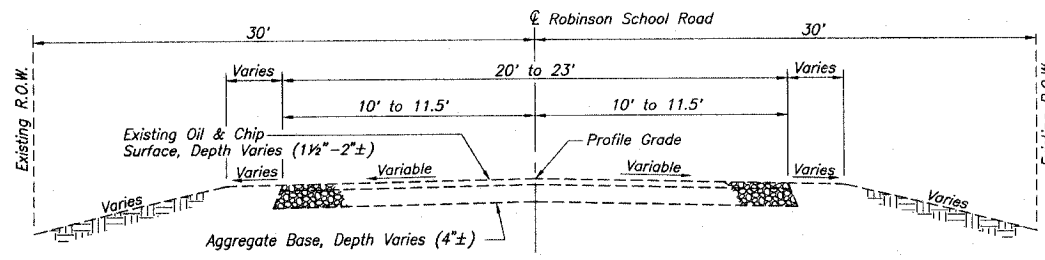
Aggregate for Temporary Access: 50 ton
(Used to maintain access for residents located within the project limits and emergency vehicles)

 Temporary Erosion Control Seeding: 100 lbs
(Applied at a rate of 100 lb/acre in areas not to be disturbed within 14 calendar days as described in the SWPPP or as directed by the Engineer)

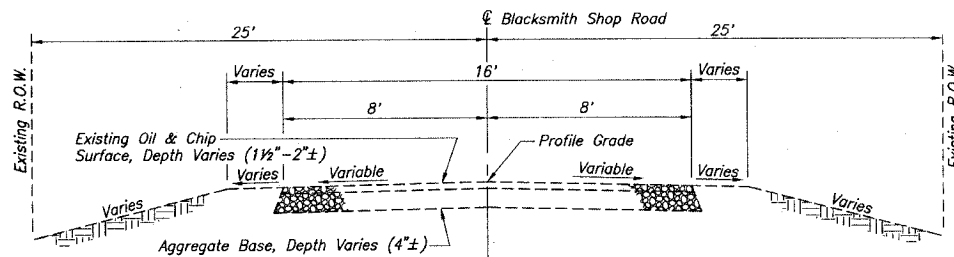


HORIZONTAL CONTROL TIE POINTS

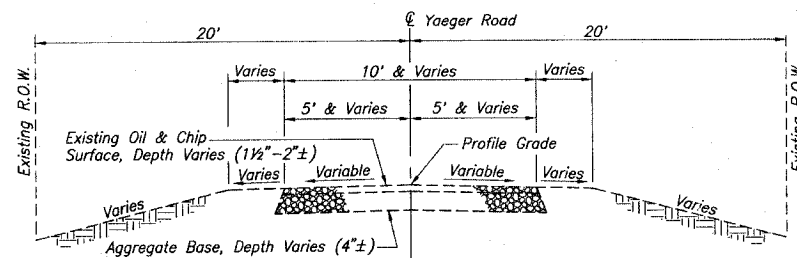
F.A.S. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00126-06-SP	ST. CLAIR	15	3
STA. 10+85.00		TO STA. 22+11.90		
FEDERAL AID PROJECT		CONTRACT 97319		



ROBINSON SCHOOL ROAD



BLACKSMITH SHOP ROAD



YAEGER ROAD

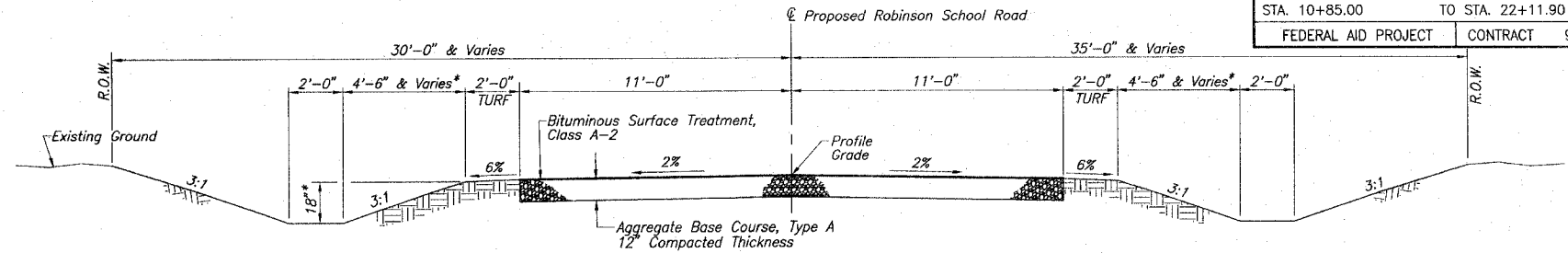
EXISTING ROADWAY TYPICAL SECTIONS

PAVEMENT DESIGN

STRUCTURAL DESIGN TRAFFIC (S.D.T.)	YEAR	2027	P.V.	397
			S.U.	26
			M.U.	9
CLASS IV ROAD				
MINIMUM SOIL SUPORT: IBR = 3				
T.F. = 0.00167 Dt = 1.53				

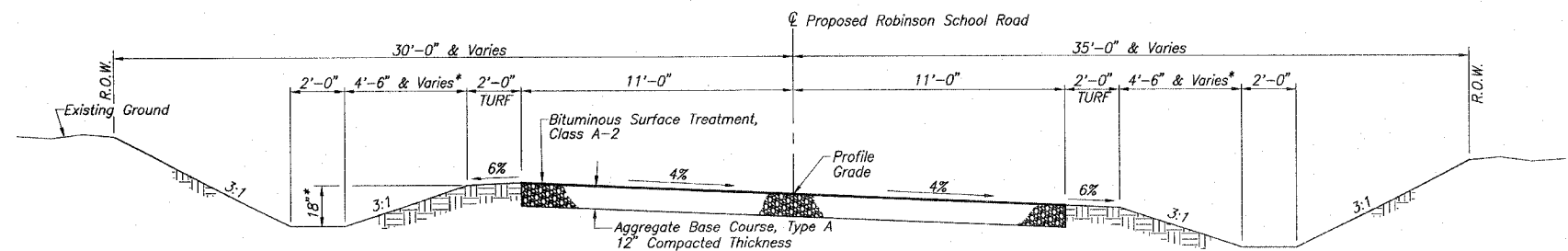
PAVEMENT STRUCTURE MATERIALS

SURFACE TYPE: BITUMINOUS SURFACE TREATMENT, CLASS A-2
 BASE COURSE: AGGREGATE BASE COURSE, TYPE A, 12"; a₂ = 0.13



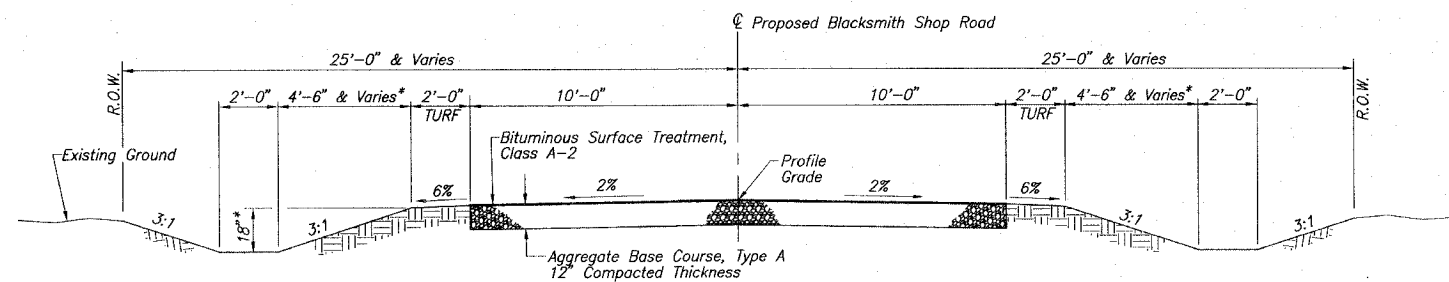
PROPOSED ROADWAY TYPICAL SECTION - ROBINSON SCHOOL ROAD

Superelevation Attainment: Sta. 11+15.00 to Sta. 12+29.00 Sta. 10+85.00 to Sta. 12+29.00 Note: Transition from existing roadway to Proposed Roadway Typical Section: Sta. 10+85.00 to Sta. 11+15.00
 Sta. 20+37.90 to Sta. 21+51.90 Sta. 20+37.90 to Sta. 22+11.90 Note: Transition from Proposed roadway to existing roadway Typical Section: Sta. 21+51.90 to Sta. 22+11.90



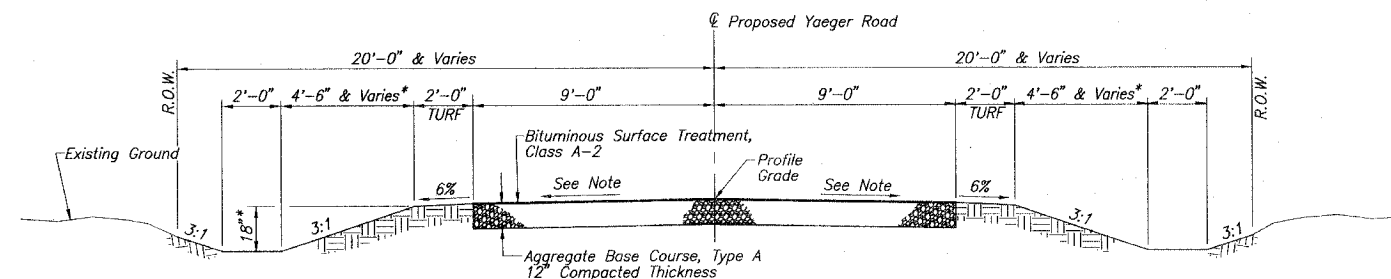
SUPERELEVATION RIGHT PROPOSED ROADWAY TYPICAL SECTION - ROBINSON SCHOOL ROAD

Sta. 12+29.00 to Sta. 20+37.90



PROPOSED ROADWAY TYPICAL SECTION - BLACKSMITH SHOP ROAD

Sta. 30+11.00 to Sta. 33+52.43 Note: Transition from Proposed roadway to existing roadway Typical Section: Sta. 32+82.43 to Sta. 33+52.43



PROPOSED ROADWAY TYPICAL SECTION - YAEGER ROAD

Sta. 40+10.00 to Sta. 40+83.75 Note: Transition from Proposed roadway to existing roadway Typical Section: Sta. 40+10.00 to Sta. 40+83.75

F.A.S. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00126-06-SP	ST. CLAIR	15	4
STA. 10+85.00		TO STA. 22+11.90		
FEDERAL AID PROJECT		CONTRACT		97319

EARTH EXCAVATION

LOCATION STATION TO STATION	EXCAVATION (CU. YD.)	EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT (CU. YD.)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
ROBINSON SCHOOL RD.-STA. 10+85.00 TO STA. 22+11.90	2273	1705	132	+1573
BLACKSMITH SHOP RD.-STA. 30+11.00 TO STA. 33+52.43	626	470	11	+459
YAEGER RD.-STA. 40+10.00 TO STA. 40+83.75	51	38	0	+38
TOTAL	2950	2213	143	+2070

CULVERT SCHEDULE

LOCATION	542D0220 PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT
BLACKSMITH SHOP RD. - STA. 33+22.00, 17.5' RT.		35
YAEGER RD. - STA. 40+17.00, C		43
ROBINSON SCHOOL RD. - STA. 17+50.00, 18.5' LT.		61
TOTAL		139

CULVERT REMOVAL

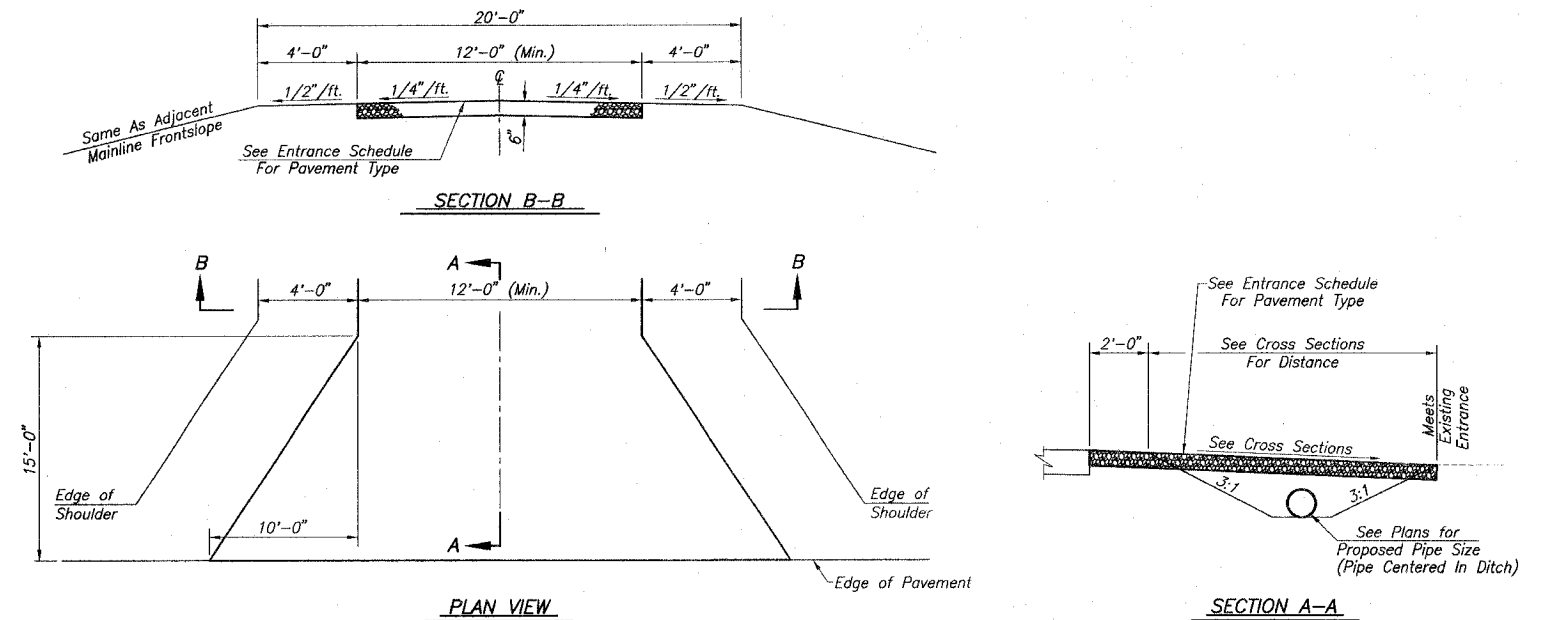
LOCATION	DESCRIPTION	50105210 REMOVE EXISTING CULVERTS, FOOT
ROBINSON SCHOOL RD. - STA. 14+55.76, 68' LT.	12" CMP	23
STA. 18+11.90, 65' LT.	12" CMP	25
BLACKSMITH SHOP RD. - STA. 33+22.00, 12' RT.	12" CMP	20
YAEGER RD. - STA. 40+18.00, C	12" CMP	35
TOTAL		103

EROSION CONTROL SCHEDULE

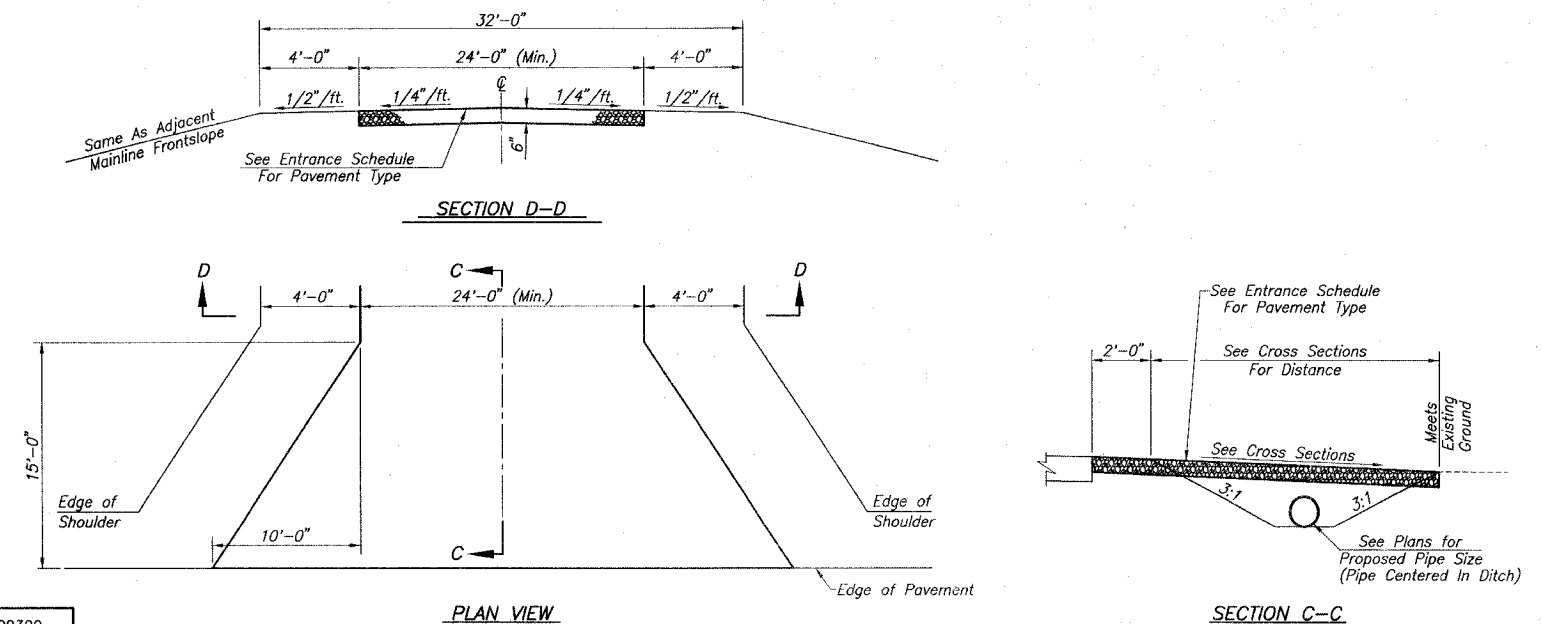
LOCATION	28000300 TEMPORARY DITCH CHECK	28000400 PERIMETER EROSION BARRIER
	EACH	FOOT
STA. 10+85 RT./LT.	2	
STA. 12+05 LT. TO 13+30 LT.		125
STA. 12+50 RT./LT.	2	
STA. 15+60 RT.	1	
STA. 18+50 RT./LT.	2	
STA. 20+10 RT./LT.	2	
STA. 19+95 LT. TO 21+70 LT.		175
STA. 22+10 RT./LT.	2	
STA. 30+50 LT.	1	
STA. 30+65 RT.	1	
STA. 32+30 RT./LT.	2	
STA. 31+50 RT. TO 33+00 RT.		150
TOTAL	15	450

ENTRANCE & ROADWAY SCHEDULE

LOCATION	35100500 AGG. BASE COURSE TYPE A, 6"	35101100 AGG. BASE COURSE TYPE A, 12"	A-2 SURFACE TREATMENT	40300100 BIT. MATERIALS (PRIME COAT)	40300300 BIT. MATERIALS (COVER AND SEAL COATS)	40300500 COVER COAT AGGREGATE	40300600 SEAL COAT AGGREGATE	40600300 AGGREGATE (PRIME COAT)
	SQ. YD.	SQ. YD.	SQ. YD.	GALLON	GALLON	TON	TON	TON
BLACKSMITH SHOP RD. - STA. 33+22 RT., P.E.	41	2761	2761	966	1656	35	35	7
ROBINSON SCHOOL RD. - STA. 17+50 LT., F.E.	92	956	956	335	574	12	12	2
YAEGER RD. -		142	142	50	85	2	2	1
TOTAL	133	3859	3859	1351	2315	49	49	10



TYPICAL PRIVATE ENTRANCE



TYPICAL FIELD ENTRANCE

F.A.S. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00126-06-SP	ST. CLAIR	15	5
STA. 10+85.00		TO STA. 22+11.90		
FEDERAL AID PROJECT		CONTRACT 97319		

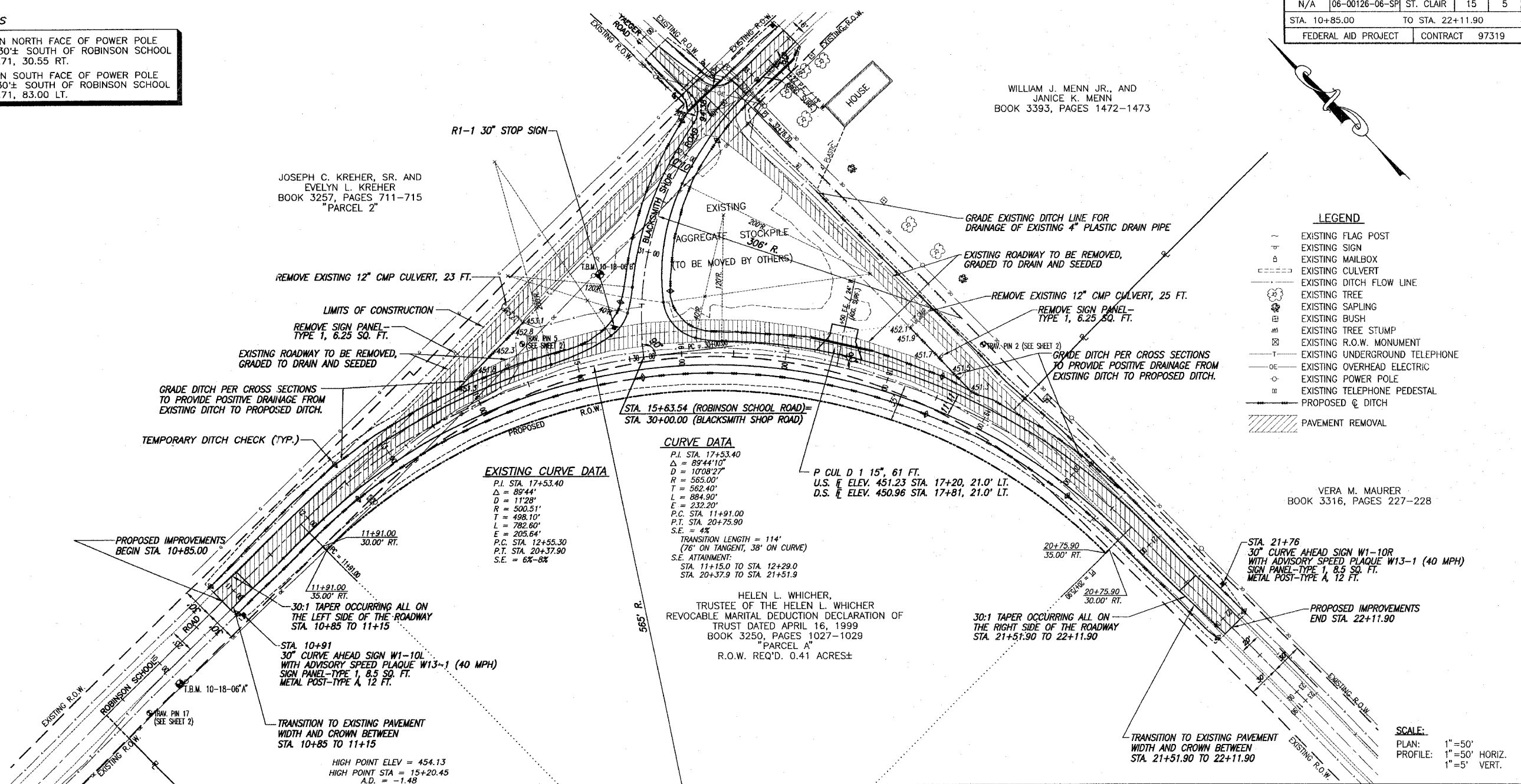
BENCHMARKS

- T.B.M. 10-18-06"A": RAILROAD SPIKE IN NORTH FACE OF POWER POLE (THIRD POLE WEST OF INTERSECTION), 30± SOUTH OF ROBINSON SCHOOL ROAD. ELEV. 451.38 STA. 10+05.71, 30.55 RT.
- T.B.M. 10-18-06"B": RAILROAD SPIKE IN SOUTH FACE OF POWER POLE (FIRST POLE WEST OF INTERSECTION), 30± SOUTH OF ROBINSON SCHOOL ROAD. ELEV. 456.60 STA. 15+29.71, 83.00 LT.

COORDINATE TABLE

STATION	NORTHING	EASTING
11+00.00	30003.01	49346.63
P.C. 11+91.00	30002.59	49437.60
P.I. 17+53.40	30000.00	50000.00
P.T. 20+75.90	29437.60	50000.00
21+00.00	29413.47	50000.00
P.C. 30+00.00	29882.56	49783.18
P.I. 31+48.70	29999.67	49874.82
P.T. 32+76.70	30000.06	50023.43
33+50.00	30000.25	50096.65
40+00.00	29999.10	50000.00
40+50.00	30049.10	50000.00
41+00.00	30099.10	50000.00

SEE SHEET 2 FOR HORIZONTAL CONTROL TIE POINTS



EXISTING CURVE DATA

P.I. STA. 17+53.40
 $\Delta = 89^{\circ}44'$
 $D = 11^{\circ}28'$
 $R = 500.51'$
 $T = 498.10'$
 $L = 782.60'$
 $E = 205.64'$
 $S.E. = 6\% - 8\%$
P.C. STA. 12+55.30
P.T. STA. 20+37.90

CURVE DATA

P.I. STA. 17+53.40
 $\Delta = 89^{\circ}44'10''$
 $D = 10^{\circ}08'27''$
 $R = 505.00'$
 $T = 562.40'$
 $L = 884.90'$
 $E = 232.20'$
 $S.E. = 4\%$
TRANSITION LENGTH = 114'
(78' ON TANGENT, 38' ON CURVE)
S.E. ATTAINMENT:
STA. 11+15.0 TO STA. 12+29.0
STA. 20+37.9 TO STA. 21+51.9

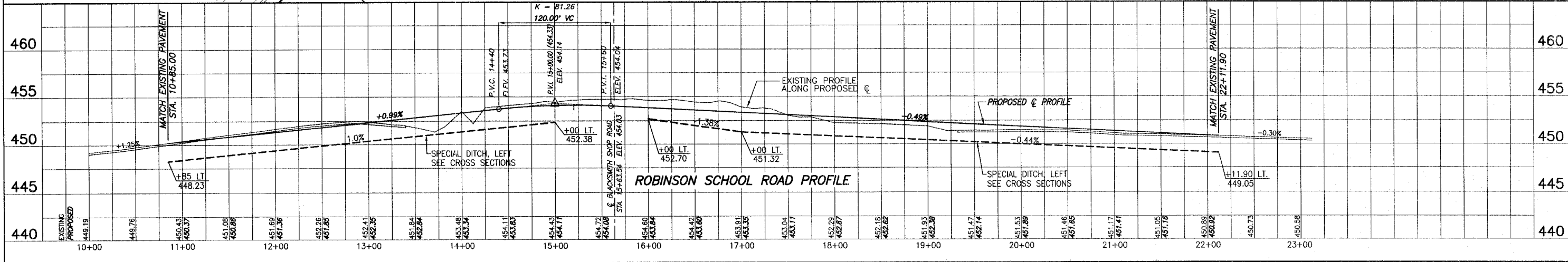
HELEN L. WHICHER,
TRUSTEE OF THE HELEN L. WHICHER
REVOCABLE MARITAL DEDUCTION DECLARATION OF
TRUST DATED APRIL 16, 1999
BOOK 3250, PAGES 1027-1029
"PARCEL A"
R.O.W. REQ'D. 0.41 ACRES±

LEGEND

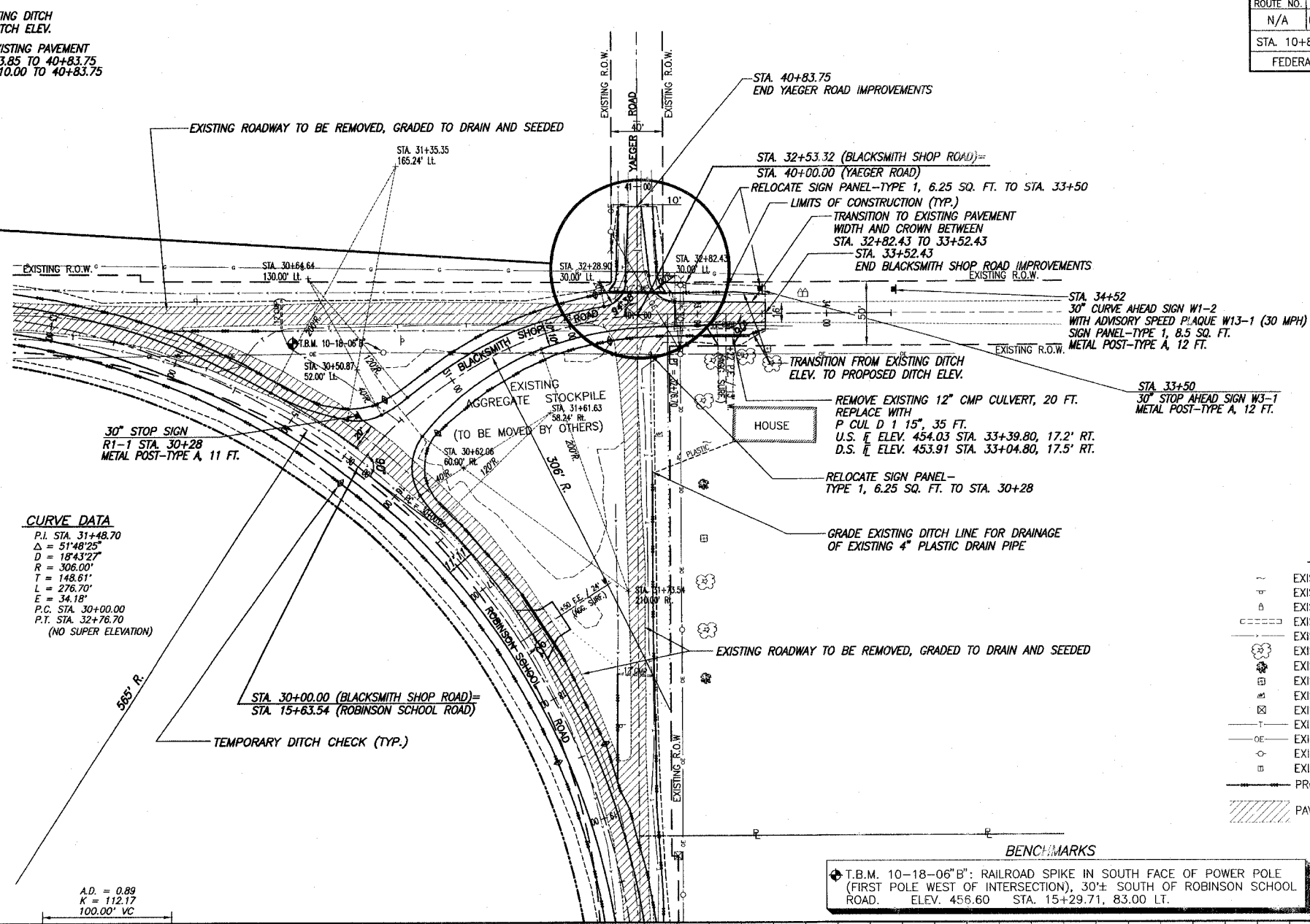
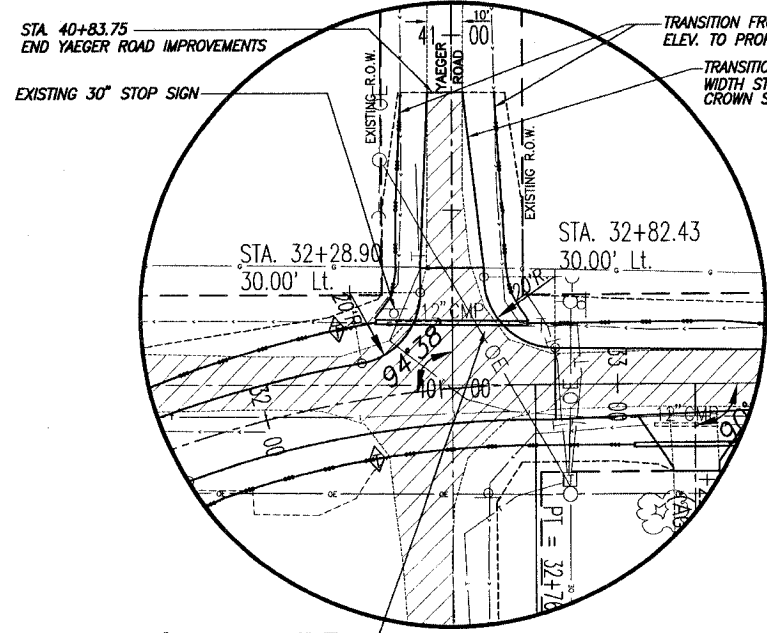
- EXISTING FLAG POST
- EXISTING SIGN
- EXISTING MAILBOX
- EXISTING CULVERT
- EXISTING DITCH FLOW LINE
- EXISTING TREE
- EXISTING SAPLING
- EXISTING BUSH
- EXISTING TREE STUMP
- EXISTING R.O.W. MONUMENT
- EXISTING UNDERGROUND TELEPHONE
- EXISTING OVERHEAD ELECTRIC
- EXISTING POWER POLE
- EXISTING TELEPHONE PEDESTAL
- PROPOSED DITCH
- PAVEMENT REMOVAL

SCALE:

PLAN: 1" = 50'
PROFILE: 1" = 50' HORIZ.
1" = 5' VERT.



F.A.S. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00126-06-SP	ST. CLAIR	15	6
STA. 10+85.00		TO STA. 22+11.90		
FEDERAL AID PROJECT		CONTRACT 97319		



COORDINATE TABLE

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11+00.00	30003.01	49346.63
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P.I. 17+53.40	30000.00	50000.00
P.T. 20+75.90	29437.60	50000.00
21+00.00	29413.47	50000.00
P.C. 30+00.00	29882.56	49783.18
P.I. 31+48.70	29999.67	49874.82
P.T. 32+76.70	30000.06	50023.43
33+50.00	30000.25	50096.65
40+00.00	29999.10	50000.00
40+50.00	30049.10	50000.00
41+00.00	30099.10	50000.00

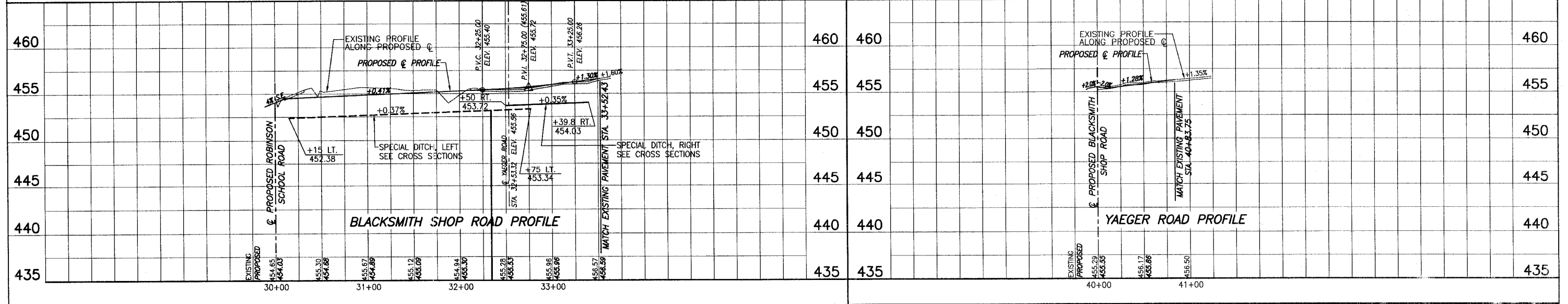
- LEGEND**
- EXISTING FLAG POST
 - EXISTING SIGN
 - EXISTING MAILBOX
 - EXISTING CULVERT
 - EXISTING DITCH FLOW LINE
 - EXISTING TREE
 - EXISTING SAPLING
 - EXISTING BUSH
 - EXISTING TREE STUMP
 - EXISTING R.O.W. MONUMENT
 - EXISTING UNDERGROUND TELEPHONE
 - EXISTING OVERHEAD ELECTRIC
 - EXISTING POWER POLE
 - EXISTING TELEPHONE PEDESTAL
 - PROPOSED @ DITCH
 - ▨ PAVEMENT REMOVAL

BENCHMARKS

◆ T.B.M. 10-18-06"B": RAILROAD SPIKE IN SOUTH FACE OF POWER POLE (FIRST POLE WEST OF INTERSECTION), 30'E SOUTH OF ROBINSON SCHOOL ROAD. ELEV. 456.60 STA. 15+29.71, 83.00 LT.

SCALE:

PLAN: 1"=50'
 PROFILE: 1"=50' HORIZ.
 1"=5' VERT.



BLACKSMITH SHOP ROAD AND YAEGER ROAD PLAN AND PROFILE
 SECTION 06-00126-06-SP ST. CLAIR COUNTY, ILLINOIS

F.A.S. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00126-06-SP	ST. CLAIR	15	7
STA. 10+85.00		TO STA. 22+11.90		
FEDERAL AID PROJECT		CONTRACT 97319		

INTERSECTION
E.O.P. ELEVATIONS WITH OFFSETS
BLACKSMITH SHOP/YAEGER ROAD

STATION	ELEVATION	OFFSET	PAVEMENT CROSS SLOPE
E.O.P. LT.	455.21	25.8'	MATCH EXISTING
E.O.P. RT.	455.56	29.3'	MATCH EXISTING
40+15 LT.	455.32	12.8'	-0.76%
40+15 RT.	455.50	16.9'	+0.45%
40+20 LT.	455.39	10.2'	-0.93%
40+20 RT.	455.50	12.3'	+0.20%
40+25 RT.	455.54	9.9'	-0.05%
RAD. RETURN LT.	455.47	9.0'	-1.14%
RAD. RETURN RT.	455.59	9.0'	-0.35%

3-CENTER CURVE
40'-120'-200' R.
2.0' OFFSET

CURVE DATA

P.I. STA. 17+53.40
 $\Delta = 89^{\circ}44'10''$
 $D = 10^{\circ}08'27''$
 $R = 565.00'$
 $T = 562.40'$
 $L = 884.90'$
 $E = 232.20'$
P.C. STA. 11+91.00
P.T. STA. 20+75.90
S.E. = 4%
TRANSITION LENGTH = 114'
(76' ON TANGENT, 28' ON CURVE)

CURVE DATA

P.I. STA. 31+48.70
 $\Delta = 51^{\circ}48'25''$
 $D = 18^{\circ}43'27''$
 $R = 306.00'$
 $T = 148.61'$
 $L = 276.70'$
 $E = 34.18'$
P.C. STA. 30+00.00
P.T. STA. 32+76.70
(NO SUPER ELEVATION)

INTERSECTION
E.O.P. ELEVATIONS WITH OFFSETS
ROBINSON SCHOOL/BLACKSMITH SHOP

STATION	ELEVATION	OFFSET	PAVEMENT CROSS SLOPE
E.O.P. LT.	454.97	89.1'	MATCH EXISTING
E.O.P. RT.	454.14	76.0'	MATCH EXISTING
30+25 RT.	454.21	35.2'	-1.06%
30+25 LT.	454.57	24.5'	-0.06%
30+35 RT.	454.22	27.2'	-1.46%
30+35 LT.	454.55	16.2'	-0.46%
30+50 RT.	454.25	21.4'	-2.00%
30+50 LT.	454.56	11.3'	-1.06%
RAD. RETURN LT.	454.54	10.0'	-2.00%
31+00 RT.	454.61	14.1'	-2.00%
31+50 RT.	454.88	10.4'	-2.00%
RAD. RETURN RT.	454.99	10.0'	-2.00%

MAINLINE E.O.P. ELEVATIONS
ROBINSON SCHOOL ROAD
S.E. TRANSITIONS & FULL S.E.

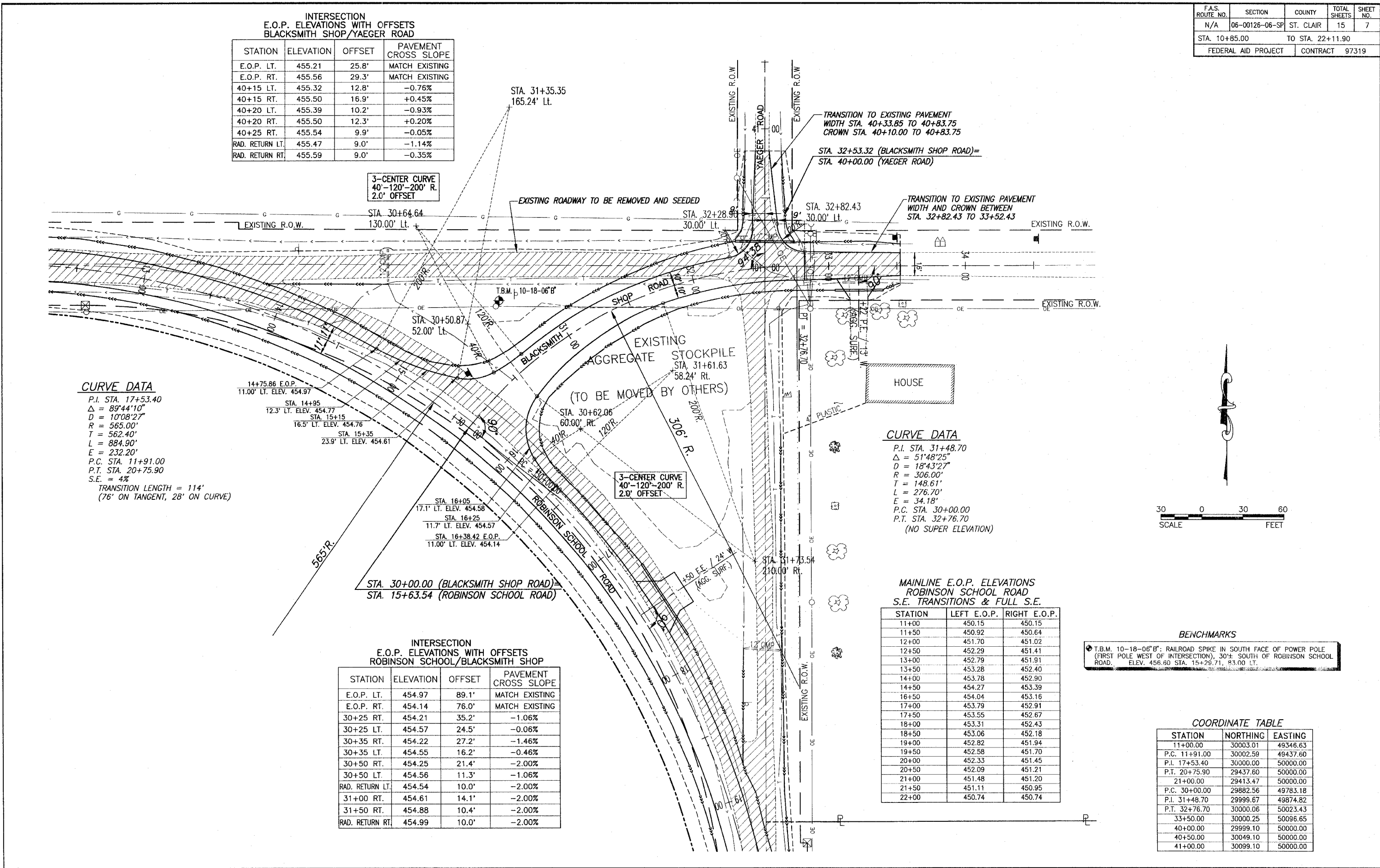
STATION	LEFT E.O.P.	RIGHT E.O.P.
11+00	450.15	450.15
11+50	450.92	450.64
12+00	451.70	451.02
12+50	452.29	451.41
13+00	452.79	451.91
13+50	453.28	452.40
14+00	453.78	452.90
14+50	454.27	453.39
16+50	454.04	453.16
17+00	453.79	452.91
17+50	453.55	452.67
18+00	453.31	452.43
18+50	453.06	452.18
19+00	452.82	451.94
19+50	452.58	451.70
20+00	452.33	451.45
20+50	452.09	451.21
21+00	451.84	450.96
21+50	451.59	450.71
22+00	451.34	450.46

BENCHMARKS

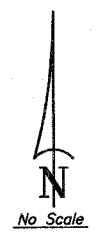
T.B.M. 10-18-06'B: RAILROAD SPIKE IN SOUTH FACE OF POWER POLE (FIRST POLE WEST OF INTERSECTION), 30'± SOUTH OF ROBINSON SCHOOL ROAD. ELEV. 456.60 STA. 15+29.71, 83.00 LT.

COORDINATE TABLE





STATION	NORTHING	EASTING
11+00.00	30003.01	49346.63
P.C. 11+91.00	30002.59	49437.60
P.I. 17+53.40	30000.00	50000.00
P.T. 20+75.90	29437.60	50000.00
21+00.00	29413.47	50000.00
P.C. 30+00.00	29882.56	49783.18
P.I. 31+48.70	29999.67	49874.82
P.T. 32+76.70	30000.06	50023.43
33+50.00	30000.25	50096.65
40+00.00	29999.10	50000.00
40+50.00	30049.10	50000.00
41+00.00	30099.10	50000.00

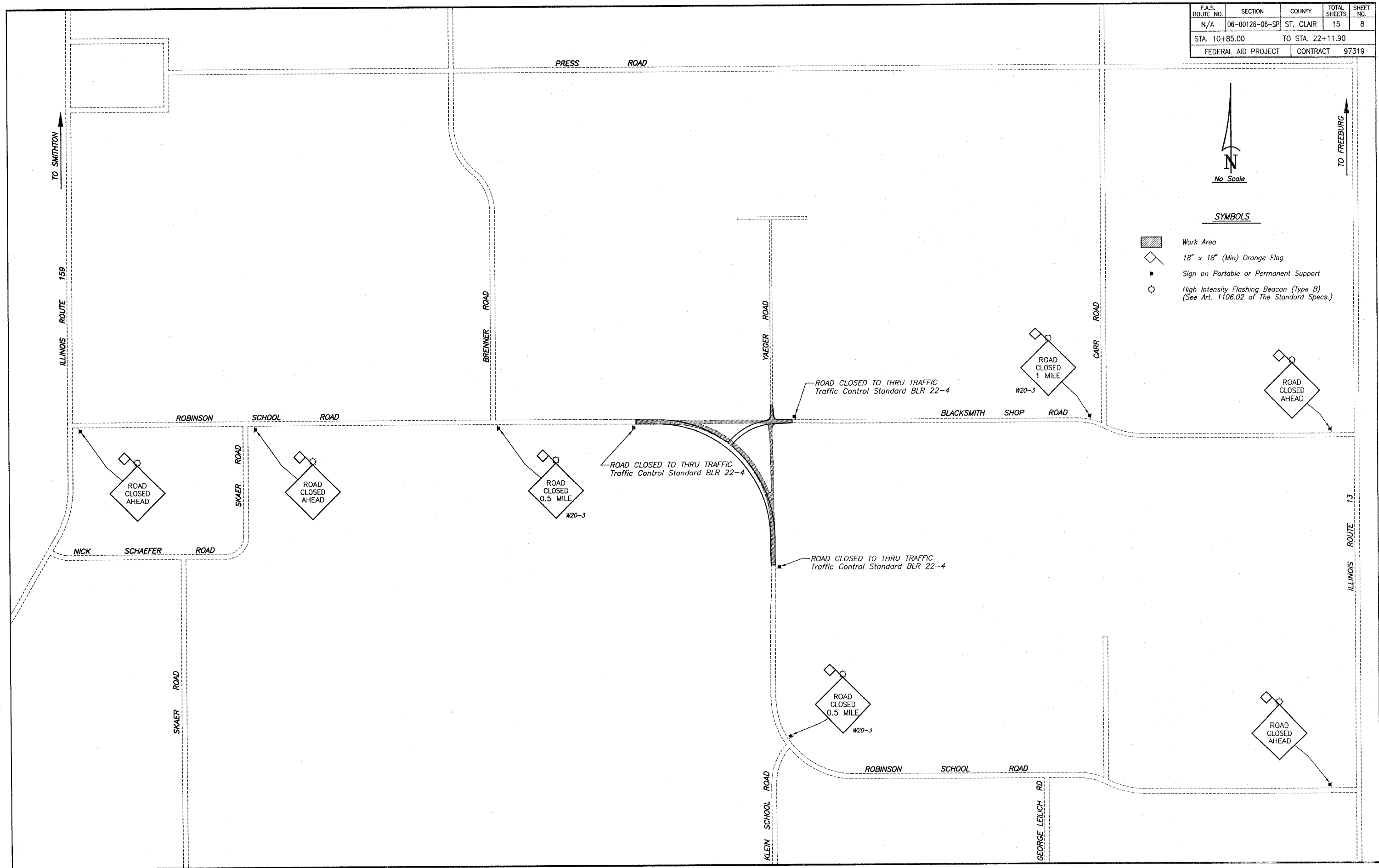


F.A.S. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00126-06-SP	ST. CLAIR	15	8
STA. 10+85.00		TO STA. 22+11.90		
FEDERAL AID PROJECT		CONTRACT		97319

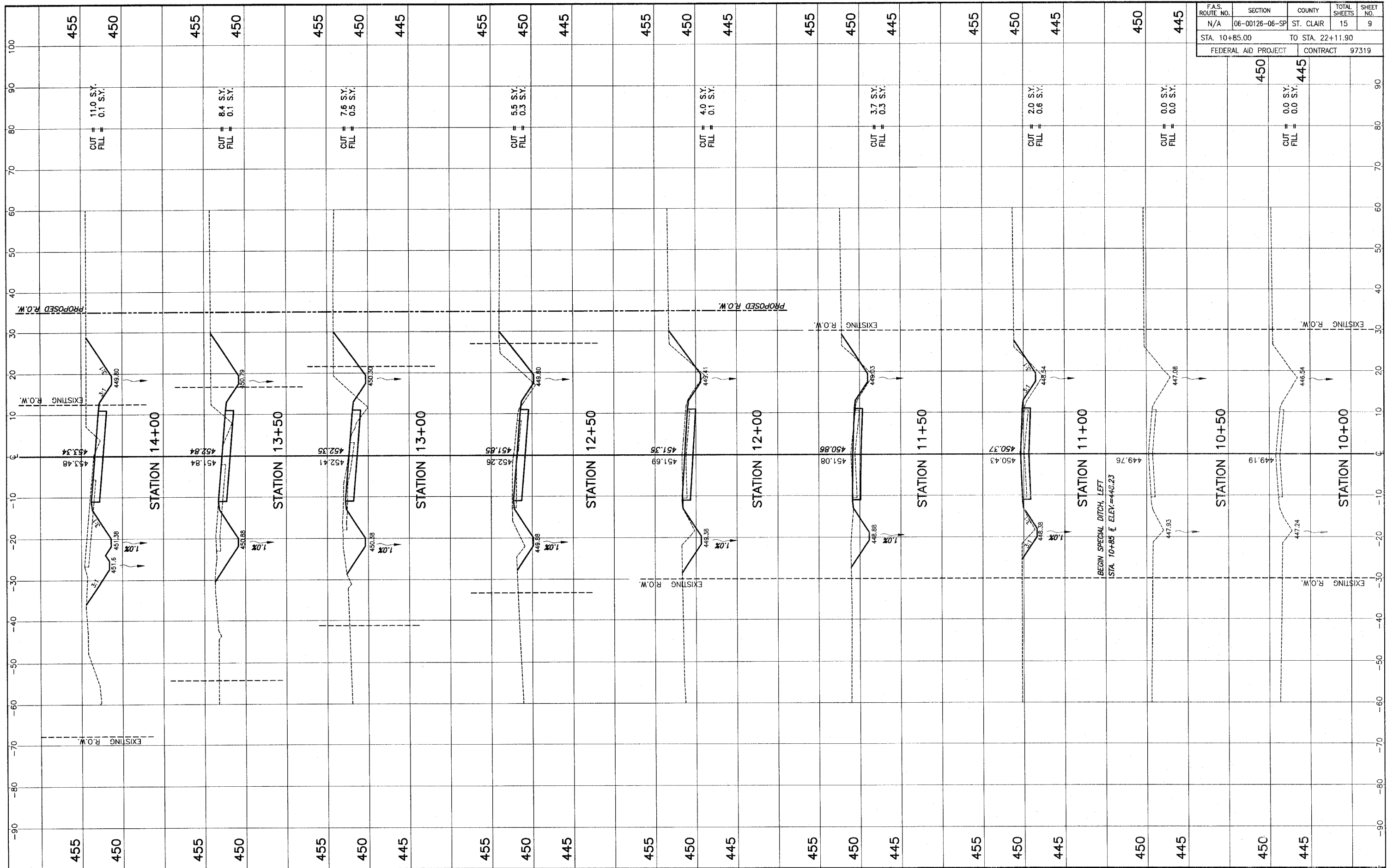


SYMBOLS

-  Work Area
-  18" x 18" (Min) Orange Flag
-  Sign on Portable or Permanent Support
-  High Intensity Flashing Beacon (Type B)
(See Art. 1106.02 of The Standard Specs.)

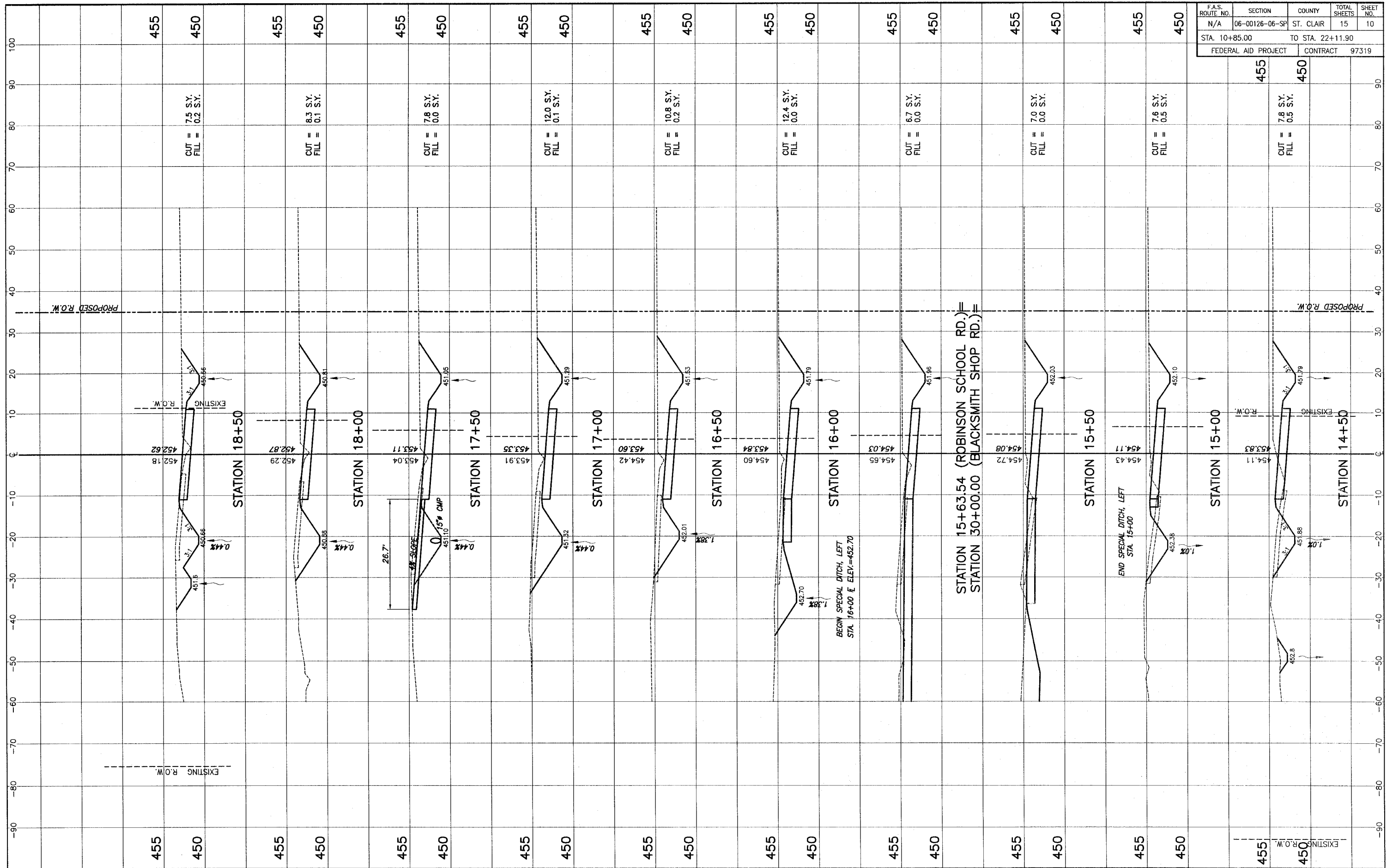


F.A.S. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00126-06-SP	ST. CLAIR	15	9
STA. 10+85.00		TO STA. 22+11.90		
FEDERAL AID PROJECT			CONTRACT 97319	



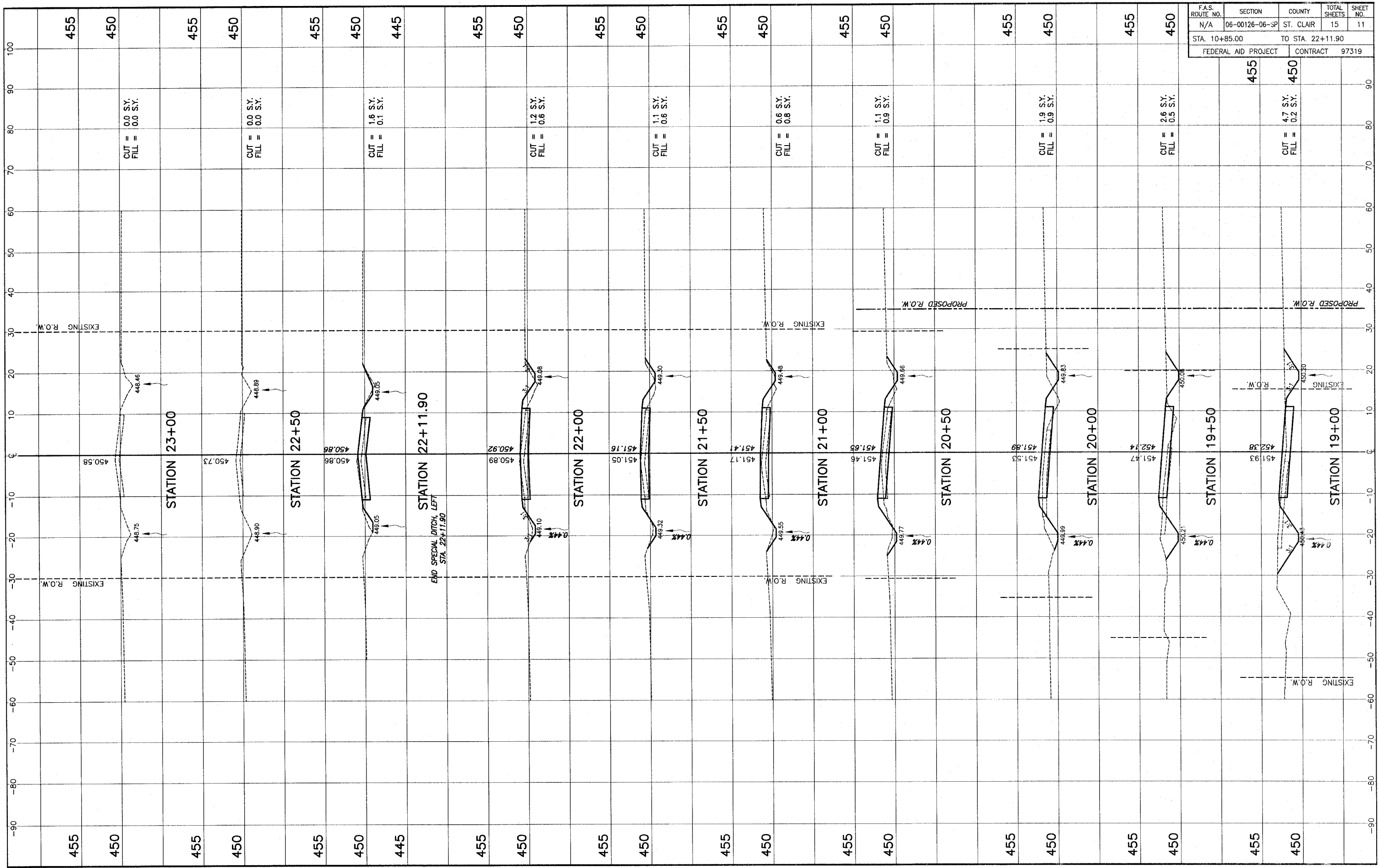
STA. 10+00 - STA. 14+00 ROBINSON SCHOOL ROAD CROSS SECTIONS
SECTION 06-00126-06-SP ST. CLAIR COUNTY, ILLINOIS

F.A.S. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00126-06-SP	ST. CLAIR	15	10
STA. 10+85.00		TO STA. 22+11.90		
FEDERAL AID PROJECT		CONTRACT 97319		

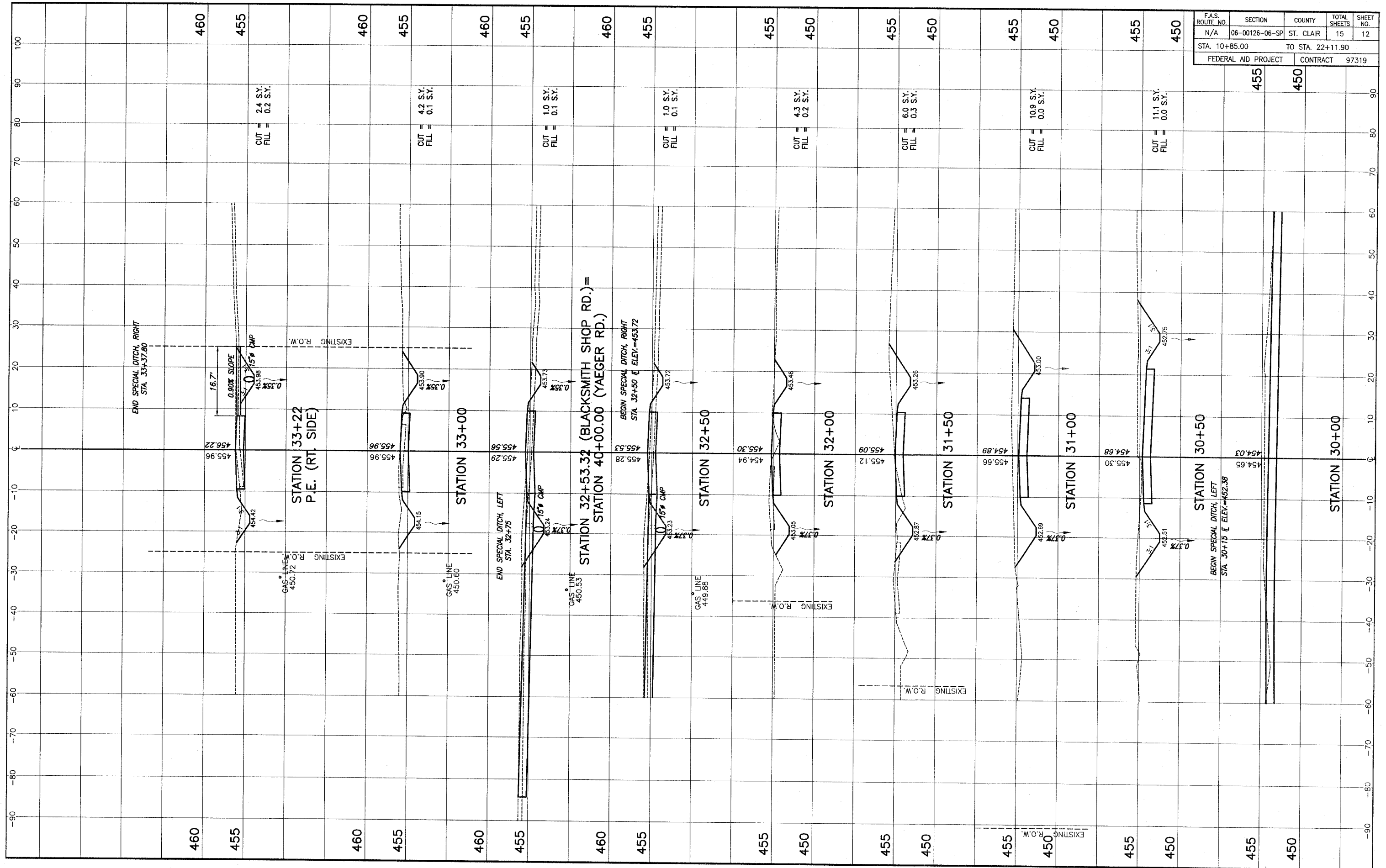


STA. 14+50 - STA. 18+50 ROBerson SCHOOL ROAD CROSS SECTIONS
SECTION 06-00126-06-SP ST. CLAIR COUNTY, ILLINOIS

F.A.S. ROUTE NO. N/A	SECTION 06-00126-06-SP	COUNTY ST. CLAIR	TOTAL SHEETS 15	SHEET NO. 11
STA. 10+85.00		TO STA. 22+11.90		
FEDERAL AID PROJECT		CONTRACT 97319		

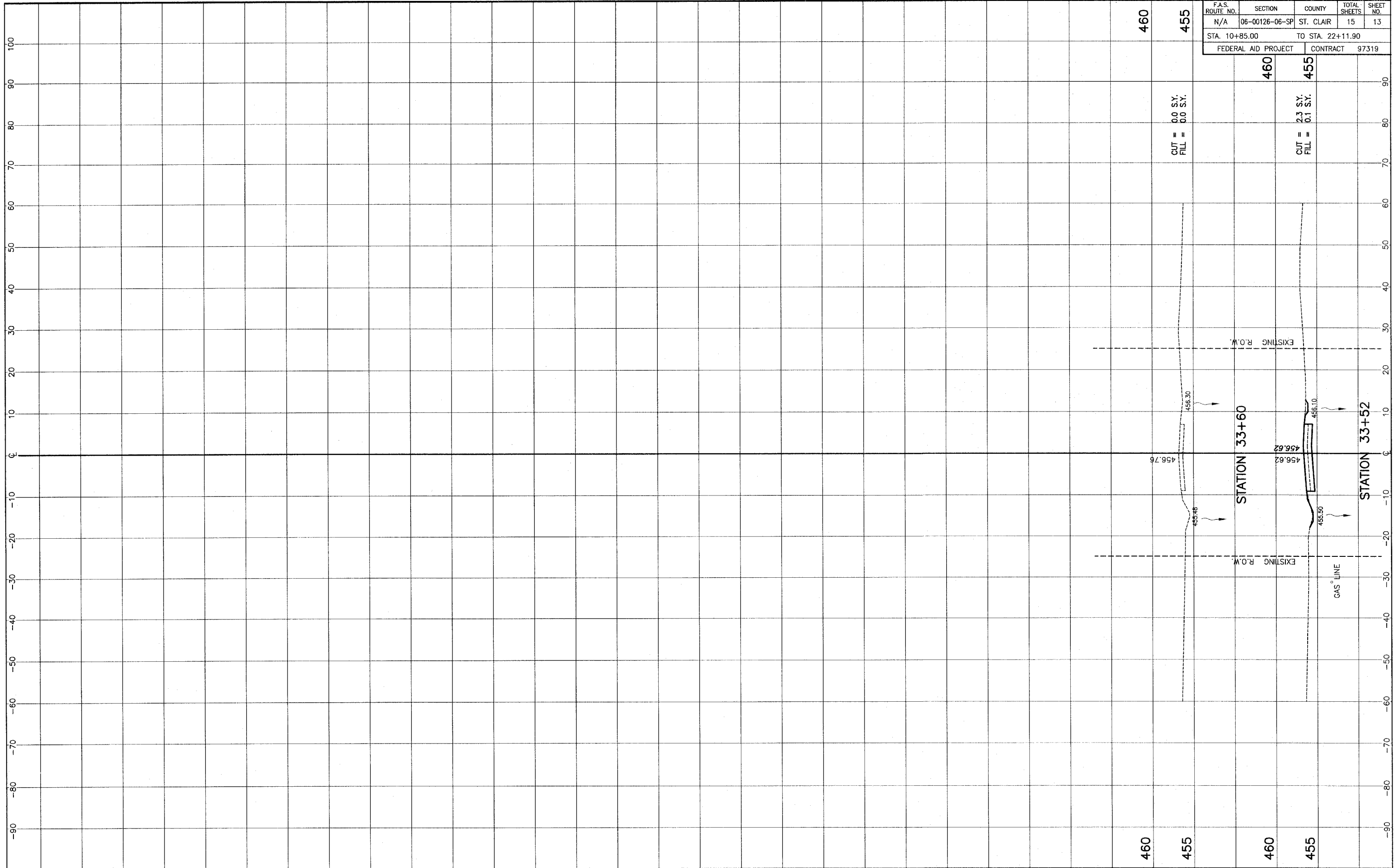


STA. 19+00 - STA. 23+00 ROBINSON SCHOOL ROAD CROSS SECTIONS
SECTION 06-00126-06-SP ST. CLAIR COUNTY, ILLINOIS



F.A.S. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00126-06-SP	ST. CLAIR	15	12
STA. 10+85.00		TO STA. 22+11.90		
FEDERAL AID PROJECT		CONTRACT 97319		

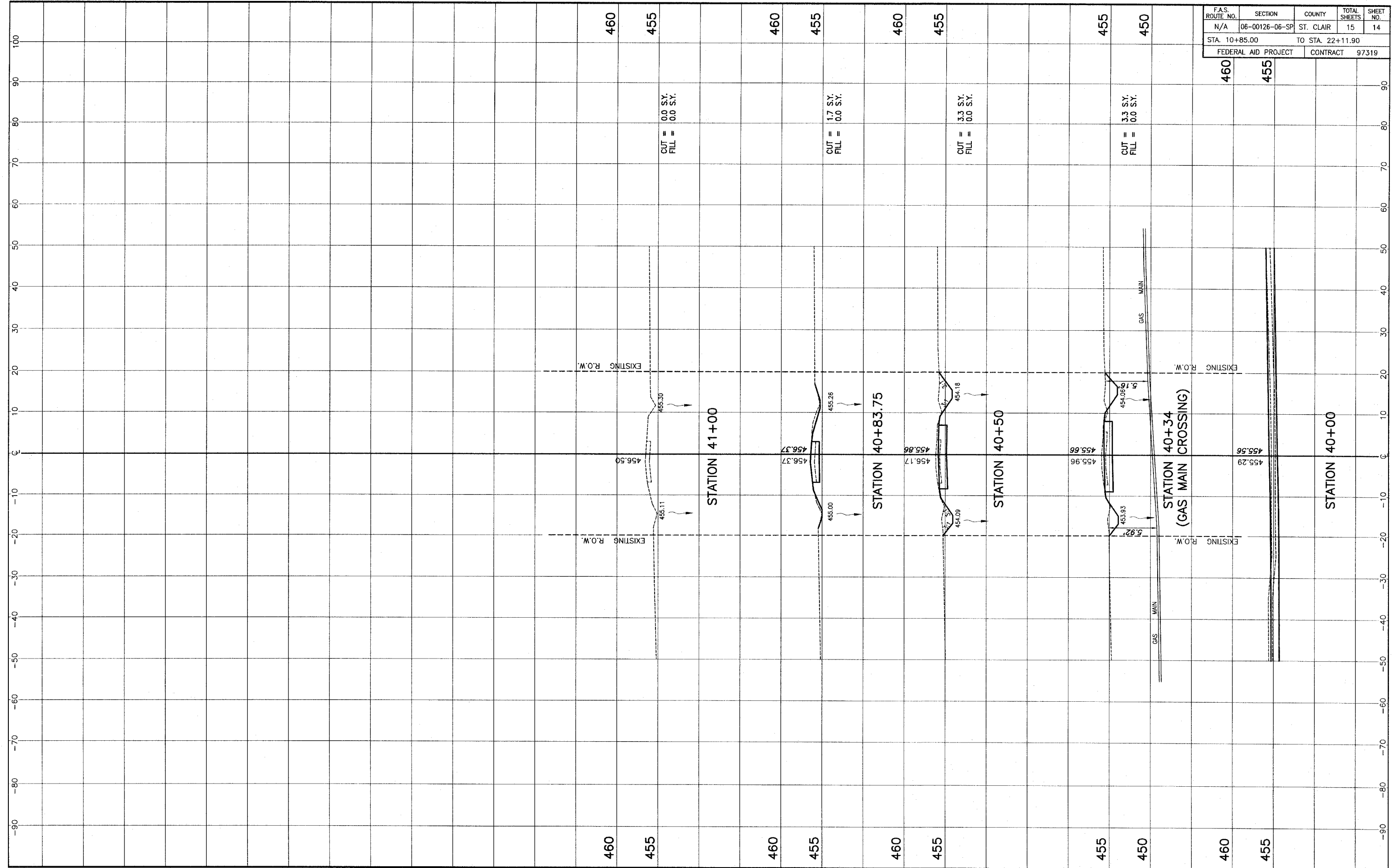
STA. 30+00 - STA. 33+22 BLACKSMITH SHOP ROAD CROSS SECTIONS
SECTION 06-00126-06-SP ST. CLAIR COUNTY, ILLINOIS



F.A.S. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00126-06-SP	ST. CLAIR	15	13
STA. 10+85.00		TO STA. 22+11.90		
FEDERAL AID PROJECT		CONTRACT 97319		

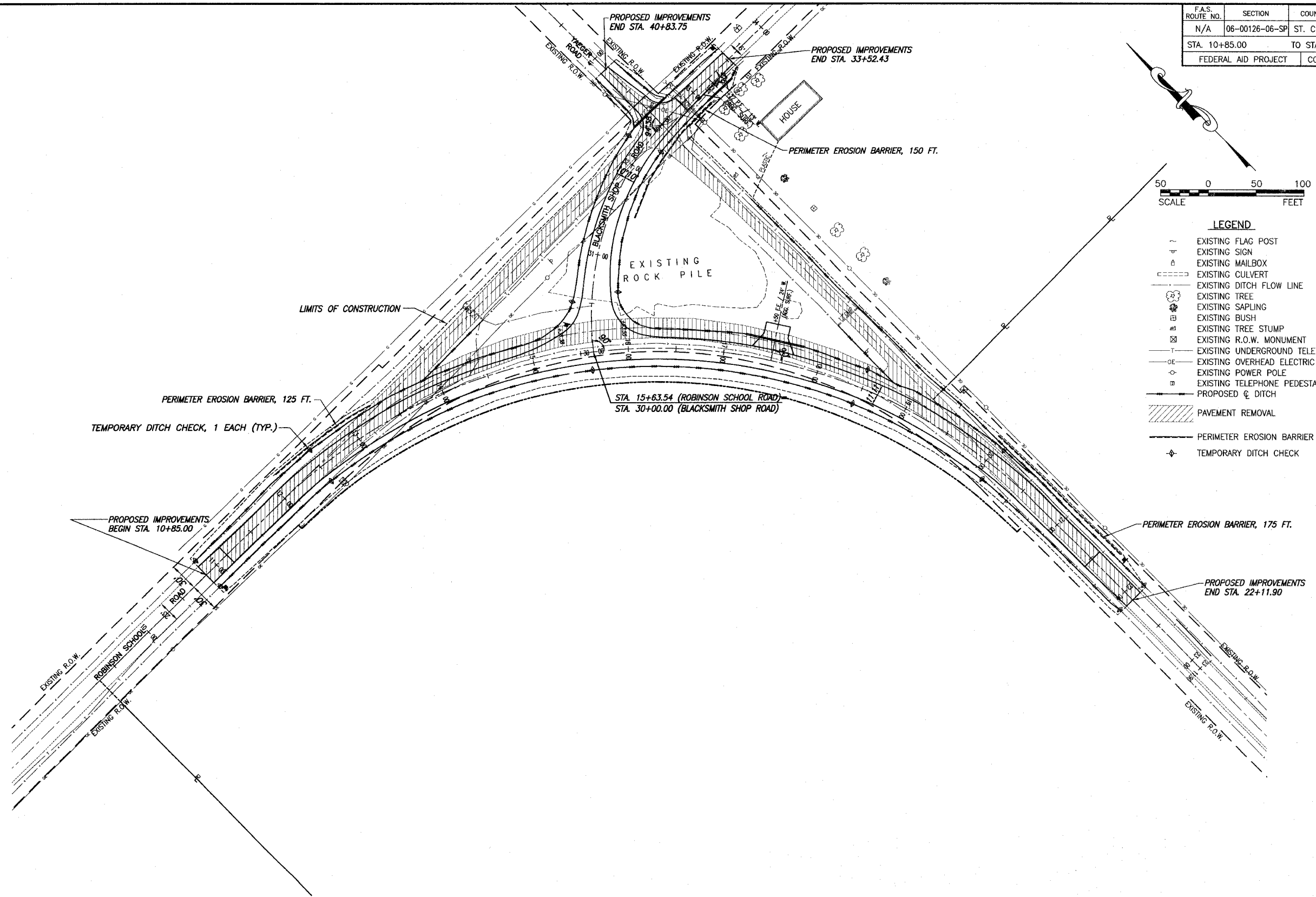
STA. 33+52 - STA. 33+60 BLACKSMITH SHOP ROAD CROSS SECTIONS
SECTION 06-00126-06-SP ST. CLAIR COUNTY, ILLINOIS

F.A.S. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00126-06-SP	ST. CLAIR	15	14
STA. 10+85.00		TO STA. 22+11.90		
FEDERAL AID PROJECT		CONTRACT 97319		



STA. 40+00 - STA. 41+00 YAEGER ROAD CROSS SECTIONS
SECTION 06-00126-06-SP ST. CLAIR COUNTY, ILLINOIS

F.A.S. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	06-00126-06-SP	ST. CLAIR	15	15
STA. 10+85.00 TO STA. 22+11.90			FEDERAL AID PROJECT CONTRACT 97319	



- LEGEND**
- ~ EXISTING FLAG POST
 - EXISTING SIGN
 - ⊕ EXISTING MAILBOX
 - - - EXISTING CULVERT
 - - - EXISTING DITCH FLOW LINE
 - ⊙ EXISTING TREE
 - ⊙ EXISTING SAPLING
 - ⊙ EXISTING BUSH
 - ⊙ EXISTING TREE STUMP
 - ⊙ EXISTING R.O.W. MONUMENT
 - - - EXISTING UNDERGROUND TELEPHONE
 - - - EXISTING OVERHEAD ELECTRIC
 - ⊙ EXISTING POWER POLE
 - ⊙ EXISTING TELEPHONE PEDESTAL
 - - - PROPOSED DITCH
 - ▨ PAVEMENT REMOVAL
 - PERIMETER EROSION BARRIER
 - ⊕ TEMPORARY DITCH CHECK