

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BLOHM AVE. & VETERANS DR.	*	EFFINGHAM	28	1
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

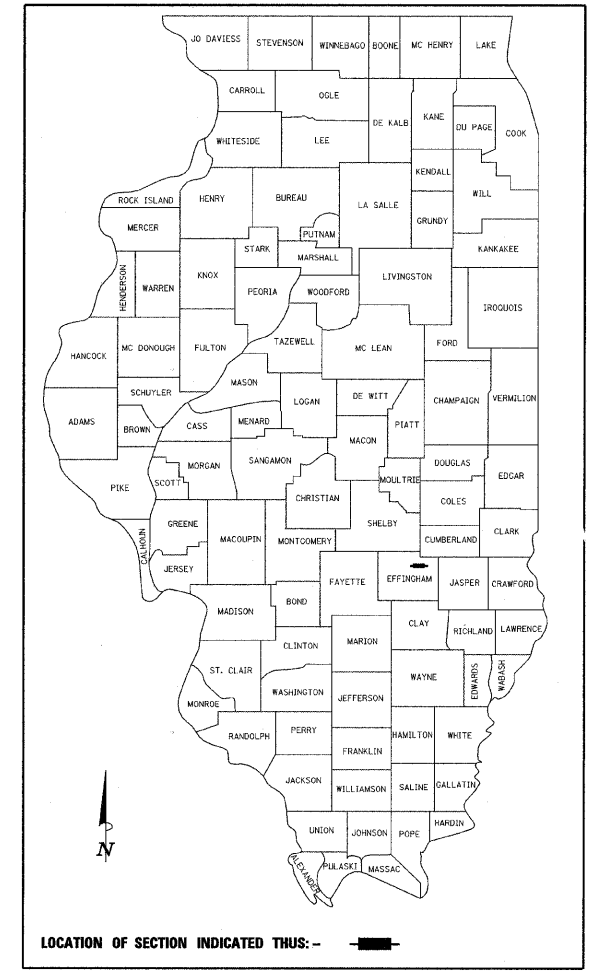
* 04-00101-00-PV
CONTRACT: 95604

PLANS FOR PROPOSED STREET IMPROVEMENTS

**F.A.U. 8381 (VETERANS DRIVE)
AND BLOHM AVENUE
SECTION 04-00101-00-PV
PROJECT M-ARA-5021(025)**

**RECONSTRUCTION
CITY OF EFFINGHAM
EFFINGHAM COUNTY**

C-97-007-10



INDEX OF SHEETS

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ILLINOIS HIGHWAY STANDARD DRAWINGS

STANDARD NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	24' (7.2 M) JOINTED PCC PAVEMENT
420106-04	36' (10.8 M) JOINTED PCC PAVEMENT
420111-02	PCC PAVEMENT ROUNDOUTS
424001-05	CURB RAMPS FOR SIDEWALKS
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
602301-02	INLET - TYPE A
602306-02	INLET - TYPE B
602401-02	MANHOLE TYPE A
602406-03	MANHOLE TYPE A, 6' DIAMETER
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-03	FRAME AND LIDS, TYPE 1
604011-04	FRAME AND GRATE, TYPE 3V
604036-02	GRATE TYPE 8
604066-02	FRAME AND LID, TYPE 15
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
729001-01	APPLICATIONS OF TYPE A AND B METAL POSTS (FOR SIGNS & MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS

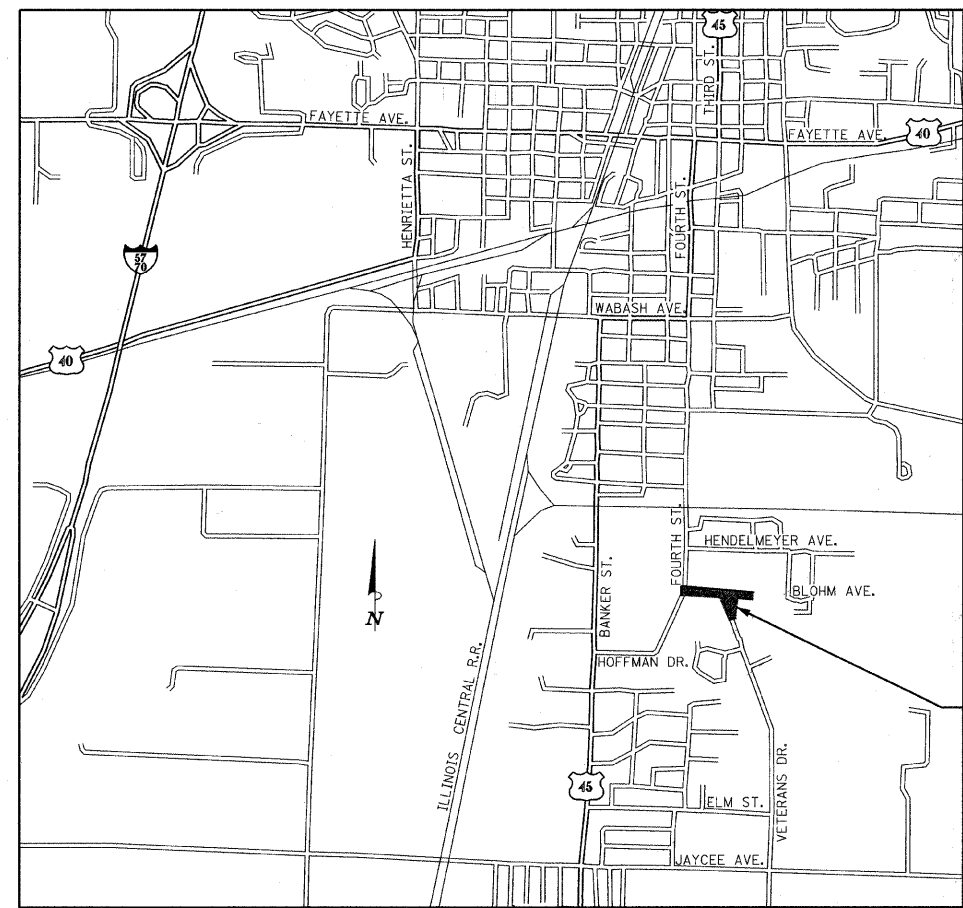
TRAFFIC DATA

VETERANS DRIVE (FAU 8381) - COLLECTOR
2009 ADT = 1,650
2029 ADT = 2,033

**DESIGN SPEED = 30 MPH
POSTED SPEED = 30 MPH**

PLAN	1 INCH = 20 FEET
PROFILE HORIZ.	1 INCH = 20 FEET
PROFILE VERT.	1 INCH = 5 FEET
CROSS SECTIONS HORIZ.	1 INCH = 10 FEET
CROSS SECTIONS VERT.	1 INCH = 5 FEET

FOR JOINT UTILITY INFORMATION
CALL J.U.L.I.E. AT
1-800-892-0123



LOCATION MAP
NOT TO SCALE

TOTAL LENGTH OF IMPROVEMENT = 1,129.50 FEET = 0.21 MILES

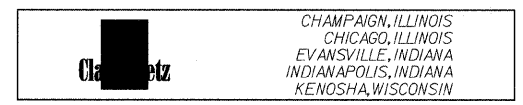
BLOHM AVE./VETERANS DR. IMPROVEMENTS
BLOHM AVE. STA. 9+52.50 TO STA. 16+49
VETERANS DR. STA. 100+24 TO STA. 104+57



Thomas M. Walsh
PROFESSIONAL ENGINEER
CLARK DIETZ, INC.

DATE: AUGUST 31, 2009
LICENSE EXPIRES 11-30-09

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	
APPROVED	<i>September 1 20 09</i> <i>John J. Lange</i> JOHN J. LANGE, MAYOR, CITY OF EFFINGHAM
APPROVED	<i>September 1 20 09</i> <i>Steven W. Miller</i> STEVEN W. MILLER, P.E., CITY ENGINEER
PASSED	<i>9-10 20 09</i> <i>Thomas M. Walsh</i> DISTRICT 7 ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	<i>9-10 20 09</i> <i>Thomas M. Walsh</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION 4 ENGINEER



SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	109
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	18
20100500	TREE REMOVAL, ACRES	ACRE	0.4
20200100	EARTH EXCAVATION	CU YD	2985
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	124
20800150	TRENCH BACKFILL	CU YD	665
25000100	SEEDING, CLASS 1	ACRE	1.6
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	151
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	151
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	151
25000700	AGRICULTURAL GROUND LIMESTONE	TON	3
25100115	MULCH, METHOD 2	ACRE	2
25100630	EROSION CONTROL BLANKET	SQ YD	2437
25200100	SODDING	SQ YD	564
25200200	SUPPLEMENTAL WATERING	UNIT	125
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	11
28000400	PERIMETER EROSION BARRIER	FOOT	320
28000500	INLET AND PIPE PROTECTION	EACH	7
28100101	STONE RIPRAP, CLASS A1	SQ YD	8
28200200	FILTER FABRIC	SQ YD	8
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	4376
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	99
40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	142
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	50
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	20
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINED)	SQ YD	3595
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	321
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	9933
42400800	DETECTABLE WARNINGS	SQ FT	131
44000100	PAVEMENT REMOVAL	SQ YD	229
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	234
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	117
44000600	SIDEWALK REMOVAL	SQ FT	197
48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	16
50105200	REMOVE EXISTING CULVERTS	EACH	5
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	378
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	440
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	196
55100500	STORM SEWER REMOVAL 12"	FOOT	88
60100955	PIPE DRAINS 15"	FOOT	80
60224600	RESTRICTED DEPTH MANHOLES, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1
60237000	INLETS, TYPE A, TYPE 15 FRAME AND LID	EACH	1
60255500	MANHOLES TO BE ADJUSTED	EACH	1
60500060	REMOVING INLETS	EACH	3
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	2237
60900515	CONCRETE THRUST BLOCKS	EACH	1
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6
67100100	MOBILIZATION	L SUM	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
70103700	TRAFFIC CONTROL COMPLETE	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	76
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	52
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	264
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	644
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	132
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	36
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	610
72000100	SIGN PANEL - TYPE 1	SQ FT	45
72900100	METAL POST - TYPE A	FOOT	27
72900200	METAL POST - TYPE B	FOOT	85
78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	52
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	264
78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	644
78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	132
78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	36
X0324547	RESTRICTED DEPTH INLET TYPE B, TYPE 15 FRAME AND LID	EACH	4
X6020074	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	3
X6020127	RESTRICTED DEPTH INLET TYPE B, TYPE 3V FRAME AND GRATE	EACH	1
XX002895	SANITARY MANHOLES TO BE RECONSTRUCTED WITH NEW FRAME & LID	EACH	1
60224110	RESTRICTED DEPTH MANHOLES, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	5
XX006978	RESTRICTED DEPTH MANHOLE 5' DIAMETER, TYPE 3V FRAME & GRATE, SPECIAL	EACH	1
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
Z0051500	REMOVING AND RESETTING STREET SIGNS	EACH	2

*- SEE SPECIAL PROVISIONS

GENERAL NOTES

- ALL ELEVATIONS SHOWN ARE BASED ON VERTICAL DATUM AS PROVIDED BY THE CITY OF EFFINGHAM.
- WHEREVER IN THE PLANS OR SPECIFICATIONS THE TERM "STANDARD SPECIFICATIONS" IS USED IT SHALL BE UNDERSTOOD BY THE CONTRACTOR TO MEAN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AS PREPARED BY THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF ILLINOIS AND ADOPTED ON JANUARY 1, 2007, AND AS AMENDED BY THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.
- ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF ILLINOIS AS LISTED ON THE COVER SHEET.
- UTILITY LOCATIONS WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES. LOCATION ACCURACY SHOULD BE CONSIDERED APPROXIMATE. THE CITY AND ITS ENGINEER ASSUME NO RESPONSIBILITY WHATEVER FOR EITHER THE ACCURACY OF THE LOCATIONS SHOWN OR FOR THE COMPLETENESS OF THE DEPICTED UTILITY INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE EXACT UTILITY LOCATIONS AND TO PROTECT SAME.
- UTILITY OWNERS:

CENTRAL ILLINOIS PUBLIC SERVICE COMPANY 1800 FORD AVE. EFFINGHAM, IL 62401 217/342-2540	CITY OF EFFINGHAM WATER & SEWER DEPARTMENT 201 EAST JEFFERSON EFFINGHAM, IL 62401 217/342-5359
ILLINOIS CONSOLIDATED TELEPHONE COMPANY 407 SOUTH FIFTH STREET EFFINGHAM, IL 62401 217/342-9946	TCI CABLEVISION 710 WEST JEFFERSON EFFINGHAM, IL 62401 217/342-6656
- NOTIFY J.U.L.I.E. 1-800-892-0123 FOR FIELD LOCATES OF NON-CITY UTILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 96 HOURS IN ADVANCE OF THE ANTICIPATED START OF CONSTRUCTION OPERATIONS THAT WILL INVOLVE EXISTING OR RELOCATED UTILITY FACILITIES.
- ANY HAUL ROUTES SELECTED BY THE CONTRACTOR WITHIN THE CITY LIMITS SHALL REQUIRE PRIOR APPROVAL BY THE CITY OF EFFINGHAM ENGINEER.
- DRIVEWAY CENTERLINES ARE PERPENDICULAR TO THE PROPOSED BLOHM AVE. AND VETERANS DR. CENTERLINES UNLESS OTHERWISE SHOWN ON THE PLAN DRAWINGS.
- ALL SALVAGEABLE DRAINAGE ITEMS WHICH ARE NOT INCORPORATED INTO THE WORK SHALL BECOME THE PROPERTY OF THE CITY AND SHALL BE STOCKPILED ON THE JOB SITE AT A LOCATION DESIGNATED BY THE ENGINEER.
- THE TOP-OF-FRAME ELEVATIONS REFERRED TO IN THE DRAINAGE STRUCTURE CALL-OUTS FOR A TYPE 1 FRAME AND LID ARE TAKEN TO THE TOP OF FRAME, WHICH CORRESPONDS TO THE ADJACENT PAVEMENT OR GROUND SURFACE.
- THE TOP-OF-FRAME ELEVATIONS REFERRED TO IN THE DRAINAGE STRUCTURE CALL-OUTS FOR A TYPE 3V FRAME AND GRATE ARE TAKEN TO THE CENTER FRONT EDGE OF THE FRAME WHICH IS PARALLEL TO AND COINCIDENT WITH THE EDGE OF PAVEMENT.
- THE TOP-OF-FRAME ELEVATIONS REFERRED TO IN THE DRAINAGE STRUCTURE CALL-OUTS FOR A TYPE 15 FRAME AND LID ARE TAKEN TO THE ADJACENT TOP OF CURB.
- ABANDONED SEWERS AND OPENINGS CREATED IN DRAINAGE STRUCTURES BY THE REMOVAL OF SEWERS SHALL BE PLUGGED IN ACCORDANCE WITH ARTICLE 550.05 OF THE STANDARD SPECIFICATIONS.
- EXISTING PAVEMENT, SIDEWALKS AND/OR COMBINATION CURB AND GUTTER WHICH ARE TO BE JOINED TO THE PROPOSED WORK SHALL BE SO JOINED THROUGH SAW CUT JUNCTIONS UNLESS EXISTING PAVING WAS TERMINATED IN A BULKHEAD CONSTRUCTION JOINT. JOINTS BETWEEN EXISTING AND PROPOSED PAVEMENT (OR CURB AND GUTTER) SHALL BE OF THE SAME TYPE AS EQUIVALENT JOINTS IN THE PROPOSED PAVEMENT (OR CURB AND GUTTER). DRILLING AND GROUTING TIE BARS OR DOWEL BARS INTO EXISTING PAVEMENT (OR CURB AND GUTTER) SHALL BE CONSIDERED AS INCLUDED IN THE PAY ITEM FOR THE ADJACENT PROPOSED PAVING WORK.
- ALL PAVEMENT STUBS SHALL BE A MINIMUM OF ONE FOOT IN WIDTH UNLESS SPECIFICALLY DIMENSIONED OTHERWISE. WHERE THE P.C. CONCRETE PAVEMENT IS LESS THAN THE REQUIRED STUB WIDTH, IT SHALL BE POURED MONOLITHICALLY WITH THE COMBINATION CONCRETE CURB AND GUTTER.
- THE SEEDING RATES FOR CLASS 1 LAWN MIXTURE AS SPECIFIED IN SECTION 250 OF THE STANDARD SPECIFICATIONS SHALL BE DOUBLED FOR THE ENTIRE PROJECT.
- APPLICATION RATES FOR FERTILIZER FOR AREAS TO BE SEEDDED OR SODDED SHALL BE AS FOLLOWS IN ACCORDANCE WITH SECTIONS 250 AND 252 OF THE STANDARD SPECIFICATIONS, UNLESS OTHERWISE SPECIFIED BY THE ENGINEER:

	SEEDING	SODDING
NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE	60 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENT		
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE	60 LBS/ACRE
AGRICULTURAL GROUND LIMESTONE	2 TONS/ACRE	2 TONS/ACRE
- THE EXCAVATION FOR THIS PROJECT IS CLASSIFIED AS EARTH EXCAVATION IN ACCORDANCE WITH SECTION 202 OF THE STANDARD SPECIFICATIONS. THE EARTH EXCAVATION SHALL INCLUDE THE REMOVAL OF EARTH AND UNCLASSIFIED MATERIALS. CONCRETE REMOVAL IS CLASSIFIED AS DRIVEWAY PAVEMENT REMOVAL, SIDEWALK REMOVAL, CURB & GUTTER REMOVAL, OR GUTTER REMOVAL. REMOVAL OF BITUMINOUS OR AGGREGATE MATERIALS SHALL BE MEASURED AND PAID FOR AS "EARTH EXCAVATION" IN ACCORDANCE WITH SECTION 202 OF THE STANDARD SPECIFICATIONS.
- EARTHWORK QUANTITIES FOR THE ENTIRE PROJECT:

SALVAGEABLE EARTH EXCAVATION = EARTH EXCAVATION (2,985 CU YD) - UNSUITABLE MATERIAL (125 CU YD) = 2,860 CU YD
EMBANKMENT NEEDED = THEORETICAL EMBANKMENT (450 CU YD) x SHRINKAGE FACTOR (1.3) = 585 CU YD
FURNISHED EXCAVATION = EMBANKMENT NEEDED (585 CU YD) - SALVAGEABLE EARTH EXCAVATION (2,860 CU YD) = -2,275 CU YD
- TRENCH BACKFILL IN ACCORDANCE WITH SECTION 208 SHALL BE USED FOR THE STORM SEWER BEYOND STATION 16+48 TO STRUCTURE 22.
- THE STRAW IN MULCH METHOD 2 SHALL BE STABILIZED USING PROCEDURE 2.
- A QUANTITY OF SUPPLEMENTAL WATERING HAS BEEN INCLUDED IN THE PLANS FOR WATERING OF SEEDDED (8 APPLICATIONS OF 178 UNITS) AND SODDED AREAS (5 APPLICATIONS OF 12 UNITS). SUPPLEMENTAL WATERING SHALL BE PERFORMED WHEN DIRECTED BY THE ENGINEER. APPLICATION RATES SHALL BE AS FOLLOWS:

SEEDING 2 GAL/SQ YD (PAID FOR AS SUPPLEMENTAL WATERING)	SODDING 1 GAL/SQ YD-INITIAL WATERING BEFORE SOD IS PLACED (INCLUDED IN CONTRACT) 5 GAL/SQ YD-INITIAL WATERING AFTER SOD IS PLACED (INCLUDED IN CONTRACT) 3 GAL/SQ YD-7 ADDITIONAL WATERINGS (INCLUDED IN CONTRACT) 3 GAL/SQ YD-WATERINGS REQUIRED AFTER THE INITIAL WATERINGS AND 5 ADDITIONAL WATERINGS (PAID FOR AS "SUPPLEMENTAL WATERING" PER UNITS OF 1000 GALLONS).
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- 18" LONG PRE-COATED SMOOTH DOWEL BARS FOR USE IN THE SAWED CONTRACTION JOINTS AND EXPANSION JOINTS AS SHOWN IN STANDARD 420001 SHALL BE 1/2" DIAMETER.
- THE COARSE AGGREGATE IN SUB-BASE GRANULAR MATERIAL, TYPE B SHALL BE GRADATION CA-6 AND CLASS A OR C QUALITY.

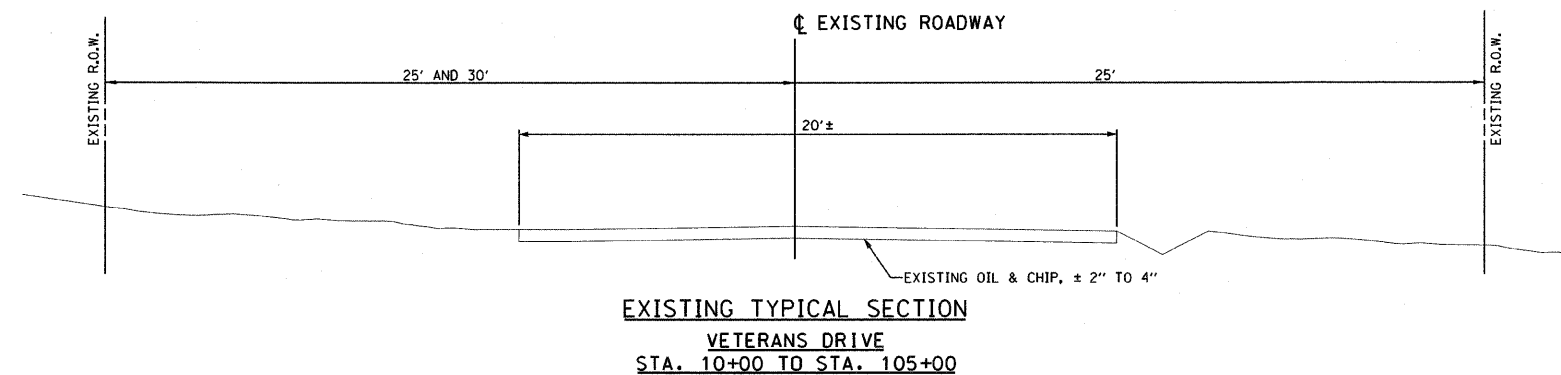
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BLOHM AVE. & VETERANS DR.	*	EFFINGHAM	28	2
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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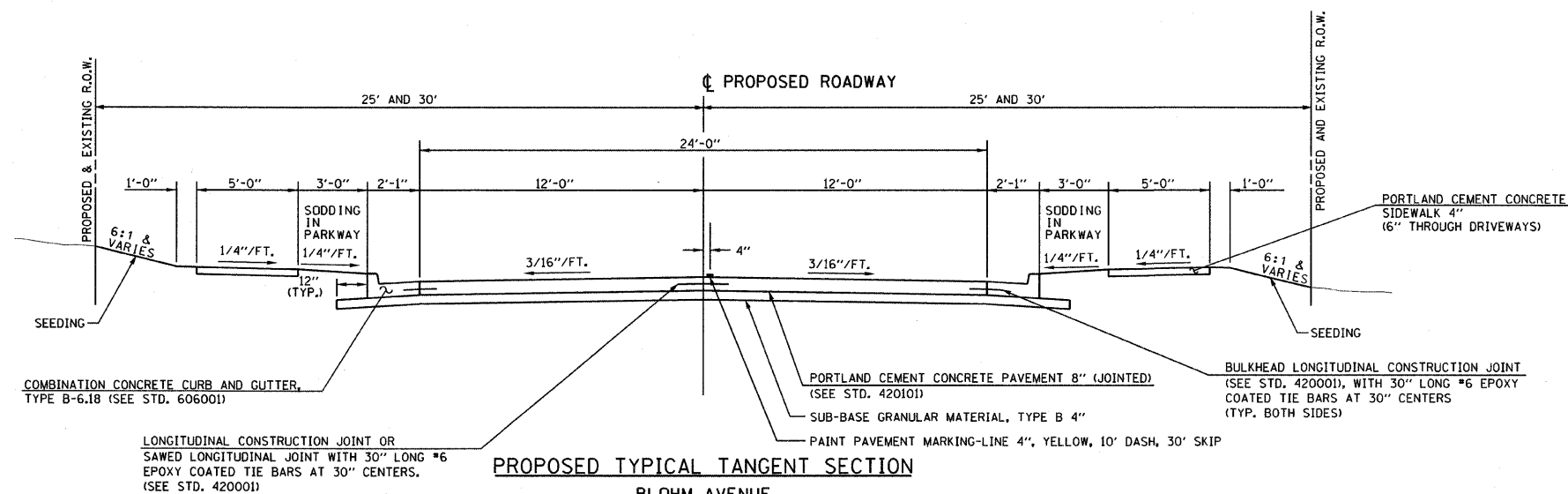
GENERAL NOTES /SUMMARY OF QUANTITIES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BLOHM AVE. & VETERANS DR.	*	EFFINGHAM	28	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

* 04-00101-00-PV
CONTRACT: 95604



EXISTING TYPICAL SECTION
VETERANS DRIVE
STA. 10+00 TO STA. 105+00



PROPOSED TYPICAL TANGENT SECTION
BLOHM AVENUE
STA. 9+52.5 TO STA. 13+30,
STA. 15+53 TO STA. 16+48.8
VETERANS DRIVE
STA. 100+12 TO STA. 100+87

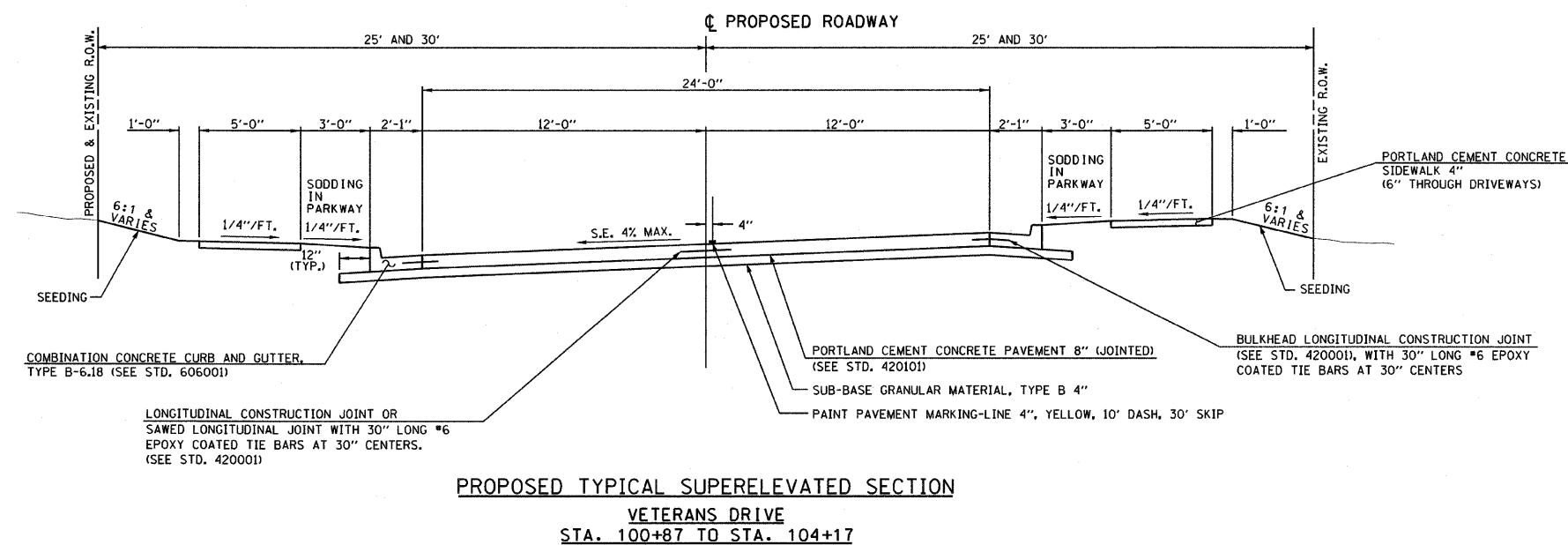
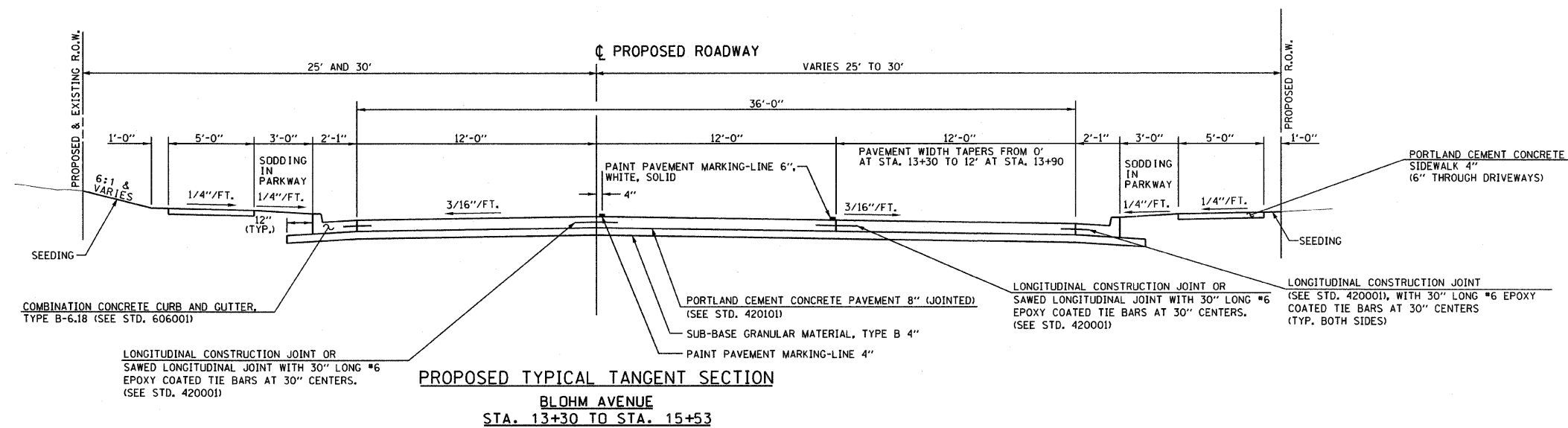
STRUCTURAL PAVEMENT DESIGN INFORMATION

STRUCTURAL DESIGN TRAFFIC: YEAR 2030
 PV= 3,952 SU= 123 MU= 42
 ROAD/STREET CLASSIFICATION: CLASS II
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 50% S = 50% M = 50%
 TRAFFIC FACTOR: ACTUAL TF= 0.33
 MINIMUM TF= NO MINIMUM STRUCTURAL TRAFFIC REQUIREMENT
 SUBGRADE SUPPORT RATING: SSR= "FAIR"
 MINIMUM STRUCTURAL DESIGN REQUIREMENTS:
 JOINTED PCC PAVEMENT = 8"
 GRANULAR SUBBASE = 4"

TYPICAL SECTIONS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BLOHM AVE. & VETERANS DR.	*	EFFINGHAM	28	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* 04-00101-00-PV
CONTRACT: 95604



STRUCTURAL PAVEMENT DESIGN INFORMATION

STRUCTURAL DESIGN TRAFFIC: YEAR 2030
 PV= 4,117 SU= 123 MU= 42
 ROAD/STREET CLASSIFICATION: CLASS II
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 50% S = 50% M = 50%
 TRAFFIC FACTOR: ACTUAL TF= 0.33
 MINIMUM TF= NO MINIMUM STRUCTURAL TRAFFIC REQUIREMENT
 SUBGRADE SUPPORT RATING: SSR= "FAIR"
 MINIMUM STRUCTURAL DESIGN REQUIREMENTS:
 JOINTED PCC PAVEMENT = 8"
 GRANULAR SUBBASE = 4"

NOTE: SEE VETERANS DRIVE PLAN SHEET FOR SUPERELEVATION TRANSITION INFORMATION

TYPICAL SECTIONS

* 04-00101-00-PV
CONTRACT: 95604

Description: TREE REMOVAL (6 to 15 UNITS DIAMETER)						Unit: UNIT DIAMETER	
Location	Station	Offset (FT)	Side	Quantity (Unit Diameter)			
				Subtotal	Cummulative		
Blohm Ave							
	14+95.3	+3.4	LT	10.0	10.0		
	15+00.8	+5.7	LT	10.0	20.0		
	15+22.9	+9.7	RT	8.0	28.0		
	15+73.0	+6.2	RT	6.0	34.0		
	15+86.4	+3.5	RT	12.0	46.0		
	16+02.8	+2.9	RT	10.0	56.0		
	16+15.4	+1.6	RT	10.0	66.0		
	16+67.6	+4.1	LT	15.0	81.0		
	16+92.5	+6.5	LT	8.0	89.0		
	17+23.8	+9.	LT	10.0	99.0		
Veterans Dr							
	102+83.4	+21.9	LT	10.0	109.0		

Description: TREE REMOVAL (OVER 15 UNITS DIAMETER)						Unit: UNIT DIAMETER	
Location	Station	Offset (FT)	Side	Quantity (Unit Diameter)			
				Subtotal	Cummulative		
Veterans Dr	101+49.2	+22.2	LT	18.0	18.0		

Description: TRENCH BACKFILL										Unit: CUBIC YARD	
Location	Begin		End		Length (FT)	Width (FT)	Area (SF)	Depth (FT)	Quantity (CY)		
	Station	Side	Station	Side					Subtotal	Cumm.	
Blohm Ave											
	9+60.3	LT	10+06.0	LT					15.7	15.7	
	10+06.0	LT	10+06.0	LT					2.4	18.1	
	10+76.0	LT	10+76.0	RT					4.8	22.9	
	10+76.0	LT	10+06.0	LT					15.8	38.7	
	13+28.0	LT	14+15.0	LT					12.0	50.7	
	14+15.0	LT	14+15.0	RT					4.8	55.5	
	14+15.0	LT	15+26.0	LT					14.2	69.7	
	15+26.0	LT	15+25.1	RT					39.9	109.6	
	15+25.1	RT	15+60.4	RT					41.7	151.3	
	15+26.0	LT	16+37.0	LT					117.4	268.7	
	16+37.0	LT	16+37.2	RT					35.2	303.9	
	16+37.2	RT	17+48.0	RT					115.7	419.6	
	17+48.0	RT	18+80	RT					106.4	526.0	
	18+80.0	RT	19+50.3	RT					49.9	575.9	
W Blohm Ave - S Veterans Ave											
	15+60.4	RT	101+10.0	RT					10.3	586.2	
Veterans Ave											
	101+10.0	RT	101+15.0	RT					5.4	591.6	
	101+15.0	RT	101+44.0	RT					3.8	595.4	

Description: EARTH EXCAVATION								Unit: CUBIC YARD			
Location	Begin		End		Quantity Cut (CY)		Quantity Fill (CY)				
	Station	Side	Station	Side	Subtotal	Cumm.	Subtotal	Cumm.			
Blohm Avenue											
	9+52.50		9+75.00		61.7	61.7	0.0	0.0			
	9+75.00		10+00.00		56.6	118.3	0.0	0.0			
	10+00.00		10+52.00		135.3	253.6	1.3	1.3			
	10+52.00		10+76.00		60.3	313.9	2.8	4.1			
	10+76.00		11+00.00		53.3	367.2	4.7	8.8			
	11+00.00		11+50.00		105.0	472.2	16.9	25.6			
	11+50.00		12+00.00		93.5	565.7	26.9	52.5			
	12+00.00		12+50.00		87.3	653.1	31.9	84.3			
	12+50.00		13+00.00		93.8	746.9	24.2	108.5			
	13+00.00		13+16.50		36.1	783.0	3.9	112.4			
	13+16.50		13+30.00		30.3	813.3	2.2	114.6			
	13+30.00		13+50.00		43.9	857.2	3.7	118.3			
	13+50.00		13+90.00		94.5	951.7	7.3	125.6			
	13+90.00		14+00.00		23.0	974.8	2.0	127.6			
	14+00.00		14+48.00		133.2	1108.0	7.8	135.5			
	14+48.00		15+00.00		153.9	1261.9	2.4	137.9			
	15+00.00		15+50.00		151.7	1413.6	0.3	138.1			
	15+50.00		16+00.00		225.2	1638.7	0.0	138.1			
	16+00.00		16+25.00		126.3	1765.0	0.0	138.1			
	16+25.00		16+50.00		110.231	1875.3	0	138.1			
Veterans Dr											
	100+50.00		101+00.00		342.8	2218.1	30.3	168.4			
	101+00.00		101+10.00		54.6	2272.7	5.5	173.9			
	101+10.00		101+40.00		138.8	2411.4	10.9	184.9			
	101+40.00		101+71.50		124.8	2536.2	3.0	187.8			
	101+71.50		102+00.00		91.4	2627.6	1.0	188.8			
	102+00.00		102+10.00		23.8	2651.4	0.7	189.5			
	102+10.00		102+50.00		85.0	2736.4	24.6	214.1			
	102+50.00		103+00.00		83.1	2819.5	63.4	277.5			
	103+00.00		103+50.00		60.1	2879.6	73.8	351.3			
	103+50.00		103+83.00		36.9	2916.4	42.7	394.0			
	103+83.00		104+00.00		18.7	2935.1	17.1	411.1			
	104+00.00		104+17.00		16.2	2951.3	16.9	428.0			
	104+17.00		104+57.00		33.2	2984.5	19.9	447.9			

SCHEDULES OF QUANTITIES

* 04-00101-00-PV
CONTRACT: 95604

Description: SEEDING, CLASS I								Unit: ACRE	
Location	Begin		End		Quantity (SF)		Quantity (Acre)		
	Station	Side	Station	Side	Subtotal	Cumm.	Subtotal	Cumm.	
Blohm Ave									
	9+54.2	LT	16+48.8	LT	16190.3	16190.3	0.37	0.37	
	9+54.8	RT	10+44.0	RT	1180.0	17370.3	0.03	0.40	
	10+58.0	RT	12+78.2	RT	6610.0	23980.3	0.15	0.55	
	12+84.0	RT	15+80.0	RT	13048.6	37028.9	0.30	0.85	
Woodland Rem.	16+48.8		20+10.0		21925.0	58953.9	0.50	1.35	
Veterans Dr									
	101+86.3	RT	104+57.0	RT	7226.7	66180.6	0.17	1.52	
	100+24.9	LT	103+65.5	LT	5060.2	71240.8	0.12	1.64	
	104+57.0	LT	104+00.5	LT	793.0	72033.8	0.02	1.65	

Description: SODDING								Unit: SQUARE YARD	
Location	Begin		End		Length (FT)	Width (FT)	Area (SF)	Quantity (SY)	
	Station	Side	Station	Side				Subtotal	Cumm.
Blohm Ave									
	9+54.2	LT	12+38.1	LT			757.0	84.1	84.1
	12+61.8	LT	14+35.3	LT			506.0	56.2	140.3
	14+61.05	LT	16+48.8	LT			538.2	59.8	200.1
	9+54.8	RT	10+44.0	RT			135.0	15.0	215.1
	10+58.0	RT	12+78.2	RT			680.0	75.6	290.7
	12+84.0	RT	15+80.0	RT			772.5	85.8	376.5
	16+27.9	RT	16+48.8	RT			63.8	7.1	383.6
Veterans Dr									
	101+86.3	RT	104+17.0	RT			683.9	76.0	76.0
	100+28.8	LT	103+59.5	LT			918.0	102.0	178.0
	104+06.7	LT	104+17.0	LT			23.0	2.6	180.5

564.1

Description: SUB-BASE GRANULAR MATERIAL, TYPE B 4"								Unit: Square Yard	
Location	Begin		End		Length (FT)	Width (FT)	Area (SF)	Quantity (SY)	
	Station	Side	Station	Side				Subtotal	Cumm.
Blohm Ave									
	9+54.2		14+93.0		---	---	18788.4	2087.6	2087.6
	14+93.0		16+48.8		---	---	4718.9	524.3	2611.9
Veterans Dr									
	100+12.0		104+17.0		---	---	15877.6	1764.2	4376.1

Description: PCC PAVEMENT 8" (JOINTED)								Unit: SQUARE YARD	
Location	Begin		End		Length (FT)	Width (FT)	Area (SF)	Quantity (SY)	
	Station	Side	Station	Side				Subtotal	Cumm.
Blohm Ave									
	9+54.2		14+93.0		---	---	15159.6	1684.4	1684.4
	14+93.0		16+48.8		---	---	4396.3	488.5	2172.9
Veterans Dr									
	100+12.0		104+17.0		---	---	12804.7	1422.7	3595.6

Description: PCC SIDEWALK 4"								Unit: SQUARE FOOT	
Location	Begin		End		Length (FT)	Width (FT)	Quantity (SF)		
	Station	Side	Station	Side			Subtotal	Cumm.	
Blohm Ave									
	9+54.2	LT	16+48.8	LT			3389.8	3389.8	
W Blohm Ave - S Veterans Dr									
	9+54.8	RT	104+17.0	RT			4514.2	7904.0	
Veteran Dr									
	100+19.2	LT	104+17.0	LT			2029.6	9933.6	

Description: COMBINATION CURB AND GUTTER REMOVAL								Unit: LINEAR FOOT	
Location	Begin		End		Length (FT)	Quantity (LF)			
	Station	Side	Station	Side		Subtotal	Cumm.		
Blohm Ave									
	9+52.5	LT	9+52.5	LT	14.5	14.5	14.5		
	9+21.8	LT	9+01.7	RT	102.0	102.0	116.5		

Description: SIDEWALK REMOVAL								Unit: SQUARE FOOT	
Location	Begin		End		Length (FT)	Width (FT)	Quantity (SF)		
	Station	Side	Station	Side			Subtotal	Cumm.	
Blohm Ave									
	9+17.5	LT	9+17.5	RT	49.3	4	197.0	197.0	

SCHEDULES OF QUANTITIES

* 04-00101-00-PV
CONTRACT: 95604

Description: COMBINATION CONCRETE CURB AND GUTTER , TYPE B-6.18 Unit: LINEAR FOOT							
Location	Begin		End		Length (FT)	Quantity (LF)	
	Station	Side	Station	Side		Subtotal	Cumm.
Blohm Ave							
	9+54.2	LT	16+48.8	LT	714.7	714.7	714.7
W Blohm Ave - S Veterans Dr							
	9+54.8	RT	104+17.0	RT	1000.3	1000.3	1715.0
4th St.							
	9+21.3	LT	9+01.2	RT	100.5	100.5	1815.5
							400.0
Veterans Dr							
	100+19.2	LT	104+17.0	LT	422.4	422.4	2237.9

Description: PAINT PAVEMENT MARKING - LINE 6" Unit: LINEAR FOOT							
Location	Begin		End		Length (FT)	Quantity (LF)	
	Station	Side	Station	Side		Subtotal	Cumm.
Blohm Ave							
Crosswalk Striping	9+23.33	LT	9+64.	LT	40.6	40.6	40.6
Crosswalk Striping	9+23.4	LT	9+71.3	LT	47.9	47.9	88.6
Crosswalk Striping	9+77.	LT	9+77.	RT	29.2	29.2	117.7
Crosswalk Striping	9+82.	LT	9+82.	RT	27.2	27.2	144.9
EB Outside Edge Striping	13+90.	RT	15+82.6	RT	192.0	192.0	336.8
EB Right Turn Left Edge Striping	15+24.8	RT	15+84.5	RT	72.7	72.7	409.5
EB Right Turn Right Edge Striping	14+84.7	RT	15+79.	RT	133.2	133.2	542.7
Crosswalk Striping	16+21.5	RT	16+21.5	LT	34.8	34.8	577.5
Crosswalk Striping	16+26.5	RT	16+26.5	LT	30.8	30.8	608.3
Veterans Dr							
	100+11.4	RT	100+47.5	RT	36.1	36.1	36.1

644.4

Description: PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS Unit: SQUARE FOOT								
Location	Begin		End		Length (FT)	Width (FT)	Quantity (SF)	
	Station	Side	Station	Side			Subtotal	Cumm.
Blohm Ave								
EB Right Turn Arrow	15+00.	RT	14+08.	RT	---	---	15.6	15.6
EB "ONLY"	14+51.	RT	14+59.9	RT	---	---	20.8	36.4
EB Right Turn Arrow	15+02.	RT	15+10.1	RT	---	---	15.6	52.0

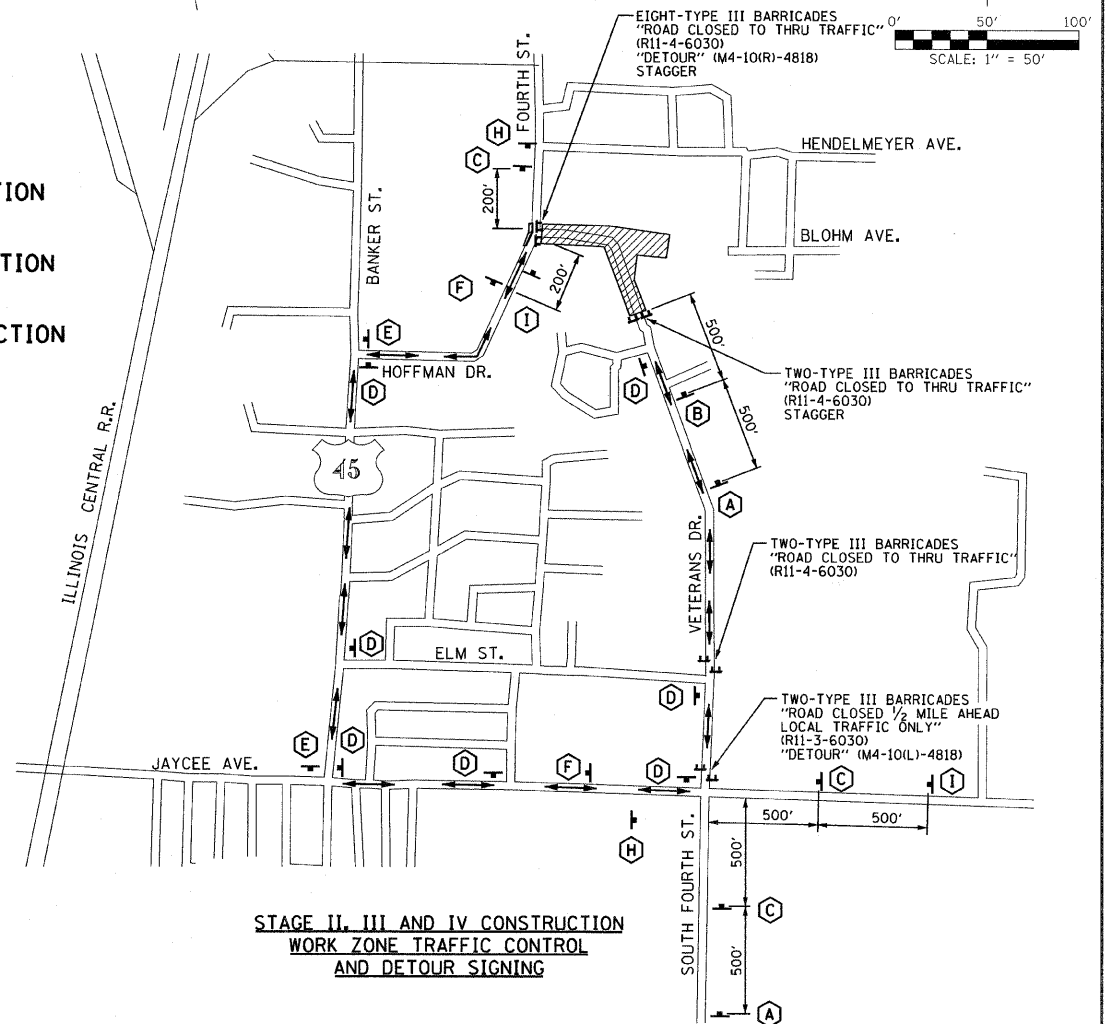
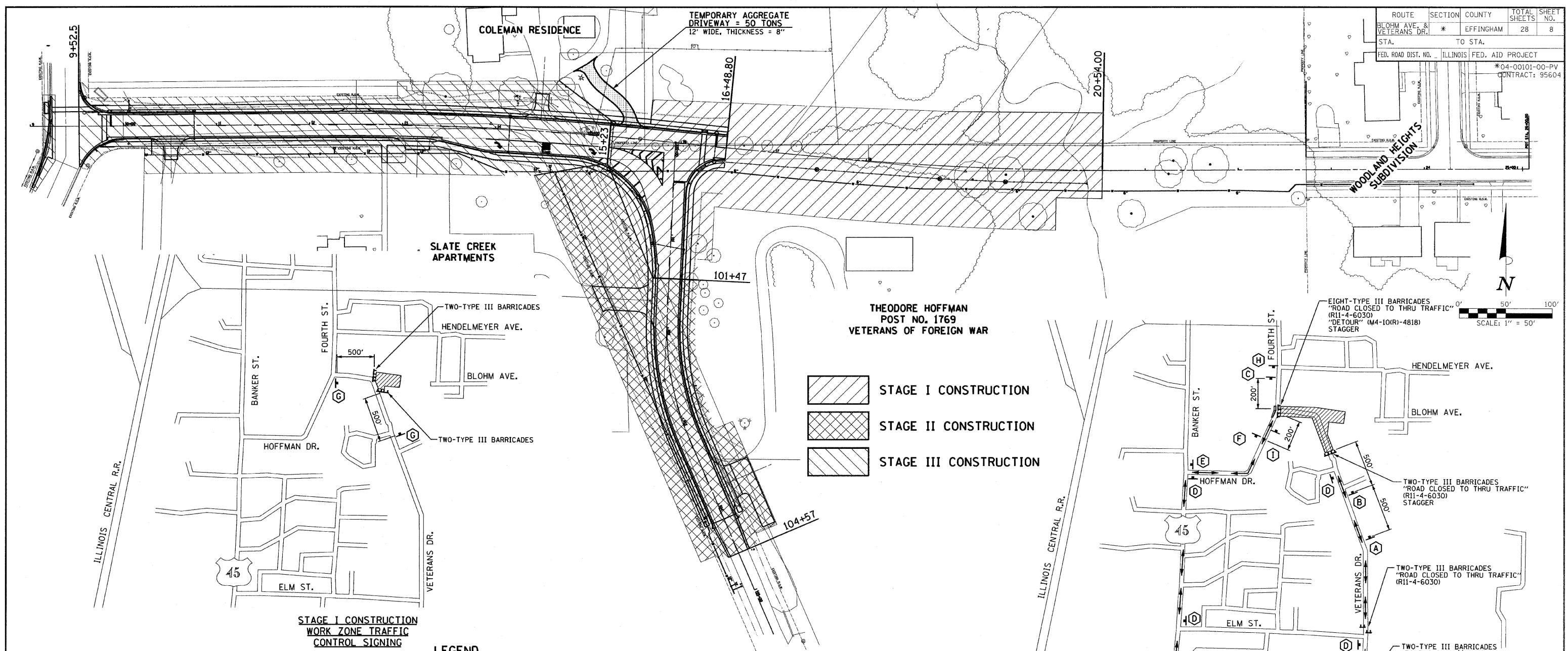
Description: PAINT PAVEMENT MARKING - LINE 12" Unit: LINEAR FOOT							
Location	Begin		End		Length (FT)	Quantity (LF)	
	Station	Side	Station	Side		Subtotal	Cumm.
Blohm Ave							
EB Right Turn Lane Right Gore	15+13.4	RT	15+17.6	RT	6.0	6.0	6.0
	15+28.7	RT	15+35.7	RT	9.9	9.9	15.8
	15+42.1	RT	15+49.3	RT	10.3	10.3	26.1
	15+53.7	RT	15+59.7	RT	8.4	8.4	34.5
	15+63.8	RT	15+67.	RT	4.5	4.5	39.0
	15+72.1	RT	15+73.1	RT	1.4	1.4	40.4
EB Right Turn Lane Left Gore	15+39.6	RT	15+40.4	RT	2.5	2.5	43.0
	15+48.2	RT	15+50.5	RT	6.1	6.1	49.1
	15+56.7	RT	15+60.6	RT	11.4	11.4	60.5
	15+63.9	RT	15+70.6	RT	17.8	17.8	78.3
	15+70.6	RT	15+80.6	RT	26.1	26.1	104.3
	15+77.3	RT	15+78.3	RT	10.9	10.9	115.2
	15+77.3	RT	15+83.8	RT	8.8	8.8	124.0
	15+80.6	RT	15+84.2	RT	5.1	5.1	129.1
	15+81.	RT	15+83.1	RT	2.8	2.8	131.9

Description: PAINT PAVEMENT MARKING - LINE 4" Unit: LINEAR FOOT							
Location	Begin		End		Length (FT)	Quantity (LF)	
	Station	Side	Station	Side		Subtotal	Cumm.
Blohm Ave.							
4" Skip Dashes	9+86.	CL	15+50.2	CL	144	144.0	144.0
4" Skip Dashes	16+38.	CL	16+48.	CL	10	10.0	154.0
Veterans Dr							
4" Skip Dashes	100+44.	CL	105+54.	CL	110	110.0	264.0

Description: PAINT PAVEMENT MARKING - LINE 24" Unit: LINEAR FOOT							
Location	Begin		End		Length (FT)	Quantity (LF)	
	Station	Side	Station	Side		Subtotal	Cumm.
Blohm Ave							
Stop Bar	9+86.	LT	9+86.	CL	12.0	12.0	12.0
	16+37.	LT	16+37.	CL	12.0	12.0	24.0
Veterans Dr.							
Stop Bar	100+42.	CL	100+42.	LT	12.0	12.0	36.0

SCHEDULES OF QUANTITIES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BLOHM AVE. & VETERANS DR.	*	EFFINGHAM	28	8
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
			*04-00101-00-PV CONTRACT: 95604	



LEGEND

	TYPE III BARRICADES		18" x 18" ORANGE FLAG		FLASHING AMBER LIGHT		DETOUR ROUTE		WORK ZONE
	W20-31(0)-48 SIGN A		W20-31(0)-48 SIGN B		W20-21(0)-48 SIGN C		M4-9R(0)-3024 SIGN D		M4-9L(0)-3024 SIGN E
	M4-9(0)-3024 SIGN F		W20-1(0)-48 SIGN G		W20-3(0)-48 SIGN H		W20-3(0)-48 SIGN I		

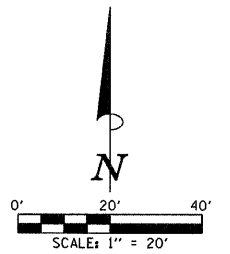
- TRAFFIC CONTROL GENERAL NOTES**
- TRAFFIC CONTROL AND PROTECTION AS DETAILED HEREIN DURING STAGES I, II, III AND IV WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR "TRAFFIC CONTROL COMPLETE".
 - TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE APPLICABLE ARTICLES OF THE STANDARD SPECIFICATIONS, THE APPLICABLE GUIDELINES CONTAINED IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE SPECIAL PROVISIONS, THESE PLANS AND HIGHWAY STANDARDS 701301, 701501 AND 701901.
 - FLASHERS SHALL BE PLACED ON ALL TYPE III BARRICADES.
 - EXISTING VETERANS DR. SHALL REMAIN OPEN TO LOCAL TRAFFIC EXCEPT AS NOTED. INGRESS AND EGRESS TO DRIVEWAYS SHALL BE MAINTAINED AS SHOWN ON THESE PLANS AND/OR AS DIRECTED BY THE ENGINEER. A QUANTITY OF "AGGREGATE FOR TEMPORARY ACCESS" HAS BEEN INCLUDED IN THE CONTRACT FOR DRIVEWAY ACCESS.
 - ACCESS TO THE PROJECT SITE BY THE CONTRACTOR'S HEAVY VEHICLES AND EQUIPMENT WILL BE LIMITED TO INGRESS AND EGRESS FROM FOURTH STREET/HOFFMAN DRIVE AND SOUTH VETERANS DRIVE. THE CONTRACTOR'S HEAVY VEHICLES AND EQUIPMENT WILL NOT BE ALLOWED ACCESS TO THE PROJECT SITE THROUGH THE WOODLAND HEIGHTS SUBDIVISION.
- STAGE I CONSTRUCTION**
BLOHM AVENUE - STATION 15+23 TO STATION 20+54
VETERANS DRIVE - STATION 100+00 TO STATION 101+47
- MAINTAIN TWO-WAY TRAFFIC FLOW ON EXISTING VETERANS DRIVE. SIGN WORK ZONE TRAFFIC CONTROL PER DETAIL THIS SHEET.
 - CONSTRUCT PROPOSED IMPROVEMENTS TO LIMITS AS SHOWN ON PLANS FOR STAGE I CONSTRUCTION.
 - DO NOT CONSTRUCT CURB AND GUTTER FROM LEFT STATION 15+23 TO STATION 15+68. (A TEMPORARY AGGREGATE DRIVEWAY WILL BE INSTALLED IN STAGE II AT THIS LOCATION FOR ACCESS TO THE COLEMAN RESIDENCE DURING STAGE III.)
- STAGE II CONSTRUCTION**
VETERANS DRIVE - STATION 101+47 TO STATION 104+57
- CLOSE EXISTING VETERANS DRIVE TO THRU TRAFFIC. SIGN DETOUR ROUTE AND WORK ZONE TRAFFIC CONTROL PER DETAIL THIS SHEET. MAINTAIN LOCAL ACCESS TO COLEMAN RESIDENCE AND SLATE CREEK APARTMENTS ON EXISTING EAST-WEST LEG OF VETERANS DRIVE.
 - CONSTRUCT PROPOSED IMPROVEMENTS TO LIMITS AS SHOWN ON PLANS FOR STAGE II CONSTRUCTION. CONSTRUCT TEMPORARY AGGREGATE DRIVEWAY FOR ACCESS TO COLEMAN RESIDENCE DURING STAGE III.
- STAGE III CONSTRUCTION**
BLOHM AVENUE - STATION 9+52.5 TO STATION 15+23
- EXISTING VETERANS DRIVE TO REMAIN CLOSED TO THRU TRAFFIC. LOCAL ACCESS PROVIDED ON SOUTH LEG OF VETERANS DRIVE CONSTRUCTED IN STAGE II. FOR ACCESS TO COLEMAN RESIDENCE USE TEMPORARY AGGREGATE DRIVEWAY AND FOR SLATE CREEK APARTMENT'S ACCESS USE NEW ENTRANCE AT RIGHT STATION 101+71.5.
 - CONSTRUCT PROPOSED IMPROVEMENTS TO LIMITS AS SHOWN ON PLANS FOR STAGE III CONSTRUCTION.
- STAGE IV CONSTRUCTION (NOT SHOWN)**
BLOHM AVENUE - STATION 9+52.5 TO STATION 20+54.0
VETERANS DRIVE - STATION 100+00 TO STATION 104+57
- EXISTING VETERANS DRIVE TO REMAIN CLOSED TO THRU TRAFFIC. FOR LOCAL ACCESS TO COLEMAN RESIDENCE USE NEW ENTRANCE AT LEFT STATION 14+48. SLATE CREEK APARTMENTS ACCESS IS THE SAME AS IN STAGE III.
 - REMOVE TEMPORARY AGGREGATE DRIVEWAY AT COLEMAN RESIDENCE AND REGRADE AREA.
 - PERFORM ANY MISCELLANEOUS CONSTRUCTION NOT PERFORMED IN PREVIOUS CONSTRUCTION STAGES. PERFORM FINAL GRADING, SHAPING, SEEDING, PAVEMENT STRIPING AND ERECT STREET SIGNS.
 - PERFORM FINAL CLEANUP.
 - REMOVE DETOUR SIGNING AND OPEN ROADWAY TO THRU TRAFFIC.

STAGE CONSTRUCTION AND TRAFFIC CONTROL PLAN

JAMES E. COLEMAN AND
TERESA H. COLEMAN

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BLOHM AVE. & VETERANS DR.	*	EFFINGHAM	28	9
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

* 04-00101-00-PV
CONTRACT: 95604



LOCATION STR. - STR. OR STA., O.S.	STORM SEWER REMOVAL (FOOT)	TRENCH BACKFILL (CU YD)
3 - 2	9	4.1
4 - 3	36	16.3
5 - 24"S.S.	43	49.7

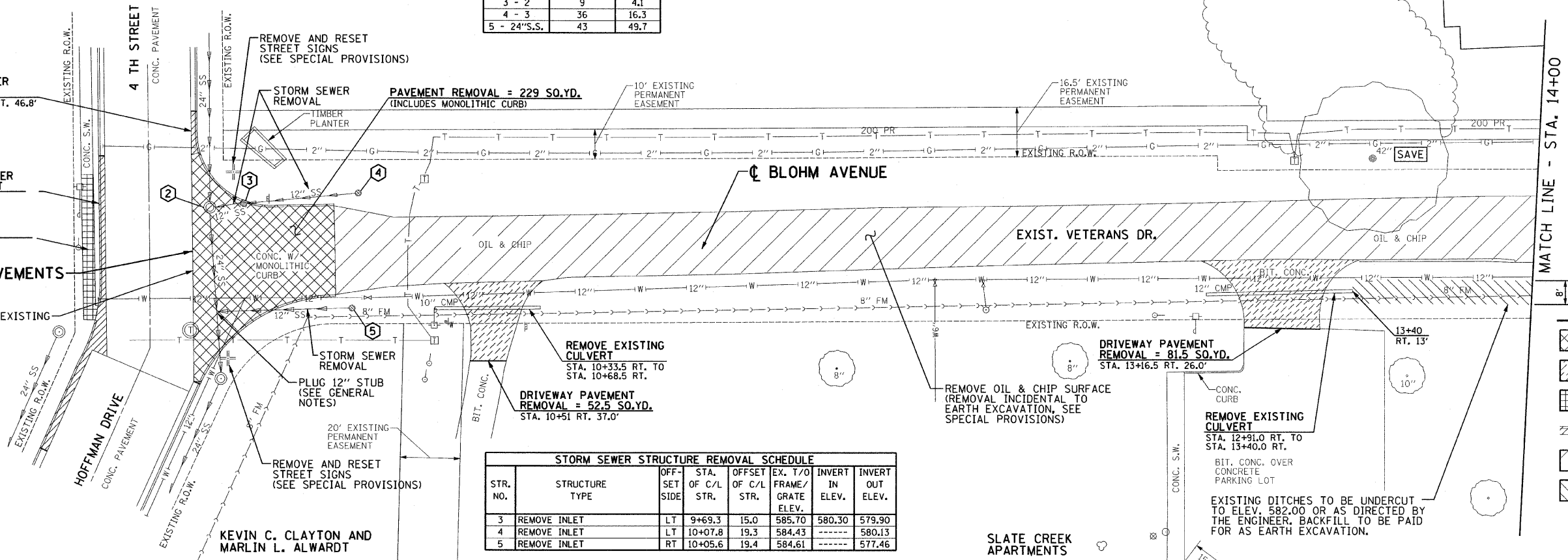
COMB. CURB AND GUTTER
REMOVAL = 14.5 FOOT
STA. 9+52.5 LT. 32.3' TO LT. 46.8'

COMB. CURB AND GUTTER
REMOVAL = 102.0 FOOT
STA. 9+21.8 LT. 32.2' TO
STA. 9+01.7 RT. 65.7'

SIDEWALK REMOVAL =
197.0 SQ. FT.
STA. 9+17.5 LT. 25.9' TO
STA. 9+17.5 RT. 22.8'

BEGIN IMPROVEMENTS
STA. 9+52.50

SAW CUT EXISTING
PAVEMENT



STR. NO.	STRUCTURE TYPE	OFF-SET OF C/L SIDE	STA. OF C/L STR.	OFFSET OF C/L STR.	EX. T/O FRAME/GRATE ELEV.	INVERT IN ELEV.	INVERT OUT ELEV.
3	REMOVE INLET	LT	9+69.3	15.0	585.70	580.30	579.90
4	REMOVE INLET	LT	10+07.8	19.3	584.43	-----	580.13
5	REMOVE INLET	RT	10+05.6	19.4	584.61	-----	577.46

[Cross-hatched box]	PAVEMENT REMOVAL
[Diagonal hatched box]	DRIVEWAY PAVEMENT REMOVAL
[Grid hatched box]	SIDEWALK REMOVAL
[Horizontal hatched box]	CURB AND GUTTER REMOVAL
[Diagonal hatched box]	EXISTING OIL & CHIP ROAD
[Dotted box]	UNSUITABLE MATERIAL REMOVAL
[Circle with cross]	TREE REMOVAL

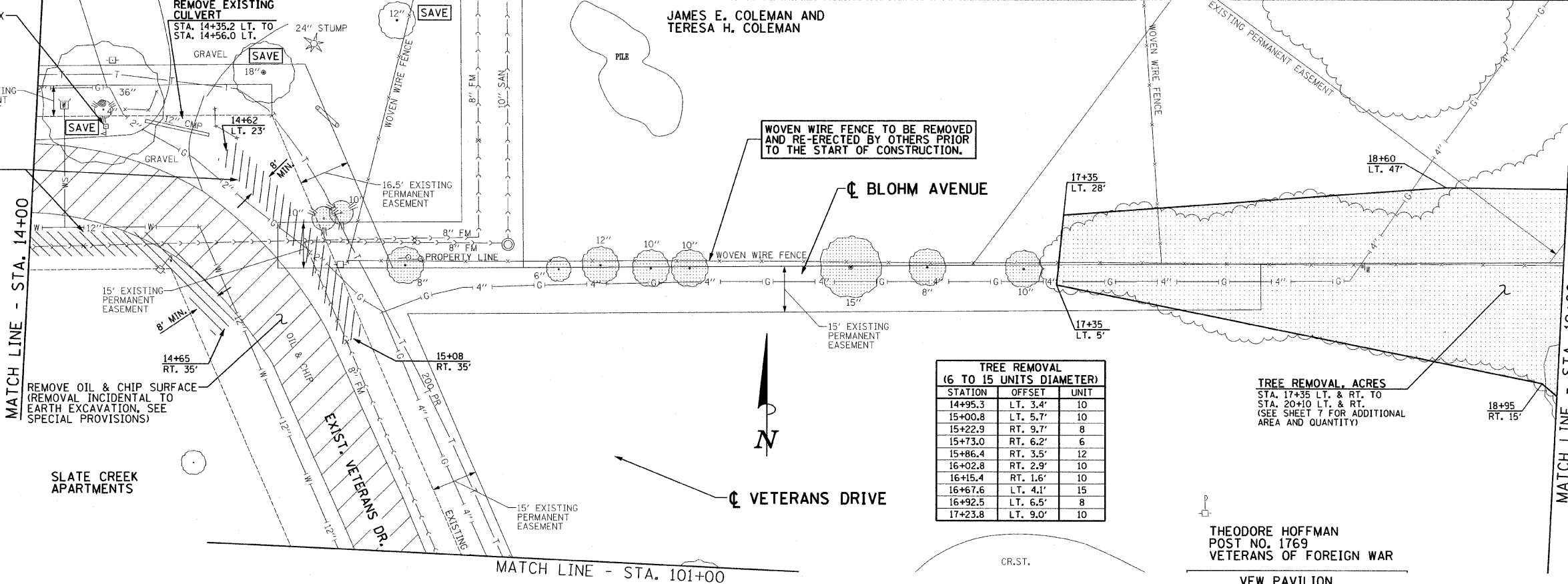
RELOCATE EXISTING MAILBOX
TO STATION 14+23 LT.

REMOVE EXISTING
CULVERT
STA. 14+35.2 LT. TO
STA. 14+56.0 LT.

JAMES E. COLEMAN AND
TERESA H. COLEMAN

WOVEN WIRE FENCE TO BE REMOVED
AND RE-ERECTED BY OTHERS PRIOR
TO THE START OF CONSTRUCTION.

EXISTING DITCHES TO BE UNDERCUT
TO ELEV. 582.00 OR AS DIRECTED BY
THE ENGINEER. BACKFILL TO BE PAID
FOR AS EARTH EXCAVATION.



STATION	OFFSET	UNIT
14+95.3	LT. 3.4'	10
15+00.8	LT. 5.7'	10
15+22.9	RT. 9.7'	8
15+73.0	RT. 6.2'	6
15+86.4	RT. 3.5'	12
16+02.8	RT. 2.9'	10
16+15.4	RT. 1.6'	10
16+67.6	LT. 4.1'	15
16+92.5	LT. 6.5'	8
17+23.8	LT. 9.0'	10

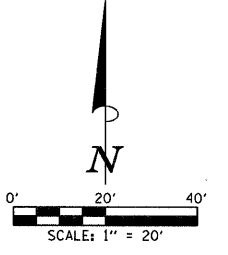
TREE REMOVAL, ACRES
STA. 17+35 LT. & RT. TO
STA. 20+10 LT. & RT.
(SEE SHEET 7 FOR ADDITIONAL
AREA AND QUANTITY)

THEODORE HOFFMAN
POST NO. 1769
VETERANS OF FOREIGN WAR
VFW PAVILION

EXISTING CONDITIONS AND REMOVAL PLAN

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BLOHM AVE. & VETERANS DR.	*	EFFINGHAM	28	10
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* 04-00101-00-PV
CONTRACT: 95604



JAMES E. COLEMAN AND
TERESA H. COLEMAN

WOVEN WIRE FENCE TO BE REMOVED
AND RE-ERECTED BY OTHERS PRIOR
TO THE START OF CONSTRUCTION.

PAUL E. LEPPIN AND
COLLEEN K. LEPPIN

DOUGLAS R. DIAL AND
NANCY J. DIAL

WOODLAND HEIGHTS
SUBDIVISION


END IMPROVEMENTS
STA. 20+10.00

TREE REMOVAL ACRES = 0.39 ACRE
STA. 17+30 LT. & RT. TO
STA. 20+10 LT. & RT.

THEODORE HOFFMAN
POST NO. 1769
VETERANS OF FOREIGN WAR

THEODORE HOFFMAN
POST NO. 1769
VETERANS OF FOREIGN WAR

LEGEND

-  PAVEMENT REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  CURB AND GUTTER REMOVAL
-  EXISTING OIL & CHIP ROAD
-  UNSUITABLE MATERIAL REMOVAL
-  TREE REMOVAL

TREE REMOVAL (6 TO 15 UNITS DIAMETER)		
STATION	OFFSET	UNIT
102+83.4	LT. 21.9'	10
TREE REMOVAL (OVER 15 UNITS DIAMETER)		
STATION	OFFSET	UNIT
101+49.2	LT. 22.2'	18

REMOVE EXISTING
CULVERT
STA. 101+43.0 RT. TO
STA. 101+88.6 RT.

DRIVEWAY PAVEMENT
REMOVAL = 100 SQ.YD.
STA. 101+71.5 RT. 76.0'

BIT. CONC. OVER
CONCRETE
PARKING LOT

REMOVE OIL & CHIP SURFACE
(REMOVAL INCIDENTAL TO
EARTH EXCAVATION, SEE
SPECIAL PROVISIONS)

END IMPROVEMENTS
STA. 104+57

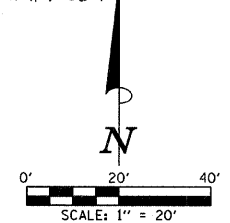
EXISTING CONDITIONS AND REMOVAL PLAN

SEC. 33, T 8 N, R 6 E, 3 rd P.M.
EFFINGHAM COUNTY, ILLINOIS

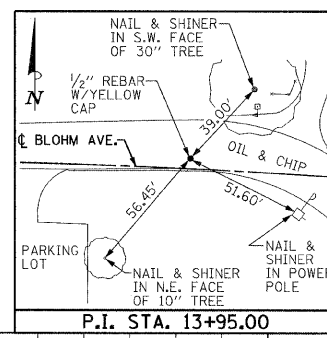
JAMES E. COLEMAN AND
TERESA H. COLEMAN

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BLOHM AVE. & VETERANS DR.	*	EFFINGHAM	28	11
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* 04-00101-00-PV
CONTRACT 95604



PI Sta. 13+95.00
Δ = 6° 00' 00" (RT)
D = 1° 42' 56"
T = 175.05'
R = 3,340.00'
L = 349.78'
E = 4.58'
S.E. = NONE

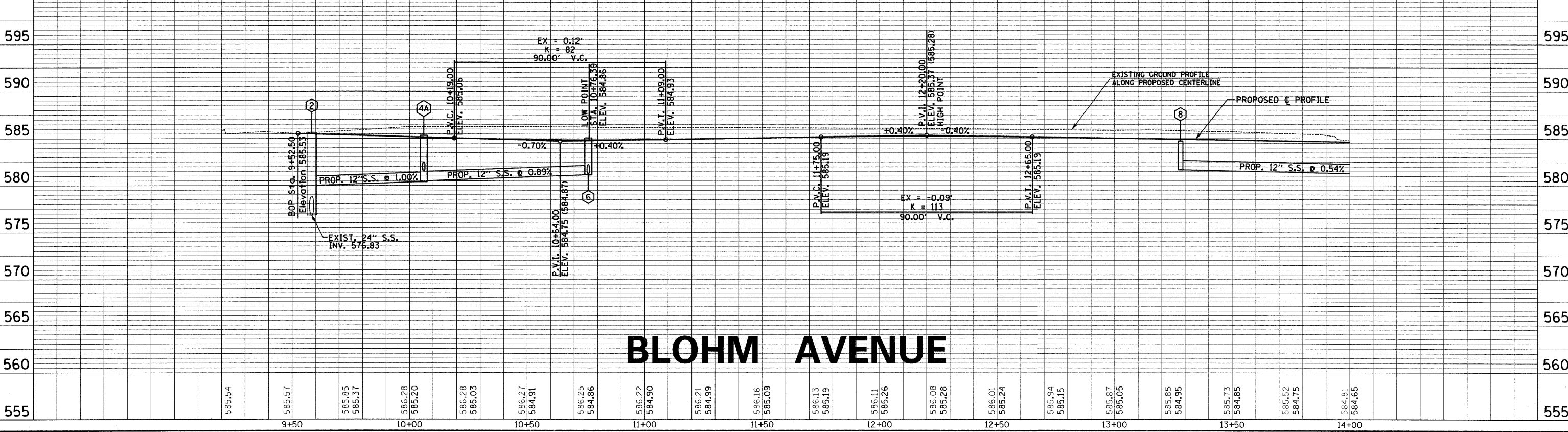
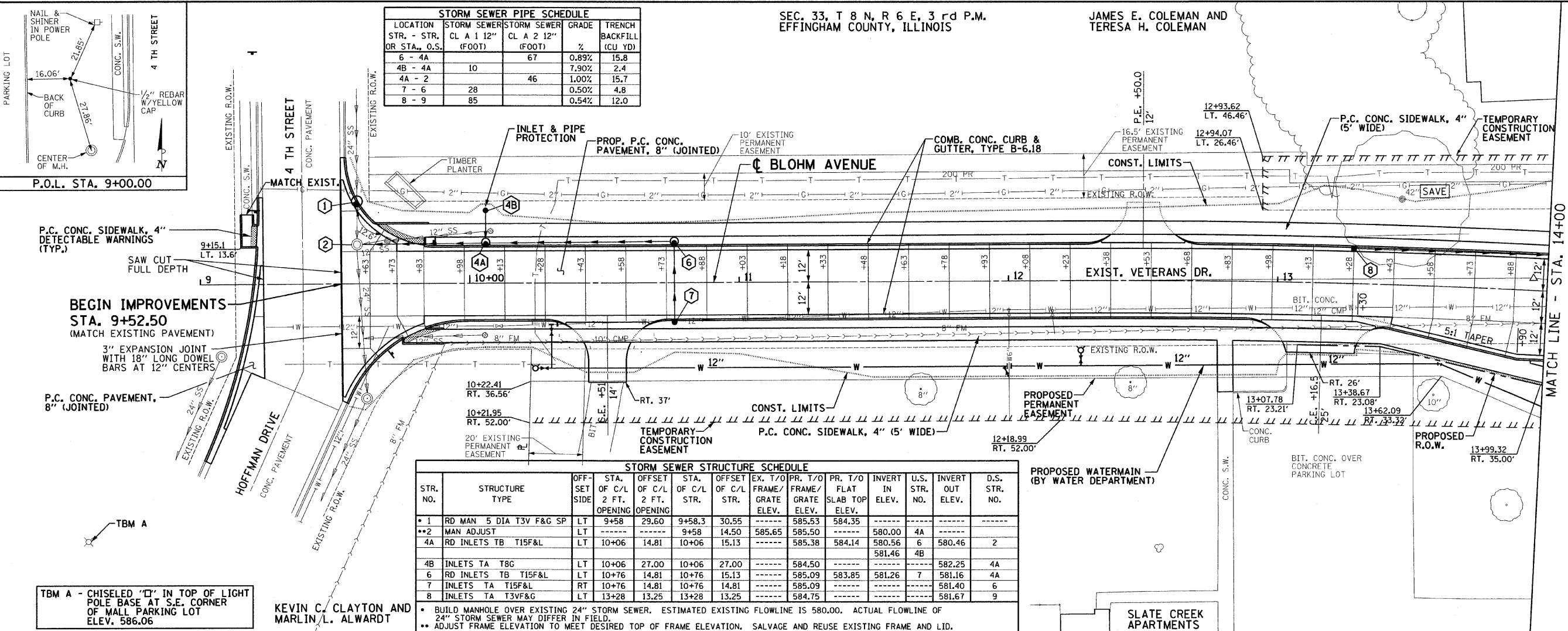


LOCATION STR. - STR. OR STA., D.S.	STORM SEWER CL A 1 12" (FOOT)	STORM SEWER CL A 2 12" (FOOT)	GRADE %	TRENCH BACKFILL (CU YD)
6 - 4A	10	67	0.89%	15.8
4B - 4A			7.90%	2.4
4A - 2		46	1.00%	15.7
7 - 6	28		0.50%	4.8
8 - 9	85		0.54%	12.0

STR. NO.	STRUCTURE TYPE	OFF-SET SIDE	STA. OF C/L 2 FT. OPENING	OFF-SET OF C/L 2 FT. STR.	EX. T/O FRAME/GRATE ELEV.	PR. T/O FRAME/GRATE ELEV.	PR. T/O FLAT SLAB TOP ELEV.	INVERT IN ELEV.	U.S. STR. NO.	INVERT OUT ELEV.	D.S. STR. NO.
1	RD MAN 5 DIA T3V F&G SP	LT	9+58	29.60	9+58.3	30.55	585.53	584.35	---	---	---
2	MAN ADJUST	LT	---	---	9+58	14.50	585.50	---	4A	---	---
4A	RD INLETS TB T15F&L	LT	10+06	14.81	10+06	15.13	585.38	584.14	6	580.46	2
4B	INLETS TA T8C	LT	10+06	27.00	10+06	27.00	584.50	---	---	582.25	4A
6	RD INLETS TB T15F&L	LT	10+76	14.81	10+76	15.13	585.09	583.85	7	581.16	4A
7	INLETS TA T15F&L	RT	10+76	14.81	10+76	14.81	585.09	---	---	581.40	6
8	INLETS TA T3VF&G	LT	13+28	13.25	13+28	13.25	584.75	---	---	581.67	9

• BUILD MANHOLE OVER EXISTING 24" STORM SEWER. ESTIMATED EXISTING FLOWLINE IS 580.00. ACTUAL FLOWLINE OF 24" STORM SEWER MAY DIFFER IN FIELD.
•• ADJUST FRAME ELEVATION TO MEET DESIRED TOP OF FRAME ELEVATION. SALVAGE AND REUSE EXISTING FRAME AND LID.

BLOHM AVENUE

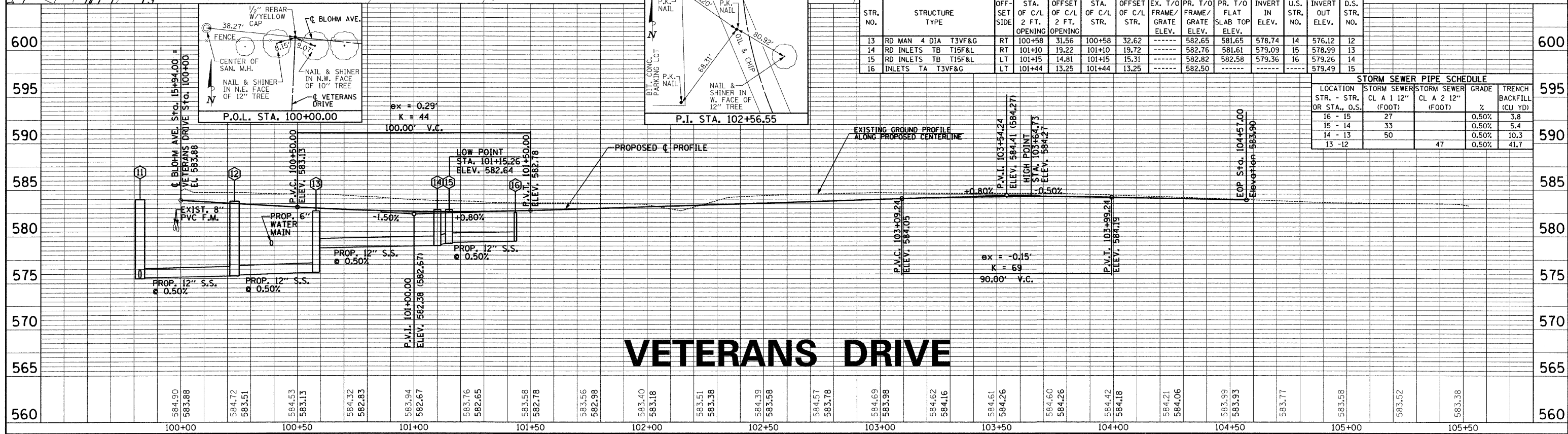
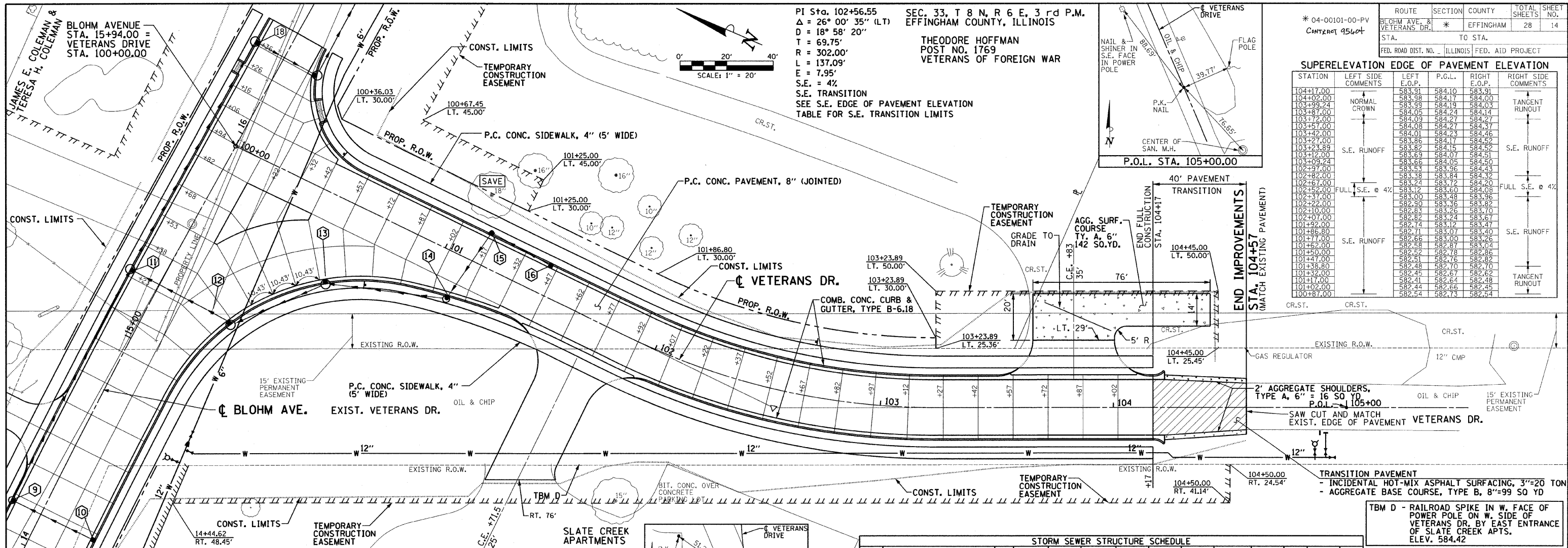


DATE: _____ BY: _____
SUPERVISED BY: _____
PLOTTED BY: _____
NOTE BOOK NO.: _____
STRUCTURE NOTATION: _____

DATE: _____ BY: _____
SUPERVISED BY: _____
PLOTTED BY: _____
NOTE BOOK NO.: _____
STRUCTURE NOTATION: _____

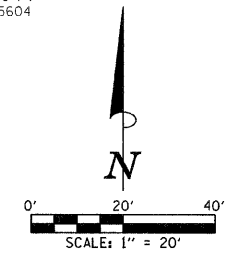
DATE	
BY	
REVISION	
NO.	
DESCRIPTION	
DATE	
BY	
REVISION	
NO.	
DESCRIPTION	

DATE	
BY	
REVISION	
NO.	
DESCRIPTION	
DATE	
BY	
REVISION	
NO.	
DESCRIPTION	

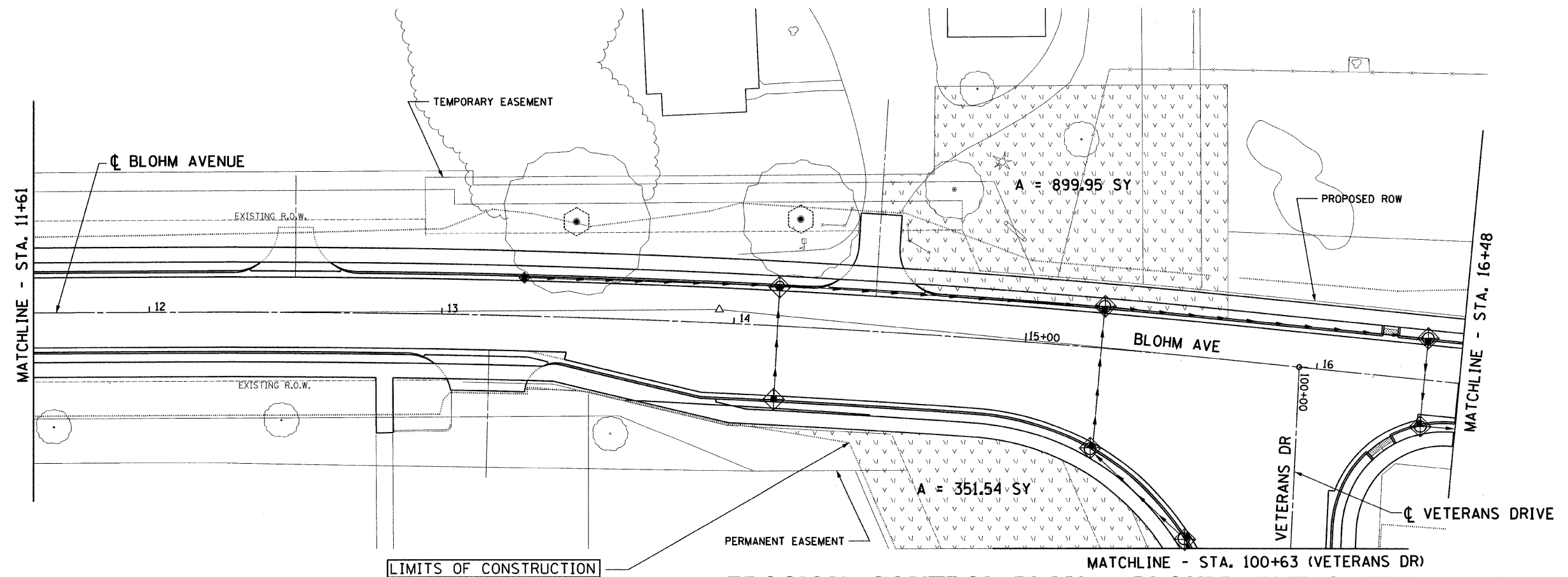
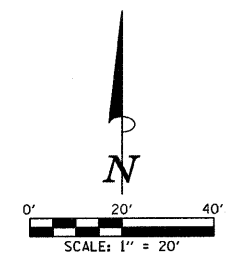
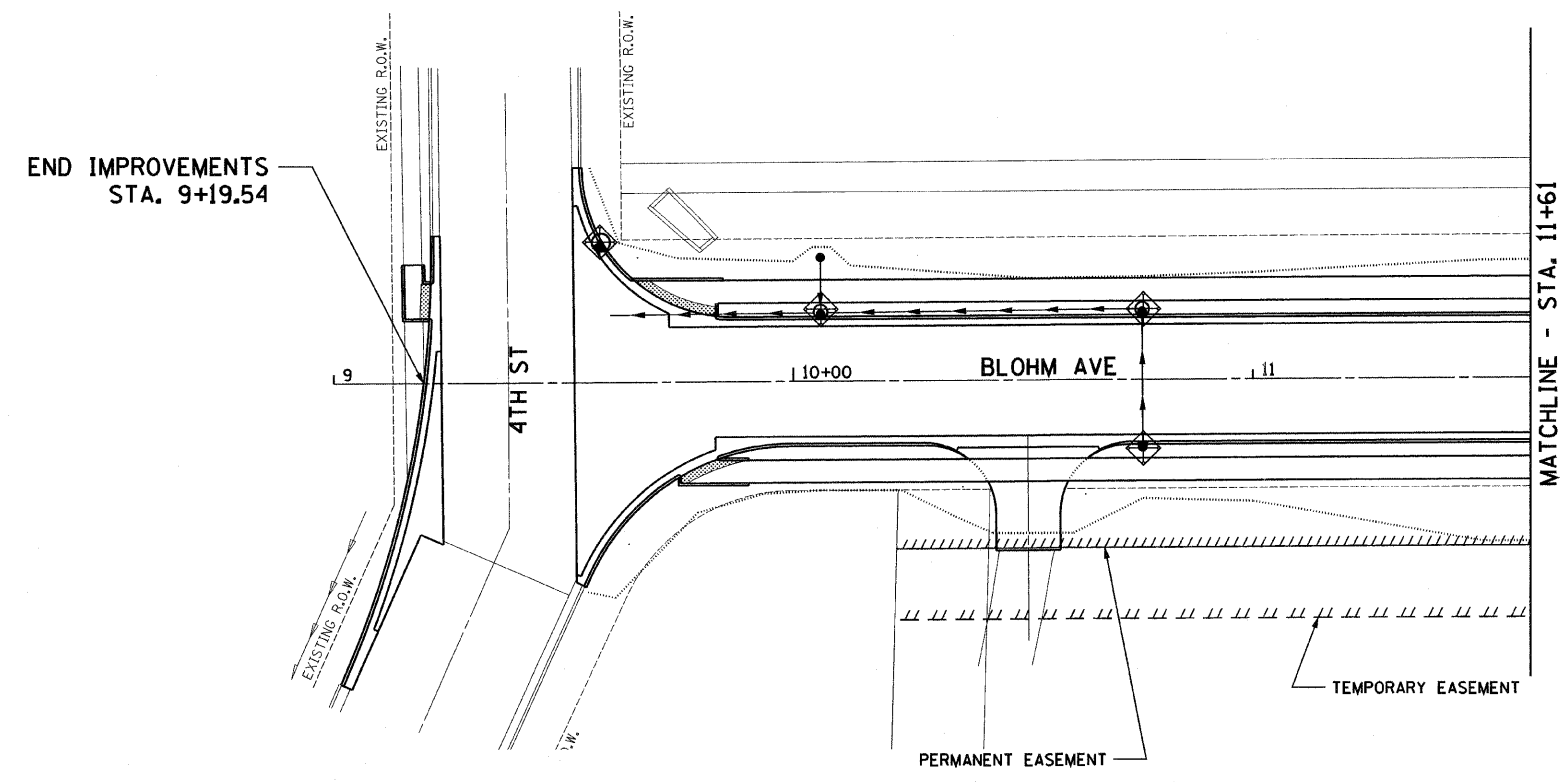


ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BLOHM AVE. & VETERANS DR.	*	EFFINGHAM	28	15
STA. TO STA.				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

* 04-00101-00-PV
CONTRACT: 95604



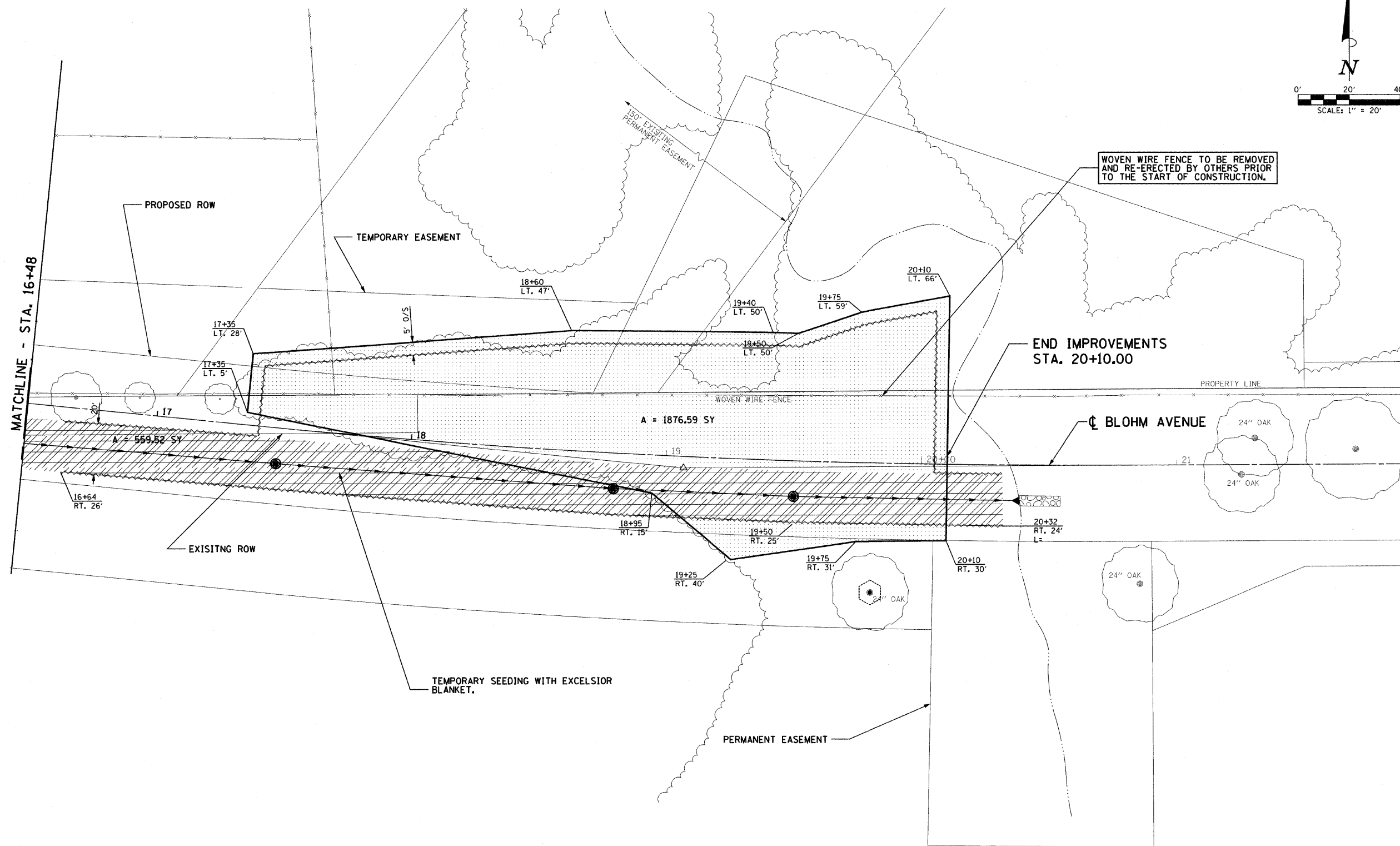
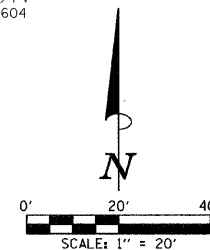
- LEGEND**
- INLET AND PIPE PROTECTION
 - PROPOSED STORM SEWER
 - MANHOLE
 - CATCH BASIN
 - WOVEN WIRE FENCE
 - PERIMETER EROSION BARRIER
 - TREE PROTECTION
 - TEMPORARY EROSION CONTROL SEEDING
 - EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING



EROSION CONTROL PLAN - BLOHM AVE & VETERANS DR

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BLOHM AVE. & VETERANS DR.	*	EFFINGHAM	28	16
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* 04-00101-00-PV
CONTRACT: 95604



WOVEN WIRE FENCE TO BE REMOVED AND RE-ERECTED BY OTHERS PRIOR TO THE START OF CONSTRUCTION.

END IMPROVEMENTS STA. 20+10.00

MATCHLINE - STA. 16+48

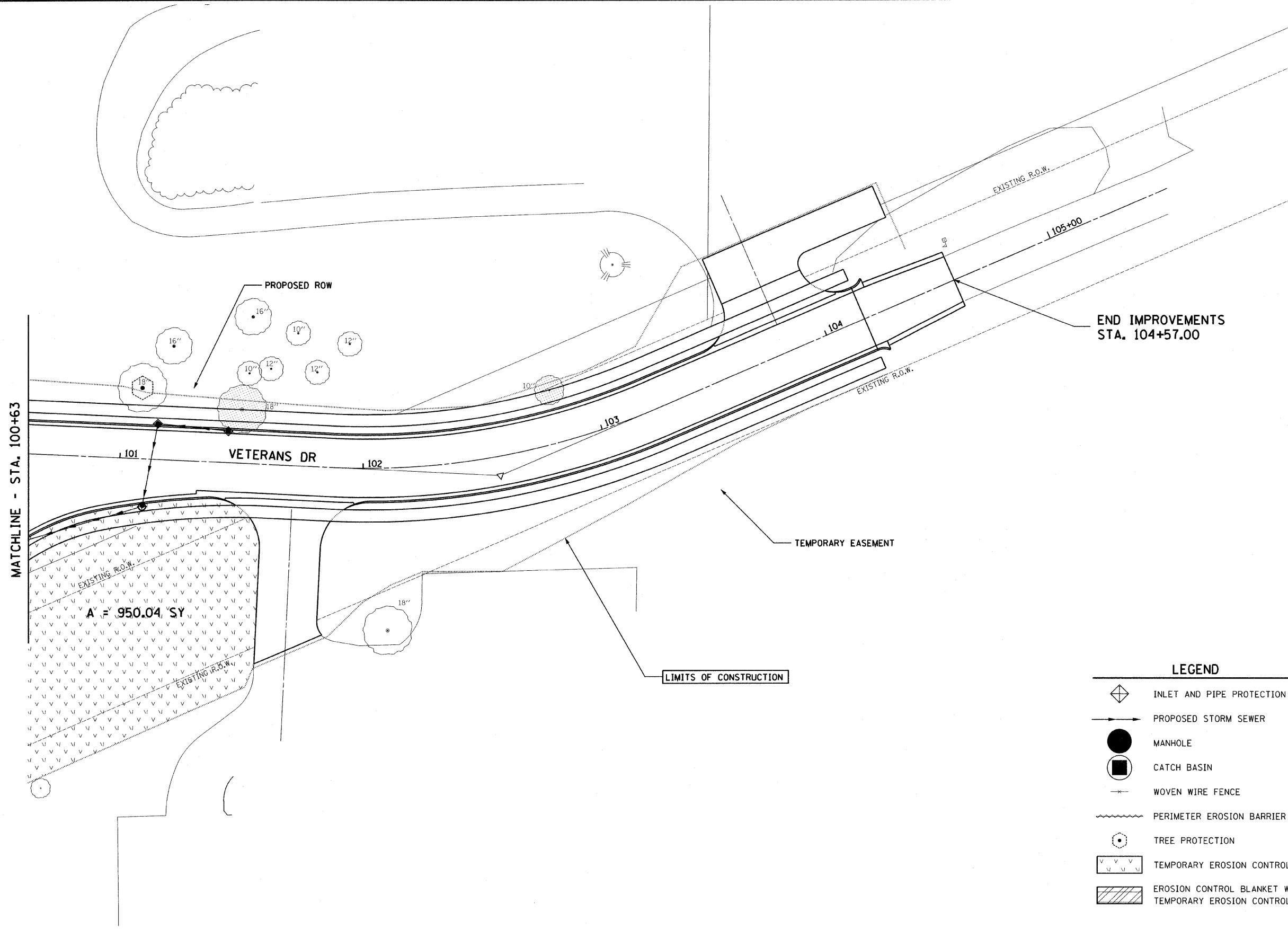
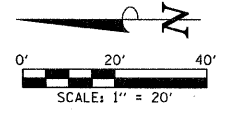
LEGEND

- INLET AND PIPE PROTECTION
- PROPOSED STORM SEWER
- MANHOLE
- CATCH BASIN
- WOVEN WIRE FENCE
- PERIMETER EROSION BARRIER
- TREE PROTECTION
- TEMPORARY EROSION CONTROL SEEDING
- EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING

EROSION CONTROL PLAN - BLOHM AVE

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BLOHM AVE. & VETERANS DR.	*	EFFINGHAM	28	17
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* 04-00101-00-PV
CONTRACT: 95604



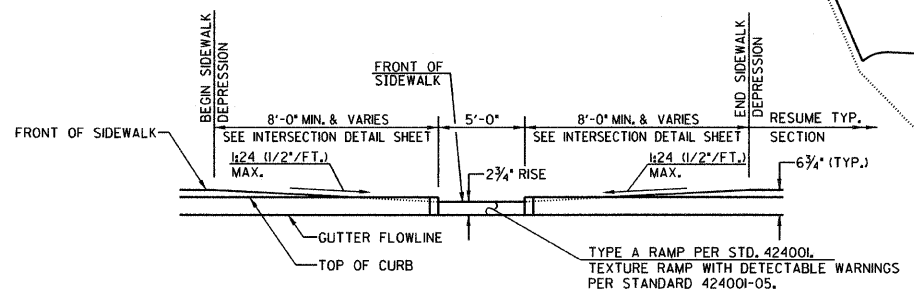
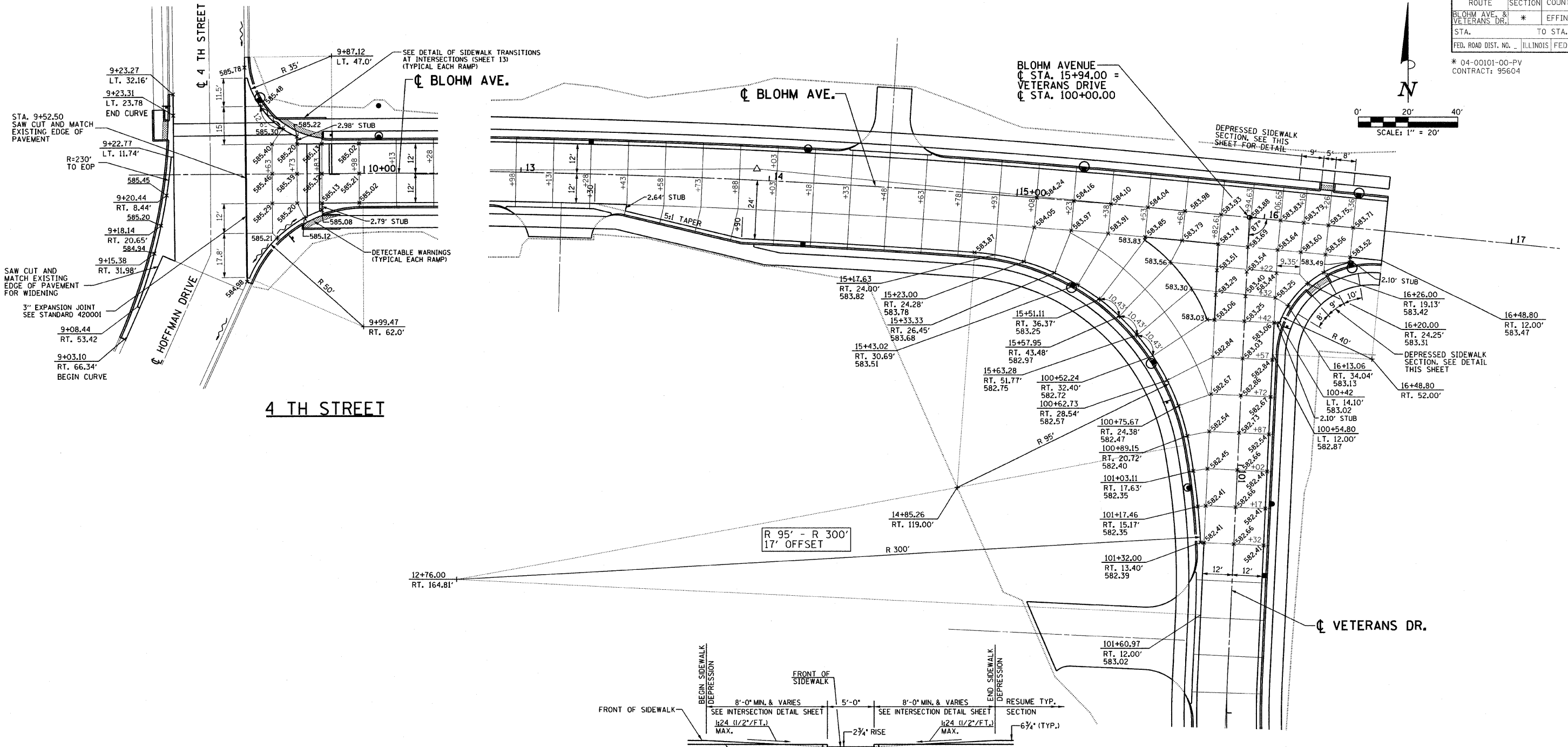
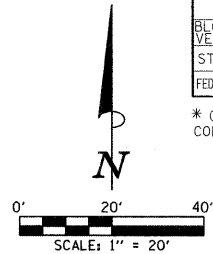
LEGEND

	INLET AND PIPE PROTECTION
	PROPOSED STORM SEWER
	MANHOLE
	CATCH BASIN
	WOVEN WIRE FENCE
	PERIMETER EROSION BARRIER
	TREE PROTECTION
	TEMPORARY EROSION CONTROL SEEDING
	EROSION CONTROL BLANKET WITH TEMPORARY EROSION CONTROL SEEDING

EROSION CONTROL PLAN - VETERANS DR

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BLOHM AVE. & VETERANS DR.	*	EFFINGHAM	28	18
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	

* 04-00101-00-PV
CONTRACT: 95604

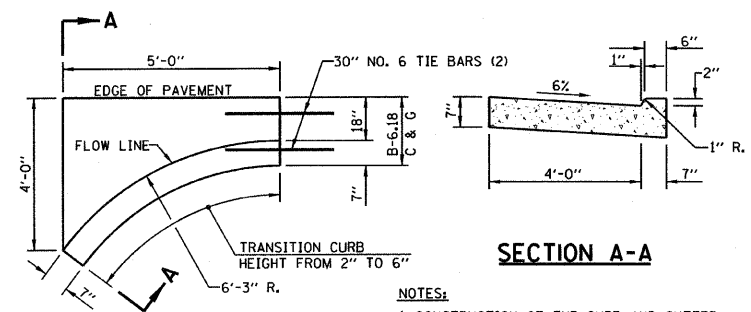


DEPRESSED SIDEWALK-ELEVATION VIEW
NO SCALE

INTERSECTION DETAILS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BLOHM AVE. & VETERANS DR.	*	EFFINGHAM	28	19
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

* 04-00101-00-PV
CONTRACT: 95604

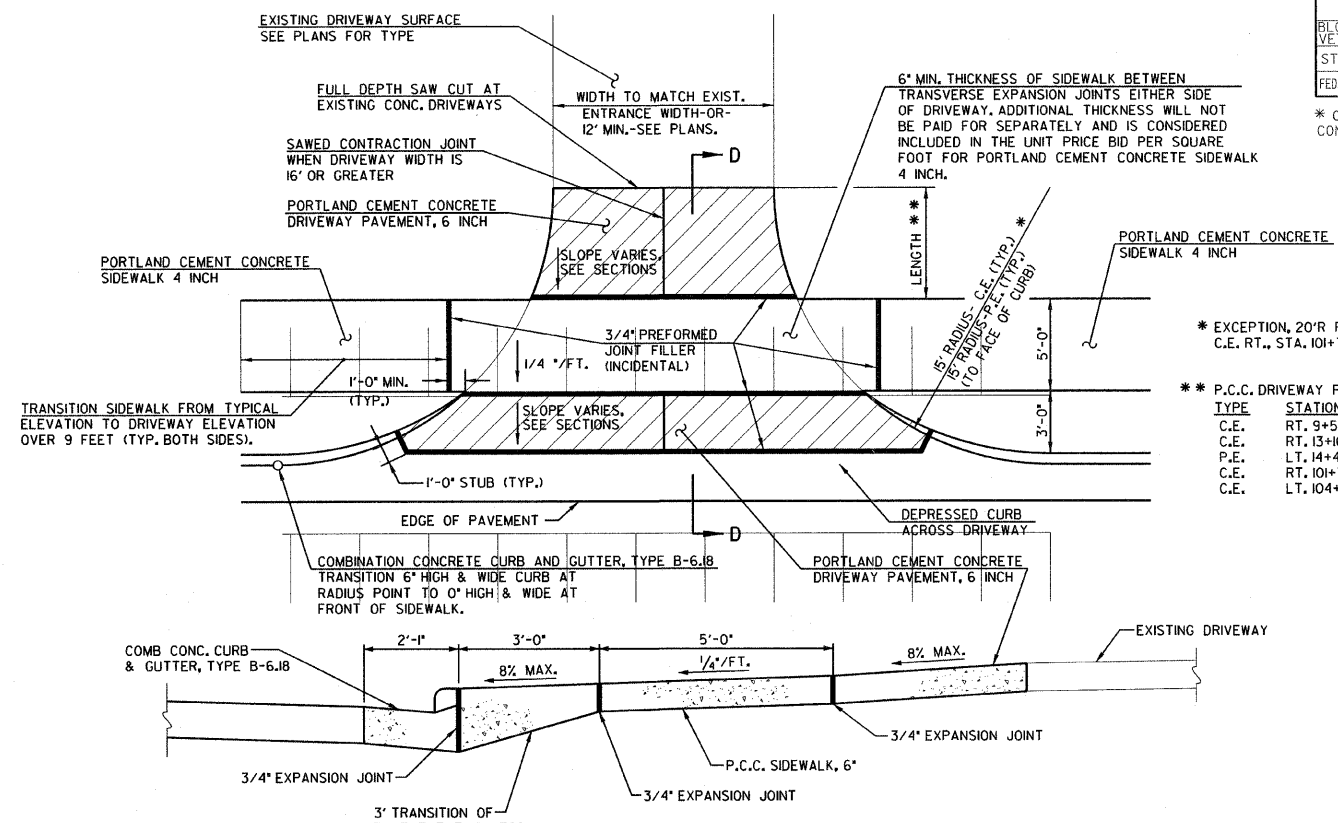


SECTION A-A

NOTES:

- CONSTRUCTION OF THE CURB AND GUTTER OUTLET WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT, MEASURED ALONG THE GUTTER FLOWLINE, FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18.
- CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

DETAIL OF CURB & GUTTER OUTLET
NO SCALE



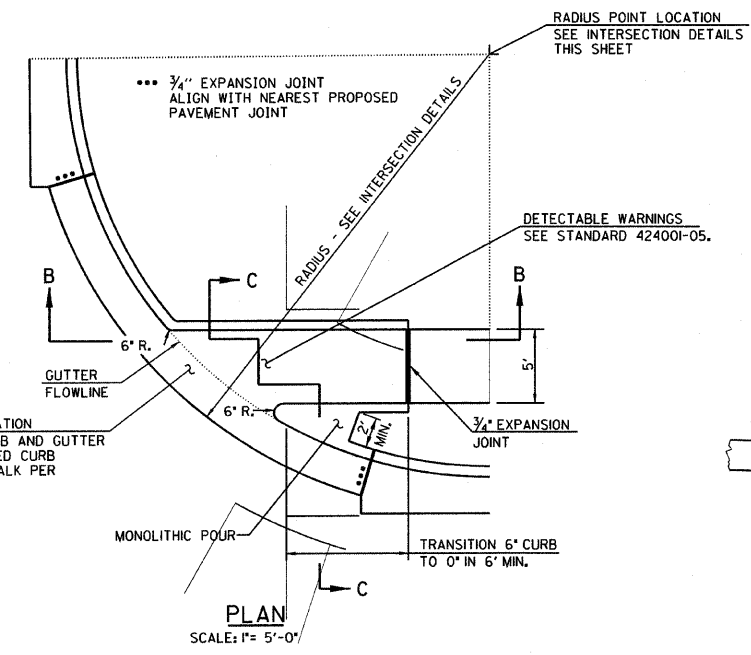
* EXCEPTION, 20'R FOR C.E. RT., STA. 101+71.5

** P.C.C. DRIVEWAY PAVEMENT LENGTH BEHIND BACK OF SIDEWALK.

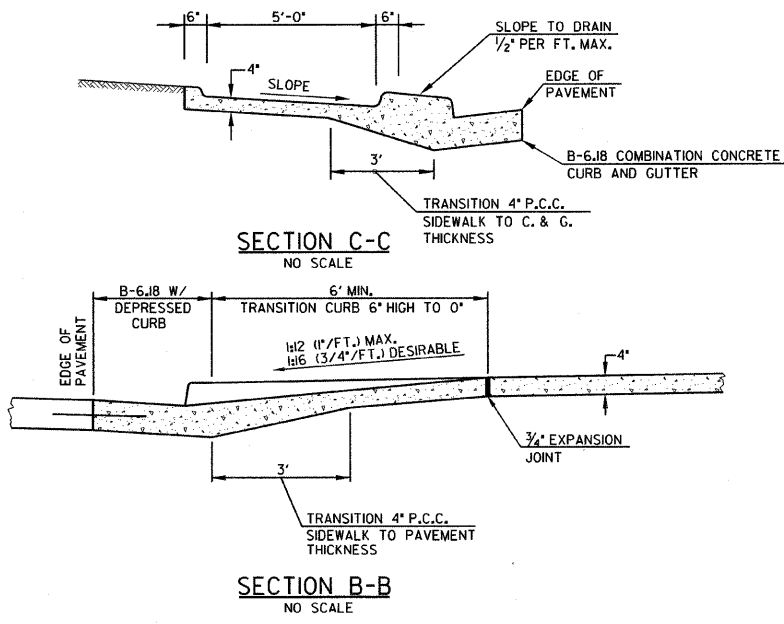
TYPE	STATION	LENGTH
C.E.	RT. 9+52	37.0'
C.E.	RT. 13+16.5	26.0'
P.E.	LT. 14+48	52.0'
C.E.	RT. 101+71.5	76.0'
C.E.	LT. 104+25	29.0'

SECTION D-D
NO SCALE

DRIVEWAY DETAIL



DETAIL OF SIDEWALK TRANSITIONS AT INTERSECTIONS



NOTES FOR SIDEWALK TRANSITIONS AT INTERSECTIONS

THE COST OF CONSTRUCTING THE DEPRESSED CURB AS SHOWN SHALL BE CONSIDERED INCLUDED IN THE COST OF CONSTRUCTING COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18 AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

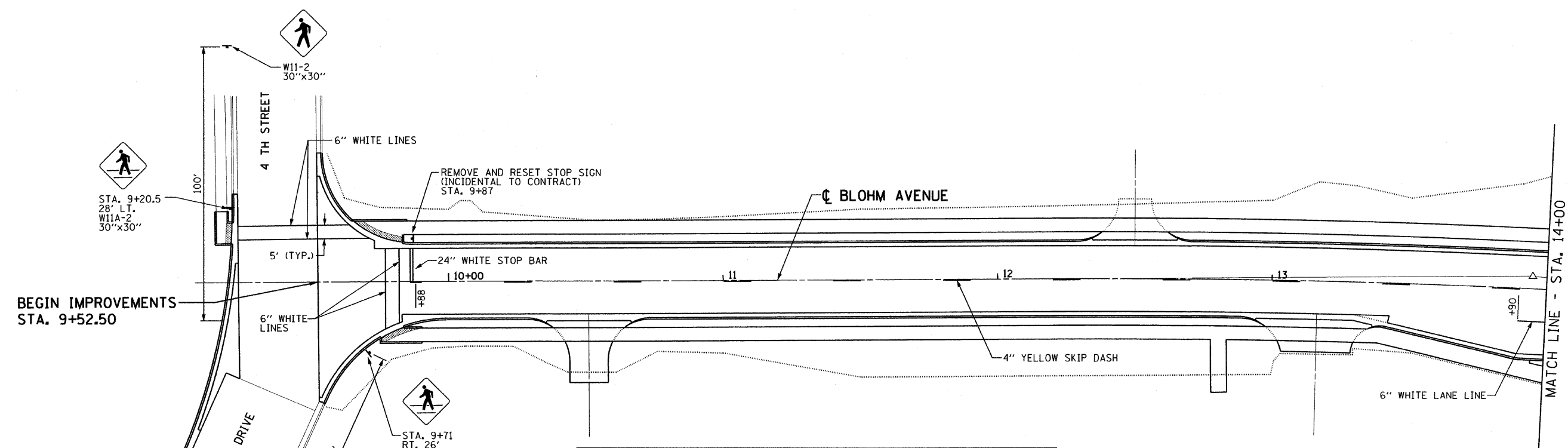
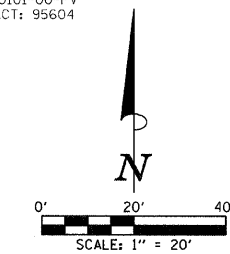
THE COST OF FURNISHING AND INSTALLING THE 3/4" EXPANSION JOINTS AND THE COST OF CONSTRUCTING THE P.C.C. SIDEWALK TRANSITION, INCLUDING THE ADJACENT CURBING AS SHOWN, SHALL BE INCLUDED IN THE COST OF CONSTRUCTING PORTLAND CEMENT CONCRETE SIDEWALK 4" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE SIDEWALK TRANSITION AREA SHALL BE GIVEN A TEXTURED SURFACE AS DETECTABLE WARNINGS AS SHOWN IN STANDARD 424001-05.

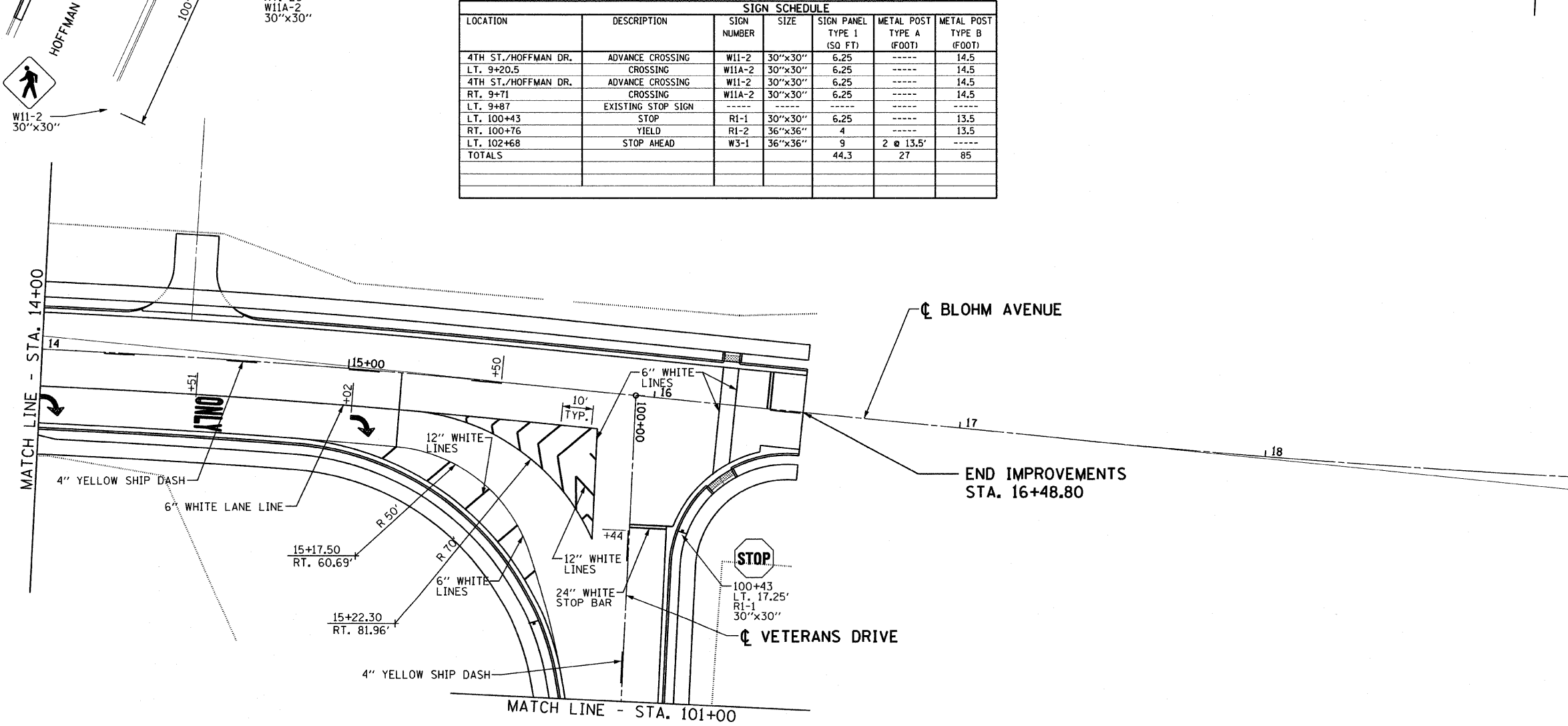
DRIVEWAY, SIDEWALK AND MISCELLANEOUS DETAILS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BLOHM AVE. & VETERANS DR.	*	EFFINGHAM	28	20
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* 04-00101-00-PV
CONTRACT: 95604



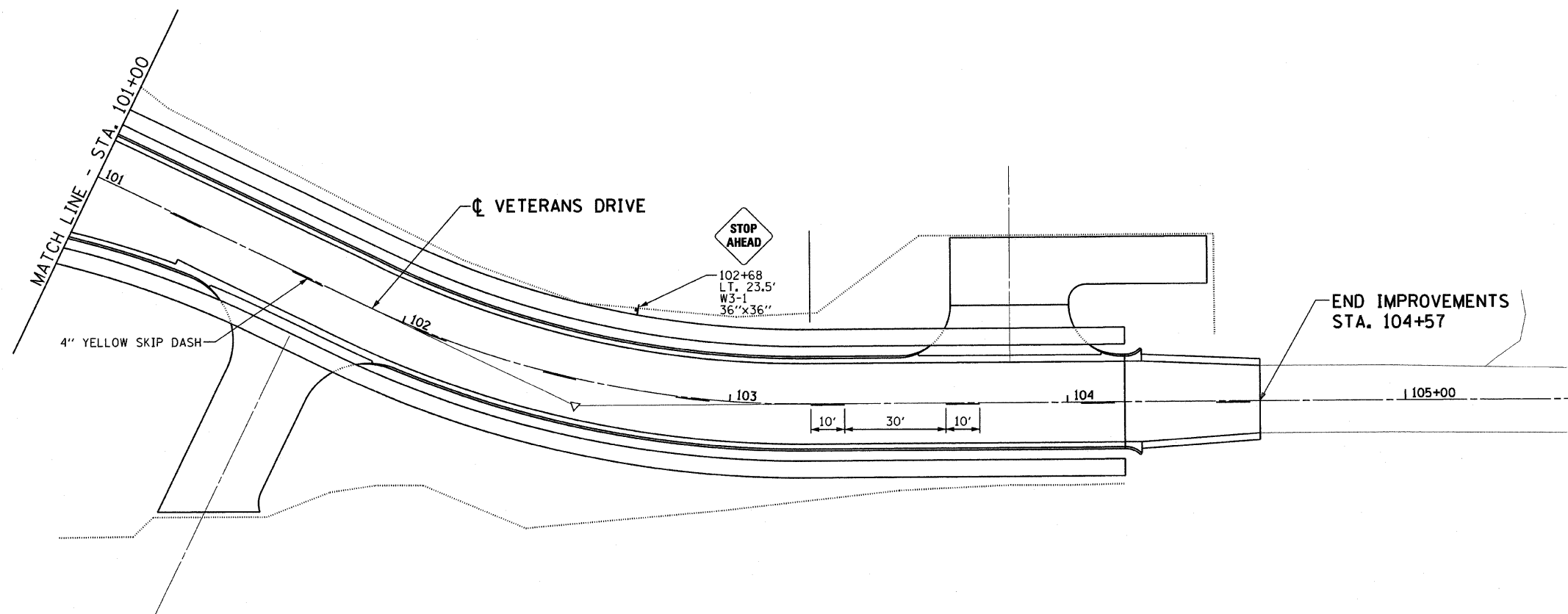
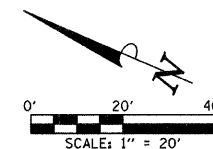
SIGN SCHEDULE						
LOCATION	DESCRIPTION	SIGN NUMBER	SIZE	SIGN PANEL TYPE 1 (SQ FT)	METAL POST TYPE A (FOOT)	METAL POST TYPE B (FOOT)
4TH ST./HOFFMAN DR.	ADVANCE CROSSING	W11-2	30"x30"	6.25	-----	14.5
LT. 9+20.5	CROSSING	W11A-2	30"x30"	6.25	-----	14.5
4TH ST./HOFFMAN DR.	ADVANCE CROSSING	W11-2	30"x30"	6.25	-----	14.5
RT. 9+71	CROSSING	W11A-2	30"x30"	6.25	-----	14.5
LT. 9+87	EXISTING STOP SIGN	-----	-----	-----	-----	-----
LT. 100+43	STOP	R1-1	30"x30"	6.25	-----	13.5
RT. 100+76	YIELD	R1-2	36"x36"	4	-----	13.5
LT. 102+68	STOP AHEAD	W3-1	36"x36"	9	2 @ 13.5'	-----
TOTALS				44.3	27	85



PAVEMENT MARKING AND SIGNING PLAN

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BLOHM AVE. & VETERANS DR.	*	EFFINGHAM	28	21
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* 04-00101-00-PV
CONTRACT: 95604



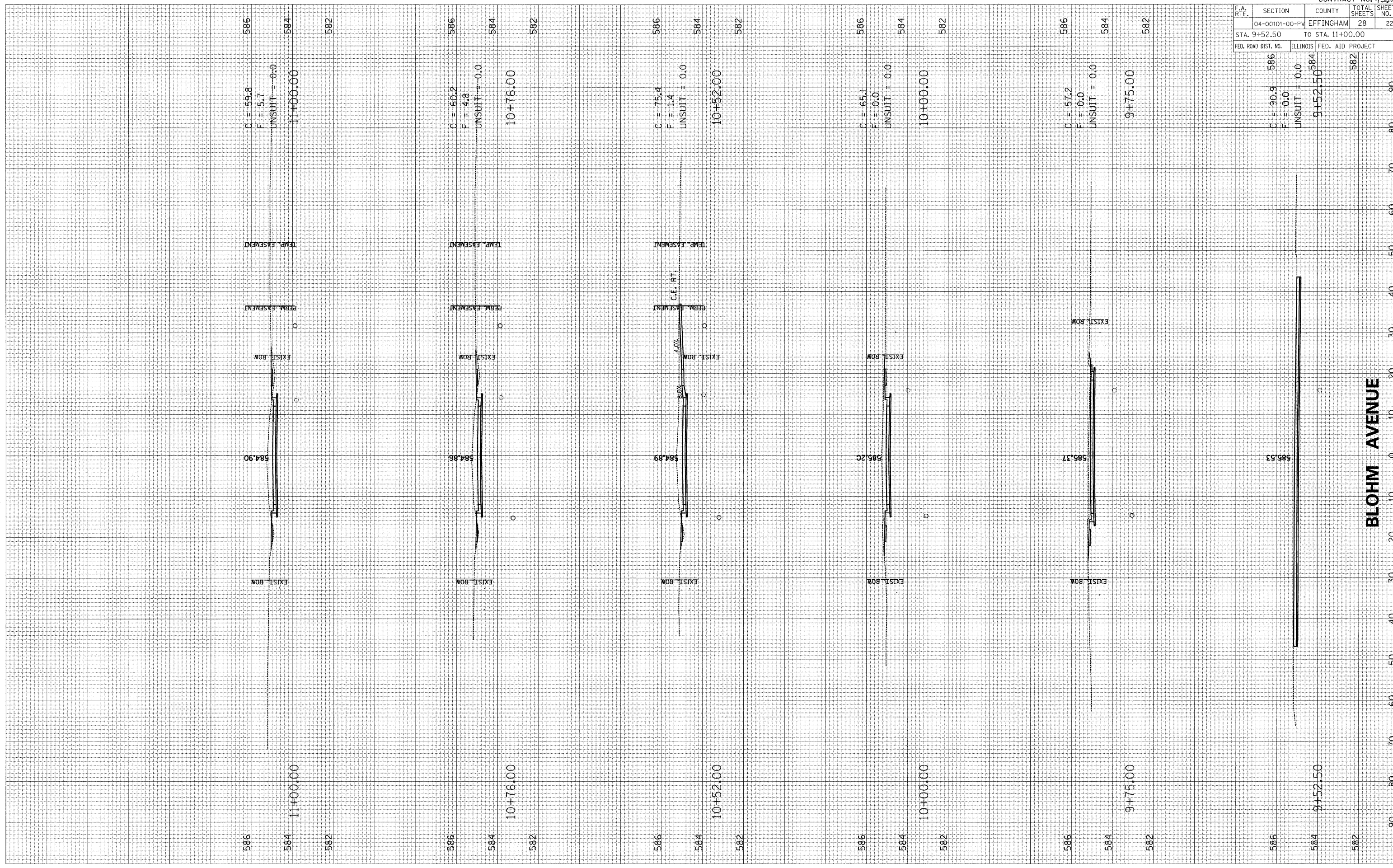
PAVEMENT MARKING AND SIGNING PLAN

PLOT DATE = 8/31/2009
 FILE NAME = p:\work\0303 - blohm ave add-on\dwg\03030303.dwg
 PLOT SCALE = 1/8" = 1' IN.
 USER NAME = RUSERT

ORIGINAL SURVEY
 SURVEY NO. _____
 CHECKED BY _____
 PLOTTED BY _____
 AREAS CHECKED BY _____

FINAL SURVEY
 SURVEY NO. _____
 CHECKED BY _____
 PLOTTED BY _____
 AREAS CHECKED BY _____

DATE _____
 BY _____



BLOHM AVENUE

CONTRACT NO. 95604

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00101-00-PV	EFFINGHAM	28	22
STA. 9+52.50		TO STA. 11+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

C = 90.9 586
 F = 0.0
 UNSUIT = 0.0
 9+52.50 584
 582

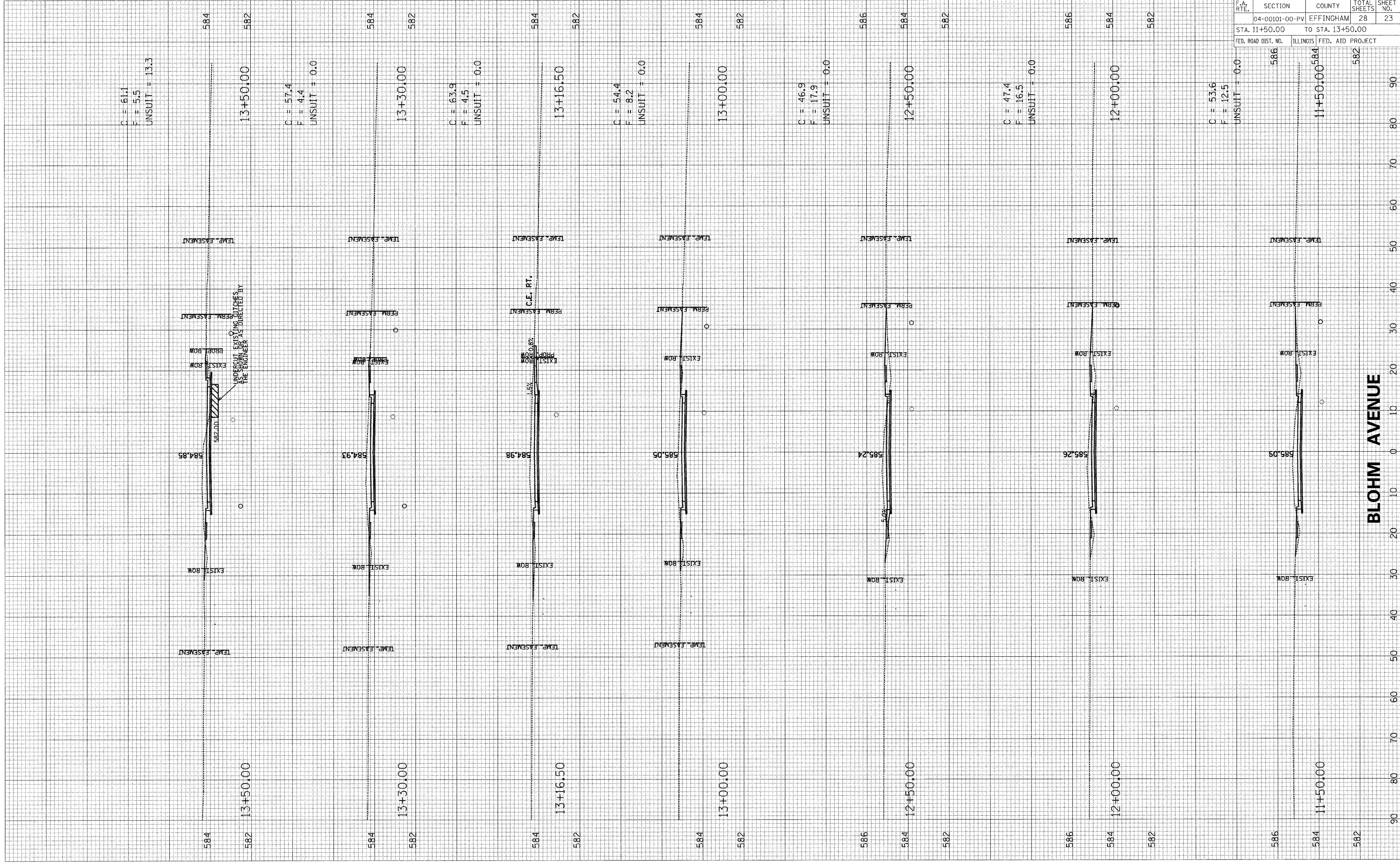
PLOT DATE = 8/31/2009
 FILE NAME = p:\02050103 - blohm ave oddend\dwg\1116666666.dwg
 PLOT SCALE = 10.0000' / IN.
 USER NAME = 905676

ORIGINAL SURVEY
 REQUESTED PLOTTED
 SURVEY PLOTTED
 NO. AREAS CHECKED

FINAL SURVEY
 REQUESTED PLOTTED
 SURVEY PLOTTED
 NO. AREAS CHECKED

BY _____

DATE _____



BLOHM AVENUE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00101-00-PV	EFFINGHAM	28	23
STA. 11+50.00		TO STA. 13+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

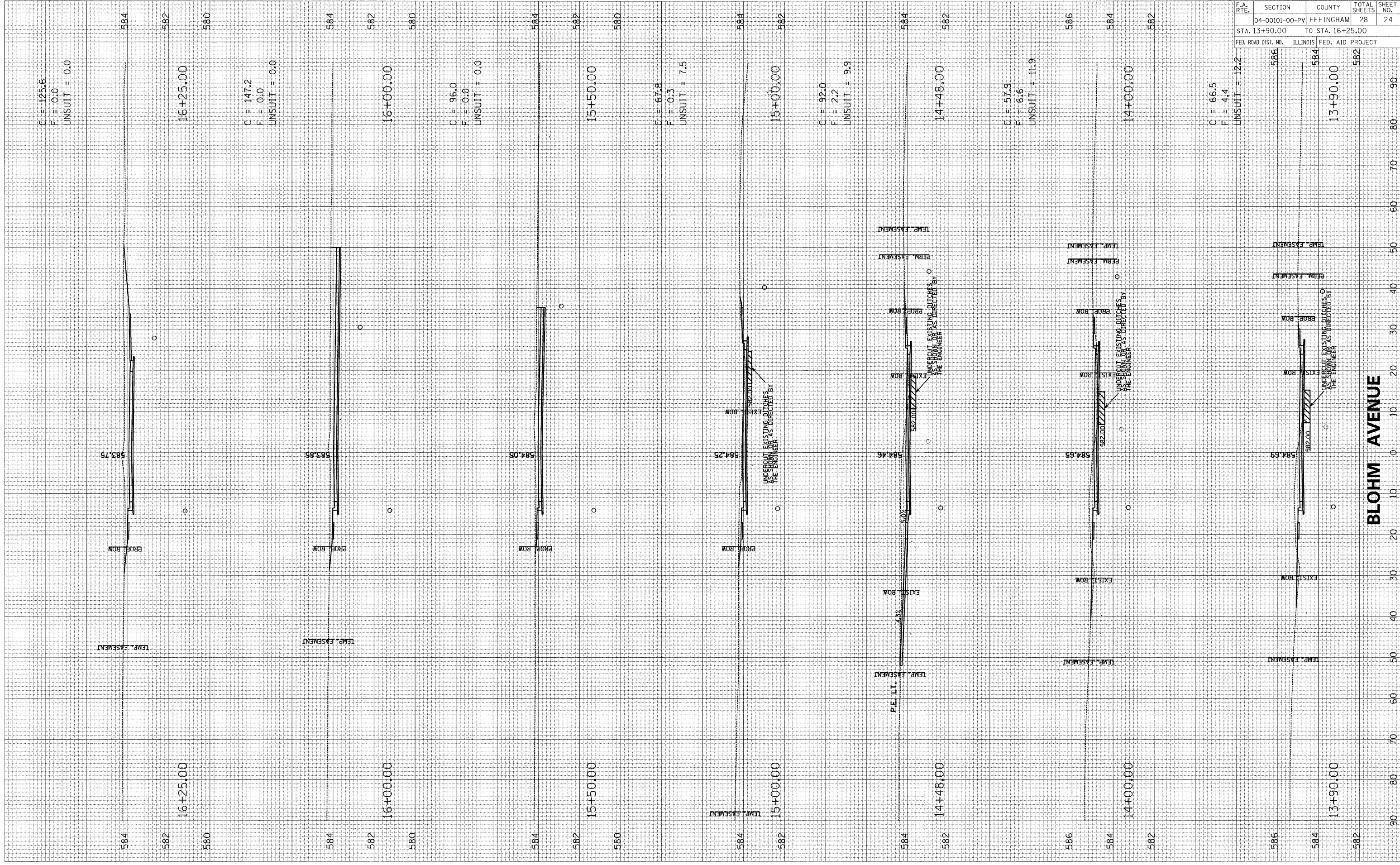
CONTRACT NO. 95604

PLOT DATE = 8/31/2009
 FILE NAME = c:\p0200103 - blohm ave\addendum\p0200103.dwg
 PLOT SCALE = 10.0000 / IN.
 USER NAME = #10564

ORIGINAL SURVEY PLOTTED
 NO. AREAS CHECKED

FINAL SURVEY PLOTTED
 NO. AREAS CHECKED

BY DATE



BLOHM AVENUE

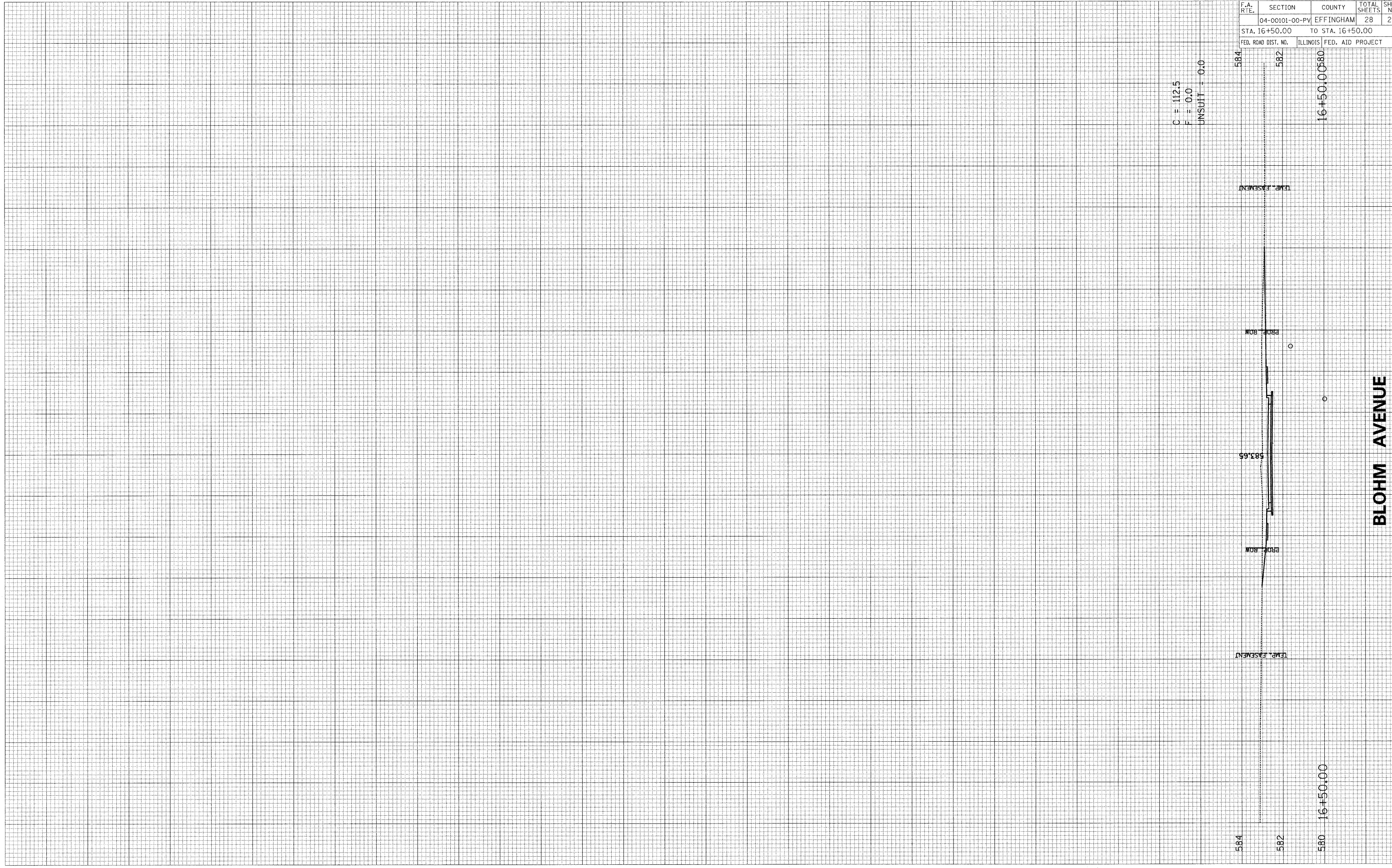
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00101-00-PV	EFFINGHAM	28	24
STA. 13+90.00		TO STA. 16+25.00		
ILLINOIS FED. AID PROJECT				

CONTRACT NO. 95604

PLOT DATE = 8/31/2009
FILE NAME = p:\e050103 - blohm ave addendum\p16+50.dwg
PLOT SCALE = 10.0000 / IN.
USER NAME = #0509#

ORIGINAL SURVEY	DATE
NO.	

FINAL SURVEY	DATE
NO.	



C = 112.5
F = 0.0
UNSUIT = 0.0

584
582
580 16+50.00
16+50.00580

TEMP. EASEMENT

PROP. ROW

PROP. ROW

TEMP. EASEMENT

BLOHM AVENUE

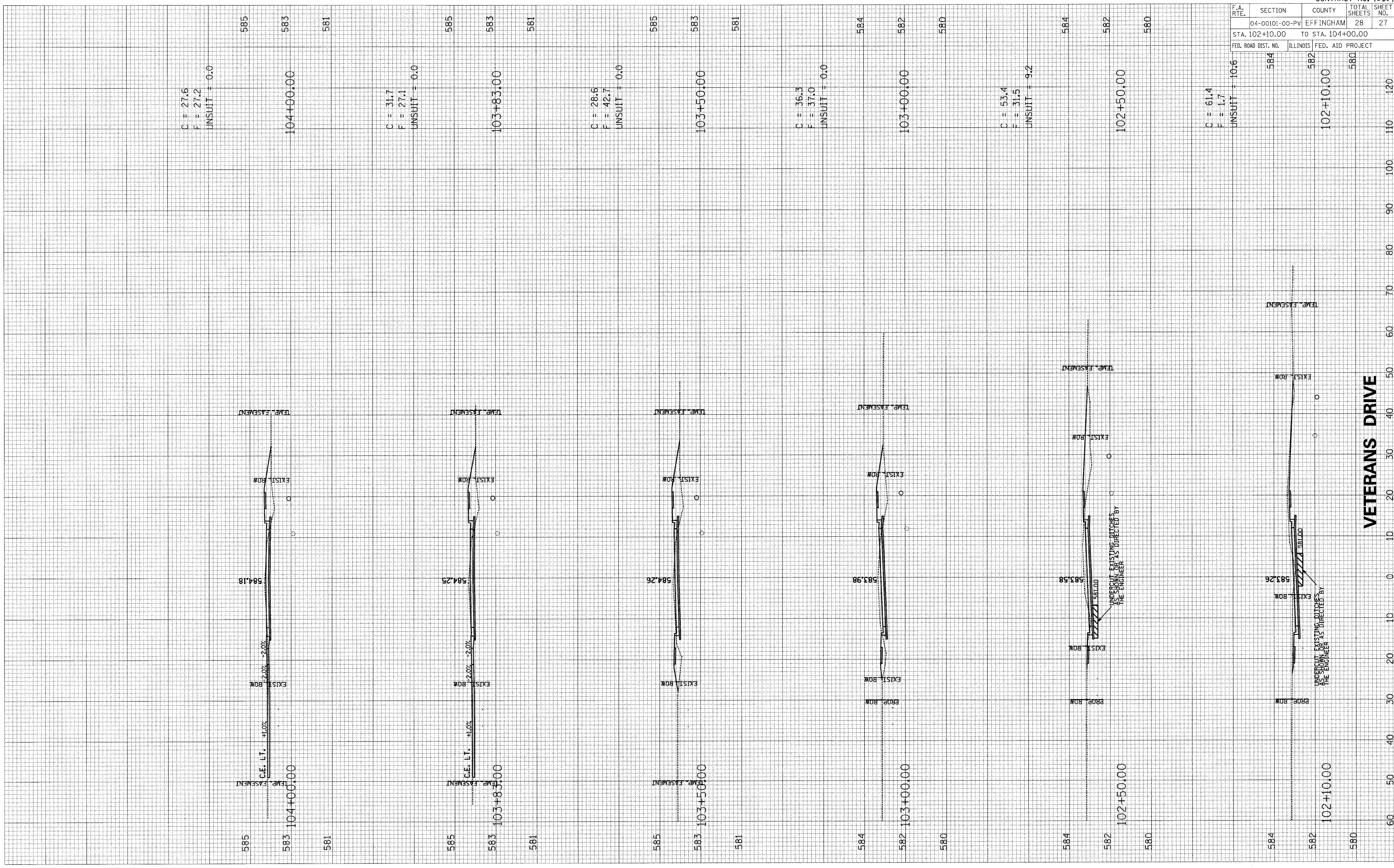
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00101-00-PV	EFFINGHAM	28	25
STA. 16+50.00		TO STA. 16+50.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

CONTRACT NO. 95604

PLOT DATE = 8/31/2009
 PLOT SCALE = 1/8" = 20.000' / IN.
 USER NAME = RUSER8

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

BY DATE
 BY DATE
 BY DATE
 BY DATE



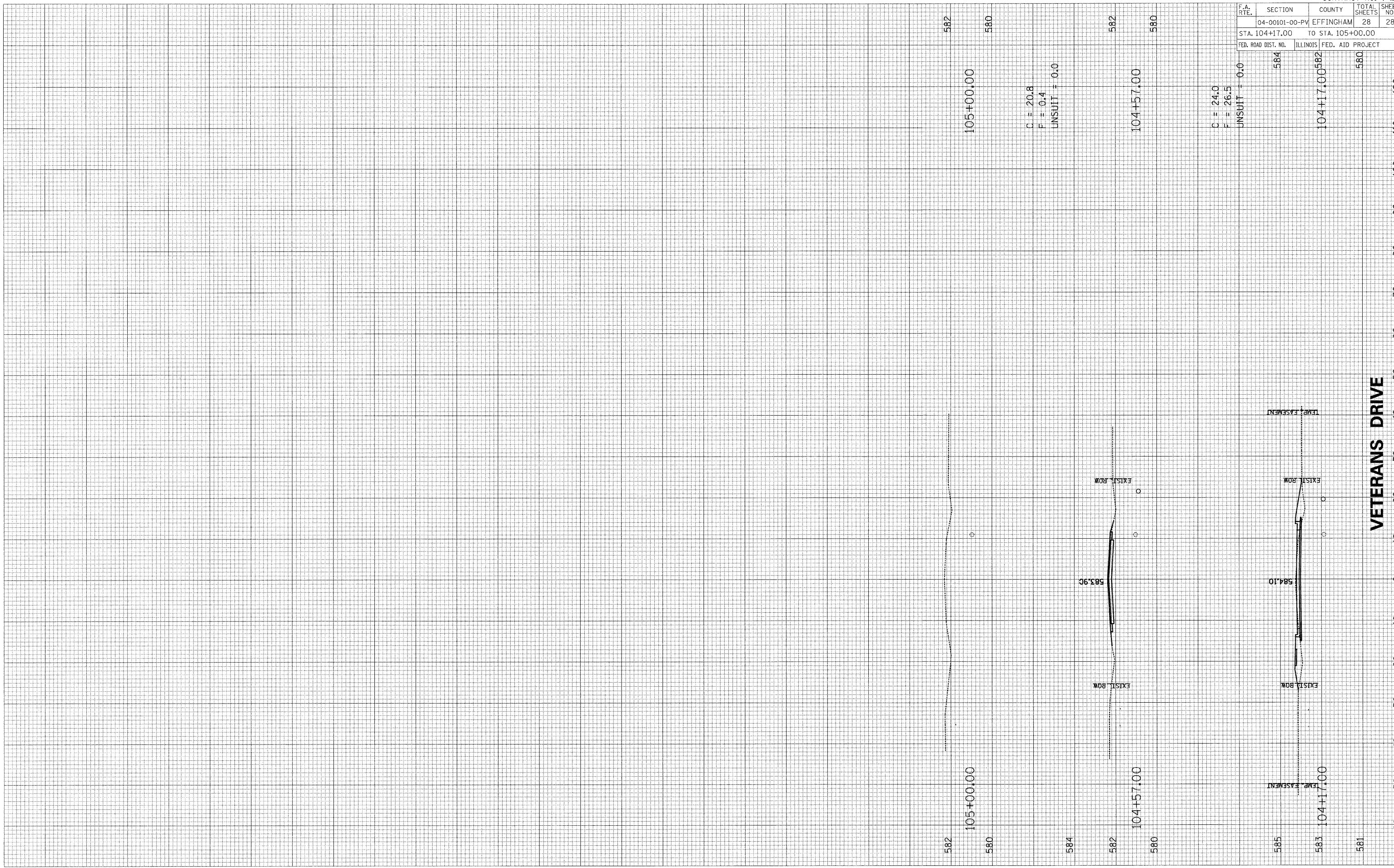
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00101-00-PV	EFFINGHAM	28	27
STA. 102+10.00		TO STA. 104+00.00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

VETERANS DRIVE

PLOT DATE = 8/31/2009
 PLOT SCALE = 1/8"=100'
 USER NAME = KUSERS

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

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



CONTRACT NO. 95604

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00101-00-PV	EFFINGHAM	28	28
STA. 104+17.00		TO STA. 105+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

VETERANS DRIVE