

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	68-R-1	MONROE	192	1
		ILLINOIS	CONTRACT NO. 76F51	

* FAP 312 / FAU 9321 / FAU 9324

INDEX OF SHEETS

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PROPOSED
HIGHWAY PLANS

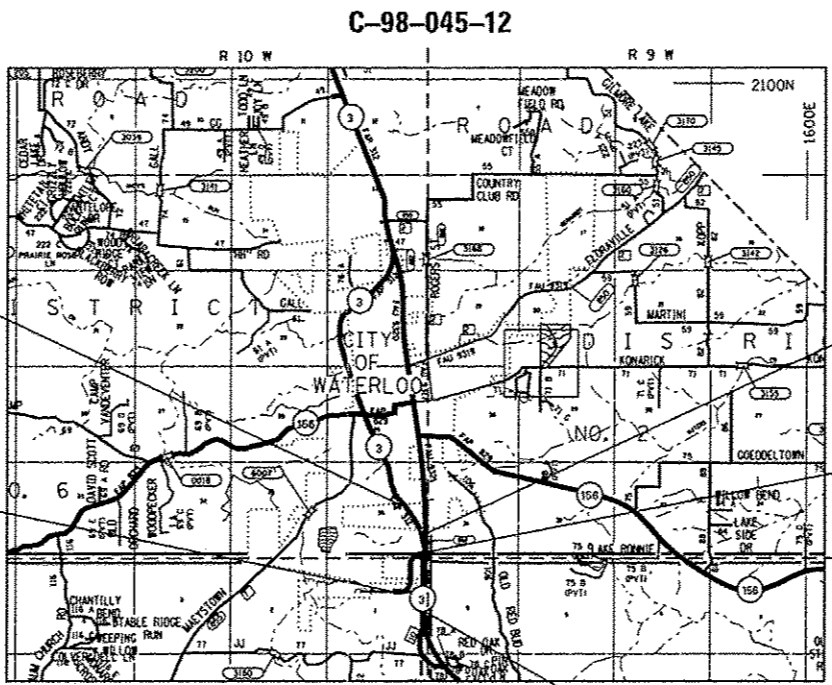
VARIOUS
SECTION 68-R-1
PROJECT ACM-ACF-0005 (913)
IL ROUTE 3 INTERSECTION RECONSTRUCTION
& VANDEBROOK DRIVE RELOCATION
MONROE COUNTY



IDOT HIGHWAY STANDARDS

000001-06	542401-01	666001-01	720001-01	825011-02
001001-02	542406-01	667101-02	720006-03	825021-02
001006	601001-04	701006-04	720016-03	873001-02
28001-07	601101-01	701306-03	728001-01	876001-02
406201-01	602401-03	701326-04	780001-03	877001-05
482001-02	602701-02	701501-06	782001	878001-09
482011-03	604101-01	701502-05	805001-01	880006-01
542201-02	606001-05	701602-06	814001-02	886001-01
542301-03	606301-04	701701-08	814006-02	886006-01
542311-04	642001-02	701901-03	825001-01	

LAT : 38.3135
LONG : -90.1467

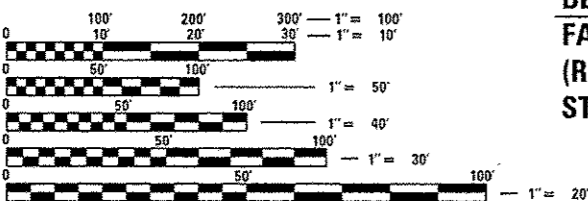


END IMPROVEMENT
FAP 312 (IL ROUTE 3)
STA 1996 + 50.00

END IMPROVEMENT
FAU 9321
(SOUTH MARKET STREET)
STA 307 + 16.05

BEGIN IMPROVEMENT
FAU 9324
(RELOCATED VANDEBROOK DRIVE)
STA 259 + 50.00

N 599,678.07
E 2,302,520.74



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

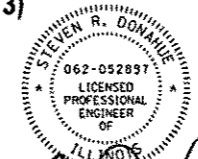
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811



Toni M. McDonough, P.E.
Date 10-31-2012
License Expires 11/30/2013

LOCATION MAP
NOT TO SCALE

BEGIN IMPROVEMENT
FAP 312 (IL ROUTE 3)
STA 1950 + 05.00



Steven R. Donahue, P.E.
Date
License Expires 11/30/2013

GROSS LENGTH = 8811.05 FT. = 1.669 MILE
NET LENGTH = 2930.51 FT. = 0.555 MILE

THE SEAL SHOWN ABOVE IS VALID FOR THE FOLLOWING SHEETS IN THESE PLANS WHICH WERE PREPARED UNDER MY DIRECT SUPERVISION:

SHEETS 70-84
SHEETS 107

THE SEAL SHOWN ABOVE IS VALID FOR THE FOLLOWING SHEETS IN THESE PLANS WHICH WERE PREPARED UNDER MY DIRECT SUPERVISION:

SHEETS 1-69
SHEETS 85-106
SHEETS 108-192

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *Nov 2nd 2012*
John D. Baranzelli
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Dec 7 2012
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 7 2012
William R. Freyer
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

PROJECT ENGINEER: MIKE PRITCHETT (618) 346-3180
SQUAD LEADER: BO WEDMORE (618) 346-3206
CONTRACT NO. 76F51

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GENERAL NOTES

- THE STANDARDS AND REVISIONS LISTED APPLY TO THIS PROJECT.
- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - CITY OF WATERLOO (ELECTRIC, WATER, & SEWER)
 - HARRISONVILLE TELEPHONE COMPANY
 - CHARTER COMMUNICATIONS, INC.
 - MONROE COUNTY ELECTRIC COOP.
 - AMEREN IP
 - MCI
 - MISSISSIPPI RIVER GAS TRANSMISSION
 MEMBERS OF J.U.L.I.E. (800) 892-0123 OR 811 ARE INDICATED BY *. NON-MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
- THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR I.T.S. UTILITIES WITHIN THE PROJECT LIMITS, IF HIGHWAY LIGHTING AND/OR I.T.S. EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 803.04 OF THE STANDARD SPECIFICATIONS.
- EXISTING UNDERGROUND AND ABOVE-GRADE FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED ON THESE CONTRACT DOCUMENTS BASED UPON THE INFORMATION AND SURVEYS AVAILABLE AT THE TIME OF DRAWING PREPARATION. THE LOCATION OF THESE FEATURES MUST, THEREFORE, BE CONSIDERED APPROXIMATE ONLY. IN ADDITION, THERE MAY BE OTHER FACILITIES, STRUCTURES, AND UTILITIES WHICH DID NOT EXIST (OR THE EXISTENCE OF WHICH WAS NOT KNOWN) AT THE TIME OF DRAWING PREPARATION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR(S) TO HAVE ALL EXISTING FACILITIES, STRUCTURES, AND UTILITIES LOCATED IN THE FIELD PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITY; AND TO PROTECT ALL SUCH EXISTING FEATURES (EXCEPT THOSE SPECIFICALLY NOTED FOR REMOVAL OR DEMOLITION) DURING CONSTRUCTION.
- THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT ENTRANCES AND SIDE STREETS WHERE WORK IS BEING CONDUCTED AS DIRECTED BY THE RESIDENT ENGINEER. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE. THIS SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION. THESE SIGNS SHALL BE 48" X 48".
- FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

HOT-MIX ASPHALT BASE COURSE	0.056	TON/SQ YD/IN
HOT-MIX ASPHALT SURFACE COURSE	0.056	TON/SQ YD/IN
AGGREGATE (SURFACE, BASE, & BACKFILL)	2.05	TON/CU YD

BITUMINOUS MATERIALS:

PRIME COAT FOR BITUMINOUS CONCRETE:		
- ON PAVEMENT	0.0002	TON/SQ YD
- ON AGGREGATE	0.002	TON/SQ YD
- ON COLD MILLED SURFACE	0.0004	TON/SQ YD
- FOG COAT ON NEW BINDER	0.00012	TON/SQ YD
AGGREGATE (PRIME COAT)		
- ON EXISTING PAVEMENT	0.002	TON/SQ YD
- ON COLD MILLED SURFACE	0.002	TON/SQ YD
- FOG COAT ON NEW BINDER	0.001	TON/SQ YD
RIP RAP	1.5	TON/CU YD
SEEDING, CLASS 2A, 4A	200	LB/ACRE
TEMPORARY EROSION CONTROL SEEDING	100	LB/ACRE
NITROGEN FERTILIZER NUTRIENT	90	LB/ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90	LB/ACRE
POTASSIUM FERTILIZER NUTRIENT	90	LB/ACRE
MULCH	2	TON/ACRE
- CONNECTING OF NEW OR EXISTING PIPE DRAINS TO NEW OR EXISTING INLETS OR MANHOLES SHALL BE MADE IN A MANNER WHICH RESULTS IN A NEAT AND WATERTIGHT JOINT. WHEN PLACED THROUGH THE WALL OF AN INLET OR MANHOLE, PIPE DRAINS SHALL BE PLACED (OR CUT) FLUSH WITH THE FACE OF THE WALL AND DRESSED WITH MORTAR TO PROVIDE A SMOOTH ROUNDED OR BEVELED EDGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES OF THE PIPE DRAINS OR STRUCTURES INVOLVED.
- ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.

- TREES SHALL BE PRESERVED THROUGHOUT THIS SECTION AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. GENERALLY, TREES OUTSIDE THE CLEAR ZONE, AND WHICH DO NOT INTERFERE WITH CONSTRUCTION, SHALL NOT BE DISTURBED. THE ENGINEER SHALL BE CONTACTED AND PRIOR APPROVAL OBTAINED FOR ANY TREE REMOVAL BEYOND THE LIMITS/LOCATIONS INCLUDED IN THE PLANS.
- THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH THE PROVISIONS OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER PERMIT AND IMPLEMENT THE EROSION CONTROL PLAN INCLUDED IN THESE PLANS AND SPECIFIED HEREIN. AS SPECIFIED IN ARTICLE 107.23, THE ENGINEER MUST GIVE PRIOR APPROVAL BEFORE DISTURBANCE OF ANY AREA CAN BEGIN.
- THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS REQUIRED TO IMPRINT PAVEMENT STATION NUMBERS IN THE FINISHED SURFACE OF THE PAVEMENT AND/OR OVERLAY. THE NUMBERS SHALL BE APPROXIMATELY 3/4 INCHES WIDE, 5 INCHES HIGH AND 5/8 INCHES DEEP. THE PAVEMENT STATION NUMBERS SHALL BE INSTALLED AS SPECIFIED HEREIN:

INTERVAL - 250 FEET

BOTTOM OF NUMBERS - 12 INCHES FROM THE EDGE OF THE PAVEMENT

LOCATION:

 - 2, 3, & 5 LANE PAVEMENTS - RIGHT EDGE OF PAVEMENT IN DIRECTION OF INCREASING STATIONS
 - MULTI-LANE DIVIDED ROADWAYS - OUTSIDE EDGE OF PAVEMENT IN BOTH DIRECTIONS
 - RAMPS - ALONG BASELINE EDGE OF PAVEMENT

POSITION - STATIONS SHALL BE PLACED SO THEY CAN BE READ FROM THE ADJACENT SHOULDER

FORMAT - "XX+XX", WHERE X REPRESENTS THE PAVEMENT STATION

THE STAMPED STATIONS SHALL BE FILLED WITH SAND IMMEDIATELY AFTER STAMPING AND PRIOR TO ADDITIONAL ROLLING.

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED PAVEMENT AND/OR OVERLAY PAY ITEMS.
- REMOVAL AND DISPOSAL OF ANY EXISTING PIPE UNDERDRAIN SYSTEM EXPOSED DURING CONSTRUCTION SHALL BE PAID PER FOOT AS PIPE UNDERDRAIN REMOVAL WHEN ENCOUNTERED DURING CONSTRUCTION ACTIVITIES. WHERE EXISTING PIPE UNDERDRAIN SYSTEM IS NOT DISTURBED IT SHALL BE LEFT IN PLACE.
- FOR STABILIZATION ALL TYPE III BARRICADES SHALL REQUIRE AN ADEQUATE NUMBER OF SANDBAGS PER BARRICADE TO ENSURE STABILIZATION.
- ALL TEMPORARY PAVEMENT MARKING WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- IT IS THE CONTRACTOR'S OPTION TO USE THE MATERIAL TRANSFER DEVICE (MTD). THE PAY ITEM FOR THE MTD WILL NOT BE INCLUDED IN THIS CONTRACT.
- ALL EXISTING AND PROPOSED RIGHT-OF-WAY LINES AND PROPERTY LINES SHOWN ON THE PLAN SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGHT-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.

IF ANY SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED OR RESURFACED OVER. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- ARCHAEOLOGY MAY BE ONGOING. CONTRACTOR WILL NEED TO WORK WITH THE RE ON WHAT AREAS ARE CLEARED AND WORK AROUND ARCHAEOLOGY SITES UNTIL CLEARED.
- AN EXISTING HANDHOLE AND LOOP COUNT STATION EXISTS ALONG ILLINOIS ROUTE 3 AT STATION 1971+55.36, 32.24' LT. THIS ITEM SHALL BE REMOVED IN ITS ENTIRETY AND PAID FOR AS REMOVE EXISTING HANDHOLE.
- THE RIGHT OF WAY MARKER SHALL BE INSTALLED SO THAT THE BACK OF THE POST IS TWELVE INCHES (12") INSIDE THE RIGHT OF WAY BOUNDARY. THE RIGHT OF WAY MARKER SHALL BE A WITNESS TO THE RIGHT OF WAY CORNER WHICH IS THE PROPERTY PIN. THE RIGHT OF WAY CORNER OR PROPERTY PIN IS A 5/8" IRON ROD WITH IDOT ALUMINUM CAP THAT SHALL NOT BE REMOVED, DAMAGED, OR DISTURBED WHEN SETTING THE RIGHT OF WAY MARKER AT THE TWELVE INCHES (12") OFFSET.

- SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS.

COMMITMENTS

- FIELD ENTRANCES WILL BE AGGREGATE AND CONSTRUCTED WITH A DRIVING SURFACE WIDTH OF 30'. FIELD ENTRANCES WILL BE CONSTRUCTED OR RECONSTRUCTED AT THE FOLLOWING LOCATIONS:

IL ROUTE 3 STATIONS
1972+12.19 LEFT
1985+58.25 LEFT

VANDEBROOK STATIONS
280+25.00 RIGHT AND LEFT
282+25.00 RIGHT AND LEFT
293+40.00 RIGHT AND LEFT

- THE ENGINEER WILL MAKE THE CONTRACTOR AWARE OF THE EXISTENCE OF A 12" UNDERGROUND PIPE, COMMONLY REFERRED TO AS A 12" PIPE-SLEEVE, CONSTRUCTED WITH THE ORIGINAL FAP ROUTE 312, SECTION 68R-1-4, AT THE REQUEST OF KENNETH HARTMAN, SR. SAID PIPE-SLEEVE WAS TO BE USED IN THE FUTURE FOR POSSIBLE WATER LINE INSTALLATION AND ITS APPROXIMATE LOCATION IS BETWEEN THE STATIONS OF 1981+00 AND 1986+00.

SHOULD THE LOCATION OF THE PIPE-SLEEVE BE DISCOVERED INTENTIONALLY OR ACCIDENTLY PRIOR TO CONSTRUCTION ACTIVITIES OR DURING CONSTRUCTION ACTIVITIES THE CONTRACTOR AT THE DIRECTION OF THE ENGINEER SHALL EXTEND THE PIPE-SLEEVE. THE ENGINEER SHALL ALSO DIRECT THE CONTRACTOR TO PROVIDE MR. KENNETH HARTMAN, JR. WITH A PLAN SHEET INDICATING THE LOCATION OF THE PIPE-SLEEVE AS EXTENDED.

MIXTURE DESIGNS

LOCATION:	VANDEBROOK DRIVE	SOUTH MARKET STREET	SOUTH MARKET STREET
	SOUTH MARKET STREET	IL ROUTE 3	IL ROUTE 3
MIXTURE USE(S):	POLY SURFACE	POLY BINDER	BINDER
AC/PG:	SBS PG 76-22	SBS PG 76-22	PG 64-22
RAP% (MAX): **	SEE SPEC	SEE SPEC	SEE SPEC
DESIGN AIR VOIDS:	4.0% @ Ndes = 90	4.0% @ Ndes = 90	4.0% @ Ndes = 90
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 12.5/9.5	IL 19.0 FG	IL 19.0 FG
FRICTION AGGREGATE	MIXTURE "D"	MIXTURE "B"	MIXTURE "B"

LOCATION:	SOUTH MARKET STREET	VANDEBROOK DRIVE	SOUTH MARKET STREET
	IL ROUTE 3	SOUTH MARKET STREET	IL ROUTE 3
MIXTURE USE(S):	BSE CSE/WIDENING	SHOULDERS > 2.25"	SHOULDERS < 2.25"
AC/PG:	PG 64-22	PG 64-22	PG 64-22
RAP% (MAX): **	SEE SPEC	SEE CONTRACT RAP	SEE CONTRACT RAP
DESIGN AIR VOIDS:	4.0% @ Ndes = 90	SPECIAL PROVISION	SPECIAL PROVISION
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 19.0 FG	**2.0% @ Ndes = 30	**2.0% @ Ndes = 30
FRICTION AGGREGATE	MIXTURE "B"	NMAS 3/4"	NMAS 1/2"

LOCATION:	SOUTH MARKET STREET	SOUTH MARKET STREET	SHARED USE PATH
	IL ROUTE 3	IL ROUTE 3	
MIXTURE USE(S):	PATCHING	INCIDENTAL SURF	BIKE TRAIL
AC/PG:	PG 64-22	PG 64-22	PG 64-22
RAP% (MAX): **	SEE SPEC	SEE SPEC	SEE SPEC
DESIGN AIR VOIDS:	4.0% @ Ndes = 90	4.0% @ Ndes = 90	4.0% @ Ndes = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 19.0	IL 19.0	IL 12.5/9.5
FRICTION AGGREGATE	MIXTURE "B"	MIXTURE "C"	MIXTURE "C"

** TOP LIFT SHOULDER - DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORNER & SHIFRIN, INC
ENGINEERS

GENERAL NOTES, COMMITMENTS
AND MIXTURE DESIGNS

SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.					
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* FAP 312 / FAU 9321 / FAU 9324

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	68-R-1	MONROE	192	2
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL	ACM	ACF	ACM	ACM	ACM	
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% STATE 20% CITY	80% FEDERAL 20% STATE	100% STATE
				ROADWAY	ROADWAY	ROADWAY	BICYCLE/PEDS	TRAFFIC SIGNALS	TRAFFIC SIGNALS
				0001	0004	0004	0028	0021	0021
URBAN	URBAN	URBAN	URBAN	URBAN	URBAN				
				F. A. U. 9324	F. A. P. 312	F. A. U. 9321			
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	143	99	44				
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	193	193					
20200100	EARTH EXCAVATION	CU YD	23475	10015	12380	1080			
20400800	FURNISHED EXCAVATION	CU YD	19550	14900	4270	380			
20700220	POROUS GRANULAR EMBANKMENT	CU YD	815	815					
20800150	TRENCH BACKFILL	CU YD	1504	603	895	6			
* 25000210	SEEDING, CLASS 2A	ACRE	13.25	7.00	5.25	1.00			
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1169	619	471	79			
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1169	619	471	79			
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1169	619	471	79			
* 25100115	MULCH, METHOD 2	ACRE	11.5	6.0	4.5	1.0			
* 25100630	EROSION CONTROL BLANKET	SO YD	7191	4133	3058				
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1299	688	523	88			
28000305	TEMPORARY DITCH CHECKS	FOOT	3650	2025	1575	50			

*SPECIALTY ITEM

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

HORNER &
 SHIRIN, INC.
 ENGINEERS

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 1 OF 13 SHEETS STA. TO STA.

F.A.U. RTE. 9324	SECTION 68-R-1	COUNTY MONROE	TOTAL SHEETS 192	SHEET NO. 3
CONTRACT NO. 76F51			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL	ACM	ACF	ACM	ACM	ACM			
				CONSTRUCTION CODE							
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE ROADWAY	80% STATE 20% CITY BICYCLE/PEDS	80% FEDERAL 20% STATE TRAFFIC SIGNALS	100% STATE TRAFFIC SIGNS		
				0001 URBAN F. A. U. 9324	0004 URBAN F. A. P. 312	0004 URBAN F. A. U. 9321	0028 URBAN	0021 URBAN	0021 URBAN		
28000400	PERIMETER EROSION BARRIER	FOOT	4461	3224	1028	209					
28000500	INLET AND PIPE PROTECTION	EACH	22	12	8	2					
28001100	TEMPORARY EROSION CONTROL BLANKET	SO YD	7191	4133	3058						
28100207	STONE RIPRAP, CLASS A4	TON	984	792	192						
28200200	FILTER FABRIC	SO YD	2482	2345	137						
28300400	AGGREGATE DITCH	TON	1037	1017	20						
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	26391	10894	11700	1675	2122				
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SO YD	16			16					
35501311	HOT-MIX ASPHALT BASE COURSE, 6 3/4"	SO YD	9206		9206						
35501319	HOT-MIX ASPHALT BASE COURSE, 8 3/4"	SO YD	1118			1118					
40200700	AGGREGATE SURFACE COURSE, TYPE A B"	SO YD	2494	1156	406	932					
40300200	BITUMINOUS MATERIALS (PRIME COAT)	TON	3.5	1.5		2					
40300400	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	TON	10.4	10.4							
40300500	COVER COAT AGGREGATE	TON	43	43							

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 2 OF 13 SHEETS STA. TO STA.

F.A.U. RTE. 9324	SECTION 68-R-1	COUNTY MONROE	TOTAL SHEETS 192	SHEET NO. 4
CONTRACT NO. 76F51			ILLINOIS FED. AID PROJECT	

ACM ACE ACM ACM ACM

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL	CONSTRUCTION CODE						
				80% FEDERAL 20% STATE ROADWAY 0001 URBAN F. A. U. 9324	80% FEDERAL 20% STATE ROADWAY 0004 URBAN F. A. P. 312	80% FEDERAL 20% STATE ROADWAY 0004 URBAN F. A. U. 9321	80% STATE 20% CITY BICYCLE/PEDS 0028 URBAN	80% FEDERAL 20% STATE TRAFFIC SIGNALS 0021 URBAN	100% STATE TRAFFIC SIGNS 0021 URBAN	
40300600	SEAL COAT AGGREGATE	TON	21	21						
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	84.9	30.4	45.6	8.9				
40600300	AGGREGATE (PRIME COAT)	TON	52	1	35	16				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	304		304					
40600990	TEMPORARY RAMP	SO YD	456		62	394				
40603092	HOT-MIX ASPHALT BINDER COURSE, IL-19.0 FG, N90	TON	3622	3622						
40603243	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, FG, N90	TON	4933		3867	1066				
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	930				930			
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	2751	1179	1295	277				
42001300	PROTECTIVE COAT	SO YD	439	153	34	82	170			
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SO YD	9			9				
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	1527.5				1527.5			
42400800	DETECTABLE WARNINGS	SO FT	108				108			
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SO YD	2267			2267				

• SPECIALTY ITEM

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PEN TABLE = V8-HotF-ab1
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PLOT DATE = 10/11/2012 12:52:38 PM		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 3 OF 13 SHEETS STA. TO STA.

F.A.U. RTE. 9324	SECTION 68-R-1	COUNTY MONROE	TOTAL SHEETS 192	SHEET NO. 5
CONTRACT NO. 76F51			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL	ACM	ACF	ACM	CONSTRUCTION CODE		
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE ROADWAY	80% STATE 20% CITY BICYCLE/PEDS	80% FEDERAL 20% STATE TRAFFIC SIGNALS	100% STATE TRAFFIC SIGNS
				0001 URBAN	0004 URBAN	0004 URBAN	0028 URBAN	0021 URBAN	0021 URBAN
				F. A. U. 9324	F. A. P. 312	F. A. U. 9321			
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	10728		10728				
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	638			638			
44004250	PAVED SHOULDER REMOVAL	SO YD	7889		6874	1015			
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	7136		5780	1356			
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	438		350	88			
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SO YD	2538		2538				
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	7278	3036	3107	1135			
50105220	PIPE CULVERT REMOVAL	FOOT	303	74	87	142			
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	283	283					
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	850	850					
54003000	CONCRETE BOX CULVERTS	CU YD	17	17					
54010804	PRECAST CONCRETE BOX CULVERTS 8' X 4'	FOOT	230	230					
54213450	END SECTIONS 15"	EACH	17	5	4	8			
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1		1				

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 4 OF 13 SHEETS STA. TO STA.

F.A.U. RTE. 9324	SECTION 6B-R-1	COUNTY MONROE	TOTAL SHEETS 192	SHEET NO. 6
CONTRACT NO. 76F51			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL	CONSTRUCTION CODE						
				ACM	ACF	ACM	ACM	ACM	ACM	
				80% FEDERAL 20% STATE ROADWAY 0001 URBAN F. A. U. 9324	80% FEDERAL 20% STATE ROADWAY 0004 URBAN F. A. P. 312	80% FEDERAL 20% STATE ROADWAY 0004 URBAN F. A. U. 9321	80% STATE 20% CITY BICYCLE/PEDS 0028 URBAN	80% FEDERAL 20% STATE TRAFFIC SIGNALS 0021 URBAN	100% STATE TRAFFIC SIGNS 0021 URBAN	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1		1					
54214290	END SECTIONS, EQUIVALENT ROUND-SIZE 15"	EACH	8	8						
54214323	END SECTIONS, EQUIVALENT ROUND-SIZE 48"	EACH	4	4						
54214335	END SECTIONS, EQUIVALENT ROUND-SIZE 60"	EACH	2	2						
54215436	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 36"	EACH	1		1					
54247110	GRATING FOR CONCRETE FLARED END SECTION 18"	EACH	1		1					
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	1		1					
54248510	CONCRETE COLLAR	CU YD	0.6		0.6					
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	23		23					
542A1081	PIPE CULVERTS, CLASS A, TYPE 2 36"	FOOT	25		25					
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	377	72	126	179				
542D5470	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 15"	FOOT	173	173						
542D5503	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 48"	FOOT	85	85						
542D5515	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 60"	FOOT	47	47						

• SPECIALTY ITEM

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DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 5 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	7
CONTRACT NO. 76F51			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL	ACM	ACF	ACM	CONSTRUCTION CODE		
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE ROADWAY	80% STATE 20% CITY BICYCLE/PEDS	80% FEDERAL 20% STATE TRAFFIC SIGNALS	100% STATE TRAFFIC SIGNS
				0001 URBAN	0004 URBAN	0004 URBAN	0028 URBAN	0021 URBAN	0021 URBAN
				F. A. U. 9324	F. A. P. 312	F. A. U. 9321			
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	19		19				
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	39		39				
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	12		12				
60100915	PIPE DRAINS 6"	FOOT	60	30	20	10			
60100925	PIPE DRAINS 8"	FOOT	60	30	20	10			
60100945	PIPE DRAINS 12"	FOOT	60	30	20	10			
60107600	PIPE UNDERDRAINS 4"	FOOT	5338		5338				
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	212		212				
60220005	MANHOLES, TYPE A, 4' -DIAMETER, WITH MEDIAN INLET (604101)	EACH	2	1	1				
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	319.5	146.0	99.0	74.5			
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	1367	935		432			
61100500	EXPLORATION TRENCH 52" DEPTH	FOOT	8325	6430	1515	380			
61100605	MISCELLANEOUS CONCRETE	CU YD	9.0	4.5	3.0	1.5			
61101007	STORM SEWERS PROTECTED, CLASS A, 6"	FOOT	300	300					

• SPECIALTY ITEM

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		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 6 OF 13 SHEETS STA. TO STA.

F.A.U. RTE. 9324	SECTION 68-R-1	COUNTY MONROE	TOTAL SHEETS 192	SHEET NO. 8
CONTRACT NO. 76F51			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL	CONSTRUCTION CODE						
				ACM	ACF	ACM	ACM	ACM	ACM	
				80% FEDERAL 20% STATE ROADWAY 0001 URBAN F. A. U. 9324	80% FEDERAL 20% STATE ROADWAY 0004 URBAN F. A. P. 312	80% FEDERAL 20% STATE ROADWAY 0004 URBAN F. A. U. 9321	80% STATE 20% CITY BICYCLE/PEDS 0028 URBAN	80% FEDERAL 20% STATE TRAFFIC SIGNALS 0021 URBAN	100% STATE TRAFFIC SIGNS 0021 URBAN	
61101009	STORM SEWERS PROTECTED, CLASS A, 8"	FOOT	300	300						
61101013	STORM SEWERS PROTECTED, CLASS A, 12"	FOOT	300	300						
61133200	FIELD TILE JUNCTION VAULTS, 3' DIA.	EACH	18	18						
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	2052		2052					
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	58	34	21	3				
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	9	6	1	2				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	24	24						
67100100	MOBILIZATION	L SUM	1	1						
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1		1					
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1		1					
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1						
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1		1					
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1		1					
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.25	0.5	0.25				

• SPECIALTY ITEM

LAST SAVED: 10/11/2012
 PEN TABLE: MONROE
 PLOT DRIVER: PLOTDRIVER.DWG

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	PLOT DATE: 10/11/2012 12:52:48 PM	DATE: -	REVISED: -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 7 OF 13 SHEETS STA. TO STA.

F.A.U. RTE. 9324	SECTION 68-R-1	COUNTY MONROE	TOTAL SHEETS 192	SHEET NO. 9
CONTRACT NO. 76F51			ILLINOIS FED. AID PROJECT	

F.A.U. 9324

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL	CONSTRUCTION CODE						
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE ROADWAY	80% STATE 20% CITY BICYCLE/PEDS	80% FEDERAL 20% STATE TRAFFIC SIGNALS	100% STATE TRAFFIC SIGNS	
				0001 URBAN	0004 URBAN	0004 URBAN	0028 URBAN	0021 URBAN	0021 URBAN	
				F. A. U. 9324	F. A. P. 312	F. A. U. 9321				
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	48		48					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2756	685	1729	342				
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	312.0	62.4	187.2	62.4				
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	55260	16133	32125	7002				
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	980	346	307	327				
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2410	478	1535	397				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	276	40	166	70				
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	23153	6393	13506	3254				
* 72000100	SIGN PANEL - TYPE 1	SQ FT	279	57	135	59	4	24		
* 72000200	SIGN PANEL - TYPE 2	SQ FT	63	10					53	
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	10	3	4	3				
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	10	3	7					
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	163	16	102	45				
72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	25	12	13					

*SPECIALTY ITEM

LAST SAVED: 18/11/2012 12:52:48 PM
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 FILE NAME: ...

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL	ACM	ACF	ACM	ACM	ACM			
				CONSTRUCTION CODE						80% STATE	100% STATE
				80% FEDERAL	80% FEDERAL	80% FEDERAL	80% STATE	80% FEDERAL	100% STATE		
				20% STATE	20% STATE	20% STATE	20% CITY	20% STATE	TRAFFIC SIGNALS	TRAFFIC SIGNS	
ROADWAY	ROADWAY	ROADWAY	BICYCLE/PEDS								
				0001	0004	0004	0028	0021	0021		
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN		
				F. A. U. 9324	F. A. P. 312	F. A. U. 9321					
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2		2						
72400710	RELOCATE SIGN PANEL - TYPE 1	SO FT	8		8						
* 73000100	WOOD SIGN SUPPORT	FOOT	599	192	261	118	28				
73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	22	3	13	6					
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	6730		6730						
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	917		917						
* 78003100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS	SO FT	312.0	62.4	187.2	62.4					
* 78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	28669	14708	9998	3963					
* 78003140	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"	FOOT	980	346	307	327					
* 78003150	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"	FOOT	1493	478	618	397					
* 78003180	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"	FOOT	186	40	104	42					
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	233	70	121	42					
* 78200300	PRISMATIC CURB REFLECTOR	EACH	49	23	15	11					
81028230	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3 1/2" DIA.	FOOT	133					133			

* SPECIALTY ITEM

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		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 9 OF 13 SHEETS STA. TO STA.

F.A.U. RTE. 9324	SECTION 68-R-1	COUNTY MONROE	TOTAL SHEETS 192	SHEET NO. 11
CONTRACT NO. 76F51			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL	CONSTRUCTION CODE									
				80% FEDERAL 20% STATE ROADWAY 0001 URBAN F. A. U. 9324	80% FEDERAL 20% STATE ROADWAY 0004 URBAN F. A. P. 312	80% FEDERAL 20% STATE ROADWAY 0004 URBAN F. A. U. 9321	80% STATE 20% CITY BICYCLE/PEDS 0028 URBAN	80% FEDERAL 20% STATE TRAFFIC SIGNALS 0021 URBAN	100% STATE TRAFFIC SIGNS 0021 URBAN				
				81028250	UNDERGROUND CONDUIT, GALVANIZED STEEL, 5" DIA.	FOOT	129					129	
				81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.	FOOT	1189					1189	
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	129					129					
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	153					153					
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	48					48					
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	90					90					
81028400	UNDERGROUND CONDUIT, PVC, 5" DIA.	FOOT	60					60					
* 81400100	HANDHOLE	EACH	11					11					
* 81400300	DOUBLE HANDHOLE	EACH	1					1					
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	980					980					
* 87301235	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 4C	FOOT	1008					1008					
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	5896					5896					
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	5619					5619					
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	45					45					

* SPECIALTY ITEM

LAST SAVED : 10/11/2012
 PLOT TABLE : V:\HGT\cbl
 PLOT DRIVER : PLOTDRIVER.DWG

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		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 10 OF 13 SHEETS STA. TO STA.

F.A.U. RTE. 9324	SECTION 68-R-1	COUNTY MONROE	TOTAL SHEETS 192	SHEET NO. 12
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL	CONSTRUCTION CODE					
				ACM	ACE	ACM	ACM	ACM	ACM
				80% FEDERAL 20% STATE ROADWAY 0001 URBAN F. A. U. 9324	80% FEDERAL 20% STATE ROADWAY 0004 URBAN F. A. P. 312	80% FEDERAL 20% STATE ROADWAY 0004 URBAN F. A. U. 9321	80% STATE 20% CITY BICYCLE/PEDS 0028 URBAN	80% FEDERAL 20% STATE TRAFFIC SIGNALS 0021 URBAN	100% STATE TRAFFIC SIGNS 0021 URBAN
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	800					800	
* 87500900	TRAFFIC SIGNAL POST, 13 FT.	EACH	3					3	
* 87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1					1	
* 87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1					1	
* 87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1					1	
* 87700320	STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	1					1	
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	9					9	
* 87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3					3	
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	54					54	
* 88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	11					11	
* 88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	14					14	
* 88102810	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED	EACH	4					4	
* 88200400	TRAFFIC SIGNAL BACKPLATE, FORMED PLASTIC	EACH	14					14	
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	11					11	

* SPECIALTY ITEM

LAST SAVED: 10/11/2012 12:52:42 PM
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 11 OF 13 SHEETS STA. TO STA.

F.A.U. RTE. 9324	SECTION 68-R-1	COUNTY MONROE	TOTAL SHEETS 192	SHEET NO. 13
CONTRACT NO. 76F51			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL	CONSTRUCTION CODE					
				80% FEDERAL 20% STATE ROADWAY 0001 URBAN F. A. U. 9324	80% FEDERAL 20% STATE ROADWAY 0004 URBAN F. A. P. 312	80% FEDERAL 20% STATE ROADWAY 0004 URBAN F. A. U. 9321	80% STATE 20% CITY BICYCLE/PEDS 0028 URBAN	80% FEDERAL 20% STATE TRAFFIC SIGNALS 0021 URBAN	100% STATE TRAFFIC SIGNS 0021 URBAN
* 88600100	DETECTOR LOOP, TYPE I	FOOT	2883					2883	
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	4					4	
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1					1	
* 89501100	RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER	EACH	1					1	
* 89502200	MODIFY EXISTING CONTROLLER	EACH	1					1	
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3					3	
89502380	REMOVE EXISTING HANDHOLE	EACH	9					9	
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1					1	
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5					5	
* A2C17G03	TREE, CRATAEGUS CRUSGALLI (COMMON THORNLESS COCKSPUR HAWTHORN), CONTAINER GROWN, 3-GALLON	EACH	6		6				
* B2002220	TREE, CRATAEGUS VIRDIS WINTER KING (WINTER KING GREEN HAWTHORN), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	12		12				
* B2004116	TREE, MALUS PRAIRIFIRE (PRAIRIFIRE CRABAPPLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	7		7				
* D2012204	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 3" CALIPER, BALLED AND BURLAPPED	EACH	6		6				
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	2		2				

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORNER & SHIRIN, INC.
ENGINEERS

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 12 OF 13 SHEETS STA. TO STA.

F.A.U. RTE. 9324	SECTION 68-R-1	COUNTY MONROE	TOTAL SHEETS 192	SHEET NO. 14
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76F51	

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL	CONSTRUCTION CODE						
				ACM	ACF	ACM	ACM	ACM		
				80% FEDERAL 20% STATE ROADWAY 0001 URBAN F. A. U. 9324	80% FEDERAL 20% STATE ROADWAY 0004 URBAN F. A. P. 312	80% FEDERAL 20% STATE ROADWAY 0004 URBAN F. A. U. 9321	80% STATE 20% CITY BICYCLE/PEDS 0028 URBAN	80% FEDERAL 20% STATE TRAFFIC SIGNALS 0021 URBAN	100% STATE TRAFFIC SIGNS 0021 URBAN	
X0323265	REMOVE EXISTING RIPRAP	SO YD	122		122					
X0327301	RELOCATE EXISTING MAILBOX	EACH	1			1				
X6015000	REMOVE CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	8		8					
X6020076	INLETS, SPECIAL, WITH SPECIAL FRAME AND GRATE	EACH	1		1					
X6660410	REMOVE RIGHT-OF-WAY MARKERS	EACH	10		10					
X6660445	RIGHT OF WAY AND PROPERTY CORNERS	EACH	2	2						
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	28669	14708	9998	3963				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1						
* Z0036200	PAINT CURB	FOOT	283	129	85	69				
Z0040530	PIPE UNDERDRAIN REMOVAL	FOOT	6045		6045					
Z0054400	ROCK FILL	CU YD	283	283						
Z0064505	SECTION CORNER MARKERS	EACH	2		2					
+ Z0076600	TRAINEES	HOUR	1,000	1,000						
+ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1,000	1,000						

* SPECIALTY ITEM

+0042

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 PLOT DRIVER: HPGLA52.PCL

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

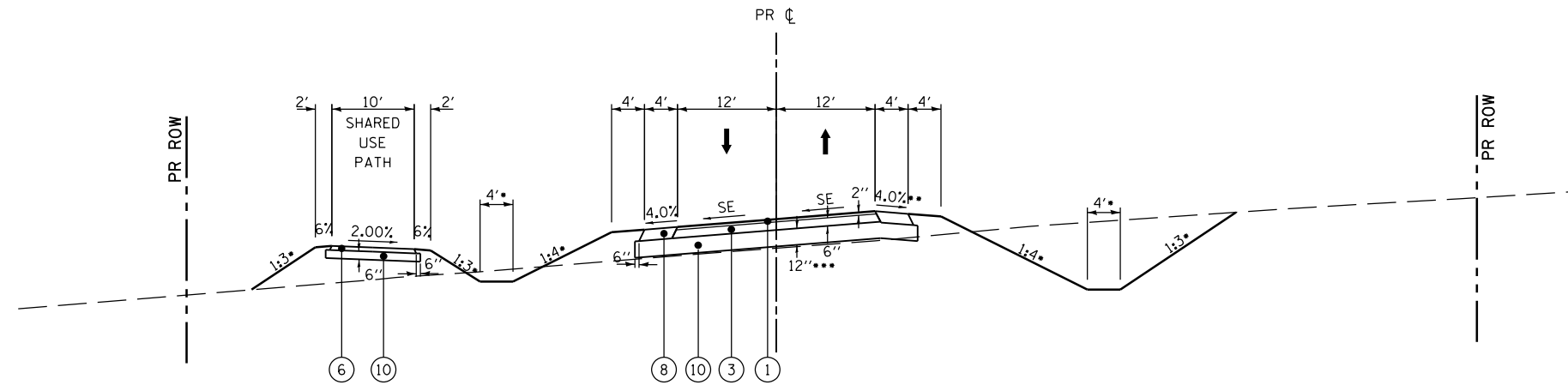
HORNER & SHIFRIN, INC.
ENGINEERS

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 13 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	15
CONTRACT NO. 76F51			ILLINOIS FED. AID PROJECT	

- OR AS SHOWN ON CROSS SECTIONS
- SLOPE SHALL NOT EXCEED MAXIMUM SHOULDER ROLLOVER
- SUBBASE THICKNESS VARIES UNDER SHOULDER; SEE STD 482001



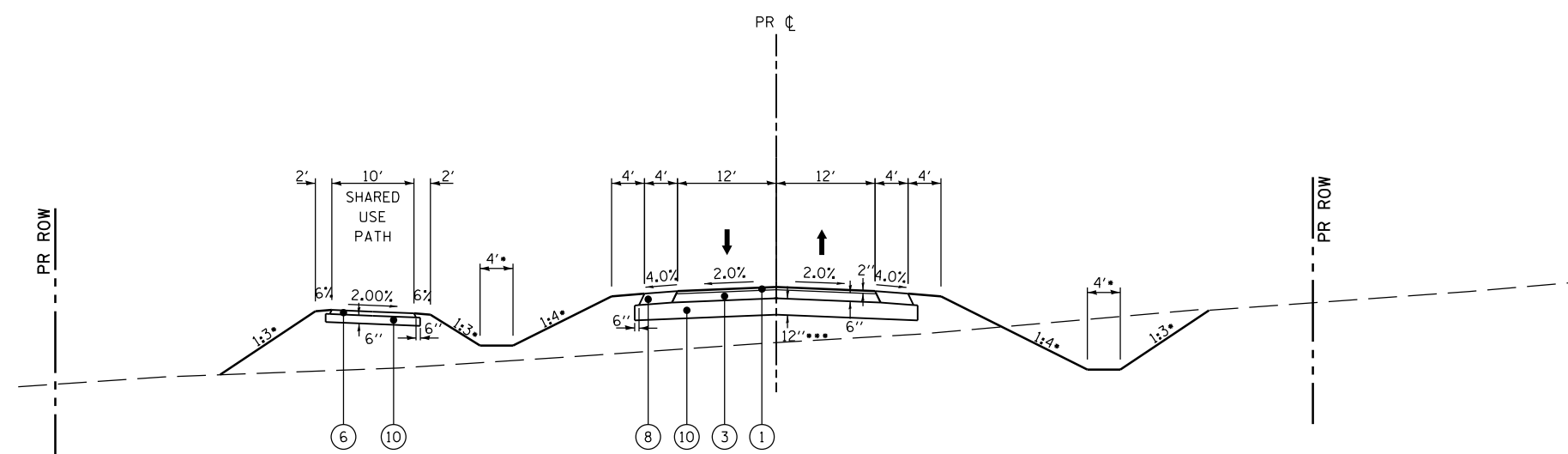
LEGEND

- (1) EXISTING HMA PAVEMENT 13-3/4"
- (2) EXISTING HMA SHOULDERS 8"
- (3) EXISTING SUBBASE GRANULAR MATERIAL
- (4) EXISTING LIME STABILIZED SOIL 12"
- (5) EXISTING PIPE UNDERDRAIN
- (6) EXISTING OIL & CHIP PAVEMENT

RELOCATED VANDEBROOK DRIVE - SUPERELEVATED

STA 266+14.32 TO STA 274+67.23 (CURVE LT)
 STA 285+31.47 TO STA 293+72.76 (CURVE RT)

- (1) PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "D", N90
- (2) PROPOSED POLYMERIZED HMA BINDER COURSE, MIX "D", N90
- (3) PROPOSED HMA BINDER COURSE, IL 19.0 FG, N90
- (4) PROPOSED HMA BASE COURSE, 6 3/4"
- (5) PROPOSED HMA BASE COURSE, 8 3/4"
- (6) PROPOSED HMA SURFACE COURSE, MIX "C", N50 (3")
- (7) PROPOSED HMA SHOULDER 6"
- (8) PROPOSED HMA SHOULDER 8"
- (9) PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- (10) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A
- (11) PROPOSED AGGREGATE SURFACE COURSE, TYPE A 8"
- (12) BITUMINOUS SURFACE TREATMENT A-3
- (13) PROPOSED PCC SIDEWALK 4"
- (14) PROPOSED PIPE UNDERDRAINS
- (15) PROPOSED STRIP REFLECTIVE CRACK CONTROL
- (16) HMA SURFACE REMOVAL, 1"
- (17) PROPOSED HMA SURFACE REMOVAL, 2"



RELOCATED VANDEBROOK DRIVE

STA 265+50.00 TO STA 266+14.32
 STA 274+67.23 TO STA 285+31.47
 STA 293+72.76 TO STA 294+09.65

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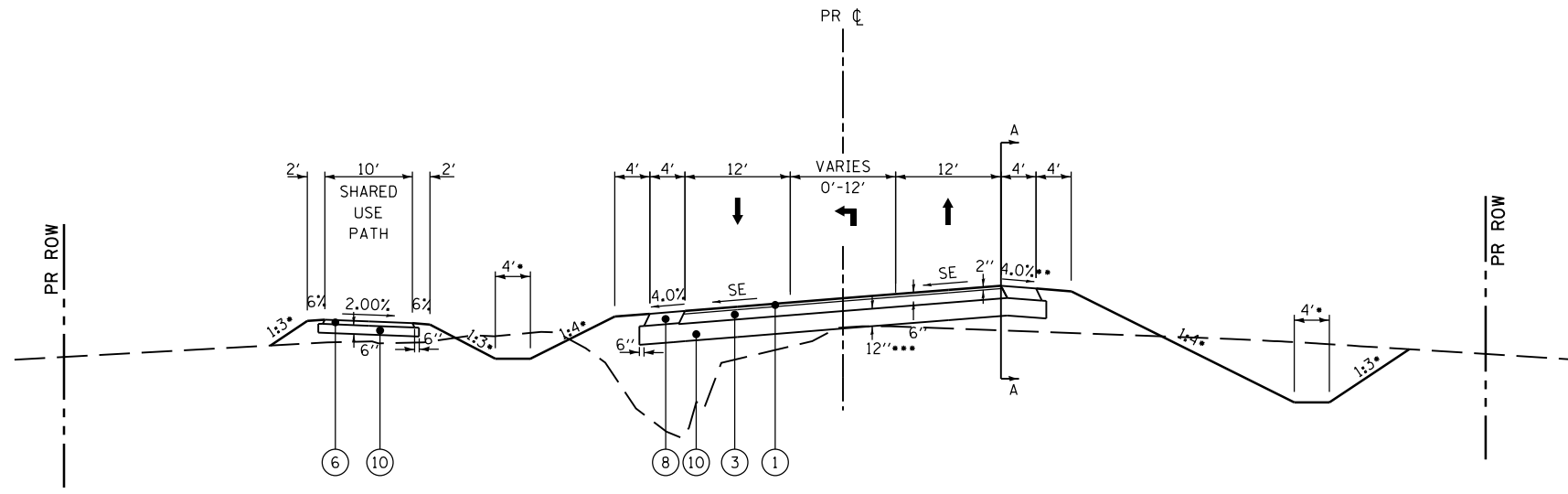
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- OR AS SHOWN ON CROSS SECTIONS
- SLOPE SHALL NOT EXCEED MAXIMUM SHOULDER ROLLOVER
- SUBBASE THICKNESS VARIES UNDER SHOULDER; SEE STD 482001

LEGEND

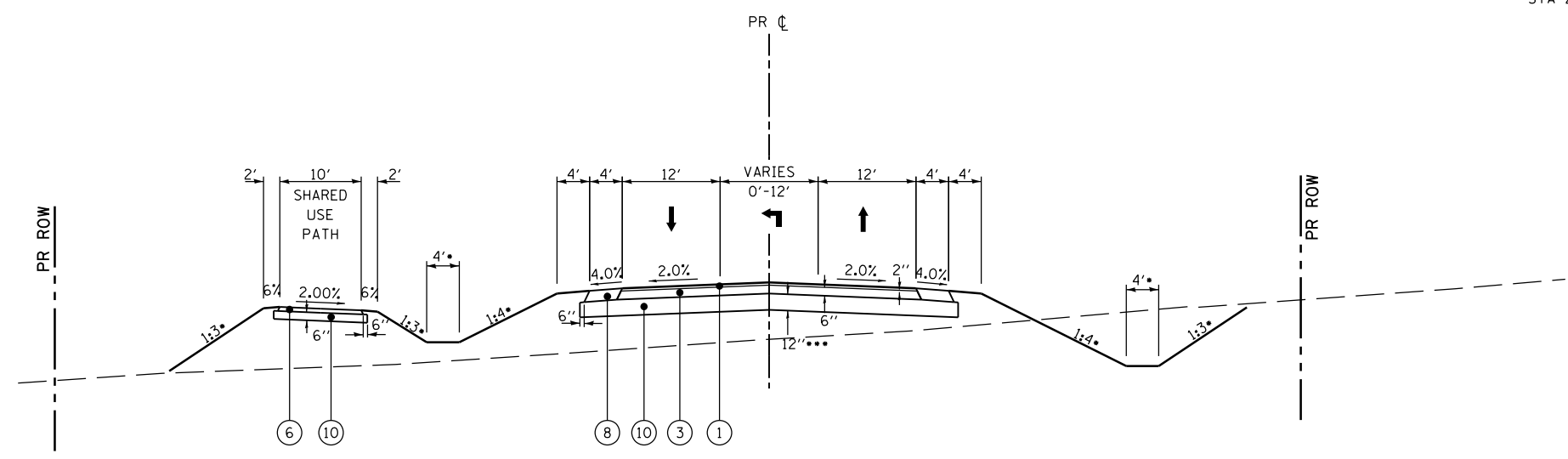
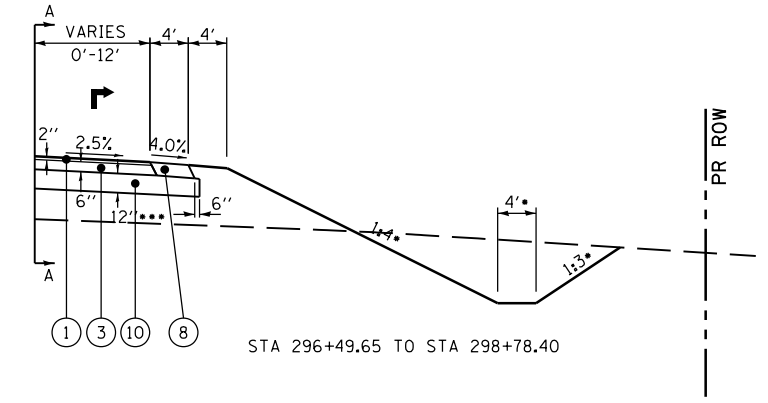
- (1) EXISTING HMA PAVEMENT 13-3/4"
- (2) EXISTING HMA SHOULDERS 8"
- (3) EXISTING SUBBASE GRANULAR MATERIAL
- (4) EXISTING LIME STABILIZED SOIL 12"
- (5) EXISTING PIPE UNDERDRAIN
- (6) EXISTING OIL & CHIP PAVEMENT

- (1) PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "D", N90
- (2) PROPOSED POLYMERIZED HMA BINDER COURSE, MIX "D", N90
- (3) PROPOSED HMA BINDER COURSE, IL 19.0 FG, N90
- (4) PROPOSED HMA BASE COURSE, 6 3/4"
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- (13) PROPOSED PCC SIDEWALK 4"
- (14) PROPOSED PIPE UNDERDRAINS
- (15) PROPOSED STRIP REFLECTIVE CRACK CONTROL
- (16) HMA SURFACE REMOVAL, 1"
- (17) PROPOSED HMA SURFACE REMOVAL, 2"



RELOCATED VANDEBROOK DRIVE - SUPERELEVATED

STA 294+17.75 TO STA 298+78.40 (CURVE LT)



RELOCATED VANDEBROOK DRIVE

STA 294+09.65 TO STA 294+17.75
STA 298+78.40 TO STA 299+62.71

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

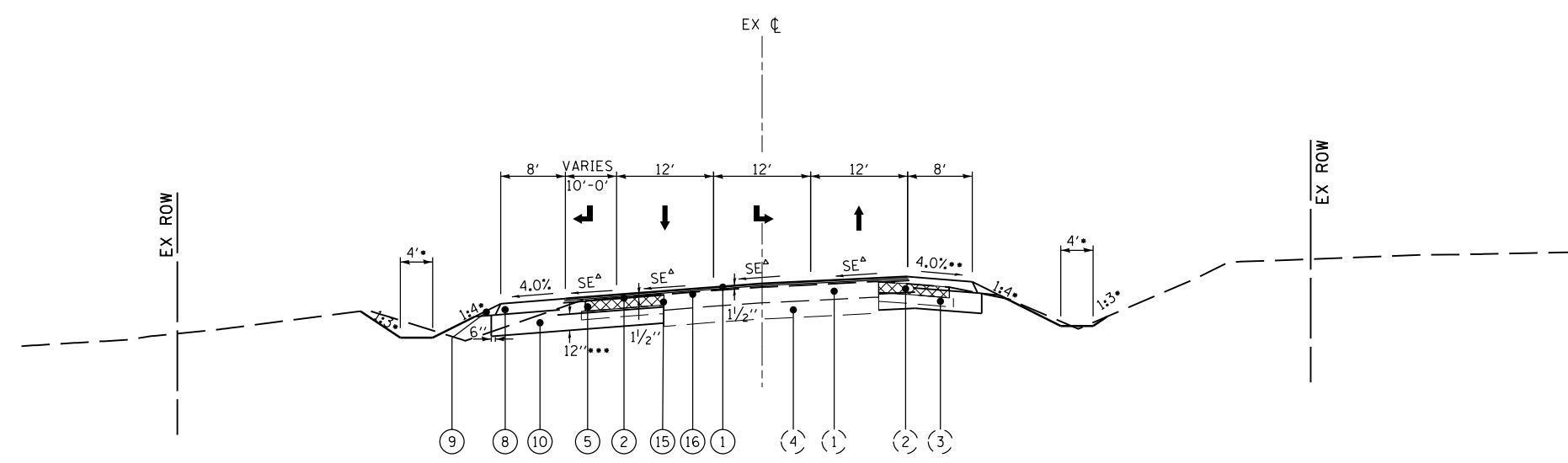
**HORNER &
SHIRIN, INC.
ENGINEERS**

**TYPICAL SECTIONS
RELOCATED VANDEBROOK DRIVE**

SCALE: NONE SHEET NO. 2 OF 7 SHEETS STA. 294+09.65 TO STA. 299+62.71

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	17
CONTRACT NO. 76F51			ILLINOIS FED. AID PROJECT	

- OR AS SHOWN ON CROSS SECTIONS
- SLOPE SHALL NOT EXCEED MAXIMUM SHOULDER ROLLOVER
- SUBBASE THICKNESS VARIES UNDER SHOULDER; SEE STD 482001
- △ MATCH EXISTING SE



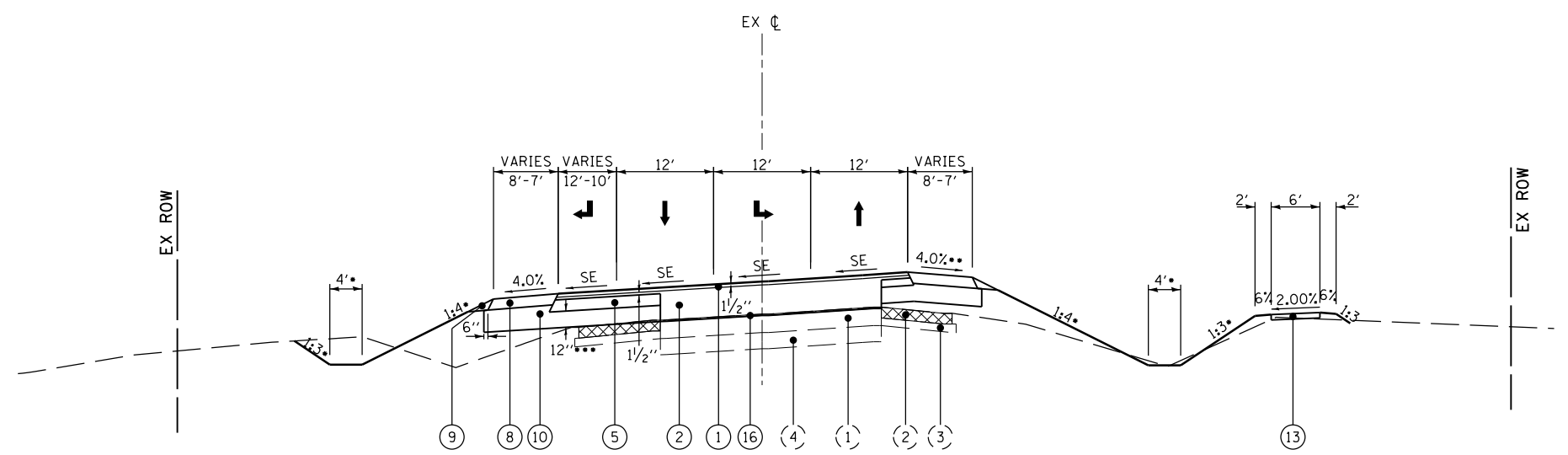
SOUTH MARKET STREET- SUPERELEVATED
STA 303+08.45 TO STA 303+72.35

LEGEND

- (1) EXISTING HMA PAVEMENT 13-3/4"
- (2) EXISTING HMA SHOULDERS 8"
- (3) EXISTING SUBBASE GRANULAR MATERIAL
- (4) EXISTING LIME STABILIZED SOIL 12"
- (5) EXISTING PIPE UNDERDRAIN
- (6) EXISTING OIL & CHIP PAVEMENT

- ① PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "D", N90
- ② PROPOSED POLYMERIZED HMA BINDER COURSE, MIX "D", N90
- ③ PROPOSED HMA BINDER COURSE, IL 19.0 FG, N90
- ④ PROPOSED HMA BASE COURSE, 6 3/4"
- ⑤ PROPOSED HMA BASE COURSE, 8 3/4"
- ⑥ PROPOSED HMA SURFACE COURSE, MIX "C", N50 (3")
- ⑦ PROPOSED HMA SHOULDER 6"
- ⑧ PROPOSED HMA SHOULDER 8"
- ⑨ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑩ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A
- ⑪ PROPOSED AGGREGATE SURFACE COURSE, TYPE A 8"
- ⑫ BITUMINOUS SURFACE TREATMENT A-3
- ⑬ PROPOSED PCC SIDEWALK 4"
- ⑭ PROPOSED PIPE UNDERDRAINS
- ⑮ PROPOSED STRIP REFLECTIVE CRACK CONTROL
- ⑯ HMA SURFACE REMOVAL, 1"
- ⑰ PROPOSED HMA SURFACE REMOVAL, 2"

XXXX TO BE REMOVED



SOUTH MARKET STREET- SUPERELEVATED
STA 300+55.92 TO STA 303+08.45

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

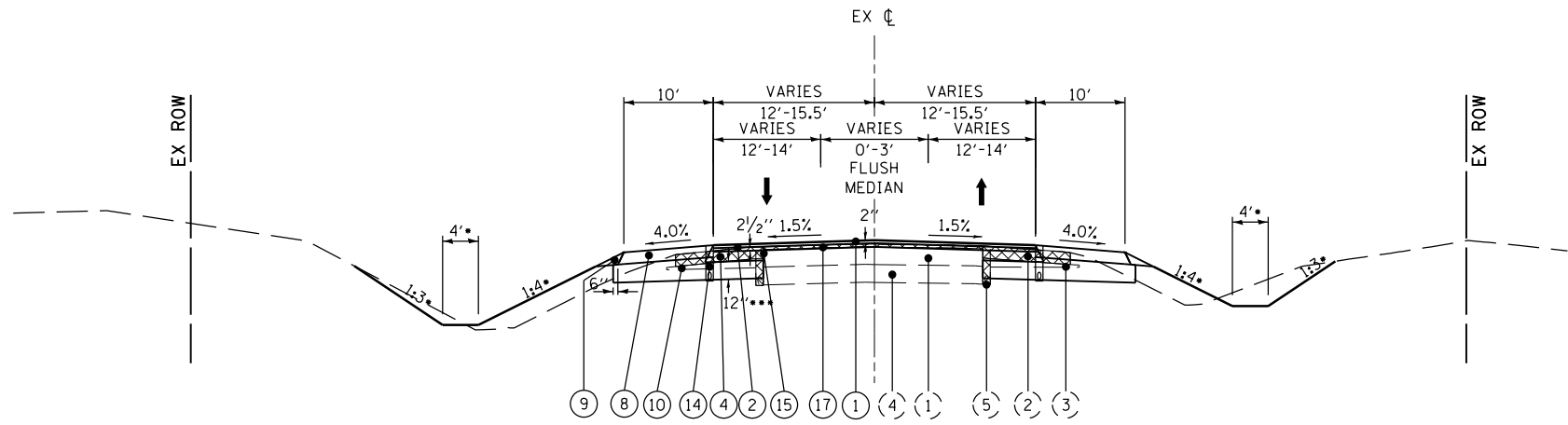
**HORNER &
SHIRIN, INC.
ENGINEERS**

**TYPICAL SECTIONS
SOUTH MARKET STREET**

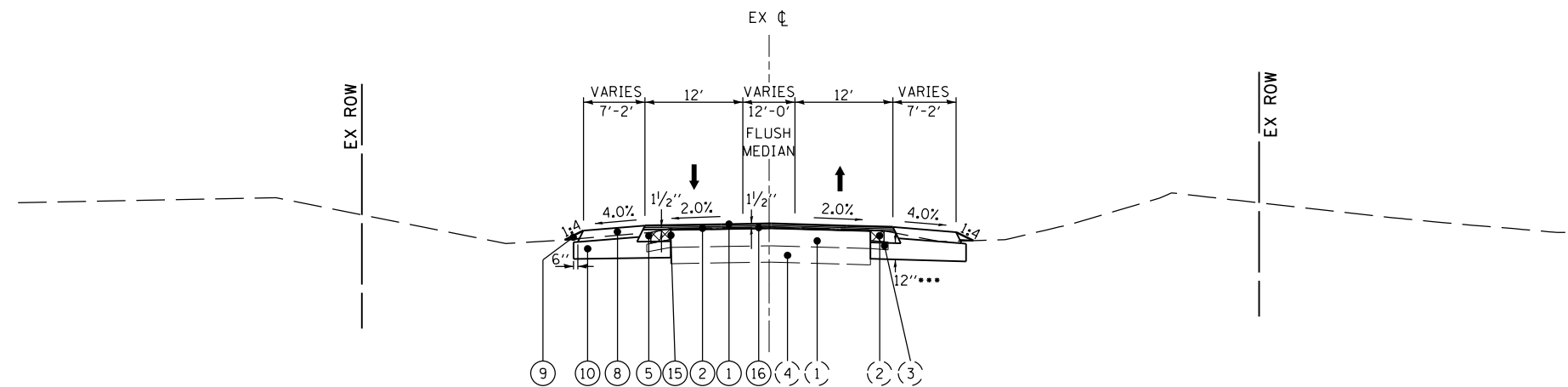
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	18
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				

- OR AS SHOWN ON CROSS SECTIONS
- SLOPE SHALL NOT EXCEED MAXIMUM SHOULDER ROLLOVER
- SUBBASE THICKNESS VARIES UNDER SHOULDER; SEE STD 482001



IL RTE 3
STA 1966+46.00 TO STA 1968+04.40



SOUTH MARKET STREET
STA 303+72.35 TO STA 307+16.05

LEGEND

- (1) EXISTING HMA PAVEMENT 13-3/4"
- (2) EXISTING HMA SHOULDERS 8"
- (3) EXISTING SUBBASE GRANULAR MATERIAL
- (4) EXISTING LIME STABILIZED SOIL 12"
- (5) EXISTING PIPE UNDERDRAIN
- (6) EXISTING OIL & CHIP PAVEMENT

- (1) PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "D", N90
- (2) PROPOSED POLYMERIZED HMA BINDER COURSE, MIX "D", N90
- (3) PROPOSED HMA BINDER COURSE, IL 19.0 FG, N90
- (4) PROPOSED HMA BASE COURSE, 6 3/4"
- (5) PROPOSED HMA BASE COURSE, 8 3/4"
- (6) PROPOSED HMA SURFACE COURSE, MIX "C", N50 (3")
- (7) PROPOSED HMA SHOULDER 6"
- (8) PROPOSED HMA SHOULDER 8"
- (9) PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- (10) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A
- (11) PROPOSED AGGREGATE SURFACE COURSE, TYPE A 8"
- (12) BITUMINOUS SURFACE TREATMENT A-3
- (13) PROPOSED PCC SIDEWALK 4"
- (14) PROPOSED PIPE UNDERDRAINS
- (15) PROPOSED STRIP REFLECTIVE CRACK CONTROL
- (16) HMA SURFACE REMOVAL, 1"
- (17) PROPOSED HMA SURFACE REMOVAL, 2"

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORNER & SHIRIN, INC.
ENGINEERS

TYPICAL SECTIONS
SOUTH MARKET STREET

SCALE: NONE SHEET NO. 4 OF 7 SHEETS STA. 1966+46.00 TO STA. 2018+96.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	19
				CONTRACT NO. 76F51
ILLINOIS FED. AID PROJECT				

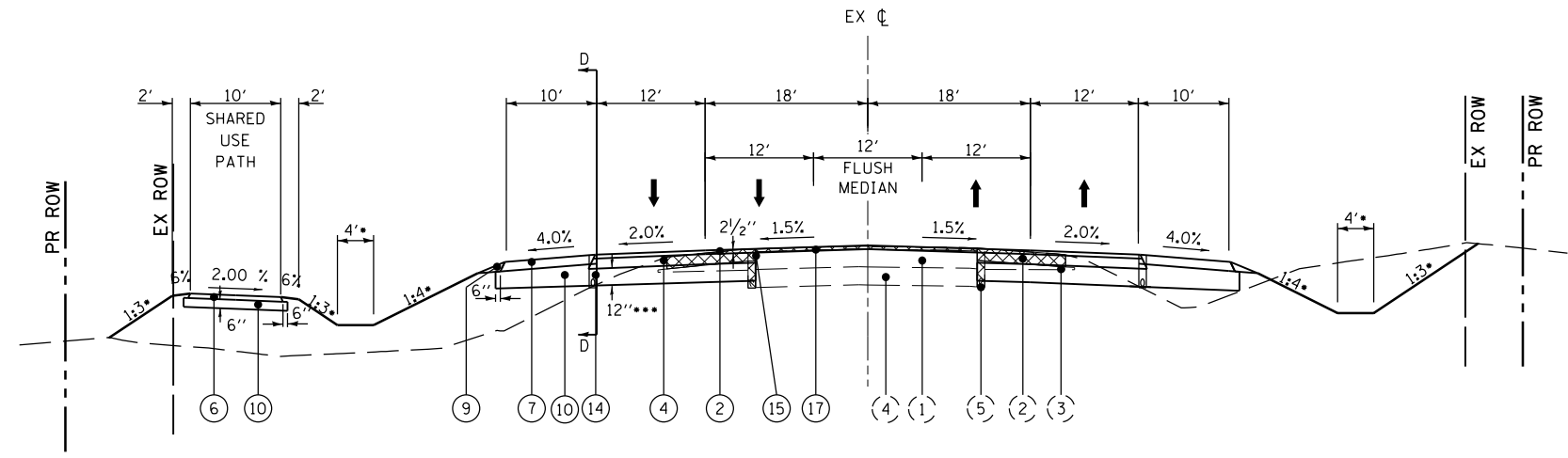
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- SLOPE SHALL NOT EXCEED MAXIMUM SHOULDER ROLLOVER
- SUBBASE THICKNESS VARIES UNDER SHOULDER; SEE STD 482001

LEGEND

- (1) EXISTING HMA PAVEMENT 13-3/4"
- (2) EXISTING HMA SHOULDERS 8"
- (3) EXISTING SUBBASE GRANULAR MATERIAL
- (4) EXISTING LIME STABILIZED SOIL 12"
- (5) EXISTING PIPE UNDERDRAIN
- (6) EXISTING OIL & CHIP PAVEMENT

- (1) PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "D", N90
- (2) PROPOSED POLYMERIZED HMA BINDER COURSE, MIX "D", N90
- (3) PROPOSED HMA BINDER COURSE, IL 19.0 FG, N90
- (4) PROPOSED HMA BASE COURSE, 6 3/4"
- (5) PROPOSED HMA BASE COURSE, 8 3/4"
- (6) PROPOSED HMA SURFACE COURSE, MIX "C", N50 (3")
- (7) PROPOSED HMA SHOULDER 6"
- (8) PROPOSED HMA SHOULDER 8"
- (9) PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- (10) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A
- (11) PROPOSED AGGREGATE SURFACE COURSE, TYPE A 8"
- (12) BITUMINOUS SURFACE TREATMENT A-3
- (13) PROPOSED PCC SIDEWALK 4"
- (14) PROPOSED PIPE UNDERDRAINS
- (15) PROPOSED STRIP REFLECTIVE CRACK CONTROL
- (16) HMA SURFACE REMOVAL, 1"
- (17) PROPOSED HMA SURFACE REMOVAL, 2"

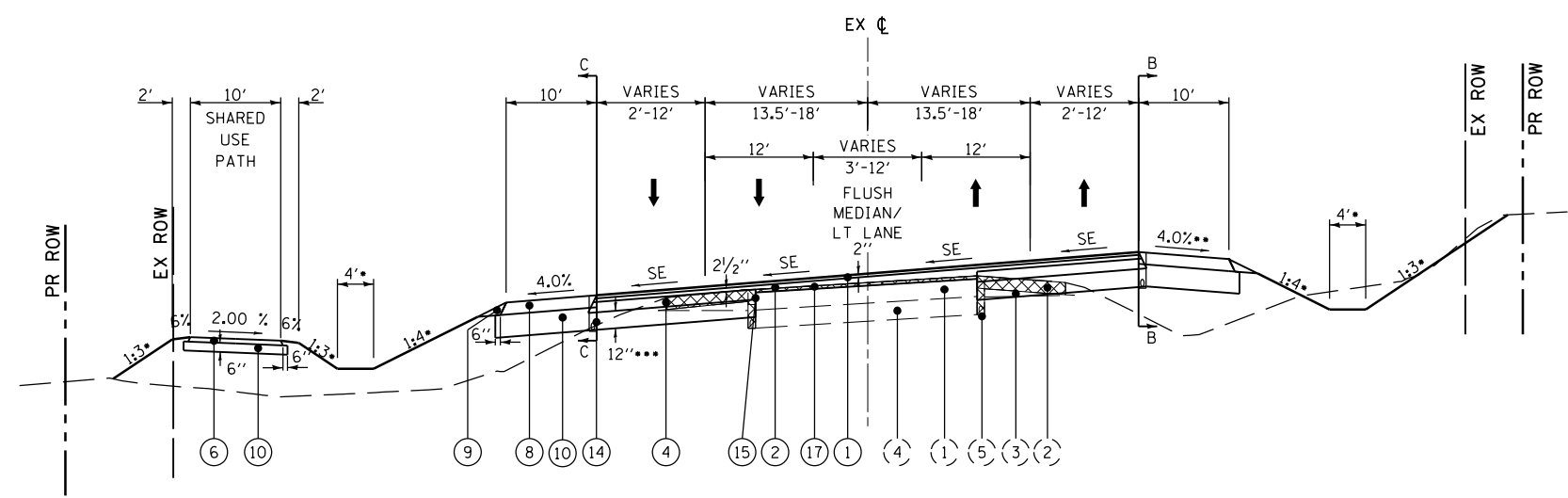
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IL RTE 3

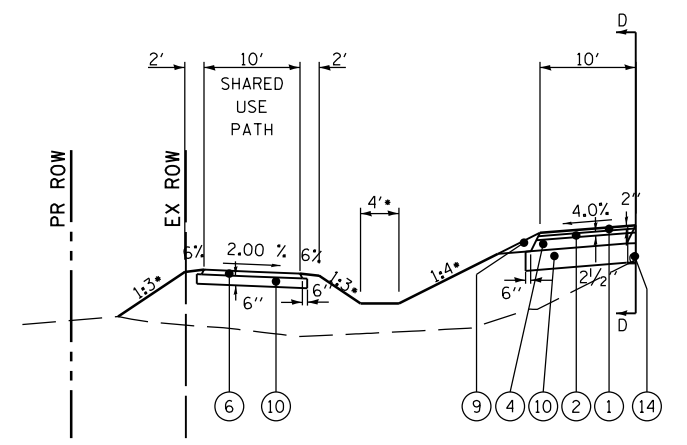
STA 1995+16.13 TO STA 1995+76.51

STA 1983+36.51 TO END:
OMIT HMA SURFACE COURSE, MIX "D", N90

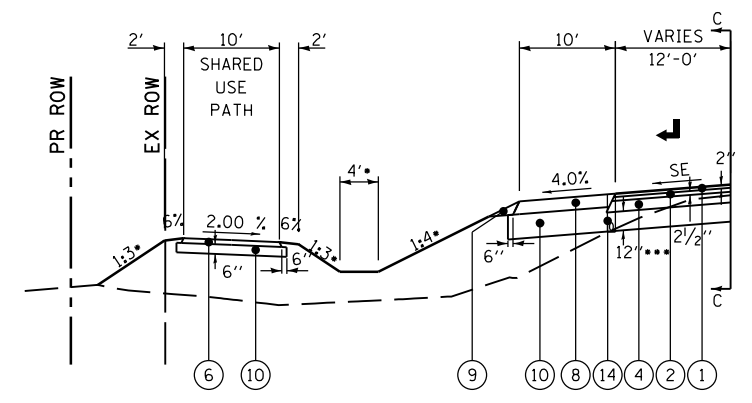


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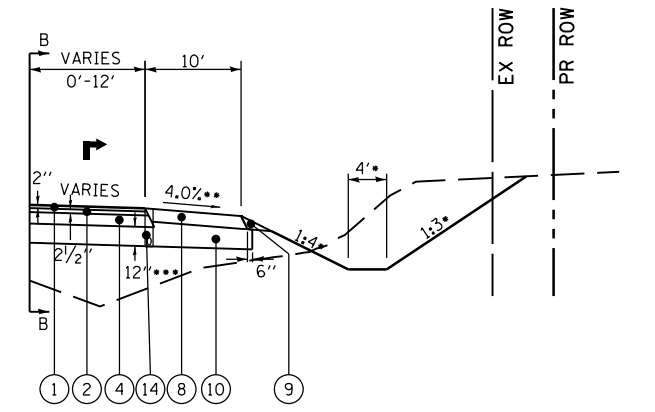
SUPERELEVATED SECTION
STA 1968+04.40 TO STA 1995+16.13 (CURVE LT)



STA 1994+00.00 TO STA 1995+76.51



STA 1981+47.11 TO STA 1985+36.51



STA 1974+56.11 TO STA 1978+61.90

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

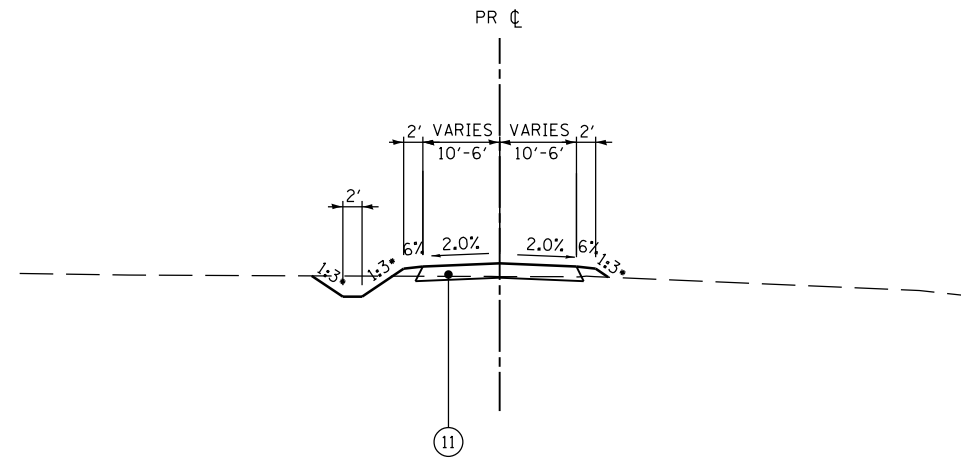
**HORNER &
SHIRIN, INC.
ENGINEERS**

**TYPICAL SECTIONS
IL ROUTE 3**

SCALE: NONE SHEET NO. 5 OF 7 SHEETS STA. TO STA.

F.A.U. RTE. 9324	SECTION 68-R-1	COUNTY MONROE	TOTAL SHEETS 192	SHEET NO. 20
CONTRACT NO. 76F51				ILLINOIS FED. AID PROJECT

- OR AS SHOWN ON CROSS SECTIONS
- SLOPE SHALL NOT EXCEED MAXIMUM SHOULDER ROLLOVER
- SUBBASE THICKNESS VARIES UNDER SHOULDER; SEE STD 482001

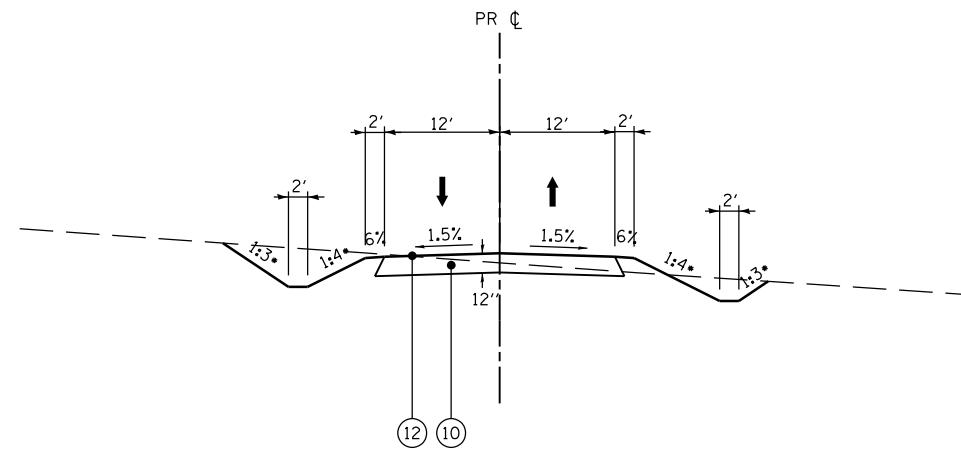


SOUTH MARKET PRIVATE ENTRANCE
STA 20+26.00 TO STA 24+89.02

LEGEND

- (1) EXISTING HMA PAVEMENT 13-3/4"
- (2) EXISTING HMA SHOULDERS 8"
- (3) EXISTING SUBBASE GRANULAR MATERIAL
- (4) EXISTING LIME STABILIZED SOIL 12"
- (5) EXISTING PIPE UNDERDRAIN
- (6) EXISTING OIL & CHIP PAVEMENT

- (1) PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "D", N90
- (2) PROPOSED POLYMERIZED HMA BINDER COURSE, MIX "D", N90
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- (9) PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
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- (11) PROPOSED AGGREGATE SURFACE COURSE, TYPE A 8"
- (12) BITUMINOUS SURFACE TREATMENT A-3
- (13) PROPOSED PCC SIDEWALK 4"
- (14) PROPOSED PIPE UNDERDRAINS
- (15) PROPOSED STRIP REFLECTIVE CRACK CONTROL
- (16) HMA SURFACE REMOVAL, 1"
- (17) PROPOSED HMA SURFACE REMOVAL, 2"



VANDEBROOK ACCESS ROAD
STA 90+00.00 TO STA 92+42.62

LAST SAVED = 10/3/2012
 PEN TABLE = 10/24/12
 PLOT DRIVER = pdfnclayers.pltcf9

FILE NAME =	USER NAME = jepettibone	DESIGNED -	REVISED -
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	PLOT DATE = 10/4/2012 5:10:21 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HORNER &
SHIFRIN, INC.
ENGINEERS**

TYPICAL SECTIONS

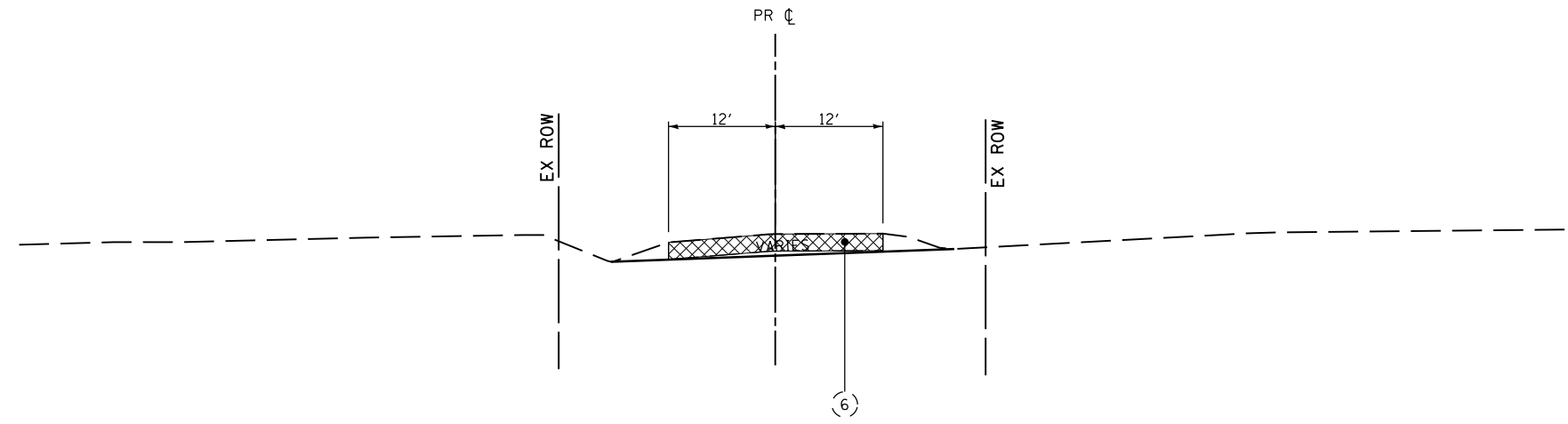
VANDEBROOK DRIVE ACCESS ROAD
SOUTH MARKET PRIVATE ENTRANCE

SCALE: NONE

SHEET NO. 6 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	21
				CONTRACT NO. 76F51
ILLINOIS FED. AID PROJECT				

- OR AS SHOWN ON CROSS SECTIONS
- SLOPE SHALL NOT EXCEED MAXIMUM SHOULDER ROLLOVER
- SUBBASE THICKNESS VARIES UNDER SHOULDER; SEE STD 482001



EXISTING VANDEBROOK DRIVE

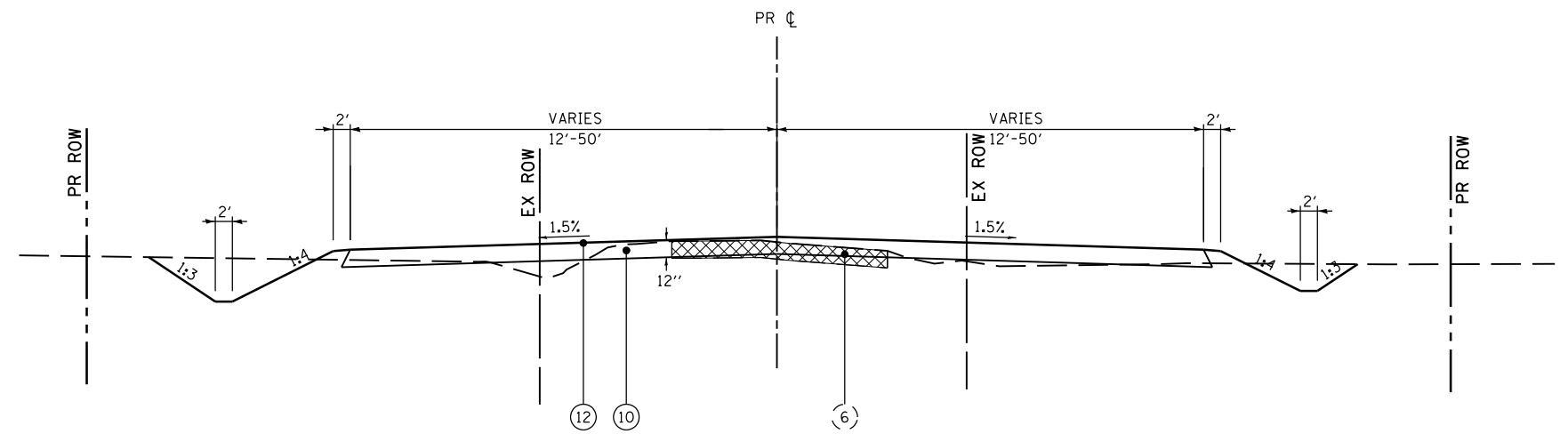
STA 60+13.17 TO STA 65+49.97
STA 73+15.68 TO STA 75+35.00

LEGEND

- (1) EXISTING HMA PAVEMENT 13-3/4"
- (2) EXISTING HMA SHOULDERS 8"
- (3) EXISTING SUBBASE GRANULAR MATERIAL
- (4) EXISTING LIME STABILIZED SOIL 12"
- (5) EXISTING PIPE UNDERDRAIN
- (6) EXISTING OIL & CHIP PAVEMENT

- (1) PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "D", N90
- (2) PROPOSED POLYMERIZED HMA BINDER COURSE, MIX "D", N90
- (3) PROPOSED HMA BINDER COURSE, IL 19.0 FG, N90
- (4) PROPOSED HMA BASE COURSE, 6 3/4"
- (5) PROPOSED HMA BASE COURSE, 8 3/4"
- (6) PROPOSED HMA SURFACE COURSE, MIX "C", N50 (3")
- (7) PROPOSED HMA SHOULDER 6"
- (8) PROPOSED HMA SHOULDER 8"
- (9) PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- (10) PROPOSED SUBBASE GRANULAR MATERIAL, TYPE A
- (11) PROPOSED AGGREGATE SURFACE COURSE, TYPE A 8"
- (12) BITUMINOUS SURFACE TREATMENT A-3
- (13) PROPOSED PCC SIDEWALK 4"
- (14) PROPOSED PIPE UNDERDRAINS
- (15) PROPOSED STRIP REFLECTIVE CRACK CONTROL
- (16) HMA SURFACE REMOVAL, 1"
- (17) PROPOSED HMA SURFACE REMOVAL, 2"

XXXX TO BE REMOVED



EXISTING VANDEBROOK ROAD

STA 65+49.97 TO STA 66+82.68

LAST SAVED = 10/3/2012 10:24:41 AM
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		DRAWN -	REVISED -
	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/4/2012 5:10:21 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HORNER &
SHIFRIN, INC.
ENGINEERS**

SCALE: NONE

TYPICAL SECTIONS	
EXISTING VANDEBROOK DRIVE	
SHEET NO. 7 OF 7 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	22
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				

AGGREGATE							
LOCATION	STATION			STONE RIPRAP, CLASS A4	FILTER FABRIC	AGGREGATE DITCH	REMOVE EXISTING RIPRAP
				TON	SQ YD	TON	SQ YD
VANDEBROOK DRIVE	287+00.00 TO 288+50.00		RIGHT	300		150.00	
	288+50.00		LEFT	792	300		
	288+50.00 TO 293+09.00		RIGHT		816	408	
IL ROUTE 3	293+68.50 TO 298+91.00		RIGHT		929	459	
	1982+70.39 TO 1983+12.06	93.26	LEFT				72
	1992+82.79 TO 1992+91.99	41.76	LEFT				24
	1983+00.00	104	LEFT	52	26		
	1983+00.00	109	LEFT	140	70		
	1991+36.50	83	LEFT		18	9	
	1992+90.00	85	LEFT		13	6	
	1994+34.02 TO 1994+44.35	41	LEFT				26
	1994+40.00	89	LEFT		11	5	
TOTAL				984	2482	1037	122

SEEDING									
LOCATION	STATION			SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHOROUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	EROSION CONTROL BLANKET
				ACRE	POUND	POUND	POUND	ACRE	SQ YD
VANDEBROOK DRIVE	265+50.00 TO 270+87.36		RIGHT	0.79	71	71	71	0.75	200
	265+36.12 TO 280+10.00		LEFT	1.08	97	97	97	1.00	357
	270+58.83 TO 280+10.00		RIGHT	0.82	74	74	74	0.66	799
	280+40.00 TO 282+10.00		LEFT	0.15	14	14	14	0.15	
	280+40.00 TO 282+10.00		RIGHT	0.16	14	14	14	0.09	329
	282+40.00 TO 293+25.00		RIGHT	0.93	84	84	84	0.72	998
	282+40.00 TO 293+25.00		LEFT	1.15	104	104	104	1.07	402
	288+82.50		LEFT	0.05	5	5	5	0.05	
	293+55.00 TO 299+21.26		RIGHT	0.55	50	50	50	0.55	
	293+55.00 TO 299+35.06		LEFT	0.54	49	49	49	0.44	489
	300+64.51 TO 302+78.08		RIGHT	0.23	21	21	21	0.23	
	300+80.65 TO 303+88.45		LEFT	0.14	13	13	13	0.14	
	302+96.21 TO 307+16.05		RIGHT	0.14	13	13	13	0.14	
	304+18.45 TO 305+64.81		LEFT	0.04	4	4	4	0.04	
305+77.18 TO 307+16.05		LEFT	0.04	4	4	4	0.04		
SOUTH MARKET PRIVATE DRIVE	- TO -		RIGHT	0.17	15	15	15	0.17	
	- TO -		LEFT	0.12	11	11	11	0.12	
IL ROUTE 3	1966+46.00 TO 1967+89.37		LEFT	0.16	14	14	14	0.16	
	1968+03.31 TO 1971+94.50		LEFT	0.33	30	30	30	0.33	
	1972+24.90 TO 1978+87.64		LEFT	0.74	67	67	67	0.60	686
	1966+46.00 TO 1979+53.55		RIGHT	1.33	120	120	120	1.18	758
	1980+37.90 TO 1985+43.00		LEFT	0.63	57	57	57	0.63	
	1980+77.22 TO 1995+76.51		RIGHT	1.10	99	99	99	0.92	879
	1985+73.49 TO 1995+76.51		LEFT	0.94	85	85	85	0.79	735
	60+17.37 TO 66+82.68		-	0.66	59	59	59	0.55	559
TOTAL				12.99	1169	1169	1169	11.52	7191
PAY				13.25				11.50	

DRAINAGE STRUCTURES					
LOCATION	STATION		MANHOLES, TYPE A, 4' DIAMETER, w/ MEDIAN INLET (Std 604101)	INLETS, SPECIAL, WITH SPECIAL FRAME AND GRATE	
				EACH	EACH
VANDEBROOK DRIVE	288+58.14	35.54 LT	1		
IL ROUTE 3	1982+99.61	65.28 LT	1		
	1983+00.10	104.27 LT			1
TOTAL			2		1

INLET & PIPE PROTECTION				
LOCATION	STATION		INLET & PIPE PROTECTION	
				EACH
VANDEBROOK DRIVE	265+51.28	23 RIGHT	1	
	266+06.86	30 LEFT	1	
	279+95.33	40 RIGHT	1	
	279+98.45	34 LEFT	1	
	281+92.38	41 RIGHT	1	
	281+99.93	34 LEFT	1	
	288+39.62	37 RIGHT	1	
	288+56.26	35 LEFT	1	
	293+73.81	55 RIGHT	1	
	293+63.95	33 LEFT	1	
VANDEBROOK ACCESS ROAD	91+87.62	37 LEFT	1	
	92+24.92	33 LEFT	1	
SOUTH MARKET STREET	303+06.88	45 RIGHT	1	
	304+27.62	37 LEFT	1	
IL ROUTE 3	1958+43.88	28 LEFT	1	
	1967+66.80	39 LEFT	1	
	1971+81.51	48 LEFT	1	
	1977+82.89	96 RIGHT	1	
	1978+05.85	254 RIGHT	1	
	1979+64.17	110 RIGHT	1	
	1982+97.79	96 RIGHT	1	
	1982+99.31	65 LEFT	1	
	TOTAL			22

CULVERTS																			
LOCATION	STATION			PRECAST CONCRETE BOX CULVERT 8 X 4	PIPE CULVERTS						CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS	CONCRETE COLLAR	PIPE CULVERT REMOVAL	REMOVE EXISTING FLARED END SECTION	TRENCH BACKFILL				
					CLASS D, TYPE 1			CLASS A, TYPE 2								END SECTIONS			
					EQUIVALENT ROUND SIZE			EQUIVALENT ROUND SIZE								EQUIVALENT ROUND SIZE			
VANDEBROOK DRIVE	265+77.07	31	LT													12			
	280+25.00	34	LT																
	280+25.00	40	RT																
	282+25.00	34	LT																
	282+25.00	41	RT																
VANDEBROOK ACCESS ROAD	288+50.00	0	-	230															
	293+39.73	33	LT																
	293+40.00	55	RT				47												
SOUTH MARKET STREET	91+86.14	0	RT													12			
	92+24.66	0	RT													12			
	300+83.19	85	RT													6			
	301+04.00	243	LT																
	301+52.92	44	RT													50			
SOUTH MARKET PRIVATE DRIVE	301+54.45	50	LT													40			
	302+84.34	40	RT													52			
	304+02.50	36	LT																
	23+64.00	0	RT																
	1967+93.91	39	LT																
IL ROUTE 3	1972+11.72	50	LT																
	1972+12.19	42	LT																
	1977+85.74	87	RT																
	1977+98.27	59	RT																
	1982+99.09	61	RT																
EX VANDEBROOK DRIVE	1982+99.46	83	RT																
	60+29.79	0	RT																
	60+30.68	32	LT																
TOTAL				230	377	173	85	47	23	25	17	8	4	2	1	0.6	303	1	42

PRECAST BOX CULVERT (ASTM C 1577)					
LOCATION	STATION	SKEW	DESIGN FILL (FT)		REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL FOR (CU YD)
			EDGE OF SHLDR	MAXIMUM	
VANDEBROOK DRIVE	288+50.00	14	4.20	5.68	283

LAST SAVED = 10/11/2012
 PEN TABLE = 10/11/2012
 PLOT DRIVER = pdfplotlayerbwin.ctb

FILE NAME =	USER NAME = jepettibone	DESIGNED -	REVISED -
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	PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/11/2012 12:52:44 PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORNER & SHIRIN, INC.
ENGINEERS

SCHEDULES OF QUANTITIES
 AGGREGATE, SEEDING, DRAINAGE STRUCTURES, CULVERTS,
 PRECAST BOX CULVERT, INLET & PIPE PROTECTION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76F51	

SCALE: NONE SHEET NO. 2 OF 7 SHEETS STA. TO STA.

STORM SEWERS													
LOCATION	STATION				PRECAST REINFORCED CONCRETE FLARED END SECTIONS				CLASS A		REMOVE EXISTING FLARED END SECTION		
					18 INCH		24 INCH		TYPE 2			FOOT	FOOT
					EACH	EACH	FOOT	FOOT	FOOT	FOOT			
IL ROUTE 3	1982+98.24	86	RT										
	1982+99.46	84	LT								1		
	1982+99.09	61	RT										
	1982+99.61	65.28	LT TO 1983+00.10	104.27	LT					39			
	1983+00.10	104.27	LT TO 1983+00.32	123.55	LT	1			19				
TOTAL					1	1		19	39		1		

PIPE UNDERDRAINS															
LOCATION	STATION				SIDE	PIPE UNDERDRAINS 4"		CONCRETE HEADWALLS FOR PIPE DRAINS	PIPE UNDERDRAIN REMOVAL	REMOVE CONCRETE HEADWALL	TRENCH BACKFILL				
						FOOT	FOOT					EACH	FOOT	EACH	CU YD
						FOOT	FOOT					EACH	FOOT	EACH	CU YD
IL ROUTE 3	1966+45.00	12	TO 1969+50.00	19	LT	305	20								
	1966+45.00	12	TO 1969+50.00	19	RT	305	23								
	1966+46.00		TO 1995+76.51		LT/RT				5861		0				
	1969+50.00	19	TO 1974+50.00	30	LT	500	16	1							
	1969+50.00	19	TO 1974+50.00	30	RT	500	16	1							
	1971+49.93	36			LT				20	1	4				
	1974+50.00	30	TO 1979+10.00	58	LT	460	17	1							
	1974+50.00	30	TO 1979+10.00	49	RT	468	21	1							
	1978+19.23	52			LT				28	1	3				
	1981+76.50	50	TO 1985+76.50	30	LT	400	19	1							
	1981+76.50	47	TO 1985+76.50	30	RT	400	16	1							
	1983+09.06	33			RT				20	1	5				
	1983+12.41	60			LT				35	1	3				
	1985+76.50	30	TO 1990+76.50	30	LT	500	16	1							
	1985+76.50	30	TO 1990+76.50	30	RT	500	16	1							
	1987+98.04	33			LT				20	1	3				
	1987+99.59	37			RT				21	1	3				
	1990+76.50	30	TO 1995+76.50	30	LT	500	16	1							
	1990+76.50	30	TO 1995+76.50	30	RT	500	16	1							
	1992+98.05	32			RT				20	1	3				
1992+98.09	32			LT				20	1	868					
TOTAL						5338	212	12	6045	8	892				

TEMPORARY EROSION CONTROL												
LOCATION	STATION				TEMPORARY EROSION CONTROL SEEDING	PERIMETER EROSION BARRIER	TEMPORARY EROSION CONTROL BLANKET	TOTAL				
									POUND	FOOT	SQ YD	
									POUND	FOOT	SQ YD	
VANDEBROOK DRIVE	265+50.00	TO 270+87.36	RIGHT		79		200					
	265+36.12	TO 280+10.00	LEFT		108	1354	357					
	270+58.83	TO 280+10.00	RIGHT		82							
	274+00.00	TO 279+99.00	RIGHT				799					
	280+40.00	TO 282+10.00	LEFT		15	170						
	280+40.00	TO 282+10.00	RIGHT		16		329					
	282+40.00	TO 293+25.00	RIGHT		93		998					
	282+40.00	TO 293+25.00	LEFT		115	1216	402					
	288+82.50		LEFT		5							
	293+55.00	TO 299+21.26	RIGHT		55							
	293+55.00	TO 299+35.06	LEFT		54	485	489					
	300+64.51	TO 302+78.08	RIGHT		23	209						
	300+80.65	TO 303+88.45	LEFT		14							
	302+96.21	TO 307+16.05	RIGHT		14							
	304+18.45	TO 305+64.81	LEFT		4							
305+77.18	TO 307+16.05	LEFT		4								
SOUTH MARKET PRIVATE ENTRANCE			RIGHT	17								
			LEFT	12								
IL ROUTE 3	1966+46.00	TO 1967+89.37	LEFT		16							
	1968+03.31	TO 1971+94.50	LEFT		33							
	1972+24.90	TO 1978+87.64	LEFT		74		686					
	1966+46.00	TO 1979+53.55	RIGHT		133		758					
	1980+37.90	TO 1985+43.00	LEFT		63							
	1980+74.26	TO 1982+92.46	LEFT			258						
	1980+77.22	TO 1995+76.51	RIGHT		110							
	1981+00.00	TO 1984+50.00	RIGHT				233					
	1983+10.31	TO 1985+31.99	LEFT			276						
	1985+73.49	TO 1995+76.51	LEFT		94							
	1985+81.19	TO 1987+01.61	LEFT			112						
	1987+50.00	TO 1995+76.51	LEFT				735					
	1988+50.00	TO 1995+76.51	RIGHT				646					
	1992+00.00	TO 1995+76.51	RIGHT			382						
	EX VANDEBROOK DRIVE				66							
60+17.37	TO 66+82.68											
60+39.50	TO 66+88.00	LEFT				559						
TOTAL				1299	4462	7191						
				PAY	4461							

TEMPORARY DITCH CHECKS														
LOCATION	STATION				TEMPORARY DITCH CHECKS	FOOT	LOCATION	STATION				TEMPORARY DITCH CHECKS		
													FOOT	FOOT
VANDEBROOK DRIVE	266+42.00	28	LEFT		25		IL ROUTE 3	1967+96.00	38	RIGHT	25			
	266+50.00	23	RIGHT		25			1969+02.00	42	LEFT	25			
	267+18.00	18	LEFT		25			1969+46.00	42	RIGHT	25			
	267+50.00	27	RIGHT		25			1970+54.00	45	LEFT	25			
	267+94.00	28	LEFT		25			1971+25.00	50	RIGHT	25			
	268+50.00	33	RIGHT		25			1972+00.00	53	RIGHT	25			
	268+70.00	28	LEFT		25			1972+73.00	58	LEFT	25			
	269+46.00	28	LEFT		25			1973+00.00	60	RIGHT	25			
	269+50.00	38	RIGHT		25			1973+04.00	65	LEFT	25			
	270+22.00	28	LEFT		25			1975+35.00	69	LEFT	25			
	270+98.00	28	LEFT		25			1973+66.00	72	LEFT	25			
	271+50.00	29	RIGHT		25			1974+00.00	68	RIGHT	25			
	271+74.00	28	LEFT		25			1974+86.00	76	LEFT	25			
	273+00.00	39	RIGHT		25			1975+00.00	73	RIGHT	25			
	273+24.00	29	LEFT		25			1975+66.00	80	LEFT	25			
	274+50.00	40	RIGHT		25			1976+00.00	78	RIGHT	25			
	274+74.00	34	LEFT		25			1976+41.00	84	LEFT	25			
	276+00.00	40	RIGHT		25			1977+00.00	78	RIGHT	25			
	276+24.00	34	LEFT		25			1977+16.00	86	LEFT	25			
	277+50.00	40	RIGHT		25			1978+00.00	90	RIGHT	25			
	277+74.00	34	LEFT		25			1979+00.00	98	RIGHT	25			
	279+00.00	40	RIGHT		25			1981+30.00	80	RIGHT	25			
	279+24.00	34	LEFT		25			1981+67.00	79	RIGHT	25			
	281+25.00	34	LEFT		25			1982+00.00	58	LEFT	25			
	283+50.00	42	RIGHT		25			1982+25.00	84	RIGHT	25			
	283+74.00	34	LEFT		25			1983+50.00	82	RIGHT	25			
	285+00.00	42	RIGHT		25			1984+00.00	74	RIGHT	25			
	285+24.00	34	LEFT		25			1984+50.00	66	RIGHT	25			
	286+50.00	44	RIGHT		25			1985+00.00	56	RIGHT	25			
	286+74.00	35	LEFT		25			1985+84.00	54	RIGHT	25			
	288+00.00	49	RIGHT		25			1986+43.00	54	LEFT	25			
	288+24.00	36	LEFT		25			1986+70.00	54	RIGHT	25			
	288+62.00	49	RIGHT		25			1987+28.00	54	LEFT	25			
	288+97.00	36	LEFT		25			1987+55.00	54	RIGHT	25			
	289+12.00	50	RIGHT		25			1988+13.00	54	LEFT	25			
	289+45.00	34	LEFT		25			1988+40.00	54	RIGHT	25			
	289+62.00	48	RIGHT		25			1988+98.00	54	LEFT	25			
	289+93.00	33	LEFT		25			1989+25.00	54	RIGHT	25			
	290+12.00	48	RIGHT		25			1989+83.00	54	LEFT	25			
	290+41.00	33	LEFT		25			1990+10.00	54	RIGHT	25			
	290+62.00	48	RIGHT		25			1990+68.00	54	LEFT	25			
	290+89.00	33	LEFT		25			1990+95.00	54	RIGHT	25			
	291+12.00	48	RIGHT		25			1991+53.00	54	LEFT	25			
	291+37.00	33	LEFT		25			1991+75.00	83	LEFT	25			
	291+62.00	48	RIGHT		25			1991+80.00	54	RIGHT	25			
	291+85.00	33	LEFT		25			1992+36.00	84	LEFT	25			
	292+12.00	50	RIGHT		25			1992+38.00	54	LEFT	25			
	292+33.00	33	LEFT		25			1992+65.00	54	RIGHT	25			
	292+62.00	52	RIGHT		25			1992+91.00	83	LEFT	25			
	292+81.00	33	LEFT		25			1993+23.00	54	LEFT	25			
	294+12.00	57	RIGHT		25			1993+46.00	84	LEFT	25			
	294+25.00	33	LEFT		25			1993+50.00	54	RIGHT	25			
	294+62.00	58	RIGHT		25			1993+91.00	55	RIGHT	25			
	294+73.00	33	LEFT		25			1994+01.00	84	LEFT	25			
	295+12.00	59	RIGHT		25			1994+08.00	54	LEFT	25			
295+21.00	34	LEFT		25		1994+40.00	55	RIGHT	25					
295+62.00	62	RIGHT		25		1994+56.00	88	LEFT	25					
295+69.00	34	LEFT		25		1994+93.00	54	LEFT	25					
296+12.00	64	RIGHT		25		1995+10.00	56	RIGHT	25					
296+17.00	35	LEFT		25		1995+11.00	86	LEFT	25					
296+62.00	65	RIGHT		25		1995+66.00	80	LEFT	25					
296+65.00	37	LEFT		25		1995+78.00	54	LEFT	25					
297+10.00	38	LEFT		25		1995+85.00	52	RIGHT	25					
297+12.00	69	RIGHT		25		EX VANDEBROOK DRIVE	61+25.00	16	LEFT	25				
297+48.00	37	LEFT		25			6							

SIGNING							
LOCATION	STATION	TYPE	LEGEND	SIGN PANEL		WOOD SIGN SUPPORT	
				TYPE 1	TYPE 2		
				SO FT	SO FT	FOOT	
VANDEBROOK DRIVE	265+71.25	38 LT	-	CYCLISTS DISMOUNT	2		14
	266+00.00	30 RT	R2-1	SPEED LIMIT 35	5		15
	266+25.00	28 LT	R5-3	NO MOTOR VEHICLES	4		14
	294+00.00	30 RT	W3-3	SIGNAL AHEAD	6		16
	297+50.00	36 LT	R2-1	SPEED LIMIT 35	5		15
	298+04.65	48 RT	R3-1100R	RIGHT TURN LANE	4		14
	298+50.00	48 RT	M6-4	LEFT/RIGHT ARROW	3		15
			M1-1100	ILLINOIS 3	4		15
				GREAT RIVER ROAD	4		15
				CYCLISTS DISMOUNT	2		14
EX VANDEBROOK DRIVE	299+24.00	64 LT	-	CYCLISTS DISMOUNT	2		14
	65+43.00	0 RT	OM4-1	OBJECT MARKER	2		14
	65+43.00	0 RT	R11-2	ROAD CLOSED		10	29
	65+43.00	0 RT	OM4-1	OBJECT MARKER	2		14
VANDEBROOK ACCESS ROAD	72+78.00	23 RT	R1-1	STOP	6		15
	90+25.00	28 LT	R1-1	STOP	6		15
	90+50.00	28 RT	W14-1	DEAD END	6		16
				61	10	220	
IL ROUTE 3	1961+00.00	30 RT	W3-5	SPEED LIMIT 45 AHEAD	9		16
	1966+50.00	30 LT	R2-1	SPEED LIMIT 55	8		15
	1966+50.00	31 RT	R2-1	SPEED LIMIT 45	8		15
	1972+00.00	45 RT	W3-3	SIGNAL AHEAD	9		17
			W16-8a	VANDEBROOK / S MARKET	6		17
	1974+00.00	48 LT	D2-2	RED BUD 12 / CHESTER 37			29
	1974+56.00	50 LT	W4-2	LANE ENDS	9		16
	1976+00.00	50 LT	M3-1	SOUTH	2		15
			M-1100	ILLINOIS 3	4		15
				GREAT RIVER ROAD	4		15
	1976+56.11	60 RT	R3-1100R	RIGHT TURN LANE	4		14
	1977+00.00	50 LT	R2-1	SPEED LIMIT 45	8		15
	1977+95.00	50 LT	W9-1	RIGHT LANE ENDS	9		16
	1981+50.00	50 RT	W9-1	RIGHT LANE ENDS	9		16
	1982+50.00	50 RT	M3-1	NORTH	2		15
			M-1100	ILLINOIS 3	4		15
				GREAT RIVER ROAD	4		15
	1983+00.00	50 RT	W4-2	LANE ENDS	9		16
	1983+36.51	60 LT	R3-1100R	RIGHT TURN LANE	4		14
	1983+50.00	50 RT	R2-1	SPEED LIMIT 45	8		15
	1986+00.00	50 LT	W3-3	SIGNAL AHEAD	9		17
			W16-8a	S MARKET / VANDEBROOK	6		17
				135	0	261	
SOUTH MARKET STREET	301+50.00	40 RT	W1-1L	LEFT CURVE	6		15
			W13-1	25 M.P.H.	2		15
	301+50.00	48 LT	M6-4	LEFT/RIGHT ARROW	3		15
			M1-1100	ILLINOIS 3	4		15
				GREAT RIVER ROAD	4		15
	302+46.05	48 LT	R3-1100R	RIGHT TURN LANE	4		14
	302+50.00	40 RT	(4) W1-8R	4 CHEVRONS	12		28
304+50.00	35 LT	M2-1	JCT	3		15	
		M1-1100	ILLINOIS 3	4		15	
304+50.00	35 RT	R2-1	SPEED LIMIT 45	8		15	
306+50.00	28 LT	W3-3	SIGNAL AHEAD	9		16	
				59	0	118	
TRAFFIC SIGNALS	-	-	(4) R10-12	LEFT TURN YIELD ON GREEN	20		
	-	-	R10-4B(L)	PUSH BUTTON FOR <-	1		
	-	-	(3) R10-4B(R)	PUSH BUTTON FOR ->	3		
				24	0	0	
TRAFFIC SIGNS "D" SERIES SIGNS TO BE ZZ SHEETING	1974+00.00	48 LT	D2-2	RED BUD 12 / CHESTER 37			13
	-	-	D3-1	<- S MARKET / VANDEBROOK ->			20
	-	-	D3-1	<- VANDEBROOK / S MARKET ->			20
				0	53	0	
TOTAL				279	63	599	

SECTION MARKERS				
LOCATION	STATION	SECTION CORNER MARKERS	EACH	
SOUTH MARKET STREET	306+50.43	2.33 LT	1	
IL ROUTE 3	1968+00.80	0.00 LT	1	
TOTAL			2	

MAILBOX				
LOCATION	STATION	RELOCATE EXISTING MAILBOX	EACH	
S. MARKET	301+76.46	30.50 RIGHT	1	
TOTAL			1	

SIGN REMOVAL										
LOCATION	STATION	LEGEND	REMOVE SIGN PANEL ASSEMBLY		REMOVE SIGN PANEL		RELOCATE SIGN PANEL ASSEMBLY	RELOCATE SIGN PANEL	REMOVE GROUND MOUNTED SIGN SUPPORT	
			TYPE A	TYPE B	TYPE 1	TYPE 2	TYPE A	TYPE 1	EACH	
			EACH	EACH	SO FT	SO FT	EACH	SO FT	EACH	
SOUTH MARKET STREET	301+02.53	31.79 RIGHT		1						1
	301+11.83	34.47 LEFT		1						1
IL ROUTE 3	302+40.85	38.49 RIGHT		1						1
	304+23.32	36.51 LEFT	1							1
	304+26.66	34.22 RIGHT		1						1
	306+54.31	20.68 LEFT	1							1
	1950+06.63	25.16 RIGHT		1						1
	1965+93.70	28.56 LEFT		1						1
	1971+90.69	31.94 RIGHT		1						1
	1974+00.79	43.15 LEFT		1						1
1974+76.95	34.06 RIGHT		1						1	
1977+48.75	44.04 LEFT		1						1	
1977+71.40	36.03 RIGHT					1	4		1	
1978+37.84	51.07 LEFT		1						1	
1980+00.70	49.65 LEFT		1						1	
1982+64.73	30.60 RIGHT		1						1	
1982+44.14	49.42 LEFT					1	4		1	
1984+00.33	30.66 RIGHT		1						1	
1985+99.16	39.82 LEFT		1						1	
EX VANDEBROOK DRIVE	60+34.77	17.43 LEFT		1						1
	60+38.97	23.14 LEFT		1						1
	61+37.32	18.43 RIGHT		1						1
TOTAL			10	10	163	25	2	8	22	

SURVEY MARKERS		
LOCATION	STATION	PERMANENT SURVEY MARKERS, TYPE I
VANDEBROOK DRIVE	267+05.10	1
	273+76.45	1
	286+22.25	1
	292+81.98	1
	295+08.53	1
	297+87.62	1
SOUTH MARKET STREET	301+53.64	1
	303+79.22	1
IL ROUTE 3	1969+48.90	1
TOTAL		9

SIDEWALK				
LOCATION	STATION	PORTLAND CEMENT CONCRETE SIDEWALK, 4"	DETECTABLE WARNINGS	PROTECTIVE COAT
		SO FT	SO FT	SO FT
VANDEBROOK DRIVE	299+36.70	58 LT		12.0
	299+42.68	28 RT		12.0
	299+47.79	37 RT		12.0
	299+52.29	39 LT		12.0
	299+55.88	30 LT		12.0
SOUTH MARKET STREET	300+31.36	38 RT		12.0
	300+46.98	41 RT		12.0
	300+64.51	67 TO 302+76.84	50 RT	1527.5
TOTAL			1527.5	108.0
				170

CURB & GUTTER / MEDIAN						
LOCATION	STATION	COMBINATION CURB & GUTTER, TYPE B-6.24	CONCRETE MEDIAN SURFACE, 4"	PROTECTIVE COAT	PAINT CURB	PRISMATIC CURB REFLECTOR
VANDEBROOK DRIVE	299+18.88	28 TO 299+41.70	59 RT	35.5	12	36
	299+18.88	24 TO 299+56.05	24 RT	30.0	424	57
	299+33.95	26 TO 299+69.64	26 LT	29.0		10
	299+33.95	30 TO 299+77.38	73 LT	51.5	511	74
SOUTH MARKET STREET	300+22.36	68 TO 300+63.83	33 RT	46.5	432	64
	300+29.42	29 TO 300+63.83	29 RT	28.0		9
	300+29.42	29 TO 300+63.83	29 RT	28.0		9
IL ROUTE 3	1979+26.73	36 TO 1979+64.95	36 LT	30.0		10
	1979+40.6	36 TO 1979+79.89	36 RT	31.5		11
	1980+17.5	36 TO 1980+66.02	36 LT	37.5		13
TOTAL				319.5	1367	260
						283
						49

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORNER &
SHIRIN, INC.
ENGINEERS

SCHEDULES OF QUANTITIES
SIGNING, SIGN REMOVAL, SURVEY MARKERS, SIDEWALK,
SECTION MARKERS, CURB & GUTTER / MEDIAN, MAILBOX

F.A.U. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	26
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76F51	

SCALE: NONE SHEET NO. 4 OF 7 SHEETS STA. TO STA.

PAVEMENT MARKING																			
LOCATION	STATION	SIDE	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B					GROOVING FOR RECESSED PAVEMENT MARKING	RAISED REFLECTIVE PAVEMENT MARKER EACH	PAINT PAVEMENT MARKING		TEMPORARY PAVEMENT MARKING				SHORT TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL		
			LETTERS & SYMBOLS	LINE						5 INCH	LINE		LETTERS & SYMBOLS	LINE					
				SO FT	4 INCH FOOT	8 INCH FOOT	12 INCH FOOT				24 INCH FOOT	4 INCH FOOT		12 INCH FOOT	4 INCH FOOT			8 INCH FOOT	12 INCH FOOT
PRE STAGE CONFIGURATION																			
IL ROUTE 3	1946+00.00 TO 1995+76.51	LT												2913			116	1007	
	1946+00.00 TO 1969+57.06	-												622			32	216	
	1946+00.00 TO 1979+58.64	RT												1321			52	457	
	1969+57.06 TO 1979+72.95	LT												2030			100	708	
	1969+57.06 TO 1979+72.95	RT												1998			100	697	
	1976+95.98 TO 1979+63.14	RT												268			27	98	
	1979+64.43	RT															38	76	
	1980+35.60	LT															12	24	
	1980+36.32 TO 1981+60.39	LT												123			12	45	
	1980+59.96	LT															12	24	
	1980+60.04 TO 1995+76.51	-												3034			152	1056	
	1980+61.08 TO 1995+76.51	RT												1528			152	556	
	1981+70.26 TO 1989+51.37	LT												1560			32	531	
STAGE 1 CONFIGURATION																			
EX VANDEBROOK DRIVE	75+07.94 TO 78+90.54	RT												383				128	
	75+07.94 TO 78+90.54	-												766				255	
	76+14.32 TO 78+90.54	LT												276				92	
STAGE 2 CONFIGURATION																			
SOUTH MARKET STREET	300+24.63 TO 307+16.05	RT												713				28	
	300+52.57 TO 307+16.05	LT												660				28	
	300+46.50 TO 302+06.15	LT												324				16	
	300+46.50 TO 302+06.15	RT												322				16	
	300+65.33	LT																28	
	302+06.15 TO 307+16.05	-												1020				52	
FINAL CONFIGURATION																			
VANDEBROOK DRIVE	265+50.00 TO 299+45.79	LT												3386				136	
	265+50.00 TO 294+09.65	-							3386					5720				288	
	265+50.00 TO 270+64.51	RT							525					525				20	
	271+33.03 TO 299+18.81	RT							2802					2802				112	
	294+09.65 TO 299+22.27	LT							1018					1018				52	
	294+09.65 TO 298+04.65	RT							794					794				40	
	294+09.65 TO 298+04.65	-							39					39				141	
	296+49.65 TO 298+04.65	RT							40					40				13	
	298+85.43 TO 299+63.97	RT																116	
	296+49.65 TO 298+04.65	RT																13	
	298+04.65 TO 298+85.43	RT							81					81				8	
	298+04.65 TO 299+36.79	RT							132					132				13	
	298+85.43 TO 299+40.90	RT																37	
	298+85.43 TO 1978+92.24	RT																101	
	299+10.47 TO 299+49.07	LT							39					39				67	
	299+10.47 TO 299+73.74	LT																39	
	299+10.47 TO 1981+03.36	LT																53	
	299+22.27	-																120	
	298+24.00	RT	15.6															12	
	298+24.00	RT	15.6															16	
	298+98.50	RT	15.6															16	
	299+05.00	RT	15.6															16	
	299+26.01	RT																16	
	299+34.67 TO 299+47.36	LT																16	
	299+36.79	RT																20	
	299+39.97 TO 299+52.68	LT																20	
	299+45.49	-																51	
	299+49.10 TO 299+63.97	RT																51	
	299+52.67	-																15	
	299+57.27 TO 299+73.74	LT																51	
VANDEBROOK ACCESS ROAD	90+32.05 TO 92+03.28	-																16	
SOUTH MARKET STREET	300+26.21 TO 301+02.59	RT							171					171				12	
	300+26.21 TO 301+02.59	RT																76	
	1978+99.21 TO 300+48.67	RT																149	
	300+35.74 TO 300+85.83	LT																75	
	300+35.74 TO 300+85.83	LT																50	
	1980+85.74 TO 300+85.83	LT																71	
	300+46.54 TO 300+64.12	RT																90	
	300+51.89	LT																71	
	300+51.89 TO 302+46.05	LT																28	
	300+52.08 TO 300+69.67	RT							192					192				12	
	300+55.00 TO 301+02.59	RT																19	
	300+55.62 TO 307+16.05	RT																28	
	300+63.77	LT																4	
	300+72.22 TO 307+16.05	LT							679					679				28	
	300+85.83 TO 302+46.05	LT																55	
	300+81.59	-																4	
	300+81.59 TO 307+16.05	RT																679	
	301+10.00	LT	15.6															18	
	301+10.00	LT	15.6															634	
	302+05.00	LT	15.6															154	
	302+05.00	LT	15.6															5	
	302+46.05 TO 304+20.88	LT																1280	
	302+46.05 TO 304+20.88	LT																12	
	302+46.05 TO 307+16.05	LT																1280	
	302+47.54 TO 307+16.05	-																18	
			124.8	18671	673	861	82	18671	112	0	0	124.8	38532	673	861	172	1802	15129	

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 PEN TABLE = 10/11/2012
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		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



SCHEDULES OF QUANTITIES
 PAVEMENT MARKING

SCALE: NONE SHEET NO. 6 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	28
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				

BENCHMARKS

BM 133	SET RR SPIKE ON EAST SIDE OF POWER POLE ON THE WEST SIDE OF IL ROUTE 3 +/- 0.1 MILES SOUTH OF INTERSECTION OF IL ROUTE 3 AND SOUTH MARKET STREET. ELEV. = 696.58'
BM 150	SET RR SPIKE ON EAST SIDE OF A POWER POLE ON THE WEST SIDE OF IL ROUTE 3 +/- 166' SOUTH OF PERSONAL ENTRANCE, HOUSE NUMBER 1301. ELEV. = 711.200'
BM 151	SET RR SPIKE ON NORTH SIDE OF A POWER POLE ON THE SOUTH SIDE OF VANDEBROOK DRIVE +/- 35' WEST OF IDOT CONTROL POINT #23 AND +/- 0.2 MILES WEST OF IL ROUTE 3 AND VANDEBROOK DRIVE INTERSECTION ELEV. = 665.582'
BM 172	SET CHISELED "X" ON TOP FLANGE BOLT OF FIRE HYDRANT ON THE SOUTHEAST SIDE OF VANDEBROOK DRIVE AT THE INTERSECTION OF VANDEBROOK DRIVE AND FIELDSTONE DRIVE. ELEV = 648.76'

PROP. CURVE SUPV-4
 PI STA. = 1284+96.24
 $\Delta = 3^\circ 41' 10''$ (LT)
 $D = 3^\circ 02' 22''$
 $R = 1,885.00'$
 $T = 60.66'$
 $L = 121.28'$
 $E = 0.98'$
 P.C. STA = 1284+35.58
 P.T. STA = 1285+56.86

STA 271+00.00 ϕ RELOCATED VANDEBROOK DRIVE =
 STA 90+00.00 ϕ VANDEBROOK ACCESS ROAD

PROP. CURVE SUPV-1
 PI STA. = 1265+55.02
 $\Delta = 25^\circ 53' 26''$ (LT)
 $D = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 22.99'$
 $L = 45.19'$
 $E = 2.61'$
 P.C. STA = 1265+32.04
 P.T. STA = 1265+77.23

PROP. CURVE SUPV-2
 PI STA. = 1266+03.71
 $\Delta = 25^\circ 56' 01''$ (RT)
 $D = 49^\circ 49' 20''$
 $R = 115.00'$
 $T = 26.48'$
 $L = 52.05'$
 $E = 3.01'$
 P.C. STA = 1265+77.23
 P.T. STA = 1266+29.28

PROP. CURVE SUPV-3
 PI STA. = 1270+89.96
 $\Delta = 91^\circ 35' 04''$ (LT)
 $D = 15^\circ 51' 33''$
 $R = 361.28'$
 $T = 371.41'$
 $L = 577.48'$
 $E = 156.86'$
 P.C. STA = 1267+18.55
 P.T. STA = 1272+96.04

PROP. CURVE RELVAND2-1
 PI STA. = 271+36.88
 $\Delta = 91^\circ 35' 04''$ (LT)
 $D = 13^\circ 38' 31''$
 $R = 420.00'$
 $T = 431.78'$
 $L = 671.35'$
 $E = 182.36'$
 $e = 4.0\%$
 $T.R. = 39'$
 $S.E. RUN = 73'$
 P.C. STA = 267+05.10
 P.T. STA = 273+76.45

EXIST. CURVE CURVAN2
 PI STA. = 66+85.45
 $\Delta = 37^\circ 48' 48''$ (RT)
 $D = 37^\circ 48' 48''$
 $R = 360.00'$
 $T = 123.30'$
 $L = 237.59'$
 $E = 20.53'$
 $e = \text{----}$
 $T.R. = \text{----}$
 $S.E. RUN = \text{----}$
 P.C. STA. = 65+62.14
 P.T. STA. = 67+99.73

EXIST. CURVE CURVAN1
 PI STA. = 64+10.63
 $\Delta = 38^\circ 04' 12''$ (LT)
 $D = 19^\circ 05' 55''$
 $R = 300.00'$
 $T = 103.50'$
 $L = 199.33'$
 $E = 17.35'$
 $e = \text{----}$
 $T.R. = \text{----}$
 $S.E. RUN = \text{----}$
 P.C. STA. = 63+07.13
 P.T. STA. = 65+06.46

PROP. CURVE VANDYACCRD-1
 PI STA. = 91+10.92
 $\Delta = 52^\circ 17' 13''$ (RT)
 $D = 28^\circ 38' 52''$
 $R = 200.00'$
 $T = 98.17'$
 $L = 182.52'$
 $E = 22.79'$
 P.C. STA = 90+12.75
 P.T. STA = 91+95.27

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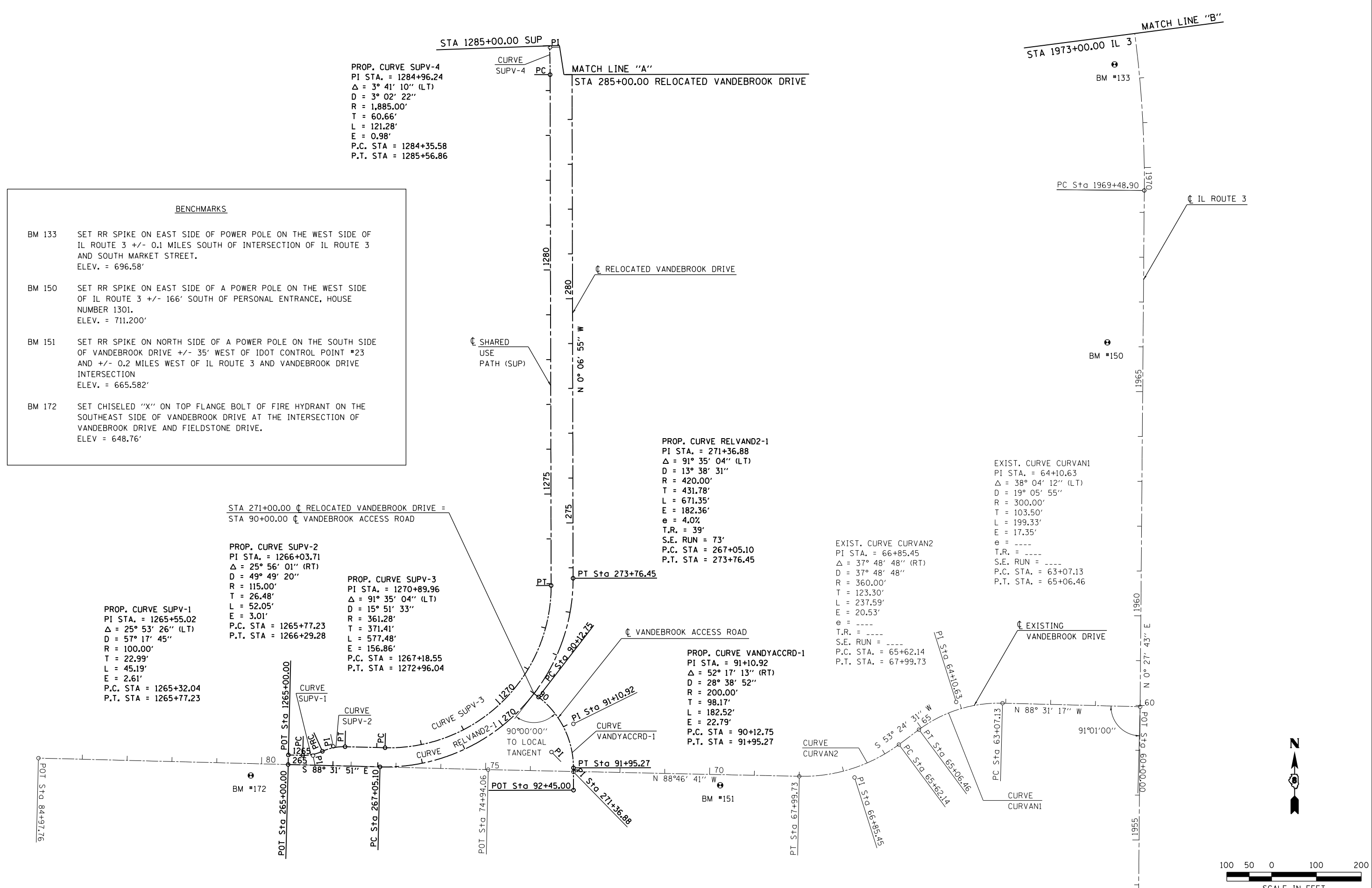
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

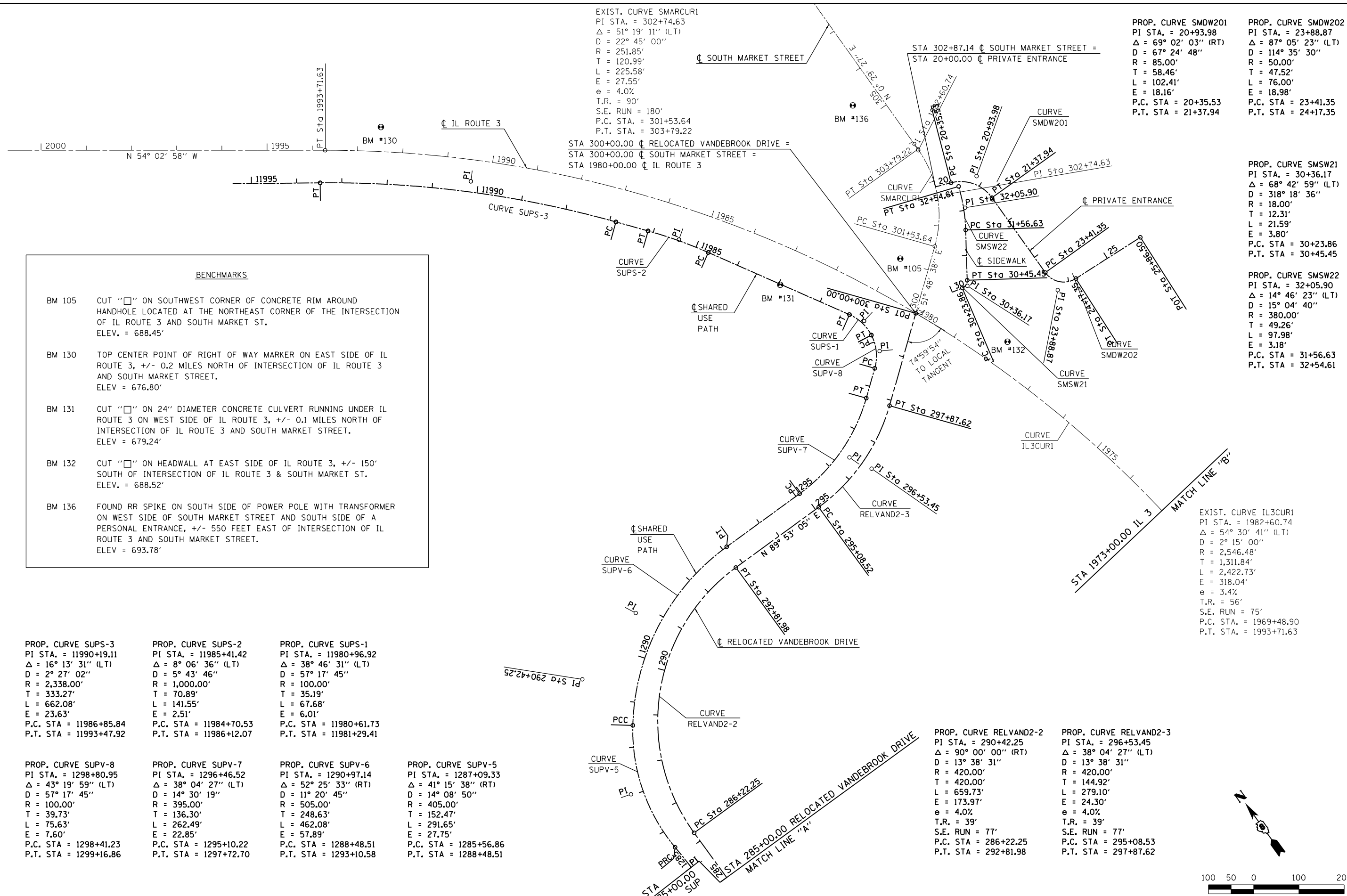


ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: 1" = 100' SHEET NO. 1 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	30
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				





BENCHMARKS

BM 105	CUT "□" ON SOUTHWEST CORNER OF CONCRETE RIM AROUND HANDHOLE LOCATED AT THE NORTHEAST CORNER OF THE INTERSECTION OF IL ROUTE 3 AND SOUTH MARKET ST. ELEV. = 688.45'
BM 130	TOP CENTER POINT OF RIGHT OF WAY MARKER ON EAST SIDE OF IL ROUTE 3, +/- 0.2 MILES NORTH OF INTERSECTION OF IL ROUTE 3 AND SOUTH MARKET STREET. ELEV = 676.80'
BM 131	CUT "□" ON 24" DIAMETER CONCRETE CULVERT RUNNING UNDER IL ROUTE 3 ON WEST SIDE OF IL ROUTE 3, +/- 0.1 MILES NORTH OF INTERSECTION OF IL ROUTE 3 AND SOUTH MARKET STREET. ELEV = 679.24'
BM 132	CUT "□" ON HEADWALL AT EAST SIDE OF IL ROUTE 3, +/- 150' SOUTH OF INTERSECTION OF IL ROUTE 3 & SOUTH MARKET ST. ELEV. = 688.52'
BM 136	FOUND RR SPIKE ON SOUTH SIDE OF POWER POLE WITH TRANSFORMER ON WEST SIDE OF SOUTH MARKET STREET AND SOUTH SIDE OF A PERSONAL ENTRANCE, +/- 550 FEET EAST OF INTERSECTION OF IL ROUTE 3 AND SOUTH MARKET STREET. ELEV = 693.78'

PROP. CURVE SUPS-3 PI STA. = 11990+19.11 Δ = 16° 13' 31" (LT) D = 2° 27' 02" R = 2,338.00' T = 333.27' L = 662.08' E = 23.63' P.C. STA = 11986+85.84 P.T. STA = 11993+47.92	PROP. CURVE SUPS-2 PI STA. = 11985+41.42 Δ = 8° 06' 36" (LT) D = 5° 43' 46" R = 1,000.00' T = 70.89' L = 141.55' E = 2.51' P.C. STA = 11984+70.53 P.T. STA = 11986+12.07	PROP. CURVE SUPS-1 PI STA. = 11980+96.92 Δ = 38° 46' 31" (LT) D = 5° 17' 45" R = 100.00' T = 35.19' L = 67.68' E = 6.01' P.C. STA = 11980+61.73 P.T. STA = 11981+29.41	
PROP. CURVE SUPV-8 PI STA. = 1298+80.95 Δ = 43° 19' 59" (LT) D = 57° 17' 45" R = 100.00' T = 39.73' L = 75.63' E = 7.60' P.C. STA = 1298+41.23 P.T. STA = 1299+16.86	PROP. CURVE SUPV-7 PI STA. = 1296+46.52 Δ = 38° 04' 27" (LT) D = 14° 30' 19" R = 395.00' T = 136.30' L = 262.49' E = 22.85' P.C. STA = 1295+10.22 P.T. STA = 1297+72.70	PROP. CURVE SUPV-6 PI STA. = 1290+97.14 Δ = 52° 25' 33" (RT) D = 11° 20' 45" R = 505.00' T = 248.63' L = 462.08' E = 57.89' P.C. STA = 1288+48.51 P.T. STA = 1293+10.58	PROP. CURVE SUPV-5 PI STA. = 1287+09.33 Δ = 41° 15' 38" (RT) D = 14° 08' 50" R = 405.00' T = 152.47' L = 291.65' E = 27.75' P.C. STA = 1285+56.86 P.T. STA = 1288+48.51

EXIST. CURVE SMARCUR1
PI STA. = 302+74.63
Δ = 51° 19' 11" (LT)
D = 22° 45' 00"
R = 251.85'
T = 120.99'
L = 225.58'
E = 27.55'
e = 4.0%
T.R. = 90'
S.E. RUN = 180'
P.C. STA. = 301+53.64
P.T. STA. = 303+79.22

PROP. CURVE SMDW201
PI STA. = 20+93.98
Δ = 69° 02' 03" (RT)
D = 67° 24' 48"
R = 85.00'
T = 58.46'
L = 102.41'
E = 18.16'
P.C. STA = 20+35.53
P.T. STA = 21+37.94

PROP. CURVE SMDW202
PI STA. = 23+88.87
Δ = 87° 05' 23" (LT)
D = 114° 35' 30"
R = 50.00'
T = 47.52'
L = 76.00'
E = 18.98'
P.C. STA = 23+41.35
P.T. STA = 24+17.35

PROP. CURVE SMSW21
PI STA. = 30+36.17
Δ = 68° 42' 59" (LT)
D = 318° 18' 36"
R = 18.00'
T = 12.31'
L = 21.59'
E = 3.80'
P.C. STA = 30+23.86
P.T. STA = 30+45.45

PROP. CURVE SMSW22
PI STA. = 32+05.90
Δ = 14° 46' 23" (LT)
D = 15° 04' 40"
R = 380.00'
T = 49.26'
L = 97.98'
E = 3.18'
P.C. STA = 31+56.63
P.T. STA = 32+54.61

EXIST. CURVE IL3CUR1
PI STA. = 1982+60.74
Δ = 54° 30' 41" (LT)
D = 2° 15' 00"
R = 2,546.48'
T = 1,311.84'
L = 2,422.73'
E = 318.04'
e = 3.4%
T.R. = 56'
S.E. RUN = 75'
P.C. STA. = 1969+48.90
P.T. STA. = 1993+71.63

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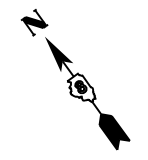
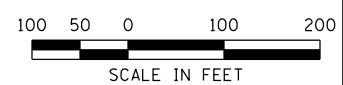
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

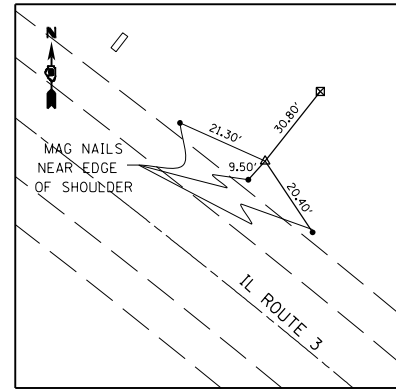
**HORNER & SHIFRIN, INC.
ENGINEERS**

ALIGNMENTS, TIES, AND BENCHMARKS

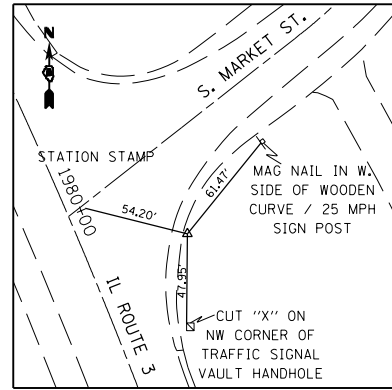
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F.A.U. RTE. 9324	SECTION 68-R-1	COUNTY MONROE	TOTAL SHEETS 192	SHEET NO. 31
CONTRACT NO. 76F51			ILLINOIS FED. AID PROJECT	

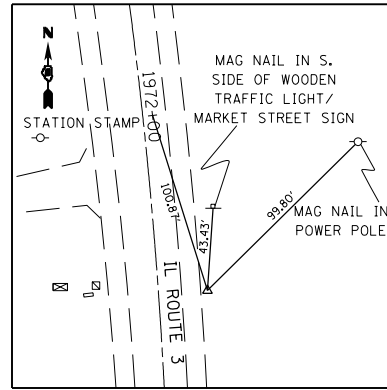




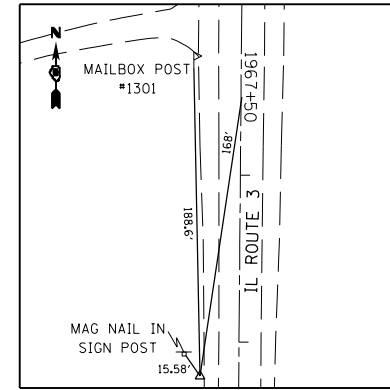
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2,301,785.3150 E



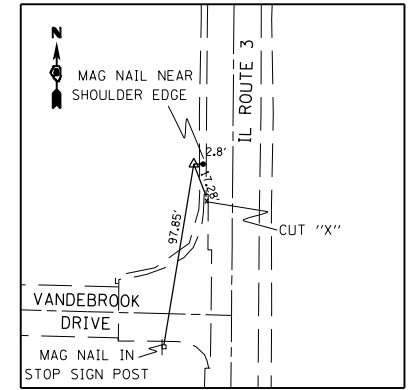
CP 118
IRON PIN W/ CAP
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2,302,582.6320 E



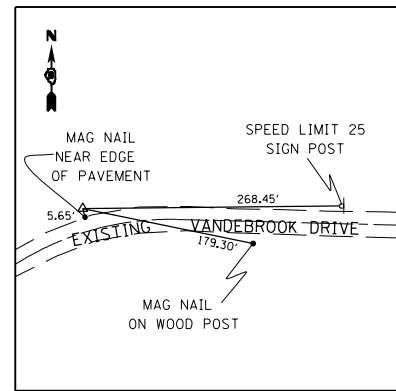
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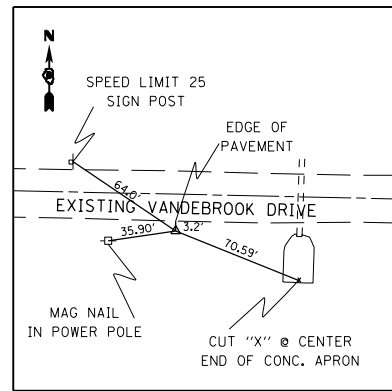
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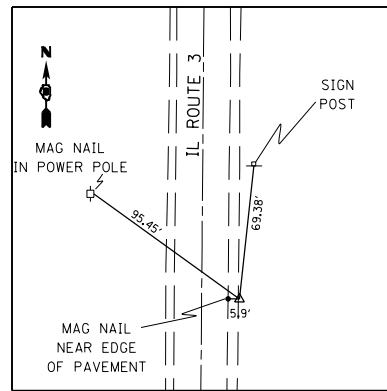
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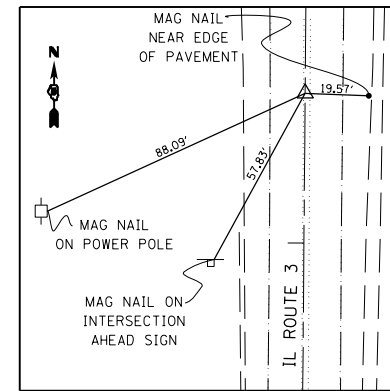
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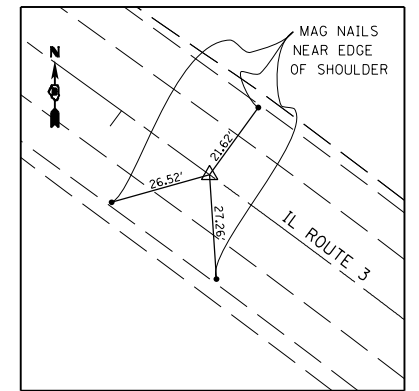
CP 23
IRON PIN W/ CAP
597,334.1247 N
2,301,815.5261 E



CP 30
IRON PIN W/ CAP
596,642.0706 N
2,302,729.8504 E



IL ROUTE 3
END PROJECT 1966+46.00
SET MAG NAIL IN HMA PAVEMENT
598,351.984 N
2,302,723.922 E



IL ROUTE 3
PT STA 1993+71.63
SET DIMPLE IN BRASS MONUMENT
600,736.8406 N
2,301,674.9708 E

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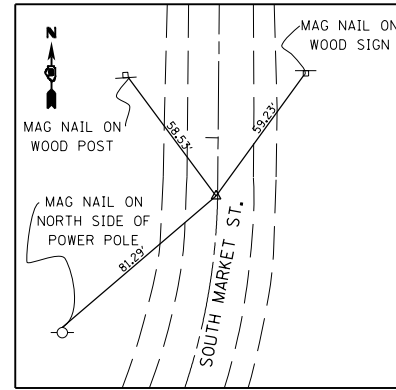
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORNER &
SHIRIN, INC.
ENGINEERS

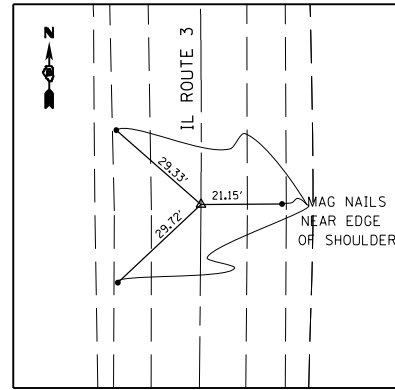
ALIGNMENTS, TIES, AND BENCHMARKS

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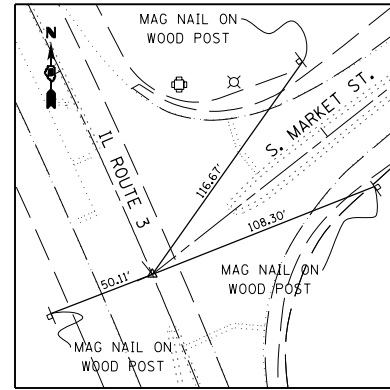
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				



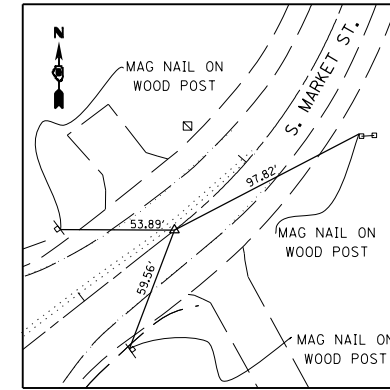
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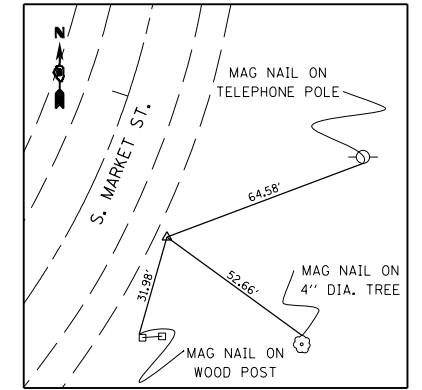
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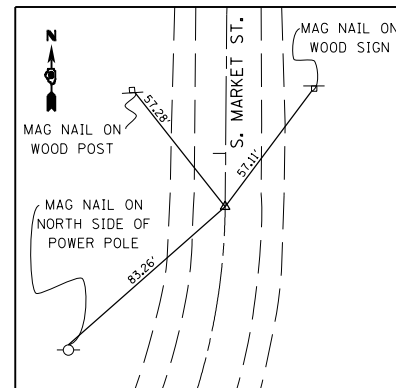
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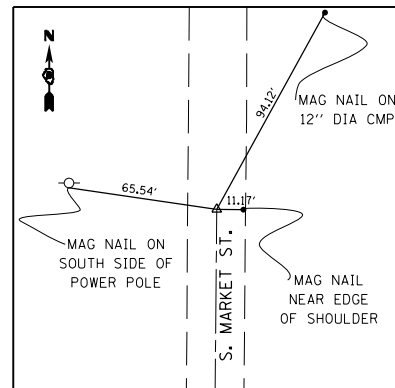
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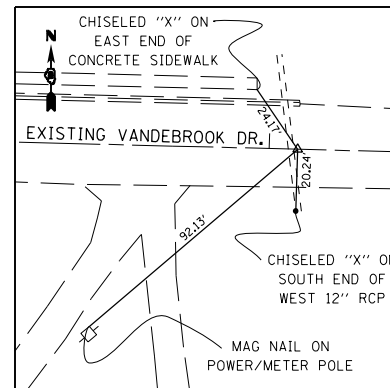
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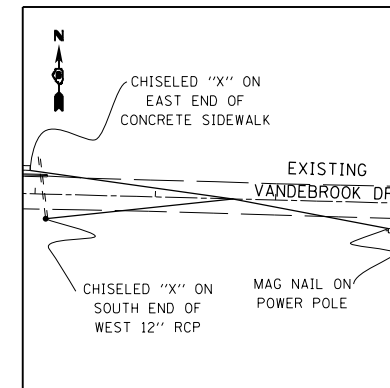
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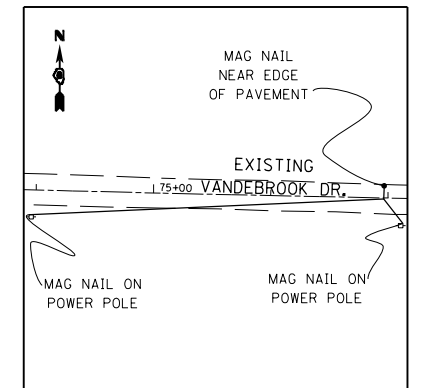
S. MARKET ST.
POT STA 307+79.27
SET MAG NAIL
600,368.8360 N
2,302,741.0538 E



RELOCATED VANDEBROOK DR.
BEGIN PROJECT 265+50.00
SET MAG NAIL IN PAVEMENT
597,373.052 N
2,300,865.983 E



RELOCATED VANDEBROOK DR.
PC STA 267+05.10
SET MAG NAIL IN PAVEMENT
597,369.075 N
2,301,021.034 E



RELOCATED VANDEBROOK DR.
P.I. STA 271+36.88
MAG NAIL IN PAVEMENT
597,358.0040 N
2,301,452.6710 E

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

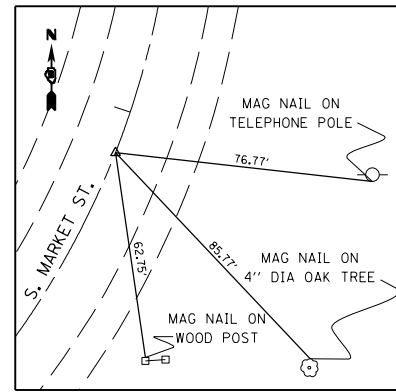
HORNER &
SHIFRIN, INC.
ENGINEERS

ALIGNMENTS, TIES, AND BENCHMARKS

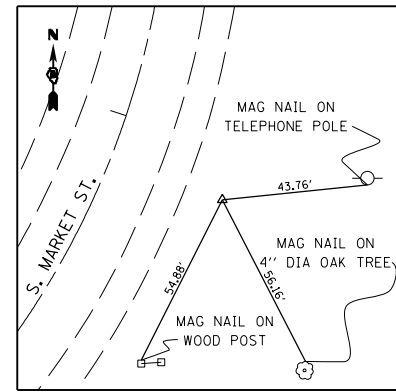
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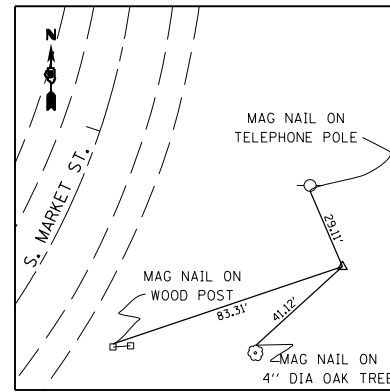
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9324	68-R-1	MONROE	192	33
				CONTRACT NO. 76F51
ILLINOIS FED. AID PROJECT				



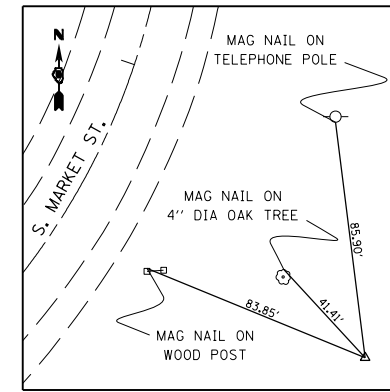
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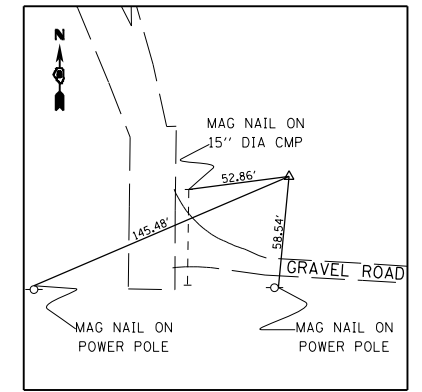
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 P.C. STA 20+35.53
 IRON PIN
 599,865.9750 N
 2,302,753.2800 E



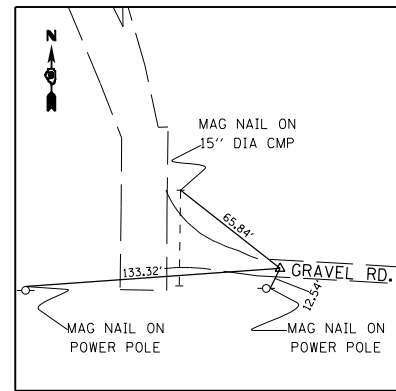
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 P.I. STA 20+93.98
 IRON PIN
 599,844.6100 N
 2,302,807.6920 E



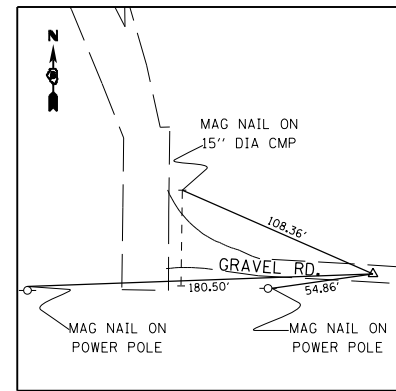
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 P.T. STA 21+37.94
 IRON PIN
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 2,302,807.2100 E



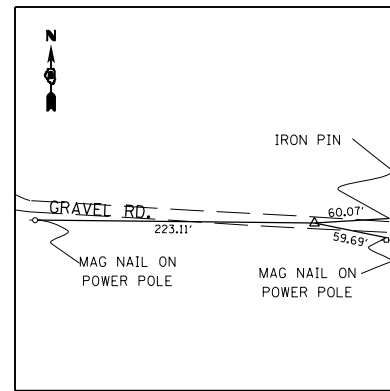
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 IRON PIN
 599,582.7550 N
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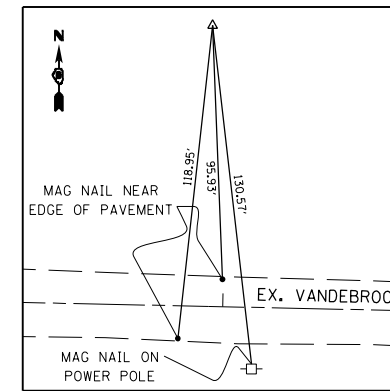
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 IRON PIN
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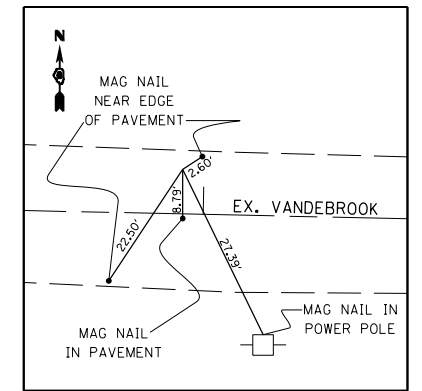
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 PT STA 24+17.35
 IRON PIN
 599,532.4300 N
 2,302,852.5830 E



S. MARKET ACCESS RD.
 END PROJECT STA 25+86.50
 IRON PIN
 599,522.4500 N
 2,303,021.4390 E



VANDEBROOK ACCESS RD.
 P.I. STA 91+10.92
 IRON PIN
 597,465.015 N
 2,301,452.4560 E



VANDEBROOK ACCESS RD.
 P.T. STA 91+95.27
 MAG NAIL IN PAVEMENT
 597,366.8490 N
 2,301,452.6530 E

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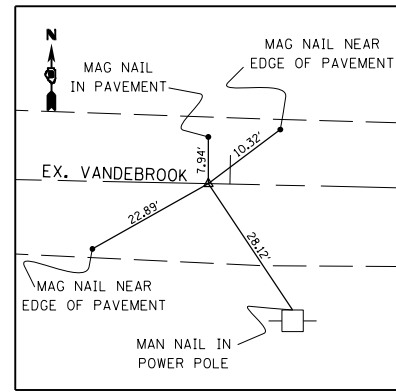
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

**HORNER &
 SHIRIN, INC.**
 ENGINEERS

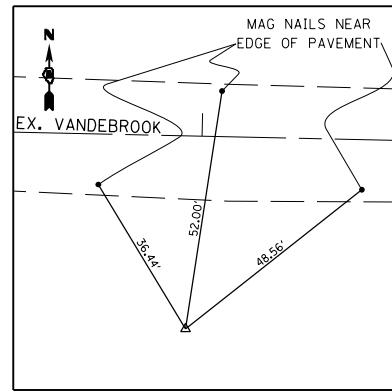
ALIGNMENTS, TIES, AND BENCHMARKS

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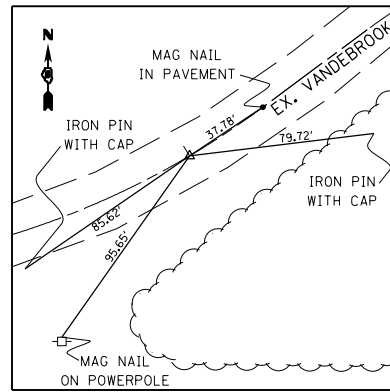
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9324	68-R-1	MONROE	192	34
				CONTRACT NO. 76F51
ILLINOIS FED. AID PROJECT				



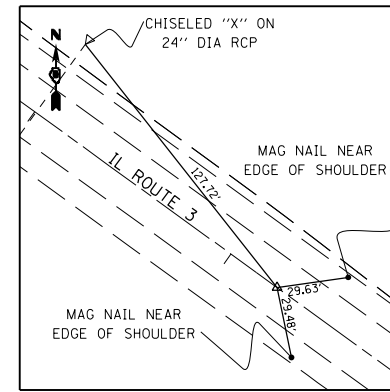
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 P.O.T. STA. 95+03.29
 MAG NAIL IN PAVEMENT
 597,358.8250 N
 2,301,452.6700 E



VANDEBROOK ACCESS RD.
 END PROJECT STA. 92+45.00
 IRON PIN
 597,317.1150 N
 2,301,452.7530 E



VANDEBROOK DRIVE
 CENTER POINT OF CUL-DE-SAC
 MAG NAIL IN PAVEMENT
 597,398.0230 N
 2,302,147.2490 E



IL ROUTE 3
 END CONTRACT 1 / BEGIN CONTRACT 2
 MAG NAIL IN PAVEMENT
 600,857.1230 N
 2,301,509.1150 E

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

HORNER &
 SHIRIN, INC.
 ENGINEERS

ALIGNMENTS, TIES, AND BENCHMARKS

SCALE: NONE SHEET NO. 6 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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				CONTRACT NO. 76F51
ILLINOIS FED. AID PROJECT				

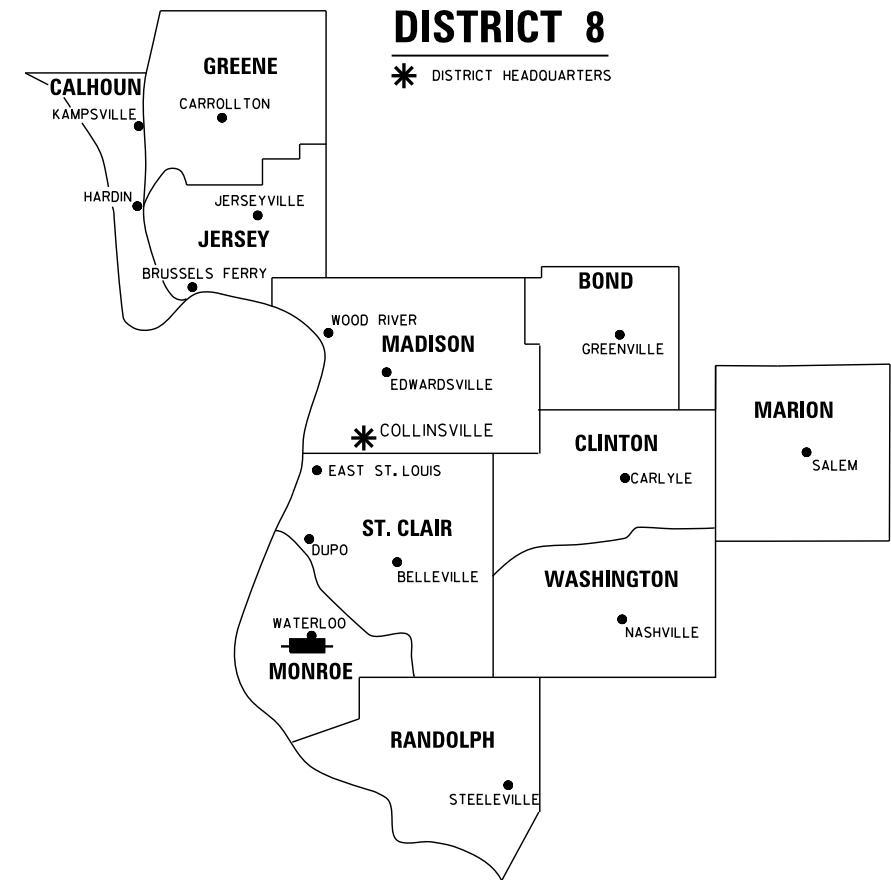
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLAT OF HIGHWAYS

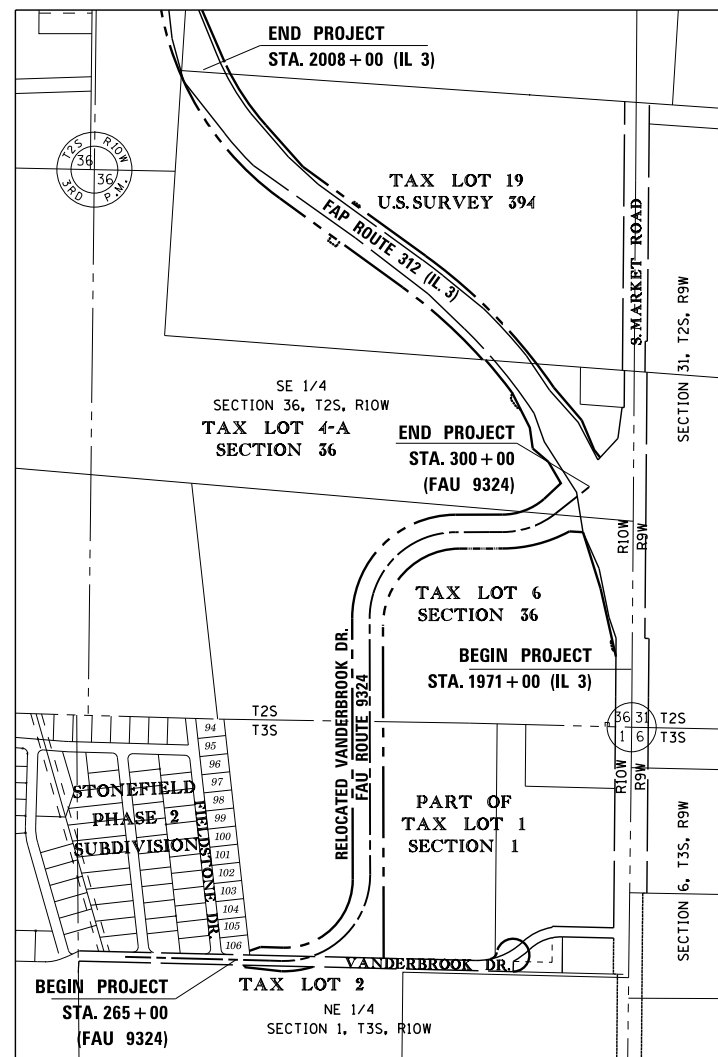
FAP ROUTE 312 (IL 3)
SECTION 68-WRS-1
FAU ROUTE 9324 (REL. VANDERBROOK DR.)
SECTION 68-R-1
MONROE COUNTY
JOB NO. R-98-007-04
T. 2 S.

SHEET INDEX		
SHEET NO.	STATION TO STATION	DESCRIPTION
1		COVER SHEET
2		LEGEND/NOTE SHEET
3	1978+00 TO 1988+00	PAR. 84070591E, 8407060, & 8407061
4	1968+00 TO 1978+00	PAR. 8407061A & EXISTING R.O.W.
5	1953+00 TO 1968+00	PAR. 8407014A, 8407011 & 8407015
6	281+00 TO 300+00	PAR. 8407061A
7	264+00 TO 281+00	PAR. 8407014 & 8407013
8	1978+00 TO 2008+00	PAR. 8407016 & 8407017
9		TOTAL HOLDINGS & SECTION DETAIL
10		TOTAL HOLDINGS & SECTION DETAIL
11		CONTROL TIES

SPACE RESERVED FOR RECORDING OFFICER



LOCATION OF SECTION INDICATED THUS:



R. 10 W.

R. 9 W.

PREPARED BY:

ASSOCIATED PROFESSIONALS, INC.

17625 Mockingbird Road, P.O. Box 311
Nashville, Illinois 62263
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IDPR Design Firm License No. 184-001303



5/24/2012

GARY S. MUELLER, IPLS # 3332
EXPIRATION DATE: 11-30-2012

T. 3 S.
PROJECT LENGTH (IL 3) = 3,700 LIN. FT. = 0.7007 MILES
PROJECT LENGTH (FAU 9324) = 3,500 LIN. FT. = 0.6629 MILES

SHEET 1 OF 12

ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	36
			CONTRACT NO. 76F51	
FED. ROAD DIST. NO. 8 [ILLINOIS] FED. AID PROJECT				

LEGEND FOR EXISTING TOPOGRAPHIC SYMBOLS

TRAFFIC SIGNAL HANDHOLE	□	DRAINAGE FLOW LINE	
TRAFFIC SIGNAL GULFBOX	□	RIP RAP	
TRAFFIC SIGNAL HANDHOLE	□	HEADWALL	
TRAFFIC SIGNAL SIGNAL POST	○	CULVERT END SECTION	
TRAFFIC SIGNAL STEEL MAST ARM	○—	DRAINAGE MANHOLE	
TRAFFIC SIGNAL COMBINED MAST ARM	○—	INLET	
TRAFFIC SIGNAL PEDESTRIAN PUSH BUTTON	●	ROADWAY DITCH FLOW	
TRAFFIC SIGNAL WOODEN POLE	○	VEGETATION LINE	
TRAFFIC SIGNAL VEHICLE DETECTION PRIORITY	△	STUMP	
TRAFFIC SIGNAL VEHICLE DETECTION MAGNET	□	SHRUB	
TRAFFIC SIGNAL JUNCTION BOX	□	EVERGREEN TREE	
TRAFFIC SIGNAL CONTROLLER	□	DECIDUOUS TREE	
TRAFFIC SIGNAL HEAVY DUTY HANDHOLE	□	WOODS/BUSH PATTERN	
RAILROAD CANTILEVER MAST ARM	—	TRAFFIC SIGN	
RAILROAD CROSSBUCK	—	GAURDRAIL POST	
RAILROAD TRACK PATTERN	—	GAURDRAIL PATTERN	
RAILROAD ABANDON PATTERN	—	FIELD LINE	
RAILROAD CROSSGATE	—	LEVEE/NOISE BARRIER	
RAILROAD CONTROL BOX	—	FENCE PATTERN	
RAILROAD FLASHING SIGNAL	—	MAIL BOX	
TELEPHONE SPLICE BOX ABOVE GROUND	—	ADVERTISING SIGN	
UTILITY POWER POLE	—	MARSH	
TELEPHONE POLE	—	LIGHTING HANDHOLE	
UTILITY TRAFFIC SIGNAL	—	LIGHTING POWER POLE	
UTILITY LIGHT POLE	—	LIGHTING JUNCTION BOX	
FIRE HYDRANT	—	LIGHTING HEAVYDUTY HANDHOLE	
UTILITY MANHOLE	—	LIGHTING CONTROLLER	
UTILITY TELEPHONE POLE	—	LIGHTING PULL POINT	
UTILITY GUY POLE	—	HIGHWAY LIGHTING ELECTRICAL GROUND	
PIPELINE WARNING SIGN	—	HIGHWAY LIGHTING SINGLE UNIT	
UTILITY HANDHOLE	—	HIGHWAY LIGHTING DOUBLE UNIT	
UTILITY SPLICE ABOVE GROUND	—	EXISTING CONCRETE BARRIER	
UTILITY JUNCTION BOX	—	EXISTING CREEK OR DITCH	
UTILITY HEAVY DUTY HANDHOLE	—	EXISTING EDGE OF PAVEMENT	
UTILITY DOUBLE HANDHOLE	—		
UTILITY CONTROLLER	—		
UTILITY WATER METER	—		

I.D.O.T. PROVIDED ALIGNMENT F.A.P. 312 (IL 3)				
PNT # (DESCRIPTION)	STATION	OFFSET	NORTH	EAST
MW106 (POT)	1944+01.13	0.00	596,107.1870	2,302,705.8230
(PC)	1969+48.90	0.00	598,654.8727	2,302,726.3641
(PI)	1982+60.74		599,966.6745	2,302,736.9406
(PT)	1993+71.63	0.00	600,736.8406	2,301,674.9708
(PC)	2001+10.26	0.00	601,170.4830	2,301,077.0282
(PI)	2007+09.29		601,522.1631	2,300,592.1020
(PT)	2012+37.69	0.00	602,117.7512	2,300,528.0149
CENSHFT11 (POT)	2024+00.00	0.00	603,273.3938	2,300,403.6655
CENSHFT12 (POT)	2026+15.10	0.00	603,486.8797	2,300,377.3805
CENSHFT13 (POT)	2028+85.37	0.00	603,755.1730	2,300,344.7639
CENSHFT14 (PC)	2032+44.32	0.00	604,111.3845	2,300,300.4940
(PI)	2036+39.24		604,504.0334	2,300,258.2438
CENSHFT15 (PT)	2040+23.02	0.00	604,847.1551	2,300,062.7295
CENSHFT16 (PC)	2050+68.53	0.00	605,755.6546	2,299,545.3075
(PI)	2051+40.39		605,818.3424	2,299,510.1795
CENSHFT17 (PCC)	2052+12.23	0.00	605,882.3035	2,299,477.4271
(PI)	2053+48.08		606,002.7847	2,299,414.6696
CENSHFT18 (PT)	2054+83.81	0.00	606,127.4078	2,299,360.6018
CENSHFT19 (POT)	2058+96.11	0.00	606,505.6435	2,299,196.5039

I.D.O.T. PROVIDED ALIGNMENT F.A.U. 9324 (RELOCATED VANDERBROOK)				
PNT # (DESCRIPTION)	STATION	OFFSET	NORTH	EAST
VAND020 (POT)	259+43.00	0.00	597,388.6152	2,300,259.1826
(PC)	267+05.10	0.00	597,369.0747	2,301,021.0344
(PI)	271+36.88		597,358.0038	2,301,452.6712
(PT)	273+76.45	0.00	597,789.7817	2,301,451.8024
(PC)	286+22.25	0.00	599,035.5753	2,301,449.2958
(PI)	290+42.25		599,455.5745	2,301,448.4507
(PT)	292+81.98	0.00	599,456.4196	2,301,868.4499
(PC)	295+08.53	0.00	599,456.8754	2,302,094.9923
(PI)	296+53.45		599,457.1670	2,302,239.9137
(PT)	297+87.62	0.00	599,546.7668	2,302,353.8179
VAND021 (POT)	300+00.00	0.00	599,678.0714	2,302,520.7396

I.D.O.T. PROVIDED ALIGNMENT EXISTING VANDERBROOK DRIVE				
PNT # (DESCRIPTION)	STATION	OFFSET	NORTH	EAST
MW6 (POT)	60+00.00	0.00	597,503.2468	2,302,717.0789
(PC)	63+07.13	0.00	597,511.1715	2,302,410.0540
(PI)	64+10.63		597,513.8421	2,302,306.5849
(PT)	65+06.46	0.00	597,452.1430	2,302,737.6272
(PC)	65+62.14	0.00	597,418.9514	2,302,178.7750
(PI)	66+85.45		597,345.4499	2,302,079.7746
(PT)	67+99.73	0.00	597,348.0793	2,301,956.4998
MW7(POT)	74+94.06	0.00	597,362.8858	2,301,262.3289
(POT)	77+35.43	0.00	597,369.0747	2,301,021.0344

I.D.O.T. PROVIDED ALIGNMENT SOUTH MARKET STREET				
PNT # (DESCRIPTION)	STATION	OFFSET	NORTH	EAST
MW90 (POT)	300+00.00	0.00	599,678.0714	2,302,520.7396
(PC)	629+30.19	0.00	599,773.0614	2,302,641.4961
(PI)	630+51.18		599,847.8651	2,302,736.5907
(PT)	631+55.77	0.00	599,968.8507	2,302,737.6272
MW94 (POT)	307+79.22	0.00	600,368.8360	2,302,741.0538

PREPARED BY:**ASSOCIATED PROFESSIONALS, INC.**

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5/24/2012

GARY S. MUELLER, IPLS # 3332
 EXPIRATION DATE: 11-30-2012
**RIGHT OF WAY LEGEND**

	SECTION CORNERS
	QUARTER SECTION CORNERS
	EXISTING CENTERLINE
	EXISTING RIGHT OF WAY LINE
	FORMER RIGHT OF WAY LINE
	EXISTING IDOT EASEMENT LINE
	EXISTING EASEMENT LINE
	BUILDING SETBACK LINE
	EXISTING ACCESS CONTROL LINE
	EXISTING RIGHT OF WAY & PROPOSED ACCESS CONTROL LINE
	PROPOSED ACCESS CONTROL LINE
	PROPOSED CENTERLINE
	PROPOSED RIGHT OF WAY LINE
	PROPOSED TEMPORARY EASEMENT LINE
	PROPOSED PERMANENT EASEMENT LINE
	SECTION LINE
	QUARTER SECTION LINE
	QUARTER QUARTER SECTION LINE
	PROPERTY LINE
	FORMER PROPERTY LINE
	FORMER PROPERTY LINE WITHIN RIGHT OF WAY
	APPARENT PROPERTY LINE
	MEASURED DIMENSION
	RECORDED DIMENSION
	FOUND STONE
	FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED
	SET 5/8 INCH IRON ROD WITH PLASTIC CAP IDENTIFIED BY SURVEYORS LICENSE NUMBER AT CORNER UNLESS OTHERWISE NOTED
	PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 667101 (TO BE SET BY OTHERS)
	SET 5/8 INCH IRON ROD AS SURVEY CONTROL UNLESS OTHERWISE NOTED
	FOUND CUT CROSS
	SET CUT CROSS
	SAME OWNERSHIP
	EXISTING BUILDING
	EXISTING CANOPY/OVERHANG
	EXISTING BUILDING DIMENSIONS/NOTES
	STAKING OF PROPOSED RIGHT OF WAY CORNERS, SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY ALUMINUM CAP TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS LICENSE NUMBER. (PROPOSED RIGHT OF WAY CORNERS SET IN CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACE).

TOTAL HOLDING AREA SOURCE TABLE

1	AREA ACCORDING TO THE SURVEY PERFORMED BY THE CONSULTANT.
2	AREA LISTED IN RECORDED DEED.
3	AREA ACCORDING TO A RECORDED SUBDIVISION PLAT.
4	AREA ACCORDING TO A PLAT OF SURVEY.
5	AREA CALCULATED FROM RECORDED DEEDS OR TITLE COMMITMENTS - NOT SURVEYED.
6	AREA ACCORDING TO COUNTY TAX MAPS AND COUNTY ASSESSMENT RECORDS.
7	AREA ACCORDING TO OTHER RECORDS, SEE NOTE ON THE PLAT OF HIGHWAYS.

TOPOGRAPHIC STATEMENT

THE TOPOGRAPHY SHOWN HEREON WAS PROVIDED TO THE SURVEYOR BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THE SURVEYOR VISUALLY FIELD VERIFIED THE EXISTENCE OF THE TOPOGRAPHY SHOWN HEREON. IN ADDITION THE SURVEYOR PHYSICALLY LOCATED IN THE FIELD THE FOLLOWING ITEMS ON 6/23/11:

- BUILDINGS FOR MW-174.0 & FENCE FOR MW-231.0

BASIS OF COORDINATE & BEARING STATEMENT

COORDINATES AND BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. PROJECT COORDINATES ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD83 GROUND COORDINATES.

LEGEND FOR ABBREVIATIONS

A/C	ACCESS CONTROL
AC	ACRE
AVE	AVENUE
BK	BOOK
BLVD	BOULEVARD
C	CENTERLINE
CH	COUNTY HIGHWAY
Ch	CHAIN
DB	DEED BOOK
E	EAST
EX	EXISTING
FA	FEDERAL AID
FAI	FEDERAL AID INTERSTATE
FAP	FEDERAL AID PRIMARY
FAS	FEDERAL AID SECONDARY
FAUS	FEDERAL AID URBAN SECONDARY
FND	FOUND
ha	HECTARE
IP	IRON PIPE
IR	IRON ROD
LT	LEFT
m	METER
m²	SQUARE METERS
N	NORTH
N & BC	NAIL AND BOTTLE CAP
N & C	NAIL AND CAP
N & W	NAIL AND WASHER
NE	NORTHEAST
NW	NORTHWEST
PB	PLAT BOOK
PG	PAGE
POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
POT	POINT OF TANGENT
PL	PROPERTY LINE
PR	PROPOSED
RD	ROAD
ROW	RIGHT OF WAY
RR	RAILROAD
RRS	RAILROAD SPIKE
RT	RIGHT
RTE	ROUTE
S	SOUTH
SBI	STATE BOND ISSUE
SE	SOUTHEAST
SO FT	SQUARE FEET
SR	STATE ROUTE
ST	STREET
STA	STATION
SMK	SURVEY MARKER
SW	SOUTHWEST
TWP	TOWNSHIP
TR	TOWNSHIP ROAD
USGS	U.S. GEOLOGICAL SURVEY
W	WEST

SPACE RESERVED FOR RECORDING OFFICER

PROPOSED PARCEL NUMBER LEGEND

8001001	PROPOSED FEE SIMPLE ACQUISITION
8001001PE	PROPOSED PERMANENT EASEMENT
8001001TE	PROPOSED TEMPORARY EASEMENT
8001001DED	PROPOSED DEDICATION
8001001AC	PROPOSED ACCESS CONTROL LINE

CURVE ABBREVIATIONS

PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PRC	POINT OF REVERSE CURVE
PCC	POINT OF COMPOUND CURVE
CB	CHORD BEARING
R	RADIUS OF CURVE
L	CURVE LENGTH
CB	CHORD BEARING
C	CHORD LENGTH
D	DEGREE OF CURVE
e	EXTERNAL
Δ	CENTRAL ANGLE

I.D.O.T. PROVIDED CONTROL				
PNT # (DESCRIPTION)	STATION	OFFSET	NORTH	EAST
15 (IR W/CAP)	2014+60.15	27.69'LT	602,335.9769	2,300,476.6809
16 (IR W/CAP)	2004+88.13	23.61'LT	601,417.4811	2,300,787.3931
17 (IR W/CAP)	1992+51.19	23.30'RT	600,682.0462	2,301,785.3152
18 (IR W/CAP)	1979+68.45	53.73'RT	599,669.5356	2,302,582.6315
19 (IR W/CAP)	1971+49.20	25.02'RT	598,856.7907	2,302,745.0655
20 (IR W/CAP)	1965+82.07	19.79'LT	598,288.2129	2,302,703.6141
21 (IR W/CAP)	1958+76.82	16.58'LT	597,582.9611	2,302,701.1378
22 (IR W/CAP)	64+00.43	18.77'RT	597,517.1653	2,302,312.6306
23 (IR W/CAP)	69+40.38	19.96'LT	597,334.1247	2,301,815.5261
30 (IR W/CAP)	1949+36.13	19.69'RT	596,642.0101	2,302,729.8281
31 (IR W/CAP)			595,575.0042	2,302,706.1878

**ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS**

FAU ROUTE 312 (IL 3)
 FAU ROUTE 9324
 (REL. VANDERBROOK DRIVE)
 SECTION 68-R-1
 MONROE COUNTY
 JOB NO. R-98-007-04

60' 0 60' 120'
 SCALE: 1" = 60' SHEET 2 OF 12

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINSVILLE, ILLINOIS 62234-6198

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	37
				CONTRACT NO. 76F51

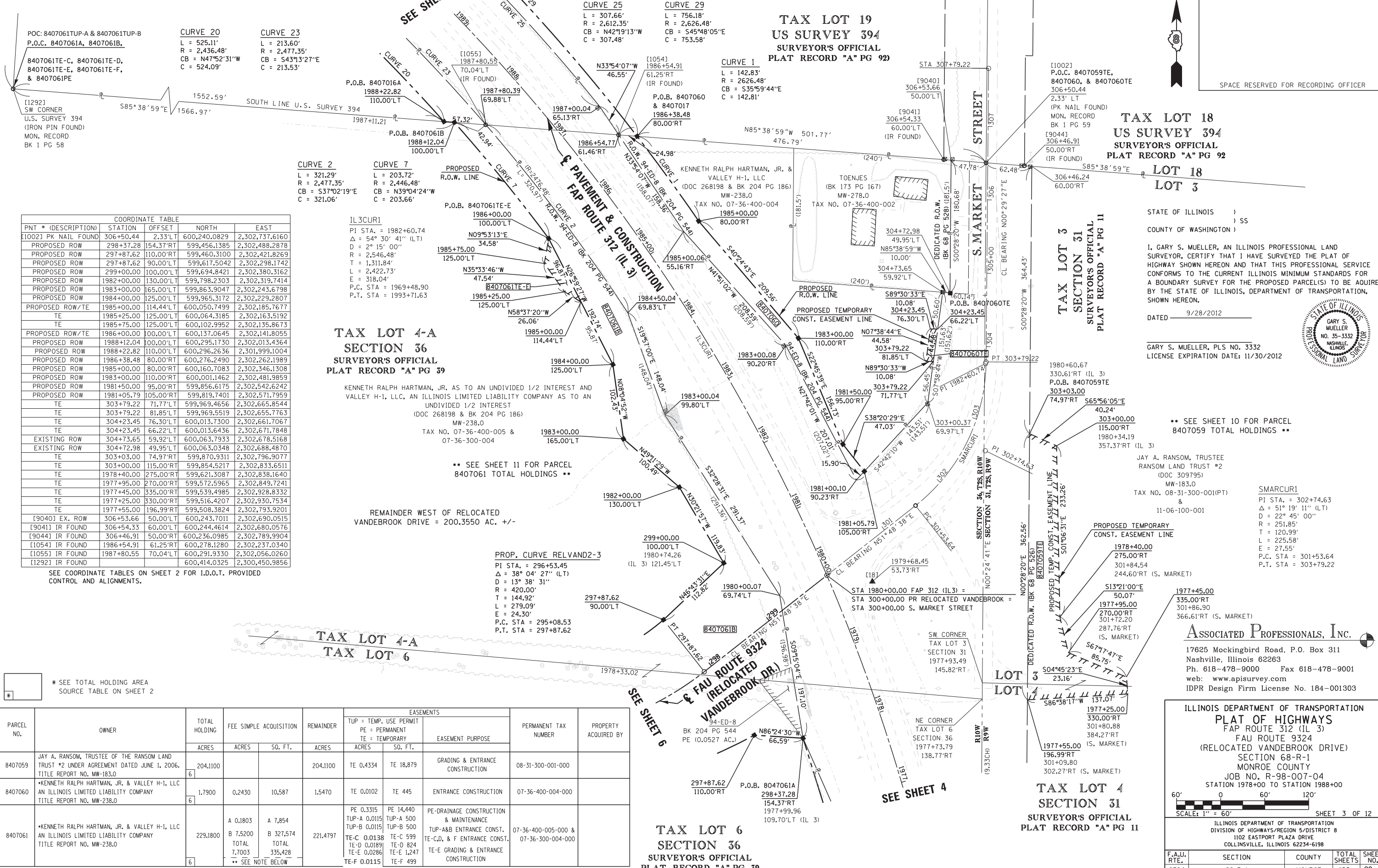
FED. ROAD DIST. NO. 8 (ILLINOIS) FED. AID PROJECT

PART OF THE SE 1/4 OF SECTION 36, T. 2 S., R. 10 W., OF THE 3RD P.M., MONROE COUNTY, ILLINOIS

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2



SPACE RESERVED FOR RECORDING OFFICER



POC: 8407061TUP-A & 8407061TUP-B
P.O.C. 8407061A, 8407061B,
8407061E-C, 8407061E-D,
8407061E-E, 8407061E-F,
& 8407061E

CURVE 20
L = 525.11'
R = 2,436.48'
CB = N47°52'31"W
C = 524.09'

CURVE 23
L = 213.60'
R = 2,477.35'
CB = S43°13'27"E
C = 213.53'

CURVE 25
L = 307.66'
R = 2,612.35'
CB = N42°19'13"W
C = 307.48'

CURVE 29
L = 756.18'
R = 2,626.48'
CB = S45°48'05"E
C = 753.58'

CURVE 1
L = 142.83'
R = 2,626.48'
CB = S35°59'44"E
C = 142.81'

CURVE 2
L = 321.29'
R = 2,477.35'
CB = S37°02'19"E
C = 321.06'

CURVE 7
L = 203.72'
R = 2,446.48'
CB = N39°04'24"W
C = 203.66'

TAX LOT 4-A SECTION 36 SURVEYOR'S OFFICIAL PLAT RECORD "A" PG 39

KENNETH RALPH HARTMAN, JR. AS TO AN UNDIVIDED 1/2 INTEREST AND VALLEY H-1, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY AS TO AN UNDIVIDED 1/2 INTEREST (DOC 268198 & BK 204 PG 186) MW-238.0 TAX NO. 07-36-400-005 & 07-36-300-004

SEE SHEET 11 FOR PARCEL 8407061 TOTAL HOLDINGS **

REMAINDER WEST OF RELOCATED VANDEBROOK DRIVE = 200.3550 AC. +/-

PROP. CURVE RELVAND2-3
PI STA. = 296+53.45
Δ = 38° 04' 27" (LT)
D = 13° 38' 31"
R = 420.00'
T = 144.92'
L = 279.09'
E = 24.30'
P.C. STA = 295+08.53
P.T. STA = 297+87.62

COORDINATE TABLE				
PNT # (DESCRIPTION)	STATION	OFFSET	NORTH	EAST
[1002] PK NAIL FOUND	306+50.44	2.33'LT	600,240.0829	2,302,737.6160
PROPOSED ROW	298+37.28	154.37'RT	599,456.1385	2,302,488.2878
PROPOSED ROW	297+87.62	110.00'RT	599,460.3100	2,302,421.8269
PROPOSED ROW	297+87.62	90.00'LT	599,617.5042	2,302,298.1742
PROPOSED ROW	299+00.00	100.00'LT	599,694.8421	2,302,380.3162
PROPOSED ROW	1982+00.00	130.00'LT	599,798.2303	2,302,319.7414
PROPOSED ROW	1983+00.00	165.00'LT	599,863.9047	2,302,243.6798
PROPOSED ROW	1984+00.00	125.00'LT	599,965.3172	2,302,229.2807
PROPOSED ROW/TE	1985+00.00	114.44'LT	600,050.7499	2,302,185.7677
TE	1985+25.00	125.00'LT	600,064.3185	2,302,163.5192
TE	1985+75.00	125.00'LT	600,102.9952	2,302,135.8673
PROPOSED ROW/TE	1986+00.00	100.00'LT	600,137.0645	2,302,141.8055
PROPOSED ROW	1988+12.04	100.00'LT	600,295.1730	2,302,013.4364
PROPOSED ROW	1988+22.82	110.00'LT	600,296.2636	2,301,999.1004
PROPOSED ROW	1986+38.48	80.00'RT	600,276.2490	2,302,262.1989
PROPOSED ROW	1985+00.00	80.00'RT	600,160.7083	2,302,346.1308
PROPOSED ROW	1983+00.00	110.00'RT	600,001.1462	2,302,481.9859
PROPOSED ROW	1981+50.00	95.00'RT	599,856.6175	2,302,542.6242
PROPOSED ROW	1981+05.79	105.00'RT	599,819.7401	2,302,571.7959
TE	303+79.22	71.77'LT	599,969.4656	2,302,665.8544
TE	303+79.22	81.85'LT	599,969.5519	2,302,655.7763
TE	304+23.45	76.30'LT	600,013.7300	2,302,661.7067
TE	304+23.45	66.22'LT	600,013.6436	2,302,671.7848
EXISTING ROW	304+73.65	59.92'LT	600,063.7933	2,302,678.5168
EXISTING ROW	304+72.98	49.95'LT	600,063.0348	2,302,688.4870
TE	303+03.00	74.97'RT	599,870.9311	2,302,796.9077
TE	303+00.00	115.00'RT	599,854.5217	2,302,833.6511
TE	1978+40.00	275.00'RT	599,621.3087	2,302,838.1640
TE	1977+95.00	270.00'RT	599,572.5965	2,302,849.7241
TE	1977+45.00	335.00'RT	599,539.4985	2,302,928.8332
TE	1977+25.00	330.00'RT	599,516.4207	2,302,930.7534
TE	1977+55.00	196.99'RT	599,508.3824	2,302,793.9201
[9040] EX. ROW	306+53.66	50.00'LT	600,243.7011	2,302,690.0515
[9041] IR FOUND	306+54.33	60.00'LT	600,244.4614	2,302,680.0576
[9044] IR FOUND	306+46.91	50.00'LT	600,236.0985	2,302,789.9904
[1054] IR FOUND	1986+54.91	61.25'RT	600,278.1280	2,302,237.0340
[1055] IR FOUND	1987+80.55	70.04'LT	600,291.9330	2,302,056.0260
[1292] IR FOUND	1988+12.04	100.00'LT	600,414.0325	2,300,450.9856

SEE COORDINATE TABLES ON SHEET 2 FOR I.D.O.T. PROVIDED CONTROL AND ALIGNMENTS.

* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PARCEL NO.	OWNER	TOTAL HOLDING	EASEMENTS			PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
			FEE SIMPLE ACQUISITION	REMAINDER	TEMP. USE PERMIT		
8407059	JAY A. RANSOM, TRUSTEE OF THE RANSOM LAND TRUST #2 UNDER AGREEMENT DATED JUNE 1, 2006. TITLE REPORT NO. MW-183.0	204,1100	ACRES	ACRES	TE 0.4334	TE 18,879	GRADING & ENTRANCE CONSTRUCTION 08-31-300-001-000
8407060	*KENNETH RALPH HARTMAN, JR. & VALLEY H-1, LLC AN ILLINOIS LIMITED LIABILITY COMPANY TITLE REPORT NO. MW-238.0	1,7900	0.2430	10,587	TE 0.0102	TE 445	ENTRANCE CONSTRUCTION 07-36-400-004-000
8407061	*KENNETH RALPH HARTMAN, JR. & VALLEY H-1, LLC AN ILLINOIS LIMITED LIABILITY COMPANY TITLE REPORT NO. MW-238.0	229,1800	A 0.1803 B 7.5200 TOTAL 7.7003	A 7,854 B 327,574 TOTAL 335,428	PE 0.3315 TUP-A 0.0115 TUP-B 0.0115 TE-C 0.0138 TE-D 0.0189 TE-E 0.0286 TE-F 0.0115	PE 14,440 TUP-A 500 TUP-B 500 TE-C 599 TE-D 824 TE-E 1,247 TE-F 499	PE-DRAINAGE CONSTRUCTION & MAINTENANCE TUP-A&B ENTRANCE CONST. TE-C,D, & F ENTRANCE CONST. TE-E GRADING & ENTRANCE CONSTRUCTION 07-36-400-005-000 & 07-36-300-004-000

*KENNETH RALPH HARTMAN, JR. AS TO AN UNDIVIDED 1/2 INTEREST AND VALLEY H-1, LLC AN ILLINOIS LIMITED LIABILITY COMPANY AS TO AN UNDIVIDED 1/2 INTEREST.
** NOTE: EXISTING PERMANENT EASEMENT TO THE STATE OF ILLINOIS FOR DRAINAGE PER CONDEMNATION CASE 94-ED-8 8407061B - AREA OF EXISTING PE IN PROPOSED R.O.W. = 0.0527AC. OR 2,296 SF +/-
FAU 312(IL3)/FAU 9324(VANDEBROOK DR.) CONSTRUCTION SECTION 68-R-1 MONROE COUNTY JOB # R-98-007-04 PART OF SEC. 36, T. 2 S., R. 10 W. OF THE 3RD P.M.

STATE OF ILLINOIS)
) SS
COUNTY OF WASHINGTON)

I, GARY S. MUELLER, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED 9/28/2012
GARY S. MUELLER, PLS NO. 3332
LICENSE EXPIRATION DATE: 11/30/2012

** SEE SHEET 10 FOR PARCEL 8407059 TOTAL HOLDINGS **

JAY A. RANSOM, TRUSTEE
RANSOM LAND TRUST #2
(DOC 309795)
MW-183.0
TAX NO. 08-31-300-001(P)
&
11-06-100-001

SMARCURI
PI STA. = 302+74.63
Δ = 51° 19' 11" (LT)
D = 22° 45' 00"
R = 251.85'
T = 120.99'
L = 225.58'
E = 27.55'
P.C. STA = 301+53.64
P.T. STA = 303+79.22

ASSOCIATED PROFESSIONALS, INC.
17625 Mockingbird Road, P.O. Box 311
Nashville, Illinois 62263
Ph. 618-478-9000 Fax 618-478-9001
web: www.apisurvey.com
IDPR Design Firm License No. 184-001303

**ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAU ROUTE 312 (IL 3)
(RELOCATED VANDEBROOK DRIVE)
SECTION 68-R-1
MONROE COUNTY
JOB NO. R-98-007-04
STATION 1978+00 TO STATION 1988+00**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	38

CONTRACT NO. 76F51

COMPLETION DATE OF FIELD WORK PERFORMED
LAND SURVEY: 9/23/2011 ROW STAKING:

FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT

PART OF THE SE 1/4 OF SECTION 36, T. 2 S., R. 10 W., OF THE 3RD P.M., MONROE COUNTY, ILLINOIS

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2
SEE COORDINATE TABLES ON SHEET 2 FOR I.D.O.T. PROVIDED CONTROL AND ALIGNMENTS.

TAX LOT 4-A
SECTION 36
SURVEYOR'S OFFICIAL
PLAT RECORD "A" PG 39)

TAX LOT 3
SECTION 31
SURVEYOR'S OFFICIAL
PLAT RECORD "A" PG 10

TAX LOT 4
SECTION 31
(SURVEYOR'S OFFICIAL
PLAT RECORD "A" PG 11)

JAY A. RANSOM, TRUSTEE
RANSOM LAND TRUST #2
(DOC 309795)
MW-183.0
TAX NO. 08-31-300-001(PT)

STATE OF ILLINOIS)
) SS
COUNTY OF WASHINGTON)

I, GARY S. MUELLER, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED 5/24/2012

GARY S. MUELLER, PLS NO. 3332
LICENSE EXPIRATION DATE: 11/30/2012



ASSOCIATED PROFESSIONALS, INC.
17625 Mockingbird Road, P.O. Box 311
Nashville, Illinois 62263
Ph. 618-478-9000 Fax 618-478-9001
web: www.apisurvey.com
IDPR Design Firm License No. 184-001303

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 312 (IL 3)
FAU ROUTE 9324
(RELOCATED VANDEBROOK DRIVE)
SECTION 68-R-1
MONROE COUNTY
JOB NO. R-98-007-04
STATION 1968+00 TO STATION 1978+00

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	39

CONTRACT NO. 76F51

FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT

COORDINATE TABLE				
PNT # (DESCRIPTION)	STATION	OFFSET	NORTH	EAST
[1001] PLUG FOUND	1968+00.00	0.00'	598,506.7791	2,302,725.1669
PROPOSED ROW	298+37.28	154.37'RT	599,456.1385	2,302,488.2878
PROPOSED ROW	297+87.62	110.00'RT	599,460.3100	2,302,421.8269
PROPOSED ROW	297+87.62	90.00'LT	599,617.5042	2,302,298.1742
PROPOSED ROW	299+00.00	100.00'LT	599,694.8421	2,302,380.3162
PROPOSED ROW	1975+00.00	100.00'LT	599,181.4584	2,302,573.5358
PROPOSED ROW	1983+00.00	165.00'LT	599,863.9047	2,302,243.6798
PROPOSED ROW/TE	1972+31.74	82.57'LT	598,928.7607	2,302,630.8120
TE	1972+30.50	92.50'LT	598,926.5501	2,302,621.0594
TE	1971+79.12	86.00'LT	598,877.7870	2,302,632.1120
PROPOSED ROW/TE	1971+80.57	76.10'LT	598,879.9976	2,302,641.8646
PROPOSED ROW	1971+50.00	71.73'LT	598,850.7397	2,302,648.4961
TE	1977+90.00	241.38'RT	599,558.2890	2,302,824.3334
TE	1977+67.79	255.56'RT	599,539.5600	2,302,845.4217
TE	1977+60.00	252.43'RT	599,530.4507	2,302,845.0718
TE	1977+60.00	198.76'RT	599,514.0550	2,302,793.9679
EX. ROW	1972+26.11	76.10'RT	598,939.3025	2,302,789.2313
EX. ROW	1972+24.01	95.98'RT	598,939.1377	2,302,809.2300
EX. ROW	1967+99.80	80.49'RT	598,505.1274	2,302,805.6536
[12021] IR FOUND	1968+02.20	79.51'LT	598,508.8161	2,302,645.6785

PROP. CURVE RELVAND2-3
PI STA. = 296+53.45
Δ = 38° 04' 27" (LT)
D = 13° 38' 31"
R = 420.00'
T = 144.92'
L = 279.09'
E = 24.30'
P.C. STA = 295+08.53
P.T. STA = 297+87.62

KENNETH RALPH HARTMAN, JR. AS TO AN UNDIVIDED 1/2 INTEREST AND VALLEY H-1, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY AS TO AN UNDIVIDED 1/2 INTEREST
(DOC 268198 & BK 204 PG 186)
MW-238.0
TAX NO. 07-36-400-005;
07-36-300-004 &
07-36-400-004

TAX LOT 6
SECTION 36
SURVEYOR'S OFFICIAL
PLAT RECORD "A" PG 39)

IL3CUR2
PI STA. = 2007+09.29
Δ = 47° 54' 28" (RT)
D = 4° 14' 58"
R = 1,348.35'
T = 599.03'
L = 1,127.42'
E = 127.08'
P.C. STA = 2001+10.26
P.T. STA = 2012+37.69

* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION		REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
			ACRES	SO. FT.		PE = PERMANENT TE = TEMPORARY ACRES	SO. FT.		
8407061	*KENNETH RALPH HARTMAN, JR. & VALLEY H-1, LLC AN ILLINOIS LIMITED LIABILITY COMPANYS TITLE REPORT NO. MW-238.0	229.1800	A 0.1803	A 7,854	221.4797	PE 0.3315 TE-A 0.0062 TE-B 0.0068 TE-C 0.0137 TE-D 0.0189 TE-E 0.0286 TE-F 0.0114	PE 14,440 TE-A 270 TE-B 299 TE-C 599 TE-B 824 TE-E 1,247 TE-F 499	07-36-400-005-000 & 07-36-300-004-000	
			B 7.5200	B 327,574					
			TOTAL 7.7003	TOTAL 335,428					

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2
SEE COORDINATE TABLES ON SHEET 2 FOR I.D.O.T. PROVIDED CONTROL AND ALIGNMENTS.

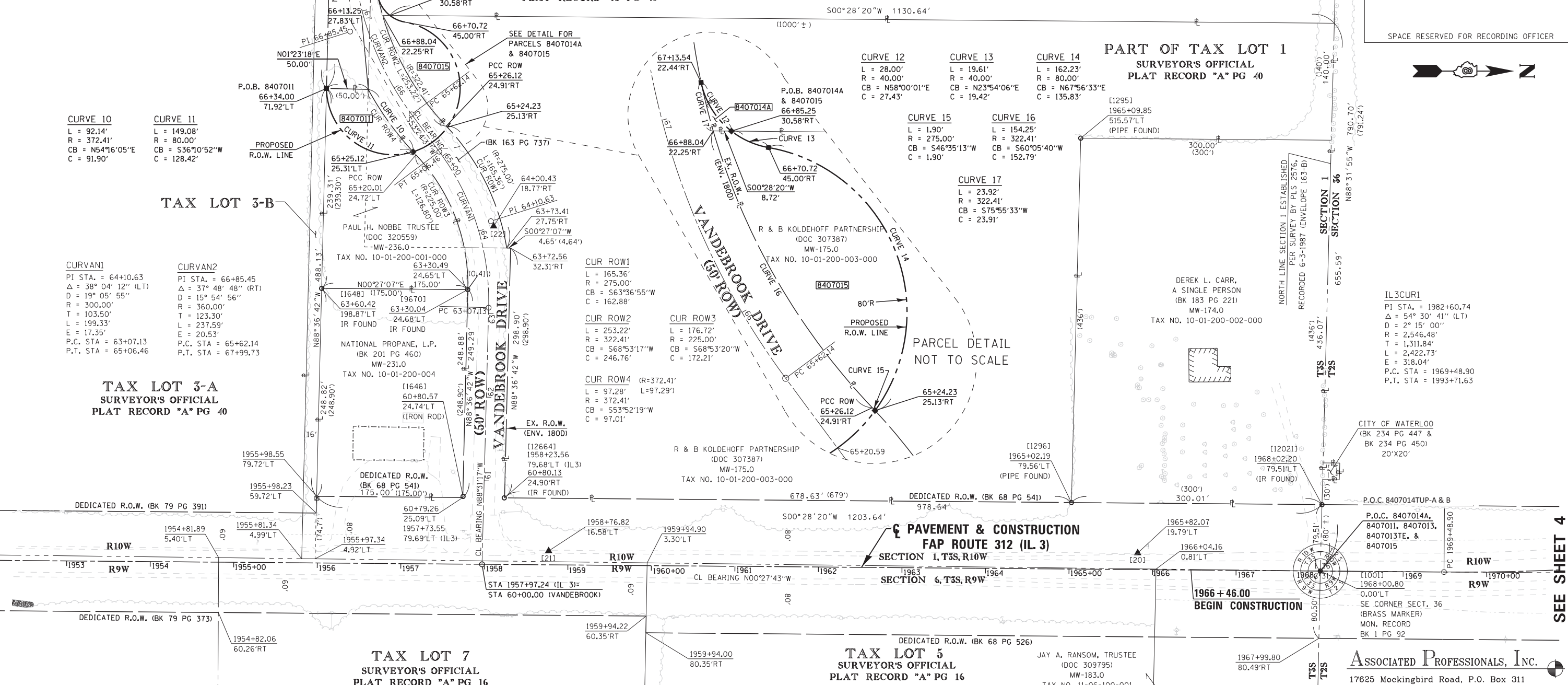
SEE SHEET 7

PAUL H. NOBBE TRUSTEE OF THE NOBBE BROTHERS LAND TRUST NO. 1, UNDER AGREEMENT DATED DEC. 31, 2007, KNOWN AS THE NOBBE BROTHERS LAND TRUST NO. 1 (DOC 320559) MW-236.0 TAX NO. 10-01-200-001-000

PART OF TAX LOT 1
SURVEYOR'S OFFICIAL
PLAT RECORD "A" PG 40

PART OF TAX LOT 1
SURVEYOR'S OFFICIAL
PLAT RECORD "A" PG 40

SPACE RESERVED FOR RECORDING OFFICER



CURVE 10
L = 92.14'
R = 372.41'
CB = N54°16'05"E
C = 91.90'

CURVE 11
L = 149.08'
R = 80.00'
CB = S36°10'52"W
C = 128.42'

TAX LOT 3-B

CURVANI
PI STA. = 64+10.63
Δ = 38° 04' 12" (LT)
D = 19° 05' 55"
R = 300.00'
T = 103.50'
L = 199.33'
E = 17.35'
P.C. STA = 63+07.13
P.T. STA = 65+06.46

CURVAN2
PI STA. = 66+85.45
Δ = 37° 48' 48" (RT)
D = 15° 54' 56"
R = 360.00'
T = 123.30'
L = 237.59'
E = 20.53'
P.C. STA = 65+62.14
P.T. STA = 67+99.73

TAX LOT 3-A
SURVEYOR'S OFFICIAL
PLAT RECORD "A" PG 40

CUR ROW1
L = 165.36'
R = 275.00'
CB = S63°36'55"W
C = 162.88'

CUR ROW2
L = 253.22'
R = 322.41'
CB = S68°53'17"W
C = 246.76'

CUR ROW3
L = 176.72'
R = 225.00'
CB = S68°53'20"W
C = 172.21'

CUR ROW4
L = 97.28'
R = 372.41'
CB = S53°52'19"W
C = 97.01'

CURVE 12
L = 28.00'
R = 40.00'
CB = N58°00'01"E
C = 27.43'

CURVE 13
L = 19.61'
R = 40.00'
CB = N23°54'06"E
C = 19.42'

CURVE 14
L = 162.23'
R = 80.00'
CB = N67°56'33"E
C = 135.83'

CURVE 15
L = 1.90'
R = 275.00'
CB = S46°35'13"W
C = 1.90'

CURVE 16
L = 154.25'
R = 322.41'
CB = S60°05'40"W
C = 152.79'

CURVE 17
L = 23.92'
R = 322.41'
CB = S75°55'33"W
C = 23.91'

PAVEMENT & CONSTRUCTION
FAP ROUTE 312 (IL 3)
SECTION 1, T3S, R10W
SECTION 6, T3S, R9W

TAX LOT 5
SURVEYOR'S OFFICIAL
PLAT RECORD "A" PG 16

TAX LOT 4
SURVEYOR'S OFFICIAL
PLAT RECORD "A" PG 16

SHEET 5 COORDINATE TABLE

PNT # (DESCRIPTION)	STATION	OFFSET	NORTH	EAST
[1001] PLUG FOUND	1968+00.00	0.00'	598,506.7791	2,302,725.1669
EX. ROW	1972+26.11	76.10'RT	598,939.3025	2,302,789.2313
EX. ROW	1972+24.01	95.98'RT	598,939.1377	2,302,809.2300
EX. ROW	1967+99.80	80.49'RT	598,505.1274	2,302,805.6536
[12021] IR FOUND	1968+02.20	79.51'LT	598,508.8161	2,302,645.6785
[1296] PIPE FOUND	1965+02.19	79.56'LT	598,208.8156	2,302,643.2064
EX. ROW	1959+94.22	60.35'RT	597,699.7367	2,302,779.0161
EX. ROW	1959+94.00	80.35'RT	597,699.3617	2,302,799.0137
[12664] IR FOUND	60+80.13	24.90'RT	597,530.2099	2,302,637.6147
EX. ROW	60+79.26	25.09'LT	597,480.2052	2,302,637.2023
[1646] IR FOUND	60+80.57	24.74'LT	597,480.5930	2,302,635.9000
EX. ROW	1955+98.55	79.72'LT	597,305.2122	2,302,635.7603
[1295] PIPE FOUND	1965+09.85	515.57'LT	598,219.9951	2,302,207.2759
[1648] IR FOUND	63+60.42	198.87'LT	597,311.2411	2,302,387.0149
[9670] IR FOUND	63+30.04	24.68'LT	597,486.2357	2,302,388.3951
EX. ROW	63+30.49	24.65'LT	597,486.2451	2,302,387.9852
EX. ROW	63+72.56	32.31'RT	597,537.4525	2,302,338.7975
EX. ROW	63+73.41	27.75'RT	597,532.8052	2,302,338.7609
PR. ROW/EX. ROW	66+34.00	71.92'LT	597,317.0378	2,302,147.7718
PR. ROW/EX. ROW	65+25.12	25.31'LT	597,420.6971	2,302,223.5873
PR. ROW/EX. ROW	65+24.23	25.13'RT	597,461.7280	2,302,194.2292
PR. ROW	66+70.72	45.00'RT	597,410.7240	2,302,068.3464
PR. ROW	66+85.25	30.58'RT	597,392.9678	2,302,060.4773
PR. ROW/EX. ROW	67+13.54	22.44'RT	597,378.4346	2,302,037.2184

STATE OF ILLINOIS)
COUNTY OF WASHINGTON) SS

I, GARY S. MUELLER, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED 9/28/2012

GARY S. MUELLER, PLS NO. 3332
LICENSE EXPIRATION DATE: 11/30/2012

ASSOCIATED PROFESSIONALS, INC.
17625 Mockingbird Road, P.O. Box 311
Nashville, Illinois 62263
Ph. 618-478-9000 Fax 618-478-9001
web: www.apisurvey.com
IDPR Design Firm License No. 184-001303

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 312 (IL 3)
FAU ROUTE 9324
(RELOCATED VANDEBROOK DRIVE)
SECTION 68-R-1
MONROE COUNTY
JOB NO. R-98-007-04
STATION 1953+00 TO STATION 1968+00

60' 0 60' 120'
SCALE: 1" = 60'

SHEET 5 OF 12

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINGSVILLE, ILLINOIS 62234-6198

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	40

CONTRACT NO. 76F51

FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT

* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	EASEMENTS			PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY			
			FEE SIMPLE ACQUISITION ACRES	SO. FT.	REMAINDER ACRES					
8407011	PAUL H. NOBBE, TRUSTEE TITLE REPORT NO. MW-236.0	0.7074	0.1046	4,556	0.6028	10-01-200-001-000(PT)				
8407014	PAUL H. NOBBE, TRUSTEE TITLE REPORT NO. MW-236.0	33.3227	A 0.0013 B 4.9794 TOTAL 4.9807	A 59 B 216,902 TOTAL 216,961	28.3420	TUP-A 0.0115 TUP-B 0.0115 TOTAL 0.0230	TUP-A 500 TUP-B 500 TOTAL 1,000	TUP-A&B ENTRANCE CONSTRUCTION	10-01-200-001-000(PT)	
8407015	R & B KOLDEHOFF PARTNERSHIP TITLE REPORT NO. MW-175.0	10.0000	0.1394	6,071	9.8606				10-01-200-003-000	

*PAUL H. NOBBE, TRUSTEE OF THE NOBBE BROTHERS LAND TRUST #1 UNDER AGREEMENT DATED DECEMBER 31, 2007, KNOWN AS THE NOBBE BROTHERS LAND TRUST NO. 1
FAU 9324(VANDEBROOK DR.) CONSTRUCTION SECTION 68-R-1 MONROE COUNTY JOB # R-98-007-04

SEE SHEET 4

PART OF THE SE 1/4 OF SECTION 36, T. 2 S., R. 10 W., OF THE 3RD P.M., MONROE COUNTY, ILLINOIS

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

SEE SHEET 3

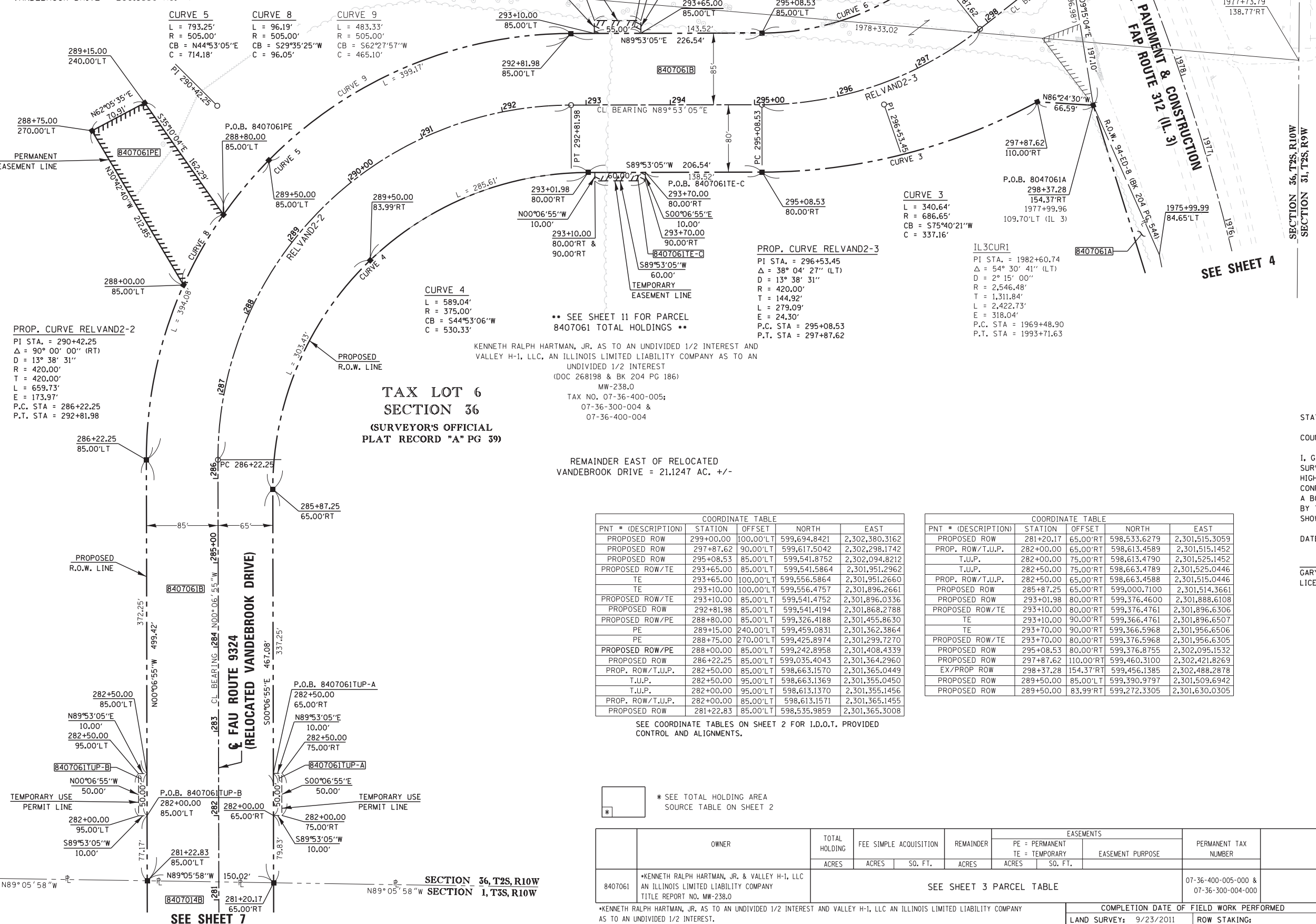


SPACE RESERVED FOR RECORDING OFFICER

TAX LOT 4-A
SECTION 36
(SURVEYOR'S OFFICIAL
PLAT RECORD "A" PG 39)

TAX LOT 4-A
TAX LOT 6

REMAINDER WEST OF RELOCATED
VANDEBROOK DRIVE = 200.3550 AC. +/-



PROP. CURVE RELVAND2-2
PI STA. = 290+42.25
Δ = 90° 00' 00" (RT)
D = 13° 38' 31"
R = 420.00'
T = 420.00'
L = 659.73'
E = 173.97'
P.C. STA = 286+22.25
P.T. STA = 292+81.98

CURVE 4
L = 589.04'
R = 375.00'
CB = S44°53'06"W
C = 530.33'

TAX LOT 6
SECTION 36
(SURVEYOR'S OFFICIAL
PLAT RECORD "A" PG 39)

KENNETH RALPH HARTMAN, JR. AS TO AN UNDIVIDED 1/2 INTEREST AND
VALLEY H-1, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY AS TO AN
UNDIVIDED 1/2 INTEREST
(DOC 268198 & BK 204 PG 186)
MW-238.0
TAX NO. 07-36-400-005;
07-36-300-004 &
07-36-400-004

REMAINDER EAST OF RELOCATED
VANDEBROOK DRIVE = 211.247 AC. +/-

COORDINATE TABLE				
PNT # (DESCRIPTION)	STATION	OFFSET	NORTH	EAST
PROPOSED ROW	299+00.00	100.00'LT	599,694.8421	2,302,380.3162
PROPOSED ROW	297+87.62	90.00'LT	599,617.5042	2,302,298.1742
PROPOSED ROW	295+08.53	85.00'LT	599,541.8752	2,302,094.8212
PROPOSED ROW/TE	293+65.00	85.00'LT	599,541.5864	2,301,951.2962
TE	293+65.00	100.00'LT	599,556.5864	2,301,951.2660
TE	293+10.00	100.00'LT	599,556.4757	2,301,896.2661
PROPOSED ROW/TE	293+10.00	85.00'LT	599,541.4752	2,301,896.0336
PROPOSED ROW	292+81.98	85.00'LT	599,541.4194	2,301,868.2788
PROPOSED ROW/PE	288+80.00	85.00'LT	599,326.4188	2,301,455.8630
PE	289+15.00	240.00'LT	599,459.0831	2,301,362.3864
PE	288+75.00	270.00'LT	599,425.8974	2,301,299.7270
PROPOSED ROW/PE	288+00.00	85.00'LT	599,242.8958	2,301,408.4339
PROPOSED ROW	286+22.25	85.00'LT	599,035.4043	2,301,364.2960
PROP. ROW/T.U.P.	282+50.00	85.00'LT	598,663.1570	2,301,365.0449
T.U.P.	282+50.00	95.00'LT	598,663.1369	2,301,355.0450
T.U.P.	282+00.00	95.00'LT	598,613.1370	2,301,355.1456
PROP. ROW/T.U.P.	282+00.00	85.00'LT	598,613.1571	2,301,365.1455
PROPOSED ROW	281+22.83	85.00'LT	598,535.9859	2,301,365.3008

COORDINATE TABLE				
PNT # (DESCRIPTION)	STATION	OFFSET	NORTH	EAST
PROPOSED ROW	281+20.17	65.00'RT	598,533.6279	2,301,515.3059
PROP. ROW/T.U.P.	282+00.00	65.00'RT	598,613.4589	2,301,515.1452
T.U.P.	282+00.00	75.00'RT	598,613.4790	2,301,525.1452
T.U.P.	282+50.00	75.00'RT	598,663.4789	2,301,525.0446
PROP. ROW/T.U.P.	282+50.00	65.00'RT	598,663.4588	2,301,515.0446
PROPOSED ROW	285+87.25	65.00'RT	599,000.7100	2,301,514.3661
PROPOSED ROW	293+01.98	80.00'RT	599,376.4600	2,301,888.6108
PROPOSED ROW/TE	293+10.00	80.00'RT	599,376.4761	2,301,896.6306
TE	293+10.00	90.00'RT	599,366.4761	2,301,896.6507
TE	293+70.00	90.00'RT	599,366.5968	2,301,956.6506
PROPOSED ROW/TE	293+70.00	80.00'RT	599,376.5968	2,301,956.6305
PROPOSED ROW	295+08.53	80.00'RT	599,376.8755	2,302,095.1532
PROPOSED ROW	297+87.62	110.00'RT	599,460.3100	2,302,421.8269
EX/PROP ROW	298+37.28	154.37'RT	599,456.1385	2,302,488.2878
PROPOSED ROW	289+50.00	85.00'LT	599,390.9797	2,301,509.6942
PROPOSED ROW	289+50.00	83.99'RT	599,272.3305	2,301,630.0305

SEE COORDINATE TABLES ON SHEET 2 FOR I.D.O.T. PROVIDED CONTROL AND ALIGNMENTS.

* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION ACRES	REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER
				PE = PERMANENT ACRES	TE = TEMPORARY ACRES	
8407061	*KENNETH RALPH HARTMAN, JR. AS TO AN UNDIVIDED 1/2 INTEREST AND VALLEY H-1, LLC AN ILLINOIS LIMITED LIABILITY COMPANY TITLE REPORT NO. MW-238.0					07-36-400-005-000 & 07-36-300-004-000

STATE OF ILLINOIS)
) SS
COUNTY OF WASHINGTON)

I, GARY S. MUELLER, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED 9/28/2012

GARY S. MUELLER, PLS NO. 3332
LICENSE EXPIRATION DATE: 11/30/2012



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ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAU ROUTE 312 (IL 3)
FAU ROUTE 9324
(RELOCATED VANDEBROOK DRIVE)
SECTION 68-R-1
MONROE COUNTY
JOB NO. R-98-007-04
STATION 281+00 TO STATION 300+00 (FAU 9324)

SCALE: 1" = 60'

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINGSVILLE, ILLINOIS 62234-6198

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	41

CONTRACT NO. 76F51
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT

PART OF THE NE 1/4 OF SECTION 1, T. 3 S., R. 10 W., OF THE 3RD P.M., MONROE COUNTY, ILLINOIS

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

SPACE RESERVED FOR RECORDING OFFICER



TAX LOT 6
SURVEYOR'S OFFICIAL
PLAT RECORD "A" PG 99

TAX LOT 2
SURVEYOR'S OFFICIAL
PLAT RECORD "A" PG 40

PART OF TAX LOT 1
SURVEYOR'S OFFICIAL
PLAT RECORD "A" PG 40

PART OF TAX LOT 1
SURVEYOR'S OFFICIAL
PLAT RECORD "A" PG 40

TAX LOT 3-A
SURVEYOR'S OFFICIAL
PLAT RECORD "A" PG 40

TAX LOT 3-B
SURVEYOR'S OFFICIAL
PLAT RECORD "A" PG 40

COORDINATE TABLE				
PNT # (DESCRIPTION)	STATION	OFFSET	NORTH	EAST
PROPOSED ROW	281+20.17	65.00'RT	598,533.6279	2,301,515.3059
PROPOSED ROW/T.U.P.	280+50.00	65.00'RT	598,463.4592	2,301,515.4471
T.U.P.	280+50.00	75.00'RT	598,463.4794	2,301,525.4470
T.U.P.	280+00.00	75.00'RT	598,413.4795	2,301,525.5476
PROP. ROW/T.U.P.	280+00.00	65.00'RT	598,413.4593	2,301,515.5477
PROPOSED ROW	281+22.83	85.00'LT	598,535.9859	2,301,365.3008
PROP. ROW/T.U.P.	280+50.00	85.00'LT	598,463.1574	2,301,365.4474
T.U.P.	280+50.00	95.00'LT	598,463.1373	2,301,355.4474
T.U.P.	280+00.00	95.00'LT	598,413.1374	2,301,355.5480
PROP. ROW/T.U.P.	280+00.00	85.00'LT	598,413.1575	2,301,365.5480
PROPOSED ROW	275+50.00	65.00'RT	597,963.4602	2,301,516.4531
PR. ROW/EX. ROW	270+82.92	213.52'RT	597,382.3277	2,301,517.6224
TE	72+60.00	25.06'LT	597,332.8418	2,301,495.8056
TE	72+60.00	50.06'LT	597,307.8474	2,301,495.2725
TE	73+35.00	49.84'LT	597,309.6647	2,301,420.2945
TE	73+35.00	24.84'LT	597,334.6591	2,301,420.8276
PR. ROW/EX. ROW	268+44.08	50.00'RT	597,340.6645	2,301,173.0551
PROPOSED ROW	267+05.10	50.00'RT	597,319.0912	2,301,019.7524
PROPOSED ROW	265+25.00	34.97'RT	597,338.7317	2,300,840.0946
PR. ROW/EX. ROW	265+25.00	24.97'RT	597,348.7284	2,300,840.3510
EX. ROW/SE LOT 106	265+49.39	25.06'LT	597,398.1210	2,300,866.0186
[1289] PIPE FOUND	265+48.67	25.37'LT	597,398.4450	2,300,865.3060
[1287] PIPE FOUND	265+36.14	122.58'LT	597,495.9461	2,300,855.2680
PROPOSED ROW	265+46.70	44.88'LT	597,418.0013	2,300,863.8338
PROPOSED ROW	266+00.00	65.00'LT	597,436.7482	2,300,917.6332
PROPOSED ROW	267+11.84	64.95'LT	597,433.9074	2,301,028.3926
PROPOSED ROW	273+44.98	84.06'LT	597,764.4629	2,301,366.8532
PROPOSED ROW	270+00.00	67.45'LT	597,514.0249	2,301,252.5225
[1283] IR FOUND	1968+00.00	0.00'	598,545.8171	2,302,739.8910
PR. ROW/EX. ROW	66+34.00	71.92'LT	597,317.0378	2,302,147.7718
[1001] PLUG FOUND	1968+00.00	0.00'	598,506.7791	2,302,725.1669

SEE COORDINATE TABLES ON SHEET 2 FOR I.D.O.T. PROVIDED CONTROL AND ALIGNMENTS.

STATE OF ILLINOIS)
) SS
COUNTY OF WASHINGTON)

I, GARY S. MUELLER, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED 9/28/2012
GARY S. MUELLER, PLS NO. 3332
LICENSE EXPIRATION DATE: 11/30/2012



SEE SHEET 6

ASSOCIATED PROFESSIONALS, INC.
17625 Mockingbird Road, P.O. Box 311
Nashville, Illinois 62263
Ph. 618-478-9000 Fax 618-478-9001
web: www.apisurvey.com
IDPR Design Firm License No. 184-001303

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 312 (IL 3)
FAU ROUTE 9324
(RELOCATED VANDEBROOK DRIVE)
SECTION 68-R-1
MONROE COUNTY
JOB NO. R-98-007-04
STATION 264+00 TO STATION 281+00

SCALE: 1" = 60'
SHEET 7 OF 12

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINGSVILLE, ILLINOIS 62234-6198

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	42

COMPLETION DATE OF FIELD WORK PERFORMED
LAND SURVEY: 9/23/2011 ROW STAKING:
CONTRACT NO. 76F51
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT

* SEE TOTAL HOLDING AREA SOURCE TABLE ON SHEET 2

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION ACRES	REMAINDER SO. FT.	REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
						PE = PERMANENT ACRES	TE = TEMPORARY SO. FT.		
8407013	VALLEY H-1, LLC AN ILLINOIS LIMITED LIABILITY COMPANY TITLE REPORT NO. MW-241.0	70.6400	0.1325	5,770	70.5075	TE 0.0430	TE 1.875	ENTRANCE CONSTRUCTION	10-01-200-006-000
8407014	*PAUL H. NOBBE, TRUSTEE TITLE REPORT NO. MW-236.0	SEE SHEET 5 PARCEL TABLE							

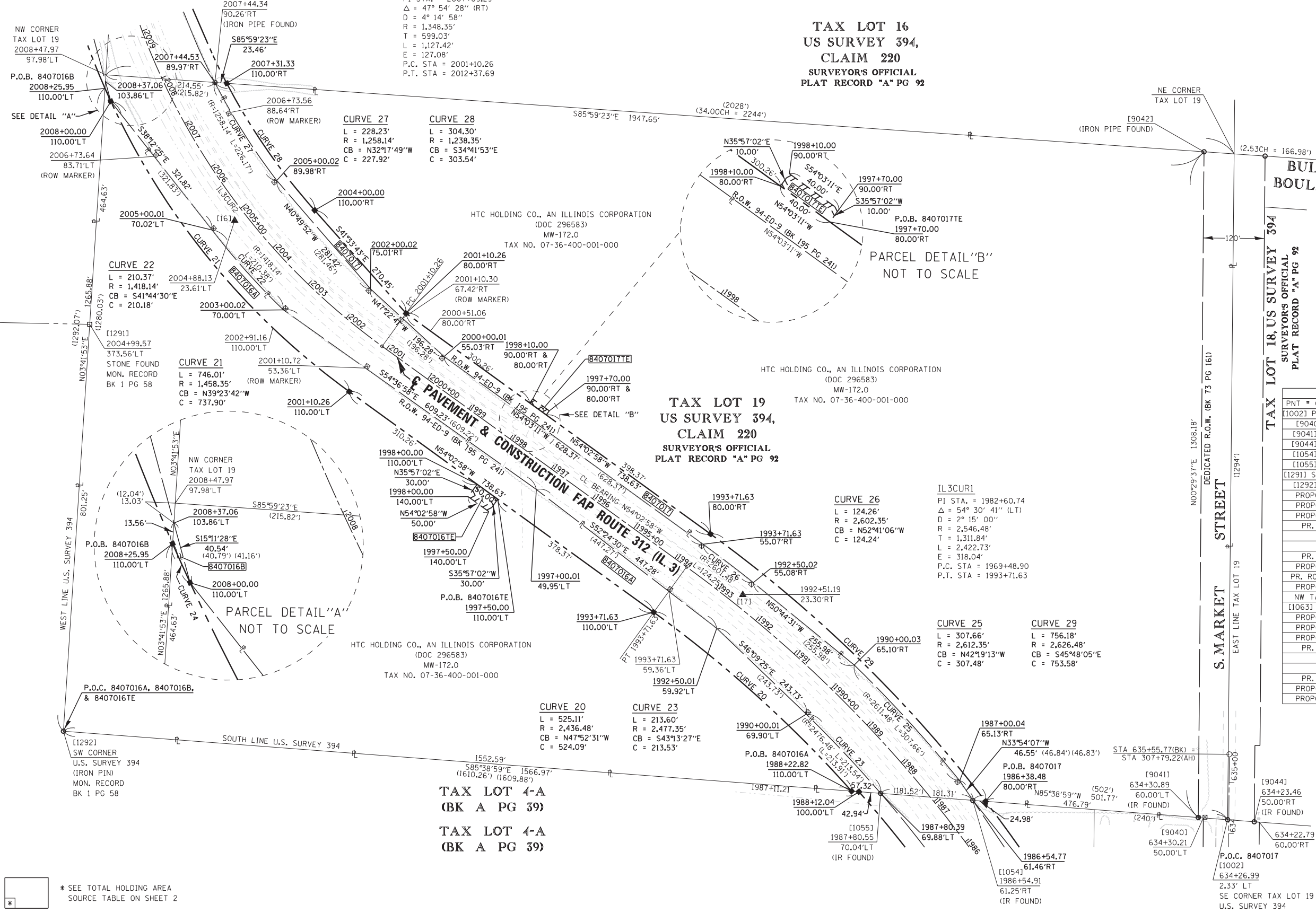
*PAUL H. NOBBE, TRUSTEE OF THE NOBBE BROTHERS LAND TRUST #1 UNDER AGREEMENT DATED DECEMBER 31, 2007, KNOWN AS THE NOBBE BROTHERS LAND TRUST NO. 1

PART OF U.S. SURVEY 394 OF THE E 1/2 OF SECTION 36, T. 2 S., R. 10 W., OF THE 3RD P.M., MONROE COUNTY, ILLINOIS



SPACE RESERVED FOR RECORDING OFFICER

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2
SEE COORDINATE TABLES ON SHEET 2 FOR I.D.O.T. PROVIDED CONTROL AND ALIGNMENTS.



TAX LOT 16
US SURVEY 394,
CLAIM 220
SURVEYOR'S OFFICIAL
PLAT RECORD "A" PG 92

TAX LOT 19
US SURVEY 394,
CLAIM 220
SURVEYOR'S OFFICIAL
PLAT RECORD "A" PG 92

TAX LOT 4-A
(BK A PG 39)
TAX LOT 4-A
(BK A PG 39)

BULLDOG BOULEVARD

S. MARKET STREET

STATE OF ILLINOIS)
COUNTY OF WASHINGTON) SS

I, GARY S. MUELLER, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED 6/14/2012

GARY S. MUELLER, PLS NO. 3332
LICENSE EXPIRATION DATE: 11/30/2012



SHEET 8 COORDINATE TABLE

PNT # (DESCRIPTION)	STATION	OFFSET	NORTH	EAST
[1002] PK NAIL FOUND	634+26.99	2.33'LT	600,240.0829	2,302,737.6160
[9040] EX. ROW	634+30.21	50.00'LT	600,243.7011	2,302,690.0515
[9041] IR FOUND	634+30.89	60.00'LT	600,244.4614	2,302,680.0576
[9044] IR FOUND	634+23.46	50.00'RT	600,236.0985	2,302,789.9904
[1054] IR FOUND	1986+54.91	61.25'RT	600,278.1280	2,302,237.0340
[1055] IR FOUND	1987+80.55	70.04'LT	600,291.9330	2,302,056.0260
[1291] STONE FOUND	2004+99.60	373.62'LT	601,213.6137	2,300,502.6659
[1292] IR FOUND			600,414.0324	2,300,450.9856
PROPOSED ROW	1988+12.04	100.00'LT	600,295.1730	2,302,013.4364
PROPOSED ROW	1988+22.82	110.00'LT	600,296.2636	2,301,999.1004
PROPOSED ROW	1993+71.63	110.00'LT	600,647.7955	2,301,610.3877
PR. ROW/TE	1997+50.00	110.00'LT	600,869.9294	2,301,304.0908
TE	1997+50.00	140.00'LT	600,845.6437	2,301,286.4782
TE	1998+00.00	140.00'LT	600,874.9980	2,301,246.0020
PR. ROW/TE	1998+00.00	110.00'LT	600,899.2837	2,301,263.6146
PROPOSED ROW	2001+10.26	110.00'LT	601,081.4353	2,301,012.4487
PR. ROW/EX. ROW	2008+00.00	110.00'LT	601,651.6761	2,300,544.1326
PROPOSED ROW	2008+25.95	110.00'LT	601,677.2743	2,300,532.6342
NW TAX LOT 19	2008+47.97	97.98'LT	601,703.8111	2,300,534.3492
[1063] PIPE FOUND	2007+44.34	90.26'RT	601,688.7830	2,300,748.7110
PROPOSED ROW	2007+31.33	110.00'LT	601,687.1658	2,300,771.7804
PROPOSED ROW	2004+00.00	110.00'RT	601,437.6099	2,300,944.5681
PROPOSED ROW	2001+10.26	80.00'RT	601,235.2449	2,301,123.9951
PR. ROW/TE	1998+10.00	80.00'RT	601,058.9642	2,301,367.0658
TE	1998+10.00	90.00'RT	601,067.0594	2,301,372.9366
TE	1997+70.00	90.00'RT	601,043.5760	2,301,405.3176
PR. ROW/TE	1997+70.00	80.00'RT	601,035.4807	2,301,399.4467
PROPOSED ROW	1993+71.63	80.00'RT	600,801.6025	2,301,721.9377
PROPOSED ROW	1986+38.48	80.00'RT	600,276.2490	2,302,262.1989

ASSOCIATED PROFESSIONALS, INC.
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IDPR Design Firm License No. 184-001303

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 312 (IL 3)
FAU ROUTE 9324
(VANDEBROOK DRIVE)
SECTION 68-R-1
MONROE COUNTY
JOB NO. R-98-007-04
STATION 1987+00 TO STATION 2009+00

SCALE: 1" = 100'

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

F.A.U. RT. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	43

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY:	ROW STAKING:

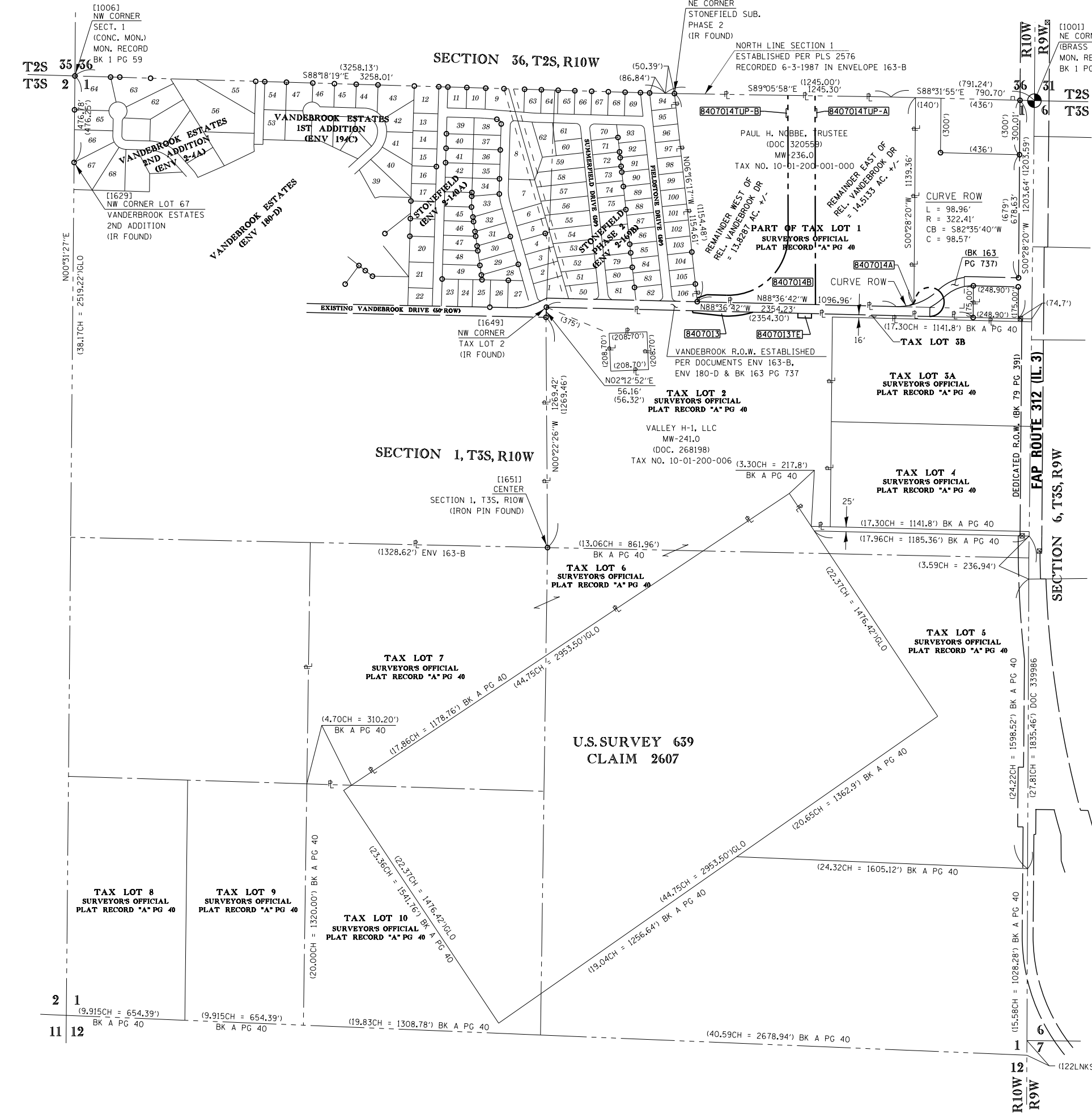
PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION			REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
			ACRES	SO. FT.	ACRES		PE = PERMANENT TE = TEMPORARY	EASEMENT PURPOSE		
8407016	HTC HOLDING CO., AN ILLINOIS CORPORATION TITLE REPORT NO. MW-172.0	38.7223	A 2.1348 B 0.0020	A 92,993 B 90	36.5855	TE 0.0344 TE 1.499	GRADING & ENTRANCE CONSTRUCTION	07-36-400-001-000		
8407017	HTC HOLDING CO., AN ILLINOIS CORPORATION TITLE REPORT NO. MW-172.0	22.2662	0.9895	43,104	21.2767	TE 0.0091 TE 399	ENTRANCE CONSTRUCTION	07-36-400-001-000		

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2



SPACE RESERVED FOR RECORDING OFFICER

TOTAL HOLDING SKETCH PARCELS 8407013 & 8407014



SHEET 5 COORDINATE TABLE				
PNT # (DESCRIPTION)	STATION	OFFSET	NORTH	EAST
[1001] PLUG FOUND NE CORNER SECT. 1	1968+00.00	0.00'	598,506.7791	2,302,725.1669
[1283] IR FOUND NE CORN. STONEFIELD SUB. PHASE 2			598,545.8171	2,300,739.8910
[1006] CONC. MON. FOUND NE CORNER SECTION 1			598,642.9611	2,297,432.9900
[1629] IR FOUND NW CORNER LOT 67 VANDERBROOK ESTATES 2ND ADDITION			598,166.2043	2,297,428.6283
[1649] IR FOUND NW CORNER TAX LOT 2 OF SECT. 1			597,368.2851	2,300,033.4720
[1651] IR FOUND CENTER OF SECTION 1			596,042.7720	2,300,039.5850

SEE COORDINATE TABLES ON SHEET 2 FOR I.D.O.T. PROVIDED CONTROL AND ALIGNMENTS.

ASSOCIATED PROFESSIONALS, INC.

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IDPR Design Firm License No. 184-001303

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
FAP ROUTE 312 (IL 3)
FAU ROUTE 9324
(RELOCATED VANDERBROOK DRIVE)
SECTION 68-R-1
MONROE COUNTY
JOB NO. R-98-007-04
TOTAL HOLDING PARCELS 8407013 & 8407014

9/28/2012

300' 0 300' 600'
SCALE: 1" = 300' SHEET 9 OF 12

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	44

CONTRACT NO. 76F51

FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT



GARY S. MUELLER, IPLS # 3332
EXPIRATION DATE: 11-30-2012

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 9/23/2011	ROW STAKING:

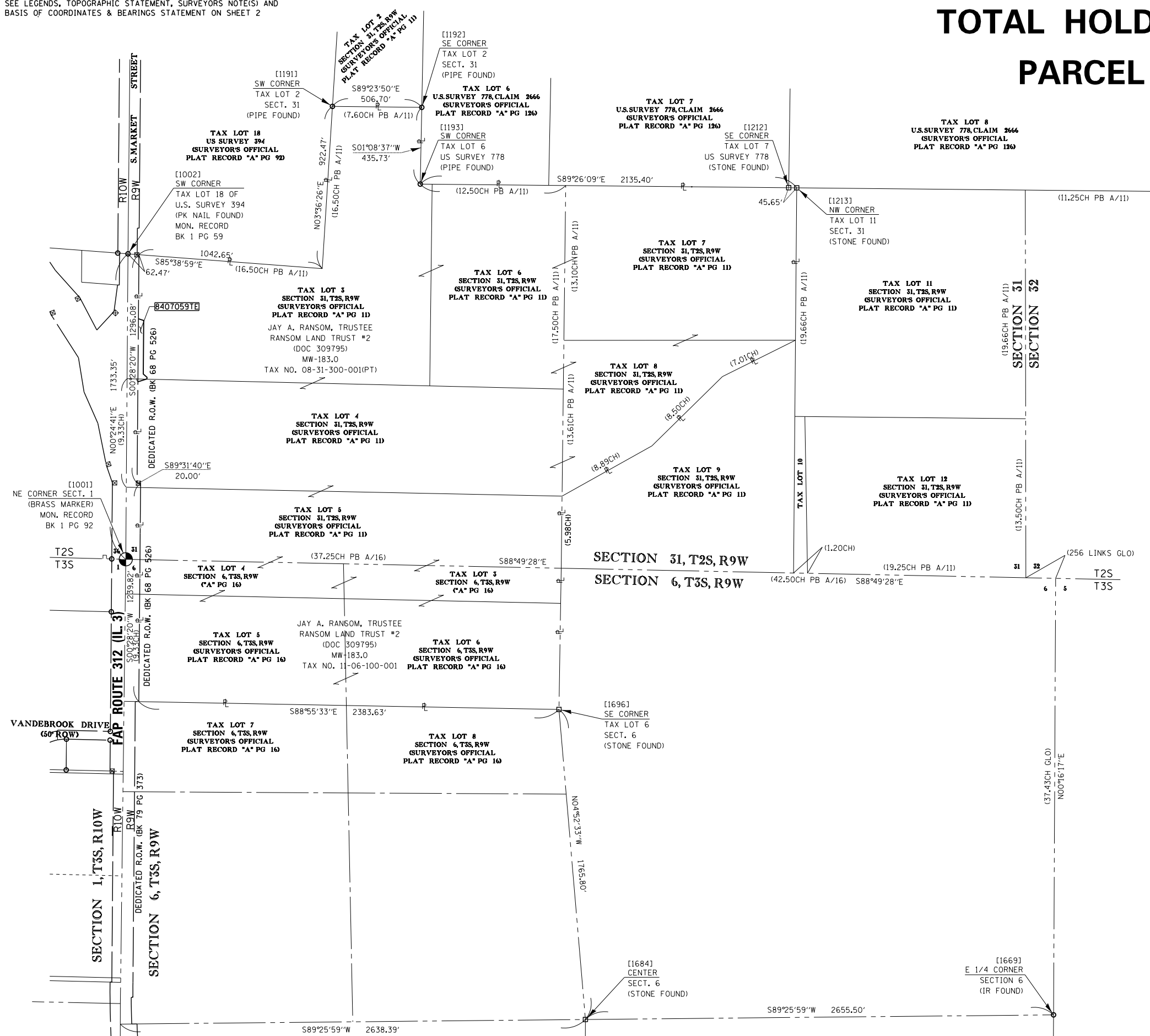
TOTAL HOLDING SKETCH

PARCEL 8407059



SPACE RESERVED FOR RECORDING OFFICER

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2



SHEET 10 COORDINATE TABLE				
PNT # (DESCRIPTION)	STATION	OFFSET	NORTH	EAST
[1001] PLUG FOUND NE CORNER SECT. 1	1968+00.00	0.00'	598,506.7791	2,302,725.1669
[1002] PK NAIL FOUND SW CORN. TAX LOT 18 U.S. SURVEY 394	634+26.99	2.33'LT	600,240.0829	2,302,737.6160
[1191] PIPE FOUND SW CORNER TAX LOT 2, SECT. 31			601,076.8951	2,303,897.5869
[1192] PIPE FOUND SE CORNER TAX LOT 2, SECT. 31			601,071.5646	2,304,404.2586
[1193] PIPE FOUND SW CORNER TAX LOT 6 OF U.S. SURVEY 778			600,635.9211	2,304,395.5630
[1212] STONE FOUND SE CORNER TAX LOT 7 OF U.S. SURVEY 778			600,615.3593	2,306,485.2099
[1213] STONE FOUND NW CORNER TAX LOT 11, SECT. 31			600,614.8992	2,306,530.8575
[1669] IR FOUND E 1/4 CORNER SECTION 31			595,921.5392	2,307,987.6809
[1684] STONE FOUND CENTER SECTION 31			595,895.2572	2,305,332.3139
[1696] STONE FOUND SE CORNER TAX LOT 6 OF SECT. 6			597,654.6721	2,305,182.2269

ASSOCIATED PROFESSIONALS, INC.

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 IDPR Design Firm License No. 184-001303

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 312 (IL 3)
 FAU ROUTE 9324
 (REL. VANDEBROOK DRIVE)
 SECTION 68-R-1
 MONROE COUNTY
 JOB NO. R-98-007-04
 TOTAL HOLDING PARCEL 8407059

300' 0 300' 600'

SCALE: 1" = 100' SHEET 10 OF

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINSVILLE, ILLINOIS 62234-6198

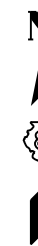
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	45

COMPLETION DATE OF FIELD WORK PERFORMED
 LAND SURVEY: ROW STAKING: CONTRACT NO. 76F51

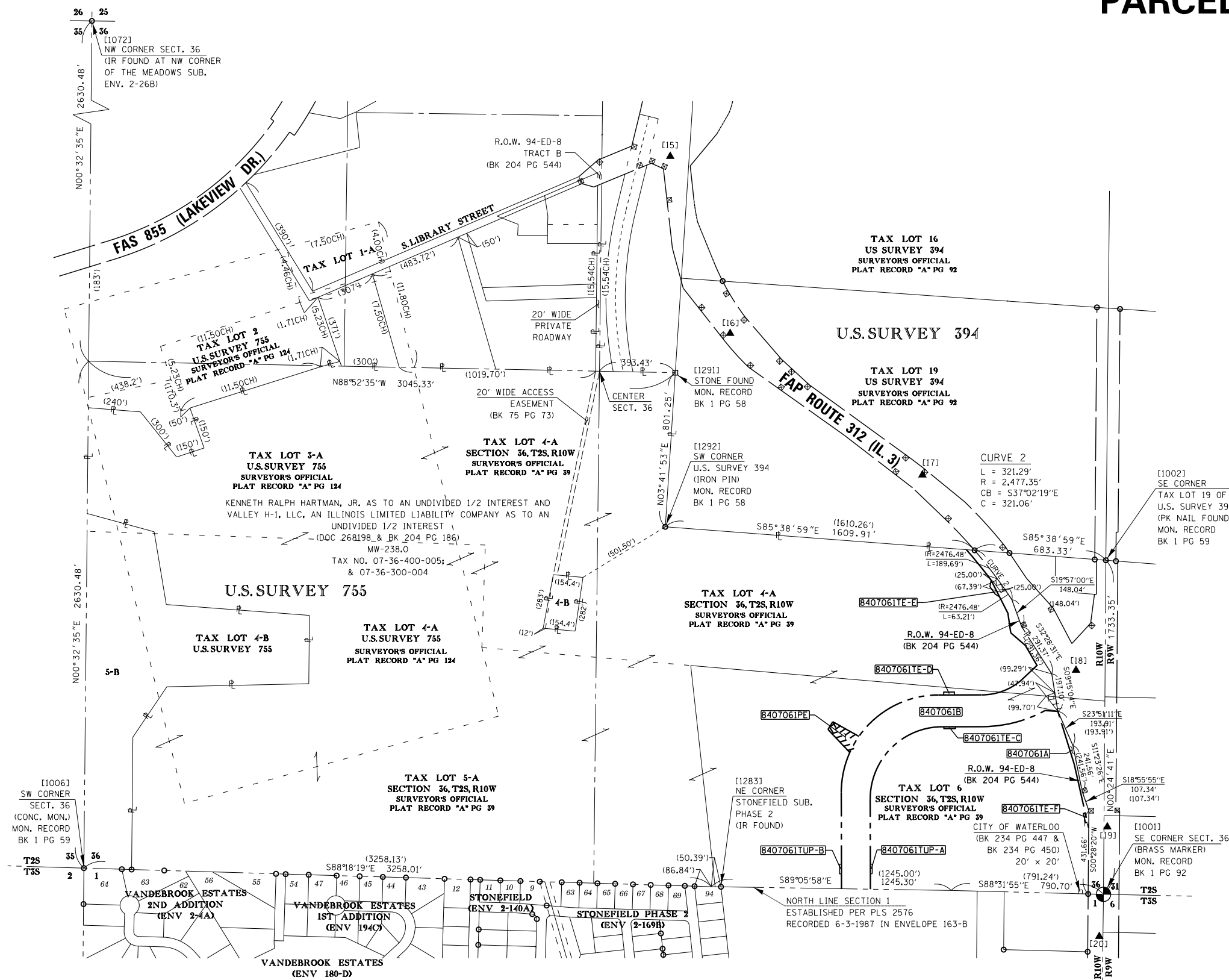
FED. ROAD DIST. NO. 8 (ILLINOIS) FED. AID PROJECT

SEE LEGENDS, TOPOGRAPHIC STATEMENT, SURVEYORS NOTE(S) AND BASIS OF COORDINATES & BEARINGS STATEMENT ON SHEET 2

TOTAL HOLDING SKETCH PARCEL 8407061



SPACE RESERVED FOR RECORDING OFFICER



SHEET 10 COORDINATE TABLE

PNT # (DESCRIPTION)	STATION	OFFSET	NORTH	EAST
[1001] PLUG FOUND SE CORNER SECT. 36	1968+00.00	0.00'	598,506.7791	2,302,725.1669
[1002] PK NAIL FOUND SE CORN. TAX LOT 19 U.S. SURVEY 394	634+26.99	2.33'LT	600,240.0829	2,302,737.6160
[1291] STONE FOUND	2004+99.60	373.62'LT	601,213.6150	2,300,502.5930
[1292] IR FOUND SW CORNER U.S. SURVEY 394			600,414.0325	2,300,450.9856
[1283] IR FOUND NE CORN. STONEFIELD SUB. PHASE 2			598,545.8171	2,300,739.8910
[1006] CONC. MON. FOUND SW CORNER SECTION 36			598,642.9611	2,297,432.9900
[1072] IR FOUND NW CORNER SECTION 36			603,903.6891	2,297,482.8480

SEE COORDINATE TABLES ON SHEET 2 FOR I.D.O.T. PROVIDED CONTROL AND ALIGNMENTS.

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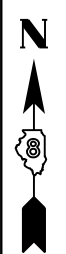
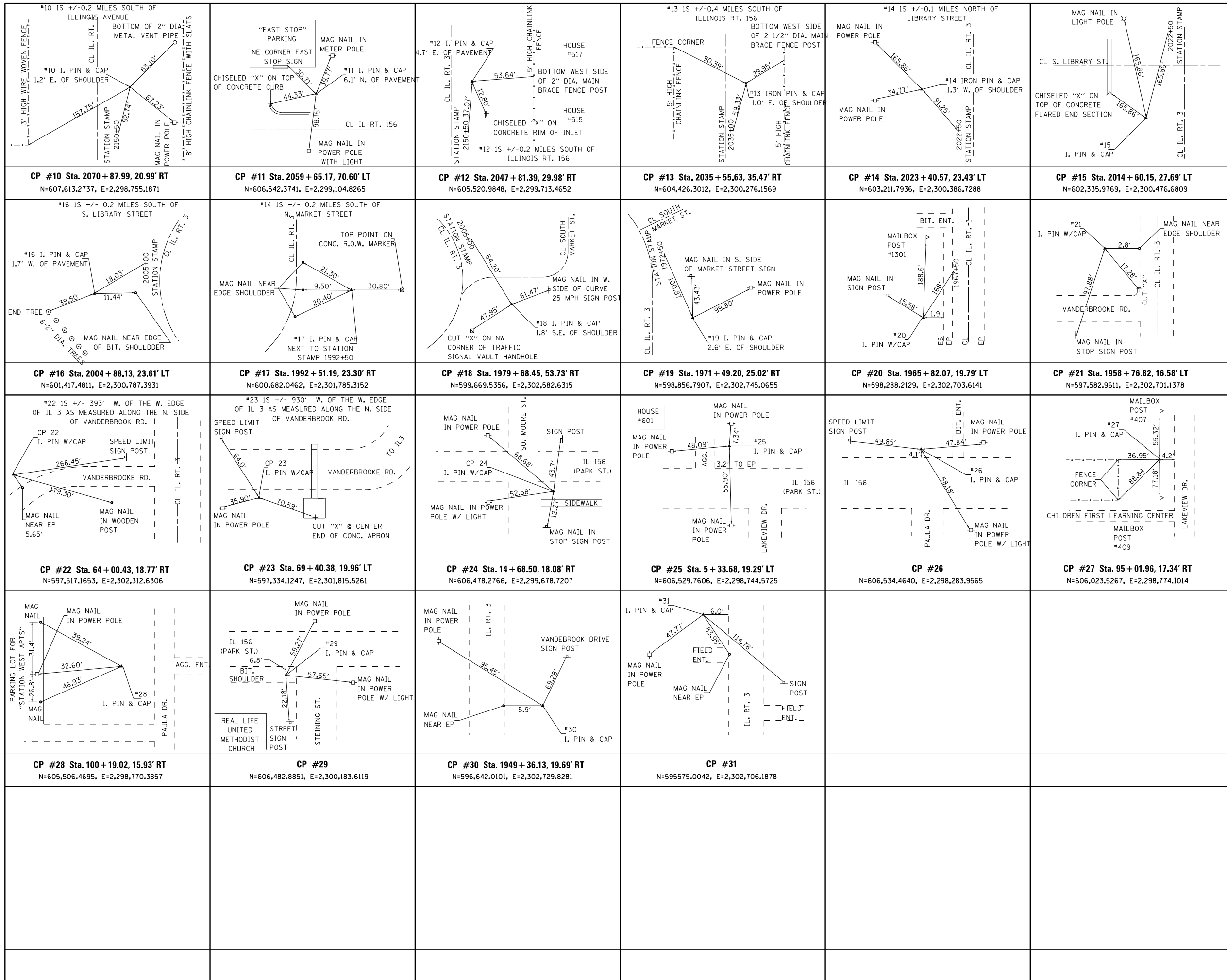
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
 FAP ROUTE 312 (IL 3)
 FAU ROUTE 9324
 (RELOCATED VANDEBROOK DRIVE)
 SECTION 68-R-1
 MONROE COUNTY
 JOB NO. R-98-007-04
 TOTAL HOLDING PARCEL 8407061

SCALE: 1" = 300' SHEET 11 OF 12

9/28/2012

GARY S. MUELLER, IPLS # 3332 EXPIRATION DATE: 11-30-2012			
COMPLETION DATE OF FIELD WORK PERFORMED			
LAND SURVEY: 9/23/2011	ROW STAKING:	F.A.U. RT.:	SHEET NO.
		9324	46
		COUNTY:	TOTAL SHEETS
		MONROE	192
		CONTRACT NO. 76F51	

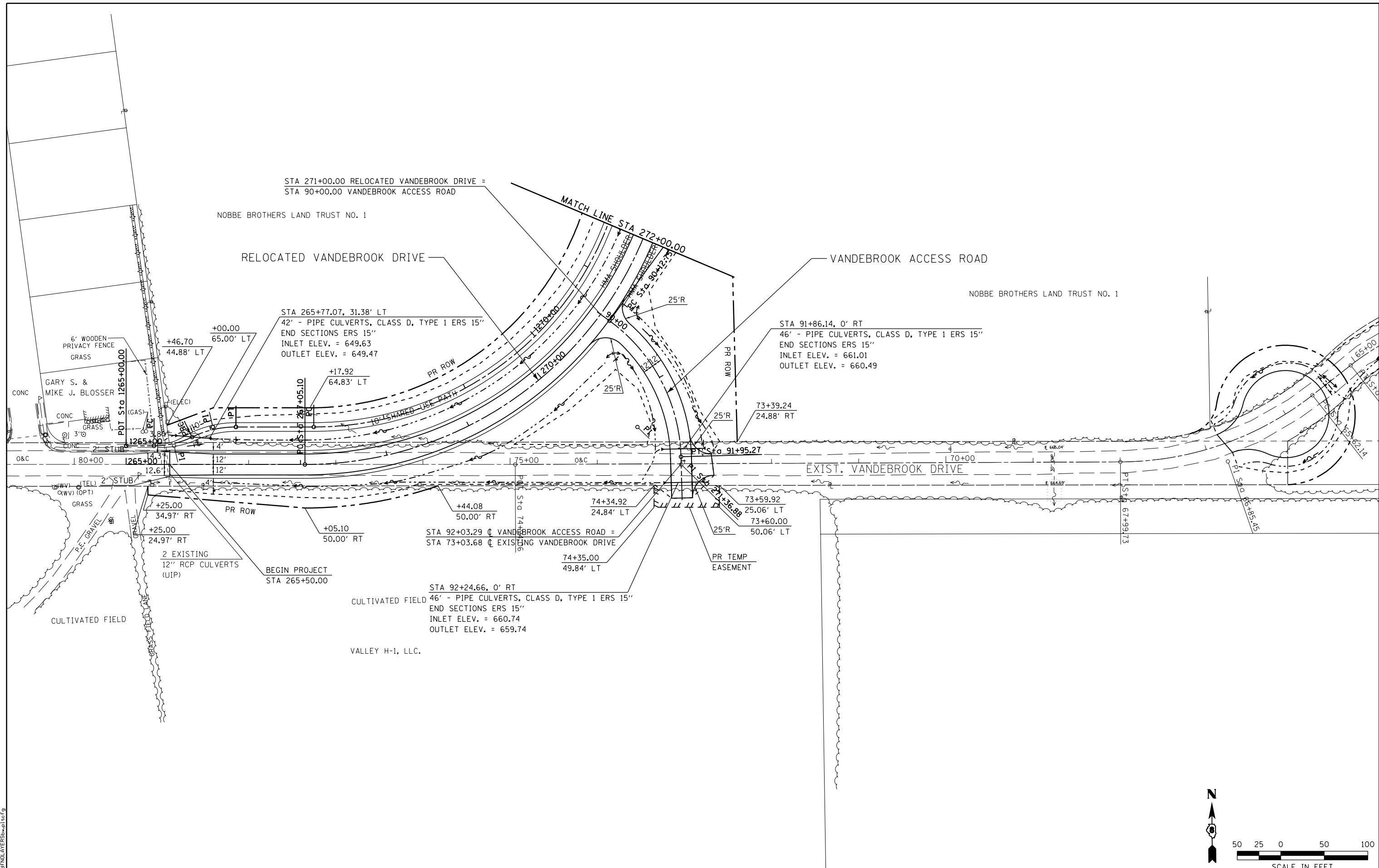
CONTROL TIE SHEET



SPACE RESERVED FOR RECORDING OFFICER

ASSOCIATED PROFESSIONALS, INC.
 17825 Mockingbird Road, P.O. Box 311
 Nashville, Illinois 62263
 Ph. 618-478-9000 Fax 618-478-9001
 web: www.apisurvey.com
 IDPR Design Firm License No. 184-001303

COMPLETION DATE OF FIELD WORK PERFORMED			
LAND SURVEY:	ROW STAKING:		
ILLINOIS DEPARTMENT OF TRANSPORTATION PLAT OF HIGHWAYS FAP ROUTE 312 (IL 3) FAU ROUTE 9324 (VANDEBROOK DRIVE) SECTION 68-R-1 MONROE COUNTY JOB NO. R-98-007-04 CONTROL TIE SHEET			
NOT TO SCALE			
SHEET 12 OF			
ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8 1102 EASTPORT PLAZA DRIVE COLLINSVILLE, ILLINOIS 62234-6198			
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS SHEET NO.
9324	68-R-1	MONROE	192 47
CONTRACT NO. 76F51			
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT			



LAST SAVED = 10/3/2012
 PEN TABLE = 100.0000
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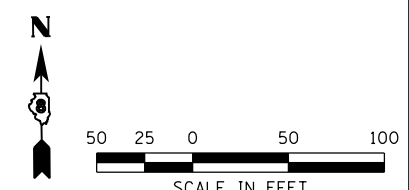
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



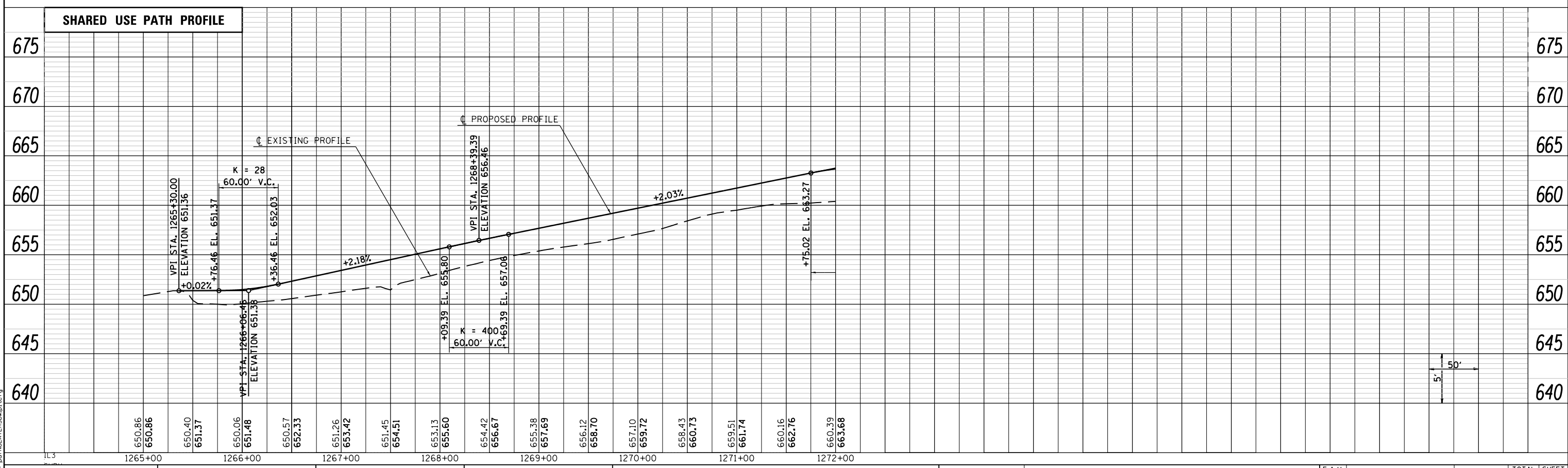
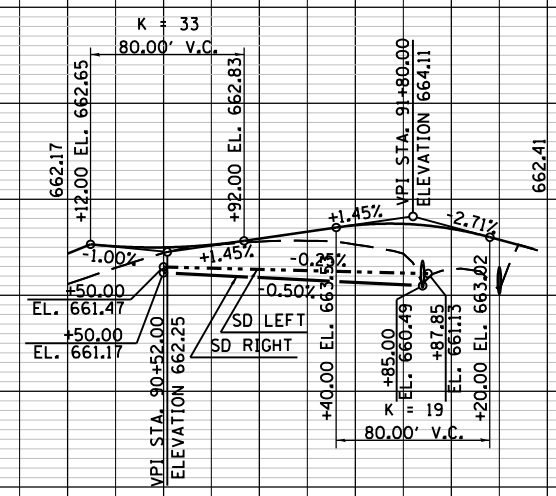
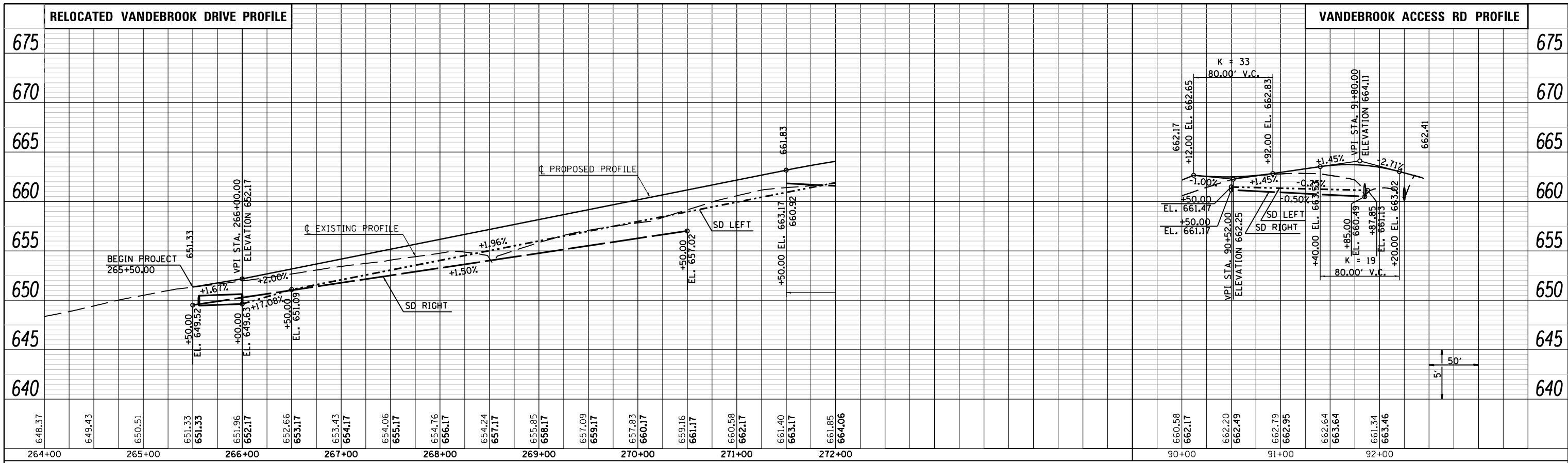
PLAN
 RELOCATED VANDEBROOK DRIVE
 STA. 265+37.54 TO STA. 272+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	48
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS OK'D		
	NO. _____		
	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS OK'D		
	NO. _____		
	CARD FILE NAME		



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

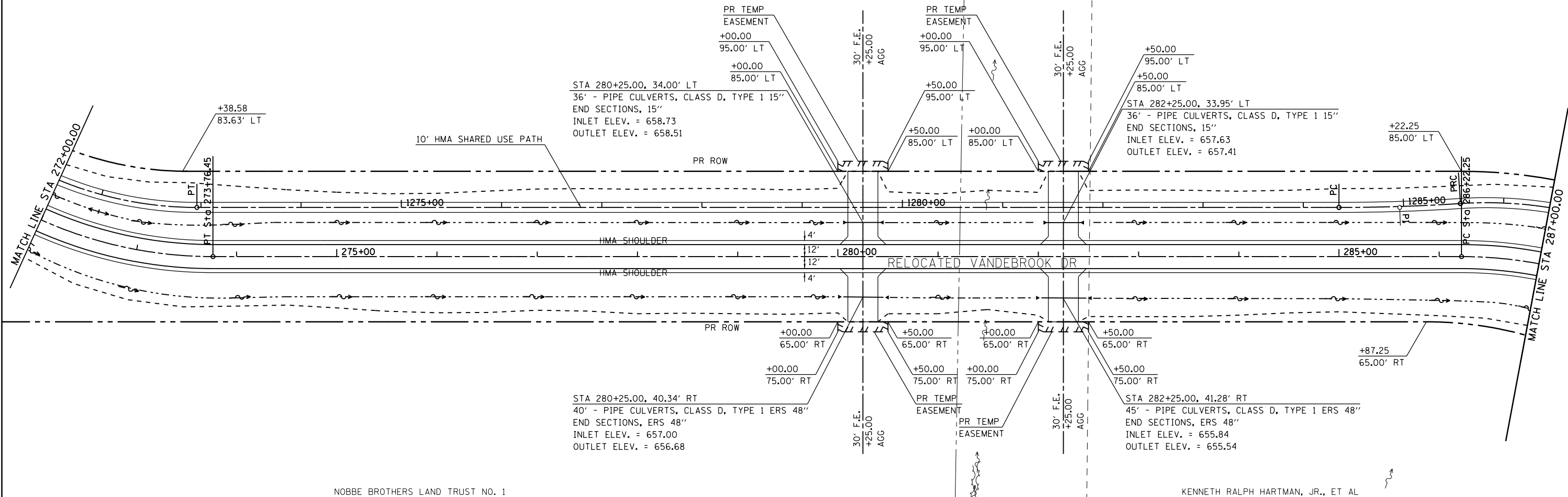


PROFILE
 RELOCATED VANDEBROOK DRIVE
 SCALE: 50H:5V
 SHEET NO. 2 OF 15 SHEETS
 STA. 265+37.54 TO STA. 272+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	49
				CONTRACT NO. 76F51
ILLINOIS FED. AID PROJECT				

NOBBE BROTHERS LAND TRUST NO. 1

KENNETH RALPH HARTMAN, JR., ET AL



NOBBE BROTHERS LAND TRUST NO. 1

KENNETH RALPH HARTMAN, JR., ET AL

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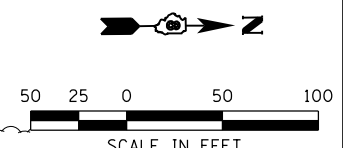
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

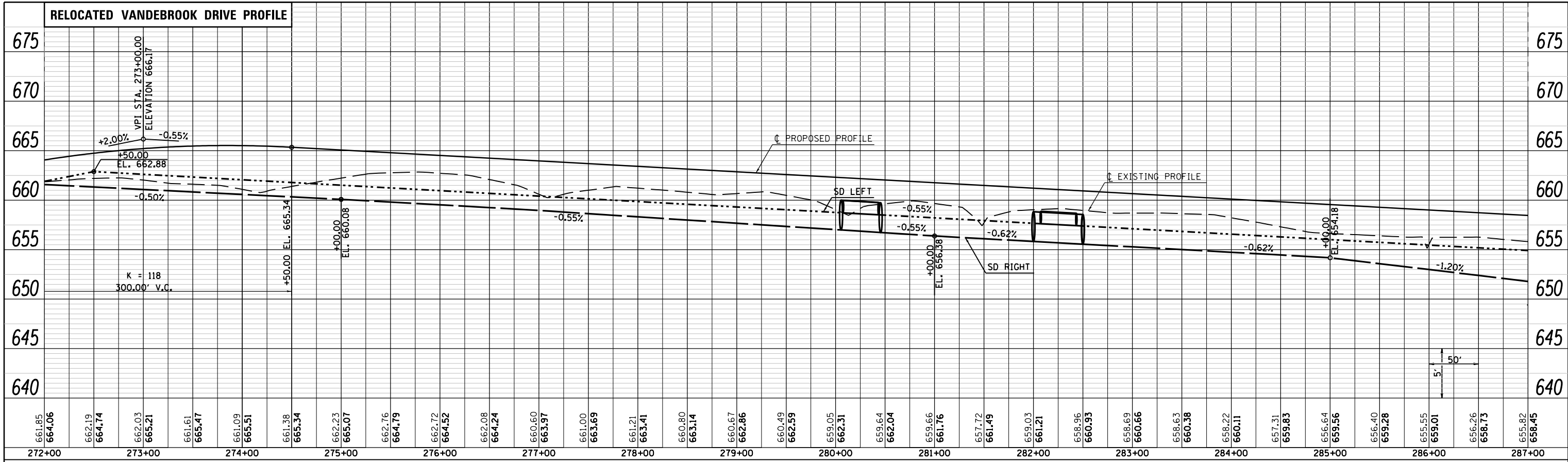


PLAN
 RELOCATED VANDEBROOK DRIVE
 SCALE: 1"=50'
 SHEET NO. 3 OF 15 SHEETS
 STA. 272+00.00 TO STA. 287+00.00

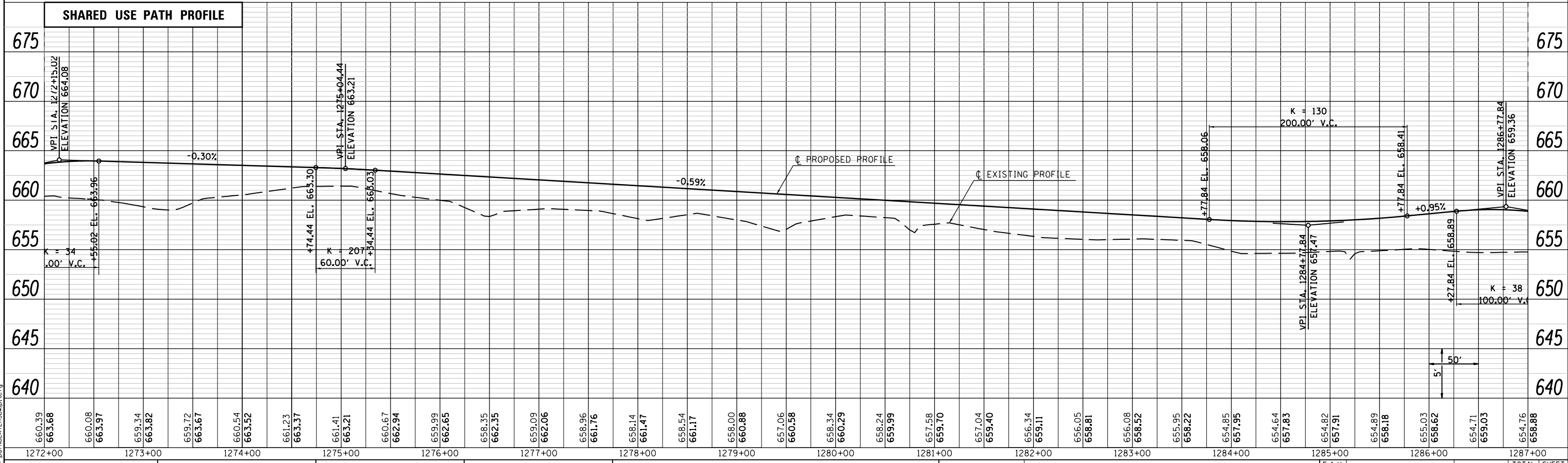
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	50
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK NO.	
	CADD FILE NAME	



PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK NO.	
	CADD FILE NAME	



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	DATE -

REVISIONS	REVISIONS
1	REVISIONS
2	REVISIONS
3	REVISIONS
4	REVISIONS

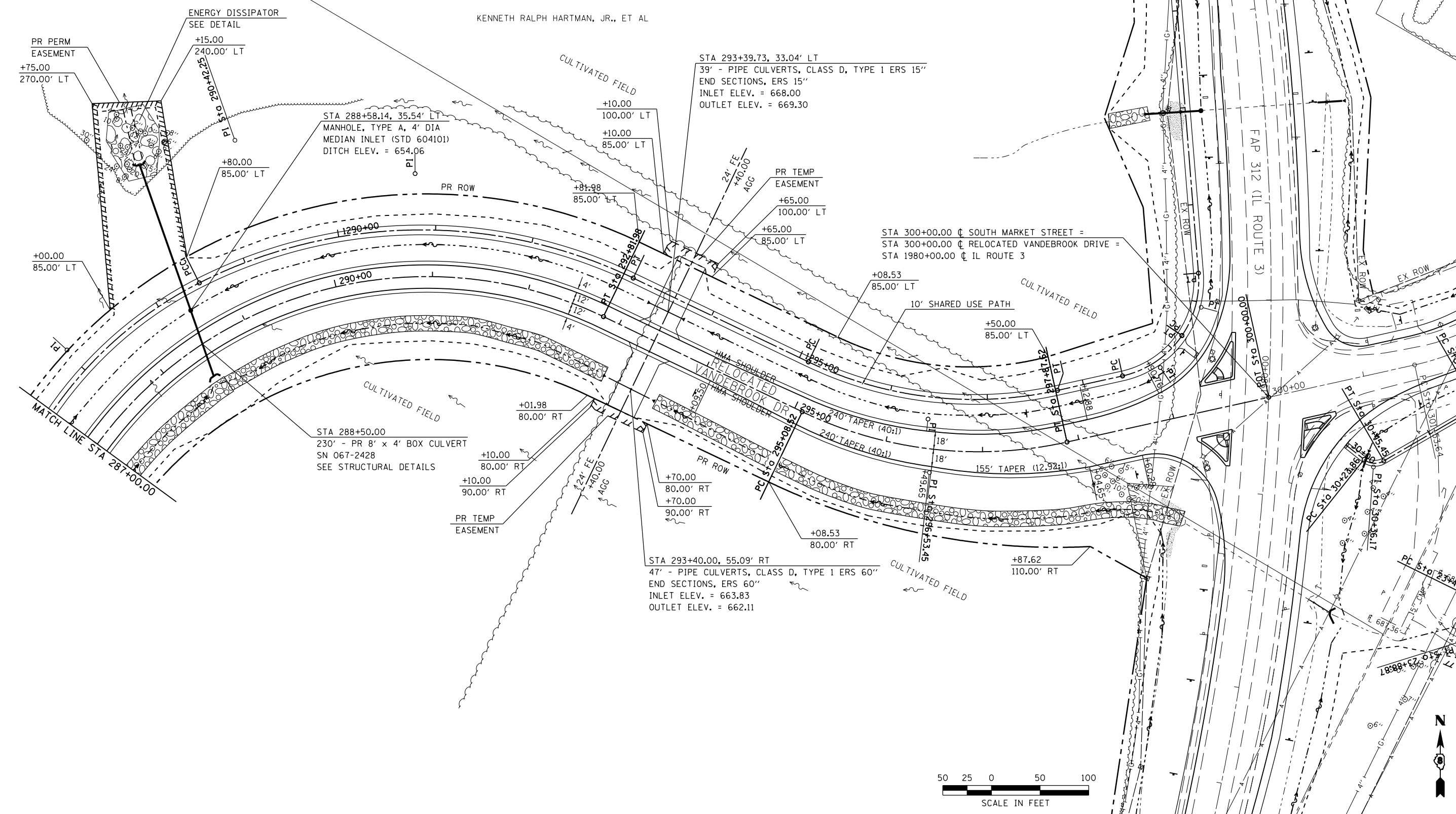
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



PROFILE	
RELOCATED VANDEBROOK DRIVE	
SCALE: 50H:5V	SHEET NO. 4 OF 15 SHEETS
STA. 272+00.00 TO STA. 287+00.00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	51
CONTRACT NO. 76F51				ILLINOIS FED. AID PROJECT

KENNETH RALPH HARTMAN, JR., ET AL



LAST SAVED = 10/4/2012
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



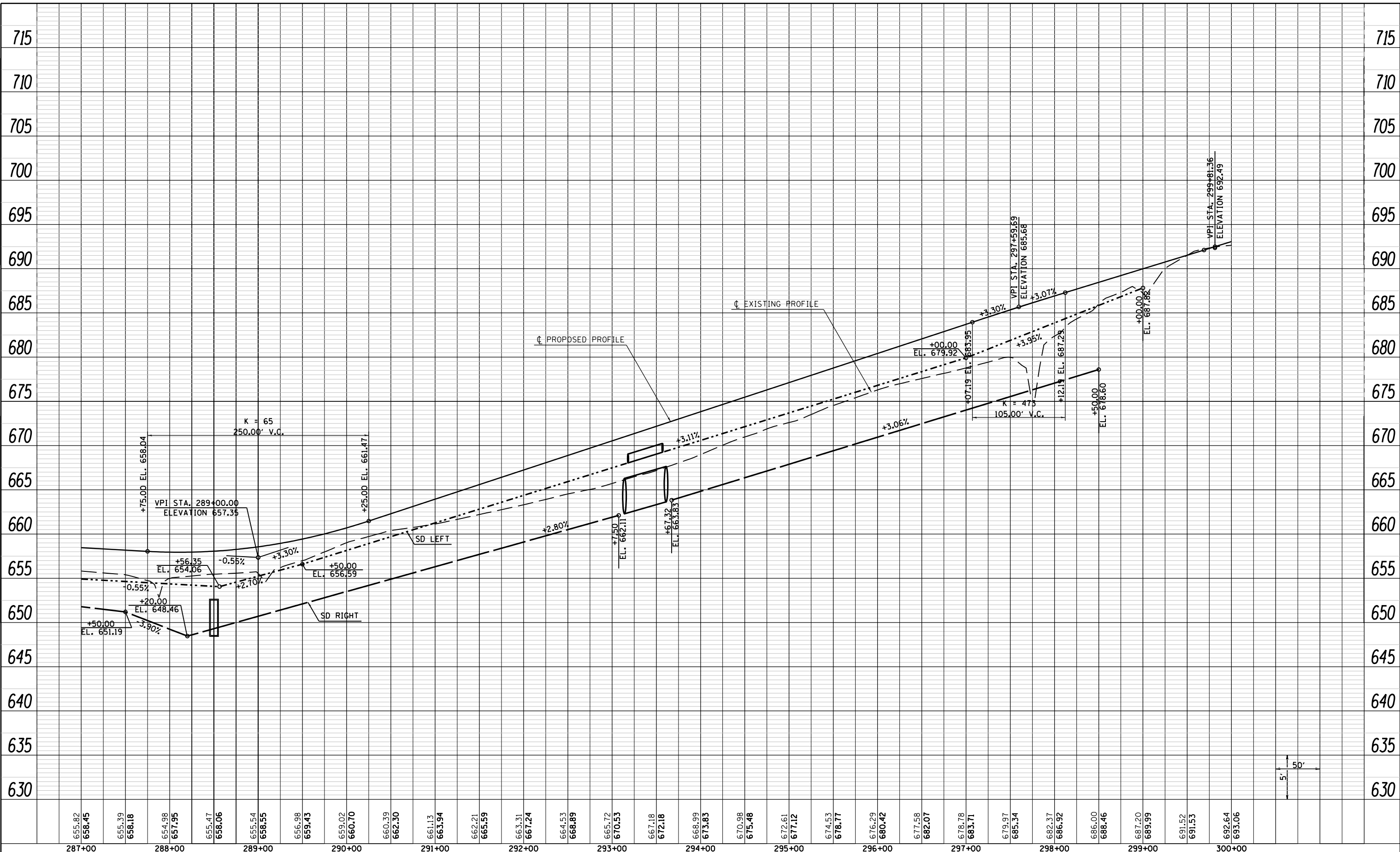
PLAN
 RELOCATED VANDEBROOK DRIVE
 SCALE: 1" = 50'
 SHEET NO. 5 OF 15 SHEETS
 STA. 287+00.00 TO STA. 300+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	52
CONTRACT NO. 76F51				

ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



655.82	658.45	655.39	658.18	654.98	657.95	655.47	658.06	655.54	658.55	656.98	659.43	659.02	660.70	660.39	662.30	661.13	663.94	662.21	665.59	663.31	667.24	664.53	666.89	665.72	670.53	667.18	672.18	668.99	673.83	670.98	675.48	672.61	677.12	674.53	678.77	676.29	680.42	677.58	682.07	678.78	683.71	679.97	685.34	682.37	686.92	686.00	688.46	687.20	689.99	691.52	691.53	692.64	693.06
287+00	288+00	289+00	290+00	291+00	292+00	293+00	294+00	295+00	296+00	297+00	298+00	299+00	300+00																																								

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

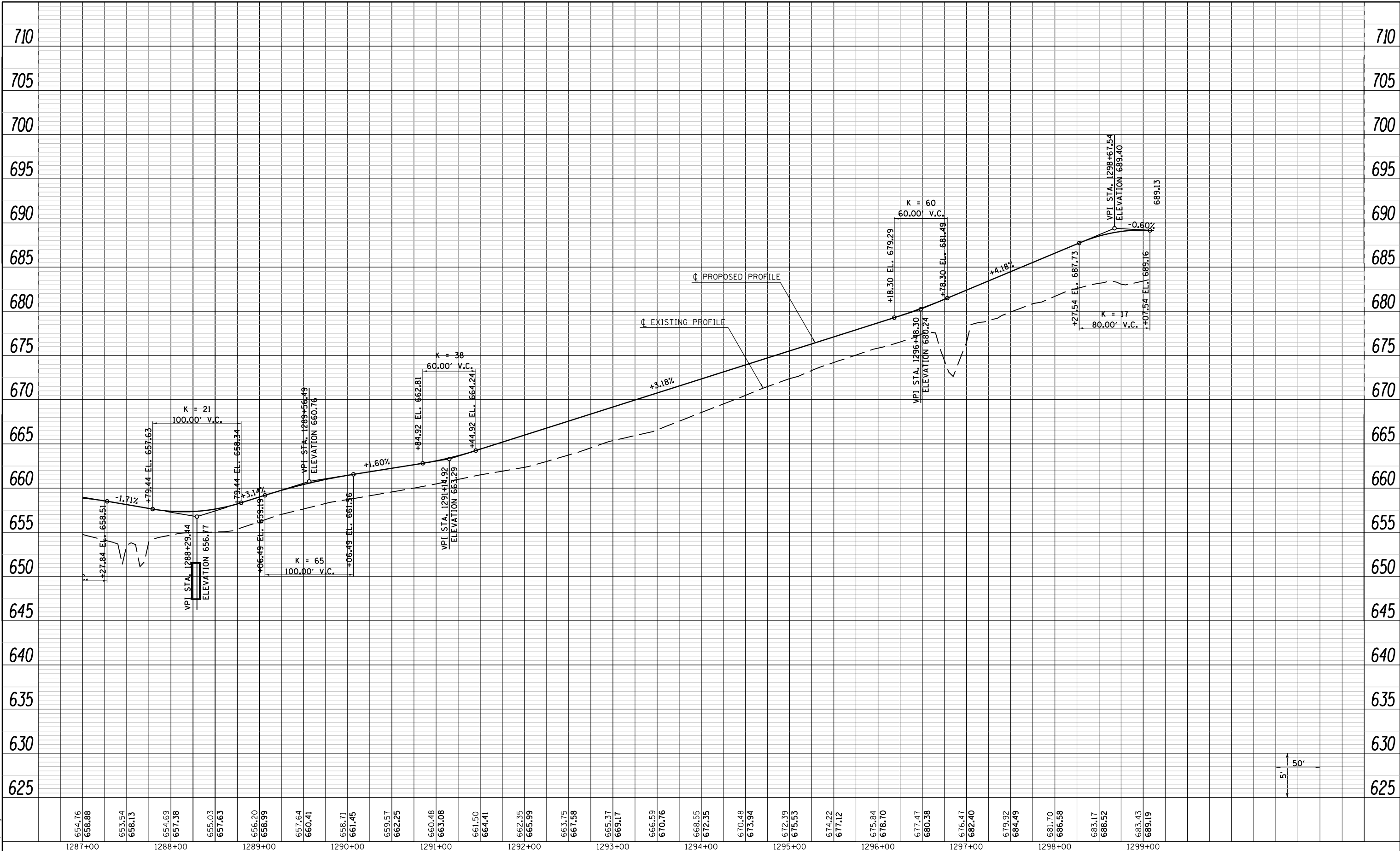


PROFILE
 RELOCATED VANDEBROOK DRIVE
 SCALE: 50H:5V
 SHEET NO. 6 OF 15 SHEETS
 STA. 287+00.00 TO STA. 300+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	53
CONTRACT NO. 76F51			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	CHECKED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
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	STRUCTURE		
	NOTATIONS		



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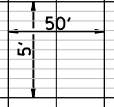
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

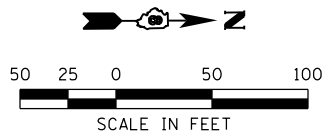
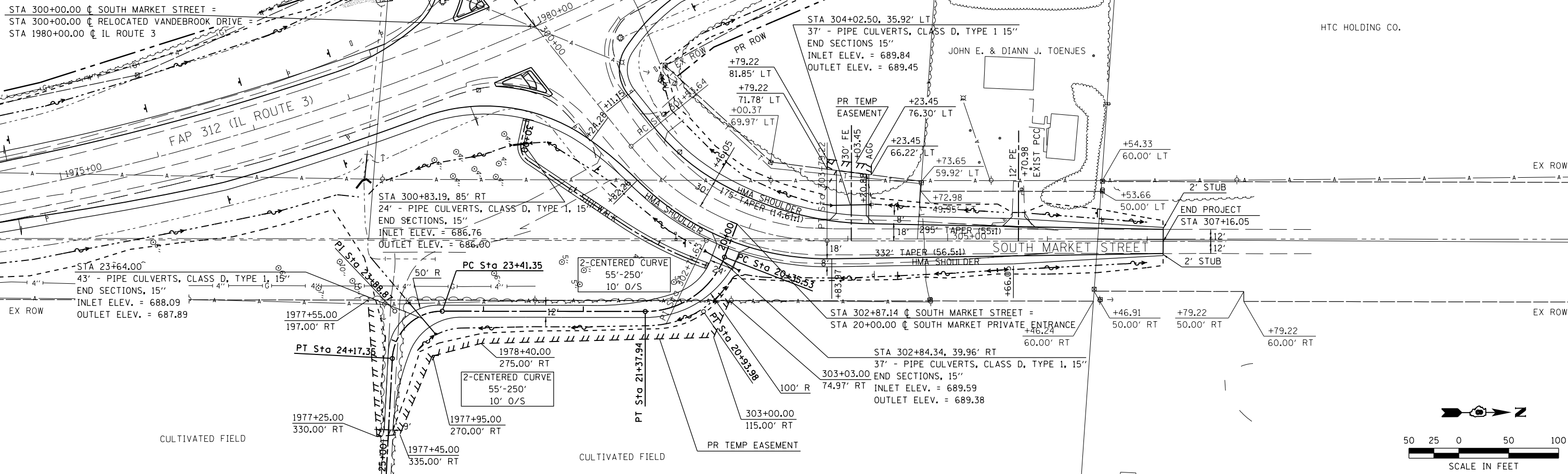


PROFILE
 RELOCATED VANDEBROOK DRIVE SHARED USE PATH

SCALE: 50H:5V SHEET NO. 7 OF 15 SHEETS STA. 1287+00.00 TO STA. 1299+12.33

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	54
				CONTRACT NO. 76F51
ILLINOIS FED. AID PROJECT				

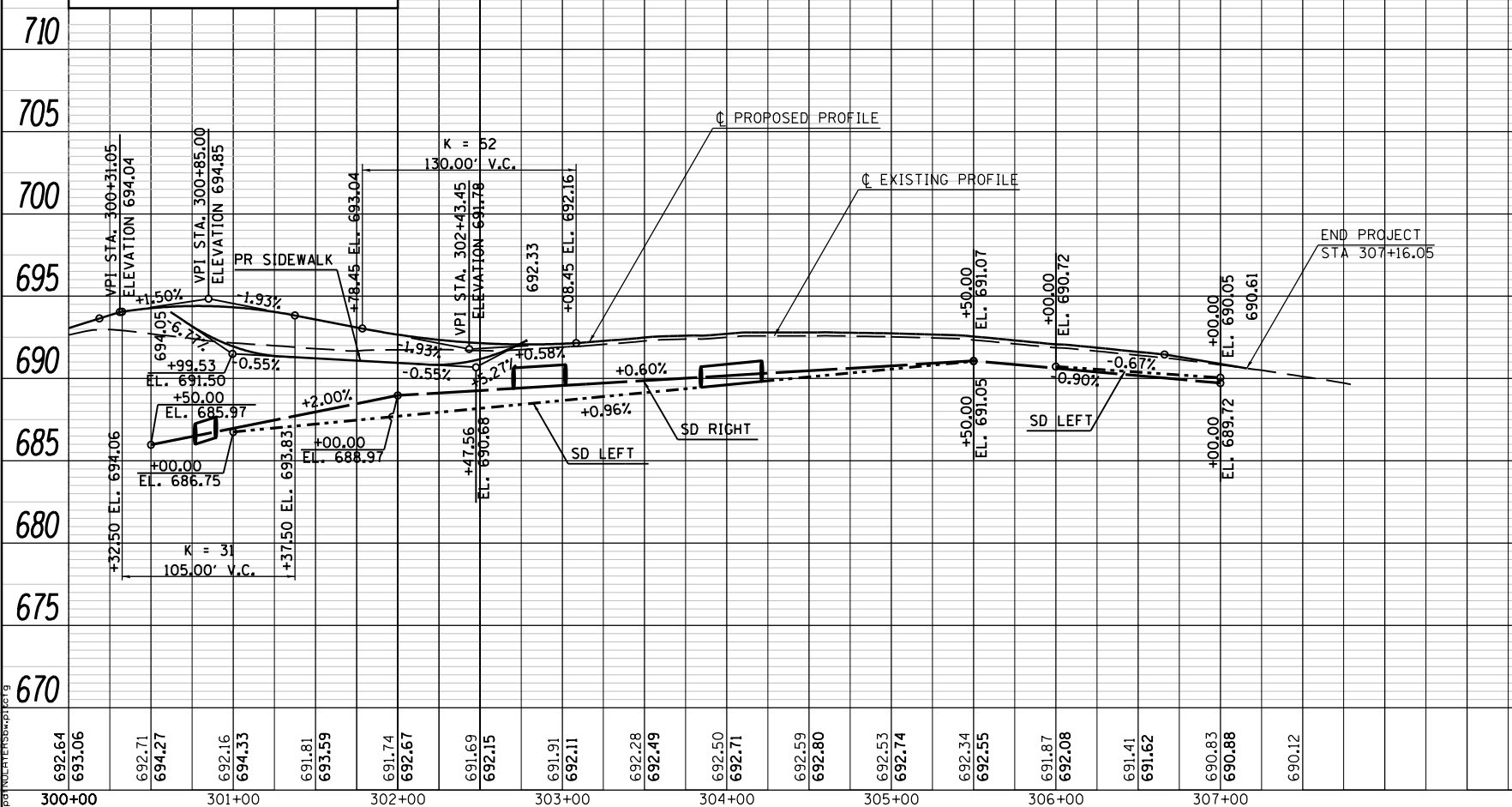




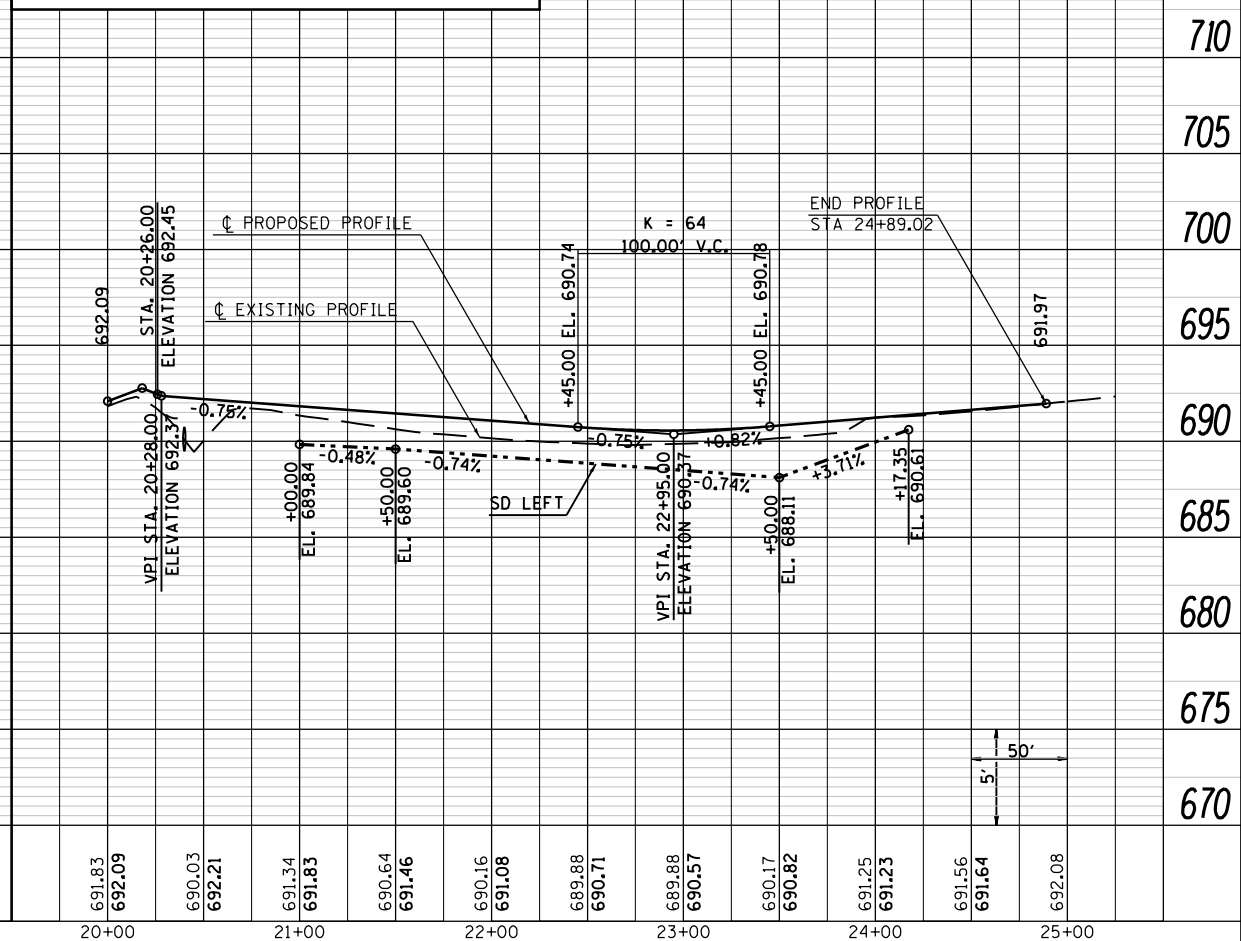
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NOTE BOOK	
ALIGNMENT CHECKED	
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NO.	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
CADD FILE NAME	
NO.	

SOUTH MARKET STREET PROFILE



SOUTH MARKET PRIVATE ENTRANCE PROFILE



FILE NAME =
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 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -
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DRAWN	-	REVISED	-
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DATE	-	REVISED	-

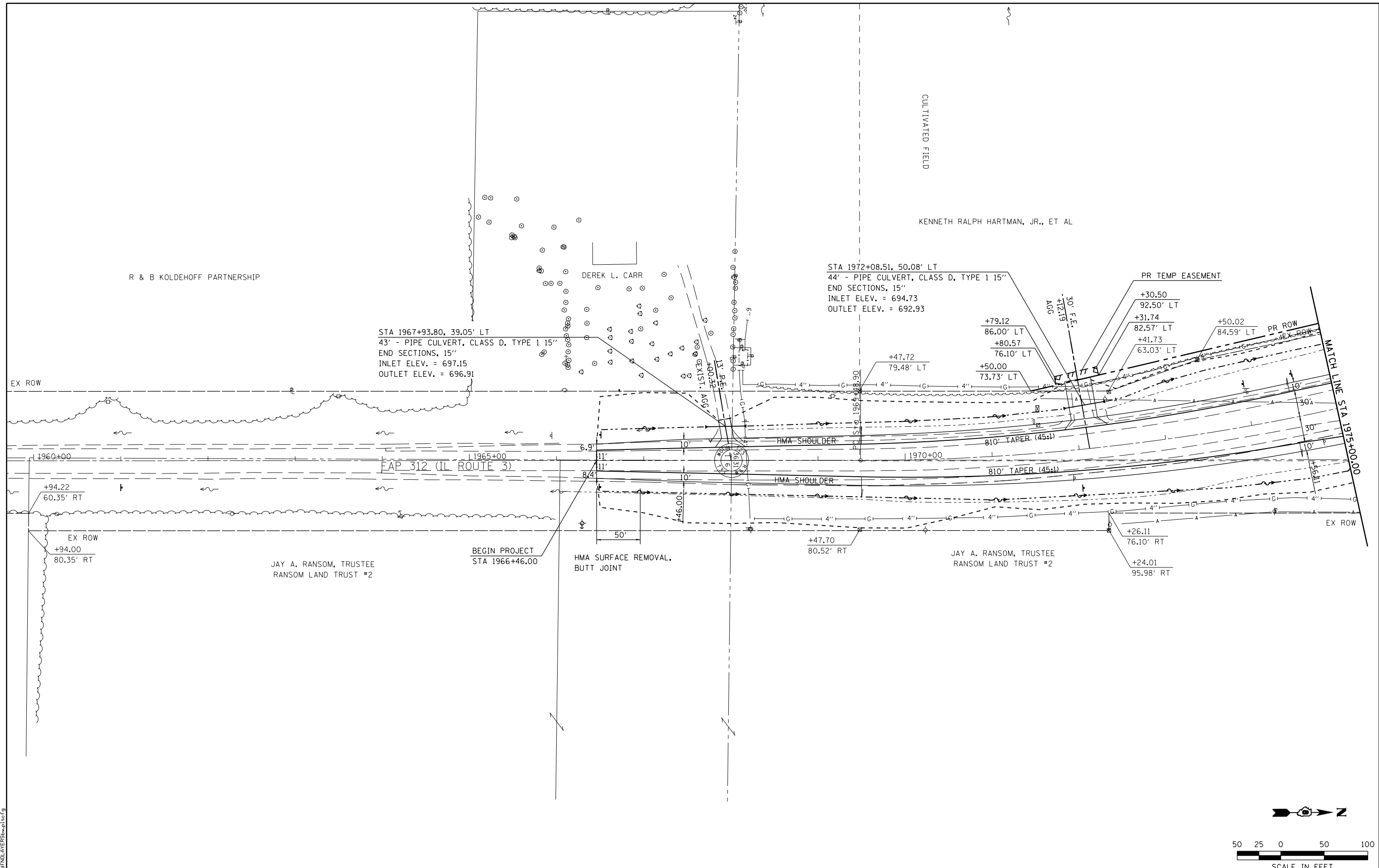
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**HORNER &
 SHIRIN, INC.
 ENGINEERS**

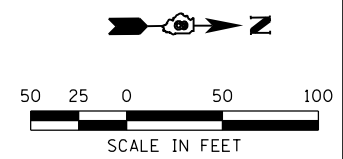
**PLAN & PROFILE
 SOUTH MARKET ST.**

SCALE: 1" = 50' SHEET NO. 8 OF 15 SHEETS STA. 300+00.00 TO STA. 307+16.05

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	55
				CONTRACT NO. 76F51
ILLINOIS FED. AID PROJECT				



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORNER & SHIRIN, INC.
ENGINEERS

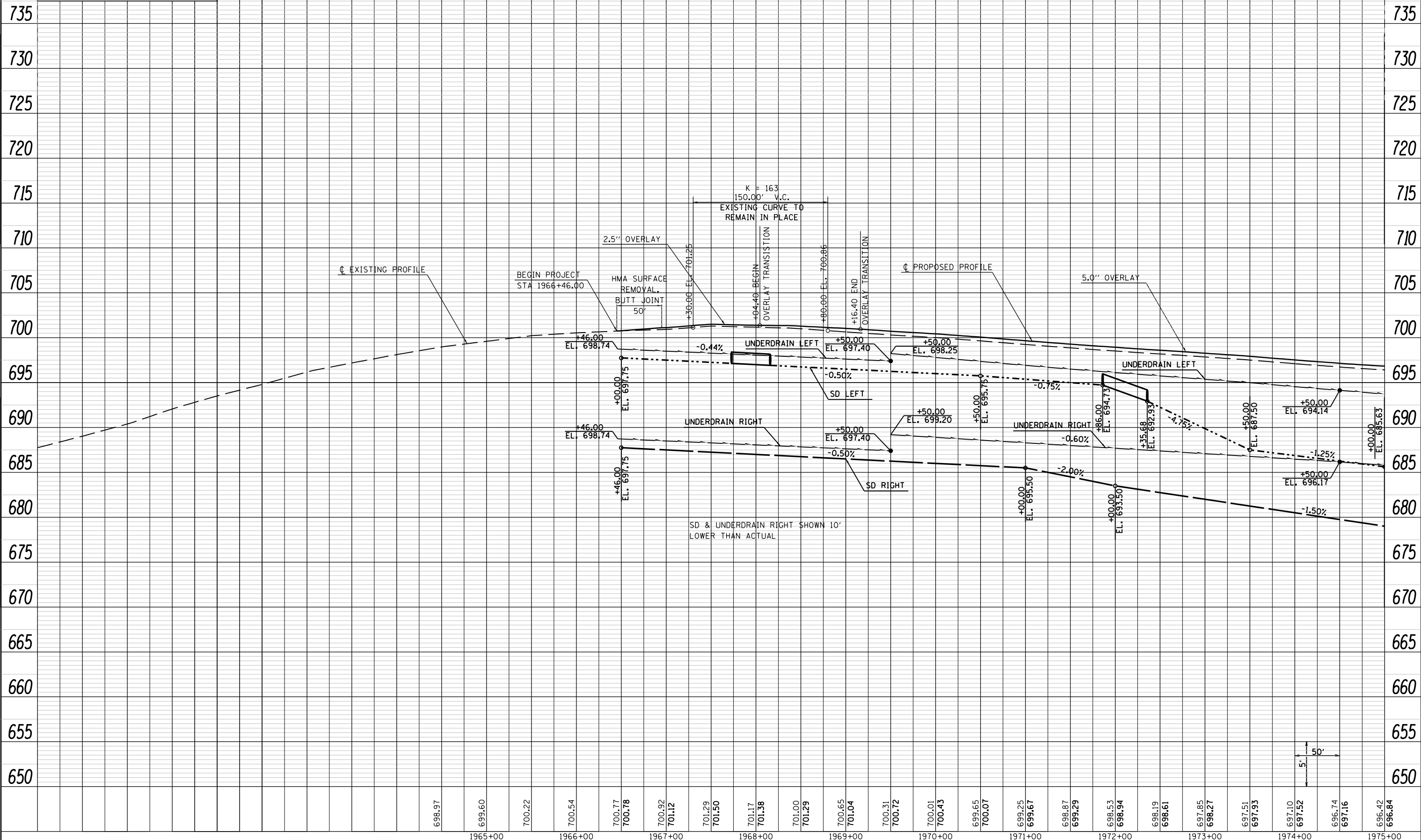
PLAN & PROFILE
 IL ROUTE 3
 SCALE: 1" = 50'
 SHEET NO. 9 OF 50 SHEETS
 STA. 1966+46.00 TO STA. 1975+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	56
CONTRACT NO. 76817				
ILLINOIS FED. AID PROJECT				

FAP 312 (IL ROUTE 3) PROFILE

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
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	NOTE BOOK NO.	
	CADD FILE NAME	



LAST SAVED = 10/3/2012
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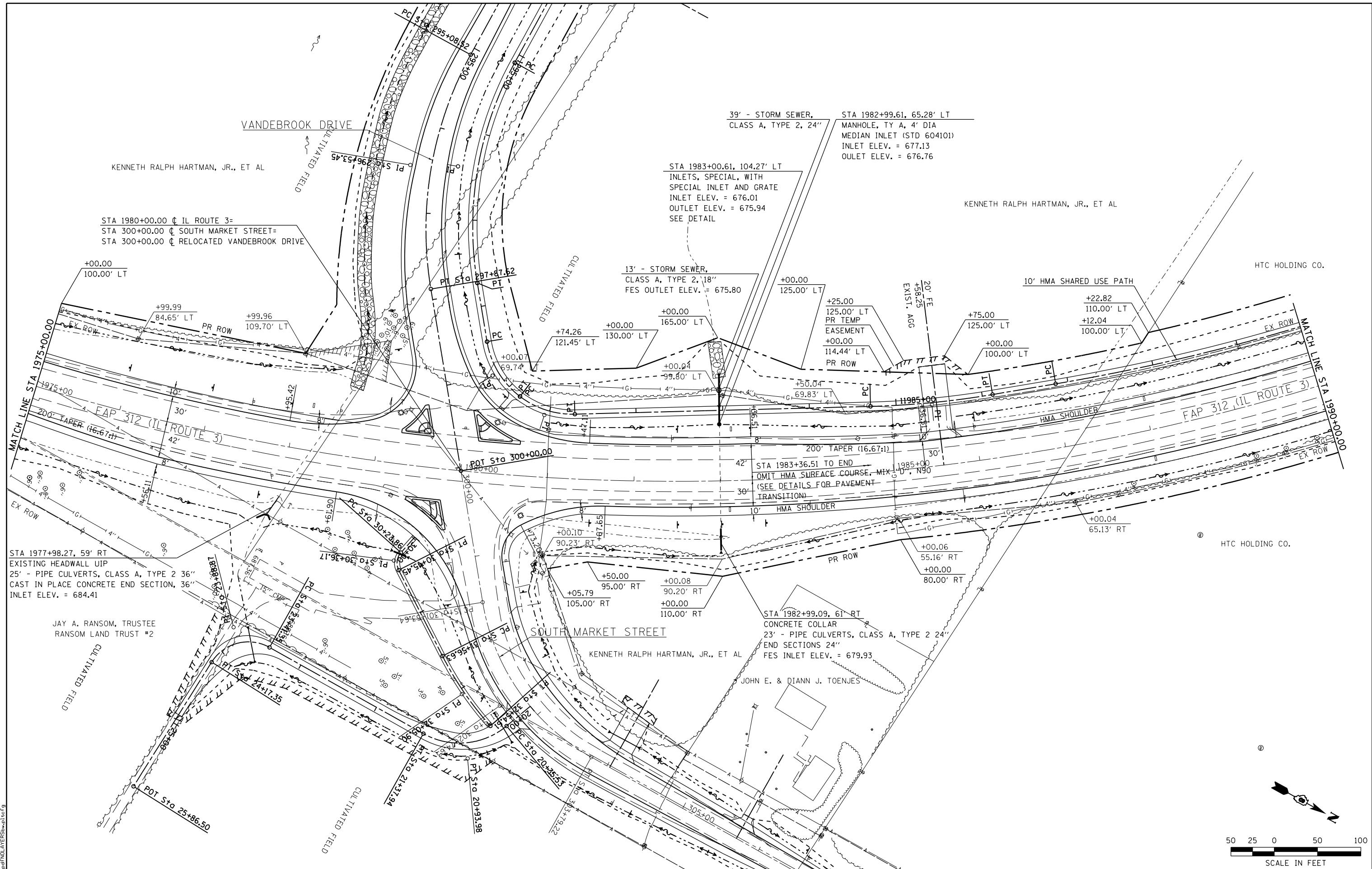
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



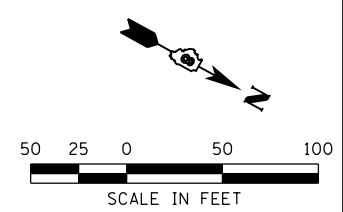
PROFILE
 IL ROUTE 3

SCALE: 50H:5V SHEET NO. 10 OF 15 SHEETS STA. 1966+46.00 TO STA. 1975+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	57
CONTRACT NO. 76F51			ILLINOIS FED. AID PROJECT	



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DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

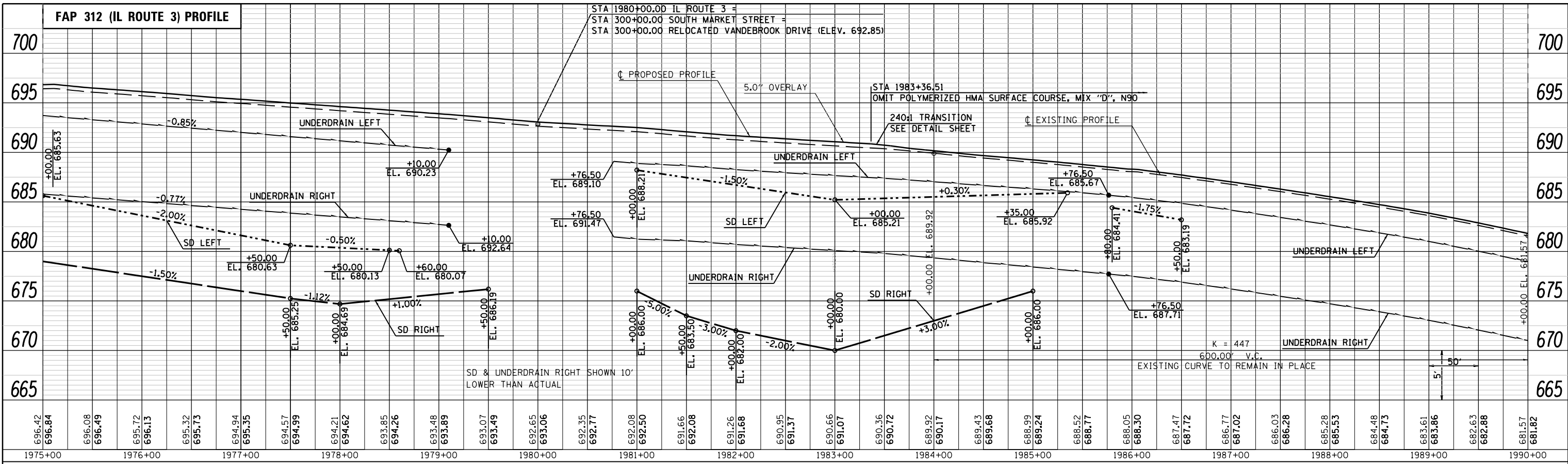
HORNER & SHIRIN, INC.
ENGINEERS

PLAN
 IL ROUTE 3

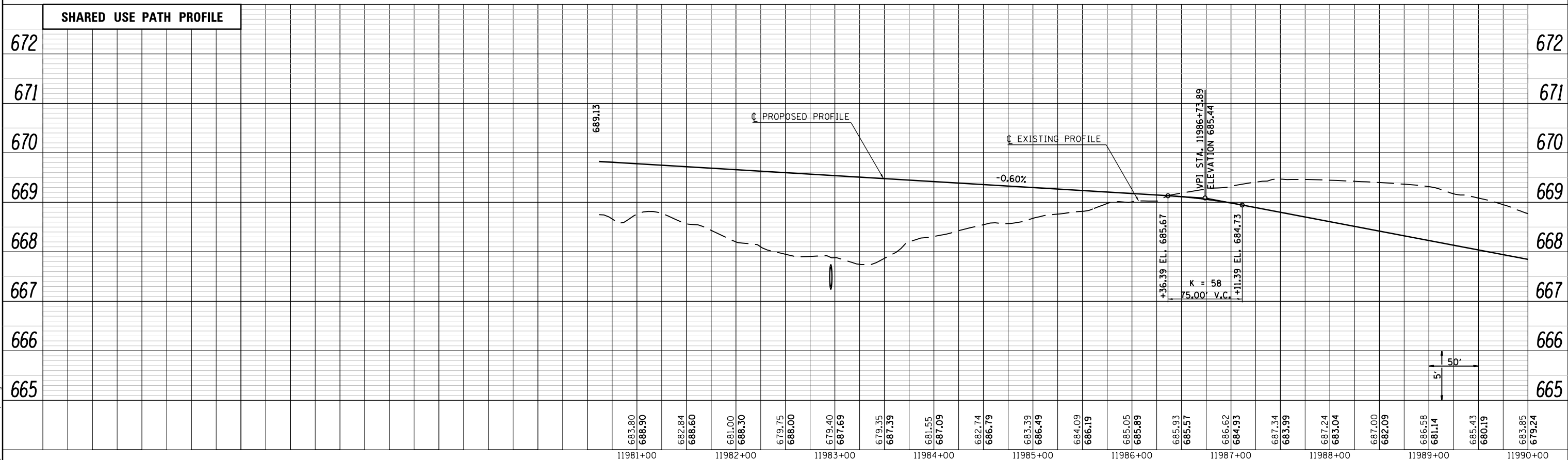
SCALE: 1" = 50'
 SHEET NO. 11 OF 50 SHEETS
 STA. 1975+00.00 TO STA. 1990+00.00

F.A.U. RT. = 9324	SECTION = 68-R-1	COUNTY = MONROE	TOTAL SHEETS = 192	SHEET NO. = 58
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
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	STRUCTURE NOTATIONS CHECKED		
NOTE BOOK NO.	CHECKED		
	FILE NAME		



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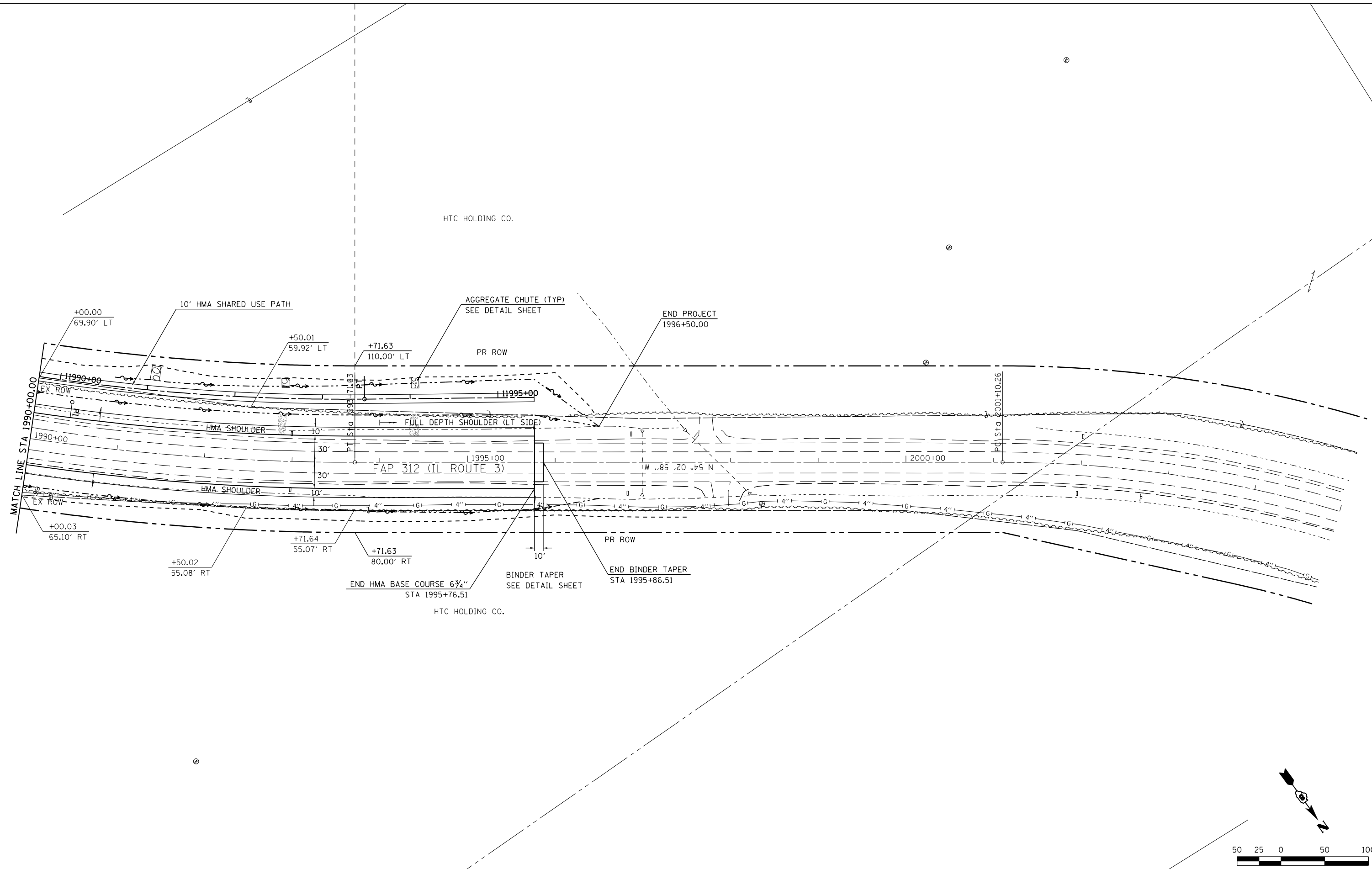
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



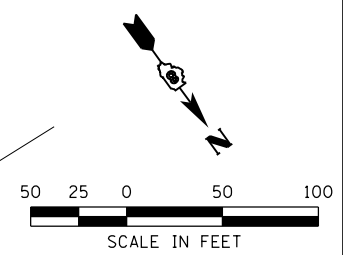
PROFILE	
IL ROUTE 3	
SCALE: 50H:5V	SHEET NO. 12 OF 15 SHEETS
STA. 1975+00.00 TO STA. 1990+00.00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	189	59
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				



HTC HOLDING CO.

HTC HOLDING CO.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

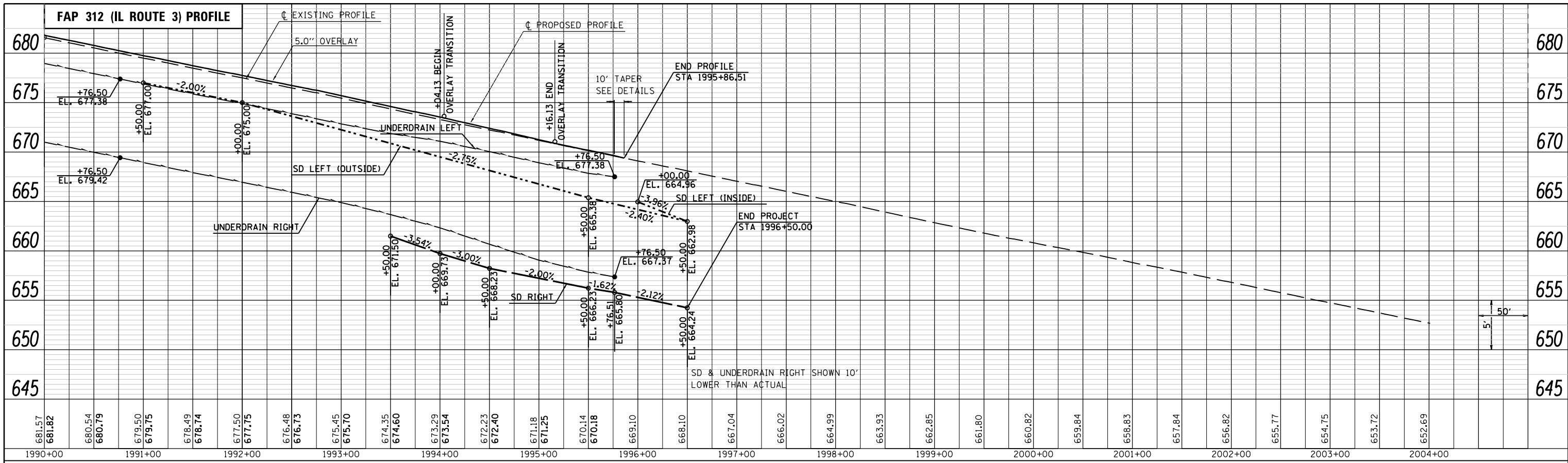
HORNER & SHIRIN, INC.
ENGINEERS

PLAN
 IL ROUTE 3

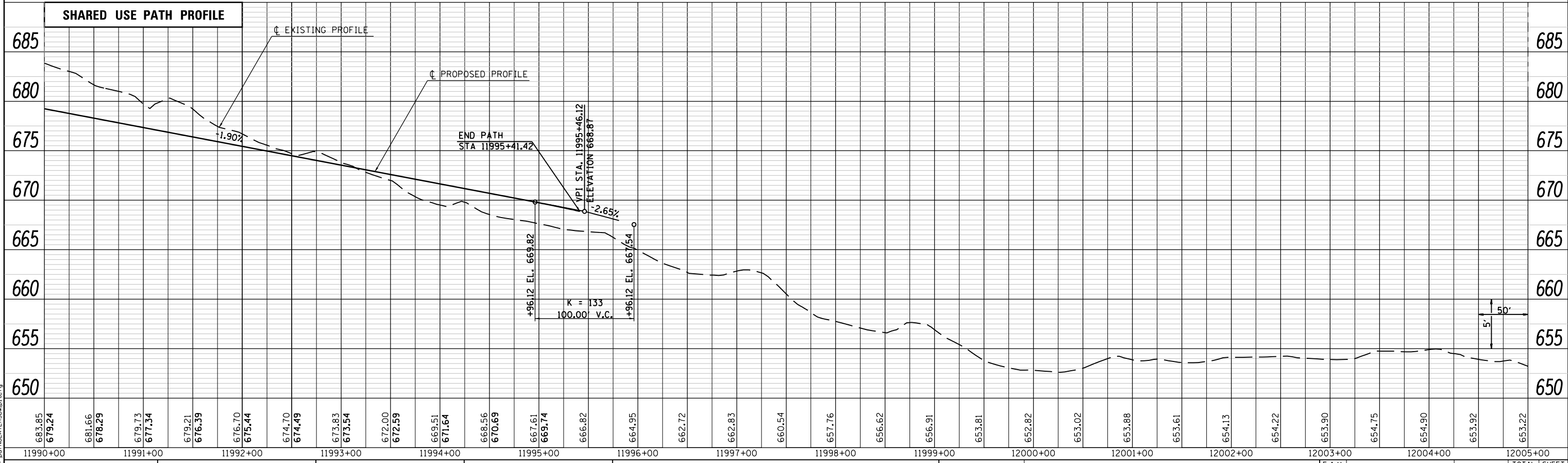
SCALE: 1" = 50' SHEET NO. 13 OF 15 SHEETS STA. 1990+00.00 TO STA. 2005+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	60
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
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	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO. _____	



PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



PROFILE	
IL ROUTE 3	
SCALE: 50H:5V	SHEET NO. 15 OF 50 SHEETS
STA. 1990+00.00 TO STA. 2005+00.00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	61
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC STAGE 1

SEQUENCE OF CONSTRUCTION

1. CONSTRUCT WIDENING ALONG SB IL ROUTE 3 UP TO 1-1/2" FROM FINAL SURFACE.
2. CONSTRUCT TEMPORARY SIGNAL INSTALLATION.
3. CONSTRUCT TEMPORARY RAMP ON S. MARKET ST.
4. CONSTRUCT S. MARKET PRIVATE ENTRANCE.
5. CONSTRUCT FULL DEPTH PAVEMENT OF VANDEBROOK DRIVE.
6. CONSTRUCT SHADED PORTION OF SHARED USE PATH.
7. CONSTRUCT ISLANDS ALONG SB IL 3.




1. TRAFFIC PLACEMENT

MAINTAIN EXISTING TRAFFIC PATTERNS ALONG ALL ROADWAYS

TRAFFIC CONTROL STANDARDS

701326

LEGEND (STAGE 1)

-  WORK THIS STAGE
-  DIRECTION OF TRAFFIC FLOW
-  CONSTRUCTION SIGN

MAINTENANCE OF TRAFFIC PRE-STAGE

SEQUENCE OF CONSTRUCTION

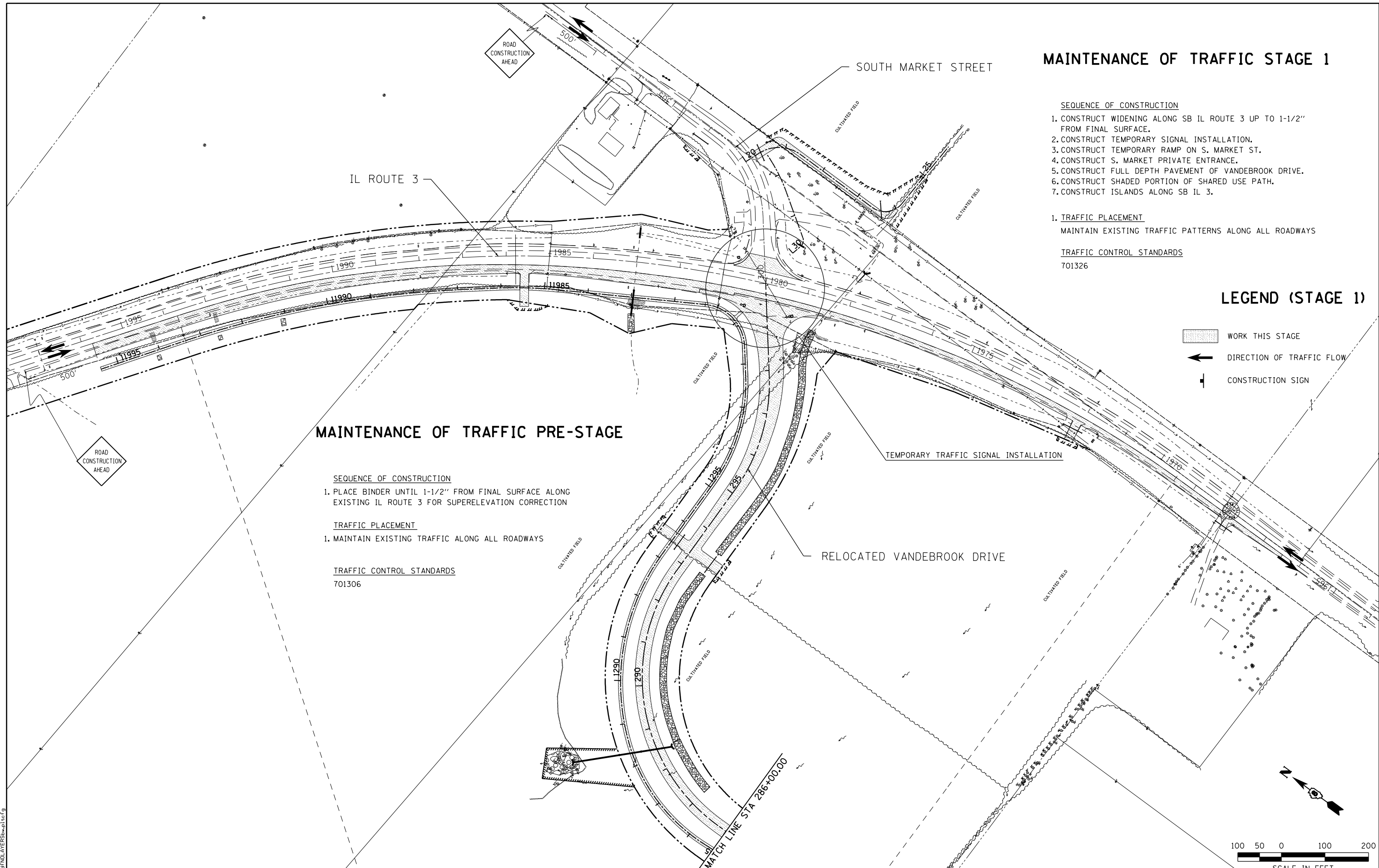
1. PLACE BINDER UNTIL 1-1/2" FROM FINAL SURFACE ALONG EXISTING IL ROUTE 3 FOR SUPERELEVATION CORRECTION

TRAFFIC PLACEMENT

1. MAINTAIN EXISTING TRAFFIC ALONG ALL ROADWAYS

TRAFFIC CONTROL STANDARDS

701306



LAST SAVED = 10/3/2012
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION


HORNER & SHIFRIN, INC.
ENGINEERS

SUGGESTED STAGES OF CONSTRUCTION
AND TRAFFIC CONTROL
 PRE-STAGE AND STAGE 1

SCALE: 1" = 100' SHEET NO. 1 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	63
				CONTRACT NO. 76F51

100 50 0 100 200
 SCALE IN FEET

ILLINOIS FED. AID PROJECT







MAINTENANCE OF TRAFFIC STAGE 1

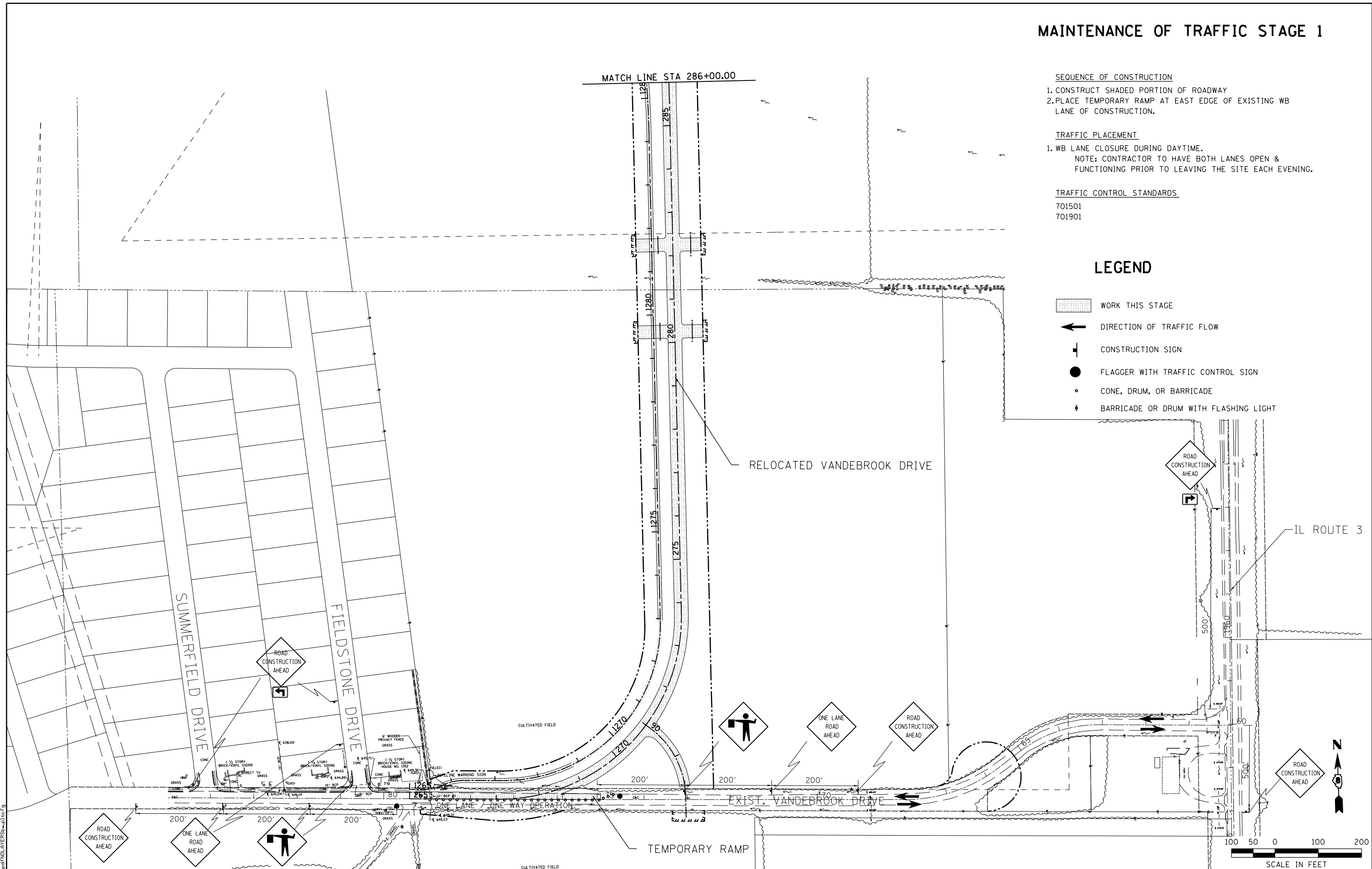
- SEQUENCE OF CONSTRUCTION**
1. CONSTRUCT SHADED PORTION OF ROADWAY
 2. PLACE TEMPORARY RAMP AT EAST EDGE OF EXISTING WB LANE OF CONSTRUCTION.
- TRAFFIC PLACEMENT**
1. WB LANE CLOSURE DURING DAYTIME.
NOTE: CONTRACTOR TO HAVE BOTH LANES OPEN & FUNCTIONING PRIOR TO LEAVING THE SITE EACH EVENING.

TRAFFIC CONTROL STANDARDS

701501
701901

LEGEND

-  WORK THIS STAGE
-  DIRECTION OF TRAFFIC FLOW
-  CONSTRUCTION SIGN
-  FLAGGER WITH TRAFFIC CONTROL SIGN
-  CONE, DRUM, OR BARRICADE
-  BARRICADE OR DRUM WITH FLASHING LIGHT



LAST SAVED = 10/3/2012
 PEN TABLE = 100.0000
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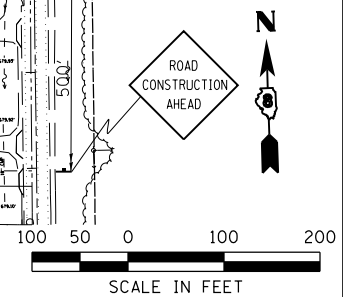
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PLOT DATE = 10/4/2012 5:10:57 PM		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORNER & SHIFRIN, INC.
ENGINEERS
 SCALE: 1" = 100'

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 STAGE 1
 SHEET NO. 2 OF 7 SHEETS STA. 265+37.54 TO STA. 286+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	64
				CONTRACT NO. 76F51
ILLINOIS FED. AID PROJECT				



MAINTENANCE OF TRAFFIC STAGE 2

SEQUENCE OF CONSTRUCTION

1. CONSTRUCT SHADED PORTION OF ROADWAY.
PLACE TEMPORARY RAMP AT EAST EDGE OF EXISTING EB LANE OF CONSTRUCTION.

TRAFFIC PLACEMENT

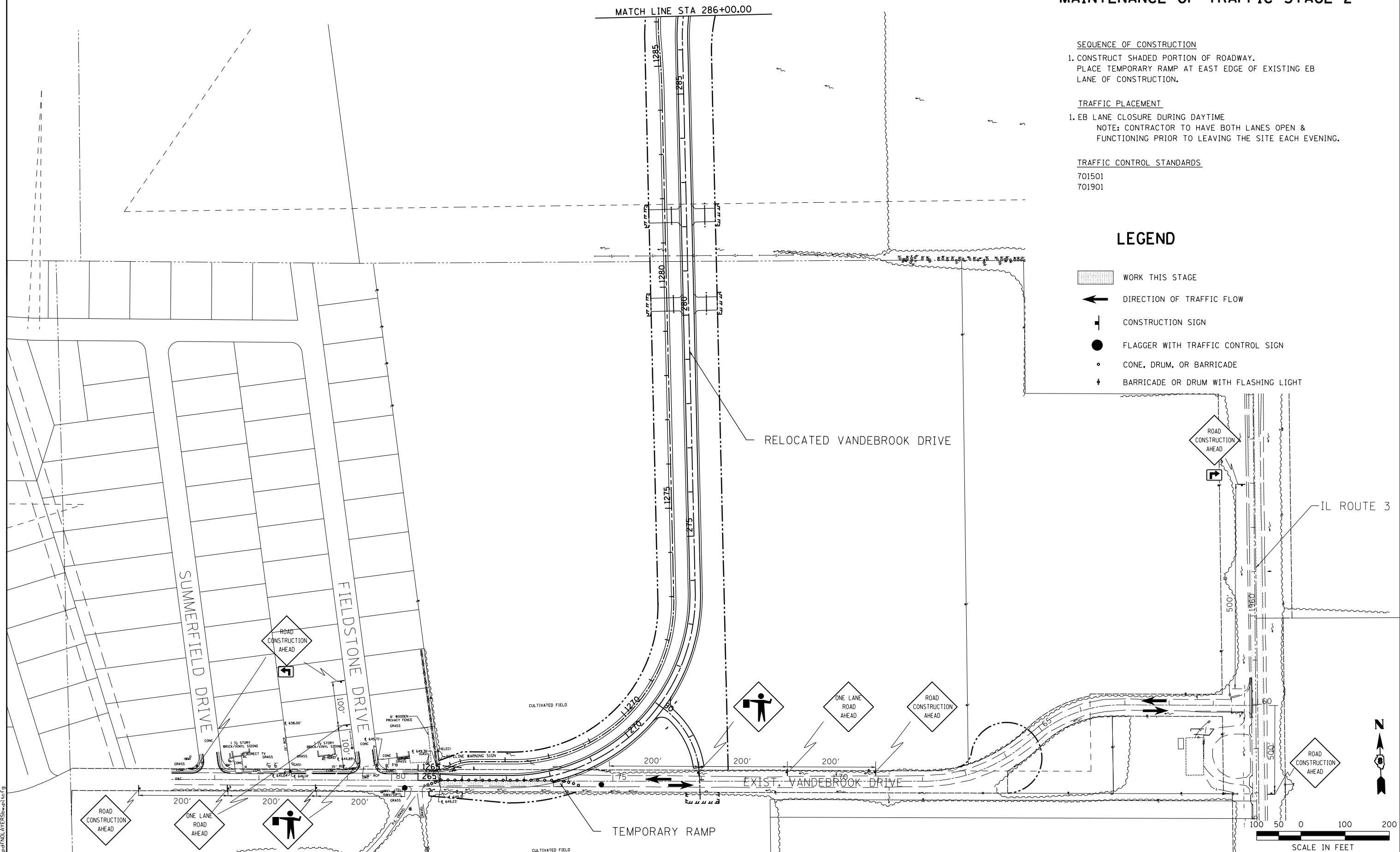
1. EB LANE CLOSURE DURING DAYTIME
NOTE: CONTRACTOR TO HAVE BOTH LANES OPEN & FUNCTIONING PRIOR TO LEAVING THE SITE EACH EVENING.

TRAFFIC CONTROL STANDARDS

- 701501
- 701901

LEGEND

- WORK THIS STAGE
- DIRECTION OF TRAFFIC FLOW
- CONSTRUCTION SIGN
- FLAGGER WITH TRAFFIC CONTROL SIGN
- CONE, DRUM, OR BARRICADE
- BARRICADE OR DRUM WITH FLASHING LIGHT



LAST SAVED = 10/3/2012
 PEN TABLE = 100,244,141
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FILE NAME =	USER NAME = jepettibone	DESIGNED -	REVISED -
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PLOT DATE = 10/4/2012 5:10:58 PM		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORNER & SHIRIN, INC.
ENGINEERS

SUGGESTED STAGES OF CONSTRUCTION
AND TRAFFIC CONTROL
 STAGE 2

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	65

MAINTENANCE OF TRAFFIC STAGE 2

SEQUENCE OF CONSTRUCTION

1. REMOVE EXISTING SHOULDERS ALONG NB IL3.
2. CONSTRUCT ROADWAY ALONG NB IL ROUTE 3 UP TO 1-1/2" FROM FINAL SURFACE.
3. REMOVE EXISTING SHOULDERS ALONG S. MARKET STREET.
4. PLACE BINDER ALONG S. MARKET STREET UP TO 1-1/2" FROM FINAL SURFACE.
5. CONSTRUCT ISLAND ALONG NB IL 3.





TRAFFIC PLACEMENT

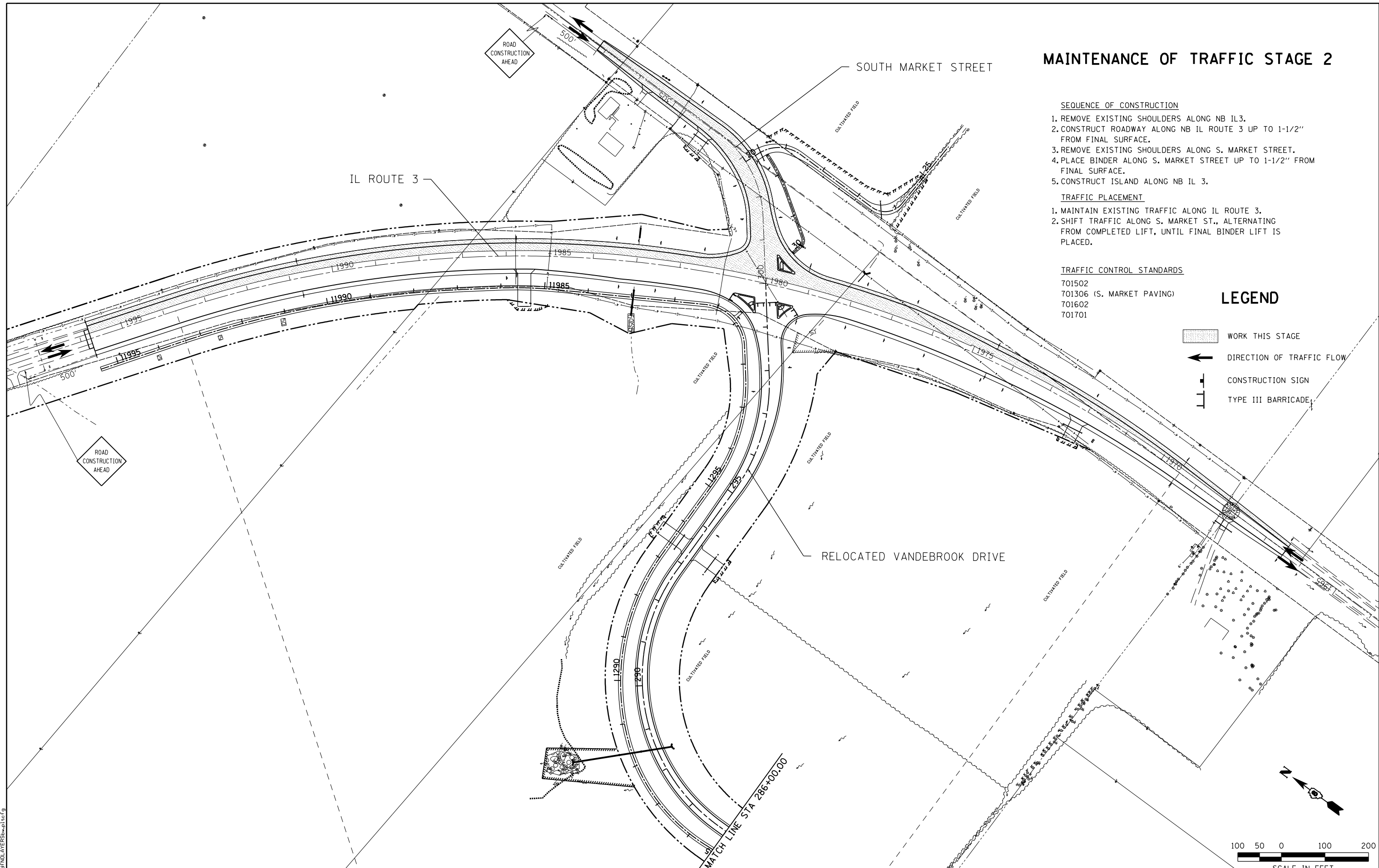
1. MAINTAIN EXISTING TRAFFIC ALONG IL ROUTE 3.
2. SHIFT TRAFFIC ALONG S. MARKET ST., ALTERNATING FROM COMPLETED LEFT, UNTIL FINAL BINDER LIFT IS PLACED.

TRAFFIC CONTROL STANDARDS

- 701502
- 701306 (S. MARKET PAVING)
- 701602
- 701701

LEGEND

-  WORK THIS STAGE
-  DIRECTION OF TRAFFIC FLOW
-  CONSTRUCTION SIGN
-  TYPE III BARRICADE



LAST SAVED = 10/3/2012
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION


HORNER & SHIFRIN, INC.
ENGINEERS

SUGGESTED STAGES OF CONSTRUCTION
AND TRAFFIC CONTROL
 STAGE 2

SCALE: 1" = 100' SHEET NO. 4 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	66
				CONTRACT NO. 76F51
ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC STAGE 3

SEQUENCE OF CONSTRUCTION

1. CONSTRUCT SHADED PORTION OF VANDEBROOK ACCESS ROAD.
2. CONSTRUCT CUL DE SAC ON EXISTING VANDEBROOK DRIVE.





TRAFFIC PLACEMENT

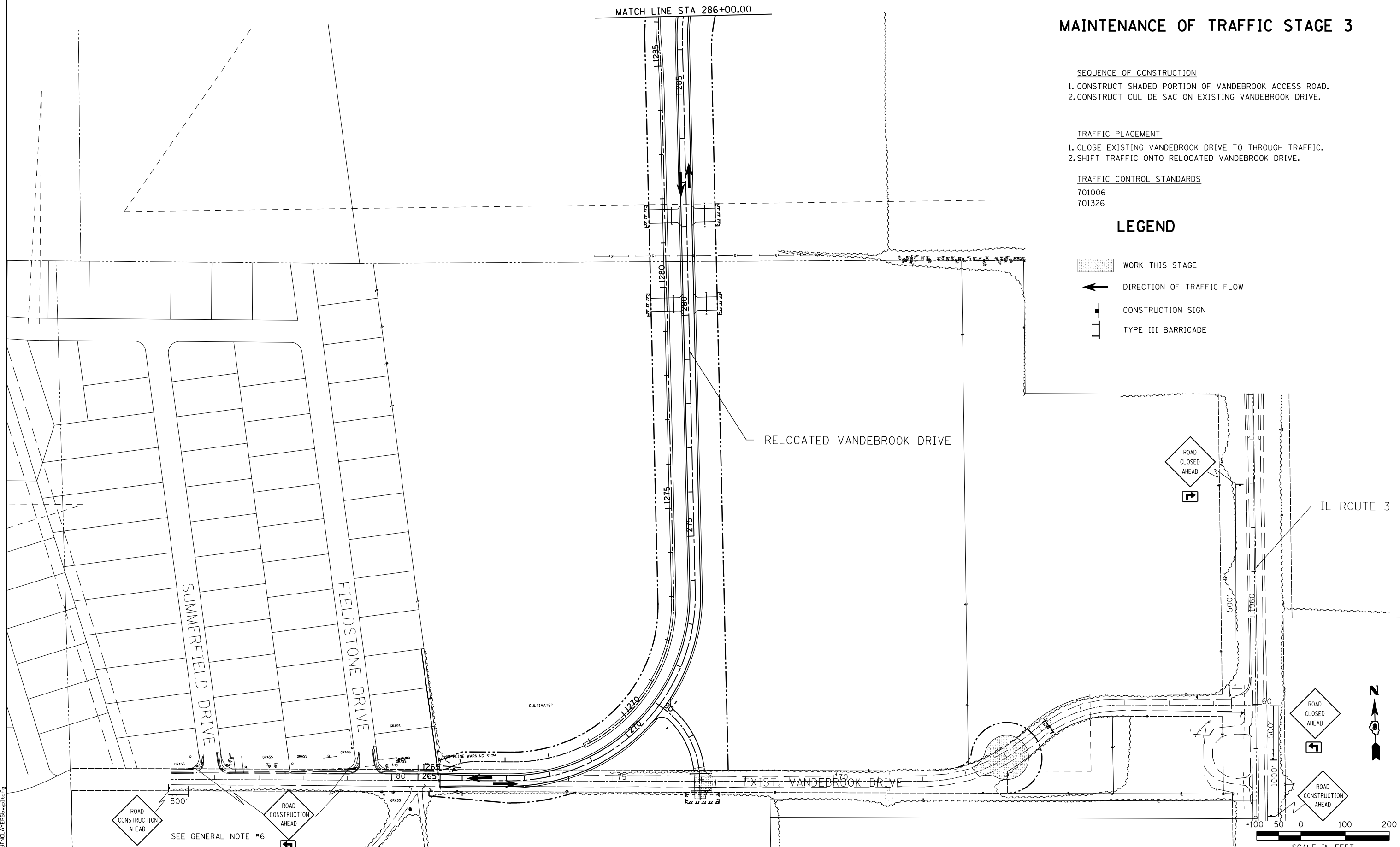
1. CLOSE EXISTING VANDEBROOK DRIVE TO THROUGH TRAFFIC.
2. SHIFT TRAFFIC ONTO RELOCATED VANDEBROOK DRIVE.

TRAFFIC CONTROL STANDARDS

- 701006
- 701326

LEGEND

-  WORK THIS STAGE
-  DIRECTION OF TRAFFIC FLOW
-  CONSTRUCTION SIGN
-  TYPE III BARRICADE



ROAD CONSTRUCTION AHEAD

ROAD CONSTRUCTION AHEAD

ROAD CLOSED AHEAD

ROAD CLOSED AHEAD

ROAD CONSTRUCTION AHEAD

SEE GENERAL NOTE #6

SCALE IN FEET

LAST SAVED = 10/3/2012
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORNER & SHIFRIN, INC.
ENGINEERS

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGE 3

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	67
CONTRACT NO. 76F51				

SCALE: 1"=100' SHEET NO. 5 OF 7 SHEETS STA. 265+37.54 TO STA. 286+00.00

ILLINOIS FED. AID PROJECT

MAINTENANCE OF TRAFFIC STAGE 3

SEQUENCE OF CONSTRUCTION

1. PLACE FINAL SURFACE COURSE ON IL ROUTE 3, STOPPING AT STATION 1983+36.51
2. PLACE FINAL SURFACE COURSE ON S. MARKET ST.





TRAFFIC PLACEMENT

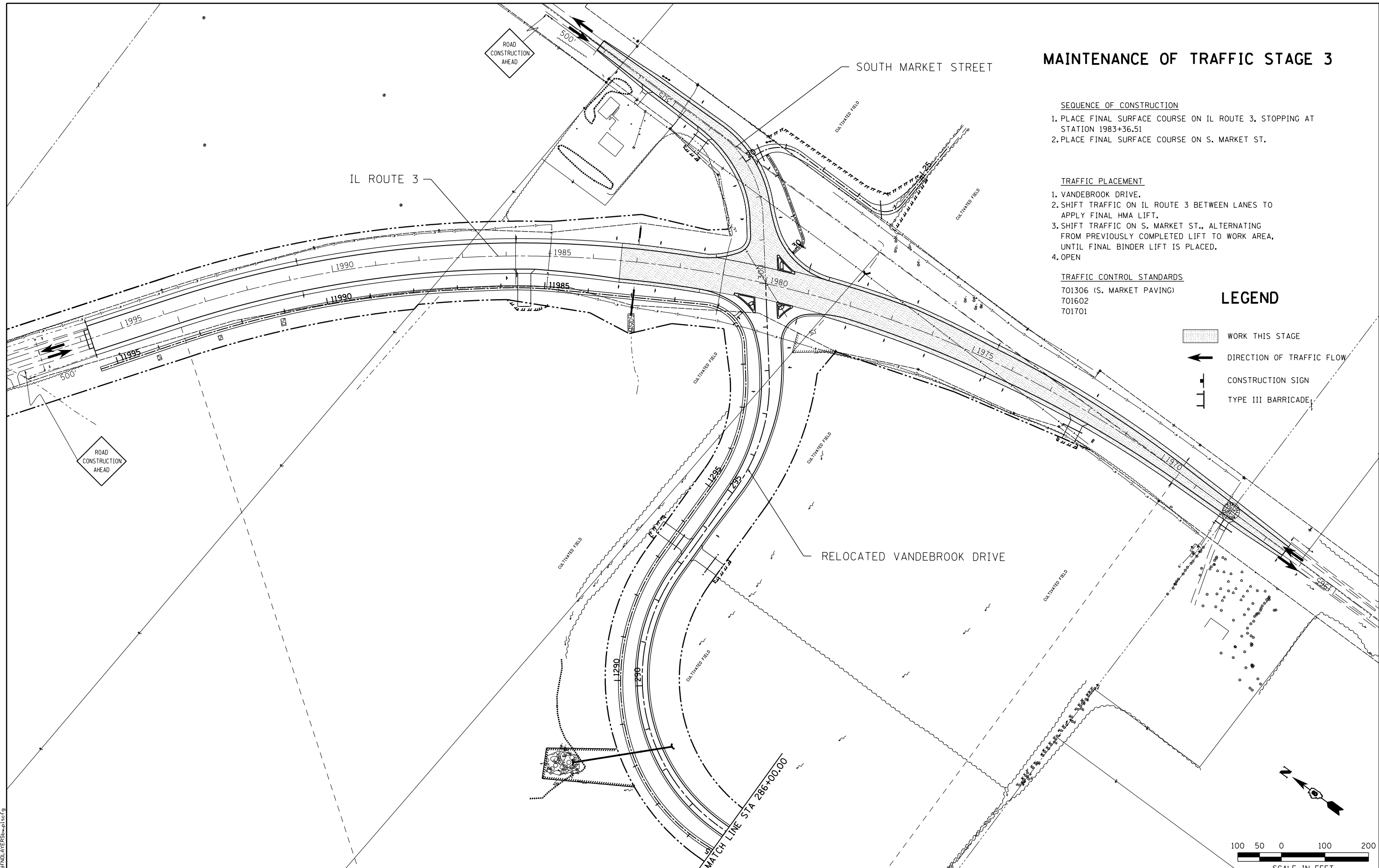
1. VANDEBROOK DRIVE.
2. SHIFT TRAFFIC ON IL ROUTE 3 BETWEEN LANES TO APPLY FINAL HMA LIFT.
3. SHIFT TRAFFIC ON S. MARKET ST., ALTERNATING FROM PREVIOUSLY COMPLETED LIFT TO WORK AREA, UNTIL FINAL BINDER LIFT IS PLACED.
4. OPEN

TRAFFIC CONTROL STANDARDS

- 701306 (S. MARKET PAVING)
- 701602
- 701701

LEGEND

-  WORK THIS STAGE
-  DIRECTION OF TRAFFIC FLOW
-  CONSTRUCTION SIGN
-  TYPE III BARRICADE



LAST SAVED = 10/3/2012
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORNER & SHIFRIN, INC.
ENGINEERS

SUGGESTED STAGES OF CONSTRUCTION
AND TRAFFIC CONTROL
 STAGE 3

SCALE: 1" = 100' SHEET NO. 6 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	68
CONTRACT NO. 76F51			ILLINOIS FED. AID PROJECT	

MAINTENANCE OF TRAFFIC STAGE 4

SEQUENCE OF CONSTRUCTION

1. REMOVE SHADED PORTION OF VANDEBROOK DRIVE.
2. RECONSTRUCT SB IL ROUTE 3 SHOULDER.




TRAFFIC PLACEMENT

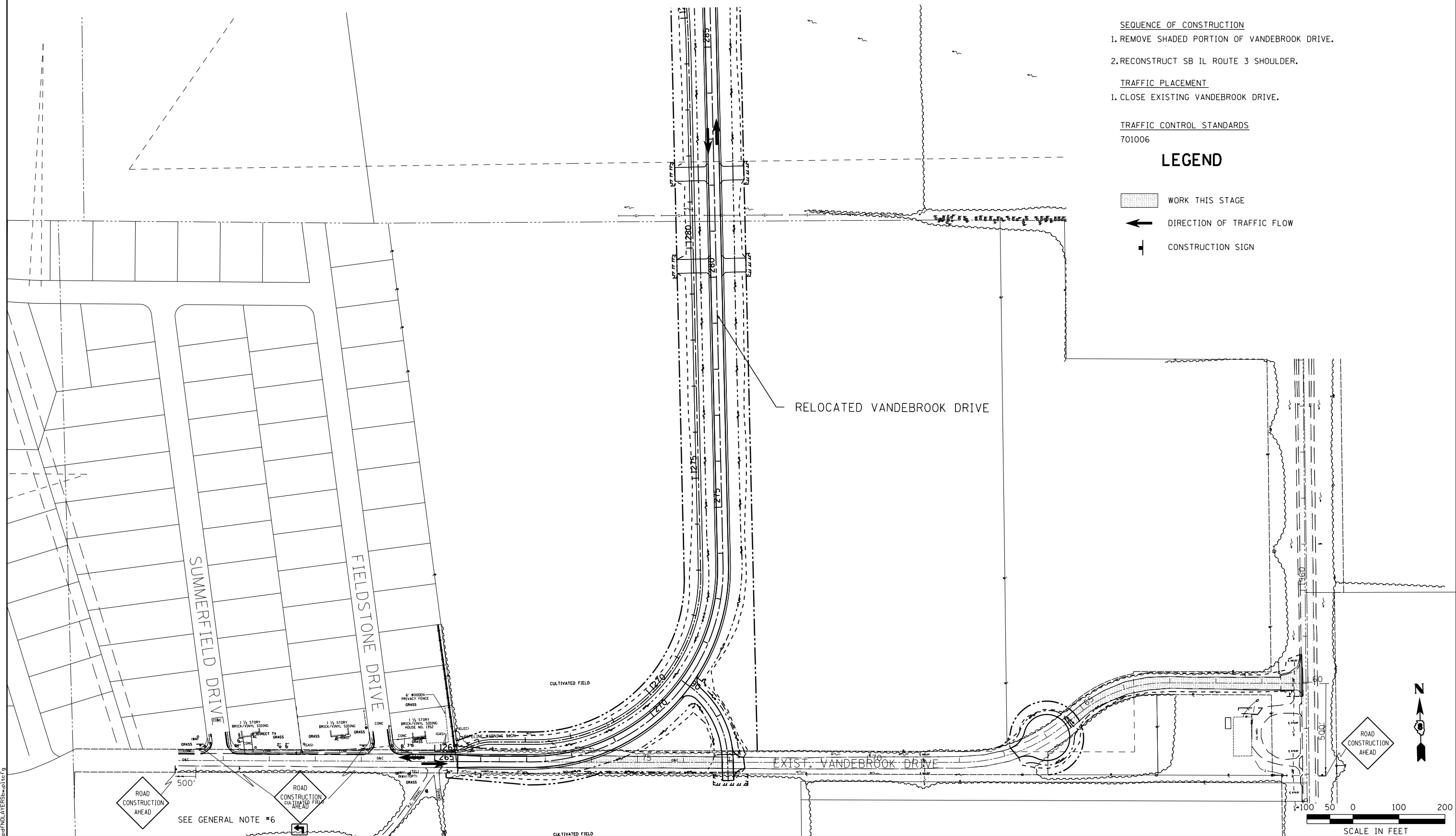
1. CLOSE EXISTING VANDEBROOK DRIVE.

TRAFFIC CONTROL STANDARDS

701006

LEGEND

-  WORK THIS STAGE
-  DIRECTION OF TRAFFIC FLOW
-  CONSTRUCTION SIGN



LAST SAVED = 10/3/2012
 PEN TABLE = 100-244-141
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORNER & SHIFRIN, INC.
ENGINEERS

SUGGESTED STAGES OF CONSTRUCTION
AND TRAFFIC CONTROL
 STAGE 4








F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 76F51				

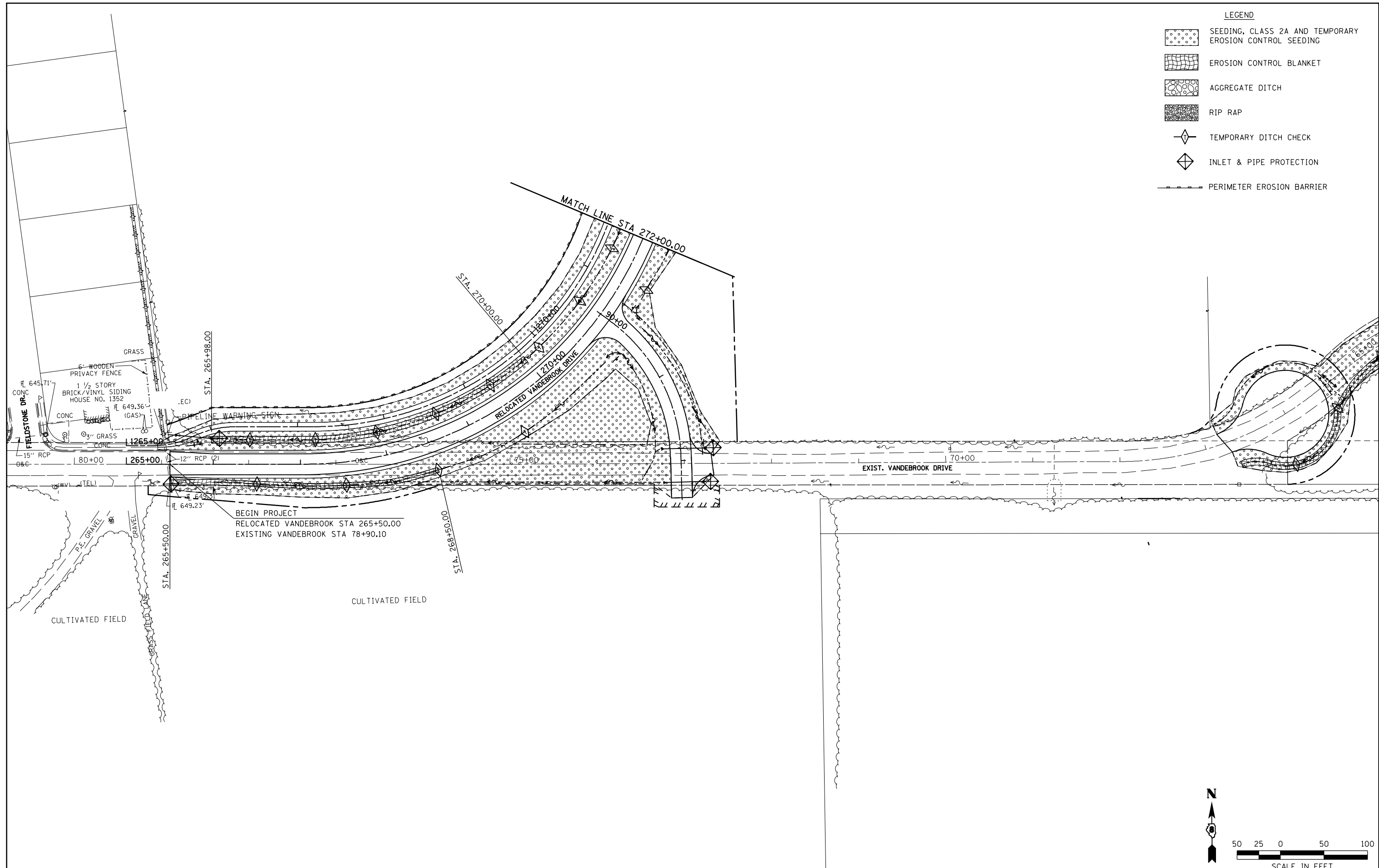
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 SHEET NO. 7 OF 7 SHEETS
 STA. 265+37.54 TO STA. 286+00.00

SCALE IN FEET

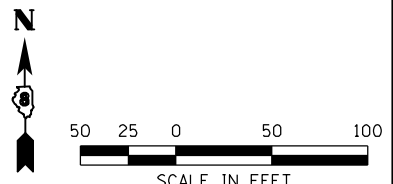
ILLINOIS FED. AID PROJECT

LEGEND

	SEEDING, CLASS 2A AND TEMPORARY EROSION CONTROL SEEDING
	EROSION CONTROL BLANKET
	AGGREGATE DITCH
	RIP RAP
	TEMPORARY DITCH CHECK
	INLET & PIPE PROTECTION
	PERIMETER EROSION BARRIER



BEGIN PROJECT
 RELOCATED VANDEBROOK STA 265+50.00
 EXISTING VANDEBROOK STA 78+90.10



FILE NAME =	USER NAME = Richard Heinke	DESIGNED - JAH	REVISED -
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	CHECKED - TMM	REVISOR - TMM	REVISED -
	DATE -	DATE -	REVISED -








**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

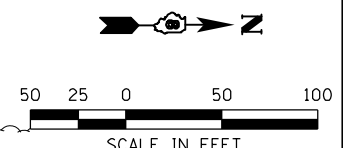
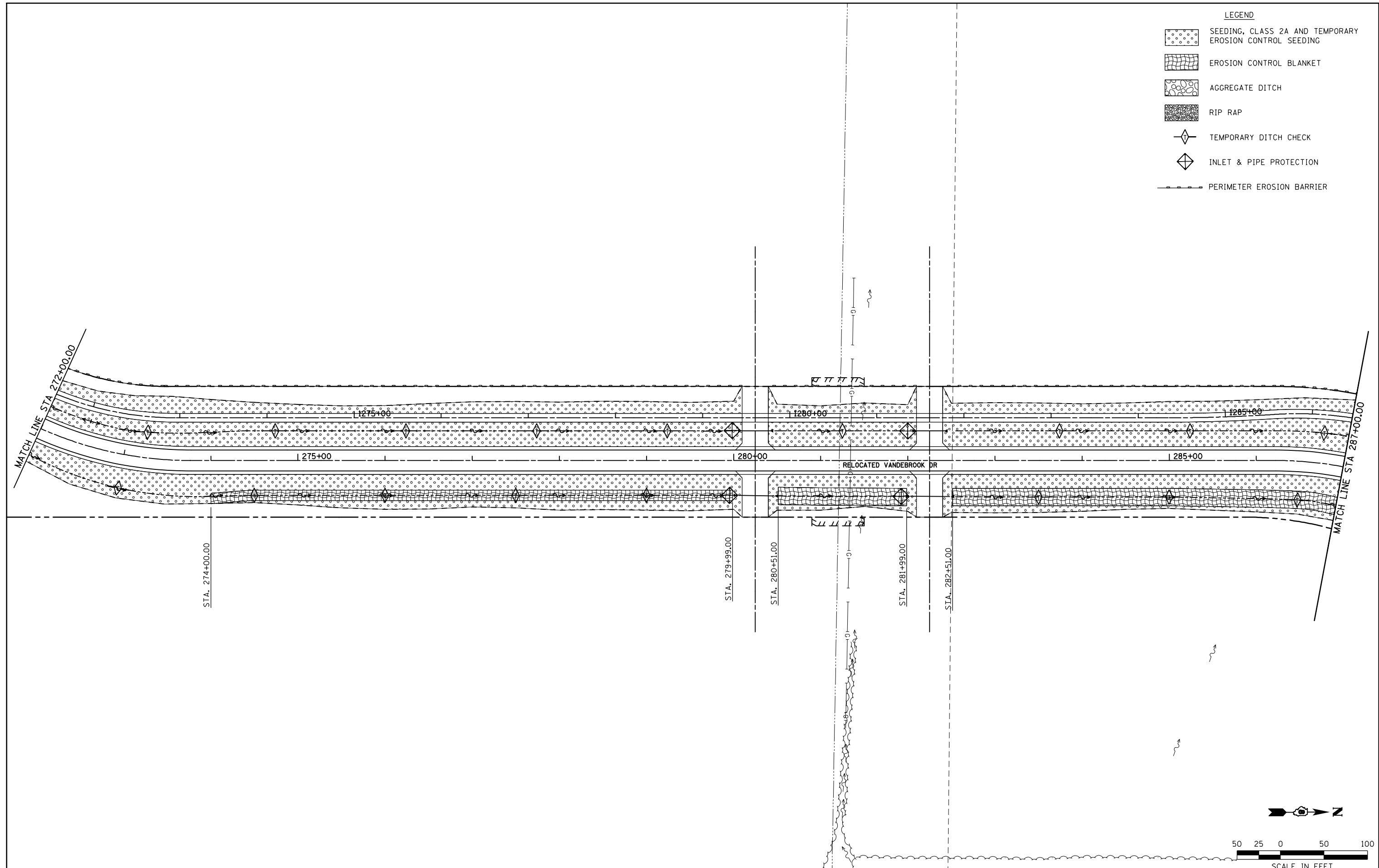
EROSION CONTROL PLAN
 RELOCATED VANDEBROOK DR.

McDonough-Whillow, P.C.
 PROFESSIONAL DESIGN NO. 184-002750
 SCALE: 1"=50'

SHEET NO. 1 OF 8 SHEETS STA. 265+37.54 TO STA. 272+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	70
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				

- LEGEND**
-  SEEDING, CLASS 2A AND TEMPORARY EROSION CONTROL SEEDING
 -  EROSION CONTROL BLANKET
 -  AGGREGATE DITCH
 -  RIP RAP
 -  TEMPORARY DITCH CHECK
 -  INLET & PIPE PROTECTION
 -  PERIMETER EROSION BARRIER



FILE NAME =	USER NAME = Richard Heinke	DESIGNED - JAH	REVISED -
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






**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

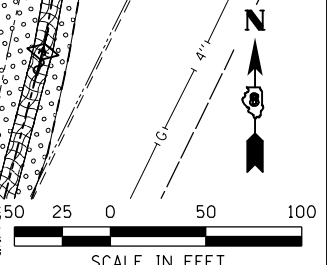
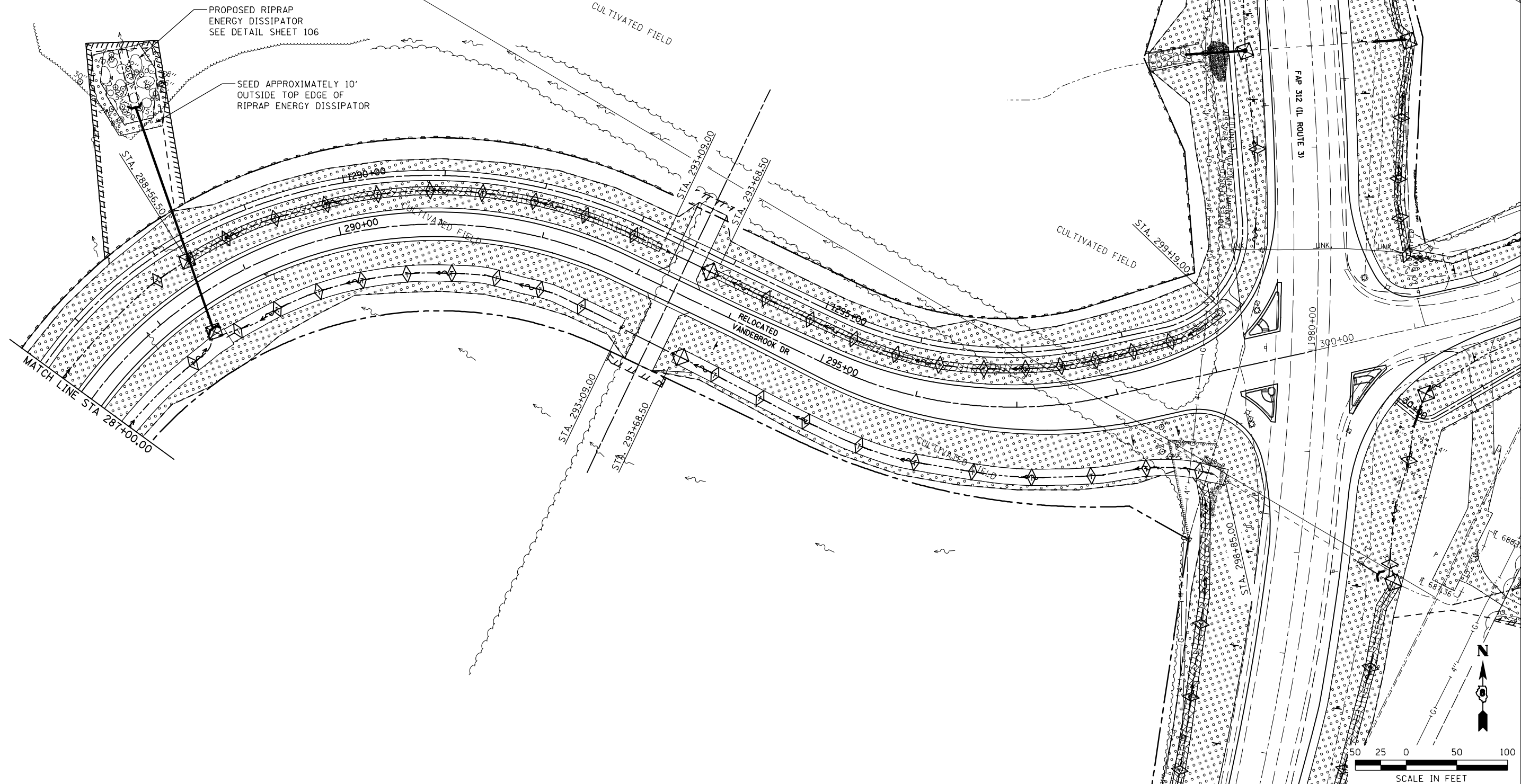

McDonough-Whillow, P.C.
PROFESSIONAL DESIGN NO. 184-002754
SCALE: 1"=50'

EROSION CONTROL PLAN
RELOCATED VANDEBROOK DR.
SHEET NO. 2 OF 8 SHEETS STA. 272+00.00 TO STA. 287+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	71
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				

LEGEND

-  SEEDING, CLASS 2A AND TEMPORARY EROSION CONTROL SEEDING
-  EROSION CONTROL BLANKET
-  AGGREGATE DITCH
-  RIP RAP
-  TEMPORARY DITCH CHECK
-  INLET & PIPE PROTECTION
-  PERIMETER EROSION BARRIER



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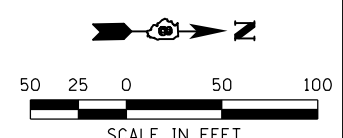
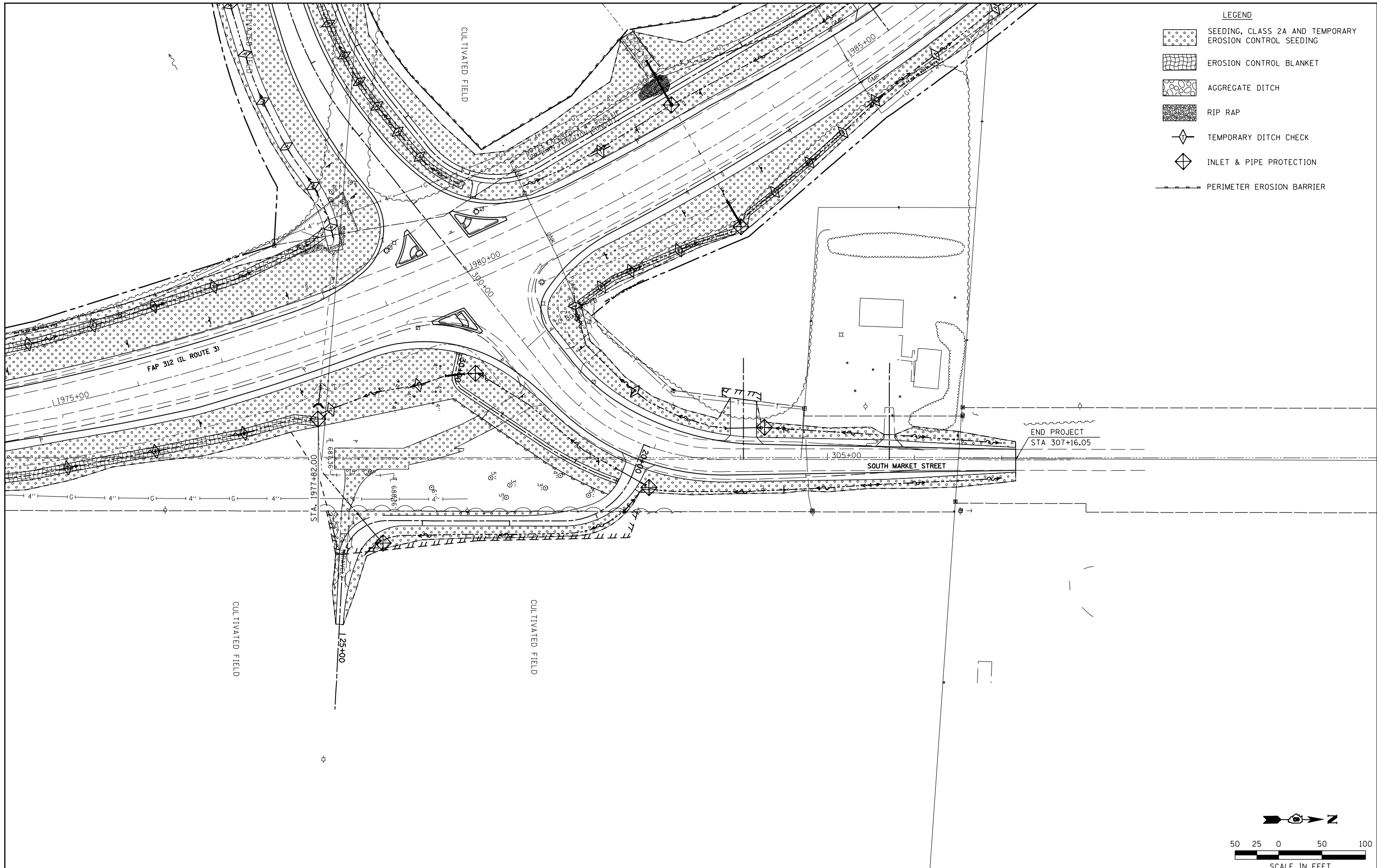
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

McDonough-Whillow, P.C.
PROFESSIONAL DESIGN NO. 184-002754
SCALE: 1" = 50'

EROSION CONTROL PLAN
RELOCATED VANDEBROOK DR.

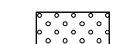



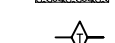


SHEET NO. 3 OF 8 SHEETS STA. 287+00.00 TO STA. 300+00.00

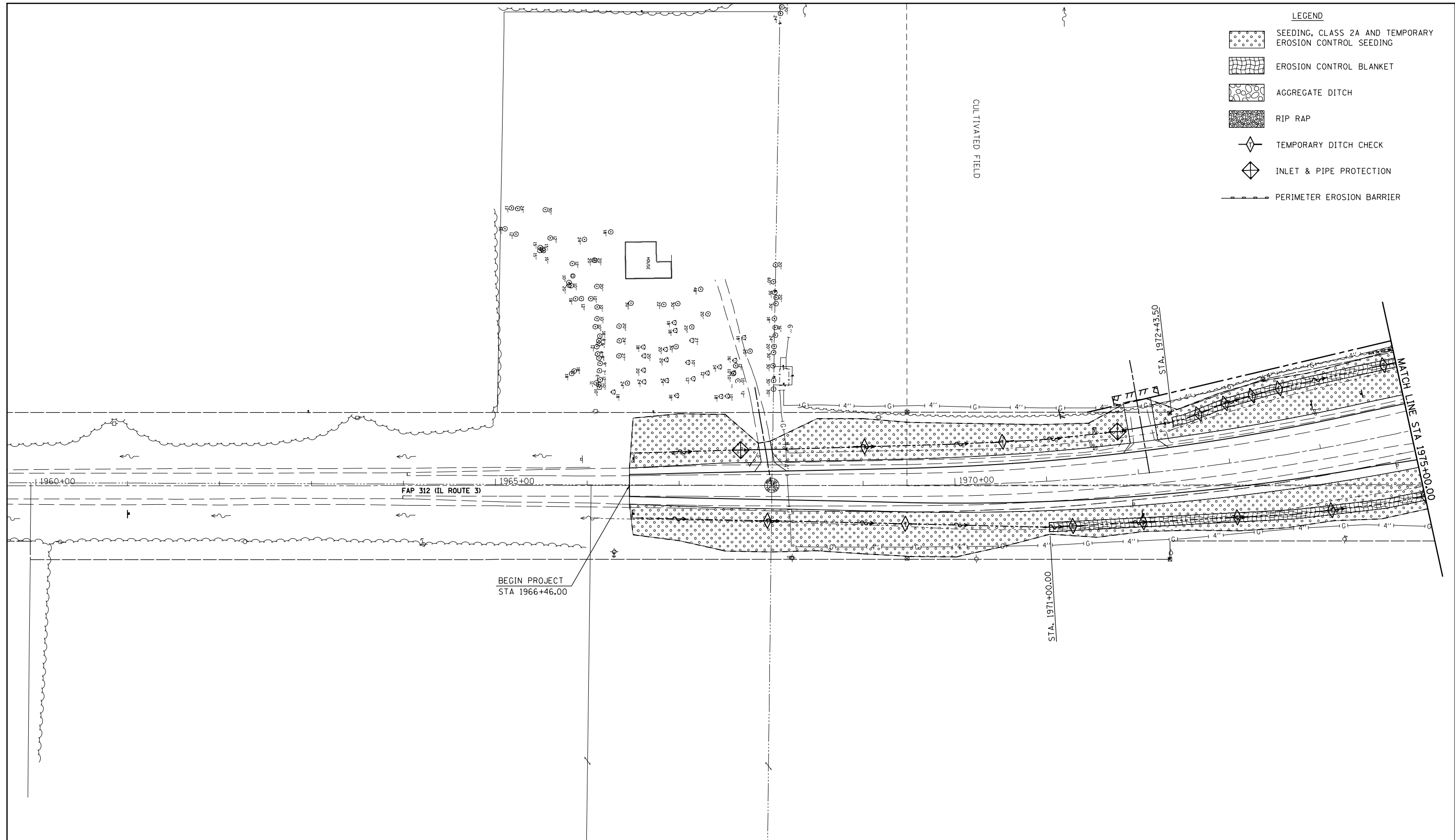
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	72
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				



FILE NAME = F:\Projects\DOT PROJECTS\09-101-11.4\Drawings\CADD Sheets\Contract 1\44.0876F51-sht	USER NAME = Richard Heinke	DESIGNED - JAH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	 McDonough-Whillow, P.C. PROFESSIONAL DESIGN No. 184-002754	EROSION CONTROL PLAN SOUTH MARKET STREET	F.A.U. RTE. 9324	SECTION 68-R-1	COUNTY MONROE	TOTAL SHEETS 192	SHEET NO. 73
PLOT SCALE = 100.0000' / in.	CHECKED - TMM	REVISOR - RNH	REVISION -				SCALE: 1" = 50'	SHEET NO. 4 OF 8 SHEETS	STA. 300+00.00 TO STA. 634+92.60	CONTRACT NO. 76F51	
PLOT DATE = 10/2/2012	DATE -	REVISOR -	REVISION -						ILLINOIS FED. AID PROJECT		

LEGEND

-  SEEDING, CLASS 2A AND TEMPORARY EROSION CONTROL SEEDING
-  EROSION CONTROL BLANKET
-  AGGREGATE DITCH
-  RIP RAP
-  TEMPORARY DITCH CHECK
-  INLET & PIPE PROTECTION
-  PERIMETER EROSION BARRIER



SCALE IN FEET

FILE NAME =	USER NAME = Richard Heinke	DESIGNED - JAH	REVISED -
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	PLOT DATE = 10/2/2012		

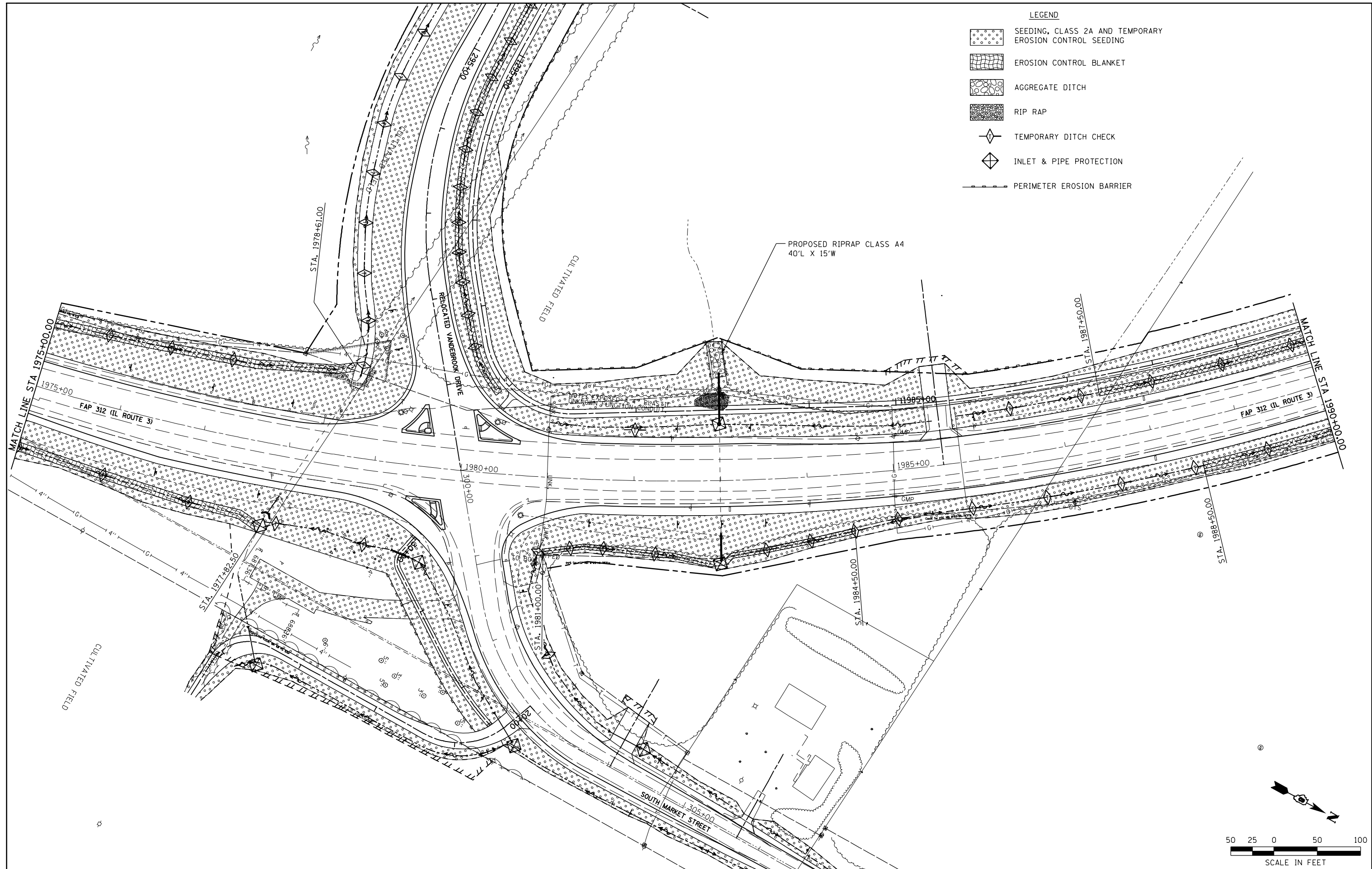
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


McDonough-Whillow, P.C.
PROFESSIONAL DESIGN NO. 184-002754
SCALE: 1" = 50'

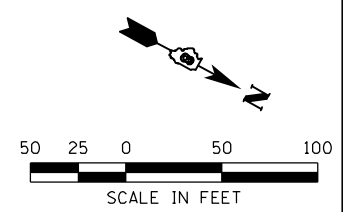
EROSION CONTROL PLAN
IL ROUTE 3

SHEET NO. 5 OF 8 SHEETS STA. 1966+46.00 TO STA. 1975+00.00








F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	74
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				

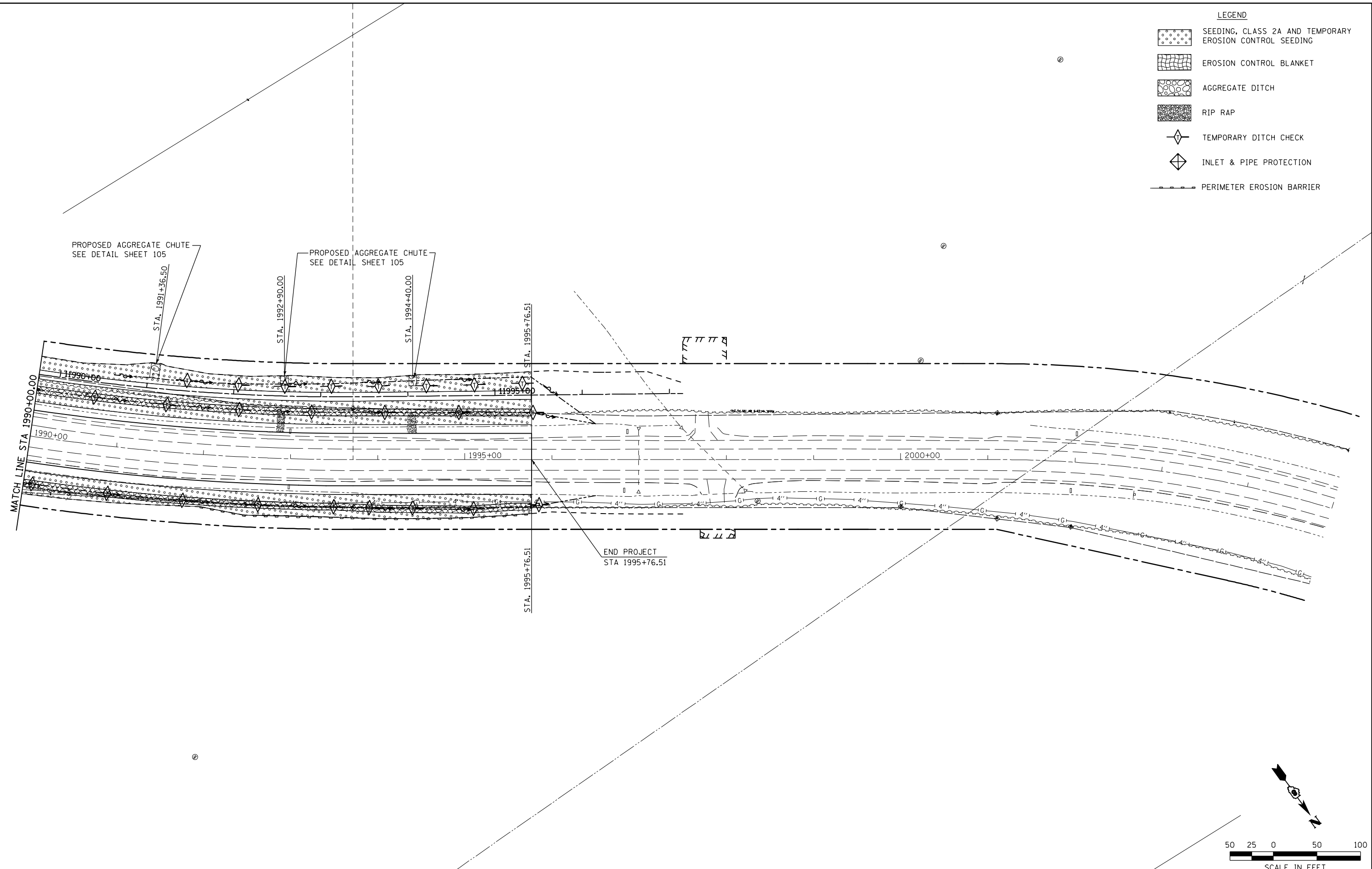


- LEGEND**
- SEEDING, CLASS 2A AND TEMPORARY EROSION CONTROL SEEDING
 - EROSION CONTROL BLANKET
 - AGGREGATE DITCH
 - RIP RAP
 - TEMPORARY DITCH CHECK
 - INLET & PIPE PROTECTION
 - PERIMETER EROSION BARRIER



FILE NAME =	USER NAME = Richard Heinke	DESIGNED - JAH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	 McDonough-Whillow, P.C. <small>PROFESSIONAL DESIGN NO. 184-002754</small> SCALE: 1' = 50'	EROSION CONTROL PLAN IL ROUTE 3	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F:\Projects\IDOT PROJECTS\09-101-11.4\Drawings\CADD Sheets\Contract 1\46.0876F51-shd	DRAWN - RNH	REVISED -	9324				68-R-1	MONROE	192	75	
PLOT SCALE = 100.0000' / in.	CHECKED - TMM	REVISED -	CONTRACT NO. 76F51								
PLOT DATE = 10/2/2012	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								

- LEGEND**
-  SEEDING, CLASS 2A AND TEMPORARY EROSION CONTROL SEEDING
 -  EROSION CONTROL BLANKET
 -  AGGREGATE DITCH
 -  RIP RAP
 -  TEMPORARY DITCH CHECK
 -  INLET & PIPE PROTECTION
 -  PERIMETER EROSION BARRIER










FILE NAME =	USER NAME = Richard Heinke	DESIGNED - JAH	REVISED -
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PLOT DATE = 10/2/2012			

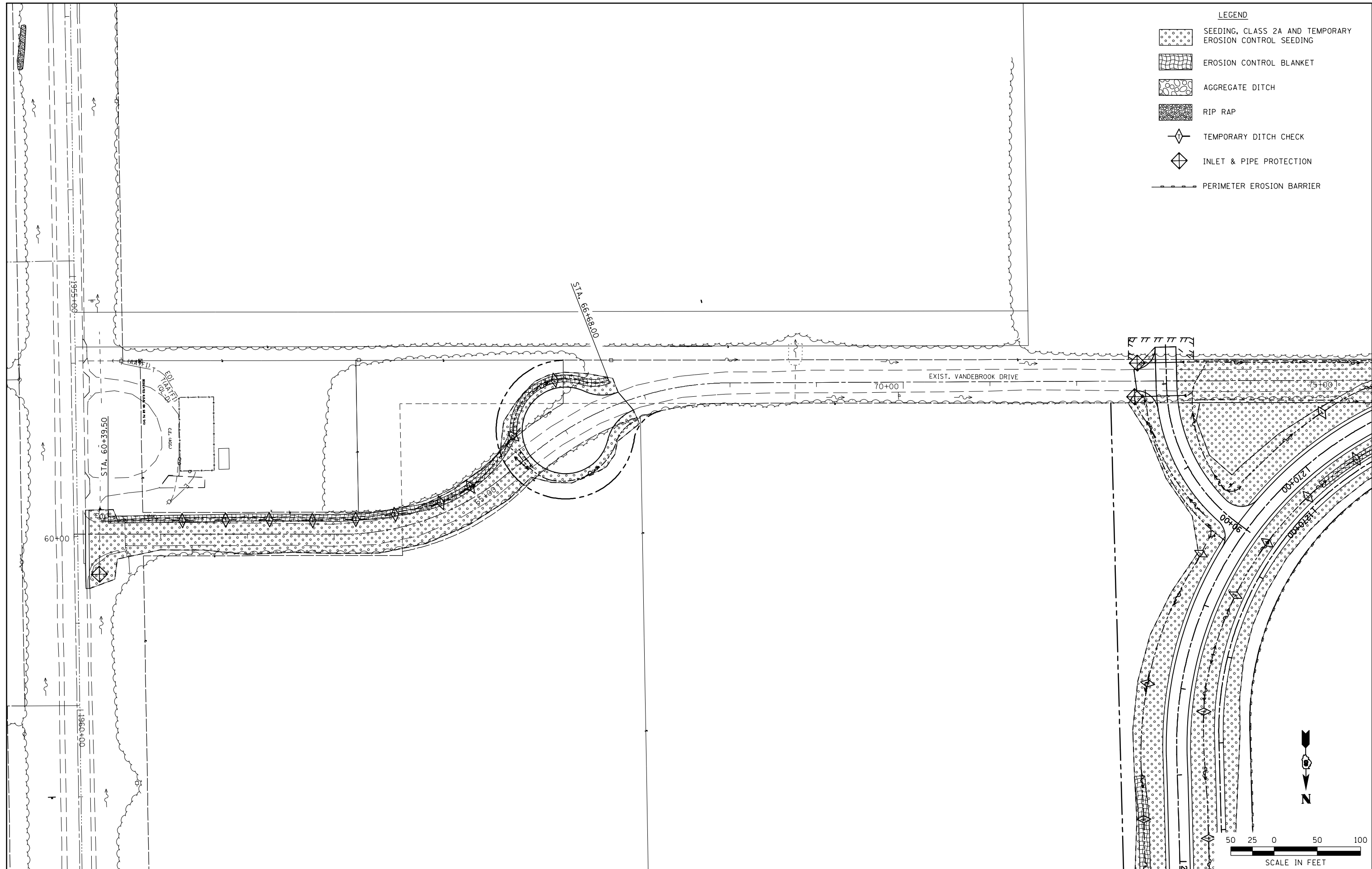
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


McDonough-Whillow, P.C.
PROFESSIONAL DESIGN NO. 184-002754
SCALE: 1" = 50'

EROSION CONTROL PLAN
IL ROUTE 3
SHEET NO. 7 OF 8 SHEETS STA. 1990+00.00 TO STA. 2005+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	76
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				

- LEGEND**
-  SEEDING, CLASS 2A AND TEMPORARY EROSION CONTROL SEEDING
 -  EROSION CONTROL BLANKET
 -  AGGREGATE DITCH
 -  RIP RAP
 -  TEMPORARY DITCH CHECK
 -  INLET & PIPE PROTECTION
 -  PERIMETER EROSION BARRIER



FILE NAME =	USER NAME = Richard Heinke	DESIGNED - JAH	REVISED -
F:\Projects\IDOT PROJECTS\09-101-11.4\Drawings\CADD Sheets\Contract 1\48.0876F51-sht		DRAWN - RNH	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED - TMM	REVISED -
	PLOT DATE = 10/2/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



McDonough-Whillow, P.C.
PROFESSIONAL DESIGN NO. 184-002754
SCALE: 1" = 50'

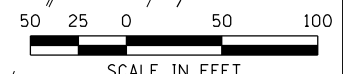
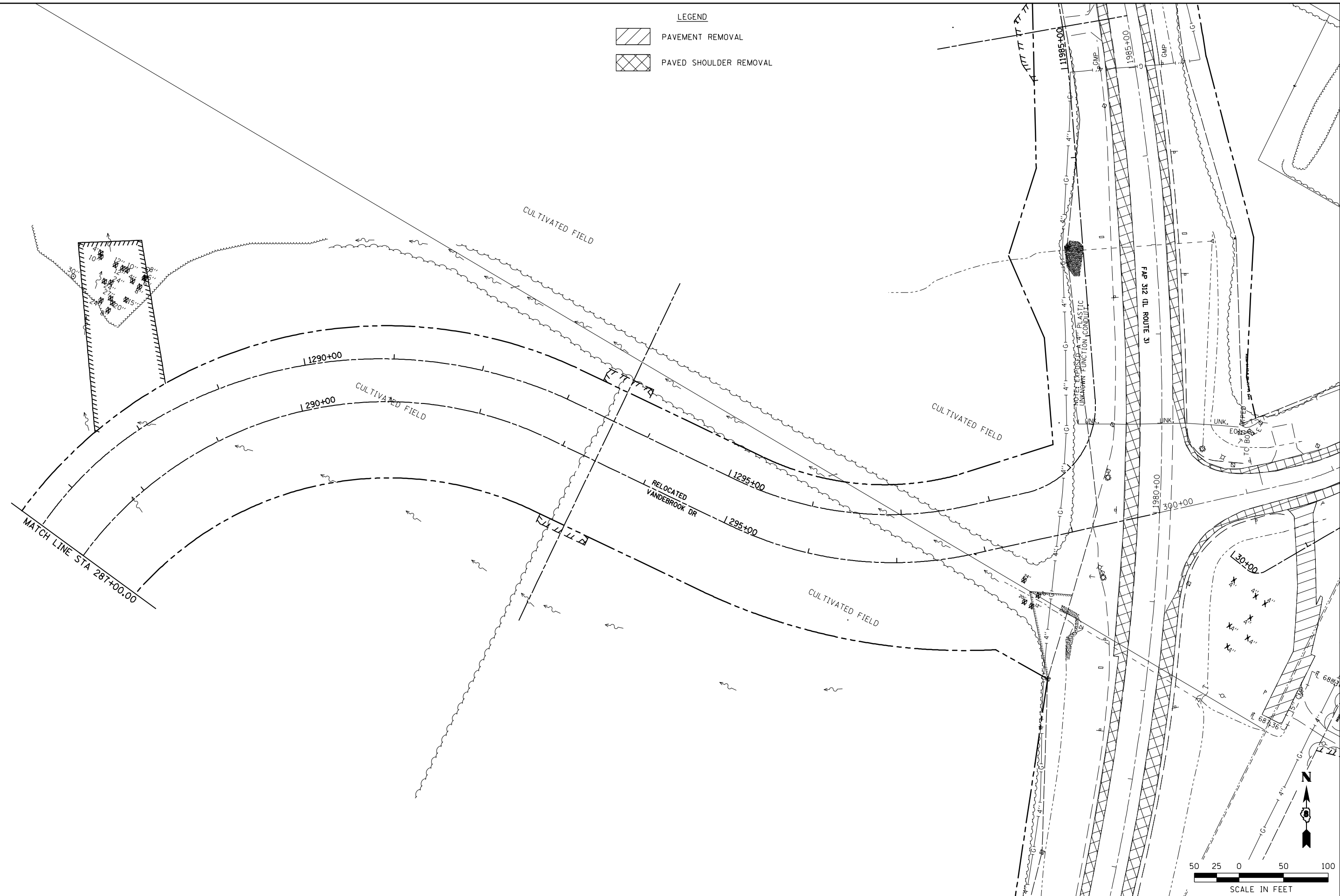
**EROSION CONTROL PLAN
EXISTING VANDEBROOK DRIVE**

SHEET NO. 8 OF 8 SHEETS STA. 60+00.00 TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	77
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				

LEGEND

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL



FILE NAME = F:\Projects\IDOT PROJECTS\09-101-11.4\Drawings\CADD Sheets\Contract 1\63.0876F51.sht	USER NAME = Richard Heinke	DESIGNED - JAH	REVISED -
		DRAWN - RNH	REVISED -
		CHECKED - TMM	REVISED -
		DATE -	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

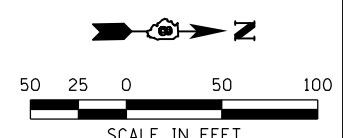
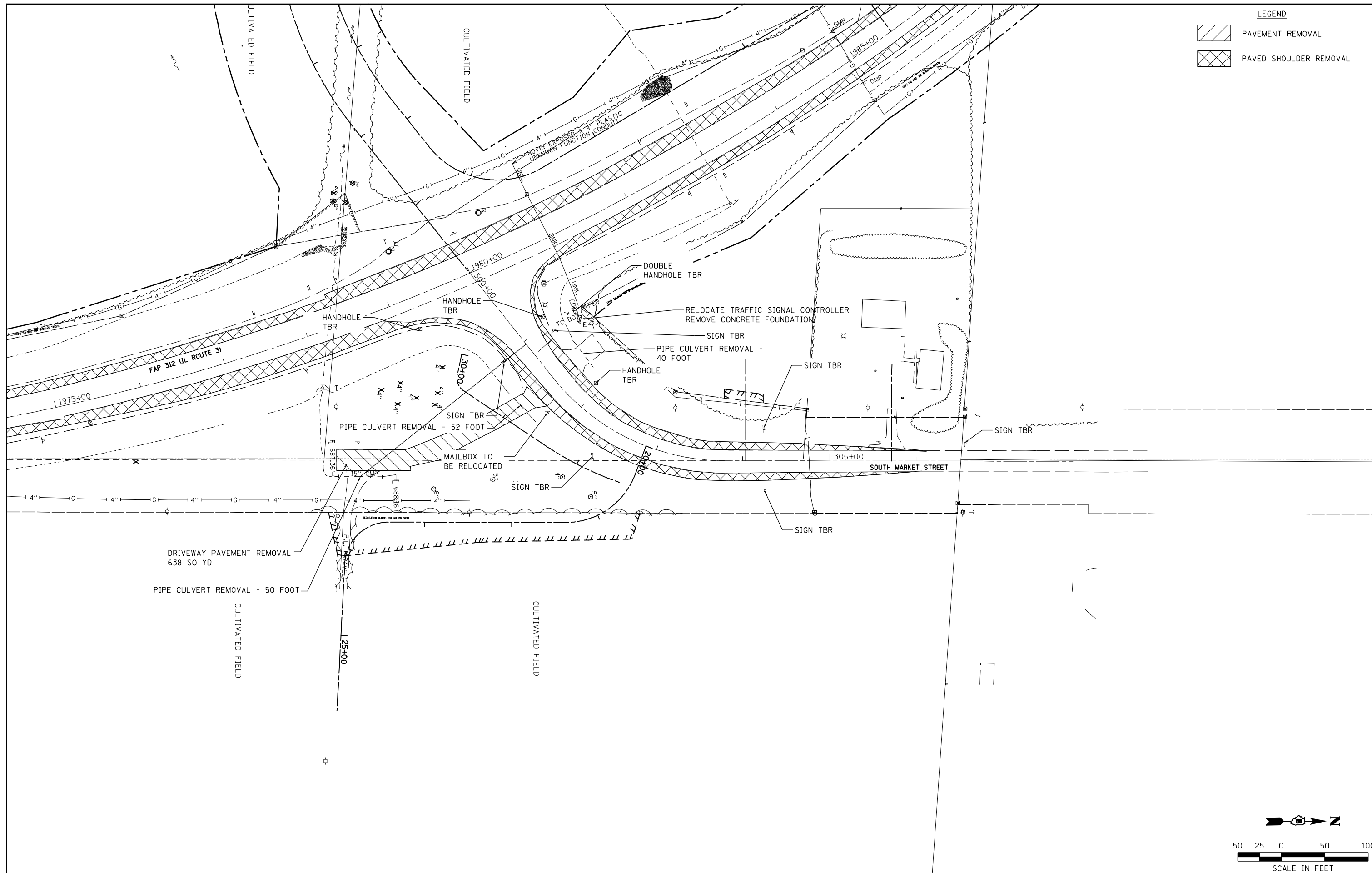
McDonough-Whillow, P.C.
PROFESSIONAL DESIGN NO. 184-002754
SCALE: 1" = 50'

REMOVAL PLAN
RELOCATED VANDEBROOK DR.
SHEET NO. 2 OF 7 SHEETS
STA. 287+00.00 TO STA. 300+00.00

F.A.U. RTE. 9324	SECTION 68-R-1	COUNTY MONROE	TOTAL SHEETS 192	SHEET NO. 79
CONTRACT NO. 76F51				ILLINOIS FED. AID PROJECT

LEGEND

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL



FILE NAME = F:\Projects\IDOT PROJECTS\09-101-11.4\Drawings\CADD Sheets\Contract 1\64.0876F51-sht	USER NAME = Richard Heinke	DESIGNED - JAH	REVISED -
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	PLOT DATE = 10/10/2012		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



McDonough-Whillow, P.C.
PROFESSIONAL DESIGN No. 184-002754
SCALE: 1" = 50'

REMOVAL PLAN
SOUTH MARKET STREET

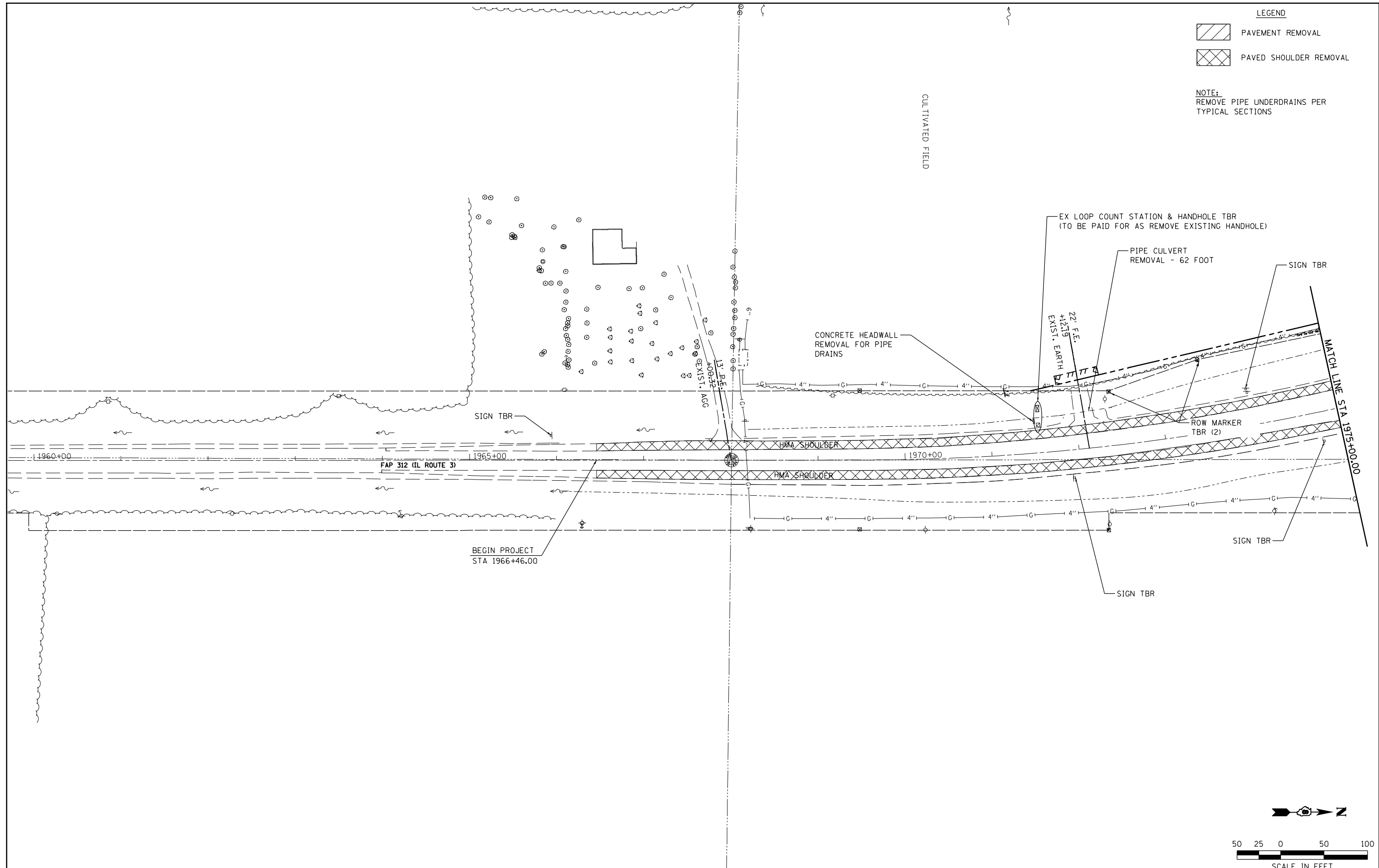
SHEET NO. 3 OF 7 SHEETS STA. 300+00.00 TO STA. 634+92.60

F.A.U. RTE. 9324	SECTION 68-R-1	COUNTY MONROE	TOTAL SHEETS 192	SHEET NO. 80
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				

LEGEND

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL

NOTE:
REMOVE PIPE UNDERDRAINS PER
TYPICAL SECTIONS



FILE NAME =	USER NAME = Richard Heinke	DESIGNED - JAH	REVISED -
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	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -
	PLOT DATE = 10/2/2012		

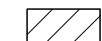

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


McDonough-Whillow, P.C.
PROFESSIONAL DESIGN No. 184-002754
SCALE: 1" = 50'

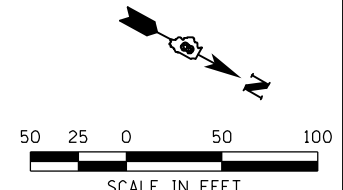
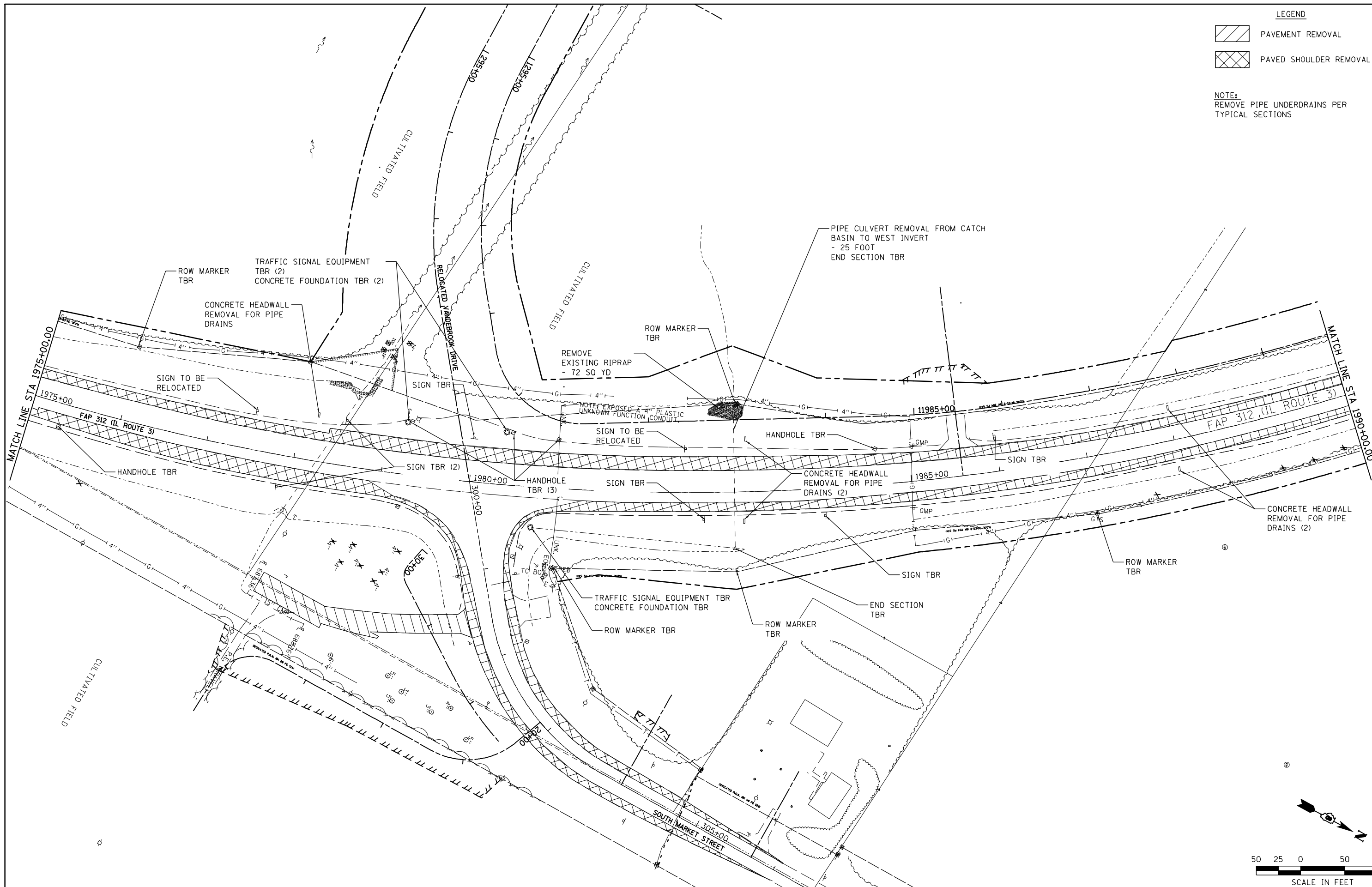
REMOVAL PLAN
IL ROUTE 3
SHEET NO. 4 OF 7 SHEETS
STA. 1966+46.00 TO STA. 1975+00.00


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	81
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				

LEGEND



-  PAVEMENT REMOVAL
-  PAVED SHOULDER REMOVAL

NOTE:
REMOVE PIPE UNDERDRAINS PER
TYPICAL SECTIONS

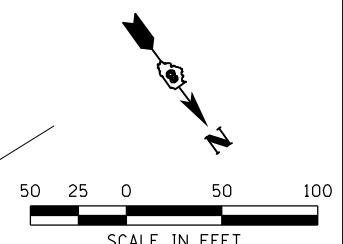
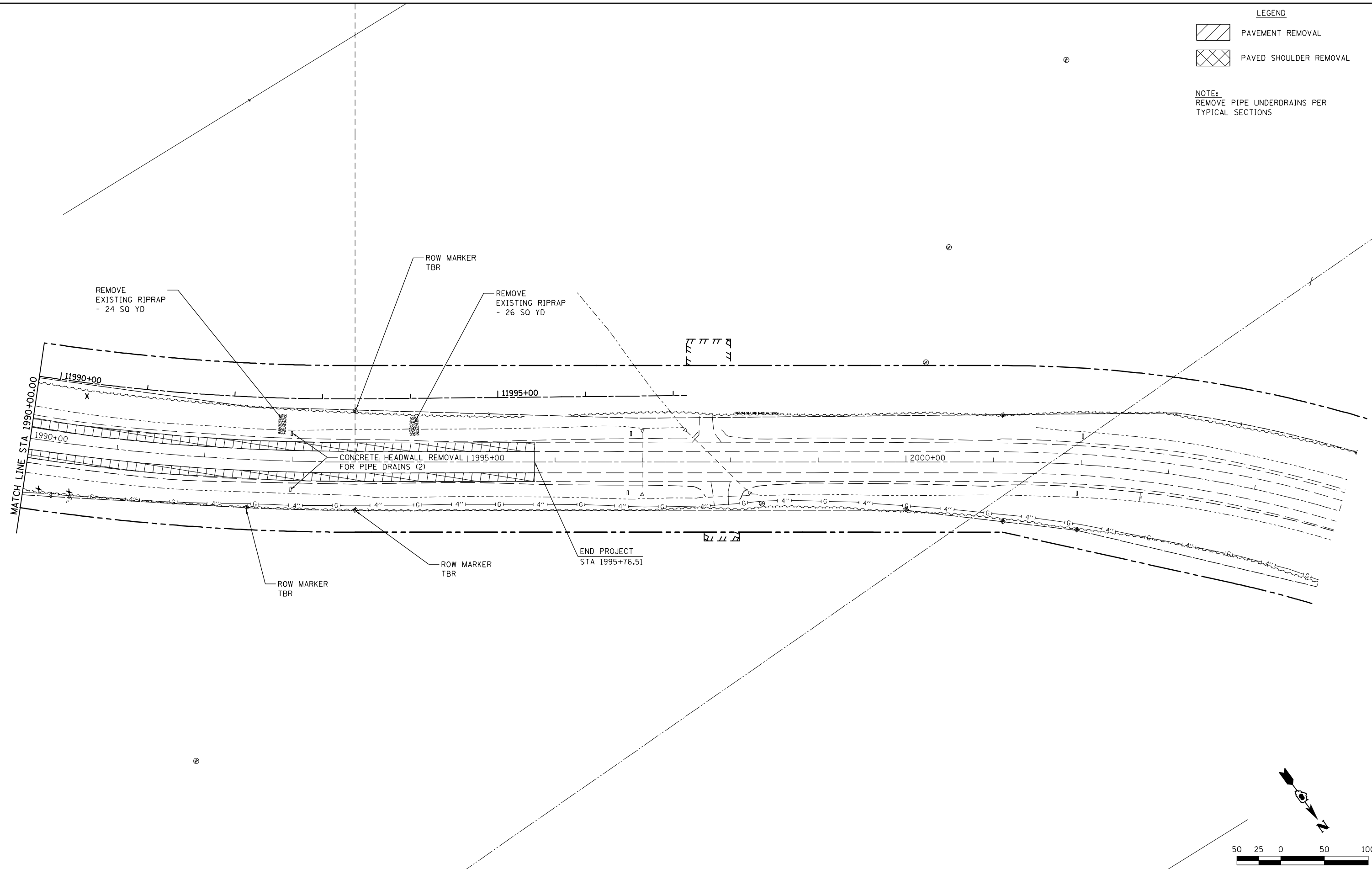


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PLOT SCALE = 100.0000' / in.	CHECKED - TMM	REVISOR - RNH	REVISOR -				SCALE: 1' = 50'	SHEET NO. 5 OF 7 SHEETS	STA. 1975+00.00 TO STA. 1990+00.00	CONTRACT NO. 76F51		ILLINOIS FED. AID PROJECT	
PLOT DATE = 10/10/2012	DATE -	REVISOR -	REVISOR -										

LEGEND

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL

NOTE:
REMOVE PIPE UNDERDRAINS PER
TYPICAL SECTIONS



FILE NAME =	USER NAME = Richard Heinke	DESIGNED - JAH	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




McDonough-Whillow, P.C.
PROFESSIONAL DESIGN NO. 184-002754

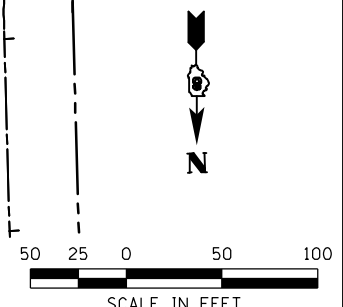
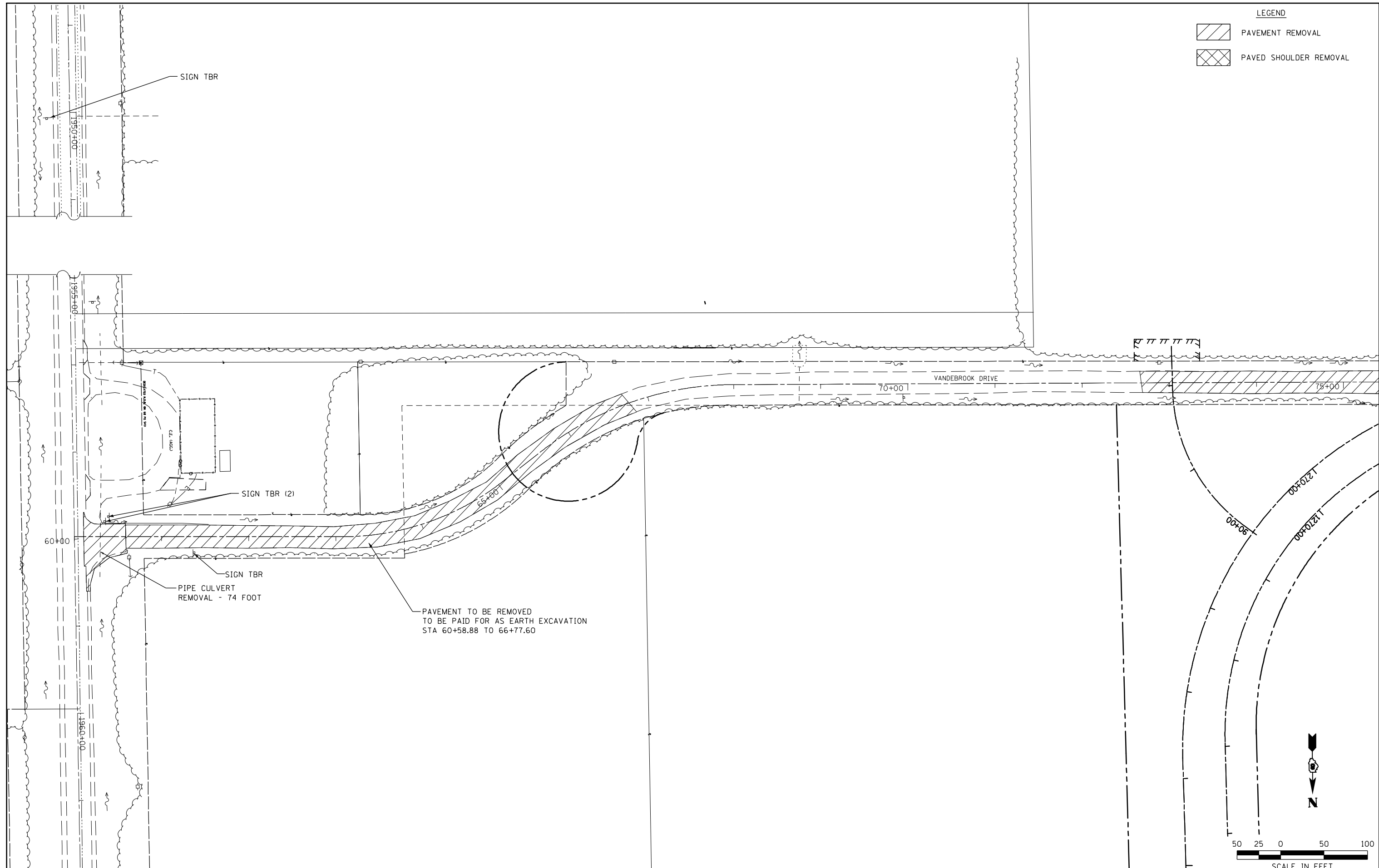
REMOVAL PLAN
IL ROUTE 3

SCALE: 1" = 50' SHEET NO. 6 OF 7 SHEETS STA. 1990+00.00 TO STA. 2005+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	83
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				

LEGEND

	PAVEMENT REMOVAL
	PAVED SHOULDER REMOVAL



FILE NAME = F:\Projects\IDOT PROJECTS\09-101-11.4\Drawings\CADD Sheets\Contract 1\68-0876F51-sht-01.dwg	USER NAME = Richard Heinke	DESIGNED - JAH	REVISED -
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	PLOT DATE = 10/2/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


McDonough-Whillow, P.C.
PROFESSIONAL DESIGN NO. 184-002754

**REMOVAL PLAN
VANDEBROOK DR.**

SCALE: 1" = 50' SHEET NO. 7 OF 7 SHEETS STA. 60+00.00 TO STA.

F.A.U. RTE. 9324	SECTION 68-R-1	COUNTY MONROE	TOTAL SHEETS 192	SHEET NO. 84
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				

NO.	NORTHING	EASTING
17	599,670.63	2,302,465.99
18	599,674.43	2,302,470.82
19	599,681.27	2,302,474.67
20	599,711.67	2,302,462.20
21	599,682.65	2,302,458.07
22	599,676.76	2,302,456.90
23	599,665.27	2,302,455.95
24	599,687.40	2,302,436.56
25	599,681.51	2,302,435.41

3-CENTERED CURVE
200'-125'-300'
O/S 6' - 6'

2-CENTERED CURVE
40'-200'
21' O/S

NO.	NORTHING	EASTING
10	599,601.21	2,302,509.20
11	599,615.24	2,302,505.73
12	599,621.01	2,302,503.39
13	599,624.01	2,302,498.93
14	599,624.41	2,302,494.58
15	599,620.61	2,302,489.74
16	599,609.56	2,302,478.94

2-CENTERED CURVE
65'-250'
12' O/S

NO.	NORTHING	EASTING
1	599,646.43	2,302,577.25
2	599,672.08	2,302,583.57
3	599,677.90	2,302,585.03
4	599,687.11	2,302,585.62
5	599,671.89	2,302,567.87
6	599,668.88	2,302,565.87
7	599,663.14	2,302,568.25
8	599,671.20	2,302,614.28
9	599,665.38	2,302,612.79

2-CENTERED CURVE
180'-400'
3.8' O/S

LAST SAVED = 10/3/2012
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

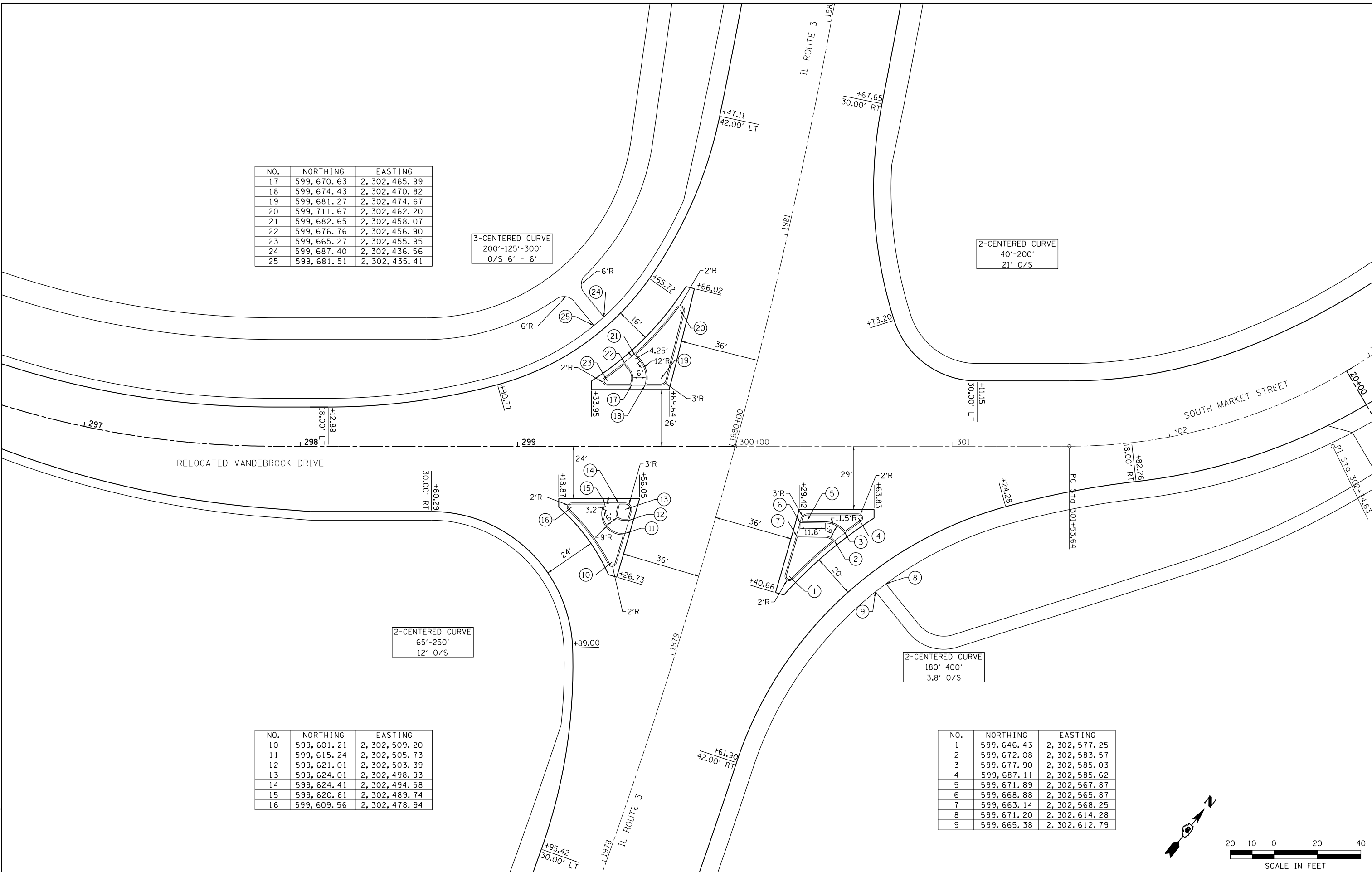
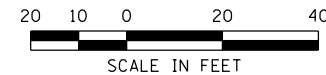


INTERSECTION DETAILS
RELOCATED VANDEBROOK DR / S MARKET ST & IL ROUTE 3

SCALE: 1" = 20'

SHEET NO. 1 OF 2 SHEETS STA. TO STA.

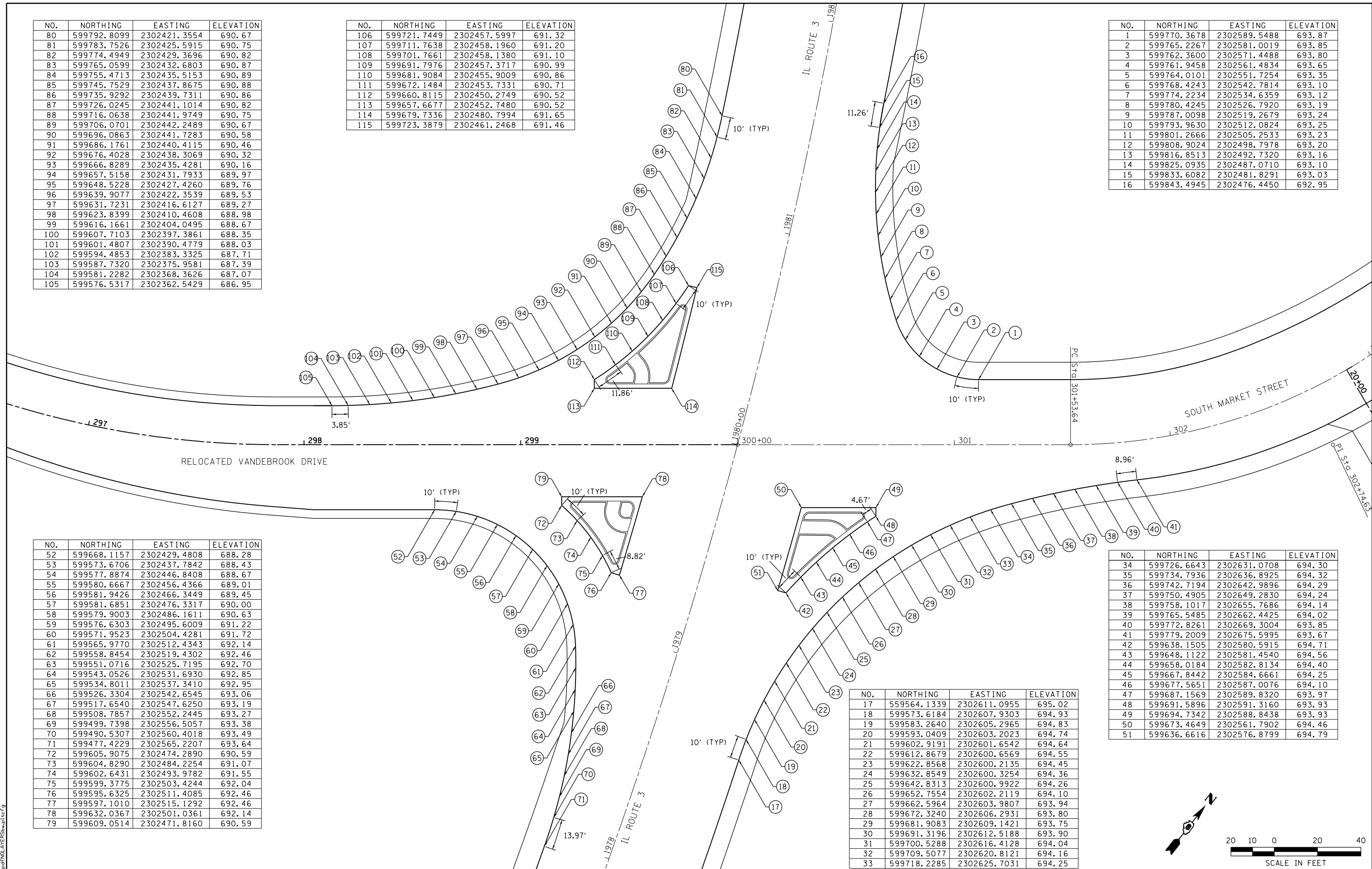
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	85
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				



NO.	NORTHING	EASTING	ELEVATION
80	599792.8099	2302421.3554	690.67
81	599783.7526	2302425.5915	690.75
82	599774.4949	2302429.3696	690.82
83	599765.0599	2302432.6803	690.87
84	599755.4713	2302435.5153	690.89
85	599745.7529	2302437.8675	690.88
86	599735.9292	2302439.7311	690.86
87	599726.0245	2302441.1014	690.82
88	599716.0638	2302441.9749	690.75
89	599706.0701	2302442.2489	690.67
90	599696.0863	2302441.7283	690.58
91	599686.1761	2302440.4115	690.46
92	599676.4028	2302438.3069	690.32
93	599666.8289	2302435.4281	690.16
94	599657.5158	2302431.7933	689.97
95	599648.5228	2302427.4260	689.76
96	599639.9077	2302422.3539	689.53
97	599631.7231	2302416.6127	689.27
98	599623.8399	2302410.4608	688.98
99	599616.1661	2302404.0495	688.67
100	599607.7103	2302397.3861	688.35
101	599601.4807	2302390.4779	688.03
102	599594.4853	2302383.3325	687.71
103	599587.7320	2302375.9581	687.39
104	599581.2282	2302368.3626	687.07
105	599576.5317	2302362.5429	686.95

NO.	NORTHING	EASTING	ELEVATION
106	599721.7449	2302457.5997	691.32
107	599711.7638	2302458.1960	691.20
108	599701.7661	2302458.1380	691.10
109	599691.7976	2302457.3717	690.99
110	599681.9084	2302455.9009	690.86
111	599672.1484	2302453.7331	690.71
112	599660.8115	2302450.2749	690.52
113	599657.6677	2302452.7480	690.52
114	599679.7336	2302480.7994	691.65
115	599723.3879	2302461.2468	691.46

NO.	NORTHING	EASTING	ELEVATION
1	599770.3678	2302589.5488	693.87
2	599765.2267	2302581.0019	693.85
3	599762.3600	2302571.4488	693.80
4	599761.9458	2302561.4834	693.65
5	599764.0101	2302551.7254	693.35
6	599768.4243	2302542.7814	693.10
7	599774.2234	2302534.6359	693.12
8	599780.4245	2302526.7920	693.19
9	599787.0098	2302519.2679	693.24
10	599793.9630	2302512.0824	693.25
11	599801.2666	2302505.2533	693.23
12	599808.9024	2302498.7978	693.20
13	599816.8513	2302492.7320	693.16
14	599825.0935	2302487.0710	693.10
15	599833.6082	2302481.8291	693.03
16	599843.4945	2302476.4450	692.95



NO.	NORTHING	EASTING	ELEVATION
52	599668.1157	2302429.4808	688.28
53	599573.6706	2302437.7842	688.43
54	599577.8874	2302446.8408	688.67
55	599580.6667	2302456.4366	689.01
56	599581.9426	2302466.3449	689.45
57	599581.6851	2302476.3317	690.00
58	599579.9003	2302486.1611	690.63
59	599576.6303	2302495.6009	691.22
60	599571.9523	2302504.4281	691.72
61	599565.9770	2302512.4343	692.14
62	599558.8454	2302519.4302	692.46
63	599551.0716	2302525.7195	692.70
64	599543.0526	2302531.6930	692.85
65	599534.8011	2302537.3410	692.95
66	599526.3304	2302542.6545	693.06
67	599517.6540	2302547.6250	693.19
68	599508.7857	2302552.2445	693.27
69	599499.7398	2302556.5057	693.38
70	599490.5307	2302560.4018	693.49
71	599477.4229	2302565.2207	693.64
72	599605.9075	2302474.2890	690.59
73	599604.8290	2302484.2254	691.07
74	599602.6431	2302493.9782	691.55
75	599599.3775	2302503.4244	692.04
76	599595.6325	2302511.4085	692.46
77	599597.1010	2302515.1292	692.46
78	599632.0367	2302501.0361	692.14
79	599609.0514	2302471.8160	690.59

NO.	NORTHING	EASTING	ELEVATION
17	599564.1339	2302611.0955	695.02
18	599573.6184	2302607.9303	694.93
19	599583.2640	2302605.2965	694.83
20	599593.0409	2302603.2023	694.74
21	599602.9191	2302601.6542	694.64
22	599612.8679	2302600.6569	694.55
23	599622.8568	2302600.2135	694.45
24	599632.8549	2302600.3254	694.36
25	599642.8313	2302600.9922	694.26
26	599652.7554	2302602.2119	694.10
27	599662.5964	2302603.9807	693.94
28	599672.3240	2302606.2931	693.80
29	599681.9083	2302609.1421	693.75
30	599691.3196	2302612.5188	693.90
31	599700.5288	2302616.4128	694.04
32	599709.5077	2302620.8121	694.16
33	599718.2285	2302625.7031	694.25

NO.	NORTHING	EASTING	ELEVATION
34	599726.6643	2302631.0708	694.30
35	599734.7936	2302636.8925	694.32
36	599742.7194	2302642.9896	694.29
37	599750.4905	2302649.2830	694.24
38	599758.1017	2302655.7686	694.14
39	599765.5485	2302662.4425	694.02
40	599772.8261	2302669.3004	693.85
41	599779.2009	2302675.5995	693.67
42	599638.1505	2302580.5915	694.71
43	599648.1122	2302581.4540	694.56
44	599658.0184	2302582.8134	694.40
45	599667.8442	2302584.6661	694.25
46	599677.5651	2302587.0076	694.10
47	599687.1569	2302589.8320	693.97
48	599691.5896	2302591.3160	693.93
49	599694.7342	2302588.8438	693.93
50	599673.4649	2302561.7902	694.46
51	599636.6616	2302576.8799	694.79

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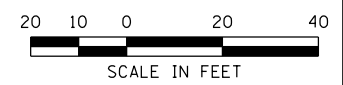
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



INTERSECTION DETAILS
 RELOCATED VANDEBROOK DR / S MARKET ST & IL ROUTE 3

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	86
CONTRACT NO. 76F51				

SCALE: 1" = 20' SHEET NO. 2 OF 2 SHEETS STA. TO STA.



ILLINOIS FED. AID PROJECT



"CYCLISTS DISMOUNT" - 18x18
STA 265+71.25, 38' LT

RELOCATED VANDEBROOK DRIVE



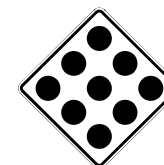
R5-3-24x24
266+25.00, 28' LT

(M) 80' OC
(TYP)

MATCH LINE STA 272+00.00

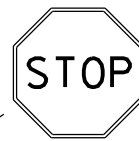
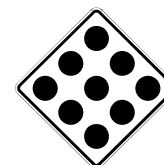


R1-1-30x30
STA 90+25.00, 28' LT



ROAD
CLOSED

R11-2-48x30
2xOM4-1-18x18
STA 65+43.00, 0' RT



R1-1-30x30
STA 72+78.00, 23' RT

1265+00

180+00

1265+00

175+00

170+00

BEGIN PROJECT
STA 265+50.00

EXIST. VANDEBROOK DRIVE

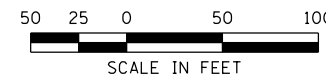
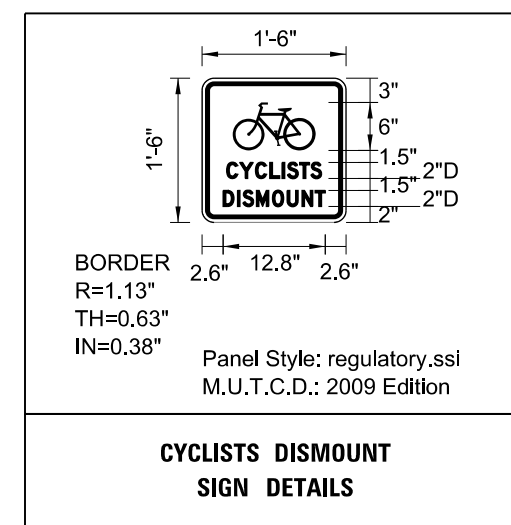


R2-1-24x30
STA 266+00.00, 30' RT



W14-1-30x30
STA 90+50.00, 28' RT

- (A) PAVEMENT MARKING - LETTERS AND SYMBOLS
- (B) PAVEMENT MARKING - LINE 4" WHITE
- (C) PAVEMENT MARKING - LINE 4" YELLOW
- (D) PAVEMENT MARKING - LINE 4" WHITE 2' LINE - 6' GAP
- (E) PAVEMENT MARKING - LINE 4" WHITE 10' LINE - 30' GAP
- (F) PAVEMENT MARKING - LINE 4" DOUBLE YELLOW
- (G) PAVEMENT MARKING - LINE 8" SOLID WHITE
- (H) PAVEMENT MARKING - LINE 12" SOLID WHITE
- (I) PAVEMENT MARKING - LINE 12" SOLID YELLOW
- (J) PAVEMENT MARKING - LINE 24" SOLID WHITE
- (K) RAISED REFLECTIVE PAVEMENT MARKER - ONE WAY CRYSTAL
- (L) RAISED REFLECTIVE PAVEMENT MARKER - ONE WAY AMBER
- (M) RAISED REFLECTIVE PAVEMENT MARKER - TWO WAY AMBER



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

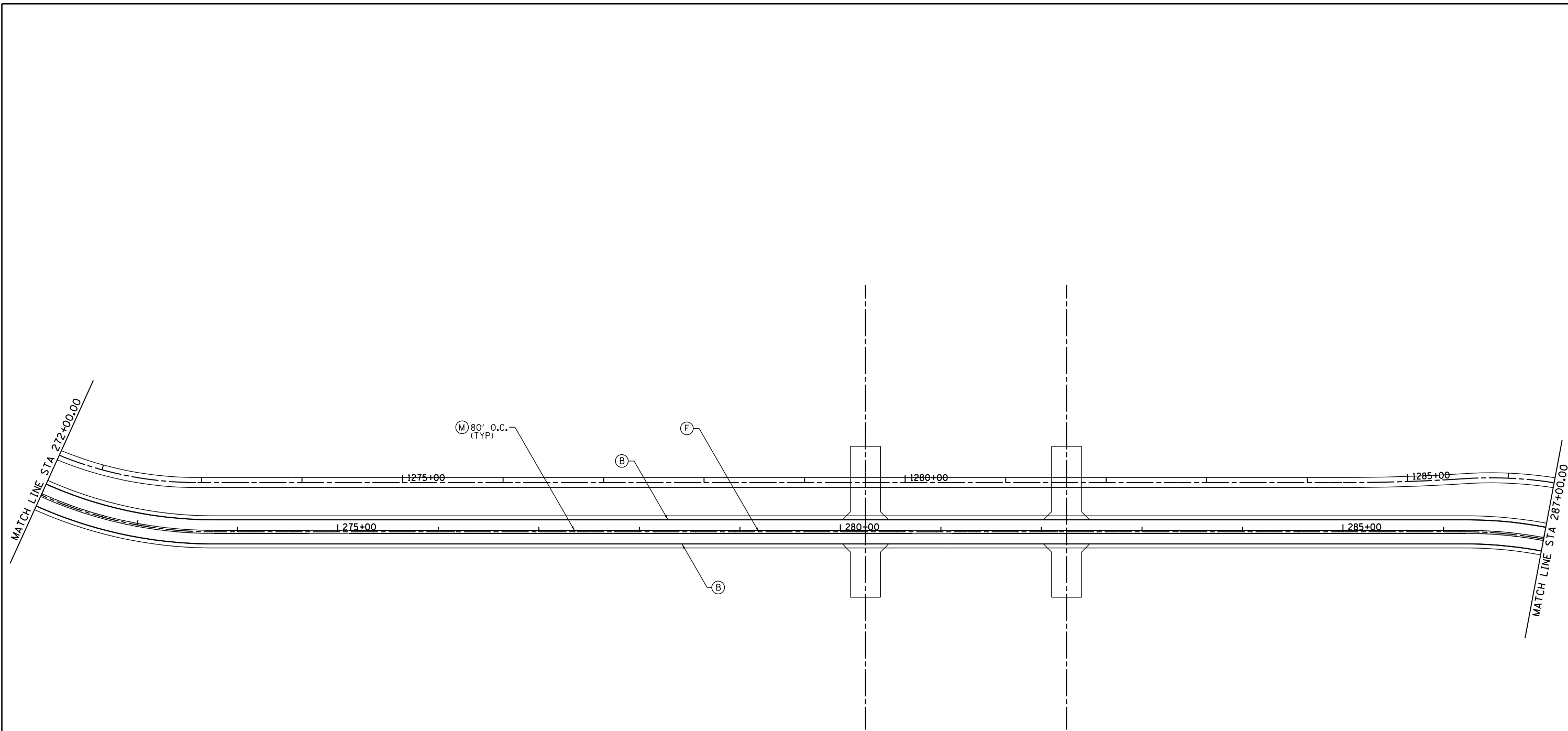


PAVEMENT MARKING AND SIGNING PLAN
RELOCATED VANDEBROOK DR.

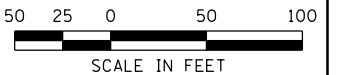
SCALE: 1"=50'

SHEET NO. 1 OF 7 SHEETS STA. 265+37.54 TO STA. 272+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	87
CONTRACT NO. 76F51			ILLINOIS FED. AID PROJECT	



- (A) PAVEMENT MARKING - LETTERS AND SYMBOLS
- (B) PAVEMENT MARKING - LINE 4" WHITE
- (C) PAVEMENT MARKING - LINE 4" YELLOW
- (D) PAVEMENT MARKING - LINE 4" WHITE 2' LINE - 6' GAP
- (E) PAVEMENT MARKING - LINE 4" WHITE 10' LINE - 30' GAP
- (F) PAVEMENT MARKING - LINE 4" DOUBLE YELLOW
- (G) PAVEMENT MARKING - LINE 8" SOLID WHITE
- (H) PAVEMENT MARKING - LINE 12" SOLID WHITE
- (I) PAVEMENT MARKING - LINE 12" SOLID YELLOW
- (J) PAVEMENT MARKING - LINE 24" SOLID WHITE
- (K) RAISED REFLECTIVE PAVEMENT MARKER - ONE WAY CRYSTAL
- (L) RAISED REFLECTIVE PAVEMENT MARKER - ONE WAY AMBER
- (M) RAISED REFLECTIVE PAVEMENT MARKER - TWO WAY AMBER



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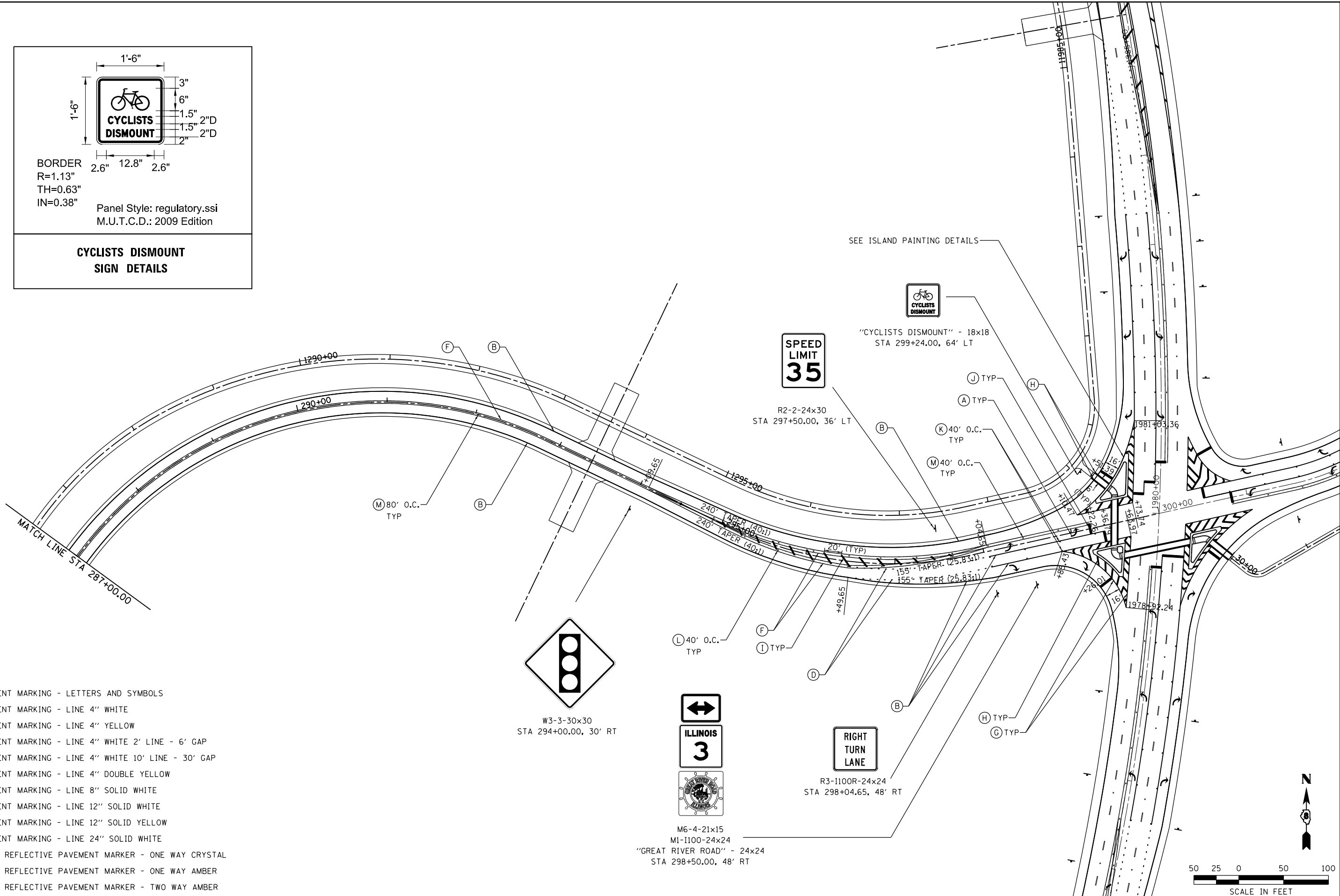
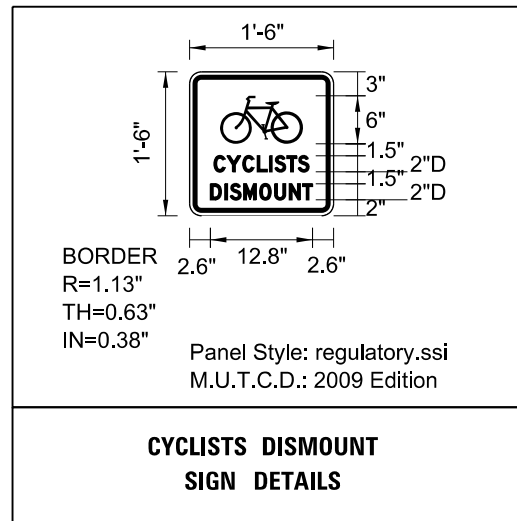
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



PAVEMENT MARKING AND SIGNING PLAN
 RELOCATED VANDEBROOK DR.

SCALE: 1"=50' SHEET NO. 2 OF 7 SHEETS STA. 272+00.00 TO STA. 287+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	88
				CONTRACT NO. 76F51
ILLINOIS FED. AID PROJECT				



- (A) PAVEMENT MARKING - LETTERS AND SYMBOLS
- (B) PAVEMENT MARKING - LINE 4" WHITE
- (C) PAVEMENT MARKING - LINE 4" YELLOW
- (D) PAVEMENT MARKING - LINE 4" WHITE 2' LINE - 6' GAP
- (E) PAVEMENT MARKING - LINE 4" WHITE 10' LINE - 30' GAP
- (F) PAVEMENT MARKING - LINE 4" DOUBLE YELLOW
- (G) PAVEMENT MARKING - LINE 8" SOLID WHITE
- (H) PAVEMENT MARKING - LINE 12" SOLID WHITE
- (I) PAVEMENT MARKING - LINE 12" SOLID YELLOW
- (J) PAVEMENT MARKING - LINE 24" SOLID WHITE
- (K) RAISED REFLECTIVE PAVEMENT MARKER - ONE WAY CRYSTAL
- (L) RAISED REFLECTIVE PAVEMENT MARKER - ONE WAY AMBER
- (M) RAISED REFLECTIVE PAVEMENT MARKER - TWO WAY AMBER

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

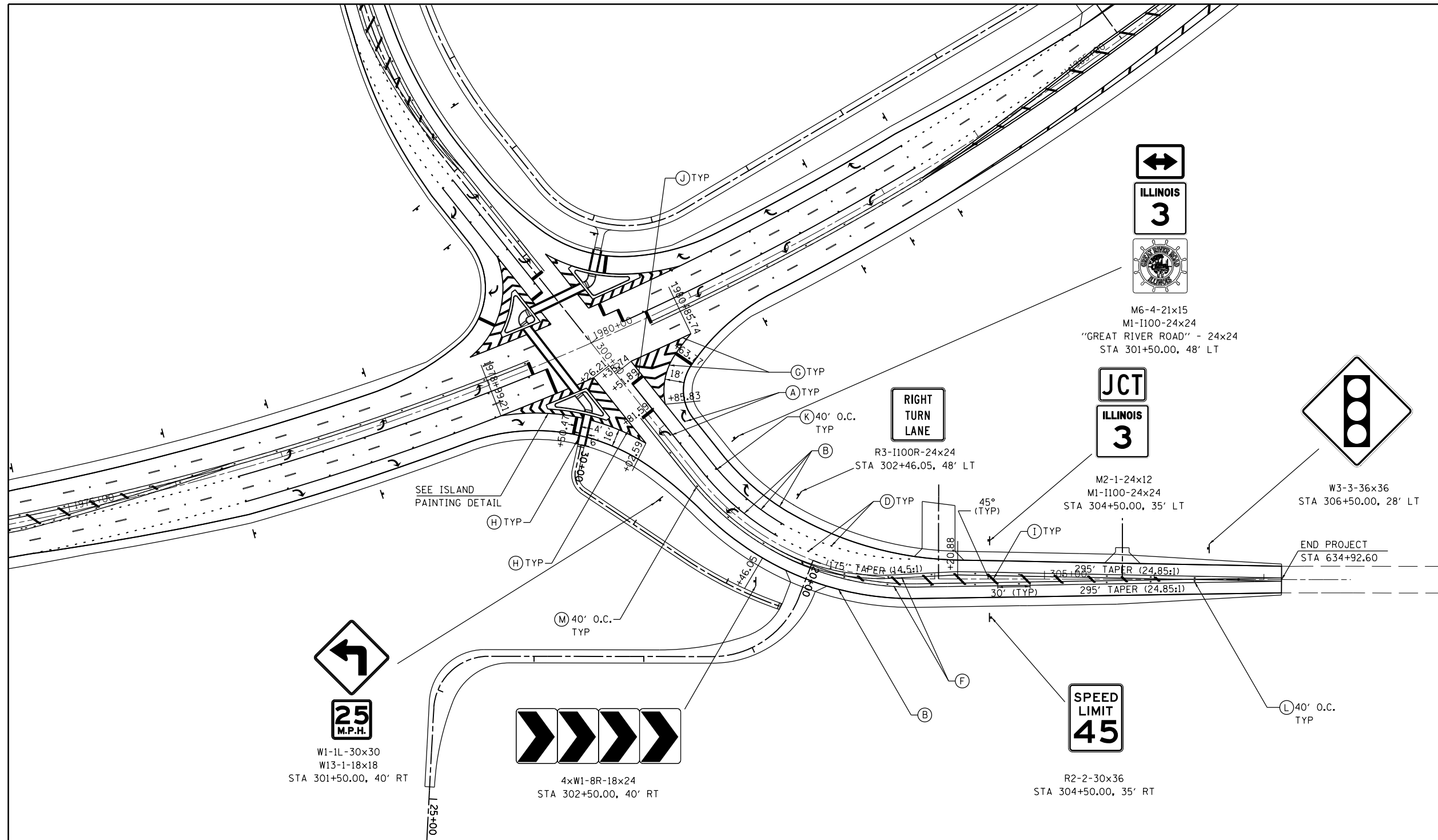


SCALE: 1" = 50'


PAVEMENT MARKING AND SIGNING PLAN
 RELOCATED VANDEBROOK DR.

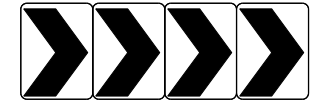
SHEET NO. 3 OF 7 SHEETS STA. 287+00.00 TO STA. 300+00.00


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	89
				CONTRACT NO. 76F51
ILLINOIS FED. AID PROJECT				

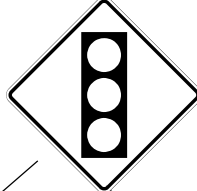


- (A) PAVEMENT MARKING - LETTERS AND SYMBOLS
- (B) PAVEMENT MARKING - LINE 4" WHITE
- (C) PAVEMENT MARKING - LINE 4" YELLOW
- (D) PAVEMENT MARKING - LINE 4" WHITE 2' LINE - 6' GAP
- (E) PAVEMENT MARKING - LINE 4" WHITE 10' LINE - 30' GAP
- (F) PAVEMENT MARKING - LINE 4" DOUBLE YELLOW
- (G) PAVEMENT MARKING - LINE 8" SOLID WHITE
- (H) PAVEMENT MARKING - LINE 12" SOLID WHITE
- (I) PAVEMENT MARKING - LINE 12" SOLID YELLOW
- (J) PAVEMENT MARKING - LINE 24" SOLID WHITE
- (K) RAISED REFLECTIVE PAVEMENT MARKER - ONE WAY CRYSTAL
- (L) RAISED REFLECTIVE PAVEMENT MARKER - ONE WAY AMBER
- (M) RAISED REFLECTIVE PAVEMENT MARKER - TWO WAY AMBER


 W1-1L-30x30
 W13-1-18x18
 STA 301+50.00, 40' RT


 4xW1-8R-18x24
 STA 302+50.00, 40' RT


 R2-2-30x36
 STA 304+50.00, 35' RT


 W3-3-36x36
 STA 306+50.00, 28' LT

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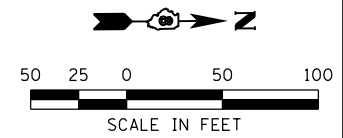
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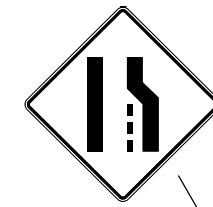
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORNER & SHIFRIN, INC.
ENGINEERS
 SCALE: 1" = 50'

PAVEMENT MARKING AND SIGNING PLAN
 SOUTH MARKET ST.
 SHEET NO. 4 OF 7 SHEETS STA. 300+00.00 TO STA. 634+92.60

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	90
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				





W4-2-36x36
STA 1974+56.00, 50' LT

Red Bud 12
Chester 37

D2-2-60x30
STA 1974+00.00, 48' LT



R2-1-30x36
STA 1966+50.00, 30' LT

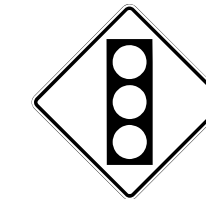


W3-5-36x36
STA 1961+00.00, 30' RT



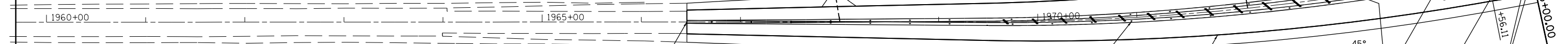
BEGIN PROJECT
STA 1966+46.00

R2-1-30x36
STA 1966+50.00, 31' RT

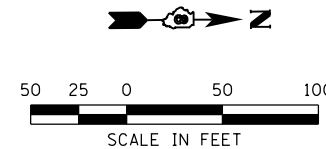


← Vandebrook Dr
S Market St →

W3-3-36x36
W16-8a-54x15
STA 1972+00.00, 45' RT



- (A) PAVEMENT MARKING - LETTERS AND SYMBOLS
- (B) PAVEMENT MARKING - LINE 4" WHITE
- (C) PAVEMENT MARKING - LINE 4" YELLOW
- (D) PAVEMENT MARKING - LINE 4" WHITE 2' LINE - 6' GAP
- (E) PAVEMENT MARKING - LINE 4" WHITE 10' LINE - 30' GAP
- (F) PAVEMENT MARKING - LINE 4" DOUBLE YELLOW
- (G) PAVEMENT MARKING - LINE 8" SOLID WHITE
- (H) PAVEMENT MARKING - LINE 12" SOLID WHITE
- (I) PAVEMENT MARKING - LINE 12" SOLID YELLOW
- (J) PAVEMENT MARKING - LINE 24" SOLID WHITE
- (K) RAISED REFLECTIVE PAVEMENT MARKER - ONE WAY CRYSTAL
- (L) RAISED REFLECTIVE PAVEMENT MARKER - ONE WAY AMBER
- (M) RAISED REFLECTIVE PAVEMENT MARKER - TWO WAY AMBER



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

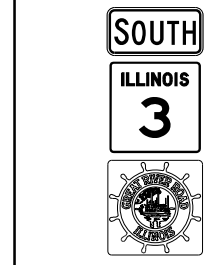


PAVEMENT MARKING AND SIGNING PLAN
IL ROUTE 3

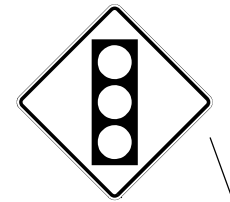
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	91
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				

SCALE: 1" = 50' SHEET NO. 5 OF 7 SHEETS STA. 1966+46.00 TO STA. 1975+00.00

- (A) PAVEMENT MARKING - LETTERS AND SYMBOLS
- (B) PAVEMENT MARKING - LINE 4" WHITE
- (C) PAVEMENT MARKING - LINE 4" YELLOW
- (D) PAVEMENT MARKING - LINE 4" WHITE 2' LINE - 6' GAP
- (E) PAVEMENT MARKING - LINE 4" WHITE 10' LINE - 30' GAP
- (F) PAVEMENT MARKING - LINE 4" DOUBLE YELLOW
- (G) PAVEMENT MARKING - LINE 8" SOLID WHITE
- (H) PAVEMENT MARKING - LINE 12" SOLID WHITE
- (I) PAVEMENT MARKING - LINE 12" SOLID YELLOW
- (J) PAVEMENT MARKING - LINE 24" SOLID WHITE
- (K) RAISED REFLECTIVE PAVEMENT MARKER - ONE WAY CRYSTAL
- (L) RAISED REFLECTIVE PAVEMENT MARKER - ONE WAY AMBER
- (M) RAISED REFLECTIVE PAVEMENT MARKER - TWO WAY AMBER



SPEED LIMIT 45



**← S Market St
Vandebrook Dr →**

W3-3-36x36
W16-8a-54x15
STA 1986+00.00, 50' LT



HISTORIC DISTRICT

I1-I106-24x24
STA 1982+50.00, 60' LT
(EXISTING SIGN TO BE RELOCATED)



RIGHT TURN LANE

R-I100R-24x24
STA 1983+36.51, 60' LT



RIGHT LANE ENDS

W9-1-36x36
STA 1977+95.00, 50' LT



RIGHT TURN LANE

R-I100R-24x24
STA 1976+56.11, 60' RT



HISTORIC DISTRICT

I1-I106-24x24
STA 1977+75.00, 60' RT
(EXISTING SIGN TO BE RELOCATED)



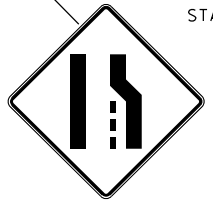
RIGHT LANE ENDS

W9-1-36x36
STA 1981+50.00, 50' RT



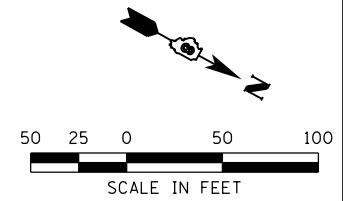
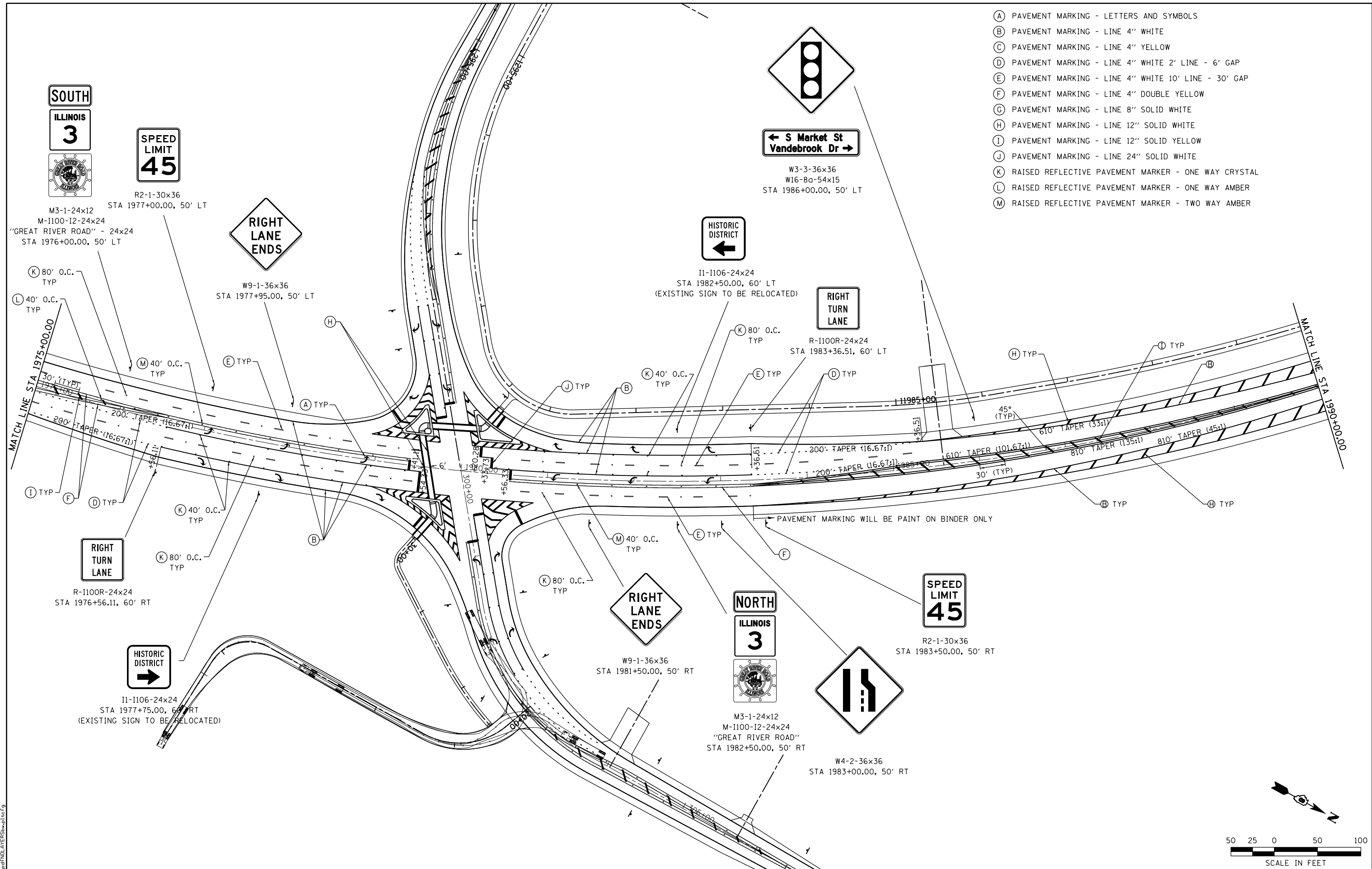
SPEED LIMIT 45

R2-1-30x36
STA 1983+50.00, 50' RT



M3-1-24x12
M-I100-I2-24x24
"GREAT RIVER ROAD"
STA 1982+50.00, 50' RT

W4-2-36x36
STA 1983+00.00, 50' RT



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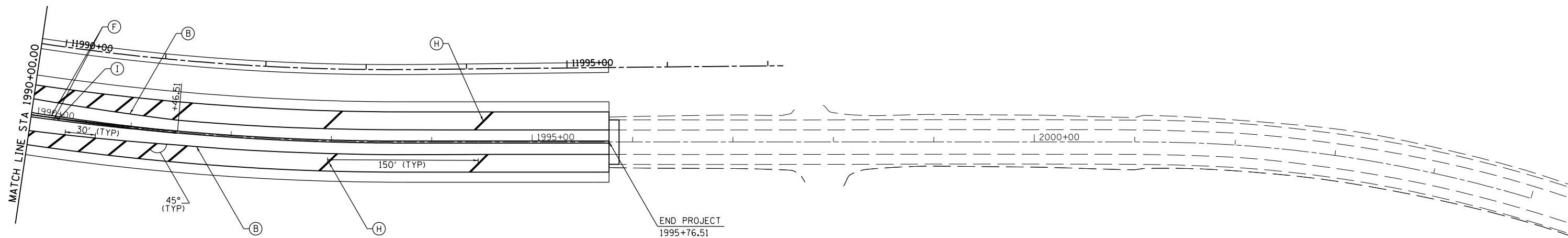
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



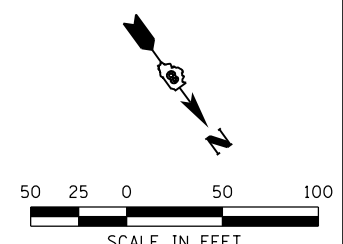
PAVEMENT MARKING AND SIGNING PLAN
IL ROUTE 3

SCALE: 1" = 50' SHEET NO. 6 OF 7 SHEETS STA. 1975+00.00 TO STA. 1990+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	92
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				



- (A) PAVEMENT MARKING - LETTERS AND SYMBOLS
- (B) PAVEMENT MARKING - LINE 4" WHITE
- (C) PAVEMENT MARKING - LINE 4" YELLOW
- (D) PAVEMENT MARKING - LINE 4" WHITE 2' LINE - 6' GAP
- (E) PAVEMENT MARKING - LINE 4" WHITE 10' LINE - 30' GAP
- (F) PAVEMENT MARKING - LINE 4" DOUBLE YELLOW
- (G) PAVEMENT MARKING - LINE 8" SOLID WHITE
- (H) PAVEMENT MARKING - LINE 12" SOLID WHITE
- (I) PAVEMENT MARKING - LINE 12" SOLID YELLOW
- (J) PAVEMENT MARKING - LINE 24" SOLID WHITE
- (K) RAISED REFLECTIVE PAVEMENT MARKER - ONE WAY CRYSTAL
- (L) RAISED REFLECTIVE PAVEMENT MARKER - ONE WAY AMBER
- (M) RAISED REFLECTIVE PAVEMENT MARKER - TWO WAY AMBER



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION





















PAVEMENT MARKING AND SIGNING PLAN
 IL ROUTE 3

SCALE: 1" = 50' SHEET NO. 7 OF 7 SHEETS STA. 1990+00.00 TO STA. 1995+76.51

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	93
CONTRACT NO. 76F51			ILLINOIS FED. AID PROJECT	

TRAFFIC SIGNALS LEGEND

RREC	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT
PVCC	POLYVINYL CHLORIDE CONDUIT
GSC	GALVANIZED STEEL CONDUIT
	EXISTING TRAFFIC SIGNAL HEAD
	EXISTING TRAFFIC SIGNAL HEAD WITH BACKPLATE
	EXISTING TRAFFIC SIGNAL MAST ARM
	EXISTING HANDHOLE
	EXISTING DOUBLE HANDHOLE
	EXISTING DETECTOR LOOP
	EXISTING CONTROLLER
	EXISTING STREET NAME SIGN/TRAFFIC SIGN
	EXISTING SERVICE INSTALLATION
	EXISTING CONDUIT
	PROPOSED SIGNAL POST
	PROPOSED TRAFFIC SIGNAL HEAD
	PROPOSED TRAFFIC SIGNAL HEAD WITH BACKPLATE
	PROPOSED TRAFFIC SIGNAL MAST ARM
	PROPOSED HANDHOLE
	PROPOSED DOUBLE HANDHOLE
	PROPOSED DETECTOR LOOP
	PROPOSED CONDUIT: "T" TRENCH, "P" PUSH, SIZE SPECIFIED

SCHEDULE OF QUANTITIES			TOTAL QUANTITIES	VANDEBROOK DRIVE AND ILLINOIS ROUTE 3
CODE NO	ITEM	UNIT		
81028230	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3 1/2" DIA.	FOOT	133	133
81028250	UNDERGROUND CONDUIT, GALVANIZED STEEL, 5" DIA.	FOOT	129	129
81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.	FOOT	1189	1189
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	129	129
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	153	153
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	48	48
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	90	90
81028400	UNDERGROUND CONDUIT, PVC, 5" DIA.	FOOT	60	60
81400100	HANDHOLE	EACH	11	11
81400300	DOUBLE HANDHOLE	EACH	1	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	980	980
87301235	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 4C	FOOT	1008	1008
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	5896	5896
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN NO. 14 1 PAIR	FOOT	5619	5619
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	45	45
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	800	800
87500900	TRAFFIC SIGNAL POST, 13 FT.	EACH	3	3
87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1	1
87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1	1
87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1	1
87700320	STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	1	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	9	9
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3	3
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	54	54
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	11	11
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	14	14
88102810	PEDESTRIAN SIGNAL HEAD, LED 1-FACE, POLYCARBONATE, BRACKET MOUNTED	EACH	4	4
88200400	TRAFFIC SIGNAL BACKPLATE, FORMED PLASTIC	EACH	14	14
88500100	INDUCTIVE LOOP DETECTOR	EACH	11	11
88600100	DETECTOR LOOP, TYPE I	FOOT	2883	2883
88800100	PEDESTRIAN PUSH-BUTTON	EACH	4	4
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	1
89501100	RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER	EACH	1	1
89502200	MODIFY EXISTING CONTROLLER	EACH	1	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3	3
89502380	REMOVE EXISTING HANDHOLE	EACH	9	9
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5	5

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



TRAFFIC SIGNAL DETAILS
 RELOCATED VANDEBROOK DR / S MARKET ST & IL ROUTE 3
 LEGEND AND SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 1 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	94
CONTRACT NO. 76F51			ILLINOIS FED. AID PROJECT	

ELECTRICAL GENERAL NOTES

- ALL VEHICLE AND PEDESTRIAN SIGNAL HEADS SHALL HAVE 12" L.E.D. SECTIONS. ALL MOUNTING HARDWARE, SIGNAL POSTS, AND BASES SHALL BE UNPAINTED ALUMINUM. ALL BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
- BACKPLATES SHALL BE ABS PLASTIC.
- THE LOCATION OF MAST ARM SUPPORTS SHALL BE APPROVED BY THE ENGINEER BEFORE FOUNDATIONS ARE CONSTRUCTED. MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 10 FEET FROM THE EDGE OF PAVEMENT OR 2 FEET FROM THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN CURBED SECTIONS, THE MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 5 FEET FROM THE FACE OF THE CURB. THESE DISTANCES ARE TO THE NEAR FACE OF THE MAST ARM POLE. ALL MAST ARMS AND POLES SHALL BE GALVANIZED.
- ACTUAL DEPTHS OF THE CONCRETE FOUNDATIONS FOR THE SIGNAL POLES AND MAST ARM SUPPORT POLES ARE AS FOLLOWS:

VANDEBROOK DRIVE AND ILLINOIS ROUTE 3

NORTHEAST CORNER MAST ARM: 15'-0" DEEP
 SOUTHEAST CORNER MAST ARM: 13'-0" DEEP
 SOUTHEAST CORNER POLE: 3'-0" DEEP
 SOUTHWEST CORNER MAST ARM: 15'-0" DEEP
 SOUTHWEST CORNER POLE: 3'-0" DEEP
 NORTHWEST CORNER MAST ARM: 11'-0" DEEP
 NORTHWEST CORNER POLE: 3'-0" DEEP

THESE DEPTHS ARE DETERMINED FROM THE SOIL BORING DATA.

- ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED.
- THE LOCATION OF ALL DETECTOR LOOPS SHALL BE APPROVED BY THE ENGINEER BEFORE ANY SLOTS ARE SAWED IN THE PAVEMENT.
- DETECTOR LOOP LEAD-IN SPLICES SHALL BE MADE IN A HANDHOLE PER ARTICLE 873.03 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STANDARD DRAWING 886001. CONDUCTORS SHALL BE SPLICED IN A RIGID MOLD. ROSIN-CORE SOLDER SHALL BE USED.
- CALL DELAY SHALL NOT FUNCTION WHEN THE RELATED PHASES ARE IN THE GREEN MODE.
- ALL HANDHOLES SHALL BE CAST-IN-PLACE PORTLAND CEMENT CONCRETE (PER ARTICLE 814.03(B)). THE CAST IN PLACE LEGEND IN THE COVER SHALL BE "TRAFFIC SIGNALS". SLOPE HANDHOLE COVERS TO MATCH PROPOSED GRADE ELEVATIONS.
- ALL UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY ATTEMPT TO CONSTRUCT ANY COMPONENT OF THE VARIOUS TRAFFIC SIGNAL INSTALLATION. AGENCIES KNOWN TO HAVE UNDERGROUND FACILITIES WITHIN THE LIMITS OF THIS IMPROVEMENT ARE THE FOLLOWING: MEMBER OF J.U.L.I.E. PHONE (800) 892-0123 ARE INDICATED BY • (CALL ONE WEEK BEFORE YOU PLAN TO DIG).
 - CITY OF WATERLOO
 - MONROE COUNTY ELECTRIC CO-OP
 - HTC
 - CHARTER
- ALL INDUCTIVE LOOP DETECTORS SUPPLIED FOR THIS PROJECT SHALL HAVE THE CAPACITY OF OPERATING WITH BOTH DELAY AND EXTENSION MODES ACTIVE, IF A TIME SETTING IS PROGRAMMED. THEY SHALL BE RACK MOUNTED.
- A 1/4" NYLON PULL ROPE SHALL BE FURNISHED AND INSTALLED IN ALL SIGNAL CONDUITS, THIS WORK SHALL BE INCLUDED WITH THE CONDUIT PAY ITEM.
- SEE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND CONSTRUCTION STAGING REQUIREMENTS.

STANDARDS

- 720001-01
- 720016-03
- 805001-01
- 814001-02
- 814006-02
- 857001-01
- 873001-02
- 877001-05
- 878001-09
- 880006-01
- 886001-01
- 886006-01

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR VANDEBROOK DRIVE AND ILLINOIS ROUTE 3

LOOP	PHASE (Ø)	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (µH)	CALCULATED RESISTANCE OHMS (Ω)
1. SB LT CD	1	6'X50' (Ø)	3-6-3	842.3	2.87
2. SB THRU CD A	6	6'X50' (Ø)	3-6-3	839.0	2.80
3. SB THRU CD B	6	6'X50' (Ø)	3-6-3	829.1	2.57
4. SB RT CD	6	6'X50' (Ø)	3-6-3	829.3	2.58
5. SB CCO A	6	6'X6'	7	495.4	3.36
6. SB CCO B	6	6'X6'	7	492.8	3.30
7. NB LT CD	5	6'X50' (Ø)	3-6-3	838.4	2.78
8. NB THRU CD A	2	6'X50' (Ø)	3-6-3	833.3	2.67
9. NB THRU CD B	2	6'X50' (Ø)	3-6-3	830.4	2.60
10. NB RT CD	2	6'X50' (Ø)	3-6-3	839.5	2.81
11. NB CCO A	2	6'X6'	7	498.0	3.42
12. NB CCO B	2	6'X6'	7	495.4	3.36
13. EB LT CD	7	6'X50' (Ø)	3-6-3	855.1	3.16
14. EB THRU CD	4	6'X50' (Ø)	3-6-3	848.9	3.02
15. EB RT CD	4	6'X50' (Ø)	3-6-3	861.9	3.32
16. EB THRU CCO	4	6'X6'	7	498.9	3.44
17. WB LT CD	3	6'X50' (Ø)	3-6-3	811.3	2.17
18. WB THRU CD	8	6'X50' (Ø)	3-6-3	808.7	2.11
19. WB RT CD	8	6'X50' (Ø)	3-6-3	806.5	2.06
20. WB THRU CCO	8	6'X6'	7	419.7	1.64

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



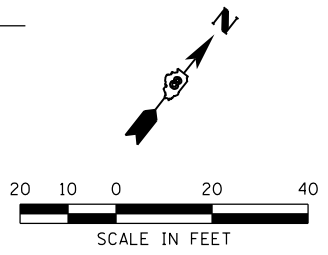
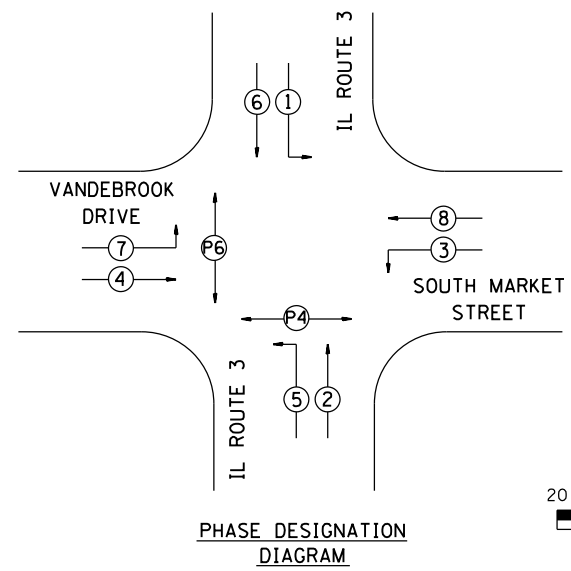
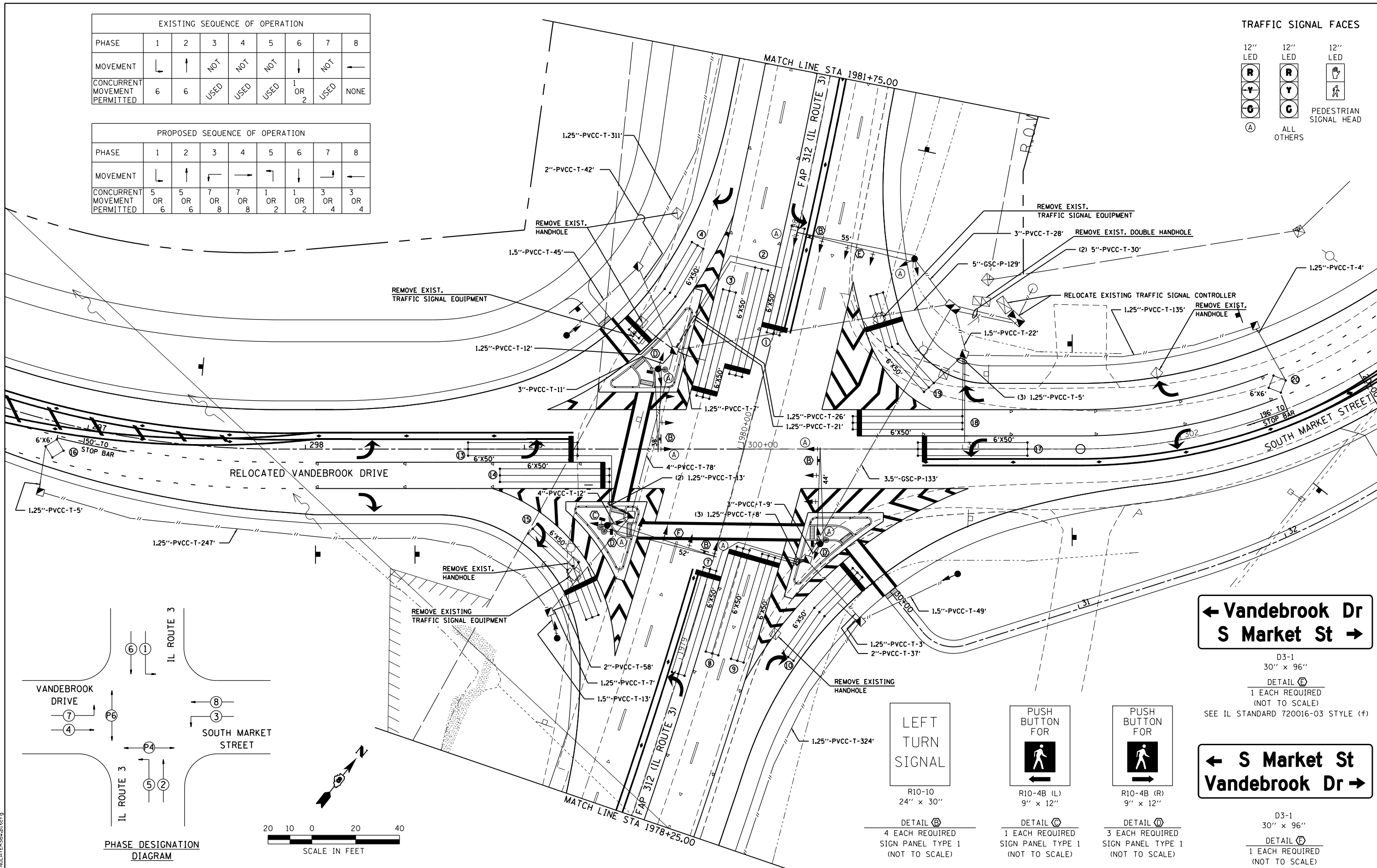
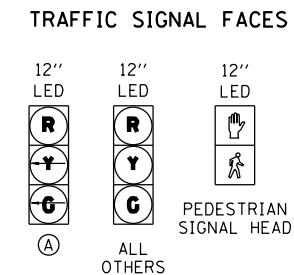
TRAFFIC SIGNAL DETAILS
 RELOCATED VANDEBROOK DR / S MARKET ST & IL ROUTE 3
 ELECTRICAL NOTES

SCALE: NONE SHEET NO. 2 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	95
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				

EXISTING SEQUENCE OF OPERATION								
PHASE	1	2	3	4	5	6	7	8
MOVEMENT	↓	↑	NOT	NOT	NOT	↓	NOT	←
CONCURRENT MOVEMENT PERMITTED	6	6	USED	USED	USED	1 OR 2	USED	NONE

PROPOSED SEQUENCE OF OPERATION								
PHASE	1	2	3	4	5	6	7	8
MOVEMENT	↓	↑	←	→	↖	↘	↗	←
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	7 OR 8	7 OR 8	1 OR 2	1 OR 2	3 OR 4	3 OR 4



**← Vandebrook Dr
S Market St →**

D3-1
30" x 96"
DETAIL (E)
1 EACH REQUIRED
(NOT TO SCALE)
SEE IL STANDARD 720016-03 STYLE (f)

**← S Market St
Vandebrook Dr →**

D3-1
30" x 96"
DETAIL (F)
1 EACH REQUIRED
(NOT TO SCALE)
SEE IL STANDARD 720016-03 STYLE (f)

LEFT
TURN
SIGNAL

R10-10
24" x 30"
DETAIL (B)
4 EACH REQUIRED
SIGN PANEL TYPE 1
(NOT TO SCALE)

PUSH
BUTTON
FOR

R10-4B (L)
9" x 12"
DETAIL (C)
1 EACH REQUIRED
SIGN PANEL TYPE 1
(NOT TO SCALE)

PUSH
BUTTON
FOR

R10-4B (R)
9" x 12"
DETAIL (D)
3 EACH REQUIRED
SIGN PANEL TYPE 1
(NOT TO SCALE)

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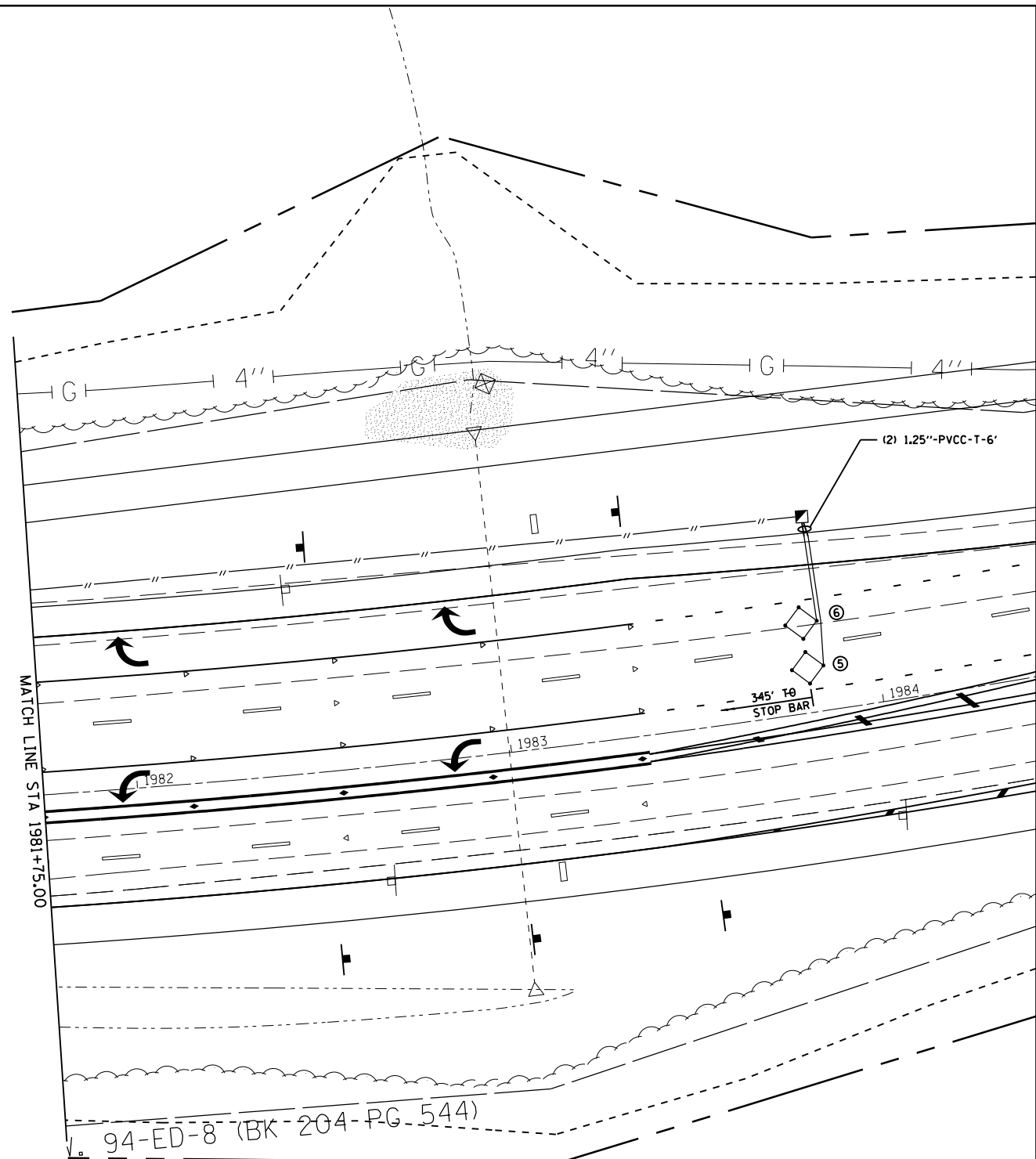
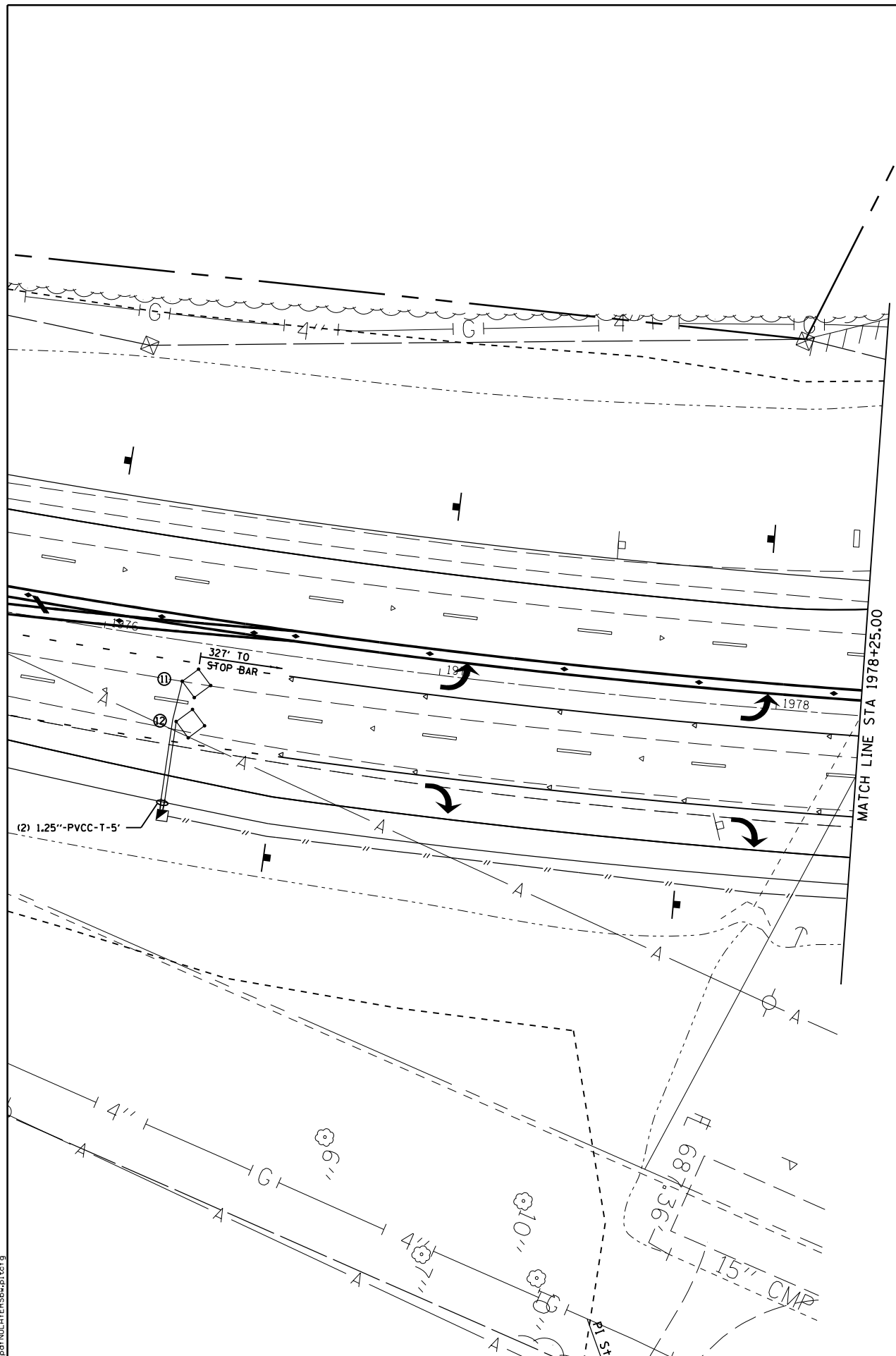
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HORNER &
SHIRIN, INC.
ENGINEERS**

TRAFFIC SIGNAL DETAILS
RELOCATED VANDEBROOK DR / S MARKET ST & IL ROUTE 3

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	96
CONTRACT NO. 76F51			ILLINOIS FED. AID PROJECT	

SCALE: 1" = 20' SHEET NO. 3 OF 6 SHEETS STA. TO STA.



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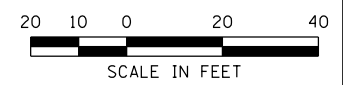
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STATE OF ILLINOIS
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HORNER & SHIRIN, INC.
ENGINEERS

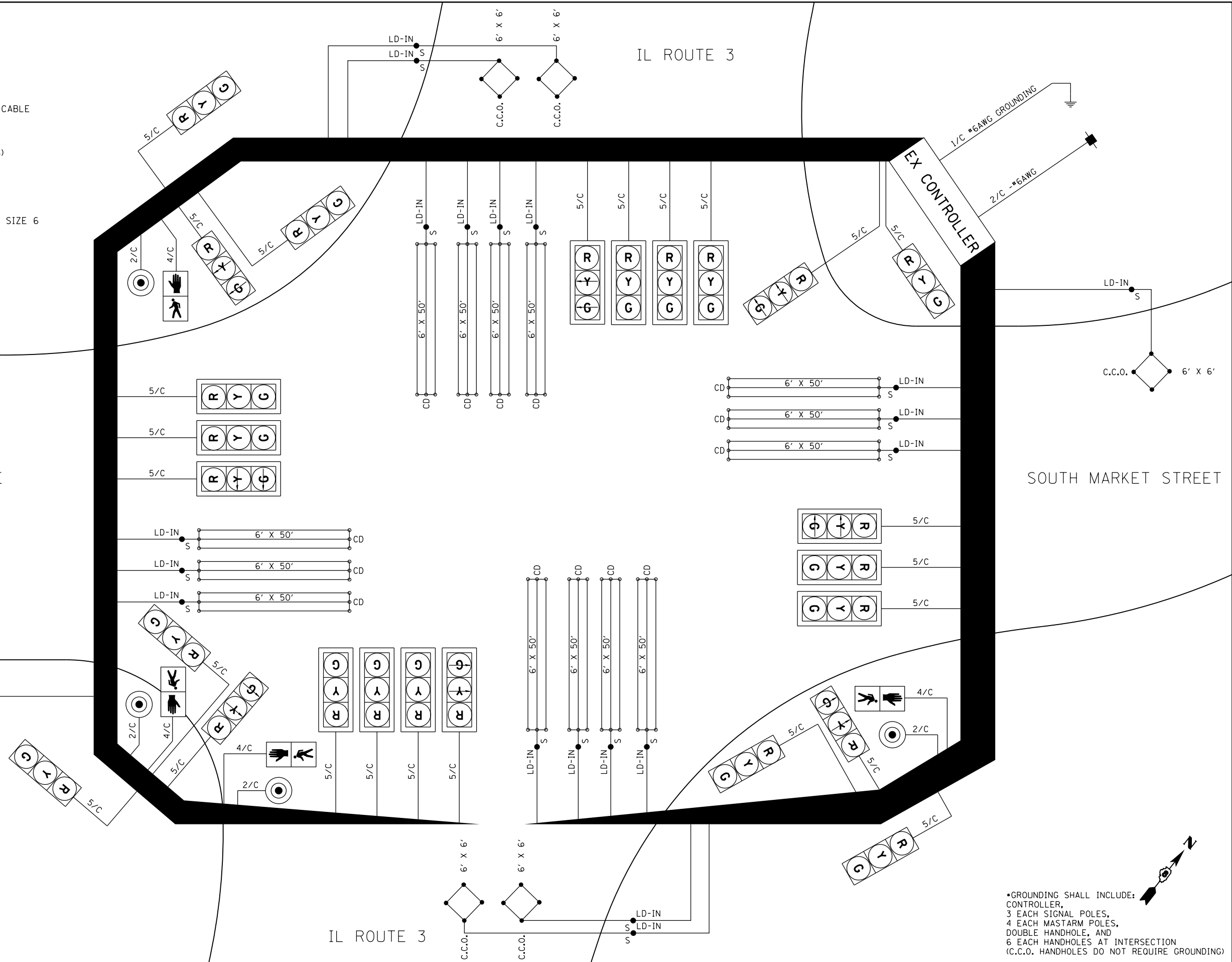
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 RELOCATED VANDEBROOK DR / S MARKET ST & IL ROUTE 3
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	97
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				



CABLE DIAGRAM LEGEND

- ELECTRIC CABLE IN CONDUIT
- EXISTING ELECTRIC CABLE IN CONDUIT
- S CABLE SPLICE (SEE GENERAL NOTES)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- CD CALL DELAY (SEE GENERAL NOTES)
- CCO CALL CARRY OVER (SEE GENERAL NOTES)
- EXISTING SERVICE INSTALLATION
- EXISTING ILLUMINATED SIGN
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)



•GROUNDING SHALL INCLUDE:
 CONTROLLER,
 3 EACH SIGNAL POLES,
 4 EACH MASTARM POLES,
 DOUBLE HANDHOLE, AND
 6 EACH HANDHOLES AT INTERSECTION
 (C.C.O. HANDHOLES DO NOT REQUIRE GROUNDING)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

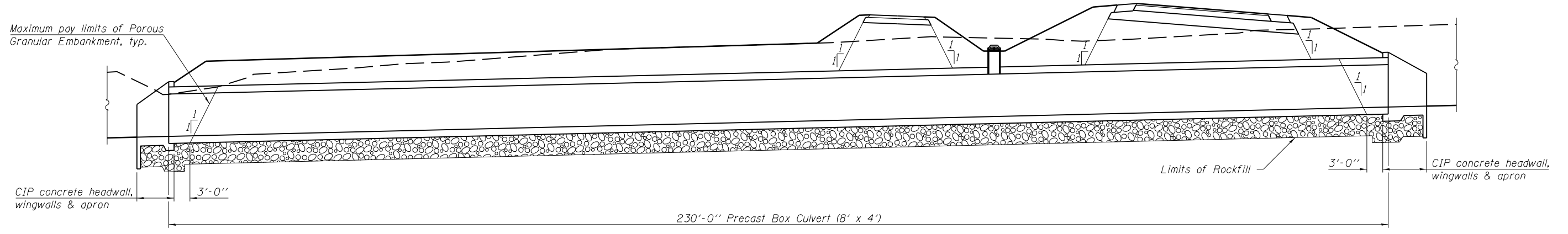
HORNER & SHIRIN, INC.
ENGINEERS

TRAFFIC SIGNAL DETAILS
 RELOCATED VANDEBROOK DR / S MARKET ST & IL ROUTE 3

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	98
CONTRACT NO. 76F51				

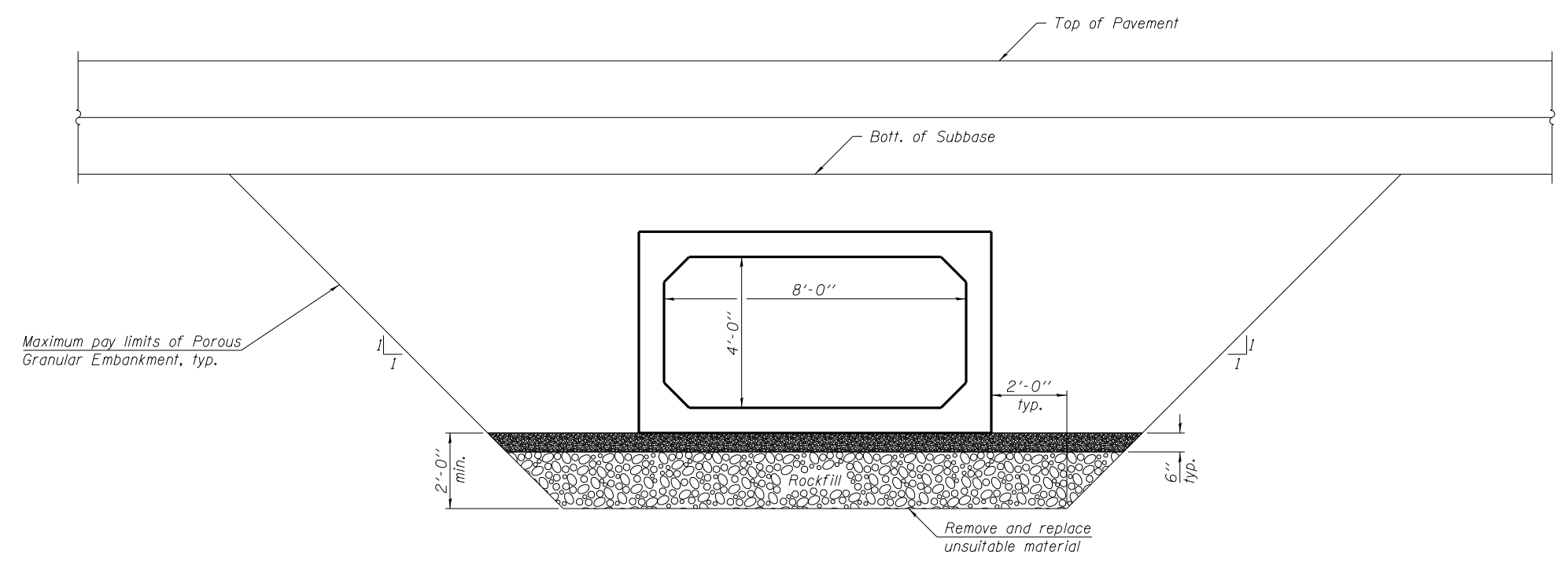
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ILLINOIS FED. AID PROJECT



LONGITUDINAL SECTION

Note:
For additional roadway details not shown, see Sheet 128 of 192.



TYPICAL SECTION

Note:
The Rockfill shall be capped with 6" of CA7 and satisfy the Standard Specifications unless otherwise indicated in the Special Provisions. The cost of the capping material shall be included in the pay item for "Rockfill".

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SSUBDATES	PLOT DATE = 10/4/2012 3:12:02 PM	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
				SCALE:		SHEET NO. 1 OF 3 SHEETS		STA. 288+40.76 TO STA. 288+82.45			