

ROUTE NO.	SECTION	COUNTY	LOTS	SHEET
C.H. 12	00-00075-00-PV	MACOUPIN	37	1
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

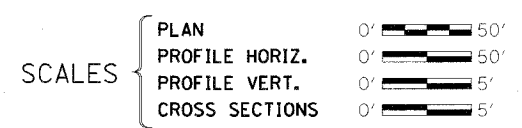
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PLANS FOR PROPOSED SURFACE TRANSPORTATION PROGRAM – RURAL

INDEX OF SHEETS

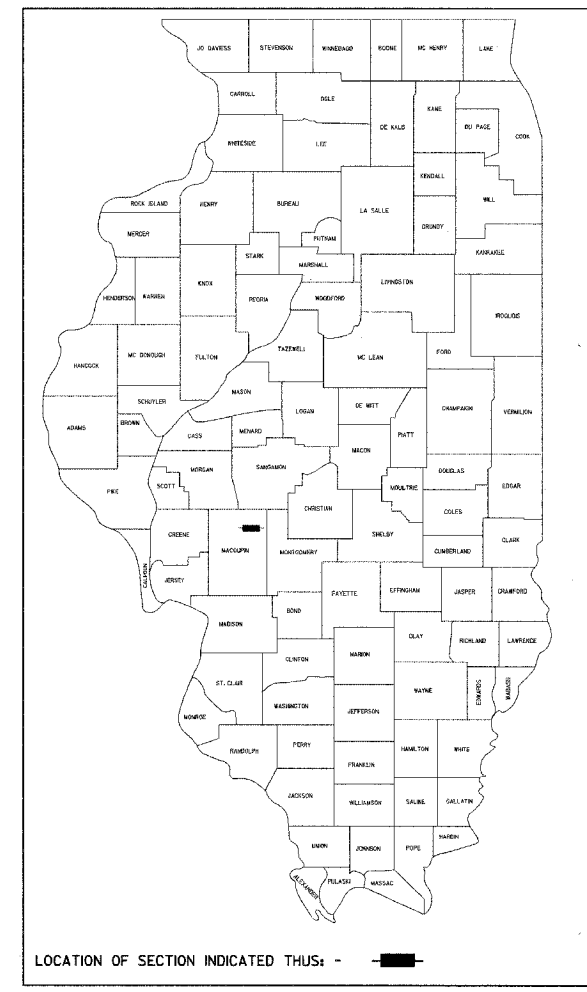
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- 35.-36. EROSION CONTROL PLAN
- 37. ROAD CLOSURE & TRAFFIC CONTROL

STANDARDS

- 000001-04 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 542401 METAL END SECTION FOR PIPE CULVERTS
- 601001 SUB-SURFACE DRAINS
- 601101 CONCRETE HEADWALL FOR PIPE DRAIN
- 280001-02 TEMPORARY EROSION CONTROL SYSTEMS
- 630001-05 STEELPLATE BEAM GUARDRAIL
- 630301-03 SHOULDER WIDENING FOR TYPE 1, (SPECIAL) GUARDRAIL TERMINALS
- 635006-02 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-01 REFLECTOR MARKER AND MOUNTING DETAILS
- 701006-02 OFF ROAD OPERATIONS, 2L, 2W, 4.5m (15') to 600mm (24") FROM EDGE OF PAVEMENT
- 701011-01 OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY FOR SPEEDS ≥ 45 MPH
- 701306-01 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
- 701311-02 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 702001-05 TRAFFIC CONTROL DEVICES
- 780001-01 TYPICAL PAVEMENT MARKINGS
- 781001-02 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- B.L.R. 21-6 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

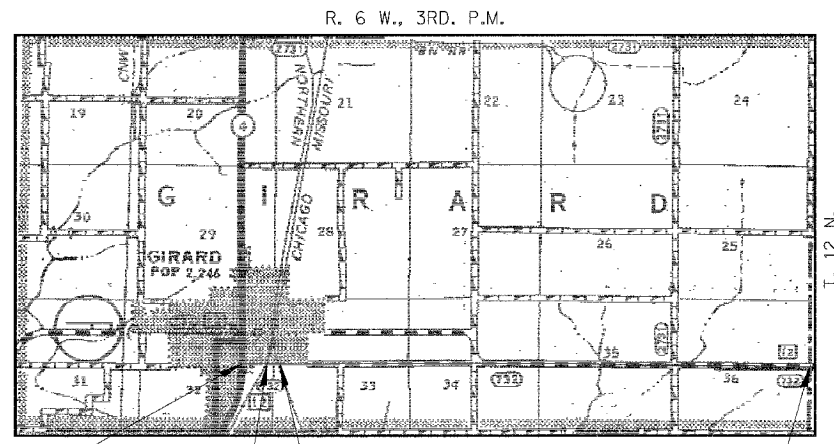


SECTION 00-00075-00-PV FAS 732 C.H. 12 (FARMERSVILLE ROAD) MACOUPIN COUNTY PROJECT SR-732 (145) C-96-234-04



UTILITIES

- AT&T
620 SOUTH FIFTH STREET
SPRINGFIELD, IL 62701
- AMEREN CIPS
222 N. CHURCH
VIRDEN, IL 62690
- CHARTER COMMUNICATIONS
11 CLEARING
TAYLORVILLE, IL 62568
- CITY OF GIRARD PUBLIC WORKS
GIRARD, IL 62640
- VERIZON NORTH, INC.
1312 EAST EMPIRE
PO BOX 2955
BLOOMINGTON, IL 61701
- MCI
2250 LAKESIDE BOULEVARD
RICHARDSON, TX 75082
- RURAL ELECTRIC CONVENIENCE CO-OP
EAST ROUT 104
PO BOX 19
AUBURN, IL 62615
- SPRINT
5600 NORTH RIVER ROAD, SUITE 500
ROSEMONT, IL 60018



IMPROVEMENT BEGINS STATION 10+1.00

IMPROVEMENT ENDS STATION 236+09.04

U.P. RAILROAD WEST TRACK OMISSION
STA. 17+19.30 TO STA. 17+29.73
U.P. RAILROAD EAST TRACK OMISSION
STA. 17+33.80 TO STA. 17+44.20

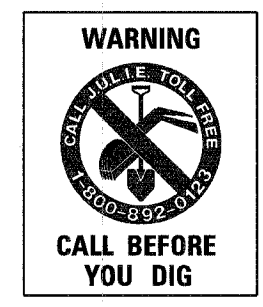
B.N. RAILROAD TRACK OMISSION
STA. 24+19.76 TO STA. 24+29.99

LAYOUT

APPROXIMATE SCALE: 0 1 MILE

GROSS LENGTH OF SECTION = 22,598.04 FEET = 4.280 MILES
NET LENGTH OF SECTION = 22,566.98 FEET = 4.274 MILES

5/4" BITUMINOUS OVERLAY ON A 7 1/2" PROCESSED SOIL CEMENT BASE COURSE WITH AGGREGATE SHOULDERS, UNDERDRAIN INSTALLATION, VERTICAL ADJUSTMENT OF GUARDRAIL, TRAFFIC BARRIER TERMINAL AND MISCELLANEOUS BITUMINOUS RESURFACING.



APPROVED 3-14 20 05
Thomas A Reinhart
COUNTY ENGINEER

PASSED APRIL 6 20 05
Jimmy Fent
DISTRICT ENGINEER OF LOCAL ROADS & STREETS

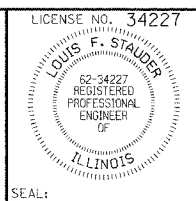
APPROVED APRIL 6 20 05
U.R. Jones 4/6/05
DISTRICT CONSTRUCTION ENGINEER

APPROVED APRIL 6 20 05
Christine M Reed
REGIONAL ENGINEER
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DATE: 3-14-2005

BY: *Louis F. Stauder*

LICENSE EXPIRES: NOVEMBER 30, 2005



HLR
Rice, Berry and Associates
A Division of Hampton, Lenzini and Renwick, Inc.
Civil & Structural Engineers
801 S. Durkin Drive
Springfield, Illinois 62704
217-546-3400
P.O. Box 1036
DuQuoin, Illinois 62832
618-790-4637

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
C.H. 12	00-00075 -00-PV	MACOUPIN	37	2
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	

SUMMARY OF QUANTITIES

CODE NO	ITEM	CONSTRUCTION CODE 1000	
		UNIT	QUANTITY
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	50
21400100	GRADING AND SHAPING DITCHES	FOOT	2274
* 25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	1.6
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	327
28000300	TEMPORARY DITCH CHECKS	EACH	14
28000400	PERIMETER EROSION BARRIER	FOOT	2274
28000500	INLET AND PIPE PROTECTION	EACH	2
35200500	CEMENT	100 WT	30784
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	1700
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	77
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	1040
40600990	TEMPORARY RAMP	SQ YD	340
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	5563
48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	26596
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	86
60107600	PIPE UNDERDRAINS 4"	FOOT	38944
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	1530
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	12
* 63200305	STEEL PLATE BEAM GUARD RAIL REMOVAL	FOOT	300
* 63300900	VERTICAL ADJUSTMENT OF GUARD RAIL	FOOT	575
* 63304335	TERMINAL SECTION REMOVAL AND SALVAGE	EACH	12
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4
* 70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	3996
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	245
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	49270
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	94
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	255
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	17938
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	245
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	49270
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	94
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	255
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	270
* 78200400	GUARDRAIL REFLECTORS	EACH	17
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	12
* Z0000990	AGGREGATE FOR TEMPORARY ACCESS	TON	50
* XX006211	PROCESSING SOIL-CEMENT BASE COURSE 7.5"	SQ YD	60219
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1
* X4066414	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	TON	6130
* X4066614	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50	TON	9974
* X4080020	INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE, N50	TON	239
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1

GENERAL NOTES

ALL WORK SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED 1-1-02 (HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS); THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS," ADOPTED 3-1-05; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST STANDARD OF THE DEPARTMENT.

THE LOCATION OF GAS MAINS, ELECTRIC POWER LINES, TELEPHONE LINES AND THE OTHER UTILITIES AS SHOWN ON THE PLANS, ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THE LOCATIONS ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THE EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INVESTIGATION.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT-OF-WAY AS DIRECTED BY THE ENGINEER. ESTIMATED QUANTITY = 1.6 ACRE

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES.

BITUMINOUS CONCRETE	112 LB/IN./SQ. YD.
AGGREGATE BASE COURSE, TYPE B	2.05 TON/CU. YD.
AGGREGATE SHOULDERS, TYPE B	2.0 TON/CU. YD.
BITUMINOUS MATERIAL (PRIME COAT)	0.1 GAL/SQ. YD. ON PAVEMENT
BITUMINOUS MATERIAL (PRIME COAT)	0.4 GAL/SQ. YD. ON EARTH OR AGGREGATE
AGGREGATE (PRIME COAT)	4 LB/SQ. YD.
CEMENT	5.68 LB/SQ. FT.


THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL PRIVATE, FIELD AND COMMERCIAL ENTRANCES AT ALL TIMES DURING CONSTRUCTION.

QUANTITIES MAY BE INCREASED / DECREASED OR DELETED BY THE ENGINEER.

ALL EARTHWORK ASSOCIATED WITH THE INSTALLATION OF TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT) INCLUDING SHOULDER WIDENING FOR TYPE 1 SPECIAL WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT).

THE FOLLOWING PAY ITEMS HAVE BEEN INCLUDED TO ESTABLISH UNIT RATES:

AGGREGATE SURFACE COURSE, TYPE "A" 1700 TONS
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL 50 CU. YD.
AGGREGATE FOR TEMPORARY ACCESS 50 TONS


	Rice, Berry and Associates A Division of Hampton, Lenzini and Renwick, Inc. Civil & Structural Engineers
	801 S. Durkin Drive Springfield, Illinois 62704 217-546-3400
Account Number 03-61-0002-1 Date: 03/10/05	P.O. BOX 1036 DuQuoin, Illinois 62832 618-790-4637
DESIGNED: L.F.S.	CHECKED: L.F.S.
DRAWN: TWK	

SUMMARY OF QUANTITIES
AND GENERAL NOTES
SECTION 00-00075-00-PV
C.H. 12 FARMERSVILLE ROAD
MACOUPIN COUNTY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
C.H. 12	00-00075-00-PV	MACOUPIN	37	3
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ROADWAY SCHEDULE											
LOCATION	BITUMIONUS SURF CSE SUPERPAVE MIX C N50	BITUMINOUS BINDER SUPERPAVE IL-19 N50	BITUMINOUS MATERIALS (PRIME COAT) 0.1 GAL/SY	PROCESSING SOIL CEMENT BASE COURSE 7.5"	CEMENT	AGGREGATE SURFACE COURSE TYPE A	INCIDENTAL BITUMINOUS SURFACING	BITUMINOUS SURFACE REMOVAL BUTT-JOINT	AGGREGATE SURFACE COURSE TYPE B	TEMPORARY RAMP	AGGREGATE SHOULDER TYPE A 6"
	TON	TON	GAL	SQ YD	100WT	TON	TON	SQ YD	TON	SQ YD	SQ YD
CH12											
STA 36+30 TO STA 236+09.04	6046	9974	5356	60219	30784	1700		334		160	26572
UP RR CROSSING APPROACHES	39		28					278		60	
BNSF RR CROSSING APPROACHES	45		35					211		60	
ENTRANCES/MAILBOX TURNOUTS			61				101	91	77.0		24
SIDE ROADS			83				138	126		60	
TOTAL	6130	9974	5563	60219	30784	1700	239	1040	77	340	26596

SEEDING							
LOCATION	CLASS 2 SPECIAL	NITROGEN 90 LBS/ACRE	PHOSPHORUS 90 LBS/ACRE	POTASSIUM 90 LBS/ACRE	AGGREGATE GROUND LIMESTONE 2 TON/ACRE	MULCH METHOD 2 2 TONS/ACRE	TEMP. EROSION CONTROL SEEDING 100 LBS/ACRE/APPL
	ACRE	POUND	FOOT	FOOT	TON	SQ. FT.	POUND
C.H. 12	1.63	146.7	146.7	146.7	3.26	3.26	327
TOTAL PROJECT	1.63	146.7	146.7	146.7	3.26	3.26	327
USE	1.63	147	147	147	3.3	3.3	327

 Account Number 03-61-0002-1 Date: 03/10/05 DESIGNED: L.F.S.	Rice, Berry and Associates A Division of Hampton, Lenzini and Renwick, Inc. Civil & Structural Engineers 801 S. Durkin Drive Springfield, Illinois 62704 217-546-3400	ROADWAY SCHEDULE OF QUANTITIES SECTION 00-00075-00-PV C.H. 12 FARMERSVILLE ROAD MACOUPIN COUNTY
	P.O. BOX 1036 DuQuoin, Illinois 62832 618-790-4637 CHECKED: L.F.S. DRAWN: TWK	

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
C.H. 12	00-00075-00-PV	MACOUPIN	37	4
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

ENTRANCE SCHEDULE													
LOCATION	TYPE	EXISTING SURFACE	EXISTING WIDTH	PROPOSED WIDTH	TYPE	RADIUS	SHOULDER WIDTH	INCIDENTIAL BITUMINOUS SURFACING	AGGREGATE SURFACE COURSE TYPE B 6"	AGGREGATE SHOULDER TYPE A	BITUMINOUS MATERIALS (PRIME COAT) .1 GAL/SY	BITUMINOUS SURFACE REMOVAL BUTT-JOINT	
													FOOT
CH 12 MACOUPIN CO.													
LT. STA. 36+48	FE	EARTH	16	16	RURAL	15	6		4				
RT. STA. 36+83	FE	EARTH	16	16	RURAL	15	6		4				
RT. STA. 105+58	PE	AGG	12	12	RURAL	15	6	5		2	3	7	
RT. STA. 109+50	FE	AGG	16	16	RURAL	15	6		4				
RT. STA. 116+68	PE	AGG	12	12	RURAL	15	6	5		2	3	7	
RT. STA. 118+35	FE	AGG	16	16	RURAL	15	6		4				
RT. STA. 120+16	EARTH	AGG	18	18	RURAL	15	6		4				
LT. STA. 121+30	PE/MB	AGG	12	12	RURAL	15	6	5		2	3	7	
RT. STA. 121+75	FE	AGG	20	20	RURAL	15	6		4				
LT. STA. 129+91	FE	AGG	18	18	RURAL	15	6		4				
RT. STA. 129+92	FE	AGG	16	16	RURAL	15	6		4				
LT. STA. 143+21	FE	AGG	16	16	RURAL	15	6		4				
RT. STA. 143+21	FE	AGG	16	16	RURAL	15	6		4				
RT. STA. 153+55	PE	AGG	20	20	RURAL	15	6	7		2	4	11	
LT. STA. 156+32	FE	AGG	18	18	RURAL	15	6		4				
RT. STA. 161+46	FE	AGG	20	20	RURAL	15	6		4				
RT. STA. 169+65	EARTH	AGG	32	32	RURAL	15	6		7				
LT. STA. 171+37	PE/MB	AGG	12	12	RURAL	15	6	5		2	3	7	
RT. STA. 178+54	PE	AGG	12	12	RURAL	15	6	5		2	3	7	
RT. STA. 180+27	PE	AGG	12	12	RURAL	15	6	5		2	3	7	
RT. STA. 189+53	FE	AGG	16	16	RURAL	15	6		4				
LT. STA. 192+96	PE/MB	AGG	12	12	RURAL	15	6	5		2	3	7	
LT. STA. 200+62	PE/MB	AGG	14	14	RURAL	15	6	6		2	3	8	
RT. STA. 202+73	PE	AGG	14	14	RURAL	15	6	6		2	3	8	
RT. STA. 209+24	FE	AGG	20	20	RURAL	15	6		4				
LT. STA. 209+65	PE/MB	AGG	14	14	RURAL	15	6	6		2	3	8	
LT. STA. 211+03	FE	AGG	22	22	RURAL	15	6		5				
RT. STA. 211+05	PE	AGG	12	12	RURAL	15	6	5		2	3	7	
RT. STA. 223+07	FE	AGG	16	16	RURAL	15	6		4				
LT. STA. 235+90	FE	AGG	24	24	RURAL	15	6		5				
LT. STA. 105+30	MB					15	6	4			3		
LT. STA. 116+89	MB					15	6	4			3		
LT. STA. 153+00	MB					15	6	4			3		
LT. STA. 178+54	MB					15	6	4			3		
LT. STA. 180+14	MB					15	6	4			3		
LT. STA. 202+18	MB					15	6	4			3		
LT. STA. 121+30	PE/MB					15	6	2			1		
LT. STA. 171+37	PE/MB					15	6	2			1		
LT. STA. 192+96	PE/MB					15	6	2			1		
LT. STA. 200+62	PE/MB					15	6	2			1		
LT. STA. 209+65	PE/MB					15	6	2			1		
TOTAL ENTRANCE									101	77	24	61	91
SIDE ROADS													
RT. STA 49+83 (BENSTEAD)		OIL & CHIP	20		20	30		18			11	24	
RT. STA 103+32 (KREUS)			24		24	50		42			25	27	
LT. STA 103+36 (KIMES)			24		24	50		42			25	27	
RT. STA 182+94 (BOSTON CHAPEL)			20		20	30		18			11	24	
LT. STA 182+94 (BALL)			20		20	30		18			11	24	
TOTAL SIDE ROADS								138			83	126	

HLR
 Rice, Berry and Associates
 A Division of Hampton, Lenzini and Renwick, Inc.
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ROADWAY SCHEDULE OF QUANTITIES
 SECTION 00-00075-00-PV
 C.H. 12 FARMERSVILLE ROAD
 MACOUPIN COUNTY

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
C.H. 12	00-00075-00-PV	MACOUPIN	37	5
FED. ROAD DIST. NO.		SUBNO.	FED. AID PROJECT:	

GUARDRAIL SCHEDULE						
LOCATION	TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT)	VERTICAL ADJUSTMENT OF GUARDRAIL	TERMINAL MARKER DIRECT APPLIED	GUARDRAIL REFLECTORS	STEEL PLATE BEAM GUARDRAIL REMOVAL	TERMINAL SECTION REMOVAL AND SALVAGE
	EACH	EACH	EACH	EACH	EACH	EACH
RT. STA. 67+10.5			1			
RT. STA. 67+10.5 TO RT. STA. 67+60.5	1			1		
RT. STA. 67+10.5 TO RT. STA. 67+35.5						1
RT. STA. 67+35.5 TO RT. STA. 67+60.5					25	
RT. STA. 67+60.5 TO RT. STA. 68+73		112.5		1		
RT. STA. 68+73 TO RT. STA. 68+98					25	
RT. STA. 68+98 TO RT. STA. 69+23						1
RT. STA. 68+73 TO RT. STA. 69+23	1			1		
RT. STA. 69+23			1			
LT. STA. 67+73			1			
LT. STA. 67+73 TO LT. STA. 68+23	1			1		
LT. STA. 67+73 TO LT. STA. 67+98						1
LT. STA. 67+98 TO LT. STA. 68+23					25	
LT. STA. 68+23 TO LT. STA. 69+35.5		112.5		1		
LT. STA. 69+35 TO LT. STA. 69+60.5					25	
LT. STA. 69+60.5 TO LT. STA. 69+85.5						1
LT. STA. 69+35.5 TO LT. STA. 69+85.5	1			1		
LT. STA. 69+85.5			1			
LT. STA. 153+40			1			
LT. STA. 153+40 TO LT. STA. 153+90	1			1		
LT. STA. 153+40 TO LT. STA. 153+65						1
LT. STA. 153+65 TO LT. STA. 153+90					25	
LT. STA. 153+90 TO LT. STA. 155+02.5		112.5		1		
LT. STA. 155+02.5 TO LT. STA. 155+27.5					25	
LT. STA. 155+27.5 TO LT. STA. 155+52.5						1
LT. STA. 155+02.5 TO LT. STA. 155+52.5	1			1		
LT. STA. 155+52.5			1			
RT. STA. 153+77.5			1			
RT. STA. 153+77.5 TO RT. STA. 154+27.5	1			1		
RT. STA. 153+77.5 TO RT. STA. 154+02.5						1
RT. STA. 154+02.5 TO RT. STA. 154+27.5					25	
RT. STA. 154+27.5 TO RT. STA. 154+40		12.5				
RT. STA. 154+40 TO RT. STA. 154+65					25	
RT. STA. 154+65 TO RT. STA. 154+90						1
RT. STA. 154+40 TO RT. STA. 154+90	1			1		
RT. STA. 154+90			1			
RT. STA. 187+21.5			1			
RT. STA. 187+21.5 TO RT. STA. 187+71.5	1			1		
RT. STA. 187+21.5 TO RT. STA. 187+46.5						1
RT. STA. 187+46.5 TO RT. STA. 187+71.5					25	
RT. STA. 187+71.5 TO RT. STA. 188+84		112.5		1		
RT. STA. 188+84 TO RT. STA. 189+09					25	
RT. STA. 189+09 TO RT. STA. 189+34						1
RT. STA. 188+84 TO RT. STA. 189+34	1			1		
RT. STA. 189+34			1			
LT. STA. 188+49			1			
LT. STA. 188+49 TO LT. STA. 188+99	1			1		
LT. STA. 188+49 TO LT. STA. 188+74						1
LT. STA. 188+74 TO LT. STA. 188+99					25	
LT. STA. 188+99 TO LT. STA. 190+11.5		112.5		1		
LT. STA. 190+11.5 TO LT. STA. 190+36.5					25	
LT. STA. 190+36.5 TO LT. STA. 190+61.5						1
LT. STA. 190+11.5 TO LT. STA. 190+61.5	1			1		
LT. STA. 190+61.5			1			
TOTAL	12	575	12	17	300	12

HLR
 Rice, Berry and Associates
 A Division of Hampton,
 Lenzini and Renwick, Inc.
 Civil & Structural Engineers
 801 S. Durkin Drive
 Springfield, Illinois 62704
 217-546-3400
 P.O. BOX 1036
 DuQuoin, Illinois 62832
 618-790-4637

Account Number
 03-61-0002-1
 Date: 03/10/05

DESIGNED: L.F.S. CHECKED: L.F.S. DRAWN: TWK

ROADWAY
 SCHEDULE OF QUANTITIES
 SECTION 00-00075-00-PV
 C.H. 12 FARMERSVILLE ROAD
 MACOUPIN COUNTY

ROUTE NO. C.H. 12	SECTION 00-00075 -00-PV	COUNTY MACOUPIN	SHEET NO. 37	TOTAL SHEETS 6
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PAVEMENT MARKING

LOCATION	PERMANENT THERMOPLASTIC							TEMPORARY THERMOPLASTIC							WORK ZONE PAVEMENT MARKING REMOVAL	SHORT TERM PAVEMENT MARKING	RAISED REFLECTIVE PAVEMENT MARKERS		
	4" SINGLE WHITE EDGE LINE	4" SINGLE SOLID YELLOW LINE	4" DOUBLE SOLID YELLOW LINE	4" SKIP-DASH YELLOW CENTERLINE	12" SOLID YELLOW LINE	24" WHITE STOP LINE	LETTERS & SYMBOLS	4" SINGLE WHITE EDGE LINE	4" SINGLE SOLID YELLOW LINE	4" DOUBLE SOLID YELLOW LINE	4" SKIP-DASH YELLOW CENTERLINE	12" SOLID YELLOW LINE	24" WHITE STOP LINE	LETTERS & SYMBOLS			TWO-WAY AMBER	ONE-WAY AMBER	
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ. FT.	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ. FT.			SQ. FT.	FOOT	EACH
CL STA 10+11 TO CL STA 36+30				655							655								
LT STA 10+50													18		218				
RT STA 13+98 TO RT STA 24+14		1016								1016					36				
LT STA 17+58 TO LT STA 27+60		1002								1002					339				
															334				
RT STA 14+08													13.5		27				
RT STA 14+33							61.2								61.2				
RT STA 14+58													13.5		27				
RT STA 16+98													13.5		27				
LT STA 17+67													13.5		27				
LT STA 20+07													13.5		27				
LT STA 20+32							61.2								61.2				
LT STA 20+57													13.5		27				
RT STA 21+00													13.5		27				
RT STA 21+25							61.2								61.2				
RT STA 21+50													13.5		27				
RT STA 24+05													13.5		27				
LT STA 24+45													13.5		27				
LT STA 27+00													13.5		27				
LT STA 27+25							61.2								61.2				
LT STA 27+50													13.5		27				
CL STA 36+30 TO CL STA 232+00				4893							4893				2297	3996	245		
RT STA 36+30 TO RT STA 49+43	1313							1313							438				
LT STA 36+30 TO LT STA 102+74	6644							6644							2215				
RT STA 50+23 TO RT STA 102+70	5247							5247							1749				
LT STA 103+98 TO LT STA 182+54	7856							7856							2619				
RT STA 103+94 TO RT STA 182+54	7860							7860							2620				
RT STA 183+34 TO RT STA 236+09	5275							5275							1758				
LT STA 183+34 TO LT STA 236+09	5275							5275							1758				
CL STA 232+00 TO CL STA 236+09			1636		94					1636		94			639			25	
RT STA 49+88 (BENSTEAD RD)	94							94					15		61				
LT STA 103+25 (KIMES RD)	158							158					15		83				
RT STA 103+35 (KREUS RD)	158							158					15		83				
LT STA 182+91 (BALL RD)	94							94					15		61				
RT STA 183+01 (BOSTON CHAPEL RD)	94							94					15		61				
TOTAL	40068	2018	1636	5548	94	255	244.8	40068	2018	1636	5548	94	255	244.8	17937.8	3996	245	25	270

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 DuQuoin, Illinois 62832
 618-790-4637
 Account Number 03-61-0002-1
 Date: 03/10/05
 DESIGNED: L.F.S. CHECKED: L.F.S. DRAWN: TWK

ROADWAY SCHEDULE OF QUANTITIES
 SECTION 00-00075-00-PV
 C.H. 12 FARMERSVILLE ROAD
 MACOUPIN COUNTY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 12	00-00075-00-PV	MACOUPIN	37	7
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SUBSURFACE DRAINAGE TABLE			
LOCATION	PIPE UNDER-DRAINS 4"	PIPE UNDERDRAINS SPECIAL 4"	CONCRETE HEADWALLS FOR PIPE DRAINS
	FOOT	FOOT	EACH
RT. STA. 36+60 TO RT. STA. 39+95	335		
RT. STA. 39+95		15	1
LT. STA. 36+60 TO LT. STA. 39+95	335		
LT. STA. 39+95		15	1
RT. STA. 40+00 TO RT. STA. 44+95	495		
RT. STA. 44+95		15	1
LT. STA. 40+00 TO LT. STA. 44+95	495		
LT. STA. 44+95		15	1
RT. STA. 45+00 TO RT. STA. 49+30	430		
RT. STA. 49+00		15	1
LT. STA. 45+00 TO LT. STA. 49+95	495		
LT. STA. 49+95		15	1
RT. STA. 50+30 TO RT. STA. 54+95	465		
RT. STA. 54+95		15	1
LT. STA. 50+00 TO LT. STA. 54+95	495		
LT. STA. 54+95		15	1
RT. STA. 55+00 TO RT. STA. 59+95	495		
RT. STA. 59+95		15	1
LT. STA. 55+00 TO LT. STA. 59+95	495		
LT. STA. 59+95		15	1
RT. STA. 60+00 TO RT. STA. 64+95	495		
RT. STA. 64+95		15	1
LT. STA. 60+00 TO LT. STA. 64+95	495		
LT. STA. 64+95		15	1
RT. STA. 65+00 TO RT. STA. 69+95	495		
RT. STA. 69+95		15	1
LT. STA. 65+00 TO LT. STA. 69+95	495		
LT. STA. 69+95		15	1
RT. STA. 70+00 TO RT. STA. 74+95	495		
RT. STA. 70+00		15	1
LT. STA. 70+00 TO LT. STA. 74+95	495		
LT. STA. 70+00		15	1
RT. STA. 75+00 TO RT. STA. 79+95	495	15	
RT. STA. 75+00			1
LT. STA. 75+00 TO LT. STA. 79+95	495	15	
LT. STA. 75+00			1
RT. STA. 80+00 TO RT. STA. 84+95	495		
RT. STA. 80+00		15	1
LT. STA. 80+00 TO LT. STA. 84+95	495		
LT. STA. 80+00		15	1
RT. STA. 85+00 TO RT. STA. 89+95	495		
RT. STA. 85+00		15	1
LT. STA. 85+00 TO LT. STA. 89+95	495		
LT. STA. 85+00		15	1
RT. STA. 90+00 TO RT. STA. 92+95	295		
RT. STA. 90+00		15	1
LT. STA. 90+00 TO LT. STA. 92+95	295		
LT. STA. 90+00		15	1
RT. STA. 93+05 TO RT. STA. 97+00	395		
RT. STA. 97+00		15	1
SUBTOTAL	11460	375	25

SUBSURFACE DRAINAGE TABLE			
LOCATION	PIPE UNDER-DRAINS 4"	PIPE UNDERDRAINS SPECIAL 4"	CONCRETE HEADWALLS FOR PIPE DRAINS
	FOOT	FOOT	EACH
LT. STA. 93+05 TO LT. STA. 97+00	395		
LT. STA. 97+00		15	1
RT. STA. 97+05 TO RT. STA. 100+00	295		
RT. STA. 100+00		30	1
LT. STA. 97+05 TO LT. STA. 100+00	295		
LT. STA. 100+00		30	1
RT. STA. 100+00 TO RT. STA. 103+00	300		
LT. STA. 100+00 TO LT. STA. 103+00	300		
RT. STA. 104+00 TO RT. STA. 108+00	400		
RT. STA. 108+00		15	1
LT. STA. 104+00 TO LT. STA. 108+00	400		
LT. STA. 108+00		15	1
RT. STA. 108+05 TO RT. STA. 110+50	245		
RT. STA. 110+50		30	1
LT. STA. 108+05 TO LT. STA. 110+50	245		
LT. STA. 110+50		30	1
RT. STA. 110+50 TO RT. STA. 112+95	245		
LT. STA. 110+50 TO LT. STA. 112+95	245		
RT. STA. 113+00 TO RT. STA. 115+00	200		
RT. STA. 115+00		30	1
LT. STA. 113+00 TO LT. STA. 115+00	200		
LT. STA. 115+00		30	1
RT. STA. 115+00 TO RT. STA. 117+00	200		
LT. STA. 115+00 TO LT. STA. 117+00	200		
RT. STA. 117+05 TO RT. STA. 122+00	495		
RT. STA. 122+00		15	1
LT. STA. 117+05 TO LT. STA. 122+00	495		
LT. STA. 122+00		15	1
RT. STA. 122+05 TO RT. STA. 127+00	495		
RT. STA. 127+00		15	1
LT. STA. 122+05 TO LT. STA. 127+00	495		
LT. STA. 127+00		15	1
RT. STA. 127+05 TO RT. STA. 132+00	495		
RT. STA. 132+00		15	1
LT. STA. 127+05 TO LT. STA. 132+00	495		
LT. STA. 132+00		15	1
RT. STA. 132+05 TO RT. STA. 137+00	495		
RT. STA. 137+00		15	1
LT. STA. 132+05 TO LT. STA. 137+00	495		
LT. STA. 137+00		15	1
RT. STA. 137+05 TO RT. STA. 142+00	495		
RT. STA. 142+00		15	1
LT. STA. 137+05 TO LT. STA. 142+00	495		
LT. STA. 142+00		15	1
RT. STA. 142+05 TO RT. STA. 147+00	495		
RT. STA. 147+00		15	1
SUBTOTAL	9610	390	20

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ROADWAY SCHEDULE OF QUANTITIES
 SECTION 00-00075-00-PV
 C.H. 12 FARMERSVILLE ROAD
 MACOUPIN COUNTY

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
C.H. 12	00-00075-00-PV	MACOUPIN	37	8
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	

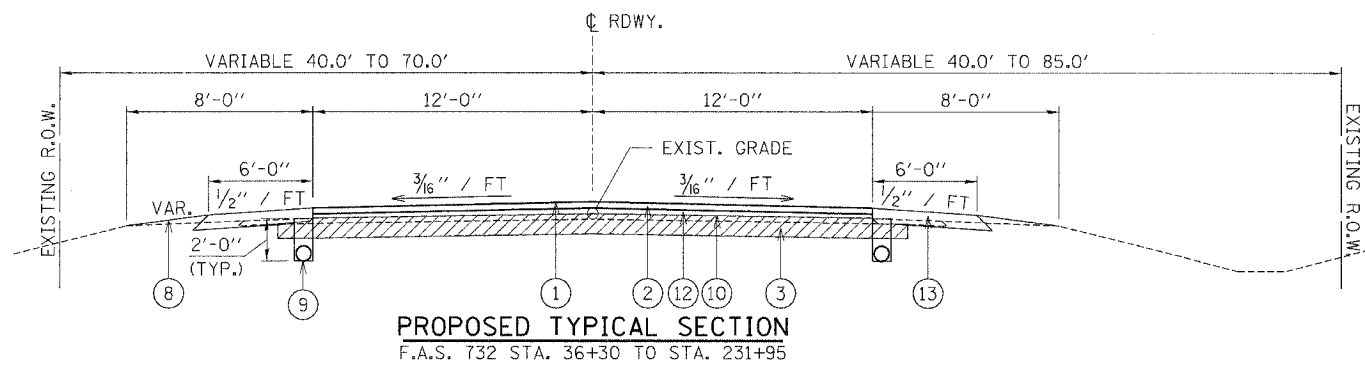
SUBSURFACE DRAINAGE TABLE			
LOCATION	PIPE UNDERDRAINS 4"	PIPE UNDERDRAINS SPECIAL 4"	CONCRETE HEADWALLS FOR PIPE DRAINS
	FOOT	FOOT	EACH
LT. STA. 142+05 TO LT. STA. 147+00 LT. STA. 147+00	495	15	1
RT. STA. 147+05 TO RT. STA. 152+00 RT. STA. 152+00	495	15	1
LT. STA. 147+05 TO LT. STA. 152+00 LT. STA. 152+00	495	15	1
RT. STA. 152+05 TO RT. STA. 155+95 RT. STA. 154+00	390	30	1
LT. STA. 152+05 TO LT. STA. 155+95 LT. STA. 154+00	390	30	1
RT. STA. 156+00 TO RT. STA. 160+95 RT. STA. 156+00	495	15	1
LT. STA. 156+00 TO LT. STA. 160+95 LT. STA. 156+00	495	15	1
RT. STA. 161+00 TO RT. STA. 165+95 RT. STA. 161+00	495	15	1
LT. STA. 161+00 TO LT. STA. 165+95 LT. STA. 161+00	495	15	1
RT. STA. 166+00 TO RT. STA. 170+95 RT. STA. 166+00	495	15	1
LT. STA. 166+00 TO LT. STA. 170+95 LT. STA. 166+00	495	15	1
RT. STA. 171+00 TO RT. STA. 173+50 RT. STA. 173+50	250	15	1
LT. STA. 171+00 TO LT. STA. 173+50 LT. STA. 173+50	250	15	1
RT. STA. 173+55 TO RT. STA. 178+00 RT. STA. 178+00	445	15	1
LT. STA. 173+55 TO LT. STA. 178+00 LT. STA. 178+00	445	15	1
RT. STA. 178+05 TO RT. STA. 182+50 RT. STA. 182+50	445	15	1
LT. STA. 178+05 TO LT. STA. 182+50 LT. STA. 182+50	445	15	1
RT. STA. 183+50 TO RT. STA. 187+50 RT. STA. 187+50	400	30	1
LT. STA. 183+50 TO LT. STA. 187+50 LT. STA. 187+50	400	30	1
RT. STA. 187+50 TO RT. STA. 190+95 RT. STA. 187+50 TO LT. STA. 190+95	345	30	1
RT. STA. 191+00 TO RT. STA. 196+95 RT. STA. 191+00	495	15	1
LT. STA. 191+00 TO LT. STA. 196+95 LT. STA. 191+00	495	15	1
RT. STA. 196+00 TO RT. STA. 200+95 RT. STA. 196+00	495	15	1
LT. STA. 196+00 TO LT. STA. 200+95 LT. STA. 196+00	495	15	1
RT. STA. 201+00 TO RT. STA. 203+45 RT. STA. 201+00	245	15	1
LT. STA. 201+00 TO LT. STA. 203+45 LT. STA. 201+00	245	15	1
SUBTOTAL	11475	435	25

SUBSURFACE DRAINAGE TABLE			
LOCATION	PIPE UNDERDRAINS 4"	PIPE UNDERDRAINS SPECIAL 4"	CONCRETE HEADWALLS FOR PIPE DRAINS
	FOOT	FOOT	EACH
RT. STA. 203+50 TO RT. STA. 206+00 RT. STA. 203+50	250	15	1
LT. STA. 203+50 TO LT. STA. 206+00 LT. STA. 203+50	250	15	1
RT. STA. 206+05 TO RT. STA. 208+50 RT. STA. 208+50	245	15	1
LT. STA. 206+05 TO LT. STA. 208+50 LT. STA. 208+50	245	15	1
RT. STA. 208+55 TO RT. STA. 213+50 RT. STA. 213+50	495	15	1
LT. STA. 208+55 TO LT. STA. 213+50 LT. STA. 213+50	495	15	1
RT. STA. 213+50 TO RT. STA. 217+50 RT. STA. 217+50	400	30	1
LT. STA. 213+50 TO LT. STA. 217+50 LT. STA. 217+50	400	30	1
RT. STA. 217+50 TO RT. STA. 220+00 LT. STA. 217+50 TO LT. STA. 220+00	250		
RT. STA. 220+05 TO RT. STA. 222+50 RT. STA. 222+50	245	30	1
LT. STA. 220+05 TO LT. STA. 222+50 LT. STA. 222+50	245	30	1
RT. STA. 222+50 TO RT. STA. 224+95 LT. STA. 222+50 TO LT. STA. 224+95	245		
RT. STA. 225+00 TO RT. STA. 227+50 RT. STA. 227+50	250	30	1
LT. STA. 225+00 TO LT. STA. 227+50 LT. STA. 227+00	250		
RT. STA. 227+50 TO RT. STA. 230+00 LT. STA. 227+50 TO LT. STA. 230+00	250	30	1
RT. STA. 230+05 TO RT. STA. 232+45 RT. STA. 230+05	240	15	1
LT. STA. 230+05 TO LT. STA. 232+45 LT. STA. 230+05	240	15	1
RT. STA. 232+50 TO RT. STA. 235+75 RT. STA. 232+50	325	15	1
LT. STA. 232+50 TO LT. STA. 235+75 LT. STA. 232+50	325	15	1
SUBTOTAL 1	11460	375	25
SUBTOTAL 2	9610	390	20
SUBTOTAL 3	11475	435	25
SUBTOTAL 4	6399	330	16
TOTAL	38944	1530	86

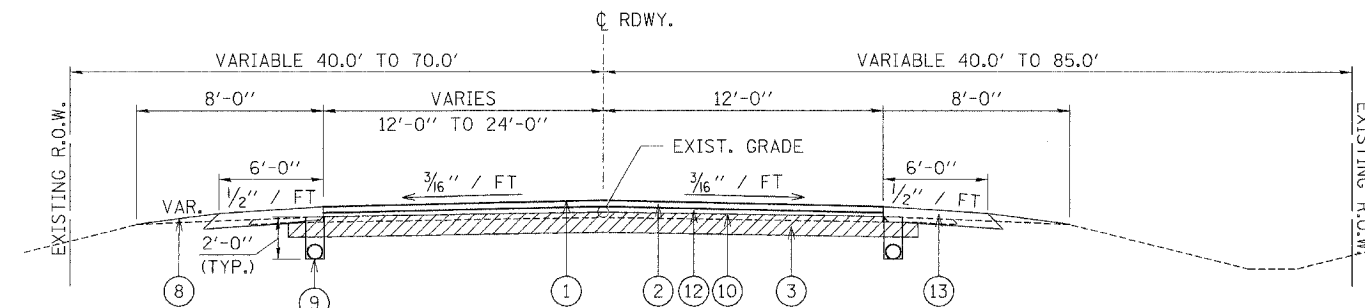
HLR
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 618-190-4637
 Account Number 03-61-0302-1
 Date: 03/10/05
 DESIGNED: L.F.S. CHECKED: L.F.S. DRAWN: TWK

ROADWAY SCHEDULE OF QUANTITIES
 SECTION 00-00075-00-PV
 C.H. 12 FARMERSVILLE ROAD
 MACOUPIN COUNTY

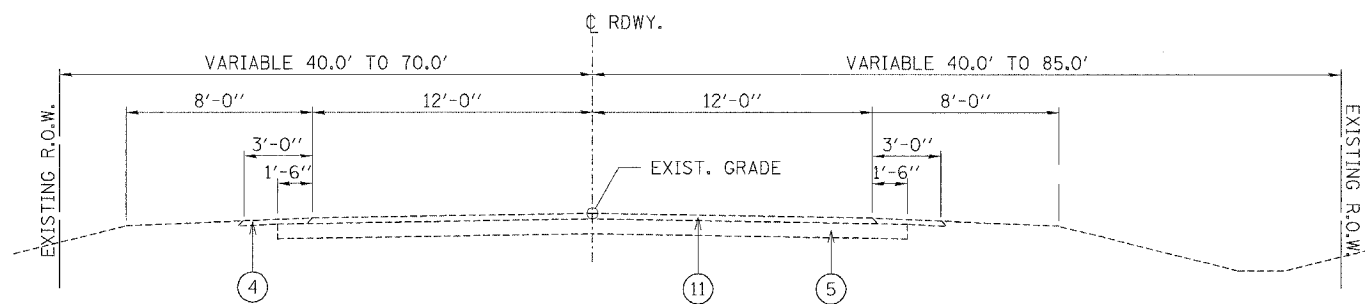
ROUTE NO.	SECTION	COUNTY	SHEET	TOTAL SHEETS
C.H. 12	00-00075-00-PV	MACOUPIN	37	9
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	



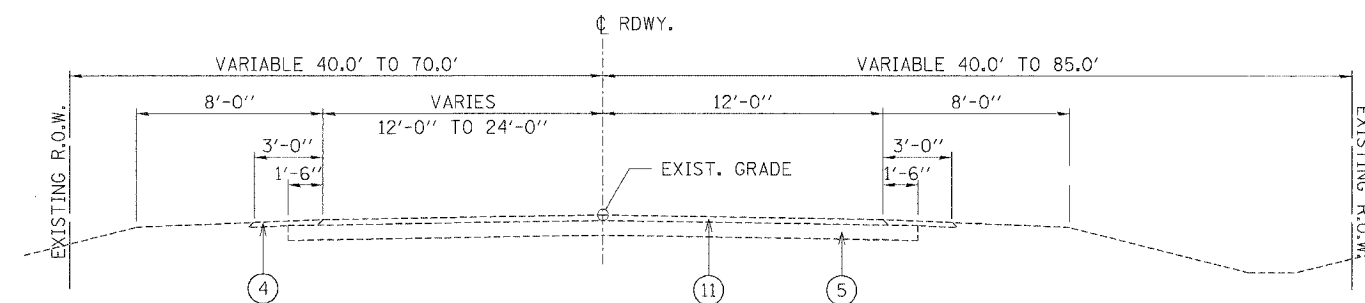
PROPOSED TYPICAL SECTION
F.A.S. 732 STA. 36+30 TO STA. 231+95



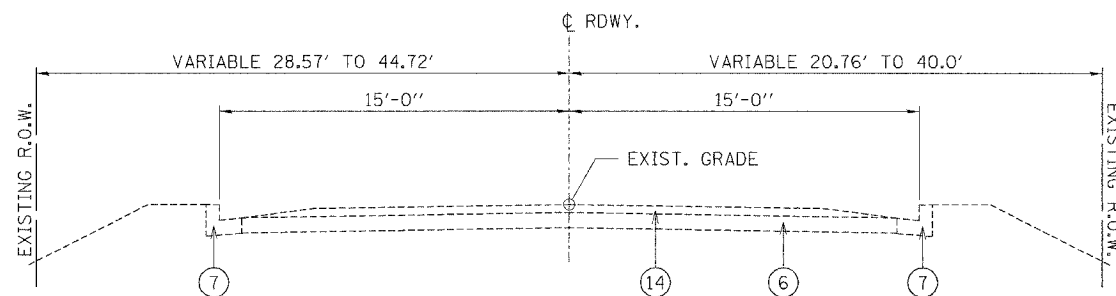
PROPOSED TYPICAL SECTION
F.A.S. 732 STA. 231+95 TO STA. 236+09.04



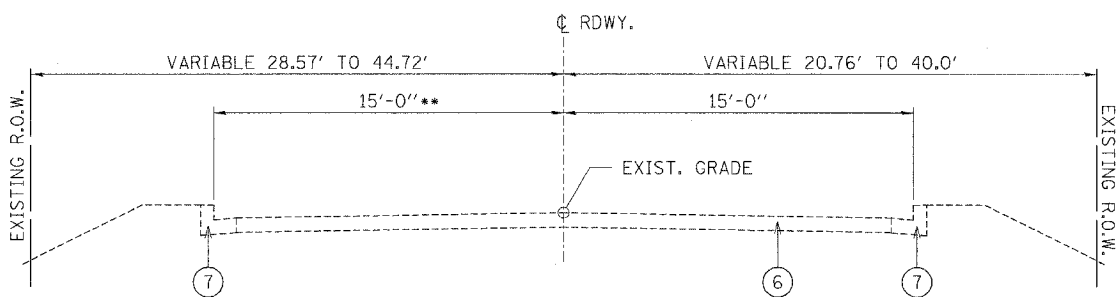
EXISTING TYPICAL SECTION
F.A.S. 732 STA. 36+30 TO STA. 231+95



EXISTING TYPICAL SECTION
F.A.S. 732 STA. 231+95 TO STA. 236+09.04



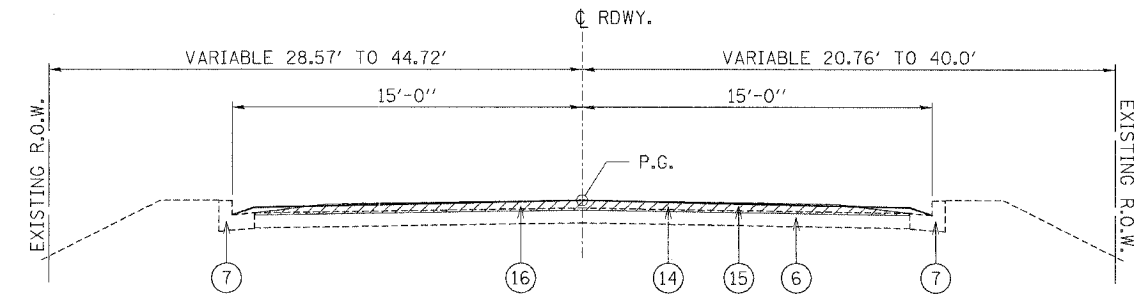
EXISTING TYPICAL SECTION
F.A.S. 732 STA. 16+92.04 TO STA. 17+19.30
F.A.S. 732 STA. 17+29.73 TO STA. 17+33.80
F.A.S. 732 STA. 17+44.20 TO STA. 18+06.00
F.A.S. 732 STA. 23+50.12 TO STA. 24+19.76
F.A.S. 732 STA. 24+29.97 TO STA. 24+75.00



EXISTING TYPICAL SECTION
F.A.S. 732 STA. 10+11 TO STA. 16+92.04
F.A.S. 732 STA. 18+06.00 TO STA. 23+50
F.A.S. 732 STA. 24+75 TO STA. 36+30

- ① BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX C N50 (2" THICKNESS)
- ② BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE, IL-19.0 N50 (3/4" THICKNESS)
- ③ PROCESSING SOIL CEMENT BASE COURSE (CS500) (7/2" THICKNESS)
- ④ AGGREGATE SHOULDER
- ⑤ POZZOLONIC BASE COURSE
- ⑥ 7" PCC PVT. WITH FABRIC
- ⑦ B6.18 CC&G
- ⑧ EARTH (INCIDENTAL TO CONTRACT)
- ⑨ PROPOSED PIPE UNDERDRAIN 4" •
- ⑩ BITUMINOUS MATERIALS (PRIME COAT)
- ⑪ BITUMINOUS CONCRETE SURFACE
- ⑫ AGGREGATE SURFACE TYPE A 1/2" (WHEN REQUIRED)
- ⑬ AGGREGATE SHOULDER TYPE A 6"
- ⑭ EXISTING BITUMINOUS OVERLAY
- ⑮ BITUMINOUS SURFACE REMOVAL (1 1/2" MIN.)
- ⑯ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX C N50 (1 1/2" MIN. THICKNESS)

NOTE
• FOR LOCATION OF UNDERDRAIN PLACEMENT SEE UNDERRAIN TABULATION OR AS DIRECTED BY ENGINEER
** FROM LT. STA. 14+00 TO LT. STA. 17+20 EXISTING 12' TURN LANE AND TAPER



PROPOSED TYPICAL SECTION
F.A.S. 732 STA. 16+92.00 TO STA. 17+19.26
F.A.S. 732 STA. 17+29.11 TO STA. 17+33.74
F.A.S. 732 STA. 17+44.20 TO STA. 18+05.00
F.A.S. 732 STA. 23+50.00 TO STA. 24+19.76
F.A.S. 732 STA. 24+29.97 TO STA. 24+75.00

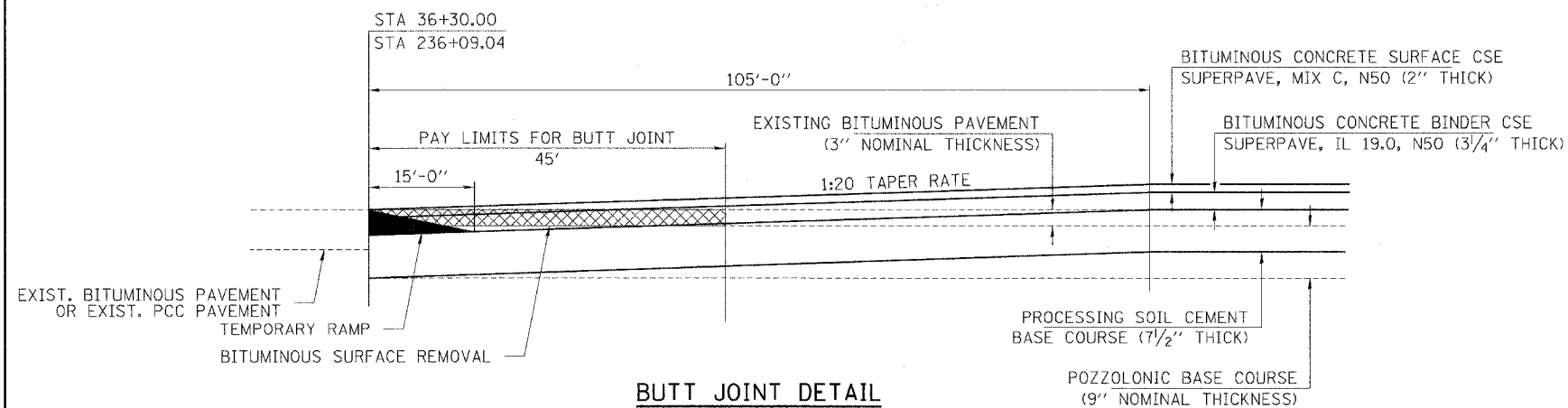
 Account Number: 03-61-0002-1 Date: 03/10/05 DESIGNED: L.F.S. CHECKED: L.F.S. DRAWN: D.T.M.	Rice, Berry and Associates A Division of Hampton, Lenzini and Renwick, Inc. Civil & Structural Engineers 801 S. Durkin Drive Springfield, Illinois 62704 217-546-3400	TYPICAL CROSS SECTIONS SECTION 00-00075-00-PV C.H. 12 FARMERSVILLE ROAD MACOUPIN COUNTY
	P.O. BOX 1036 DuQuoin, Illinois 62832 618-790-4637	
	• FOR LOCATION OF UNDERDRAIN PLACEMENT SEE UNDERRAIN TABULATION OR AS DIRECTED BY ENGINEER	
	** FROM LT. STA. 14+00 TO LT. STA. 17+20 EXISTING 12' TURN LANE AND TAPER	

ROUTE NO.	DISTRICT	COUNTY	SHEET NO.	TOTAL SHEETS
C.H. 12	00-00075-00-PV	MACOUPIN	37	10
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

MIXTURE REQUIREMENTS	
LOCATION(S):	FAS 732/CH 12 (FARMERSVILLE ROAD)
MIXTURE USE(S):	BITUMINOUS CONCRETE SURFACE SUPERPAVE
AC/PG:	PG 64-22
RAP % (MAX):	10%
DESIGN AIR VOIDS:	4% @ NDES 50
MIXTURE COMPOSITION (GRADATION MIXTURE):	IL 9.5 OR IL 12.5
FRICTION AGGREGATE:	MIXTURE C
MIXTURE WEIGHTS:	112 LBS/SY/INCH THICKNESS

MIXTURE REQUIREMENTS	
LOCATION(S):	FAS 732/CH 12 (FARMERSVILLE ROAD)
MIXTURE USE(S):	BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE
AC/PG:	PG 64-22
RAP % (MAX):	15%
DESIGN AIR VOIDS:	4% @ NDES 50
MIXTURE COMPOSITION (GRADATION MIXTURE):	IL 19.0
FRICTION AGGREGATE:	NONE
MIXTURE WEIGHTS:	112 LBS/SY/INCH THICKNESS

MIXTURE REQUIREMENTS	
LOCATION(S):	DRIVEWAYS / MAILBOX TURNOUTS AND SIDEROADS
MIXTURE USE(S):	INCIDENTAL BITUMINOUS SURFACING
AC/PG:	PG 64-22
RAP % (MAX):	15%
DESIGN AIR VOIDS:	4% @ NDES 50
MIXTURE COMPOSITION (GRADATION MIXTURE):	IL 9.5 OR IL 12.5
FRICTION AGGREGATE:	NONE
MIXTURE WEIGHTS:	112 LBS/SY/INCH THICKNESS



HLR
 Rice, Berry and Associates
 A Division of Hampton, Lenzini and Renwick, Inc.
 Civil & Structural Engineers
 801 S. Durkin Drive
 Springfield, Illinois 62704
 217-546-3400
 P.O. BOX 1036
 DuQuoin, Illinois 62832
 618-790-4637
 Account Number: 03-61-0002-1
 Date: 03/10/05
 DESIGNED: L.F.S. CHECKED: L.F.S. DRAWN: D.T.M.

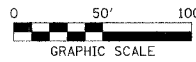
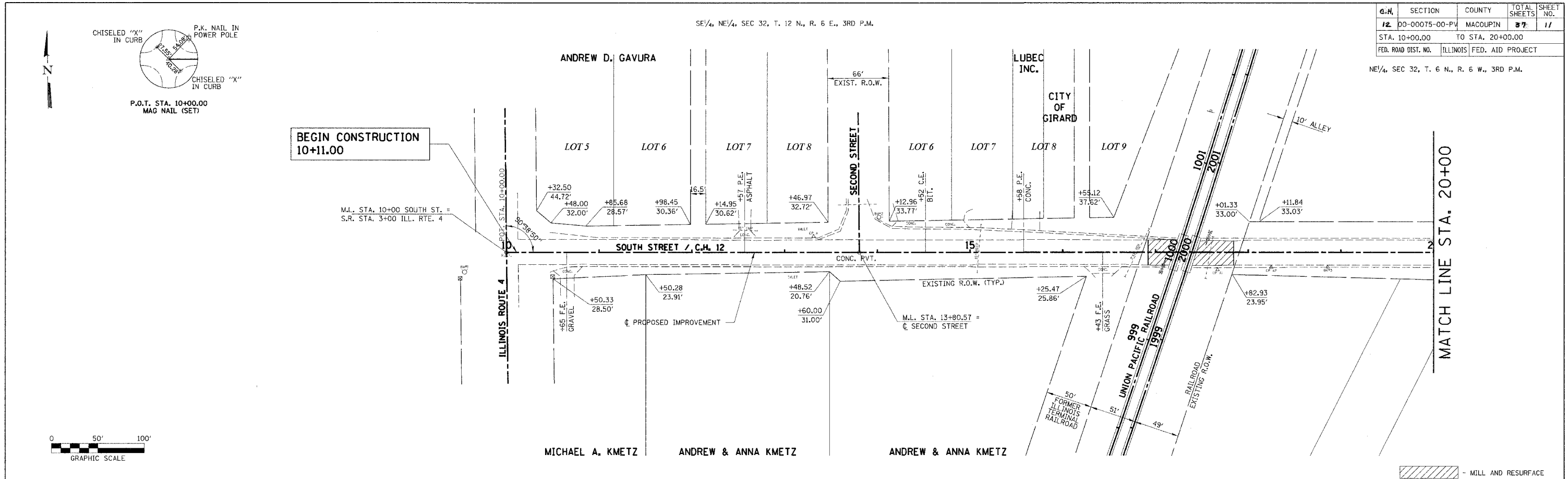
BUTT JOINT DETAIL & MIXTURE REQUIREMENTS
 SECTION 00-00075-00-PV
 C.H. 12 FARMERSVILLE ROAD
 MACOUPIN COUNTY

D.H.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12	00-00075-00-PV	MACOUPIN	37	11
STA. 10+00.00		TO STA. 20+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

NE 1/4, SEC 32, T. 6 N., R. 6 W., 3RD P.M.

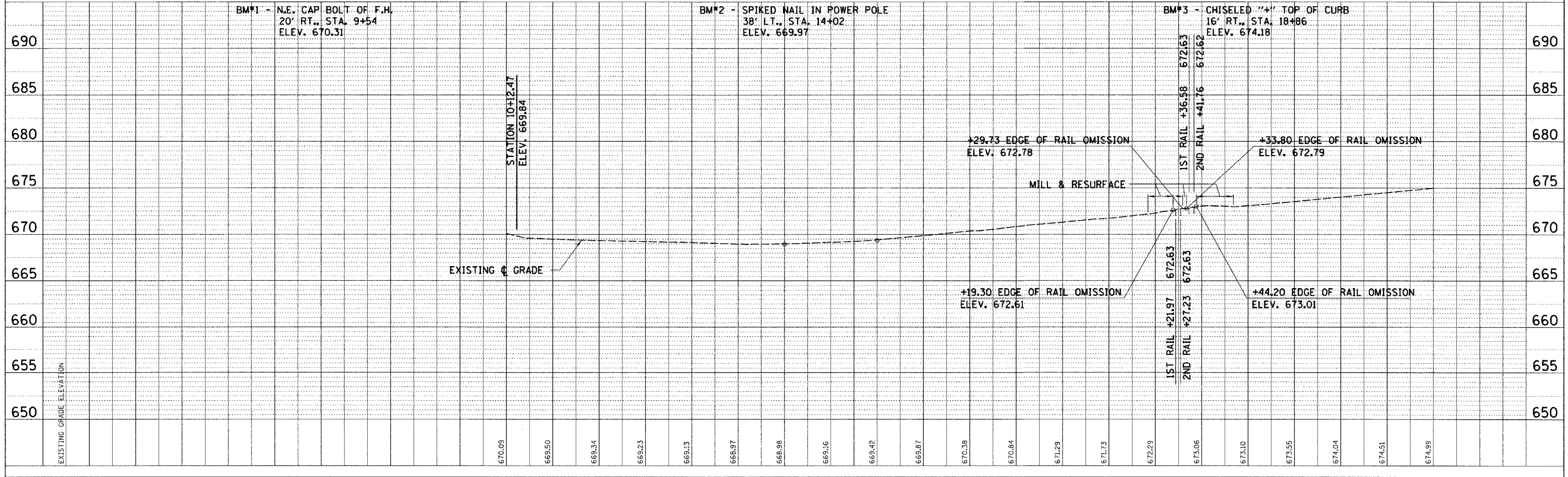
PLAN	REVISION	DATE
NO. 1	BY: [Signature]	03/11/2009
NO. 2	BY: [Signature]	03/11/2009
NO. 3	BY: [Signature]	03/11/2009
NO. 4	BY: [Signature]	03/11/2009
NO. 5	BY: [Signature]	03/11/2009
NO. 6	BY: [Signature]	03/11/2009
NO. 7	BY: [Signature]	03/11/2009
NO. 8	BY: [Signature]	03/11/2009
NO. 9	BY: [Signature]	03/11/2009
NO. 10	BY: [Signature]	03/11/2009

PROFILE	REVISION	DATE
NO. 1	BY: [Signature]	03/11/2009
NO. 2	BY: [Signature]	03/11/2009
NO. 3	BY: [Signature]	03/11/2009
NO. 4	BY: [Signature]	03/11/2009
NO. 5	BY: [Signature]	03/11/2009
NO. 6	BY: [Signature]	03/11/2009
NO. 7	BY: [Signature]	03/11/2009
NO. 8	BY: [Signature]	03/11/2009
NO. 9	BY: [Signature]	03/11/2009
NO. 10	BY: [Signature]	03/11/2009



NE 1/4, SE 1/4, SEC 32, T. 12 N., R. 6 E., 3RD P.M.

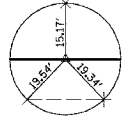
SE 1/4, SEC 32, T. 12 N., R. 6 W., 3RD P.M.



C.H.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12	00-00075-00-PV	MACOUPIN	37	12
STA. 20+00.00		TO STA. 35+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SW 1/4, NW 1/4, SEC 33, T. 12 N., R. 6 W., 3RD P.M.

ALL TIES:
CHISELED "X" ON CURB



P.I. STA. 23+39.04
P.K. NAIL (FOUND)

MARSHALL SHUTT
LOT 7

MATCH LINE STA. 20+00

MATCH LINE STA. 35+00

PLAN	DESIGNED	DATE
	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	



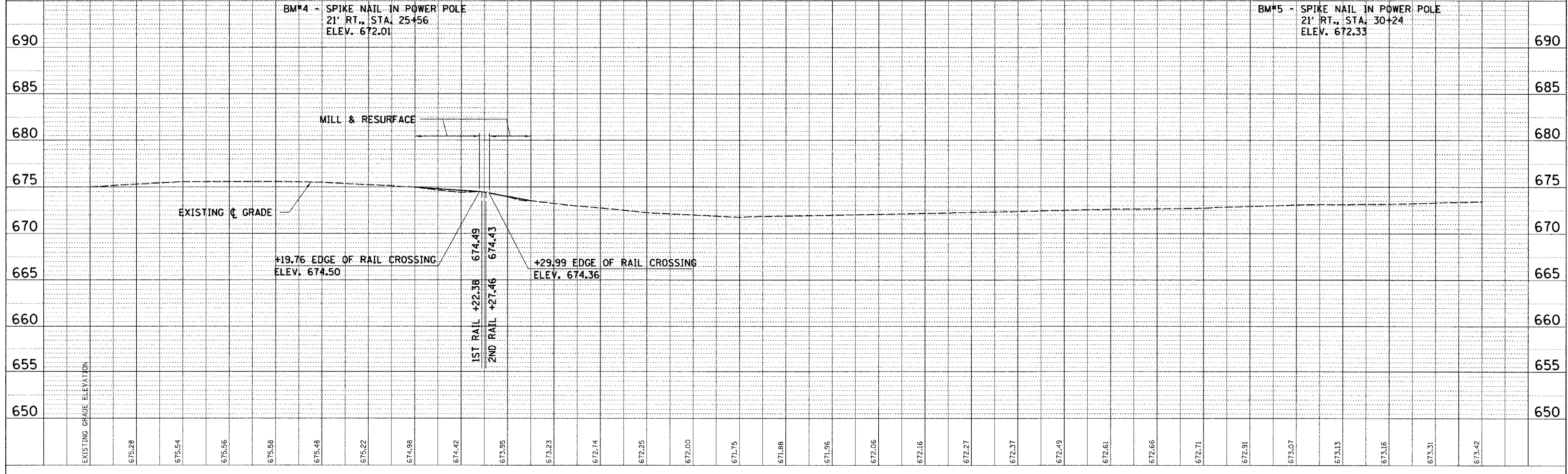
CURVE DATA
 P.I. STA. 23+39.06
 Δ = 0° 52' 59" (LT)
 D = 0° 30' 00"
 T = 88.31'
 R = 11,459.16'
 L = 176.63'
 P.C. STA. 22+50.75
 P.T. STA. 24+27.37
 S.E. = NONE

ANDREW & MILDRED ZONSA
NE 1/4, SE 1/4, SEC 32, T. 12 N., R. 6 W., 3RD P.M.

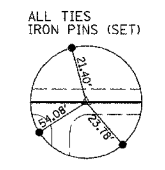
ALBERT J. VALBERT
SW 1/4, SEC 33, T. 12 N., R. 6 W., 3RD P.M.

- MILL AND RESURFACE

PROFILE	DESIGNED	DATE
	BY	
	DATE	
	BY	
	DATE	
	BY	
	DATE	



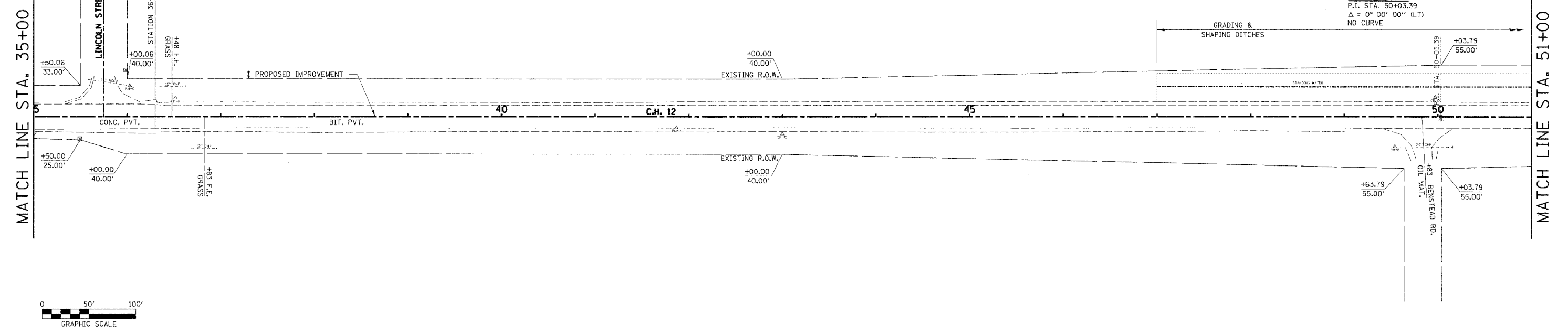
EDWIN H. BOSTON
SE 1/4, NW 1/4, SEC 33, T. 12 N., R. 6 W., 3RD P.M.



C.H.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12	00-00075-00-FF	MACOUPIN	37	13
STA. 35+00.00		TO STA. 51+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

P.I. STA. 50+03.39
P.K. NAIL FOUND
S.W. COR., N.W. 1/4, SEC. 33, T. 12 N., R. 6 W., 3RD P.M.

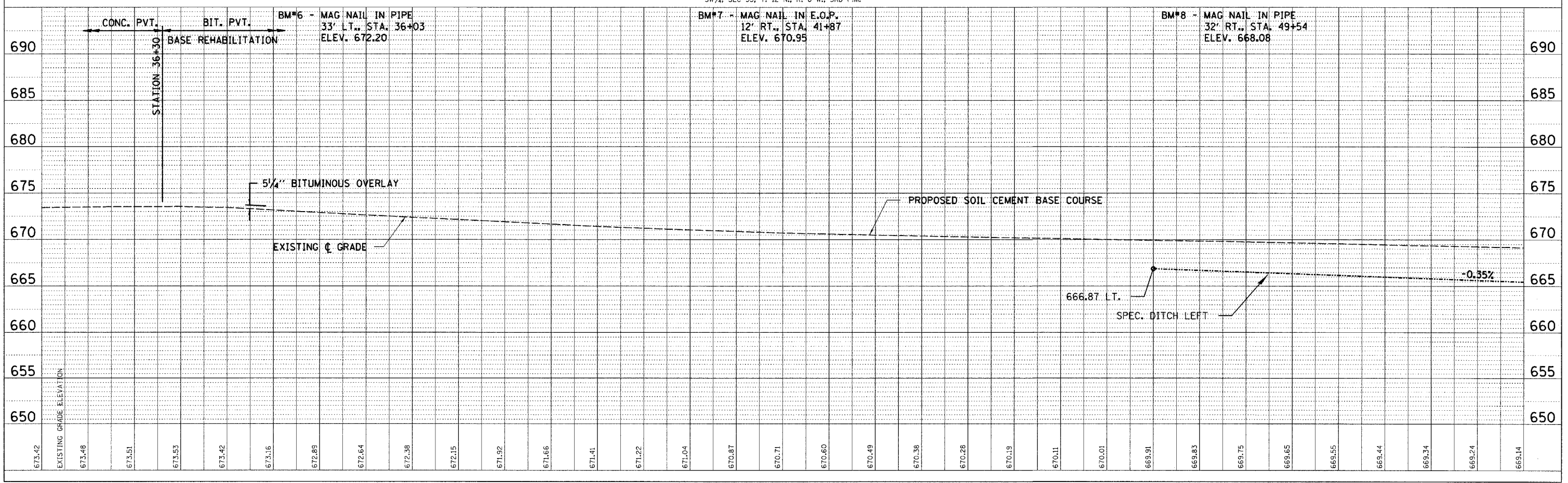
CURVE DATA
P.I. STA. 50+03.39
 $\Delta = 0^\circ 00' 00''$ (LT)
NO CURVE



PLAN	DATE	BY
APPROVED	12/15/03	A. WENZ
NOTED		
NO. SHEETS		



ALBERT J. VALVERT
SW 1/4, SEC 33, T. 12 N., R. 6 W., 3RD P.M.



PROFILE	DATE	BY
APPROVED		
NOTED		
NO. SHEETS		

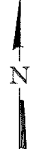
C.M.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12	00-00075-00-PV	MACOUPIN	37	14
STA. 51+00.00		TO STA. 66+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

EDWIN BOSTON
NE 1/4, SEC 33, T. 12 N., R. 6 W., 3RD P.M.

GLENN W. PROSE
SE 1/4, NE 1/4, SEC 33, T. 12 N., R. 6 W., 3RD P.M.

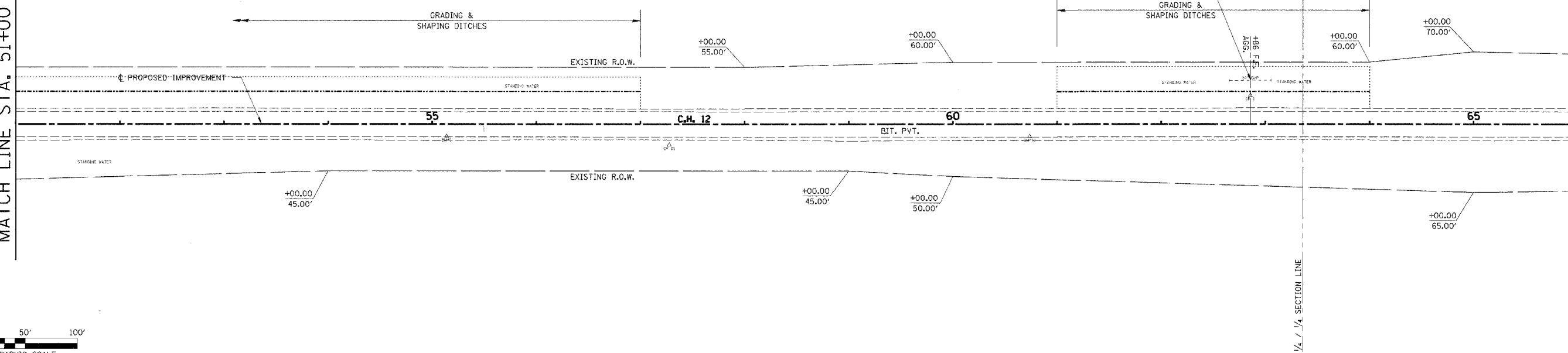
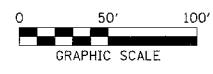
DATE	BY
PLANNED	EDWIN BOSTON
CHECKED	GLENN W. PROSE
NOTED	EDWIN BOSTON
NO. SHEETS	37

DATE	BY
PROFILE	EDWIN BOSTON
CHECKED	GLENN W. PROSE
NOTED	EDWIN BOSTON
NO. SHEETS	37

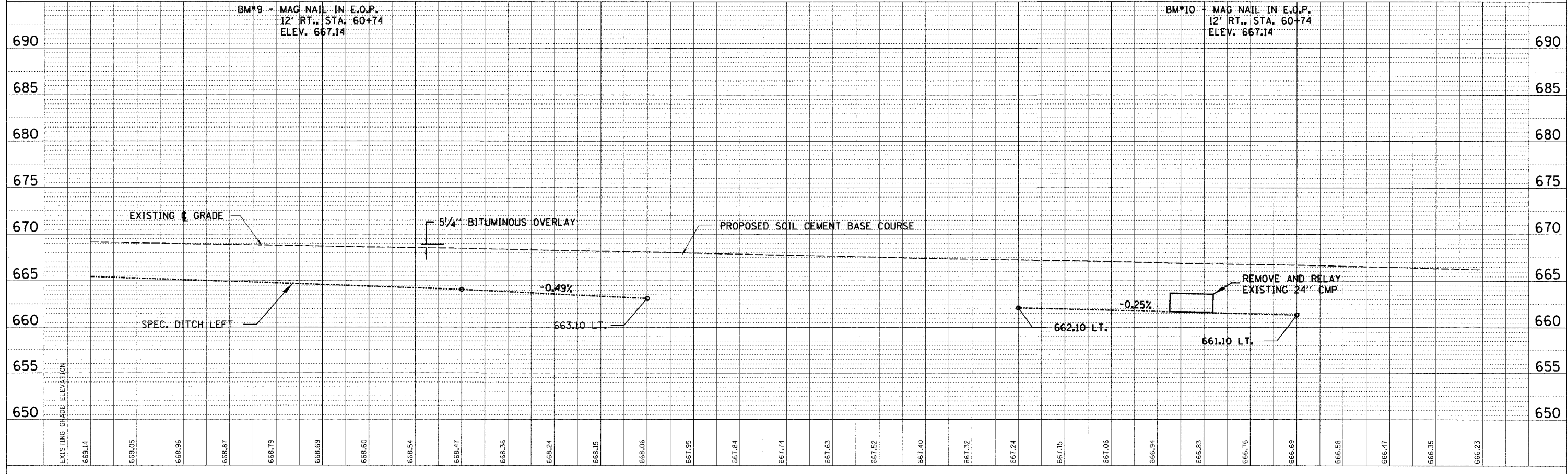


MATCH LINE STA. 51+00

MATCH LINE STA. 66+00



JENNIFER OWENS
SE 1/4, SEC 33, T. 12 N., R. 6 E., 3RD P.M.



GLENN W. PROSE
NE 1/4, SEC 33, T. 12 N., R. 6 W., 3RD P.M.

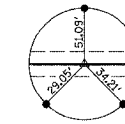
ALL TIES
IRON PINS (SET)

C.H.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12	00-00075-00-PV	MACOUPIN	37	15
STA. 66+00.00		TO STA. 81+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

OWNER
NW 1/4, SEC 34, T. 12 N., R. 6 W., 3RD P.M.

P.I. STA. 76+67.73
MAG NAIL (SET)
S.E. COR., N.E. 1/4, SEC. 33, T. 12 N., R. 6 W., 3RD P.M.

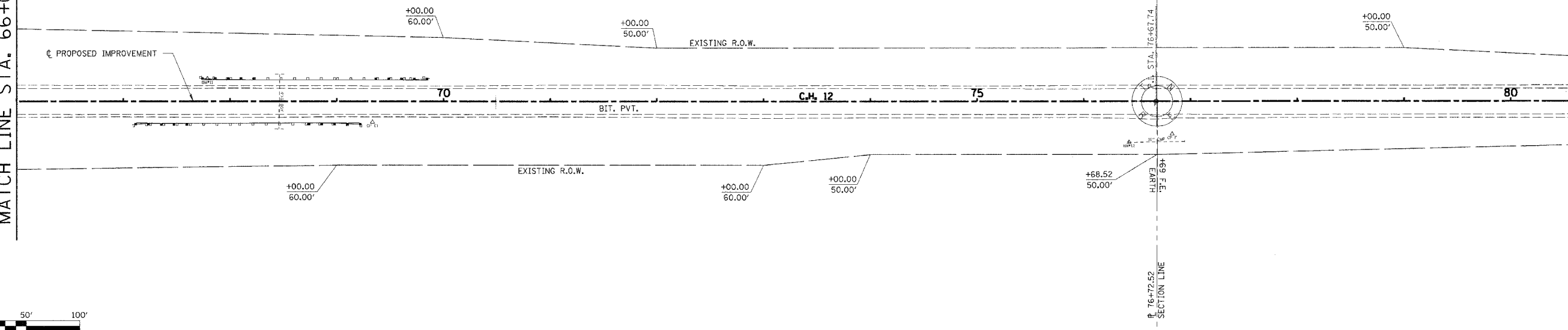
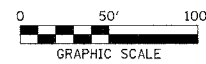
CURVE DATA
P.I. STA. 76+67.74
 $\Delta = 0^\circ 04' 11''$ (L.T.)
NO CURVE



PLAN	DATE	BY
DESIGNED		
PLOTTED		
ATTORNEY CHECKED		
ADD FILE NAME		
NO. SHEETS		

MATCH LINE STA. 66+00

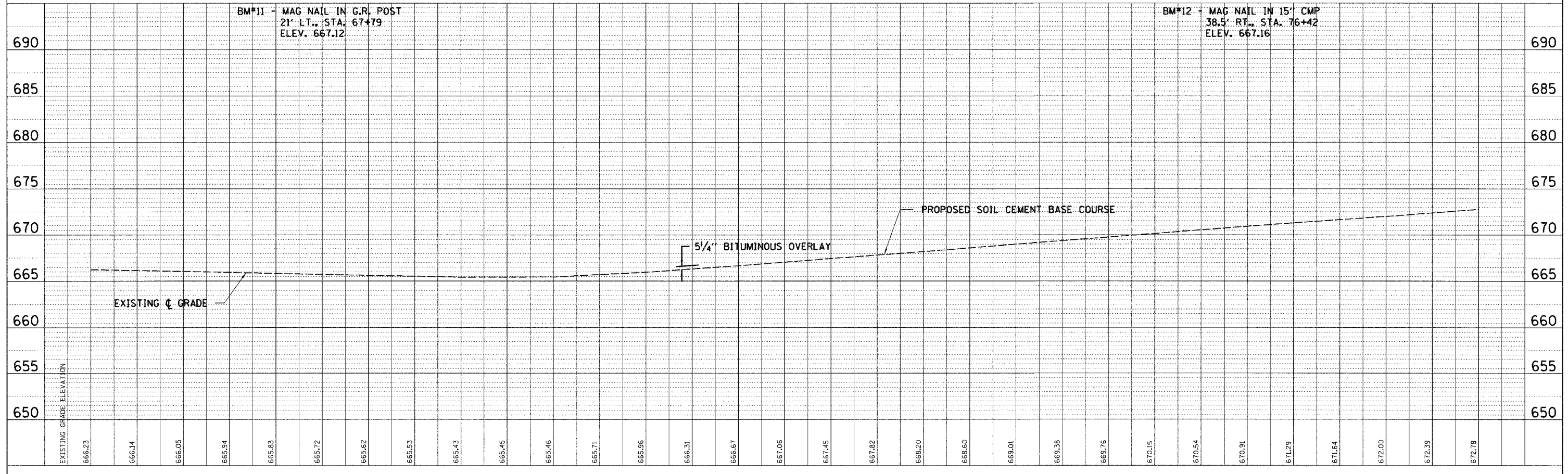
MATCH LINE STA. 81+00



JENNIFER OWENS
SE 1/4, SEC 33, T. 12 N., R. 6 W., 3RD P.M.

D.W. BURTON, HEIRS
SW 1/4, SEC 34, T. 12 N., R. 6 W., 3RD P.M.

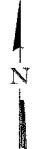
PROFILE	DATE	BY
GRADES CHECKED		
STRUCTURE NOTATIONS CHECKED		
NO.		



GLEEN W. PROSE
NW/4, SEC 34, T. 12 N., R. 6 W., 3RD P.M.

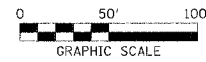
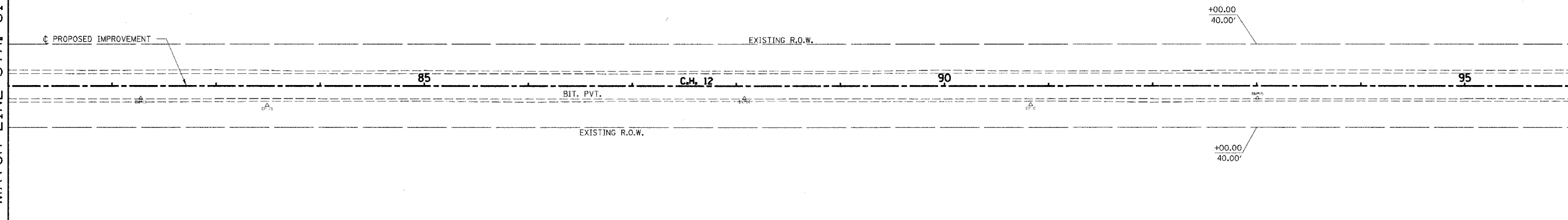
CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12	00-00075-00-PV	MACOUPIN	37	16
STA. 81+00.00		TO STA. 96+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PLAN	REVIEWED	DATE
NO. 102-10712	BY: GLEEN W. PROSE	05/11/2025
NO. 102-10712	BY: GLEEN W. PROSE	05/11/2025
NO. 102-10712	BY: GLEEN W. PROSE	05/11/2025



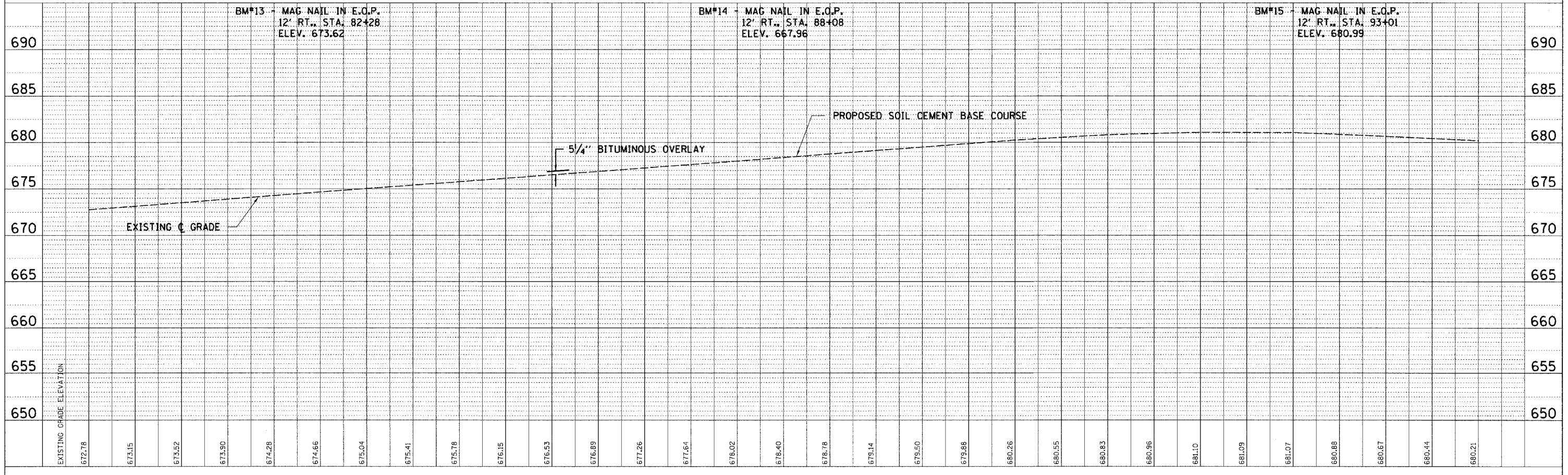
MATCH LINE STA. 81+00

MATCH LINE STA. 96+00



D.W. BURTON, HEIRS
SW/4, SEC 34, T. 12 N., R. 6 W., 3RD P.M.

PROFILE	REVIEWED	DATE
NO. 102-10712	BY: GLEEN W. PROSE	05/11/2025
NO. 102-10712	BY: GLEEN W. PROSE	05/11/2025
NO. 102-10712	BY: GLEEN W. PROSE	05/11/2025



BM*13 - MAG NAIL IN E.O.P.
12' RT., STA. 82+28
ELEV. 673.62

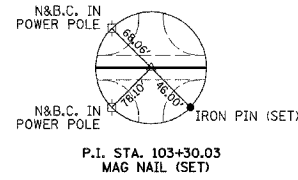
BM*14 - MAG NAIL IN E.O.P.
12' RT., STA. 88+08
ELEV. 667.96

BM*15 - MAG NAIL IN E.O.P.
12' RT., STA. 93+01
ELEV. 680.99

GLENN PROSE
NW/4, SEC 34, T. 12 N., R. 6 W., 3RD P.M.

THOMAS HOUGH
W/2, NE/4, SEC 34, T. 12 N., R. 5 W., 3RD P.M.

C.H.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12	00-00075-00-PV	MACOUPIN	37	17
STA. 96+00.00 TO STA. 111+00.00				
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT

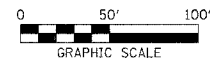


CURVE DATA
P.I. STA. 103+30.04
 $\Delta = 0^\circ 00' 40''$ (LT)
NO CURVE

MATCH LINE STA. 96+00

MATCH LINE STA. 111+00

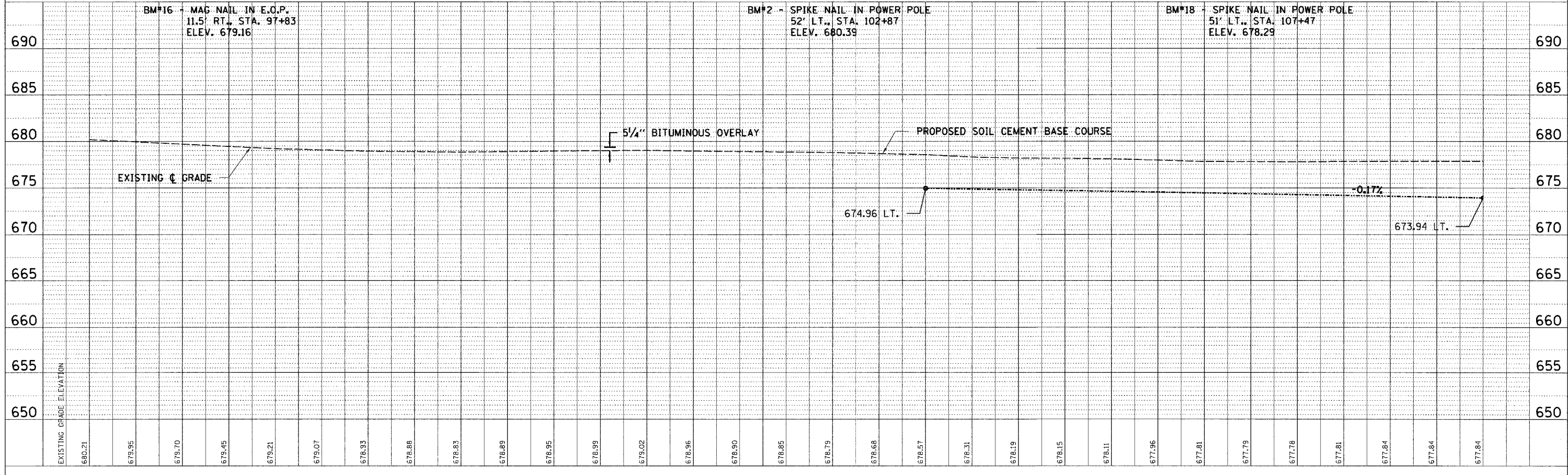
DATE	BY
10/07/04	GLM
REVISIONS	
NO.	DESCRIPTION
1	ADD FILE NAME



D.W. BURTON HERIS
SW/4, SEC 34, T. 12 N., R. 6 W., 3RD P.M.

ROBERT & ROSELLA ADAMS
W/2, SE/4, SEC 34, T. 12 N., R. 6 W., 3RD P.M.

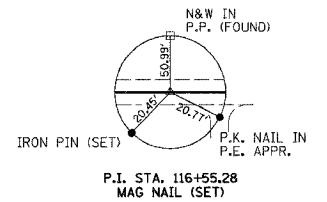
DATE	BY
10/07/04	GLM
REVISIONS	
NO.	DESCRIPTION
1	ADD FILE NAME



THOMAS HOUGH
W 1/2, NE 1/4, SEC 34, T. 12 N., R. 6 W., 3RD P.M.

ROBERT & ROSELLA ADAMS
NE 1/4, SEC 34, T. 12 N., R. 6 W., 3RD P.M.

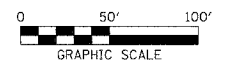
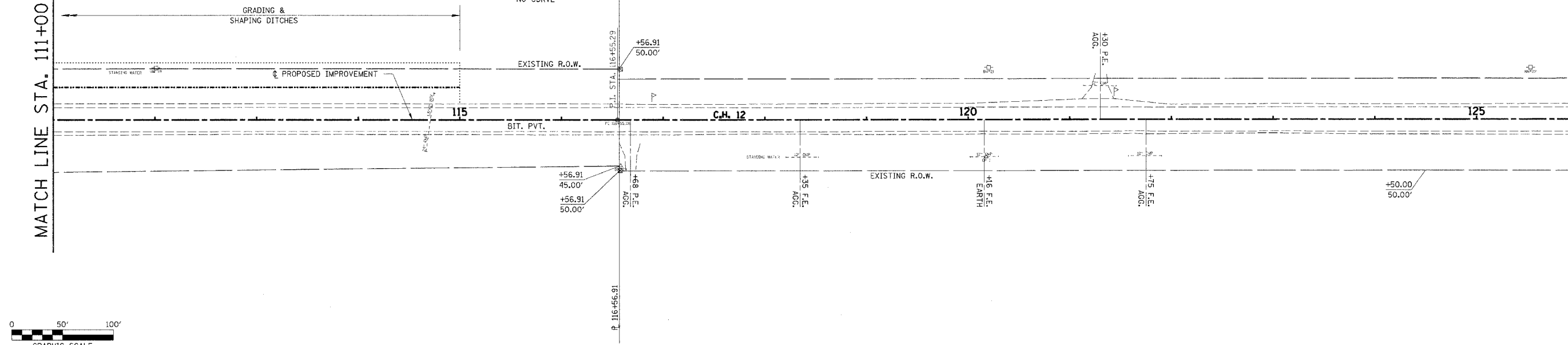
CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12	00-00075-00-PV	MACOUPIN	37	18
STA. 111+00.00		TO STA. 126+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



CURVE DATA
P.I. STA. 116+55.29
 $\Delta = 0^\circ 02' 39''$ (LT)
NO CURVE

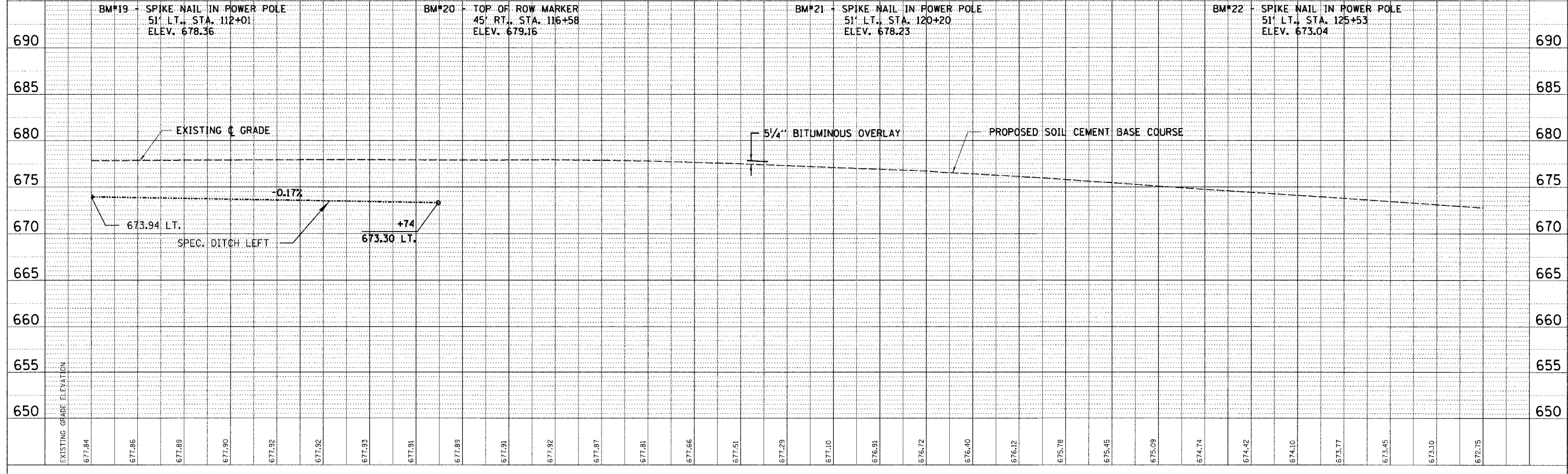
MATCH LINE STA. 111+00

MATCH LINE STA. 126+00



ROBERT & ROSELL A. ADAMS
W 1/2, SE 1/4, SEC 34, T. 12 N., R. 6 W., 3RD P.M.

F DONALD MAC MURDO
NE 1/4, SE 1/4, SEC 34, T. 12 N., R. 6 W., 3RD P.M.

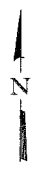
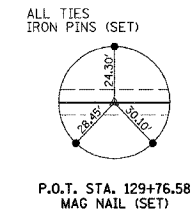


DATE	BY

DATE	BY

C.H.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12	00-00075-00-PV	MACOUPIN	37	19
STA. 126+00.00		TO STA. 141+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

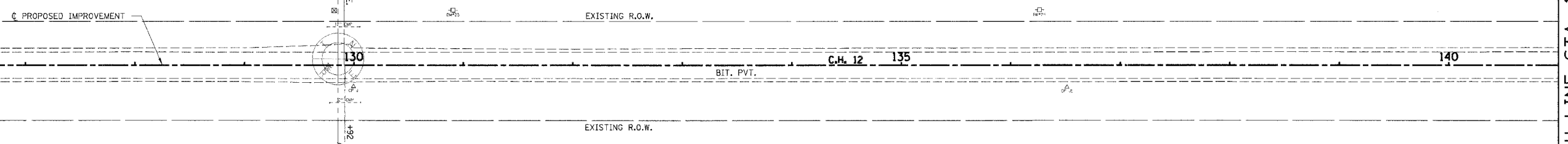
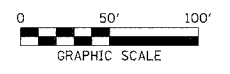
ROBERT & ROSELLA ADAMS
NW 1/4, SEC 35, T. 12 N., R. 6 W., 3RD P.M.



PLAN	REVISIONS	DATE
DESIGNED	BY	
PLOTTED	BY	
CHECKED	BY	
FILED	BY	
NO. MS. NOTES		

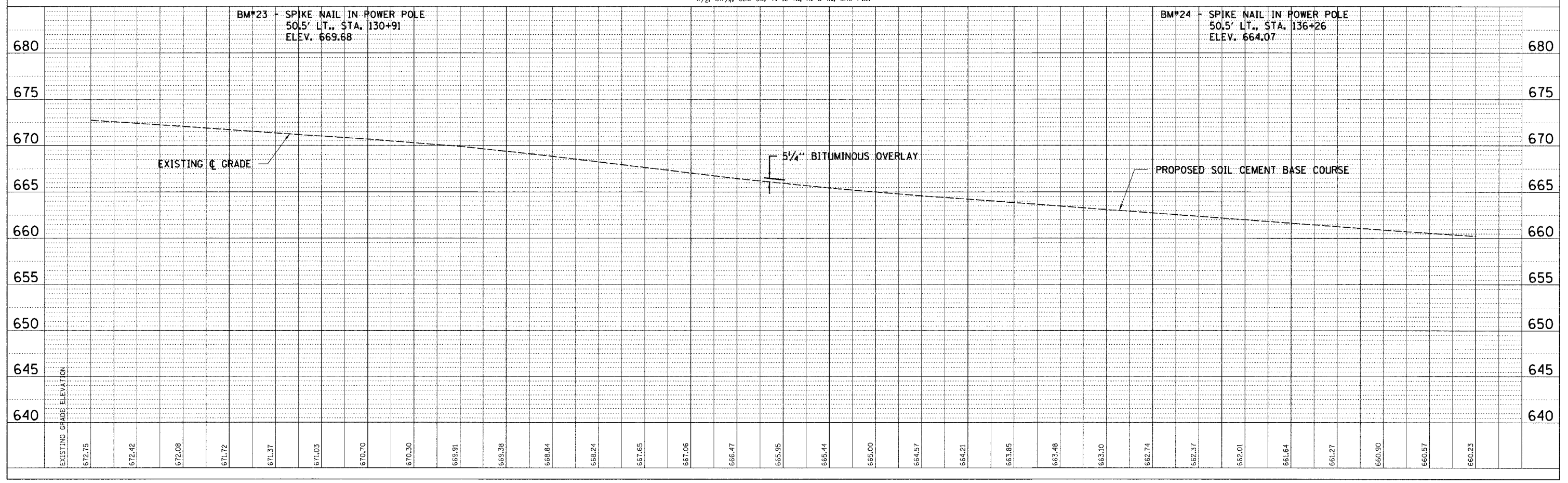
MATCH LINE STA. 126+00

MATCH LINE STA. 141+00



F. DONALD MACMURDO
W 1/2, SW 1/4, SEC 35, T. 12 N., R. 6 W., 3RD P.M.

PROFILE	REVISIONS	DATE
GRADES CHECKED	BY	
PLOTTED	BY	
CHECKED	BY	
FILED	BY	
NO. MS. NOTES		



STANLEY ROVEY, ETUX
 NW 1/4, SEC 35, T. 12 N., R. 6 W., 3RD P.M.

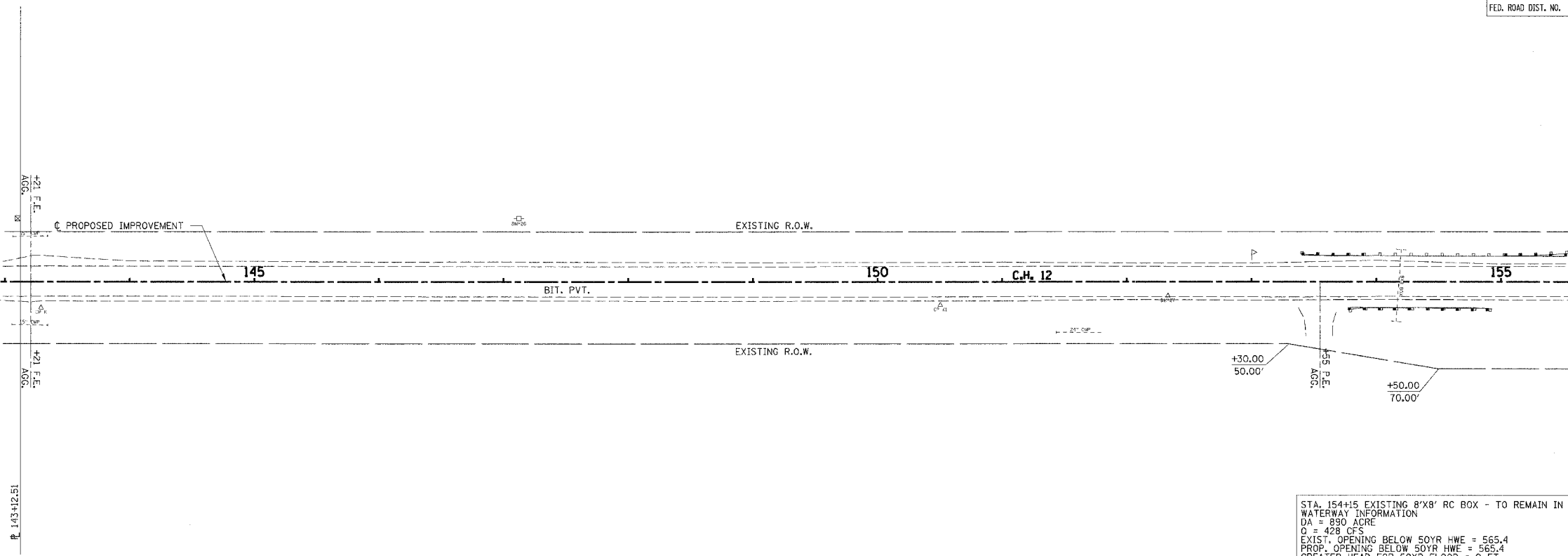
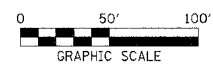
C.H.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12	00-00075-00-PV	MACOUPIN	37	20
STA. 141+00.00		TO STA. 156+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DATE	BY
DESIGNED	BY
CHECKED	BY
PLANNED	BY
NOTE BOOK	NO.
NO. SHEETS	FILE NAME



MATCH LINE STA. 141+00

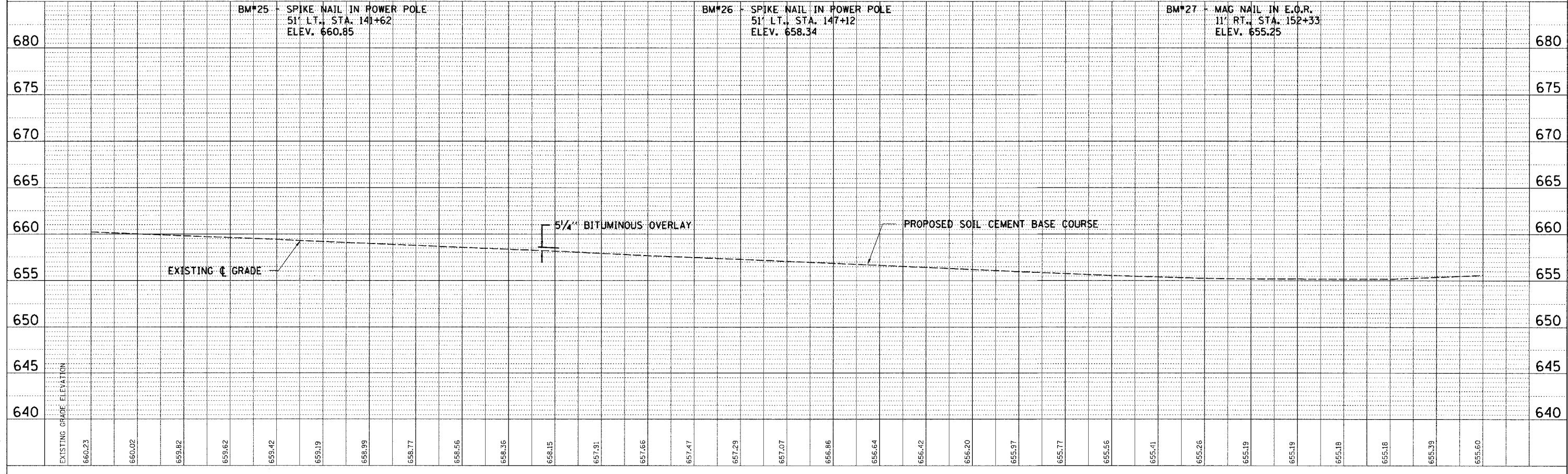
MATCH LINE STA. 156+00



STA. 154+15 EXISTING 8'X8' RC BOX - TO REMAIN IN PLACE
 WATERWAY INFORMATION
 DA = 890 ACRE
 Q = 428 CFS
 EXIST. OPENING BELOW 50YR HWE = 565.4
 PROP. OPENING BELOW 50YR HWE = 565.4
 CREATED HEAD FOR 50YR FLOOD = 0 FT.

HAYDEN KESSINGER
 E 1/2, SW 1/4, SEC 35, T. 12 N., R. 6 W., 3RD P.M.

DATE	BY
DESIGNED	BY
CHECKED	BY
PLANNED	BY
NOTE BOOK	NO.
NO. SHEETS	FILE NAME

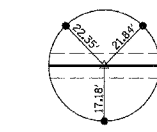


STANLEY ROVEY, ETUX
 NW 1/4, SEC 35, T. 12 N., R. 6 W., 3RD P.M.

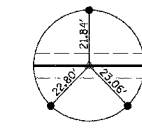
ALL TIES
 IRON PINS (SET)

C.H.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12	00-00075-00-PV	MACOUPIN	37	21
STA. 156+00.00		TO STA. 171+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

ALL TIES
 IRON PINS (SET)



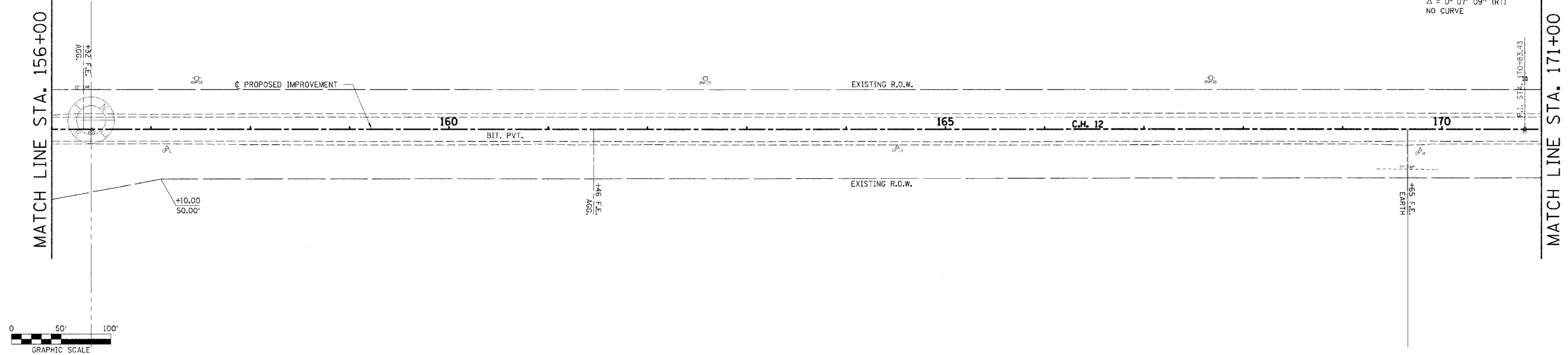
P.O.T. STA. 156+40.47
 MAG NAIL (SET)



P.I. STA. 170+83.43
 MAG NAIL (SET)

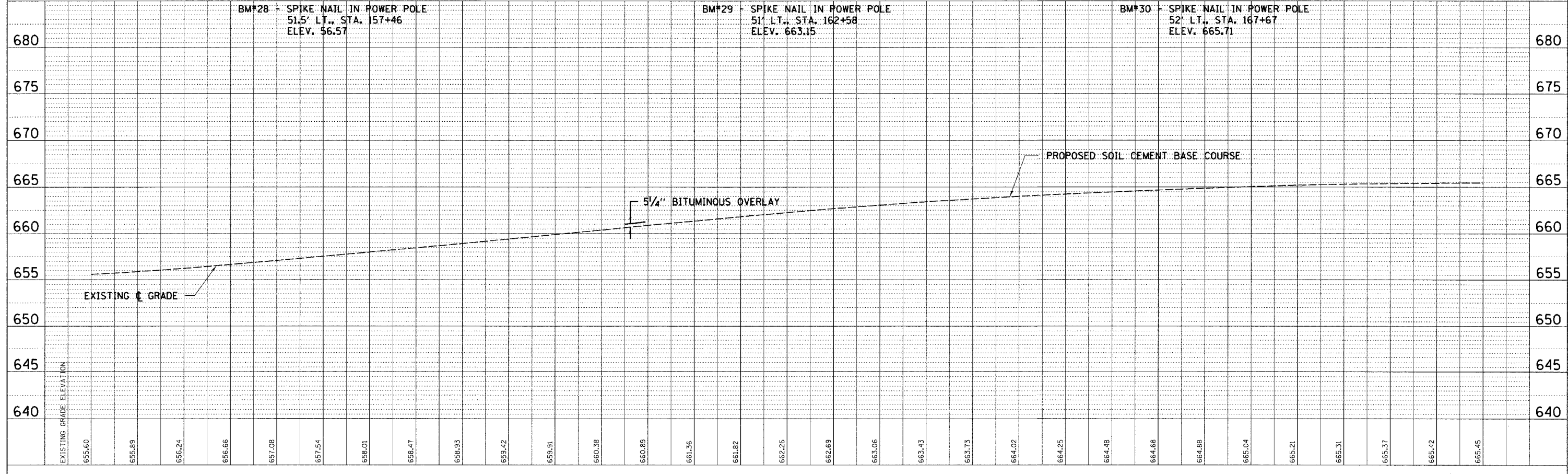
CURVE DATA
 P.I. STA. 170+83.43
 $\Delta = 0^\circ 07' 09''$ (RT)
 NO CURVE

PLAN	REVISIONS	DATE
NO. 000001	BY: [Signature]	DATE: 09/17/2005
NO. 000002	BY: [Signature]	DATE: 09/17/2005
NO. 000003	BY: [Signature]	DATE: 09/17/2005



JERRY B. CLOYD
 W 1/2, SE 1/4, SEC 35, T. 12 N., R. 6 W., 3RD P.M.

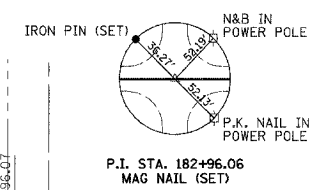
PROFILE	REVISIONS	DATE
NO. 000001	BY: [Signature]	DATE: 09/17/2005
NO. 000002	BY: [Signature]	DATE: 09/17/2005
NO. 000003	BY: [Signature]	DATE: 09/17/2005



STANLEY ROVEY, ETUX
NE 1/4, SEC 35, T. 12 N., R. 6 W., 3RD P.M.

C.H.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12	00-00075-00-PV	MACOUPIN	37	22
STA. 171+00.00		TO STA. 186+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

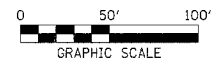
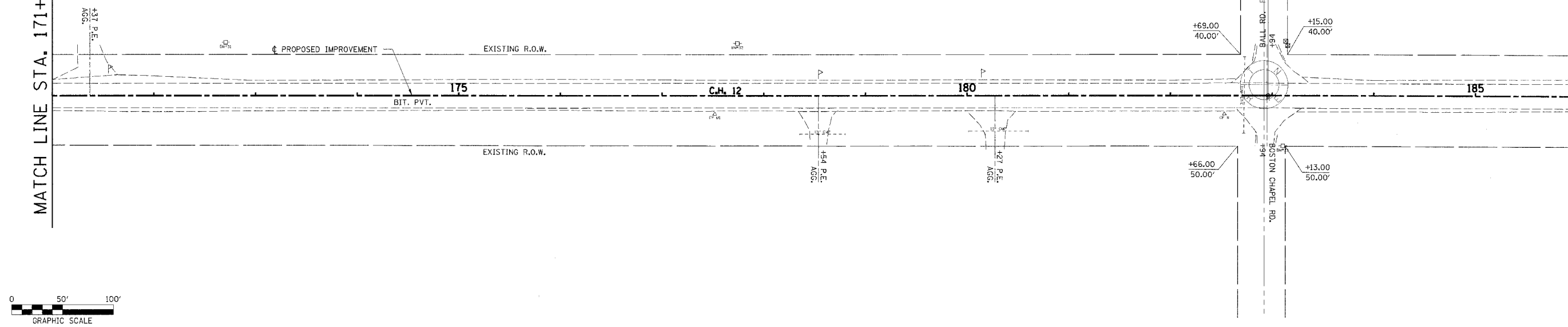
LEWIS BALL
NW 1/4, SEC 36, T. 12 N., R. 6 W., 3RD P.M.



CURVE DATA
P.I. STA. 182+96.07
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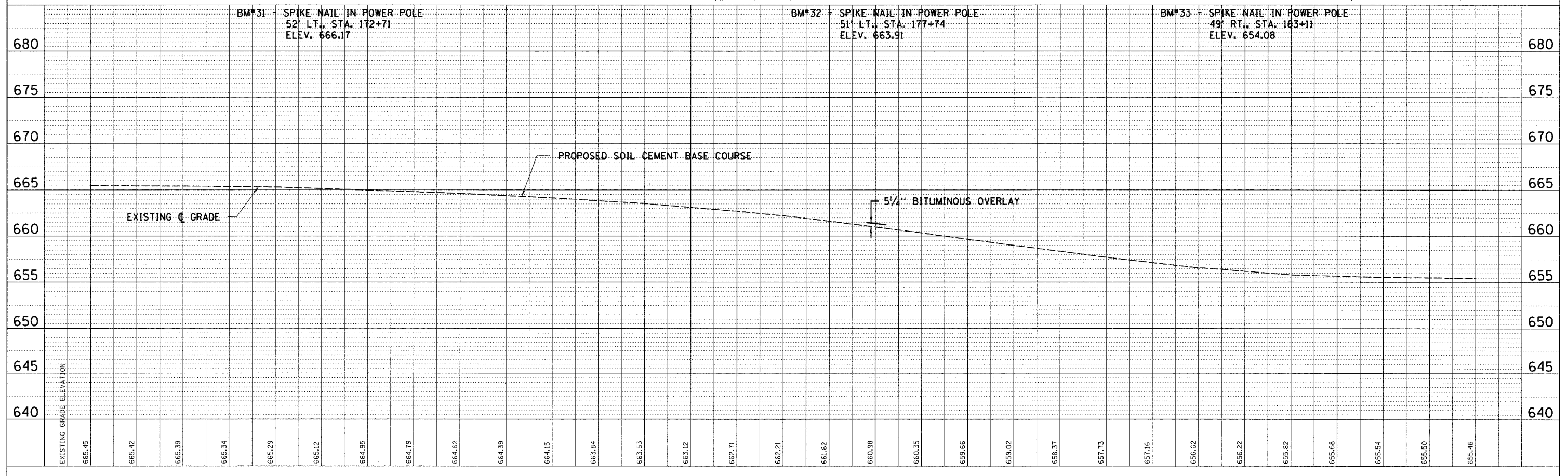
MATCH LINE STA. 171+00

MATCH LINE STA. 186+00



HAYDEN & BETTY KESSINGER
SE 1/4, SEC 35, T. 12 N., R. 6 W., 3RD P.M.

JERRY B. LLOYD
SW 1/4, SEC 36, T. 12 N., R. 6 W., 3RD P.M.



PLAN	REVISIONS	DATE
BY: []	BY: []	DATE: []
NO. []	NO. []	NO. []

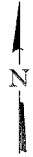
PROFILE	REVISIONS	DATE
BY: []	BY: []	DATE: []
NO. []	NO. []	NO. []

LEWIS BALL
NW/4, SEC 36, T. 12 N., R. 6 W., 3RD P.M.

KARL BALL
NW/4, SEC 36, T. 12 N., R. 6 W., 3RD P.M.

C.H.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12	00-00075-00-PV	MACOUPIN	37	23
STA. 186+00.00 TO STA. 201+00.00				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

PLAN	DESIGNED BY	DATE
	NOTED BY	
	CHECKED BY	
	DATE	



MATCH LINE STA. 186+00

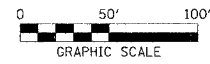
MATCH LINE STA. 201+00

PROPOSED IMPROVEMENT

190 BIT. PVT. 195 C.H. 12 200

EXISTING R.O.W.

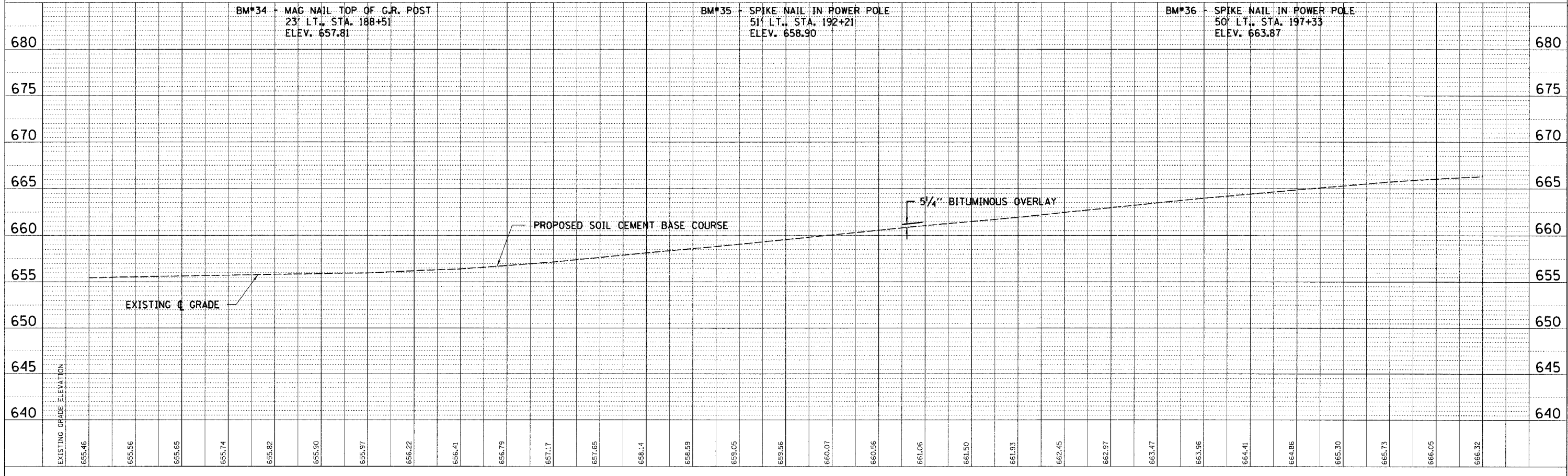
EXISTING R.O.W.



JERRY B. LLOYD

SW/4, SEC 36, T. 12 N., R. 6 W., 3RD P.M.

PROFILE	DESIGNED BY	DATE
	NOTED BY	
	CHECKED BY	
	DATE	



BM*34 - MAG NAIL TOP OF G.R. POST
23' LT., STA. 188+51
ELEV. 657.81

BM*35 - SPIKE NAIL IN POWER POLE
51' LT., STA. 192+21
ELEV. 658.90

BM*36 - SPIKE NAIL IN POWER POLE
50' LT., STA. 197+33
ELEV. 663.87

PROPOSED SOIL CEMENT BASE COURSE

5 1/4" BITUMINOUS OVERLAY

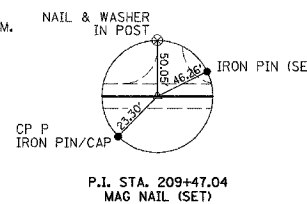
EXISTING G. GRADE

KARL BALL
NW¼, SEC 36, T. 12 N., R. 6 W., 3RD P.M.

HOWARD BALL, JR.
NW¼, SEC 36, T. 12 N., R. 6 W., 3RD P.M.

DEAN S. & NORMA LLOYD
SE½, NE¼, SEC 36, T. 12 N., R. 6 W., 3RD P.M.

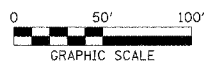
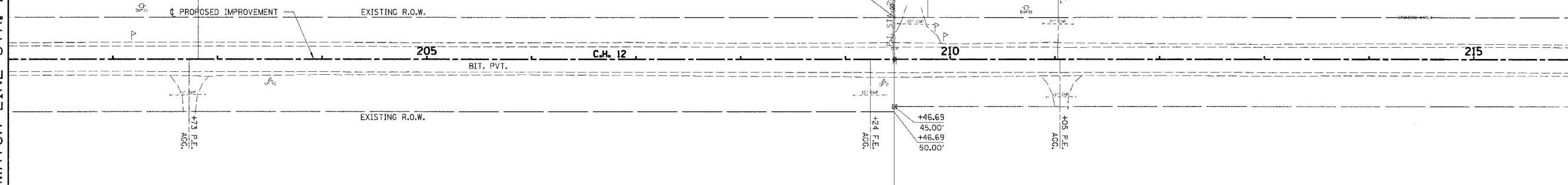
C.H.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12	00-00075-00-PV	MACOUPIN	37	24
STA. 201+00.00		TO STA. 216+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



CURVE DATA
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 $\Delta = 0^\circ 2' 54''$ (RT)
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MATCH LINE STA. 201+00

MATCH LINE STA. 216+00

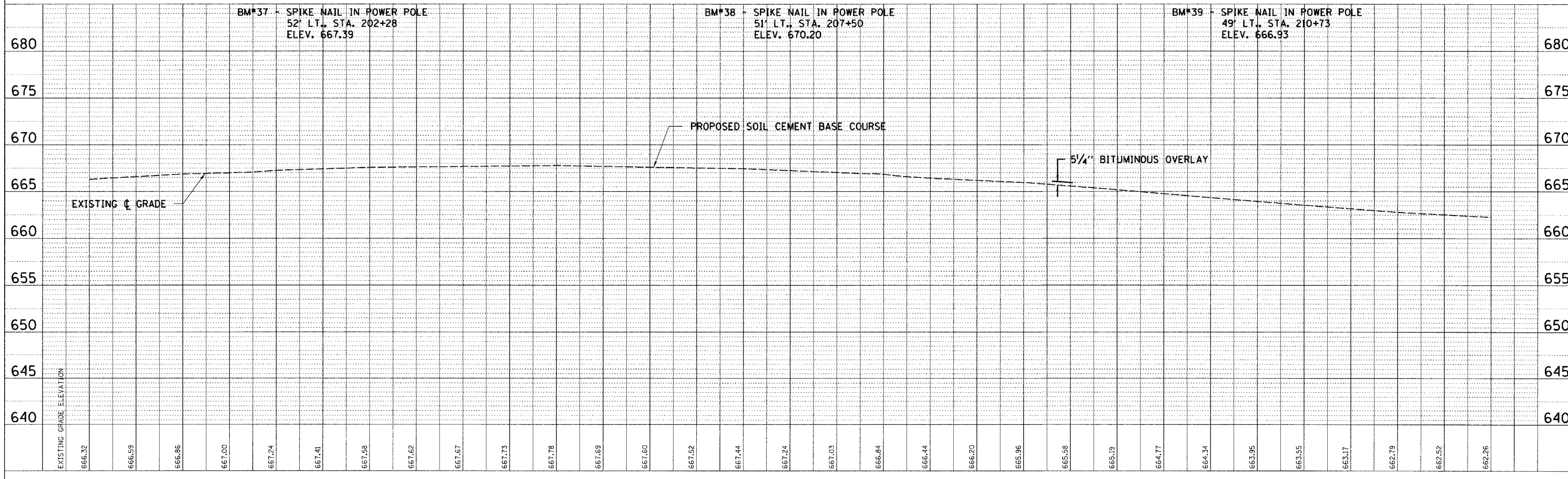


PLAN	DATE	BY
DESIGNED		
CHECKED		
PLOTTED		
NOTE BOOK		
NO.		

PROFILE	DATE	BY
DESIGNED		
CHECKED		
PLOTTED		
NOTE BOOK		
NO.		

JERRY B. LLOYD
SW¼, SEC 36, T. 12 N., R. 6 W., 3RD P.M.

DONALD HEARIW
NW¼, SE¼, SEC 36, T. 12 N., R. 6 W., 3RD P.M.



DEAN S. & NORMA LLOYD
 S 1/2, NE 1/4, SEC 36, T. 12 N., R. 6 W., 3RD P.M.

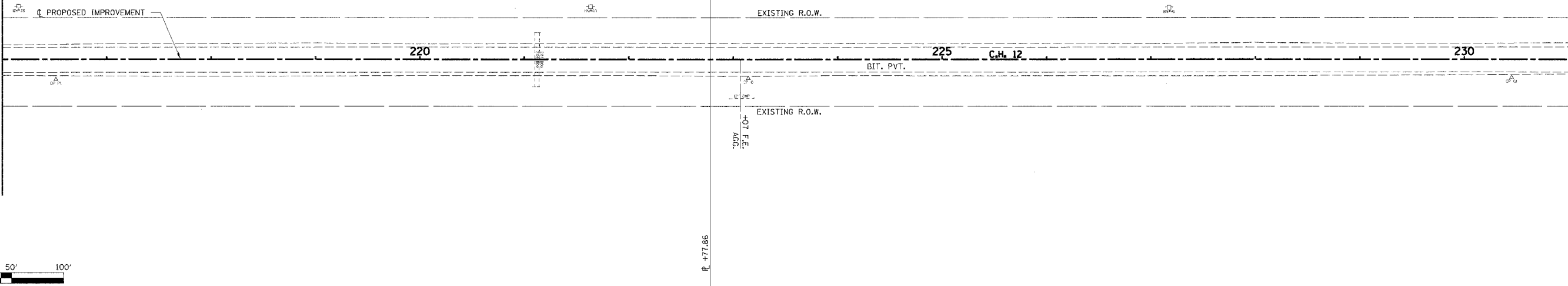
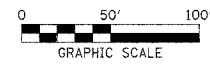
C.H.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12	00-00075-00-PV	MACOUPIN	37	25
STA. 216+00.00		TO STA. 231+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PLAN	REVIEWED	DATE
NO. AND REVISIONS	BY	
NOTE BOOK	PLOTTED	
NO. AND REVISIONS	ALIGNED	
NO. AND REVISIONS	CHECKED	
NO. AND REVISIONS	FILE NAME	



MATCH LINE STA. 216+00

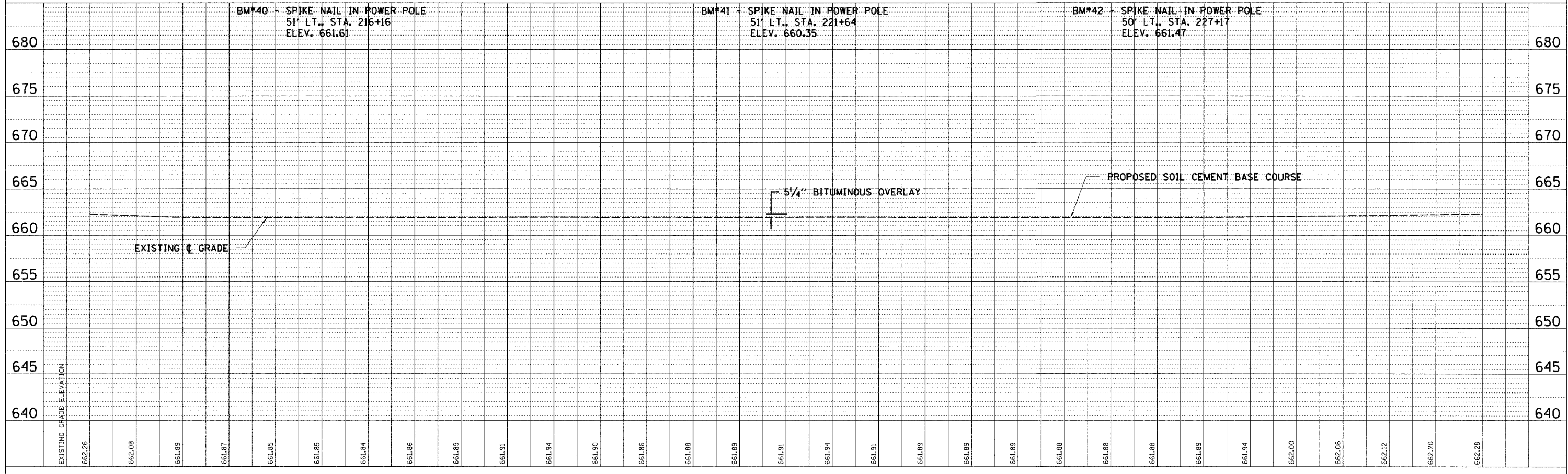
MATCH LINE STA. 231+00



DONALD HEARIN
 NW 1/4, SE 1/4, SEC 36, T. 12 N., R. 6 W., 3RD P.M.

HOWARD FINNEY
 E 1/2, SE 1/4, SEC 36, T. 12 N., R. 6 W., 3RD P.M.

PROFILE	REVIEWED	DATE
NO. AND REVISIONS	BY	
NO. AND REVISIONS	PLOTTED	
NO. AND REVISIONS	GRADES CHECKED	
NO. AND REVISIONS	STRUCTURE NOTATIONS CHECKED	



BM*40 - SPIKE NAIL IN POWER POLE
 51' LT., STA. 216+16
 ELEV. 661.61

BM*41 - SPIKE NAIL IN POWER POLE
 51' LT., STA. 221+64
 ELEV. 660.35

BM*42 - SPIKE NAIL IN POWER POLE
 50' LT., STA. 227+17
 ELEV. 661.47

EXISTING GRADE

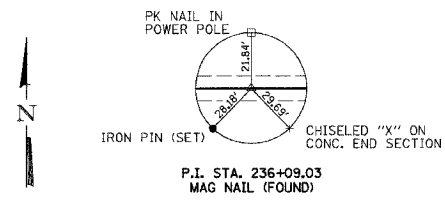
5 1/4" BITUMINOUS OVERLAY

PROPOSED SOIL CEMENT BASE COURSE

CH.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12	00-00075-00-PV	MACOUPIN	37	26
STA. 231+00.00		TO STA. 236+09.04		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

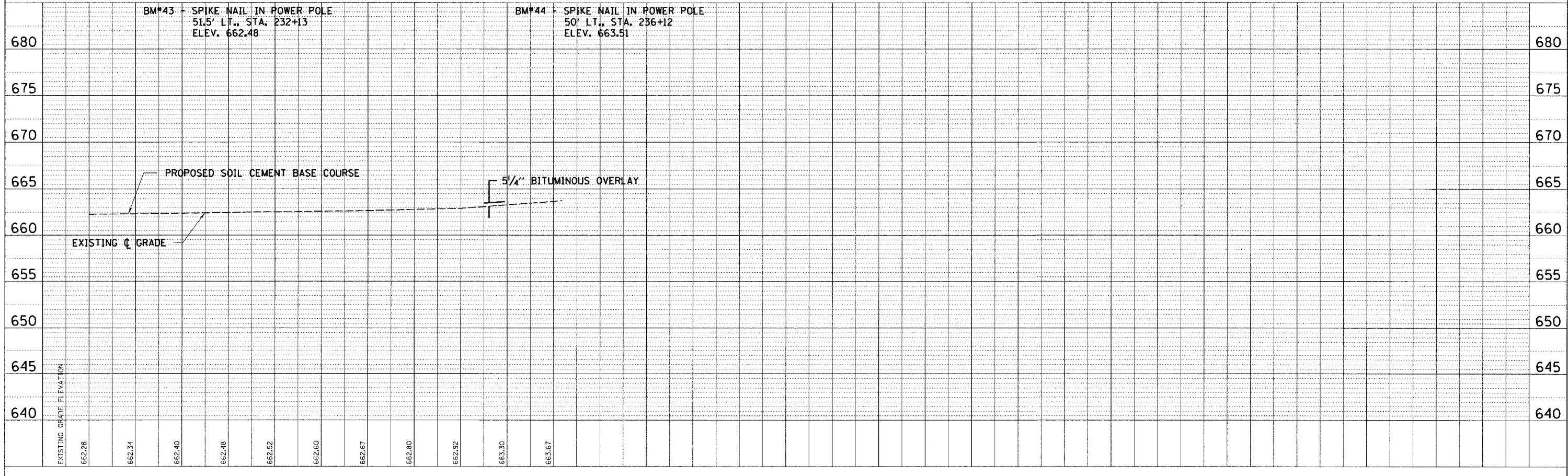
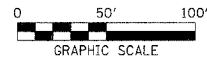
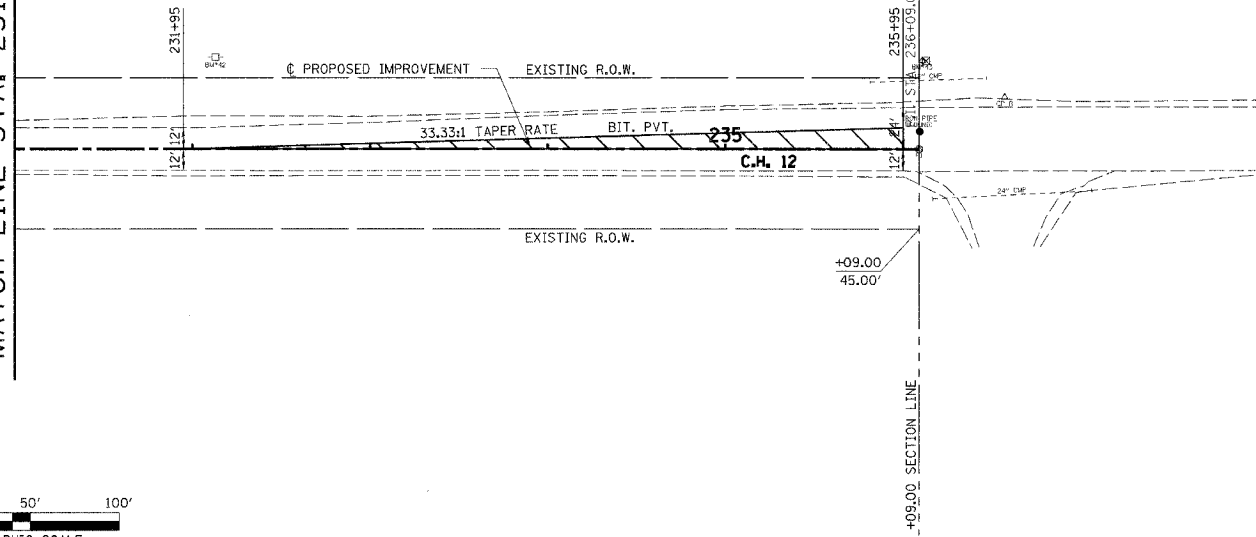
DATE	BY
10/17/04	...
DESIGNED	CHECKED
PLANNED	...
NOTE BOOK	...
NO. SHEETS	...

DATE	BY
...	...
DESIGNED	CHECKED
PLANNED	...
NOTE BOOK	...
NO. SHEETS	...

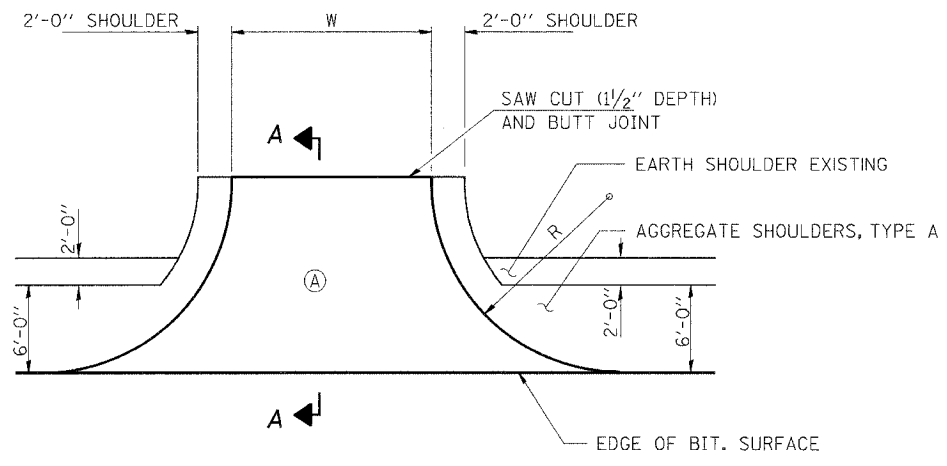


CURVE DATA
 P.I. STA. 236+09.03
 $\Delta =$
 NO CURVE

MATCH LINE STA. 231+00

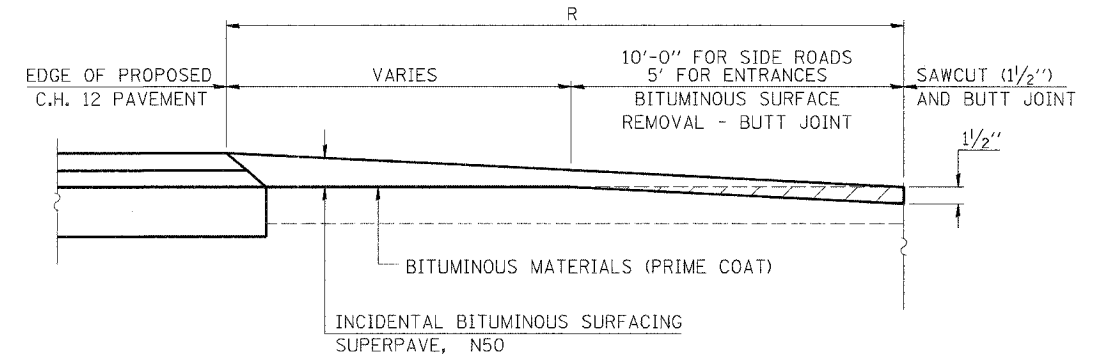


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 12	00-00075-00-PV	MACOUPIN	37	27
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

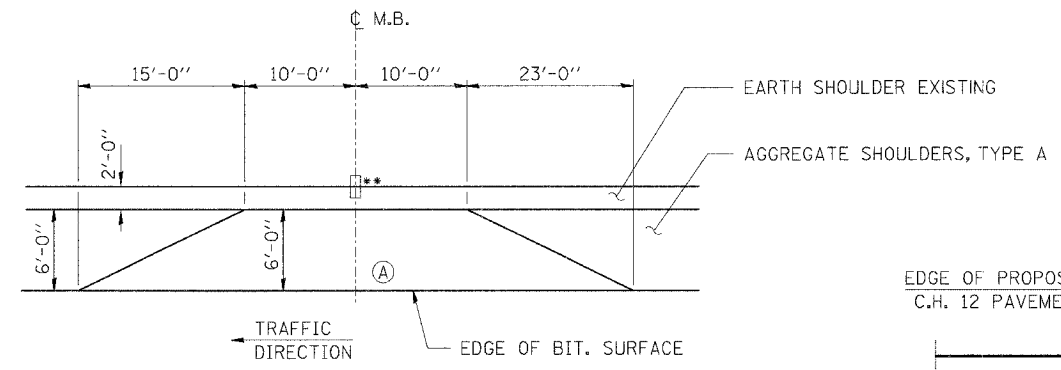


SIDE ROAD DETAIL

- RT STA 49+83 (BENSTEAD RD) R=30 W=20
- RT STA 103+32 (KREUS RD) R=50 W=24
- LT STA 103+36 (KIMES RD) R=50 W=24
- RT STA 182+94 (BOSTON CHAPEL RD) R=30 W=20
- LT STA 182+94 (BALL RD) R=30 W=20



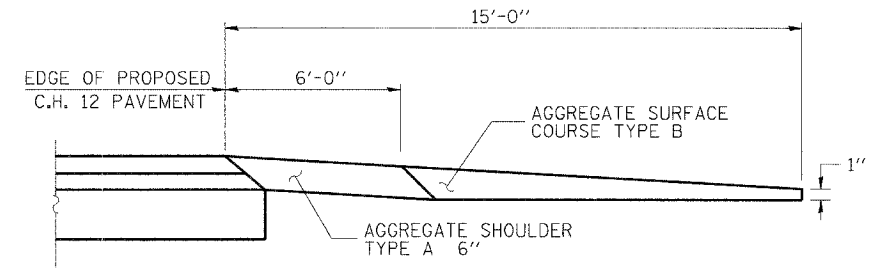
SECTION A-A



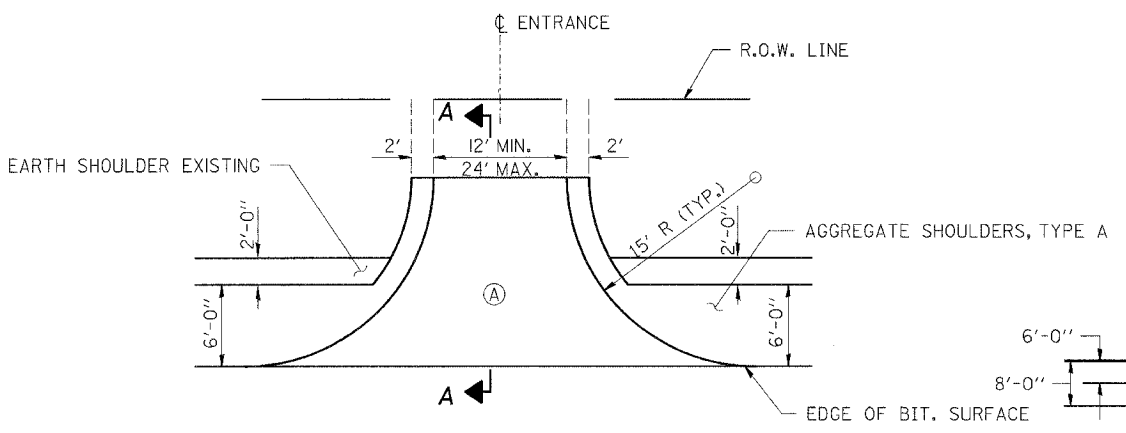
MAILBOX TURNOUT

- 6 LOCATIONS
- 150+30
- 116+89
- 153+00
- 180+14
- 178+54
- 202+18

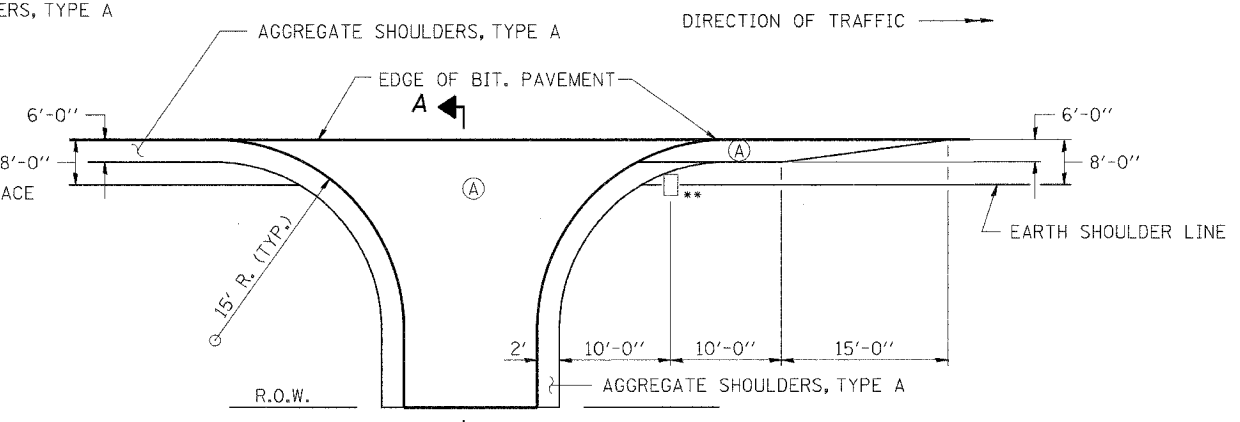
** MAILBOX POST SHALL BE PLACED 2 FEET FROM THE EDGE OF TURNOUT SURFACE



SECTION B-B



COMMERCIAL OR PRIVATE ENTRANCE DETAIL



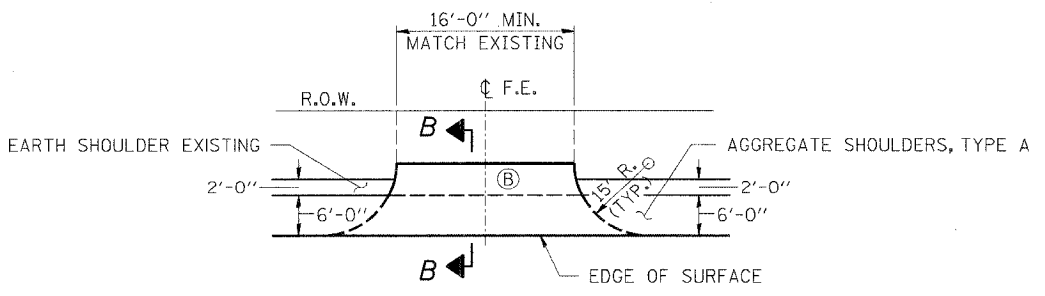
ENTRANCE WITH MAILBOX TURNOUT

- 5 LOCATIONS
- 121+42
- 171+48
- 193+30
- 200+74
- 209+78

NOTE: BITUMINOUS SURFACING ON SIDE ROAD AND SIDE STREET RETURNS SHALL BE BUTT JOINTED AS DIRECTED BY THE ENGINEER. QUANTITIES INCLUDED IN THOSE LISTED.

LEGEND

- (A) INCIDENTAL BITUMINOUS SURFACING (5/4" AND VARIES) BITUMINOUS MATERIALS (PRIME COAT)
- (B) AGGREGATE SURFACE COURSE, TYPE B. VARY THICKNESS FROM 6" AT EDGE OF AGGREGATE SHOULDER TO 1" AT END OF CONSTRUCTION.



FIELD ENTRANCE DETAIL

HLR

Rice, Berry and Associates
A Division of Hampton, Lenzini and Renwick, Inc.
Civil & Structural Engineers
801 S. Durkin Drive
Springfield, Illinois 62704
217-546-3400

Account Number: 03-61-0002-1
Date: 03/10/05

P.O. Box 1036
DuQuoin, Illinois 62832
618-790-4637

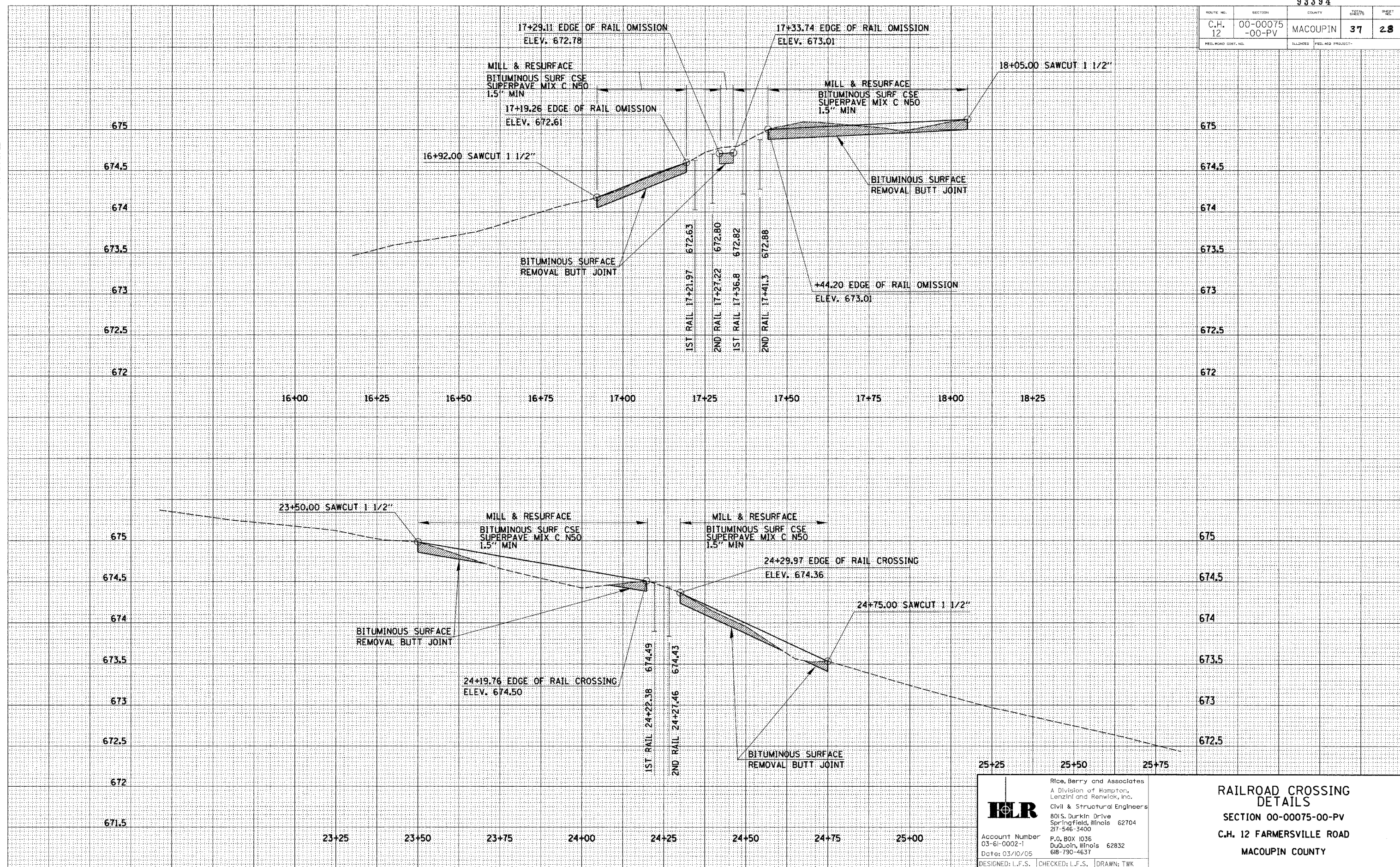
DESIGNED: L.F.S. CHECKED: DRAWN: W.J.S.

ROADWAY DETAILS
SECTION 00-00075-00-PV
C.H. 12 FARMERSVILLE ROAD
MACOUPIN COUNTY

ROUTE NO.	SECTION	COUNTY	SHEETS	SHEET
C.H. 12	00-00075-00-PV	MACOUPIN	37	28
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

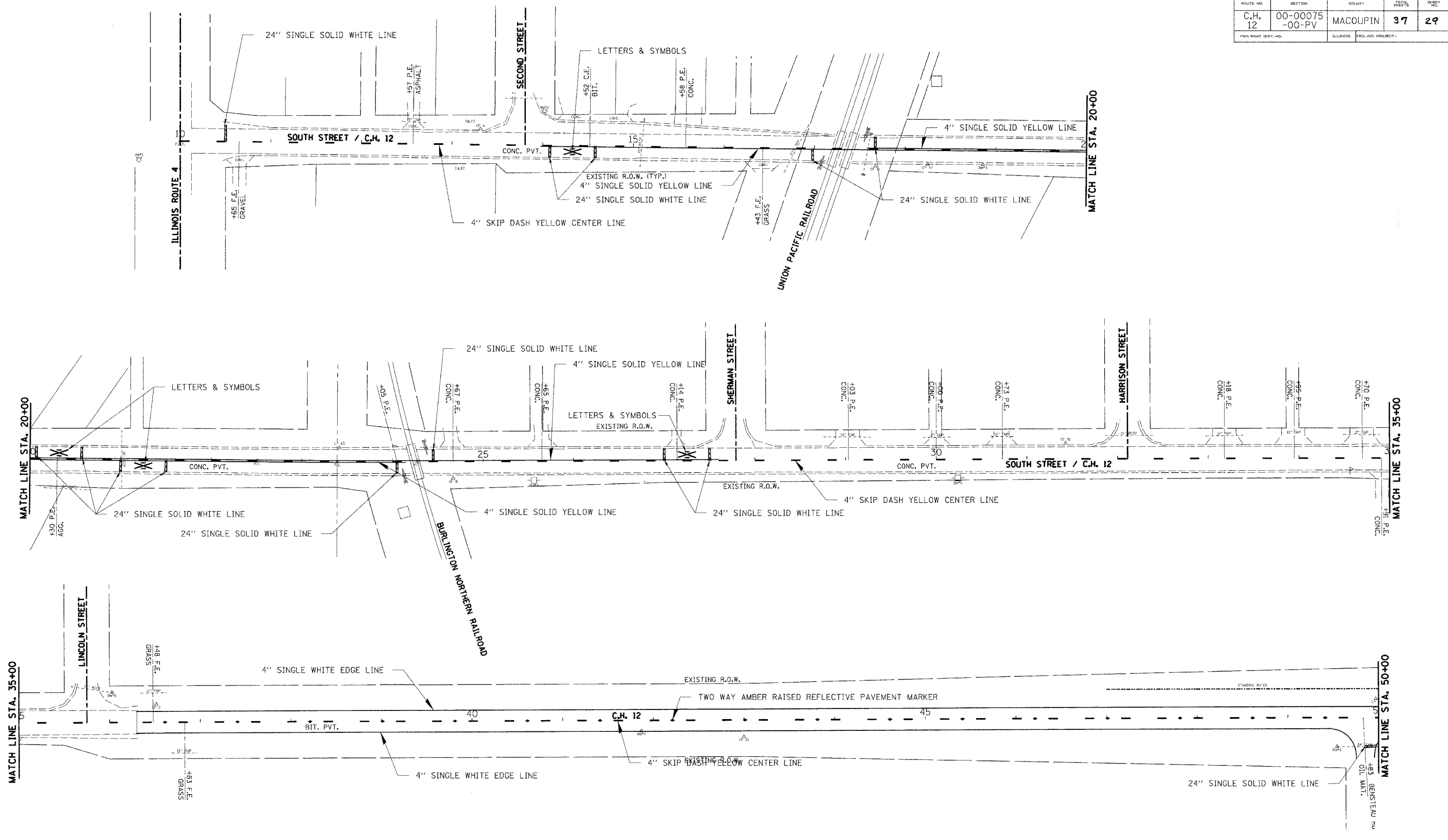
DATE
BY
ORIGINAL SURVEYED SURVEY
NOTE BOOK NO.
TEMPLATE AREAS CHECKED



HLR
Rice, Berry and Associates
A Division of Hampton, Lenzini and Renwick, Inc.
Civil & Structural Engineers
801 S. Durkin Drive
Springfield, Illinois 62704
217-546-3400
P.O. Box 1036
Dubuque, Illinois 62832
618-790-4637
Account Number: 03-61-0002-1
Date: 03/10/05
DESIGNED: L.F.S. CHECKED: L.F.S. DRAWN: TWK

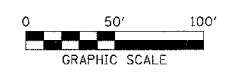
RAILROAD CROSSING DETAILS
SECTION 00-00075-00-PV
C.H. 12 FARMERSVILLE ROAD
MACOUPIN COUNTY

ROUTE NO.	SECTION	COUNTY	SHEET
C.H. 12	00-00075-00-PV	MACOUPIN	37 29
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT



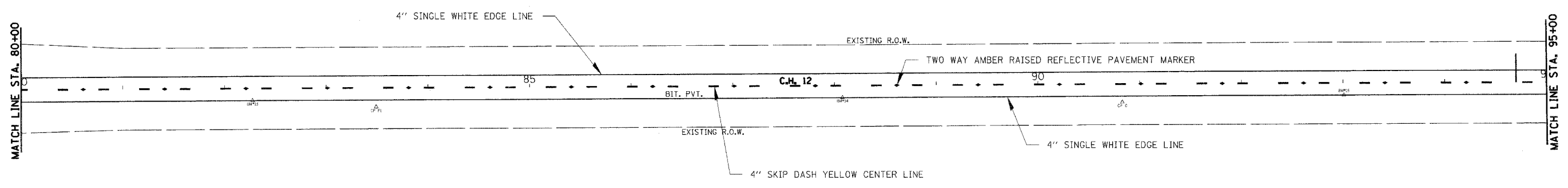
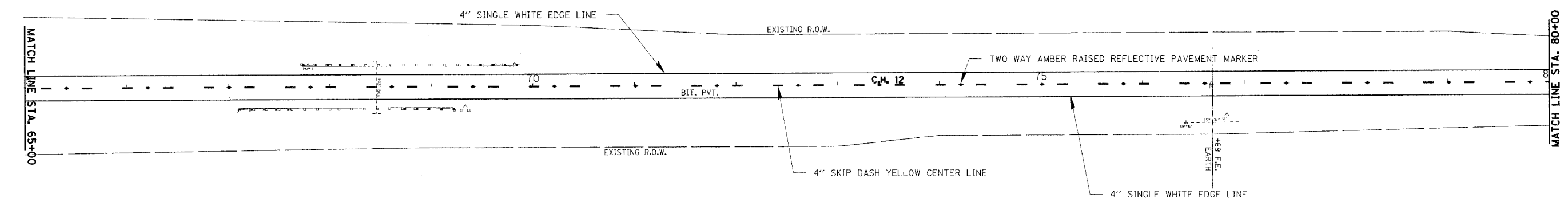
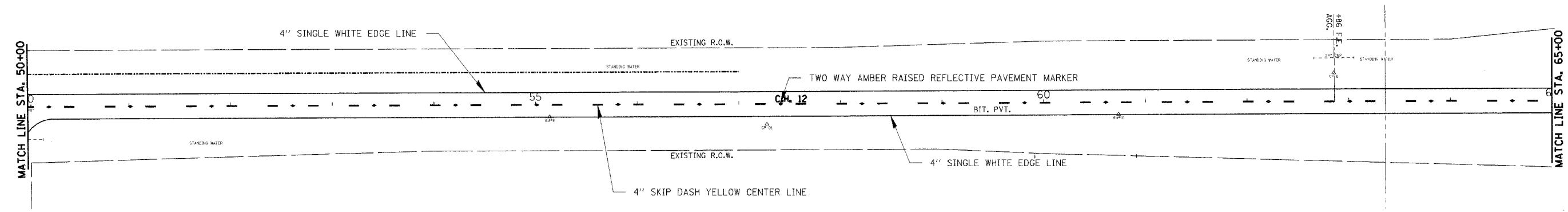
HLR
Rice, Berry and Associates
A Division of Hampton, Lenzini and Renwick, Inc.
Civil & Structural Engineers
801 S. Durkin Drive
Springfield, Illinois 62704
217-546-3400
P.O. Box 1036
DuQuoin, Illinois 62832
618-790-4637
Account Number: 03-61-0002-1
Date: 03/10/05
DESIGNED: L.F.S. CHECKED: L.F.S. DRAWN: TWK

PAVEMENT MARKING PLAN
SECTION 00-00075-00-PV
C.H. 12 FARMERSVILLE ROAD
MACOUPIN COUNTY



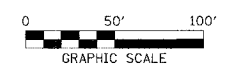
93394

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 12	00-00075-00-PV	MACOUPIN	37	30
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	



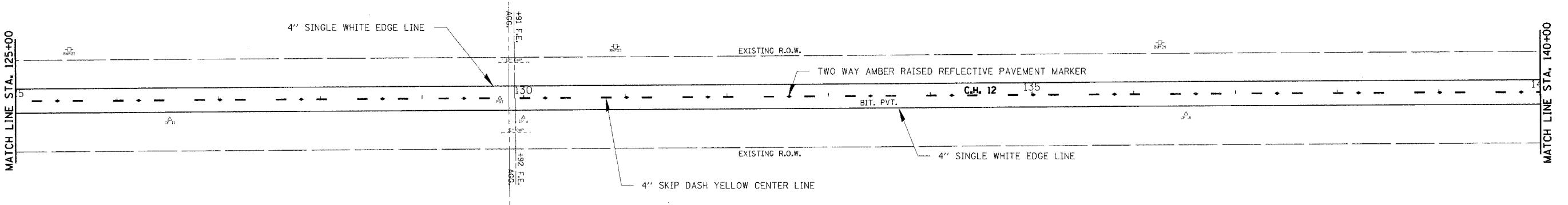
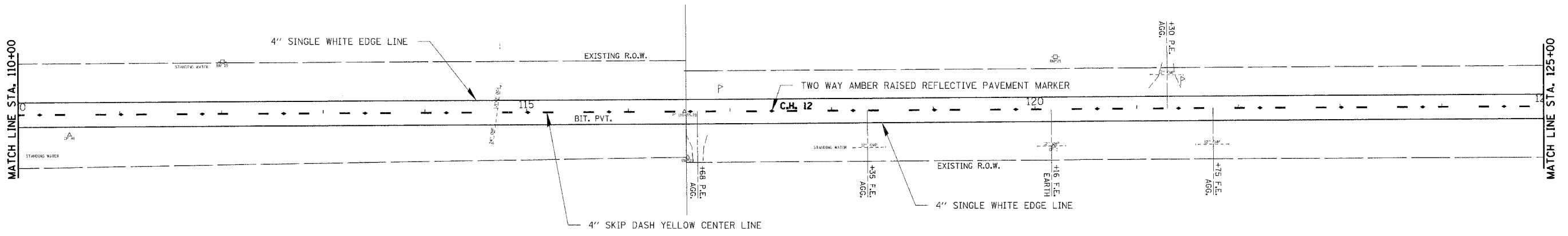
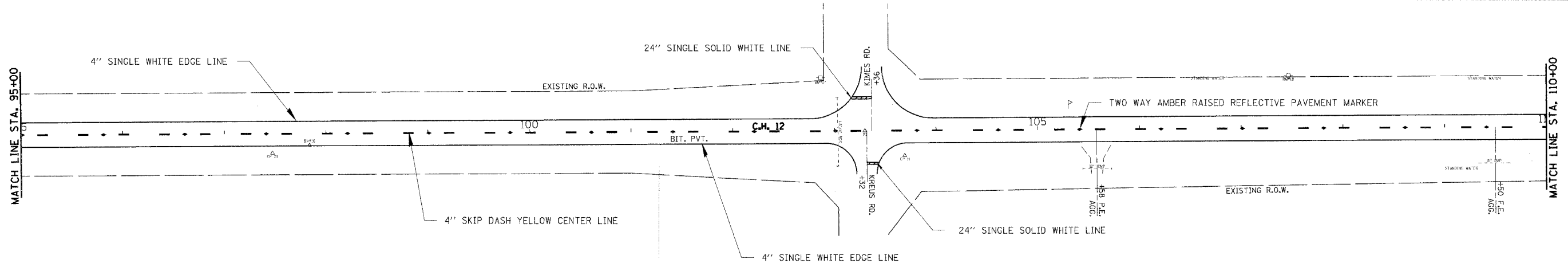
HLR
 Rice, Berry and Associates
 A Division of Hampton, Lenzini and Renwick, Inc.
 Civil & Structural Engineers
 801 S. Durkin Drive
 Springfield, Illinois 62704
 217-546-3400
 P.O. Box 1036
 DuQuoin, Illinois 62832
 618-790-4637

Account Number: 03-61-0002-1
 Date: 03/10/05
 DESIGNED: L.F.S. CHECKED: L.F.S. DRAWN: TWK



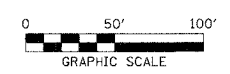
PAVEMENT MARKING PLAN
 SECTION 00-00075-00-PV
 C.H. 12 FARMERSVILLE ROAD
 MACOUPIN COUNTY

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
C.H. 12	00-00075-00-PV	MACOUPIN	37	31
FED. ROAD DIST. NO.		BLDG. NO.	FED. AID PROJECT	



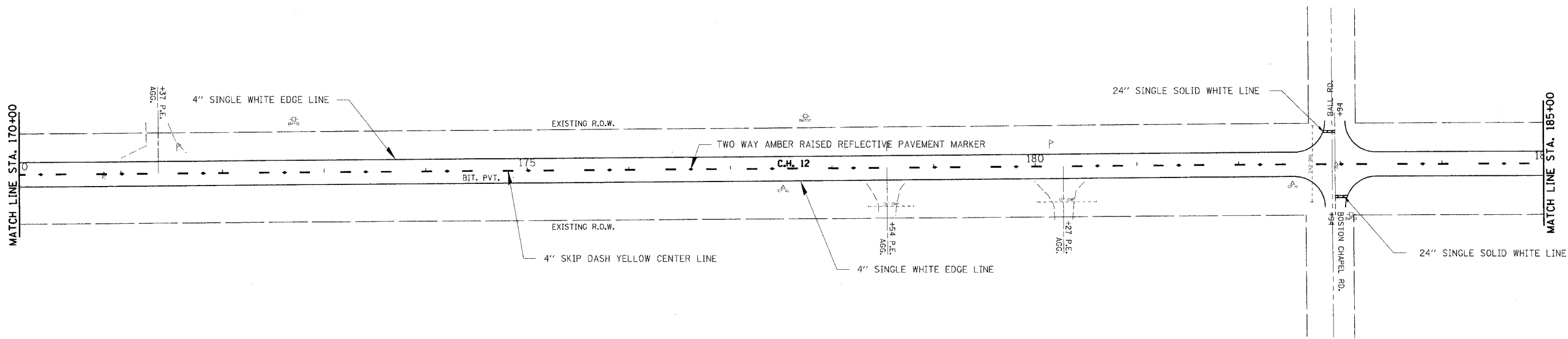
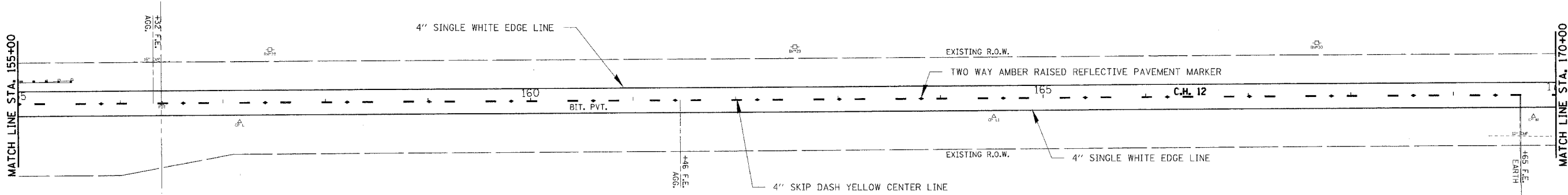
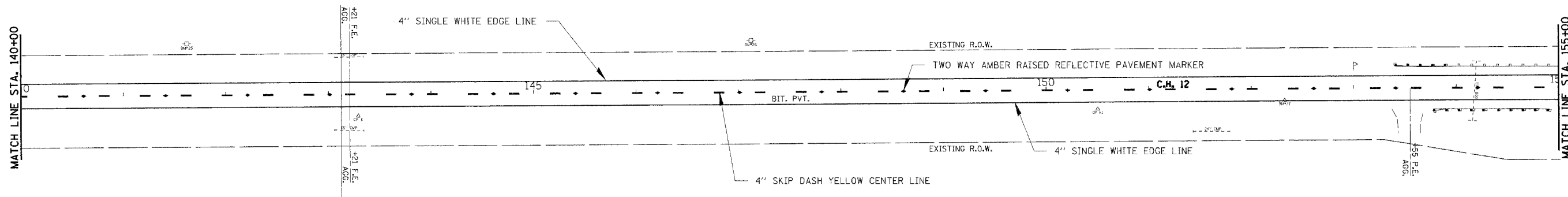
HLR
 Rice, Berry and Associates
 A Division of Hampton,
 Lenzini and Renwick, Inc.
 Civil & Structural Engineers
 801 S. Durkin Drive
 Springfield, Illinois 62704
 217-546-3400
 P.O. BOX 1036
 DuQuoin, Illinois 62832
 618-790-4637

**PAVEMENT
 MARKING PLAN**
 SECTION 00-00075-00-PV
 C.H. 12 FARMERSVILLE ROAD
 MACOUPIN COUNTY



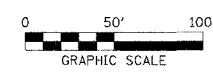
Account Number
 03-61-0002-1
 Date: 03/10/05
 DESIGNED: L.F.S. CHECKED: L.F.S. DRAWN: TWK

ROUTE NO.	SECTION	COUNTY	SHEET	TOTAL SHEETS
C.H. 12	00-00075-00-PV	MACOUPIN	37	32
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

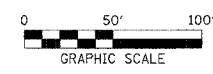
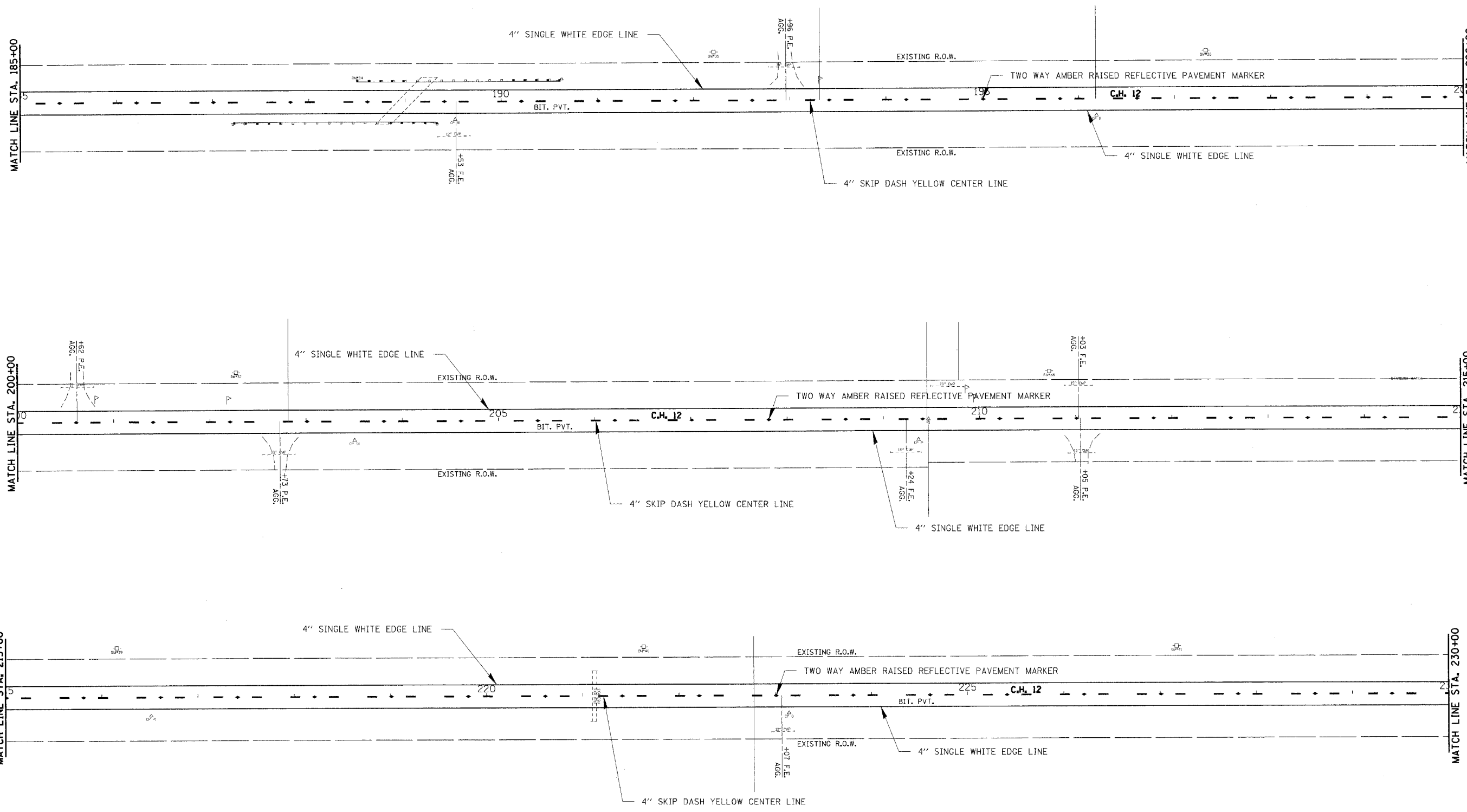


HLR
 Rice, Berry and Associates
 A Division of Hampton, Lenzini and Renwick, Inc.
 Civil & Structural Engineers
 801 S. Durkin Drive
 Springfield, Illinois 62704
 217-546-3400
 P.O. Box 1036
 DuQuoin, Illinois 62832
 618-730-4637
 Account Number 03-61-0002-1
 Date: 03/10/05
 DESIGNED: L.F.S. CHECKED: L.F.S. DRAWN: TWK

PAVEMENT MARKING PLAN
 SECTION 00-00075-00-PV
 C.H. 12 FARMERSVILLE ROAD
 MACOUPIN COUNTY



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 12	00-00075-00-PV	MACOUPIN	37	33
FED. ROAD DIST. NO.	ADDRESS	FED. AID PROJECT		



HLR
 Rice, Berry and Associates
 A Division of Hampton, Lenzini and Renwick, Inc.
 Civil & Structural Engineers
 801 S. Durkin Drive
 Springfield, Illinois 62704
 217-546-3400
 Account Number: 03-61-0002-1
 Date: 03/10/05
 P.O. BOX 1036
 DuQuoin, Illinois 62832
 618-790-4637
 DESIGNED: L.F.S. CHECKED: L.F.S. DRAWN: TWK

PAVEMENT MARKING PLAN
 SECTION 00-00075-00-PV
 C.H. 12 FARMERSVILLE ROAD
 MACOUPIN COUNTY

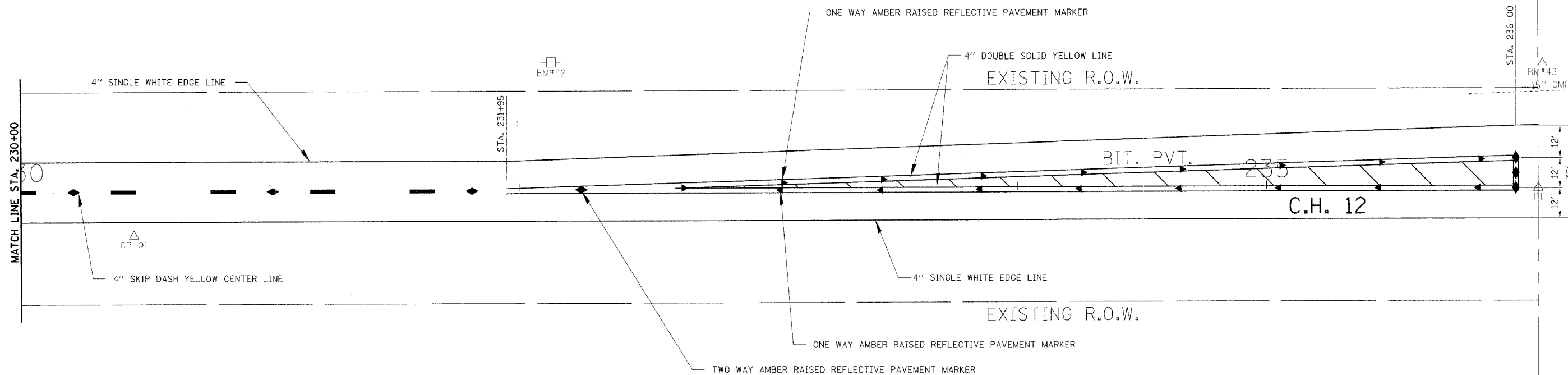
ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
C.H. 12	00-00075-00-PV	MACOUPIN	37	34
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CURVE DATA

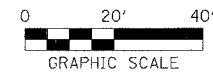
P.I. STA. 236+09.03

Δ =

NO CURVE



BIT. PVT. 235
C.H. 12



HLR
Rice, Berry and Associates
A Division of Hampton,
Lenzini and Renwick, Inc.
Civil & Structural Engineers
801 S. Durkin Drive
Springfield, Illinois 62704
217-546-3400
P.O. BOX 1036
DuQuoin, Illinois 62832
618-730-4637
Account Number
03-61-0002-1
Date: 03/10/05
DESIGNED: L.F.S. | CHECKED: L.F.S. | DRAWN: TWK

PAVEMENT MARKING PLAN
SECTION 00-00075-00-PV
C.H. 12 FARMERSVILLE ROAD
MACOUPIN COUNTY

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
C.H. 12	00-00075 -00-PV	MACOUPIN	37	35
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

GENERAL NOTES FOR SOIL EROSION CONTROL

- SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
- PERIMETER EROSION BARRIER SHALL BE INSTALLED AT LOCATIONS SPECIFIED IN THE PLANS AT 4 FEET OUTSIDE THE TOE OF SLOPE OR INSIDE THE RIGHT-OF-WAY WHICHEVER IS CLOSER TO THE CENTERLINE, OR AS DIRECTED BY THE ENGINEER PRIOR TO THE START OF ANY EARTHWORK, CULVERT, OR STORM SEWER CONSTRUCTION. STAKES SHALL BE PLACED AT A MINIMUM OF 4 FOOT INTERVALS. SEE CODE 920 OF THE ILLINOIS URBAN MANUAL AND CONTRACT SPECIAL PROVISIONS.
- THE PERIMETER EROSION BARRIER SHALL BE REMOVED WITHIN 30 DAYS AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED WITH VEGETATION. AFTER THE PERIMETER EROSION BARRIER IS REMOVED, ALL AREAS DAMAGED BY THE FENCE INSTALLATION RESTORED.
- THE FENCE INSTALLATION, MAINTENANCE, REMOVAL AND THE RESTORATION OF THE AREA DISTURBED BY THE FENCE INSTALLATION IS INCLUDED IN COST OF THE PAY ITEM PERIMETER EROSION BARRIER.
- TEMPORARY DITCH CHECKS SHALL BE CONSTRUCTED AS PER CONTRACT SPECIAL PROVISIONS OR AS SHOWN HEREON OR AS DIRECTED BY THE ENGINEER. THE DITCH CHECK SPACING IS BASED ON 1.5' HIGH DITCH CHECKS WITH A MAXIMUM SPACING DISTANCE OF 150' AT OR LESS THAN A 1% DITCH SLOPE. THE DITCH CHECKS SHALL BE INSTALLED IMMEDIATELY AS GRADING PROGRESSES THROUGH THE PROJECT. THE PAY ITEM FOR TEMPORARY DITCH CHECK SHALL INCLUDE THE COST OF INSTALLATION, MAINTENANCE AND REMOVAL.
- REMOVAL OF TRAPPED SEDIMENT SHALL BE PAID FOR AS EARTH EXCAVATION. SEDIMENT SHALL BE REMOVED WHEN SILTATION REACHES 50% CAPACITY OF STRUCTURE. SEE APPLICABLE STANDARDS, SPECIFICATIONS, AND CONTRACT SPECIAL PROVISIONS FOR EROSION AND SEDIMENT CONTROL, ILLINOIS URBAN MANUAL.
- THE CONTRACTOR SHALL CLEAN UP AND GRADE THE WORK AREA AS THE PROJECT PROGRESSES TO ELIMINATE THE CONCENTRATION OF RUNOFF. THE PAVEMENT SHALL BE CLEANED DAILY TO REMOVE EARTH MATERIAL TO THE SATISFACTION OF THE ENGINEER.
- ALL DISTURBED AREAS SHALL BE SEEDED AS DIRECTED BY THE ENGINEER. FINAL SEEDING SHALL CONFORM TO SEEDING CLASS 2 SPECIAL AS PER IDOT STANDARD SPECIFICATIONS AND CONTRACT SPECIAL PROVISIONS.
- THE CONTRACTOR SHALL MAINTAIN AND PRESERVE ANY EXISTING SUB SURFACE DRAINAGE SYSTEMS (I.e. FIELD TILES) ACCORDING TO SECTION 611 OF THE IDOT STANDARD SPECIFICATIONS.

INLET AND PIPE PROTECTION	
LOCATION	EACH
LT STA 62+60.00	1
LT STA 114+70.00	1
TOTAL	2

TEMPORARY DITCH CHECKS	
LOCATION	EACH
LT STA 47+50.00	1
LT STA 49+00.00	1
LT STA 50+50.00	1
LT STA 52+00.00	1
LT STA 53+50.00	1
LT STA 55+00.00	1
LT STA 56+00.00	1
LT STA 64+00.00	1
LT STA 106+00.00	1
LT STA 107+50.00	1
LT STA 109+00.00	1
LT STA 110+50.00	1
LT STA 112+00.00	1
LT STA 113+00.00	1
TOTAL	14

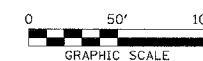
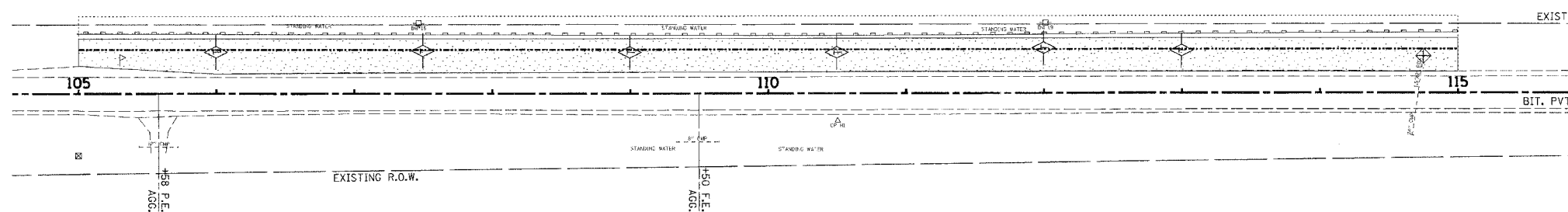
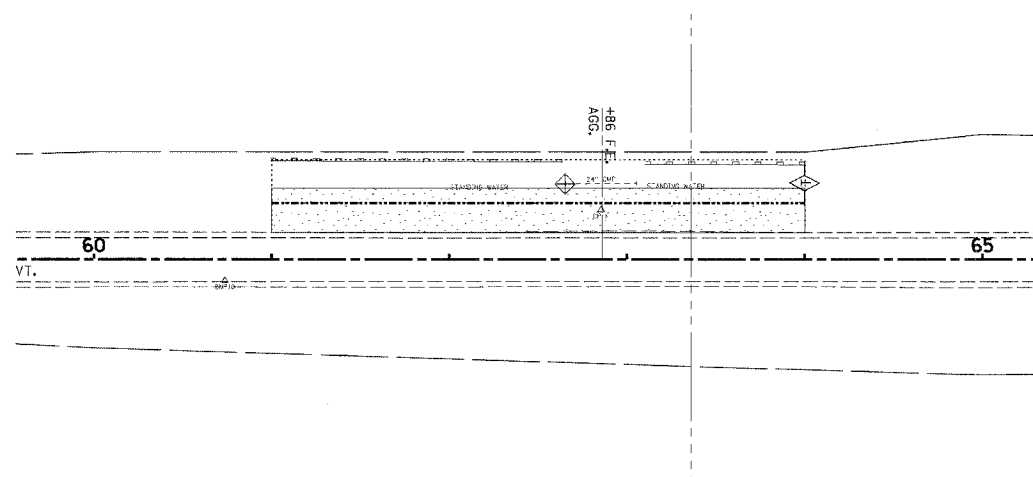
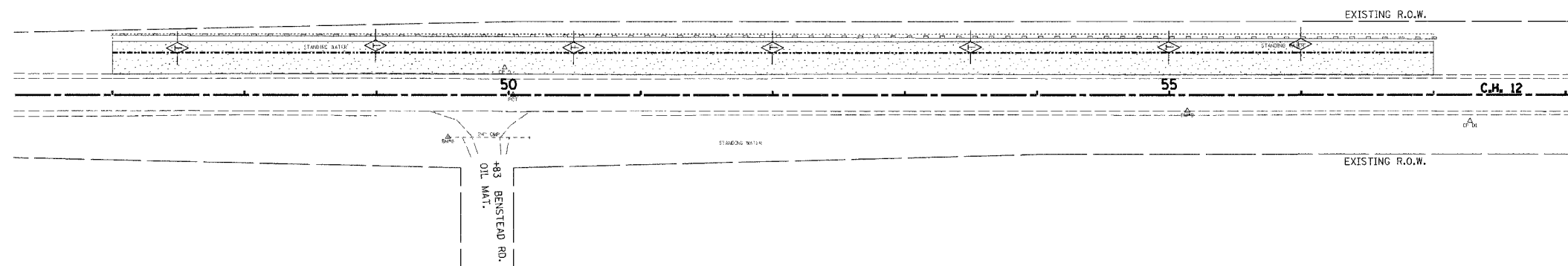
PERIMETER EROSION BARRIER	
LOCATION	FOOT
LT STA 47+00.00 TO LT 57+00.00	1,000
LT STA 61+00.00 TO LT 64+00.00	300
LT STA 105+00.00 TO 114+74.00	974
TOTAL	2,274

HLR
 Rice, Berry and Associates
 A Division of Hampton, Lenzini and Renwick, Inc.
 Civil & Structural Engineers
 801 S. Durkin Drive
 Springfield, Illinois 62704
 217-546-3400
 P.O. BOX 1036
 DuQuoin, Illinois 62832
 618-790-4637
 Account Number 03-61-0002-1
 Date: 03/10/05
 DESIGNED: L.F.S. | CHECKED: L.F.S. | DRAWN: W.J.S.

EROSION CONTROL PLAN
SECTION 00-00075-00-PV
C.H. 12 FARMERSVILLE ROAD
MACOUPIN COUNTY

93394

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET TOTAL
C.H. 12	00-00075 -00-PV	MACOUPIN	37	36
FED. ROAD DIST. NO.		BILLING# FED. AID PROJECT#		



LEGEND

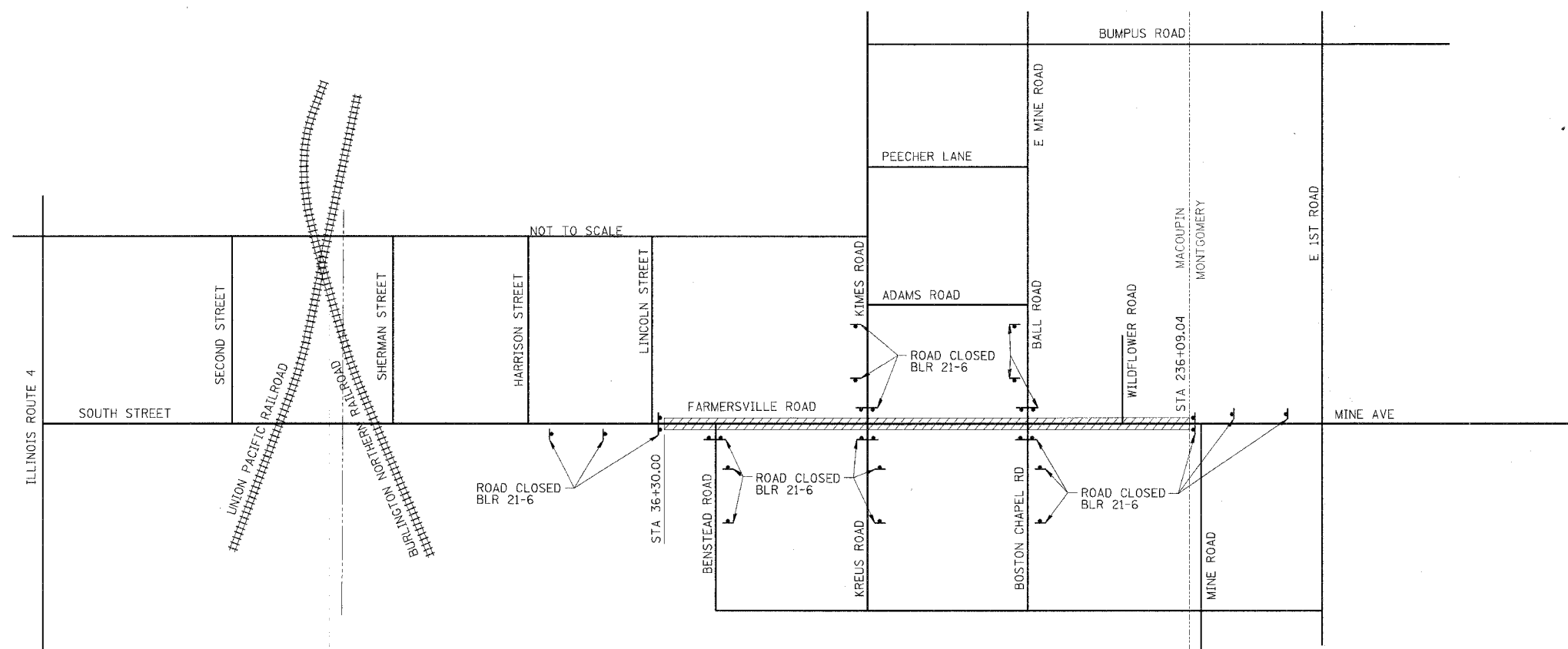
- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- INLET AND PIPE PROTECTION
- SEEDING CLASS 2 (SPECIAL)

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93394

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
C.H. 12	00-00075 -00-PV	MACOUPIN	37	37
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



NOTES

1. THE ABOVE NOTED WORK, INCLUDING SIGNS, POSTS, HARDWARE, AND LABOR SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE, LUMP SUM, FOR TRAFFIC CONTROL AND PROTECTION, NO OTHER COMPENSATION WILL BE ALLOWED.
- //// ROAD CLOSED TO THRU TRAFFIC

	Rice, Berry and Associates A Division of Hampton, Lenzini and Renwick, Inc. Civil & Structural Engineers 801 S. Durkin Drive Springfield, Illinois 62704 217-546-3400	ROAD CLOSURE & TRAFFIC CONTROL SECTION 00-00075-00-PV C.H. 12 FARMERSVILLE ROAD MACOUPIN COUNTY
	Account Number 03-61-0002-1 Date: 03/10/05	
DESIGNED: L.F.S.		CHECKED: L.F.S.
		DRAWN: W.J.S.