

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	74	1

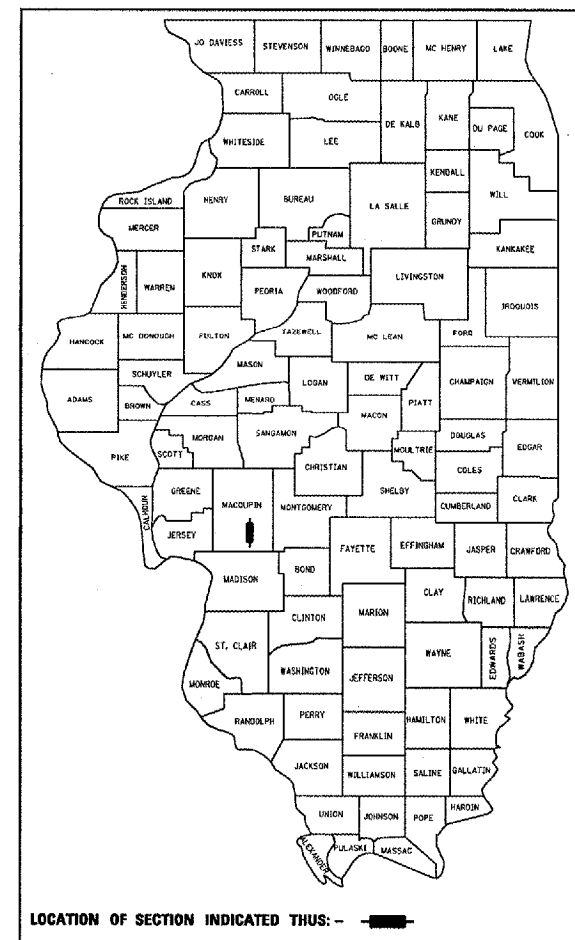
• 10Z (RS-1); (V,T) RS-2; S(RS-4)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE:662 (IL 4)
SECTION: 10Z(RS-1); (V,T) RS-2; S(RS-4)
PROJECT NO: F-0662(057)
MACOUPIN COUNTY

D-96-520-02



INDEX OF SHEETS

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STANDARDS

- 000001-04 701001-01
- 280001-02 701006-02
- 442101-05 701011-01
- 442201-01 701201-02
- 606101-01 701301-02
- 606306-01 701306-01
- 630001-05 701311-02
- 701326-02
- 701501-03
- 701701-04
- 702001-05
- 720006
- 780001-01
- 781001-02
- BLR-21-0



C-96-504-05

PROJECT BEGINS
PART A
STA. 98 + 45.93

STATION EQUATION
STA 127 + 23.28 (BK) =
STA 0 + 00.00 (AH)

STATION EQUATION
STA 5 + 86.59 (IL 4 /IL 108) =
STA 129 + 96.00 (IL 4)

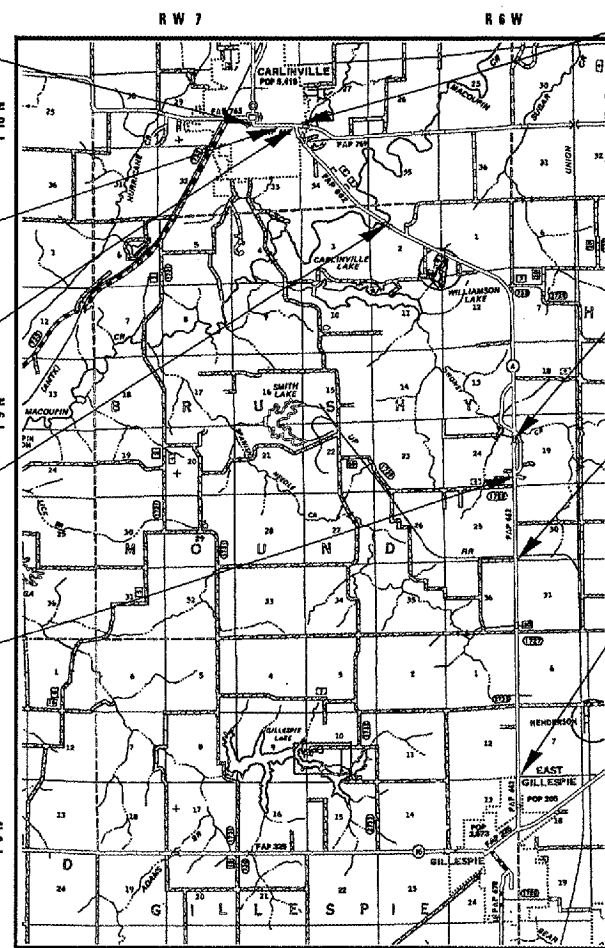
BRIDGE OMISSION
SN 059-0007
STA 220 + 92.25 TO
STA 225 + 11.58

STATION EQUATION
STA. 478 + 00.00 (BACK) =
STA. 259 + 79.19 (AHEAD)

END PROJECT
PART A
STA. 478 + 00.00(BK)

END PROJECT
PART B
STA. 259 + 79.19(BK)

AVERAGE DAILY TRAFFIC: 4500 (2003)
SU: 150
MU: 225

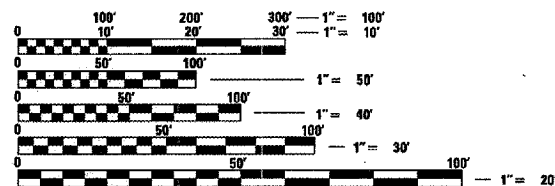


STA 7 + 62.45
(FAP 769, IL 108)
LIMITS OF IMPROVEMENT

PROJECT OMISSION
STA 446 + 45.00
TO STA 447 + 63.00

RAILROAD OMISSION
STA 201 + 90.00
TO STA 202 + 00.00

BEGIN PROJECT
PART B
STA. 38 + 00.00



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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED: March 31, 2005
Chris M. Reed DISTRICT ENGINEER

May 13, 2005
Mike Hene ENGINEER OF DESIGN AND ENVIRONMENT

May 13, 2005
Victor Modler DIRECTOR, DIVISION OF HIGHWAYS

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

LAYOUT MAP

GROSS LENGTH OF PROJECT = 60,622.99 FT. = 11.482 MI.
NET LENGTH OF PROJECT = 60,075.66 FT. = 11.378 MI.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	*	MACOUPIN	74	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* 102(RS-1)(V,T) R-2; SRS-4)

GENERAL NOTES

- ALL ELEVATIONS SHOWN IN THE PLANS ARE U. S. G. S. MEAN SEA LEVEL DATUM.
- ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERRUPTED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS SHOWN IN THE PLANS.
- THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NORMAL THICKNESS. DEVIATIONS FROM THE NORMAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLIABLE CONDITION. AREAS TO BE SEEDED SHALL BE DETERMINED BY THE ENGINEER.
- EXISTING PAVEMENT DAMAGED DUE TO THE CONTRACTOR'S OPERATIONS, AND NOT OTHER WISE NECESSARY TO REPLACE, SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- THE LOCATIONS OF THOSE BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINE IN ARTICLE 107.26 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 800-892-0123. A MINIMUM OF FORTY-EIGHT HOURS ADVANCED NOTICE IS REQUIRED.
- THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF RIGHT-OF-WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARDS SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN TH COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION IF THE ENGINEER DECIDES TO HAVE THE CONTRACTOR RESET THE MONUMENT, THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.
- NO PASSING ZONES SHALL BE FEILD VERIFIED BY DAVE BERTETTO, DIST. 6, (217)785-0288, 14 DAYS PRIOR TO FINAL PAVEMENT MARKINGS.
- THE FOLLOWING APPLICATION RATES WERE USED FOR QUANTITY CALCULATIONS.

BITUMINOUS SURFACE COURSE,	0.056 TON / SQ YD • IN
AGGREGATE SHOULDERS	2.05 TON / CU YD
BITUMINOUS MATERIAL (PRIME COAT)	0.00038 TON / SQ YD
NITROGEN	90 LBS / ACRE
PHOSPHOROUS	90 LBS / ACRE
POTASSIUM	90 LBS / ACRE
LIMESTONE	2 TON / ACRE
MULCH	2 TON / ACRE
TEMPORARY EROSION CONTROL SEEDING	100 LB / ACRE
RIPRAP	1.50 TON / CU YD

- THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.

MIXTURE USE	Polymer Bituminous Surface X4066526 IL 4/ IL 108 (Carlinville square to IL4/ IL 108 Int. (2-12 Lanes))	Bituminous Surface X4066414 IL 4/ IL 108 (Parking Lanes - outside of the 2-12 Lanes)	Bituminous Surface X4066424 IL 4 (IL4/ IL 108 Int. to Gillespie)	Level Binder X4066765 IL 4 (IL4/ IL 108 Int. to Gillespie)	Bituminous Base Course Widening X3560140	Bituminous Shoulders 48202000 48202600	Incidental Bituminous Surface X4080020
AC/PG	SBS 70-22	PG 64-22	PG 64-22	PG 64-22	PG 58-22	PG 58-22	PG 64-22
RAP % (MAX)	0%	15%	15%	15%	15%	20%	15%
DESIGN AIR VOIDS	4.0 @ N Design = 70	4.0 @ N Design = 50	4.0 @ N Design = 50	4.0 @ N Design = 50	2.0 @ N Design = 50	2.0 @ N design = 30	4.0 @ N design = 50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR 12.5	IL 9.5 OR 12.5	IL 9.5 OR 12.5	IL 9.5	BAM Mix	BAM Mix	IL 9.5 or 12.5
FRICITION AGGREGATE	Mix "D"	Mix "C"	Mix "D"	N/A	N/A	N/A	Mix "C"

COMMITMENTS

- THE FIELD/RESIDENT ENGINEER SHALL CONTACT STUDIES & PLANS CONCERNING ANY MAJOR PLAN CHANGES TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN AND ALLOW AN IMPROVED DESIGN FOR FUTURE PROJECTS.
- AGREEMENT WITH CITY OF CARLINVILLE (PARKING LANES).
- SWPPP.
- 6500 TONS OF COLD MILLING MATERIAL SHALL BE SALVAGED AND STOCKPILED ON THE JOBSITE FOR USE BY DIST. 6 MAINTENANCE SECTION. CONTACT ERIC FRITZ, (217) 710-1053, FOR DETAILS.

DISTRICT SIX

EXAMINED March 30 2005
David J. Hoar
OPERATIONS ENGINEER

EXAMINED March 29 2005
W.R. Frey
PROGRAM IMPLEMENTATION ENGINEER

EXAMINED MARCH 31 2005
William E. M...
PROGRAM DEVELOPMENT ENGINEER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES & COMMITMENTS

SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY BOK
 CHECKED BY _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	74	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* 10Z (RS-1); (V,T) RS-2; S(RS-4)

SUMMARY OF QUANTITIES		UNITS	TOTAL QUANTITY	CONSTR. CODE	CONSTR. CODE	CONSTR. CODE	CONSTR. CODE
PAY CODE NUMBER	PAY ITEM DESCRIPTION						
					URBAN	URBAN	URBAN
					RURAL ROADWAY 1000 80% FED 20% STATE	CITY ROADWAY 1000 80% FED 20% STATE	CITY PARKING LANES
						Y025 50% STATE 50% CITY	5FTY-1B 100% CITY
							CITY C & G AND S.W.
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	31	31	-	-	-
20200100	EARTH EXCAVATION	CU YD	50	50	-	-	-
20200520	EARTH EXCAVATION (WIDENING)	UNIT	13.8	13.8	-	-	-
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	1,072.2	1,016.8	55.4	-	-
20200700	EXCAVATING AND GRADING EXISTING SHOULDER, SPECIAL	UNIT	36.1	30.5	5.6	-	-
20201006	GRADING AND SHAPING SHOULDERS	UNIT	6.4	-	6.4	-	-
20400800	FURNISHED EXCAVATION	CU YD	604	604	-	-	-
21400110	GRADING AND SHAPING DITCHES	UNIT	34	34	-	-	-
25000200	SEEDING, CLASS 2	ACRE	5.3	4.9	0.4	-	-
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	476	444	32	-	-
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	476	444	32	-	-
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	476	444	32	-	-
25000700	AGRICULTURAL GROUND LIMESTONE	TON	10.6	9.9	0.7	-	-
25100115	MULCH, METHOD 2	ACRE	4.7	4.3	0.4	-	-
25101005	HEAVY DUTY EXCELSIOR BLANKET	SQ YD	2,733	2,733	-	-	-
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,000	950	50	-	-

PLOT DATE = 3/31/2005
 PLOT SCALE = 80' AS SHOWN
 REFERENCE = MRF#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

FAP 662
SECTION (V, TIR-2; S-RS-3; B-2)
MACOUPIN COUNTY

SCALE: VERT. DATE
 HORIZ. DATE

DRAWN BY
CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	79	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 102 (RS-1); (V,T) RS-2; SRS-4)				

SUMMARY OF QUANTITIES		UNITS	TOTAL QUANTITY	CONSTR. CODE	CONSTR. CODE	CONSTR. CODE	CONSTR. CODE
PAY CODE NUMBER	PAY ITEM DESCRIPTION						
					URBAN	URBAN	URBAN
						Y025	5F74-1B
				RURAL ROADWAY 1000 80% FED 20% STATE	CITY ROADWAY 1000 80% FED 20% STATE	CITY PARKING LANES 50% STATE 50% CITY	CITY C & G AND S.W. 100% CITY
28001000	AGGREGATE EROSION CONTROL	TON	40	40	-	-	-
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	270	270	-	-	-
28100825	STONE DUMPED RIPRAP, CLASS B3	TON	300	300	-	-	-
28200200	FILTER FABRIC	SQ YD	540	540	-	-	-
35800100	PREPARATION OF BASE	SQ YD	2,320	1,910	410	-	-
35800200	AGGREGATE BASE REPAIR	TON	64	57	7	-	-
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	100	92	8	-	-
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	64	55	8	1.0	-
40600300	AGGREGATE (PRIME COAT)	TON	332.8	286.4	41.0	5.4	-
40600895	CONSTRUCTING TEST STRIP	EACH	2	2	-	-	-
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	2,276	1,461	815	-	-
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	573	460	113	-	-
40600990	TEMPORARY RAMP	SQ YD	314	79	235	-	-
40800020	BITUMINOUS MATERIAL (PRIME COAT)	TON	1.8	1.3	0.5	-	-
40800030	AGGREGATE (PRIME COAT)	TON	10	7	3	-	-

PLOT DATE = 2/21/2006
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

FAP 662
SECTION IV, TIR-2; S-RS-3; B-2
MACOUPIN COUNTY

SCALE: VERT. DATE
HORIZ.

DRAWN BY
CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	74	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• 102 (RS-1); (V,T) RS-2; SRS-4				

SUMMARY OF QUANTITIES		UNITS	TOTAL QUANTITY	CONSTR. CODE	CONSTR. CODE	CONSTR. CODE	CONSTR. CODE
PAY CODE NUMBER	PAY ITEM DESCRIPTION						
					URBAN	URBAN	URBAN
						Y025	SETY-1B
				RURAL ROADWAY 1000 80% FED 20% STATE	CITY ROADWAY 1000 80% FED 20% STATE	CITY PARKING LANES 50% STATE 50% CITY	CITY C & G AND S. W. 100% CITY
44200964	CLASS B PATCHES, TYPE IV, 9 INCH	SQ YD	78	78	-	-	-
44201403	CLASS C PATCHES, TYPE II, 14 INCH	SQ YD	37	-	29	8	-
44201407	CLASS C PATCHES, TYPE III, 14 INCH	SQ YD	59	-	59	-	-
44201409	CLASS C PATCHES, TYPE IV, 14 INCH	SQ YD	58	-	58	-	-
44213100	PAVEMENT FABRIC	SQ YD	95	95	-	-	-
44213200	SAW CUTS	FOOT	765	765	-	-	-
48101200	AGGREGATE SHOULDERS, TYPE B	TON	5,160	4,887	273	-	-
48101300	AGGREGATE SHOULDERS, TYPE B (SPECIAL)	TON	20	20	-	-	-
48202000	BITUMINOUS SHOULDERS SUPERPAVE	TON	146	146	-	-	-
48202600	BITUMINOUS SHOULDERS SUPERPAVE 8"	SQ YD	16,770	14,893	1,877	-	-
50102400	CONCRETE REMOVAL	CU YD	1.0	1.0	-	-	-
50104400	CONCRETE HEADWALL REMOVAL	EACH	3	3	-	-	-
50105220	PIPE CULVERT REMOVAL	FOOT	150	150	-	-	-
54200643	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 18"	FOOT	140	140	-	-	-

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
 FAP 662
 SECTION IV, TIR-2; S-RS-3; B-2
 MACOUPIN COUNTY
 SCALE: VERT. DATE HORIZ. DATE
 DRAWN BY
 CHECKED BY

PLOT DATE = 4/1/2005
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 REFERENCE = #REF#

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACQUEIN	79	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• 102 (RS-1); (V,T) RS-2; SRS-4				

SUMMARY OF QUANTITIES		UNITS	TOTAL QUANTITY	CONSTR. CODE	CONSTR. CODE	CONSTR. CODE	CONSTR. CODE
PAY CODE NUMBER	PAY ITEM DESCRIPTION			RURAL ROADWAY 1000 80% FED 20% STATE	CITY ROADWAY 1000 80% FED 20% STATE	CITY PARKING LANES 50% STATE 50% CITY	CITY C & G AND S. W. 100% CITY
54200649	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 24"	FOOT	180	180	-	-	-
54215553	METAL END SECTIONS 18"	EACH	8	8	-	-	-
54215559	METAL END SECTIONS 24"	EACH	8	8	-	-	-
54248515	CONCRETE COLLAR	EACH	8	8	-	-	-
60500065	REMOVING INLETS, SPECIAL	EACH	10	9	1	-	-
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	57.7	50.1	7.6	-	-
60602500	CONCRETE GUTTER, TYPE A	FOOT	3,240	2,726	514	-	-
60624600	CORRUGATED MEDIAN	SQ FT	328	-	328	-	-
63301210	REMOVE AND RE-ERECT STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	540	-	540	-	-
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12	-	-	-
67100100	MOBILIZATION	L SUM	1	1	-	-	-
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	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	-	-	-
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1	-	-	-
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	-	1	-	-

URBAN
URBAN
Y025 Y025
5FTY-1B

PLOT DATE = 4/1/2006
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REFERENCE = #REF*

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
FAP 662
SECTION IV, TIR-2; S-RS-3; B-2
MACOUPIN COUNTY
SCALE: VERT. DATE HORIZ. DATE
DRAWN BY
CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	79	8
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• 102 (RS-1); (V,T) RS-2; SRS-4

SUMMARY OF QUANTITIES		UNITS	TOTAL QUANTITY	CONSTR. CODE	CONSTR. CODE	CONSTR. CODE	CONSTR. CODE
PAY CODE NUMBER	PAY ITEM DESCRIPTION						
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					RURAL ROADWAY 1000 80% FED 20% STATE	CITY ROADWAY 1000 80% FED 20% STATE	CITY PARKING LANES 50% STATE 50% CITY
							CITY C & G AND S.W. 100% CITY
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	-	1	-	-
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	30	25	5	-	-
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	14,454	12,876	1,578	-	-
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	21,757	13,545	8,212	-	-
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	6,023	5,365	658	-	-
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	155,939	150,833	5,106	-	-
78003100	PREFORMED PLASTIC PAVEMENT MARKING - TYPE B - LETTERS AND SYMBOLS	SQ FT	123	123	-	-	-
78003120	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5"	FOOT	15,829	-	14,389	1,440	-
78003130	PREFORMED PLASTIC PAVEMENT MARKING - TYPE B - LINE 6"	FOOT	257	-	257	-	-
78003140	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"	FOOT	220	-	220	-	-
78003150	PREFORMED PLASTIC PAVEMENT MARKING - TYPE B - LINE 12"	FOOT	142	-	142	-	-
78003180	PREFORMED PLASTIC PAVEMENT MARKING - TYPE B - LINE 24"	FOOT	149	48	101	-	-
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	763	671	92	-	-
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	763	671	92	-	-
X3560140	BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE 10 INCH	SQ YD	730	730	-	-	-

* SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 FAP 662
 SECTION (V, TIR-2; S-RS-3; B-2)
 MACOUPIN COUNTY

SCALE: VERT. DATE
 HORIZ. DATE
 DRAWN BY
 CHECKED BY

PLOT DATE = 2/17/2005
 FILE NAME = \\n:\projects\662\662.dwg
 PLOT SCALE = 1/8" = 1' / IN.
 REFERENCE = SHEET

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	14	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* 102 (RS-1); (V,T) RS-2; S(RS-4)				

SUMMARY OF QUANTITIES		UNITS	TOTAL QUANTITY	CONSTR. CODE	CONSTR. CODE	CONSTR. CODE	CONSTR. CODE
PAY CODE NUMBER	PAY ITEM DESCRIPTION						
						URBAN Y025	URBAN SFTY-1B
				RURAL ROADWAY 1000 80% FED 20% STATE	CITY ROADWAY 1000 80% FED 20% STATE	CITY PARKING LANES 50% STATE 50% CITY	CITY C & G AND S.W. 100% CITY
X4066414	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	TON	462	-	233	229	-
X4066424	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50	TON	12,639	12,026	613	-	-
X4066526	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70	TON	875	-	875	-	-
X4066765	LEVELING BINDER (MACHINE METHOD), SUPERPAVE, N50	TON	8,050	7,533	517	-	-
X4080020	INCIDENTAL BITUMINOUS SURFACING, SUPERPAVE N50	TON	971	742	229	-	-
X6060500	CORRUGATED MEDIAN REMOVAL	SQ FT	328	-	328	-	-
X6330103	REMOVE RE-ERECT TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL, TANGENT	EACH	2	-	2	-	-
X7015000	CHANGEABLE MESSAGE SIGN	CAL. MO.	2	2	-	-	-
XX001306	SIDEWALK REMOVAL AND REPLACEMENT	SQ FT	100	-	-	-	100
Z0000990	AGGREGATE FOR TEMPORARY ACCESS	TON	200	190	10	-	-
Z0017202	DOWEL BARS 1 1/2"	EACH	410	410	-	-	-
Z0023200	FILLING DRAINAGE STRUCTURES	EACH	11	10	1	-	-
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	-	-	-
Z0075310	TIE BARS 3/4"	EACH	24	24	-	-	-

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
 FAP 662
 SECTION (V, TR-2; S-RS-3; B-2)
 MACOUPIN COUNTY
 SCALE: VERT. DATE
 HORIZ. DRAWN BY
 CHECKED BY

PLOT DATE : 2/11/2005
 FILE NAME : c:\projects\72405\72405.dwg
 PLOT SCALE : 1/8" = 1'-0"
 REFERENCE : #REF#

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACQUEEN	79	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* 10Z (RS-1); (V,T) RS-2; SRS-4)

RESURFACING

LOCATION	LENGTH FOOT	WIDTH FOOT	PR BIT SURF CSE AREA SQ YD	AVERAGE THICKNESS INCHES	BITUMINOUS SURF. REM. (VAR. DEPTH) SQ YD	BITUMINOUS SURF. REM. 1 1/2" SQ YD	BITUMINOUS SURF. REM. BUTT JOINT SQ YD	PCC SURF. REM. BUTT JOINT SQ YD	TEMPORARY RAMP SQ YD	BITUMINOUS MATERIALS (PRIME COAT) TON	AGGREGATE (PRIME COAT) TON	LEVEL. BIND.	LEVEL. BIND.	LEVEL. BIND.	POLY BIT SURF SUPER MIX D N70 (1 1/2") TON	BIT SURF CSE SUPER, MIX C N50 (1 1/2") TON	BIT SURF CSE SUPER, MIX D N50 (1 1/2") TON	BITUMINOUS SHOULDERS SUPER (2 1/2") TON
												SUPER (3/4") N50 TON	SUPER (1") N50 TON	SUPER (V.D.) N50 TON				
STA 267+61.84 TO STA 273+66.47 (SE CORR. BY MILL. & L.B.)	604.63	24.00	1612.3	4.1 L TO 2.0 R	1478.0	-	-	-	-	0.613	3.22	-	-	139.95	-	-	135.44	-
STA 273+66.47 TO STA 275+80.79	214.32	24.00	571.5	2.25	523.9	-	-	-	-	0.217	1.14	24.00	-	-	-	-	48.01	-
STA 275+80.79 TO STA 284+10.48 (SE CORR. BY MILLING)	829.69	24.00	2212.5	2.25	2028.1	-	-	-	-	0.841	4.43	92.93	-	-	-	-	185.85	-
STA 284+10.48 TO STA 288+89.65	479.17	24.00	1277.8	2.25	1171.3	-	-	-	-	0.486	2.56	53.67	-	-	-	-	107.33	-
STA 288+89.65 TO STA 298+39.88 (SE CORR. BY MILLING)	950.23	24.00	2533.9	2.0 L TO 3.5 R	2322.8	-	-	-	-	0.963	5.07	-	-	177.38	-	-	212.85	-
STA 298+39.88 TO STA 321+61.00	2321.12	24.00	6189.7	2.25	5673.8	-	-	-	-	2.352	12.38	259.97	-	-	-	-	519.93	-
STA 321+61.00 TO STA 321+81.00 (RAMP)	20.00	24.00	53.3	2.25 TO 2.50	48.9	-	-	-	-	0.020	0.11	-	-	2.61	-	-	4.48	-
STA 321+81.00 TO STA 349+61.00 (SE CORR.)	2780.00	24.00	7413.3	3.8 L TO 2.0 R	-	-	-	-	-	2.817	14.83	-	-	581.21	-	-	622.72	-
STA 349+61.00 TO STA 349+81.00 (RAMP)	20.00	24.00	53.3	2.50 TO 2.25	48.9	-	-	-	-	0.020	0.11	-	-	2.61	-	-	4.48	-
STA 349+81.00 TO STA 378+78.00	2897	24.00	7725.3	2.25	7081.6	-	-	-	-	2.936	15.45	324.46	-	-	-	-	648.93	-
STA 378+78.00 TO STA 383+40.00	462	24.00	1232.0	2.25	1129.3	-	-	-	-	0.468	2.46	51.74	-	-	-	-	103.49	-
STA 383+40.00 TO STA 399+20.00	1580	24.00	4213.3	2.25	3862.2	-	-	-	-	1.601	8.43	176.96	-	-	-	-	353.92	-
STA 399+20.00 TO STA 399+40.00 (RAMP)	20	24.00	53.3	2.25 TO 2.50	48.9	-	-	-	-	0.020	0.11	-	-	2.61	-	-	4.48	-
STA 399+40.00 TO STA 441+00.00	4160	24.00	11093.3	2.50	-	-	-	-	-	4.215	22.19	-	621.23	-	-	-	931.84	-
STA 441+00.00 TO STA 441+50.00 (RAMP)	50	24.00	133.3	2.50 TO 1.50	-	-	-	80.0	-	0.051	0.27	-	-	-	-	-	12.69	-
STA 441+50.00 TO STA 451+50.00 - RESURFACING OMISSION																		
STA 451+50.00 TO STA 452+00.00 (RAMP)	50	24.00	133.3	1.50 TO 2.50	-	-	-	80.0	-	0.051	0.27	-	-	-	-	-	12.69	-
STA 450+94.81 TO STA 478+00.00 (BK)	2705.19	24.00	7213.8	2.50	-	-	-	-	-	2.741	14.43	-	403.98	-	-	-	605.96	-
STA EQU 478+00.00 (BK) = 259+79.19 (BK)																		
PART "B" - RURAL																		
STA 38+00.00 TO STA 38+30.00 (BUTT JOINT)	30	24.00	80.0	1.50 TO 2.25	36.7	-	36.7	-	12.2	0.030	0.16	-	-	-	-	-	8.96	-
STA 38+30.00 TO STA 143+20.00	10490	24.00	27973.3	2.25	25642.2	-	-	-	-	10.630	55.95	1174.88	-	-	-	-	2349.76	-
STA 143+20.00 TO STA 150+00.00	680	25.50	1926.7	2.25	1662.2	-	-	-	-	0.732	3.85	80.92	-	-	-	-	161.84	-
STA 150+00.00 TO STA 157+70.00	770	24.00	2053.3	2.25	1882.2	-	-	-	-	0.780	4.11	86.24	-	-	-	-	172.48	-
STA 157+70.00 TO STA 201+60.00	4390	24.00	11706.7	2.25	10731.1	-	-	-	-	4.449	23.41	491.68	-	-	-	-	983.36	-
STA 201+60.00 TO STA 201+90.00 (BUTT JOINT)	30	24.00	80.0	2.25 TO 1.50	36.7	-	36.7	-	12.2	0.030	0.16	-	-	-	-	-	8.96	-
STA 201+90.00 TO STA 202+00.00 - RAILROAD OMISSION																		
STA 202+00.00 TO STA 202+30.00 (BUTT JOINT)	30	24.00	80.0	1.50 TO 2.25	36.7	-	36.7	-	12.2	0.030	0.16	-	-	-	-	-	8.96	-
STA 202+30.00 TO STA 246+16.00	4386	24.00	11696.0	2.25	10721.3	-	-	-	-	4.444	23.39	491.23	-	-	-	-	982.46	-
STA 246+16.00 TO STA 259+59.19	1343.19	25.50	3805.7	2.25	3283.4	-	-	-	-	1.446	7.61	159.84	-	-	-	-	319.68	-
STA 259+59.19 TO STA 259+79.19 (BK) (RAMP)	20	25.50	56.7	2.25 TO 2.50	48.9	-	-	-	-	0.022	0.11	-	-	2.78	-	-	4.76	-
SUB-TOTAL =					79,943.6	-	110.0	413.3	78.9	54.9	286.4			7,533.1	-	-	12,025.5	146.1
TOTAL =					79,943.6	15,934.4	183.3	413.3	115.6	63.7	332.8			8,049.6	874.6	461.7	12,638.6	146.1

PLOT DATE = 9/21/2005
 FILE NAME = C:\CADD\72405\72405SCHDULE.dgn
 PLOT SCALE = 1/8"=1'-0" / IN.
 REFERENCE = #REF#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULES
 SCALE: VERT.
 HORIZ.
 DATE
 DRAWN BY
 CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACQUEEN	12	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

• 10Z (RS-1); (V,T) RS-2; S(RS-4)

BITUMINOUS WIDENING / SHOULDERS & AGGREGATE SHOULDERS

LOCATION	LENGTH	BIT PAY WIDTH	BITUMINOUS SHOULDERS SUPER., 8"	BIT. CONC. BSE. CSE. WID. SUPER., 10"	EXCAVATING AND GRADING EX SHLDS	GRADING AND SHAPING SHOULDERS	EARTH EXCAVATION (WIDENING)	AGG WIDTH	AGGREGATE SHOULDERS	AGGREGATE SHOULDERS (SPECIAL)	REMOVE & REINSTALL SPBCR
	FOOT	FOOT	SQ YD	SQ YD	UNIT	UNIT	UNIT	FOOT	TON	TON	FOOT
PART "A" - CITY											
LT STA 131+14.00 TO LT STA 134+40.00	326.00	8.0	289.9	-	3.26	-	-	3.0	15.47	-	-
LT STA 134+40.00 TO LT STA 140+80.00	640.00	8.0	568.9	-	6.40	6.4	-	3.0	30.37	-	640
LT STA 140+80.00 TO LT STA 141+14.00	34.00	8.0 TO 3.0	20.7	-	0.34	-	-	3.0	1.61	-	-
LT STA 141+14.00 TO LT STA 143+00.00	186.00	3.0	62.0	-	1.86	-	-	3.0	8.83	-	-
LT STA 143+00.00 TO LT STA 148+62.00 (GUTTER)	562.00	3.0	187.3	-	5.62	-	-	-	-	-	-
LT STA 148+62.00 TO LT STA 149+12.00	50.00	3.0 TO 1.0	11.1	-	0.50	-	-	3.0	2.37	-	-
LT STA 149+12.00 TO LT STA 158+68.00	956.00	1.2	127.5	-	9.56	-	-	3.0	45.37	-	-
RT STA 130+84.00 TO RT STA 142+55.00	1171.00	3.0	390.3	-	11.71	-	-	5.0	92.61	-	-
RT STA 142+55.00 TO RT STA 143+05.00	50.00	3.0 TO 1.0	11.1	-	0.50	-	-	3.0	2.37	-	-
RT STA 143+05.00 TO RT STA 158+68.00	1563.00	1.2	208.4	-	15.63	-	-	3.0	74.17	-	-
SUB-TOTAL =			1877.3	0.0	55.4	6.4	0.0	-	273.2	0.0	640.0
PART "A" - RURAL											
LT STA 158+68.00 TO LT STA 199+50.00	4082.00	1.2	544.3	-	40.82	-	-	3.0	193.71	-	-
LT STA 199+50.00 TO LT STA 200+00.00	50.00	1.0 TO 3.0	11.1	-	0.50	-	-	3.0	2.37	-	-
LT STA 200+00.00 TO LT STA 203+25.00 (GUTTER)	325.00	3.0	108.3	-	3.25	-	-	-	-	-	-
LT STA 203+25.00 TO LT STA 204+86.00	161.00	3.0	53.7	-	1.61	-	-	3.0	7.64	-	-
LT STA 204+86.00 TO LT STA 208+00.00 (GUTTER)	314.00	3.0	104.7	-	3.14	-	-	-	-	-	-
LT STA 208+00.00 TO LT STA 208+50.00	50.00	3.0 TO 1.0	11.1	-	0.50	-	-	3.0	2.37	-	-
LT STA 208+50.00 TO LT STA 217+18.85	868.85	1.2	115.8	-	8.69	-	-	3.0	41.23	-	-
LT STA 217+18.85 TO LT STA 217+68.85	50.00	1.0 TO 8.0	25.0	-	0.50	-	-	3.0	2.37	-	-
LT STA 217+68.85 TO LT STA 220+86.93	318.08	-	-	-	-	-	-	2.0	-	10.06	-
LT STA 220+86.93 TO LT STA 225+06.26 - BRIDGE OMISSION											
LT STA 225+06.26 TO LT STA 228+07.24	300.98	-	-	-	-	-	-	2.0	-	9.52	-
LT STA 228+07.24 TO LT STA 228+57.24	50.00	8.0 TO 3.0	30.6	-	0.50	-	-	5.0 TO 3.0	3.16	-	-
LT STA 228+57.24 TO LT STA 233+14.00	456.76	3.0	152.3	-	4.57	-	-	3.0	21.67	-	-
LT STA 233+14.00 TO LT STA 245+50.00 (GUTTER)	1236.00	3.0	412.0	-	12.36	-	-	-	-	-	-
LT STA 245+50.00 TO LT STA 246+00.00	50.00	3.0 TO 1.0	11.1	-	0.50	-	-	3.0	2.37	-	-
LT STA 246+00.00 TO LT STA 442+85.00	19685.00	1.2	2624.7	-	196.85	-	-	3.0	934.13	-	-
LT STA 442+85.00 TO LT STA 446+25.50	340.50	5.2	-	196.7	-	-	3.41	-	-	-	-
LT STA 446+25.50 TO LT STA 447+91.50 - BRIDGE OMISSION											
LT STA 447+91.50 TO LT STA 450+70.81	279.31	5.2	-	161.4	-	-	2.79	-	-	-	-
LT STA 450+70.81 TO LT STA 450+94.81	24.00	5.2 TO 1.2	-	8.5	-	-	0.24	-	-	-	-
LT STA 450+94.81 TO LT STA 478+00.00 (BK)	2705.19	1.2	360.7	-	27.05	-	-	3.0	128.37	-	-
RT STA 158+68.00 TO RT STA 217+18.85	7413.85	1.2	988.5	-	74.14	-	-	3.0	351.81	-	-
RT STA 217+18.85 TO RT STA 217+68.85	50.00	1.0 TO 8.0	25.0	-	0.50	-	-	3.0	2.37	-	-
RT STA 217+68.85 TO RT STA 220+97.57	328.72	-	-	-	-	-	-	2.0	-	-	-
RT STA 220+97.57 TO RT STA 225+16.90 - BRIDGE OMISSION											
RT STA 225+16.90 TO RT STA 228+07.24	290.34	-	-	-	-	-	-	2.0	-	-	-
RT STA 228+07.24 TO RT STA 228+57.24	50.00	8.0 TO 3.0	30.6	-	0.50	-	-	3.0	2.37	-	-
RT STA 228+57.24 TO RT STA 233+14.00	456.76	3.0	152.3	-	4.57	-	-	3.0	21.67	-	-
RT STA 233+14.00 TO RT STA 244+85.00 (GUTTER)	1171.00	3.0	390.3	-	11.71	-	-	-	-	-	-
RT STA 244+85.00 TO RT STA 245+15.00	30.00	3.0	10.0	-	0.30	-	-	3.0	1.42	-	-

CONTINUED ON NEXT PAGE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULES

SCALE: VERT. DATE
HORIZ.

DRAWN BY
CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACQUEIN	74	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

• 10Z (RS-1); (V,T) RS-2; S(RS-4)

BITUMINOUS WIDENING / SHOULDERS & AGGREGATE SHOULDERS

LOCATION	LENGTH	BIT PAY WIDTH	BITUMINOUS SHOULDERS SUPER., 8"	BIT. CONC. BSE. CSE. WID. SUPER., 10"	EXCAVATING AND GRADING EX SHLDS	GRADING AND SHAPING SHOULDERS	EARTH EXCAVATION (WIDENING)	AGG WIDTH	AGGREGATE SHOULDERS	AGGREGATE SHOULDERS (SPECIAL)	REMOVE & REINSTALL SPBGR
	FOOT	FOOT	SO YD	SO YD	UNIT	UNIT	UNIT	FOOT	TON	TON	FOOT
RT STA 245+15.00 TO RT STA 245+65.00	50.00	3.0 TO 1.0	11.1	-	0.50	-	-	3.0	2.37	-	-
RT STA 245+65.00 TO RT STA 442+67.00	19702.00	1.2	2626.9	-	197.02	-	-	3.0	934.93	-	-
RT STA 442+67.00 TO RT STA 446+16.20	349.20	5.2	-	201.8	-	-	3.49	-	-	-	-
RT STA 446+16.20 TO RT STA 447+91.40 - BRIDGE OMISSION											
RT STA 447+91.40 TO RT STA 450+65.00	273.60	5.2	-	158.1	-	-	2.74	-	-	-	-
RT STA 450+65.00 TO RT STA 450+74.00	9.00	5.2 TO 1.2	-	3.2	-	-	0.09	-	-	-	-
RT STA 450+74.00 TO RT STA 478+00.00 (BK)	2726.00	1.2	363.5	-	27.26	-	-	3.0	129.36	-	-
PART "B" - RURAL											
LT STA 38+00.00 TO LT STA 143+20.00	10520.00	1.2	1402.7	-	105.20	-	-	3.0	499.21	-	-
LT STA 143+20.00 TO LT STA 157+70.00	1450.00	-	-	-	-	-	-	3.0	68.81	-	-
LT STA 157+70.00 TO LT STA 201+90.00	4420.00	1.2	589.3	-	44.20	-	-	3.0	209.75	-	-
LT STA 201+90.00 TO LT STA 202+00.00 - RAILROAD OMISSION											
LT STA 202+00.00 TO LT STA 246+16.00	4386.00	1.2	584.8	-	43.86	-	-	3.0	208.13	-	-
LT STA 246+16.00 TO LT STA 259+79.19 (BK)	1363.19	-	-	-	-	-	-	3.0	64.69	-	-
RT STA 38+00.00 TO RT STA 143+20.00	10520.00	1.2	1402.7	-	105.20	-	-	3.0	499.21	-	-
RT STA 143+20.00 TO RT STA 157+70.00	1450.00	-	-	-	-	-	-	3.0	68.81	-	-
RT STA 157+70.00 TO RT STA 201+90.00	4420.00	1.2	589.3	-	44.20	-	-	3.0	209.75	-	-
RT STA 201+90.00 TO RT STA 202+00.00 - RAILROAD OMISSION											
RT STA 202+00.00 TO RT STA 246+16.00	4386.00	1.2	584.8	-	43.86	-	-	3.0	208.13	-	-
RT STA 246+16.00 TO RT STA 259+79.19 (BK)	1363.19	-	-	-	-	-	-	3.0	64.69	-	-
SIDERoads (SEE SEPARATE SIDERoad SCHEDULE)	-	-	575.6	-	13.00	-	1.00	-	-	-	-
SUB-TOTAL =			14,892.6	729.7	1,016.85	-	13.76	-	4,886.90	19.58	-
TOTAL =			16,769.9	729.7	1,072.2	6.4	13.8	-	5,160.1	19.6	640.0

NOTE: SHOULDERS SHALL NOT CONTINUE THROUGH SIDE ROADS. THIS SCHEDULE DOES NOT INCLUDE THESE ESTIMATED DEDUCTIONS FOR FINAL MEASURED QUANTITIES DUE TO LACK OF SURVEY INFORMATION.

PIPE / BOX CULVERTS

LOCATION	CONCRETE COLLAR	PIPE CULV TY-1, CS/A 18"	PIPE CULV TY-1, CS/A 24"	METAL END SECTIONS 18"	METAL END SECTIONS 24"	CONCRETE REMOVAL	CONC HDWL REMOVAL	STONE DUMPED RIPRAP, CL B3	STONE DUMPED RIPRAP, CL A4	FILTER FABRIC FOR RIPRAP
	EACH	FOOT	FOOT	EACH	EACH	CU YD	EACH	TON	TON	SO YD
PART "A" - RURAL										
RT STA 264+74.00 (SIDE ROAD WIDENING)	2	40	-	2	-	-	-	-	-	-
RT STA 282+02.60 (EROSION REPAIR)	-	-	80	-	2	-	1	-	45	90
LT STA 282+02.60 (EROSION REPAIR)	-	-	-	-	-	0.95	-	-	25	50
PART "A" & "B" - RURAL										
EST. QUANTITIES (LOCATIONS DETERMINED BY ENGINEER)	6	100	100	6	6	-	2	300	200	400
TOTAL =	8	140	180	8	8	0.95	3	300	270	540

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULES

SCALE: VERT. DATE
HORIZ.

DRAWN BY
CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACQUEEN	74	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

102 (RS-1); (V,T) RS-2; SRS-4)

CONCRETE GUTTER REMOVAL				
LOCATION	GUTTER REMOVAL	GUTTER OUTLET REMOVAL	REMOVING INLET (SPECIAL)	FILLING DRAINAGE STRUCTURES
	FOOT	FOOT	EACH	EACH
PART "A" - CITY				
LT STA 141+50.00 TO LT STA 141+77.00 (OUTLET)	-	27.00	1	1
LT STA 141+77.00 TO LT STA 142+13.00 (ENTRANCE)	36.00	-	-	-
LT STA 142+13.00 TO LT STA 145+00.00	367.00	-	-	-
LT STA 145+00.00 TO LT STA 145+24.00 (OUTLET)	-	24.00	-	-
LT STA 145+24.00 TO LT STA 148+38.00	314.00	-	-	-
LT STA 148+38.00 TO LT STA 148+50.00 (INLET)	12.00	-	-	-
SUB-TOTAL =	749.00	51.00	1	1
PART "A" - RURAL				
LT STA 200+00.00 TO LT STA 200+12.00 (INLET)	12.00	-	-	-
LT STA 200+12.00 TO LT STA 203+35.00	323.00	-	-	-
LT STA 203+35.00 TO LT STA 203+60.50 (OUTLET)	-	25.50	1	1
LT STA 204+86.00 TO LT STA 204+98.00 (INLET)	12.00	-	-	-
LT STA 204+98.00 TO LT STA 208+00.00	314.00	-	-	-
LT STA 208+00.00 TO LT STA 208+24.00 (OUTLET)	-	24.00	-	-
LT STA 233+24.50 TO LT STA 233+50.00 (OUTLET)	-	25.50	1	1
LT STA 233+50.00 TO LT STA 235+96.50	246.50	-	-	-
LT STA 235+96.50 TO LT STA 236+83.50 (OUTLET)	-	87.00	1	1
LT STA 236+83.50 TO LT STA 239+07.50	224.00	-	-	-
LT STA 239+07.50 TO LT STA 239+93.50 (OUTLET)	-	87.00	1	1
LT STA 239+93.50 TO LT STA 242+07.50	214.00	-	-	-
LT STA 242+07.50 TO LT STA 242+93.50 (OUTLET)	-	87.00	1	1
LT STA 242+93.50 TO LT STA 245+38.00	244.50	-	-	-
LT STA 245+38.00 TO LT STA 245+50.00 (INLET)	12.00	-	-	-
RT STA 233+23.00 TO RT STA 233+50.00 (OUTLET)	-	27.00	1	1
RT STA 233+50.00 TO RT STA 236+20.75	270.75	-	-	-
RT STA 236+20.75 TO RT STA 236+59.25 (OUTLET)	-	38.50	1	1
RT STA 236+59.25 TO RT STA 239+30.75	271.50	-	-	-
RT STA 239+30.75 TO RT STA 239+69.75 (OUTLET)	-	38.50	1	1
RT STA 239+69.75 TO RT STA 242+30.75	261.00	-	-	-
RT STA 242+30.75 TO RT STA 242+69.75 (OUTLET)	-	38.50	1	1
RT STA 242+69.75 TO RT STA 244+80.00	210.25	-	-	-
RT STA 244+80.00 TO RT STA 245+20.00 (ENTRANCE)	40.00	-	-	-
RT STA 245+20.00 TO RT STA 245+38.00	18.00	-	-	-
RT STA 245+38.00 TO RT STA 245+50.00 (INLET)	12.00	-	-	-
RT STA 282+02.60	-	-	-	1
SUB-TOTAL =	2685.50	478.50	9	10
TOTAL =	3434.50	529.50	10	11

CONCRETE GUTTER			
LOCATION	EXCAVATING AND GRADING EX SHLD (SPL)	TYPE A GUTTER	CLASS SI CONCRETE (OUTLET)
	UNIT	FOOT	CU YD
PART "A" - CITY			
LT STA 143+00.00 TO LT STA 143+36.00 (OUTLET)	0.360	-	6.69
LT STA 143+36.00 TO LT STA 148+50.00	5.140	514.00	-
LT STA 148+50.00 TO LT STA 148+62.00 (INLET)	0.120	-	0.92
SUB-TOTAL =	5.62	514.00	7.61
PART "A" - RURAL			
LT STA 200+00.00 TO LT STA 200+12.00 (INLET)	0.120	-	0.92
LT STA 200+12.00 TO LT STA 202+74.60	2.626	262.60	-
LT STA 202+74.60 TO LT STA 203+25.00 (OUTLET)	0.504	-	8.07
LT STA 204+86.00 TO LT STA 204+98.00 (INLET)	0.120	-	0.92
LT STA 204+98.00 TO LT STA 207+58.60	2.606	260.60	-
LT STA 207+58.60 TO LT STA 208+00.00 (OUTLET)	0.414	-	8.10
LT STA 233+14.00 TO LT STA 233+50.00 (OUTLET)	0.360	-	6.69
LT STA 233+50.00 TO LT STA 238+96.00	5.460	546.00	-
LT STA 238+96.00 TO LT STA 239+50.00 (OUTLET)	0.540	-	8.46
LT STA 239+50.00 TO LT STA 245+38.00	5.880	588.00	-
LT STA 245+38.00 TO LT STA 245+50.00 (INLET)	0.120	-	0.92
RT STA 233+14.00 TO RT STA 233+50.00 (OUTLET)	0.360	-	6.69
RT STA 233+50.00 TO RT STA 238+96.00	5.460	546.00	-
RT STA 238+96.00 TO RT STA 239+50.00 (OUTLET)	0.540	-	8.46
RT STA 239+50.00 TO RT STA 244+73.00	5.230	523.00	-
RT STA 244+73.00 TO LT STA 244+85.00 (INLET)	0.120	-	0.92
SUB-TOTAL =	30.46	2,726.20	50.14
TOTAL =	36.08	3,240.20	57.75

SIDE ROAD CURB & GUTTER REMOVAL / BITUMINOUS SHOULDERS						
LOCATION	C & G REMOVAL (NORTH)	C & G REMOVAL (SOUTH)	GR & SH EX SHLD (NORTH)	GR & SH EX SHLD (SOUTH)	BIT SHLDS 8 INCH (NORTH)	BIT SHLDS 8 INCH (SOUTH)
	FOOT	FOOT	UNIT	UNIT	UNIT	UNIT
PART "A" - RURAL						
DEERFIELD DR. (14200 BLK) - EAST	53.0	54.0	0.5	0.5	23.6	24.0
DEERFIELD DR. (14200 BLK) - WEST	45.0	43.0	0.5	0.4	20.0	19.1
DEERFIELD DR. (14750 BLK) - EAST	125.0	75.0	1.3	0.8	55.6	33.3
DEERFIELD DR. (14750 BLK) - WEST	71.0	50.0	0.7	0.5	31.6	22.2
DEERFIELD DR. (15400 BLK)	50.0	53.0	0.5	0.5	22.2	23.6
EVANS RD.	42.0	43.0	0.4	0.4	18.7	19.1
REEDER LN.	19.0	16.0	0.2	0.2	8.4	7.1
LITCHFIELD RD.	46.0	43.0	0.5	0.4	20.4	19.1
PRAIRIE LAWN RD. - EAST	20.0	20.0	0.2	0.2	8.9	8.9
PRAIRIE LAWN RD. - WEST	27.0	26.0	0.3	0.3	12.0	11.6
CARLINVILLE LAKE RD.	60.0	35.0	0.6	0.4	26.7	15.6
BARNETTE RD.	50.0	53.0	0.5	0.5	22.2	23.6
DEAD END RD. (NORTH OF MAC. CREEK)	93.0	58.0	0.9	0.6	41.3	25.8
GARNET RD.	-	25.0	-	0.3	-	11.1
TOTAL =	1295.0		13.0		575.6	

CONCRETE MEDIAN		
LOCATION	CORRUGATED MEDIAN REMOVAL	CORRUGATED MEDIAN
	SO FT	SO FT
PART "A" - CITY		
STA 132+00.00 TO STA 132+88.00	328	328
TOTAL =	328	328

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULES
 SCALE: VERT. / HORIZ.
 DATE
 DRAWN BY
 CHECKED BY

PLT DATE = 3/21/2005
 FILE NAME = I:\2005\72405\72405.dgn
 PLOT SCALE = 1/8"=1'-0" / IN.
 REFERENCE = BREF

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACQUEEN	19	18
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

• 10Z (RS-1); (V,T) RS-2; S(RS-4)

TREE REMOVAL	
LOCATION	TREE REMOVAL > 15" UNIT
PART "A" - RURAL	
RT STA 444+90.00	31
TOTAL =	31

DITCH GRADING AND SHAPING		
LOCATION	GRADING AND SHAPING DITCHES FOOT	PIPE CULVERT REMOVAL FOOT
PART "A" - RURAL		
RT STA 264+74.00 (SIDE ROAD WIDENING)	50	-
PART "B" - RURAL		
INTERSECTION OF FAS 2733 (DITCH SHAPING)	2850	50
PART "A" & "B" - RURAL		
EST. QUANTITIES (LOCATIONS DETERMINED BY ENGINEER)	500	100
TOTAL =	3400	150

EARTHWORK					
LOCATION	EARTH EXCAVATION	EMBANKMENT	EMBANKMENT X 1.25	WASTE (BORROW) BANK	FURNISHED EXCAVATION COMPACTED
	CU YD	CU YD	CU YD	CU YD	CU YD
PART "A" - RURAL					
STA 442+50.00 TO STA 446+70.00	33.3	427.0	533.8	500.5	400.4
STA 447+20.00 TO STA 450+50.00	16.7	217.2	271.5	254.8	203.8
TOTAL =	50	644	805	755	604

NOTE: A SHRINKAGE FACTOR OF 20% WAS USED TO DETERMINE THE EXCESS AND BORROW QUANTITIES.
 SHRINKAGE FACTOR = 1.00 / (1.00 - 0.20) = 1.00 / 0.80 = 1.25

FURNISHED EXCAVATION IS BEING PAID FOR, BUT EXCESS MATERIAL SHOULD BE AVAILABLE FROM EXCAVATING AND GRADING EXISTING SHOULDERS FOR THE PROPOSED BITUMINOUS SHOULDERS, AND CONCRETE GUTTER.

SEEDING							
LOCATION	SEEDING CLASS 2 ACRES	FERTILIZER NUTRIENTS			AG LIMESTONE TON	MULCH METHOD 2 ACRE	HEAVY DUTY EXCELSIOR BLANKET SQ YD
		NITROGEN POUND	PHOSPHORUS POUND	POTASSIUM POUND			
		PART "A" - CITY					
LT STA 134+40.00 TO LT STA 140+80.00 (SHOULDER GRADING)	0.22	20	20	20	0.44	0.22	-
LT STA 143+00.00 TO LT STA 148+62.00 (OUTSIDE GUTTER)	0.13	12	12	12	0.26	0.13	-
SUB-TOTAL =	0.35	32	32	32	0.70	0.35	0.00
PART "A" - RURAL							
LT STA 200+00.00 TO LT STA 203+25.00 (OUTSIDE GUTTER)	0.08	7	7	7	0.16	0.08	-
LT STA 204+86.00 TO LT STA 208+00.00 (OUTSIDE GUTTER)	0.07	6	6	6	0.14	0.07	-
LT STA 233+14.00 TO LT STA 245+50.00 (OUTSIDE GUTTER)	0.28	25	25	25	0.56	0.28	-
RT STA 233+14.00 TO RT STA 244+85.00 (OUTSIDE GUTTER)	0.27	24	24	24	0.54	0.27	-
RT STA 264+00.00 TO RT STA 265+50.00 (SIDE ROAD WIDENING)	0.14	13	13	13	0.28	0.14	-
STA 281+50.00 TO STA 283+00.00 (EROSION REPAIR)	0.25	23	23	23	0.50	0.25	-
LT STA 442+50.00 TO LT STA 446+70.00 (HONEY CREEK)	0.14	13	13	13	0.28	0.14	-
RT STA 442+50.00 TO RT STA 446+70.00 (HONEY CREEK)	0.42	38	38	38	0.84	0.00	2017
LT STA 447+20.00 TO LT STA 449+00.00 (HONEY CREEK)	0.15	14	14	14	0.30	0.00	716
LT STA 449+00.00 TO LT STA 450+50.00 (HONEY CREEK)	0.02	2	2	2	0.04	0.02	-
RT STA 447+20.00 TO RT STA 450+50.00 (HONEY CREEK)	0.11	10	10	10	0.22	0.11	-
PART "B"							
INTERSECTION OF FAS 2733 (DITCH SHAPING)	2.00	180	180	180	4.00	2.00	-
PART "A" & "B" - RURAL	1.00	90	90	90	2.00	1.00	-
EST. QUANTITIES (LOCATIONS DETERMINED BY ENGINEER)							
SUB-TOTAL =	4.93	444	444	444	9.86	4.37	2733
TOTAL =	5.3	476	476	476	10.6	4.7	2733

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULES
 SCALE: VERT. HORIZ.
 DATE
 DRAWN BY
 CHECKED BY

PLOT DATE = 3/11/2005
 FILE NAME = \\s01\p05\10528282\enched\edgn
 PLOT SCALE = 1/8"=1'-0" / IN.
 REFERENCE = #REF#

F.A. RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACQUEEN	79	16
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• 102 (RS-1); (V,T) RS-2; SIRS-4

REMOVE AND RE-ERECT SPBGR, TYPE A	
LOCATION	QUANTITY (FOOT)
LT. STA. 135+30 TO 140+70	540
TOTAL	540

REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL, TANGENT	
LOCATION	QUANTITY (FOOT)
LT. STA. 134+80 TO 135+30	1
LT. STA. 140+70 TO 141+20	1
TOTAL	2

ESTIMATED QUANTITIES				
ITEMS	UNIT	SUB-TOTAL		TOTAL
		CITY	RURAL	
THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR HANDLING TEMPORARY EROSION CONTROL (SEE SPECIAL PROVISIONS)				
AGGREGATE (EROSION CONTROL)	TON	0	40	40
TEMPORARY EROSION CONTROL SEEDING	LBS	50	950	1,000
THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR PAVEMENT PATCHING				
NOTE: CLASS C PATCHING FOR IL. 4 / IL 108 & PARKING LANES				
CLASS C PATCHES, TYPE II, 14 INCH	SQ YD	37	0	37
CLASS C PATCHES, TYPE III, 14 INCH	SQ YD	59	0	59
CLASS C PATCHES, TYPE IV, 14 INCH	SQ YD	58	0	58
NOTE: PAVEMENT PATCHING FOR EXISTING BIT. SURFACE (SOUTH OF IL 108)				
PAVEMENT PATCHING, TYPE II, 14 INCH	SQ YD	0	409	409
PAVEMENT PATCHING, TYPE III, 14 INCH	SQ YD	0	763	763
PAVEMENT PATCHING, TYPE IV, 14 INCH	SQ YD	0	1,518	1,518
NOTE: CLASS B PATCHING FOR EXISTING BARE CONC. PVT.				
CLASS B PATCHES, TYPE II, 9 INCH	SQ YD	0	114	114
CLASS B PATCHES, TYPE III, 9 INCH	SQ YD	0	17	17
CLASS B PATCHES, TYPE IV, 9 INCH	SQ YD	0	78	78
SAW CUTS	FOOT	0	765	765
DOWEL BARS 1 1/2"	EACH	0	410	410
TIE BARS 3/4"	EACH	0	24	24
PAVEMENT FABRIC	SQ YD	0	95	95
COMB. CONC. CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	207	0	207
SIDEWALK REMOVAL AND REPLACEMENT	SQ FT	100	0	100
MEDIAN SURFACE REMOVAL AND REPLACEMENT	SQ FT	2,000	0	2,000
THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR TEMPORARY ACCESS DURING SHOULDER AND GUTTER CONSTRUCTION				
AGGREGATE FOR TEMPORARY ACCESS	TON	10	190	200

PLOT DATE : 3/31/2005
 FILE NAME : I:\6528282\vehedoc.dgn
 PLOT SCALE : 1/8"=1'-0"
 REFERENCE : #REF*

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULES

SCALE: VERT. DATE
 HORIZ.

DRAWN BY
 CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACQUEIN	74	18
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ENTRANCE IMPROVEMENT SCHEDULE FOR PPP AND SMART PROJECTS

LOCATION	TYPE OF ENTRANCE	EX MATERIAL TYPE	BACK WIDTH	OFFSET FROM "EDGE LINE"	BITUMINOUS SHOULDER WIDTH	BIT RESURF AREA	PR BIT CONC. THICKNESS	DRIVEWAY PAVEMENT REMOVAL	PREPARATION OF BASE	AGG. BASE REPAIR	BIT SURF REM-BUTT JOINT	PCC SURF REM-BUTT JOINT	TEMPORARY RAMP	BIT MAT (PRIME COAT)	AGGREGATE (PRIME COAT)	INCIDENTAL BIT. SURF.	AGGREGATE SURFACE CSE, T-B
STATION	(PE/CE/MB/SR)	(AGG./BIT./PCC.)	(FT)	(FT)	(FT)	(SQ. YD)	(INCH)	(SQ. YD)	(SQ. YD)	(TON)	(SQ. YD)	(SQ. YD)	(SQ. YD)	(TON)	(TON)	(TON)	(TON)
RURAL																	
RT	CE	O&C	35	10	1	56.0	8	-	56.0	-	-	-	-	0.02	0.11	25.1	-
RT - PRAIRIE LAWN RD	SR	BIT	24	10	0	57.8	1.875	-	-	-	57.8	-	-	0.02	0.12	6.1	-
LT - LITCHFIELD RD	SR	BIT	24	10	0	57.8	1.875	-	-	-	57.8	-	-	0.02	0.12	6.1	-
LT	SR	AGG	24	10	0	57.8	8	-	57.8	-	-	-	-	0.02	0.12	25.9	1.8
RT	PE	AGG	15	8	1	29.6	3.5	-	29.6	1.7	-	-	-	0.01	0.06	5.8	1.9
RT - REEDER RD	SR	O&C	20	10	0	53.3	8	-	53.3	-	-	-	-	0.02	0.11	23.9	-
LT	PE/MB	AGG	15	8	1	29.6	3.5	-	29.6	1.7	-	-	-	0.01	0.06	5.8	1.9
RT	PE	AGG	10	8	1	25.7	3.5	-	25.7	1.4	-	-	-	0.01	0.05	5.0	1.5
LT	MB	AGG	20	8	1	33.4	3.5	-	33.4	1.9	-	-	-	0.01	0.07	6.6	2.4
LT	MB	AGG	20	8	1	33.4	3.5	-	33.4	1.9	-	-	-	0.01	0.07	6.6	2.4
RT	PE	AGG	10	8	1	25.7	3.5	-	25.7	1.4	-	-	-	0.01	0.05	5.0	1.5
RT	PE	AGG	10	8	1	25.7	3.5	-	25.7	1.4	-	-	-	0.01	0.05	5.0	1.5
LT - EVANS RD	SR	BIT	24	10	0	57.8	1.875	-	-	-	57.8	-	-	0.02	0.12	6.1	-
406+30 RT - DEERFIELD RD	SR	BIT	24	10	0	57.8	1.875	-	-	-	57.8	-	-	0.02	0.12	6.1	-
RT	PE	AGG	15	8	1	29.6	3.5	-	29.6	1.7	-	-	-	0.01	0.06	5.8	1.9
RT	PE	AGG	15	8	1	29.6	3.5	-	29.6	1.7	-	-	-	0.01	0.06	5.8	1.9
442+30 RT - DEERFIELD RD	SR	BIT	24	10	0	57.8	1.875	-	-	-	57.8	-	-	0.02	0.12	6.1	-
442+30 LT - DEERFIELD RD	SR	BIT	24	10	0	57.8	1.875	-	-	-	57.8	-	-	0.02	0.12	6.1	-
RT	PE/MB	AGG	20	8	5	15.7	3.5	-	15.7	0.9	-	-	-	0.01	0.03	3.1	2.4
RT	MB	AGG	20	8	1	33.4	3.5	-	33.4	1.9	-	-	-	0.01	0.07	6.6	2.4
474+60 RT - DEERFIELD RD	SR	BIT	20	10	0	53.3	1.875	-	-	-	53.3	-	-	0.02	0.11	5.6	-
474+60 LT - DEERFIELD RD	SR	BIT	20	10	0	53.3	1.875	-	-	-	53.3	-	-	0.02	0.11	5.6	-
IL 4 - "PART B"																	
RT	MB	BIT	20	8	1	33.4	1.875	5.4	-	-	33.4	-	-	0.01	0.07	3.5	-
LT - MONTEREY RD	SR	PCC	30	10	0	OMIT	OMIT	OMIT	OMIT	OMIT	OMIT	OMIT	OMIT	OMIT	OMIT	OMIT	OMIT
RT	PE	AGG	20	8	1	33.4	3.5	-	33.4	1.9	-	-	-	0.01	0.07	6.6	2.4
RT - JACOBS	SR	BIT	24	10	0	57.8	1.5	-	-	-	57.8	-	-	0.02	0.12	4.9	-
RT - SPRING RD	SR	AGG	30	10	0	64.4	8	-	64.4	-	-	-	-	0.02	0.13	28.9	2.2
LT - SPRING RD	SR	AGG	30	10	0	64.4	8	-	64.4	-	-	-	-	0.02	0.13	28.9	2.2
RT - HONEY CREEK RD	SR	BIT	24	10	0	57.8	1.875	-	-	-	57.8	-	-	0.02	0.12	6.1	-
LT - HONEY CREEK RD	SR	BIT	24	10	0	57.8	1.875	-	-	-	57.8	-	-	0.02	0.12	6.1	-
RT	PE	AGG	40	8	1	49.0	3.5	-	49.0	2.7	-	-	-	0.02	0.10	9.6	4.1
LT	PE/MB	AGG	20	8	1	33.4	3.5	-	33.4	1.9	-	-	-	0.01	0.07	6.6	2.4
LT	MB	AGG	20	8	1	33.4	3.5	-	33.4	1.9	-	-	-	0.01	0.07	6.6	2.4
RT	PE	AGG	15	8	1	29.6	3.5	-	29.6	1.7	-	-	-	0.01	0.06	5.8	1.9
RT - QUARRY RD	SR	BIT	24	10	0	57.8	1.875	-	-	-	57.8	-	-	0.02	0.12	6.1	-
LT - QUARRY RD	SR	BIT	24	10	0	57.8	1.875	-	-	-	57.8	-	-	0.02	0.12	6.1	-
LT	PE	AGG	20	8	1	33.4	3.5	-	33.4	1.9	-	-	-	0.01	0.07	6.6	2.4
LT	CE	AGG	15	10	1	36.0	8	-	36.0	-	-	-	-	0.01	0.07	16.1	1.2
LT	CE	AGG	100	10	1	121.0	8	-	121.0	-	-	-	-	0.05	0.24	54.2	6.5
LT	PE/MB	AGG	15	8	1	29.6	3.5	-	29.6	1.7	-	-	-	0.01	0.06	5.8	1.9
LT	CE/MB	AGG	35	10	1	56.0	8	-	56.0	-	-	-	-	0.02	0.11	25.1	2.5
LT	CE	AGG	35	10	1	56.0	8	-	56.0	-	-	-	-	0.02	0.11	25.1	2.5
LT	PE	BIT	10	8	1	25.7	1.875	4.3	-	-	25.7	-	-	0.01	0.05	2.7	-
LT	MB	AGG	20	8	1	33.4	3.5	-	33.4	1.9	-	-	-	0.01	0.07	6.6	2.4
RT	PE	AGG	16	8	1	30.3	3.5	-	30.3	1.7	-	-	-	0.01	0.06	5.9	2.0
LT	MB	AGG	20	8	1	33.4	3.5	-	33.4	1.9	-	-	-	0.01	0.07	6.6	2.4
RT	PE	AGG	16	8	1	30.3	3.5	-	30.3	1.7	-	-	-	0.01	0.06	5.9	2.0
LT	PE	PCC	20	8	1	33.4	1.875	5.4	-	-	-	33.4	-	0.01	0.07	3.5	-

• ALL STATIONS AND BACK WIDTHS ARE APPROXIMATE VALUE.

TOTAL URBAN =	62.1	410.1	6.8	741.4	112.6	197.8	0.5	2.5	229.2	7.9
TOTAL RURAL =	38.7	1910.0	57.2	1350.8	46.7	-	1.3	6.6	741.7	91.9
TOTAL =	100.8	2320.1	64.0	2092.2	159.2	197.8	1.7	9.1	970.9	99.8

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULES

SCALE: VERT. HORIZ. DATE

DRAWN BY CHECKED BY

PLT DATE = 3/31/2005
 PLOT SCALE = 3/8" = 1'-0"
 REFERENCE = WRE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	73	19
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• 10Z (RS-1); (V,T) RS-2; SIRS-4)

PAVEMENT MARKING AND REFLECTIVE MARKERS

LOCATION	PAINT LINE 5"	PAINT LINE 5"	PAINT LINE 5"	PREF PLAST LINE 5"	PREF PLAST LINE 5"	PREF PLAST LINE 5"	PREF PLAST LINE 6"	PREF PLAST LINE 8"	PREF PLAST LINE 12"	PREF PLASTIC 24"	PREF PLASTIC LETTERS & SYMBOLS	TEMPORARY PAV'T MK LINE 5"	SHORT-TERM PAV'T MK	WORK ZONE PAV'T MK REMOVAL	RAISED REFLECTIVE PAV'T MARKER	RAISED REFLECTIVE PAV'T MARKER
	WHITE EDGE SOLID	YELLOW NO PASSING	YELLOW SKIP-DASH	WHITE	WHITE DIAGONALS	YELLOW SOLID	WHITE SOLID	WHITE ISLAND CORE	WHITE ISLAND	WHITE STOP BAR	RAILROAD					
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	sq. feet	feet	feet	sq. feet	each	each
STA 98+45.93 TO STA 127+23.38	0	0	0	5,249	330	5,176	257	0	20	69	0	5,176	690	288	36	36
STA EQN STA 127+23.28 (BK) =	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STA 0+00.00 (AH)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STA 0+00 TO STA 7+72.45	0	0	0	1,273	0	1,316	0	0	40	0	0	1,316	192	80	10	10
STA EQN STA 5+86.59 (IL 4/IL 108) =	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STA 129+96.00 (IL 4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STA 129+96.00 TO STA 158+68	4,536	0	570	1,335	0	1,150	0	220	82	32	0	1,720	696	290	46	46
URBAN SUBTOTAL	4,536	0	570	7,857	330	7,642	257	220	142	101	0	8,212	1,578	658	92	92
STA 158+68 TO STA 220+92.25	12,448	0	1,560	0	0	0	0	0	0	0	0	1,560	1,500	625	78	78
BRIDGE OMISSION STA 220+92.25	840	0	105	0	0	0	0	0	0	0	0	105	0	0	0	0
TO STA 225+11.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STA 225+11.58 TO STA 446+45.00	44,268	0	5,540	0	0	0	0	0	0	0	0	5,540	5,316	2,215	277	277
PROJECT OMISSION STA 446+45.00	240	0	30	0	0	0	0	0	0	0	0	30	0	0	0	0
TO STA 447+63.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STA 447+63.00 TO STA 478+00.00	6,074	0	760	0	0	0	0	0	0	0	0	760	732	305	38	38
STA EQN STA 478+00.00 (BK) =	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STA 259+79.19 (AH)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STA 259+79.19 TO STA 201+90.00	11,578	0	1,450	0	0	0	0	0	0	0	**12	1,450	1,392	580	73	73
RAILROAD OMISSION STA 201+90.00	0	0	0	0	0	0	0	0	0	0	**24	0	0	0	0	0
TO STA 202+00.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STA 202+00.00 TO STA 38+00.00	32,800	0	4,100	0	0	0	0	0	0	0	**12	4,100	3,936	1,640	205	205
*STA 129+96.00 TO STA 38+00.00 (VARIOUS LOCATIONS)		29,040														
RURAL SUBTOTAL	108,248	29,040	13,545	0	0	0	0	0	0	48	122.4	13,545	12,876	5,365	671	671
TOTAL	112,784	29,040	14,115	7,857	330	7,642	257	220	142	149	122.4	21,757	14,454	6,023	763	763
	155,939			15,829												

** MARKINGS ARE FOR RAILROAD CROSSING

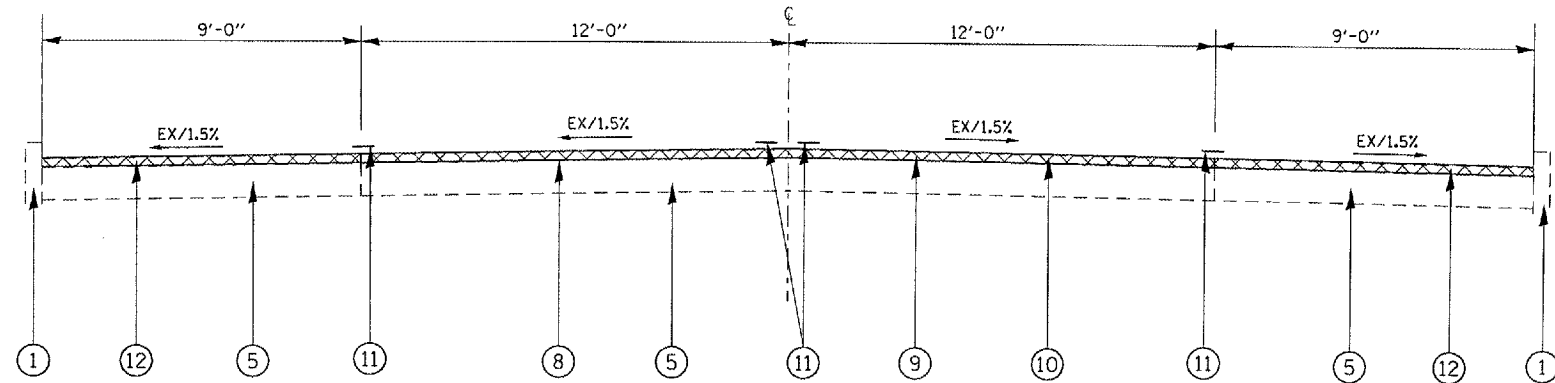
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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCHEDULES

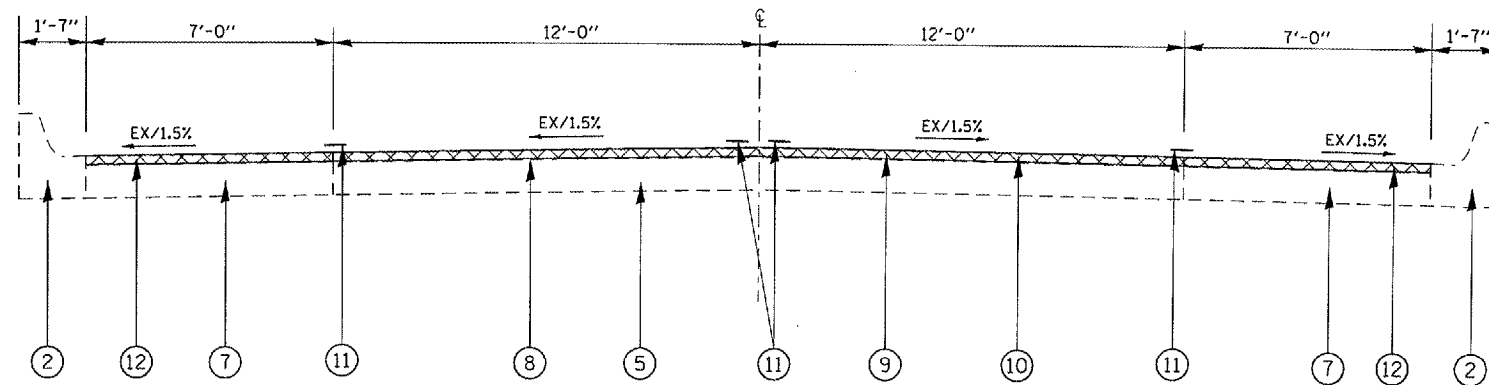
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	74	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

• 10Z (RS-1); (V,T) R-2; SRS-4)

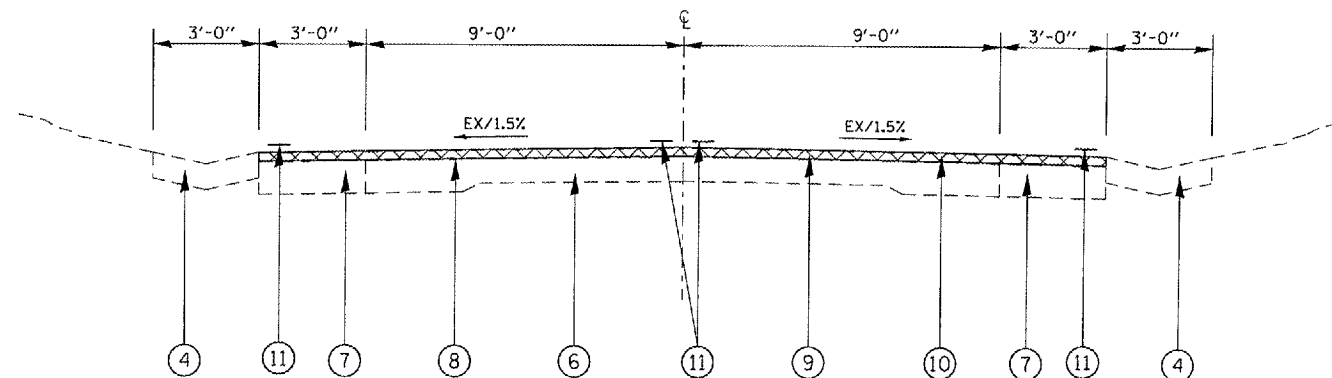


PART A STA 98+45.93 TO STA 100+33.00



PART A STA 100+33.00 TO STA 127+23.28
STA 0+00.00 TO STA 1+34.31

STA EQN: STA 127+23.28 (BK)
STA 0+00.00 (AHD)



PART A STA 1+34.31 TO STA 7+72.45

LEGEND

- ① EX CONC. CURB
- ② EX COMB. CONC. CURB AND GUTTER
- ③ EX CONC. GUTTER, TY-B
- ④ EX CONC. GUTTER, TY-A
- ⑤ EX BRICK PAVEMENT
- ⑥ EX PCC PAVEMENT, 9''-6''-9''
- ⑦ EX PCC BASE COURSE WIDENING, 9''
- ⑧ EX BIT. CONC. OVERLAY
- ⑨ PROP BIT. SURF. REMOVAL, 1 1/2''
- ⑩ PROP POLYMER BIT. CONC. SURF. COURSE, SUPERPAVE, MIX "D", N70, 1 1/2'' (2-12' LANES ONLY) (SEE BIT. MIXTURE TABLE)
- ⑪ PROP PREF. PLASTIC PAVEMENT MARKING TY-B - LINE 5'' (INLAD)
- ⑫ PROP BIT. CONC. SURF. CSE., SUPERPAVE, MIX "C", N50, 1 1/2''

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PART A
TYPICAL SECTIONS

SCALE: VERT.
HORIZ.
DATE 04-07-03

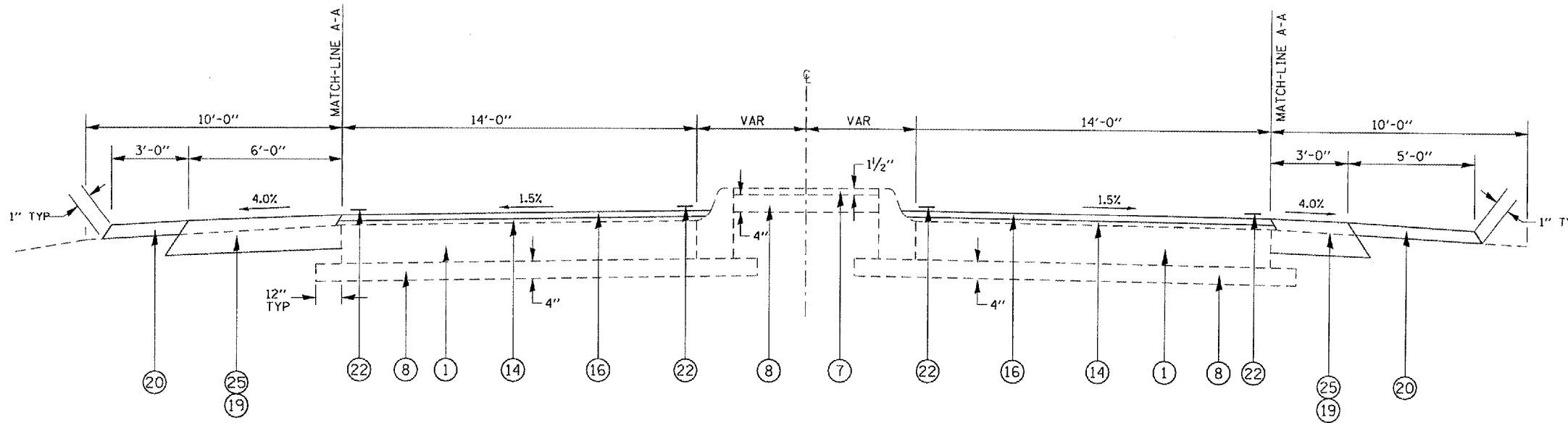
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CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	74	21
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

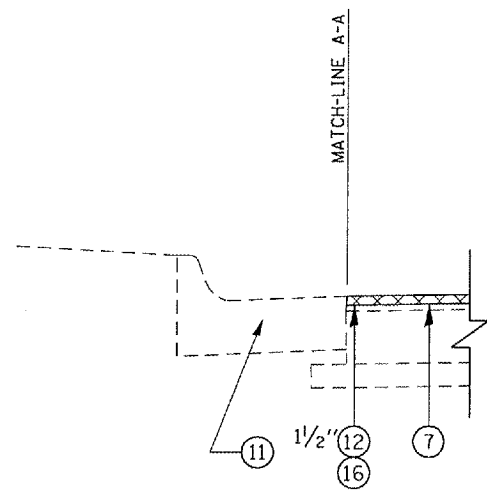
• 10Z (RS-1); (V,T) R-2; SRS-4

LEGEND

- ① EX PCC PAVEMENT, 9"
- ② EX PCC PAVEMENT, 7"-8"-7"
- ③ EX PCC BASE COURSE WIDENING, 8"
- ④ EX PCC BASE COURSE WIDENING, 9"
- ⑤ EX BITUMINOUS BASE COURSE WIDENING, 8"
- ⑥ EX PCC BASE COURSE, 8"
- ⑦ EX BITUMINOUS CONC. SURFACE
- STA 129+96.00 TO STA 131+20.00 - 2 1/2"
- STA 131+20.00 TO STA 265+80.00 - 0"
- STA 265+80.00 TO STA 321+81.00 - 7" ± 1"
- STA 321+81.00 TO STA 349+61.00 - 0"
- STA 349+61.00 TO STA 399+40.00 - 7" ± 2"
- STA 399+40.00 TO STA 478+00.00 - 0"
- ⑧ EX SUB-BASE GRANULAR MATERIAL
- ⑨ EX CONCRETE GUTTER, TYPE B (TO BE REMOVED)
- ⑩ EX STEEL PLATE BEAM GUARDRAIL
- ⑪ EX COMBINATION CONC. CURB & GUTTER
- ⑫ PR BIT. SURFACE REMOVAL, VAR. DEPTH
- ⑬ PR LEVELING BINDER (MACHINE METHOD), SUPERPAVE, 3/4" AVG. (SEE BIT. MIXTURE TABLE)
- ⑭ PR LEVELING BINDER (MACHINE METHOD), SUPERPAVE, 1" AVG. (SEE BIT. MIXTURE TABLE)
- ⑮ PR LEVELING BINDER (MACHINE METHOD) SUPERPAVE, VAR. DEPTH (1/2" MIN) (SEE BIT. MIXTURE TABLE)
- ⑯ PR BIT. CONCRETE SURFACE COURSE, SUPERPAVE 1 1/2" (SEE BIT. MIXTURE TABLE)
- ⑰ PR BIT. SHLDS, SUPERPAVE, 2-1/2" (SEE BIT. MIXTURE TABLE)
- ⑱ PR BIT. SHLDS, SUPERPAVE, 8" (SEE BIT. MIXTURE TABLE)
- ⑲ PR BIT. SHLDS, SUPERPAVE, 8" (SEE BIT. MIXTURE TABLE)
- ⑳ PR AGG. SHLDS., TYPE B
- ㉑ PR CONC. GUTTER, TY-A (STD 606101)
- ㉒ PR PREFORMED PLASTIC PAVMENT MARKING, TY-B, LINE - 5"
- ㉓ PR PAINT PAVMENT MARKING, LINE - 5"
- ㉔ PR GRADING AND SHAPING SHOULDERS
- ㉕ PR EXCAVATING AND GRADING EX SHLD.
- ㉖ PR EXCAVATING AND GRADING EX SHLD., SPECIAL
- ㉗ PR EARTH EXCAVATION WIDENING
- ㉘ PR EARTH EMBANKMENT
- ㉙ PR BIT. BASE COURSE WIDENING, SUPERPAVE, 10" (SEE BIT. MIXTURE TABLE)



PART A LT STA 129+96.00 TO LT STA 131+14.00 - EX BIT. CONC. SURF. - ⑫ 1 1/2" & ⑯ ONLY
 RT STA 129+96.00 TO RT STA 131+23.00 - EX BIT. CONC. SURF. - ⑫ 1 1/2" & ⑯ ONLY
 LT STA 131+14.00 TO LT STA 132+20.00
 RT STA 131+23.00 TO RT STA 132.20.00
 STA 132+20.00 TO STA 132+88.00 - EX CORRUGATED MEDIAN TO BE REMOVED AND REPLACED
 STA 132+88.00 TO STA 132+89.45 - NO CONC. MED.; VAR. WIDTH PAVT.



PART A LT STA 129+96.00 TO LT STA 131+14.00
 RT STA 129+96.00 TO RT STA 130+84.00

REVISIONS	
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ILLINOIS DEPARTMENT OF TRANSPORTATION

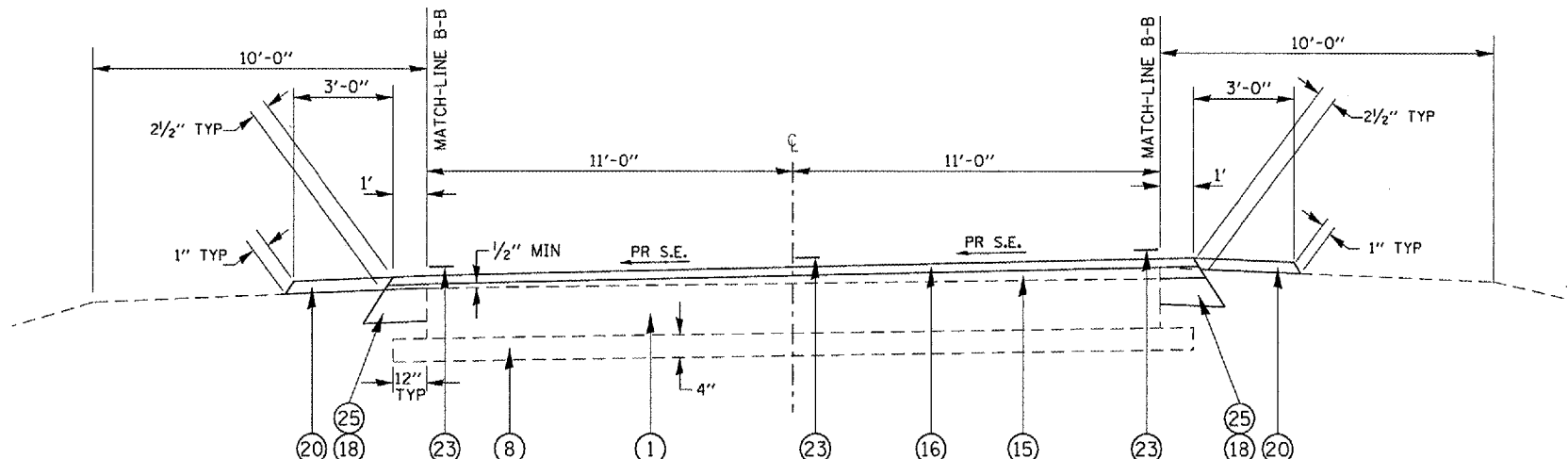
PART A
TYPICAL SECTIONS

SCALE: VERT.
 HORIZ.
 DATE 04-07-03

DRAWN BY MAW
 CHECKED BY

F.A.P. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	•	MACOUPIN	74	22
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• 10Z (RS-1); (V,T) R-2; SRS-4)



PART A STA 132+89.45 TO STA 134+46.71 - SE TRANS.
 STA 134+46.71 TO STA 145+42.69 - EX SE = 4.20%; PR SE = 4.94%
 STA 145+42.69 TO STA 146+99.95 - SE TRANS.

STA 165+36.45 TO STA 166+39.26 - SE TRANS.
 STA 166+39.26 TO STA 173+83.49 - EX SE = 2.00%; PR SE = 2.71%
 STA 173+83.49 TO STA 174+86.30 - SE TRANS.

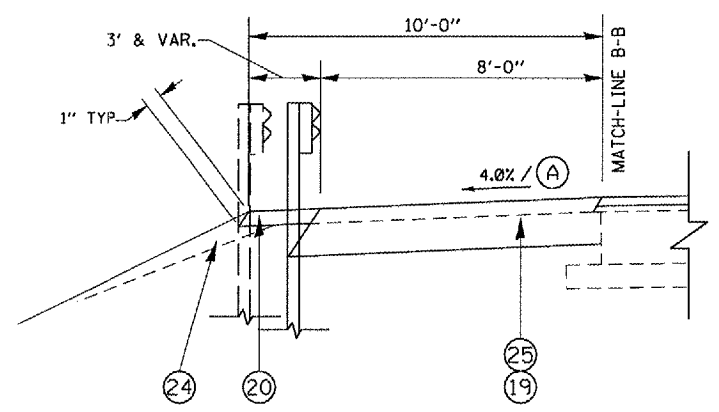
STA 194+80.95 TO STA 196+38.21 - SE TRANS.
 STA 196+38.21 TO STA 206+88.38 - EX SE = 4.20%; PR SE = 4.94%
 STA 206+88.38 TO STA 208+45.64 - SE TRANS.

STA 245+06.39 TO STA 246+02.60 - SE TRANS.
 STA 246+02.60 TO STA 253+96.21 - EX SE = 2.00%; PR SE = 2.44%
 STA 253+96.21 TO STA 254+92.42 - SE TRANS.

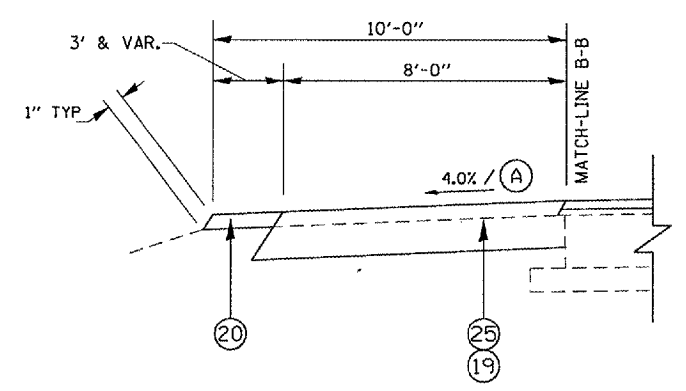
STA 261+50.99 TO STA 262+53.80 - SE TRANS.
 STA 262+53.80 TO STA 265+80.00 - EX SE = 2.00%; PR SE = 2.71%

LEGEND

- ① EX PCC PAVEMENT, 9"
- ② EX PCC PAVEMENT, 7"-8"-7"
- ③ EX PCC BASE COURSE WIDENING, 8"
- ④ EX PCC BASE COURSE WIDENING, 9"
- ⑤ EX BITUMINOUS BASE COURSE WIDENING, 8"
- ⑥ EX PCC BASE COURSE, 8"
- ⑦ EX BITUMINOUS CONC. SURFACE
- STA 129+96.00 TO STA 131+20.00 - 2 1/2"
- STA 131+20.00 TO STA 265+80.00 - 0"
- STA 265+80.00 TO STA 321+81.00 - 7" ± 1"
- STA 321+81.00 TO STA 349+61.00 - 0"
- STA 349+61.00 TO STA 399+40.00 - 7" ± 2"
- STA 399+40.00 TO STA 478+00.00 - 0"
- ⑧ EX SUB-BASE GRANULAR MATERIAL
- ⑨ EX CONCRETE GUTTER, TYPE B (TO BE REMOVED)
- ⑩ EX STEEL PLATE BEAM GUARDRAIL
- ⑪ EX COMBINATION CONC. CURB & GUTTER
- ⑫ PR BIT. SURFACE REMOVAL, VAR. DEPTH
- ⑬ PR LEVELING BINDER (MACHINE METHOD), SUPERPAVE, 3/4" AVG. (SEE BIT. MIXTURE TABLE)
- ⑭ PR LEVELING BINDER (MACHINE METHOD), SUPERPAVE, 1" AVG. (SEE BIT. MIXTURE TABLE)
- ⑮ PR LEVELING BINDER (MACHINE METHOD) SUPERPAVE, VAR. DEPTH (1/2" MIN) (SEE BIT. MIXTURE TABLE)
- ⑯ PR BIT. CONCRETE SURFACE COURSE, SUPERPAVE 1 1/2" (SEE BIT. MIXTURE TABLE)
- ⑰ PR BIT. SHLDS, SUPERPAVE, 2-1/2" (SEE BIT. MIXTURE TABLE)
- ⑱ PR BIT. SHLDS, SUPERPAVE, 8" (SEE BIT. MIXTURE TABLE)
- ⑲ PR BIT. SHLDS, SUPERPAVE, 8" (SEE BIT. MIXTURE TABLE)
- ⑳ PR AGG. SHLDS., TYPE B
- ㉑ PR CONC. GUTTER, TY-A (STD 606101)
- ㉒ PR PREFORMED PLASTIC PAVMENT MARKING, TY-B, LINE - 5"
- ㉓ PR PAINT PAVMENT MARKING, LINE - 5"
- ㉔ PR GRADING AND SHAPING SHOULDERS
- ㉕ PR EXCAVATING AND GRADING EX SHLD.
- ㉖ PR EXCAVATING AND GRADING EX SHLD., SPECIAL
- ㉗ PR EARTH EXCAVATION WIDENING
- ㉘ PR EARTH EMBANKMENT
- ㉙ PR BIT. BASE COURSE WIDENING, SUPERPAVE, 10" (SEE BIT. MIXTURE TABLE)



PART A LT STA 134+40.00 TO LT STA 140+80.00



PART A LT STA 140+80.00 TO LT STA 141+14.00 - TRANS. 8' BIT. SHLD. TO 3' BIT. SHLD.

NOTE: (A) SHLD. SLOPES FOR S.E. SECTION
LOW SIDE OF S.E.
 SHLD. SLOPE SHALL BE THE SAME AS THE S.E. RATE BUT NOT LESS THAN 4.0% HIGH SIDE OF S.E.
HIGH SIDE OF S.E.
 - WHEN S.E. RATE OF THE PAVEMENT IS BETWEEN 0% AND 4.0%, THE SHLD. SLOPE SHALL BE 4.0%
 - WHEN S.E. RATE OF PAVEMENT EXCEEDS 4.0% THE SHLD. SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHLD. WILL NOT BE GREATER THAN 8.0%

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PART A
TYPICAL SECTIONS

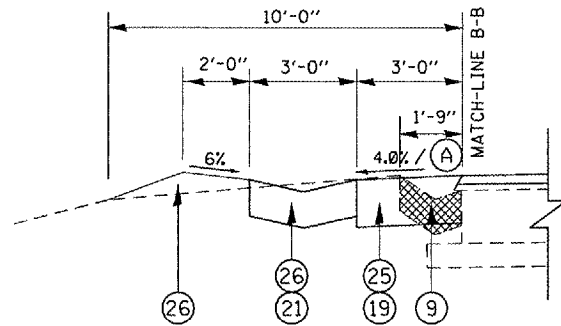
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 HORIZ. _____
 DATE 04-07-03

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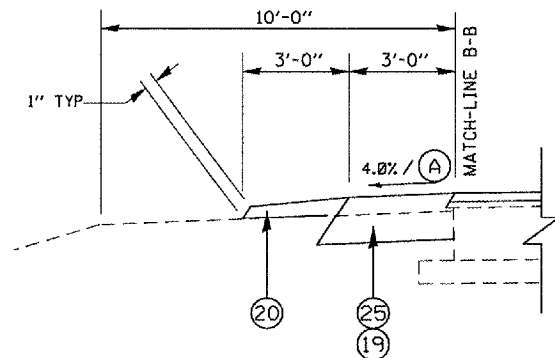
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 • DATE-TIME
 • REF 01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	.	MACOUPIN	74	23
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

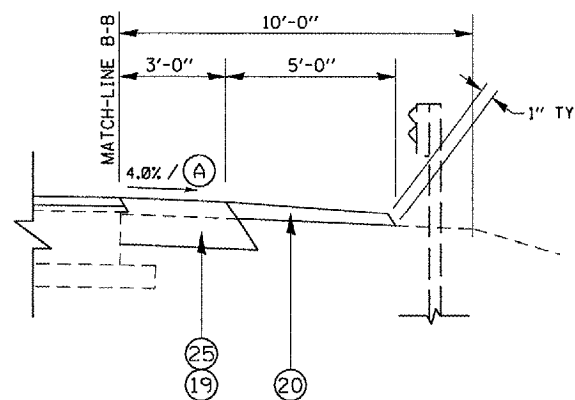
• 10Z (RS-1); IV, T) R-2; SIRS-4)



- PART A**
- LT STA 143+00.00 TO LT STA 143+36.00 - PR TY-A GUTTER OUTLET
 - LT STA 143+36.00 TO LT STA 146+99.95
 - LT STA 199+50.00 TO LT STA 200+00.00 - TRANS. 1' BIT. SHLD. TO 3' BIT. SHLD. - NO PR GUTTER
 - LT STA 200+00.00 TO LT STA 200+12.00 - PR TY-A GUTTER INLET
 - LT STA 200+12.00 TO LT STA 202+74.60
 - LT STA 202+74.60 TO LT STA 203+25.00 - PR TY-A GUTTER OUTLET
 - LT STA 204+86.00 TO LT STA 204+98.00 - PR TY-A GUTTER INLET
 - LT STA 204+98.00 TO LT STA 207+58.60
 - LT STA 207+58.60 TO LT STA 208+00.00 - PR TY-A GUTTER OUTLET
 - LT STA 208+00.00 TO LT STA 208+50.00 - TRANS. 3' BIT. SHLD. TO 1' BIT. SHLD. - NO PR GUTTER
 - LT STA 245+06.39 TO LT STA 245+38.00
 - LT STA 245+38.00 TO LT STA 245+50.00 - PR TY-A GUTTER INLET
 - LT STA 245+50.00 TO LT STA 246+00.00 - TRANS. 3' BIT. SHLD. TO 1' BIT. SHLD. - NO PR GUTTER



- PART A**
- LT STA 141+14.00 TO LT STA 141+50.00 - EX CONC. GUTTER OUTLET, INLET BOX, GRATES, AND CMP DRAIN PIPES [TBR]
 - LT STA 141+50.00 TO LT STA 142+13.00 - EX TY-A GUTTER ENTR. [TBR]
 - LT STA 142+13.00 TO LT STA 143+00.00 - EX GUTTER [TBR]
 - LT STA 203+25.00 TO LT STA 204+86.00 - EX CONC. GUTTER OUTLET [TBR]
 - RT STA 245+06.39 TO RT STA 245+15.00 - EX CONC. GUTTER ENTRANCE [TBR]
 - RT STA 245+15.00 TO RT STA 245+65.00 - TRANS. 3' BIT. SHLD. TO 1' BIT. SHLD.



- PART A**
- RT STA 134+00.00 TO RT STA 135+50.00
 - RT STA 135+50.00 TO RT STA 137+50.00 - NO EX GUARDRAIL
 - RT STA 137+50.00 TO RT STA 142+55.00
 - RT STA 142+55.00 TO RT STA 143+05.00 - TRANS. 3' BIT. & 5' AGG. SHLDS. TO 1' BIT. & 3' AGG. SHLD.

NOTE: (A) SHLD. SLOPES FOR S.E. SECTION
 LOW SIDE OF S.E.
 SHLD. SLOPE SHALL BE THE SAME AS THE S.E. RATE BUT NOT LESS THAN 4.0% HIGH SIDE OF S.E.
 HIGH SIDE OF S.E.
 - WHEN S.E. RATE OF THE PAVEMENT IS BETWEEN 0% AND 4.0%, THE SHLD. SLOPE SHALL BE 4.0%
 - WHEN S.E. RATE OF PAVEMENT EXCEEDS 4.0% THE SHLD. SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHLD. WILL NOT BE GREATER THAN 8.0%

LEGEND

- ① EX PCC PAVEMENT, 9"
- ② EX PCC PAVEMENT, 7"-8"-7"
- ③ EX PCC BASE COURSE WIDENING, 8"
- ④ EX PCC BASE COURSE WIDENING, 9"
- ⑤ EX BITUMINOUS BASE COURSE WIDENING, 8"
- ⑥ EX PCC BASE COURSE, 8"
- ⑦ EX BITUMINOUS CONC. SURFACE
- STA 129+96.00 TO STA 131+20.00 - 2 1/2"
- STA 131+20.00 TO STA 265+80.00 - 0"
- STA 265+80.00 TO STA 321+81.00 - 7" ± 1"
- STA 321+81.00 TO STA 349+61.00 - 0"
- STA 349+61.00 TO STA 399+40.00 - 7" ± 2"
- STA 399+40.00 TO STA 478+00.00 - 0"
- ⑧ EX SUB-BASE GRANULAR MATERIAL
- ⑨ EX CONCRETE GUTTER, TYPE B (TO BE REMOVED)
- ⑩ EX STEEL PLATE BEAM GUARDRAIL
- ⑪ EX COMBINATION CONC. CURB & GUTTER
- ⑫ PR BIT. SURFACE REMOVAL, VAR. DEPTH
- ⑬ PR LEVELING BINDER (MACHINE METHOD), SUPERPAVE, 3/4" AVG. (SEE BIT. MIXTURE TABLE)
- ⑭ PR LEVELING BINDER (MACHINE METHOD), SUPERPAVE, 1" AVG. (SEE BIT. MIXTURE TABLE)
- ⑮ PR LEVELING BINDER (MACHINE METHOD) SUPERPAVE, VAR. DEPTH (1/2" MIN) (SEE BIT. MIXTURE TABLE)
- ⑯ PR BIT. CONCRETE SURFACE COURSE, SUPERPAVE 1 1/2" (SEE BIT. MIXTURE TABLE)
- ⑰ PR BIT. SHLDS, SUPERPAVE, 2-1/2" (SEE BIT. MIXTURE TABLE)
- ⑱ PR BIT. SHLDS, SUPERPAVE, 8" (SEE BIT. MIXTURE TABLE)
- ⑲ PR BIT. SHLDS, SUPERPAVE, 8" (SEE BIT. MIXTURE TABLE)
- ⑳ PR AGG. SHLDS., TYPE B
- ㉑ PR CONC. GUTTER, TY-A (STD 606101)
- ㉒ PR PREFORMED PLASTIC PAYMENT MARKING, TY-B, LINE - 5"
- ㉓ PR PAINT PAVEMENT MARKING, LINE - 5"
- ㉔ PR GRADING AND SHAPING SHOULDERS
- ㉕ PR EXCAVATING AND GRADING EX SHLD.
- ㉖ PR EXCAVATING AND GRADING EX SHLD., SPECIAL
- ㉗ PR EARTH EXCAVATION WIDENING
- ㉘ PR EARTH EMBANKMENT
- ㉙ PR BIT. BASE COURSE WIDENING, SUPERPAVE, 10" (SEE BIT. MIXTURE TABLE)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PART A

TYPICAL SECTIONS

SCALE: VERT. HORIZ. DATE 04-07-03

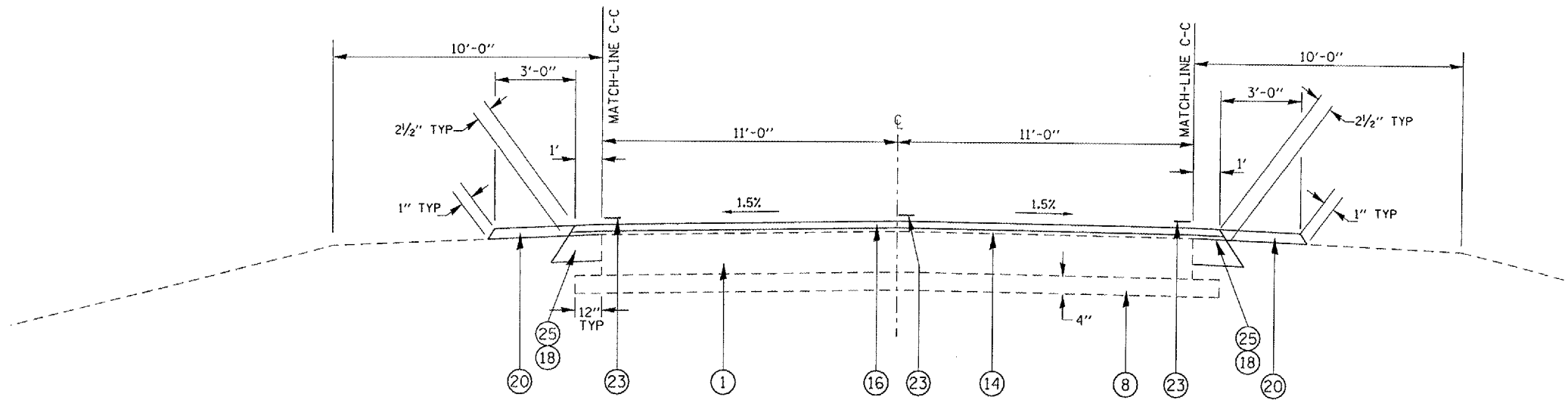
DRAWN BY MAW CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	74	24
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• 102 (RS-1); (V,T) R-2; SRS-4)

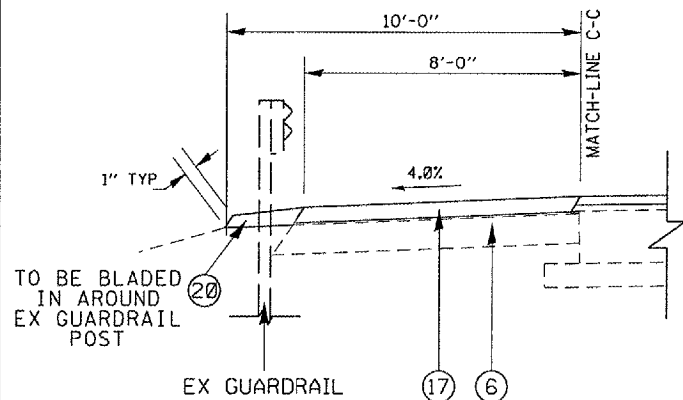
LEGEND

- ① EX PCC PAVEMENT, 9"
- ② EX PCC PAVEMENT, 7"-8"-7"
- ③ EX PCC BASE COURSE WIDENING, 8"
- ④ EX PCC BASE COURSE WIDENING, 9"
- ⑤ EX BITUMINOUS BASE COURSE WIDENING, 8"
- ⑥ EX PCC BASE COURSE, 8"
- ⑦ EX BITUMINOUS CONC. SURFACE
- STA 129+96.00 TO STA 131+20.00 - 2 1/2"
- STA 131+20.00 TO STA 265+80.00 - 0"
- STA 265+80.00 TO STA 321+81.00 - 7" ± 1"
- STA 321+81.00 TO STA 349+61.00 - 0"
- STA 349+61.00 TO STA 399+40.00 - 7" ± 2"
- STA 399+40.00 TO STA 478+00.00 - 0"
- ⑧ EX SUB-BASE GRANULAR MATERIAL
- ⑨ EX CONCRETE GUTTER, TYPE B (TO BE REMOVED)
- ⑩ EX STEEL PLATE BEAM GUARDRAIL
- ⑪ EX COMBINATION CONC. CURB & GUTTER
- ⑫ PR BIT. SURFACE REMOVAL, VAR. DEPTH
- ⑬ PR LEVELING BINDER (MACHINE METHOD), SUPERPAVE, 3/4" AVG. (SEE BIT. MIXTURE TABLE)
- ⑭ PR LEVELING BINDER (MACHINE METHOD), SUPERPAVE, 1" AVG. (SEE BIT. MIXTURE TABLE)
- ⑮ PR LEVELING BINDER (MACHINE METHOD) SUPERPAVE, VAR. DEPTH (1/2" MIN) (SEE BIT. MIXTURE TABLE)
- ⑯ PR BIT. CONCRETE SURFACE COURSE, SUPERPAVE 1 1/2" (SEE BIT. MIXTURE TABLE)
- ⑰ PR BIT. SHLDS, SUPERPAVE, 2-1/2" (SEE BIT. MIXTURE TABLE)
- ⑱ PR BIT. SHLDS, SUPERPAVE, 8" (SEE BIT. MIXTURE TABLE)
- ⑲ PR BIT. SHLDS, SUPERPAVE, 8" (SEE BIT. MIXTURE TABLE)
- ⑳ PR AGG. SHLDS., TYPE B
- ㉑ PR CONC. GUTTER, TY-A (STD 606101)
- ㉒ PR PREFORMED PLASTIC PAVMENT MARKING, TY-B, LINE - 5"
- ㉓ PR PAINT PAVMENT MARKING, LINE - 5"
- ㉔ PR GRADING AND SHAPING SHOULDERS
- ㉕ PR EXCAVATING AND GRADING EX SHLD.
- ㉖ PR EXCAVATING AND GRADING EX SHLD., SPECIAL
- ㉗ PR EARTH EXCAVATION WIDENING
- ㉘ PR EARTH EMBANKMENT
- ㉙ PR BIT. BASE COURSE WIDENING, SUPERPAVE, 10" (SEE BIT. MIXTURE TABLE)

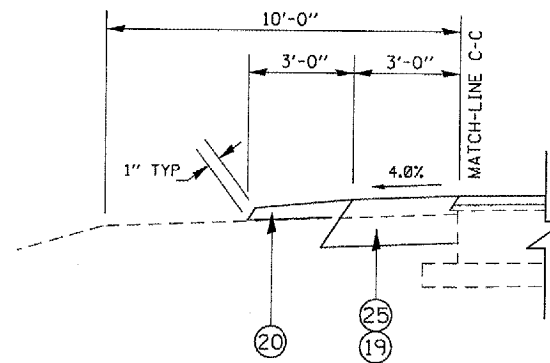


- PART A
- STA 146+99.95 TO STA 165+36.45
 - STA 174+86.30 TO STA 177+93.15
 - STA 189+39.82 TO STA 194+80.95
 - STA 208+45.64 TO STA 220+92.25
 - STA 220+92.25 TO STA 225+11.58 - BRIDGE OMISSION
 - STA 225+11.58 TO STA 245+06.39
 - STA 254+92.42 TO STA 261+50.99
 - * STA 399+40.00 TO STA 446+45.00
 - * STA 446+45.00 TO STA 447+63.00 - PROJECT OMISSION (BY OTHERS)
 - * STA 447+63.00 TO STA 478+00.00 (BK)
 - STA 478+00.00 (BK) = STA 259+79.19 (BK)

NOTE: * STA 441+00.00 TO STA 452+00.00 - PR BIT. CONC. SURF. CSE., 1 1/2"; LEVEL BINDER 1"; TOP LIFT OF BIT. SHLDS. 1 1/2"; AGG. SHLDS.; AND GUARDRAIL REPLACEMENT (BY OTHERS).



- PART A
- LT STA 217+18.85 TO LT STA 217+68.85 - TRANS. 1' BIT. SHLD. TO 8' BIT. SHLD.
 - LT STA 217+68.85 TO LT STA 220+86.93
 - LT STA 220+86.93 TO LT STA 225+06.26 - BRIDGE OMISSION
 - LT STA 225+06.26 TO LT STA 228+07.24
 - RT STA 217+68.85 TO RT STA 220+97.57
 - RT STA 220+97.57 TO RT STA 225+16.90 - BRIDGE OMISSION
 - RT STA 225+16.90 TO RT STA 228+07.24



- PART A
- LT STA 228+07.24 TO LT STA 228+57.24 - TRANS. 8' BIT. SHLD. TO 3' BIT. SHLD.
 - LT STA 228+57.24 TO LT STA 233+14.00
 - RT STA 217+18.85 TO RT STA 217+68.85 - TRANS. 1' BIT. SHLD. TO 8' BIT. SHLD.
 - RT STA 228+07.24 TO RT STA 228+57.24 - TRANS. 8' BIT. SHLD. TO 3' BIT. SHLD.
 - RT STA 228+57.24 TO RT STA 233+14.00
 - RT STA 244+85.00 TO RT STA 245+06.39 - EX CONC. GUTTER ENTRANCE TBR

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

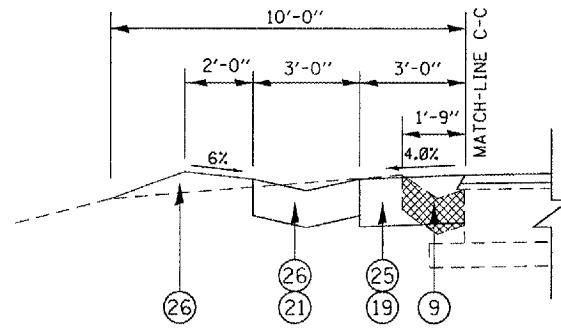
PART A
TYPICAL SECTIONS

SCALE: VERT. _____
HORIZ. _____
DATE 04-07-03

DRAWN BY MAW
CHECKED BY _____

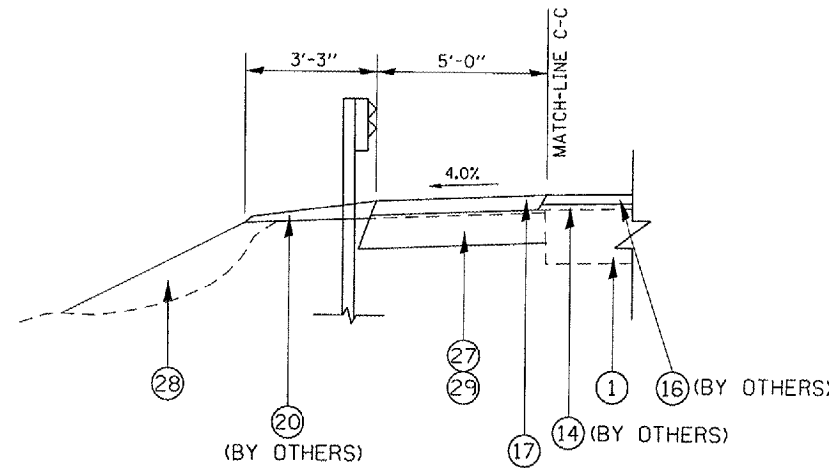
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	74	25
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• 10Z (RS-1); (V,T) R-2; SIRS-4)



PART A

- LT STA 146+99.95 TO LT STA 148+50.00
- LT STA 148+50.00 TO LT STA 148+62.00 - PR TY-A GUTTER INLET
- LT STA 148+62.00 TO LT STA 149+12.00 - TRANS. 3' BIT. SHLD. TO 1' BIT. SHLD. - NO PR GUTTER
- LT STA 208+00.00 TO LT STA 208+50.00 - TRANS. 3' BIT. SHLD. TO 1' BIT. SHLD. - NO PR GUTTER
- LT STA 233+14.00 TO LT STA 233+50.00 - PR TY-A GUTTER OUTLET
- LT STA 233+50.00 TO LT STA 238+96.00 - PR TY-A GUTTER OUTLET
- LT STA 238+96.00 TO LT STA 239+50.00 - PR TY-A GUTTER OUTLET
- LT STA 239+50.00 TO LT STA 245+06.39
- RT STA 233+14.00 TO RT STA 233+50.00 - PR TY-A GUTTER OUTLET
- RT STA 233+50.00 TO RT STA 238+96.00 - PR TY-A GUTTER OUTLET; EX CONC. GUTTER OUTLET, INLET BOX, GRATES, AND CMP DRAIN PIPE TBR
- RT STA 239+50.00 TO RT STA 244+73.00
- RT STA 244+73.00 TO RT STA 244+85.00 - PR GUTTER INLET.



PART A

- LT STA 442+85.00 TO LT STA 444+62.81 - NO PR GUARDRAIL
- LT STA 444+62.81 TO LT STA 446+25.50 - PR GUARDRAIL (BY OTHERS)
- LT STA 446+25.50 TO LT STA 447+91.50 - PR BRIDGE & BRIDGE APPR. PAVEMENT (BY OTHERS)
- LT STA 447+91.50 TO LT STA 450+70.81 - PR GUARDRAIL (BY OTHERS)
- LT STA 450+70.81 TO LT STA 450+94.81 - TRANS. 5' BIT. SHLD. TO 1' BIT. SHLD. - NO PR GUARDRAIL
- RT STA 442+67.00 TO RT STA 443+36.79 - NO PR GUARDRAIL
- RT STA 443+36.79 TO RT STA 446+16.20 - PR GUARDRAIL (BY OTHERS)
- RT STA 446+16.20 TO RT STA 447+91.40 - PR BRIDGE & BRIDGE APPR. PAVEMENT (BY OTHERS)
- RT STA 447+91.40 TO RT STA 449+63.54 - PR GUARDRAIL (BY OTHERS)
- RT STA 449+63.54 TO RT STA 450+65.00 - NO PR GUARDRAIL
- RT STA 450+65.00 TO RT STA 450+74.00 - TRANS. 5' BIT. SHLD. TO 1' BIT. SHLD.

LEGEND

- ① EX PCC PAVEMENT, 9"
- ② EX PCC PAVEMENT, 7"-8"-7"
- ③ EX PCC BASE COURSE WIDENING, 8"
- ④ EX PCC BASE COURSE WIDENING, 9"
- ⑤ EX BITUMINOUS BASE COURSE WIDENING, 8"
- ⑥ EX PCC BASE COURSE, 8"
- ⑦ EX BITUMINOUS CONC. SURFACE
- STA 129+96.00 TO STA 131+20.00 - 2 1/2"
- STA 131+20.00 TO STA 265+80.00 - 0"
- STA 265+80.00 TO STA 321+81.00 - 7" ± 1"
- STA 321+81.00 TO STA 349+61.00 - 0"
- STA 349+61.00 TO STA 399+40.00 - 7" ± 2"
- STA 399+40.00 TO STA 478+00.00 - 0"
- ⑧ EX SUB-BASE GRANULAR MATERIAL
- ⑨ EX CONCRETE GUTTER, TYPE B (TO BE REMOVED)
- ⑩ EX STEEL PLATE BEAM GUARDRAIL
- ⑪ EX COMBINATION CONC. CURB & GUTTER
- ⑫ PR BIT. SURFACE REMOVAL, VAR. DEPTH
- ⑬ PR LEVELING BINDER (MACHINE METHOD), SUPERPAVE, 3/4" AVG. (SEE BIT. MIXTURE TABLE)
- ⑭ PR LEVELING BINDER (MACHINE METHOD), SUPERPAVE, 1" AVG. (SEE BIT. MIXTURE TABLE)
- ⑮ PR LEVELING BINDER (MACHINE METHOD) SUPERPAVE, VAR. DEPTH (1/2" MIN) (SEE BIT. MIXTURE TABLE)
- ⑯ PR BIT. CONCRETE SURFACE COURSE, SUPERPAVE 1 1/2" (SEE BIT. MIXTURE TABLE)
- ⑰ PR BIT. SHLDS, SUPERPAVE, 2-1/2" (SEE BIT. MIXTURE TABLE)
- ⑱ PR BIT. SHLDS, SUPERPAVE, 8" (SEE BIT. MIXTURE TABLE)
- ⑲ PR BIT. SHLDS, SUPERPAVE, 8" (SEE BIT. MIXTURE TABLE)
- ⑳ PR AGG. SHLDS., TYPE B
- ㉑ PR CONC. GUTTER, TY-A (STD 606101)
- ㉒ PR PREFORMED PLASTIC PAVMENT MARKING, TY-B, LINE - 5"
- ㉓ PR PAINT PAVMENT MARKING, LINE - 5"
- ㉔ PR GRADING AND SHAPING SHOULDERS
- ㉕ PR EXCAVATING AND GRADING EX SHLD.
- ㉖ PR EXCAVATING AND GRADING EX SHLD., SPECIAL
- ㉗ PR EARTH EXCAVATION WIDENING
- ㉘ PR EARTH EMBANKMENT
- ㉙ PR BIT. BASE COURSE WIDENING, SUPERPAVE, 10" (SEE BIT. MIXTURE TABLE)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PART A
TYPICAL SECTIONS

SCALE: VERT.
HORIZ.
DATE 04-07-03

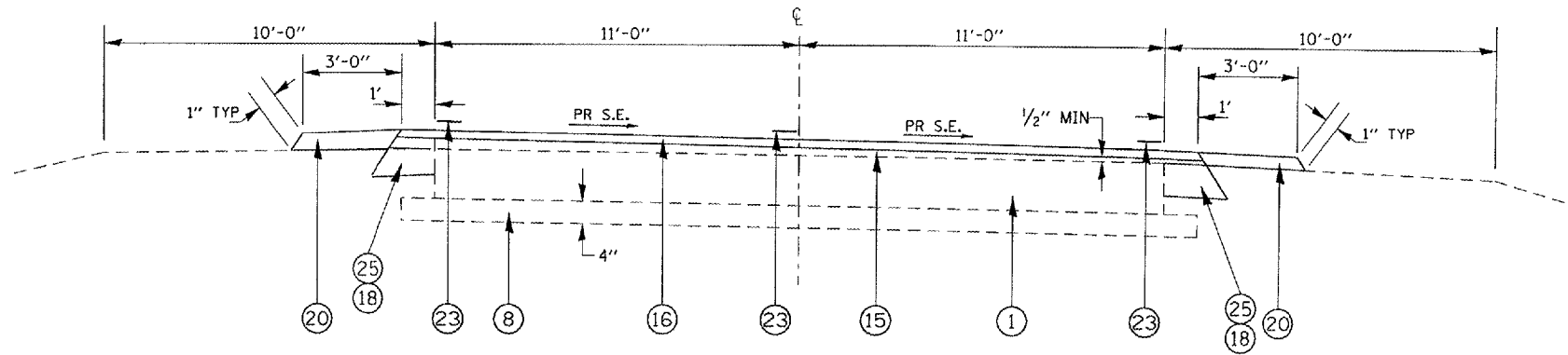
DRAWN BY MAW
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	*	MACOUPIN	74	21
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* 10Z (RS-1); (V,T) R-2; SIRS-4)

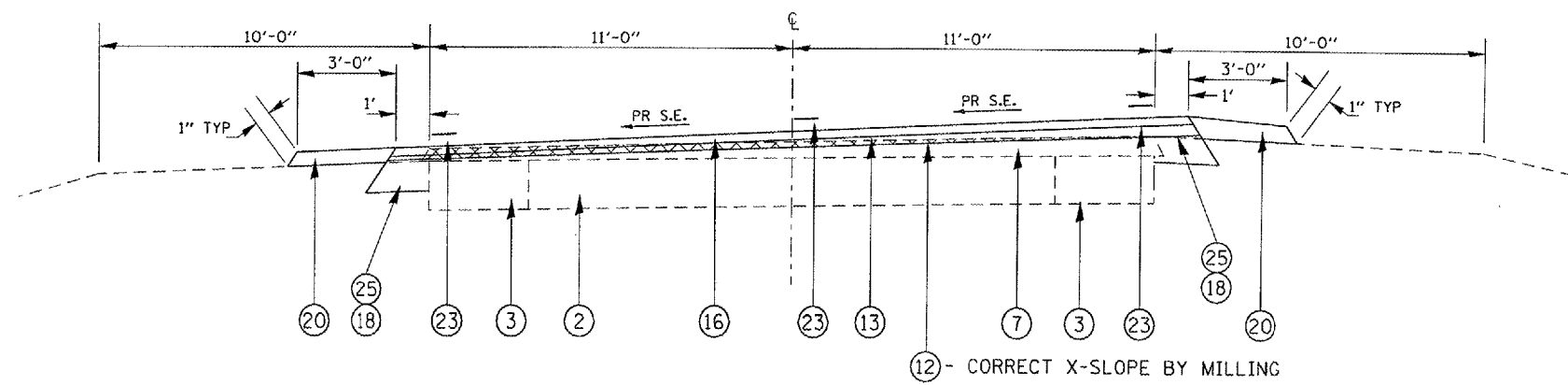
LEGEND

- ① EX PCC PAVEMENT, 9"
- ② EX PCC PAVEMENT, 7"-8"-7"
- ③ EX PCC BASE COURSE WIDENING, 8"
- ④ EX PCC BASE COURSE WIDENING, 9"
- ⑤ EX BITUMINOUS BASE COURSE WIDENING, 8"
- ⑥ EX PCC BASE COURSE, 8"
- ⑦ EX BITUMINOUS CONC. SURFACE
- STA 129+96.00 TO STA 131+20.00 - 2 1/2"
- STA 131+20.00 TO STA 265+80.00 - 0"
- STA 265+80.00 TO STA 321+81.00 - 7" ± 1"
- STA 321+81.00 TO STA 349+61.00 - 0"
- STA 349+61.00 TO STA 399+40.00 - 7" ± 2"
- STA 399+40.00 TO STA 478+00.00 - 0"
- ⑧ EX SUB-BASE GRANULAR MATERIAL
- ⑨ EX CONCRETE GUTTER, TYPE B (TO BE REMOVED)
- ⑩ EX STEEL PLATE BEAM GUARDRAIL
- ⑪ EX COMBINATION CONC. CURB & GUTTER
- ⑫ PR BIT. SURFACE REMOVAL, VAR. DEPTH
- ⑬ PR LEVELING BINDER (MACHINE METHOD), SUPERPAVE, 3/4" AVG. (SEE BIT. MIXTURE TABLE)
- ⑭ PR LEVELING BINDER (MACHINE METHOD), SUPERPAVE, 1" AVG. (SEE BIT. MIXTURE TABLE)
- ⑮ PR LEVELING BINDER (MACHINE METHOD) SUPERPAVE, VAR. DEPTH (1/2" MIN) (SEE BIT. MIXTURE TABLE)
- ⑯ PR BIT. CONCRETE SURFACE COURSE, SUPERPAVE 1 1/2" (SEE BIT. MIXTURE TABLE)
- ⑰ PR BIT. SHLDS, SUPERPAVE, 2-1/2" (SEE BIT. MIXTURE TABLE)
- ⑱ PR BIT. SHLDS, SUPERPAVE, 8" (SEE BIT. MIXTURE TABLE)
- ⑲ PR BIT. SHLDS, SUPERPAVE, 8" (SEE BIT. MIXTURE TABLE)
- ⑳ PR AGG. SHLDS., TYPE B
- ㉑ PR CONC. GUTTER, TY-A (STD 606101)
- ㉒ PR PREFORMED PLASTIC PAVMENT MARKING, TY-B, LINE - 5"
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- ㉕ PR EXCAVATING AND GRADING EX SHLD.
- ㉖ PR EXCAVATING AND GRADING EX SHLD., SPECIAL
- ㉗ PR EARTH EXCAVATION WIDENING
- ㉘ PR EARTH EMBANKMENT
- ㉙ PR BIT. BASE COURSE WIDENING, SUPERPAVE, 10" (SEE BIT. MIXTURE TABLE)



PART A STA 177+93.15 TO STA 179+37.96 - SE TRANS.
 STA 179+37.96 TO STA 187+95.01 - EX SE = 3.20%; PR SE = 4.43%
 STA 187+95.01 TO STA 189+39.82 - SE TRANS.

STA 321+81.00 TO STA 323+36.30 - PART OF SE TRANS.
 STA 323+36.30 TO STA 348+05.94 - EX SE = 4.30%; PR SE = 4.94%
 STA 348+05.94 TO STA 349+61.00 - PART OF SE TRANS.



PART A STA 265+80.00 TO STA 266+95.63 - EX SE = 2.00%; PR SE = 2.71%
 STA 266+95.63 TO STA 267+61.84 - SE TRANS. (2.71% TO 0.00%)

STA 275+80.79 TO STA 276+82.62 - SE TRANS.
 STA 276+82.62 TO STA 283+08.65 - EX SE = 2.00%; PR SE = 2.67%
 STA 283+08.65 TO STA 284+10.48 - SE TRANS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

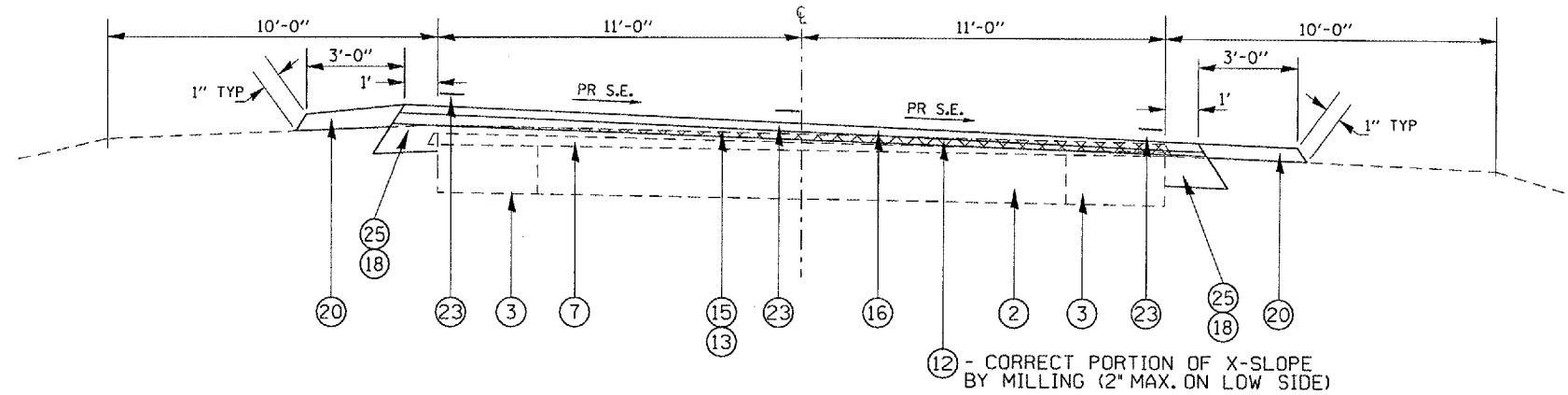
PART A TYPICAL SECTIONS

SCALE: VERT.
 HORIZ.
 DATE: 04-07-03

DRAWN BY MAW
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	74	27
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

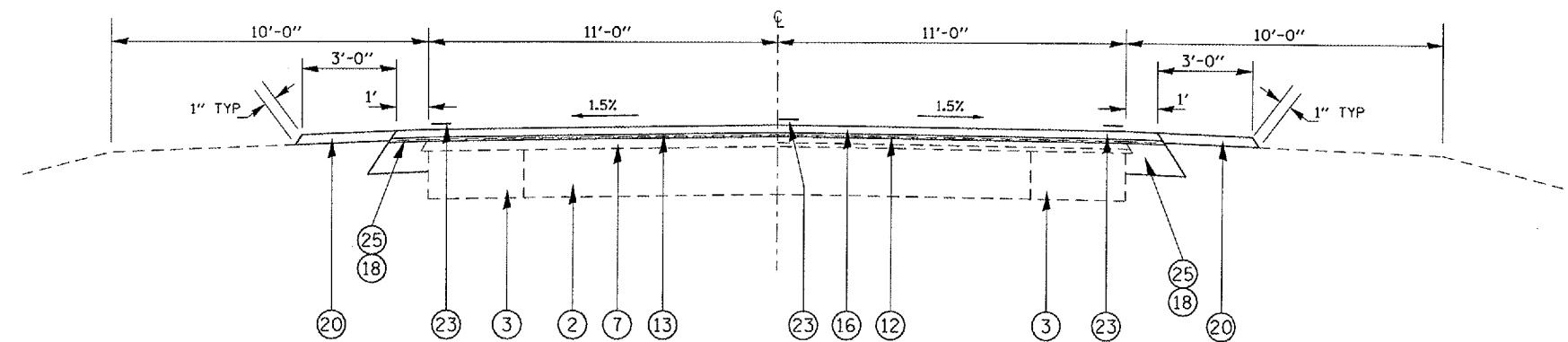
• 10Z (RS-1); (V,T) R-2; SRS-4



PART A STA 267+61.84 TO STA 268+60.25 - SE TRANS. (0.00% TO 2.30%)
 STA 268+60.25 TO STA 272+31.43 - EX SE = 2.30%; PR SE = 4.03%
 STA 272+31.43 TO STA 273+66.47 - SE TRANS.

STA 288+89.65 TO STA 289+62.91 - SE TRANS.
 STA 289+62.91 TO STA 297+66.62 - EX SE = 2.00%; PR SE = 1.50%
 STA 297+66.62 TO STA 298+39.88 - SE TRANS.

STA 321+79.04 TO STA 321+81.00 - PART OF SE TRANS.
 STA 349+61.00 TO STA 349+63.20 - PART OF SE TRANS.



PART A STA 273+66.47 TO STA 275+80.79
 STA 284+10.48 TO STA 288+89.65
 STA 298+39.88 TO STA 321+79.04
 STA 349+63.20 TO STA 378+78.00

STA 383+40.00 TO STA 399+40.00

LEGEND

- ① EX PCC PAVEMENT, 9"
- ② EX PCC PAVEMENT, 7"-8"-7"
- ③ EX PCC BASE COURSE WIDENING, 8"
- ④ EX PCC BASE COURSE WIDENING, 9"
- ⑤ EX BITUMINOUS BASE COURSE WIDENING, 8"
- ⑥ EX PCC BASE COURSE, 8"
- ⑦ EX BITUMINOUS CONC. SURFACE
 STA 129+96.00 TO STA 131+20.00 - 2 1/2"
 STA 131+20.00 TO STA 265+80.00 - 0"
 STA 265+80.00 TO STA 321+81.00 - 7" ± 1"
 STA 321+81.00 TO STA 349+61.00 - 0"
 STA 349+61.00 TO STA 399+40.00 - 7" ± 2"
 STA 399+40.00 TO STA 478+00.00 - 0"
- ⑧ EX SUB-BASE GRANULAR MATERIAL
- ⑨ EX CONCRETE GUTTER, TYPE B (TO BE REMOVED)
- ⑩ EX STEEL PLATE BEAM GUARDRAIL
- ⑪ EX COMBINATION CONC. CURB & GUTTER
- ⑫ PR BIT. SURFACE REMOVAL, VAR. DEPTH
- ⑬ PR LEVELING BINDER (MACHINE METHOD), SUPERPAVE, 3/4" AVG. (SEE BIT. MIXTURE TABLE)
- ⑭ PR LEVELING BINDER (MACHINE METHOD), SUPERPAVE, 1" AVG. (SEE BIT. MIXTURE TABLE)
- ⑮ PR LEVELING BINDER (MACHINE METHOD) SUPERPAVE, VAR. DEPTH (1/2" MIN) (SEE BIT. MIXTURE TABLE)
- ⑯ PR BIT. CONCRETE SURFACE COURSE, SUPERPAVE 1 1/2" (SEE BIT. MIXTURE TABLE)
- ⑰ PR BIT. SHLDS, SUPERPAVE, 2-1/2" (SEE BIT. MIXTURE TABLE)
- ⑱ PR BIT. SHLDS, SUPERPAVE, 8" (SEE BIT. MIXTURE TABLE)
- ⑲ PR BIT. SHLDS, SUPERPAVE, 8" (SEE BIT. MIXTURE TABLE)
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- ㉑ PR CONC. GUTTER, TY-A (STD 606101)
- ㉒ PR PREFORMED PLASTIC PAVMENT MARKING, TY-B, LINE - 5"
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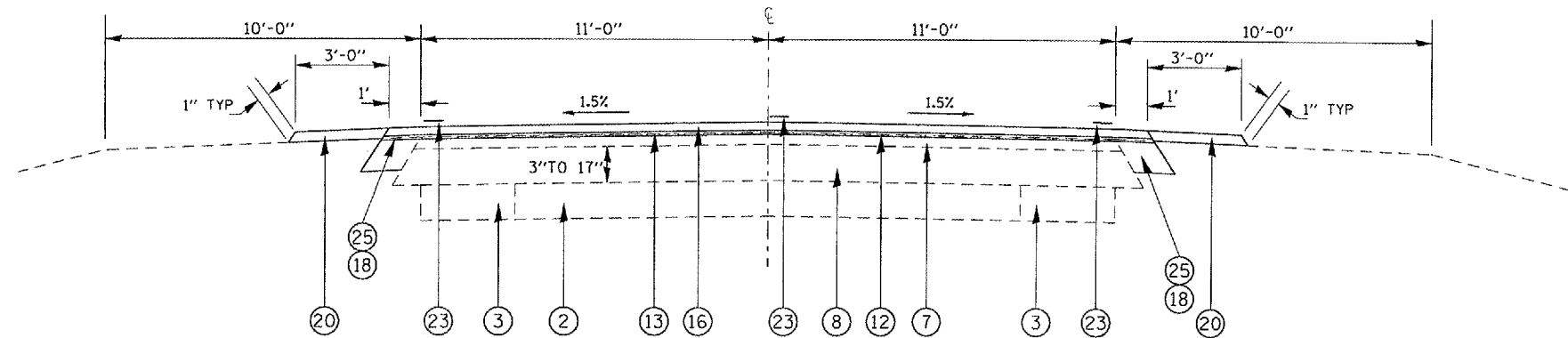
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PART A
TYPICAL SECTIONS

SCALE: VERT. _____
 HORIZ. _____
 DATE 04-07-03
 DRAWN BY MAW
 CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	74	28
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• 102 (RS-1); (V,T) R-2; SRS-4



PART A STA 378+78.00 TO STA 379+90.00
 STA 379+90.00 TO STA 381+45.00 - NO (3) EX - (11) OVER 17" THICK
 STA 381+45.00 TO STA 383+40.00

LEGEND

- (1) EX PCC PAVEMENT, 9"
- (2) EX PCC PAVEMENT, 7"-8"-7"
- (3) EX PCC BASE COURSE WIDENING, 8"
- (4) EX PCC BASE COURSE WIDENING, 9"
- (5) EX BITUMINOUS BASE COURSE WIDENING, 8"
- (6) EX PCC BASE COURSE, 8"
- (7) EX BITUMINOUS CONC. SURFACE
- STA 129+96.00 TO STA 131+20.00 - 2 1/2"
- STA 131+20.00 TO STA 265+80.00 - 0"
- STA 265+80.00 TO STA 321+81.00 - 7" ± 1"
- STA 321+81.00 TO STA 349+61.00 - 0"
- STA 349+61.00 TO STA 399+40.00 - 7" ± 2"
- STA 399+40.00 TO STA 478+00.00 - 0"
- (8) EX SUB-BASE GRANULAR MATERIAL
- (9) EX CONCRETE GUTTER, TYPE B (TO BE REMOVED)
- (10) EX STEEL PLATE BEAM GUARDRAIL
- (11) EX COMBINATION CONC. CURB & GUTTER
- (12) PR BIT. SURFACE REMOVAL, VAR. DEPTH
- (13) PR LEVELING BINDER (MACHINE METHOD), SUPERPAVE, 3/4" AVG. (SEE BIT. MIXTURE TABLE)
- (14) PR LEVELING BINDER (MACHINE METHOD), SUPERPAVE, 1" AVG. (SEE BIT. MIXTURE TABLE)
- (15) PR LEVELING BINDER (MACHINE METHOD) SUPERPAVE, VAR. DEPTH (1/2" MIN) (SEE BIT. MIXTURE TABLE)
- (16) PR BIT. CONCRETE SURFACE COURSE, SUPERPAVE 1 1/2" (SEE BIT. MIXTURE TABLE)
- (17) PR BIT. SHLDS, SUPERPAVE, 2-1 1/2" (SEE BIT. MIXTURE TABLE)
- (18) PR BIT. SHLDS, SUPERPAVE, 8" (SEE BIT. MIXTURE TABLE)
- (19) PR BIT. SHLDS, SUPERPAVE, 8" (SEE BIT. MIXTURE TABLE)
- (20) PR AGG. SHLDS., TYPE B
- (21) PR CONC. GUTTER, TY-A (STD 606101)
- (22) PR PREFORMED PLASTIC PAVMENT MARKING, TY-B, LINE - 5"
- (23) PR PAINT PAVMENT MARKING, LINE - 5"
- (24) PR GRADING AND SHAPING SHOULDERS
- (25) PR EXCAVATING AND GRADING EX SHLD.
- (26) PR EXCAVATING AND GRADING EX SHLD., SPECIAL
- (27) PR EARTH EXCAVATION WIDENING
- (28) PR EARTH EMBANKMENT
- (29) PR BIT. BASE COURSE WIDENING, SUPERPAVE, 10" (SEE BIT. MIXTURE TABLE)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PART A
TYPICAL SECTIONS

SCALE: VERT. DRAWN BY MAW
 DATE 04-07-03 CHECKED BY

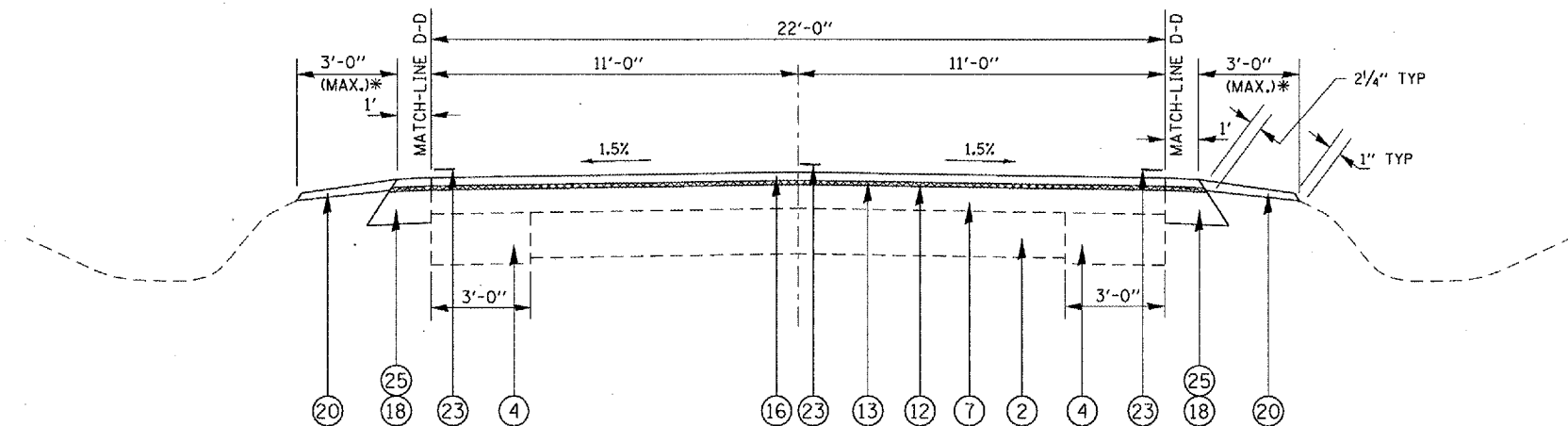
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 • DATE-TIME
 • REF#1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	74	29
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

• 102 (RS-1) (V.T) R-2; SRS-4)

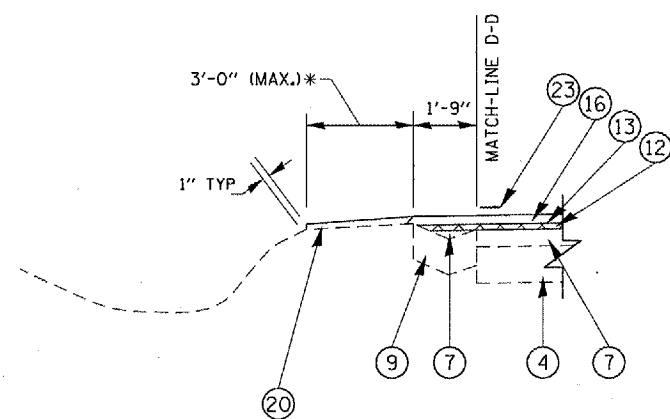
LEGEND

- ① EX PCC PAVEMENT, 9"
- ② EX PCC PAVEMENT, 7"-8"-7"
- ③ EX PCC BASE COURSE WIDENING, 8"
- ④ EX PCC BASE COURSE WIDENING, 9"
- ⑤ EX BITUMINOUS BASE COURSE WIDENING, 8"
- ⑥ EX PCC BASE COURSE, 8"
- ⑦ EX BITUMINOUS CONC. SURFACE
- ⑧ STA 38+00.00 TO STA 140+60.00 - 7"
- ⑨ STA 140+60.00 TO STA 150+00.00 - 5 1/2"
- ⑩ STA 150+00.00 TO STA 153+24.00 - 5 1/2" + 2"(TOP LIFT)
- ⑪ STA 153+24.00 TO STA 154+07.00 - 2"
- ⑫ STA 154+07.00 TO STA 157+70.00 - 5 1/2" + 2"(TOP LIFT)
- ⑬ STA 157+70.00 TO STA 259+79.19(BK) - 7"
- ⑭ EX SUB-BASE GRANULAR MATERIAL
- ⑮ EX CONCRETE GUTTER, TYPE B
- ⑯ EX STEEL PLATE BEAM GUARDRAIL
- ⑰ EX COMBINATION CONC. CURB & GUTTER
- ⑱ PR BIT. SURFACE REMOVAL, VAR. DEPTH
- ⑲ PR LEVELING BINDER (MACHINE METHOD), SUPERPAVE, 3/4" AVG. (SEE BIT. MIXTURE TABLE)
- ⑳ PR LEVELING BINDER (MACHINE METHOD), SUPERPAVE, 1" AVG. (SEE BIT. MIXTURE TABLE)
- ㉑ PR LEVELING BINDER (MACHINE METHOD) SUPERPAVE, VAR. DEPTH (1/2" MIN) (SEE BIT. MIXTURE TABLE)
- ㉒ PR BIT. CONCRETE SURFACE COURSE, SUPERPAVE 1 1/2" (SEE BIT. MIXTURE TABLE)
- ㉓ PR BIT. SHLDS, SUPERPAVE, 2-1/2" (SEE BIT. MIXTURE TABLE)
- ㉔ PR BIT. SHLDS, SUPERPAVE, 8" (SEE BIT. MIXTURE TABLE)
- ㉕ PR BIT. SHLDS, SUPERPAVE, 8" (SEE BIT. MIXTURE TABLE)
- ㉖ PR AGG. SHLDS., TYPE B
- ㉗ PR CONC. GUTTER, TY-A (STD 606101)
- ㉘ PR PREFORMED PLASTIC PAVMENT MARKING, TY-B, LINE - 5"
- ㉙ PR PAINT PAVMENT MARKING, LINE - 5"
- ㉚ PR GRADING AND SHAPING SHOULDERS
- ㉛ PR EXCAVATING AND GRADING EX SHLD.
- ㉜ PR EXCAVATING AND GRADING EX SHLD., SPECIAL
- ㉝ PR EARTH EXCAVATION WIDENING
- ㉞ PR EARTH EMBANKMENT
- ㉟ PR BIT. BASE COURSE WIDENING, SUPERPAVE, 10" (SEE BIT. MIXTURE TABLE)



PART B STA 38+00.00 TO STA 140+60.00
 STA 140+60.00 TO STA 150+00.00
 STA 157+70.00 TO STA 201+90.00
 STA 201+90.00 TO STA 202+00.00 - RAILROAD OMISSION
 STA 202+00.00 TO STA 259+79.19 (BK)

NOTE: AT CH 56 (LT STA 255+00 ±), A NEW PCC PAVEMENT HAS BEEN CONSTRUCTED UP TO THE EDGE OF IL 4 PAVEMENT; THEREFORE, MILL 2 1/4" & RESURF. 2 1/4" TO CREATE A BUTT JOINT AT EDGE OF PAVEMENT OF IL 4



STATION EQUATION

PART B STA 259+79.19 (BK) = STA 478+00.00 (BK)

EX GUTTER SECTION

LT & RT STA 143+20.00 TO STA 150+00.00
 LT & RT STA 246+16.00 TO STA 259+79.19 (BK)

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		PART B TYPICAL SECTIONS

SCALE: VERT. _____
 HORIZ. _____
 DATE 04-07-03

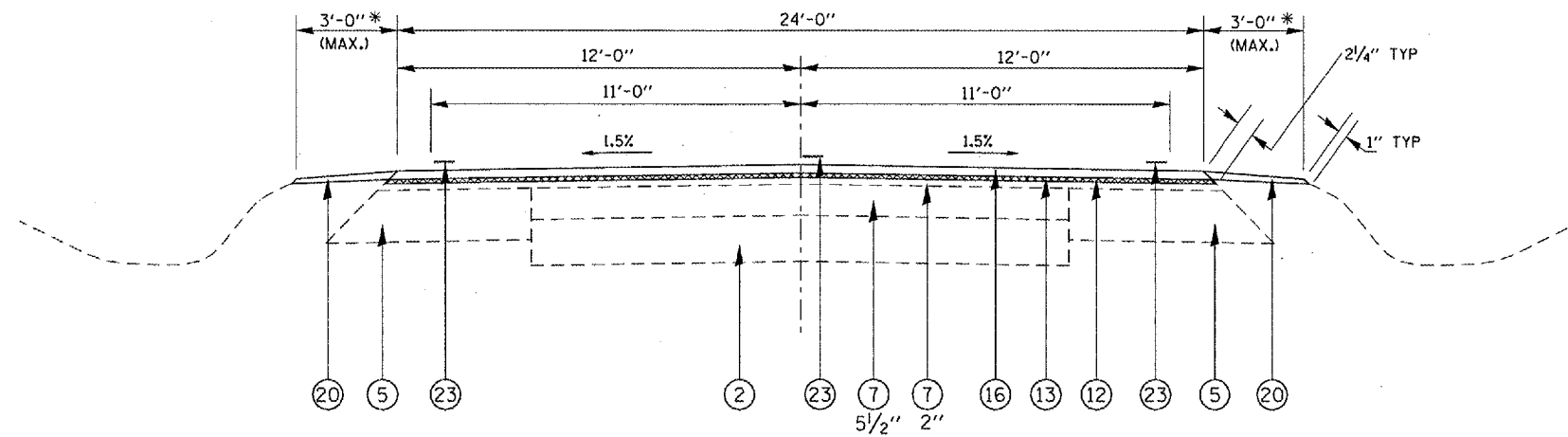
DRAWN BY MAW
 CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
662	-	MACOUPIN	74 30
STA.		TO STA.	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

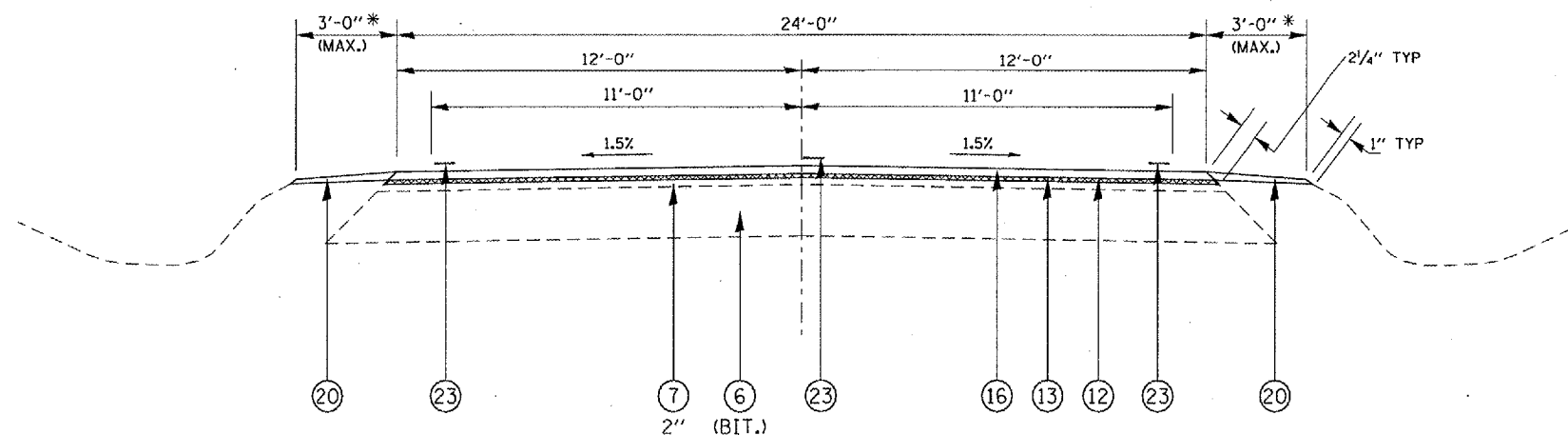
• 10Z (RS-1); (V,T) R-2; SRS-4)

LEGEND

- ① EX PCC PAVEMENT, 9"
- ② EX PCC PAVEMENT, 7'-8"-7"
- ③ EX PCC BASE COURSE WIDENING, 8"
- ④ EX PCC BASE COURSE WIDENING, 9"
- ⑤ EX BITUMINOUS BASE COURSE WIDENING, 8"
- ⑥ EX PCC BASE COURSE, 8"
- ⑦ EX BITUMINOUS CONC. SURFACE
- STA 38+00.00 TO STA 140+60.00 - 7"
- STA 140+60.00 TO STA 150+00.00 - 5 1/2"
- STA 150+00.00 TO STA 153+24.00 - 5 1/2" + 2"(TOP LIFT)
- STA 153+24.00 TO STA 154+07.00 - 2"
- STA 154+07.00 TO STA 157+70.00 - 5 1/2" + 2"(TOP LIFT)
- STA 157+70.00 TO STA 259+79.19(BK) - 7"
- ⑧ EX SUB-BASE GRANULAR MATERIAL
- ⑨ EX CONCRETE GUTTER, TYPE B
- ⑩ EX STEEL PLATE BEAM GUARDRAIL
- ⑪ EX COMBINATION CONC. CURB & GUTTER
- ⑫ PR BIT. SURFACE REMOVAL, VAR. DEPTH
- ⑬ PR LEVELING BINDER (MACHINE METHOD), SUPERPAVE, 3/4" AVG. (SEE BIT. MIXTURE TABLE)
- ⑭ PR LEVELING BINDER (MACHINE METHOD), SUPERPAVE, 1" AVG. (SEE BIT. MIXTURE TABLE)
- ⑮ PR LEVELING BINDER (MACHINE METHOD) SUPERPAVE, VAR. DEPTH (1/2" MIN) (SEE BIT. MIXTURE TABLE)
- ⑯ PR BIT. CONCRETE SURFACE COURSE, SUPERPAVE 1 1/2" (SEE BIT. MIXTURE TABLE)
- ⑰ PR BIT. SHLDS, SUPERPAVE, 2-1/2" (SEE BIT. MIXTURE TABLE)
- ⑱ PR BIT. SHLDS, SUPERPAVE, 8" (SEE BIT. MIXTURE TABLE)
- ⑲ PR BIT. SHLDS, SUPERPAVE, 8" (SEE BIT. MIXTURE TABLE)
- ⑳ PR AGG. SHLDS., TYPE B
- ㉑ PR CONC. GUTTER, TY-A (STD 606101)
- ㉒ PR PREFORMED PLASTIC PAVMENT MARKING, TY-B, LINE - 5"
- ㉓ PR PAINT PAVMENT MARKING, LINE - 5"
- ㉔ PR GRADING AND SHAPING SHOULDERS
- ㉕ PR EXCAVATING AND GRADING EX SHLD.
- ㉖ PR EXCAVATING AND GRADING EX SHLD., SPECIAL
- ㉗ PR EARTH EXCAVATION WIDENING
- ㉘ PR EARTH EMBANKMENT
- ㉙ PR BIT. BASE COURSE WIDENING, SUPERPAVE, 10" (SEE BIT. MIXTURE TABLE)



PART B STA 150+00.00 TO STA 153+24.00
STA 154+07.00 TO STA 157+70.00

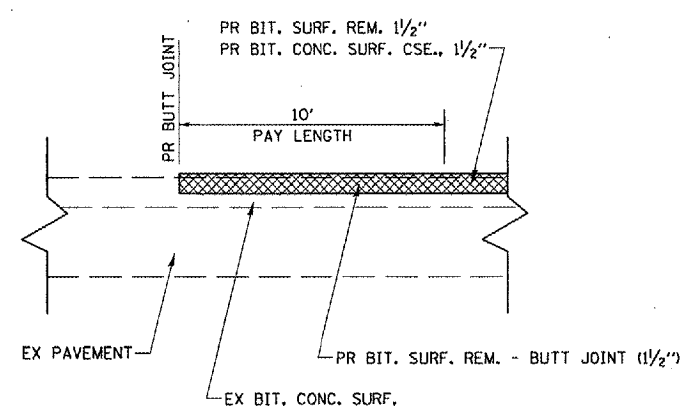


PART B STA 153+24.00 TO STA 154+07.00

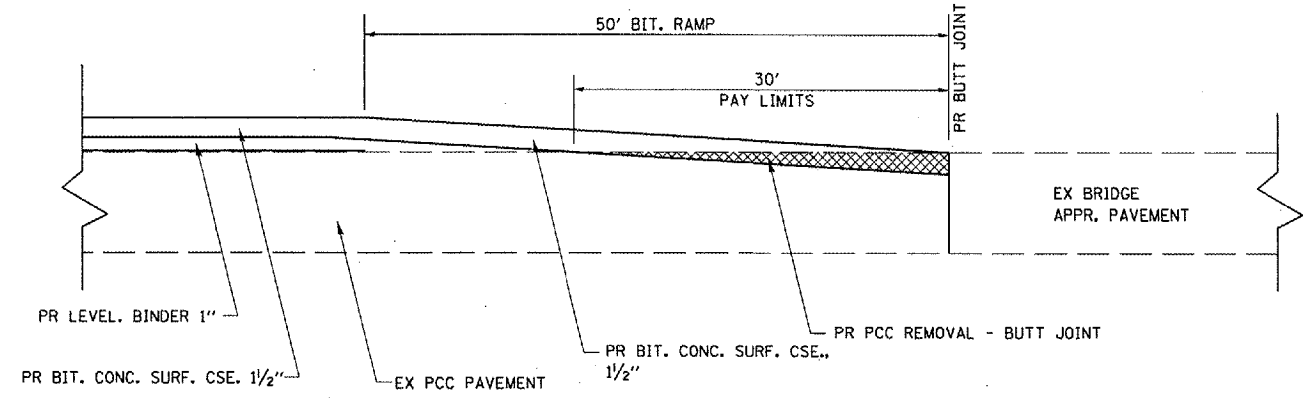
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		PART B TYPICAL SECTIONS

SCALE: VERT. DATE 04-07-03
DRAWN BY MAW
CHECKED BY

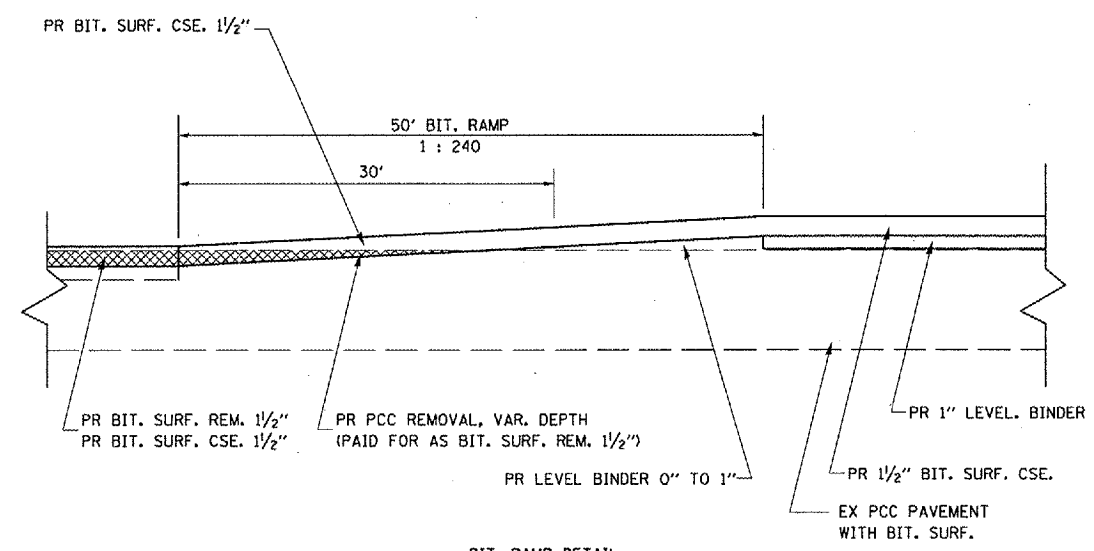
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			74	31
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 10Z(RS-1)(V), TRS-2(SRS-4)				



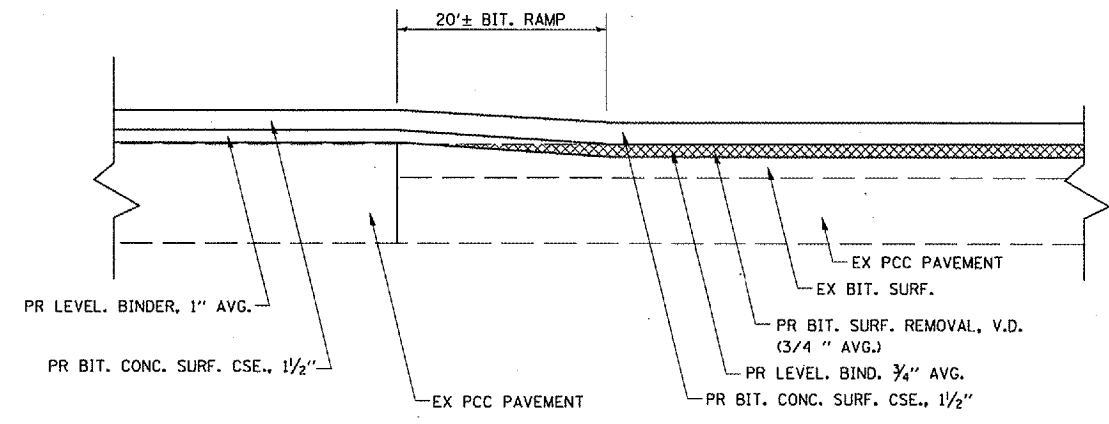
PART A
 BUTT JOINT DETAIL LOCATION
 STA. 98+45+93 (IL 4, S. SIDE OF SQUARE)
 STA. 7+62.45 (IL 108)



PART A
 BIT. RAMP DETAIL
 STA 220+42.55 TO STA 220+92.25
 STA 225+11.58 TO STA 225+61.58



PART A
 BIT. RAMP DETAIL
 LT STA 131+14.00 TO LT STA 131+64.00
 RT STA 131+23.00 TO RT STA 131+73.00



PART A
 BIT. RAMP DETAIL
 STA 265+80.00 TO STA 266+00.00
 STA 321+61.00 TO STA 321+81.00
 STA 349+61.00 TO STA 349+81.00
 STA 399+20.00 TO STA 399+40.00

PART B
 STA 259+59.19 TO STA 259+79.19 (BK)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

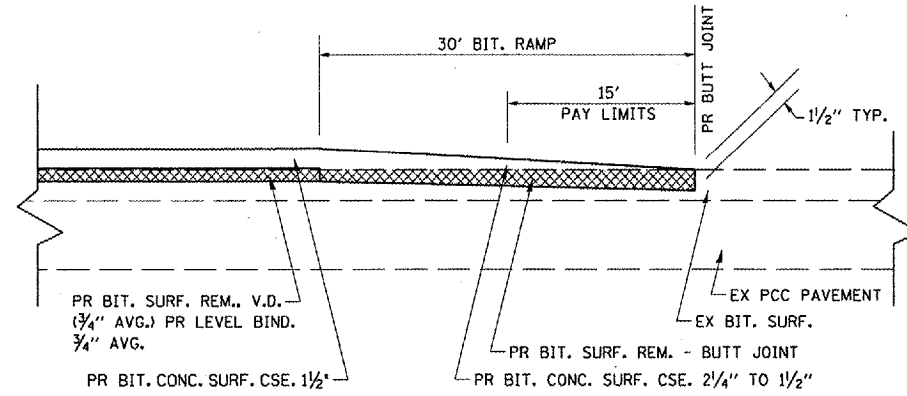
BUTT JOINT DETAILS

SCALE: VERT. / HORIZ. / DATE

DRAWN BY / CHECKED BY

PLOT DATE = 2/24/2005
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 PLOT SCALE = 41.3725 / IN.
 USER NAME = mwoodley

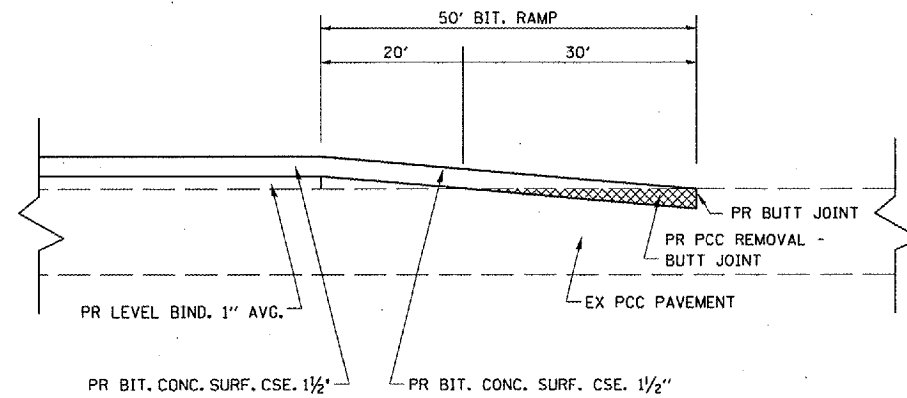
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			74	32
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 10ZIR5-1;IV,T;RS-2;S;RS-4				



BIT. RAMP DETAIL

PART B

STA 38+00.00 TO STA 38+30.00
 STA 201+60.00 TO STA 201+90.00 - PR BUTT JOINT
 AT RAILROAD CROSSING
 STA 202+00.00 TO STA 202+30.00 - PR BUTT JOINT
 AT RAILROAD CROSSING



BIT. RAMP DETAIL

PART A

STA 441+00.00 TO STA 441+50.00
 STA 451+50.00 TO STA 452+00.00

DATE = 2/29/2005
 FILE NAME = I:\projects\72405\as\as11.dgn
 PLOT SCALE = 1/8" = 1' / IN.
 USER NAME = woodrj

REVISIONS	
NAME	DATE

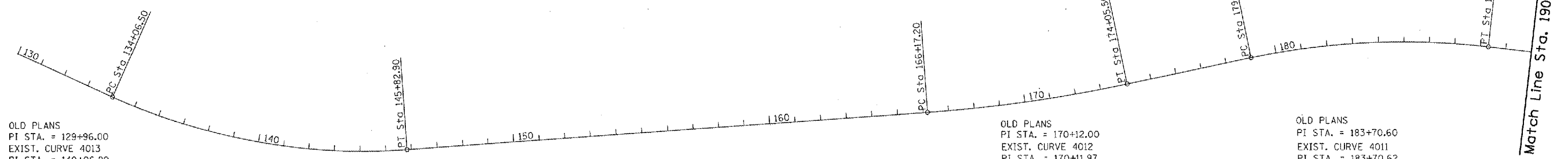
ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT DETAILS

SCALE: VERT.
 HORIZ.
 DATE

DRAWN BY
 CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			74	33
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



OLD PLANS
 PI STA. = 129+96.00
 EXIST. CURVE 4013
 PI STA. = 140+06.90
 $\Delta = 28^\circ 14' 00''$ (LT)
 $D = 2^\circ 24' 00''$
 $R = 2,387.35'$
 $T = 600.40'$
 $L = 1,176.40'$
 $E = 74.34'$
 $e = \text{-----}$
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 134+06.50
 P.T. STA. = 145+82.90
 EX SE = 4.20%

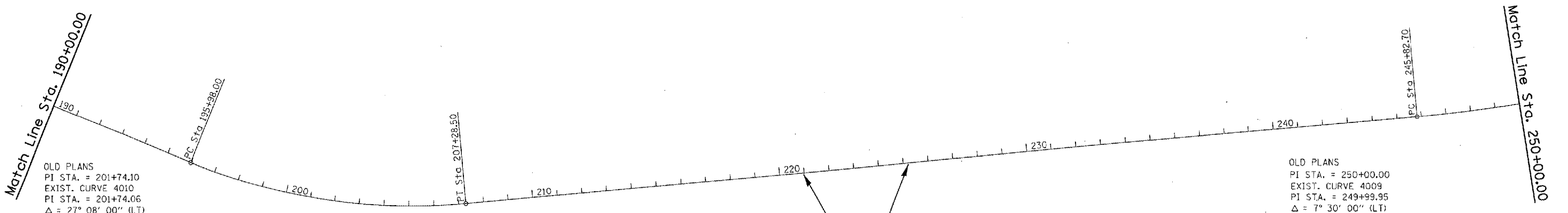
PR SE = 4.94%
 $L = 120.63'$
 $TR = 36.63'$
 SE TRANS:
 LT 133+62.71 TO LT 134+46.71
 RT 132+89.45 TO RT 134+46.71
 LT 145+42.69 TO LT 146+26.69
 RT 145+42.69 TO RT 146+99.95

OLD PLANS
 PI STA. = 170+12.00
 EXIST. CURVE 4012
 PI STA. = 170+11.97
 $\Delta = 7^\circ 53' 00''$ (LT)
 $D = 1^\circ 00' 00''$
 $R = 5,729.34'$
 $T = 394.77'$
 $L = 788.30'$
 $E = 13.58'$
 $e = \text{-----}$
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 166+17.20
 P.T. STA. = 174+05.50
 EX SE = 2.00%

PR SE = 2.71%
 $L = 66.18'$
 $TR = 36.63'$
 SE TRANS:
 LT 166+09.71 TO LT 166+39.26
 RT 165+36.45 TO RT 166+39.26
 LT 173+83.49 TO LT 174+13.04
 RT 173+83.49 TO RT 174+86.30

OLD PLANS
 PI STA. = 183+70.60
 EXIST. CURVE 4011
 PI STA. = 183+70.62
 $\Delta = 18^\circ 35' 00''$ (RT)
 $D = 2^\circ 00' 00''$
 $R = 2,864.89'$
 $T = 468.72'$
 $L = 929.20'$
 $E = 38.09'$
 $e = \text{-----}$
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 179+01.90
 P.T. STA. = 188+31.10
 EX SE = 3.20%

PR SE = 4.43%
 $L = 108.18'$
 $TR = 36.63'$
 SE TRANS:
 LT 177+93.15 TO LT 179+37.96
 RT 178+66.41 TO RT 179+37.96
 LT 187+95.01 TO LT 189+39.82
 RT 187+95.01 TO RT 188+66.56



OLD PLANS
 PI STA. = 201+74.10
 EXIST. CURVE 4010
 PI STA. = 201+74.06
 $\Delta = 27^\circ 08' 00''$ (LT)
 $D = 2^\circ 24' 00''$
 $R = 2,387.21'$
 $T = 576.06'$
 $L = 1,130.50'$
 $E = 68.52'$
 $e = \text{-----}$
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 195+28.00
 P.T. STA. = 207+28.50
 EX SE = 4.20%

PR SE = 4.94%
 $L = 120.63'$
 $TR = 36.63'$
 SE TRANS:
 LT 195+54.21 TO LT 196+38.21
 RT 194+80.95 TO RT 196+38.21
 LT 206+88.38 TO LT 207+72.38
 RT 206+88.38 TO RT 208+45.64

BRIDGE OMISSION, SN 059-0007
 STA 220+92.25 TO STA 225+11.58
 (IL 4 OVER MACOUPIN CREEK)

OLD PLANS
 PI STA. = 250+00.00
 EXIST. CURVE 4009
 PI STA. = 249+99.95
 $\Delta = 7^\circ 30' 00''$ (LT)
 $D = 0^\circ 54' 00''$
 $R = 6,365.94'$
 $T = 417.25'$
 $L = 833.30'$
 $E = 13.66'$
 $e = \text{-----}$
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 245+82.70
 P.T. STA. = 254+16.00
 EX SE = 2.60%

PR SE = 2.44%
 $L = 59.58'$
 $TR = 36.63'$
 SE TRANS:
 LT 245+79.65 TO LT 246+02.60
 RT 245+06.39 TO RT 246+02.60
 LT 253+96.21 TO LT 254+19.16
 RT 253+96.21 TO RT 254+92.42

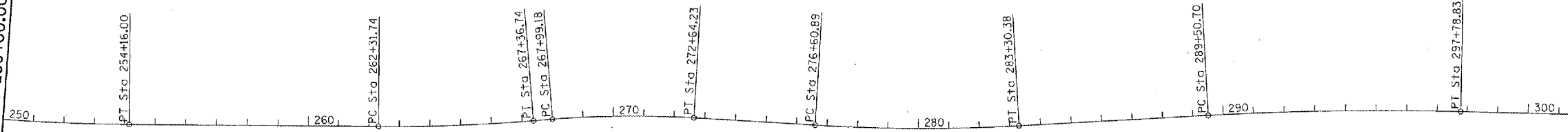
PLT DATE = 3/22/2006
 FILE NAME = \\s022822\hwal\plgout.dgn
 PLOT SCALE = 433.7341 / IN.
 USER NAME = woodsej

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			74	34
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



Match Line Sta. 250+00.00

Match Line Sta. 310+00.00



PR SE = 2.71%
 L = 66.18'
 TR = 36.63'
 SE TRANS:
 LT 262+24.25 TO LT 262+53.80
 RT 261+50.99 TO RT 262+53.80
 LT 266+95.63 TO LT 267+61.84(0.00%)
 RT 266+95.63 TO RT 267+61.84(0.00%)

OLD PLANS
 PI STA. = 264+84.40
 EXIST. CURVE 4008
 PI STA. = 264+84.40
 $\Delta = 5^\circ 03' 00''$ (LT)
 $D = 1^\circ 00' 00''$
 R = 5,729.58'
 T = 252.66'
 L = 505.00'
 E = 5.57'
 $e =$ -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 262+31.74
 P.T. STA. = 267+36.74
 EX SE = 2.00%

OLD PLANS
 PI STA. = 270+32.08
 EXIST. CURVE 4007
 PI STA. = 270+32.08
 $\Delta = 7^\circ 59' 00''$ (RT)
 $D = 1^\circ 43' 00''$
 R = 3,337.63'
 T = 232.90'
 L = 465.05'
 E = 8.12'
 $e =$ -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 267+99.18
 P.T. STA. = 272+64.23
 EX SE = 2.30%

PR SE = 4.03%
 L = 98.41'
 TR = 36.63'
 SE TRANS:
 LT 267+61.84(0.00%) TO LT 268+60.25
 RT 267+61.84(0.00%) TO RT 268+60.25
 LT 272+31.43 TO LT 273+66.47
 RT 272+31.43 TO RT 272+93.21

OLD PLANS
 PI STA. = 279+96.00
 EXIST. CURVE 4006
 PI STA. = 279+96.00
 $\Delta = 6^\circ 35' 00''$ (LT)
 $D = 0^\circ 59' 00''$
 R = 5,826.68'
 T = 335.11'
 L = 669.49'
 E = 9.63'
 $e =$ -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 276+60.89
 P.T. STA. = 283+30.38
 EX SE = 2.00%

PR SE = 2.67%
 L = 65.20'
 TR = 36.63'
 SE TRANS:
 LT 276+54.05 TO LT 276+82.62
 RT 275+80.79 TO RT 276+82.62
 LT 283+08.65 TO LT 283+37.22
 RT 283+08.65 TO RT 284+10.48

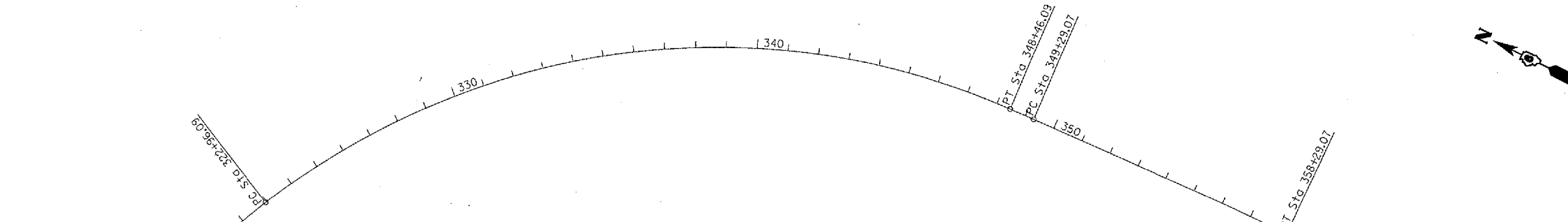
OLD PLANS
 PI STA. = 293+64.97
 EXIST. CURVE 4005
 PI STA. = 293+64.97
 $\Delta = 4^\circ 25' 00''$ (RT)
 $D = 0^\circ 32' 00''$
 R = 10,743.02'
 T = 414.27'
 L = 828.13'
 E = 7.98'
 $e =$ -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 289+50.70
 P.T. STA. = 297+78.83
 EX SE = 2.00%

PR SE = 1.50%
 L = 36.63'
 TR = 36.63'
 SE TRANS:
 LT 288+89.65 TO LT 289+62.91
 LT 297+66.62 TO LT 298+39.88

PLT DATE = 2/22/2005
 PLOT NAME = c:\projects\72405\plott\highwayout.dgn
 PLOT SCALE = 433.7341 / IN.
 USER NAME = woodley

Match Line Sta. 310+00.00

Match Line Sta. 370+00.00



OLD PLANS
 PI STA. = 337+07.98
 EXIST. CURVE 4003
 PI STA. = 337+07.95
 $\Delta = 61^\circ 12' 00''$ (RT)
 $D = 2^\circ 24' 00''$
 R = 2,387.32'
 T = 1,411.86'
 L = 2,550.00'
 E = 386.24'
 $e =$ -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 322+96.09
 P.T. STA. = 348+46.09
 EX SE = 4.30%

PR SE = 4.94%
 L = 120.63'
 TR = 36.63'
 SE TRANS:
 LT 321+79.04 TO LT 323+36.30
 RT 322+52.30 TO RT 323+36.30
 LT 348+05.94 TO LT 349+63.20
 RT 348+05.94 TO RT 348+89.94

OLD PLANS
 PI STA. = 353+79.10
 EXIST. CURVE 4002
 PI STA. = 353+79.10
 $\Delta = 1^\circ 30' 00''$ (RT)
 $D = 0^\circ 10' 00''$
 R = 34,377.47'
 T = 450.03'
 L = 900.00'
 E = 2.95'
 $e =$ -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 349+29.07
 P.T. STA. = 358+29.07
 EX SE = N.C.

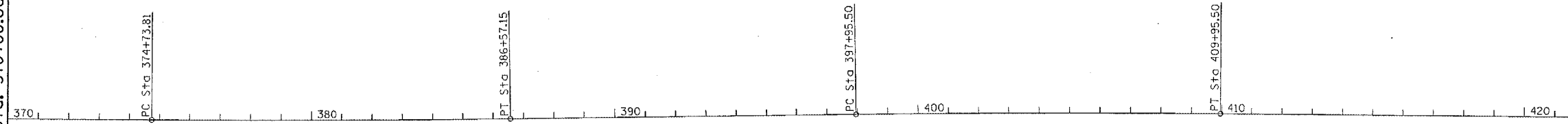
PR SE = N.C.



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			74	35
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



Match Line Sta. 370+00.00



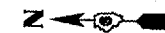
EXIST. CURVE 4001
 PI STA. = 380+65.50
 $\Delta = 1^\circ 11' 00''$ (LT)
 $D = 0^\circ 06' 00''$
 $R = 57,296.10'$
 $T = 591.69'$
 $L = 1,183.34'$
 $E = 3.06'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 374+73.81
 P.T. STA. = 386+57.15
 EX & PR SE = N.C.

EXIST. CURVE 4000
 PI STA. = 403+95.52
 $\Delta = 1^\circ 12' 00''$ (RT)
 $D = 0^\circ 06' 00''$
 $R = 57,295.78'$
 $T = 600.02'$
 $L = 1,200.00'$
 $E = 3.14'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 397+95.50
 P.T. STA. = 409+95.50
 EX & PR SE = N.C.

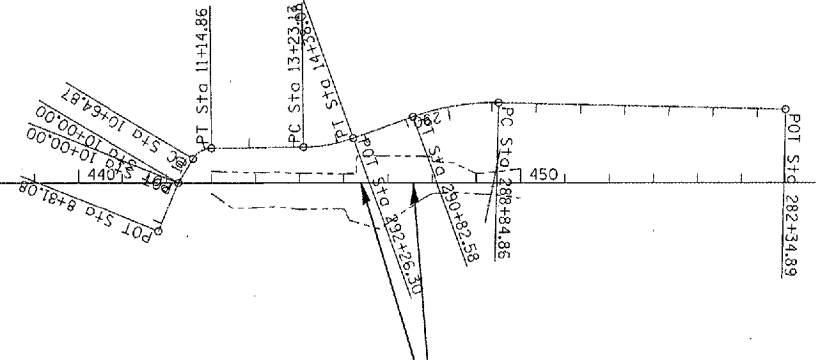
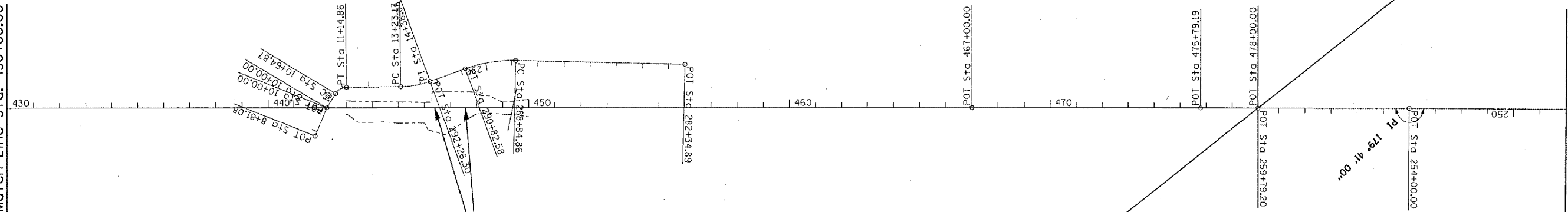
Match Line Sta. 430+00.00

EXIST. CURVE 5144 PI STA. = 10+92.29 $\Delta = 58^\circ 27' 58''$ (RT) $D = 116^\circ 56' 44''$ $R = 48.99'$ $T = 27.42'$ $L = 49.99'$ $E = 7.15'$ $e = \text{-----}$ $T.R. = \text{-----}$ $S.E. RUN = \text{-----}$ P.C. STA. = 10+64.87 P.T. STA. = 11+14.86	EXIST. CURVE 143 PI STA. = 13+81.17 $\Delta = 19^\circ 13' 40''$ (LT) $D = 16^\circ 43' 58''$ $R = 342.41'$ $T = 58.00'$ $L = 114.91'$ $E = 4.88'$ $e = \text{-----}$ $T.R. = \text{-----}$ $S.E. RUN = \text{-----}$ P.C. STA. = 13+23.17 P.T. STA. = 14+38.08	EXIST. CURVE 142 PI STA. = 289+84.86 $\Delta = 21^\circ 11' 58''$ (LT) $D = 10^\circ 43' 20''$ $R = 534.36'$ $T = 100.00'$ $L = 197.71'$ $E = 9.28'$ $e = \text{-----}$ $T.R. = \text{-----}$ $S.E. RUN = \text{-----}$ P.C. STA. = 288+84.86 P.T. STA. = 290+82.58
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STA 438+00.00 TO STA 456+00.00
 SEE ATTACHED PLAN & PROFILE SHEETS



Match Line Sta. 430+00.00



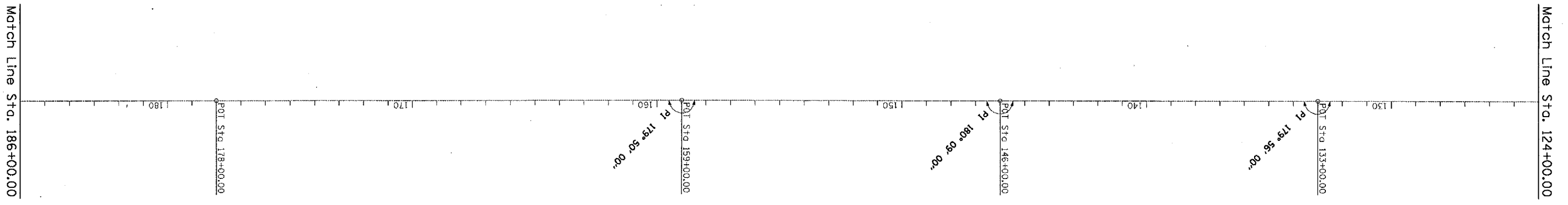
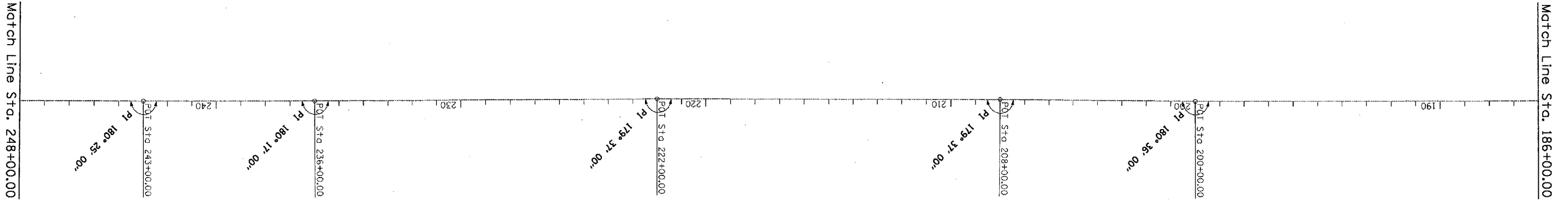
STA. 478+00.00 (BK) =
 STA. 259+79.19 (BK)

END PROJECT - PART B
 STA 259+79.19 (BK)

END PROJECT - PART A
 STA 478+00.00 (BK)

PLOT DATE = 2/22/2005
 FILE NAME = c:\p1\652082\akshat\p1\p1out.dgn
 PLOT SCALE = 433.3341 / IN.
 USER NAME = wondaw

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

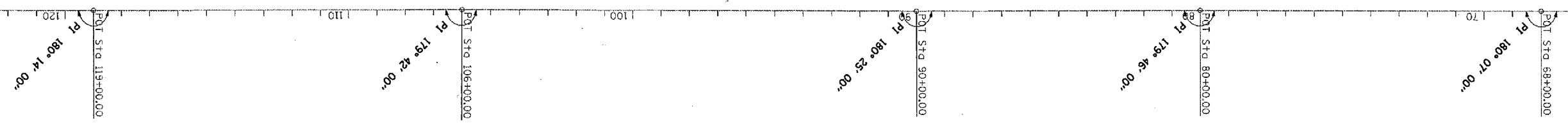


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			74	37
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

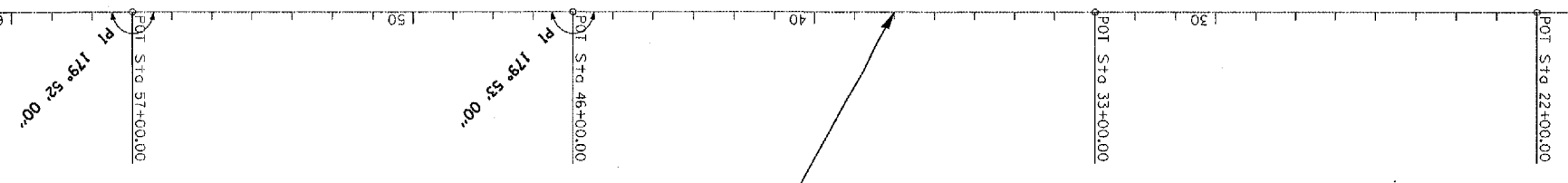


Match Line Sta. 124+00.00

Match Line Sta. 62+00.00

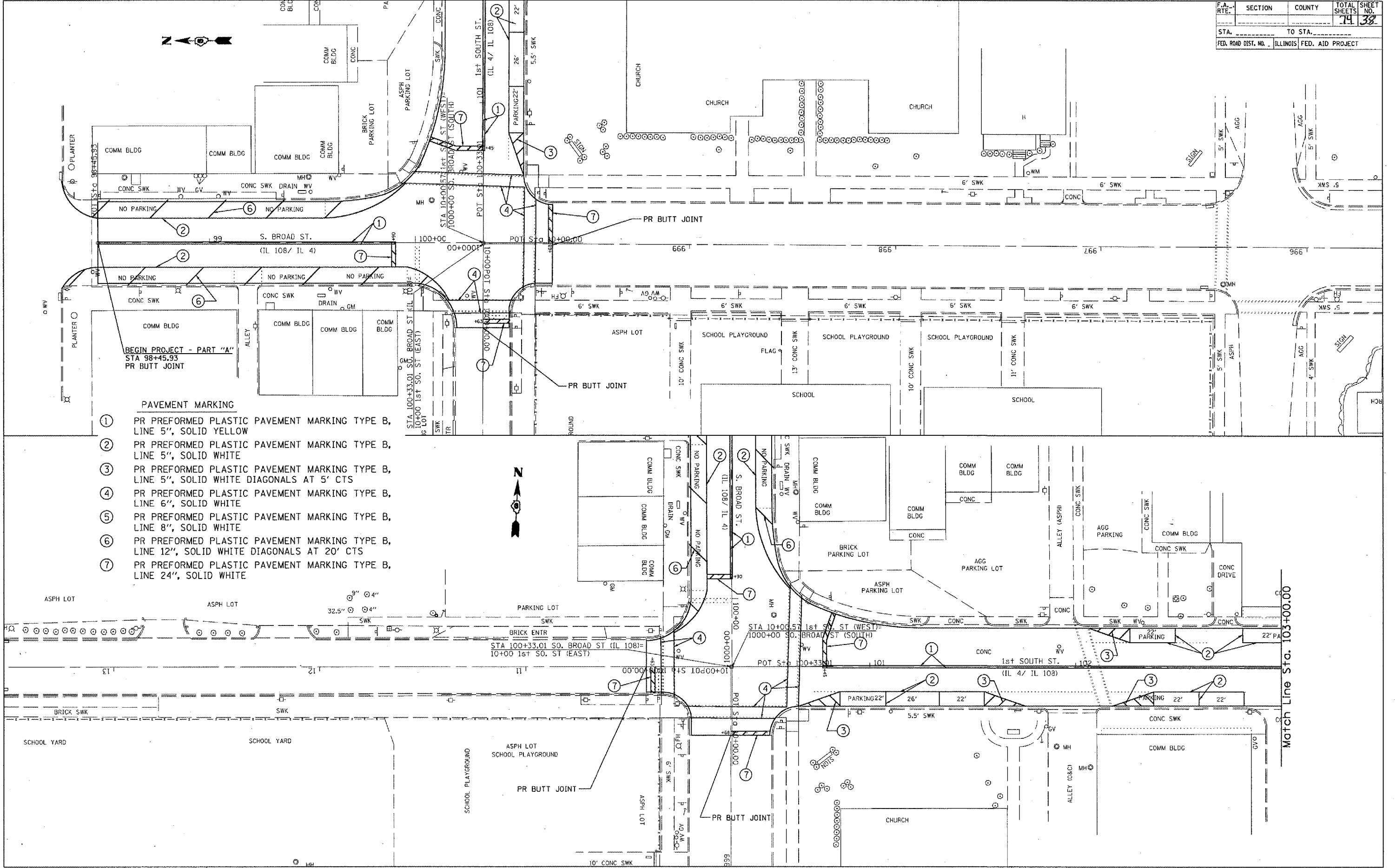


Match Line Sta. 62+00.00



STA. 38+00.00
 BEGIN PROJECT - PART B
 PR. BUTT JOINT

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			74	38
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		



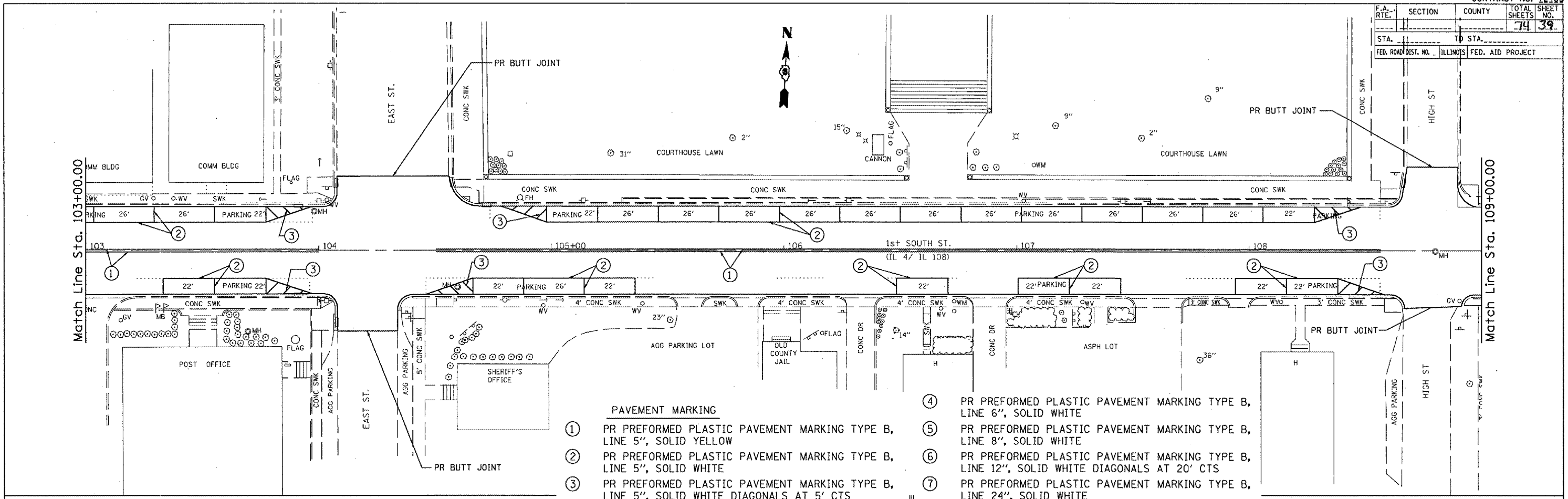
- PAVEMENT MARKING**
- ① PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 5", SOLID YELLOW
 - ② PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 5", SOLID WHITE
 - ③ PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 5", SOLID WHITE DIAGONALS AT 5' CTS
 - ④ PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 6", SOLID WHITE
 - ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 8", SOLID WHITE
 - ⑥ PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 12", SOLID WHITE DIAGONALS AT 20' CTS
 - ⑦ PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 24", SOLID WHITE

BEGIN PROJECT - PART "A"
STA 98+45.93
PR BUTT JOINT

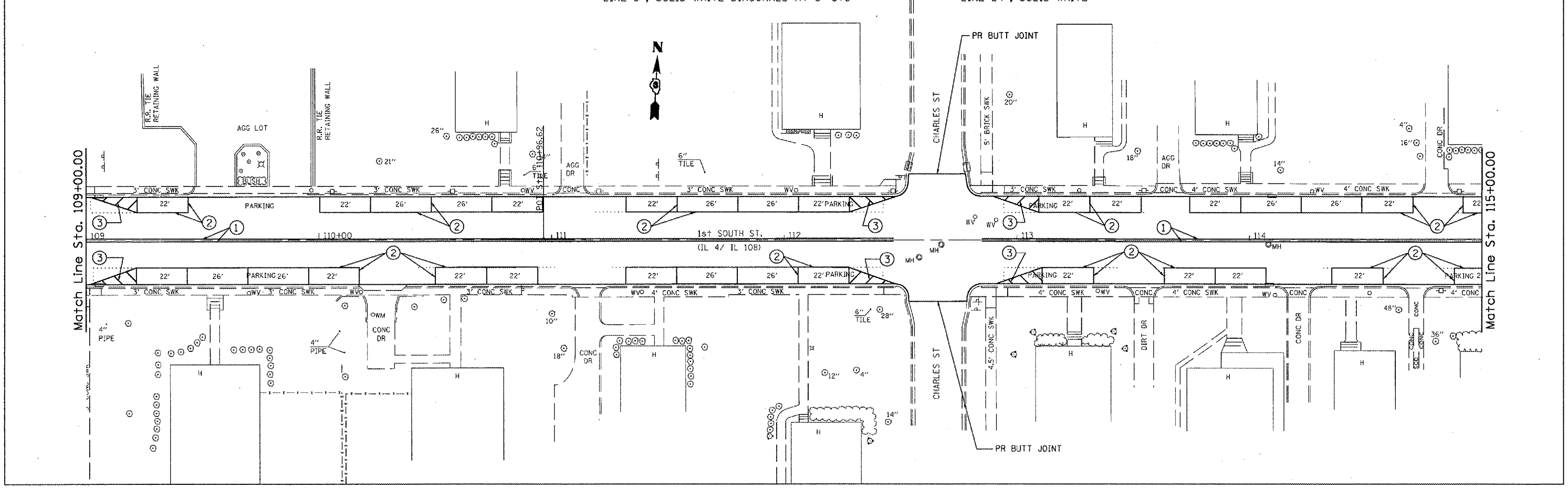
Match Line Sta. 103+00.00

PLOT DATE = 3/22/2005
PLOT SCALE = 43.75' = 1" IN.
USER NAME = woodsej

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA. 103+00.00		TO STA. 109+00.00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		

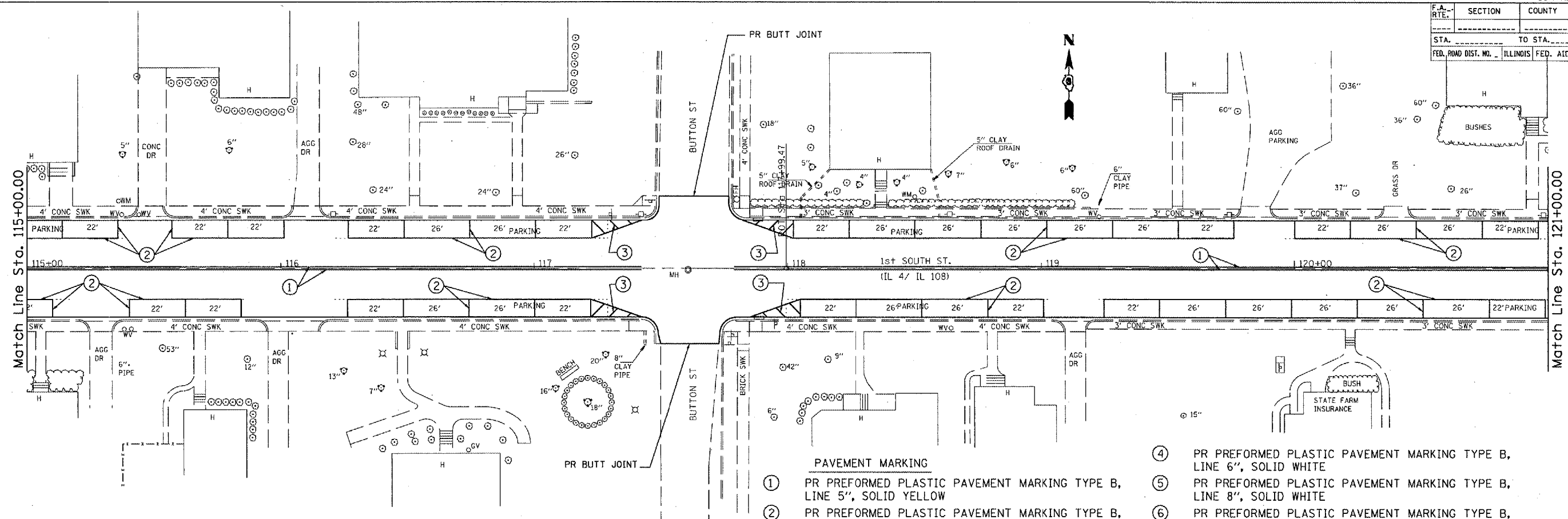


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 - ③ PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 5", SOLID WHITE DIAGONALS AT 5' CTS
 - ④ PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 6", SOLID WHITE
 - ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 8", SOLID WHITE
 - ⑥ PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 12", SOLID WHITE DIAGONALS AT 20' CTS
 - ⑦ PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 24", SOLID WHITE

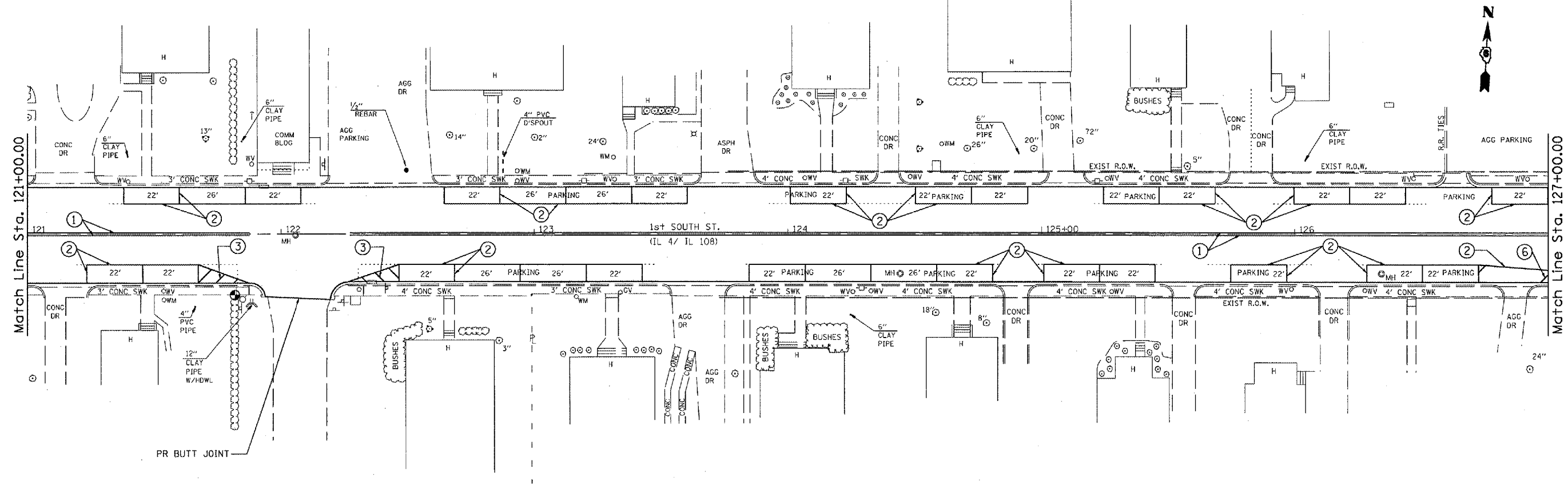


PLOT DATE = 3/22/2005
 PLOT SCALE = 43.3734' IN.
 USER NAME = wcodan

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			74	40
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		



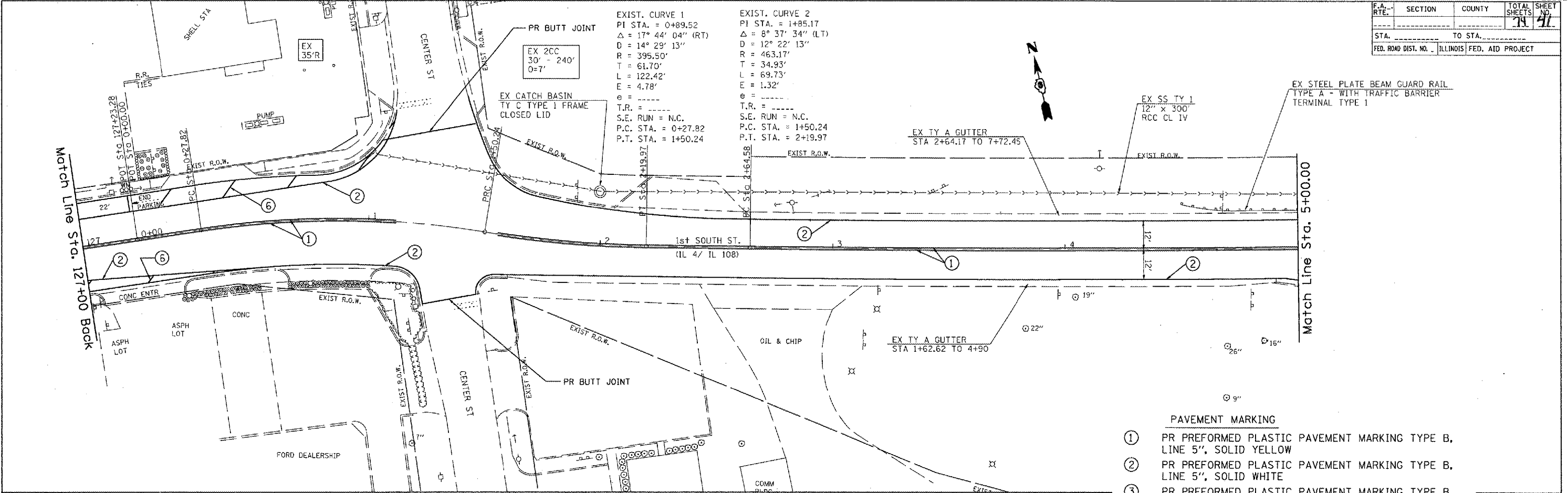
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 - ④ PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 6", SOLID WHITE
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 - ⑥ PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 12", SOLID WHITE DIAGONALS AT 20' CTS
 - ⑦ PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 24", SOLID WHITE



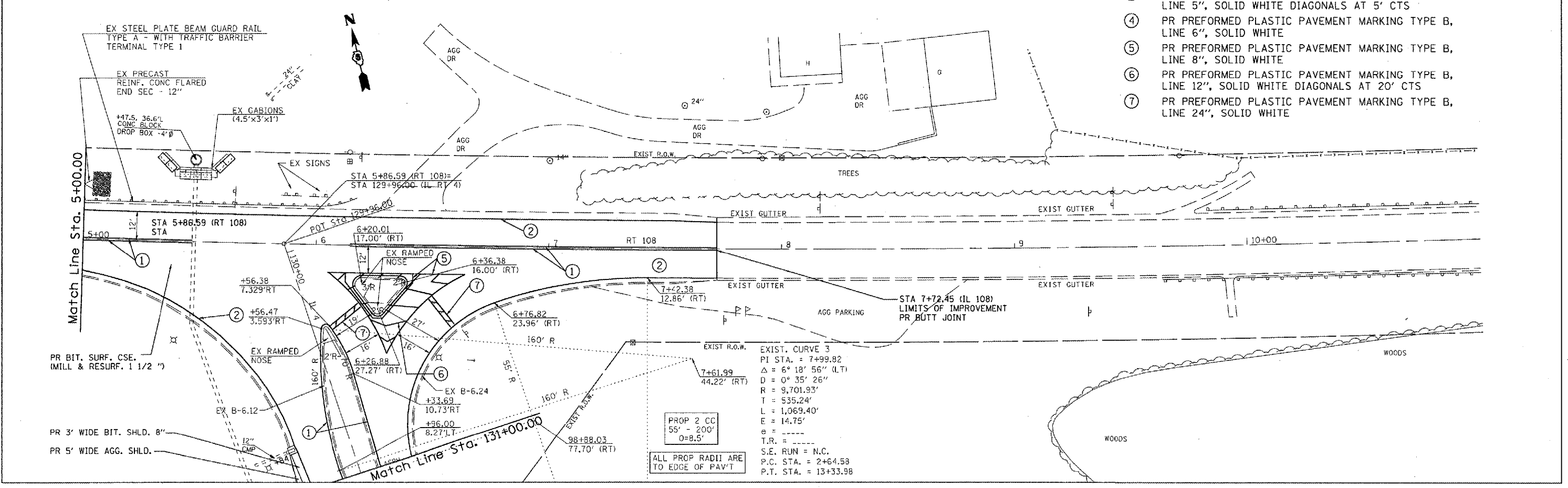
PLOT DATE = 3/22/2005
 PLOT SCALE = 1/8" = 1' IN.
 USER NAME = woodruff

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			78	47

STA. _____ TO STA. _____
 FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT

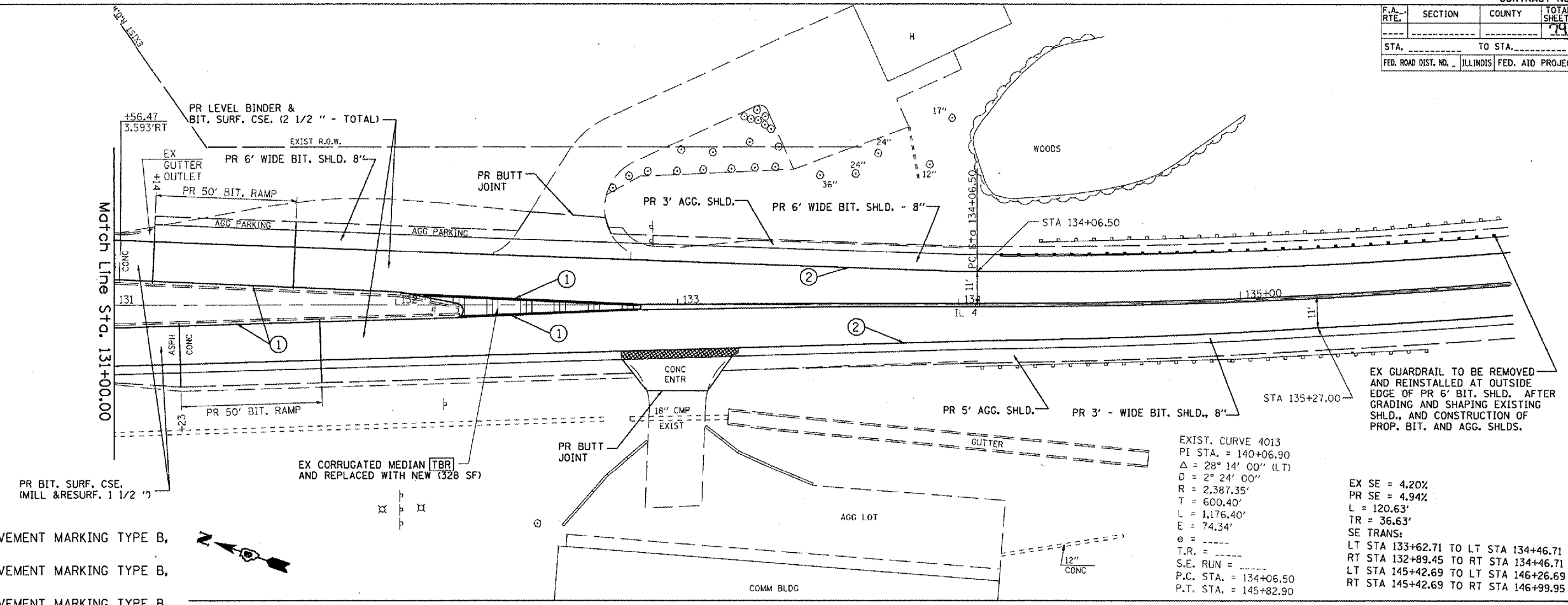


- PAVEMENT MARKING**
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 - ③ PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 5", SOLID WHITE DIAGONALS AT 5' CTS
 - ④ PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 6", SOLID WHITE
 - ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 8", SOLID WHITE
 - ⑥ PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 12", SOLID WHITE DIAGONALS AT 20' CTS
 - ⑦ PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 24", SOLID WHITE



PLOT DATE = 3/18/2005
 FILE NAME = c:\projetos\455282\shl.onlinedgn
 PLOT SCALE = 43.734' / IN.
 USER NAME = woodley

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
			79 42
STA. _____		TO STA. _____	
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT	



- PAVEMENT MARKING**
- ① PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 5", SOLID YELLOW
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 - ③ PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 5", SOLID WHITE DIAGONALS AT 5' CTS
 - ④ PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 6", SOLID WHITE
 - ⑤ PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 8", SOLID WHITE
 - ⑥ PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 12", SOLID WHITE DIAGONALS AT 20' CTS
 - ⑦ PR PREFORMED PLASTIC PAVEMENT MARKING TYPE B, LINE 24", SOLID WHITE

NOTE: SEE ALIGNMENT DIAGRAM FOR LAYOUT & SE RATES SOUTH OF STA 136+00.00 PLAN & PROFILE SHEET NOT AVAILABLE, EXCEPT AT STA 438+00.00 TO STA 456+00.00 (HONEY CREEK BRIDGE)

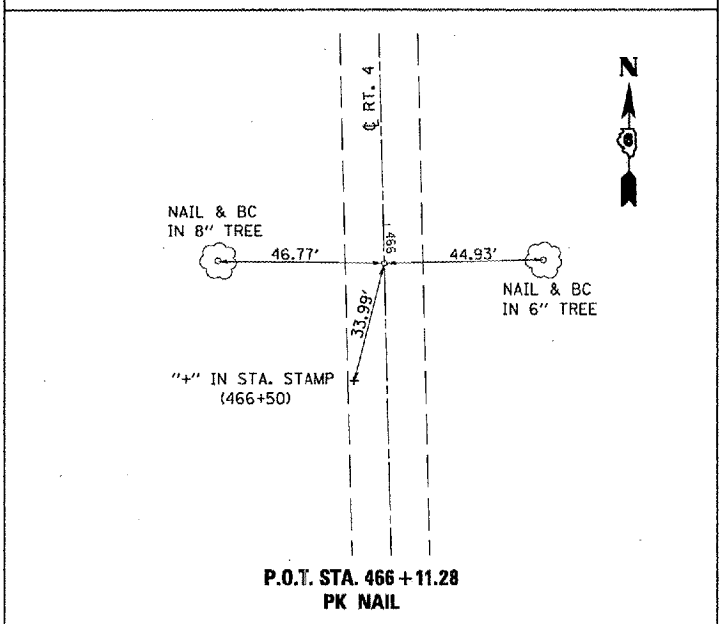
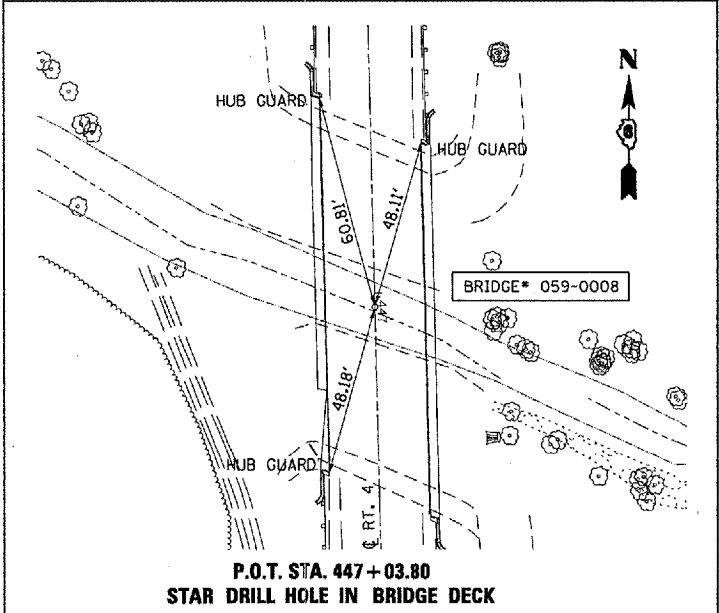
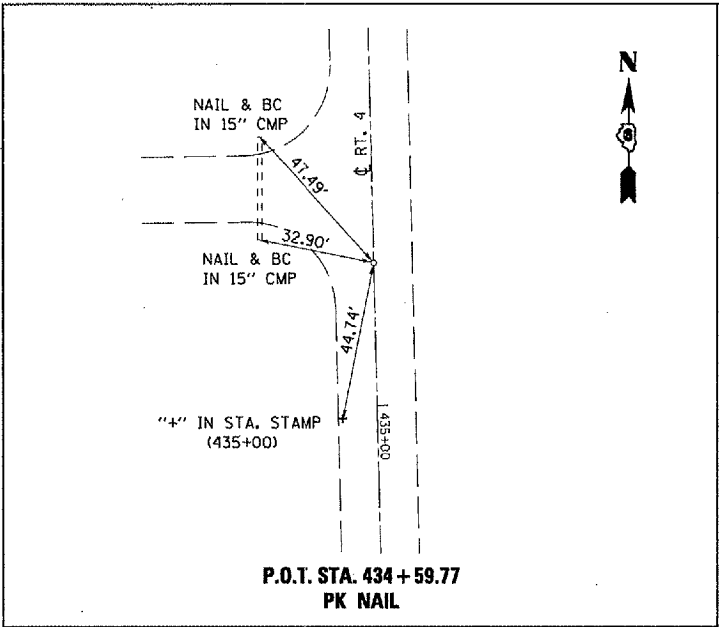
EXIST. CURVE 4013
 PI STA. = 140+06.90
 $\Delta = 28^\circ 14' 00''$ (LT)
 $D = 2^\circ 24' 00''$
 $R = 2,387.35'$
 $T = 600.40'$
 $L = 1,176.40'$
 $E = 74.34'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 134+06.50$
 $P.T. STA. = 145+82.90$

EX SE = 4.20%
 PR SE = 4.94%
 $L = 120.63'$
 $TR = 36.63'$
 SE TRANS:
 LT STA 133+62.71 TO LT STA 134+46.71
 RT STA 132+89.45 TO RT STA 134+46.71
 LT STA 145+42.69 TO LT STA 146+26.69
 RT STA 145+42.69 TO RT STA 146+99.95

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACQUEIN	74	43
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

• (V,T) R-2; S-RS-3

BM #20A : TO REACH FROM INTERSECTION OF DEERFIELD RD. & OLD IL RTE 4, PROCEED SOUTH 507' TO BRIDGE 059-0008 OVER HONEY CREEK, BENCH IS LOCATED ON S.W. CORNER OF HUB GUARD. STA. 447+50.11, 15.2' RT. ELEV. = 602.96



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

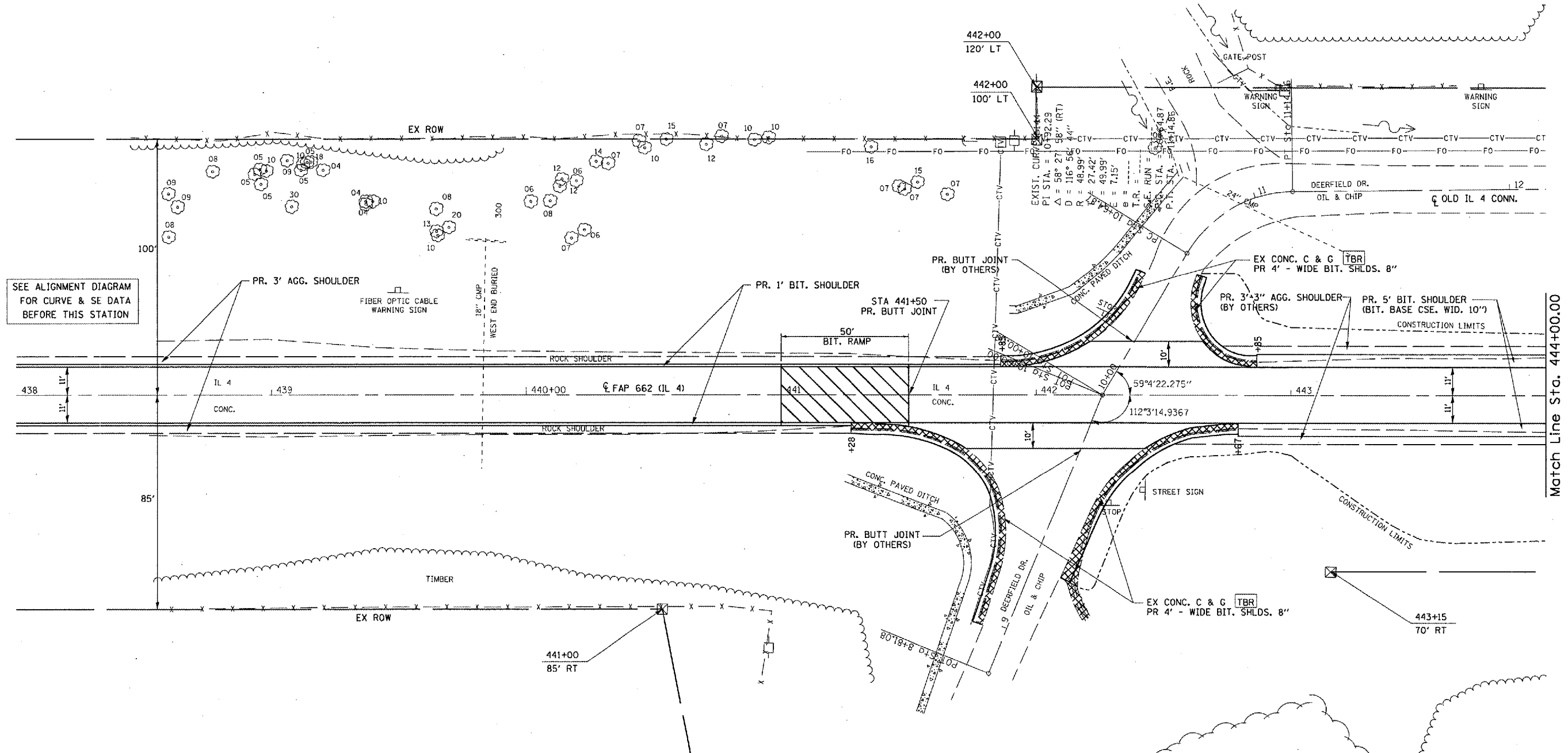
BENCHMARKS & CROSS TIES

SCALE: VERT. DATE
HORIZ. CHECKED BY

DRAWN BY

•DGN-SPEC•
•DATE-TIME•
•REF 01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	74	44
STA. 438+00		TO STA. 444+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 102 (RS-1); (V,T) RS-2; SIRS-4				



SEE ALIGNMENT DIAGRAM FOR CURVE & SE DATA BEFORE THIS STATION

Match Line Sta. 444+00.00

STA 441+00.00 TO STA 452+00.00
 PR BIT. SURF. CSE. 1 1/2"; LEVEL.
 BINDER, 1"; TOP LIFT OF BIT. SHLDS.
 2 1/2"; AND AGG. SHLDS. (BY OTHERS)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN VIEW
 HONEY CREEK

SCALE: VERT. _____
 HORIZ. _____

DATE _____

DRAWN BY BDK
 CHECKED BY JCN

PLOT DATE = 9/29/2005
 FILE NAME = \\sawtooth\share\62082\hplandgn
 PLOT SCALE = 43.2734 "/>

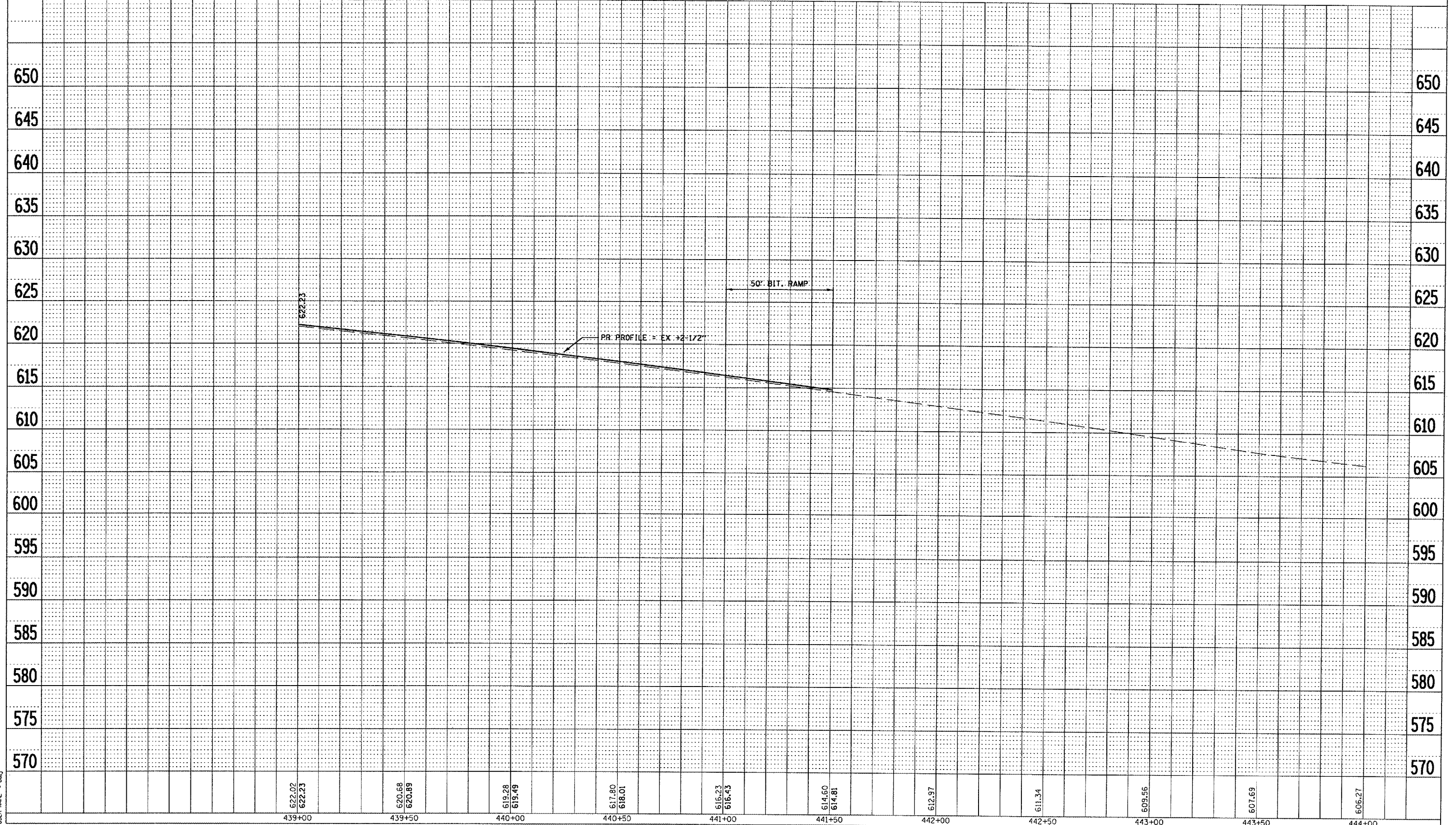
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	*	MACOLUPIN	74	45
STA. 439+00		TO STA. 444+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

* 10Z (RS-1); (V,T); RS-2; S(RS-4)

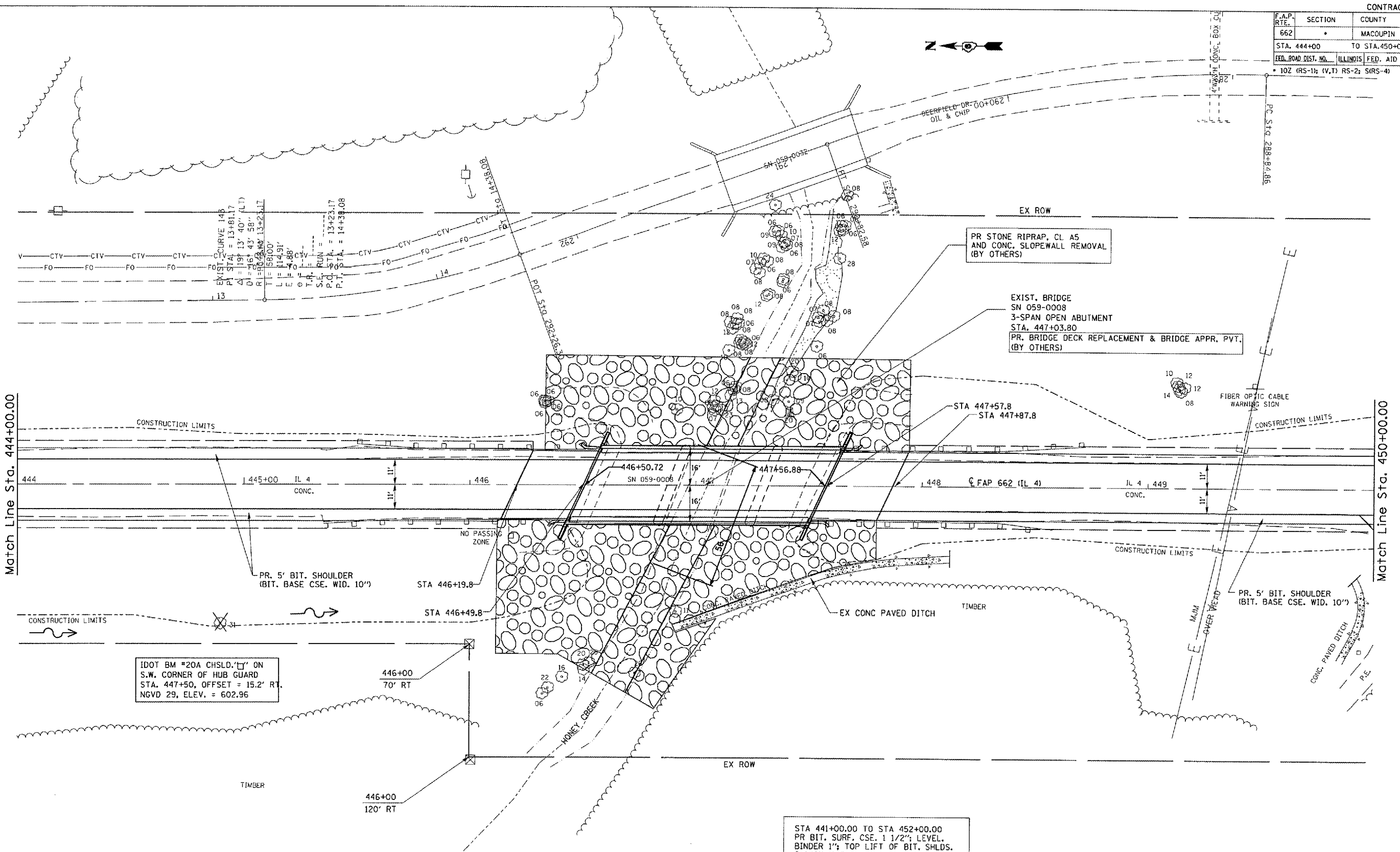
PLAN	DATE	BY
DESIGNED		
PLOTTED		
ALIGNED		
CHECKED		
NOTE BOOK NO.		
CADD FILE NAME		

PROFILE	DATE	BY
DESIGNED		
PLOTTED		
GRADES CHECKED		
STRUCTURE NOTATIONS CHECKED		
NOTE BOOK NO.		
USER NAME		

PLOT DATE = 3/20/2005
 PLOT SCALE = 41.3734' / IN.
 USER NAME = bnlj



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
662		MACOUPIN	74
STA. 444+00 TO STA. 450+00			46
ILLINOIS FED. AID PROJECT			
• 10Z (RS-1); (V,T) RS-2; SRS-4)			



STA 441+00.00 TO STA 452+00.00 PR BIT, SURF. CSE. 1 1/2"; LEVEL, BINDER 1"; TOP LIFT OF BIT, SHLDS. 2 1/2"; AND AGG. SHLDS. (BY OTHERS)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 HONEY CREEK
 SCALE: VERT. DATE
 HORIZ. DATE
 DRAWN BY 80K
 CHECKED BY JCN

PLOT DATE = 3/28/2005
 PLOT NAME = I:\projects\72405\plan.dgn
 PLOT SCALE = 43.3724 / IN.
 USER NAME = bsnj

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	*	MACOUPIN	74	47
STA. 444+00		TO STA. 450+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• 10Z (RS-1); (V,T); RS-2; S(RS-4)				

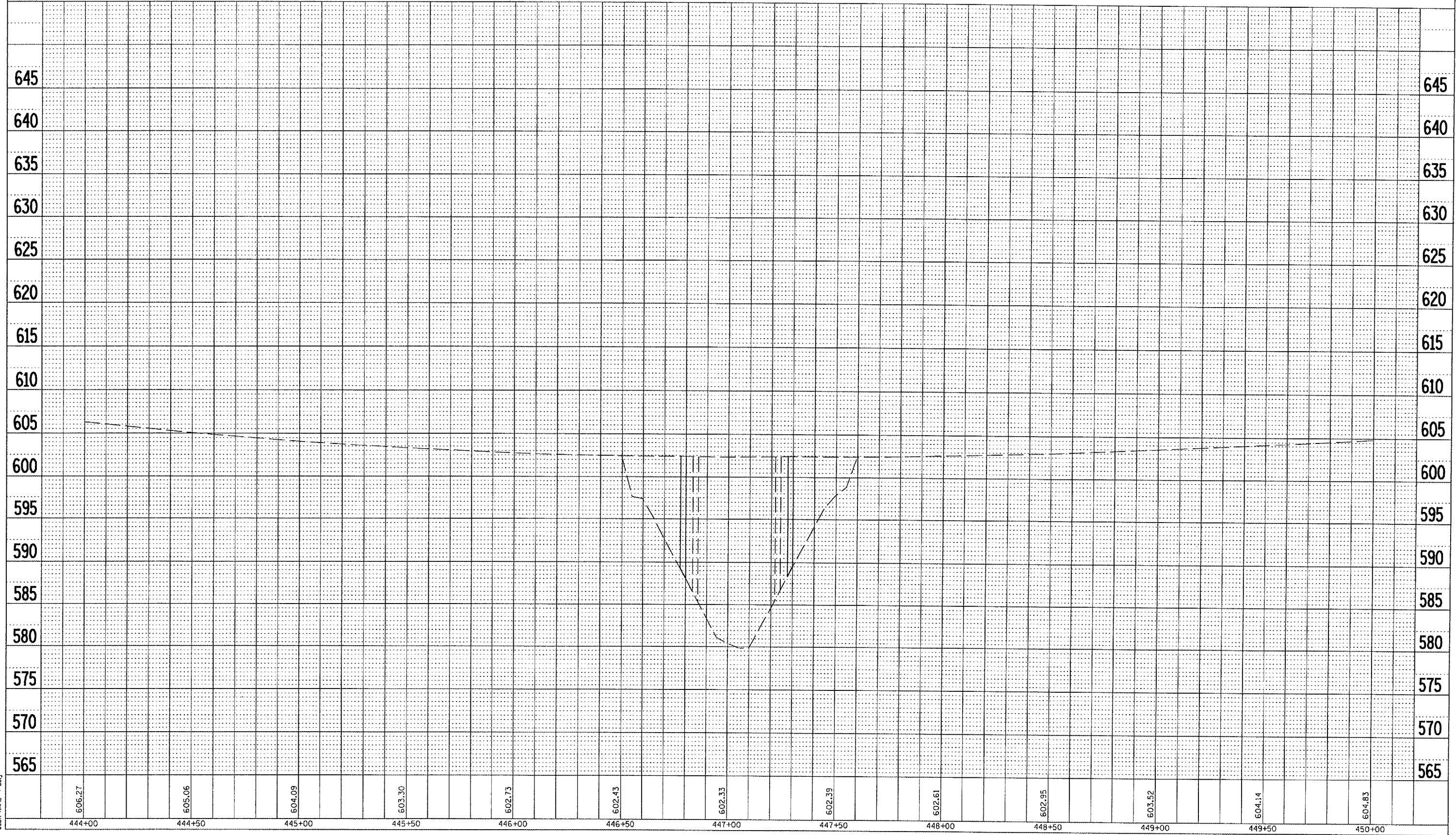
PLAN

DESIGNED BY	DATE
CHECKED BY	
NOTED BY	
DATE	

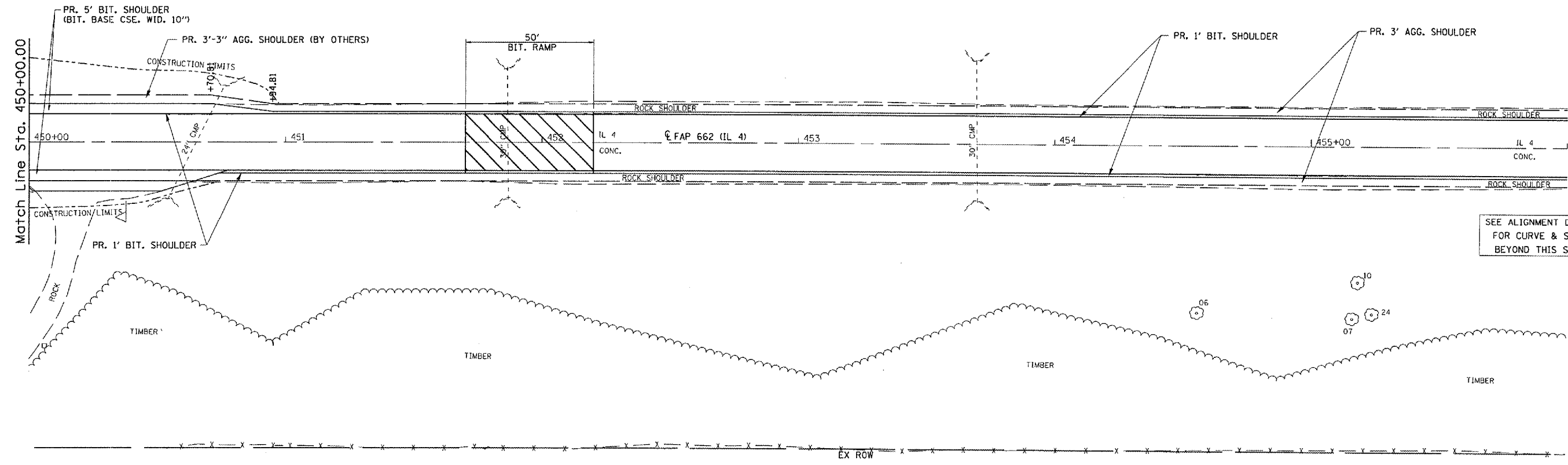
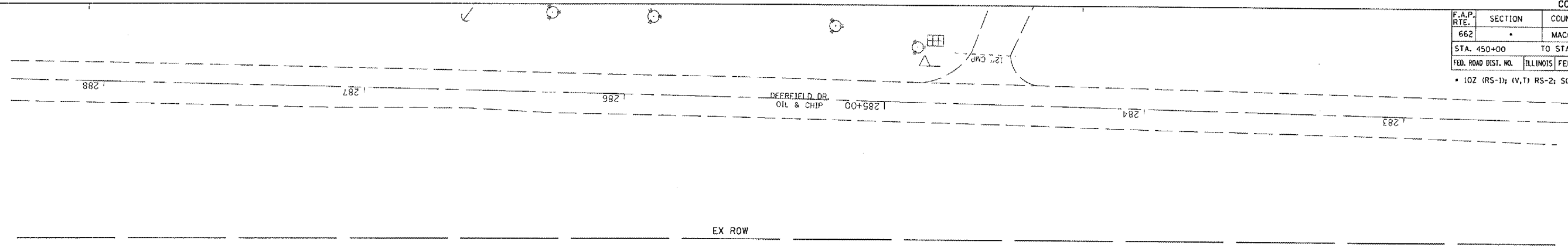
PROFILE

DESIGNED BY	DATE
CHECKED BY	
NOTED BY	
DATE	

PLOT DATE = 3/28/2005
 PLOT SCALE = 43.3734' / IN.
 USER NAME = bnj



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACCLUPIN	74	48
STA. 450+00		TO STA. 456+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 102 (RS-1); (V,T) RS-2; S(RS-4)				



SEE ALIGNMENT DIAGRAM FOR CURVE & SE DATA BEYOND THIS STATION

STA 441+00.00 TO STA 452+00.00
 PR BIT. SURF. CSE. 1 1/2"; LEVEL.
 BINDER 1"; TOP LIFT OF BIT. SHLDS.
 2 1/2"; AND AGG. SHLDS. (BY OTHERS)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN VIEW
 HONEY CREEK

SCALE: VERT. _____
 HORIZ. _____

DATE _____

DRAWN BY BDK
 CHECKED BY JCN

DATE: 2/28/2005
 USER: bbnj

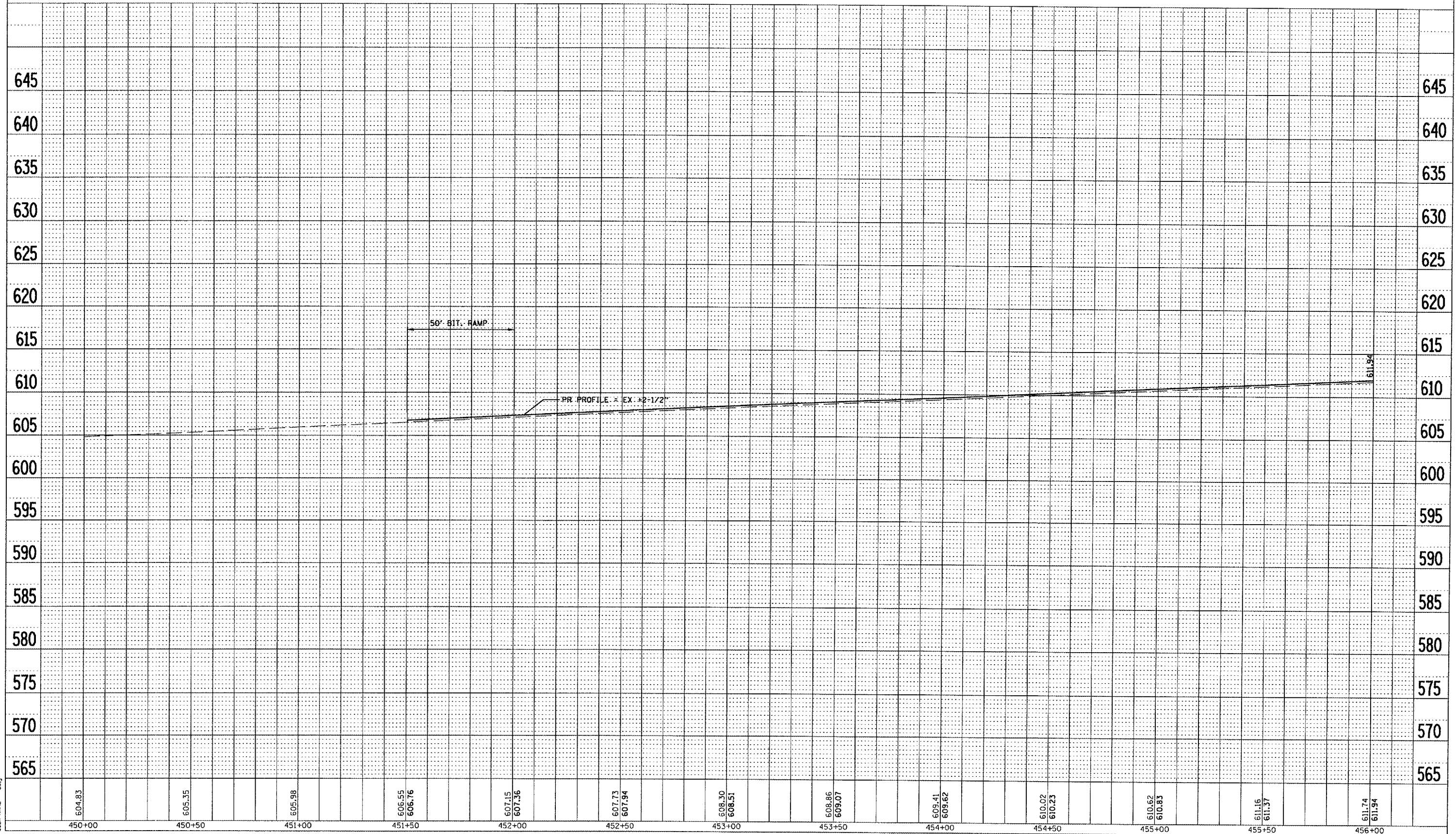
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	*	MACOUPIN	74	49
STA. 450+00		TO STA. 456+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• 10Z (RS-1); (V,T); RS-2; S(RS-4)

PLAN	DATE
BY	
REVISIONS	
ALIGNED CHECKER	
NOTE BOOK	
NO.	
CARD FILE NAME	

PROFILE	DATE
BY	
REVISIONS	
GRADES CHECKED	
NOTE BOOK	
NO.	
STRUCTURE NOTATIONS CHECKED	

PLOT DATE = 2/28/2005
 FILE NAME = \\s652002\hpc\of\adgn
 PLOT SCALE = 43.3734' / IN.
 USER NAME = bobj



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	74	50
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* 10Z(RS-1)(V,T)(RS-2)(RS-4)

STORM WATER POLLUTION PREVENTION PLAN

Route: FAP 662 Marked: IL 4
 Section: 10Z(RS-1); V, T(RS-2); S(RS-4) Project No.:
 County: MACOUPIN Contract No.: 72405

This plan has been prepared to comply with the provision of the NPDES Permit Number ILR10 issued by the Illinois Environmental Protection Agency for storm water discharges from construction site activities.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Christ M Reed
 (Signature)

3/31/05
 (Date)

Deputy Director
 (Title)

Note: The above boxed in area will be filled out by IDOT - Construction after the award of the contract to obtain the required NPDES permit.

The following plan was established and included in these plans to direct the Contractor in the placement of temporary erosion control systems and to provide a storm water pollution prevention plan for compliance under NPDES. The Contractor shall abide to all requirements within this plan as part of the contract.

The purpose of this plan is to prevent / minimize siltation within the construction zone and to eliminate sediments from entering and leaving the construction zone by utilizing proper temporary erosion control systems and providing ground cover within a reasonable time.

Certain items, as shown in this plan and referenced by the legend, shall be placed by the Contractor at the beginning of construction. Other items shall be placed by the Contractor as directed by the Engineer on a case by case situation resulting from the Contractor's sequence of activities, time of the year, and expected weather conditions.

The Contractor shall place permanent erosion control systems and seeding within a reasonable amount of time; therefore, reducing the amount of area being open to the possibility of erosion and reducing the amount of temporary erosion control systems and temporary seeding. The Resident Engineer will determine if temporary erosion control systems shown in the plan can be deleted, the size of the proposed ditch checks, the proper method of installation, and if any additional temporary erosion control systems shall be added which are not included in this plan. The Contractor shall perform all work as directed by the Engineer and as shown in special details and in Standard 280001 of the plans.

The special provisions Temporary Seeding, Temporary Erosion Control Seeding, and Temporary Erosion Control additionally supplement this plan.

All disturbed areas having high potential for erosion, as determined by the Engineer, shall be temporarily seeded or permanently seeded by October 1, 2005 and shall not be reopened until after the winter shutdown period.

SITE DESCRIPTION

Description of Construction Activity:

1. The proposed project consists of resurfacing of 11.4 miles highway (IL 4), including excavating and grading, existing shoulders for new bituminous shoulders and gutter, and reshaping/ foreslope and ditches near Honey Creek.

Description of Intended Sequence of Major Construction Activities Which Will Disturb Earth and Lead to Possible Erosion for Major Portions of the Construction Site:

1. Minimum tree removal will be completed.
2. Excavation will be completed along the entire length to grade out for proposed bituminous shoulders/concrete gutters.
3. Embankment will be completed along the foreslopes of IL 4 near Honey Creek to repair eroded slopes.
4. Placement, maintenance, removal and proper clean-up of temporary erosion control, such as erosion control fence, hay or straw bale ditch checks, riprap ditch checks, sediment basins, temporary seeding, etc.
5. Placement of permanent erosion control, such as riprap ditch lining, riprap stilling basins, riprap dry dams, excelsior blanket, seeding, etc.
6. Final grading, paving and other miscellaneous items.

Area of Construction Site:

The total drainage area entering and including the construction site is estimated to be 10,240 acres in which approx. 1.5 acres will be disturbed by excavation, grading or other activities.

Other Reports, Studies and Plans which Aid in the Development of this Storm Water Pollution Prevention Plan as Referenced Documents:

1. Estimated run-off coefficients are contained in the project drainage study which were utilized for proposed placement of the temporary erosion control systems.
2. Information on the soils within the site was obtained from field reviews which were utilized for proposed placement of the temporary erosion control systems.
3. Site maps indicating drainage patterns and approximate slopes were contained in the project design report, USGS drainage maps, project drainage study, and project plan documents were all utilized for proposed placement of the temporary erosion control systems.

Drainage Tributaries Receiving Water from this Construction Site:

1. Macoupin Creek, Honey Creek, and Spanish Needle Creek

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLAN

SCALE: VERT.
 DATE: APRIL 5, 1999

DRAWN BY CADD
 CHECKED BY JCN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	74	51
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* 102(RS-1)(V, TRS-2)(RS-4)

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROLS

Description of Stabilization Practices at the Beginning of Construction:

1. The area between the existing and proposed right-of-way/temporary easement boundaries and limits of the project will be improved and managed for the purposes of controlling erosion within the area, reducing water flow by temporary diversion and minimizing siltation into the construction zone, and establishing vegetative cover which will become permanent vegetation and act as an erosion barrier. Work at the beginning of construction will consist of the following:

- (a) Areas of existing vegetation (woods and grasslands) outside the proposed construction slope limits shall be identified for preserving and shall be protected from mowing, brush cutting, tree removal and other activities which would be detrimental to their maintenance and development.
- (b) Dead, diseased, or unsuitable vegetation within the site shall be removed as directed by the Engineer, along with required tree removal.

(c) As soon as reasonable access is available (such as trees cleared) to all locations where water drains away from the project, sediment basins, riprap ditch checks, temporary ditch checks, and/or erosion control fence shall be installed as called out in this plan and directed by the Engineer.

(d) Bare and sparsely vegetated ground in highly erodible areas as determined by the Engineer shall be temporarily seeded at the beginning of construction where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".

(e) Immediately after tree removal is completed in certain areas which are highly erodible areas as determined by the Engineer, the areas shall be temporarily seeded where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".

(f) At locations where a significant amount of water drains into the construction zone from outside areas (adjacent landowners), erosion control fence, temporary ditch checks, or riprap ditch checks will be utilized to locally divert water, reduce flow rates, and collect outside siltation inside the right-of-way line. Erosion control items will not be allowed to be installed to cause flooding to upstream private property which could cause crop damages or other undesirable conditions.

- 2. Establishment of these temporary erosion control measures will have additional benefits to the project. Desirable grass seed will become established in these areas and will spread seeds onto the construction site until permanent seeding/mowing and overseeding can be complete.
- 3. A third benefit of these filter areas is that they will begin to provide a screen and buffer. They will help protect the construction site from winds and excess sun and mitigate construction noise and dust.

Description of Stabilization Practices During Construction:

1. During roadway construction, areas outside the construction slope limits as outlined previous herein shall be protected from damaging effects of construction. The Contractor shall not use this area for staging (except as designated on the plans or directed by the Engineer), parking of vehicles or construction equipment, storage of materials, or other construction related activities.

- (a) Within the construction zone, critical areas which have high flows of water as determined by the Engineer shall remain undisturbed until full scale construction is underway to prevent unnecessary soil erosion.
- (b) Top soil and earth stockpiles shall be temporarily seeded if they are to remain unused for more than fourteen days.
- (c) As the Contractor constructs a portion of roadway in a fill section, he/she shall follow the following steps as directed by the Engineer:

- i. Place temporary erosion control systems at locations where water leaves and enters the construction zone
- ii. Temporary seed highly erodible areas outside the construction slope limits
- iii. Construct roadside ditches and provide temporary erosion control systems
- iv. Temporary divert water around proposed culvert locations
- v. Build necessary embankment at culvert locations and then excavate and place culvert
- vi. Continue building up the embankment to the proposed grade while at the same time place permanent erosion control such as riprap ditch lining and conduct final shaping to the slopes

(d) The Contractor shall immediately follow major earth moving operations with final grading equipment. After the major earth spread operation has moved to a new location, final grading shall be completed within fourteen days. If grading is not completed within fourteen days, all major earth moving operations will be stopped, as directed by the Engineer, until disturbed areas are final graded and seeded.

(e) Excavated areas and embankments shall be permanently seeded when final graded. If not, they shall be temporarily seeded as stated in the special provision "Temporary Erosion Control Seeding".

(f) Construction equipment shall be stored and fueled only at designated locations. All necessary measures shall be taken to contain any fuel or pollution run-off in compliance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.

(g) The Resident Engineer shall inspect the project daily during activities and weekly or after large rains during the winter shutdown period. The project shall additionally be inspected by the Construction Field Engineer on a bi-weekly basis to determine that erosion control efforts are in place and effective and if other control work is necessary.

(h) Sediment collected during construction by the various temporary erosion control systems shall be disposed of on the site on a regular basis as directed by the Engineer. The cost of this maintenance will be paid for in accordance with Article 109.04 of the Standard Specifications.

(i) The temporary erosion control systems shall be removed as directed by the Engineer after use is no longer needed or no longer functioning. The costs of this removal shall be included in the unit bid price for the temporary erosion control system. No additional compensation will be allowed.

Description of Structural Practices After Final Grading:

- 1. Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas seeded and established with a proper stand.
- 2. Once permanent erosion control systems as proposed in the plans are functional and established, temporary items shall be removed, cleaned up, and disturbed turf reseeded. Temporary riprap ditch checks will be allowed to remain in place where approved by the Engineer.

Maintenance after Construction:

- 1. Construction is complete after acceptance is received at the final inspection.
- 2. Areas will be inspected on a regular basis by IDOT District 6 Bureau of Operations.
- 3. Maintenance crews will perform regular mowings to aid in keeping weeds down and establishing a good roadside seed stand.
- 4. Maintenance crews will also aid in any ditch lining maintenance or in any drainage problems.
- 5. All maintenance will be conducted at times when weather conditions will not cause site damage.

DOCUMENTATION

- 1. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and actions taken in accordance with Section 4.b. shall be made and retained as part of the plan for at least three years after the date of inspection. The report shall be signed in accordance with part VI.C of the general permit.
- 2. If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer or Resident Technician shall complete and file an "Incident of Noncompliance (ION)" report for the identified violation. The Resident Engineer or Resident Technician shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of noncompliance shall be signed by a responsible authority in accordance with Part VI.G. of the general permit. The report of noncompliance shall be mailed to the following address:

Illinois Environmental Protection Agency
 Division of Water Pollution Control
 2200 Churchill Road, P.O. Box 19276
 Springfield, IL 62794-9276
 Attn: Compliance Assurance Section

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLAN

SCALE: VERT.
 HORIZ.
 DATE: APRIL 5, 1999

DRAWN BY CADD
 CHECKED BY JCN

PLOT DATE = 3/17/2005
 PLOT SCALE = 4:11
 USER NAME = kandi

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	74	52
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* 10Z(RS-1);IV,T(RS-2);S(RS-4)

CONTRACTOR CERTIFICATION STATEMENT

This certification statement is part of the Storm Water Pollution Plan for the project described below in accordance with NPDES Permit No. ILR10 _____, issued by the Illinois Environmental Protection Agency on _____.

Route: FAP 662 Marked: IL 4

Section: 02(RS-1); V, T(RS-2); S(RS-4) Project No.: NA

County: Macoupin Contract No.: 72405

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

Signature _____ Date _____

Title _____

Name of Firm _____

Street Address _____

City, State, Zip _____

Phone Number _____

Note: The above boxed in area shall be filled out by the Contractor after the award of the contract to obtain the required NPDES Permit from IEPA. This is a requirement for this contract.

PLOT DATE = 3/17/2005
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 USER NAME = kmdb

SWPLAN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

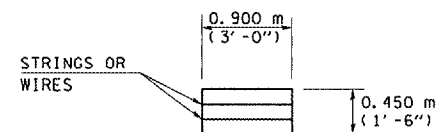
STORM WATER POLLUTION PREVENTION PLAN

SCALE: VERT.
 HORIZ.
 DATE: APRIL 5, 1999

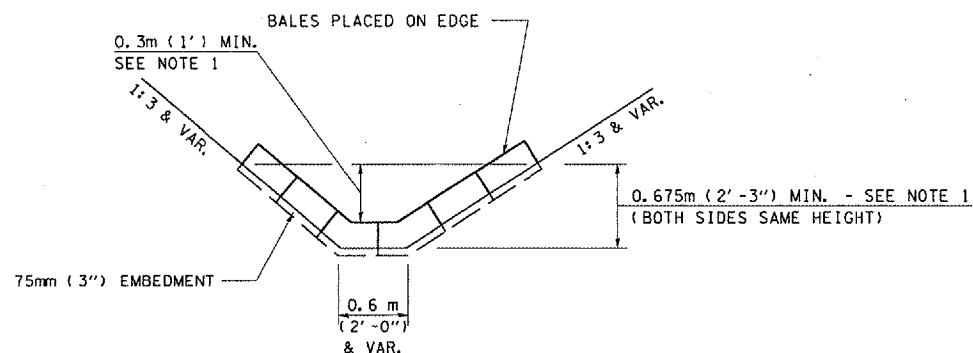
DRAWN BY CADD
 CHECKED BY JCN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	74	53
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• 10Z(RS-1);(V,T)RS-2;S(RS-4)



HAY OR STRAW BALE
(TYPICAL ELEVATION)



HAY OR STRAW BALE TEMPORARY DITCH CHECK
(TYPICAL & SEE GENERAL NOTES FOR SUBSTITUTION TO FLUSH RIPRAP DITCH CHECK)

LEGEND FOR STORM WATER POLLUTION PREVENTION PLAN

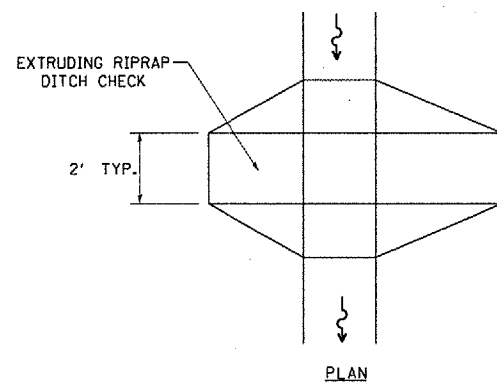
ITEM	SYMBOL
AGGREGATE (EROSION CONTROL) [STONE DUMPED RIPRAP DITCH CHECKS: Height = 0.6m (2')]	
TEMPORARY DITCH CHECKS (HAY OR STRAW BALE DITCH CHECKS OR APPROVED SUBSTITUTION)	
INLET PIPE PROTECTION (I&PP) (HAY OR STRAW BALE DITCH CHECKS OR APPROVED SUBSTITUTION)	
EROSION CONTROL FENCE	
EARTH EXCAVATION FOR EROSION CONTROL (SEDIMENT BASINS)	
PR HEAVY DUTY EXCELSIOR BLANKET	
PRESERVE EXISTING TREES, WOODLANDS, AND UNDERSTORY (OUTSIDE CONSTRUCTION LIMITS)	
ITEM PLACED AT BEGINNING OF CONSTRUCTION (Requirement)	* ITEM *
ITEM PLACED AS DIRECTED BY ENGINEER (When required by situation)	ITEM
DIRECTION OF OVERLAND FLOW	

GENERAL NOTES:

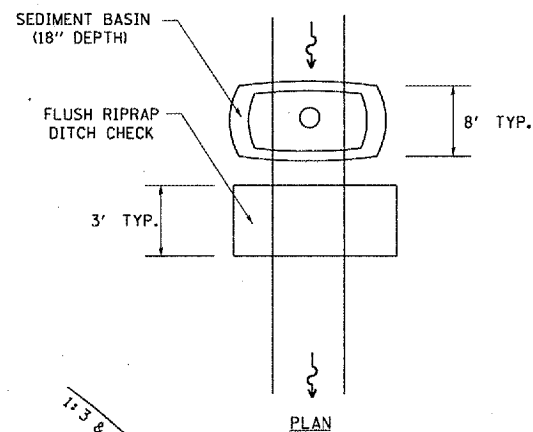
All items shall be constructed as shown on this sheet, on Standard 280001, and as directed by the Engineer.

The symbology on the STORM WATER POLLUTION PREVENTION PLAN sheets does not represent the size or quantity of bales, for number of bales refer to details and notes shown on this sheet and/or as directed by the Engineer.

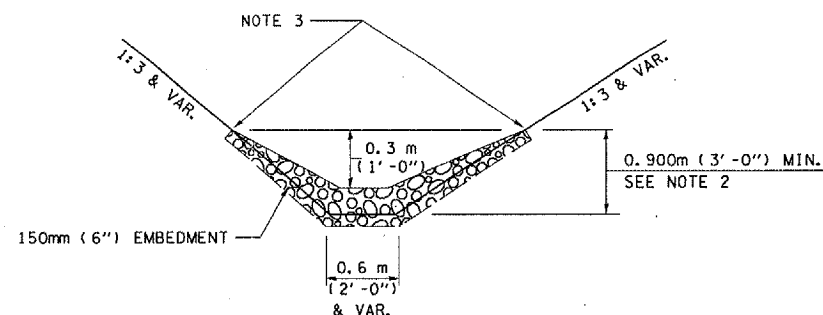
THE CONTRACTOR SHALL INSTALL DITCH CHECKS AS DIRECTED BY THE ENGINEER. IF THE ENGINEER ELECTS TO UTILIZE FLUSH RIPRAP DITCH CHECKS IN LIEU OF TEMPORARY DITCH CHECKS AS SHOWN ON THE FOLLOWING PLAN SHEETS, THE SPACING SHOULD BE DOUBLED.



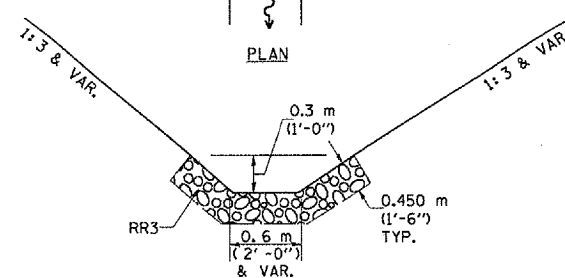
PLAN



PLAN



ELEVATION OPTION 1
(EXTRUDING DITCH CHECK)
RECOMMENDED FOR AREAS W/ RIPRAP DITCH LINING



ELEVATION OPTION 2
(FLUSH DITCH CHECK)
RECOMMENDED FOR AREAS W/O RIPRAP DITCH LINING

STONE DUMPED RIPRAP DITCH CHECK
(TYPICAL & OPTIONS 1 & 2 AS DIRECTED BY THE ENGINEER)

NOTE 1: BALES SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 0.3m (1') OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE BALES.

NOTE 2: RIPRAP SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 0.3m (1') OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE RIPRAP.

NOTE 3: ENDS SHALL BE TIED INTO SLOPES.

SWPPLAN

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USER NAME = woodhwy

REVISIONS	
NAME	DATE
CAD Symbol	2AUG99
JCN	MAR2004

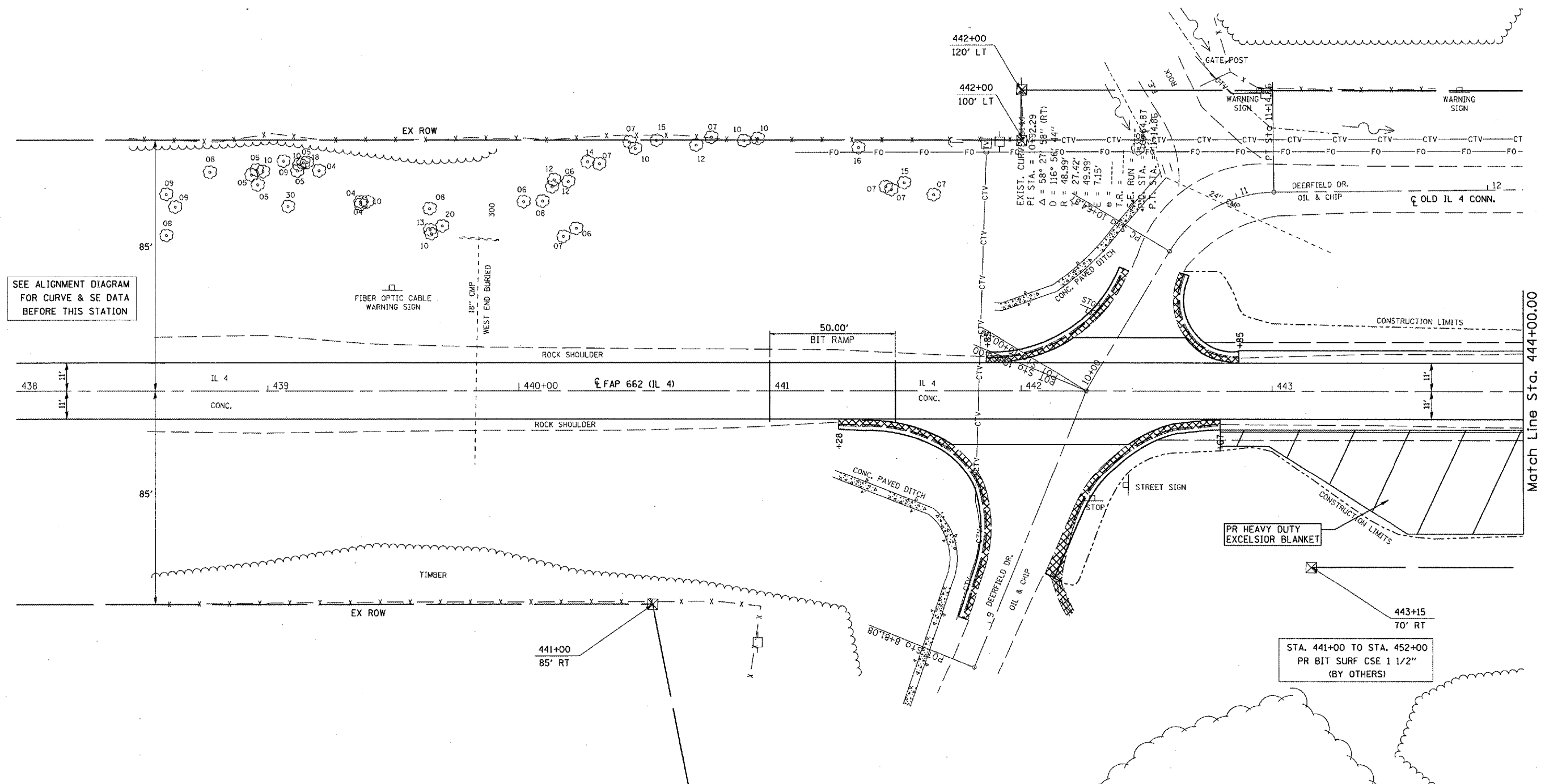
ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLAN

SCALE: VERT.
HORIZ.
DATE: APRIL 5, 1999

DRAWN BY CADD
CHECKED BY JCN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
662		MACOUPIN	74 54
STA. 438+00		TO STA. 444+00	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT
• 10Z (RS-1); (V,T) RS-2; S(RS-4)			



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REVISIONS	
NAME	DATE

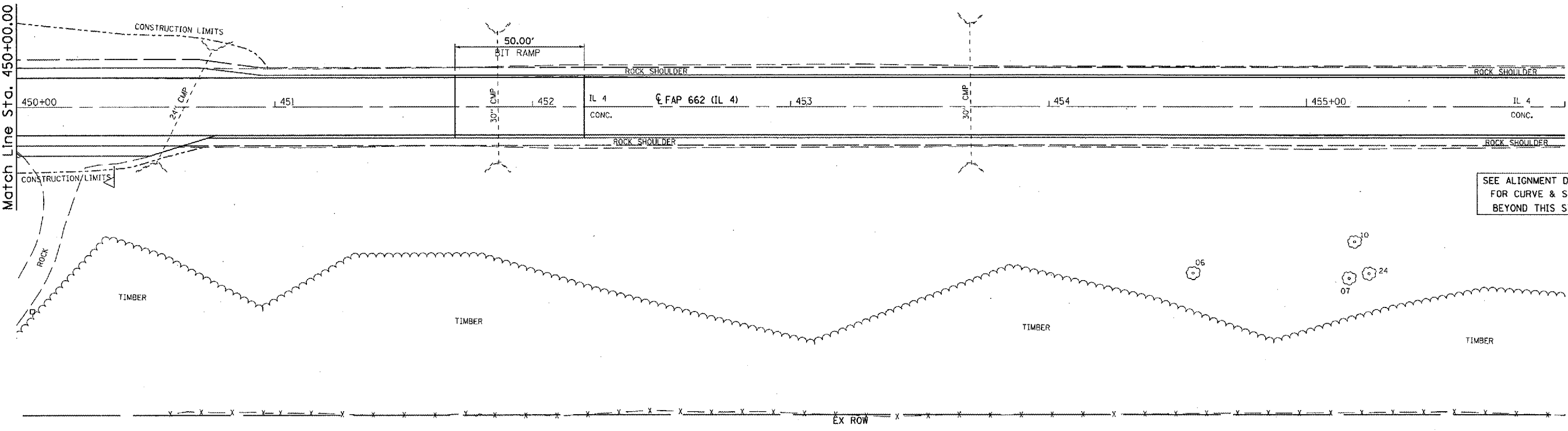
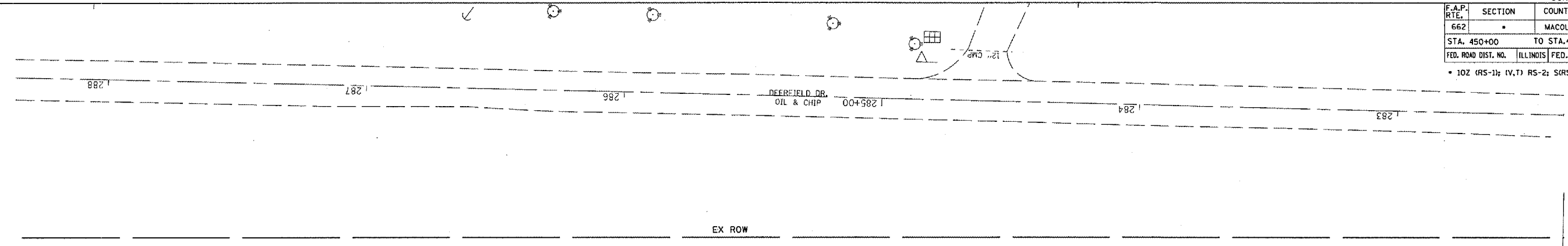
ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLAN

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY BDX
 CHECKED BY JCN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	.	MACOLPIN	74	56
STA. 450+00		TO STA. 456+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• 10Z (RS-1); (V,T) RS-2; S(RS-4)				



SEE ALIGNMENT DIAGRAM FOR CURVE & SE DATA BEYOND THIS STATION

STA. 441+00 TO STA. 452+00
PR BIT SURF CSE 1 1/2"
(BY OTHERS)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLAN

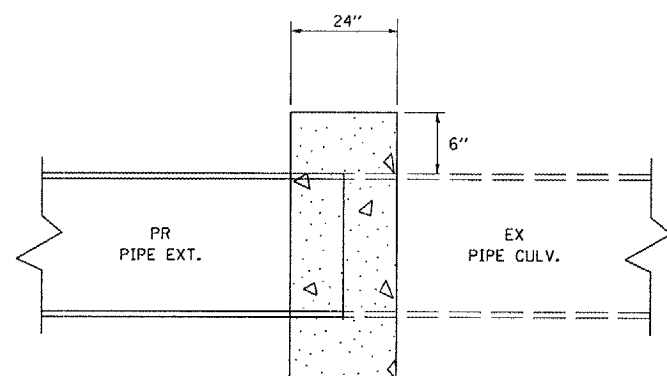
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HORIZ. _____

DATE _____

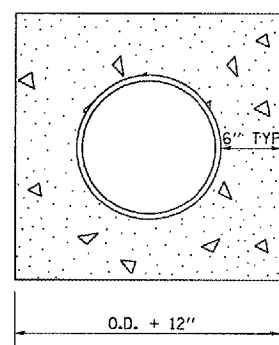
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CHECKED BY JCN

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USER NAME = woodley

CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	74	57
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 10Z(RS-1);(V,T) RS-2;(SIRS-4)				



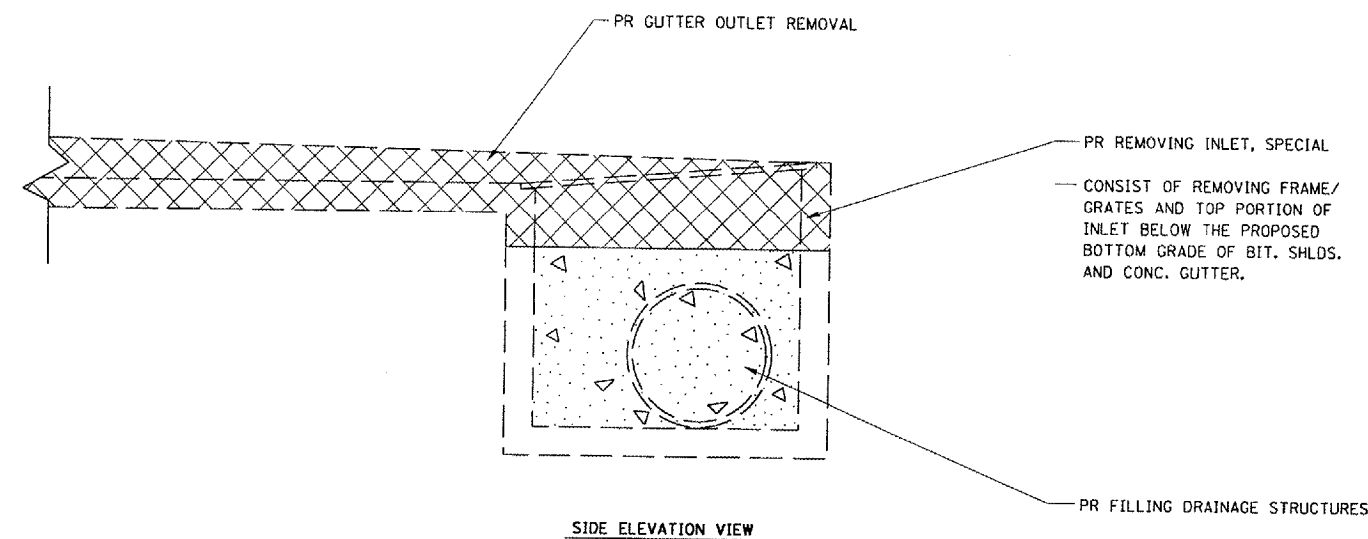
PLAN VIEW



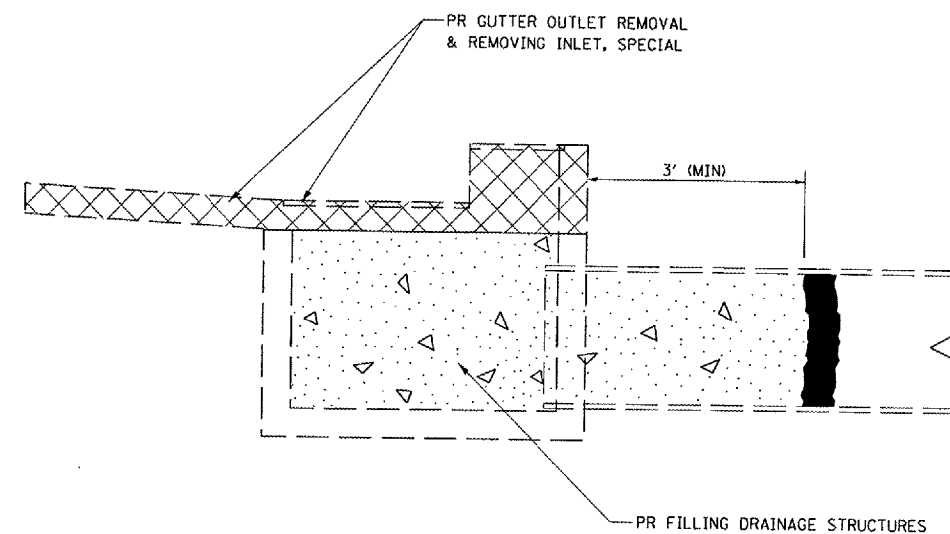
END VIEW

- NOTE:
- USE CLASS SI CONC. THROUGHOUT.
 - FURNISHING ALL MATERIALS LABOR, AND EQUIPMENT TO CONSTRUCT CONC. COLLARS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "CONCRETE COLLAR."
 - CONC. COLLARS FOR $\leq 30"$ DIA. PIPE REQUIRE NO REIN. BARS.

CONCRETE COLLAR
DETAIL



SIDE ELEVATION VIEW



END ELEVATION VIEW

INLET REMOVAL SPECIAL AND FILLING DRAINAGE
STRUCTURE DETAILS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

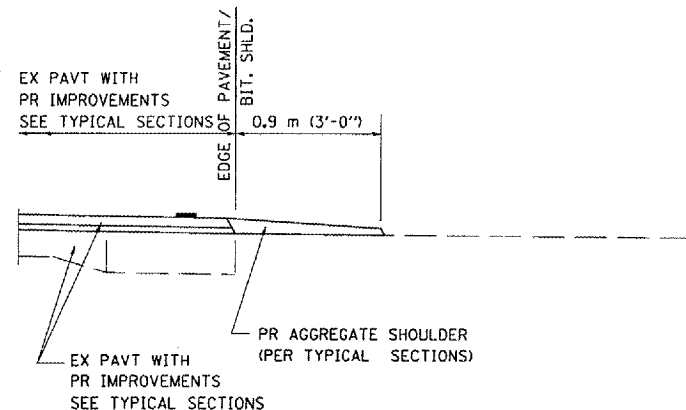
MISCELLANEOUS DETAILS

SCALE: VERT.
DATE

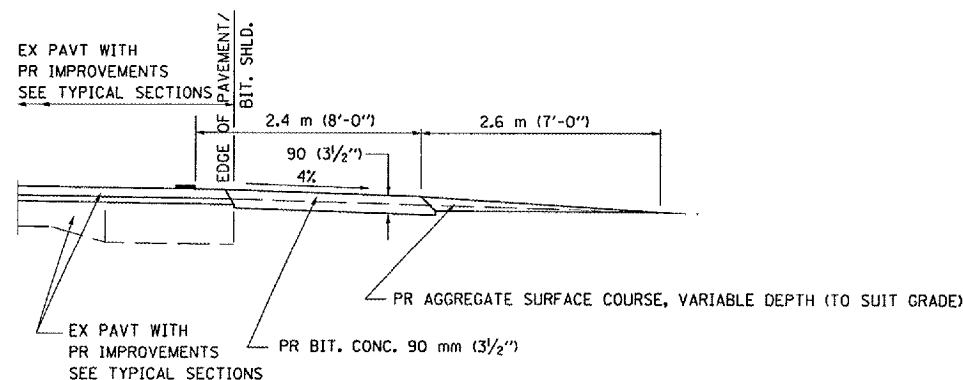
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USER NAME = baji

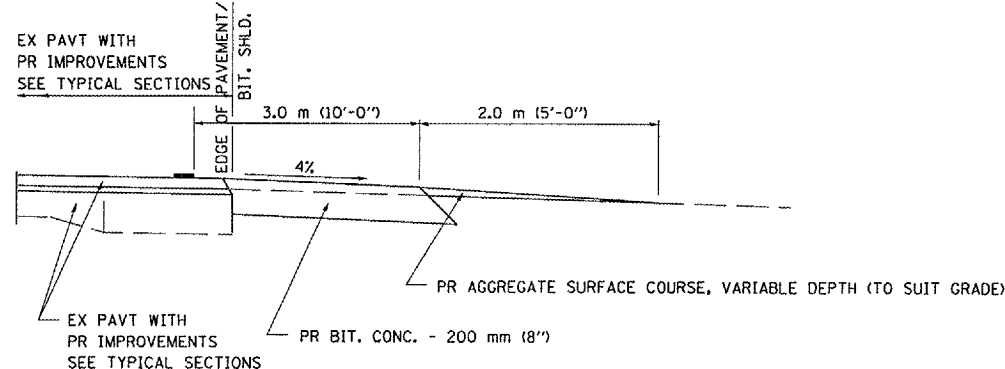
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			74	58
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



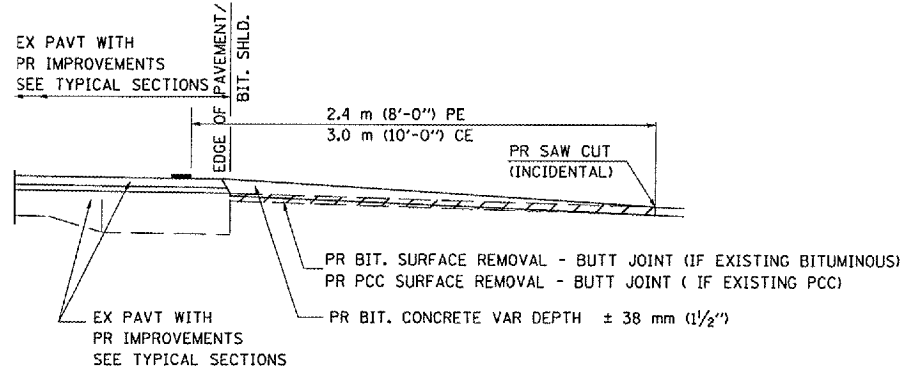
SECTION A-A FOR EX EARTH/AGGREGATE FE



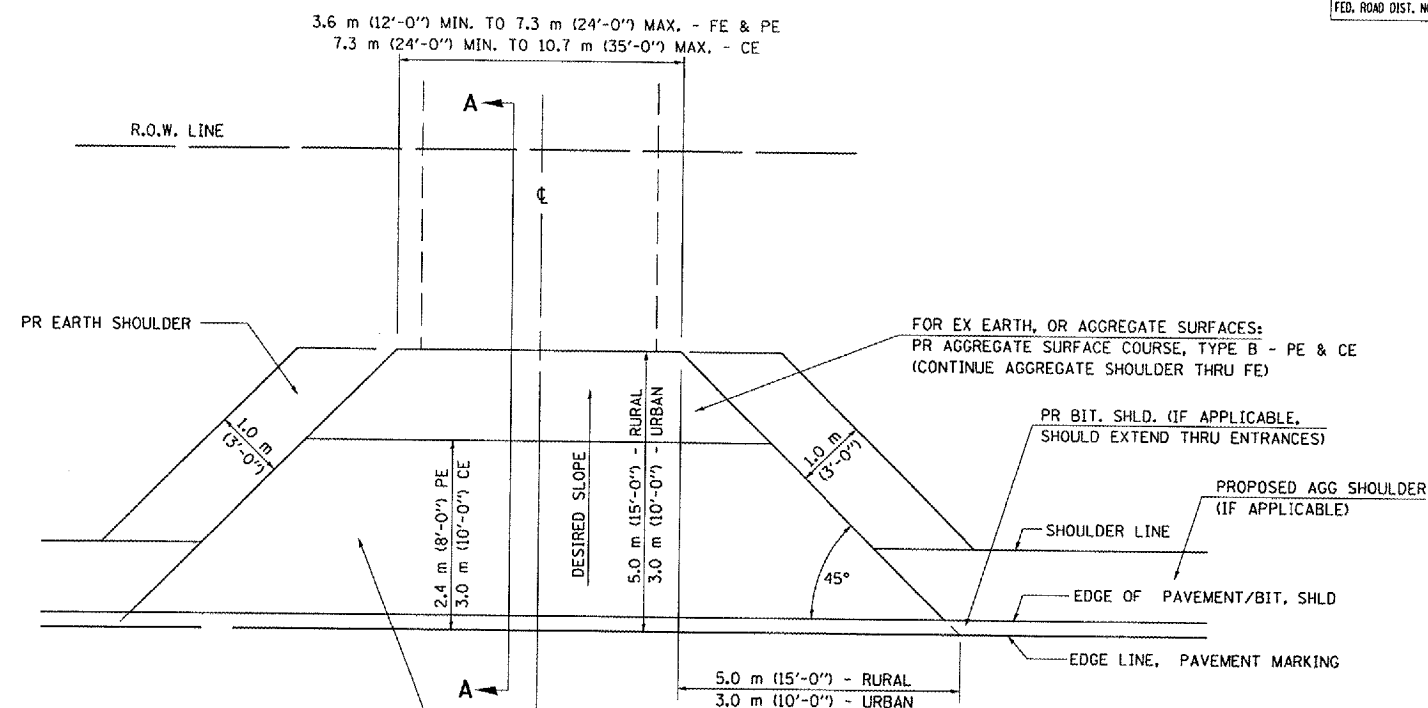
SECTION A-A FOR EX EARTH/AGGREGATE PE



SECTION A-A FOR EX EARTH/AGGREGATE CE & SIDE ROAD



SECTION A-A FOR EX BITUMINOUS/ PC CONCRETE PE, CE & SIDE ROAD



FOR EX EARTH OR AGGREGATE SURFACES:
PR BIT SURFACE REMOVAL (IF APPLICABLE)
PR AGGREGATE SHOULDER THRU - FE
PR BITUMINOUS CONCRETE 90 mm (3 1/2") - PE
PR BITUMINOUS CONCRETE 200mm (8") - CE

FOR EX BITUMINOUS CONCRETE SURFACES:
PR BITUMINOUS SURFACE REMOVAL-BUTT JOINT

FOR EX PCC SURFACES:
PR PCC SURFACE REMOVAL-BUTT JOINT

GENERAL NOTES:

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

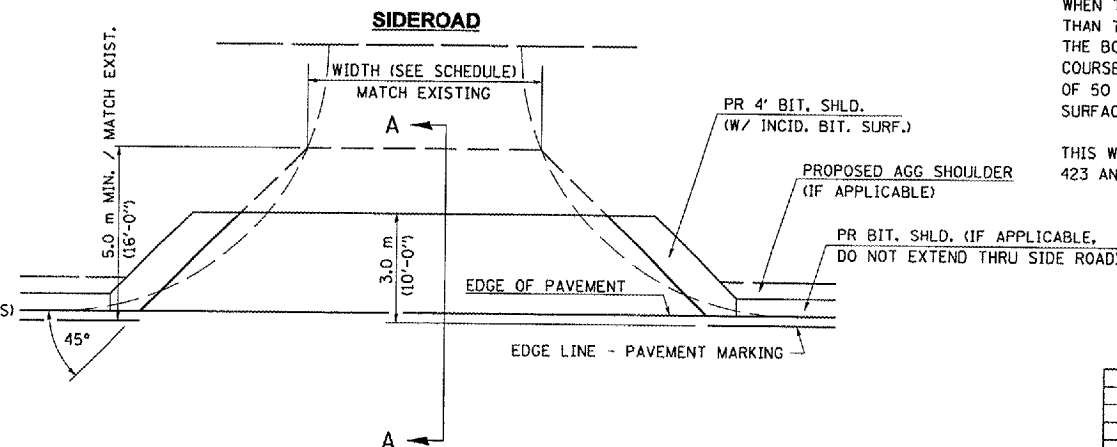
ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

BITUMINOUS CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE BITUMINOUS CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 75 mm (3 INCHES) AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF BITUMINOUS BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 50 mm (2 INCHES) SHALL MEET THE REQUIREMENTS OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.



NOTE : IF BIT. SHLDS ARE PROPOSED THEY SHOULD NOT EXTEND THROUGH SIDEROADS

REVISIONS	
NAME	DATE
JCN	2/19/03
JCN	4/01/04

SHEET 1 OF 2

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT SIX
DETAILS FOR RURAL / URBAN
ENTRANCE, MAILBOX TURNOUT
& SIDEROADS
W / O CONCRETE GUTTER
(PPP - PROJECTS)

SCALE: VERT.
HORIZ.
DATE: FEBRUARY 23, 1999

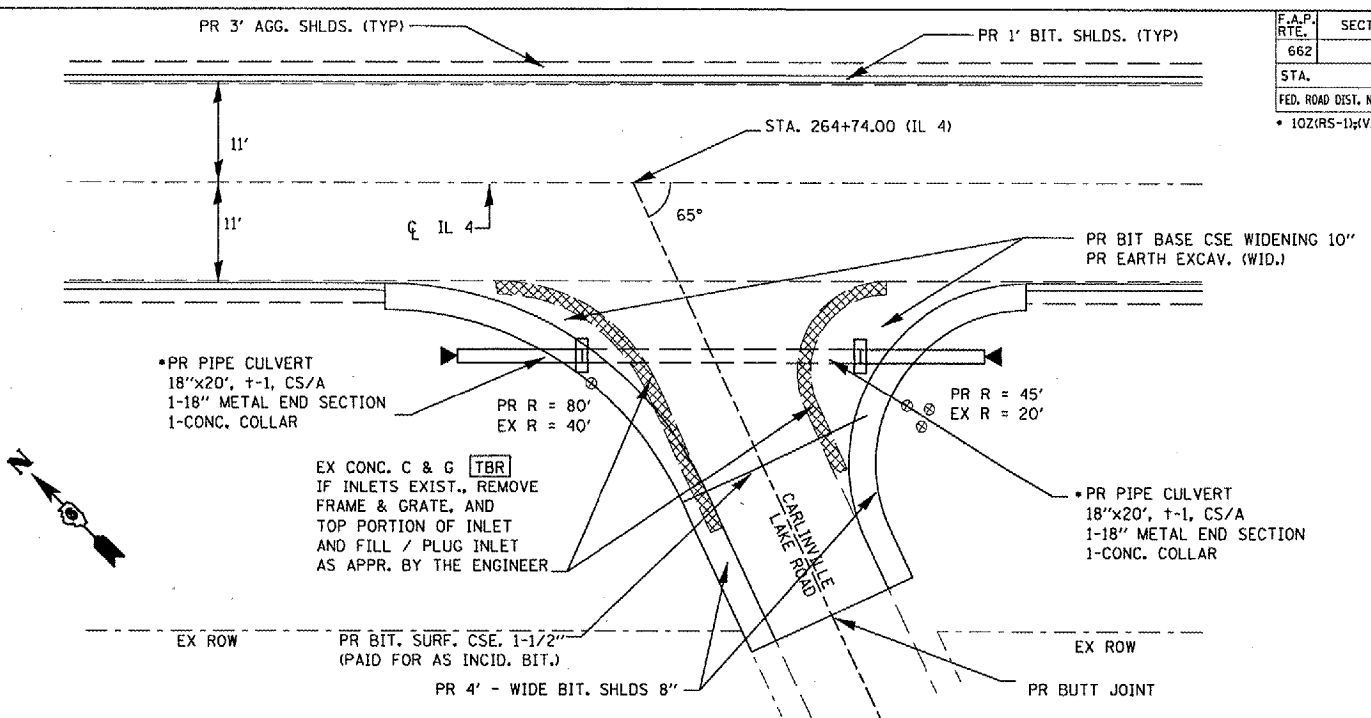
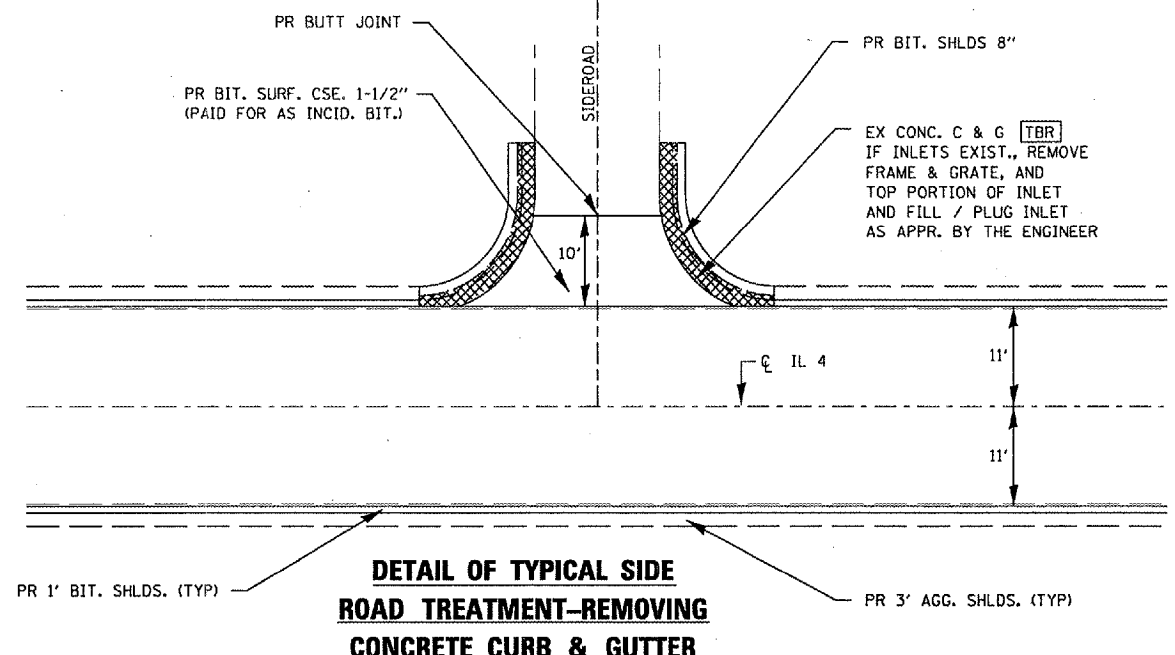
DRAWN BY CADD
CHECKED BY JCN

ENT PPP

DGN-SPEC
DATE-TIME *TIME* *USER*

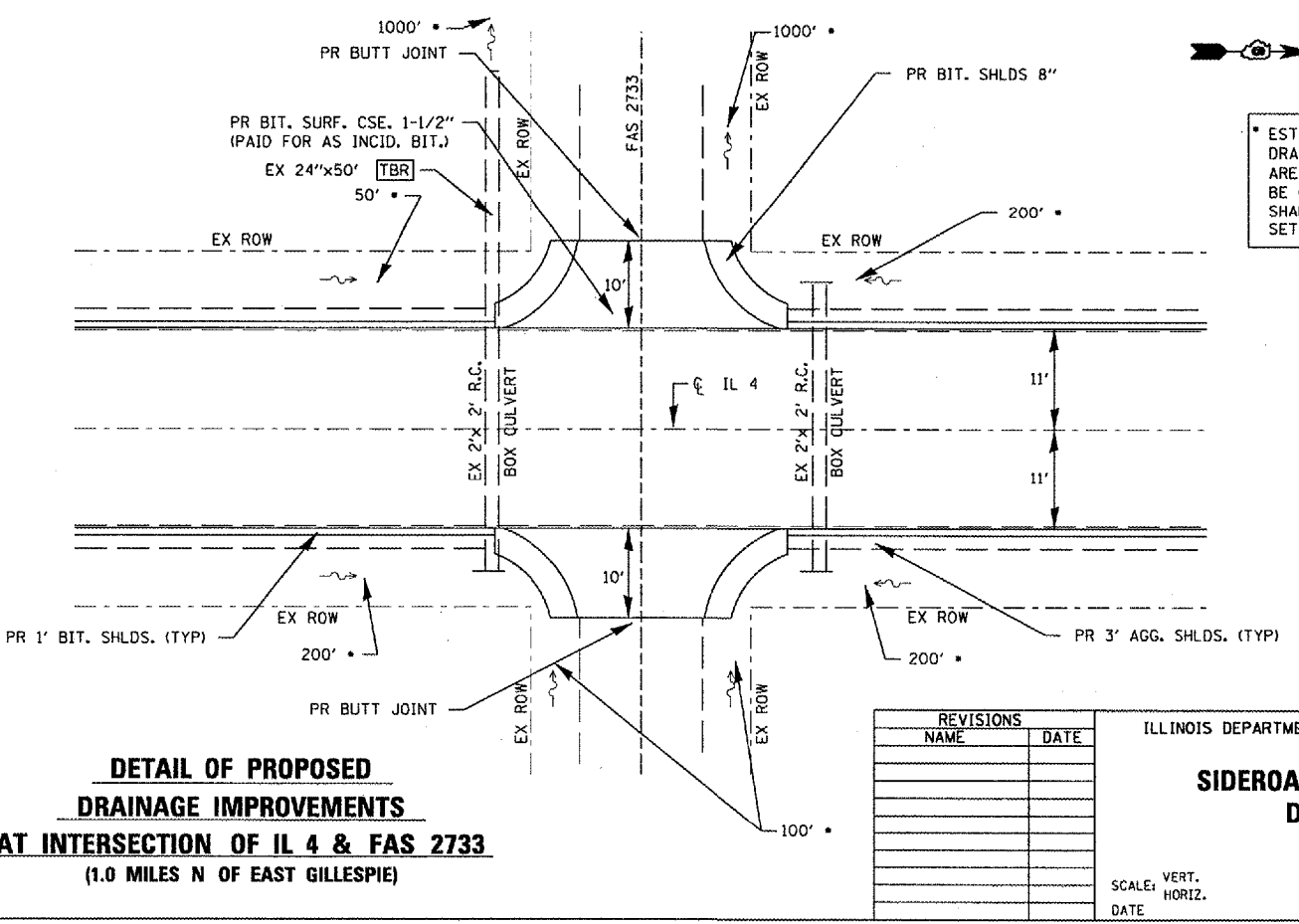
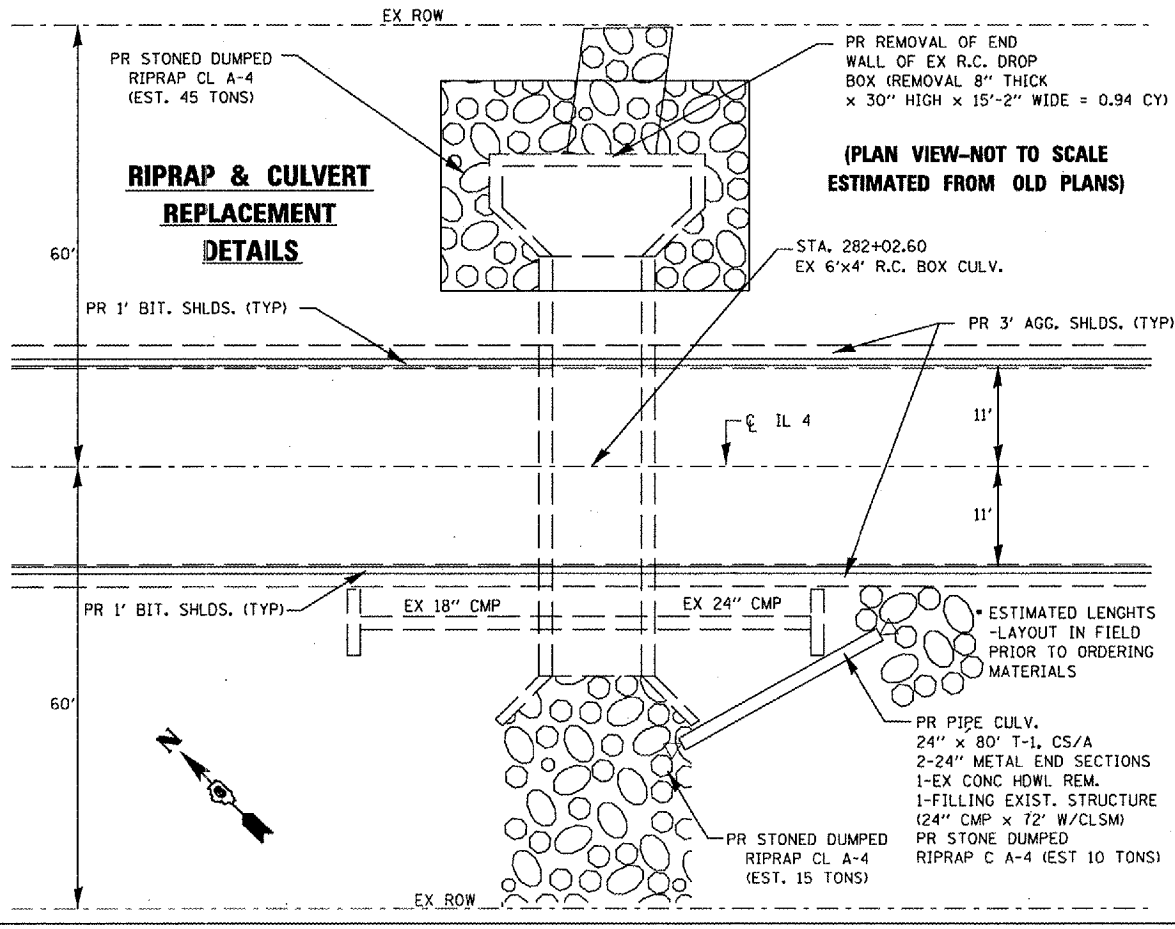
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	74	60
STA.	TO STA.		FED. ROAD DIST. NO.	
			ILLINOIS FED. AID PROJECT	

• 10Z(R5-1)(V,T)R5-2;S(R5-4)



**RADIUS IMPROVEMENT DETAIL
IL 4 & CARLINVILLE LAKE ROAD**
(PLAN VIEW-NOT TO SCALE
ESTIMATED FROM OLD PLANS)

* ESTIMATED LENGTHS-LAYOUT IN FIELD PRIOR TO ORDERING MATERIALS



**DETAIL OF PROPOSED
DRAINAGE IMPROVEMENTS
AT INTERSECTION OF IL 4 & FAS 2733**
(1.0 MILES N OF EAST GILLESPIE)

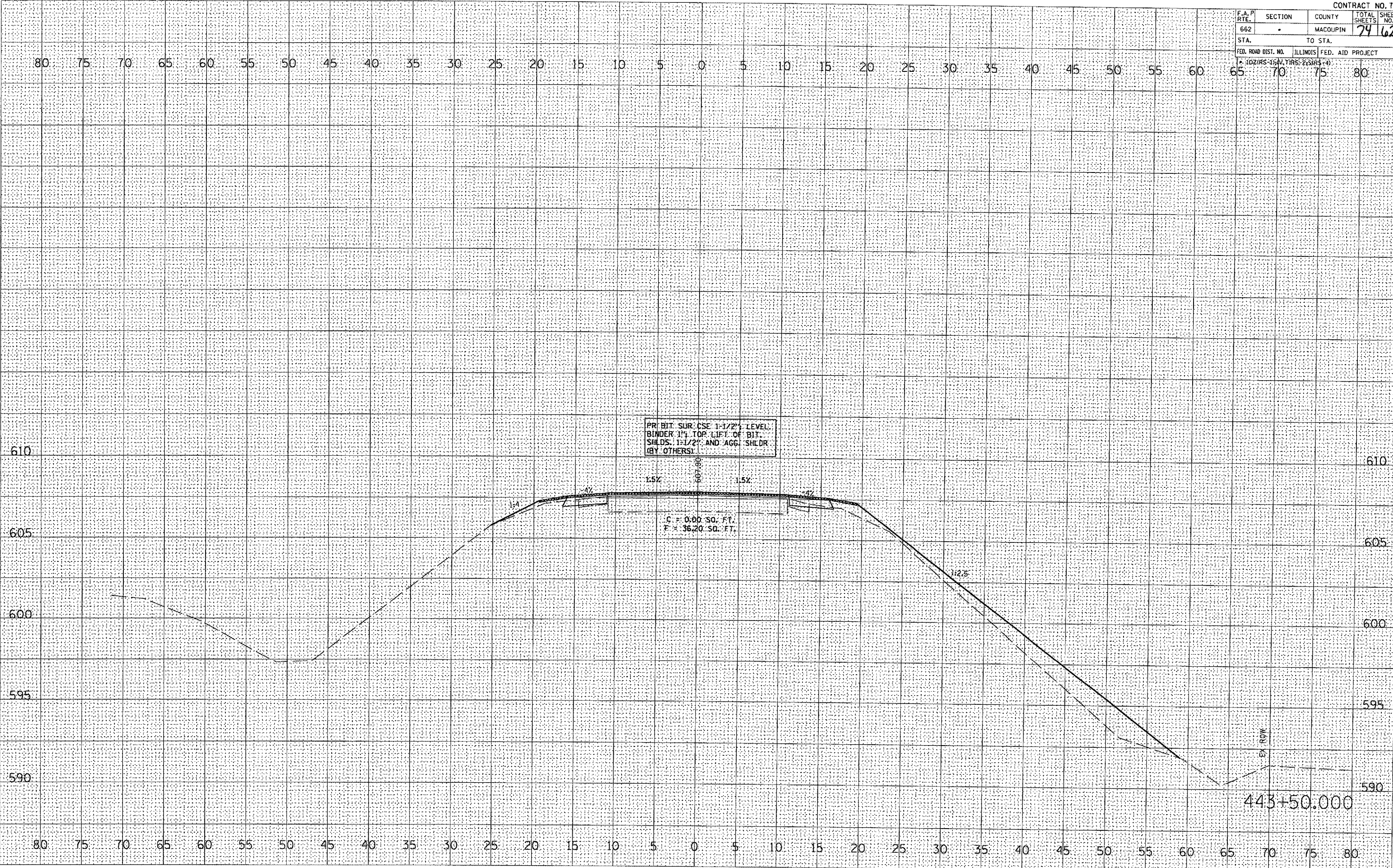
* ESTIMATED EXISTING DRAINAGE DITCHES ARE PROPOSED TO BE GRADED AND SHAPED AT AT PROFILE SET BY THE ENGINEER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**SIDEROAD - ENTRANCE
DETAILS**
SCALE: VERT. / HORIZ. / DATE
DRAWN BY: BDK
CHECKED BY: JCN

PLOT DATE = 4/1/2006
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 PLOT SCALE = 43.3735 / 1 IN.
 USER NAME = woodruff

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	74	62
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
1021RS-114V, TRS-216RS-4)				



FINAL SURVEY	BY	DATE
SURVEYED		
TEMPLATE		
AREAS		
CHECKED		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
TEMPLATE		
AREAS		
CHECKED		

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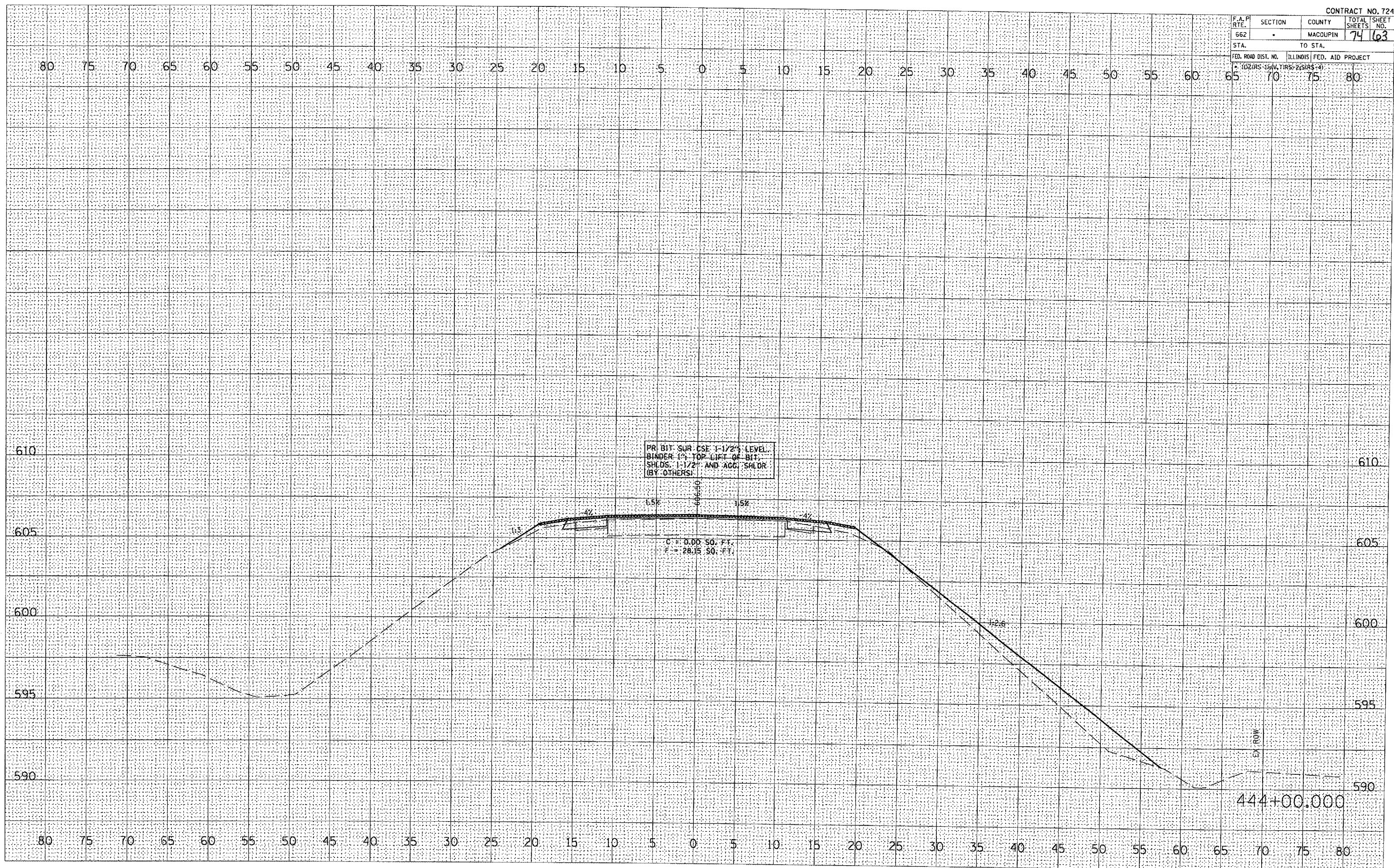
F.A. PI. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	74	63

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 STA. TO STA.

DATE	
BY	
REVIEWED	
NOTED	
NO. CHECKED	

DATE	
BY	
REVIEWED	
NOTED	
NO. CHECKED	

PLOT DATE = 3/26/2005
 FILE NAME = I:\Projects\052002\11005000\11005000.dwg
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HONEY CREEK CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	74	69

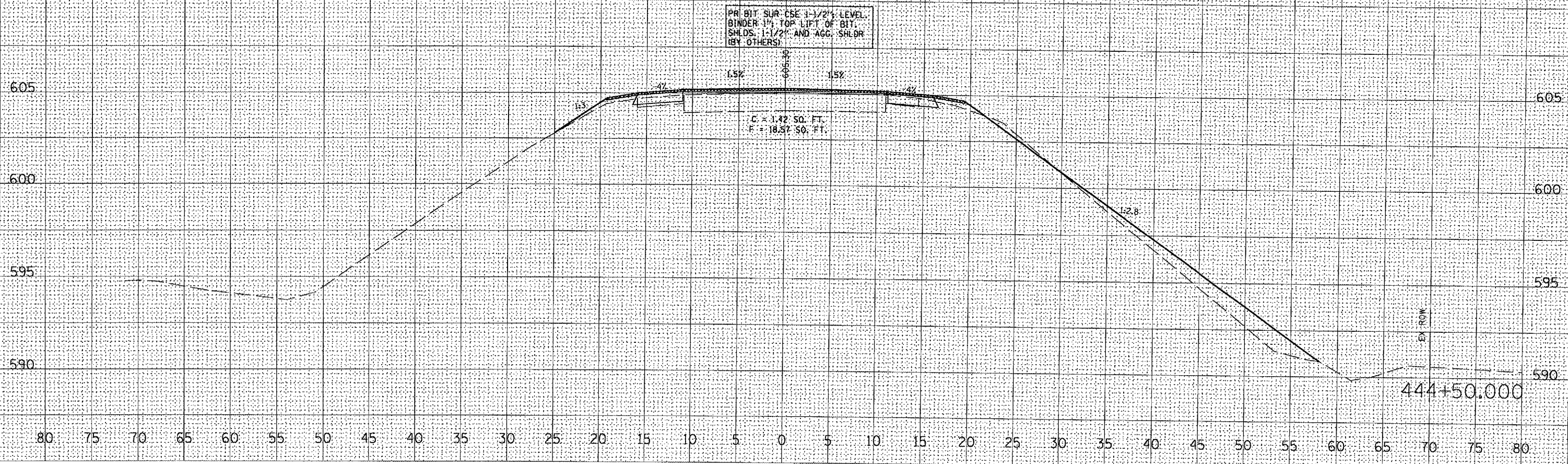
STA. TO STA.
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 * 1021RS-16(N,T)RS-2(S)RS-4)

80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80

DATE	
BY	
SURVEYED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
TEMPLATE	
AREAS CHECKED	
NO.	

PLOT DATE = 3/26/2005
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 USER NAME = bobj



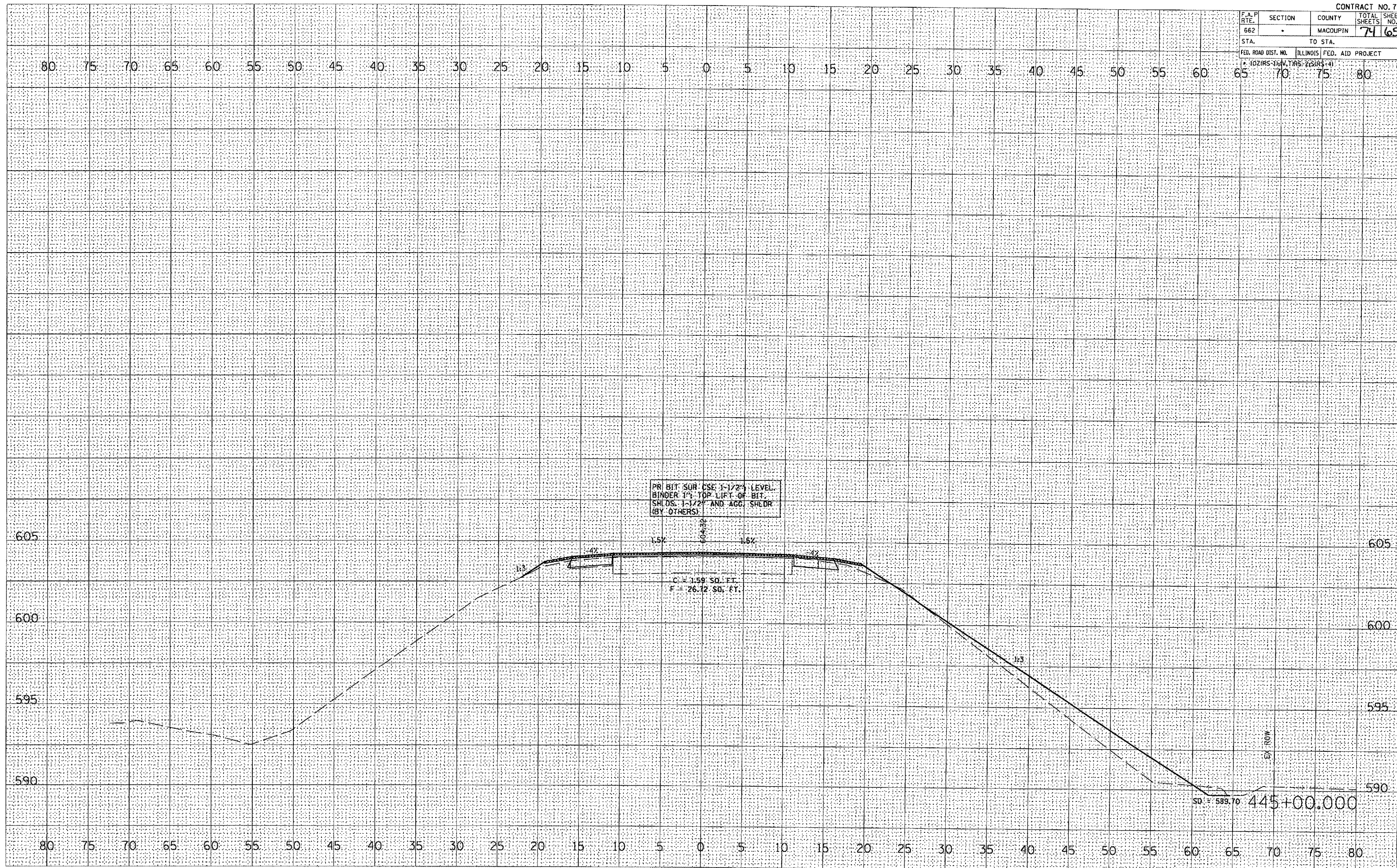
HONEY CREEK CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	74	65
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	
BY	
REVIEWED	
POSTED	
AREA	
AREAS CHECKED	
NO.	
FINAL SURVEY NOTE BOOK	

DATE	
BY	
REVIEWED	
POSTED	
AREA	
AREAS CHECKED	
NO.	
ORIGINAL SURVEY NOTE BOOK	

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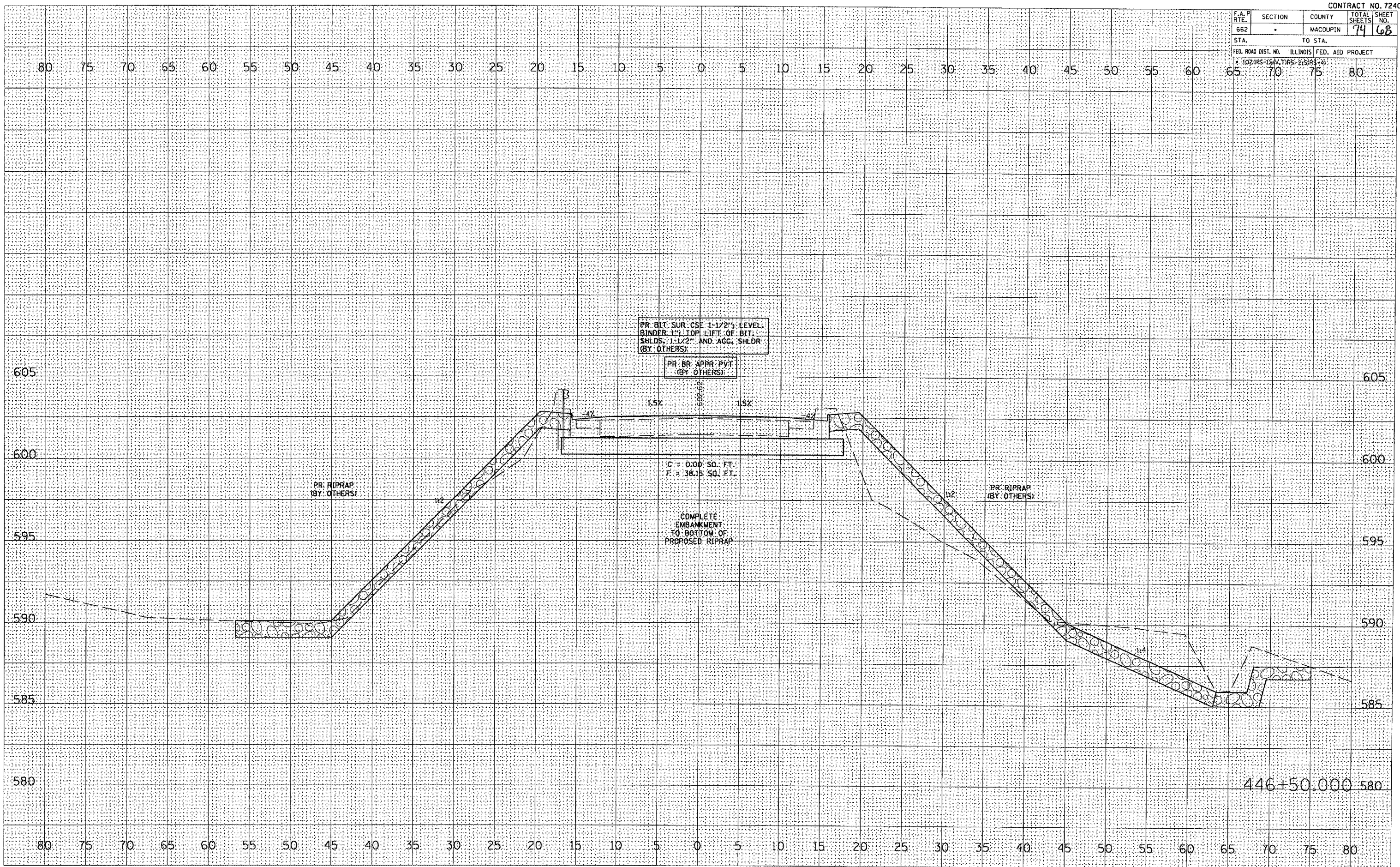
HONEY CREEK CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	-	MACOUPIN	74	68
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY

DATE	BY

PLOT DATE = 3/20/2005
 PLOT BY = [unclear]
 PLOT SCALE = [unclear]
 USER NAME = [unclear]



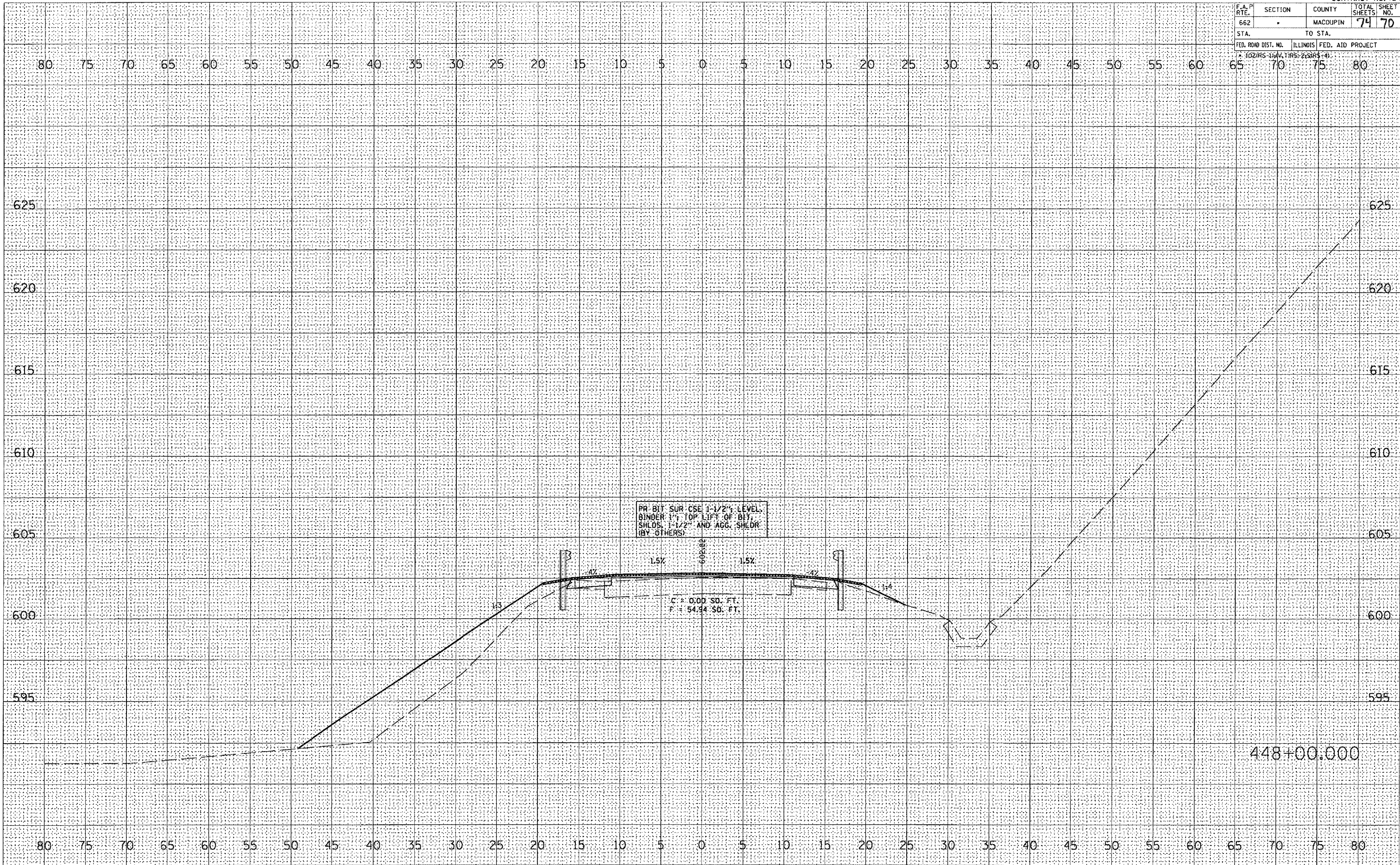
HONEY CREEK CROSS SECTIONS

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	74	70
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY

PLOT DATE = 3/26/2005
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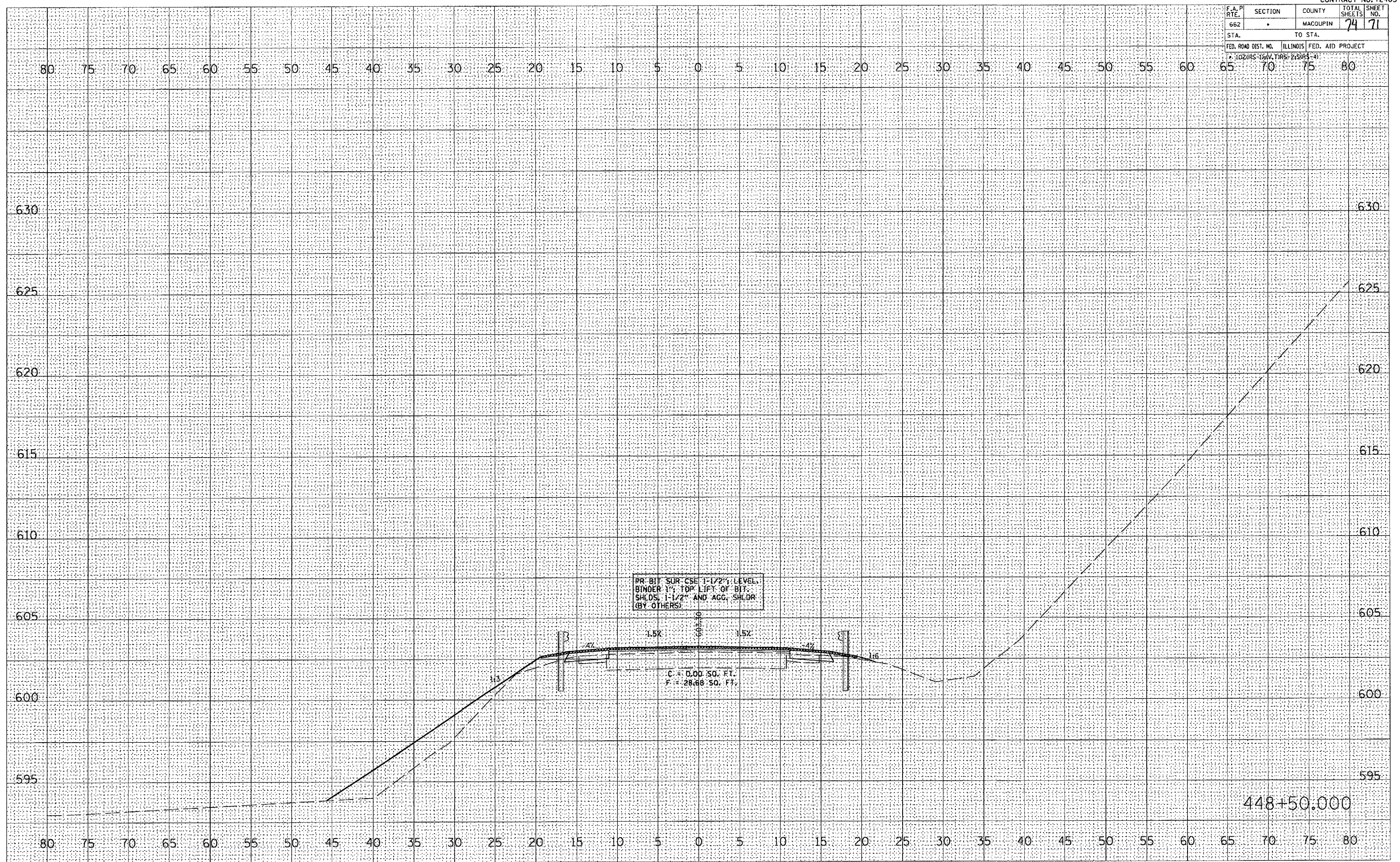
HONEY CREEK CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662		MACOUPIN	74	71
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* ILLINOIS TRV. TRS. 215(83-4)				

FINAL SURVEY	DATE
NOTE BOOK	BY
NO.	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
NOTE BOOK	BY
NO.	
AREAS CHECKED	

PLOT DATE = 3/28/2025
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 USER NAME = bml



448+50.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
562	.	MACOUPIN	74	72
STA. TO STA.				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
102 (HS-16) (V. TRS-2) (RS-4)				

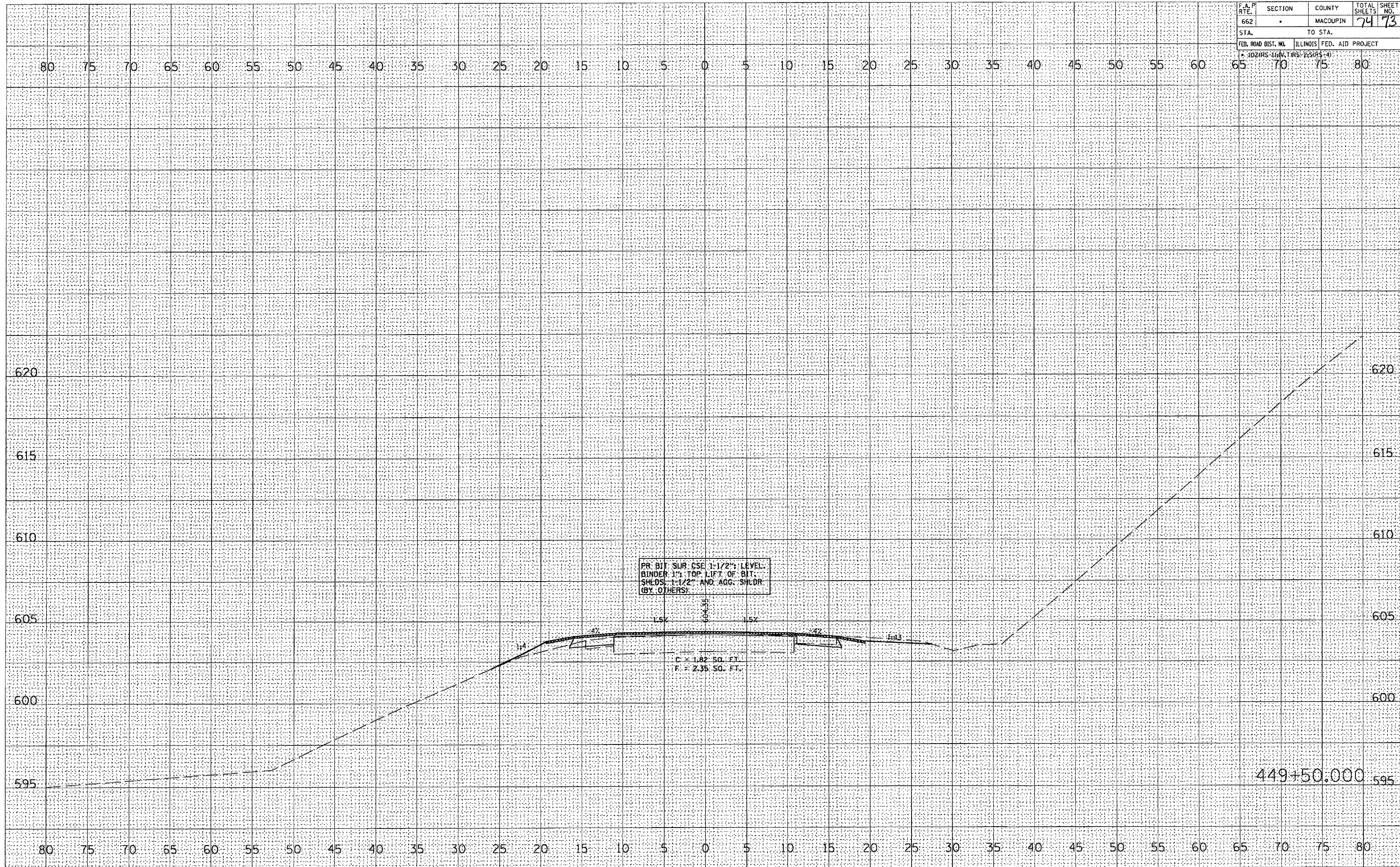


FINAL SURVEY NO. _____
 SURVEY PLOTTED _____
 TEMP. DATE _____
 AREA _____
 AREA CHECKED _____

ORIGINAL SURVEY NO. _____
 SURVEY PLOTTED _____
 TEMP. DATE _____
 AREA _____
 AREA CHECKED _____

PLOT DATE = 3/28/2005
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	.	MACOUPIN	74	73
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
A 1021RS-10A.11RS-2.5(85-4)				



DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
NO.	
REVISIONS	
DATE	
BY	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	
REVISIONS	
DATE	
BY	
NO.	

PLOT DATE = 3/28/2005
 FILE NAME = c:\prowork\4852802\area05\area05.dwg
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