

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

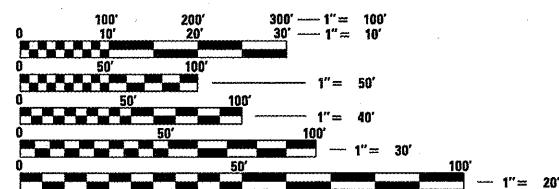
**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 594 (IL 203)
SECTION (61-63)RS-3

MADISON COUNTY
RESURFACING
C-98-039-08

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	(61-63)RS-3	MADISON	40	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 76B71		

FOR INDEX OF SHEETS, SEE SHEET NO. 2

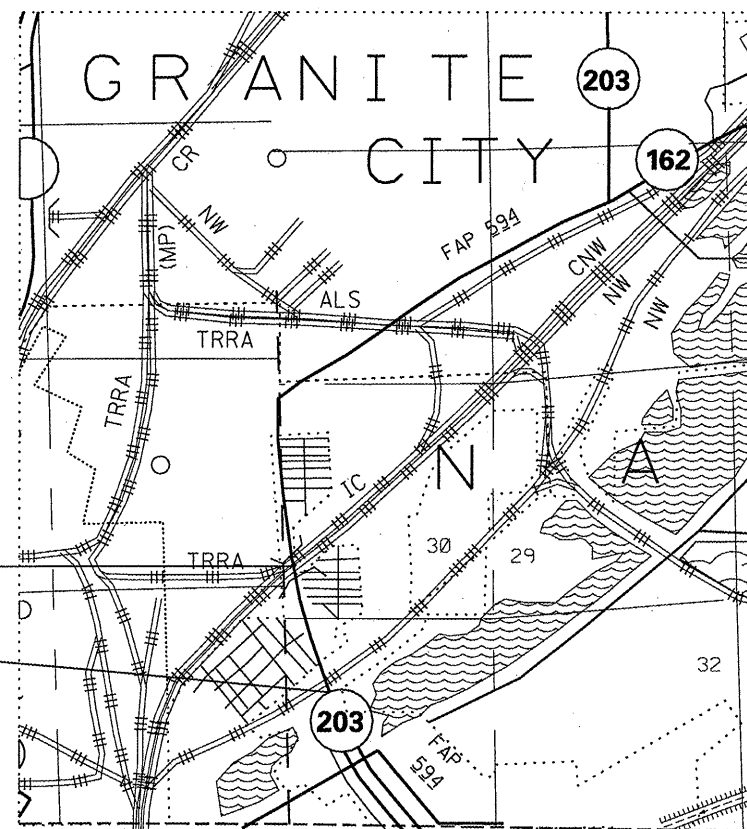


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: CHERYL KEPLAR 618-346-3186
PROJECT MANAGER: PATTI LEBEAU 618-346-3179

CONTRACT NO. 76B71



BRIDGE OMISSION
STA. 187+25 - 188+15

BEGIN PROJECT
STA. 155+96
LAT = 38°39'51.5"N
LONG = -90°8'33"W

END PROJECT
STA. 317+72
LAT = 38°41'57.1"N
LONG = -90°7'14.6"W

NET LENGTH = 16,086 FT. = 3.05 MILES
GROSS LENGTH = 16,176 FT. = 3.06 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *March 26* 20 *09*

Mark C. James
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

May 8 20 *09*
Charles J. Greenwell
ENGINEER OF DESIGN AND ENVIRONMENT

May 8 20 *09*
Christina M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- ILLINOIS STATE LAW REQUIRES A 48 HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANIES DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - AMEREN IP
 - AMEREN CIPS
 - AT&T ILLINOIS
 - AT&T CORPORATION
 - CENTERPOINT ENERGY
 - CHARTER COMMUNICATIONS, INC.
 - CONSOLIDATED COMMUNICATIONS
 - GRANITE CITY STEEL
 - CITY OF GRANITE CITY
 - ILLINOIS AMERICAN WATER COMPANY
 - MCLEOD USA TELECOMMUNICATIONS, INC.

MEMBERS OF J.U.L.I.E. (PHONE: 800-892-0123) ARE INDICATED BY *. NON-J.U.L.I.E. MEMBERS MUST BE CONTACTED INDIVIDUALLY.
- WHEN NO WORK IS BEING PERFORMED, THE FLAGGERS WILL NOT BE REQUIRED. IF FLAGGERS ARE NOT PRESENT, THE FLAGGER SIGNS SHALL BE REMOVED OR COVERED.
- FLAGGERS SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION WILL BE APPLIED.
- 'ROAD CONSTRUCTION AHEAD' SIGNS SHALL BE PLACED AT EACH END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS. THE COST WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE AND 48"X48".
- THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPO SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. BOTH SHALL BE ASSUMED TO BE APPROXIMATE.
- THE FOLLOWING MIXTURE REQUIREMENTS APPLY TO THIS PROJECT.

MIXTURE USE	POLY SURFACE	LEVEL BINDER	BINDER/PATCHING
AC/PG	SBS 76-22	PG 64-22	PG 64-22
RAP % (MAX)	10%	10%	10%
DESIGN AIR VOIDS	4.0% @ NDES=90	4.0% @ NDES=90	4.0% @ NDES=90
MIX COMPOSITION (GRADATION MIXTURE)			
FRICITION AGG	MIXTURE "D"	MIXTURE "C"	MIXTURE "B"

- EXCESS BITUMEN REMOVAL SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB, AND MEDIAN SURFACE. THE COST SHALL BE INCLUDED IN THE COST FOR CURB OR COMBINATION CURB AND GUTTER REMOVE AND REPLACE.
- THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLES AND VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING MILLING OPERATIONS.
- THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.
- ANY EARTHWORK ASSOCIATED WITH THE REMOVAL AND REPLACEMENT OF THE GUTTER AND CURB & GUTTER SHALL BE INCLUDED IN THE COST FOR THE GUTTER AND COMBINATION CONCRETE CURB & GUTTER.
- NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
- EXCAVATION ADJACENT TO EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH STEADY BURN LIGHTS.
- ALL EXCAVATION ASSOCIATED WITH THE PLACEMENT OF ASPHALT SHOULDERS SHALL BE INCLUDED IN THE COST FOR HOT-MIX ASPHALT SHOULDERS, 8".
- THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR ITS UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR ITS EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. IF "LOCATING UNDERGROUND CABLE" IS NOT INCLUDED AS PART OF THE PLANS, THE WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- EXCAVATION FOR THE REPLACEMENT OF THE CULVERT PIPE AT STA. 283+11 (INTERNATIONAL MILL SERVICE ROAD) WILL BE INCLUDED IN THE COST OF THE PIPE CULVERT. AN ADDITIONAL 10 TONS OF AGGREGATE SHOULDERS, TYPE B HAS BEEN INCLUDED FOR THE BACKFILL AND REGRADING AFTER THE PIPE CULVERT HAS BEEN INSTALLED.

- THE PAVEMENT MARKINGS SHOWN IN THE PLANS ARE APPROXIMATE. THE LOCATIONS OF THE PROPOSED CROSSWALKS, STOP BARS, ETC. SHALL MATCH EXISTING LOCATIONS, AS DIRECTED BY THE ENGINEER.
- SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, PRIMED, BINDER, AND FINAL BITUMINOUS SURFACE. ONLY THE REMOVAL OF THE FINAL SURFACE APPLICATION SHALL BE PAID FOR AS WORK ZONE PAVEMENT MARKING REMOVAL - 50 FT. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN ADDED TO THE PLANS.
- ALL TEMPORARY PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- ALL EXISTING AND PROPOSED RIGHT-OF-WAY LINES AND PROPERTY LINES SHOWN ON THE PLAN SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGHT-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.
- ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. THE COST SHALL BE INCLUDED IN THE ITEM OF WORK BEING DONE. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR FERTILIZER NUTRIENTS OR MULCH. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
- THE PROPOSED STEEL PLATE BEAM GUARDRAIL AND TRAFFIC BARRIER TERMINAL ITEMS INCLUDED IN THE PLANS SHALL COMPLY WITH THE DETAILS IN THE PLANS AND MANUFACTURER'S DETAILS IN ORDER TO MATCH THE EXISTING GUARDRAIL ELEMENTS THAT WERE ERECTED PRIOR TO JANUARY 1, 2007.
- PAVEMENT MILLING IN AREAS OF EXISTING CONCRETE PATCHING WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF HOT-MIX ASPHALT SURFACE REMOVAL.
- ADDITIONAL QUANTITY HAS BEEN INCLUDED IN THE PAY ITEM FOR TEMPORARY RAMPS TO INCLUDE SIDE ROADS AND THE AREA AT THE RAILROAD TRACKS.
- A QUANTITY FOR NEW PRISMATIC CURB REFLECTORS HAS BEEN INCLUDED. THIS COST SHALL INCLUDE THE REMOVAL OF ANY OLD REFLECTOR TO BE REPLACED AS DIRECTED BY THE ENGINEER.
- THE RE SHALL CONTACT MR. JEFF HARMS (CELL: 618-979-5548) OF GRANITE CITY STEEL PRIOR TO BEGINNING THE PIPE CULVERT REPLACEMENT AT THE ENTRANCE LOCATED AT STA. 283+11 IN ORDER TO COORDINATE THE CONTRACTOR'S ACTIVITIES AROUND THE ACTIVITIES AT THE KOKE PLANT TO MINIMIZE ANY DISRUPTION.

HIGHWAY STANDARDS:

000001-05	701602-04
442201-03	701701-06
482011-03	701901-01
606001-04	780001-02
635006-03	781001-03
701101-02	886001-01
701601-06	886006-01

INDEX OF SHEETS

- COVER SHEET
- GENERAL NOTES, INDEX OF SHEETS, COMMITMENTS, STANDARDS AND ADT
- SUMMARY OF QUANTITIES
- 11. TYPICAL SECTIONS
- 14. SCHEDULES
- 20. PLAN SHEETS
- 26. PAVEMENT MARKING SHEETS
- 30. STEEL PLATE BEAM GUARDRAIL DETAILS
- PAVEMENT JOINT DETAILS
- 33. PAVEMENT MARKING DETAILS
- 40. DETECTOR LOOP PLANS

COMMITMENTS:

NONE

ADT

IL 203 NORTH OF BIG BEND ROAD
2007 ADT = 19,400 (ACTUAL)
2008 ADT = 19,600 (ESTIMATED)
SU = 2.8%
MU = 4.4%

IL RTE 203 SOUTH OF 6TH STREET
2007 ADT = 16,400 (ACTUAL)
2008 ADT = 16,600 (ESTIMATED)
SU = 3.4%
MU = 2.6%

IL RTE 203 SOUTH OF EDWARDSVILLE ROAD
2007 ADT = 14,800 (ACTUAL)
2008 ADT = 14,900 (ESTIMATED)
SU = 3.7%
MU = 3.0%

IL RTE 203 NE OF MCCAMBRIDGE AVE.
2007 ADT = 16,400 (ACTUAL)
2008 ADT = 16,600 (ESTIMATED)
SU = 3.6%
MU = 2.8%

IL RTE 203 SW OF IL 162
2007 ADT = 12,900 (ACTUAL)
2008 ADT = 13,000 (ESTIMATED)
SU = 2.7%
MU = 2.3%

FILE NAME =	USER NAME = #USER#	DESIGNED - ---	REVISED - -----	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, INDEX OF SHEETS, ADT, COMMITMENTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT SCALE = #SCALE#	CHECKED - ---	REVISED - -----			CONTRACT NO. 76B71					
	PLOT DATE = #DATE#	DATE - ---	REVISED - -----			FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT					
				SCALE: -----		SHEET NO. ___ OF ___ SHEETS		STA. ----- TO STA. -----			

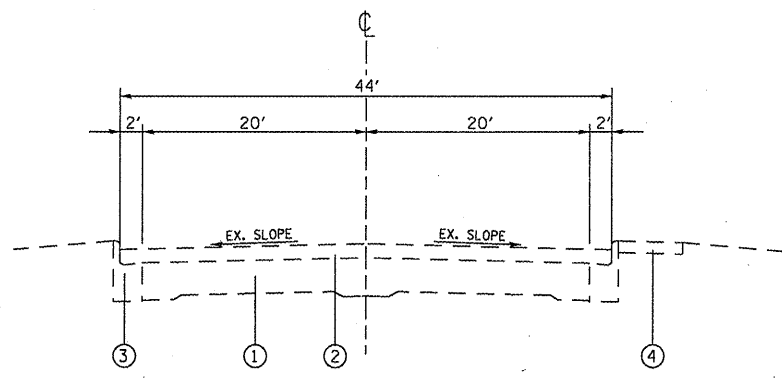
SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		1000 100% STATE	-----	-----	CODE NO	ITEM	UNIT		1000 100% STATE	-----	-----
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	55.1	55.1			70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1563	1563		
40600300	AGGREGATE (PRIME COAT)	TON	265	265			70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	560	560		
40600645	LEVELING BINDER (MACHINE METHOD), N90	TON	3680	3680			70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	1954	1954		
40600990	TEMPORARY RAMP	SQ YD	2013	2013			*78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	474	474		
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	6553	6553			*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	73297	73297		
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	86355	86355			*78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1563	1563		
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	322	322			*78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	560	560		
44003100	MEDIAN REMOVAL	SO FT	233	233			*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	774	774		
44200188	PAVEMENT PATCHING, TYPE I, 16 INCH	SO YD	36	36			*78200300	PRISMATIC CURB REFLECTOR	EACH	52	52		
44200192	PAVEMENT PATCHING, TYPE II, 16 INCH	SO YD	134	134			*78200410	GUARDRAIL MARKERS, TYPE A	EACH	6	6		
44200196	PAVEMENT PATCHING, TYPE III, 16 INCH	SO YD	58	58			*78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4		
44200198	PAVEMENT PATCHING, TYPE IV, 16 INCH	SO YD	54	54			78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1349	1349		
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	21141	21141			*80300100	LOCATING UNDERGROUND CABLE	FOOT	250	250		
48101200	AGGREGATE SHOULDERS, TYPE B	TON	188	188			*88600600	DETECTOR LOOP REPLACEMENT	FOOT	4910	4910		
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	139	139			X4400220	CURB REMOVAL AND REPLACEMENT	FOOT	98	98		
50105220	PIPE CULVERT REMOVAL	FOOT	81	81			*X7800100	PAINT PAVEMENT MARKING - RAISED MEDIAN	SO FT	197	197		
54200640	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 15"	FOOT	81	81			*X7800200	PAINT PAVEMENT MARKING CURB	FOOT	1216	1216		
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	2097	2097			20048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1		
63000002	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6.75' POSTS	FOOT	62.5	62.5									
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4									
63200310	GUARDRAIL REMOVAL	FOOT	550	550									
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6									
67100100	MOBILIZATION	L SUM	1	1									
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1									
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1									
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1									
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1									
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	23440	23440									
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	474	474									
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	73297	73297									

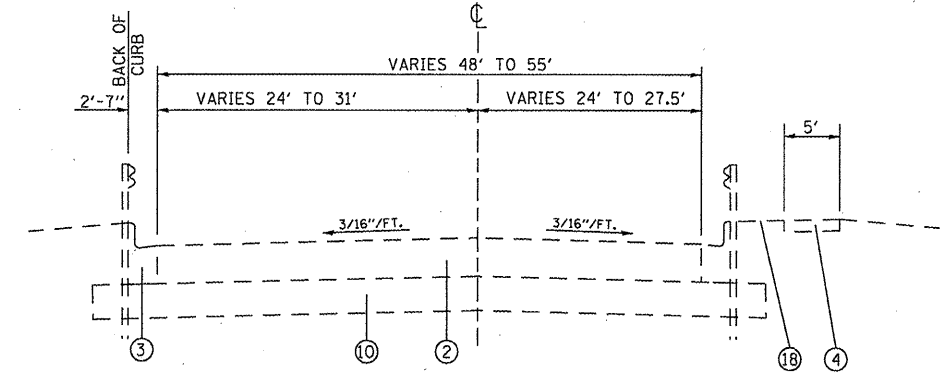
*specialty items

Rev.

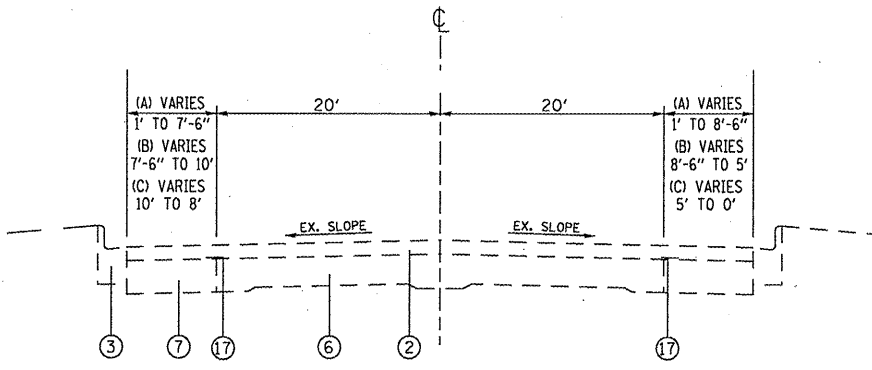
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PLOT SCALE = #SCALE#		CHECKED - ---	REVISED - ---			CONTRACT NO. 76B71				
PLOT DATE = #DATE#		DATE - ---	REVISED - ---			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
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TANGENT SECTION
STA. 155+96 TO STA. 168+50

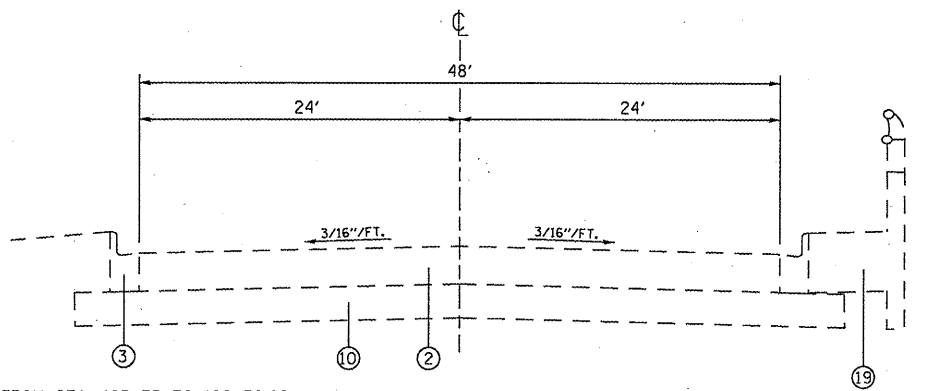


TANGENT SECTION
STA 176+50 TO 185+75
STA 191+87.38 TO 197+80
SEE PLAN SHEETS FOR GUARDRAIL LOCATIONS

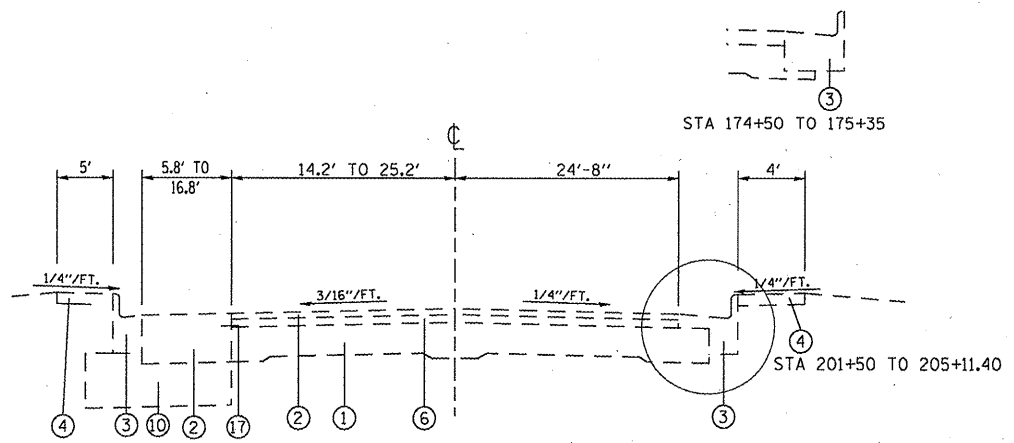


TANGENT SECTION
(A) STA 168+50 TO 173+17
(B) STA 173+17 TO 174+25
(C) STA 174+25 TO 174+50

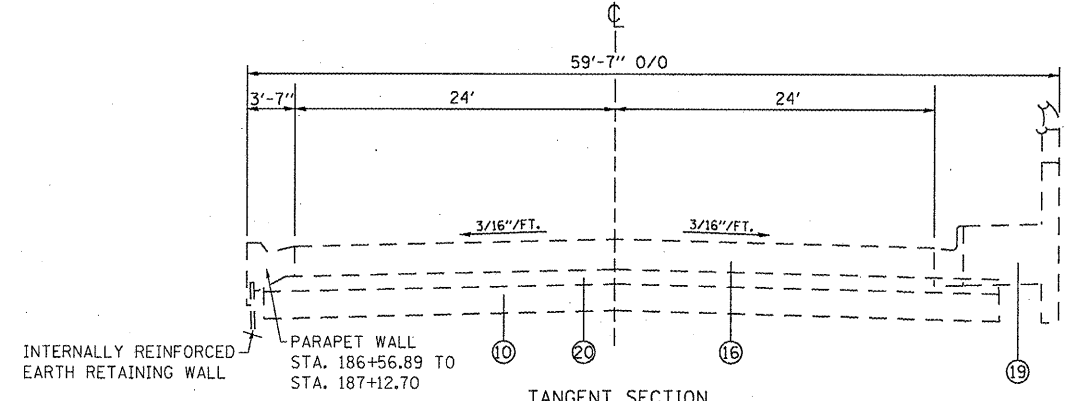
*CCC&G TYPE B6.24 FROM STA. 185+75 TO 186+56.89
PARAPET WALL FROM STA. 186+56.48 TO 187+12.70



TANGENT SECTION
STA 185+75 TO 186+77.59
STA 188+50.48 TO 191+87.38



TANGENT SECTION
STA 174+50 TO 176+50
STA 201+50 TO 205+11.40



TANGENT SECTION
STA 186+77.59 TO 187+27.57
BRIDGE OMISSION
STA 188+14.49 TO 188+50.48

- LEGEND**
- ① EXISTING P.C.C. BASE COURSE, 9"-7"-9"
 - ② EXISTING BITUMINOUS PAVEMENT:
STA. 155+96 TO 161+60 - 3"
STA. 161+60 TO 174+50 - 5"
STA. 174+50 TO 176+50 = 2-1/4" & 14"
STA. 176+50 TO 191+87.38 = 14"
STA. 197+80 TO 201+50 = 14"
STA. 201+50 TO 208+61.60 = 2-1/4" & 14"
STA. 209+06 TO 226+93 - 4 1/4"
STA. 226+93 TO 234+55 - 3"
STA. 234+55 TO 270+03 - 6"
STA. 270+03 TO 280+13 - 6 3/4"
STA. 280+13 TO 317+72 - 5 3/4"
 - ③ EXISTING CURB & GUTTER:
STA. 155+96 TO 168+00 - B6.24
STA. 168+00 TO 173+60 - B6.12
STA. 174+50 TO 186+77.59 - B6.24
STA. 188+50.48 TO 191+87.38 - B6.24
STA. 197+80 TO 201+50 - B6.24
STA. 201+50 TO 205+11.40 - B6.24 SP
STA. 205+11.40 TO 208+61.60 - B6.24
STA. 208+61.60 TO 222+29 - B6.12
STA. 234+55 TO 257+87 - B6.24
STA. 257+87 TO 268+22 - B6.12
STA. 268+22 TO 270+03 - B6.24
STA. 302+97 TO 317+70 - B6.24
 - ④ EXISTING SIDEWALK
 - ⑤ EXISTING RETAINING WALL
 - ⑥ EXISTING BITUMINOUS FILLED BRICK PAVEMENT
 - ⑦ EXISTING P.C.C. BASE COURSE WIDENING, 10"
 - ⑧ EXISTING CONCRETE CURB, TYPE B
 - ⑨ EXISTING P.C.C. BASE COURSE WIDENING, 11"
 - ⑩ EXISTING LIME MODIFIED SOIL, 12"
 - ⑪ EXISTING P.C.C. BASE COURSE WIDENING, 9"
 - ⑫ EXISTING CONCRETE CURB & GUTTER, TYPE 10 (MODIFIED)
 - ⑬ EXISTING CONCRETE MEDIAN SURFACE
 - ⑭ EXISTING CONCRETE MEDIAN TYPE C-4 (MODIFIED)
 - ⑮ EXISTING CONCRETE CURB & GUTTER, TYPE 9 (MODIFIED)
 - ⑯ EXISTING BRIDGE APPROACH PAVEMENT
 - ⑰ EXISTING STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - ⑱ EXISTING AGGREGATE OR SOD
 - ⑲ EXISTING RETAINING WALL
 - ⑳ EXISTING SUB-BASE GRANULAR MATERIAL TYPE A, 6"

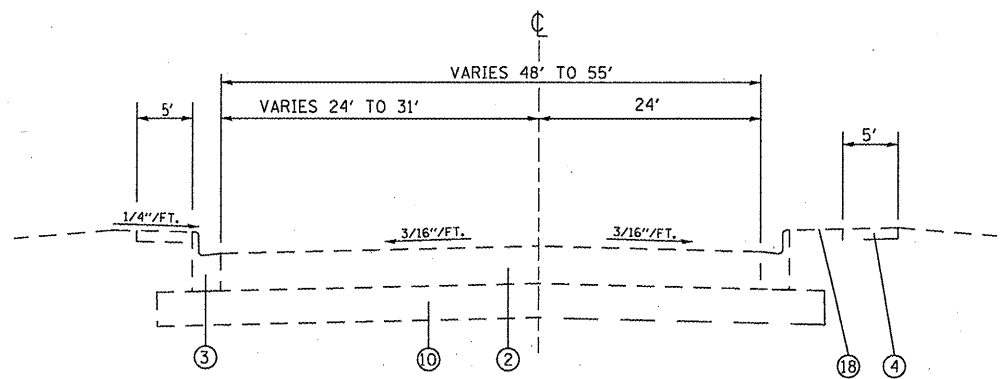
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

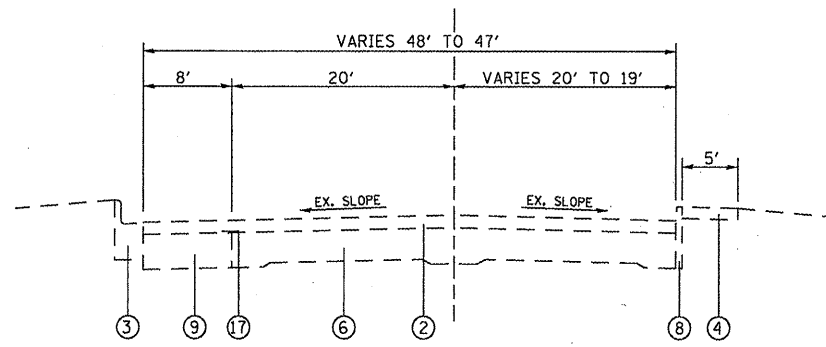
EXISTING TYPICAL SECTIONS

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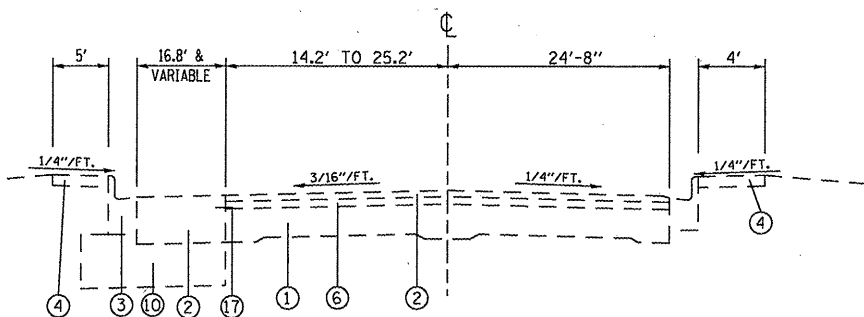
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594	(61-63)RS-3	MADISON	40	4
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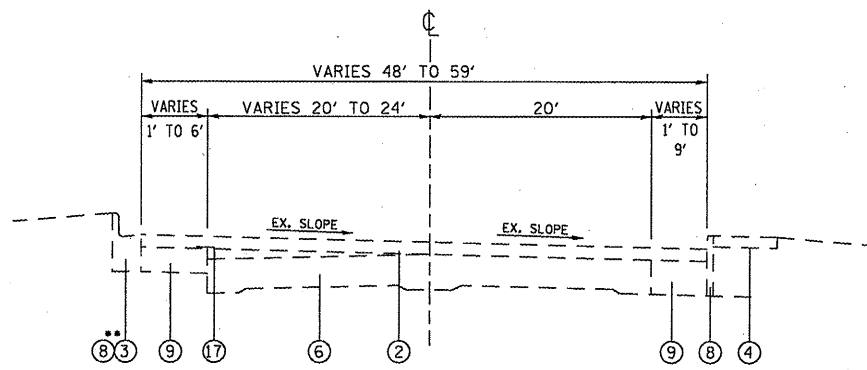
TANGENT SECTION
STA 197+80 TO 201+50



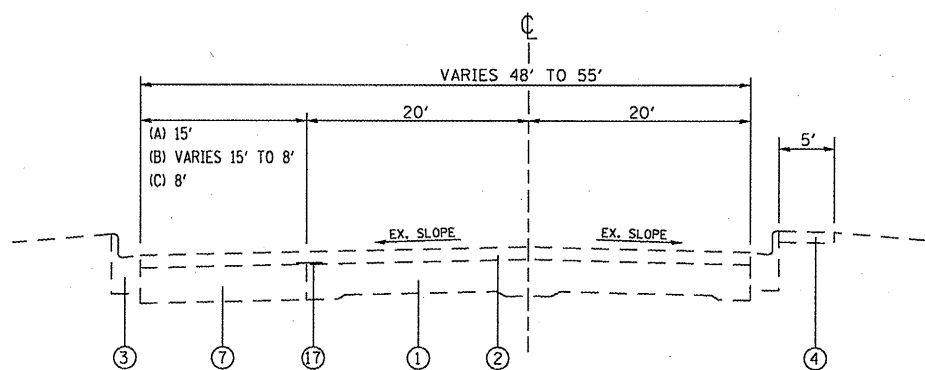
TANGENT SECTION
STA 218+98 TO 221+29



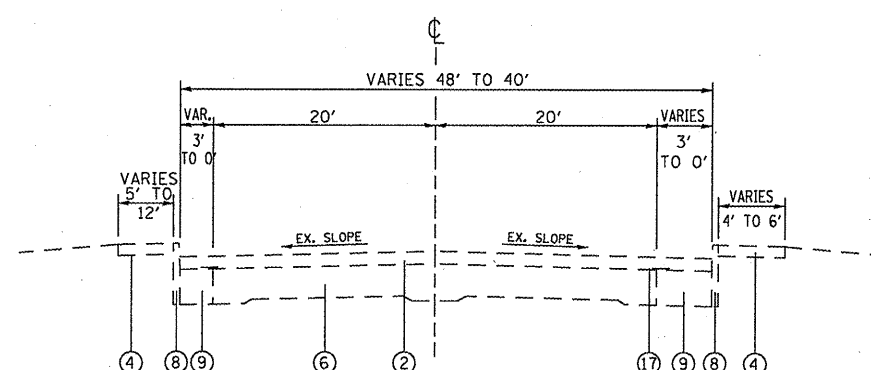
TANGENT SECTION
STA 205+11.40 TO 208+61.60



SUPERELEVATION SECTION
STA 221+29 TO STA 223+90



TANGENT SECTION
(A) STA 208+61.60 TO 214+77
(B) STA 214+77 TO 217+77
(C) STA 217+77 TO 218+98



TANGENT SECTION
STA 223+90 TO 226+93

- LEGEND**
- ① EXISTING P.C.C. BASE COURSE, 9"-7"-9"
 - ② EXISTING BITUMINOUS PAVEMENT:
STA. 155+96 TO 161+60 - 3"
STA. 161+60 TO 174+50 - 5"
STA. 174+50 TO 176+50 = 2-1/4" & 14"*
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STA. 201+50 TO 208+61.60 = 2-1/4" & 14"*
STA. 209+06 TO 226+93 - 4 1/4 "
 - ③ EXISTING CURB & GUTTER:
STA. 155+96 TO 168+00 - B6.24
STA. 168+00 TO 173+60 - B6.12
STA. 174+50 TO 186+77.59 - B6.24
STA. 188+50.48 TO 191+87.38 - B6.24
STA. 197+80 TO 201+50 - B6.24
STA. 201+50 TO 205+11.40 - B6.24 SP
STA. 205+11.40 TO 208+61.60 - B6.24
STA. 208+61.60 TO 222+29 - B6.12
STA. 234+55 TO 257+87 - B6.24
STA. 257+87 TO 268+22 - B6.12
STA. 268+22 TO 270+03 - B6.24
STA. 302+97 TO 317+70 - B6.24
 - ④ EXISTING SIDEWALK
 - ⑤ EXISTING RETAINING WALL
 - ⑥ EXISTING BITUMINOUS FILLED BRICK PAVEMENT
 - ⑦ EXISTING P.C.C. BASE COURSE WIDENING, 10"
 - ⑧ EXISTING CONCRETE CURB, TYPE B
 - ⑨ EXISTING P.C.C. BASE COURSE WIDENING, 11"
 - ⑩ EXISTING LIME MODIFIED SOIL, 12"
 - ⑪ EXISTING P.C.C. BASE COURSE WIDENING, 9"
 - ⑫ EXISTING CONCRETE CURB & GUTTER, TYPE 10 (MODIFIED)
 - ⑬ EXISTING CONCRETE MEDIAN SURFACE
 - ⑭ EXISTING CONCRETE MEDIAN TYPE C-4 (MODIFIED)
 - ⑮ EXISTING CONCRETE CURB & GUTTER, TYPE 9 (MODIFIED)
 - ⑯ EXISTING BRIDGE APPROACH PAVEMENT
 - ⑰ EXISTING STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - ⑱ EXISTING AGGREGATE OR SOD
 - ⑲ EXISTING RETAINING WALL
 - ⑳ EXISTING SUB-BASE GRANULAR MATERIAL TYPE A, 6"

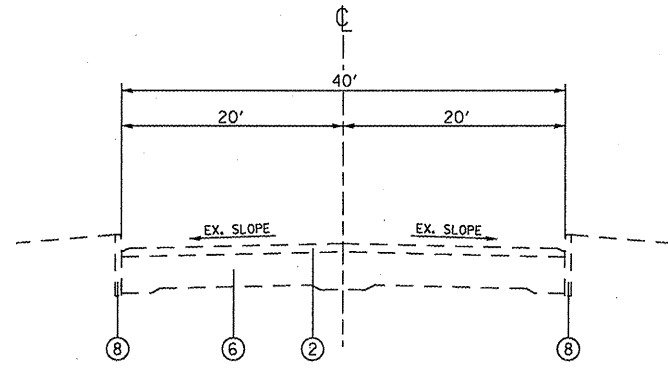
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

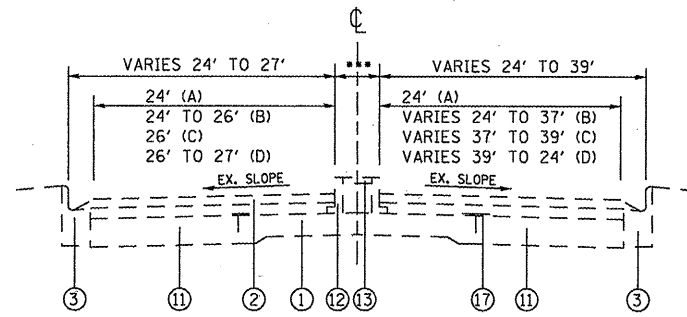
EXISTING TYPICAL SECTIONS

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

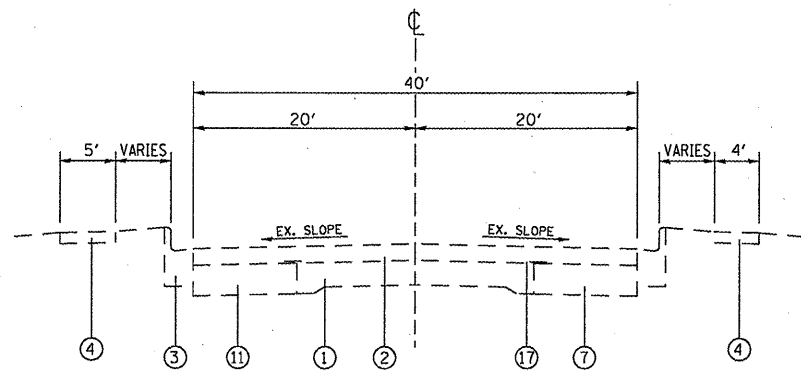
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	(61-63)RS-3	MADISON	40	5
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B71	



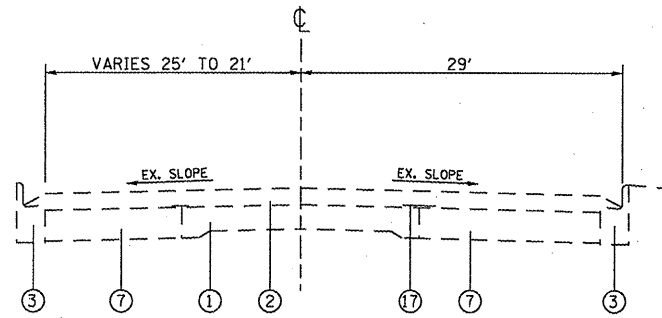
TANGENT SECTION
STA. 226+93 TO STA. 234+55



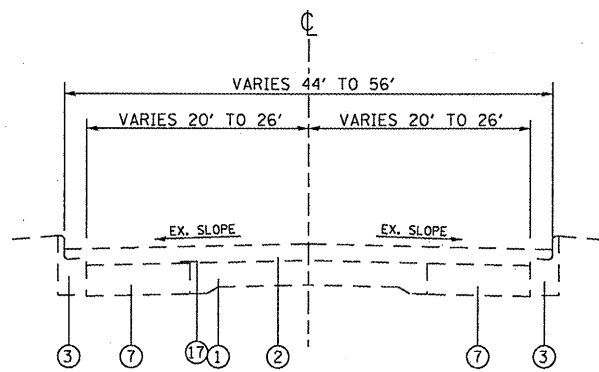
TANGENT SECTION
STA. 257+87 TO STA. 259+68 (A)
STA. 259+68 TO STA. 260+80 (B)
STA. 260+80 TO STA. 264+02 (C)
STA. 264+02 TO STA. 268+22 (D)



TANGENT SECTION
STA. 234+55 TO STA. 250+05

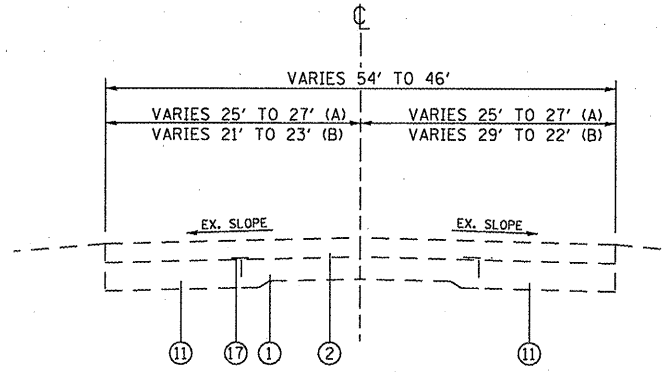


TANGENT SECTION
STA. 268+22 TO STA. 270+03



EXPOSED CURB & GUTTER
LT STA. 250+05 TO 251+00
RT STA. 250+05 TO 252+30

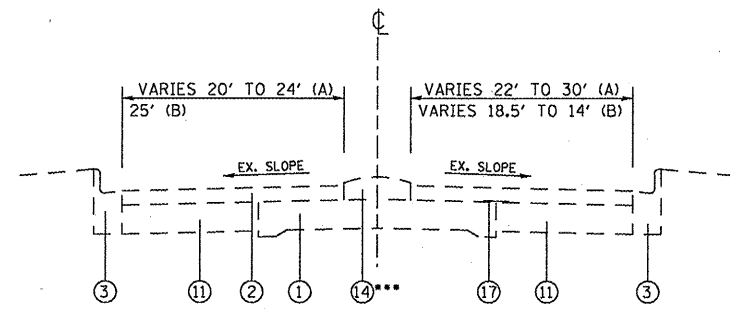
TANGENT SECTION
STA. 250+05 TO STA. 254+25 LT
STA. 250+05 TO STA. 254+64 RT



TANGENT SECTION
STA. 254+25 TO STA. 257+87 LT (A)
STA. 254+64 TO STA. 257+87 RT (A)
STA. 270+03 TO STA. 302+97 LT (B)
STA. 270+03 TO STA. 303+66 RT (B)

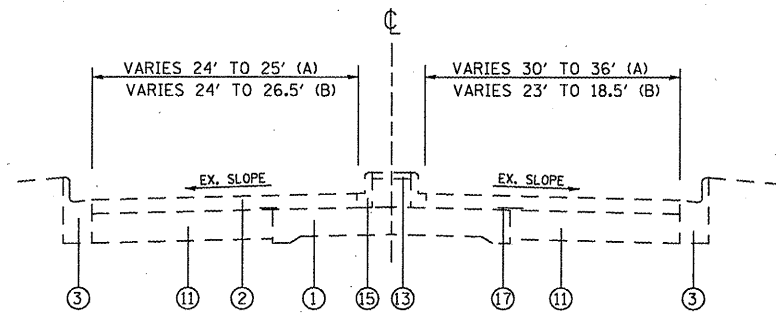
- LEGEND**
- ① EXISTING P.C.C. BASE COURSE, 9"-7"-9"
 - ② EXISTING BITUMINOUS PAVEMENT:
STA. 155+96 TO 161+60 - 3"
STA. 161+60 TO 174+50 - 5"
STA. 174+50 TO 176+50 = 2-1/4" & 14"
STA. 176+50 TO 191+87.38 = 14"
STA. 197+80 TO 201+50 = 14"
STA. 201+50 TO 208+61.60 = 2-1/4" & 14"
STA. 209+06 TO 226+93 - 4 1/4 "
STA. 226+93 TO 234+55 - 3"
STA. 234+55 TO 270+03 - 6"
STA. 270+03 TO 280+13 - 6 3/4"
STA. 280+13 TO 317+72 - 5 3/4"
 - ③ EXISTING CURB & GUTTER:
STA. 155+96 TO 168+00 - B6.24
STA. 168+00 TO 173+60 - B6.12
STA. 174+50 TO 186+77.59 - B6.24
STA. 188+50.48 TO 191+87.38 - B6.24
STA. 197+80 TO 201+50 - B6.24
STA. 201+50 TO 205+11.40 - B6.24 SP
STA. 205+11.40 TO 208+61.60 - B6.24
STA. 208+61.60 TO 222+29 - B6.12
STA. 234+55 TO 257+87 - B6.24
STA. 257+87 TO 268+22 - B6.12
STA. 268+22 TO 270+03 - B6.24
STA. 302+97 TO 317+70 - B6.24
 - ④ EXISTING SIDEWALK
 - ⑤ EXISTING RETAINING WALL
 - ⑥ EXISTING BITUMINOUS FILLED BRICK PAVEMENT
 - ⑦ EXISTING P.C.C. BASE COURSE WIDENING, 10"
 - ⑧ EXISTING CONCRETE CURB, TYPE B
 - ⑨ EXISTING P.C.C. BASE COURSE WIDENING, 11"
 - ⑩ EXISTING LIME MODIFIED SOIL, 12"
 - ⑪ EXISTING P.C.C. BASE COURSE WIDENING, 9"
 - ⑫ EXISTING CONCRETE CURB & GUTTER, TYPE 10 (MODIFIED)
 - ⑬ EXISTING CONCRETE MEDIAN SURFACE
 - ⑭ EXISTING CONCRETE MEDIAN TYPE C-4 (MODIFIED)
 - ⑮ EXISTING CONCRETE CURB & GUTTER, TYPE 9 (MODIFIED)
 - ⑯ EXISTING BRIDGE APPROACH PAVEMENT
 - ⑰ EXISTING STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - ⑱ EXISTING AGGREGATE OR SOD
 - ⑲ EXISTING RETAINING WALL
 - ⑳ EXISTING SUB-BASE GRANULAR MATERIAL TYPE A, 6"

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - ----	REVISED - ----	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = #SCALE#	DRAWN - ----	REVISED - ----		SCALE: _____	SHEET NO. ____ OF ____ SHEETS	STA. _____ TO STA. _____	594	(61-63)RS-3	MADISON	40	6
	PLOT DATE = #DATE#	CHECKED - ----	REVISED - ----					FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT CONTRACT NO. 76B71				

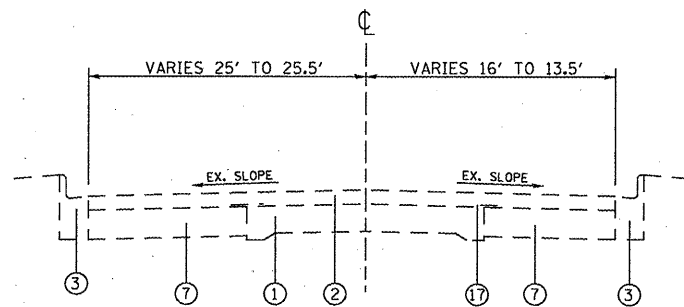


TANGENT SECTION
 STA. 302+97 TO STA. 306+26 LT (A)
 STA. 303+66 TO STA. 306+26 RT (A)

*** CONCRETE MEDIAN SURFACE BEGINS AT STA. 305+62 AND RUNS ADJACENT TO THE CORRUGATED MEDIAN TO STA. 306+26



TANGENT SECTION
 STA. 306+26 TO STA. 312+96 (A)
 STA. 312+96 TO STA. 315+82 (B)



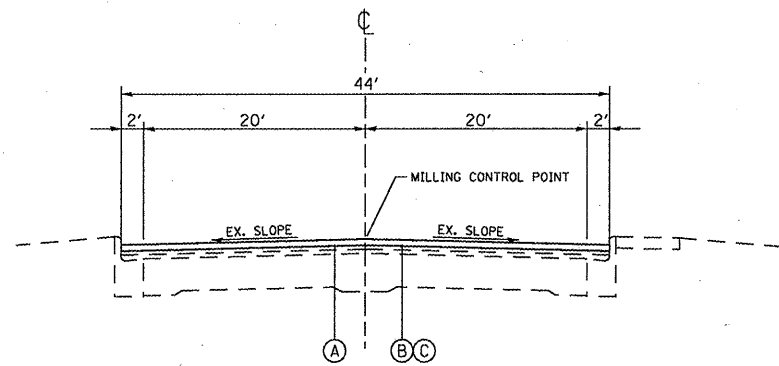
TANGENT SECTION
 STA. 315+82 TO STA. 317+72

- LEGEND**
- ① EXISTING P.C.C. BASE COURSE, 9"-7"-9"
 - ② EXISTING BITUMINOUS PAVEMENT:
 STA. 155+96 TO 161+60 - 3"
 STA. 161+60 TO 174+50 - 5"
 STA. 174+50 TO 176+50 = 2-1/4" & 14"*
 STA. 176+50 TO 191+87.38 = 14"
 STA. 197+80 TO 201+50 = 14"
 STA. 201+50 TO 208+61.60 = 2-1/4" & 14"*
 STA. 209+06 TO 226+93 - 4 1/4 "
 STA. 226+93 TO 234+55 - 3"
 STA. 234+55 TO 270+03 - 6"
 STA. 270+03 TO 280+13 - 6 3/4"
 STA. 280+13 TO 317+72 - 5 3/4"
 - ③ EXISTING CURB & GUTTER:
 STA. 155+96 TO 168+00 - B6.24
 STA. 168+00 TO 173+60 - B6.12
 STA. 174+50 TO 186+77.59 - B6.24
 STA. 188+50.48 TO 191+87.38 - B6.24
 STA. 197+80 TO 201+50 - B6.24
 STA. 201+50 TO 205+11.40 - B6.24 SP
 STA. 205+11.40 TO 208+61.60 - B6.24
 STA. 208+61.60 TO 222+29 - B6.12
 STA. 234+55 TO 257+87 - B6.24
 STA. 257+87 TO 268+22 - B6.12
 STA. 268+22 TO 270+03 - B6.24
 STA. 302+97 TO 317+70 - B6.24
 - ④ EXISTING SIDEWALK
 - ⑤ EXISTING RETAINING WALL
 - ⑥ EXISTING BITUMINOUS FILLED BRICK PAVEMENT
 - ⑦ EXISTING P.C.C. BASE COURSE WIDENING, 10"
 - ⑧ EXISTING CONCRETE CURB, TYPE B
 - ⑨ EXISTING P.C.C. BASE COURSE WIDENING, 11"
 - ⑩ EXISTING LIME MODIFIED SOIL, 12"
 - ⑪ EXISTING P.C.C. BASE COURSE WIDENING, 9"
 - ⑫ EXISTING CONCRETE CURB & GUTTER, TYPE 10 (MODIFIED)
 - ⑬ EXISTING CONCRETE MEDIAN SURFACE
 - ⑭ EXISTING CONCRETE MEDIAN TYPE C-4 (MODIFIED)
 - ⑮ EXISTING CONCRETE CURB & GUTTER, TYPE 9 (MODIFIED)
 - ⑯ EXISTING BRIDGE APPROACH PAVEMENT
 - ⑰ EXISTING STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - ⑱ EXISTING AGGREGATE OR SOD
 - ⑲ EXISTING RETAINING WALL
 - ⑳ EXISTING SUB-BASE GRANULAR MATERIAL TYPE A, 6"

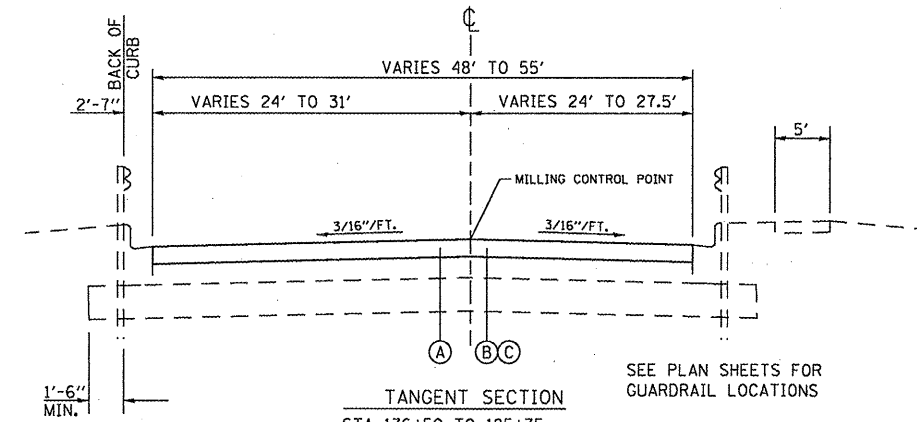
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: -----	SHEET NO. 4 OF 4 SHEETS	594	61-63RS-3	MADISON	40	7
STA. ----- TO STA. -----		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT CONTRACT NO. 76B71				

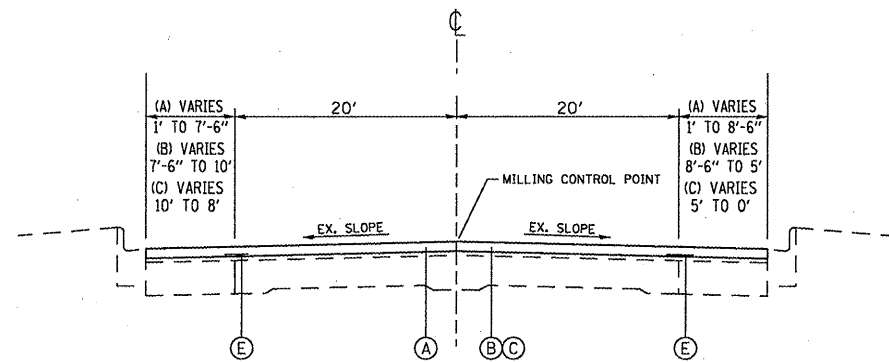


TANGENT SECTION
STA. 155+96 TO STA. 168+50

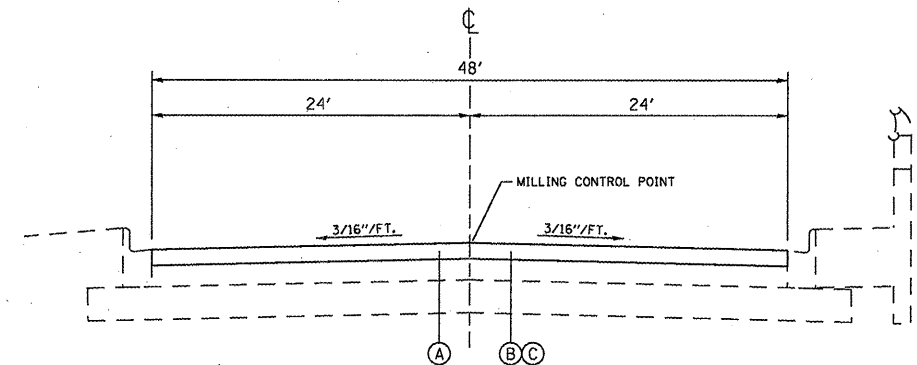


SEE PLAN SHEETS FOR
GUARDRAIL LOCATIONS

TANGENT SECTION
STA 176+50 TO 185+75
STA 191+87.38 TO 197+80



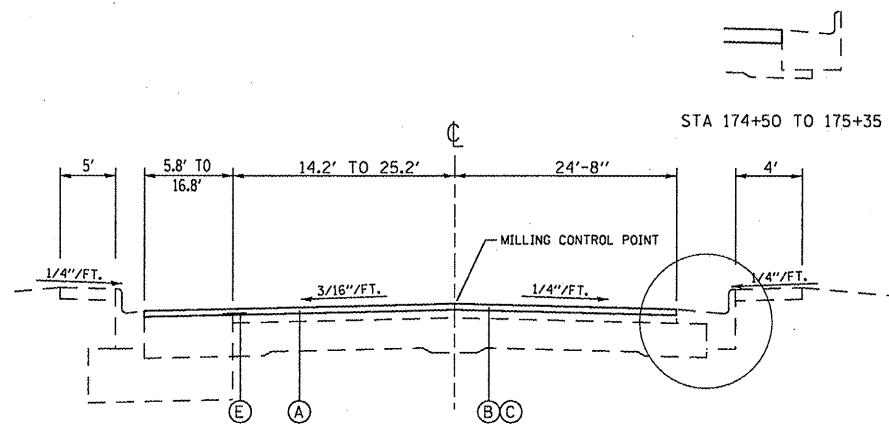
TANGENT SECTION
(A) STA 168+50 TO 173+17
(B) STA 173+17 TO 174+25
(C) STA 174+25 TO 174+50



•CCC&G TYPE B6.24 FROM STA. 185+75 TO 186+56.89
PARAPET WALL FROM STA. 186+56.48 TO 187+12.70

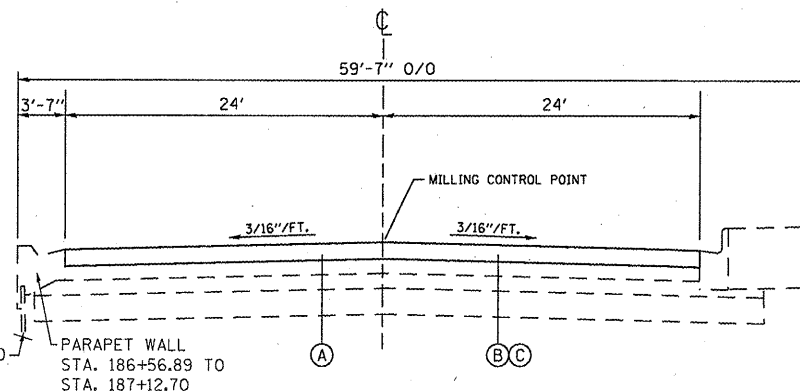
TANGENT SECTION
STA 185+75 TO 186+77.59
STA 188+50.48 TO 191+87.38

- LEGEND**
- (A) PROPOSED HMA SURFACE REMOVAL, 2 1/4"
 - (B) PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "D", N90, 1 1/2"
 - (C) PROPOSED LEVELING BINDER (MACHINE METHOD), N90, 3/4"
 - (D) PROPOSED AGGREGATE SHOULDER, TYPE B, 2"
 - (E) PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - (F) PROPOSED HMA SHOULDERS, 8"



TANGENT SECTION
STA 174+50 TO 176+50
STA 201+50 TO 205+11.40

INTERNALLY REINFORCED
EARTH RETAINING WALL



PARAPET WALL
STA. 186+56.89 TO
STA. 187+12.70

TANGENT SECTION
STA 186+77.59 TO 187+27.57
BRIDGE OMISSION
STA 188+14.49 TO 188+50.48

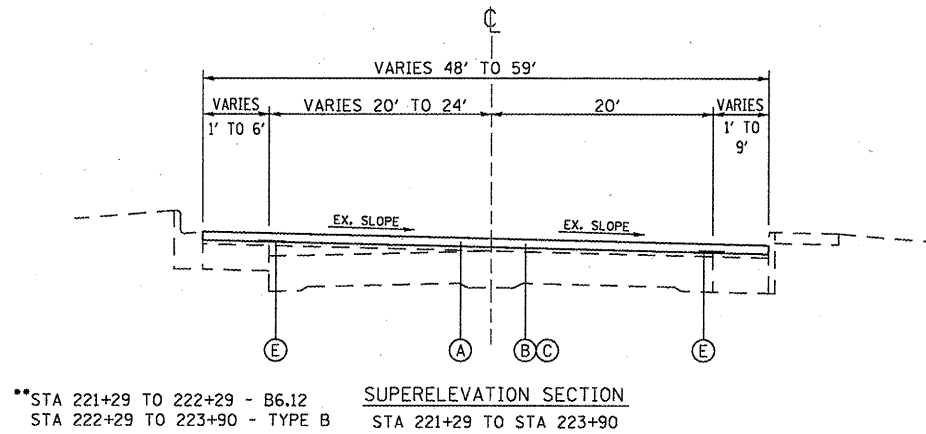
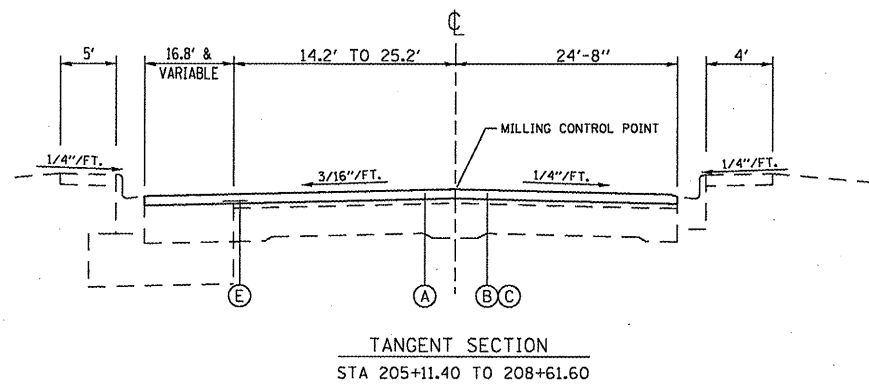
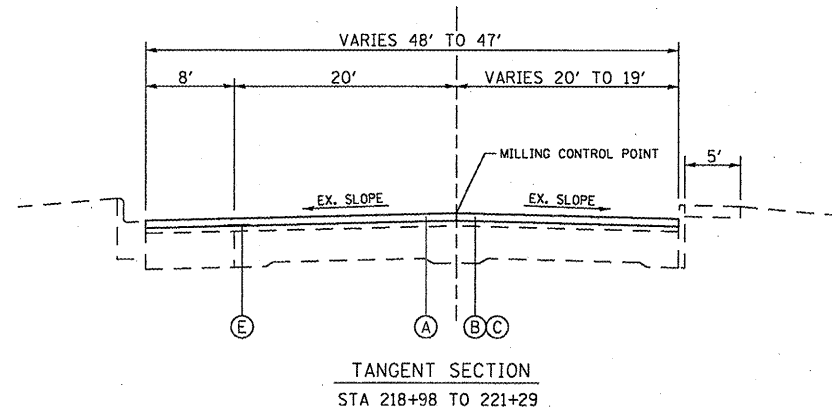
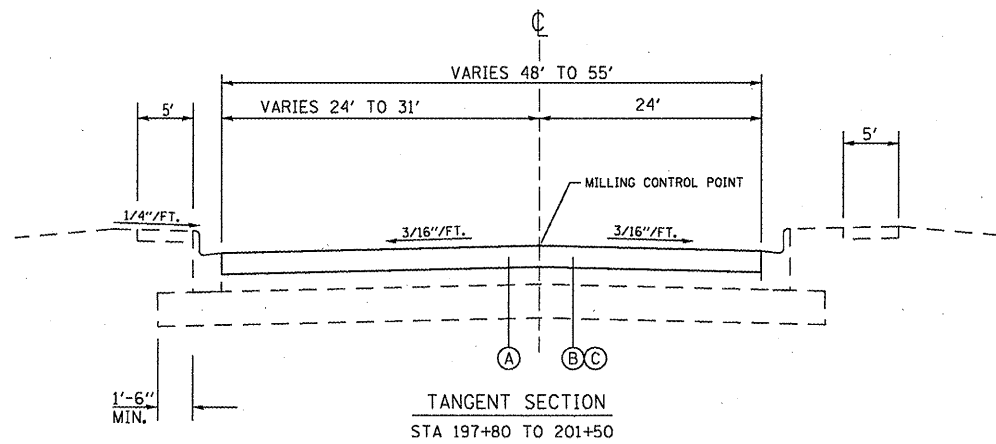
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

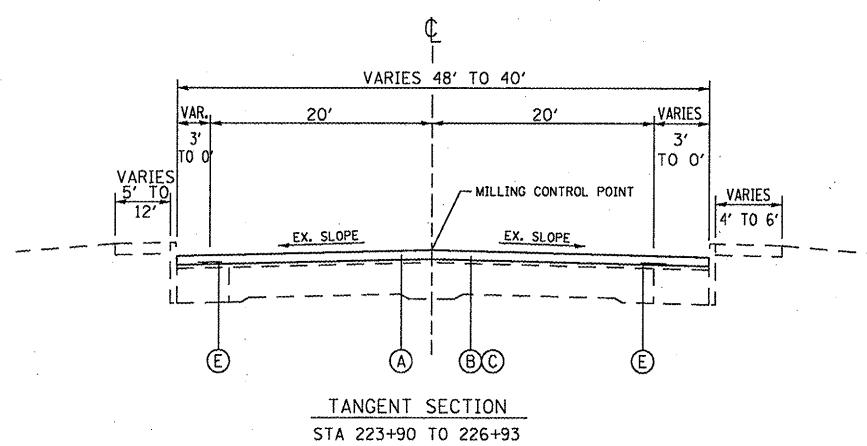
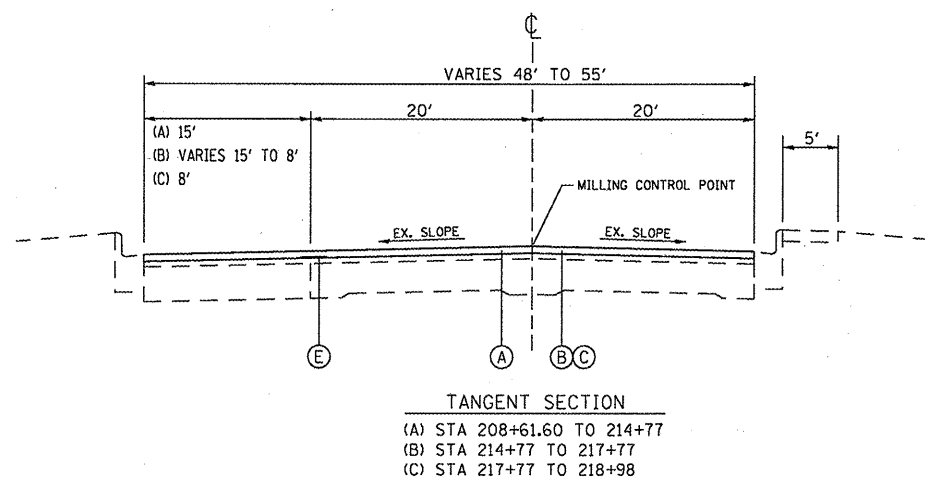
PROPOSED TYPICAL SECTIONS

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	(61-63)RS-3	MADISON	40	8
CONTRACT NO. 76B71				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



- LEGEND**
- (A) PROPOSED HMA SURFACE REMOVAL, 2 1/4"
 - (B) PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "D", N90, 1 1/2"
 - (C) PROPOSED LEVELING BINDER (MACHINE METHOD), N90, 3/4"
 - (D) PROPOSED AGGREGATE SHOULDER, TYPE B, 2"
 - (E) PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - (F) PROPOSED HMA SHOULDERS, 8"



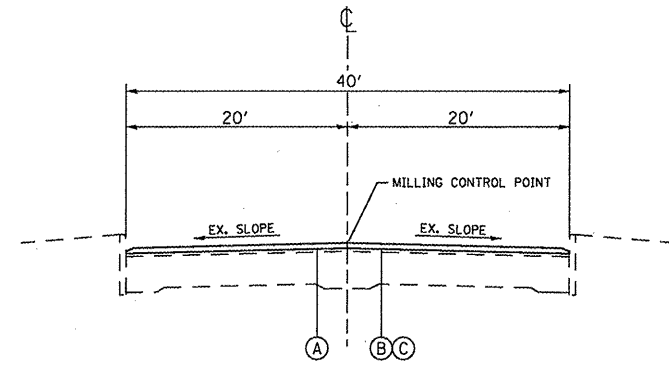
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

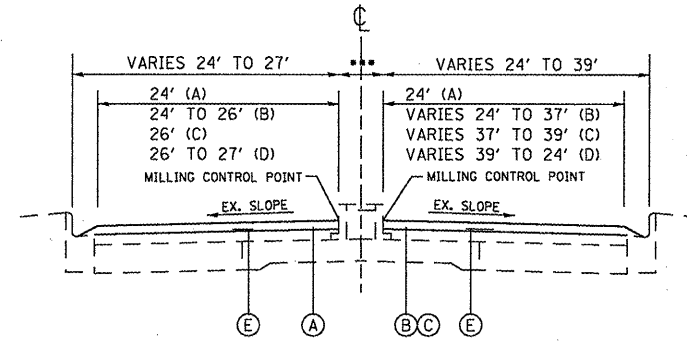
PROPOSED TYPICAL SECTIONS

SCALE: _____ SHEET NO. 2 OF 4 SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	(61-63)RS-3	MADISON	40	9
CONTRACT NO. 76B71				
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				

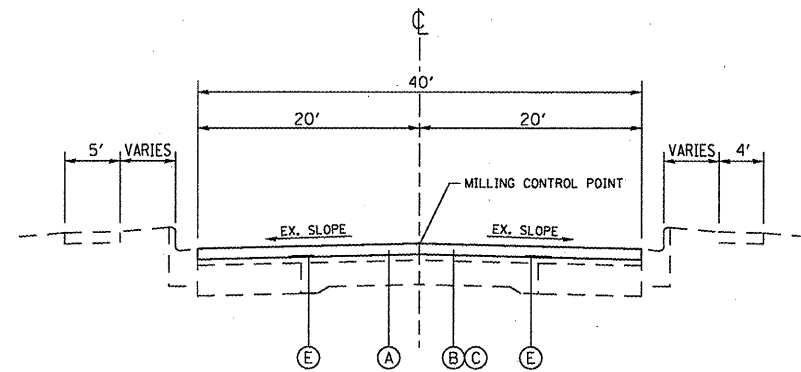


TANGENT SECTION
STA. 226+93 TO STA. 234+55

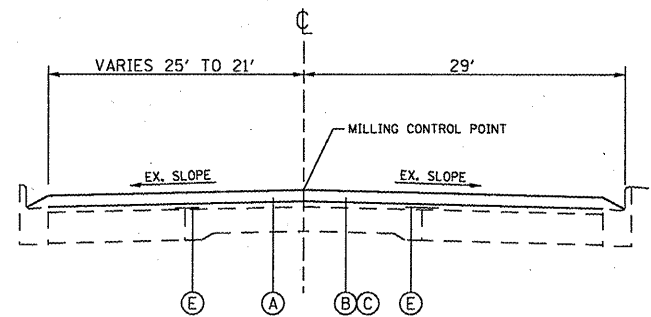


TANGENT SECTION
STA. 257+87 TO STA. 259+68 (A)
STA. 259+68 TO STA. 260+80 (B)
STA. 260+80 TO STA. 264+02 (C)
STA. 264+02 TO STA. 268+22 (D)

*** 7' (A)
VARIES 7' TO 3' (B)
3' (C)
VARIES 3' TO 18' (D)

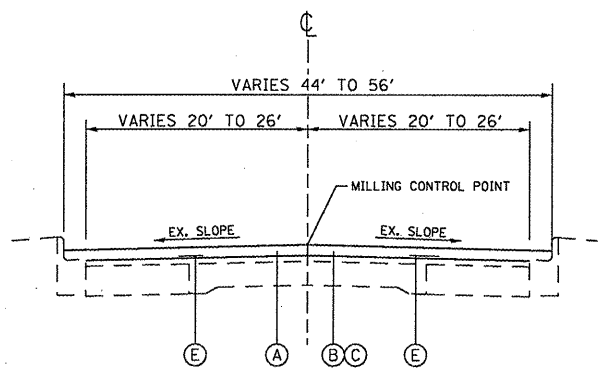


TANGENT SECTION
STA. 234+55 TO STA. 250+05



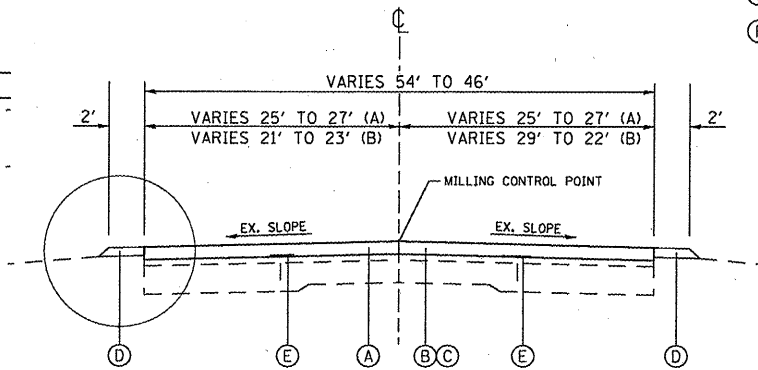
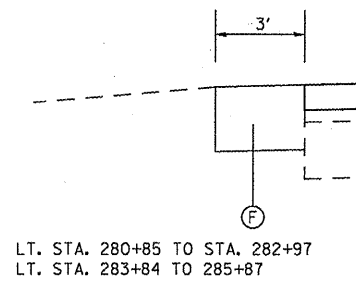
TANGENT SECTION
STA. 268+22 TO STA. 270+03

- LEGEND
- (A) PROPOSED HMA SURFACE REMOVAL, 2 1/4"
 - (B) PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "D", N90, 1 1/2"
 - (C) PROPOSED LEVELING BINDER (MACHINE METHOD), N90, 3/4"
 - (D) PROPOSED AGGREGATE SHOULDER, TYPE B, 2"
 - (E) PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
 - (F) PROPOSED HMA SHOULDERS, 8"



TANGENT SECTION
STA. 250+05 TO STA. 254+25 LT
STA. 250+05 TO STA. 254+64 RT

EXPOSED CURB & GUTTER
LT STA. 250+05 TO 251+00
RT STA. 250+05 TO 252+30



TANGENT SECTION
STA. 254+25 TO STA. 257+87 LT (A)
STA. 254+64 TO STA. 257+87 RT (A)
STA. 270+03 TO STA. 302+97 LT (B)
STA. 270+03 TO STA. 303+66 RT (B)

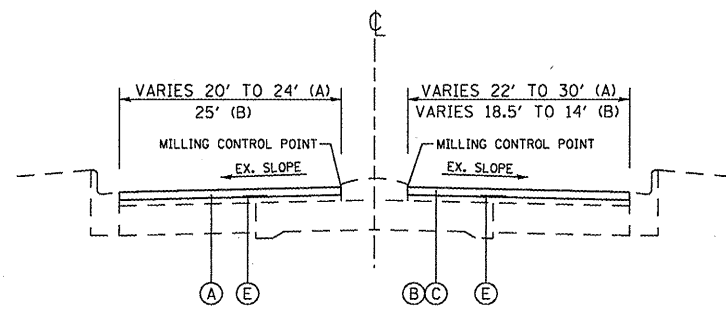
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

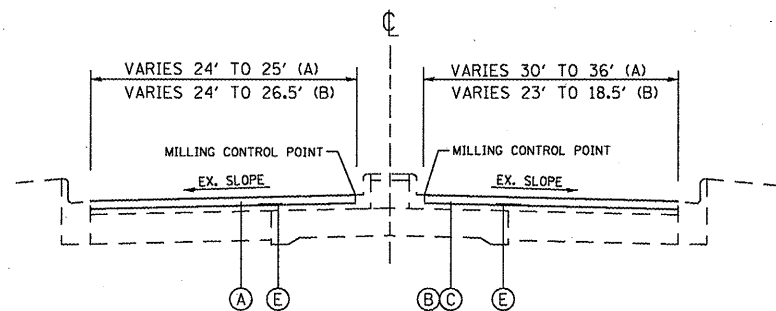
SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 76B71	

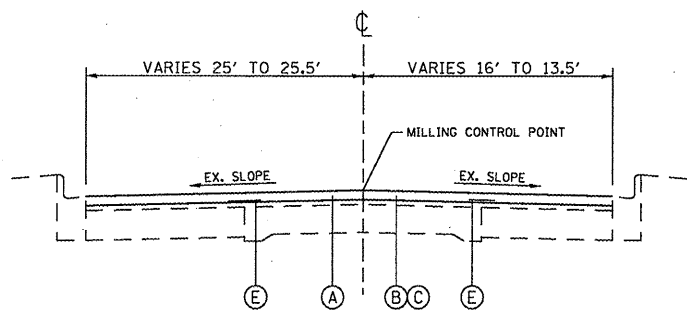


TANGENT SECTION
 STA. 302+97 TO STA. 306+26 LT (A)
 STA. 303+66 TO STA. 306+26 RT (A)

*** CONCRETE MEDIAN SURFACE BEGINS AT STA. 305+62 AND RUNS ADJACENT TO THE CORRUGATED MEDIAN TO STA. 306+26



TANGENT SECTION
 STA. 306+15 TO STA. 312+96 (A)
 STA. 312+96 TO STA. 315+82 (B)



TANGENT SECTION
 STA. 315+82 TO STA. 317+72

LEGEND

- (A) PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- (B) PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "D", N90, 1 1/2"
- (C) PROPOSED LEVELING BINDER (MACHINE METHOD), N90, 3/4"
- (D) PROPOSED AGGREGATE SHOULDER, TYPE B, 2"
- (E) PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- (F) PROPOSED HMA SHOULDERS, 8"

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	(61-63)RS-3	MADISON	40	11
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B71	
SCALE: _____	SHEET NO. 4 OF 4 SHEETS	STA. _____ TO STA. _____		

	CCC&G REM & REP	CURB REM & REP	MEDIAN REMOVAL	CONCRETE MEDIAN SURF 4"
LOCATION	FOOT	FOOT	SQ YD	SQ FT
RT STA 156+11 - 156+17	6			
RT STA 156+23 - 156+29	6			
RT STA 156+73 - 156+76	3			
RT STA 156+84 - 156+92	8			
RT STA 157+68 - 157+74	6			
RT STA 159+07 - 159+12	5			
RT STA 159+36 - 159+56	20			
RT STA 165+04 - 165+07	3			
RT STA 167+10 - 167+17	7			
RT STA 167+53 - 167+57	4			
RT STA 167+77 - 167+88	11			
RT STA 170+23 - 170+28	5			
RT STA 230+12 - 230+38		26		
RT SA 230+94 - 231+04		10		
LT STA 231+63 - 231+90		27		
RT STA 234+01 - 234+21		20		
LT STA 261+96 - 262+02 (MEDIAN)		6		
LT STA 267+17 - 267+21 (MEDIAN)		4		
LT STA 267+52 - 267+55 (MEDIAN)		3		
LT STA 267+53 - 267+55 (MEDIAN)		2		
STA 305+63 - 305+75 (MEDIAN RADIUS)	22			
LT STA 307+50 - 307+53 (MEDIAN)	3			
LT STA 308+08 - 308+16 (MEDIAN)	8			
STA 312+97 - 314+37 (MEDIAN RADIUS)	200		233	2097
RT STA 314+77 - 314+82	5			
TOTALS	322	98	233	2097

GUARDRAIL SCHEDULE					
	GUARDRAIL REMOVAL	TBT, TYPE 1 (SP) TANGENT	SPBGR, TYPE A	TERMINAL MARKER, DIRECT APPLIED	GUARDRAIL MARKERS, TYPE A
LOCATION	FOOT	EACH	FOOT	EACH	EACH
LT STA 181+92 - 182+42	50	1		1	1
RT STA 185+02.77 - 185+52.77	50	1		1	1
LT STA 185+20 - 185+57.50	37.5		37.5		1
LT STA 195+49.98 - 195+74.98	25		25		1
LT STA 196+12.48 - 196+62.48	50	1		1	1
LT STA 215+46 - 218+33.50	287.5				
RT STA 310+82.50 - 311+32.50	50	1		1	1
TOTALS	550	4	62.5	4	6

SHORT-TERM PAVEMENT MARKING SCHEDULE								
LOCATION	SHORT-TERM PAVEMENT MARKING (4 LAYERS) *				WORK ZONE PAVEMENT MARKING REMOVAL (TOP LAYER ONLY)			
	CENTERLINES	MEDIANS	TURN LANES	CURVE	CENTERLINES	MEDIANS	TURN LANES	CURVE
	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	SQ FT	SQ FT
RT STA 155+96 - 173+39	640	640	48		53.3	53.3	4	
LT STA 155+96 - 173+39	640	640			53.3	53.3		
RT STA 174+39 - 200+39	944	944	48		78.7	78.7	4	
LT STA 174+39 - 200+39	944	944	48		78.7	78.7	4	
RT STA 201+22 - 211+02	352	336	80		29.3	28	6.7	
LT STA 201+22 - 211+00	352	336	48		29.3	28	4	
RT STA 211+69 - 263+44	1888	1888	112		157.3	157.3	9.3	
LT STA 211+69 - 263+44	1888	1888	48	64	157.3	157.3	4	5.3
RT STA 264+40 - 312+37	1744	1744	160		145.3	145.3	13.3	
LT STA 264+40 - 312+37	1712	1744			142.7	145.3		
RT STA 313+00 - 317+72	80	176			6.7	14.7		
LT STA 313+00 - 317+72	144	176			12	14.7		
SUB-TOTALS	11328	11456	592	64	943.9	954.6	49.3	5.3
TOTALS			23440				1953.1	

*MILLED SURFACE, PRIMED SURFACE, BINDER, SURFACE

FILE NAME =	USER NAME = #USER#	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - ---	REVISED - ---		SCALE: _____	SHEET NO. 1 OF 3 SHEETS	STA. _____	TO STA. _____	594	(61-63)RS-3	MADISON	40	12
	PLOT SCALE = #SCALE#	CHECKED - ---	REVISED - ---						FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				
	PLOT DATE = #DATE#	DATE - ---	REVISED - ---		CONTRACT NO. 76871								

LOCATION	THERMOPLASTIC PAVEMENT MARKING - LINE 4"						THERMO PAV'T MARK - LINE 12"		THERMO PAV'T MARK - LINE 24"		THERMO PAV'T MARK - LETTERS & SYMBOLS		RAISED REFLECTIVE PAVEMENT MARKERS			
	SOLID	SOLID	2' DASH	10' DASH	10' DASH	SOLID	SOLID	SOLID	SOLID	YELLOW TURN ARROWS	YELLOW RAILROAD	REMOVAL	ONE-WAY CRYSTAL	ONE-WAY AMBER	TWO-WAY AMBER	
	WHITE EDGELINE FOOT	YELLOW MEDIAN FOOT	WHITE CURVE FOOT	WHITE CENTERLINE FOOT	YELLOW MEDIAN FOOT	WHITE TURN LANE FOOT	WHITE CROSSWALK FOOT	YELLOW CHEVRONS FOOT	YELLOW STOPBAR FOOT	WHITE STOPBAR FOOT	SO FT	SO FT	EACH	EACH	EACH	EACH
RT STA 155+96 - 173+39	1743			440		110		56.3	33	17.6		48	26			
LT STA 155+96 - 173+39	1743			440				56.3				44	22			
MEDIAN STA 155+96 - 173+39		4194										62		18	19	
RT STA 174+39 - 200+80	2570			650		100	87	49	38	17.6		69	36			
LT STA 174+39 - 200+84	2491			650		110	101	124.4	33	17.6		70	37			
MEDIAN STA 174+39 - 200+84		6480										59		36	27	
RT STA 200+80 - 207+86	627			170		77			11	44		20	6			
LT STA 200+84 - 207+86	575			170		100			39	44		21	11			
MEDIAN STA 200+84 - 207+86		1158			160							24			24	
RT STA 207+86 - 211+36	289			80		100	49		33	17.6		12	9			
LT STA 207+86 - 211+36	292			80			64	93.7				8	5			
MEDIAN STA 207+86 - 211+36		940										14		10	3	
RT STA 211+36 - 214+50	263			70			48					8	4			
LT STA 211+36 - 214+50	254			70		100	64	96	33	17.6		12	8			
MEDIAN STA 211+36 - 217+26		2012										36		22	3	
RT STA 214+50 - 217+66	248			80								8	4			
LT STA 214+50 - 226+61	903		44	300				95.6				30	15			
MEDIAN STA 217+26 - 252+23		6994										88			44	
RT STA 217+66 - 227+52	931			250								32	16			
LT STA 226+61 - 231+40	428			120								12	6			
RT STA 227+52 - 240+11	1199			310								32	16			
LT STA 231+40 - 234+94	286			90								8	4			
LT STA 234+94 - 240+12	451			130								14	7			
RT STA 240+11 - 246+60	579			160								16	8			
LT STA 240+12 - 252+03	1056			300								30	15			
RT STA 246+60 - 264+02	1643			420		275		137.1	44	58	26.4	122.4	42	28		
LT STA 252+03 - 264+22	1043			280				137	44	22		122.4	28	14		
MEDIAN STA 252+23 - 264+02		2256										56		28		
RT STA 264+02 - 312+70	4791			1200		409	90	124		77	26.4	131	71			
LT STA 264+22 - 270+85	520			160						50		16	8			
LT STA 270+85 - 312+70	4025			1010			90			22		102	51			
MEDIAN STA 264+02 - 317+72		10140										88		50	38	
RT STA 312+70 - 317+72	502			50								23	20			
LT STA 312+70 - 317+72	306			100						23		10	5			
SUB-TOTALS	29758	34174	44	7780	160	1381	593	969.4	88	472	228.8	244.8	1273	452	164	158
TOTALS				73297				1562.4		560		473.6			774	

FILE NAME =	USER NAME = #USER#	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - ---	REVISED - ---		SCALE: -----	SHEET NO. 2 OF 3 SHEETS	STA. ----- TO STA. -----	594	(61-63)RS-3	MADISON	40	13
	PLOT SCALE = #SCALE#	CHECKED - ---	REVISED - ---					CONTRACT NO. 76B71				
	PLOT DATE = #DATE#	DATE - -----	REVISED - ---		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT							

LOCATION	SQ FT	SQ YD	SQ YD	TON	TON	TON	TON	FOOT	TON	SQ YD
STA 155+96 - 168+00	52976	5886.2	36.7	3.68	17.6	247.2	494.4			
STA 168+00 - 171+00	14940	1660.0		1.04	5.0	69.7	139.4	500.0		
STA 171+00 - 173+90	16153	1794.8	41.7	1.12	5.4	75.4	150.8	580.0		
STA 173+90 - 174+50	3324	369.3	41.7	0.24	1.2	15.5	31.0	120.0		
STA 174+50 - 177+00	13750	1527.8		0.96	4.6	64.2	128.3	200.0		
STA 177+00 - 180+00	15450	1716.7		1.08	5.2	72.1	144.2			
STA 180+00 - 187+25	34896	3877.3	44.2	2.42	11.6	162.8	325.7			
BRIDGE OMISSION										
STA 188+15 - 196+50	40080	4453.3	44.2	2.78	13.4	187.0	374.1			
STA 196+50 - 199+00	12875	1430.6	41.7	0.90	4.2	60.1	120.2			
STA 199+00 - 205+11.50	33632.5	3736.9	83.4	2.34	11.2	157.0	313.9	361.5		
STA 205+11.50 - 207+0	10480.6	1164.5	40.8	0.72	3.4	48.9	97.8	188.5		
STA 207+00 - 211+50	13792.5	2782.5	141.8	1.74	8.4	116.9	233.7	450.0		
STA 211+50 - 213+00	8250	918.3		0.58	2.8	38.6	77.1	150.0		
STA 213+00 - 219+00	30930	3436.7	179.2	2.16	10.4	144.3	288.7	600.0		
STA 219+00 - 223+00	20860	2317.8	70.8	1.46	7.0	97.3	194.7	571.0		
STA 223+00 - 228+50	26482.5	2942.5	225.0	1.84	8.8	123.7	247.4	786.0		
STA 228+50 - 250+05	86200	9577.8	233.3	6.00	28.8	402.3	804.5	3100.0		
STA 250+05 - 250+50	1867.5	207.5		0.12	0.6	8.7	17.4			
STA 250+50 - 253+50	14850			1.04	5.0	69.3	138.6			
STA 253+50 - 254+56	5786.2	642.9		0.40	2.0	27.0	54.0		0.8	
STA 254+56 - 255+00	1783.7	198.2		0.12	0.6	8.3	16.6		2.0	
STA 255+00 - 257+87	16072	1785.8	96.2	1.12	5.4	75.0	150.0	574.0	13.9	
STA 257+87 - 259+68	8688	965.3		0.60	2.8	40.5	81.1	362.0		
STA 259+68 - 260+80	6216	690.7		0.44	2.0	29.0	58.0	224.0		
STA 260+80 - 263+41.7	16752	1861.1		1.16	5.6	78.2	156.4	523.6		
STA 263+41.75 - 264+41	6969.9	774.4	137.5	0.48	2.4	32.5	65.1	199.0		
STA 264+41.32 - 268+2	11134.9	2474.4		1.54	7.4	103.9	207.9	761.4		
STA 268+22 - 270+03	5249	1086.0		0.68	3.2	45.6	91.2	362.0		
STA 270+03 - 303+66	159742.5	17749.2	75.0	11.10	53.2	745.5	650.9	6726.0	161.2	138.4
STA 303+66 - 306+26	12350	1372.2		0.86	4.2	57.6	115.3	520.0		
STA 306+26 - 312+33	35509.5	3945.5		2.46	11.8	165.7	331.4	1214.0		
STA 312+33 - 312+96	4195.8	466.2	166.7	0.30	1.4	2.8	39.2	126.0		
STA 312+96 - 315+82	15100.8	1677.9		1.06	5.0	70.5	140.9	572.0		
STA 315+82 - 317+12	5362.5	595.8		0.38	1.8	25.0	50.0	260.0		
STA 317+12 - 317+72	2415	268.3	82.5	0.16	0.8	11.3	22.5	120.0		
TOTALS		86354.4	1782.4	55.08	264.2	3679.4	6552.4	20151.0	177.9	138.4

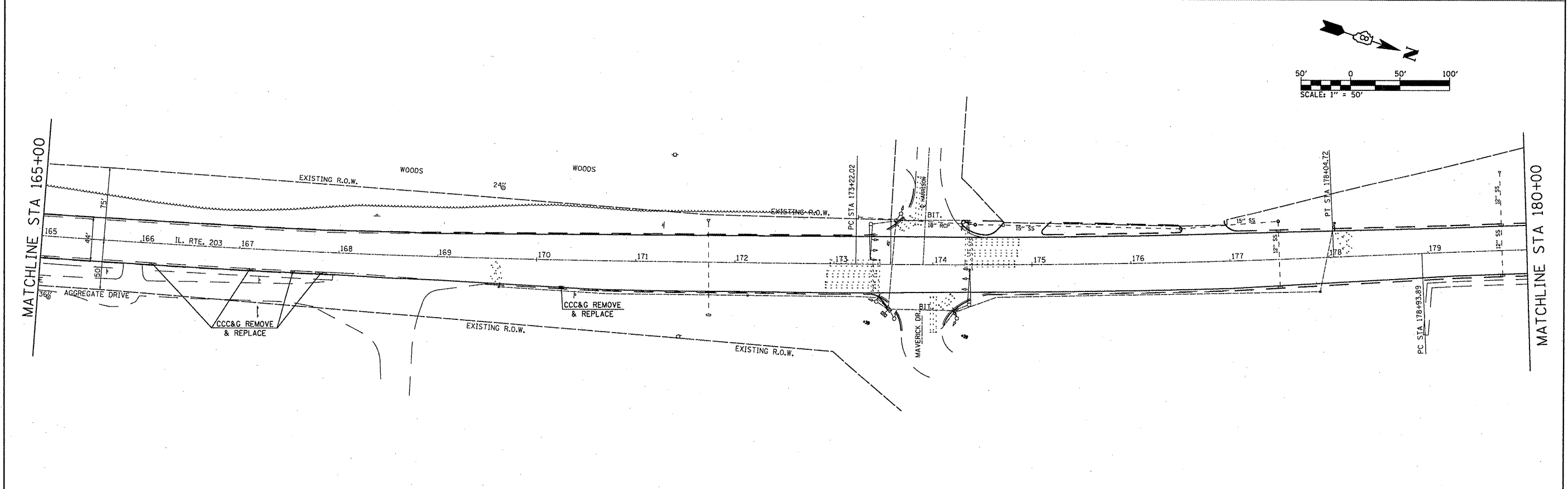
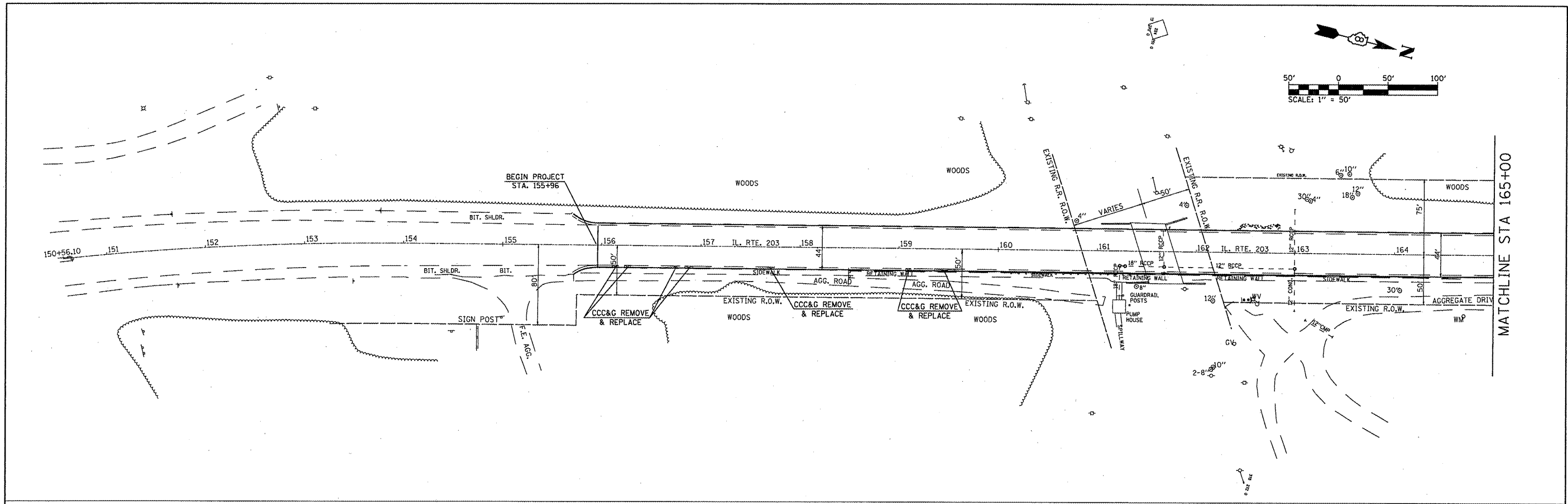
LOCATION	PAVEMENT PATCHING, TYPE I, 16 INCH (# PATCHES)	PAVEMENT PATCHING, TYPE II, 16 INCH (# PATCHES)	PAVEMENT PATCHING, TYPE III, 16 INCH	PAVEMENT PATCHING, TYPE IV, 16 INCH (# PATCHES)
STA 158+00 - 163+00	8.0 (2)	24.5 (2)		
STA 167+00 - 176+00	8.0 (2)			40.0 (1)
STA 196+00 - 201+00		37.7 (3)		
ANTICIPATED FAILURES	4.0	15.0	20.0	25.0
TOTALS	20.0	77.2	20.0	65.0

THE RE SHALL DETERMINE EXACT SIZE AND LOCATION.

MEDIAN CURB STRIPING			
LOCATION	PRISMATIC CURB REFLECTOR	PAINT PAVEMENT MARKING - RAISED MEDIAN	PAINT PAVEMENT MARKING CURB
		EACH	SQ FT
STA 305+63 - 312+36	35	82.5	864
STA 312+97 - 315+81	17	114.4	352
TOTALS	52	196.9	1216

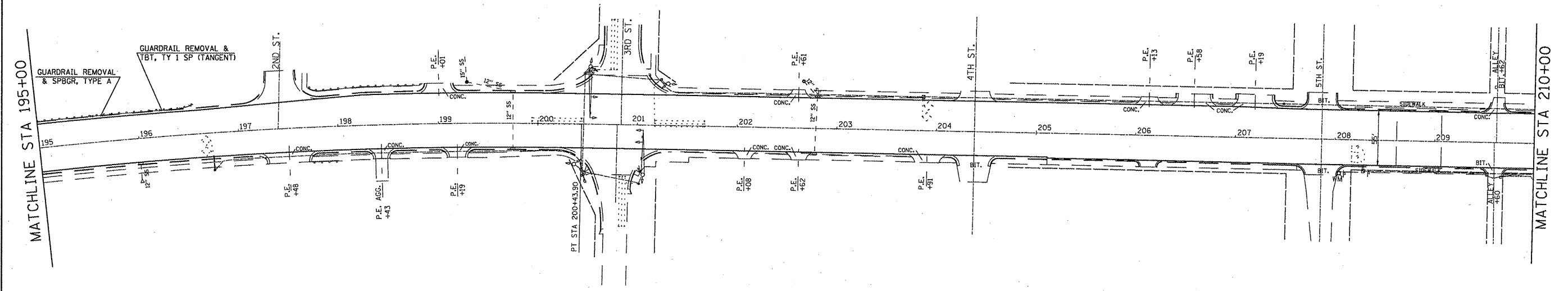
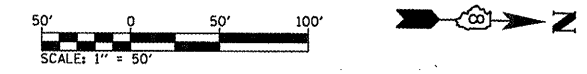
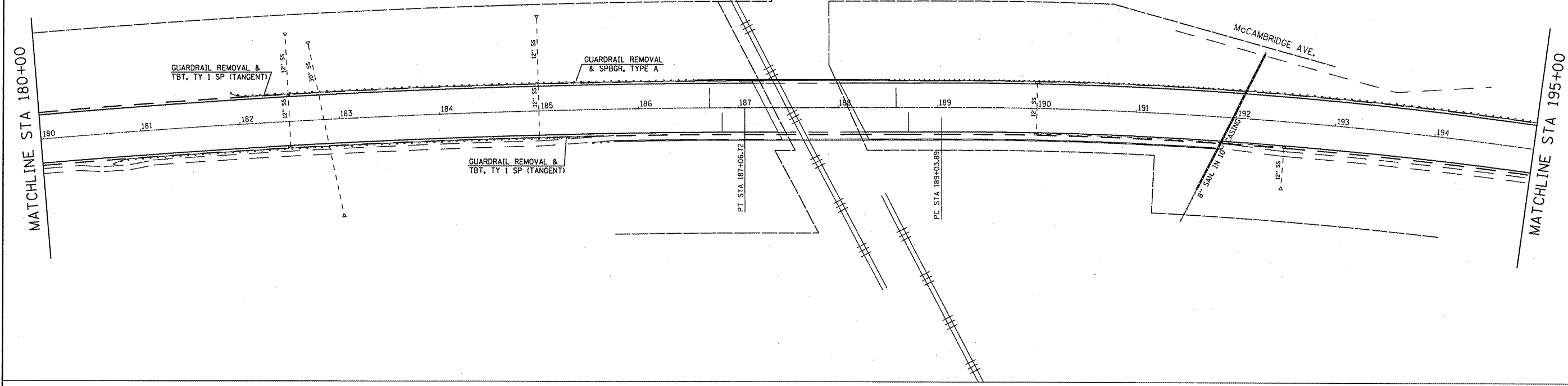
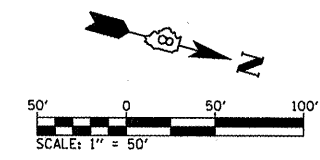
RATES OF APPLICATION:
 AGGREGATE SHOULDERS: 2 TONS/CU YD
 HMA SURFACE & BINDER: 0.056 TONS/SQ YD/INCH
 AGGREGATE (PRIME COAT): 0.0015 TONS/SQ YD
 BITUMINOUS MATERIALS (PRIME COAT): 0.0015646 TONS/SQ YD

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN	REVISED		594	(61-63)RS-3	MADISON	40	14			
	PLOT SCALE = #SCALE#	CHECKED	REVISED		SCALE: _____ SHEET NO. 3 OF 3 SHEETS STA. _____ TO STA. _____			CONTRACT NO. 76B71				
	PLOT DATE = #DATE#	DATE	REVISED		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT							

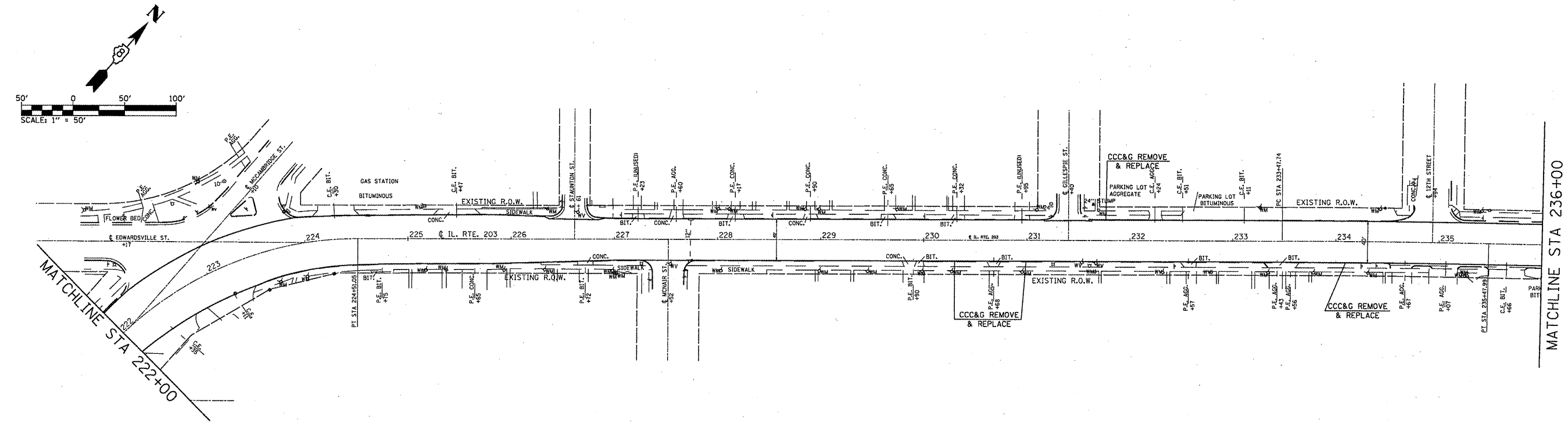
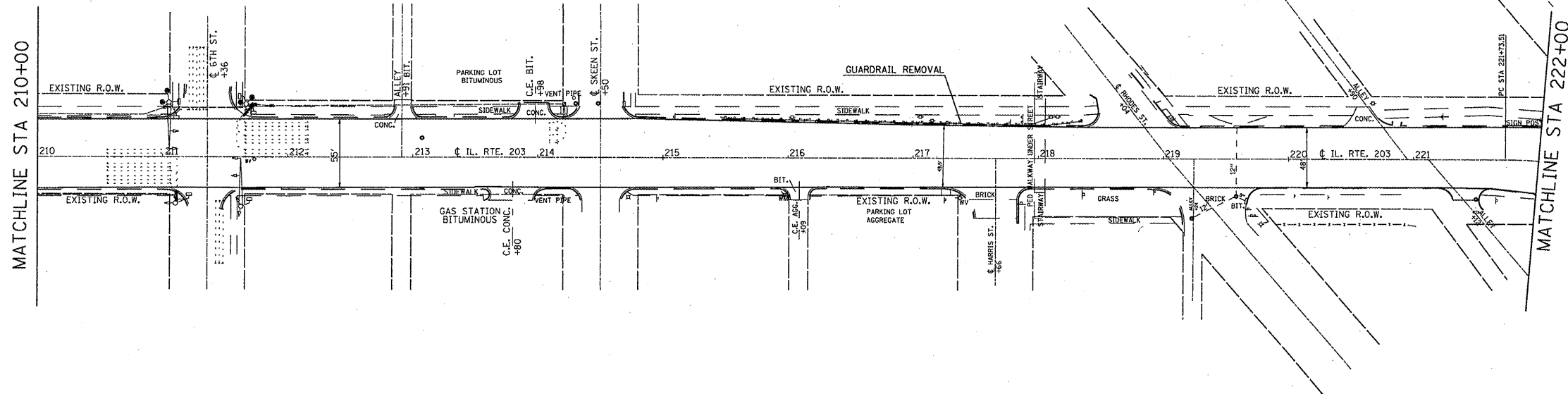
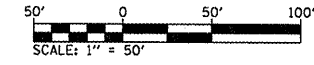


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#FILE#		DRAWN -	REVISED -			594	(61-63)RS-3	MADISON	40	15	
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -			CONTRACT NO. 76B71					
	PLOT DATE = #DATE#	DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

SCALE: 1" = 50' SHEET NO. 1 OF 6 SHEETS STA. 155+96 TO STA. 180+00



FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISD -			594	(61-63)RS-3	MADISON	40	16	
	PLOT SCALE = #SCALE#	CHECKED -	REVISD -			SCALE: 1" = 50'		SHEET NO. 2 OF 6 SHEETS		STA. 180+00 TO STA. 210+00	
	PLOT DATE = #DATE#	DATE -	REVISD -			CONTRACT NO. 76B71					
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT											



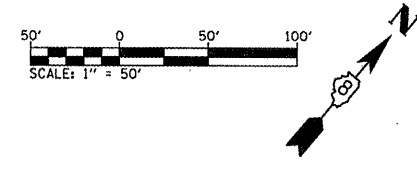
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#FILE#		DRAWN -	REVISED -
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	PLOT DATE = #DATE#	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

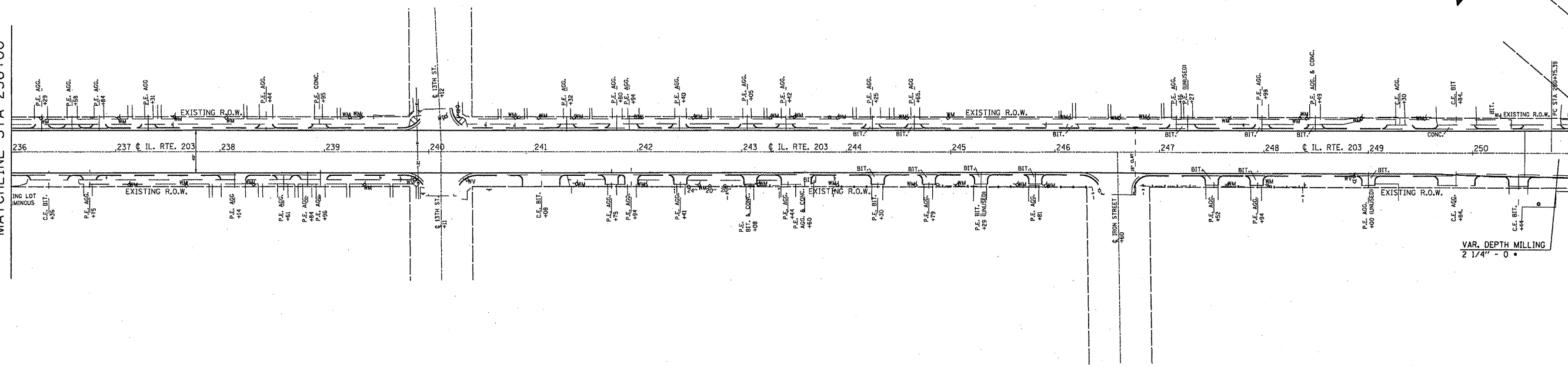
SCALE: 1" = 50' SHEET NO. 3 OF 6 SHEETS STA. 210+00 TO STA. 236+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	(61-6)RS-3	MADISON	40	17
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B71	

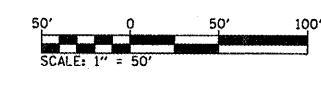


MATCHLINE STA 236+00

MATCHLINE STA 251+00

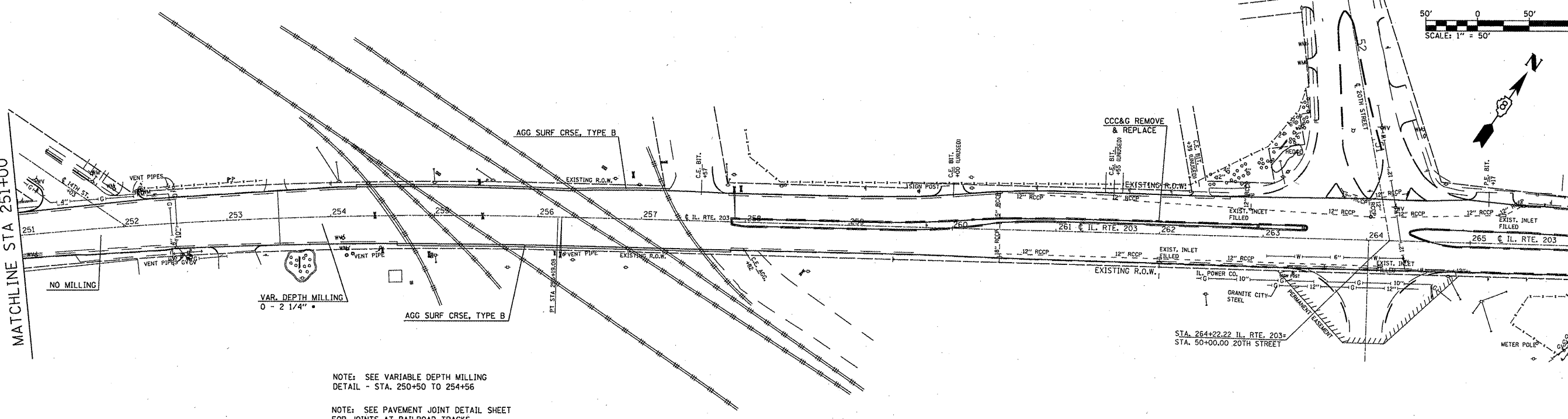


*PAID AS HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"



MATCHLINE STA 251+00

MATCHLINE STA 266+00



NOTE: SEE VARIABLE DEPTH MILLING
DETAIL - STA. 250+50 TO 254+56

NOTE: SEE PAVEMENT JOINT DETAIL SHEET
FOR JOINTS AT RAILROAD TRACKS.

*PAID AS HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"

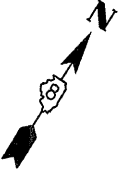
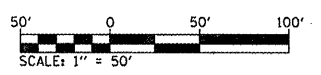
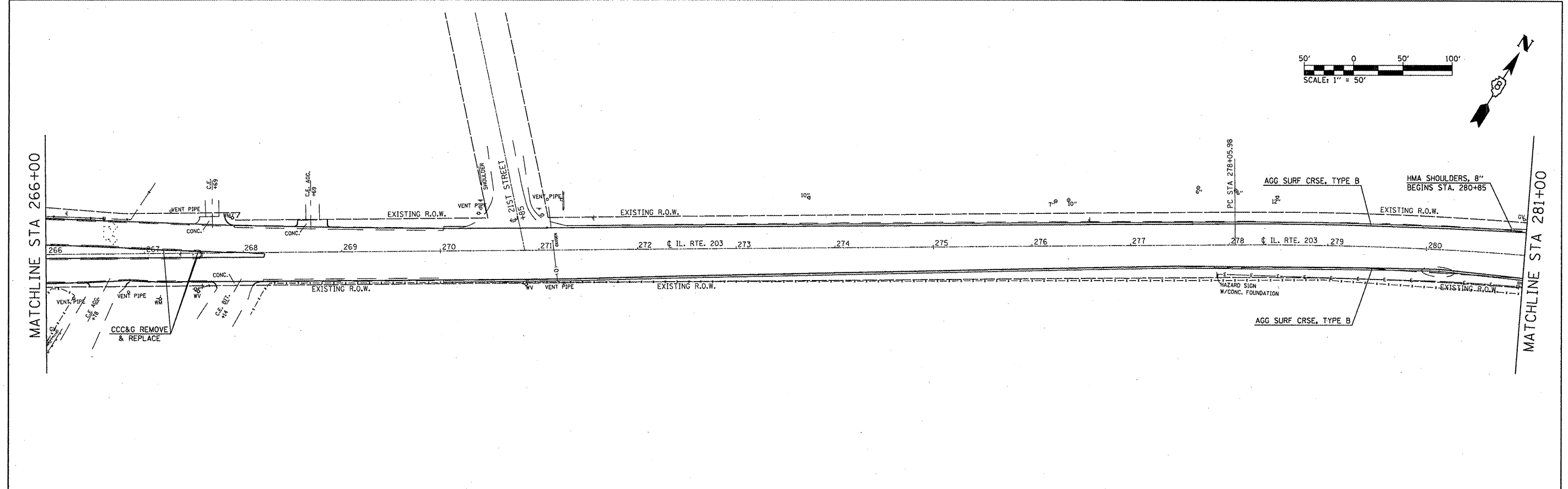
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	PLOT DATE = #DATE#	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

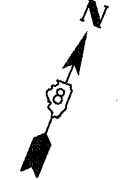
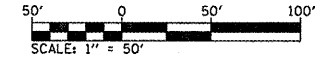
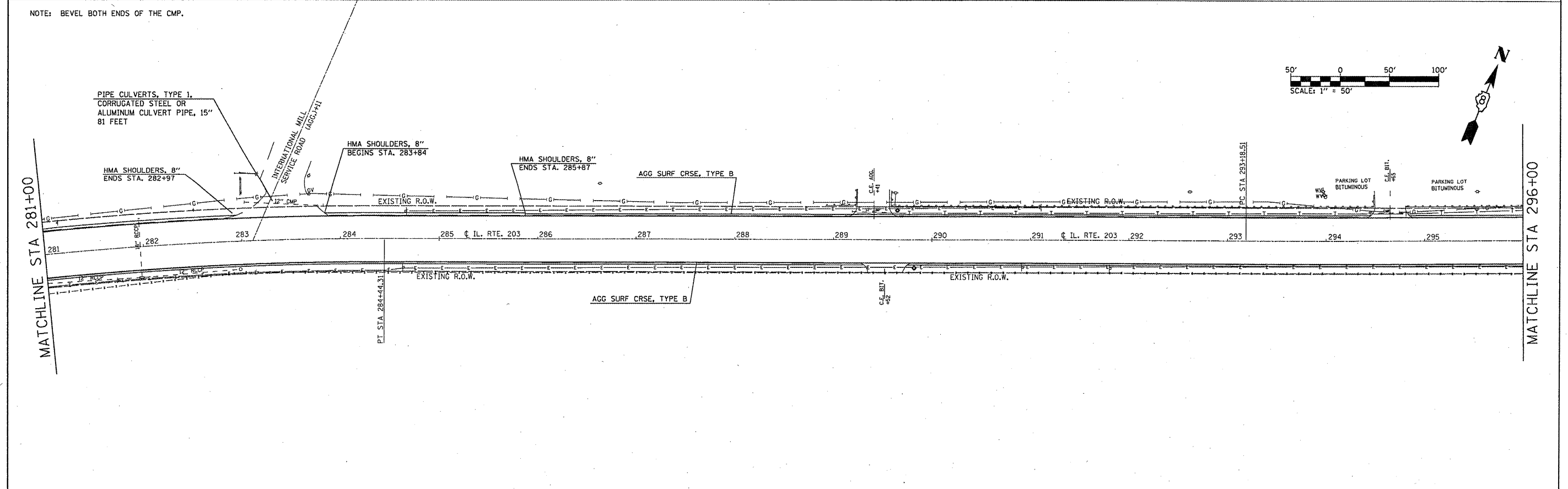
PLAN SHEETS

SCALE: 1" = 50' SHEET NO. 4 OF 6 SHEETS STA. 236+00 TO STA. 266+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	(61-63)RS-3	MADISON	40	18
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 76B71	

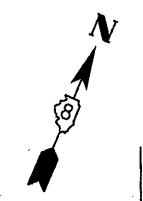
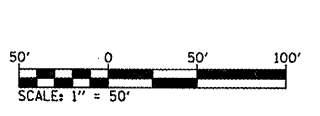
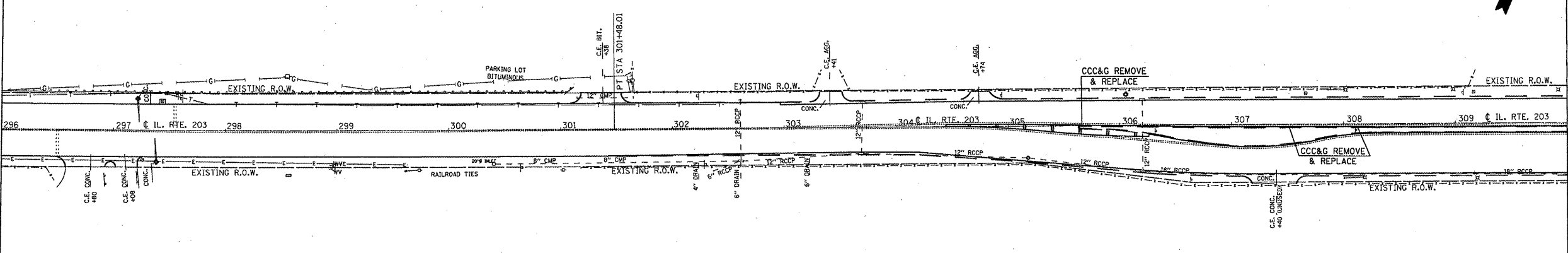


NOTE: BEVEL BOTH ENDS OF THE CMP.



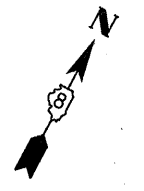
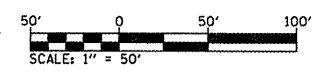
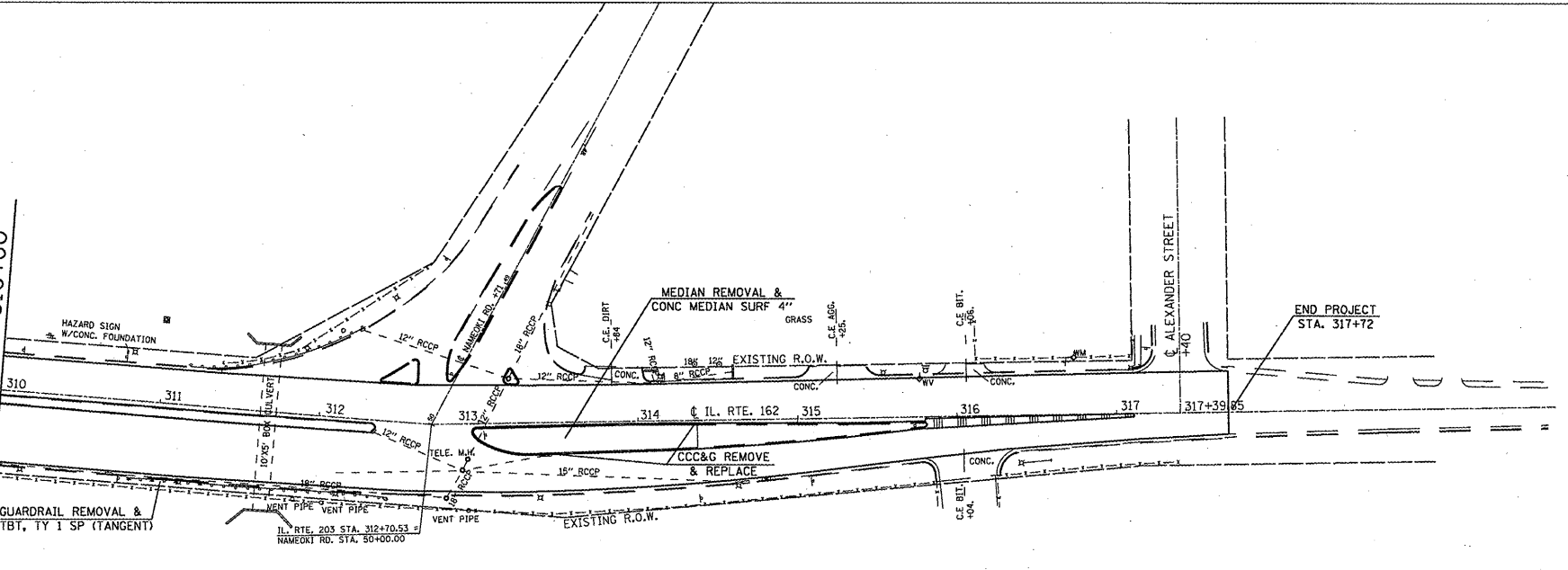
FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET NO. 5 OF 6 SHEETS	STA. 266+00 TO STA. 296+00	594	(61-63)RS-3	MADISON	40	19
	PLOT SCALE = \$SCALE#	CHECKED -	REVISED -					CONTRACT NO. 76B71				
	PLOT DATE = \$DATE#	DATE -	REVISED -					FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

MATCHLINE STA 296+00



MATCHLINE STA 310+00

MATCHLINE STA 310+00



END PROJECT STA. 317+72

FILE NAME =
#FILE#

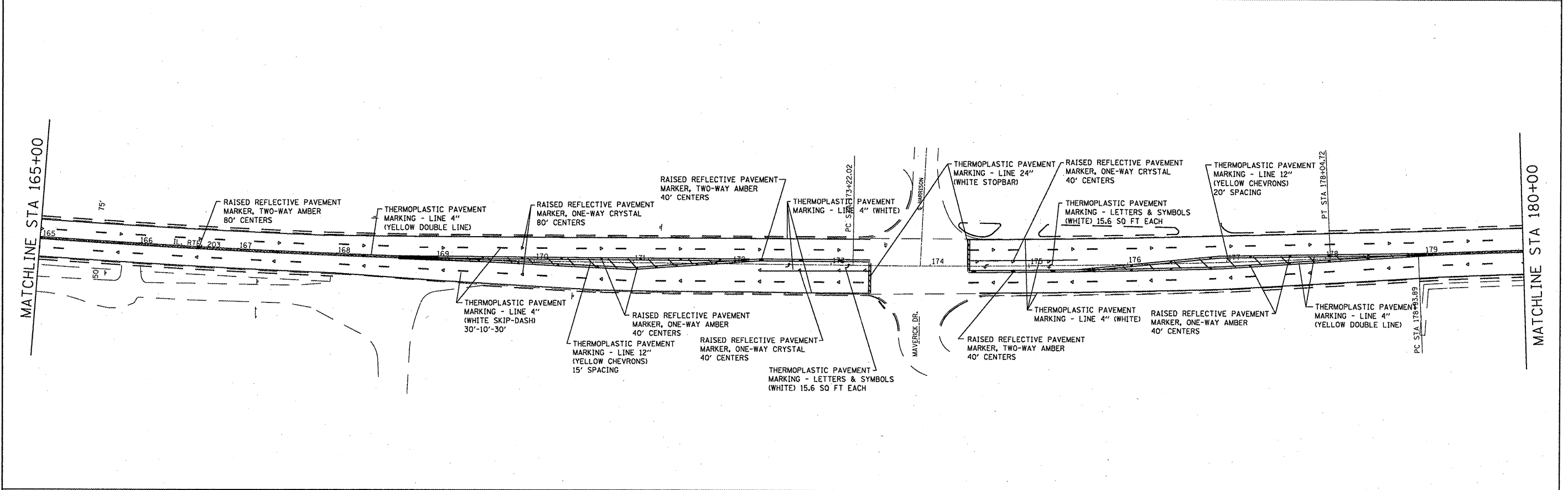
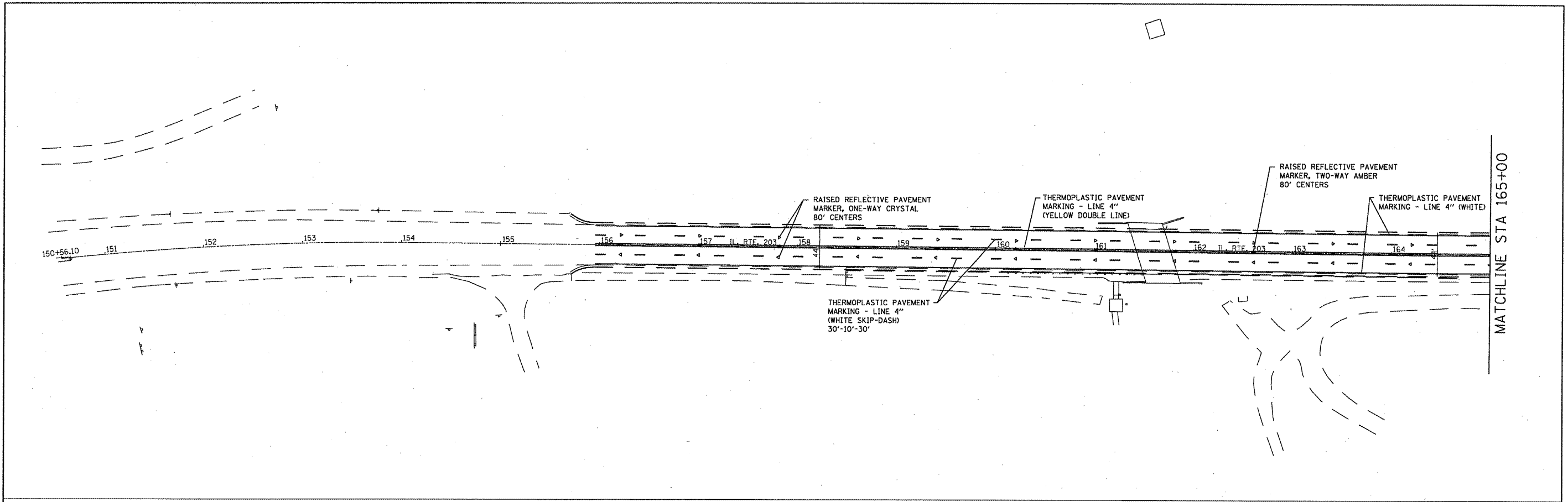
USER NAME = #USER#	DESIGNED - ---	REVISED - ---
DRAWN - ---	REVISED - ---	REVISED - ---
PLOT SCALE = #SCALE#	CHECKED - ---	REVISED - ---
PLOT DATE = #DATE#	DATE - ---	REVISED - ---

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

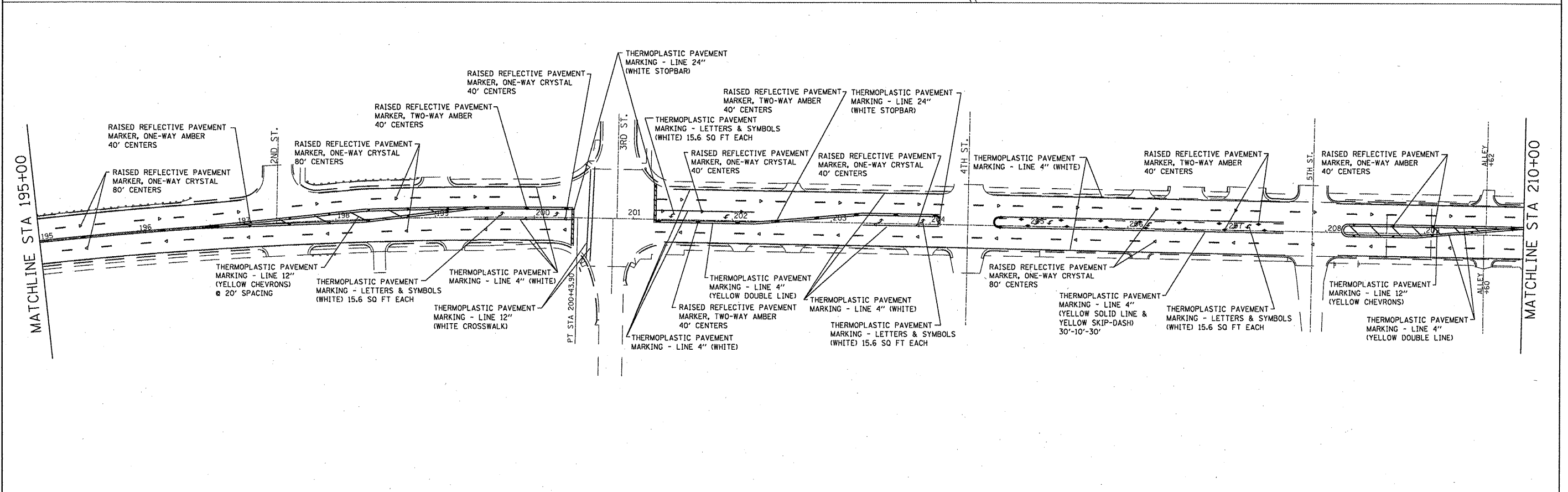
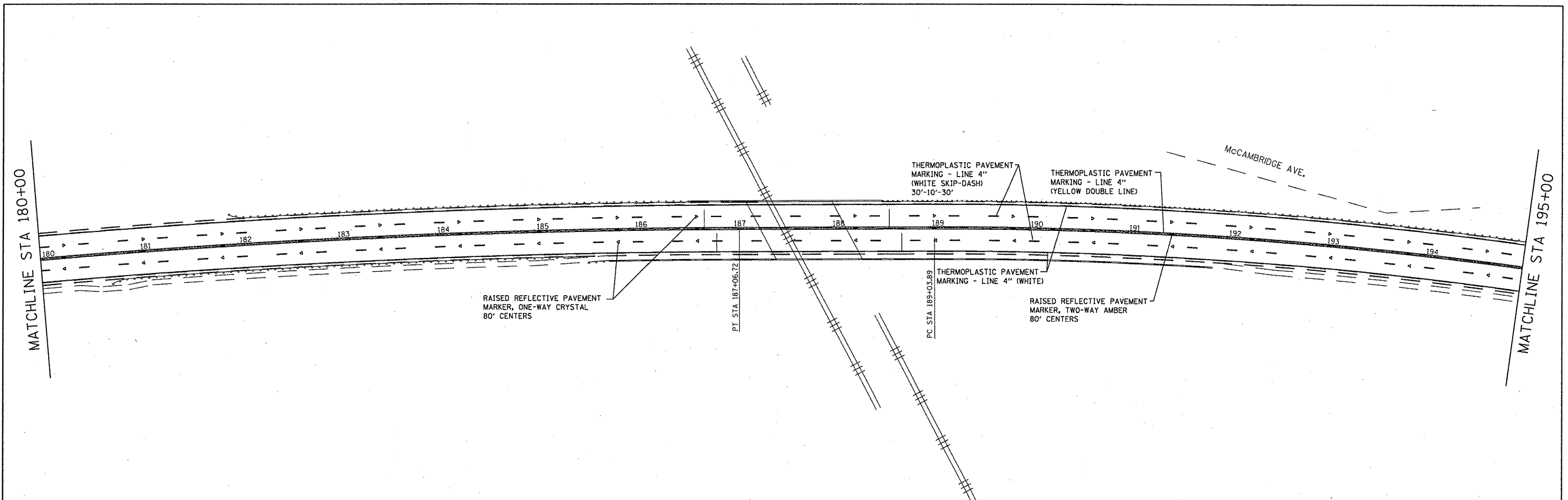
PLAN SHEETS

SCALE: 1" = 50' SHEET NO. 6 OF 6 SHEETS STA. 296+00 TO STA. 317+72

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	(61-63)RS-3	MADISON	40	20
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B71	



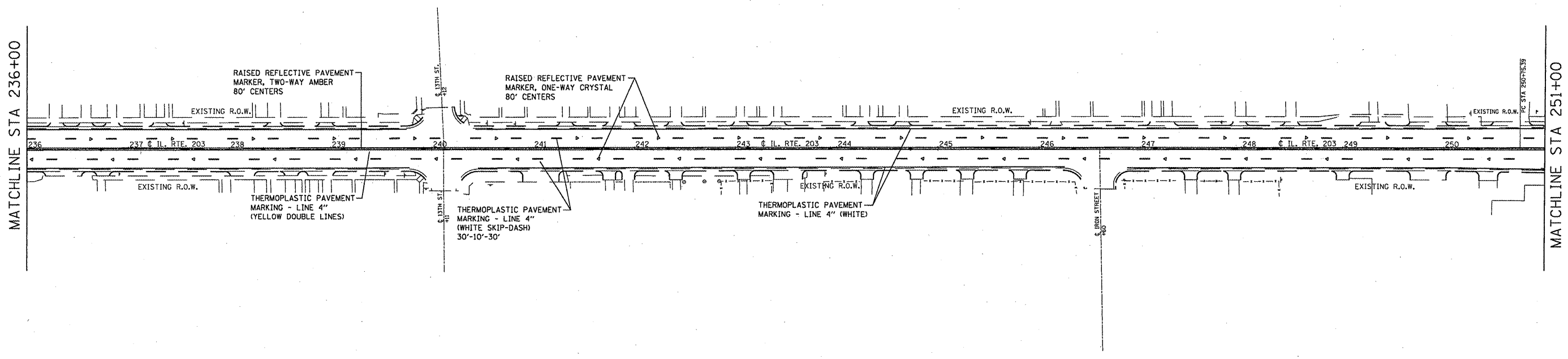
FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEETS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET NO. 1 OF 6 SHEETS	594	(61-63)RS-3	MADISON	40	21
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -		STA. 155+96 TO STA. 180+00		CONTRACT NO. 76B71				
	PLOT DATE = #DATE#	DATE -	REVISED -				FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				



FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEETS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET NO. 2 OF 6 SHEETS	594	(61-63)RS-3	MADISON	40	22
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -		STA. 180+00 TO STA. 210+00		CONTRACT NO. 76B71				
	PLOT DATE = #DATE#	DATE -	REVISED -		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT						

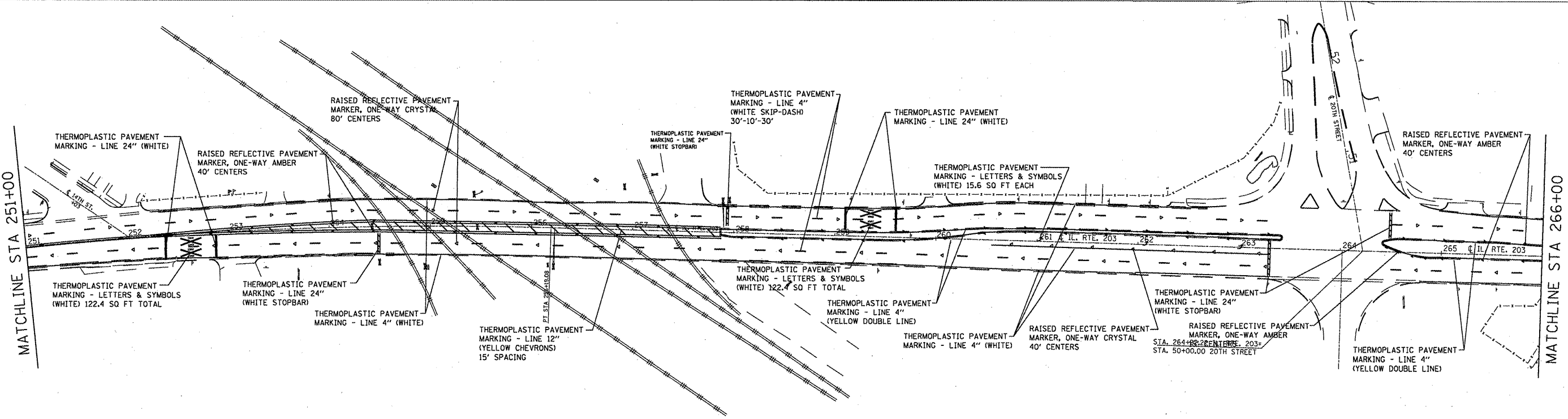
MATCHLINE STA 236+00

MATCHLINE STA 251+00



MATCHLINE STA 251+00

MATCHLINE STA 266+00



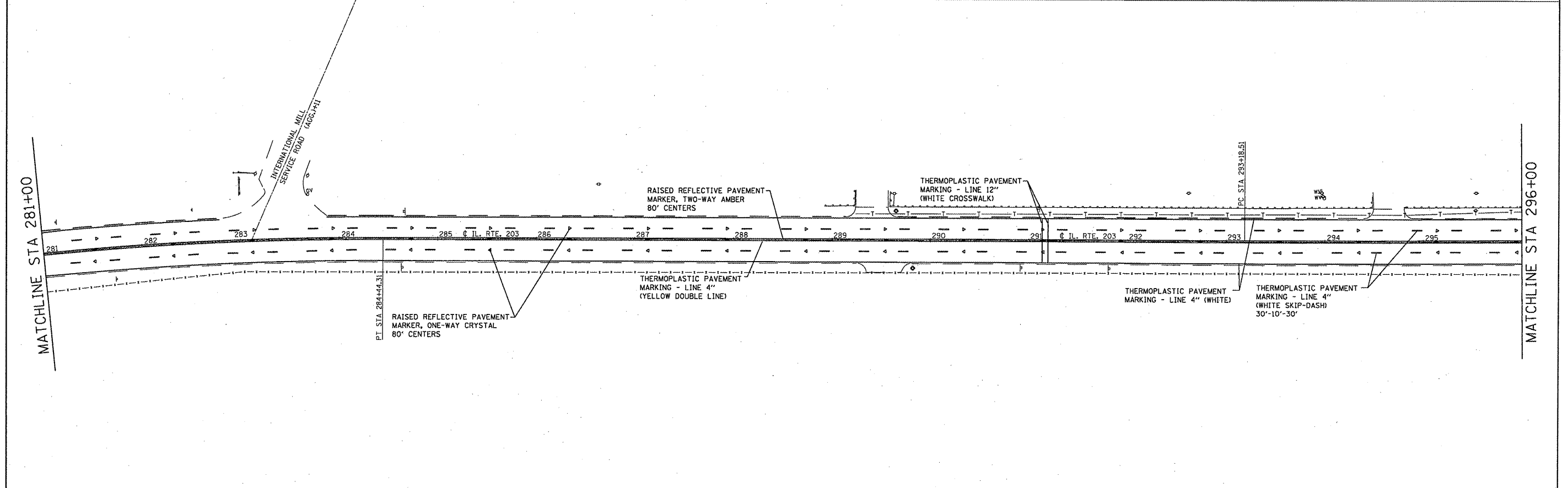
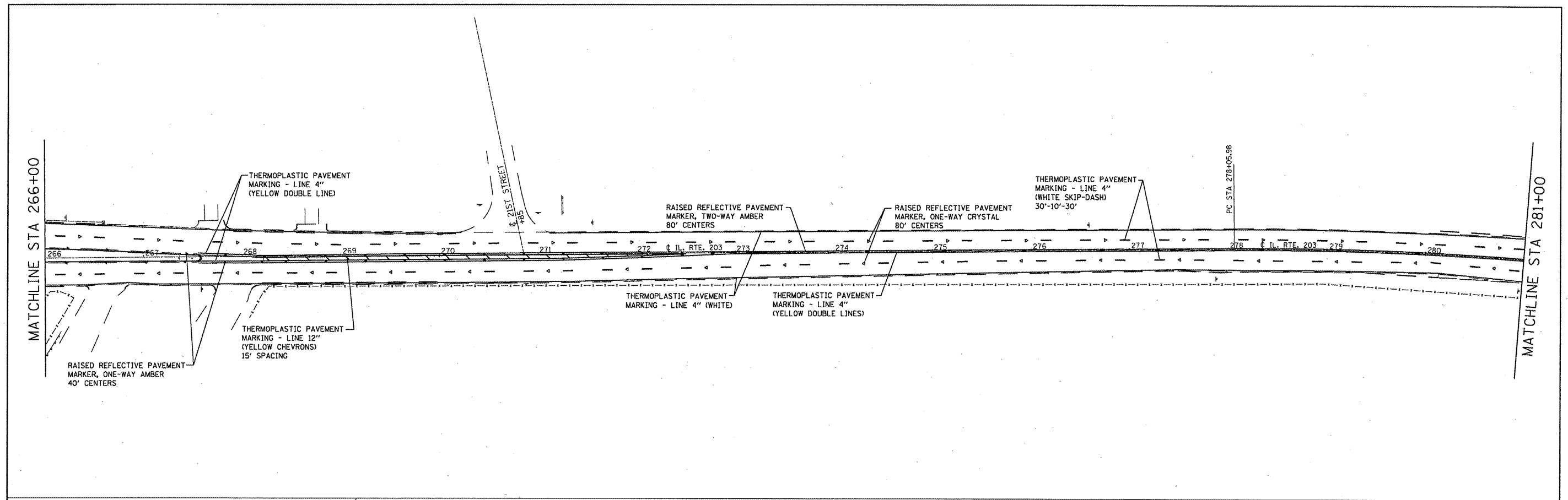
FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -
#FILE#		DRAWN -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

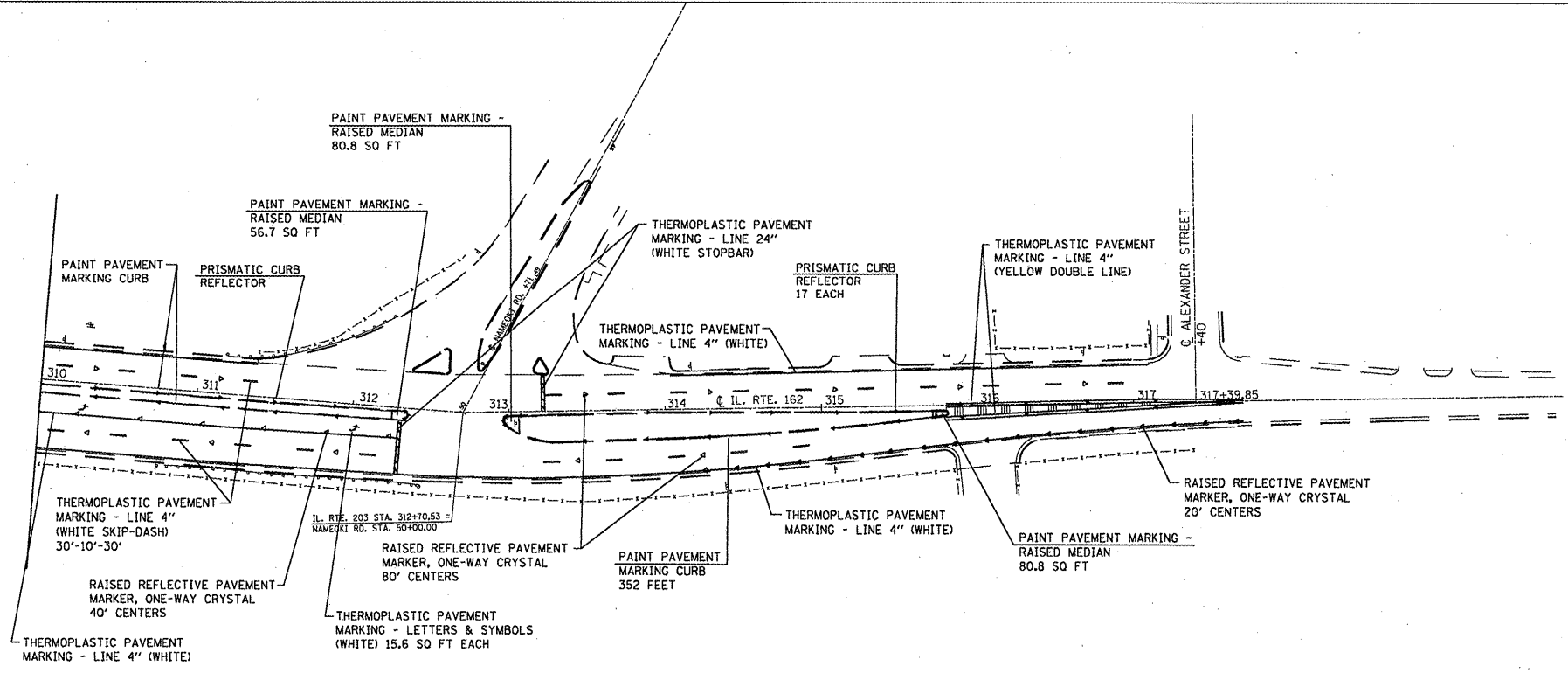
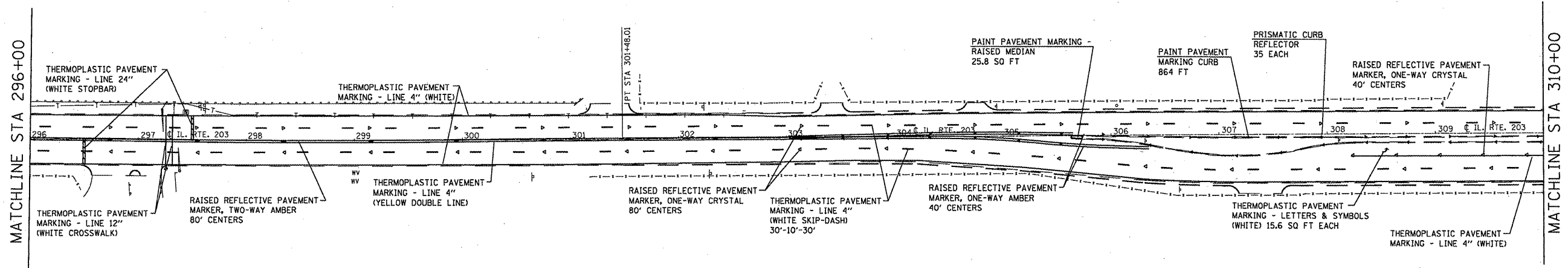
PAVEMENT MARKING SHEETS

SCALE: 1" = 50'
SHEET NO. 4 OF 6 SHEETS
STA. 236+00 TO STA. 266+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	(61-63)RS-3	MADISON	40	24
CONTRACT NO. 76B71				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEETS		F.A.P. RTE. 594	SECTION (61-63)RS-3	COUNTY MADISON	TOTAL SHEETS 40	SHEET NO. 25	
PLOT SCALE = #SCALE#	CHECKED - ---	REVISED - ---	SCALE: 1" = 50'		SHEET NO. 5 OF 6 SHEETS	STA. 266+00 TO STA. 296+00	CONTRACT NO. 76B71					
PLOT DATE = #DATE#	DATE - ---	REVISED - ---	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT									

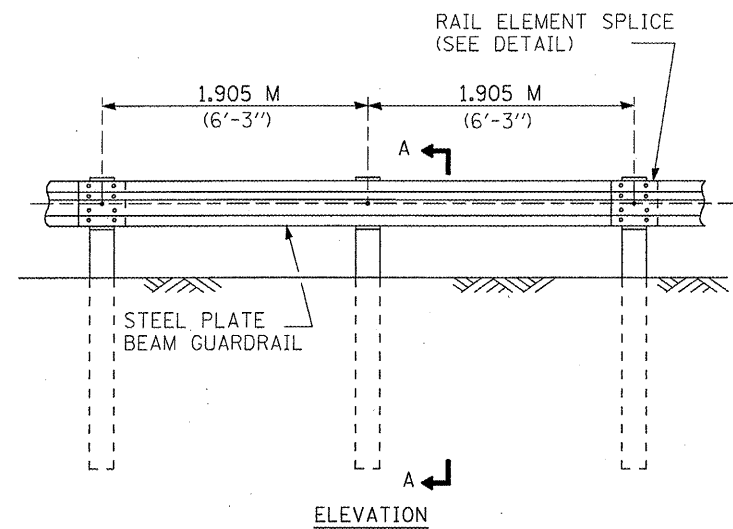


FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

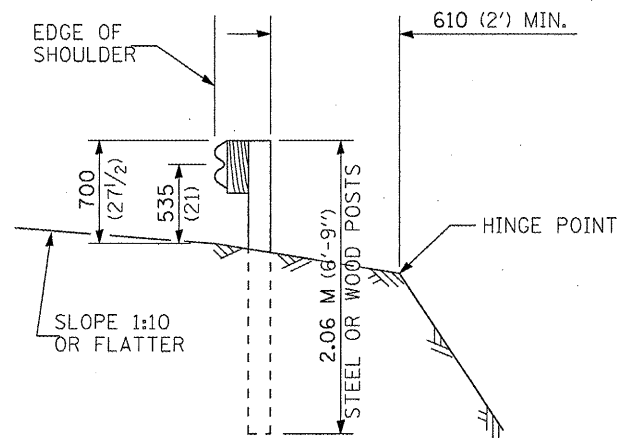
PAVEMENT MARKING SHEETS		
SCALE: 1" = 50'	SHEET NO. 6 OF 6 SHEETS	STA. 296+00 TO STA. 317+72

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	(61-63)RS-3	MADISON	40	26
CONTRACT NO. 76B71				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				

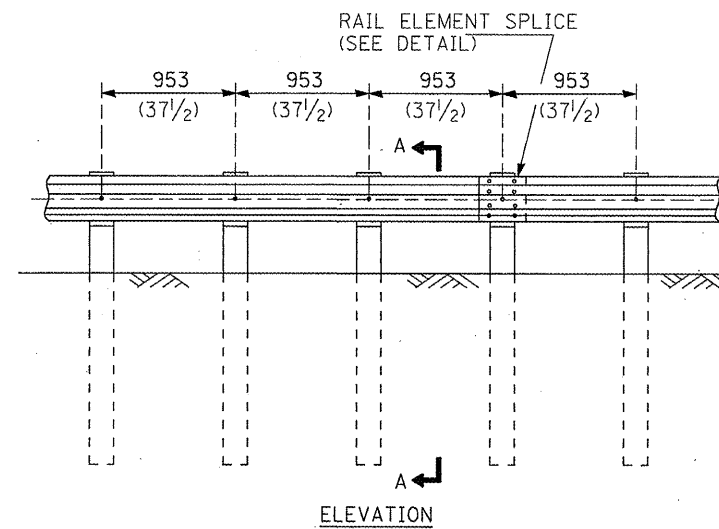


TYPE A

1.905 M (6'-3") TYPICAL POST SPACING

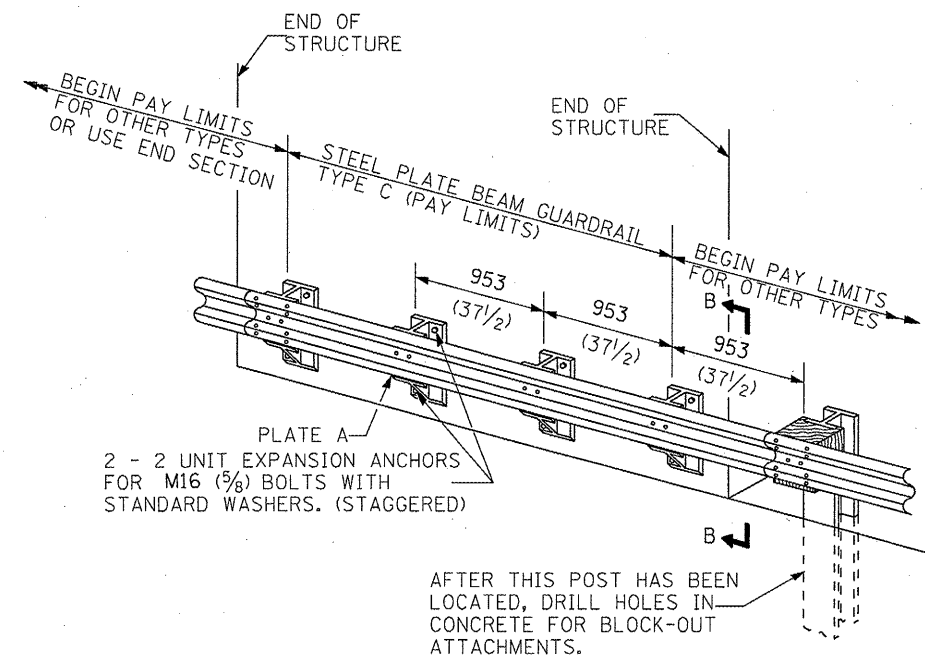


SECTION A-A



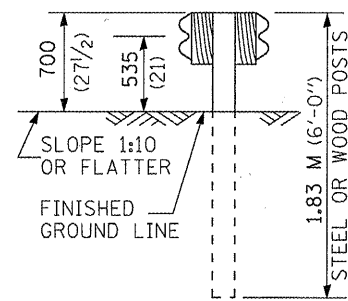
TYPE B

953 (37 1/2) CLOSED POST SPACING

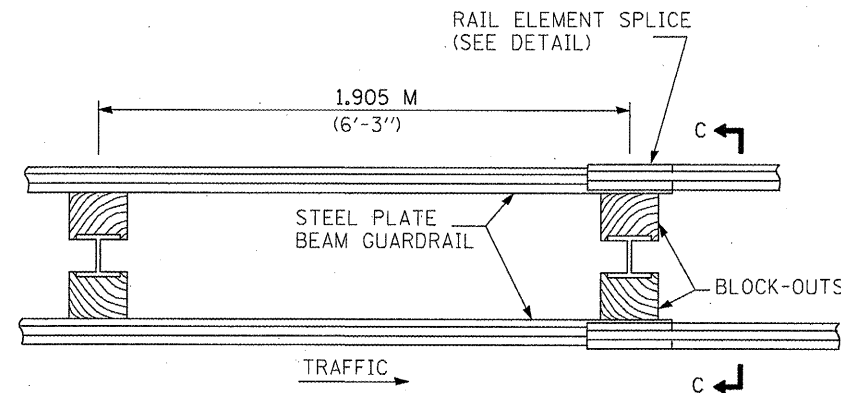


TYPE C

953 (37 1/2) BLOCK-OUT SPACING



SECTION C-C



TYPE D

DOUBLE STEEL PLATE BEAM GUARDRAIL
1.905 M (6'-3") TYPICAL POST SPACING

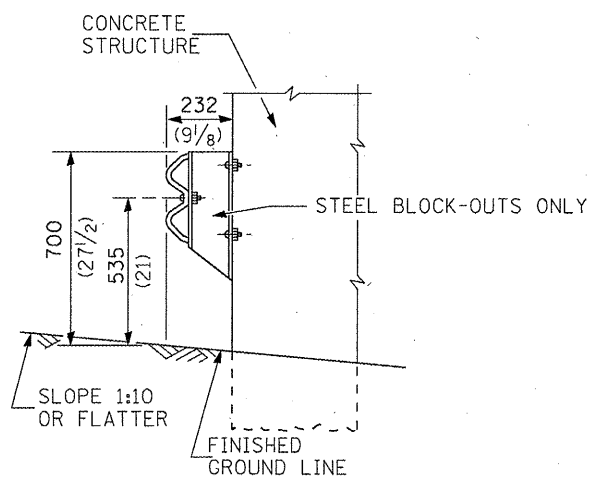
GENERAL NOTES

ALL SLOPE RATIOS ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H).

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

THE EXISTING STEEL POSTS MAY BE DRILLED TO MATCH THE BOLT PATTERN SHOWN HEREIN FOR THE WOOD BLOCK-OUT, OR A NEW STEEL POST SHALL BE PROVIDED.

THIS DETAIL IS APPLICABLE TO THE GUARDRAIL SYSTEM USED PRIOR TO JANUARY 1, 2007. FOR DETAILS ON THE MIDWEST GUARDRAIL SYSTEM, SEE STANDARD 630001.



SECTION B-B

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -
#FILE#		DRAWN -	REVISED -
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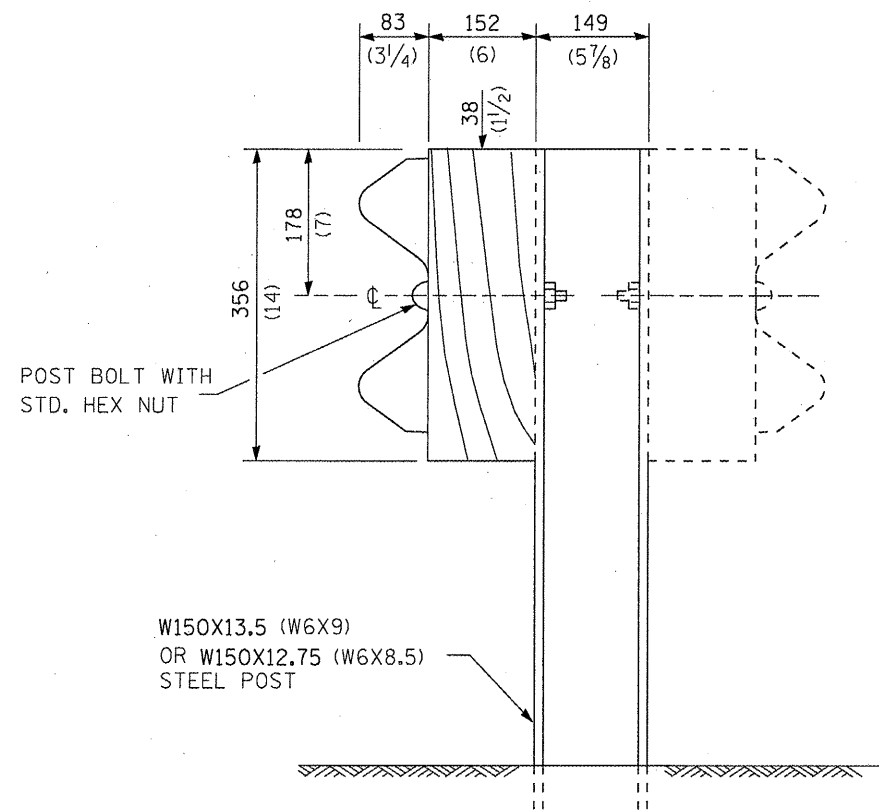
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STEEL PLATE BEAM GUARDRAIL DETAIL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	(61-63)RS-3	MADISON	40	27
CONTRACT NO. 76B71				

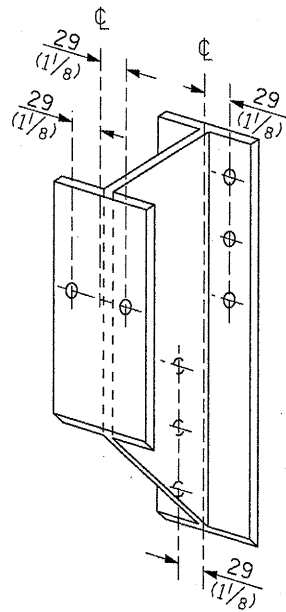
SCALE: _____ SHEET NO. 1 OF 4 SHEETS STA. _____ TO STA. _____

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

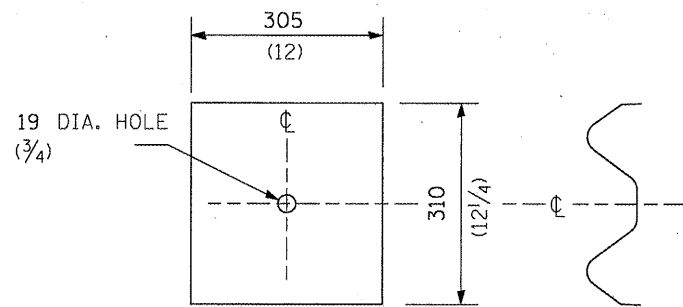


W150X13.5 (W6X9)
OR W150X12.75 (W6X8.5)
STEEL POST

STEEL POST CONSTRUCTION



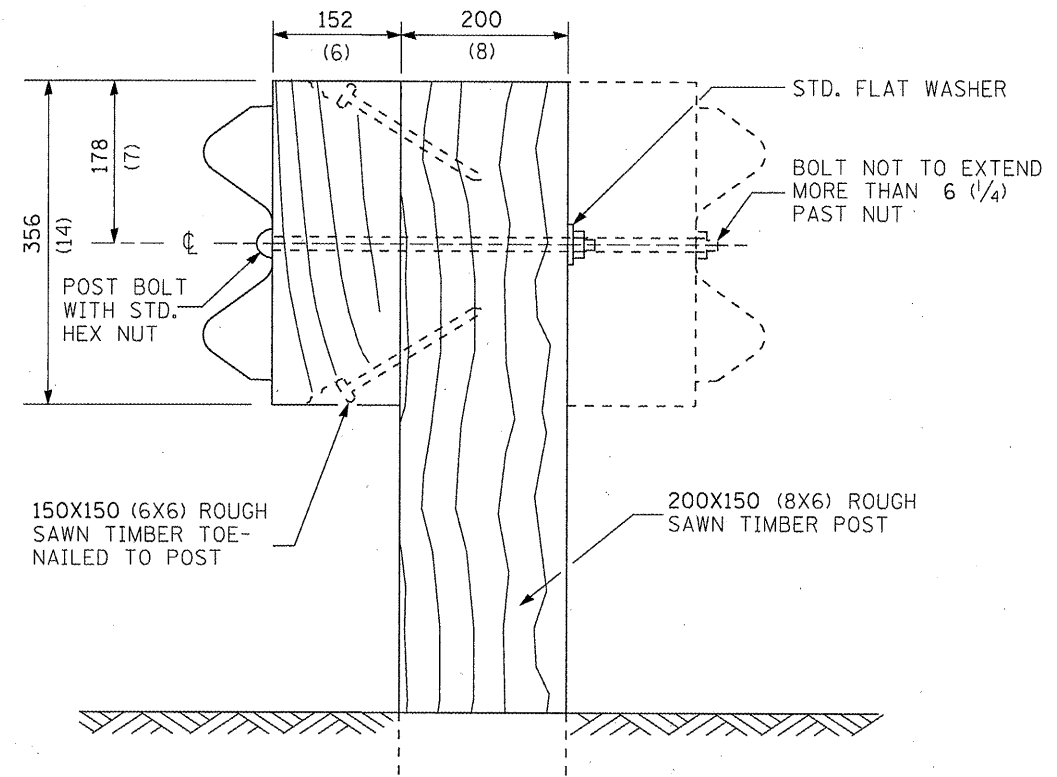
STEEL BLOCK-OUT DETAIL



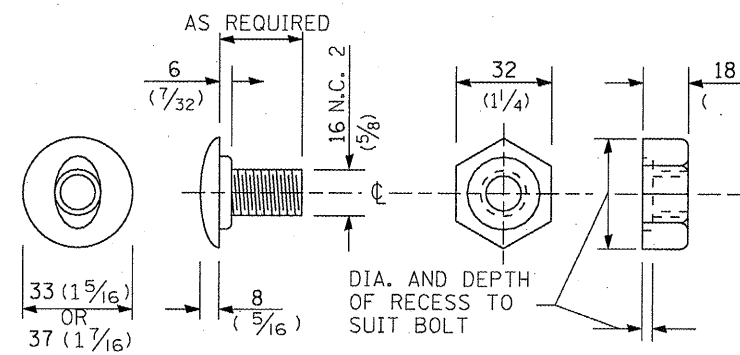
NOTE

PLATE A SHALL BE PLACED BETWEEN RAIL ELEMENT AND BLOCK-OUT AT NON-SPLICE MOUNTING POINTS ONLY WHEN STEEL BLOCK-OUTS ARE USED.

PLATE A



WOOD POST CONSTRUCTION



POST OR SPLICE BOLT & NUT

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISOR -
#FILE#		DRAWN -	REVISOR -
	PLOT SCALE = #SCALE#	CHECKED -	REVISOR -
	PLOT DATE = #DATE#	DATE -	REVISOR -

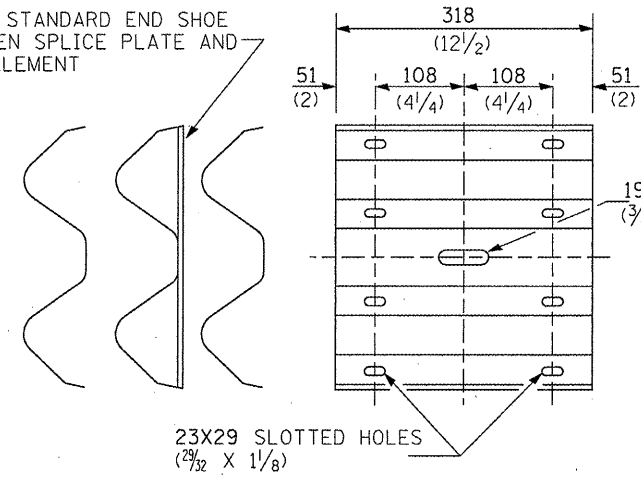
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STEEL PLATE BEAM GUARDRAIL DETAIL

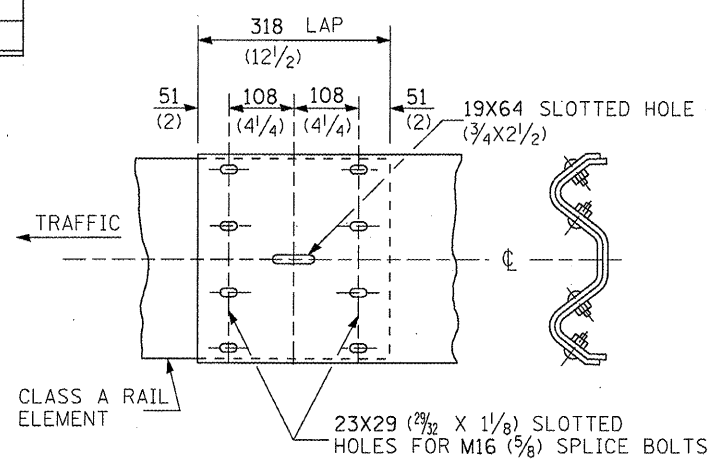
SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	(61-63)RS-3	MADISON	40	28
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B71	

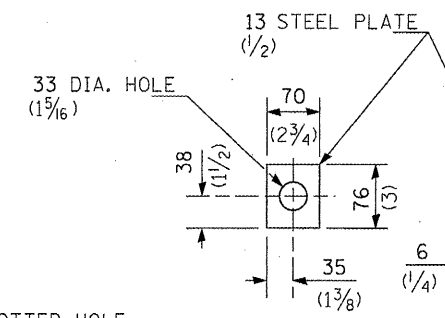
PLACE STANDARD END SHOE BETWEEN SPLICE PLATE AND RAIL ELEMENT



SPLICE PLATE

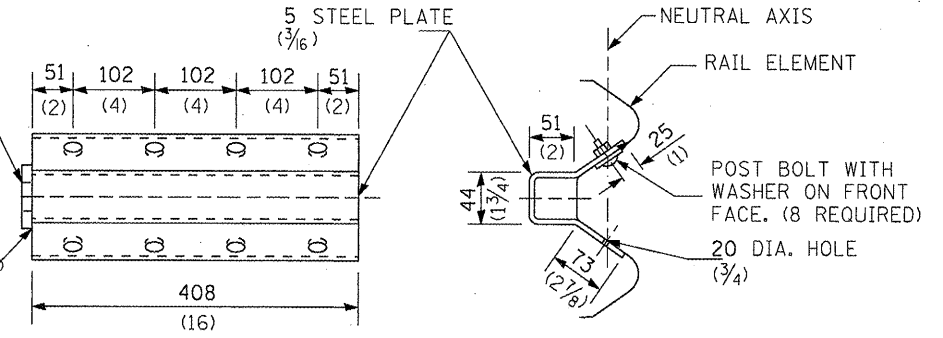


RAIL ELEMENT SPLICE



NOTE
ANCHOR PLATE T SHALL BE USED TO ATTACH CABLE ASSEMBLY TO GUARDRAIL WHEN REQUIRED ON TRAFFIC BARRIER TERMINALS.

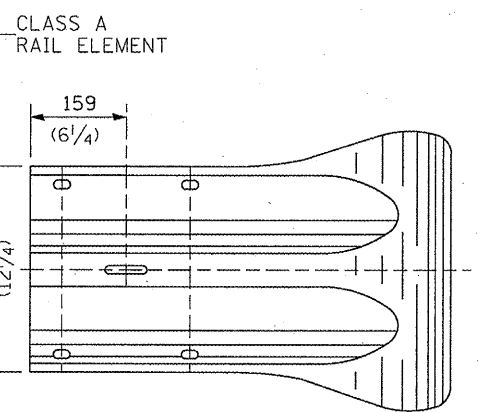
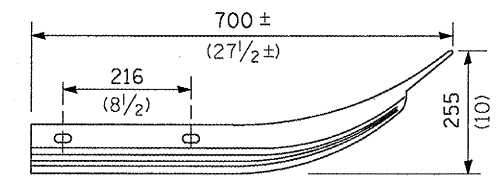
ANCHOR PLATE T DETAILS



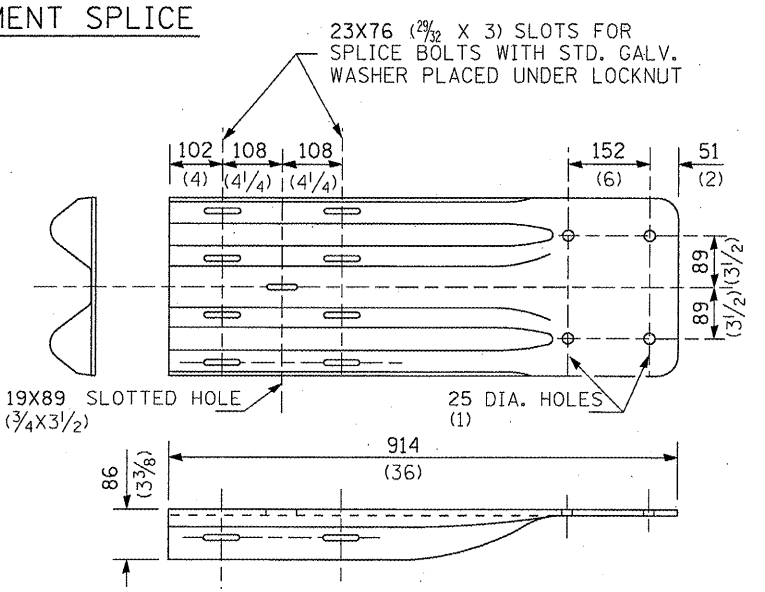
NOTE

ANCHOR PLATE T SHALL BE USED TO ATTACH CABLE ASSEMBLY TO GUARDRAIL WHEN REQUIRED ON TRAFFIC BARRIER TERMINALS.

ANCHOR PLATE T DETAILS



END SECTION



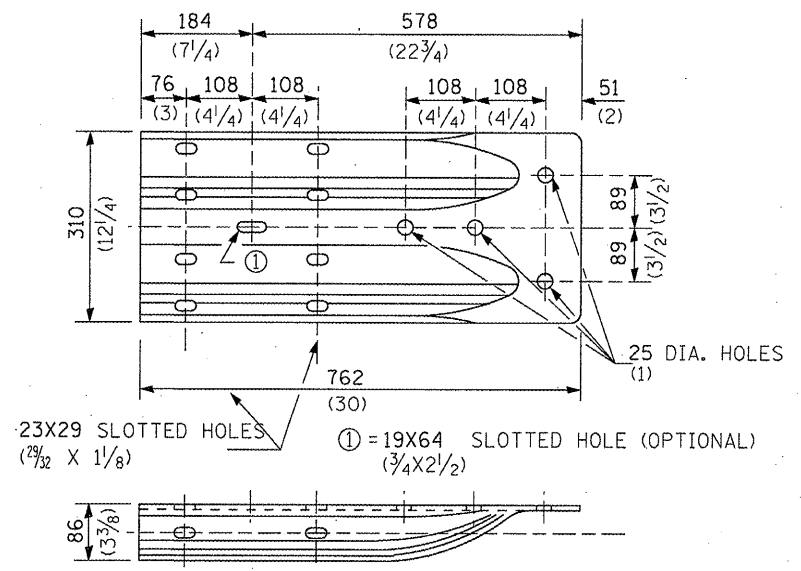
NOTE

WHEN END SHOE IS ATTACHED TO A BRIDGE PARAPET WHICH HAS AN EXPANSION JOINT, THE BOLTS SHALL BE PROVIDED WITH A LOCKNUT OR DOUBLE NUT AND SHALL BE TIGHTENED ONLY TO A POINT THAT WILL ALLOW GUARDRAIL MOVEMENT.

THE STANDARD END SHOE SHALL BE ATTACHED TO THE CONCRETE WITH PRE-DRILLED OR SELF-DRILLING ANCHOR BOLTS. THE ANCHOR CONE SHALL BE SET FLUSH WITH THE SURFACE OF THE CONCRETE.

EXTERNALLY THREADED STUDS PROTRUDING FROM THE SURFACE OF THE CONCRETE WILL NOT BE PERMITTED.

END SHOE



ALTERNATE END SHOE

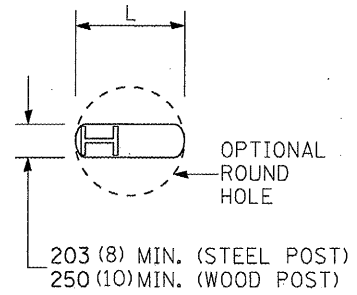
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#FILE#		DRAWN -	REVISED -
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	PLOT DATE = #DATE#	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

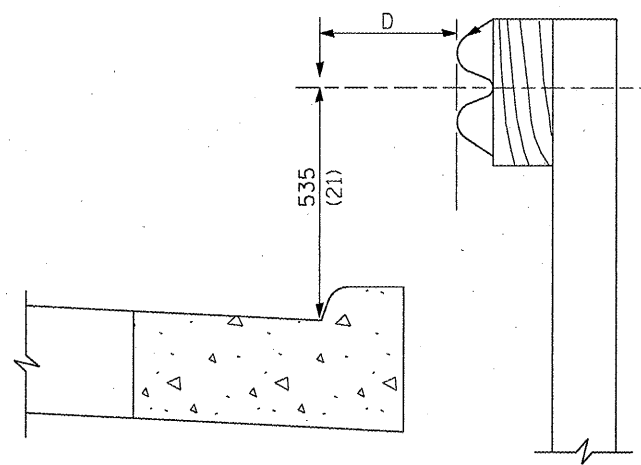
STEEL PLATE BEAM GUARDRAIL DETAIL

SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	(61-63)RS-3	MADISON	40	29
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B71	



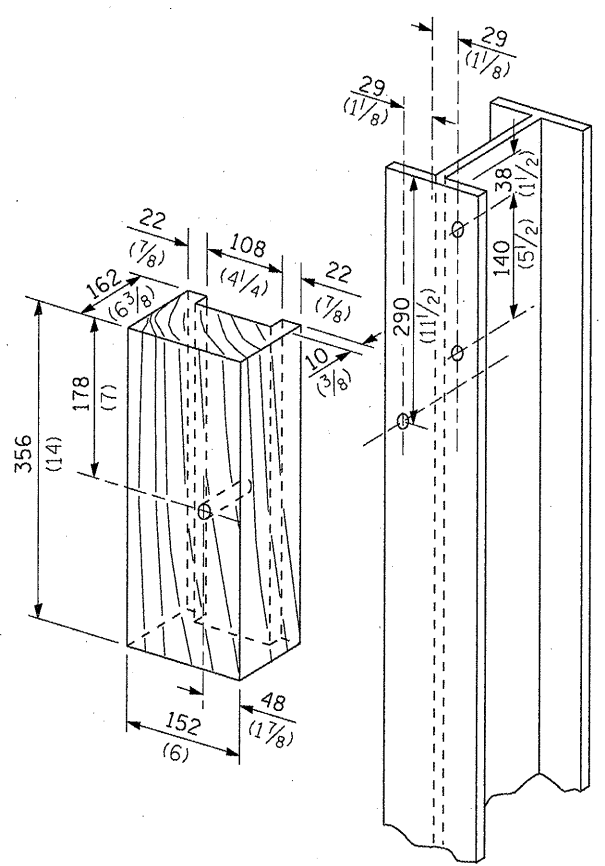
PLAN



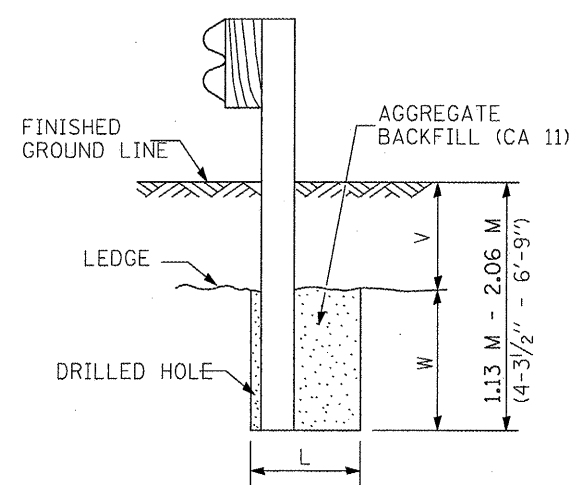
NOTE:
IF IT IS NECESSARY FOR D TO BE MORE THAN 300 (12) AND LESS THAN 3.0 M (10'-0") TYPE M-5 (M-2) CURB AND GUTTER (STD. 606001) SHALL BE USED IN FRONT OF AND IN ADVANCE OF THE GUARDRAIL.

GUARDRAIL PLACED BEHIND CURB

(D = 0 DESIRABLE TO 300 (12) MAXIMUM)



WOOD BLOCK-OUT AND STEEL POST DETAILS

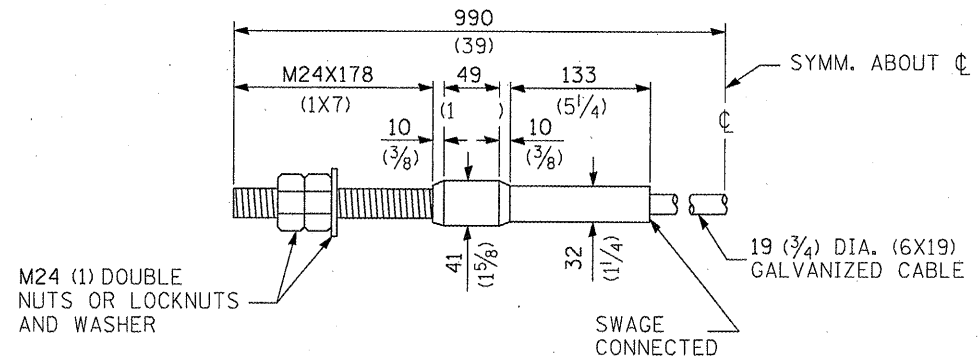


NOTE:
LEDGE LINE IS TOP OF ROCK LEDGE OR HARD SLAG FILL.

ELEVATION

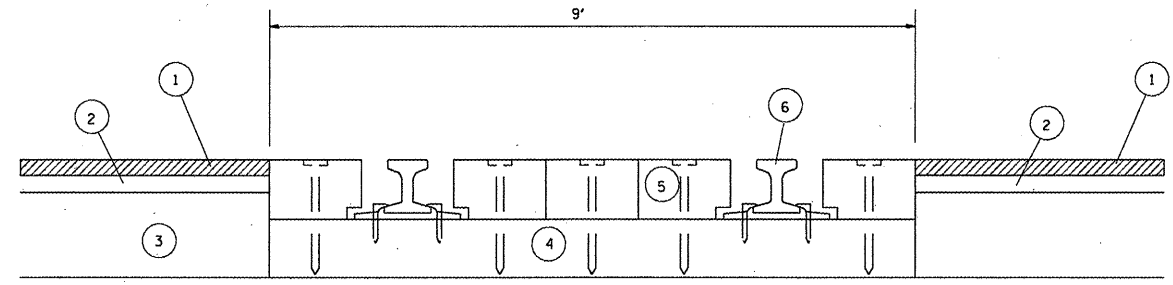
FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED

V	W	L	
		STEEL POST	WOOD POST
0 - 460 (0 - 18)	610 (24)	530 (21)	580 (23)
>460 - 825 (>18 - 41.5)	305 (12)	203 (8)	250 (10)
>825 - 1.13 M (>41.5 - 53.5)	305 - 0 (12 - 0)	203 (8)	250 (10)



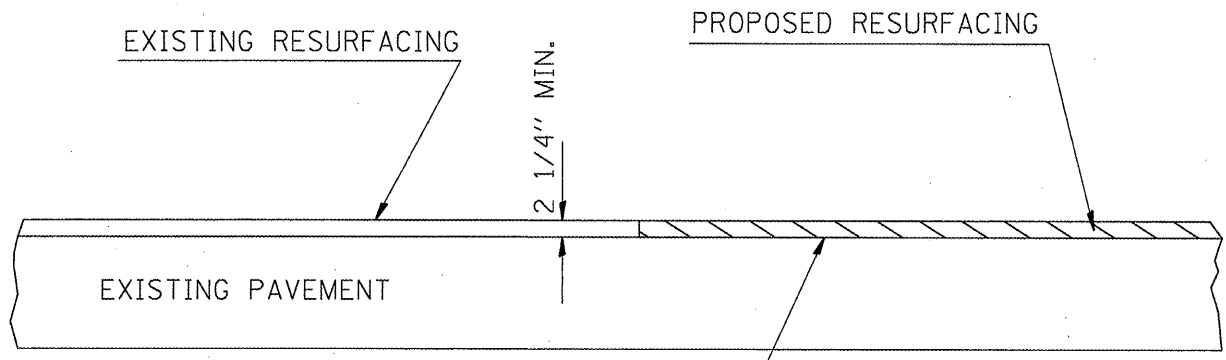
CABLE ASSEMBLY

(18,100 KG (40,000 LBS.) MIN. BREAKING STRENGTH)
TIGHTEN TO TAUT TENSION.



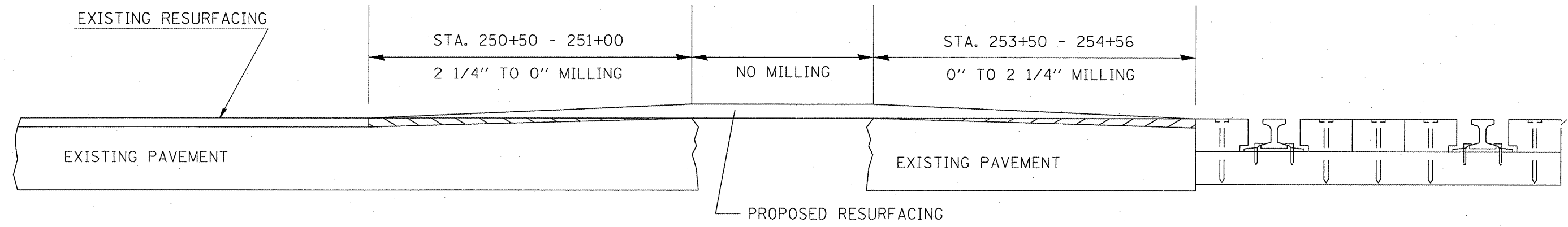
JOINTS @ RAILROAD

- 1 PROPOSED 2 1/4" MILLING AND BITUMINOUS RESURFACING
- 2 EXISTING BITUMINOUS SURFACE
- 3 EXISTING PAVEMENT
- 4 EXISTING RR TIES
- 5 EXISTING RR PLANKS
- 6 EXISTING RAIL



EXISTING RESURFACING TO BE REMOVED

JOINTS @ BEGINNING & ENDING OF PROJECT

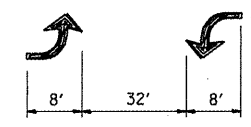
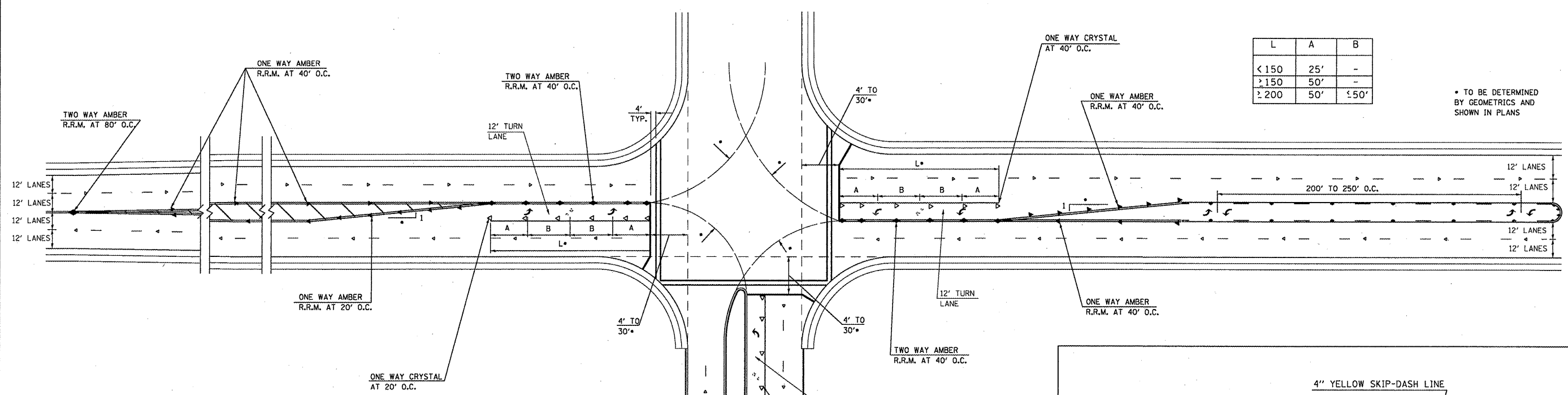


VARIABLE DEPTH MILLING

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT JOINT DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN -	REVISED -					594	(61-63)RS-3	MADISON	40	31
	PLOT DATE = #DATE#	CHECKED -	REVISED -		SCALE: _____ SHEET NO. 1 OF 1 SHEETS STA. _____ TO STA. _____			CONTRACT NO. 76B71		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		
		DATE -	REVISED -									

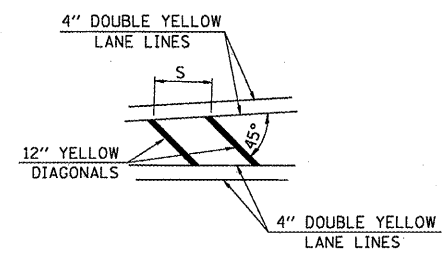
L	A	B
< 150	25'	-
> 150	50'	-
≥ 200	50'	≤ 50'

* TO BE DETERMINED BY GEOMETRICS AND SHOWN IN PLANS

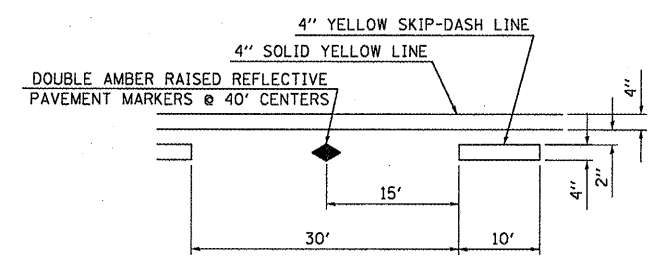


BI-DIRECTIONAL TURN ARROW @ 200' O. C.

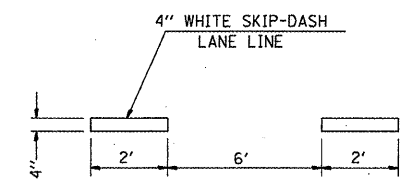
SPEED	CHANNELIZATION & GORES	OBJECTS	CONTINUOUS
< 30 MPH	15'	10'	50'
30-45 MPH	20'	15'	75'
> 45 MPH	30'	20'	150'



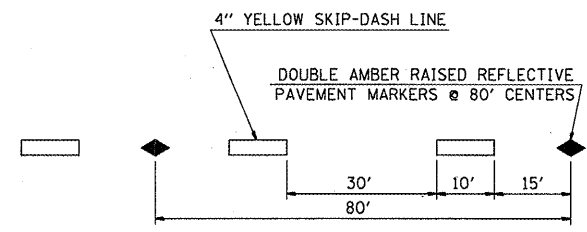
TYPICAL APPLICATION FOR MEDIAN STRIPING



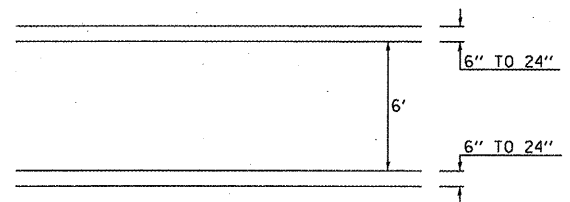
TYPICAL APPLICATION FOR BI-DIRECTIONAL TURN LANE WITH RAISED REFLECTIVE PAVEMENT MARKERS



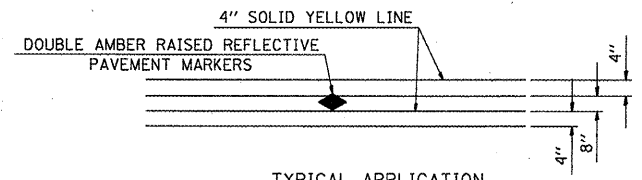
TYPICAL APPLICATION FOR WHITE SKIP-DASH LANE LINES (ABBREVIATED)



TYPICAL APPLICATION FOR YELLOW SKIP-DASH LINES WITH RAISED REFLECTIVE PAVEMENT MARKERS



TYPICAL APPLICATION FOR PEDESTRIAN CROSSWALK



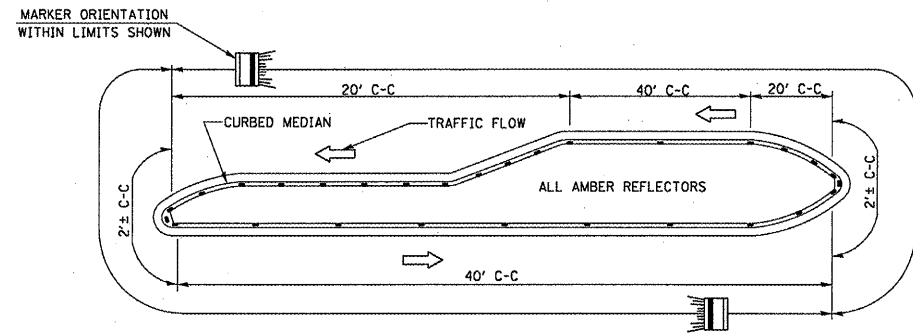
TYPICAL APPLICATION FOR DOUBLE YELLOW LANE LINES WITH RAISED REFLECTIVE PAVEMENT MARKERS

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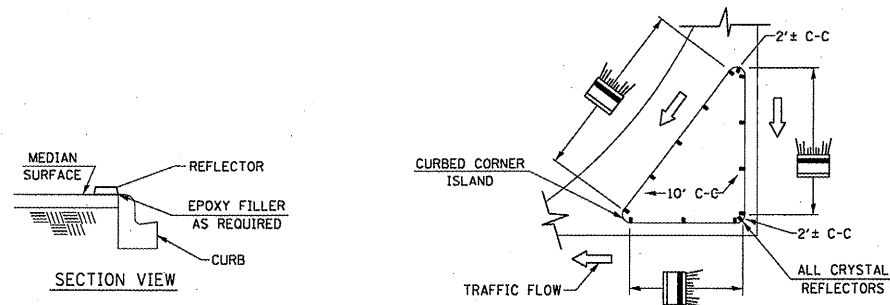
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS	
SCALE: _____	SHEET NO. 1 OF 2 SHEETS
STA. _____	TO STA. _____

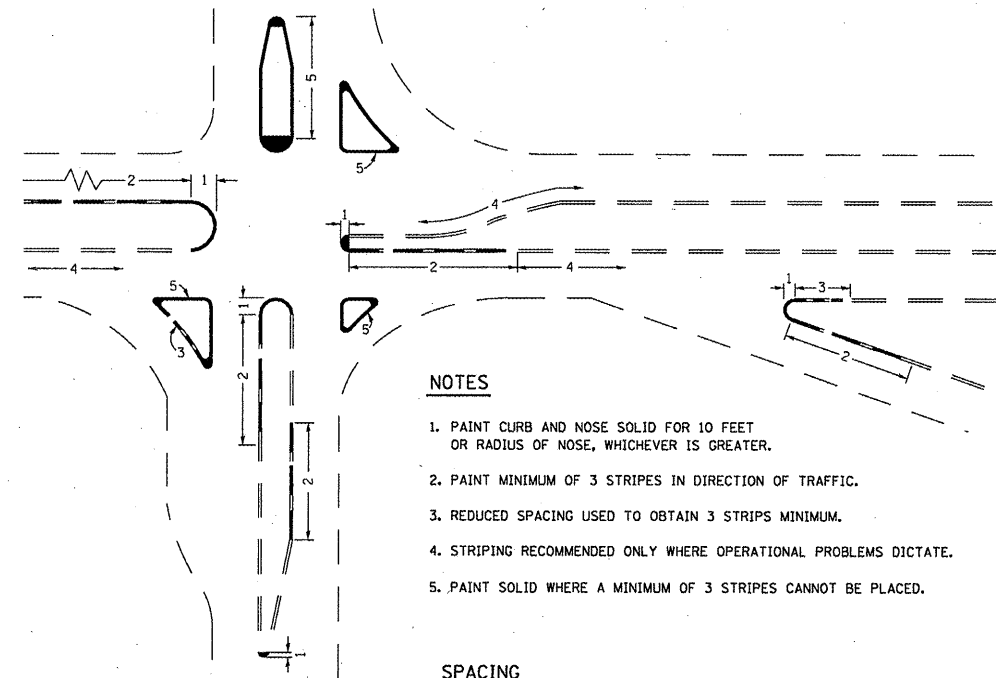
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	(61-63)RS-3	MADISON	40	32
CONTRACT NO. 76B71				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



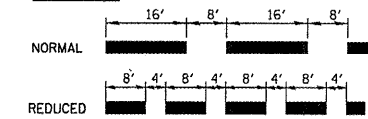
- NOTES**
1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
 2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
 3. PRISMATIC REFLECTORS SHALL BE EITHER AMBER OR CRYSTAL IN COLOR.



TYPICAL PLACEMENT OF PRISMATIC REFLECTORS ON CURBS
(NO SCALE)



SPACING



CURB MARKING

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS

SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.

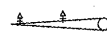


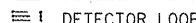
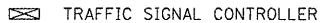
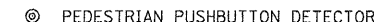


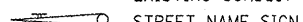
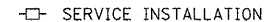
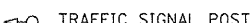


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	(61-63)RS-3	MADISON	40	33
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B71	

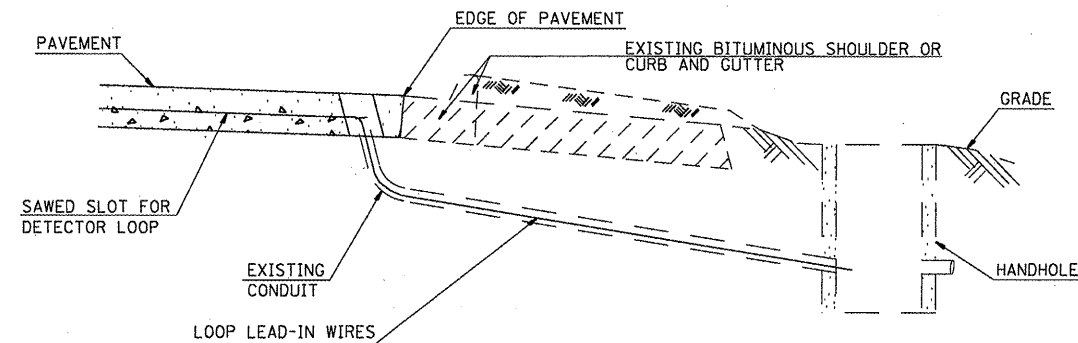
NOTES:

SEE TABLE "DETECTOR LOOP REQUIREMENTS AND CALCULATIONS" FOR LOOP SIZE AND CALCULATED NUMBER OF TURNS.

SEE "ELECTRICAL DETAIL" FOR INSTALLING DETECTOR LOOP WIRES IN EXISTING CONDUITS.

TRAFFIC SIGNALS LEGEND

- G.S.C. GALVANIZED STEEL CONDUIT
- P.V.C.C. POLYVINYL CHLORIDE CONDUIT
-  TRAFFIC SIGNAL HEAD W/BACKPLATE, MAST ARM MOUNTED
-  HANDHOLE
-  DOUBLE HANDHOLE
-  DETECTOR LOOP
-  TRAFFIC SIGNAL CONTROLLER
-  PEDESTRIAN PUSHBUTTON DETECTOR
-  PEDESTRIAN SIGNAL HEAD
-  EXISTING CONDUIT
-  STREET NAME SIGN
-  SERVICE INSTALLATION
-  TRAFFIC SIGNAL POST
-  OR  PROPOSED DETECTOR LOOP



DETAIL A
(NO SCALE)

INSTALLING DETECTOR LOOP WIRES IN EXISTING CONDUIT

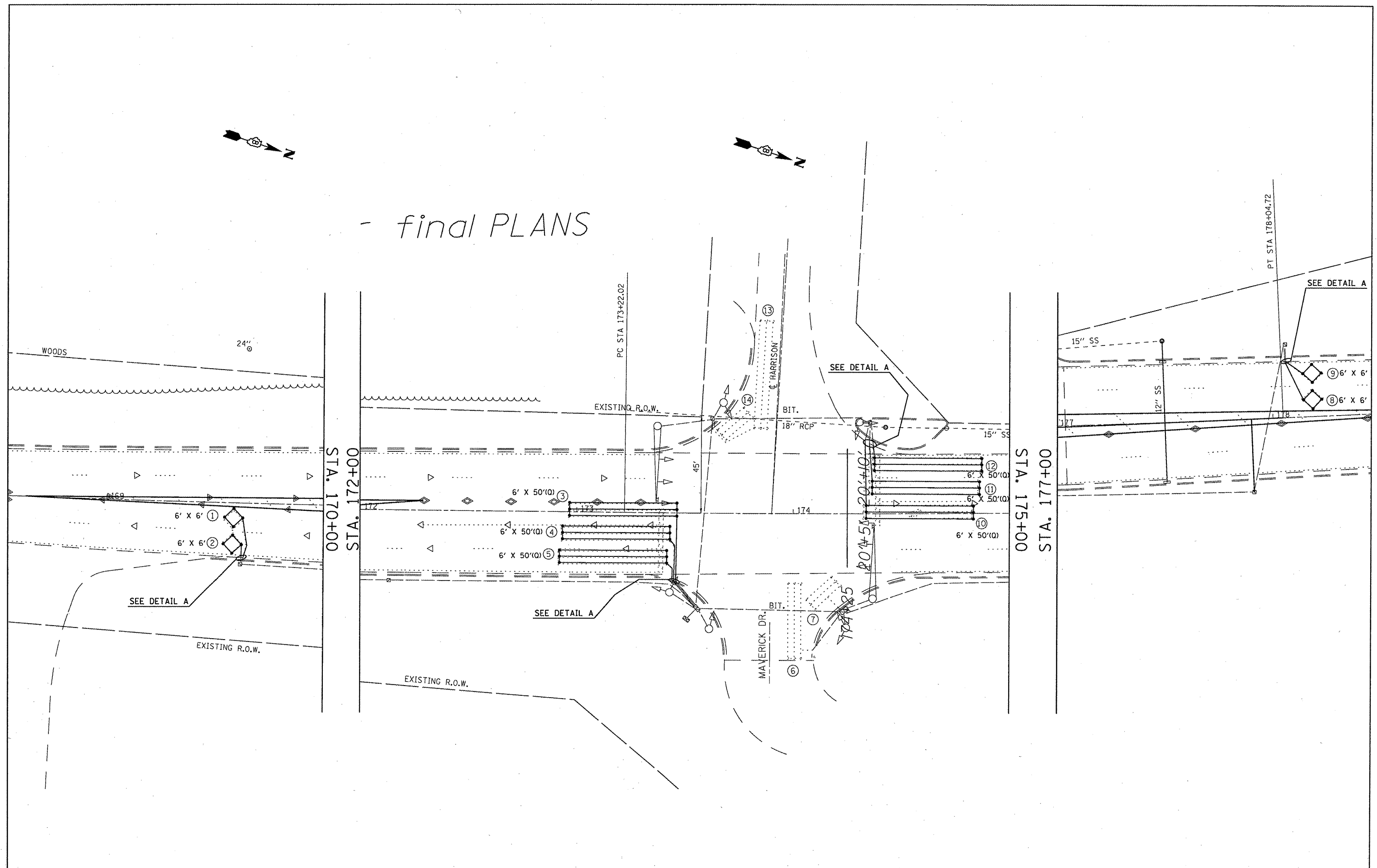
- 1 DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
- 2 REMOVE EXISTING DETECTOR LOOP WIRES TO HANDHOLE.
- 3 INSTALL NEW LOOP LEAD-IN WIRES IN EXISTING CONDUIT.
- 4 SPLICE NEW DETECTOR LOOP WIRES TO EXISTING LOOP LEAD-IN CABLE IN HANDHOLE.
- 5 FILL HOLE WITH APPROVED SEALER. PREVENT SEALER FROM ENTERING INTO CONDUIT.
- 6 LOCATING UNDERGROUND CABLE WILL BE PAID FOR SEPARATELY.

NOT A PAY ITEM. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "DETECTOR LOOP REPLACEMENT"

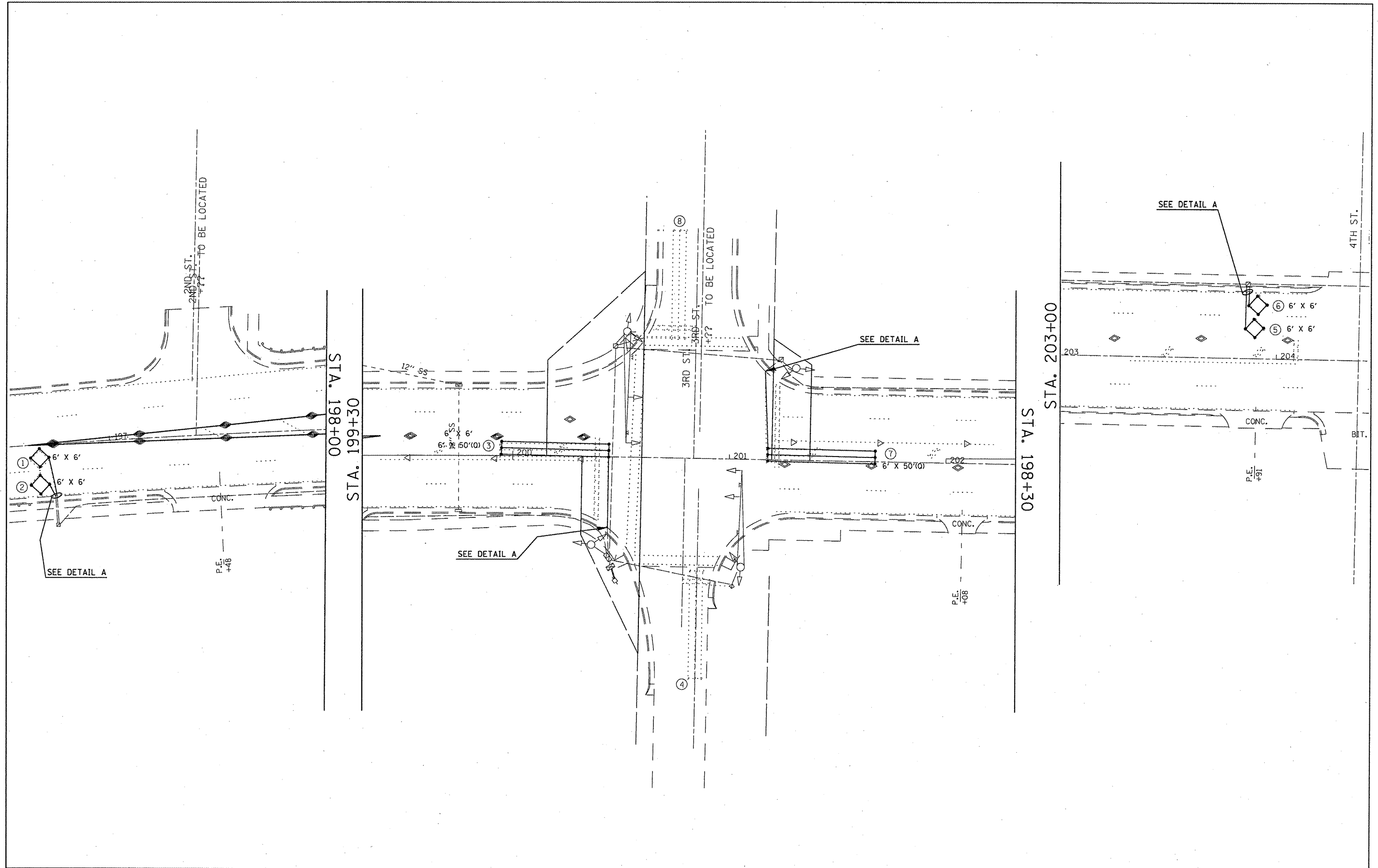
SCHEDULE OF QUANTITIES			TOTAL	HARRISON ST.	3RD ST.	6TH ST.	20TH ST.	IL 162
CODE NO	ITEM	UNIT	QUANTITIES					
88300100	LOCATING UNDERGROUND CABLE	FOOT	250	65	40	30	40	5
88600600	DETECTOR LOOP REPLACEMENT	FOOT	4910	1177	534	1165	1127	187

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ELECTRICAL LEGEND, NOTES, AND DETAIL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN -	REVISED -			594	(61:62) BS-3	MADISON	40	34	
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- final PLANS



FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN HARRISON ST.		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = #SCALE#	CHECKED - ---	REVISED - ---		SCALE: _____	SHEET NO. 3 OF 7 SHEETS	STA. _____ TO STA. _____	59d	(61:63)_BS:3	MADISON	40	36
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								CONTRACT NO. 76B71				



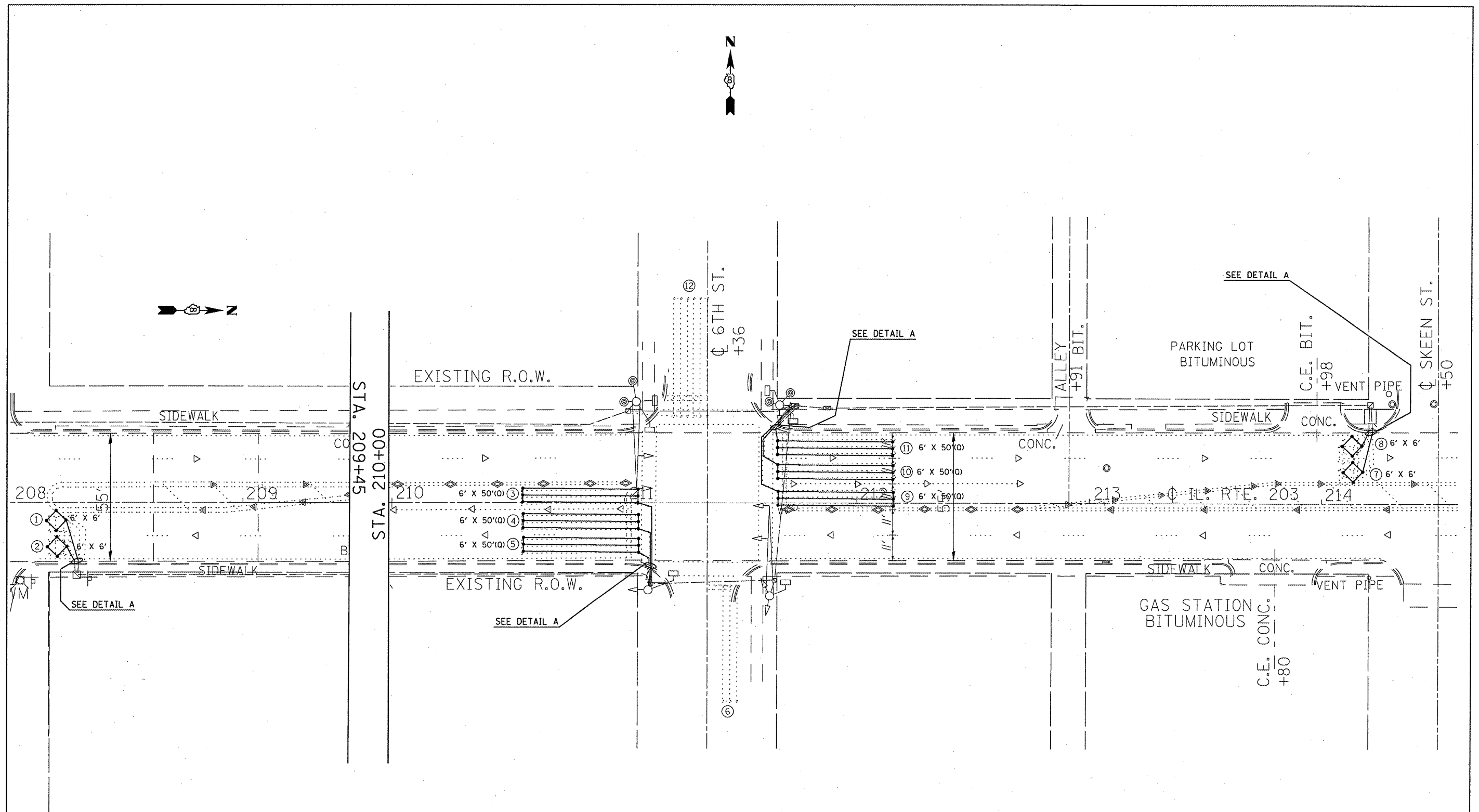
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
3RD ST.**

SCALE: _____ SHEET NO. 4 OF 7 SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	(61-63).BS-3	MADISON	40	37
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 76871	



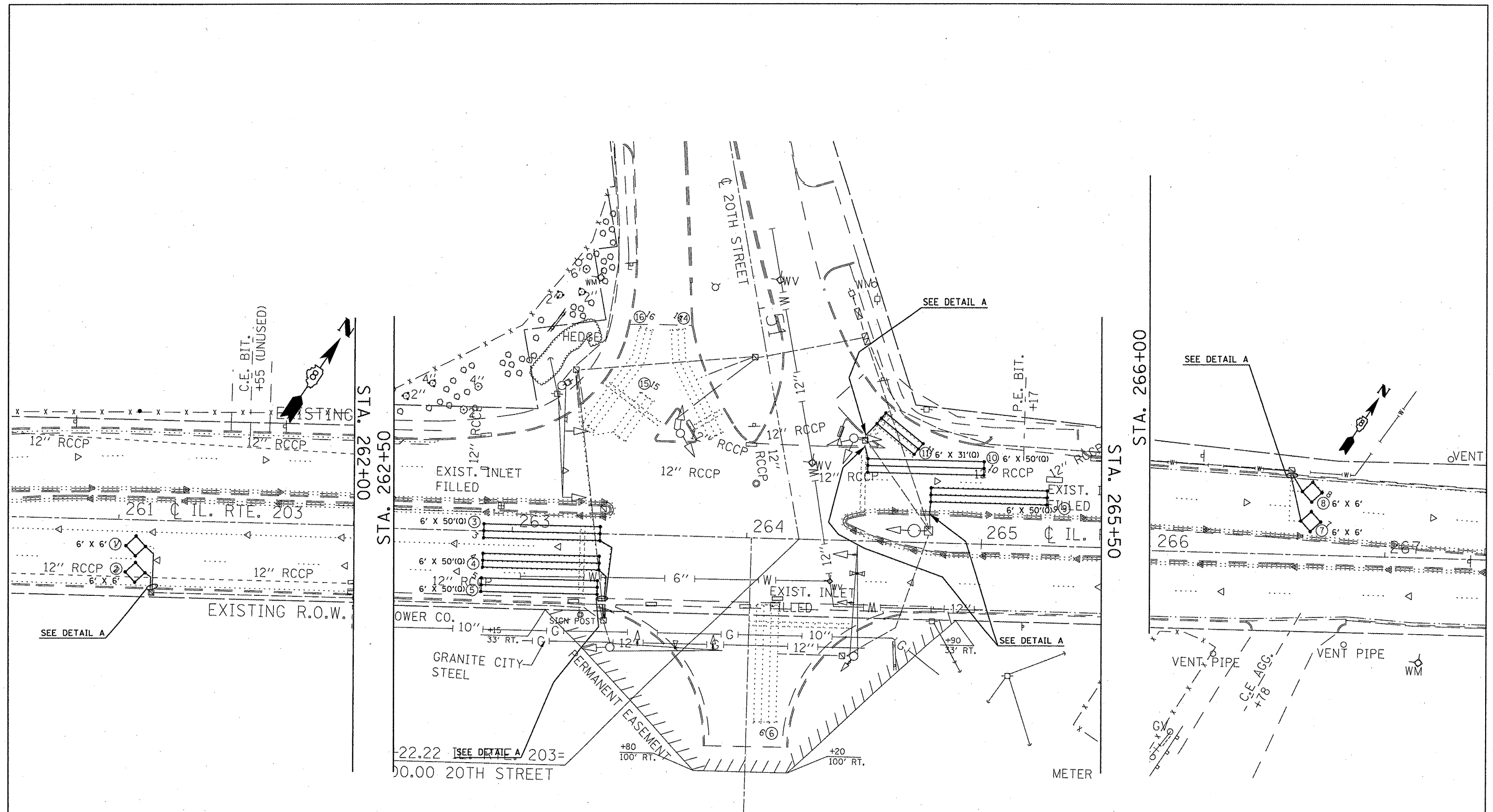
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#FILE#		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
6TH ST.

SCALE: _____ SHEET NO. 5 OF 7 SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59#	161-631-BS-3	MADISON	40	38
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B71	



FILE NAME =
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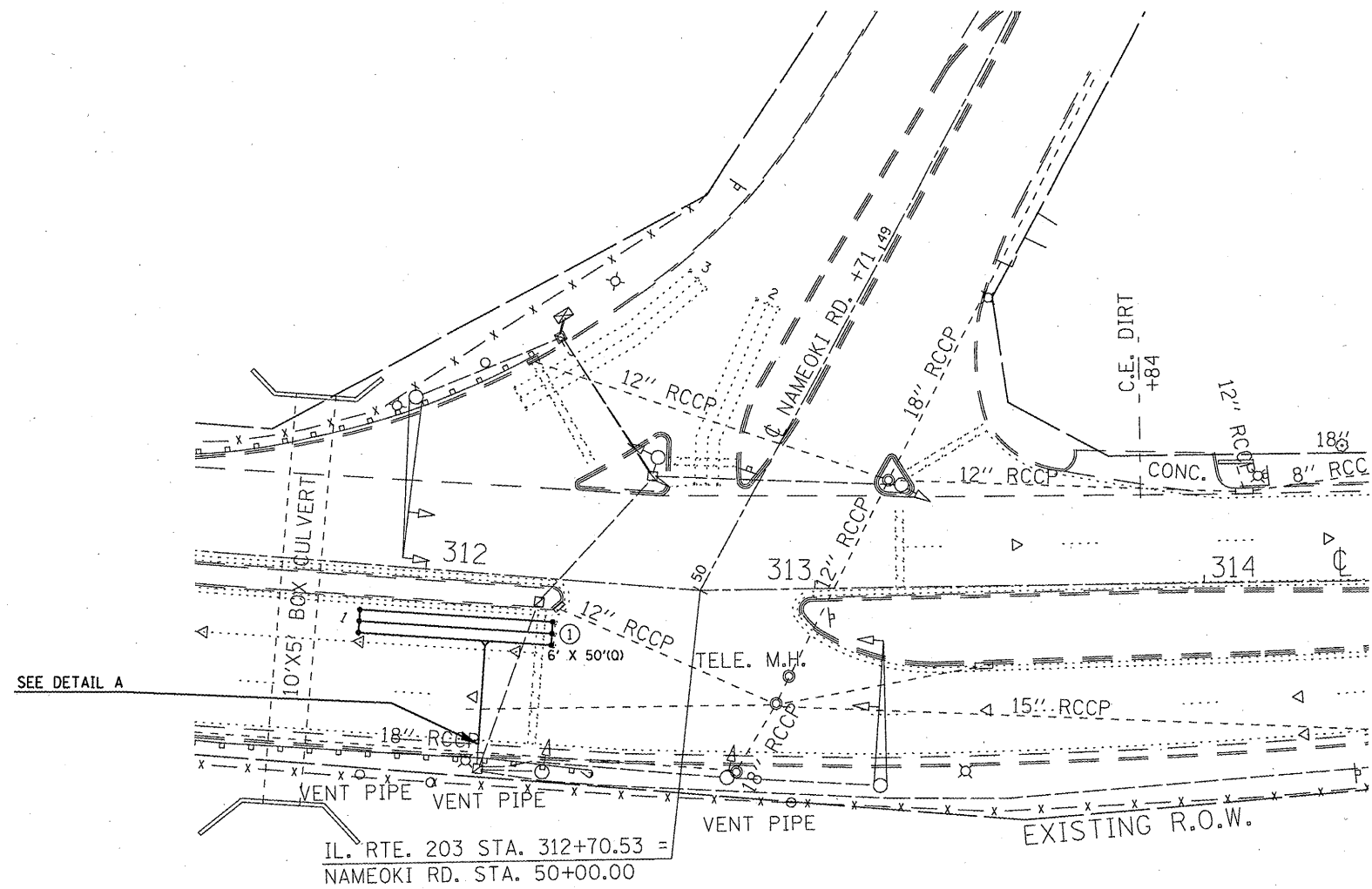
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PLOT DATE = #DATE#	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
20TH ST.**

SCALE: _____ SHEET NO. 6 OF 7 SHEETS STA. _____ TO STA. _____

F.A.P. RTE. 594	SECTION (61-63)_BS-3	COUNTY MADISON	TOTAL SHEETS 40	SHEET NO. 39
CONTRACT NO. 16871			FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT	



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
NAMEOKI RD.**

SCALE: _____ SHEET NO. 7 OF 7 SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
594	(61:63) BS:3	MADISON	40	40
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 76BZ1	