

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	132-1	MCHENRY	26	1
		ILLINOIS	CONTRACT NO. 60K67	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

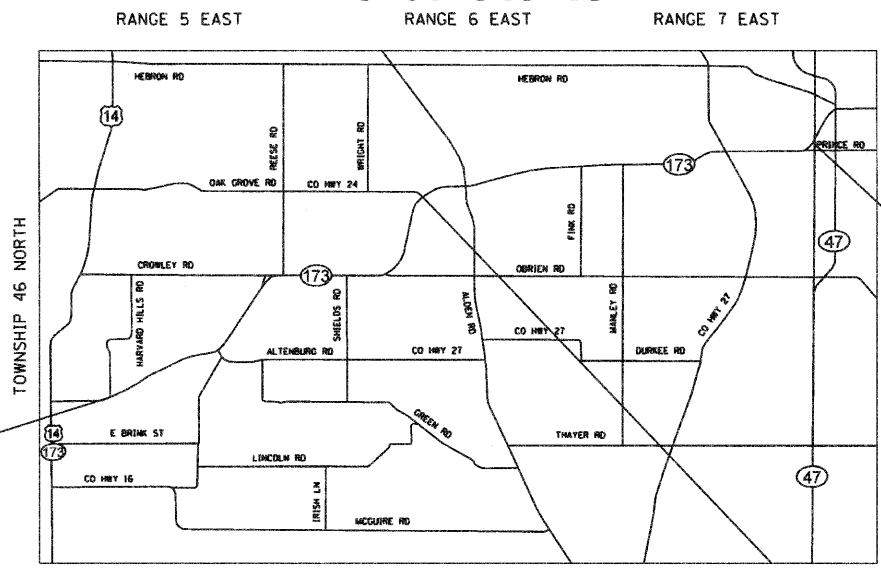
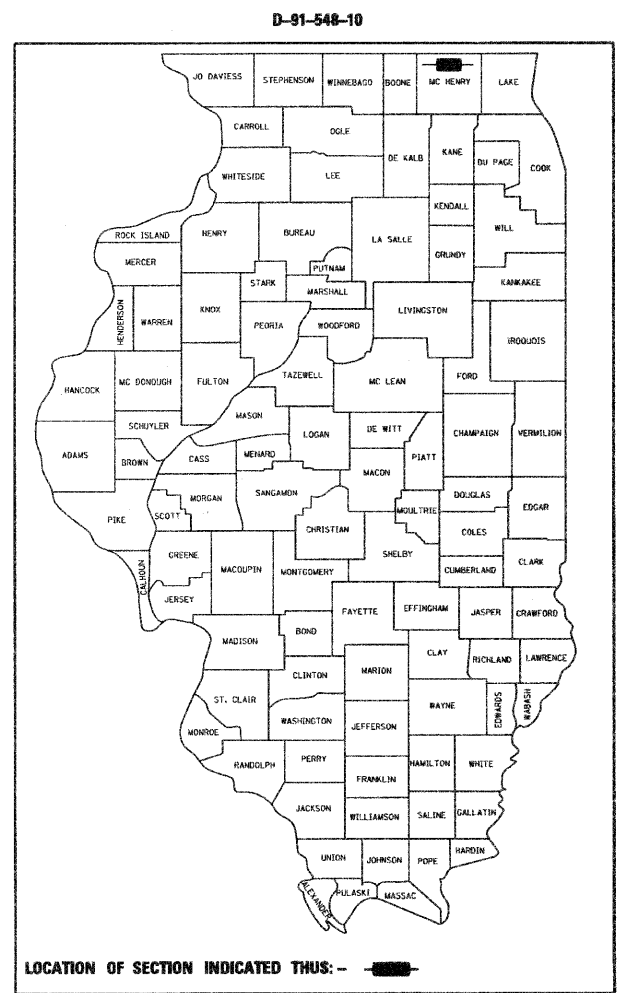
**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 303 (IL 173)
SECTION 132-1
HARVARD HILLS ROAD TO PRICE ROAD
NEW SHOULDERS, RUMBLE STRIP, GUARDRAIL
PROJECT: HSIP-0303(050)
McHENRY COUNTY
C-91-548-10

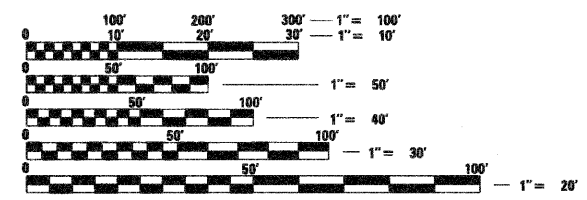
FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA
EXISTING ADT = 2,700 TO 3,350 (2007)
SPEED LIMIT = 45 - 55 MPH

THE IMPROVEMENT IS LOCATED WITHIN
UNINCORPORATED MCHENRY COUNTY,
THE CITY OF HARVARD AND VILLAGE OF HEBRON



CHEMUNG, ALDEN, HEBRON TOWNSHIPS
GROSS & NET LENGTH = 50,497 FT. = 9.56 MILES

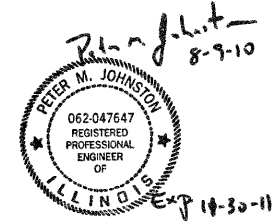
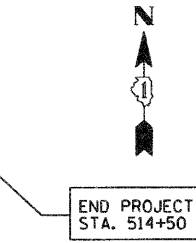


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: PETER JOHNSTON (GRAEF) 773-399-0112
PROJECT MANAGER: KEN ENG (IDOT) 847-705-4247

CONTRACT NO. 60K67



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED December 18, 2010

Diane M. O'Keefe, DE
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

December 10, 2010
Scott E. Stitt, P.E., PEI
acting ENGINEER OF DESIGN AND ENVIRONMENT

December 10, 2010
Christine M. Reader
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GRAEF 8501 W. Higgins Road; Suite 280
Chicago, Illinois 60631
(773) 399-0112

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX, GENERAL NOTES AND HIGHWAY STANDARDS
3	SUMMARY OF QUANTITIES
4	SCHEDULE OF QUANTITIES
5	TYPICAL SECTIONS
6-23	ROADWAY AND PAVEMENT MARKING PLANS
24	DETAILS FOR DEPRESSED CURB AND GUTTER AND SHOULDER TREATMENT AT TBT TY 1 SPL (BD34)
25	TRAFFIC CONTROL AND PROTECTION FOR SIDEROADS, INTERSECTIONS AND DRIVEWAYS (TC10)
26	TEMPORARY INFORMATION SIGNING (TC22)

HIGHWAY STANDARDS	
STD. NO.	TITLE
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
630001-09	STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
642001-01	SHOULDER RUMBLE STRIPS
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-02	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT

- GENERAL NOTES**
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 OR "CUAN" (CHICAGO UTILITY ALERT NETWORK), 312-744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES (48 HOUR NOTIFICATION IS REQUIRED).
 - THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND LOCAL AGENCIES.
 - THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
 - THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
 - WHEN GUARDRAIL POSTS ARE PLACED BEHIND CONCRETE HEADWALLS, THE POSTS SHALL NOT BE PLACED TO BLOCK THE DRAINAGE OPENING.
 - WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 MM) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
 - FOR PAVEMENT MARKING, REFER TO DISTRICT ONE TYPICAL MARKINGS FOR DETAILS NOT SHOWN.
 - THE RESIDENT ENGINEER SHALL CONTACT DEBBIE HANLON, AREA TRAFFIC FIELD ENGINEER, AT 847-438-2300 AT LEAST (2) WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS.

SUMMARY OF QUANTITIES

90% FED.
10% STATE

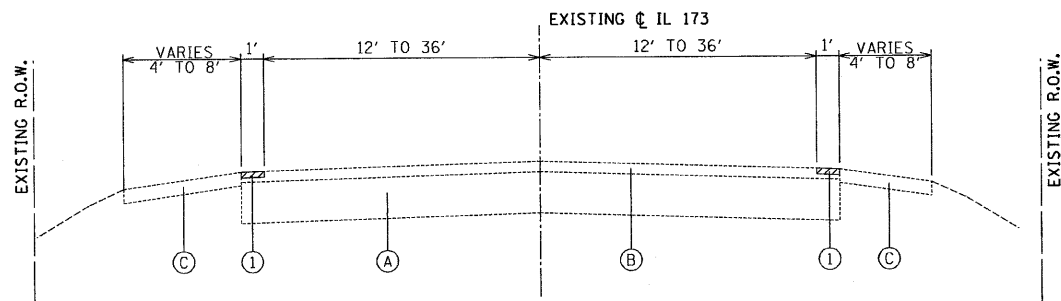
PAY ITEM NUMBER	DESCRIPTION	UNIT	URBAN TOTAL QUANTITY	0021 McHENRY COUNTY
20200600	EXCAVATING AND GRADING SHOULDER	UNIT	768	768
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	30	30
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	4,140	4,140
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	8,537	8,537
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	76,832	76,832
48101620	AGGREGATE SHOULDERS, TYPE B 10"	SQ YD	1,629	1,629
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1,434	1,434
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	36,965	36,965
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	25	25
63200310	GUARDRAIL REMOVAL	FOOT	632	632
64200105	SHOULDER RUMBLE STRIPS	FOOT	82,917	82,917
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6
67100100	MOBILIZATION	L SUM	1	1
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1
* 72000100	SIGN PANEL - TYPE 1	SQ FT	1,120	1,120
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	93	93
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	24	24
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	1,581	1,581
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	88,023	88,023
78200420	GUARDRAIL MARKERS, TYPE B	EACH	29	29
78201000	TERMINAL MARKER DIRECT APPLIED	EACH	25	25
Δ X2503100	MOWING	UNIT	87	87
X0925917	Turf ESTABLISHMENT	SQ YD	862	862
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	591	591
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	852	852
25000210	SEEDING, CLASS 2A	ACRE	0.18	0.18
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	16	16
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	16	16
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	16	16
25100630	EROSION CONTROL BLANKET	SQ YD	852	852

* Specialty Items

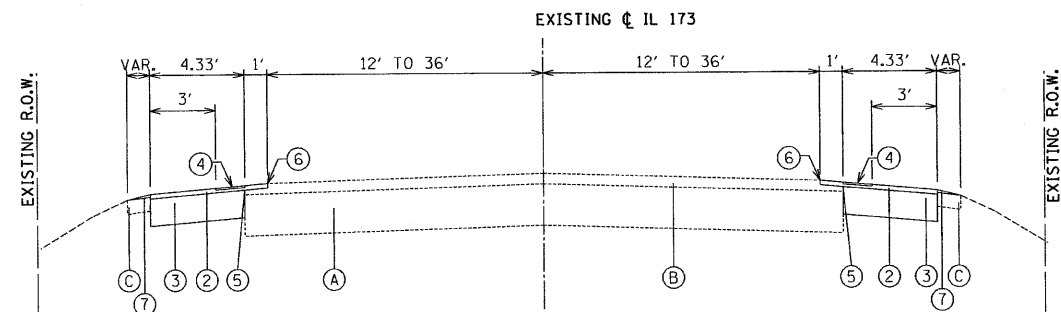
Δ = NON-PARTICIPATING

Rev.

FILE NAME *	USER NAME * USER.	DESIGNED - EF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 173 - HARVARD HILLS ROAD TO PRICE ROAD SUMMARY OF QUANTITIES			F.A.P. RTE. 303	SECTION 132-1	COUNTY McHENRY	TOTAL SHEETS 26	SHEET NO. 3
#FILEL#	PLOT SCALE * 1/8" = 1' IN.	DRAWN - EF	REVISED -		SCALE: 50	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
	PLOT DATE * 10/20/2010	CHECKED - RS	REVISED -									
		DATE - 08-10-2010	REVISED -									



EXISTING TYPICAL SECTION
STA. 9+53 TO STA. 510+00



PROPOSED TYPICAL SECTION
STA. 9+53 TO STA. 510+00

EXISTING CONDITIONS:

- (A) HOT-MIX ASPHALT BASE COURSE, 9"
- (B) HOT-MIX ASPHALT SURFACE, 2 1/4"
- (C) AGGREGATE SHOULDERS

ITEMS TO BE REMOVED

PROPOSED IMPROVEMENTS:

- ① HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70, 2"
- ③ HOT-MIX ASPHALT SHOULDERS, 6" (IN 2 LIFTS)
- ④ SHOULDER RUMBLE STRIPS
- ⑤ STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4"
- ⑦ AGGREGATE WEDGE SHOULDER, TYPE B

NOTE:

IN NARROW AREAS WITH GUARDRAIL (LESS THAN 3'), THE RUMBLE STRIP SHOULD BE 8" WIDE

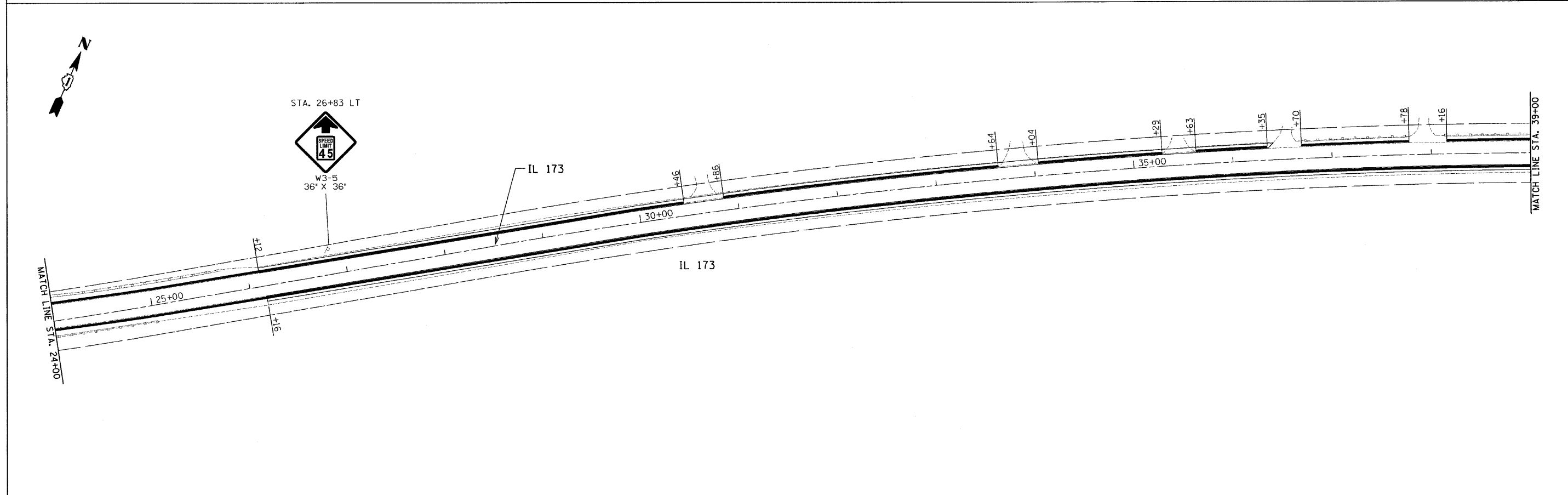
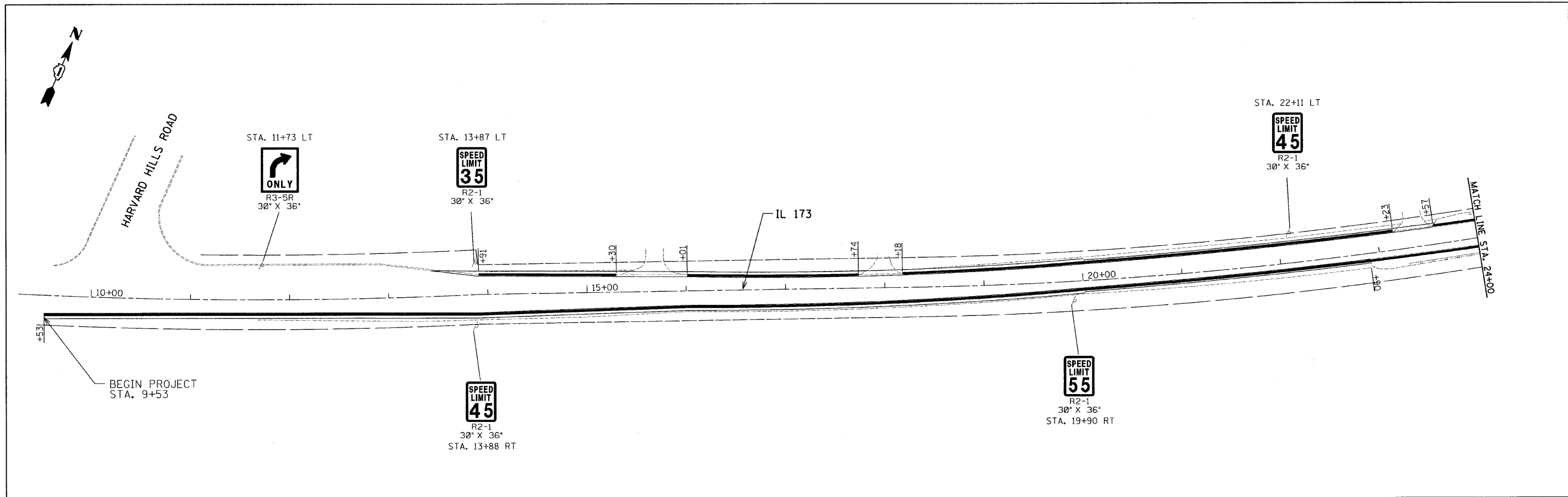
HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm) - 2"	4% @ 70 GYR
HOT-MIX ASPHALT SHOULDERS, 6" (HMA BINDER COURSE, IL-19mm) (IN 2 LIFTS)	4% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE IS 112 LBS/SQ YD/IN.

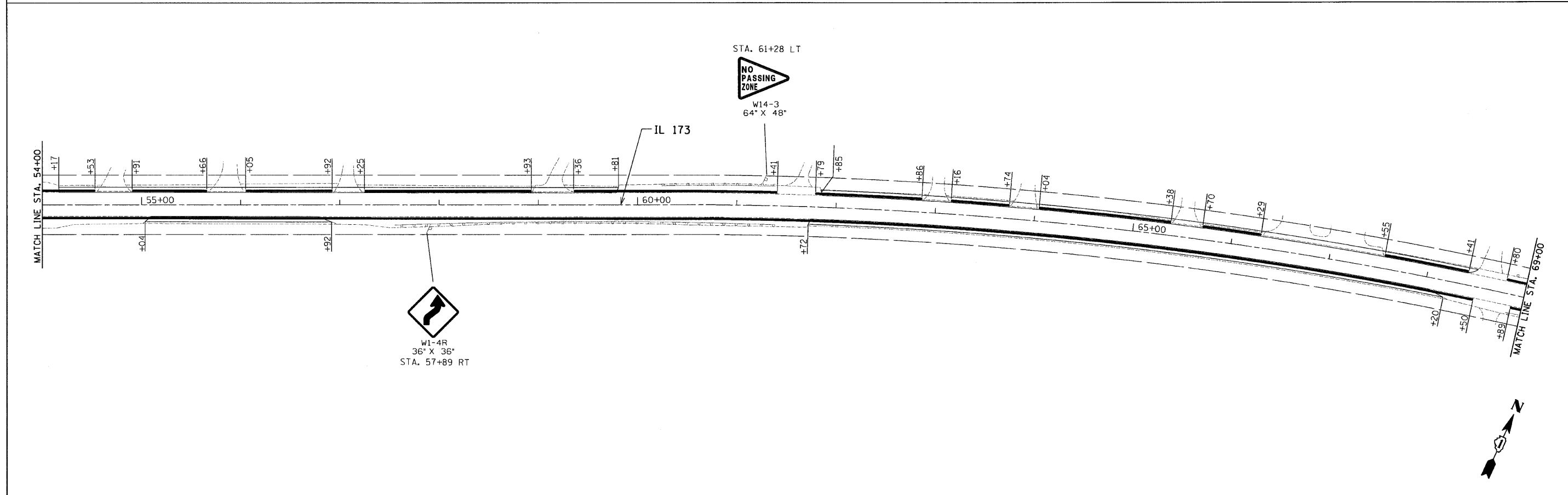
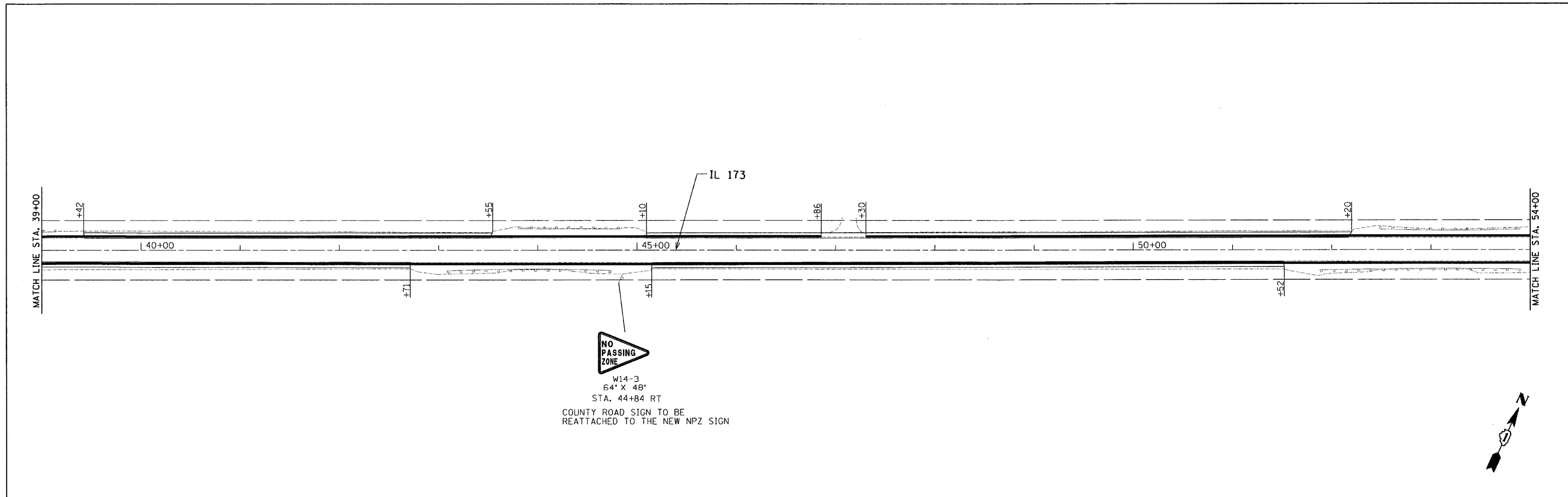
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

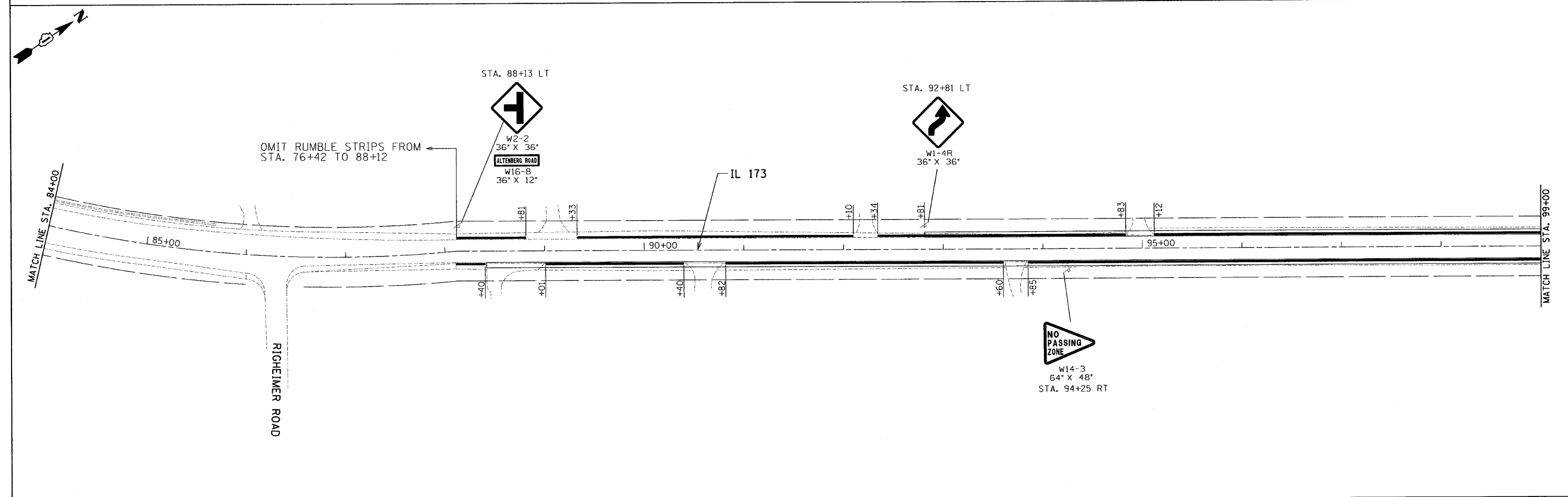
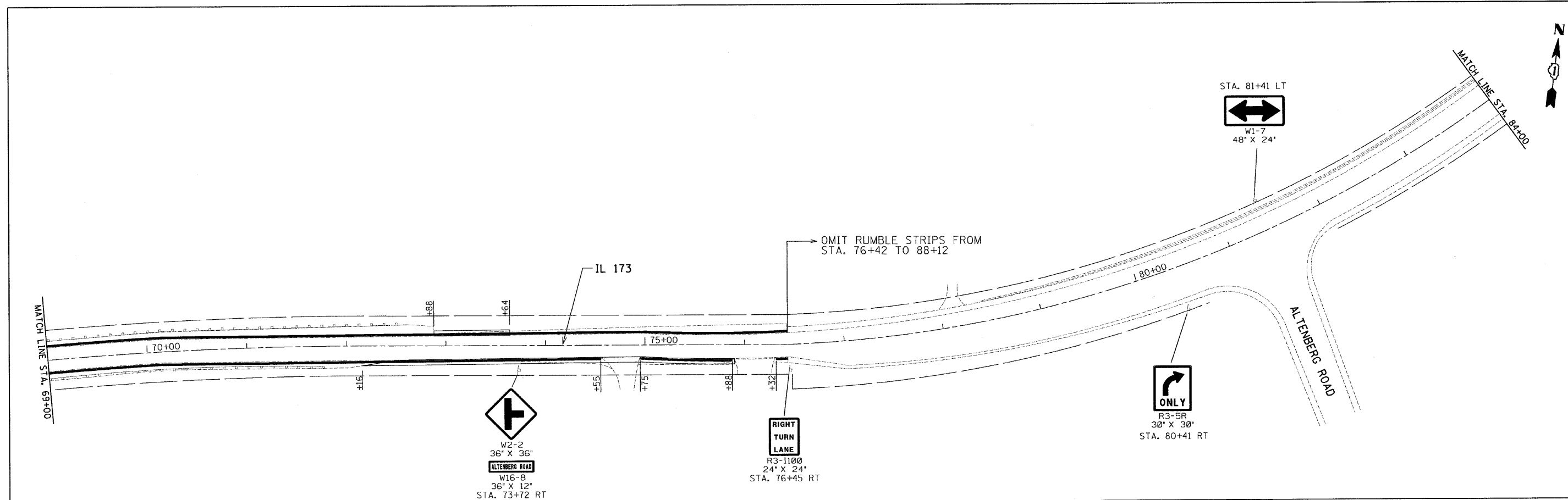
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		DATE - 08-10-2010	REVISED -									



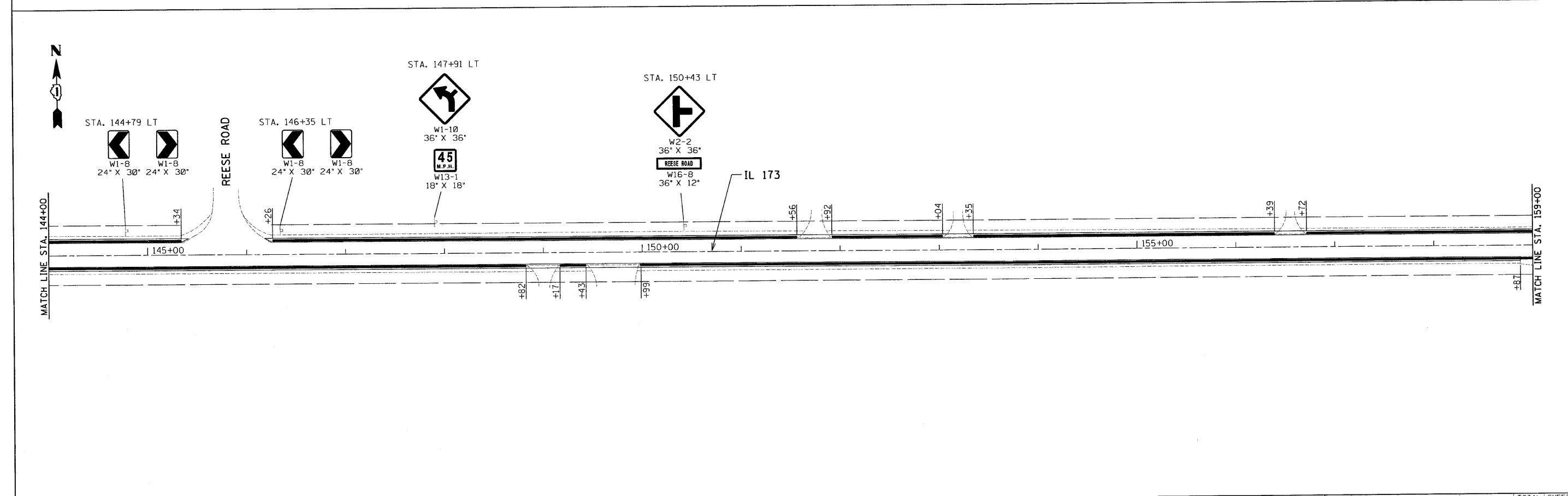
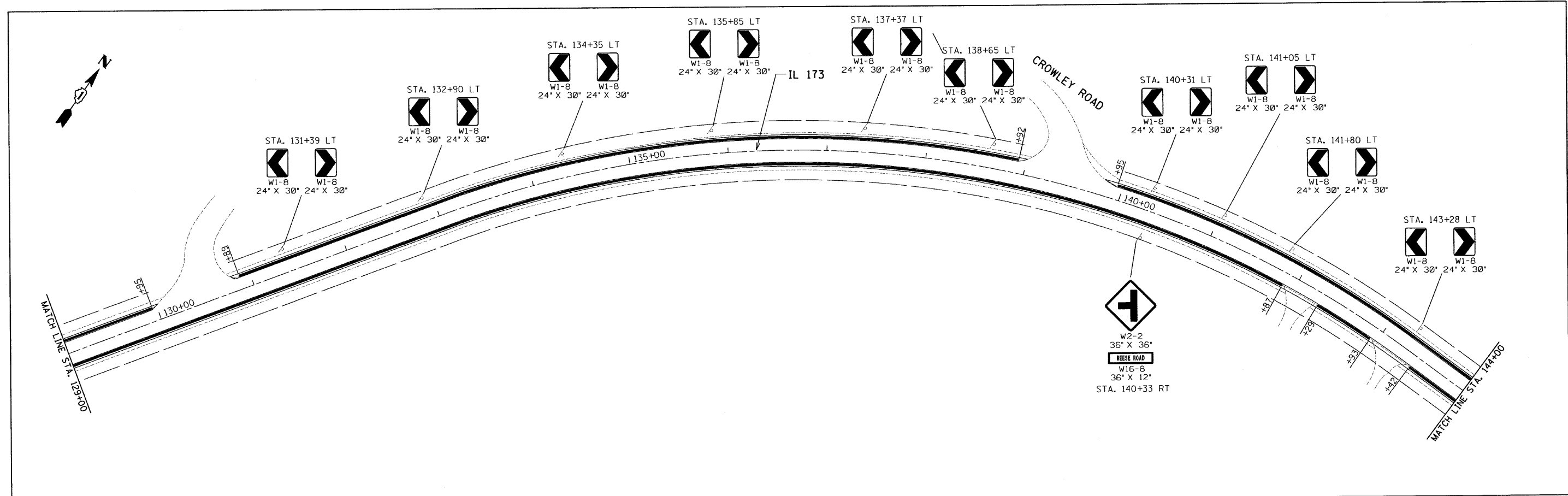
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		DATE - 08-10-2010	REVISED -		ILLINOIS FED. AID PROJECT							
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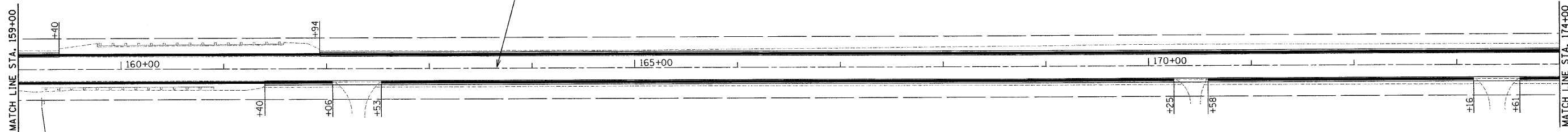
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	DATE - 08-10-2010	REVISED -		SCALE: 50	SHEET NO. 2 OF 18 SHEETS	STA. 39+00 TO STA. 69+00					



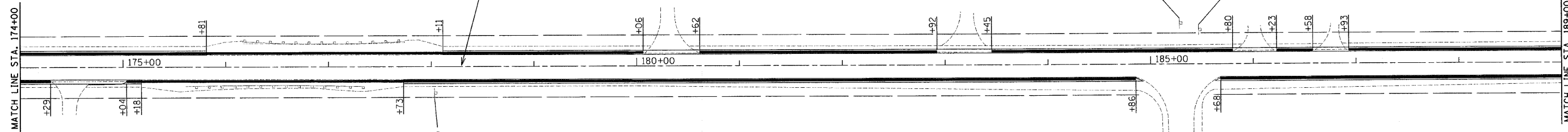
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PLOT DATE = 8/9/2010	DATE = 08-10-2010	REVISED -	REVISED -									



W14-3
64" X 48"
STA. 159+24 RT



W2-2
36" X 36"
SHIELDS ROAD
W16-8
36" X 12"
STA. 178+04 RT

STA. 185+29 LT



W1-7
48" X 24"

STA. 185+48 LT



W14-3
64" X 48"

SHIELDS ROAD

FILE NAME =
*FILEL6

USER NAME = USER

DESIGNED - EF

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PLOT SCALE = 50.0000' / IN.

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PLOT DATE = 8/9/2010

DATE - 08-10-2010

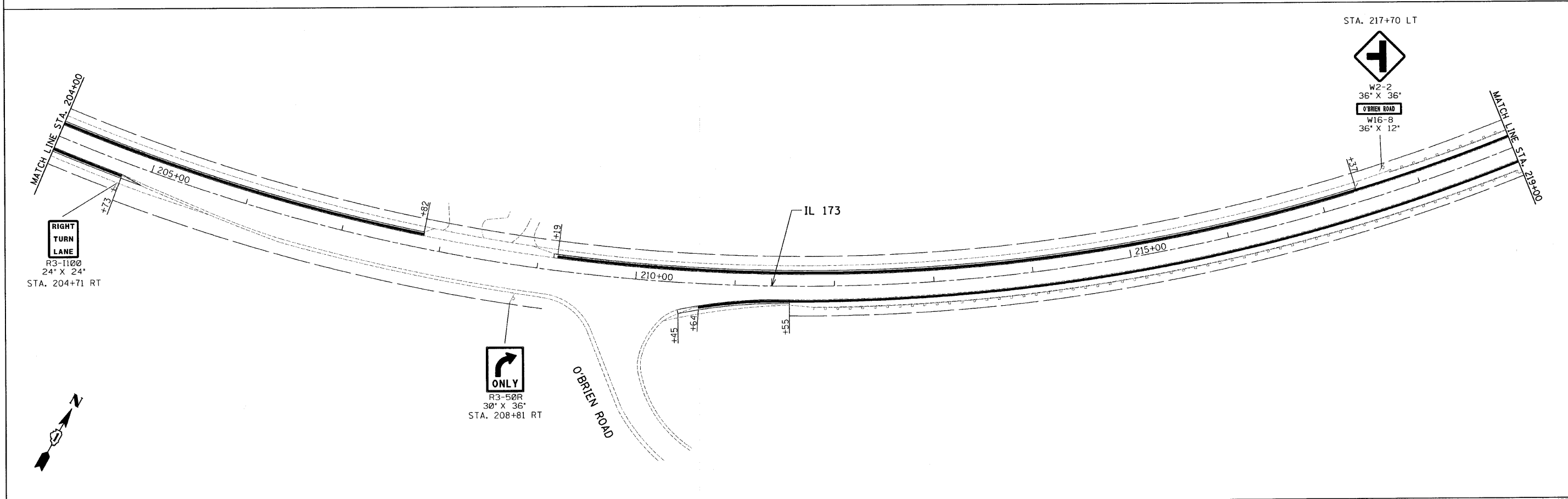
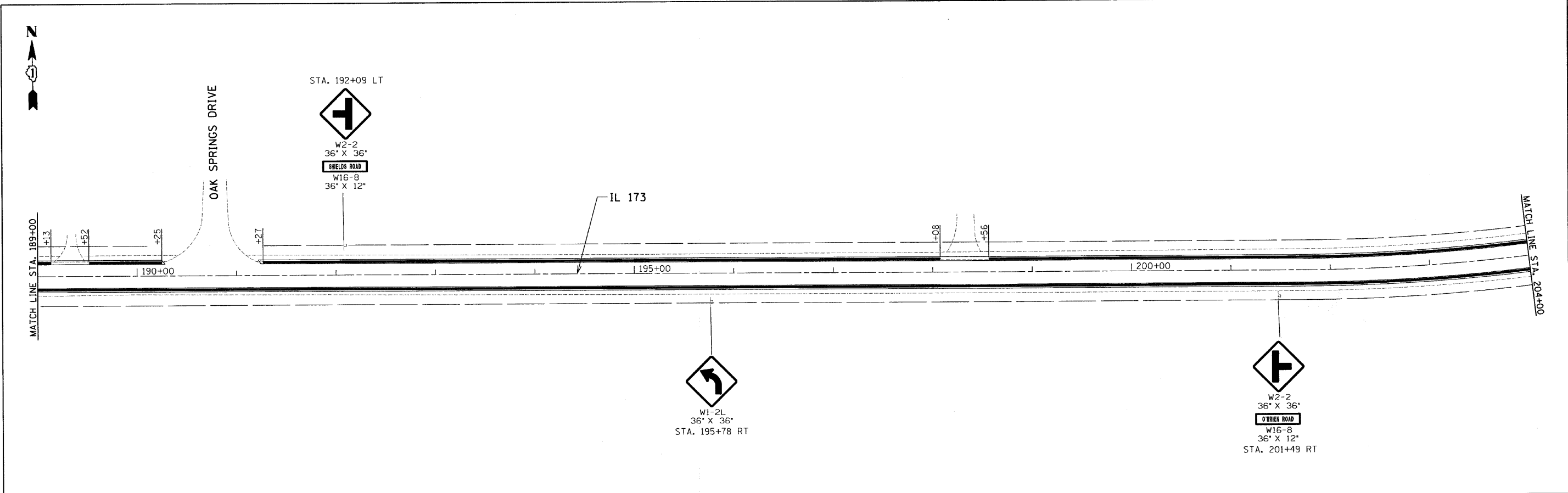
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DEPARTMENT OF TRANSPORTATION

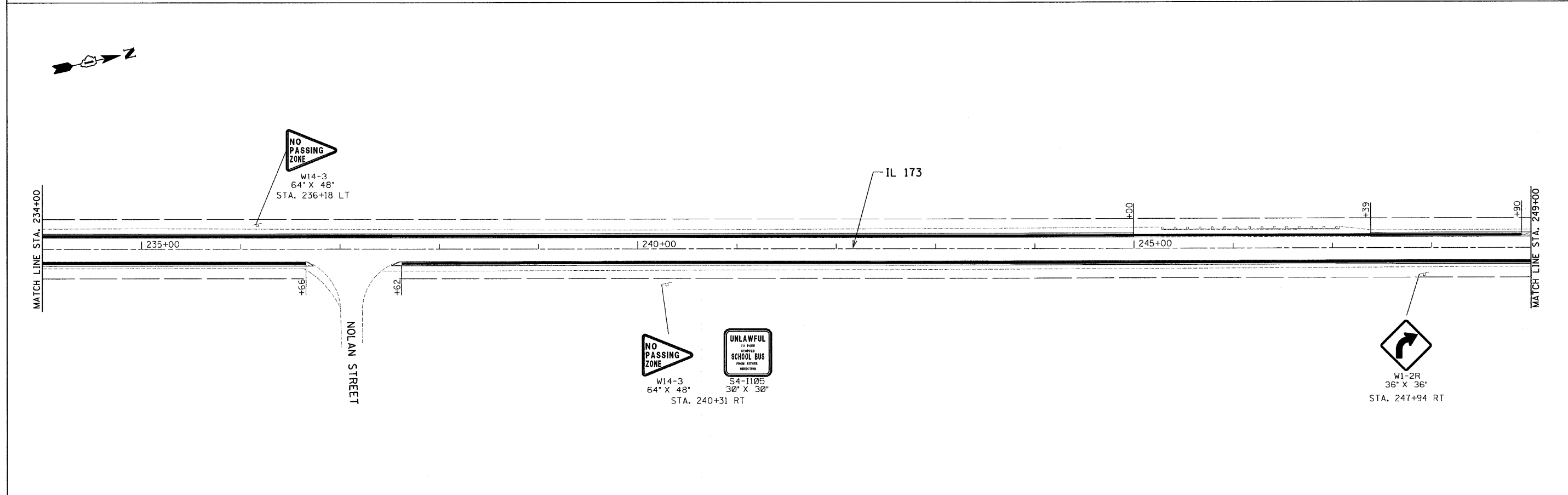
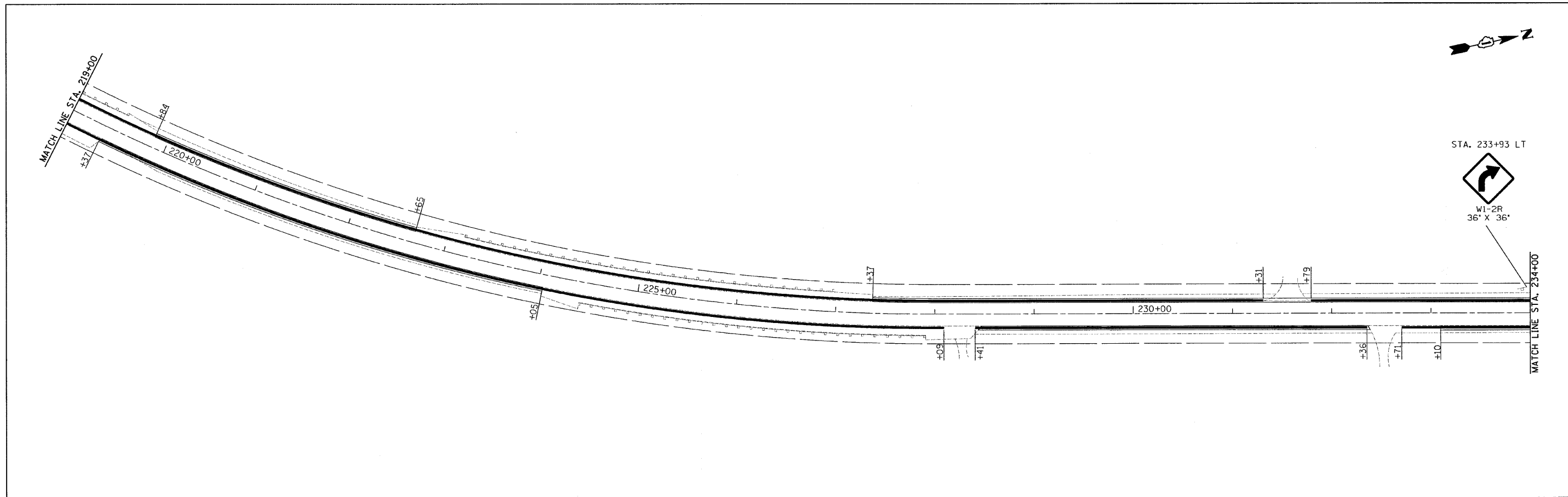
IL 173 - HARVARD HILLS ROAD TO PRICE ROAD
ROADWAY PLANS

SCALE: 50 SHEET NO. 6 OF 18 SHEETS STA. 159+00 TO STA. 189+00

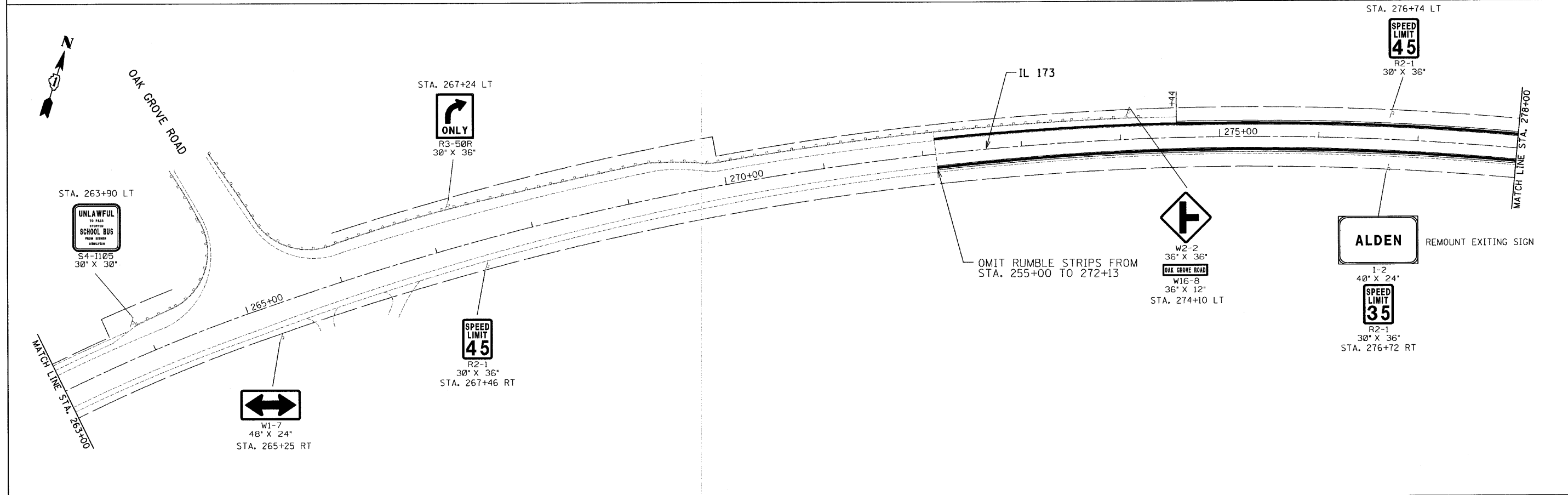
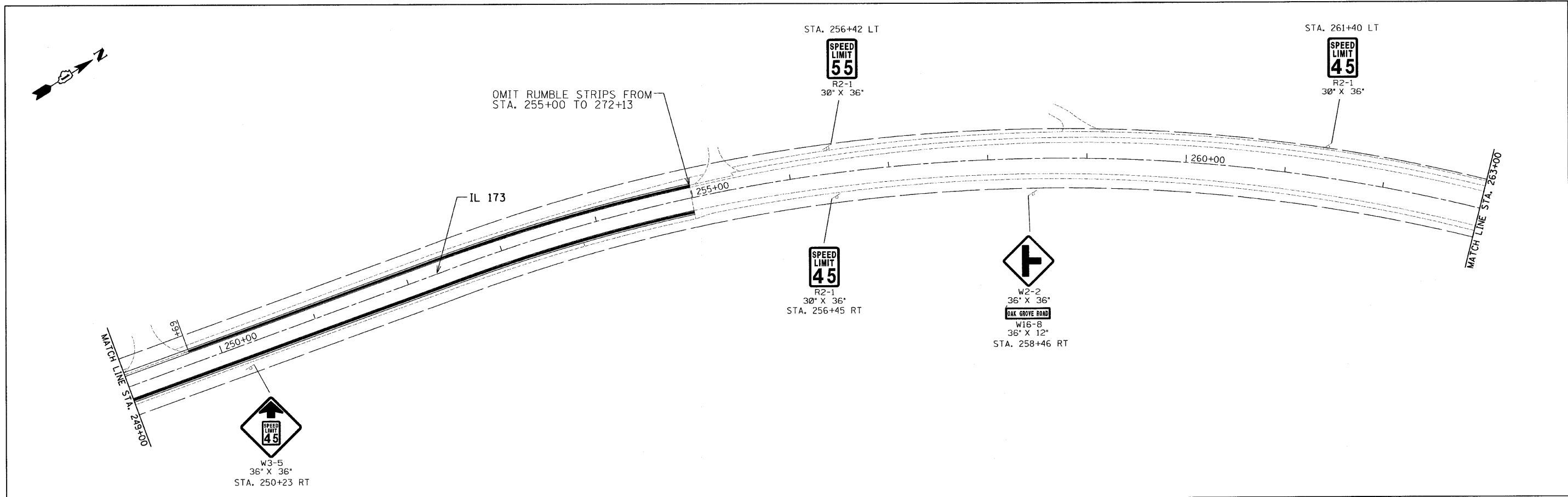
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	132-1	MCHEMRY	26	11
CONTRACT NO. 60K67				
ILLINOIS FED. AID PROJECT				



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	PLOT DATE = 8/9/2010	CHECKED - RS	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 08-10-2010	REVISED -									



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	PLOT DATE = 8/9/2010	CHECKED - RS	REVISED -			ILLINOIS FED. AID PROJECT					
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		DATE - 08-10-2010	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: 50 SHEET NO. 9 OF 18 SHEETS STA. 249+00 TO STA. 278+00

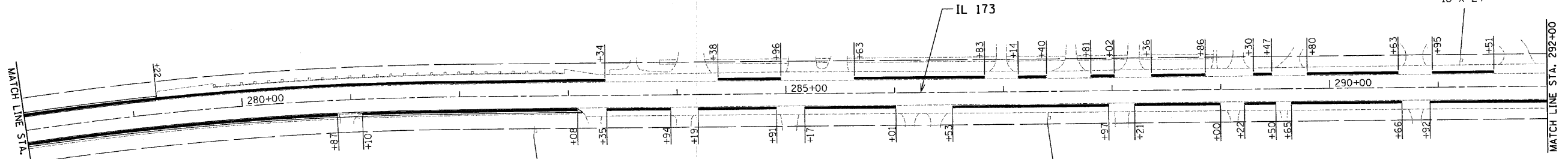


STA. 291+22 LT

SPEED LIMIT 35
R2-1
30" X 36"

NO PARKING OR STOPPING
R8
18" X 24"

REMOUNT EXITING SIGN



NO PASSING ZONE
W14-3
64" X 48"

STA. 282+70 RT

ALDEN ROAD
W3-1
36" X 36"

W16-8
36" X 12"

STA. 287+43 RT
REPLACE SIGN ONLY

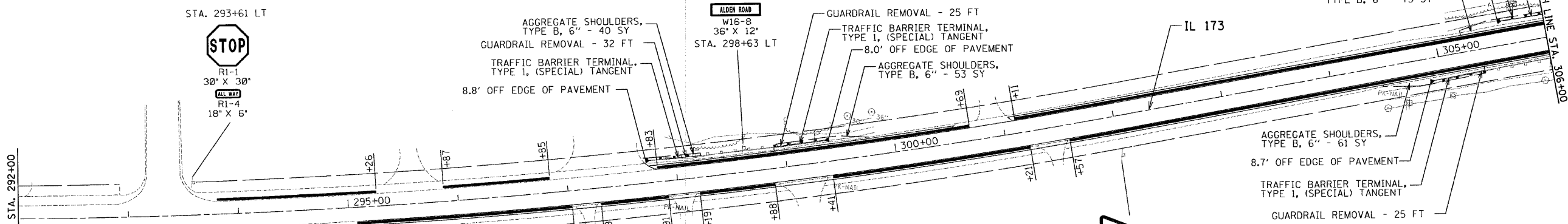


REPLACE SIGN ONLY

ALDEN ROAD
W3-1
36" X 36"

W16-8
36" X 12"

STA. 298+63 LT



STA. 293+61 LT

STOP
R1-1
30" X 30"

ALL WAY
R1-4
18" X 6"

STOP
R1-1
30" X 30"

ALL WAY
R1-4
18" X 6"

STA. 292+87 RT

SPEED LIMIT 35
R2-1
30" X 36"

NO PARKING OR STOPPING
R8
18" X 24"

REMOUNT EXITING SIGN

STA. 294+74 RT

NO PASSING ZONE
W14-3
64" X 48"

STA. 302+03 RT

FILE NAME = #FILE#	USER NAME = .USER.	DESIGNED - EF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 173 - HARVARD HILLS ROAD TO PRICE ROAD ROADWAY PLANS			F.A.P. RTE. 303	SECTION 132-1	COUNTY McHENRY	TOTAL SHEETS 26	SHEET NO. 15				
	PLOT SCALE = 50.0000' / IN.	CHECKED - RS	REVISED -					SCALE: 50	SHEET NO. 10 OF 18 SHEETS	STA. 278+00 TO STA. 306+00	CONTRACT NO. 60K67		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 8/9/2010	DATE - 08-10-2010	REVISED -													

STA. 306+05 LT

ALDEN REMOUNT EXITING SIGN

I-2
40" X 24"
SPEED LIMIT 35

R2-1
30" X 36"

SPEED LIMIT 55

R2-1
30" X 36"

STA. 306+02 RT

STA. 312+92 LT

W3-5
36" X 36"

IL 173

GUARDRAIL REMOVAL - 25 FT
TRAFFIC BARRIER TERMINAL, TYPE 1, (SPECIAL) TANGENT
9.5' OFF EDGE OF PAVEMENT
AGGREGATE SHOULDERS, TYPE B, 6" - 71 SY

AGGREGATE SHOULDERS, TYPE B, 6" - 60 SY
8.5' OFF EDGE OF PAVEMENT
TRAFFIC BARRIER TERMINAL, TYPE 1, (SPECIAL) TANGENT
GUARDRAIL REMOVAL - 25 FT

MATCH LINE STA. 306+00

MATCH LINE STA. 321+00



STA. 322+21 LT

NO PASSING ZONE

W14-3
64" X 48"

IL 173

GUARDRAIL REMOVAL - 25 FT
TRAFFIC BARRIER TERMINAL, TYPE 1, (SPECIAL) TANGENT
9.9' OFF EDGE OF PAVEMENT
AGGREGATE SHOULDERS, TYPE B, 6" - 78 SY

AGGREGATE SHOULDERS, TYPE B, 6" - 62 SY
9.2' OFF EDGE OF PAVEMENT
TRAFFIC BARRIER TERMINAL, TYPE 1, (SPECIAL) TANGENT
GUARDRAIL REMOVAL - 25 FT

AGGREGATE SHOULDERS, TYPE B, 6" - 60 SY
9.0' OFF EDGE OF PAVEMENT
TRAFFIC BARRIER TERMINAL, TYPE 1, (SPECIAL) TANGENT
GUARDRAIL REMOVAL - 25 FT

MATCH LINE STA. 321+00

MATCH LINE STA. 335+00



W1-2R
36" X 36"
STA. 322+33 RT

FILE NAME =
FILEL

USER NAME = .USER.

DESIGNED - EF

REVISED -

DRAWN - EF

REVISED -

CHECKED - RS

REVISED -

DATE - 08-10-2010

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

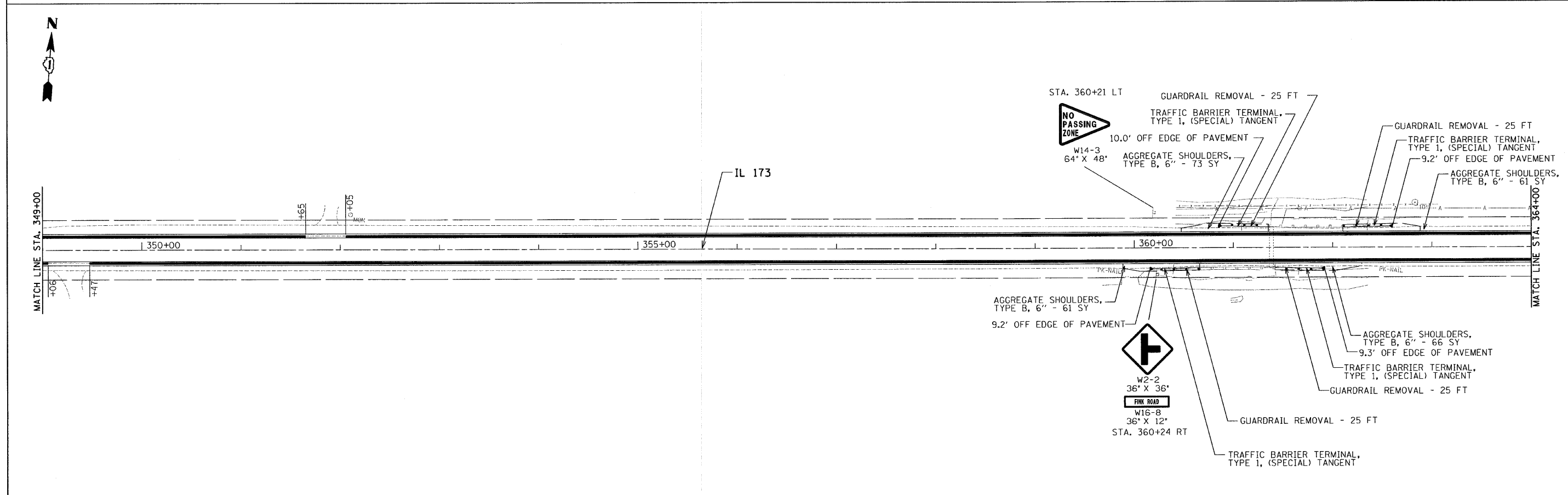
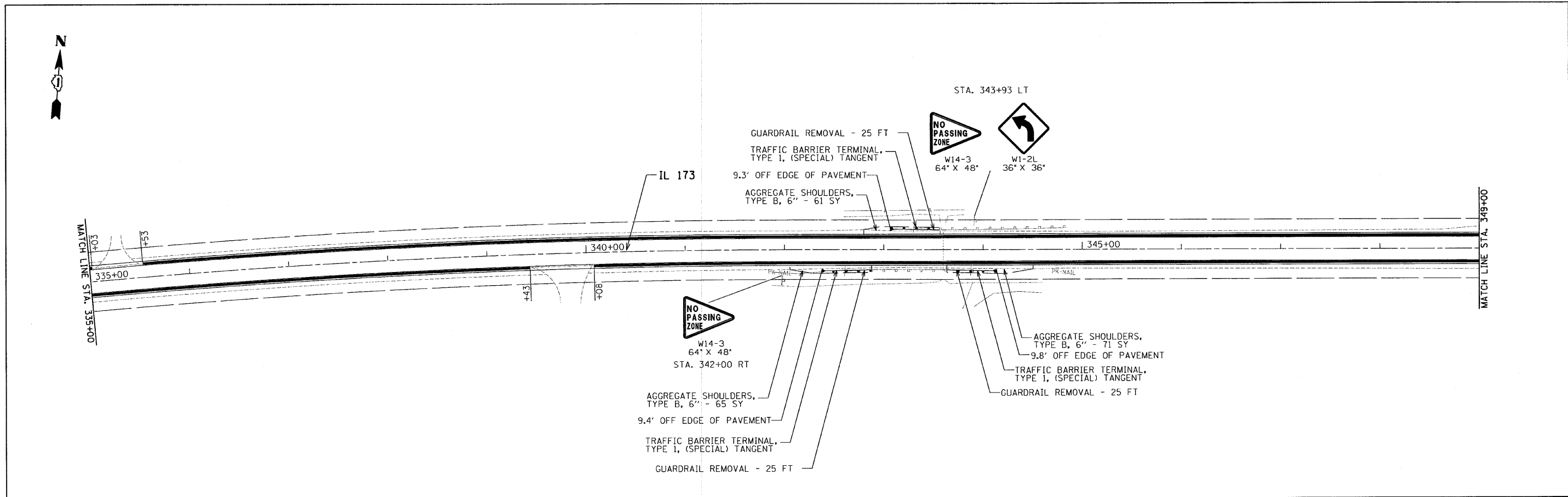
**IL 173 - HARVARD HILLS ROAD TO PRICE ROAD
ROADWAY PLANS**

SCALE: 50

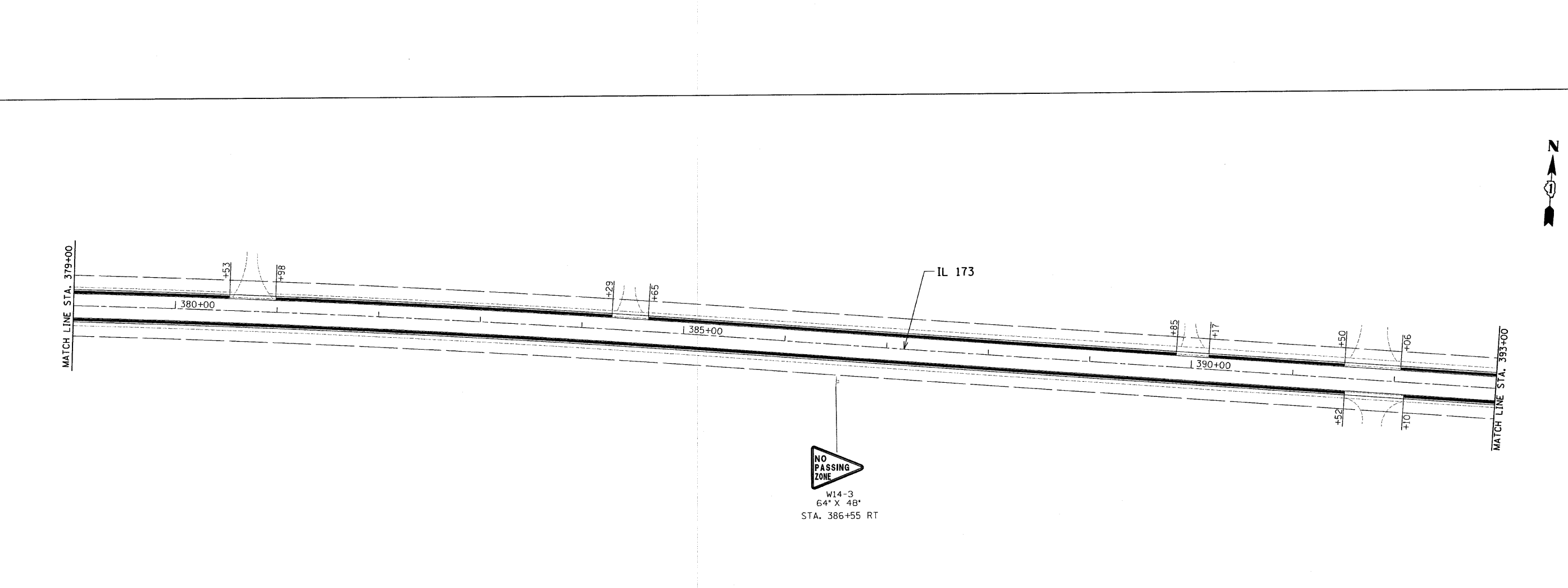
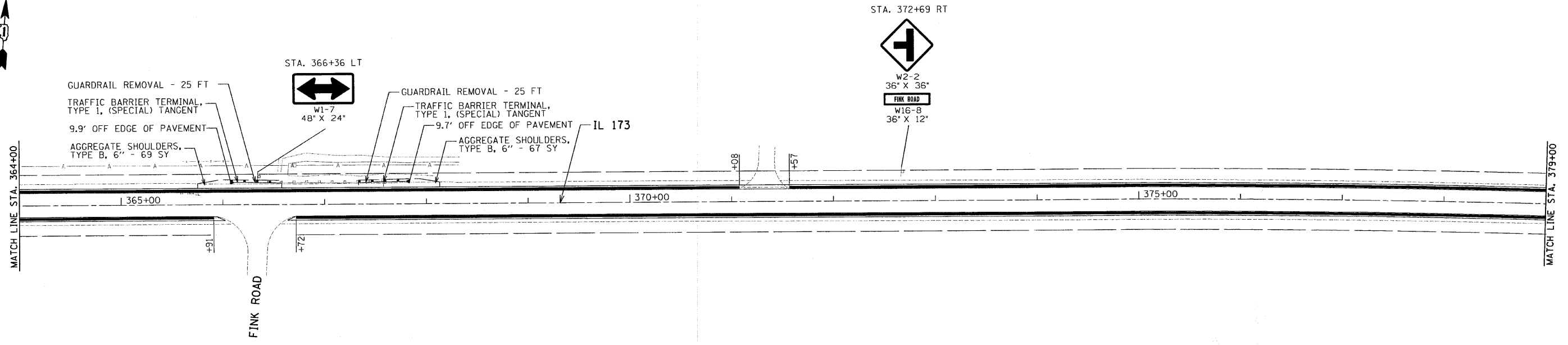
SHEET NO. 11 OF 18 SHEETS

STA. 306+00 TO STA. 335+00

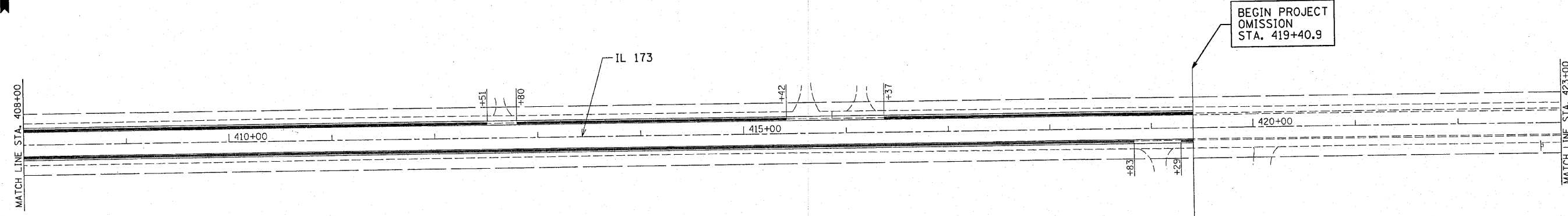
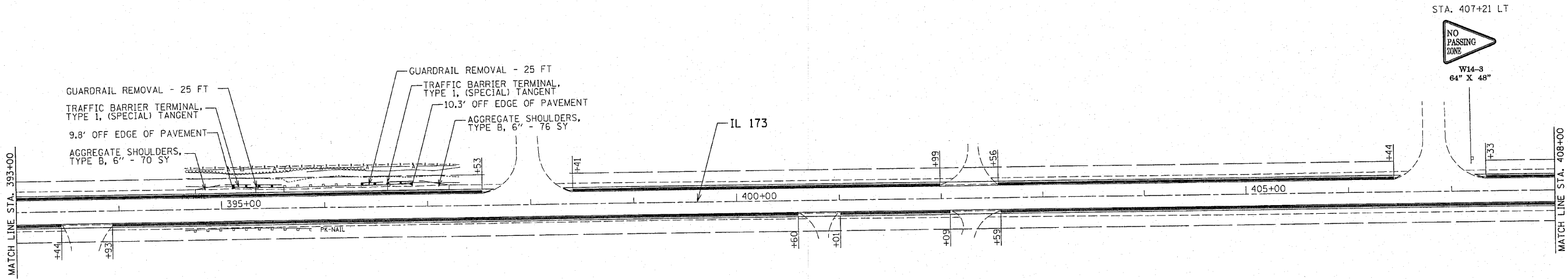
F.A.P. RTE. 303	SECTION 132-1	COUNTY McHENRY	TOTAL SHEETS 26	SHEET NO. 16
CONTRACT NO. 60K67				
ILLINOIS FED. AID PROJECT				



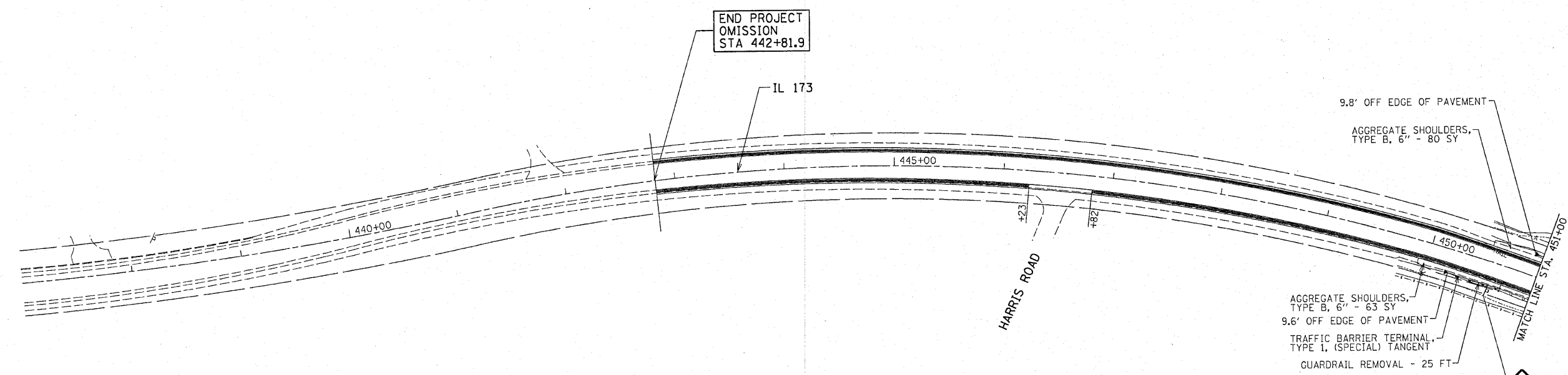
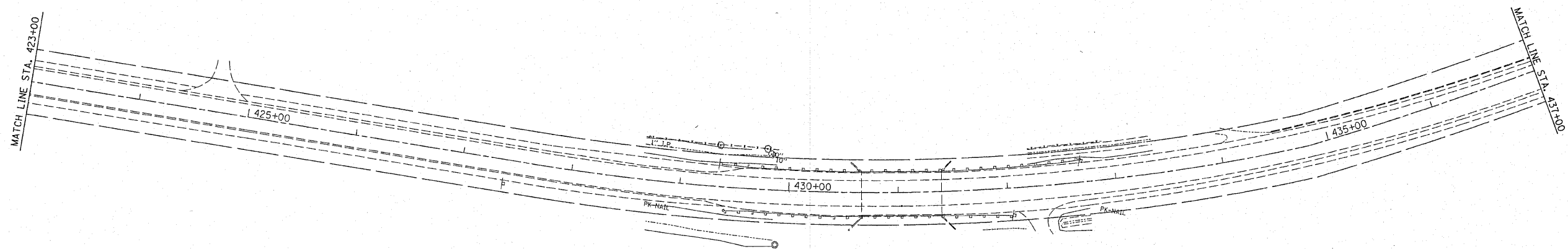
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*FILEL#	PLOT SCALE = 50.0000' / IN.	DRAWN - EF	REVISED -			SCALE: 50	SHEET NO. 12 OF 18 SHEETS	STA. 335+00 TO STA. 364+00	CONTRACT NO. 60K67			
	PLOT DATE = 8/9/2010	CHECKED - RS	REVISED -			[ILLINOIS] FED. AID PROJECT						
		DATE - 08-10-2010	REVISED -									



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	PLOT SCALE = 50.0000' / IN.	CHECKED - RS	REVISED -				303	132-I	MCHEMRY	26	18
PLOT DATE = 8/9/2010	DATE - 08-10-2010	REVISED -	REVISED -	SCALE: 50		SHEET NO. 13 OF 18 SHEETS		STA. 364+00 TO STA. 393+00		CONTRACT NO. 60K67	
ILLINOIS FED. AID PROJECT											

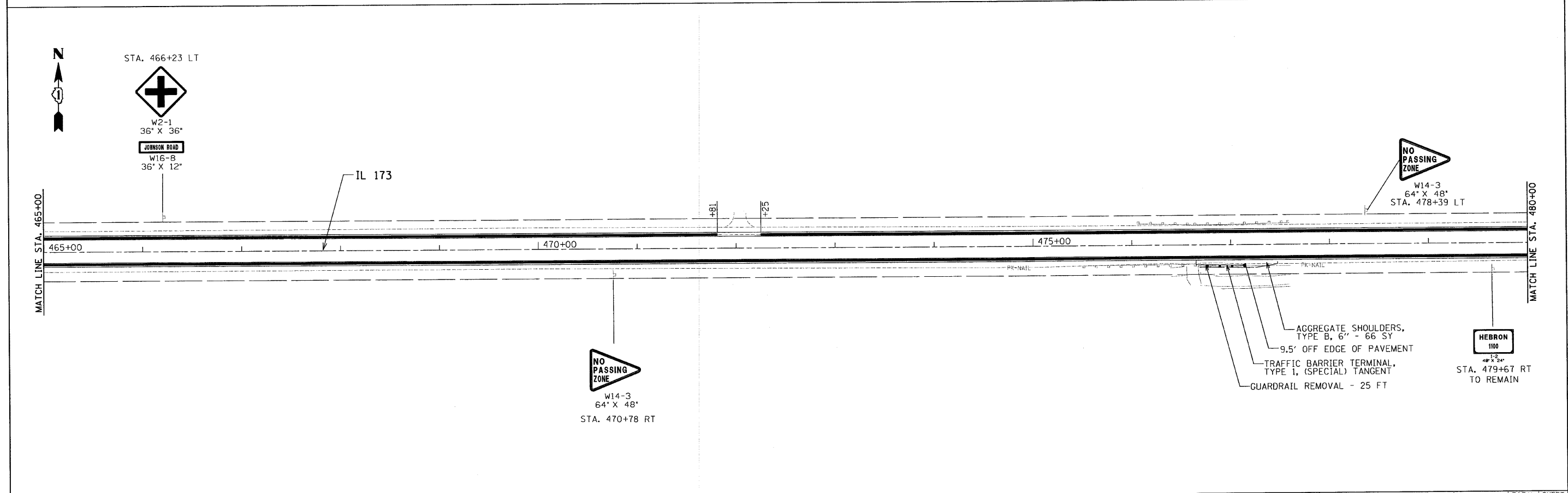
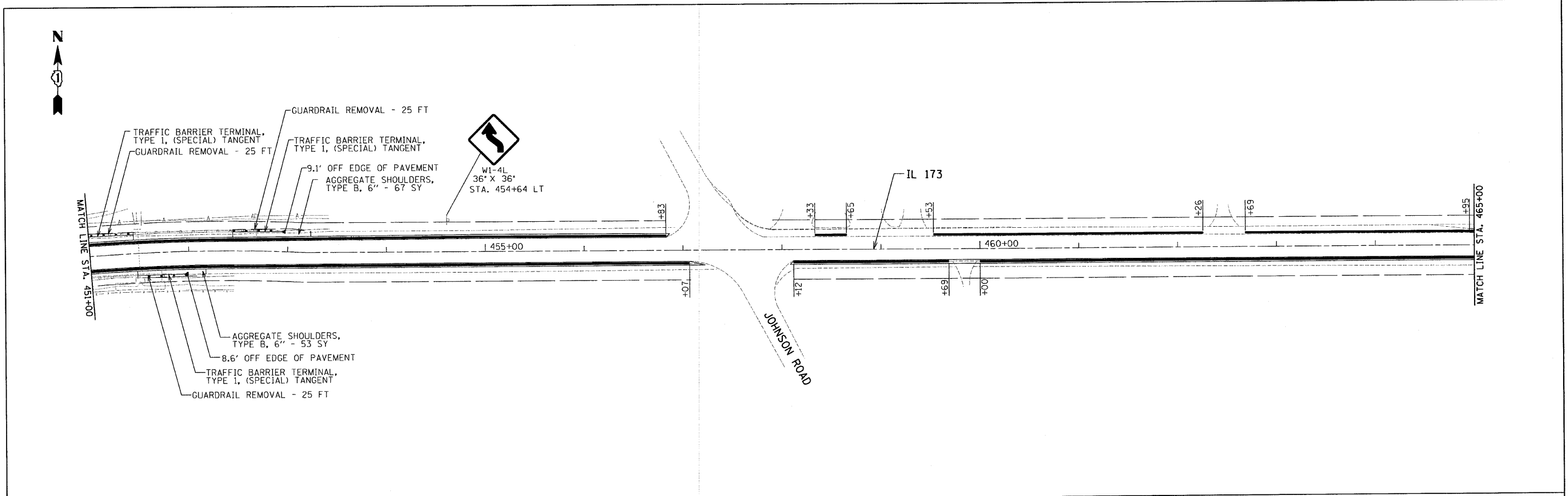


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	PLOT SCALE = 100.0000' / IN.	DRAWN - EF	REVISED -		SCALE: 50	SHEET NO. 14 OF 18 SHEETS	STA. 393+00 TO STA. 423+00	303	132-I	McHENRY	26	19
	PLOT DATE = 10/20/2010	CHECKED - RS	REVISED -		CONTRACT NO. 60K67							
		DATE - 08-10-2010	REVISED -		ILLINOIS FED. AID PROJECT							

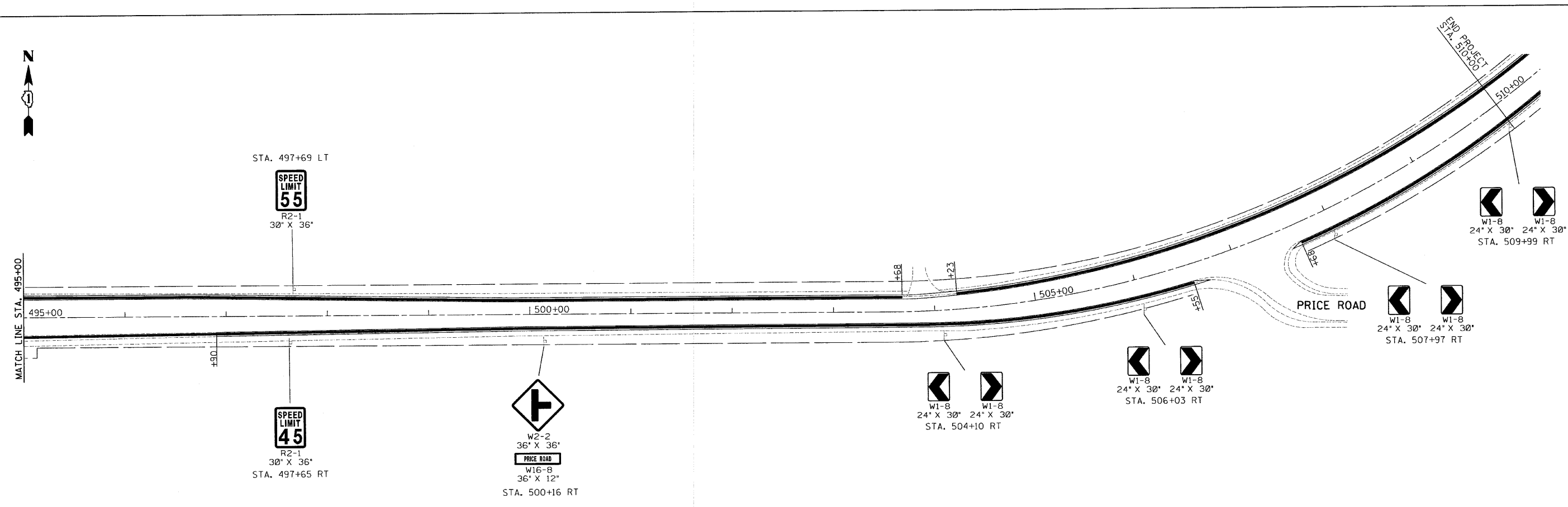
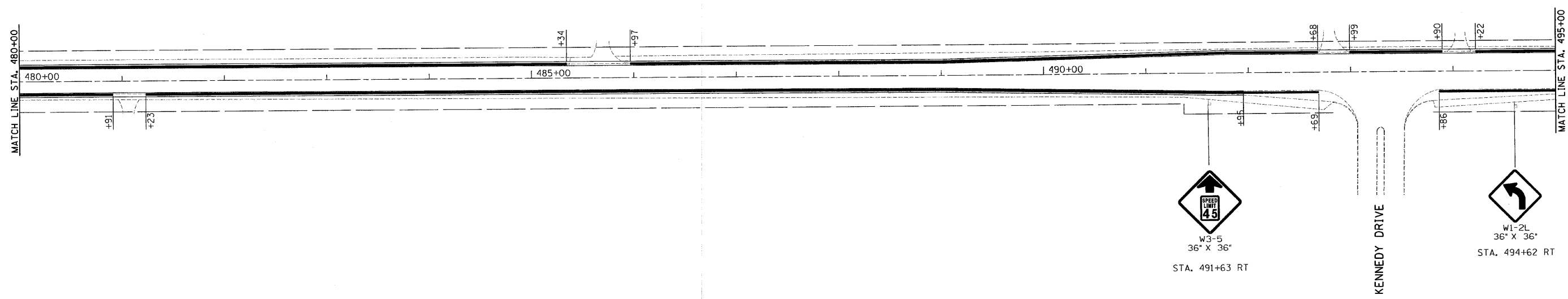


W2-1
36" X 36"
W16-8
36" X 12"
STA. 450+63 RT

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	PLOT SCALE = 100.0000' / IN.	CHECKED - RS	REVISED -		SCALE: 50	SHEET NO. 15 OF 18 SHEETS	STA. 423+00 TO STA. 451+00	ILLINOIS FED. AID PROJECT					
	PLOT DATE = 10/20/2010	DATE - 08-10-2010	REVISED -										



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	PLT SCALE = 50.0000' / IN.	CHECKED - RS	REVISED -				303	132-1	MCHENRY	26	21
	PLOT DATE = 8/9/2010	DATE - 08-10-2010	REVISED -		SCALE: 50	SHEET NO. 16 OF 18 SHEETS	STA. 451+00	TO STA. 480+00	ILLINOIS FED. AID PROJECT CONTRACT NO. 60K67		



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	PLOT SCALE = 50.0000' / IN.	CHECKED - RS	REVISED -					SCALE: 50 SHEET NO. 17 OF 18 SHEETS STA. 480+00 TO STA. 510+00			CONTRACT NO. 60K67	
PLOT DATE = 8/9/2010	DATE - 08-10-2010	REVISED -	REVISED -	ILLINOIS FED. AID PROJECT								

MATCH LINE STA. 510+00

510+00



W2-2
36' X 36'
PRICE ROAD
W16-8
36' X 12'
STA. 513+89 LT

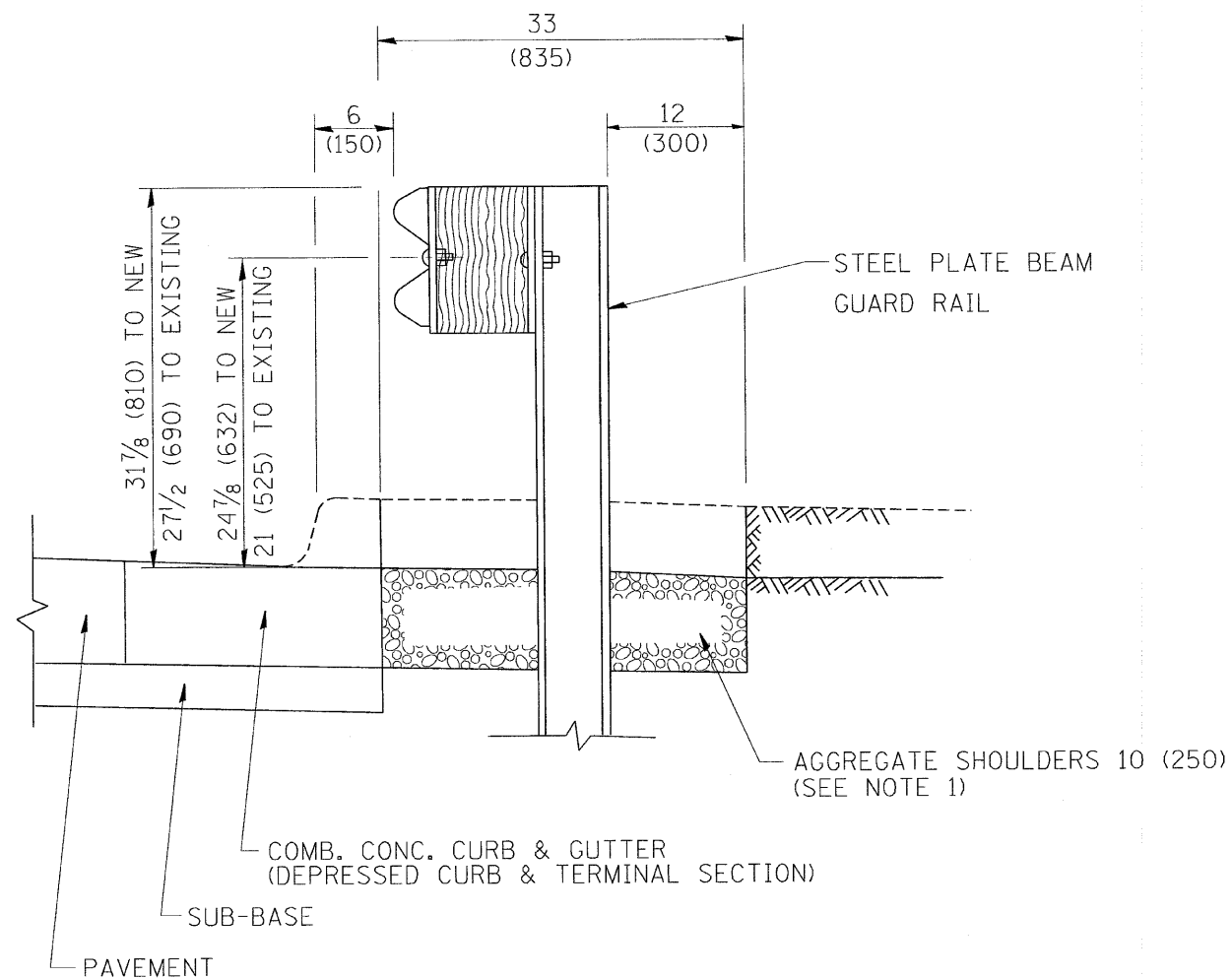
END PROJECT
STA. 514+50

515+00

520+00



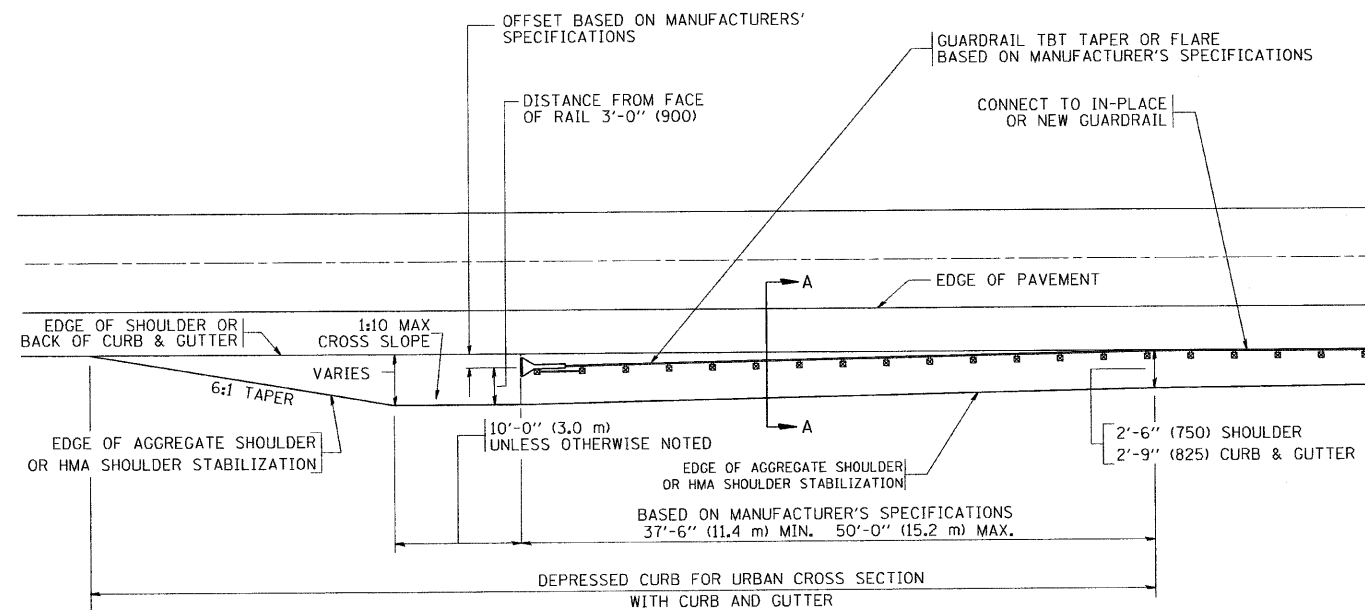
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	PLOT SCALE = 50.0000' / IN.	CHECKED - RS	REVISED -					ILLINOIS FED. AID PROJECT				
	PLOT DATE = 8/9/2010	DATE - 08-10-2010	REVISED -					SCALE: 50	SHEET NO. 18 OF 18 SHEETS	STA. 510+00 TO STA. 514+50	CONTRACT NO. 60K67	



SECTION A-A

- NOTES:
1. THE AGGREGATE SHOULDER, 10" OR HMA SHOULDER, 6" (IF REQUIRED) SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL.
 2. "EXISTING" GUARDRAIL REFERS TO CONNECTING TERMINAL SECTION TO GUARD RAILING PRIOR TO THE MIDWEST GUARDRAIL SYSTEM.
 3. THE CONTRACTOR SHALL VERIFY THE TYPE/HEIGHT OF GUARDRAIL IN-PLACE BEFORE ORDERING THE NEW TERMINAL SECTION. COST INCLUDED WITH THE COST OF THE TERMINAL. THE TERMINAL SECTION HEIGHT TO BE PLACED MUST MATCH THE HEIGHT OF THE IN-PLACE GUARDRAIL.

DETAILS FOR STEEL PLATE BEAM
 GUARD RAIL ADJACENT TO CURB AND GUTTER
 [FOR ROADWAY SPEED 35 MPH (60 kmh) TO 45 MPH (70 kmh)]



DEPRESSED CURB AND GUTTER AND
 SHOULDER TREATMENT AT TBT TY. 1 SPL.

BASIS OF PAYMENT: HMA SHOULDERS 6 (150) (IF REQUIRED) WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SHOULDERS 6" (150 mm)".

STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

TBT = TRAFFIC BARRIER TERMINAL
 ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

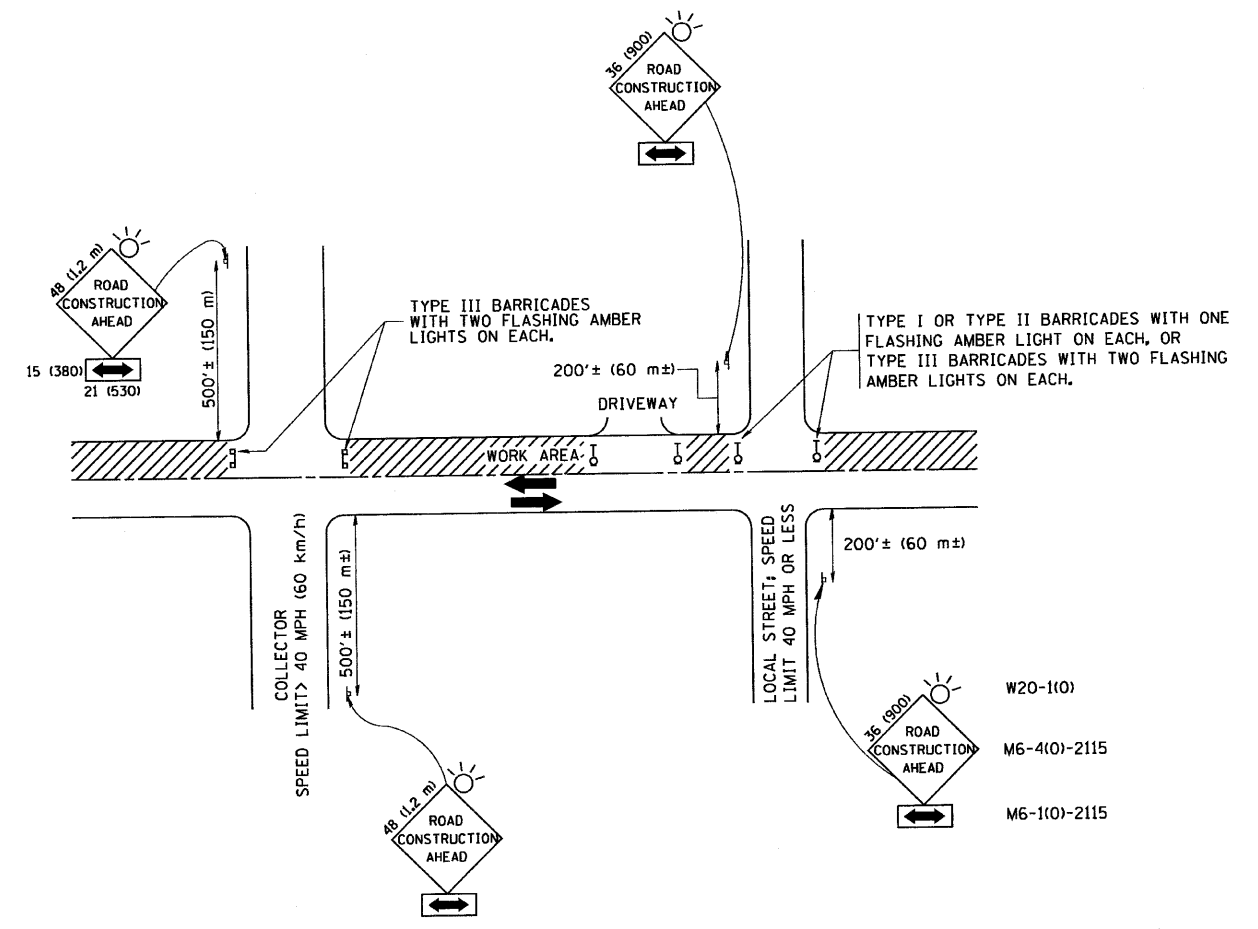
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ct\pwork\FWIDOT\DRIVAKOSGN\d0106315\bd34.dgn		DRAWN -	REVISED - R. BORO 01-01-07
PLOT SCALE = 49.9999 / / IN.		CHECKED -	REVISED - R. BORO 12-08-2008
PLOT DATE = 9/21/2009		DATE - 09-22-90	REVISED - R. BORO 09-14-2009

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETAILS FOR DEPRESSED CURB & GUTTER AND
 SHOULDER TREATMENT AT TBT TY 1 SPL.

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

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	132-T	McHENRY	26	24
BD600-10 (BD 34)			CONTRACT NO. 60267	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

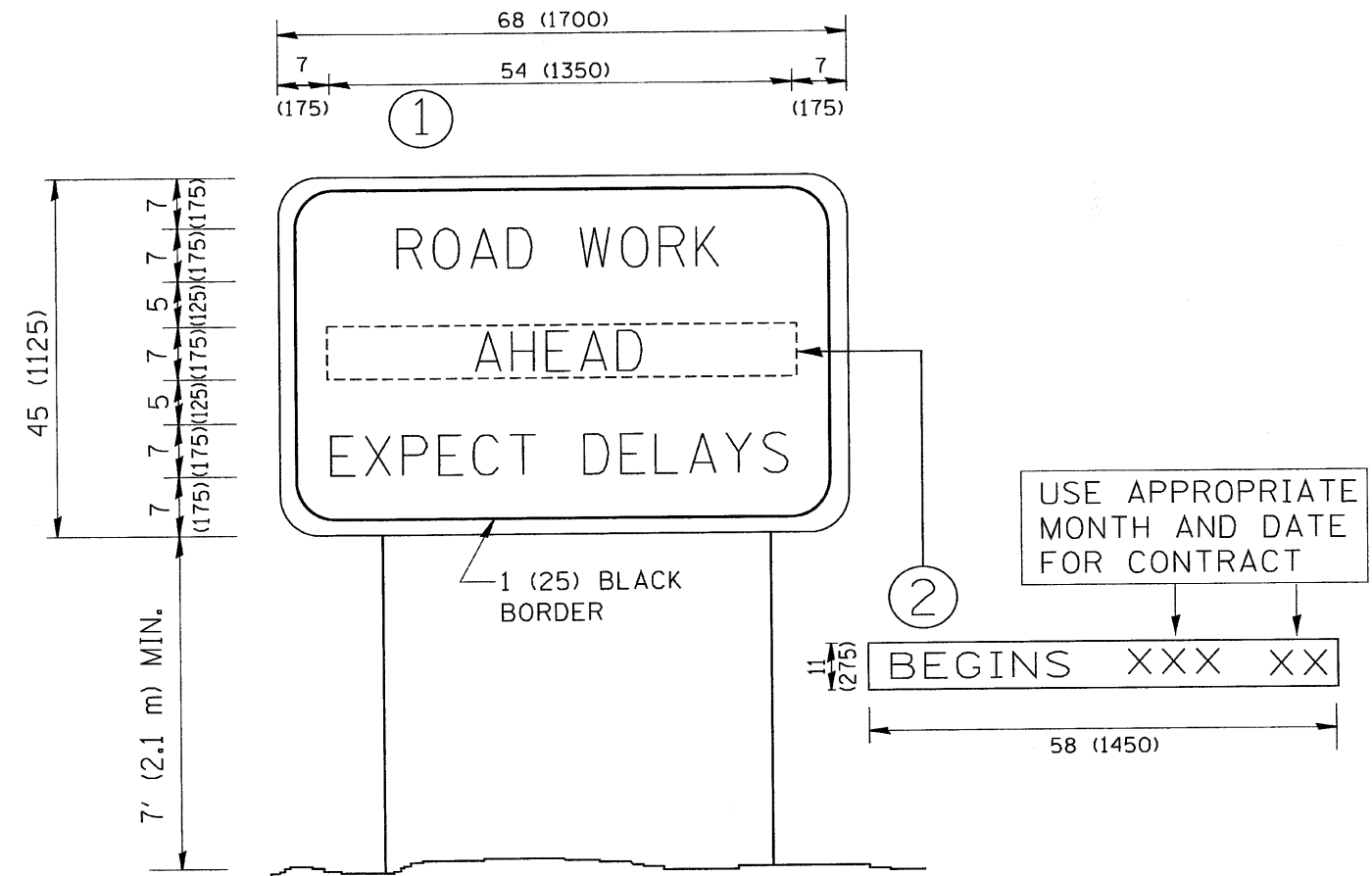
All dimensions are in millimeters (inches) unless otherwise shown.

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		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	132-T	MCHEMRY	26	25
TC-10			CONTRACT NO. 60K67	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

FILE NAME = W:\diststd\22x34\to22.dgn	USER NAME = geglionobt	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 1/4/2008	DATE -	REVISED - T. RAMMACHER 02-02-99	REVISED - C. JUCIUS 01-31-07	SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	TC-22		CONTRACT NO. 60K67		
								FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				