

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004-117 RS	MCHENRY	26	1

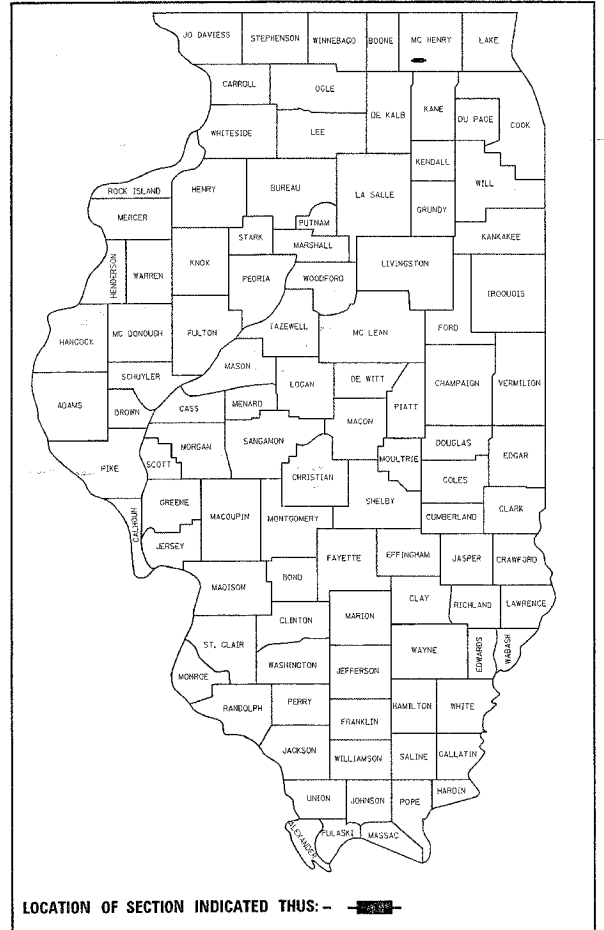
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 533: ILL ROUTE 176
SECTION: 2004-117 RS
RESURFACING (DETOUR ROUTE)

MILLSTREAM ROAD (IL 176 TO GARDEN VALLEY ROAD)
GARDEN VALLEY ROAD (MILLSTREAM ROAD TO NORTH UNION ROAD)
NORTH UNION ROAD (GARDEN VALLEY ROAD TO IL 176)
MCHENRY COUNTY
C-91-052-05

D-91-488-01

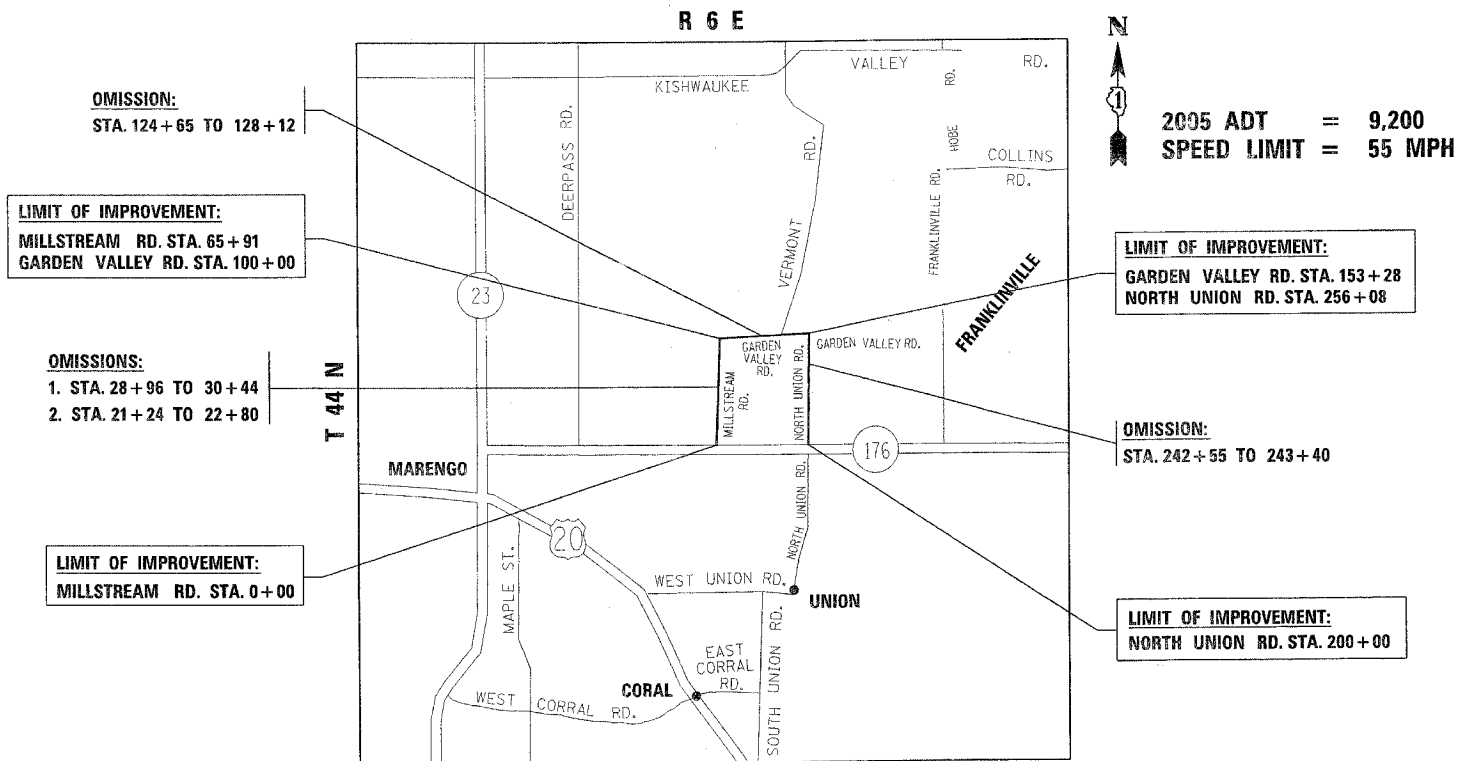


LOCATION OF SECTION INDICATED THIS: -

FOR INDEX OF SHEETS, SEE SHEET NO. 2

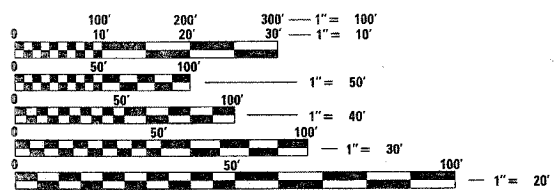
IMPROVEMENT LOCATED IN UNINCORPORATED MCHENRY COUNTY

DISTRICT ONE - PLAN PREPARATION ENGINEER: KEN ENG / J.P. CHANG (847) 705-4432



SENECA TOWNSHIP
LOCATION MAP

GROSS LENGTH OF IMPROVEMENT = 17,527 FEET = 3.3 MILES
NET LENGTH OF IMPROVEMENT = 16,791 FEET = 3.2 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

CONTRACT NO. 62873

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 27, 20 07

Diane O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 11, 20 07
Eric E. Stewart
ENGINEER OF DESIGN AND ENVIRONMENT

May 11, 20 07
Milton R. Seay, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004-117 RS	MCHENRY	26	2
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
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- 18 TEMPORARY INFORMATION SIGNING
- 19 PAVEMENT MARKING LETTERS & SYMBOLS FOR TRAFFIC STAGING
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GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED)

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, SENECA TOWNSHIP, AND MCHENRY COUNTY.

THE CONTRACTOR WILL NOT BE ABLE TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.

ALL HOT-MIX ASPHALT PAVEMENT PATCHING SHALL BE CLASS D

THE UNIT WEIGHT (CONVERSION FACTOR) QUOTED IS FOR ESTIMATING PLAN QUANTITIES ONLY. ACTUAL QUANTITIES TO FULFILL CONTRACT REQUIREMENTS WILL BE DETERMINED BASED ON UNIT WEIGHT OF APPROVED MIX DESIGN, PLAN DIMENSIONS, AND DENSITY LIMITATIONS. MAXIMUM PAYMENT WILL BE COMPUTED BASED ON WEIGHT AVERAGE DENSITIES OF THE IN-PLACE MIXTURE.

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT). IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEETS INCLUDED IN THE PLANS UNLESS OTHERWISE SPECIFIED.

THE RESIDENT ENGINEER SHALL CONTACT DEBBIE HANLEN, AREA TRAFFIC ENGINEER, AT (847) 438-2300 A MINIMUM OF 72 HOURS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS OVER 45 MPH WITHOUT WRITTEN APPROVAL FROM THE RESIDENT ENGINEER. A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1:3 (V:H).

STATE STANDARDS

- 000001-04 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 420001-06 PAVEMENT JOINTS
- 442201-02 CLASS C & D PATCHES
- 482011-02 HMA SHOULDER STRIPS/SHLDRS, WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
- 630001-07 STEEL PLATE BEAM GUARDRAIL
- 635006-02 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-01 REFLECTOR MARKER AND MOUNTING DETAILS
- 701006-02 OFF-ROAD OPERATIONS, 2L, 2W 4.5M (15') TO PAVEMENTEDGE, FOR SPEEDS ≥ 45 MPH
- 701011-01 OFF-ROAD MOVING OPERATIONS, 2L, 2W DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701301-02 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-01 LANE CLOSURE, 2L, 2W SLOW MOVING OPERATIONS DAY ONLY, FOR SPEED > 45 MPH
- 702001-06 TRAFFIC CONTROL DEVICES

SCHEDULE OF QUANTITIES (EARTHWORK)

1	2	3	4	5	6
IL 176 (DETOUR ROUTE)	EARTH EXCAVATION (CU YD)	EMBANKMENT (CU YD)	ADJUSTMENT FOR SHRINKAGE (CU YD)	FURNISHED EXCAVATION (CU YD)	TOP SOIL FURNISH AND PLACE (SQ YD)
MILLSTREAM RD.: STA. 64+41 - STA. 65+21	12.98	16.11	11.03	-5.08	263
GARDENVALLEY RD.: STA. 100+20 - STA. 101+60	12.32	22.22	10.47	-11.75	
IL 176: STA. 500+20 - STA. 500+80	15.21	7.24	12.93	5.69	
NORTH UNION RD.: STA. 699+65 TO STA. 200+85	12.18	14.93	10.35	-4.58	168
TOTAL	52.69	60.50	44.78	-15.72	431

COLUMN 1: LOCATION FROM PLANS
 COLUMN 2: CUT QUANTITIES
 COLUMN 3: FILL QUANTITIES

COLUMN 4: EARTH EXCAVATION THAT IS TO BE USED AS FILL MATERIAL IN THE EMBANKMENT, SHRINKAGE FACTOR WAS DETERMINED TO BE 15%
 COLUMN 5: COLUMN 4 - COLUMN 3, POSITIVE QUANTITY= EXTRA EXCAVATION, NEGATIVE QUANTITY= FURNISHED EXCAVATION NEEDED
 COLUMN 6: TOPSOIL FURNISH AND PLACE= AREA OF SEEDING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DETOUR FOR BRIDGE OVER THE SOUTH BRANCH KISHWAUKEE RIVER ON IL 176
 INDEX OF SHEETS, GENERAL NOTES, AND STATE STANDARDS
 SCALE: VERT. DATE 4/3/2007
 HORIZ. DRAWN BY
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004-117 RS	MCHENRY	26	3
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES 100% STATE	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		ROADWAY 1000-2A				
20200100	EARTH EXCAVATION	CU YD	53	53				
20201006	GRADING AND SHAPING SHOULDERS	UNIT	368	368				
20400800	FURNISHED EXCAVATION	CU YD	16	16				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	431	431				
25000210	SEEDING, CLASS 2A	ACRE	0.10	0.10				
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	10	10				
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	10	10				
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	10	10				
25100630	EROSION CONTROL BLANKET	SQ YD	431	431				
25200200	SUPPLEMENTAL WATERING	UNIT	6	6				
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	10	10				
28000300	TEMPORARY DITCH CHECKS	EACH	30	30				
28000400	PERIMETER EROSION BARRIER	FOOT	355	355				
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	165	165				
35600704	HOT-MIX ASPHALT BASE COURSE WIDENING, 7"	SQ YD	240	240				
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	19	19				
40600300	AGGREGATE (PRIME COAT)	TON	95	95				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	5	5				
40600895	CONSTRUCTING TEST STRIP	EACH	2	2				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	262	262				
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	35	35				
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	4010	4010				
44000151	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	SQ YD	47285	47285				
44002212	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3"	SQ YD	200	200				
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	200	200				
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1472	1472				
63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	875	875				

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES 100% STATE	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		ROADWAY 1000-2A				
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	18	18				
* 63100169	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (FLARED)	EACH	1	1				
63200310	GUARDRAIL REMOVAL	FOOT	875	875				
* 63304385	TRAFFIC BARRIER TERMINAL REMOVAL, TYPE 1	EACH	18	18				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3				
67100100	MOBILIZATION	L SUM	1	1				
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1				
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1				
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1				
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	10				
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	10300	10300				
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	44210	44210				
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	340	340				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	18	18				
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	18206	18206				
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	44210	44210				
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	340	340				
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	18	18				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	273	273				
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	18	18				
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	18	18				
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	102.8	102.8				
X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	3980	3980				

* - SPECIALTY ITEM

REVISIONS	
NAME	DATE

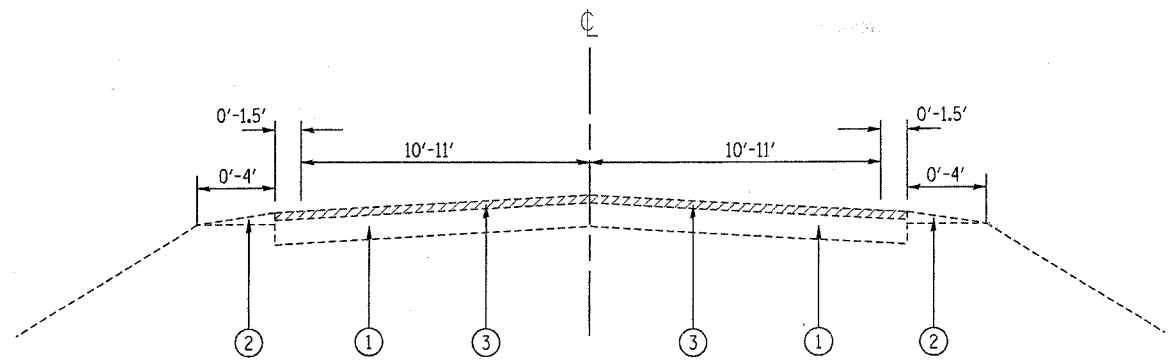
ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

Rev.

PLOT DATE: 4/3/2007

4/3/2007

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004-117 RS	MCHENRY	26	4
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS HIGHWAY PROJECT				

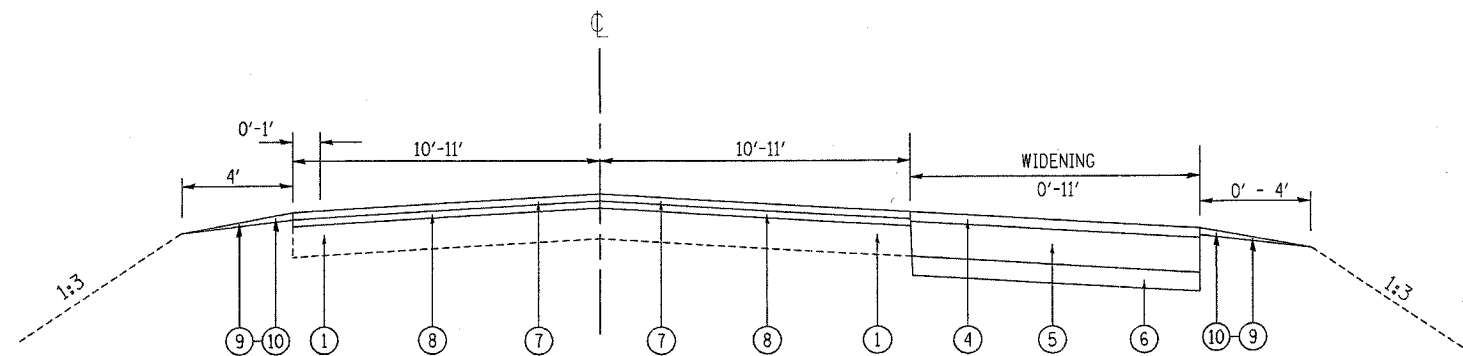


EXISTING TYPICAL CROSS SECTION

MILLSTREAM RD.: STA. 00+00 TO STA. 21+24
 STA. 22+80 TO STA. 28+96
 STA. 30+44 TO STA. 65+91

GARDEN VALLEY RD.: STA. 100+00 TO STA. 124+65
 STA. 128+12 TO STA. 153+28

NORTH UNION RD.: STA. 200+00 TO STA. 242+55
 STA. 243+40 TO STA. 265+00



PROPOSED TYPICAL CROSS SECTION

MILLSTREAM RD.: STA. 00+00 TO STA. 21+24
 STA. 22+80 TO STA. 28+96
 STA. 30+44 TO STA. 65+91

GARDEN VALLEY RD.: STA. 100+00 TO STA. 124+65
 STA. 128+12 TO STA. 153+28

NORTH UNION RD.: STA. 200+00 TO STA. 242+55
 STA. 243+40 TO STA. 265+00

LEGEND

- ① EXISTING HMA PAVEMENT, 6"±
- ② EXISTING AGGREGATE SHOULDER
- ③ PROPOSED HMA SURFACE REMOVAL, 1/2"
- ④ PROPOSED WIDENING HMA SURFACE COURSE, MIX "D", N50, 2"
- ⑤ PROPOSED HMA BASE COURSE WIDENING, 7"
- ⑥ PROPOSED SUB-BASE GRANULAR MATERIAL TYPE B, 4"
- ⑦ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑧ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1 1/2"
- ⑨ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ⑩ PROPOSED GRADING & SHAPING SHOULDERS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

	MIXTURE TYPE	AC/PG	AIR VOIDS (%)
ROADWAY	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBS/SBR PG 76-28/-22	4% @ 50 GYR
	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, IL 9.5 MM	PG 64-22	4% @ 50 GYR
PATCHING	CLASS D PATCHES, IL-19, 8"	PG 64-22/58-22*	4% @ 70 GYR
	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	PG 64-22/58-22*	4% @ 70 GYR
WIDENING	HOT-MIX ASPHALT BASE COURSE WIDENING, 7"	PG 64-22/58-22*	4% @ 50 GYR
SHOULDER	HOT-MIX ASPHALT SHOULDERS, 8"	PG 64-22/58-22*	4% @ 70 GYR

UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN

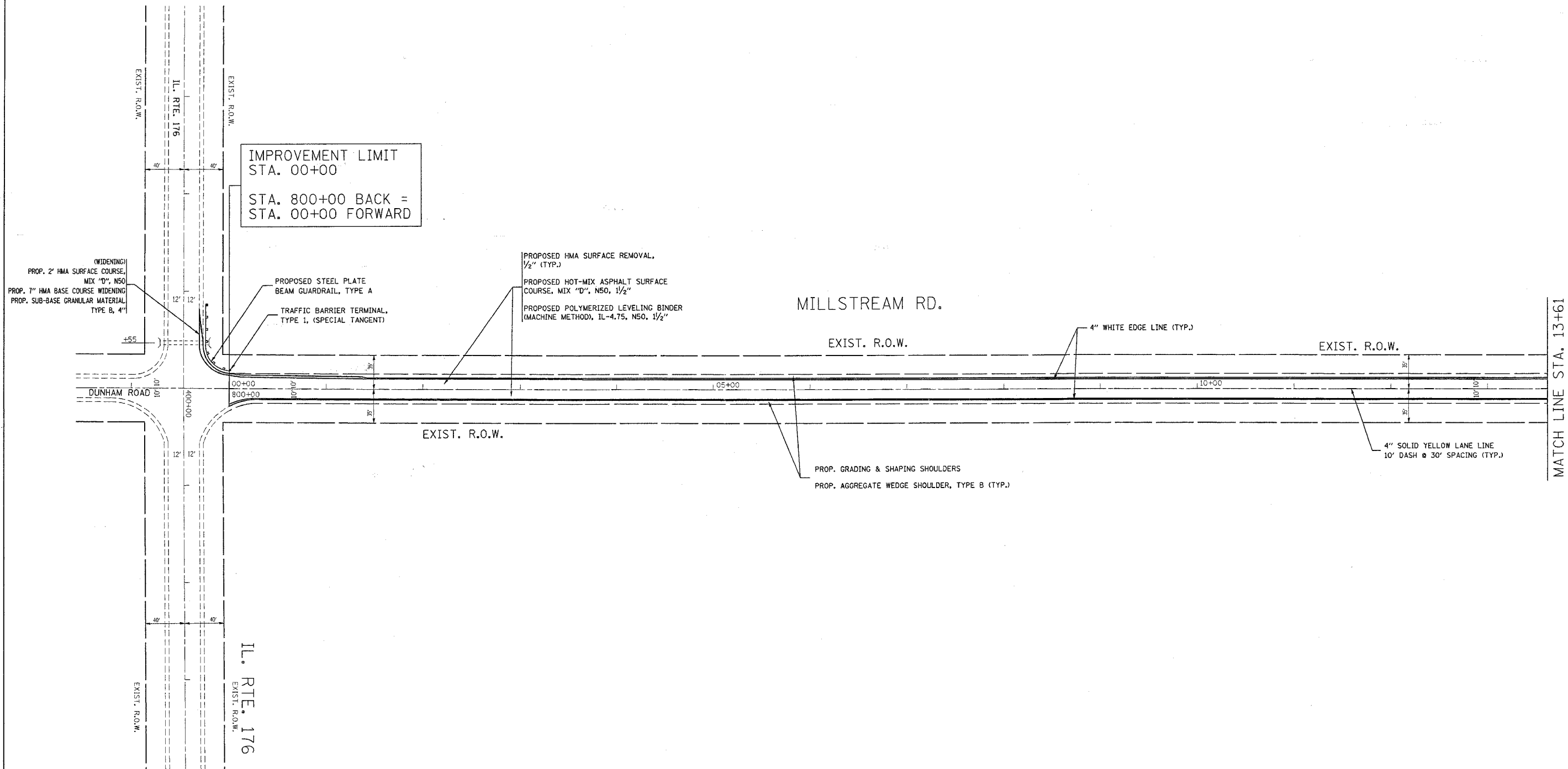
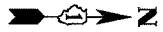
*WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

NOTE:

THESE ROUTES ARE CLASSIFIED AS CLASS II TRUCK ROUTE. THEREFORE, TO ACCOMMODATE THE TURNS OF TRUCKS, THE PROPOSED WIDENINGS ARE AT TURN RADII ONLY.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION DETOUR FOR BRIDGE OVER THE SOUTH BRANCH KISHWAUKEE RIVER ON IL-176
NAME	DATE	
		EXISTING AND PROPOSED TYPICAL SECTIONS
SCALE:	VERT. DATE 3/29/2007	DRAWN BY CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004-117 RS	MCHENRY	26	5
STA. 0+00		TO STA. 13+61		
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	

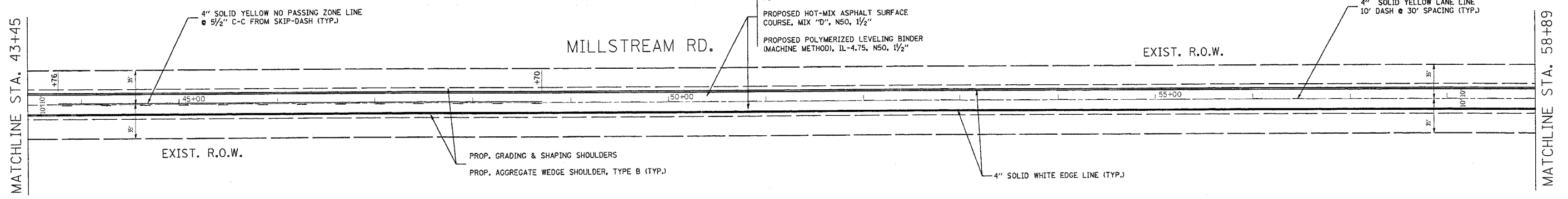
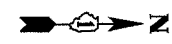
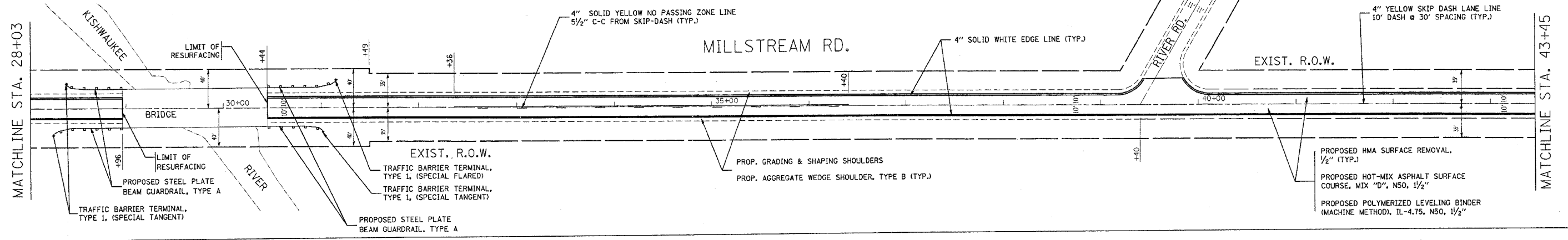
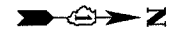
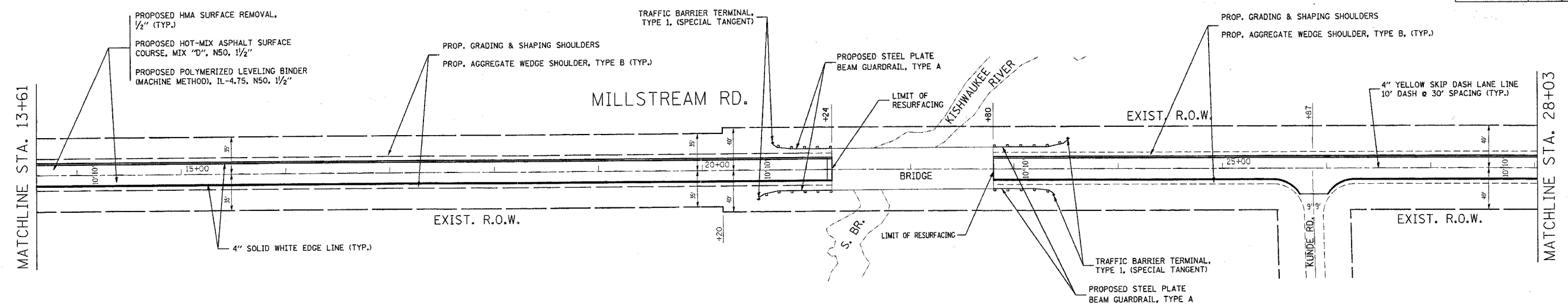
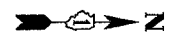


REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION MILLSTREAM RD DETOUR FOR BRIDGE OVER THE SOUTH BRANCH KISHWAUKEE RIVER ON IL-176 ROADWAY AND PAVEMENT MARKING PLAN
NAME	DATE	

SCALE: VERT. 1" = 50'
HORIZ. 1" = 50'
DATE 3/29/2007

DRAWN BY
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004-117 RS	MCHENRY	26	6
STA. 13+61		TO STA. 58+89		
FED. ROAD DIST. NO. 1 ILLINOIS HIGHWAY PROJECT				



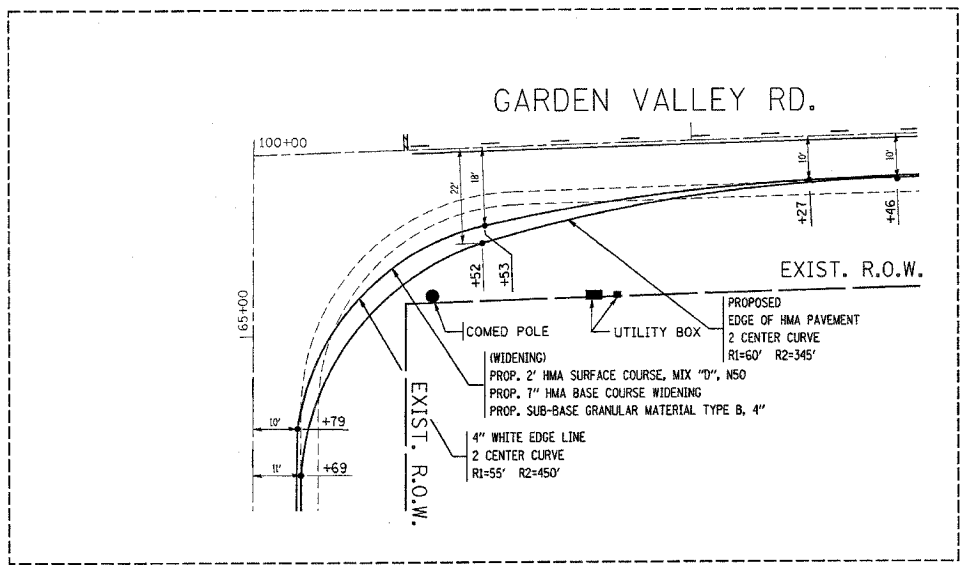
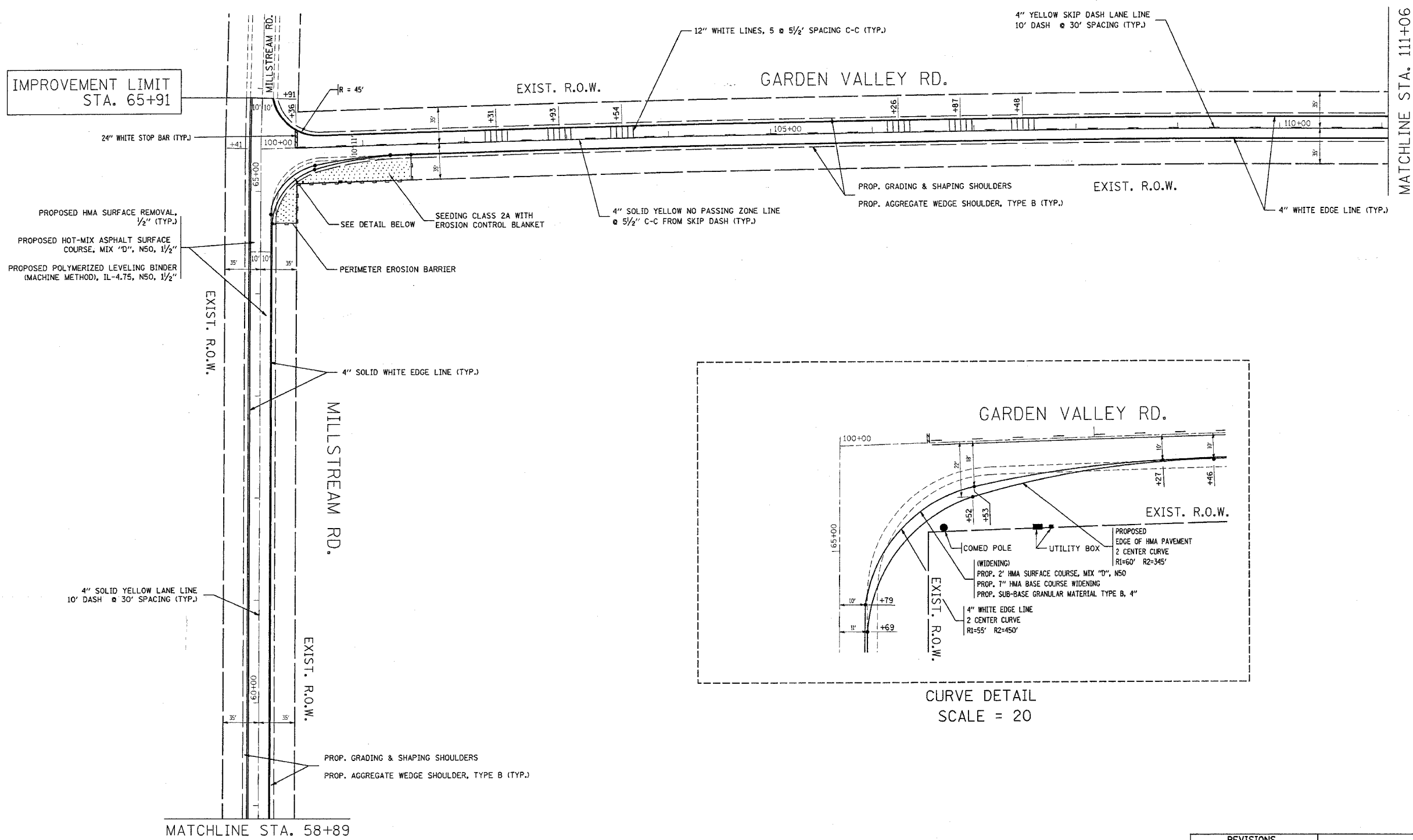
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 MILLSTREAM RD
 DETOUR FOR BRIDGE OVER
 THE SOUTH BRANCH KISHWAUKEE RIVER ON IL-176
 ROADWAY AND PAVEMENT MARKING PLAN

SCALE: VERT. 1" = 50'
 HORIZ. 1" = 50'
 DATE 3/29/2007

DRAWN BY
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004-117 RS	MCHENRY	26	7
STA. 58+89		TO STA. 111+06		
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	



CURVE DETAIL
SCALE = 20

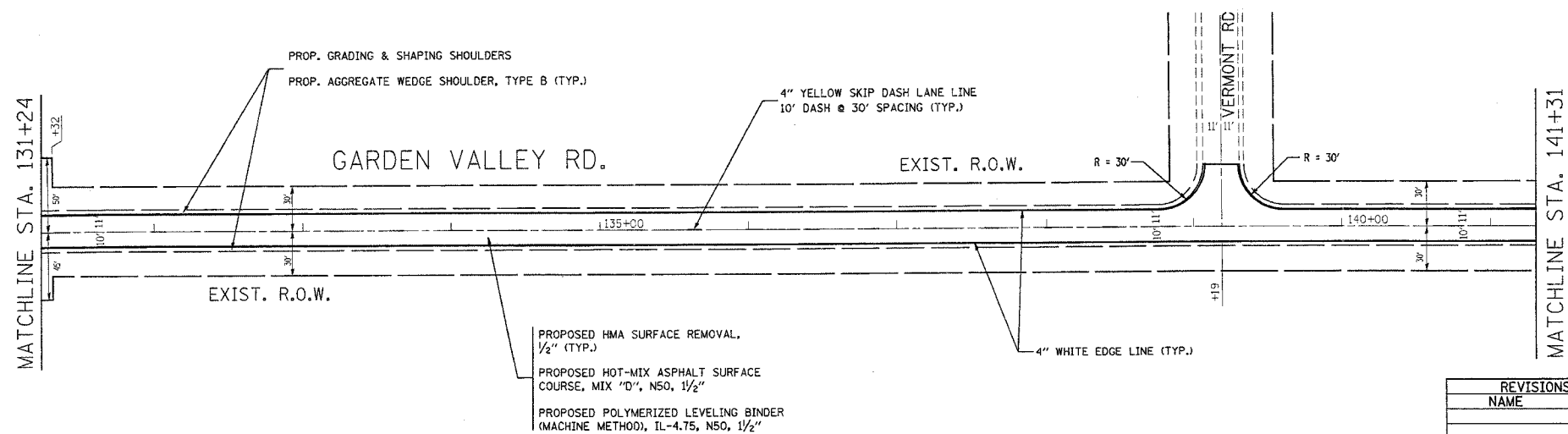
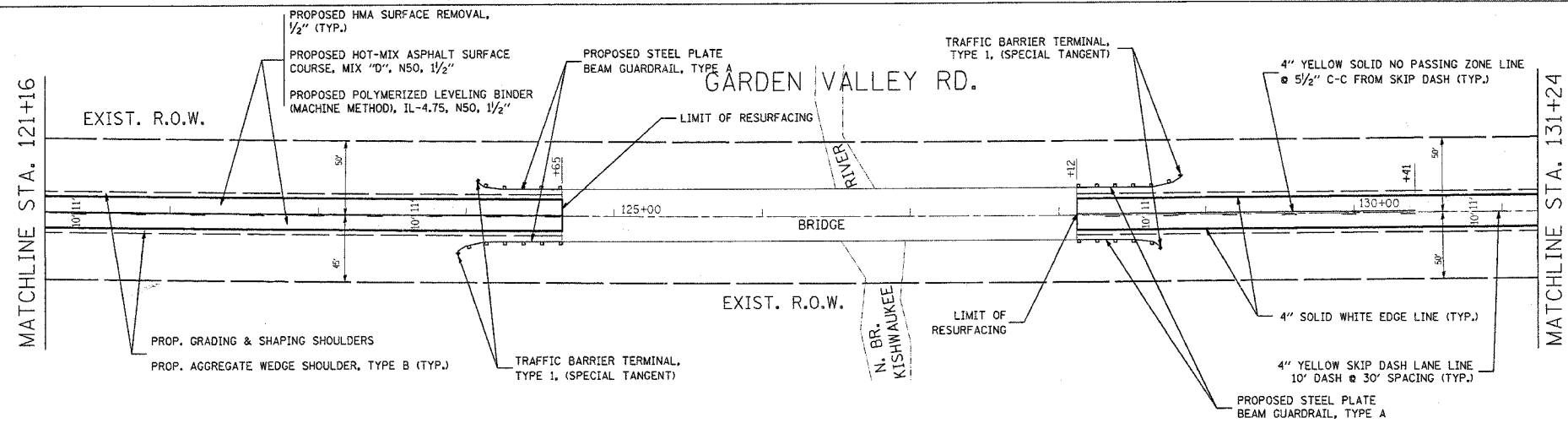
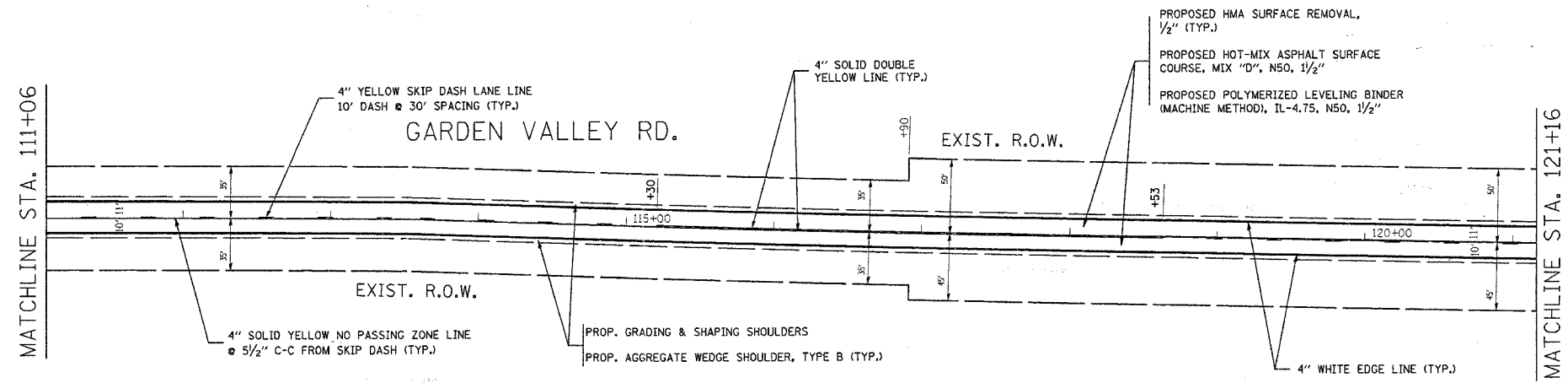
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MILLSTREAM RD. / GARDEN VALLEY RD.
DETOUR FOR BRIDGE OVER
THE SOUTH BRANCH KISHWAUKEE RIVER ON IL-176
ROADWAY AND PAVEMENT MARKING PLAN

SCALE: VERT. 1" = 50'
HORIZ. 1" = 50'
DATE 3/29/2007

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CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004-117 RS	MCHENRY	26	8
STA. 111+06		TO STA. 141+31		
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	

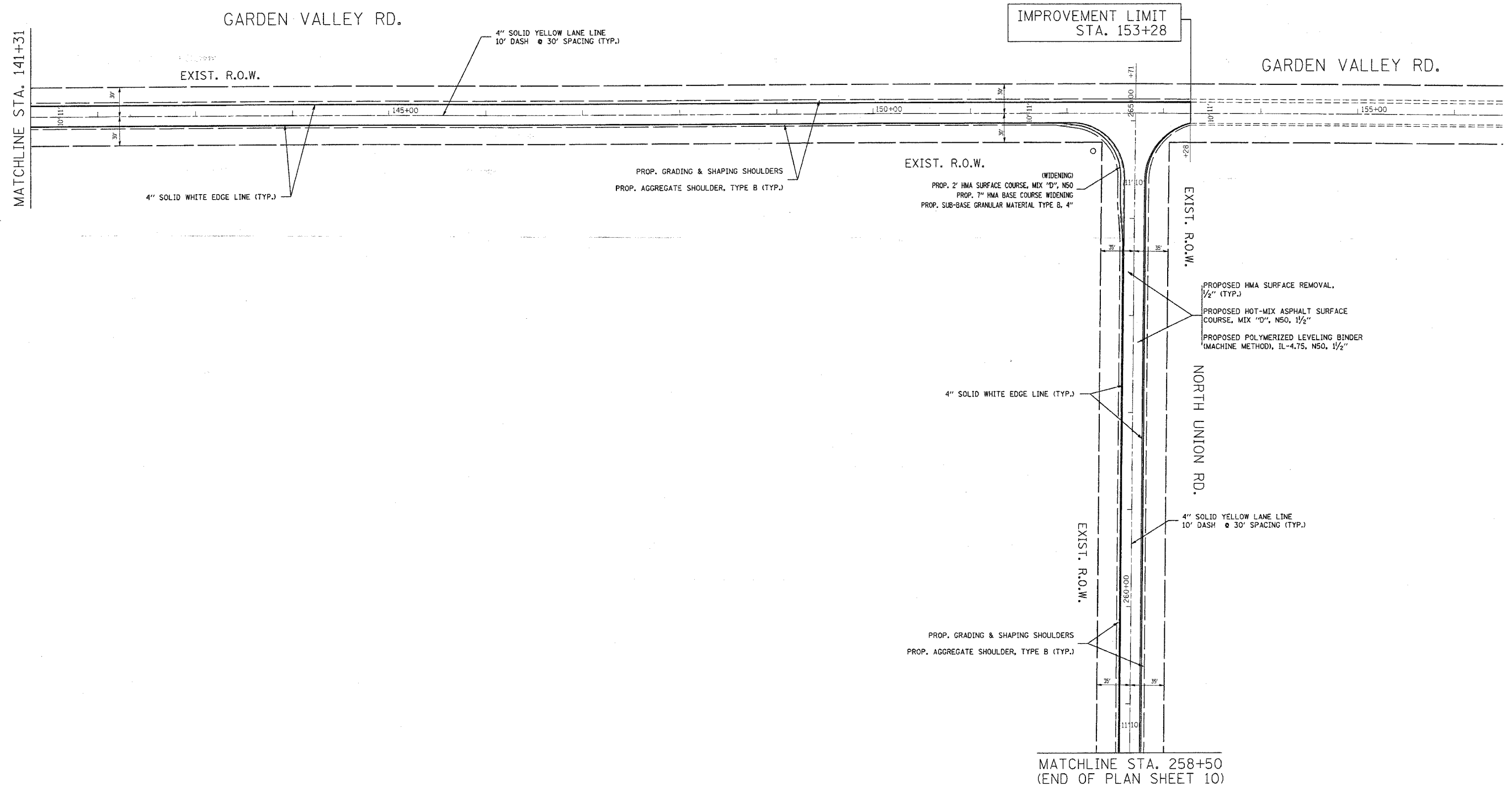


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 GARDEN VALLEY RD.
 DETOUR FOR BRIDGE OVER
 THE SOUTH BRANCH KISHWAUKEE RIVER ON IL-176
 ROADWAY AND PAVEMENT MARKING PLAN

SCALE: VERT. 1" = 50'
 HORIZ. 1" = 50'
 DATE 3/29/2007
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004-117 RS	MCHENRY	26	9
STA. 141+31		TO STA. 258+50		
FED. ROAD DIST. NO. 1		ILLINOIS HIGHWAY PROJECT		



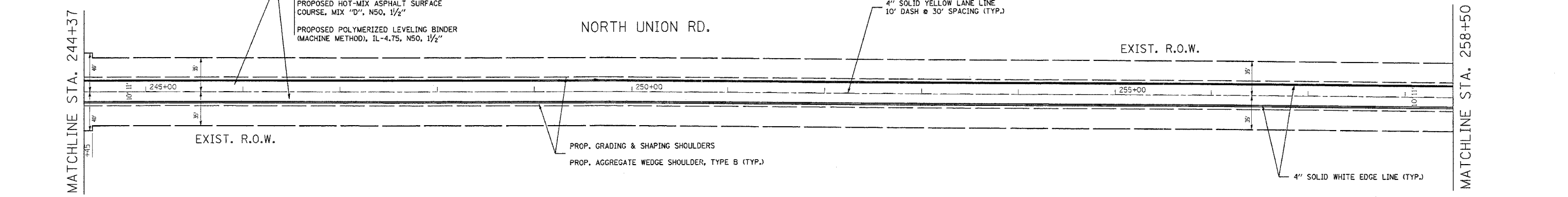
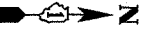
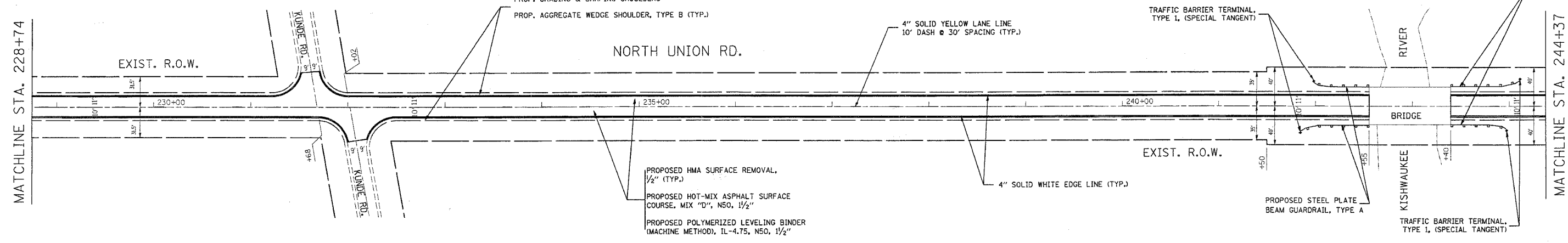
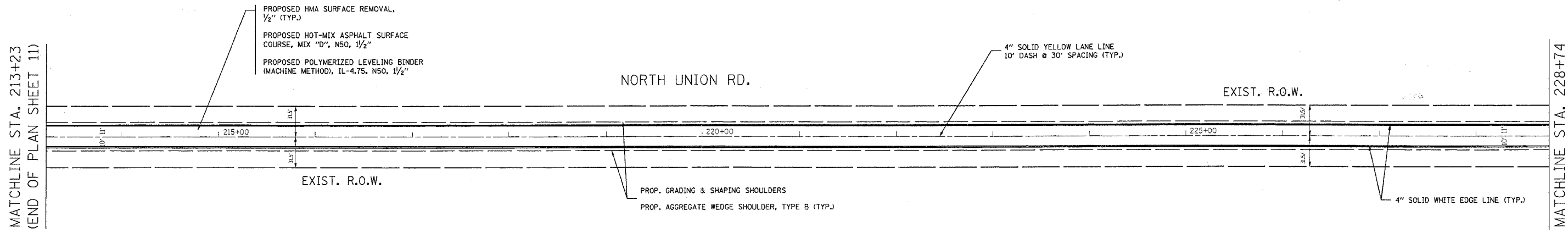
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 GARDEN VALLEY RD. / NORTH UNION RD.
 DETOUR FOR BRIDGE OVER
 THE SOUTH BRANCH KISHWAUKEE RIVER ON IL-176
 ROADWAY AND PAVEMENT MARKING PLAN

SCALE: VERT. 1" = 50'
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004-117 RS	MCHENRY	26	10
STA. 213+23		TO STA. 258+50		
FED. ROAD DIST. NO. 1		ILLINOIS HIGHWAY PROJECT		



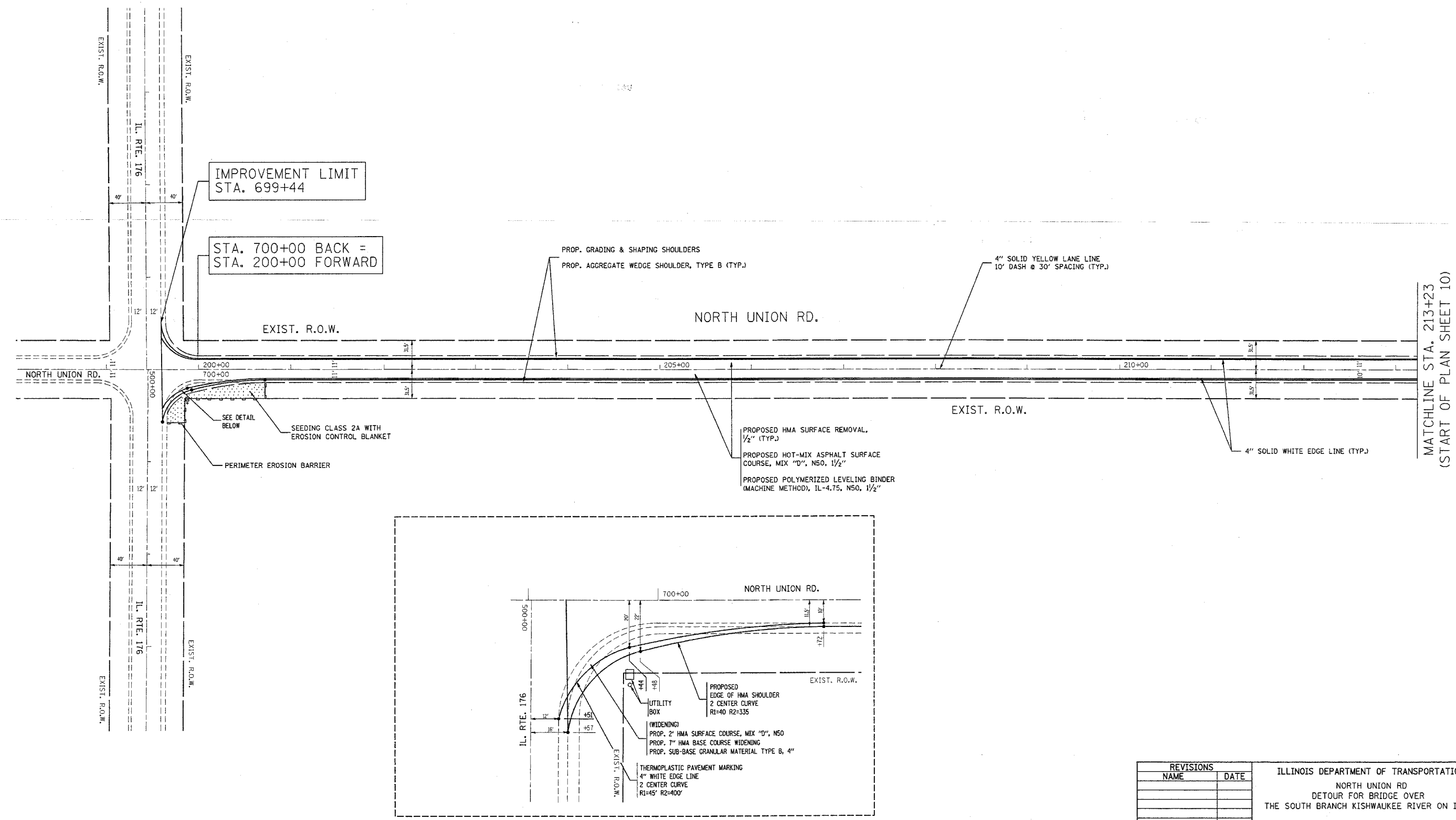
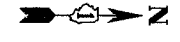
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 NORTH UNION RD
 DETOUR FOR BRIDGE OVER
 THE SOUTH BRANCH KISHWAUKEE RIVER ON IL-176
 ROADWAY AND PAVEMENT MARKING PLAN

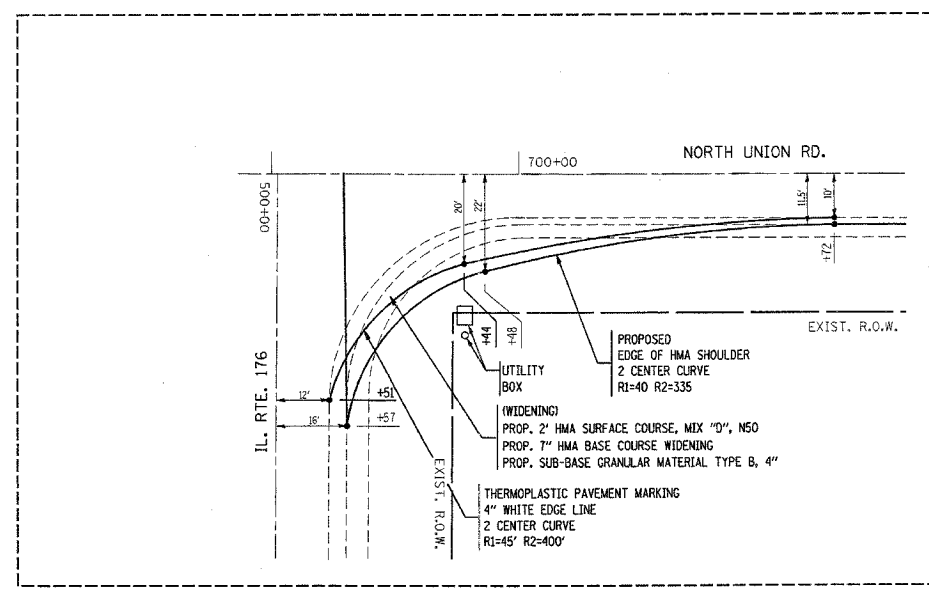
SCALE: VERT. 1" = 50'
 HORIZ. DATE 3/29/2007

DRAWN BY
 CHECKED BY

CONTRACT NO. 62873			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
533	2004-117 RS	MCHENRY	26 / 11
STA. 200+00		TO STA. 213+23	
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT



MATCHLINE STA. 213+23
(START OF PLAN SHEET 10)



CURVE DETAIL
SCALE = 20

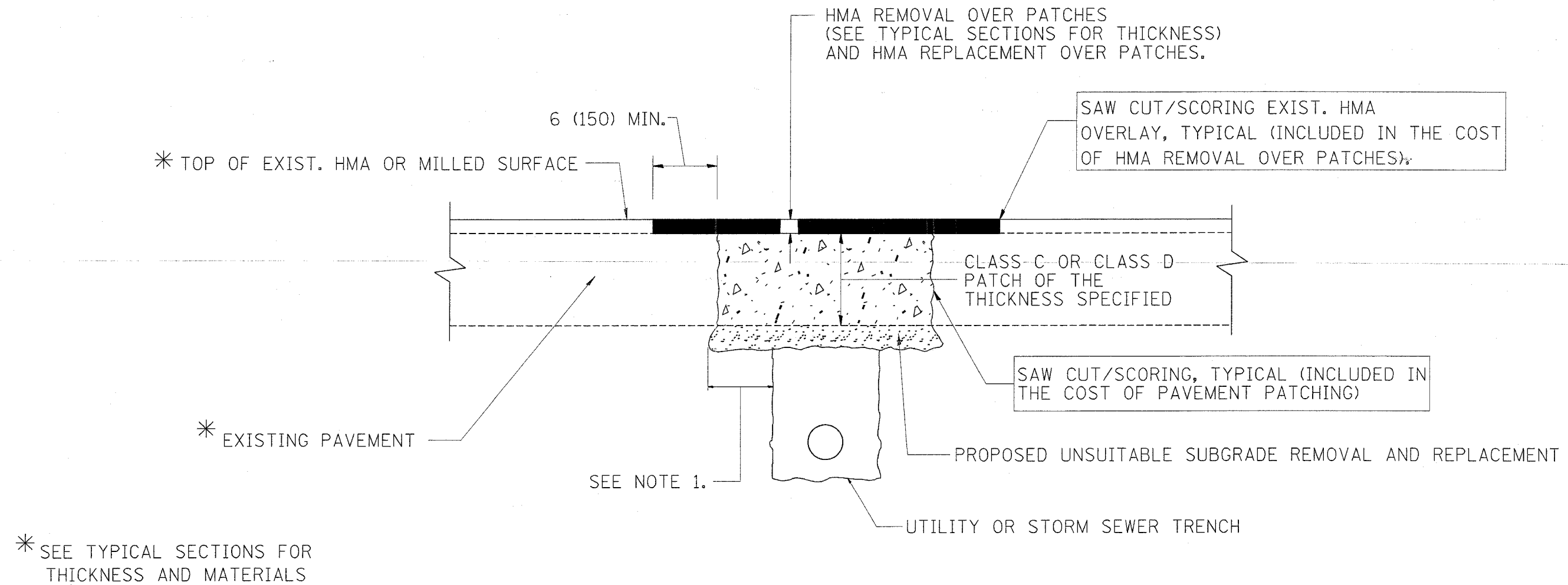
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
NORTH UNION RD
DETOUR FOR BRIDGE OVER
THE SOUTH BRANCH KISHWAUKEE RIVER ON IL-176
ROADWAY AND PAVEMENT MARKING PLAN

SCALE: VERT. 1" = 50'
HORIZ. 1" = 50'
DATE 3/29/2007

DRAWN BY
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004-117 RS	MCHENRY	26	12
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE FULL DEPTH PATCHES
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

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

REVISIONS	
NAME	DATE
R. SHAH	10/25/94
R. SHAH	01/14/95
R. SHAH	03/23/95
R. SHAH	04/24/95
A. HOUSEH	03/15/96
A. ABBAS	03/21/97
A. ABBAS	01/20/98
ART ABBAS	04/27/98
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

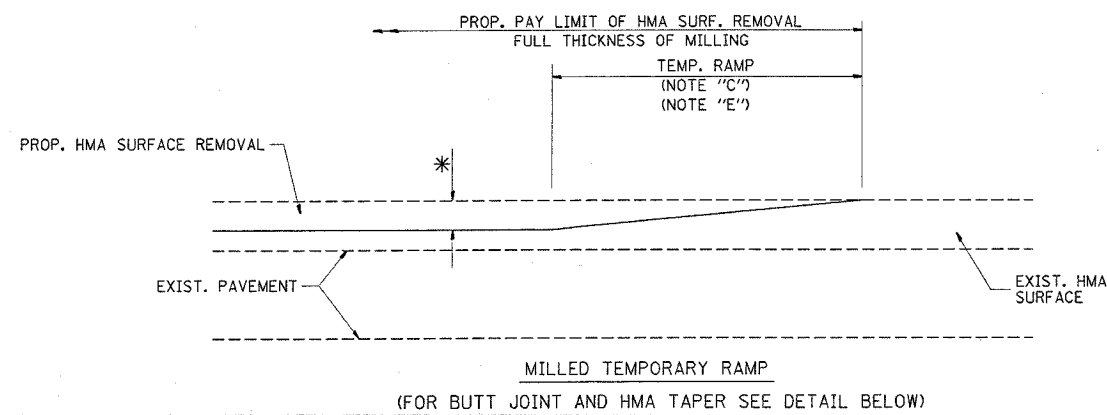
SCALE: VERT. NONE
HORIZ.

DRAWN BY
CHECKED BY

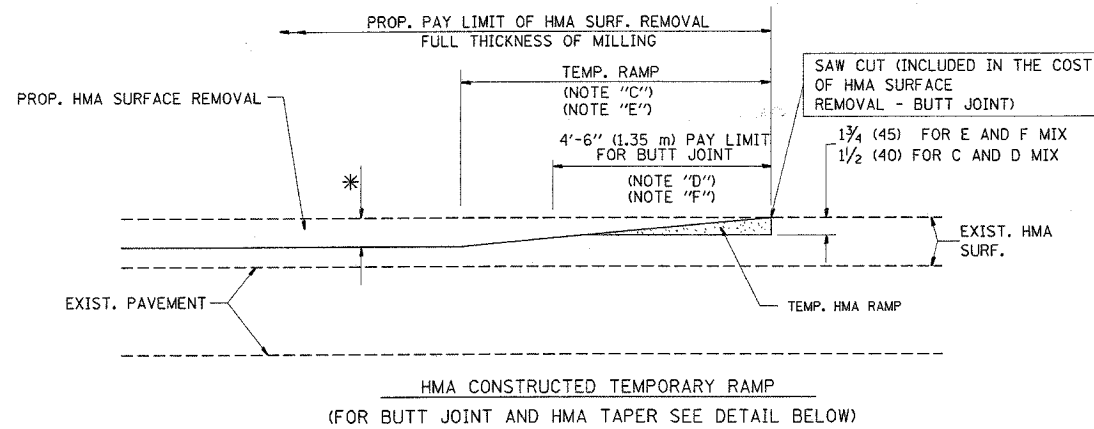
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PLOT DATE = 4/2/2007
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 USER NAME = amshah

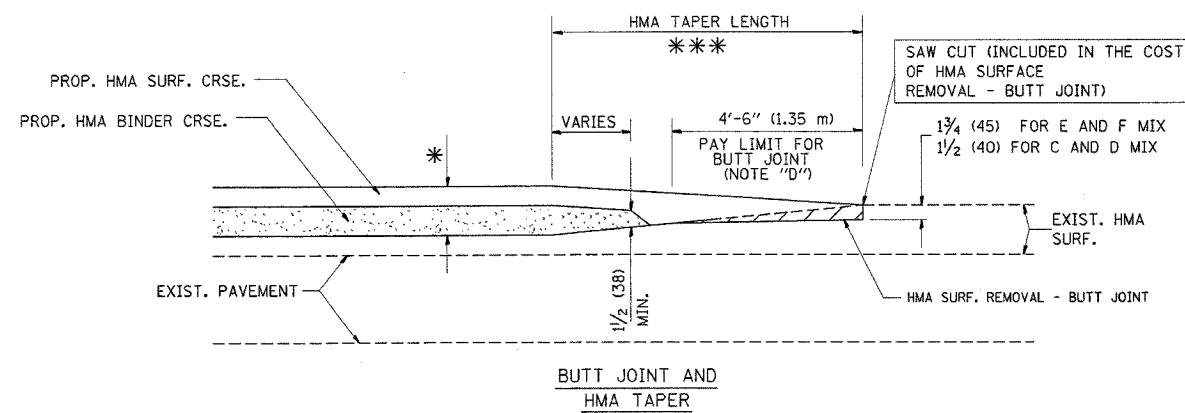
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004-117 RS	MCHENRY	26	13
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



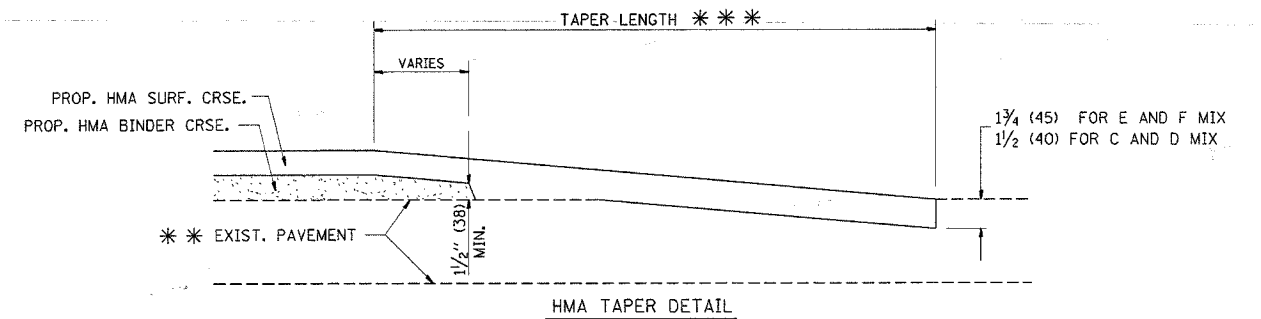
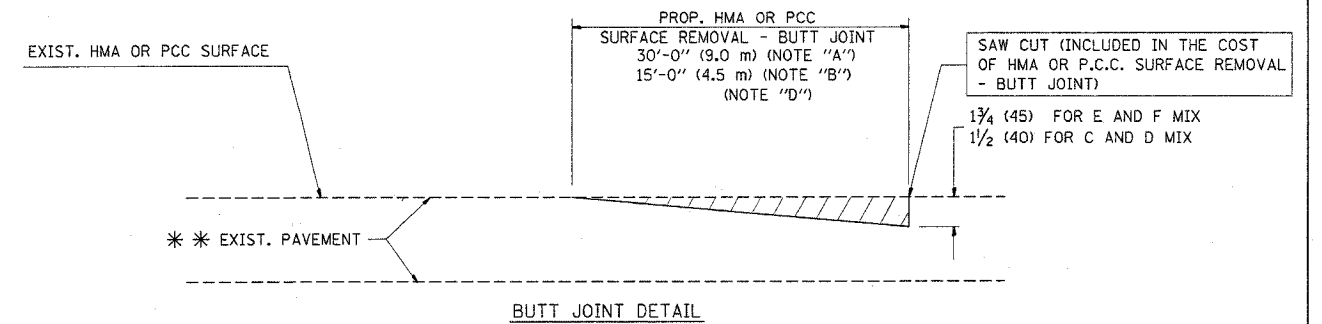
OPTION 1



OPTION 2
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

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

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

REVISIONS	
NAME	DATE
M. DE YONG	6-13-90
M. DE YONG	7-3-90
M. DE YONG	3-27-92
R. SHAH	09/09/94
R. SHAH	10/25/94
A. ABBAS	03/21/97
M. GOMEZ	04/06/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

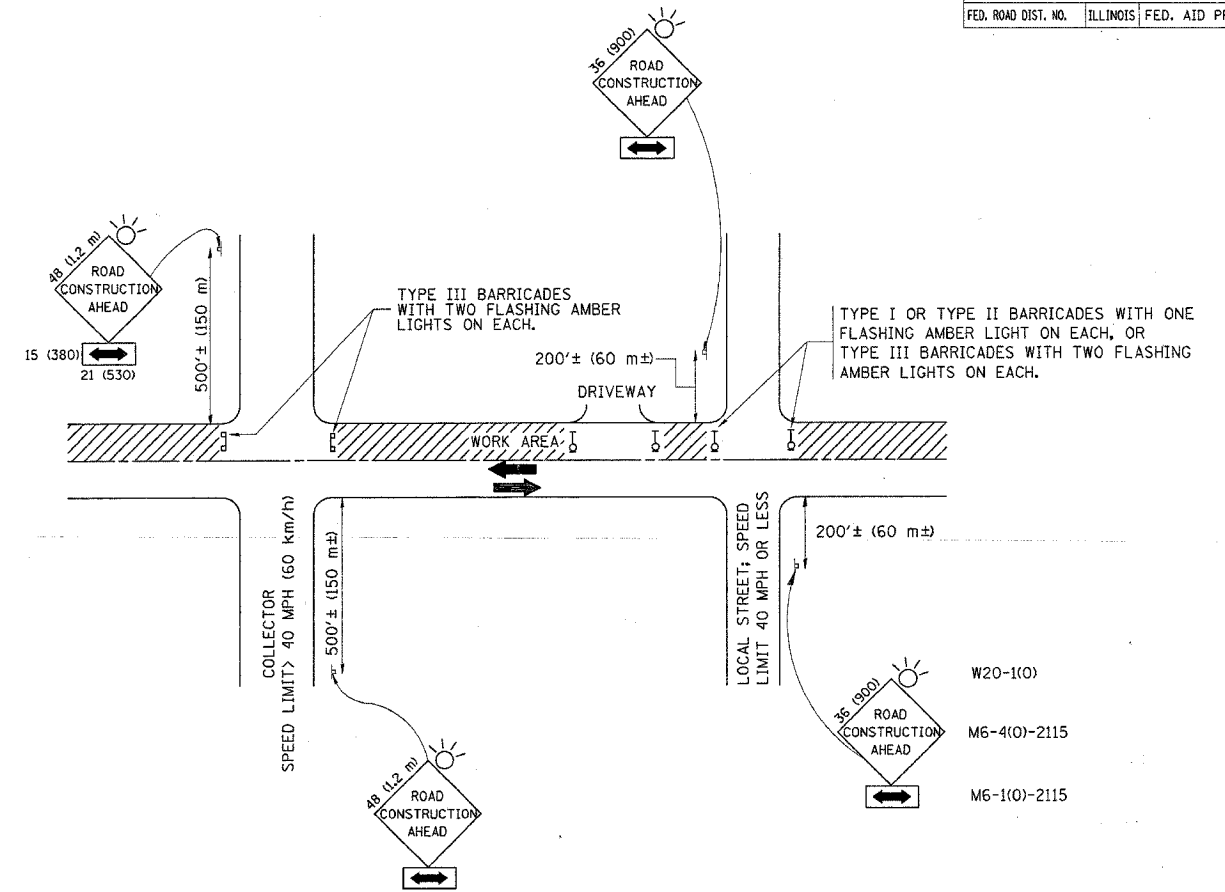
BUTT JOINT AND HMA TAPER DETAILS

SCALE: VERT. NONE
HORIZ. PLOT DATE: 3/29/2007

DRAWN BY
CHECKED BY

BD400-05 (VI-BD32)
REVISION DATE: 01/01/07

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004-117 RS	MCHENRY	26	14
STA.		TO STA.		
FED. ROAD DIST. NO.	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

- 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:
 - 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.
 - 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.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 60 km/h (40 MPH) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - 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.
 - 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.
- 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.

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC CONTROL AND PROTECTION
 FOR
 SIDE ROADS, INTERSECTIONS, AND
 DRIVEWAYS

SCALE:
 DATE: 3/29/2007

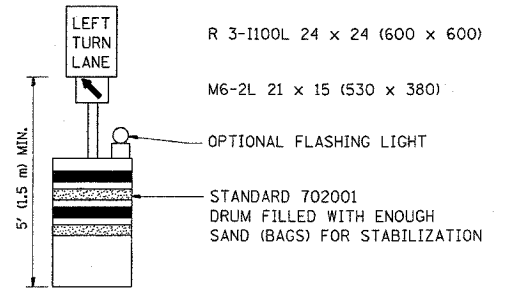
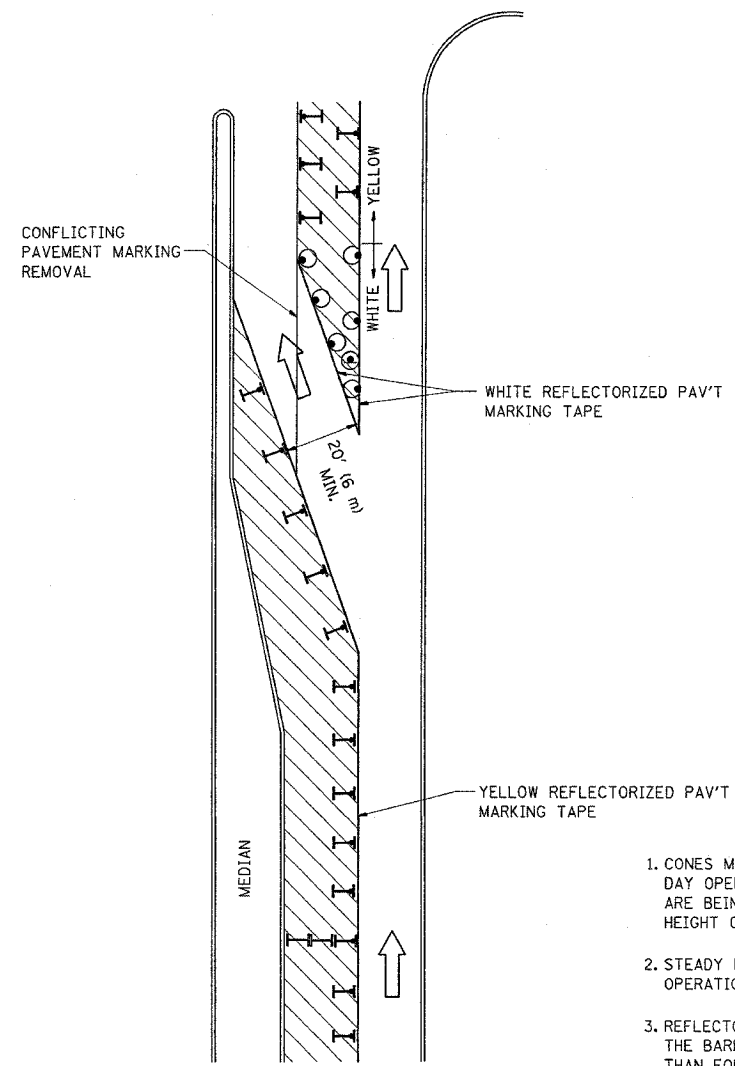
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 CHECKED BY

TC-10

REVISION DATE: 01/06/00

PLOT DATE = 3/29/2007
 PLOT SCALE = 3/29/2007
 USER NAME = amthkl

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004-117 RS	MCHENRY	26	15
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

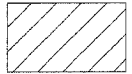
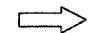






GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM BT 725 IS REQUIRED.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

LEGEND

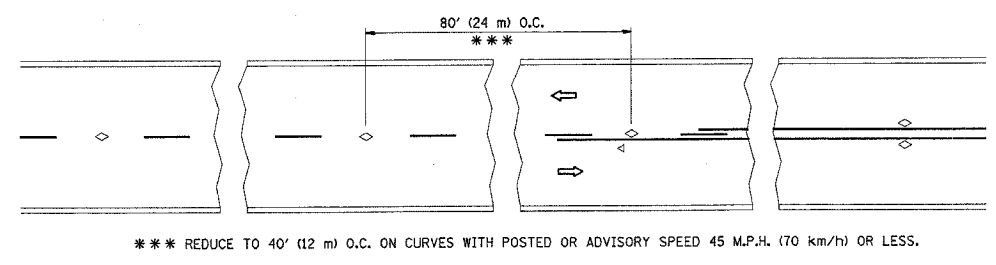
-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

REVISIONS	
NAME	DATE
T. RAMMACHER	09/08/94
A. HOUSEH	11/07/95
A. HOUSEH	10/12/96
T. RAMMACHER	01/06/00

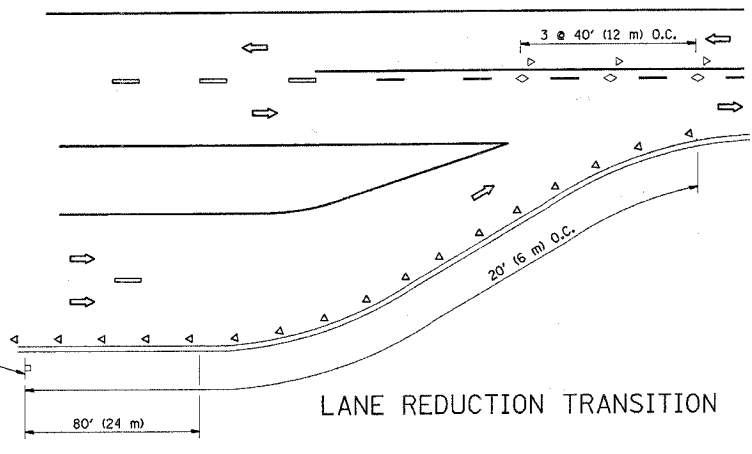
ILLINOIS DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL AND PROTECTION
 AT TURN BAYS
 (TO REMAIN OPEN TO TRAFFIC)**

SCALE: NONE
 DATE: 3/29/2007
 DRAWN BY
 CHECKED BY LHA

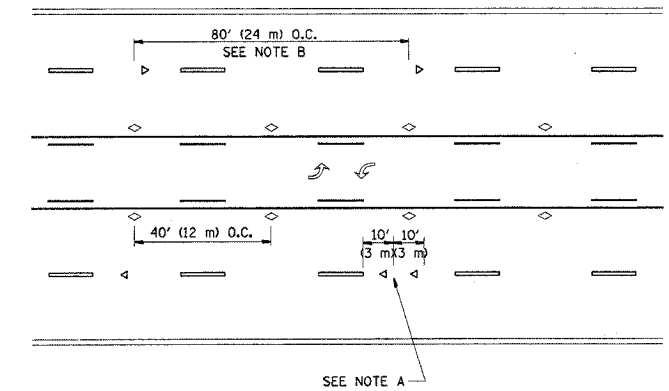
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 USER NAME = mitchell



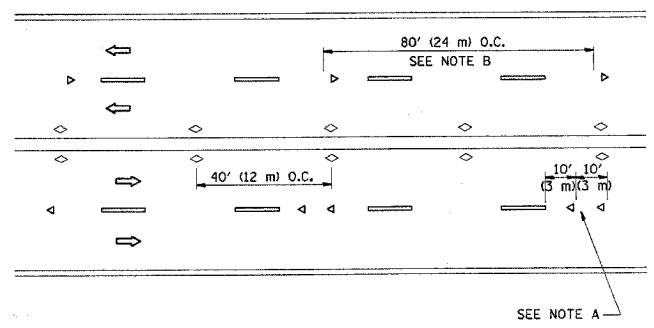
TWO-LANE/TWO-WAY



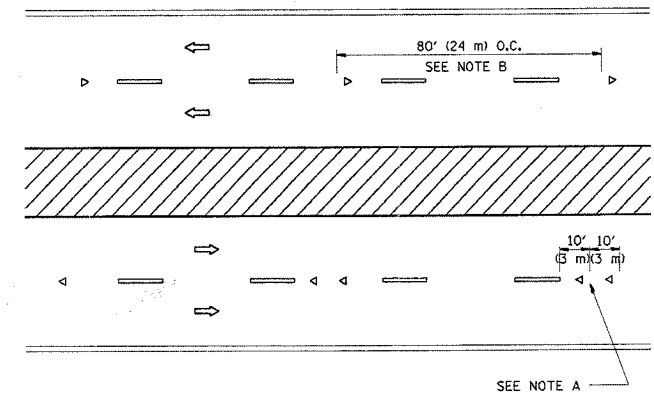
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ◁ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◇ TWO-WAY AMBER MARKER

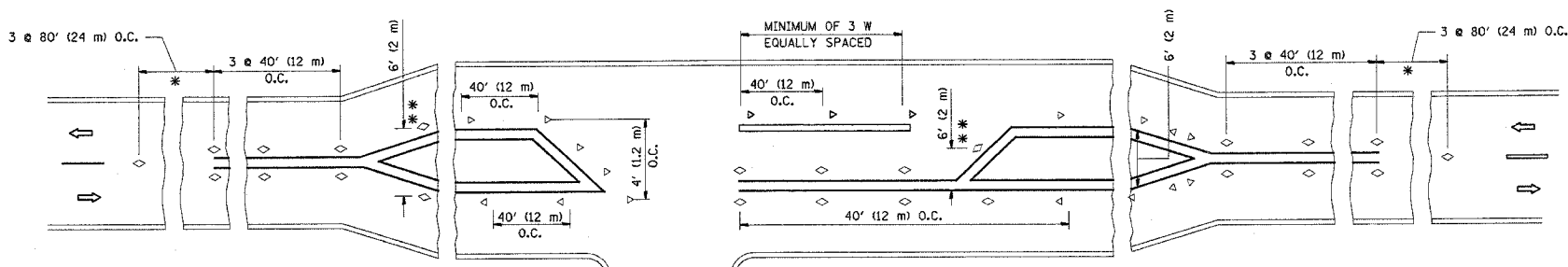
LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

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



LEFT TURN

- * SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
- ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

REVISIONS	
NAME	DATE
T. RAMMACHER	09-19-94
T. RAMMACHER	03-12-99
T. RAMMACHER	01-06-00

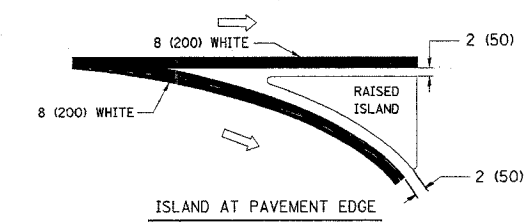
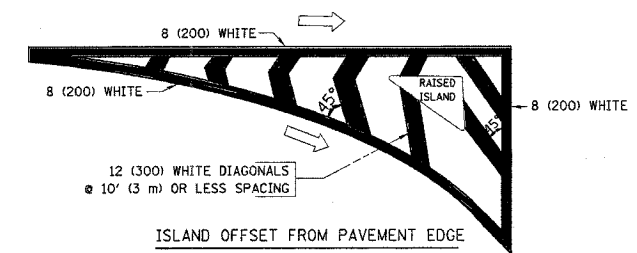
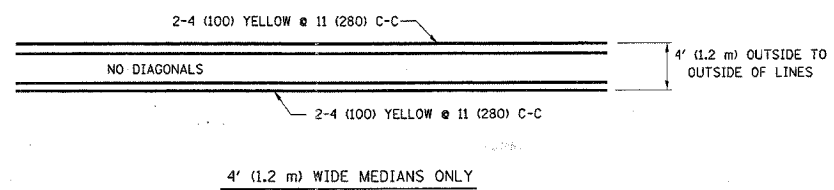
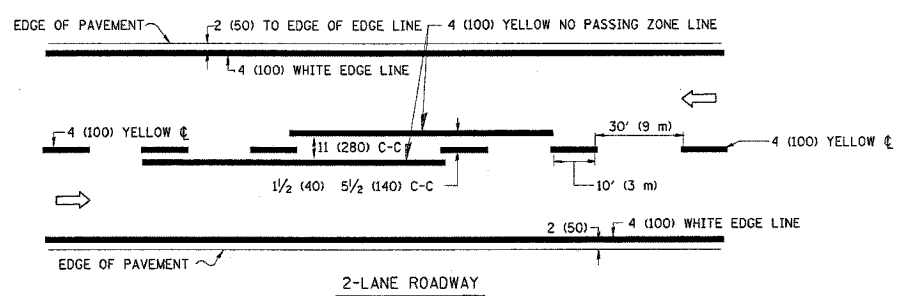
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT
MARKERS (SNOW-PLOW RESISTANT)

SCALE: NONE
 DATE: 3/29/2007

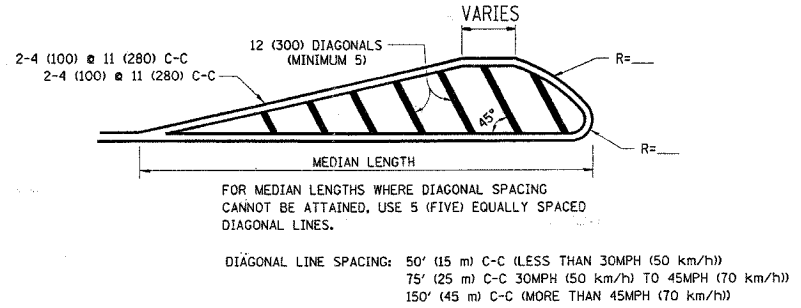
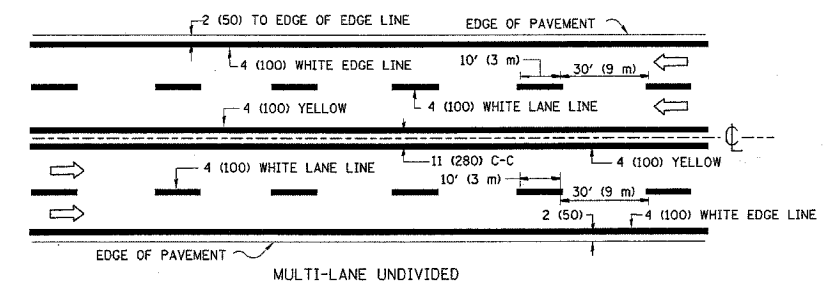
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 CHECKED BY
 TC-11

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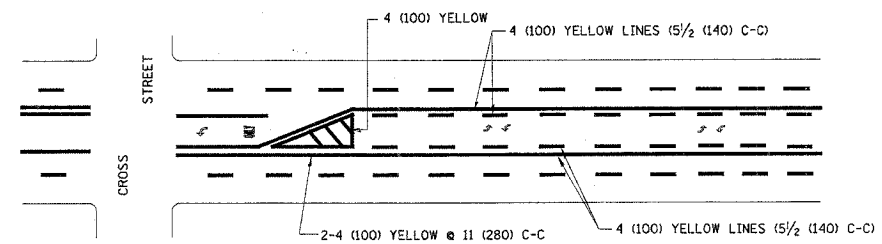
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004-117 RS	MCHENRY	26	17
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



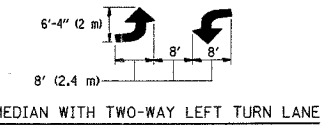
TYPICAL ISLAND MARKING



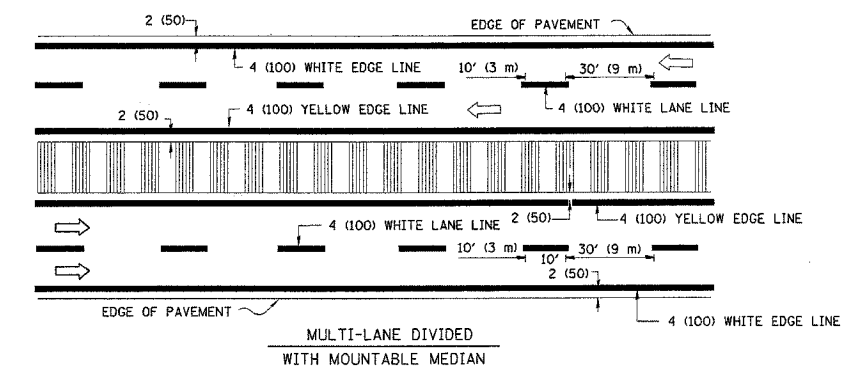
MEDIANS OVER 4' (1.2 m) WIDE



TYPICAL PAINTED MEDIAN MARKING

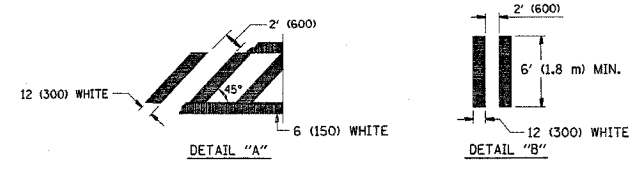
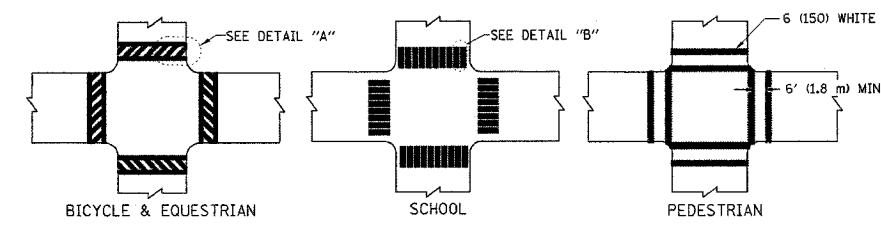


TYPICAL PAINTED MEDIAN MARKING

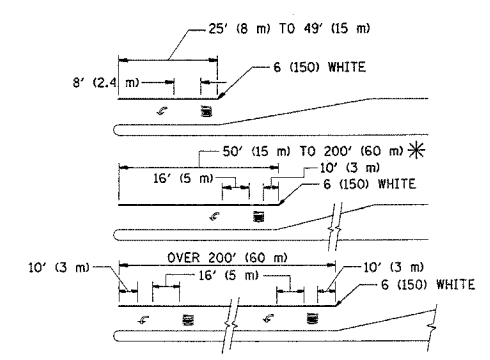


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "RR" IS 3.6 SQ. FT. (0.33 m ²) EACH "X" IS 54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

REVISIONS	
NAME	DATE
EVERS	03-19-90
T. RAMMACHER	10-27-94
ALEX HOUSEH	10-09-96
ALEX HOUSEH	10-17-96
T. RAMMACHER	01-06-00

ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE

TYPICAL PAVEMENT MARKINGS

SCALE: NONE

DATE: 3/29/2007

DRAWN BY CADD

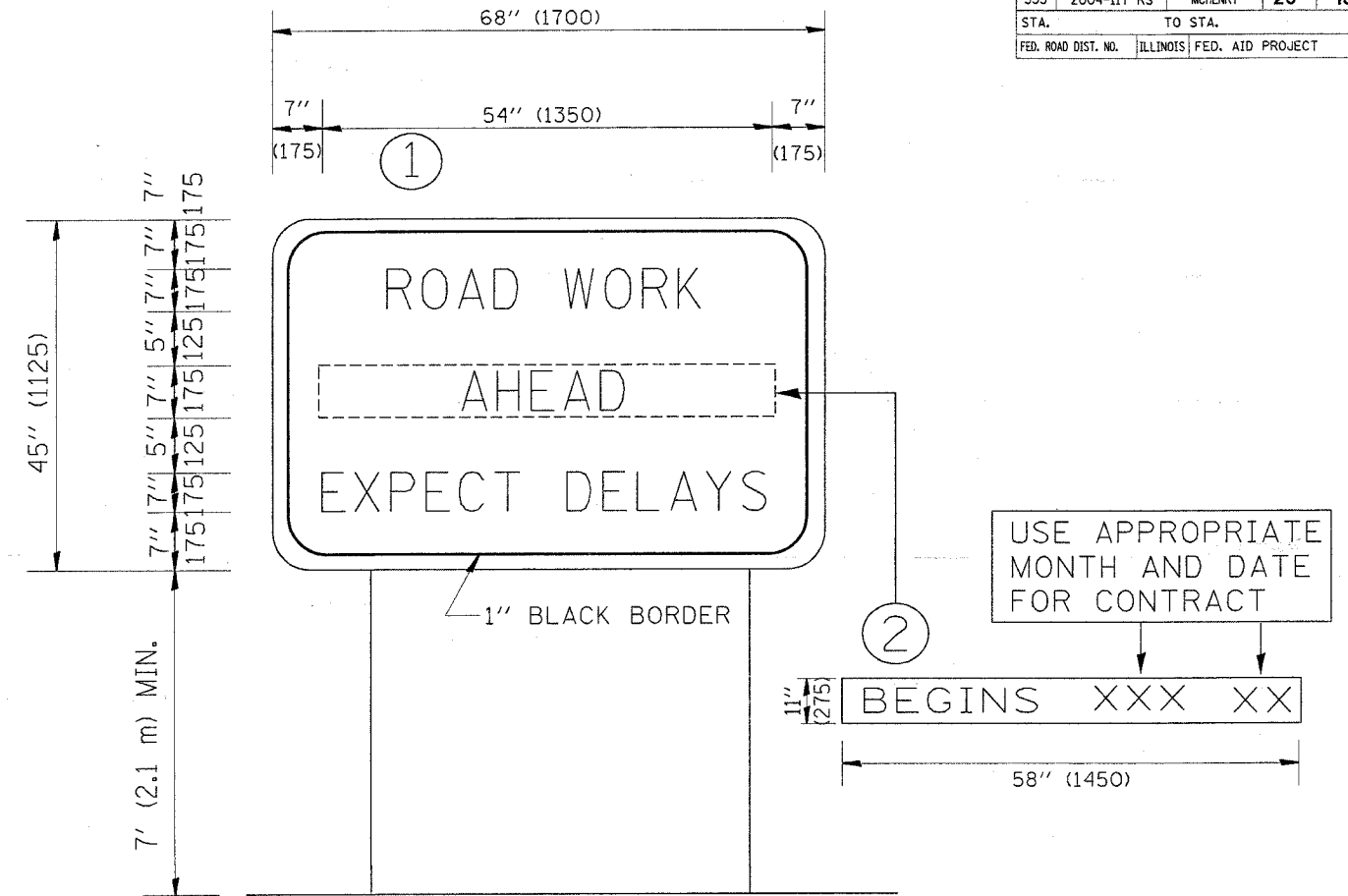
CHECKED BY

TC-13

REVISION DATE: 01/06/00

PLOT DATE = 3/29/2007
PLOT SCALE = 1/8" = 1'-0"
USER NAME = sm-thkl

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004-117 RS	MCHENRY	26	18
STA.		TO STA.		
FED. ROAD DIST. NO.		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.)

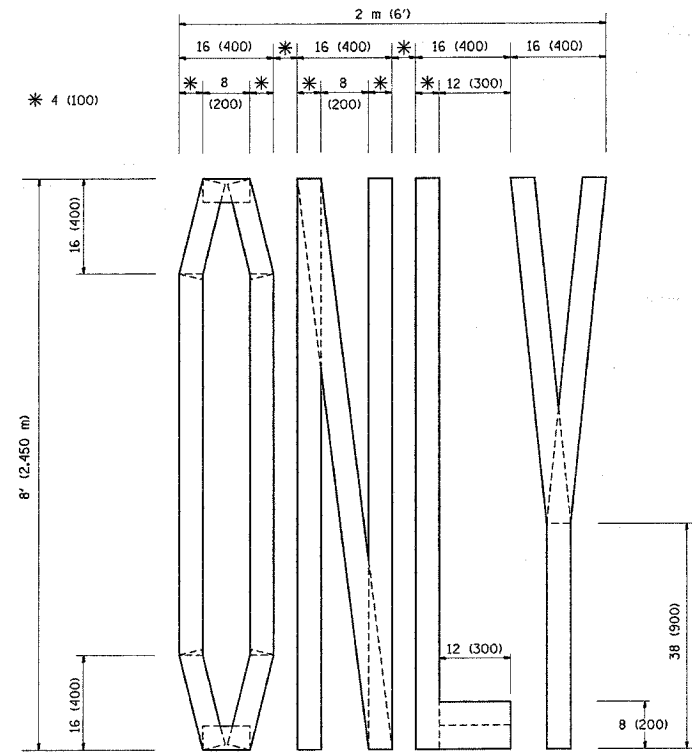
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
R. MIRS	9-15-97	TEMPORARY INFORMATION SIGNING
R. MIRS	12-11-97	
T. RAMMACHER	2-2-99	

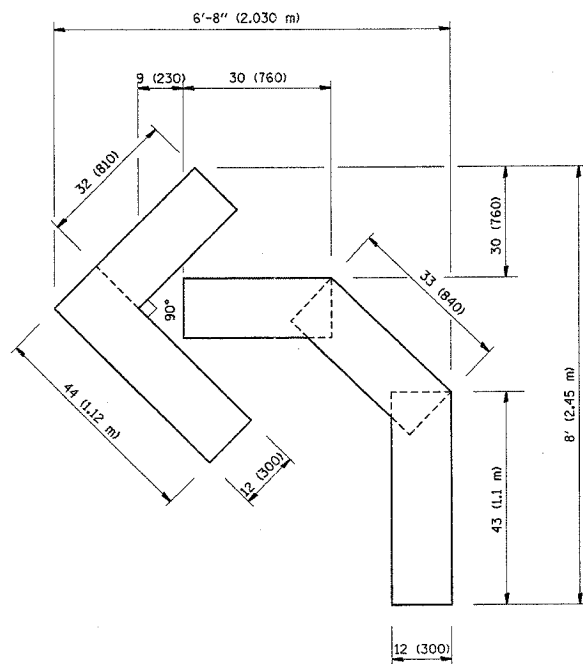
SCALE: DATE: 3/29/2007 DRAWN BY DESIGN CHECKED BY TC22 REVISION DATE: 02/02/99

PLOT DATE = 3/29/2007
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 PLOT SCALE = 60.000 / IN.
 USER NAME = amth\1

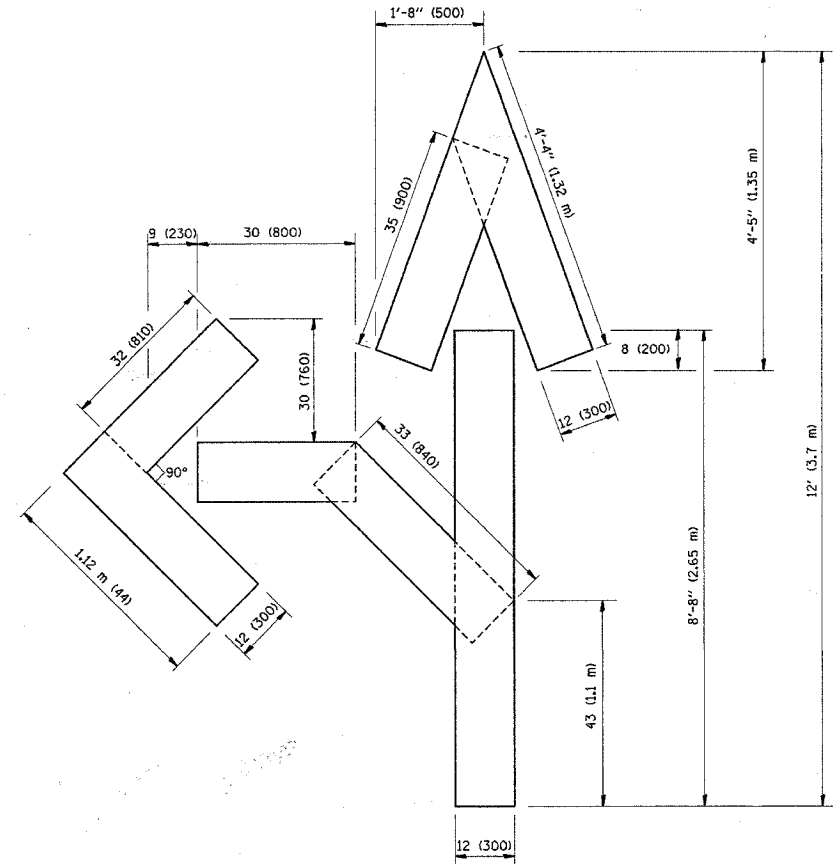
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004-117 RS	MCHENRY	26	19
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



QUANTITY
 4 (100) LINE = 64.1 ft. (19.7 m)
 21.1 sq. ft. (1.97 sq. m)



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.39 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.3 m)
 27.5 sq. ft. (2.53 sq. m)

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

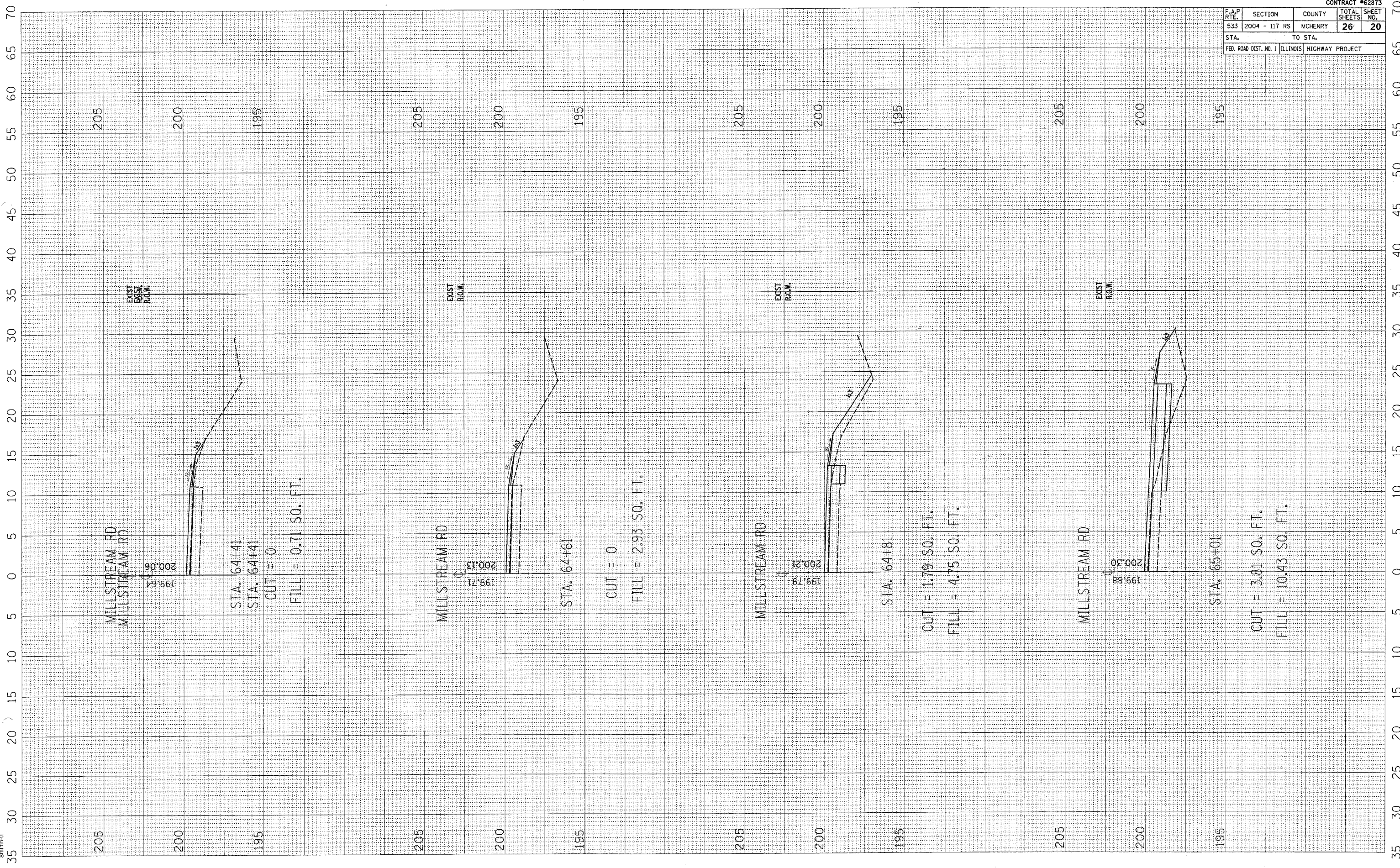
REVISIONS	
NAME	DATE
T. RAMMACHER	09/18/99
J. OBERLE	06/01/98
T. RAMMACHER	06/05/98
T. RAMMACHER	11/04/97
T. RAMMACHER	03/02/98
E. GOMEZ	06/28/00

ILLINOIS DEPARTMENT OF TRANSPORTATION
**PAVEMENT MARKING
 LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING**

SCALE: NONE
 DATE: 3/29/2007
 DRAWN BY CADD
 CHECKED BY

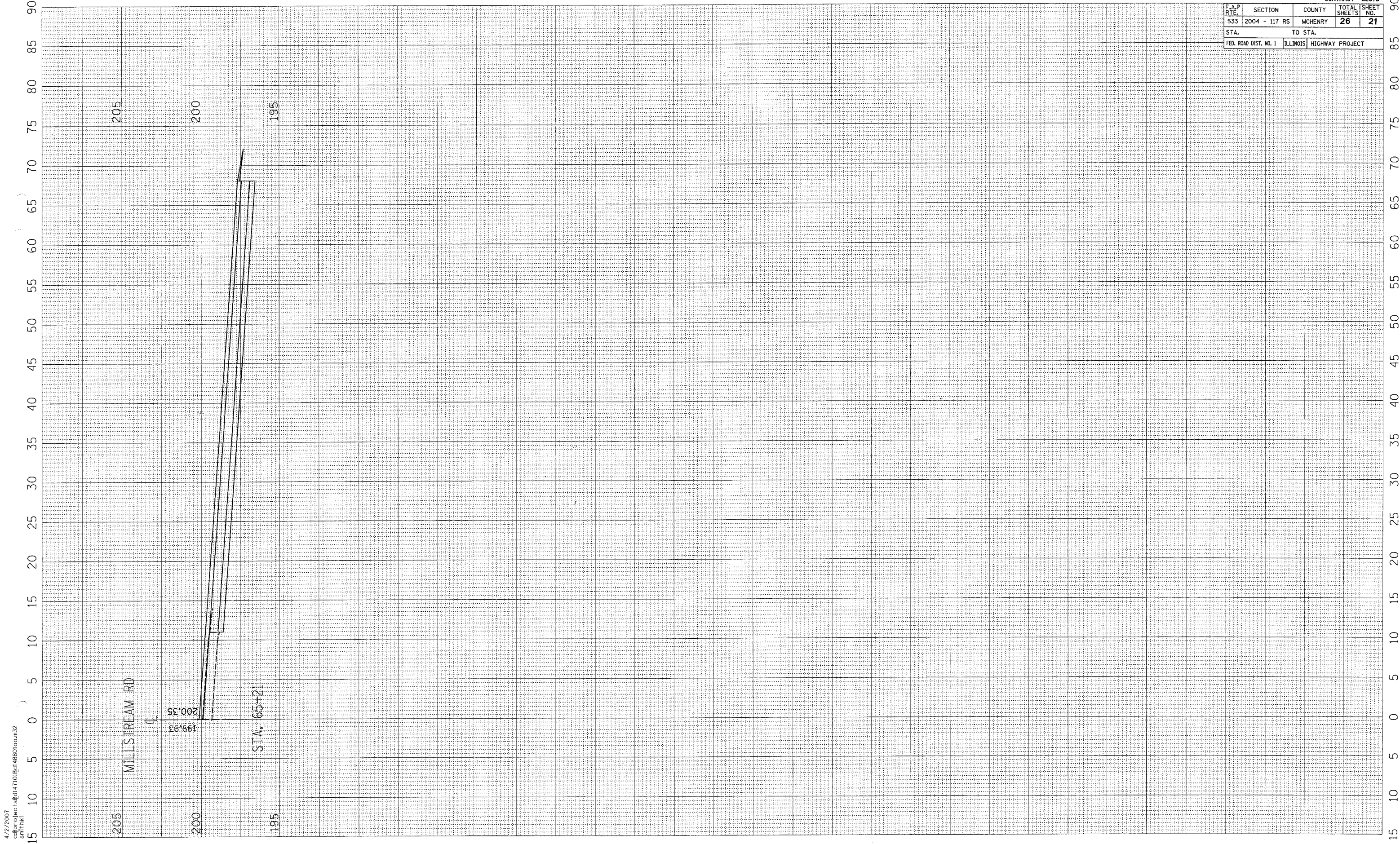
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 USER NAME = amshk1

CONTRACT #62873				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004 - 117 RS	MCHENRY	26	20
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	



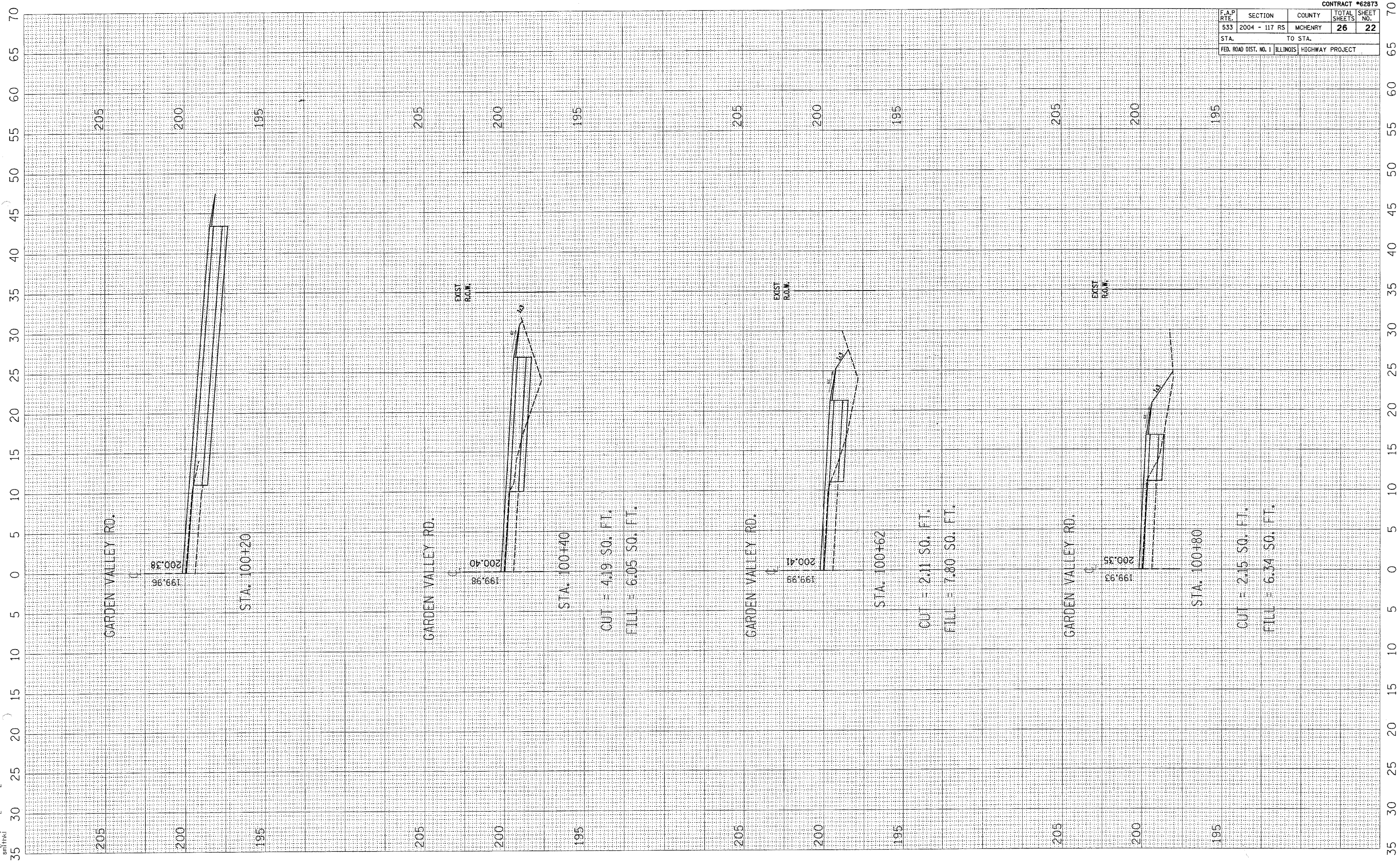
CONTRACT #62873

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004 - 117 RS	MCHENRY	26	21
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	HIGHWAY PROJECT	



4/2/2007
 c:\p\proj\c\147101\pl\68801\oam32
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004 - 117 RS	MCHENRY	26	22
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS HIGHWAY PROJECT		



GARDEN VALLEY RD.

STA. 100+20

GARDEN VALLEY RD.

STA. 100+40

CUT = 4.19 SO. FT.
FILL = 6.05 SO. FT.

GARDEN VALLEY RD.

STA. 100+62

CUT = 2.11 SO. FT.
FILL = 7.80 SO. FT.

GARDEN VALLEY RD.

STA. 100+80

CUT = 2.15 SO. FT.
FILL = 6.34 SO. FT.

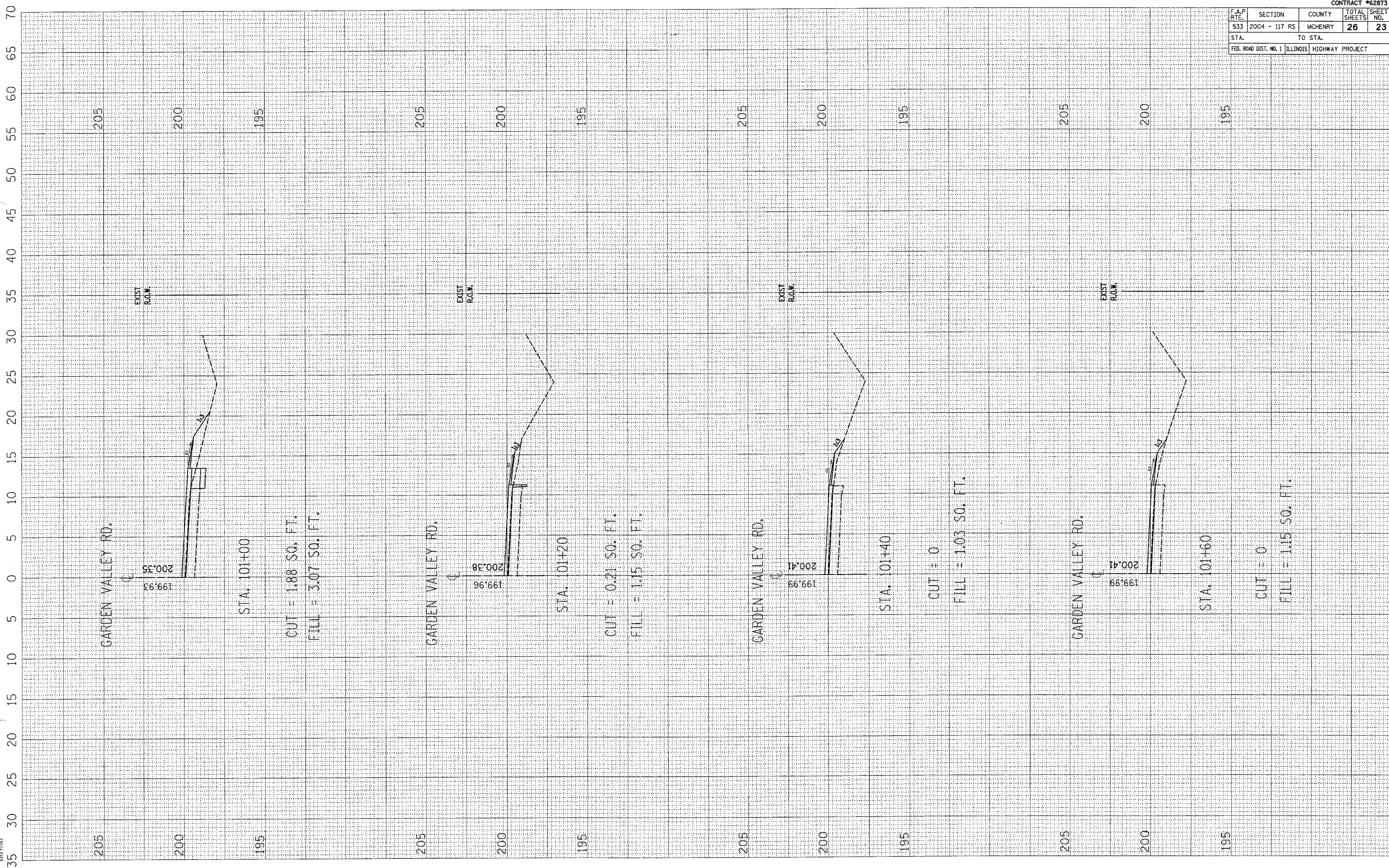
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R.O.W.

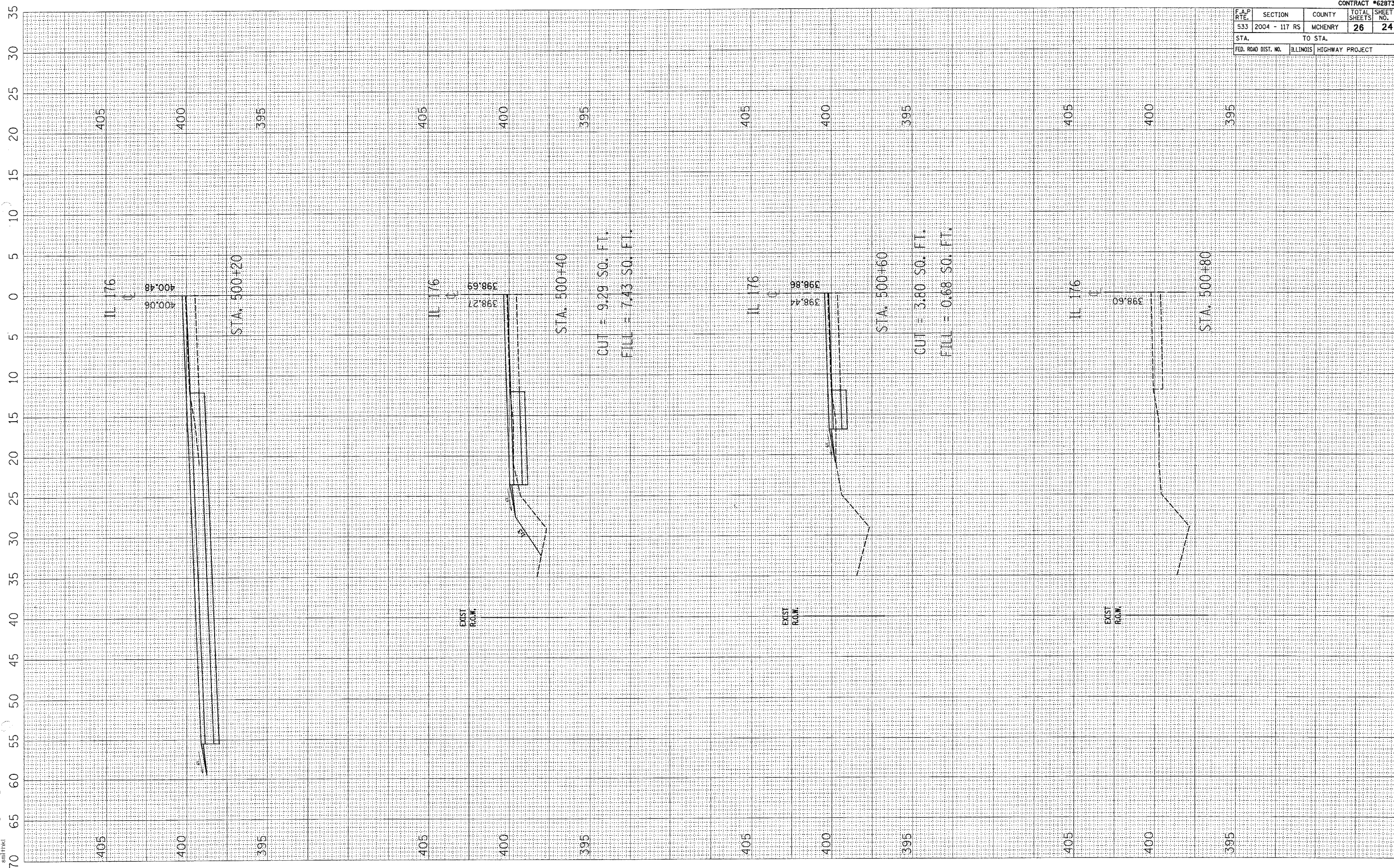
EXIST
R.O.W.

EXIST
R.O.W.

CONTRACT #62873

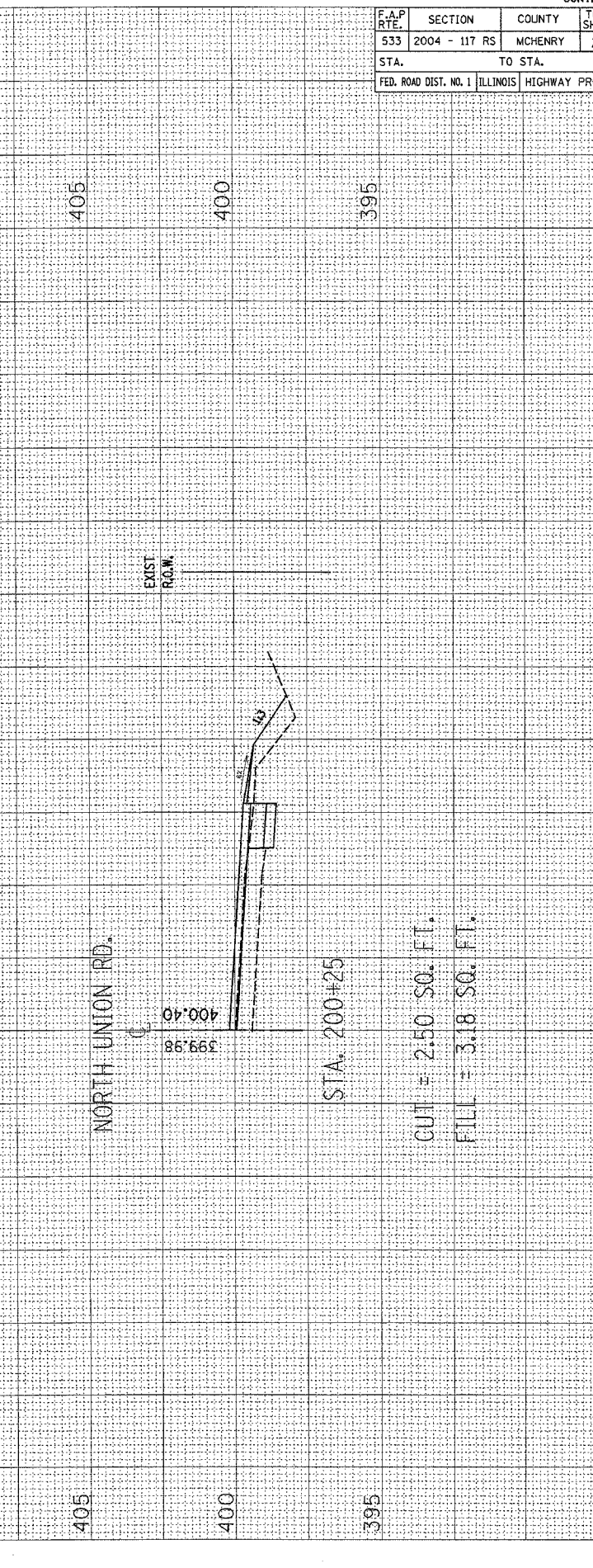
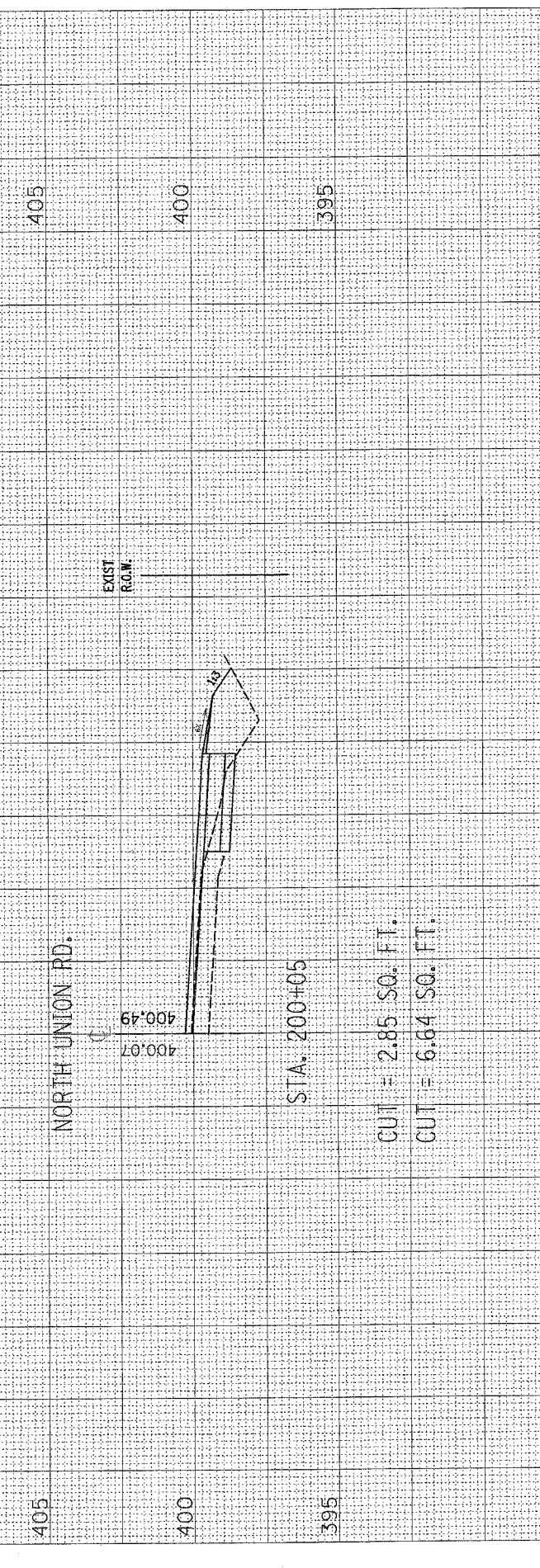
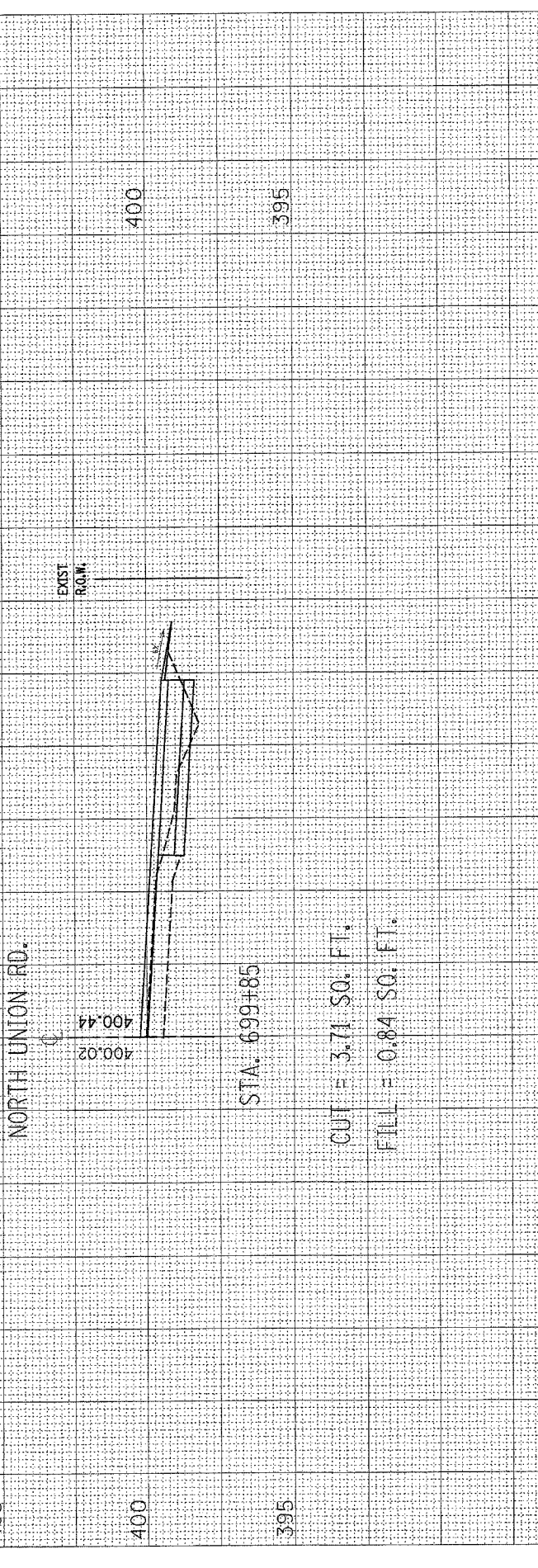
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004 - 117 RS	MCHENRY	26	23
STA. 101+00		TO STA. 101+60		
FED. ROAD DIST. NO. 1 ILLINOIS HIGHWAY PROJECT				





CONTRACT #62873				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004 - 117 RS	MCHENRY	26	24
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	HIGHWAY PROJECT		

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



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	2004 - 117 RS	MCHENRY	26	25
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS HIGHWAY PROJECT				

CONTRACT #62873

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

