06-10-2016 LETTING ITEM 017

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

2014-061-RS

D-91-043-15

DUPAGE ILLINOIS CONTRACT NO. 60Y96

FOR INDEX OF SHEETS, SEE SHEET NO. 2

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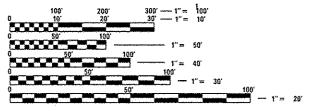
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THIS PROJECT IS LOCATED IN THE VILLAGE OF WOODRIDGE

TRAFFIC DATA

POSTED SPEED LIMIT = 25-45 MPH ADT - NOT AVAILABLE

> **PROJECT BEGINS** STA. 0 + 97



ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

PROJECT ENGINEER: KARI SMITH (847) 705-4437 PROJECT MANAGER: KEN ENG

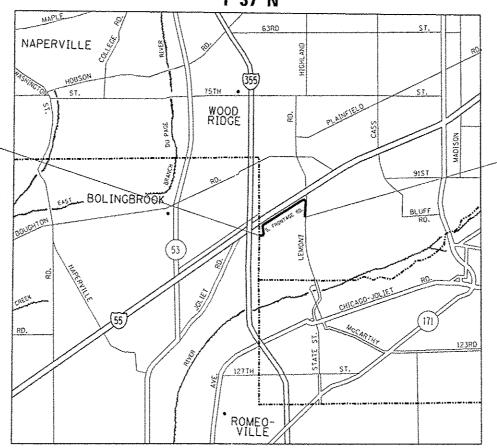
CONTRACT NO. 60Y96

PROPOSED HIGHWAY PLANS

F.A.I. ROUTE 55 (I-55 S FRONTAGE ROAD) **WOODWARD AVE. TO 97TH ST. W OF LEMONT RD.**

> **SECTION: 2014-061-RS RESURFACING DUPAGE COUNTY** C-91-043-15 ACSTP-0055(454)

> > T 37 N



DOWNERS GROVE TOWNSHIP

GROSS LENGTH = 7,153 FT. = 1.35 MILE NET LENGTH = 7,153 FT. = 1.35 MILE

PROJECT ENDS STA. 72 + 50

STATE OF ILLINOIS

LOCATION OF SECTION INDICATED THUS: -

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO	- DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
3-4	SUMMARY OF QUANTITIES
5-6	TYPICAL SECTIONS
7~9	ROADWAY AND PAVEMENT MARKING PLANS
10	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)
11	BUTT JOINT AND HMA TAPER DETAILS (BD-32)
12	TRAFFIC CONTROL AND PROTECTION FOR SIDEROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
13	RAISED REFLECTIVE PAVEMENT MARKERS (TC-11)
14	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
15	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING (TC-16)
16	ARTERIAL ROAD INFORMATION SIGN (TC-22)

STATE STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442201-03	CLASS C AND D PATCHES
701011-04	OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L. 2W, SLOW MOVING OPERATIONS DAY ONLY FOR SPEEDS \geq 45 MPH
701311-03	LANE CLOSURE, 2L, 2W. MOVING OPERATIONS - DAY ONLY
701336-06	LANE CLOSURE. 2L, 2W, WORK AREAS IN SERIES FOR SPEEDS 2 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901 <i>- 05</i>	TRAFFIC CONTROL DEVICES

GENERAL NOTES

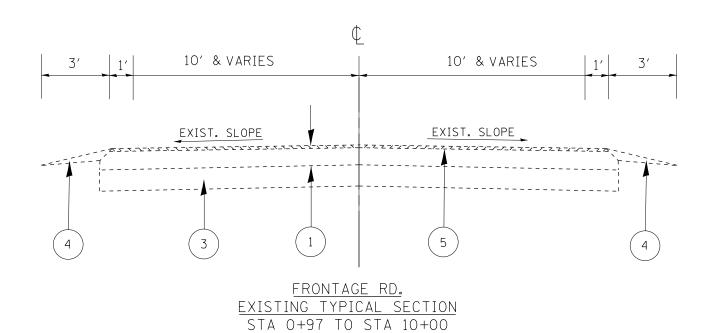
- 1. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.
- ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
- 3. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- 4. ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 6. 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.
- 7. THE CONTRACTOR SHALL BE REDUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- 8. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- 9. PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES. THE COST OF THE PAVEMENT MARKING TAPE, TYPE III AND ITS REMOVAL SHALL BE INCOLUDED IN THE COST OF SHORT TERM PAVEMENT MARKING.
- 10. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 40 MPH OR LESS, AND 1 INCH. WHERE THE SPEED LIMIT IS OVER 40 MPH. WITH 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).
- 11. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- 12. UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURE AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING.
- 13. THE RESIDENT ENGINEER SHALL CONTACT ERIC CAMPOS (ERIC.CAMPOS@ILLINOIS.GOV), AREA TRAFFIC FIELD ENGINEER, AT (847)-485-6475 A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 14. THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO BEGINNING WORK.

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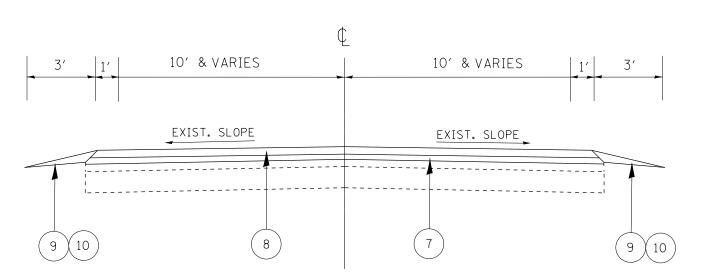
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STA 63+00 TO STA 72+50



FRONTAGE RD.

PROPOSED TYPICAL SECTION

STA 0+97 TO STA 10+00

STA 63+00 TO STA 72+50

LEGEND

- (1) EXISTING HMA SURFACE COURSE, 3 3/4" AND VARIES
- (2) EXISTING FULL DEPTH HMA, 12" AND VARIES
- (3) EXISTING AGGRAEGATE BASE COURSE, 8" AND VARIES
- (4) EXISTING AGGREGATE SHOULDER
- (5) PROPOSED HMA SURFACE REMOVAL, 1/2"
- (6) PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- (7) proposed polymerized leveling binder (machine method), il-4.75, N50, $\frac{3}{4}$ "
- (8) PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 $\frac{1}{2}$ "
- (9) PROPOSED GRADING AND SHAPING SHOULDERS
- (10) PROPOSED AGGREGATE WEDGE SHOULDERS, TYPE B

	HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT
	MIXTURE TYPE	AIR VOIDS @ Ndes	PROGRAM (QMP)
SING	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 mm)	4% @ 70 GYR.	QCP
RESURFACING	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% @ 50 GYR.	QC/QA
RESI	CLASS D PATCHES (HMA BINDER IL-19 mm), 12"	4% @ 70 GYR.	QC/QA
RIVEWAYS	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9,5 mm); 2"	4% @ 50 GYR.	QC/QA
DRIVEV	HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19 mm); 6"	4% @ 50 GYR.	QC/QA

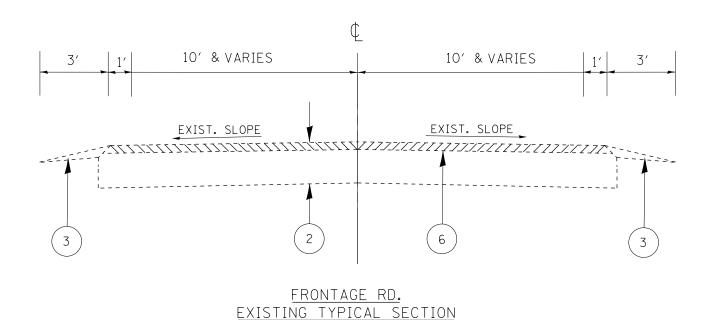
OMP DESIGNATION: QUALITY CONTROL/ QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)

NOTES:

- 1. THE CONTRACTOR SHALL MILL BEFORE PATCHING
- 2. THE UNIT WEIGHT TO BE USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- 3. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

 QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

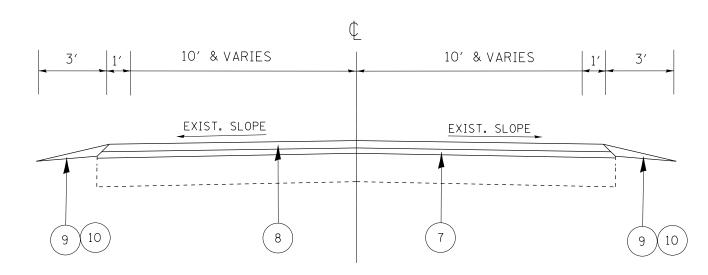
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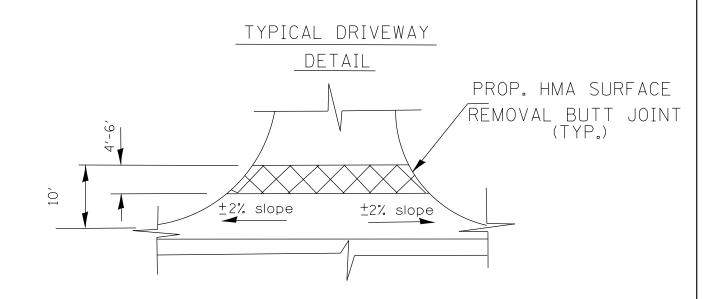
STA 10+00 TO STA 63+00

LEGEND

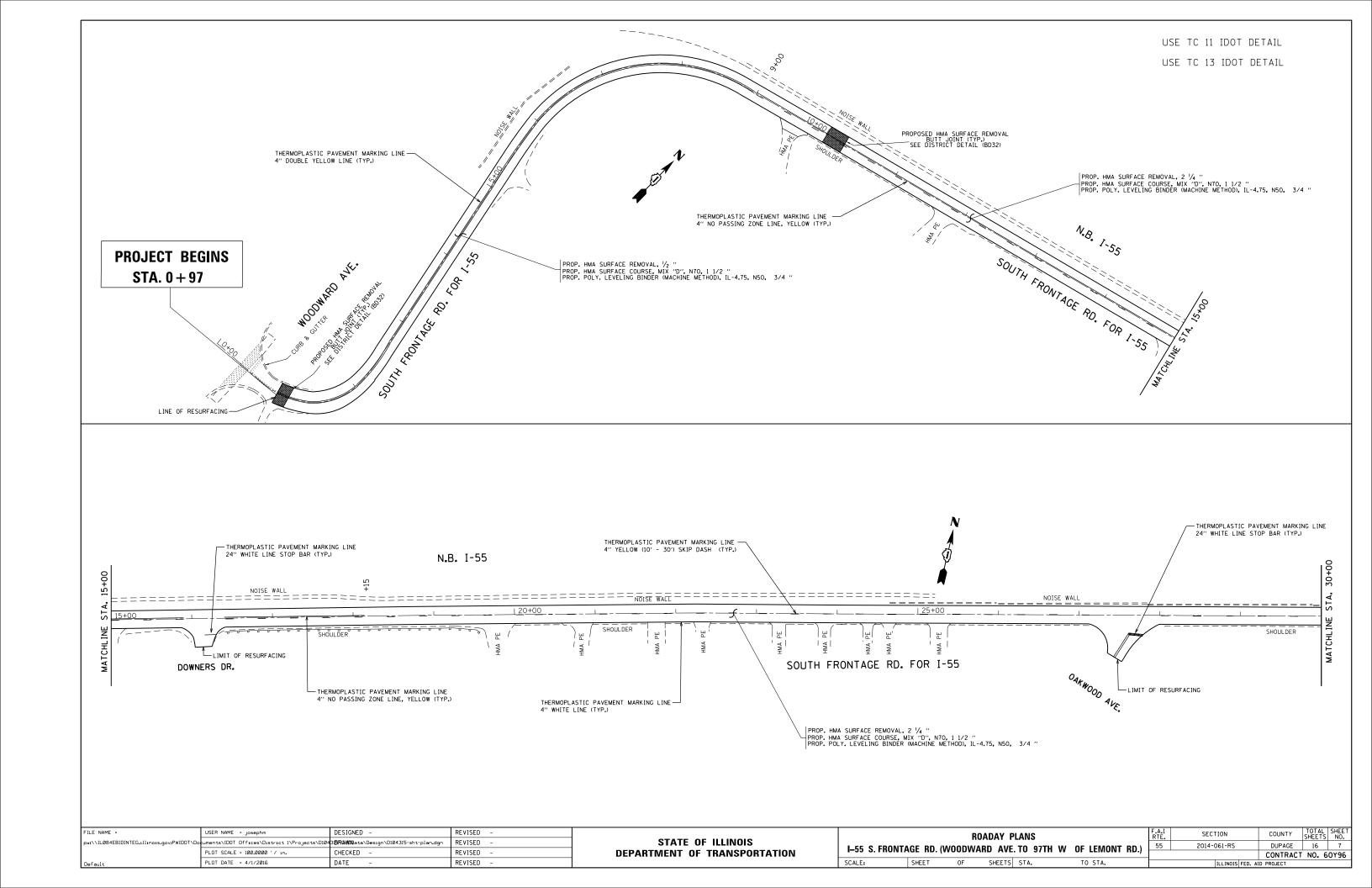
- (1) EXISTING HMA SURFACE COURSE, 3 $\frac{3}{4}$ " AND VARIES
- (2) EXISTING FULL DEPTH HMA, 12" AND VARIES
- (3) EXISTING AGGRAEGATE BASE COURSE, 8" AND VARIES
- (4) EXISTING AGGREGATE SHOULDER
- (5) PROPOSED HMA SURFACE REMOVAL, $\frac{1}{2}$ "
- (6) PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- (7) proposed polymerized leveling binder (machine method), il-4.75, N50, $rac{3}{4}$ $^{\prime\prime}$
- (8) PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 $\frac{1}{2}$ "
- (9) PROPOSED GRADING AND SHAPING SHOULDERS
- (10) PROPOSED AGGREGATE WEDGE SHOULDERS, TYPE B

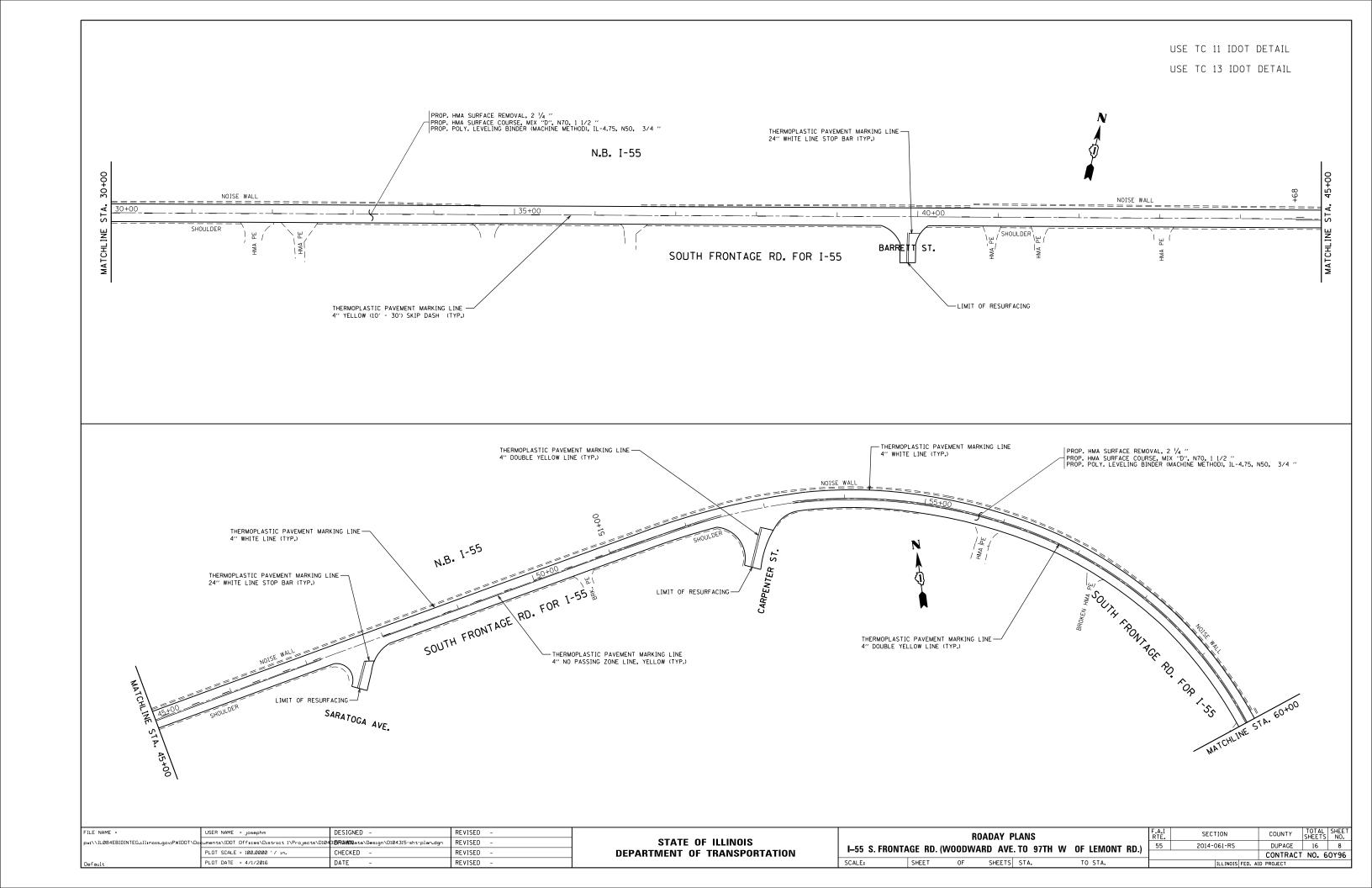


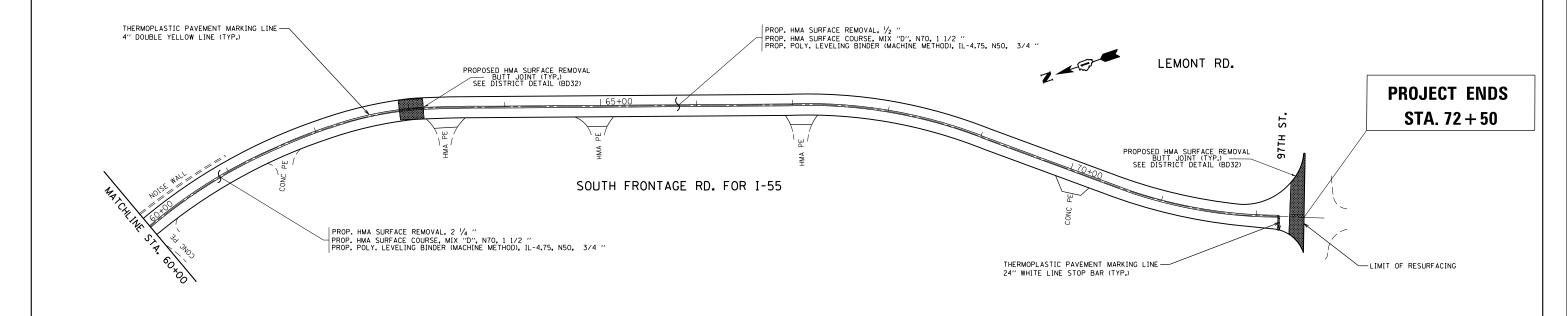




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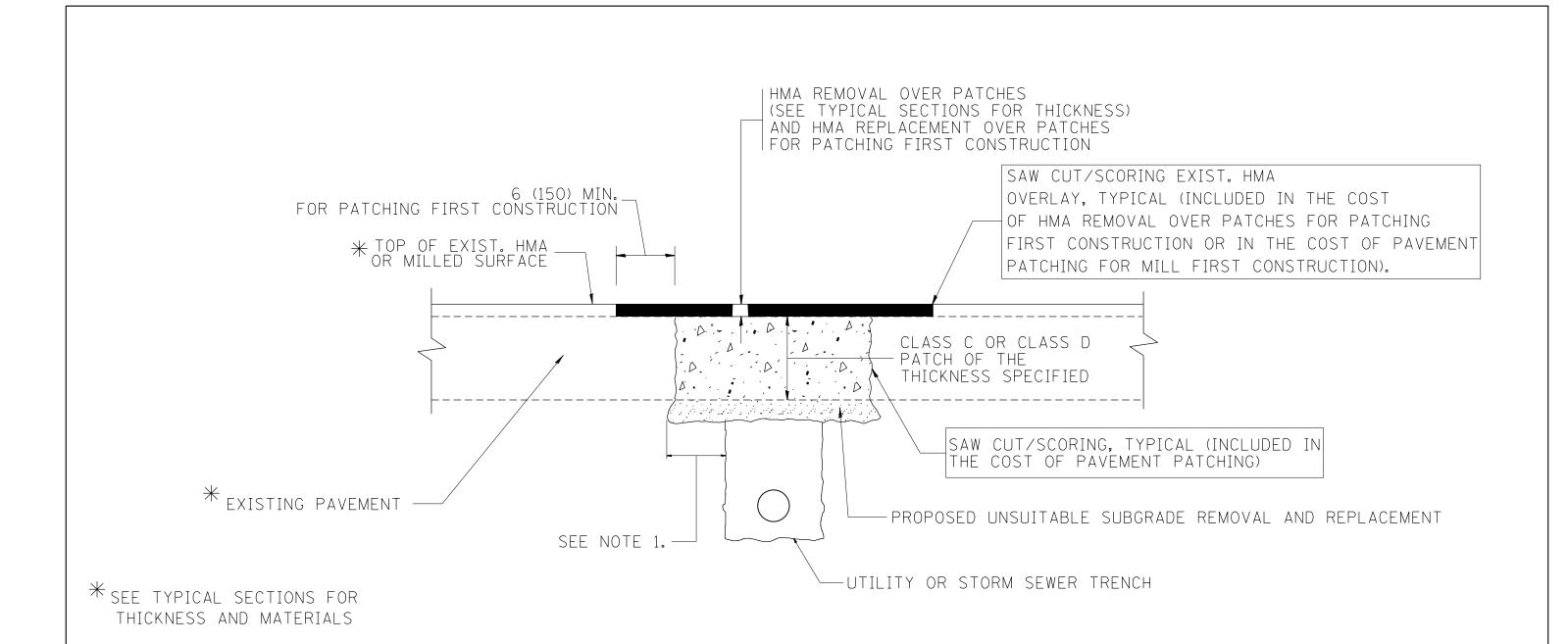




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Default	PLOT DATE = 4/1/2016	DATE -	REVISED -

ROADAY PLANS										
I-55 S. FRONTA	AGE RD.	(WOODWARD	AVE. TO	97TH W	OF LEMONT	RD.)	5			
SCALE:	SHEET	OF S	HEETS STA		TO STA.					

F.A.I RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-061-RS		DUPAGE	16	9
			CONTRACT	NO. 6	0Y96
	ILLINOIS FE	ED. A	ID 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 (PATCHING FIRST)

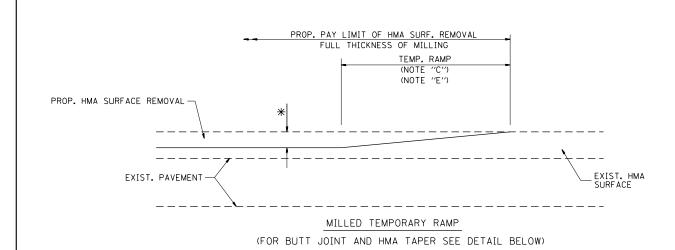
- 1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
- 2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
- 3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

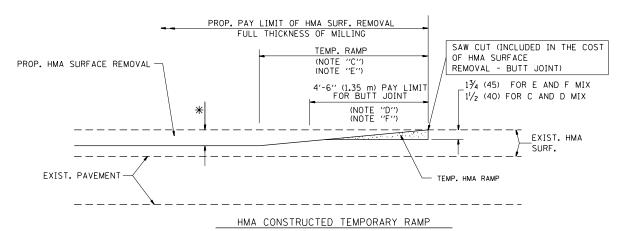
- 1. MILL HMA FIRST IF THERE IS AT LEAST 41/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
- 2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

- [FILE NAME =	USER NAME = josephm	DESIGNED - R. SHAH	REVISED -	A. ABBAS 04-27-98			PAVEMENT PATCHING FOR		F.A.I.	SECTION		OTAL SHEET HEETS NO.
١,	pw:\\ILØ84EBIDINTEG.1l1:no1s.gov:PWIDOT\Do	cuments\IDOT Offices\District 1\Projects\D104	3 BRAWIN ata\Design\DistStd.dgn	REVISED -	R. BORO 01-01-07	STATE OF ILLINOIS				55	2014-061-RS	DUPAGE 1	16 10
		PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	R. BORO 09-04-07	DEPARTMENT OF TRANSPORTATION		HMA SURFACED PAVEMENT		В	D400-04 (BD-22)	CONTRACT NO	O. 60Y96
		PLOT DATE = 4/1/2016	DATE - 10-25-94	REVISED -	K. ENG 10-27-08		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA.	TO STA.		D DIST, NO. 1 ILLINOIS FED. AI		



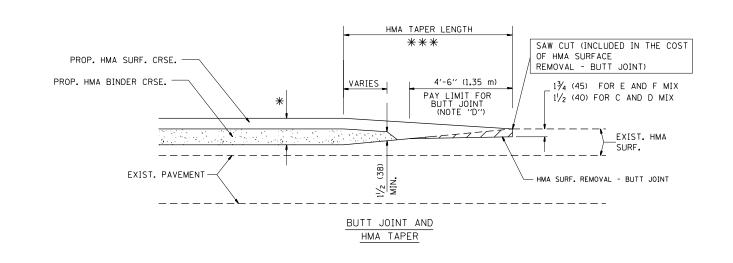
OPTION 1



(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

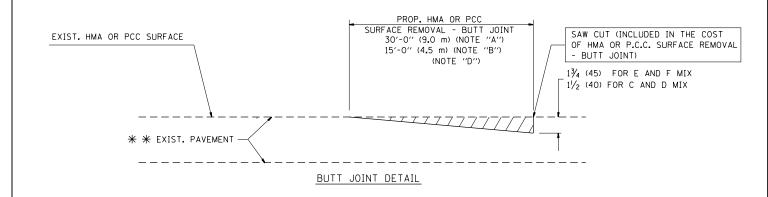
OPTION 2

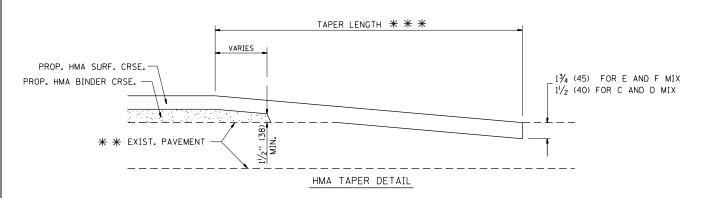
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION





TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

* * PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

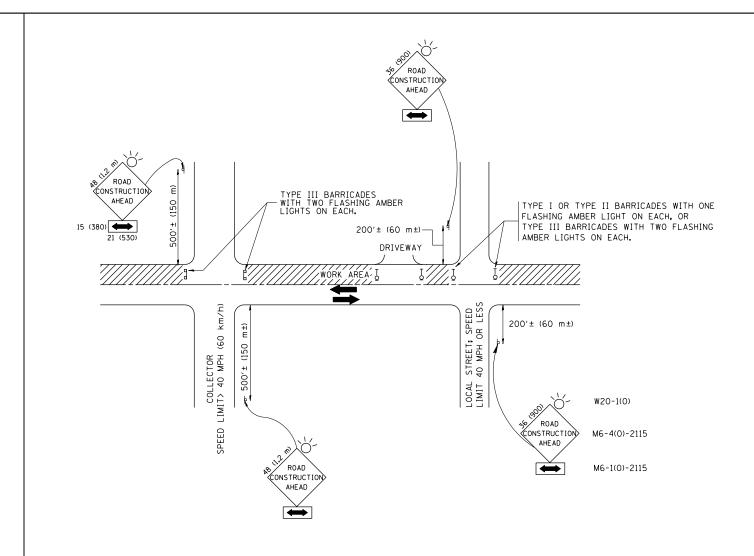
NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- : 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")

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".

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



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 \times 48 (1.2 m \times 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROLLTE.
- 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).

SCALE: NONE

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.

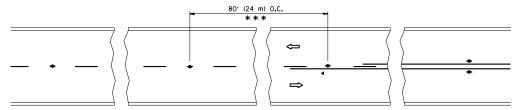
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

FILE NAME =	USER NAME = Josephm	DESIGNED - LHA	REVISED	-	J. OBERLE 10-18-95
pw:\\IL084EBIDINTEG.:ll:no:s.gov:PWIDOT\Do	cuments\IDOT Offices\District 1\Projects\D104	3 BRAWIN ata\Design\DistStd.dgn	REVISED	-	A. HOUSEH 03-06-96
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED	-	A. HOUSEH 10-15-96
	PLOT DATE = 4/1/2016	DATE - 06-89	REVISED	- T	. RAMMACHER 01-06-00

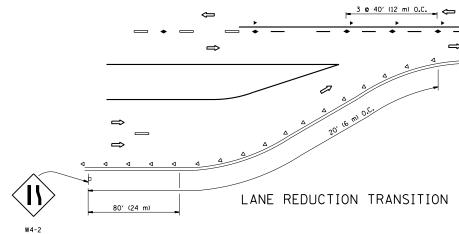
STATI	E OF	: ILLINOIS
DEPARTMENT	0F	TRANSPORTATION

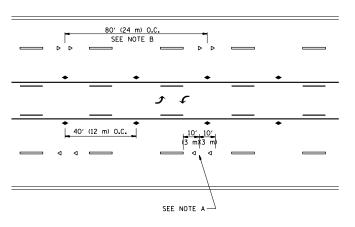
TRAFFIC CONTROL AND PROTECTION FOR	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS	55	2014-061-RS	DUPAGE	16	12
SIDE ROADS, INTERSECTIONS, AND DRIVEWATS		TC-10	CONTRACT	NO. 6	0Y96
SHEET NO. 1 OF 1 SHEETS STA. TO STA.	EED B	DOAD DIST NO 1 THE INDIS EED A	ID PROJECT		



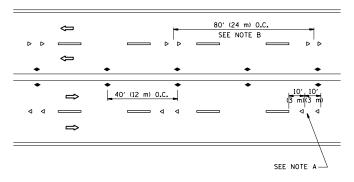
*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

TWO-LANE/TWO-WAY

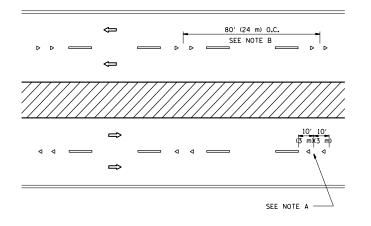




TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

- 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.

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.

SYMBOLS

---- YELLOW STRIPE

WHITE STRIPE

- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (₩/O)
- ◆ TWO-WAY AMBER MARKER

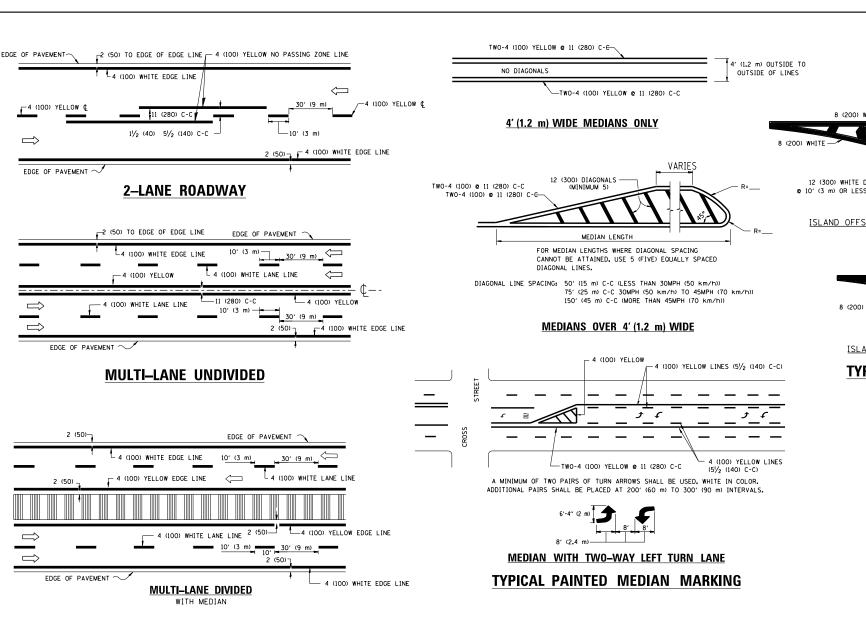
DESIGN NOTES

- 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 SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
- 4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

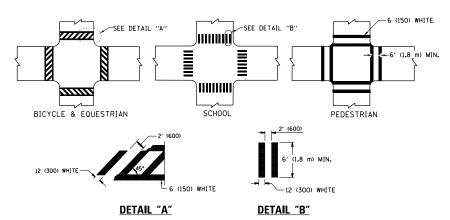
LEFT TURN

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

=	USER NAME = Josephm	DESIGNED -	REVISED - T. RAMMACHER 09-19-94			TVDICAL ADDITO	NTIONS	F.A.I.	SECTION	COUNTY	SHEETS N	HEET NO.
EBIDINTEG.:111:no:s.gov:PWIDOT\Do	cuments\IDOT Offices\District 1\Projects\D104	3 5R/AADN ata\Design\DistStd.dgn	REVISED -T. RAMMACHER 03-12-99	STATE OF ILLINOIS				55	2014-061-RS	DUPAGE	16 1	13
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -T. RAMMACHER 01-06-00	DEPARTMENT OF TRANSPORTATION	RAISED F	REFLECTIVE PAVEMENT MARKER	RS (SNOW-PLOW RESISTANT)		TC 11		NO. 60Y	96
	PLOT DATE = 4/1/2016	DATE -	REVISED - C. JUCIUS 09-09-09		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST.				
=	BIDINTEG.illinois.gov:PWIDOT\Do	BIDINTEG.111:nois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D104 PLOT SCALE = 100.0000 '/ in.	BIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Di843BRAMMata\Design\DistStd.dgn PLOT SCALE = 100.0000 '/ in. CHECKED -	BIDINTEG.Illnois.gov:PWIDOT\Documents\IDOT Offices\District i\Projects\Di043BRAMINota\Design\DistStd.dgn REVISED -T. RAMMACHER 03-12-99 PLOT SCALE = 100.0000 '/ in. CHECKED - REVISED -T. RAMMACHER 01-06-00	BIDINTEG.111nois.gov:PWIDOT\Do uments\IDOT Offices\District 1\Projects\Di043BRAMINoto\Design\DistStd.dgn REVISED -T. RAMMACHER 03-12-99 PLOT SCALE = 100.0000 '/ in. CHECKED - REVISED -T. RAMMACHER 01-06-00 DEPARTMENT OF TRANSPORTATION	BIDINTEG.111nois.gov:PWIDOT\Do uments\IDOT Offices\District 1\Projects\Did 3BRANDistStd.dgn REVISED -T. RAMMACHER 03-12-99 PLOT SCALE = 100.0000 '/ in. CHECKED - REVISED -T. RAMMACHER 01-06-00 BIDINTEG.111nois.gov:PWIDOT\Do uments\IDOT Offices\District 1\Projects\Did 3BRANDistStd.dgn REVISED -T. RAMMACHER 03-12-99 PLOT SCALE = 100.0000 '/ in. CHECKED - REVISED -T. RAMMACHER 01-06-00 BEDINTEG.111nois.gov:PWIDOT\Do uments\IDOT Offices\District 1\Projects\Did 3BRANDistStd.dgn REVISED -T. RAMMACHER 03-12-99 BEDINTEG.111nois.gov:PWIDOT\Do uments\IDOT Offices\District 1\Projects\Did 3BRANDistStd.dgn REVISED -T. RAMMACHER 03-12-99 BEDINTEG.111nois.gov:PWIDOT\Do uments\IDOT Offices\District 1\Projects\Did 3BRANDistStd.dgn REVISED -T. RAMMACHER 03-12-99 BEDINTEG.111nois.gov:PWIDOT\Do uments\IDOT Offices\District 1\Projects\Did 3BRANDistStd.dgn ReVISED -T. RAMMACHER 03-12-99 BEDINTEG.111nois.gov:PWIDOT\Do uments\IDOT Offices\District 1\Projects\Did 3BRANDistStd.dgn ReVISED -T. RAMMACHER 03-12-99 BEDINTEG.111nois.gov:PWIDOT\Do uments\IDOT Offices\District 1\Projects\Did 3BRANDistStd.dgn ReVISED -T. RAMMACHER 03-12-99 BEDINTEG.111nois.gov:PWIDOT\Do uments\IDOT Offices\District 1\Projects\Did 3BRANDistStd.dgn ReVISED -T. RAMMACHER 03-12-99 BEDINTEG.111nois.gov:PWIDOT\Do uments\IDOT Offices\District 1\Projects\District	BIDINTEG.111nois.gov/PWIDDT\Documents\IDDT Offices\District 1\Projects\Did 3BRAWINata\Design\DistStd.dgn REVISED -T. RAMMACHER 03-12-99 PLOT SCALE = 100.0000 '/ in. CHECKED - REVISED -T. RAMMACHER 01-06-00 BIDINTEG.111nois.gov/PWIDDT\Documents\IDDT Offices\District 1\Projects\Did 3BRAWINata\Design\DistStd.dgn REVISED -T. RAMMACHER 03-12-99 BIDINTEG.111nois.gov/PWIDDT\Documents\IDDT Offices\District 1\Projects\District 1\Projects\Did 3BRAWINata\Design\DistStd.dgn REVISED -T. RAMMACHER 03-12-99 BIDINTEG.111nois.gov/PWIDDT\Documents\DistTruct BIDINTEG.111nois.gov/PWIDDT\Documents\Documents\Documents\DistTruct BIDINTEG.111nois.gov/PWIDDT\Documents\Documents\Documents\Documents\Documents\Documents\Documents\Documents\Documents\Documents\Documents\Documents\Documents\Docum	BIDINTEG.Ill:nois-gov:PWIDOT\Documents\IDDT Offices\District I\Projects\District I\Pro	REVISED -T. RAMMACHER 01-06-00 REVISED -T. RAMMACHER 01-06-00 REVISED -T. RAMMACHER 01-06-00 REVISED -T. RAMMACHER 01-06-00 DEPARTMENT OF TRANSPORTATION RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)	REVISED -T. RAMMACHER 03-12-99 PLOT SCALE = 100.0000 // in. CHECKED - REVISED -T. RAMMACHER 01-06-00 REVISED -T. RAMMACHER 01-06-00 DEPARTMENT OF TRANSPORTATION TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) TC-11	BIBINTEG.Ill:nois-gov:PWIDOT\Documents\IDOT\Offices\District\I\Projects\District\I\Pro	TYPICAL APPLICATIONS REVISED -T. RAMMACHER 03-12-99 PLOT SCALE = 100.0000 // in. CHECKED - REVISED -T. RAMMACHER 01-06-00 REVISED -T. RAMMACHER 01-06-00 DEPARTMENT OF TRANSPORTATION TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) TC-11 CONTRACT NO. 60YS



TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

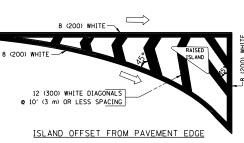
−50′ (15 m) TO 200′ (60 m) ** OVER 200' (60 m) - 6 (150) WHITE

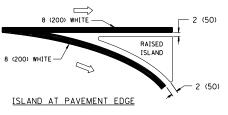
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SO. FT. (1.5 m²) ONLY AREA = 20.8 SO. FT. (1.9 m²)

* 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".

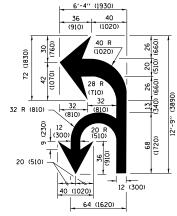
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

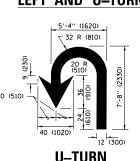


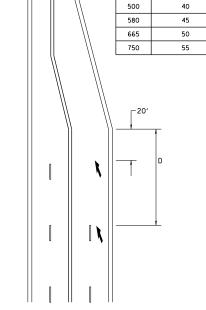


TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN





D(FT)

425

SPEED LIMIT

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

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	5½ (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 MEDIANS IN YELLOW
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	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (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 CROSSMALK, IF PRESENT. OTHERMISE, 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: "R"=3.6 SO. FT. (0.33 m²) EACH "X"=54.0 SO. FT. (5.0 m²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	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 (0VER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

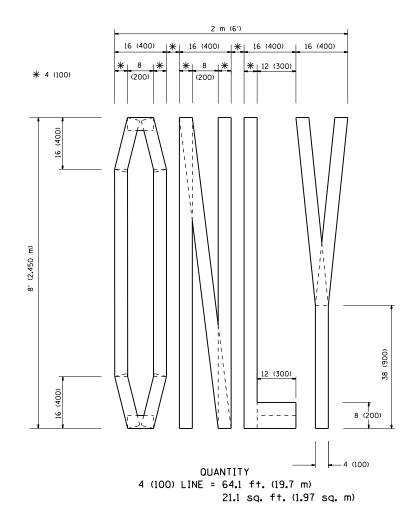
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

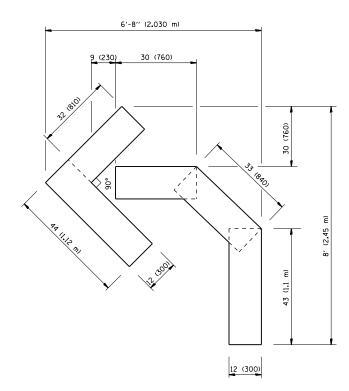
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME = DESIGNED - EVERS REVISED -T. RAMMACHER 10-27-94 ow:\\ILØ84EBIDINTEG.:111:no: ments\IDOT Offices\District 1\Projects\D10431BRQAWDQata\Design\DistStd.dgr REVISED - C. JUCIUS 09-09-09 CHECKED REVISED C. JUCIUS 07-01-13 PLOT DATE = 4/1/2016 DATE 03-19-90 REVISED - C. JUCIUS 12-21-15

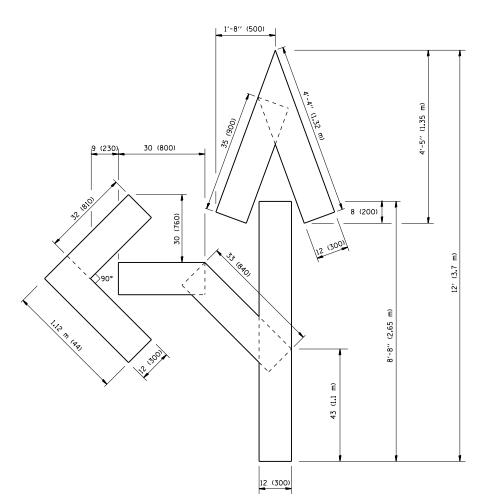
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

	DISTRICT ONE	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ı	TYPICAL PAVEMENT MARKINGS	55	2014-061-RS	DUPAGE	16	14
ı			TC-13	CONTRACT NO. 60Y96		
	SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED. A	D PROJECT		





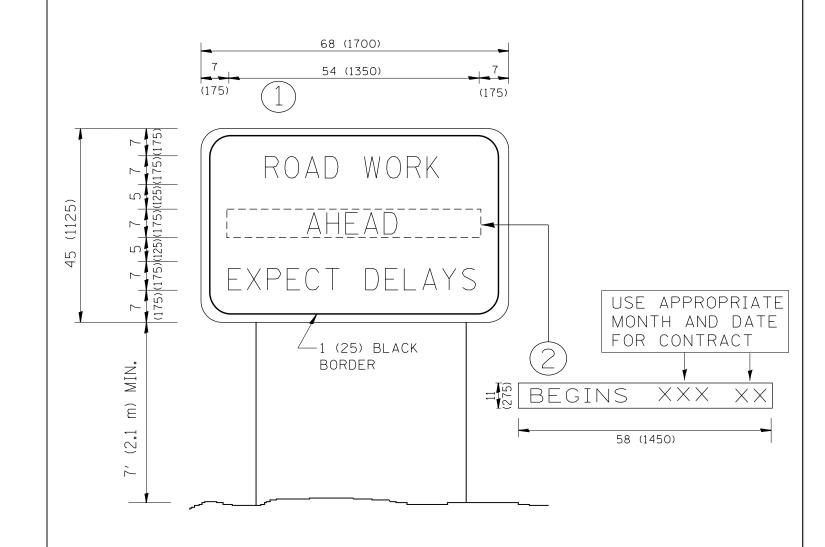
OUANTITY 4 (100) LINE = 45.5 ft. (13.9 m) 15.2 sq. ft. (1.39 sq. m)



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

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

Ī	FILE NAME =	USER NAME = josephm	DESIGNED -	REVISED -T	T. RAMMACHER 06-05-96			PAVEMENT MARKING LETTERS AND SYMBOLS	F.A.I. RTF.	SECTION	COUNTY TOT.	AL SHEET
	pw:\\IL084EBIDINTEG.:ll:no:s.gov:PWIDOT\Do			REVISED -T. RAMMACHER 11-04-97 STATE OF ILLINOIS		FOR TRAFFIC STAGING			2014-061-RS	DUPAGE 16	5 15	
		PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -T	T. RAMMACHER 03-02-98	DEPARTMENT OF TRANSPORTATION	FUN INAFFIC STAGING			TC-16	CONTRACT NO.	60Y96
		PLOT DATE = 4/1/2016	DATE - 09-18-94	REVISED - E	E. GOMEZ 08-28-00		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.	FED. ROAD	DIST. NO. 1 ILLINOIS FED. AI	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.

FIL	E NAME =	USER NAME = Josephm	DESIGNED -	REVISED - R. MIRS 09-15-97			ARTERIAL ROAD		F.A.I. RTF	SECTION	COUNTY	TOTAL SHEET
pw:	\\ILØ84EBIDINTEG.:ll:no:s.gov:PWIDOT\Do	cuments\IDOT Offices\District 1\Projects\D104	3 BRAND ata\Design\DistStd.dgn	REVISED - R. MIRS 12-11-97	STATE OF ILLINOIS	INFORMATION SIGN		55	2014-061-RS	DUPAGE	16 16	
		PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -T. RAMMACHER 02-02-99	DEPARTMENT OF TRANSPORTATION	INFURIVIATION SIGN				TC-22	CONTRACT	NO. 60Y96
		PLOT DATE = 4/1/2016	DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.		TO STA.	FED. ROAD	DIST. NO. 1 ILLINOIS FED. A	ID PROJECT	