

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

FAU 2887 (EAST END AVENUE)
26TH STREET (FAU 1633) TO LINCOLN HIGHWAY (FAP 353)
LOCAL AGENCY PAVEMENT PRESERVATION PROGRAM

STREET RESURFACING
SECTION NO.: 09-00225-00-RS
PROJECT NO.: ARA-9003(337)
JOB NO. C-91-653-09
CITY of CHICAGO HEIGHTS
COOK COUNTY

F. A. I. D. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	09-00225-00-RS	COOK	18	1
STA. 0+41	TO STA. 54+18			
FED. ROAD DIST. NO.	BLDG. NO.	FED. AID PROJECT	ARA-9003(337)	

CONTRACT #63314

INDEX OF SHEETS

- COVER SHEET, INDEX OF SHEETS, & STATE STANDARDS
- SUMMARY OF QUANTITIES, & GENERAL NOTES
- TYPICAL CROSS SECTIONS
- 6. PAVEMENT PLAN
- 9. STRIPING PLAN
- 18. IDOT DISTRICT 1 STANDARD DETAILS

HIGHWAY STANDARDS

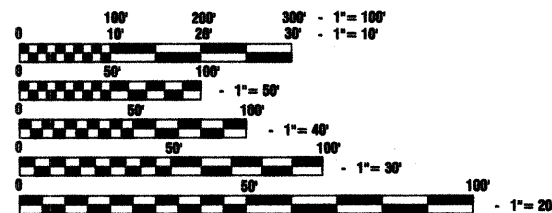
- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 424001-05 CURB RAMPS FOR SIDEWALKS
- 442201-03 CLASS C AND D PATCHES
- 602401-02 MANHOLE - TYPE A
- 604001-03 FRAME & LIDS - TYPE 1
- 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701011-02 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
- 701311-03 LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
- 701426-03 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS > 45 MPH
- 701501-05 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701806-06 URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-06 URBAN LANE CLOSURE, MULTILANE, INTERSECTION
- 701801-04 LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 701901-01 TRAFFIC CONTROL DEVICES
- 780001-02 TYPICAL PAVEMENT MARKINGS
- 888001-01 DETECTOR LOOP INSTALLATIONS
- 888006-01 TYPICAL LAYOUT FOR DETECTION LOOPS

DESIGN DESIGNATION - FAU 2887 (EAST END AVENUE) ADT 5,215 (2030) - COLLECTOR
PV=4,185 SU=325 MU=140
100% DESIGN TRAFFIC IN DESIGN LANE
P=90% S=7% M=3%
SSS=FAIR

FAU 2887 (EAST END AVENUE)

2007 ADT - 4,650
2030 ADT - 5,215
POSTED SPEED LIMIT - 30 mph
DESIGN PERIOD - 20 YEARS
DESIGN SPEED LIMIT - 30 mph
STREET CLASSIFICATION - CLASS II

SCALES
PLAN - 1"=50'
PROFILE HORIZ. - 1"=50'
PROFILE VERT. - 1"=8'
CROSS SECTIONS - 1"=10'



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.

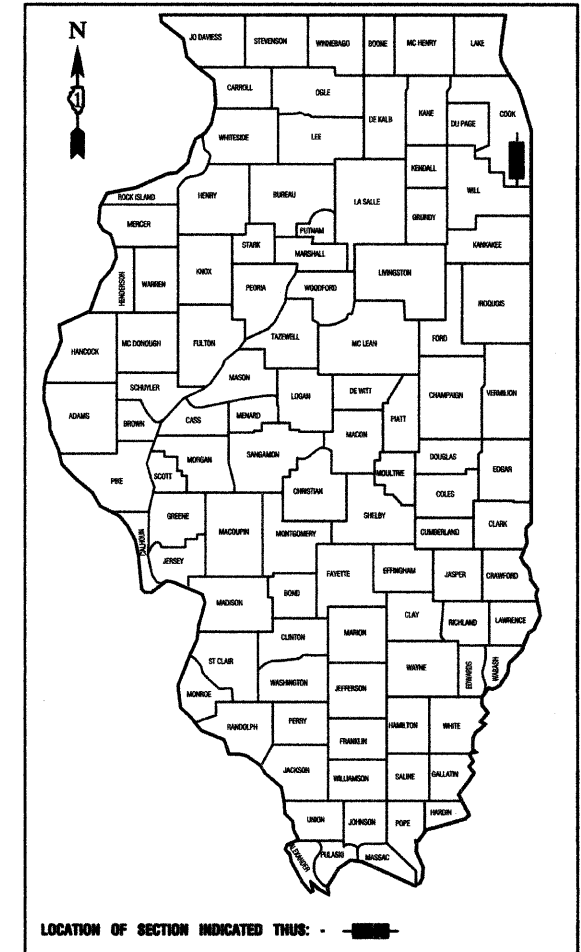
J. U. L. I. E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123 or 811

CONTRACT NO. 63314



LOCATION MAP

GROSS LENGTH=5378 FEET=1.02 MILES
NET LENGTH=5,242 FEET=0.99 MILES



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

Approved: 10/16/09
Alan Jones
Mayor, City of Chicago Heights

Passed: OCTOBER 26, 2009
CHRISTOPHER HOLT
District 1 Engineer of Local Roads & Streets

Released for Bid Based on Limited Review: OCTOBER 26, 2009
Diana M. O'Keefe
Deputy Director of Highways, Region 1 Engineer

PRINTED BY THE AUTHORITY OF
THE STATE OF ILLINOIS

PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
Josh M. Jurek
10/16/09

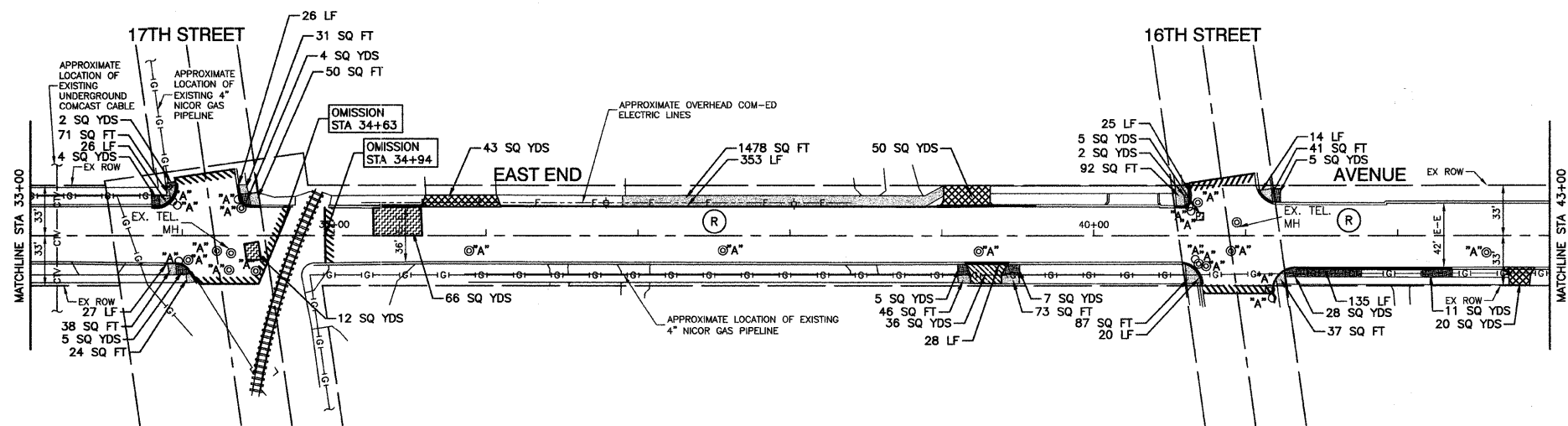
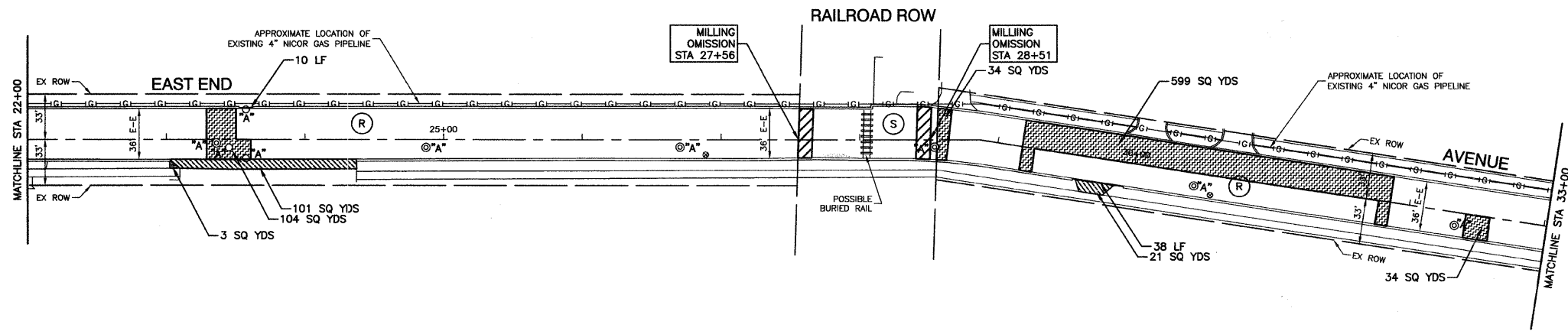
I.D.O.T. FIELD ENGINEER: MELCHOR MANGOBA (847) 705-4408
CONSULTANTS: ROBINSON ENGINEERING, LTD. 708-331-6700

SECTION 28, TOWNSHIP 35, RANGE 14
SECTION 21, TOWNSHIP 35, RANGE 14



DATE	
BY	
REVISION	
PLANNED	
ALIGNED	
CHECKED	
FILED	
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PLAN	
NOTE BOOK	

DATE	
BY	
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PROFILE	
NOTE BOOK	



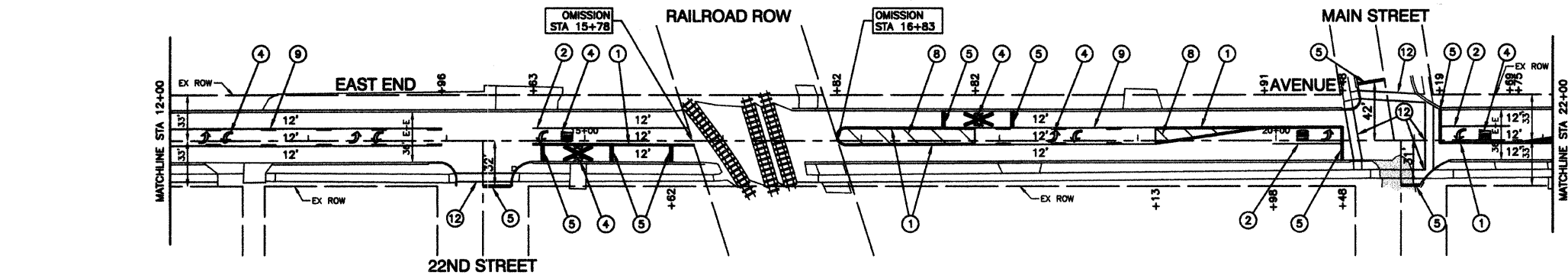
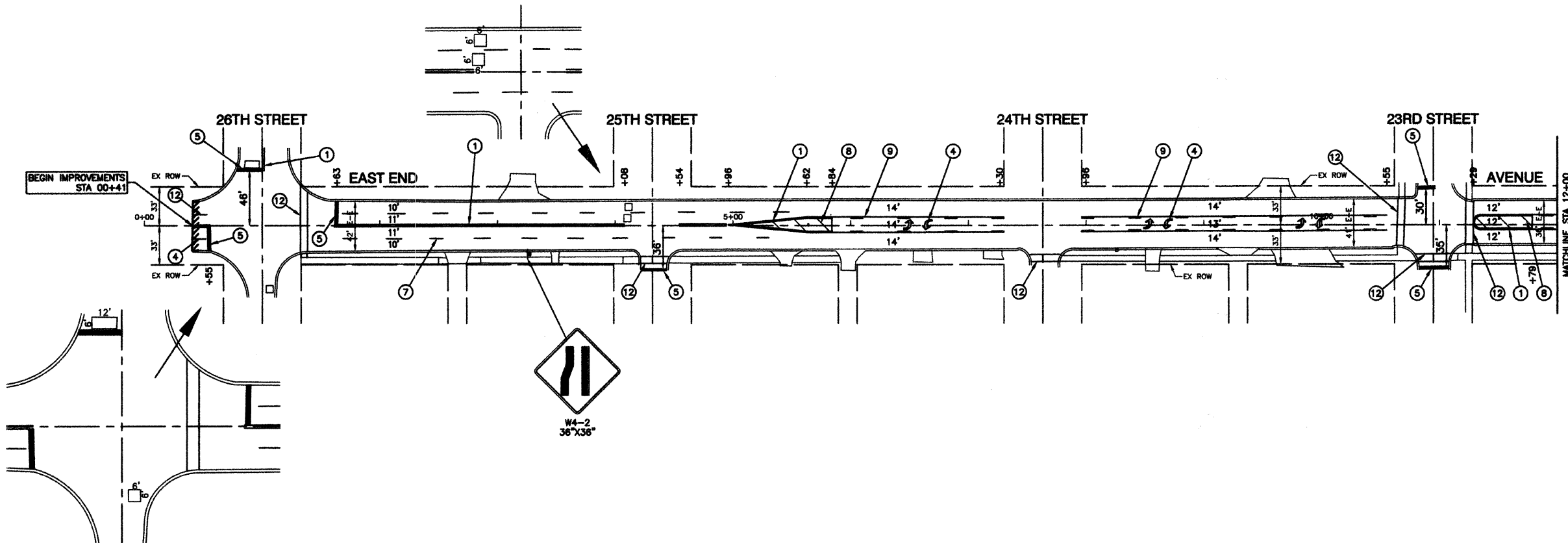
- NOTE:**
LIMIT OF CONSTRUCTION ON ALL SIDE STREETS IS THE RADIUS RETURN.
- LEGEND**
- PROJECT LIMITS
 - DRIVEWAY PAVEMENT REMOVAL
 - PCC DRIVEWAY PAVEMENT, 7"
 - DRIVEWAY PAVEMENT REMOVAL
 - HOT-MIX ASPHALT BASE COURSE, 8"
 - HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
 - HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (SEE SHEET 12 FOR BUTT JOINT DETAIL)
 - CONCRETE SIDEWALK REMOVAL
 - PCC SIDEWALK, 5"
 - BITUMINOUS SIDEWALK REMOVAL
 - PCC SIDEWALK, 5"
 - CLASS D PATCHES, TYPE I, II, III, IV, 8 INCH PREPARATION OF BASE
 - AGGREGATE BASE REPAIR
 - COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
 - TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT
 - FERTILIZER NUTRIENTS (NITROGEN, PHOSPHORUS, POTASSIUM)
 - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 1 1/2"
 - HOT-MIX ASPHALT SURFACE REMOVAL, 2" POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50 3/4" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 1 1/2"
 - FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
 - REMOVING MANHOLES
 - MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID

FILE NAME = 06173_01-PLAN-01 - IDOT P02	USER NAME =	DESIGNED - MPN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCAL AGENCY PAVEMENT PRESERVATION EAST END AVENUE PAVEMENT PLAN			F.A.U. SECTION COUNTY TOTAL SHEETS SHEET NO.
		CHECKED - JMN	REVISED -		2887 09-00225-00-RS COOK 18 5			
PLOT SCALE = 1"=50'		DRAWN - PS, MJD	REVISED -		SCALE: 1"=50' SHEET NO. 5 OF 18 SHEETS STA. 22+00 TO STA. 43+00			CONTRACT NO. 63314
PLOT DATE = 10-16-09		CHECKED - JMN	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003(337)			



DATE	BY
DESIGNED	MPN
CHECKED	JMN
DRAWN	PS, MJD
PLANNED	
ALIGNED	
CHECKED	
FILE NAME	
NO.	

DATE	BY
DESIGNED	MPN
CHECKED	JMN
DRAWN	PS, MJD
PLANNED	
ALIGNED	
CHECKED	
FILE NAME	
NO.	



STRIPING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE TURN LANE)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE TURN LANE SKIP DASH, 2' DASH, 6' SKIP)
- ④ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE STOP BAR)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE CROSSWALK)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE LANE LINE, 10' LINE, 30' SKIP)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW DIAGONAL, 20' C-C)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINES 4" (YELLOW LANE LINES, 5 1/2" C-C WITH SKIP DASH LINE, 10' LINE, 30' SKIP)
- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE PARKING LINE)
- ⑪ THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE MEDIAN OUTLINE)
- ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE CROSS WALK)
- ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE DIAGONAL, 20' C-C)
- ▴ TRAFFIC SIGN

FILE NAME = 06173_01-PLAN-01 - IDOT PMK001

USER NAME =	DESIGNED - MPN	REVISED -
	CHECKED - JMN	REVISED -
PLOT SCALE = 1"=50'	DRAWN - PS, MJD	REVISED -
PLOT DATE = 10-16-09	CHECKED - JMN	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCAL AGENCY PAVEMENT PRESERVATION	
EAST END AVENUE	
STRIPING PLAN	
SCALE: 1"=50'	SHEET NO. 7 OF 18 SHEETS
STA. 0+41	TO STA. 22+00

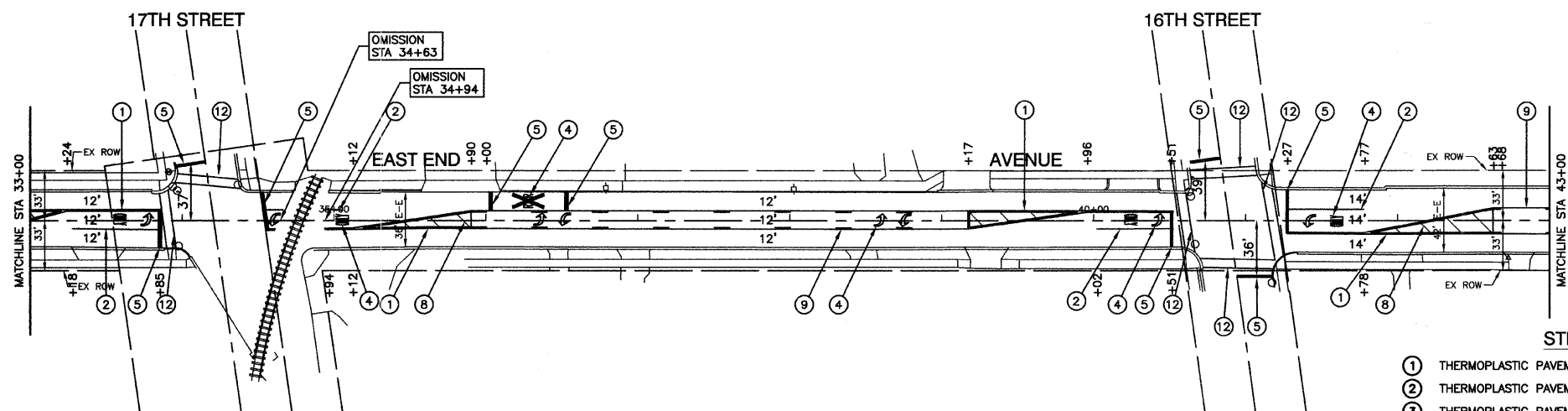
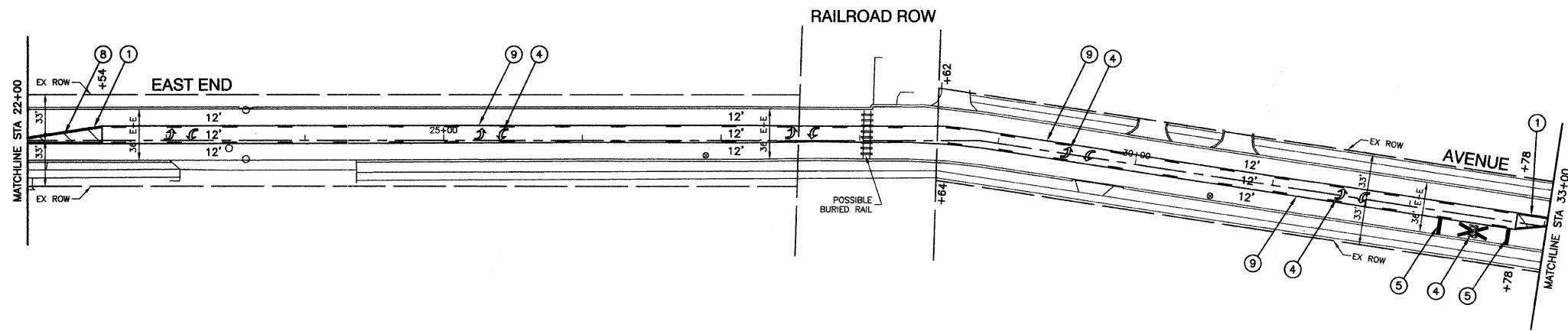
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	08-00225-00-RS	COOK	18	7
CONTRACT NO. 63314				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003(337)				

SECTION 28, TOWNSHIP 35, RANGE 14
SECTION 21, TOWNSHIP 35, RANGE 14



PLAN	REVISIONS	DATE
NO.	BY	
NOTE BOOK	ALIGNED	CHECKED
	PLOTTED	RECORDED
		FILE NAME

PROFILE	REVISIONS	DATE
NO.	BY	
NOTE BOOK	GRADES	CHECKED
		NOTED



STRIPING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE TURN LANE)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE TURN LANE SKIP DASH, 2' DASH, 6' SKIP)
- ④ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE STOP BAR)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE CROSSWALK)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE LANE LINE, 10' LINE, 30' SKIP)
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- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINES 4" (YELLOW LANE LINES, 5 1/2" C-C WITH SKIP DASH LINE, 10' LINE, 30' SKIP)
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- ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE CROSS WALK)
- ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE DIAGONAL, 20' C-C)
- ⊠ TRAFFIC SIGN

FILE NAME = 06173_01-PLAN-01 - IDOT PMK02

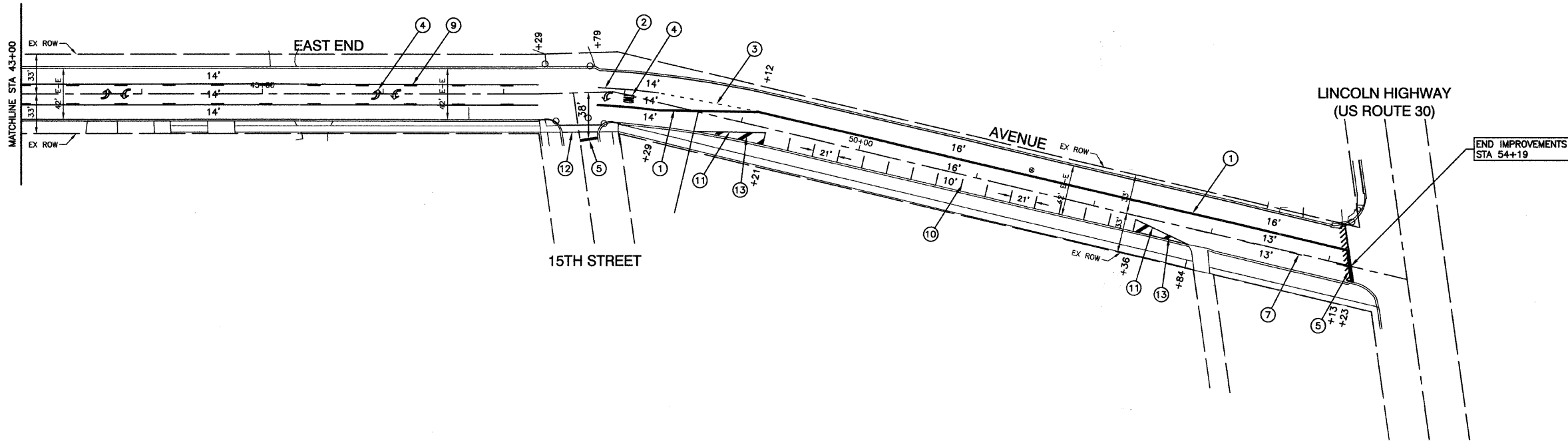
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PLOT SCALE = 1"=50'	DRAWN -- PS, MJD	REVISED --
PLOT DATE = 10-16-09	CHECKED -- JMN	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCAL AGENCY PAVEMENT PRESERVATION
EAST END AVENUE
STRIPING PLAN

SCALE: 1"=50' SHEET NO. 8 OF 18 SHEETS STA. 22+00 TO STA. 43+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	09-00225-00-RS	COOK	18	8
CONTRACT NO. 63314				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003(337)				



STRIPING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
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- ⑬ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE DIAGONAL, 20' C-C)
- T TRAFFIC SIGN

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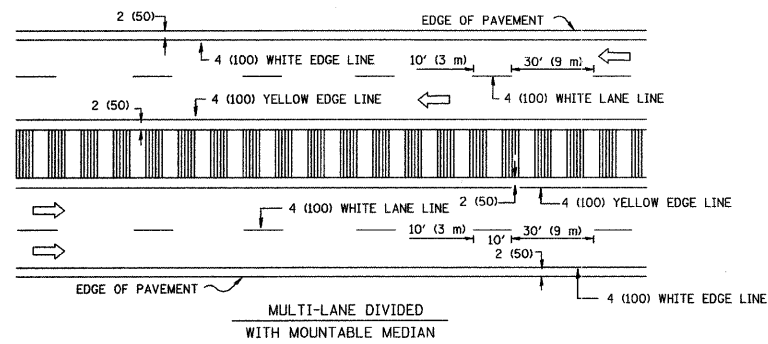
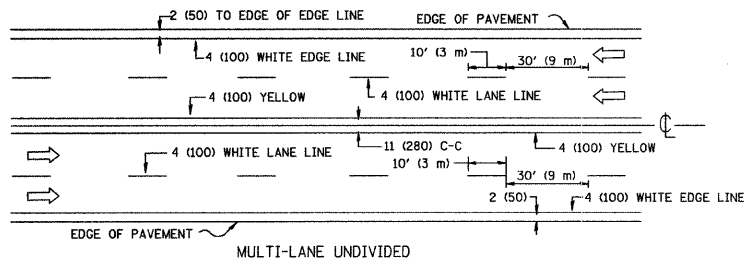
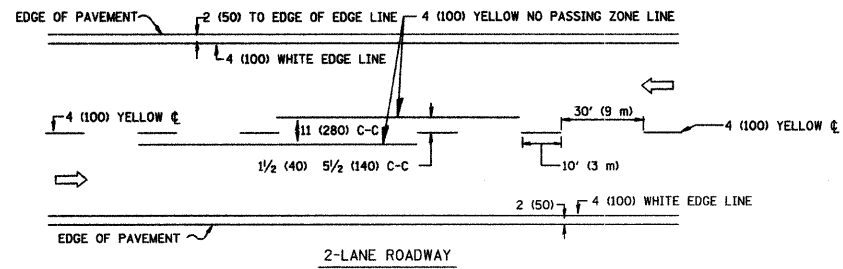
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		CHECKED - JMN	REVISED -
		DRAWN - PS, MJD	REVISED -
		CHECKED - JMN	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

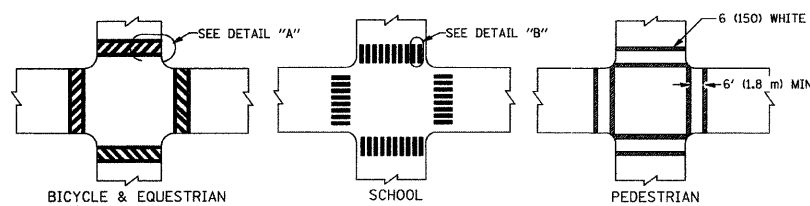
LOCAL AGENCY PAVEMENT PRESERVATION		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
EAST END AVENUE		2887	09-00225-00-RS	COOK	18	9
STRIPING PLAN		SCALE: 1"=50'		SHEET NO. 9 OF 18 SHEETS		STA. 43+00 TO STA. 54+19
		FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT ARA-9003(337)		

CONTRACT NO. 63314

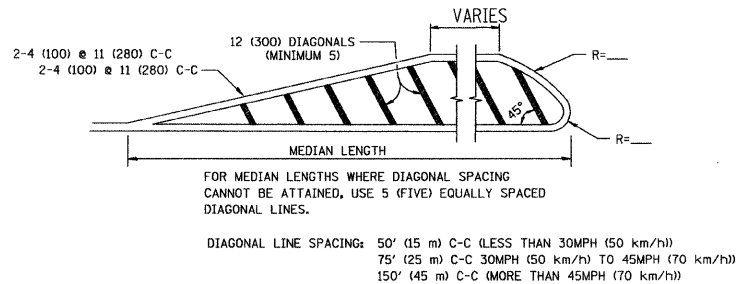
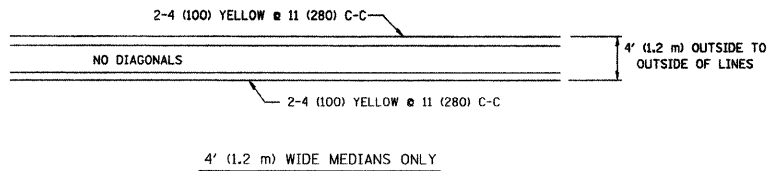


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

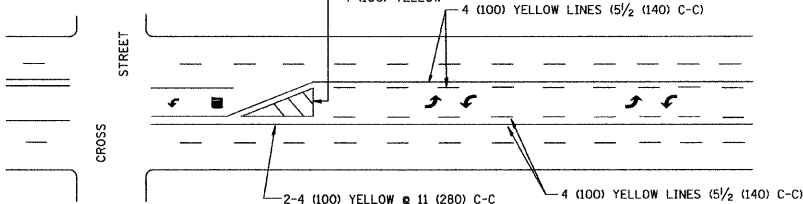
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

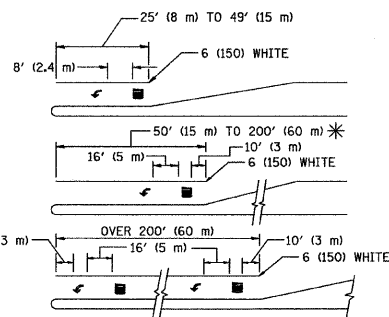


MEDIANS OVER 4' (1.2 m) WIDE



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

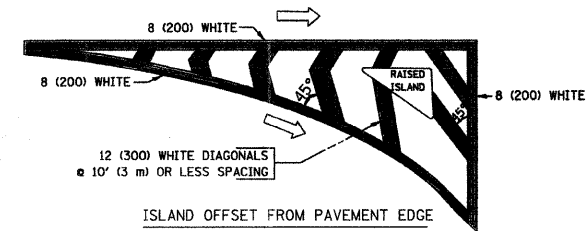
TYPICAL PAINTED MEDIAN MARKING



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



TYPICAL ISLAND 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: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=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 inches (millimeters) unless otherwise shown.

FILE NAME = 06173_01-DT18-02 - TC-13

USER NAME = drsvakoeqr

DESIGNED = EVERS

REVISED = T. RAMMACHER 10-27-94

DRAWN =

CHECKED =

REVISED = C. JUCIUS 09-09-09

PLOT SCALE = 50,000' / IN.

DATE = 03-19-90

REVISED =

PLOT DATE = 9/9/2009

DATE =

REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

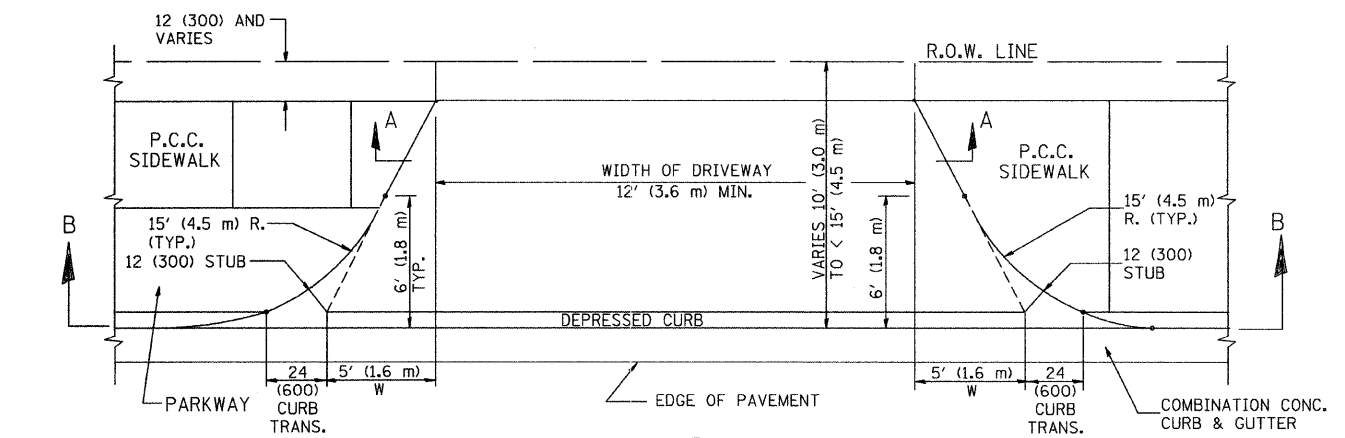
DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	09-00225-00-RS	COOK	18	11
TC-13		CONTRACT NO. 63314		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT ARA-9003(337)	

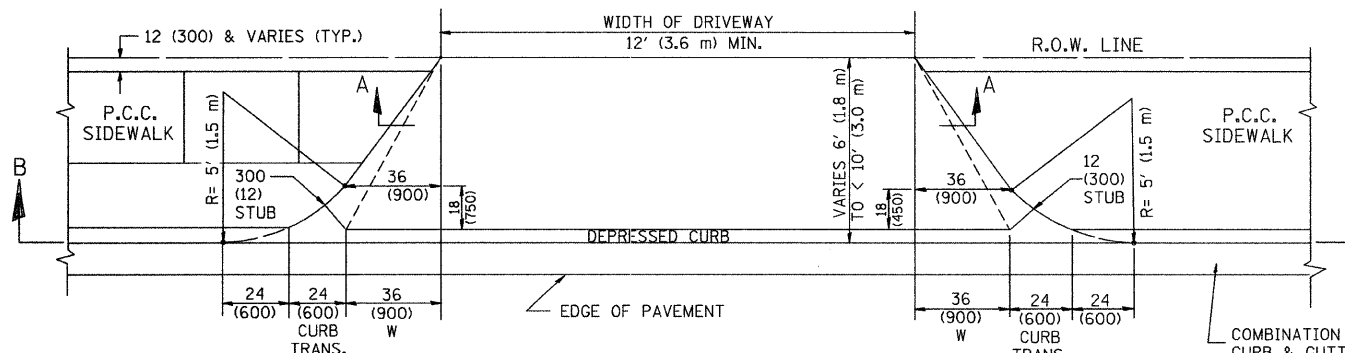
SCALE: SHEET NO. 11 OF 18 SHEETS STA. N/A TO STA. N/A

DATE	
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REVISIONS	
NO.	
DESCRIPTION	
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DESCRIPTION	

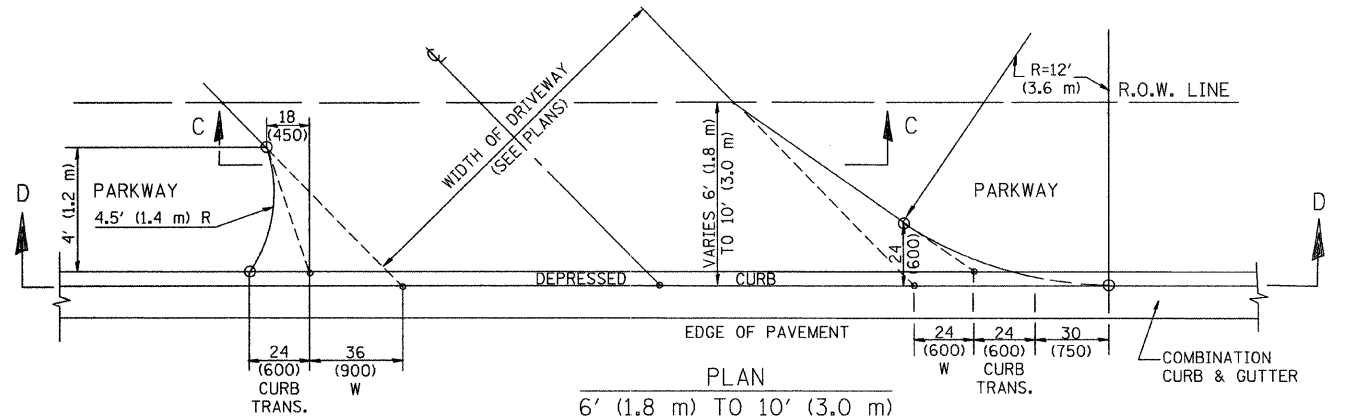
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NO.	
DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	



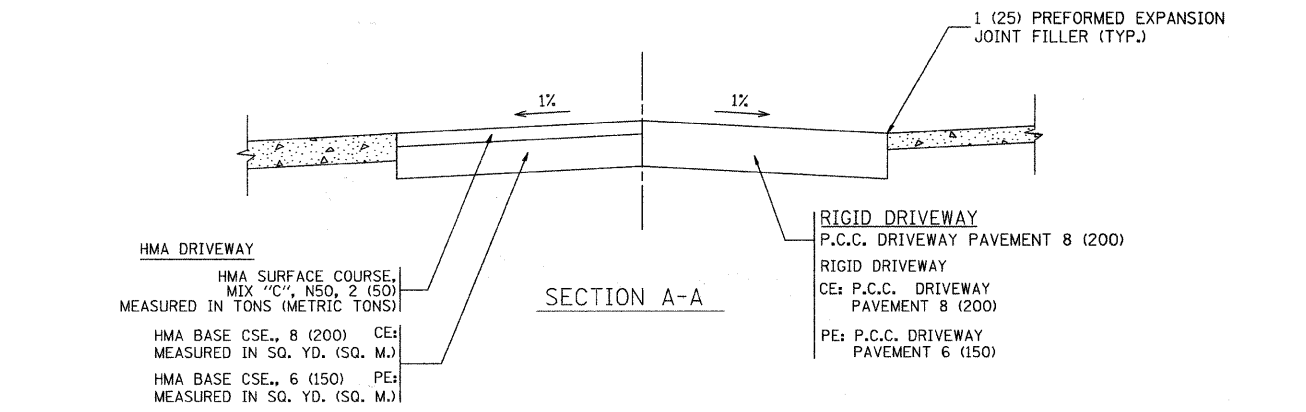
PLAN
10' (3.0 m) TO < 15' (4.5 m)



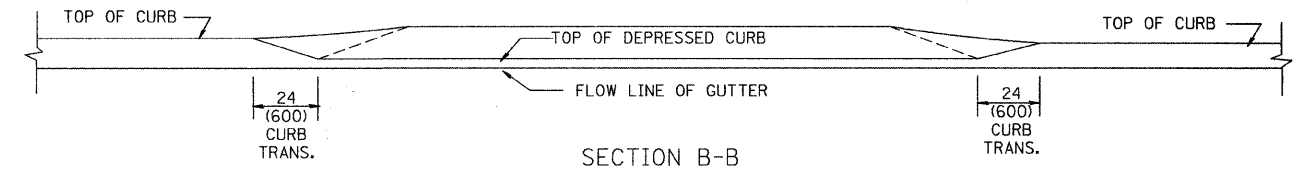
PLAN
6' (1.8 m) TO < 10' (3.0 m)



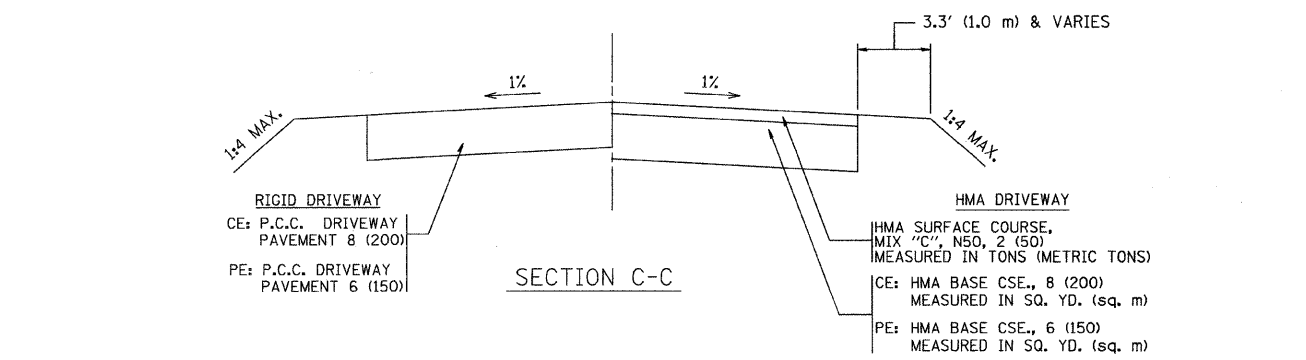
PLAN
6' (1.8 m) TO 10' (3.0 m)



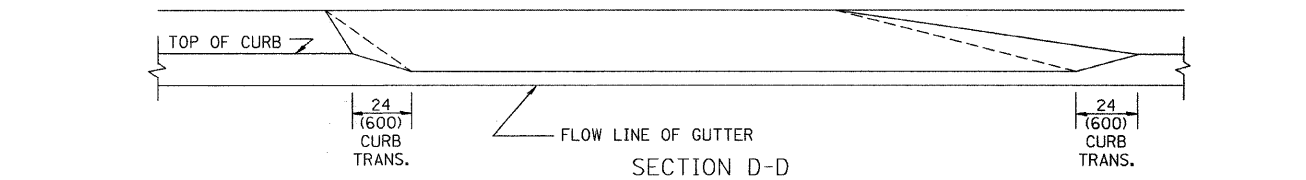
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

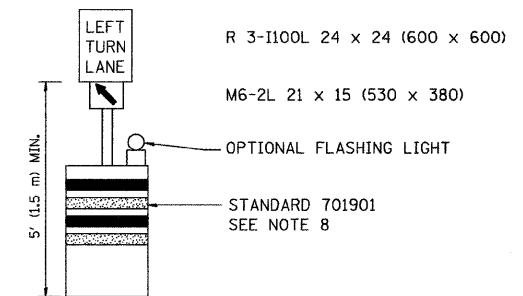
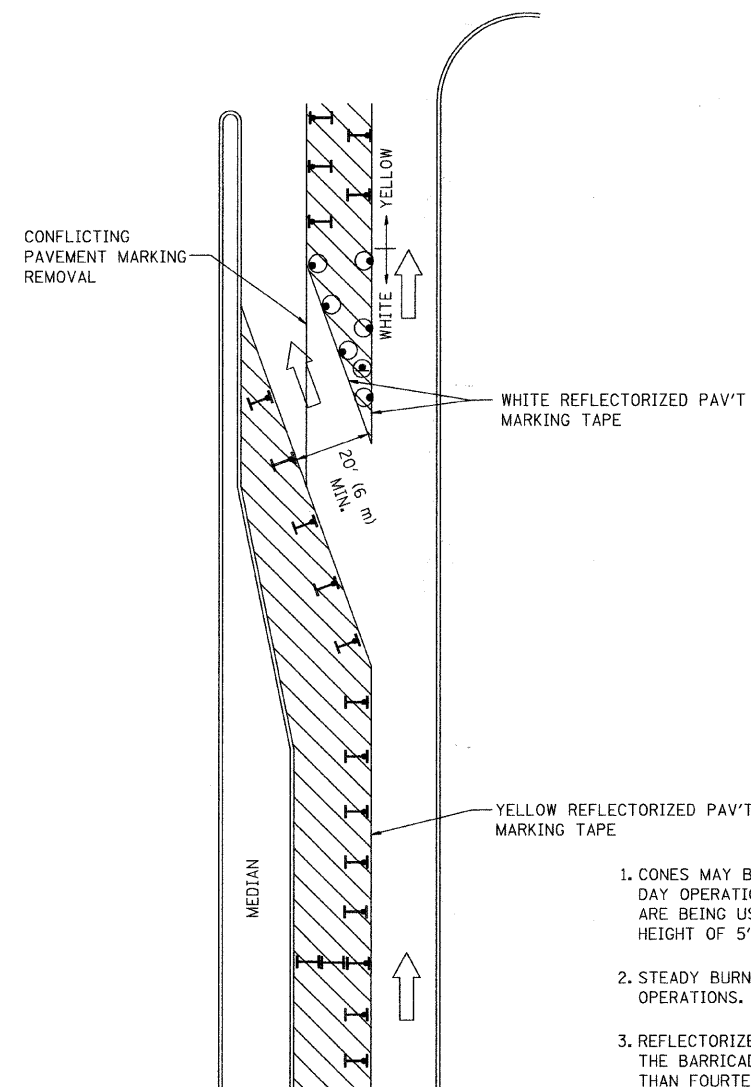
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

FILE NAME = 06173_01-0713-05 - BD-02	USER NAME = gaglianobt	DESIGNED - R. SHAH	REVISED - T. HOLTZ 04-08-97
		CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED - P. LoFLEUR 04-15-03
	PLOT DATE = 1/4/2008	CHECKED - 11-06-95	REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS			
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)			
SCALE: 1"=50'	SHEET NO. 14	OF 18 SHEETS	STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2887	09-00225-00-RS	COOK	18	14
BD400-02 (BD-02)		CONTRACT NO. 63314		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003(337)				


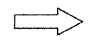






GENERAL NOTES

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 OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 PREQUIREMENTS.
9. 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 inches (millimeters) unless otherwise shown.

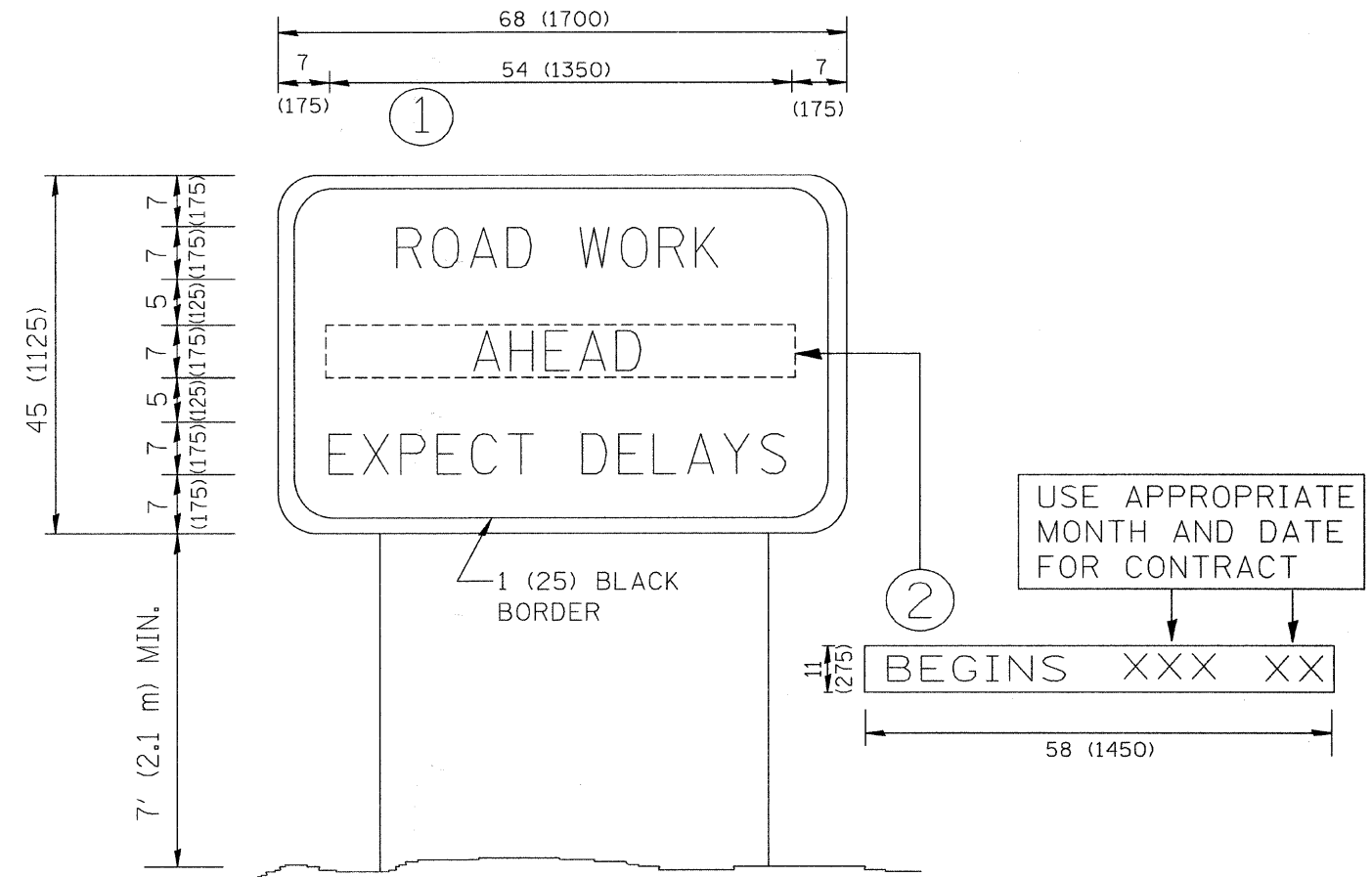
LEGEND

-  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

FILE NAME = 06173_01-DTIS-07 - TC-14	USER NAME = drivakosgn	REVISED -- T. RAMMACHER 09-08-94	REVISED -- R. BORO 09-14-09
		REVISED -- A. HOUSEH 11-07-95	REVISED --
	PLOT SCALE = 49.9999' / IN.	REVISED -- A. HOUSEH 10-12-96	REVISED --
	PLOT DATE = 9/14/2009	REVISED -- T. RAMMACHER 01-06-00	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)		F.A.U. RTE. 2887	SECTION 09-00225-00-RS	COUNTY COOK	TOTAL SHEETS 18	SHEET NO. 15
SCALE:	SHEET NO. 15 OF 18 SHEETS	STA. N/A	TO STA. N/A	CONTRACT NO. 63314		
				FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ARA-9003(837)



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.

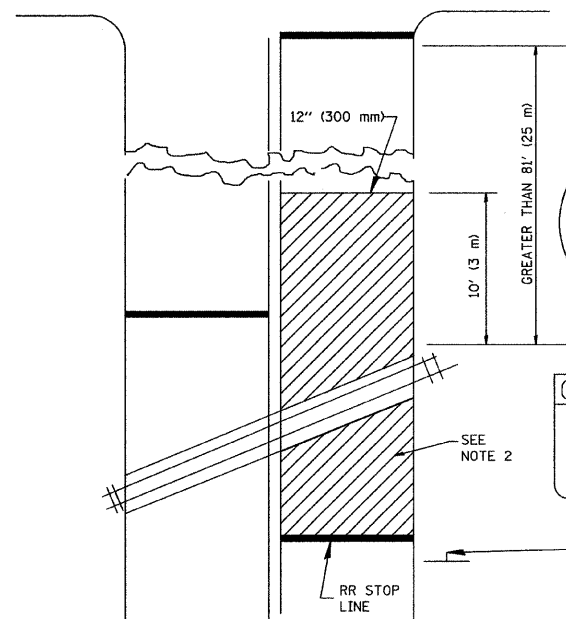
FILE NAME = 06173_01-DT19-08 - TC-22	USER NAME = geglianobt	DESIGNED -	REVISED - R. MIRS 09-15-97
		CHECKED -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000' / IN.	DRAWN -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

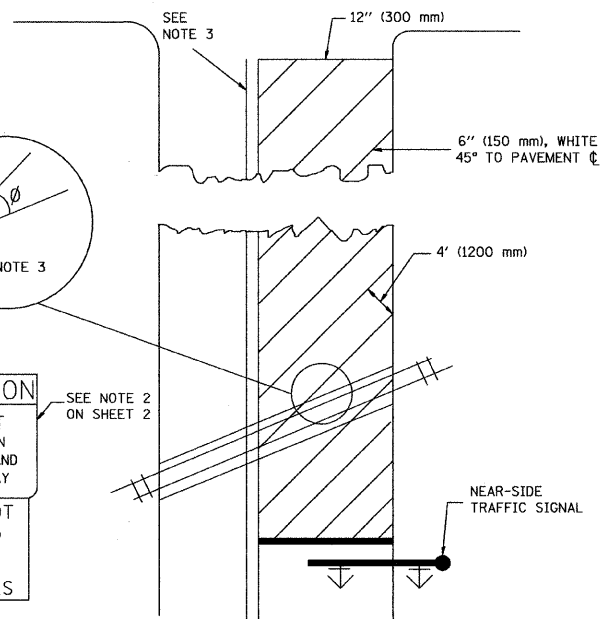
ARTERIAL ROAD INFORMATION SIGN			
SCALE:	SHEET NO. 16 OF 18 SHEETS	STA.	TO STA.

F.A.U. RTE. 2887	SECTION 09-00225-00-RS	COUNTY COOK	TOTAL SHEETS 18	SHEET NO. 16
TC-22			CONTRACT NO. 63314	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003(337)				

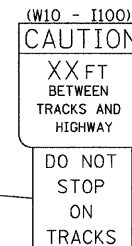
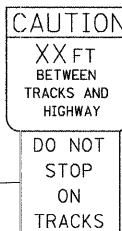
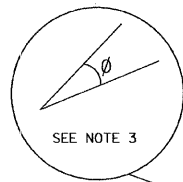
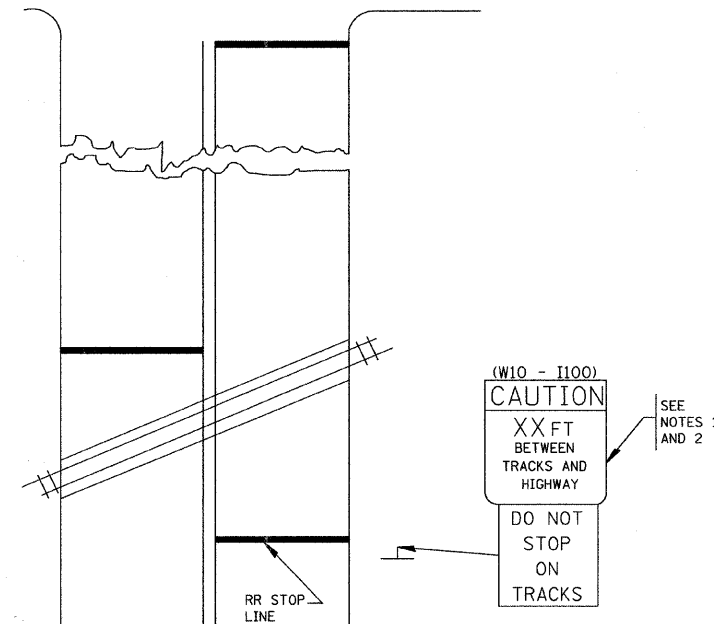
WITH INTERSECTION TRAFFIC SIGNALS



WITH NEAR-SIDE TRAFFIC SIGNALS



WITH NONSIGNALIZED INTERSECTION
81' (25 m) OR LESS TO CLOSEST RAIL



NOTES:

- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED, THE PAVEMENT MARKINGS EXTENDS TO THE INTERSECTION.
- WHERE THE ANGLE BETWEEN THE DIAGONAL STRIPES AND THE TRACK (ϕ) WOULD BE LESS THAN APPROXIMATELY 20°, THE STRIPES SHOULD BE SLOPED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.

NOTE :

- DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET (1.8 m) FROM THE RAIL CLOSEST TO THE INTERSECTION TO THE STOP LINE OR CROSSWALK, WHICHEVER IS CLOSEST, ROUNDED DOWN TO THE NEAREST 5 FEET (1.5 m). WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE THE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
- THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6- FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTEND TO THE INTERSECTION.

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

FILE NAME = 06173_01-DTIS-08 - TC-23	USER NAME = geglianobt	DESIGNED —	REVISED — 01-01-07
		CHECKED —	REVISED —
	PLOT SCALE = 50.000' / IN.	DRAWN —	REVISED —
	PLOT DATE = 1/4/2008	CHECKED —	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TREATMENT FOR RAILROAD CROSSINGS		2887	09-00225-00-RS	COOK	18	17
SCALE: SHEET NO. 17 OF 18 SHEETS STA. TO STA.		TC-23		CONTRACT NO. 63314		
		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003(337)				

