

**PROJECT LOCATED IN
CARPENTERSVILLE AND
CAMPTON HILLS**

DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

**FAU 2301 (BURLINGTON ROAD) LENSCHOW RD TO IL ROUTE 64
FAU 1283 (HUNTLEY ROAD) KREUTZER RD TO SLEEPY HOLLOW RD
RUMBLE STRIPES AND SIGNS
SECTION: 11-00418-00-SP
PROJECT: HSIP-0089(168)
KANE COUNTY
C-91-098-12**

INDEX OF SHEETS

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LOCATION OF SECTION INDICATED THIS: - [Black bar]

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED MAY 14 2014
[Signature]
KANE COUNTY, COUNTY ENGINEER

PASSED MAY 22 2014
[Signature]
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW May 22 2014
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

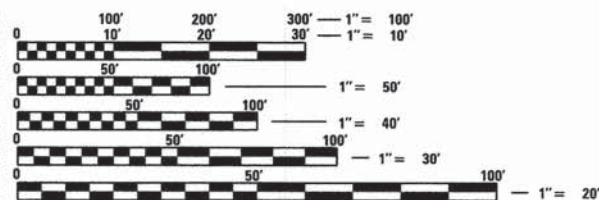
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OF THE STATE OF ILLINOIS**

FEDERAL AID PROGRAM ENGINEER: FAWAD AQUEEL (847) 705-4021, SCHAUMBURG, IL

DESIGN DESIGNATION

BURLINGTON ROAD: MAJOR COLLECTOR
SPEED LIMIT = 55 MPH
TRAFFIC = 2350-9400 ADT (2011)

HUNTLEY ROAD: MINOR COLLECTOR
SPEED LIMIT = 55 MPH
TRAFFIC = 11,900-14,200 ADT (2011)



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

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

PROJECT MANAGER: JAMES YURATOVAC

CONTRACT NO. 63861



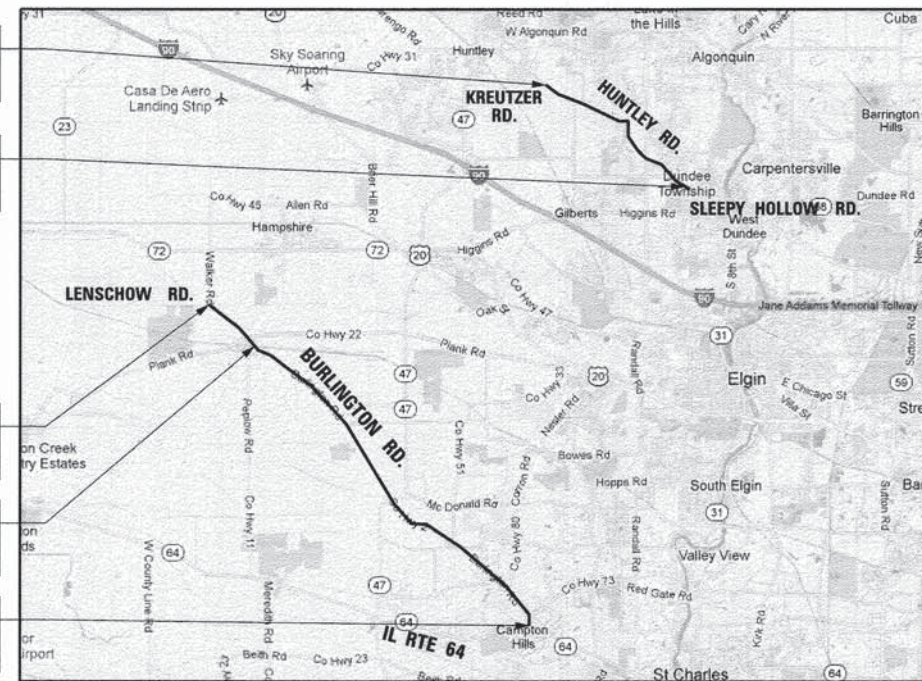
PROJECT BEGINS
STA 1010 + 12

PROJECT ENDS
STA 1254 + 95

PROJECT BEGINS
STA 9 + 00

RR CROSSING
STA. 100 + 08

PROJECT ENDS
STA 691 + 40



LOCATION MAP

BURLINGTON ROAD LENGTH = 68,240 FT. = 12.92 MILES
HUNTLEY ROAD LENGTH = 24,483 FT. = 4.64 MILES
GROSS AND NET LENGTH = 92,723 FT. = 17.56 MILES

ESI ESI CONSULTANTS, LTD
1975 NORTH MILL STREET
NAPERVILLE, IL 60563
(630) 420-1700
WWW.ESICONSULTANTS.LTD.COM
ILLINOIS DEPARTMENT OF PROFESSIONAL REGULATION REGISTRATION #184-003685
** THIS DOCUMENT IS THE PROPERTY OF ESI CONSULTANTS, LTD. AND NO PART HEREIN SHALL BE USED **
EXCEPT FOR THIS SPECIFIC PROJECT WITHOUT THE WRITTEN CONSENT OF ESI CONSULTANTS, LTD.

PROFESSIONAL ENGINEER'S CERTIFICATION
I HEREBY CERTIFY THAT THIS SUBMISSION WAS PREPARED UNDER MY PERSONAL SUPERVISION. THIS TECHNICAL SUBMISSION IS INTENDED TO BE USED AS PART OF AND IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS AND CONTRACT DOCUMENTS.
DATED May 14 DAY OF May, 2014
[Signature]
JAMES M. YURATOVAC
ILLINOIS REG. PROF. ENGINEER NO.062-060059 EXPIRATION DATE 11-30-2015

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR CALL "J.U.L.I.E." AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES (48 HOUR NOTIFICATION IS REQUIRED).
2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.
3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
4. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSED OF THE MILLING MACHINE SHALL NOT EXCEED 1-1/2 INCHES (40 MM) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/M). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
5. THE CONTRACTOR SHALL CONTACT THE KDOT TRAFFIC MANAGER TOM SZABO AT (630) 208-3139 A MINIMUM 72 HOURS IN ADVANCE OF BEGINNING WORK.
6. THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC TECHNICIAN, RAY JOHNSON AT (630) 406-7356 AT LEAST (2) WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS.
7. 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 REESTABLISHED FOR STRIPING, EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
8. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
10. THE CONTRACTOR SHALL SUBSCRIBE TO ALL GOVERNING REGULATIONS AND SHALL OBTAIN ALL NECESSARY PUBLIC AGENCY PERMITS.
11. ALL APPLICABLE PROVISIONS OF THE CURRENT OCCUPATIONAL SAFETY AND HEALTH ACT ARE HEREIN INCORPORATED BY REFERENCE.
12. NO BURNING OR INCINERATION OF RUBBISH WILL BE PERMITTED ON SITE.
13. THE CONTRACTOR SHALL PROVIDE SAFE AND ORDERLY PASSAGE FOR TRAFFIC AND PEDESTRIANS WHERE CONSTRUCTION OPERATIONS IMPACT PUBLIC THOROUGHFARES AND ADJACENT PROPERTY.
14. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY EXISTING STORM DRAINAGE SYSTEM IN ACCORDANCE WITH THE EROSION CONTROL STANDARDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT RESULTING FROM THIS PROJECT FROM STORM SEWERS AND DRAINAGE STRUCTURES.
15. STREET PAVING AND CURBS TO REMAIN SHALL BE PROTECTED FROM DAMAGE, AND, IF DAMAGED SHALL BE REPLACED PROMPTLY IN CONFORMANCE WITH LOCAL OR IDOT STANDARD SPECIFICATIONS IN MATERIALS AND WORKMANSHIP.
16. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE (USE ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL).
17. THE EXISTING PAINTED CENTERLINES AND EDGE LINES MUST BE FOLLOWED, AS THE EXISTING PAVEMENT MARKING CANNOT BE REMOVED BY GRINDING.

HIGHWAY STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 442201-03 CLASS C AND D PATCHES
- 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-02 RELECTOR MARKER AND MOUNTING DETAILS
- 642006 SHOULDER RUMBLE STRIPS, 8 in
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 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 > 45 MPH
- 701311-03 LANE CLOSURE 2L, 2W MOVING OPERATIONS- DAY ONLY
- 701901-03 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
- 729001-01 APPLICATIONS OF TYPES A & B METAL POSTS
- 780001-04 TYPICAL PAVEMENT MARKINGS

DISTRICT ONE STANDARDS

- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC-14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
- TC-22 ARTERIAL ROAD INFORMATION SIGN

PRINTED DATE: 5/12/2014
 FILE NAME: K:\Projects\Kane County\2012_HSP\CAD\Drawings\Sheets\Rumble Strip Plans\02 General Notes.dgn



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PLOT DATE = 5/12/2014	CHECKED - MR	REVISED -
	DATE - 5/12/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2301/1283	11-00418-00-SP	KANE	29	2
CONTRACT NO 63861				
ILLINOIS FEDERAL AID PROJECT				

CODE NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0021		
			TOTAL QUANTITIES	BURLINGTON RD LENSCHOW RD TO IL ROUTE 64	HUNTLEY RD KREUTZER RD TO SLEEPY HOLLOW RD
* 64200108	SHOULDER RUMBLE STRIP, 8 INCH	FOOT	149714	108613	41101
67100100	MOBILIZATION	L SUM	1	0.7	0.3
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.7	0.3
* 72000100	SIGN PANEL - TYPE 1	SQ FT	210	177.5	32.5
* 72000200	SIGN PANEL - TYPE 2	SQ FT	352	240	112
* 72400100	REMOVE SIGN PANEL ASSEMBLY- TYPE A	EACH	26	19	7
* 72400710	RELOCATE SIGN PANEL, TYPE 1	SQ FT	18	18	0
* 72900100	METAL POST- TYPE A	FOOT	704	480	224
* 78009004	MODIFIED URETHANE PAVEMENT MARKING- LINE 4"	FOOT	106947	73171	33776
* 78009006	MODIFIED URETHANE PAVEMENT MARKING- LINE 6"	FOOT	100159	72497	27662
* 78009008	MODIFIED URETHANE PAVEMENT MARKING- LINE 8"	FOOT	29345	19943	9402
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	900	675	225
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE NO. 6, 2C	FOOT	1080	810	270
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT	EACH	12	9	3
X0325714	FLASHING BEACON, POST MOUNTED, SOLAR-POWERED INSTALLATION	EACH	3	3	0
XX008962	RADAR SPEED SIGN	EACH	12	9	3
X8050095	SERVICE INSTALLATION (SPECIAL)	EACH	12	9	3
X8360120	LIGHT POLE FOUNDATION, SPECIAL	EACH	12	9	3
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.7	0.3
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	102.8	51.4	51.4
* Z0055400	RUMBLE STRIP	FOOT	67061	52418	14643

* Specialty Items

PRINTED DATE: 5/28/2014
FILE NAME: K:\Projects\Kane County\2012 HSP\CAD\Drawings\Sheets\Rumble Strips\83 Summary of Quantities.dgn



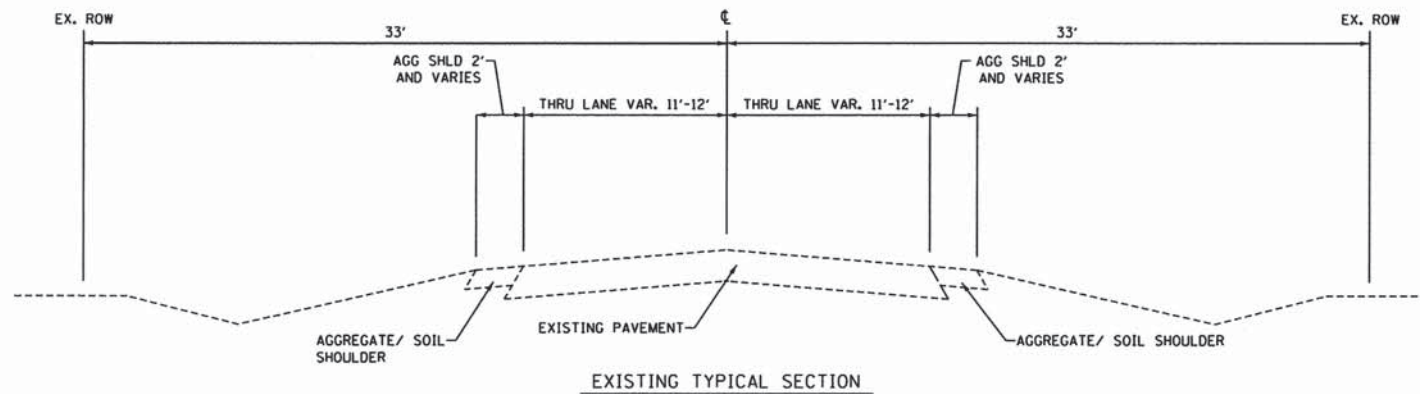
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

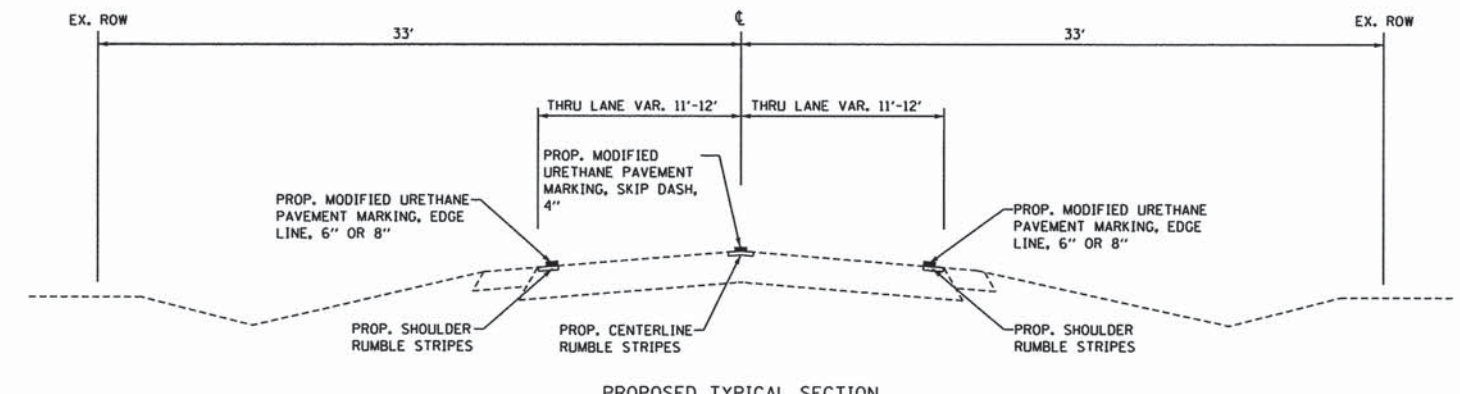
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F.A.J. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2301/1283	11-00418-00-SP	KANE	29	3
CONTRACT NO 63861				
ILLINOIS FEDERAL AID PROJECT				



EXISTING TYPICAL SECTION

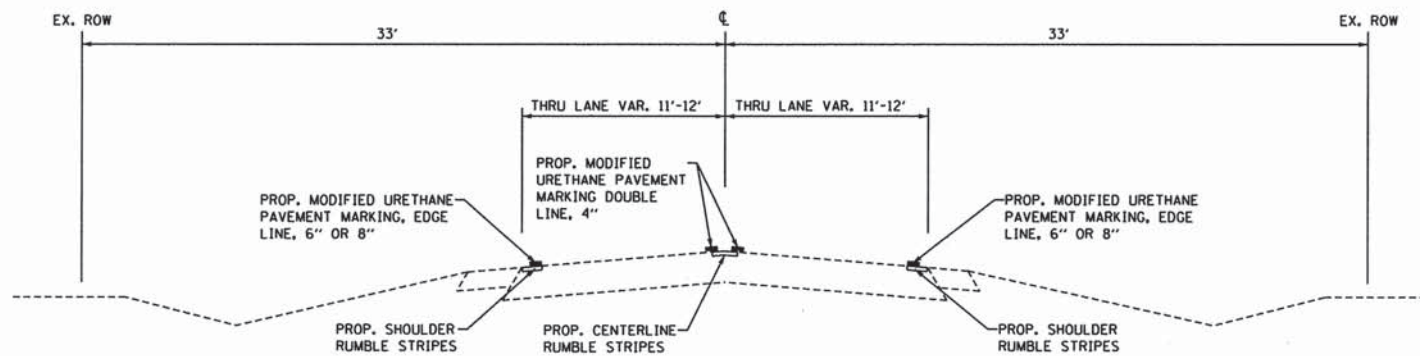
BURLINGTON ROAD	HUNTLEY ROAD
STA. 104+00 TO STA. 404+33	STA. 1010+12 TO STA. 1132+00
STA. 414+33 TO STA. 645+00	STA. 1146+00 TO STA. 1189+00
	STA. 1237+40 TO STA. 1249+00



**PROPOSED TYPICAL SECTION
PASSING ZONE**

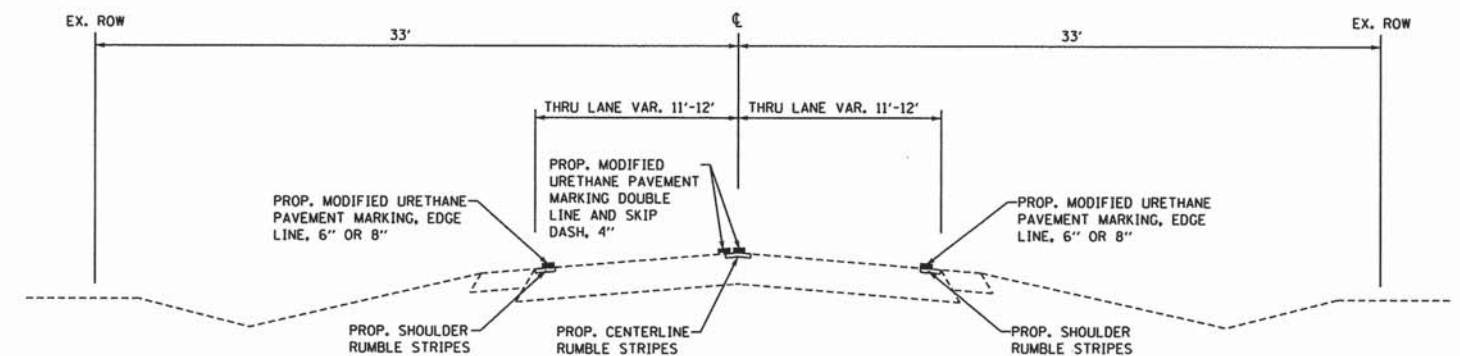
BURLINGTON ROAD

STA. 139+00 TO STA. 140+00
STA. 167+00 TO STA. 196+00
STA. 216+00 TO STA. 232+00
STA. 297+00 TO STA. 305+00
STA. 311+50 TO STA. 315+00
STA. 321+00 TO STA. 333+00
STA. 341+00 TO STA. 346+50
STA. 389+00 TO STA. 404+33
STA. 463+00 TO STA. 471+50
STA. 490+00 TO STA. 494+50
STA. 499+50 TO STA. 504+00



**PROPOSED TYPICAL SECTION
NO PASSING ZONE**

BURLINGTON ROAD	HUNTLEY ROAD
STA. 104+00 TO STA. 130+50	STA. 1019+50 TO STA. 1061+00
STA. 199+00 TO STA. 208+00	STA. 1074+00 TO STA. 1083+50
STA. 240+50 TO STA. 271+50	STA. 1160+00 TO STA. 1189+00
STA. 282+00 TO STA. 287+00	STA. 1229+50 TO STA. 1269+50
STA. 356+00 TO STA. 379+00	
STA. 429+50 TO STA. 435+50	
STA. 512+50 TO STA. 614+50	
STA. 627+50 TO STA. 668+00	



**PROPOSED TYPICAL SECTION
ONE-SIDED PASSING ZONE**

BURLINGTON ROAD	BURLINGTON ROAD CONT.	HUNTLEY ROAD
STA. 130+50 TO STA. 139+00	STA. 346+50 TO STA. 356+00	STA. 1010+12 TO STA. 1019+50
STA. 140+00 TO STA. 149+00	STA. 379+00 TO STA. 389+00	STA. 1083+50 TO STA. 1123+00
STA. 149+00 TO STA. 167+00	STA. 422+00 TO STA. 429+50	
STA. 196+00 TO STA. 199+00	STA. 435+50 TO STA. 443+50	
STA. 208+00 TO STA. 216+00	STA. 443+50 TO STA. 453+00	
STA. 232+00 TO STA. 240+50	STA. 453+00 TO STA. 463+00	
STA. 287+00 TO STA. 297+00	STA. 471+50 TO STA. 479+00	
STA. 305+00 TO STA. 311+50	STA. 479+00 TO STA. 490+00	
STA. 315+00 TO STA. 321+00	STA. 494+50 TO STA. 499+50	
STA. 330+00 TO STA. 341+00	STA. 504+00 TO STA. 512+50	

- NOTE:**
- SEE EDGE RUMBLE DETAIL ON SHEET 23 FOR ADDITIONAL INFORMATION
 - SEE CENTER RUMBLE DETAIL ON SHEET 24 FOR ADDITIONAL INFORMATION

PRINTED DATE: 5/13/2014
 FILE NAME: K:\Projects\Kane County\2012 HSP\CAD\Drawings\Sheets\Rumble Strip Sections.dgn



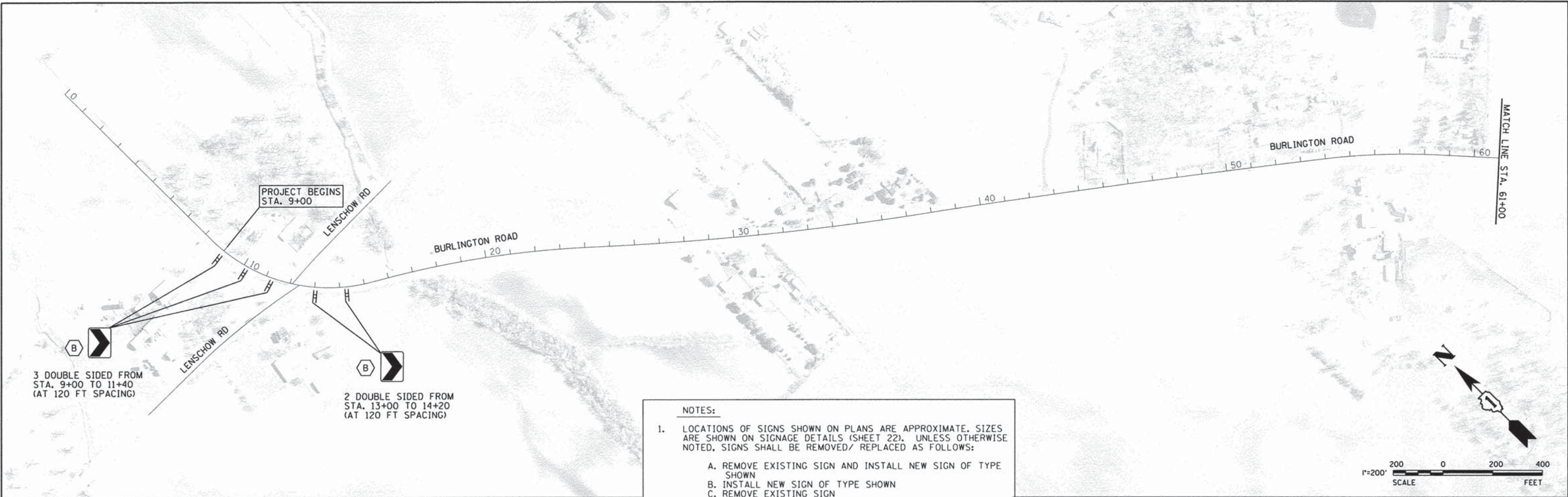
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

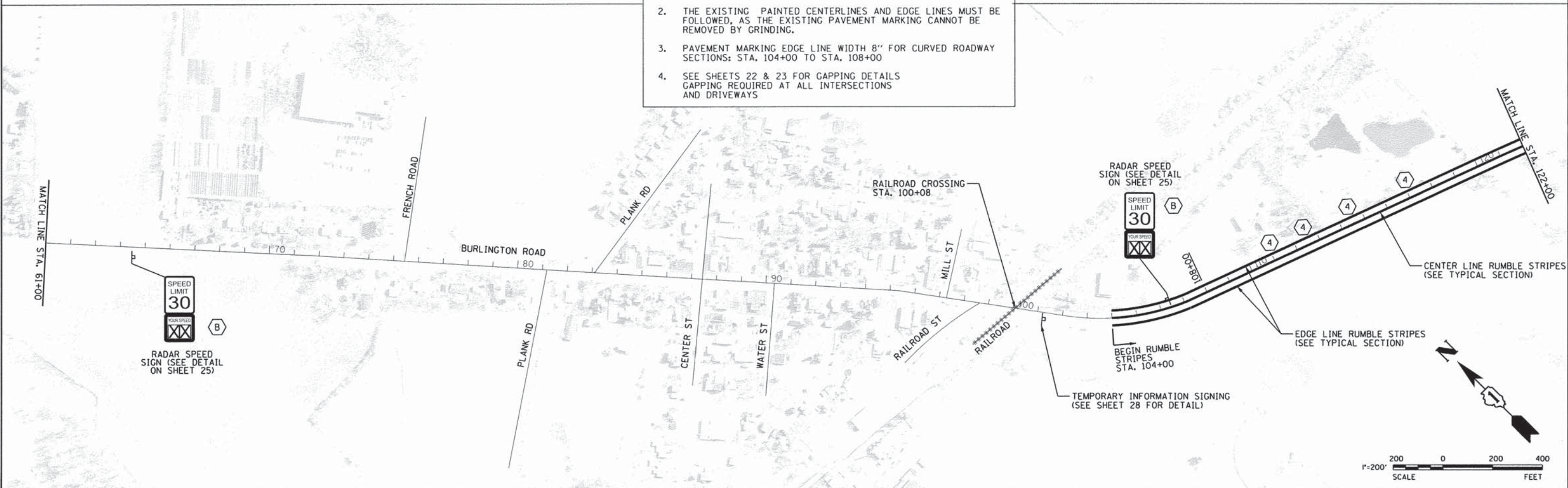
**TYPICAL SECTION
BURLINGTON AND HUNTLEY ROAD**

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

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2301/1283	11-00418-00-SP	KANE	29	4
CONTRACT NO 63861				
ILLINOIS FEDERAL AID PROJECT				



- NOTES:**
- LOCATIONS OF SIGNS SHOWN ON PLANS ARE APPROXIMATE. SIZES ARE SHOWN ON SIGNAGE DETAILS (SHEET 22). UNLESS OTHERWISE NOTED, SIGNS SHALL BE REMOVED/ REPLACED AS FOLLOWS:
 - A. REMOVE EXISTING SIGN AND INSTALL NEW SIGN OF TYPE SHOWN
 - B. INSTALL NEW SIGN OF TYPE SHOWN
 - C. REMOVE EXISTING SIGN
 - THE EXISTING PAINTED CENTERLINES AND EDGE LINES MUST BE FOLLOWED, AS THE EXISTING PAVEMENT MARKING CANNOT BE REMOVED BY GRINDING.
 - PAVEMENT MARKING EDGE LINE WIDTH 8" FOR CURVED ROADWAY SECTIONS: STA. 104+00 TO STA. 108+00
 - SEE SHEETS 22 & 23 FOR GAPPING DETAILS. GAPPING REQUIRED AT ALL INTERSECTIONS AND DRIVEWAYS



PRINTED DATE: 5/28/2014
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PLOT DATE	= 5/28/2014

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DRAWN	- DN
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DATE	= 5/28/2014

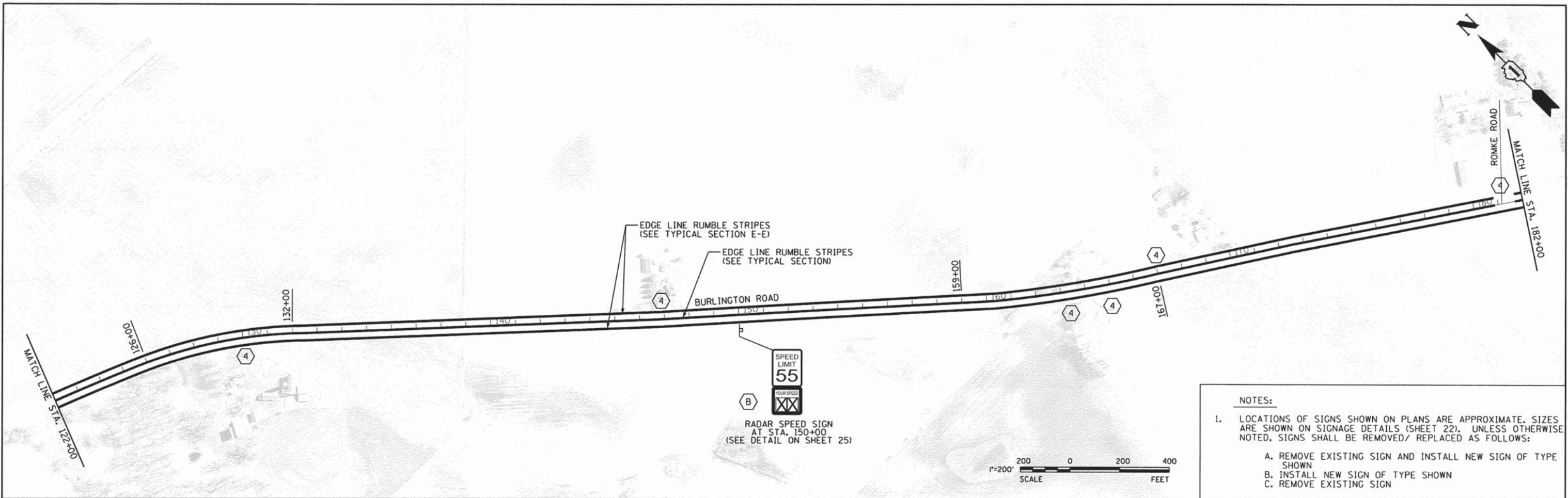
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

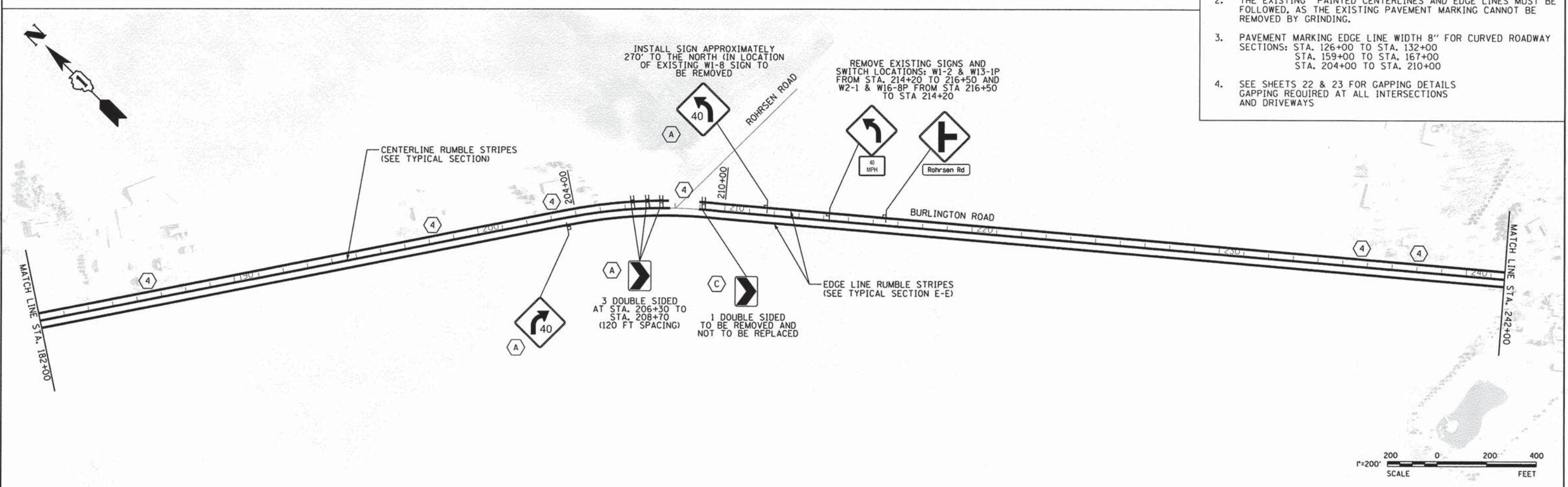
**ROADWAY PLANS
BURLINGTON ROAD**

SCALE: SHEET NO OF SHEETS STA TO STA

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2301/1283	11-00418-00-SP	KANE	29	5
CONTRACT NO 63861				
ILLINOIS FEDERAL AID PROJECT				



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 - B. INSTALL NEW SIGN OF TYPE SHOWN
 - C. REMOVE EXISTING SIGN
 - THE EXISTING PAINTED CENTERLINES AND EDGE LINES MUST BE FOLLOWED, AS THE EXISTING PAVEMENT MARKING CANNOT BE REMOVED BY GRINDING.
 - PAVEMENT MARKING EDGE LINE WIDTH 8" FOR CURVED ROADWAY SECTIONS: STA. 126+00 TO STA. 132+00
STA. 159+00 TO STA. 167+00
STA. 204+00 TO STA. 210+00
 - SEE SHEETS 22 & 23 FOR GAPPING DETAILS
GAPPING REQUIRED AT ALL INTERSECTIONS AND DRIVEWAYS



PRINTED DATE: 5/28/2014
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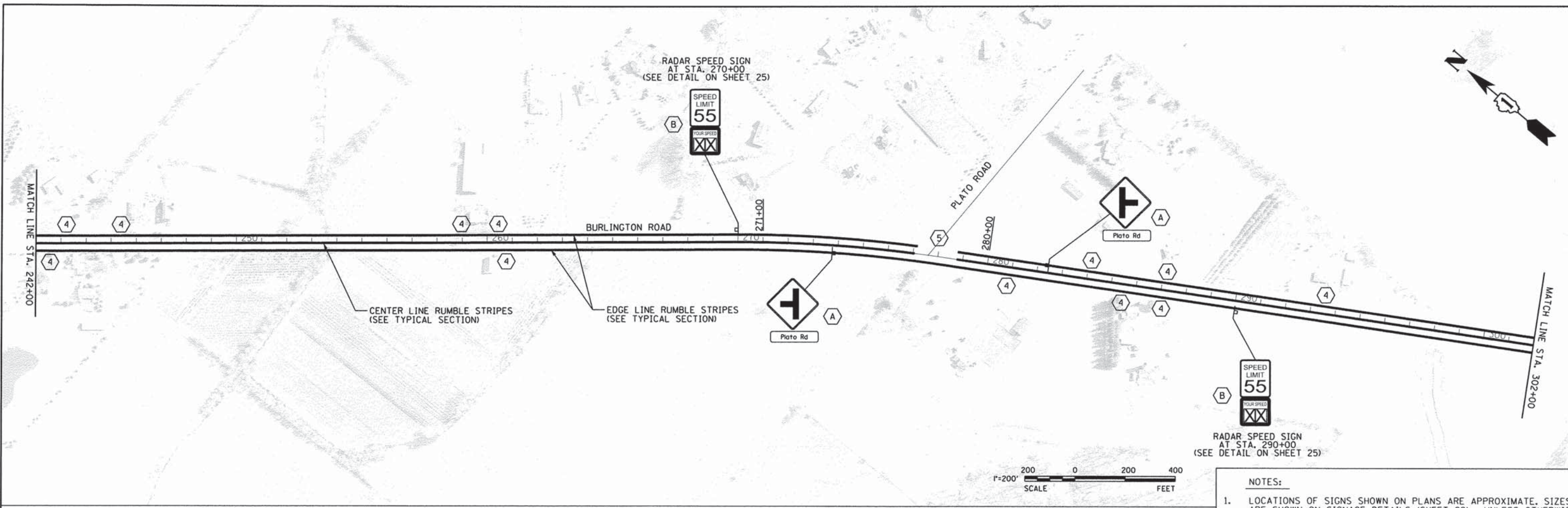
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

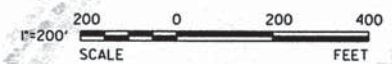
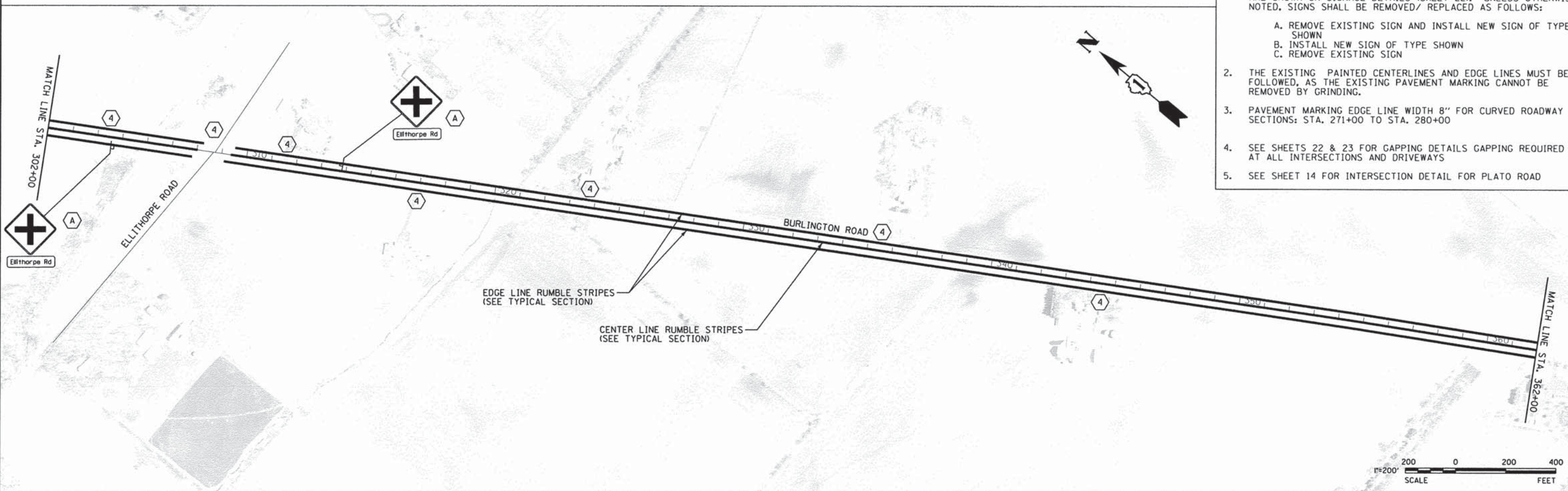
ROADWAY PLANS
BURLINGTON ROAD

SCALE: SHEET NO OF SHEETS STA TO STA

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2301/1283	11-00418-00-SP	KANE	29	6
CONTRACT NO 63861				
ILLINOIS/FEDERAL AID PROJECT				



- NOTES:**
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 - B. INSTALL NEW SIGN OF TYPE SHOWN
 - C. REMOVE EXISTING SIGN
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 - PAVEMENT MARKING EDGE LINE WIDTH 8" FOR CURVED ROADWAY SECTIONS: STA. 271+00 TO STA. 280+00
 - SEE SHEETS 22 & 23 FOR GAPPING DETAILS GAPPING REQUIRED AT ALL INTERSECTIONS AND DRIVEWAYS
 - SEE SHEET 14 FOR INTERSECTION DETAIL FOR PLATO ROAD



PRINTED DATE: 5/28/2014
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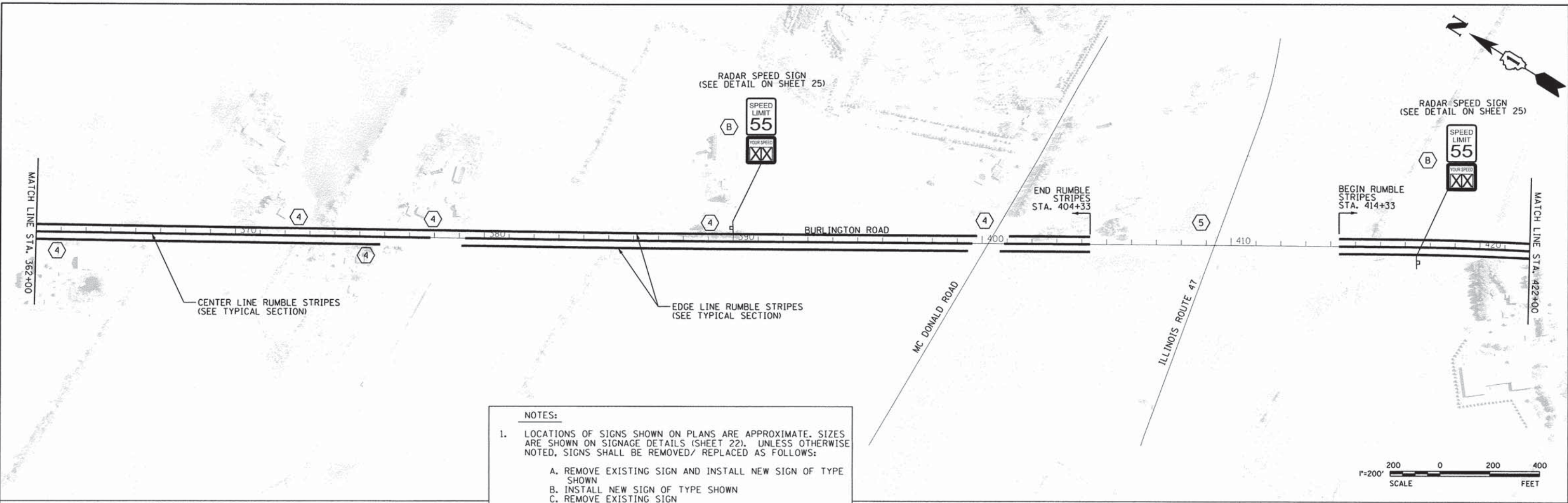
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

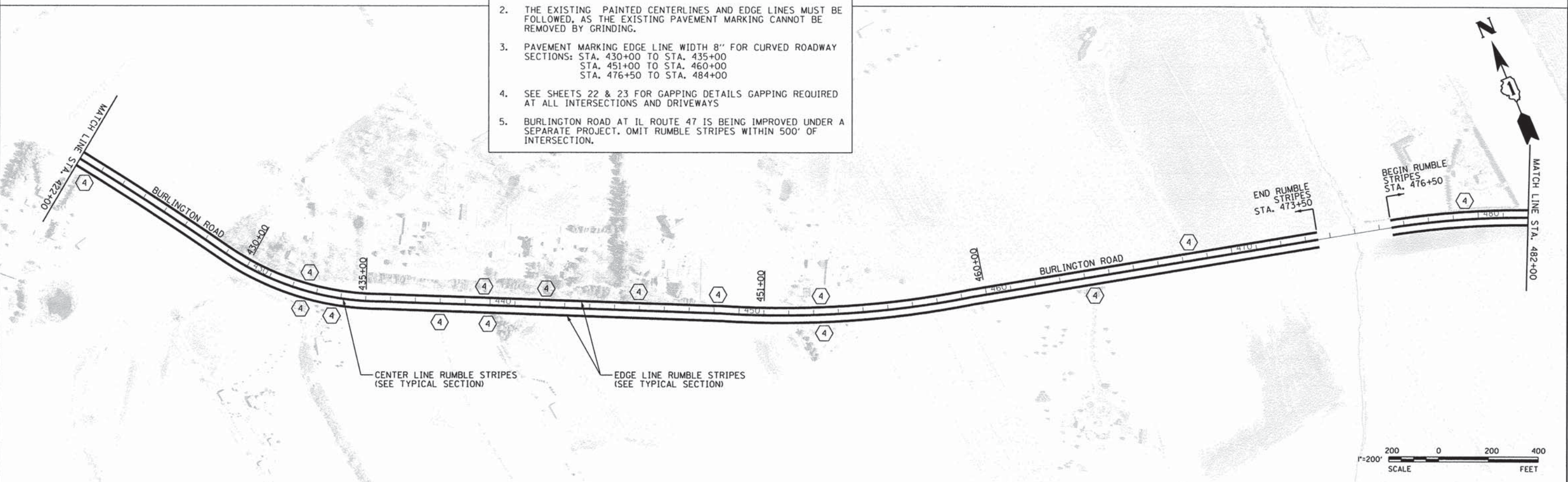
**ROADWAY PLANS
BURLINGTON ROAD**

SCALE: SHEET NO OF SHEETS STA TO STA

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2301/1283	11-00418-00-SP	KANE	29	7
CONTRACT NO 63861				
ILLINOIS FEDERAL AID PROJECT				



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 - PAVEMENT MARKING EDGE LINE WIDTH 8" FOR CURVED ROADWAY SECTIONS:
 - STA. 430+00 TO STA. 435+00
 - STA. 451+00 TO STA. 460+00
 - STA. 476+50 TO STA. 484+00
 - SEE SHEETS 22 & 23 FOR GAPPING DETAILS GAPPING REQUIRED AT ALL INTERSECTIONS AND DRIVEWAYS
 - BURLINGTON ROAD AT IL ROUTE 47 IS BEING IMPROVED UNDER A SEPARATE PROJECT. OMIT RUMBLE STRIPES WITHIN 500' OF INTERSECTION.



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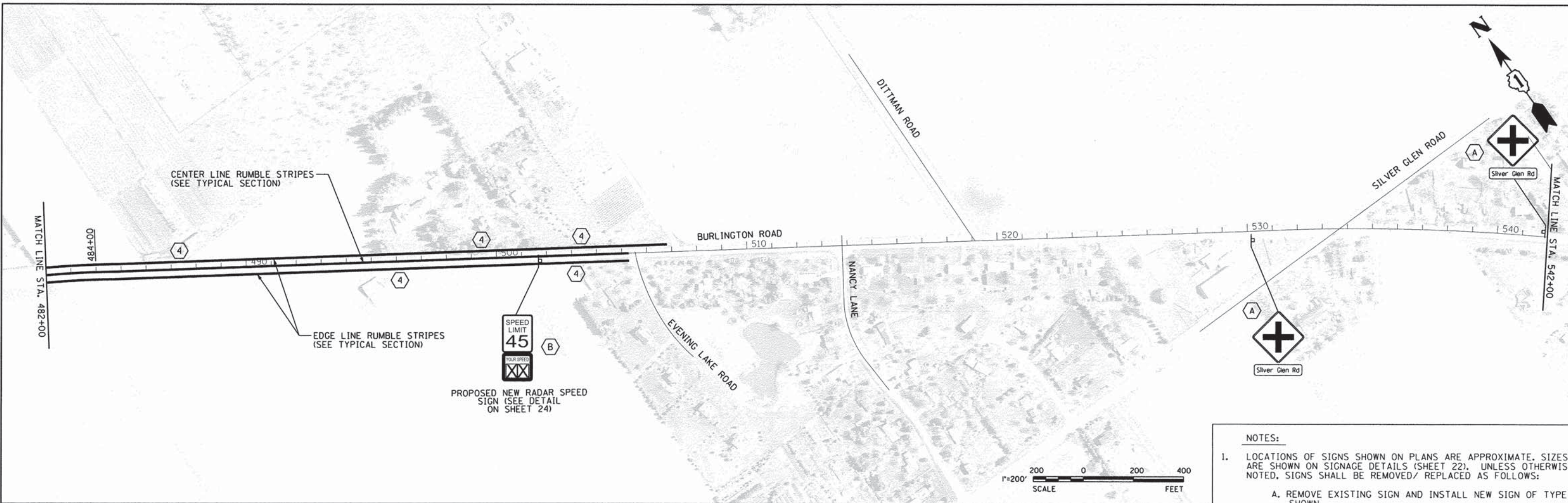
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLANS
BURLINGTON ROAD**

SCALE: SHEET NO OF SHEETS STA TO STA

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2301/1283	11-00418-00-SP	KANE	29	8
CONTRACT NO 63861				
ILLINOIS FEDERAL AID PROJECT				



- NOTES:**
- LOCATIONS OF SIGNS SHOWN ON PLANS ARE APPROXIMATE. SIZES ARE SHOWN ON SIGNAGE DETAILS (SHEET 22). UNLESS OTHERWISE NOTED, SIGNS SHALL BE REMOVED/ REPLACED AS FOLLOWS:
 - A. REMOVE EXISTING SIGN AND INSTALL NEW SIGN OF TYPE SHOWN
 - B. INSTALL NEW SIGN OF TYPE SHOWN
 - C. REMOVE EXISTING SIGN
 - THE EXISTING PAINTED CENTERLINES AND EDGE LINES MUST BE FOLLOWED, AS THE EXISTING PAVEMENT MARKING CANNOT BE REMOVED BY GRINDING.
 - PAVEMENT MARKING EDGE LINE WIDTH 8" FOR CURVED ROADWAY SECTIONS: STA. 476+50 TO STA. 484+00
 - SEE SHEETS 22 & 23 FOR GAPPING DETAILS GAPPING REQUIRED AT ALL INTERSECTIONS AND DRIVEWAYS



PRINTED DATE: 5/28/2014
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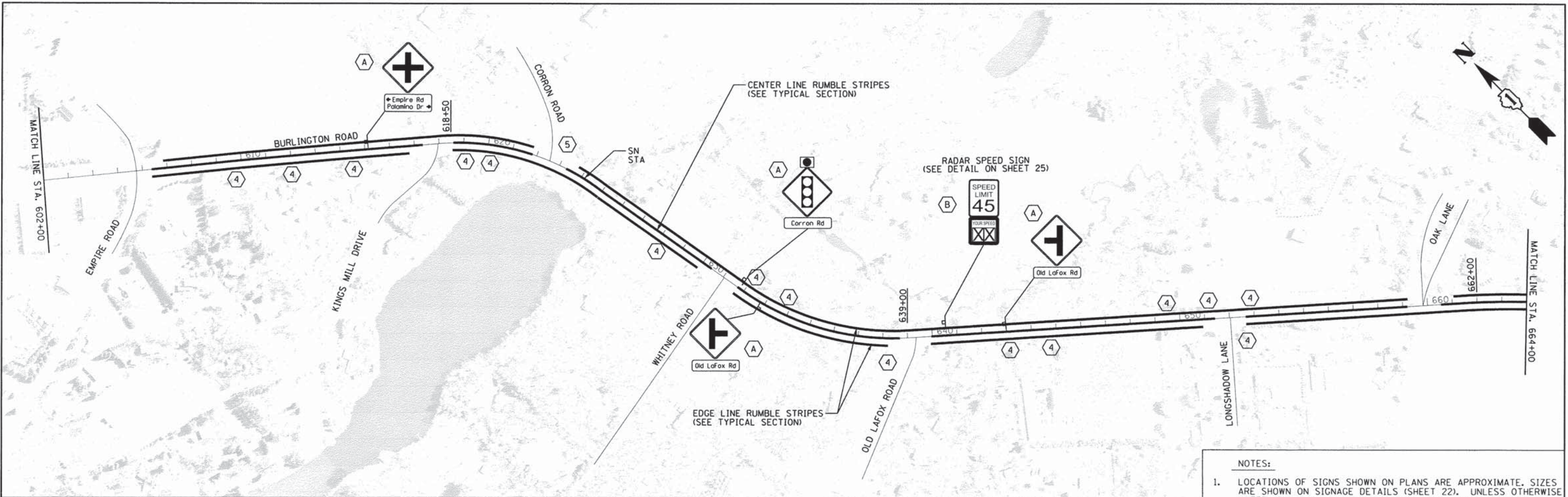
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

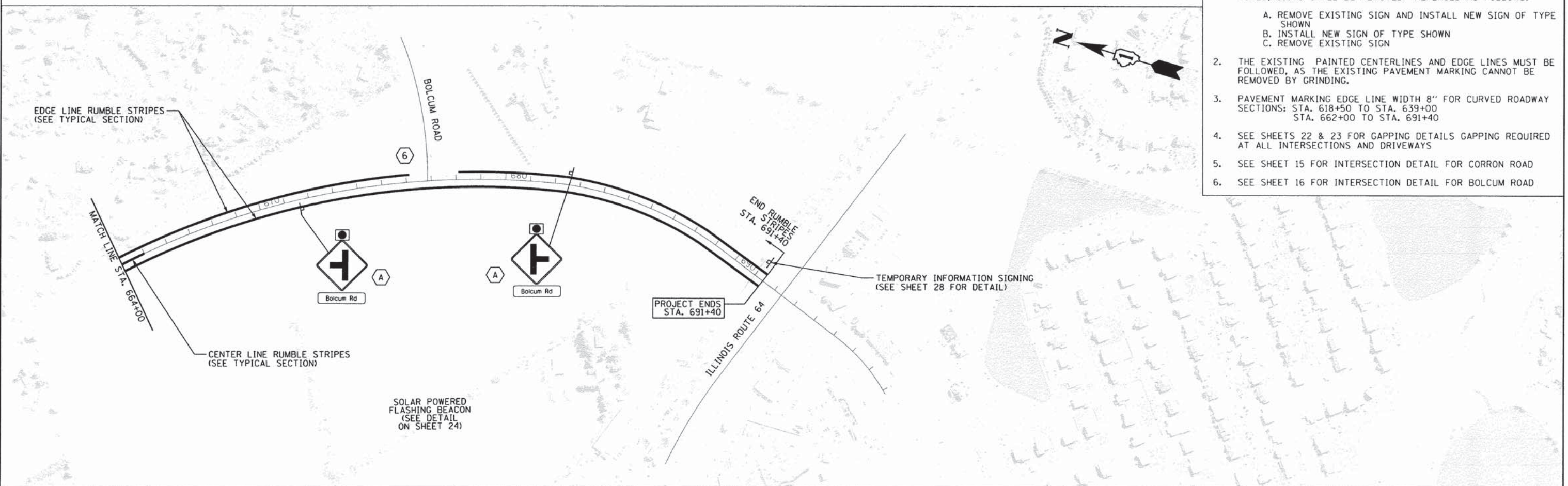
**ROADWAY PLANS
BURLINGTON ROAD**

SCALE: SHEET NO OF SHEETS STA TO STA

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2301/1283	11-00418-00-SP	KANE	29	9
CONTRACT NO 63861				
ILLINOIS FEDERAL AID PROJECT				



- NOTES:**
- LOCATIONS OF SIGNS SHOWN ON PLANS ARE APPROXIMATE. SIZES ARE SHOWN ON SIGNAGE DETAILS (SHEET 22). UNLESS OTHERWISE NOTED, SIGNS SHALL BE REMOVED/ REPLACED AS FOLLOWS:
 - A. REMOVE EXISTING SIGN AND INSTALL NEW SIGN OF TYPE SHOWN
 - B. INSTALL NEW SIGN OF TYPE SHOWN
 - C. REMOVE EXISTING SIGN
 - THE EXISTING PAINTED CENTERLINES AND EDGE LINES MUST BE FOLLOWED, AS THE EXISTING PAVEMENT MARKING CANNOT BE REMOVED BY GRINDING.
 - PAVEMENT MARKING EDGE LINE WIDTH 8" FOR CURVED ROADWAY SECTIONS: STA. 618+50 TO STA. 639+00
STA. 662+00 TO STA. 691+40
 - SEE SHEETS 22 & 23 FOR GAPPING DETAILS GAPPING REQUIRED AT ALL INTERSECTIONS AND DRIVEWAYS
 - SEE SHEET 15 FOR INTERSECTION DETAIL FOR CORRON ROAD
 - SEE SHEET 16 FOR INTERSECTION DETAIL FOR BOLCUM ROAD



PRINTED DATE: 5/28/2014
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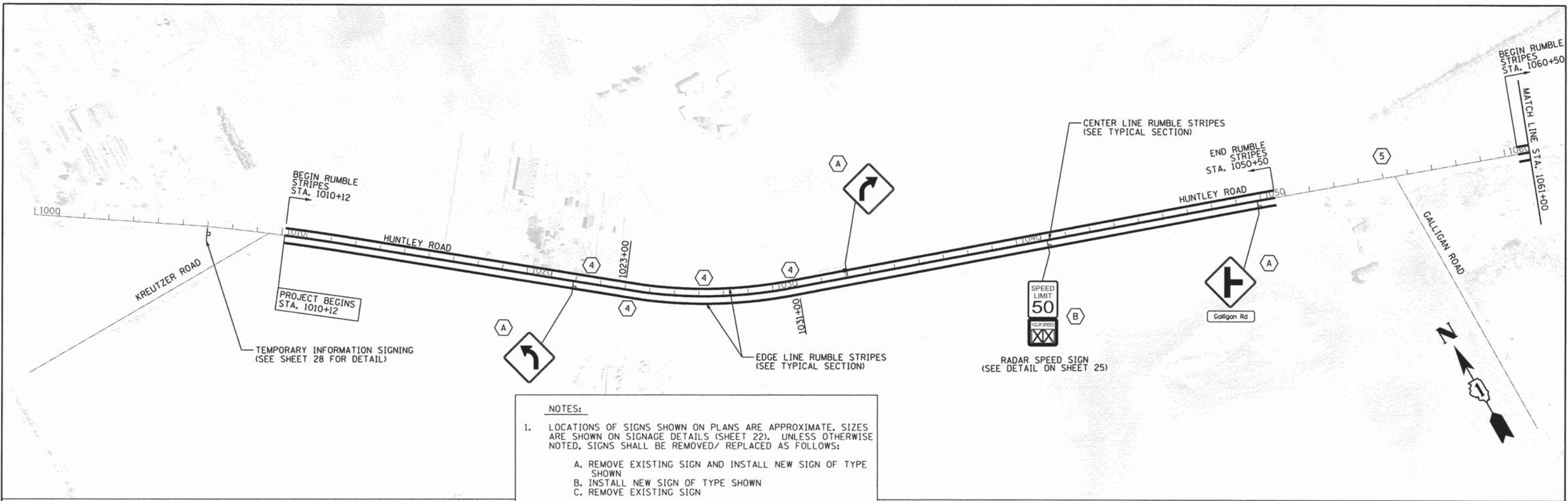
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

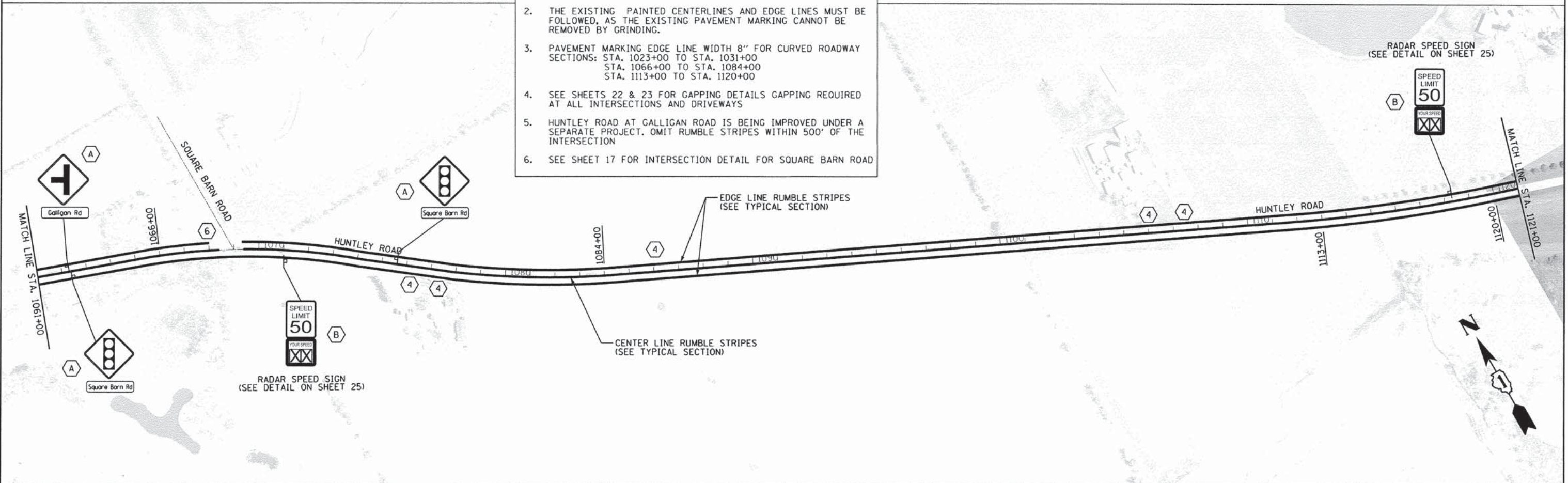
ROADWAY PLANS
BURLINGTON ROAD

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2301/1283	11-00418-00-SP	KANE	29	10
CONTRACT NO 63861				
ILLINOIS FEDERAL AID PROJECT				

SCALE: SHEET NO OF SHEETS STA TO STA



- NOTES:**
- LOCATIONS OF SIGNS SHOWN ON PLANS ARE APPROXIMATE. SIZES ARE SHOWN ON SIGNAGE DETAILS (SHEET 22). UNLESS OTHERWISE NOTED, SIGNS SHALL BE REMOVED/ REPLACED AS FOLLOWS:
 - A. REMOVE EXISTING SIGN AND INSTALL NEW SIGN OF TYPE SHOWN
 - B. INSTALL NEW SIGN OF TYPE SHOWN
 - C. REMOVE EXISTING SIGN
 - THE EXISTING PAINTED CENTERLINES AND EDGE LINES MUST BE FOLLOWED, AS THE EXISTING PAVEMENT MARKING CANNOT BE REMOVED BY GRINDING.
 - PAVEMENT MARKING EDGE LINE WIDTH 8" FOR CURVED ROADWAY SECTIONS: STA. 1023+00 TO STA. 1031+00
STA. 1066+00 TO STA. 1084+00
STA. 1113+00 TO STA. 1120+00
 - SEE SHEETS 22 & 23 FOR GAPPING DETAILS GAPPING REQUIRED AT ALL INTERSECTIONS AND DRIVEWAYS
 - HUNTLEY ROAD AT GALLIGAN ROAD IS BEING IMPROVED UNDER A SEPARATE PROJECT. OMIT RUMBLE STRIPES WITHIN 500' OF THE INTERSECTION
 - SEE SHEET 17 FOR INTERSECTION DETAIL FOR SQUARE BARN ROAD



PRINTED DATE: 5/28/2014
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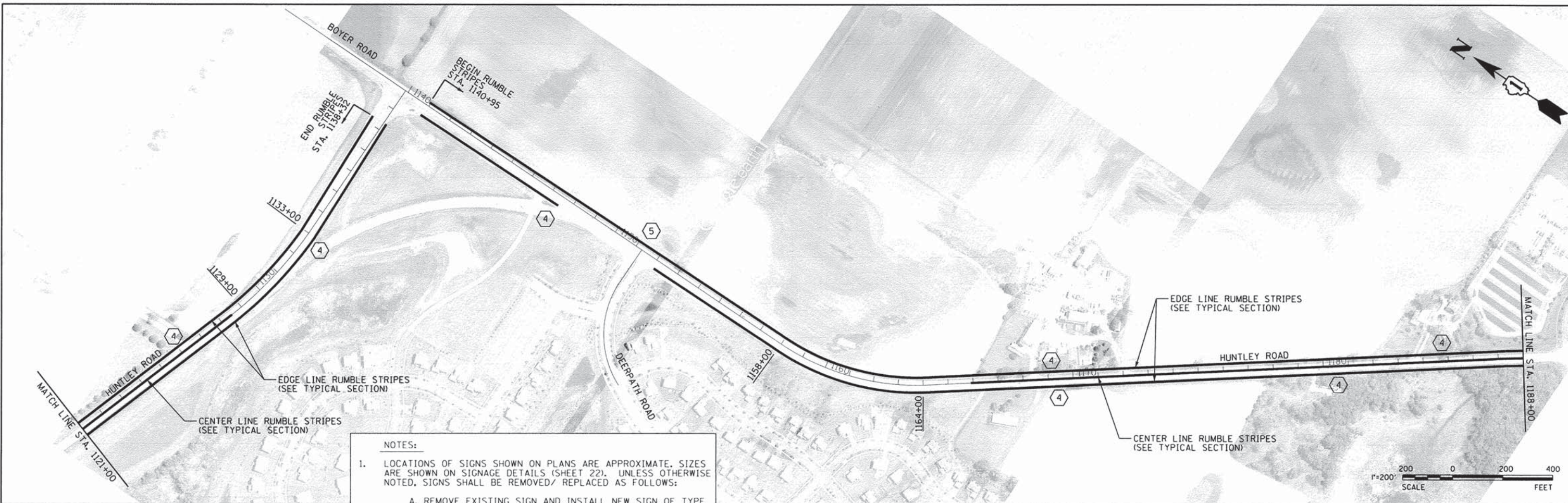
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

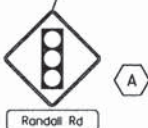
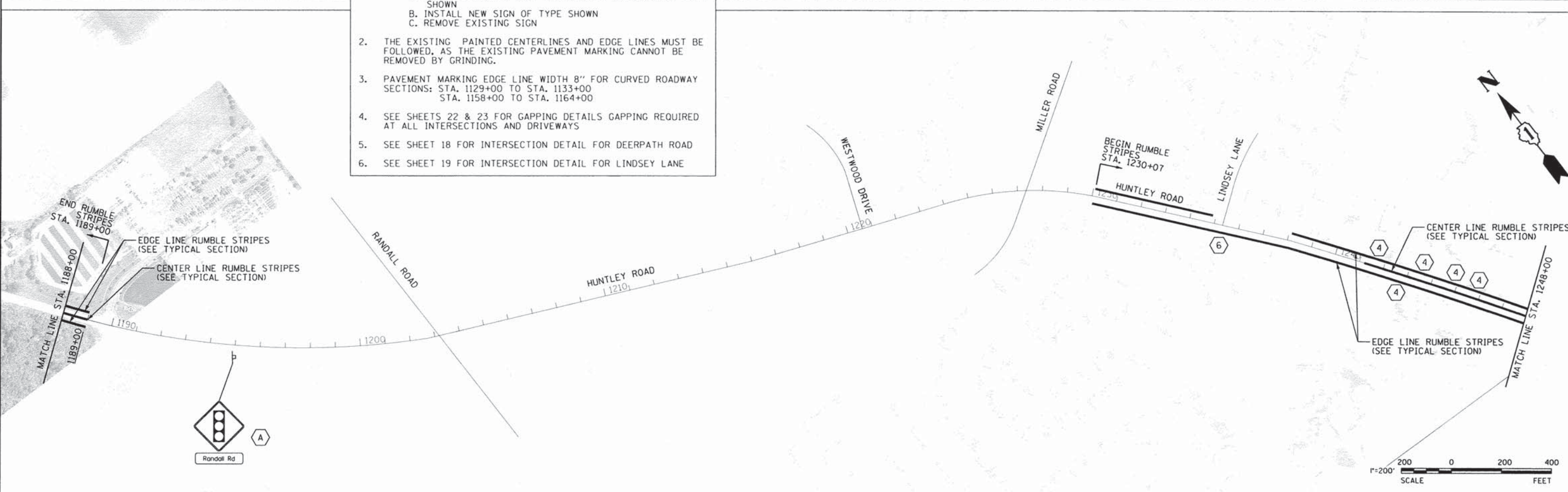
**ROADWAY PLANS
HUNTLEY ROAD**

SCALE: SHEET NO OF SHEETS STA TO STA

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2301/1283	11-00418-00-SP	KANE	29	11
CONTRACT NO 63861				
ILLINOIS FEDERAL AID PROJECT				



- NOTES:**
- LOCATIONS OF SIGNS SHOWN ON PLANS ARE APPROXIMATE. SIZES ARE SHOWN ON SIGNAGE DETAILS (SHEET 22). UNLESS OTHERWISE NOTED, SIGNS SHALL BE REMOVED/ REPLACED AS FOLLOWS:
 - REMOVE EXISTING SIGN AND INSTALL NEW SIGN OF TYPE SHOWN
 - INSTALL NEW SIGN OF TYPE SHOWN
 - REMOVE EXISTING SIGN
 - THE EXISTING PAINTED CENTERLINES AND EDGE LINES MUST BE FOLLOWED, AS THE EXISTING PAVEMENT MARKING CANNOT BE REMOVED BY GRINDING.
 - PAVEMENT MARKING EDGE LINE WIDTH 8" FOR CURVED ROADWAY SECTIONS: STA. 1129+00 TO STA. 1133+00
STA. 1158+00 TO STA. 1164+00
 - SEE SHEETS 22 & 23 FOR GAPPING DETAILS GAPPING REQUIRED AT ALL INTERSECTIONS AND DRIVEWAYS
 - SEE SHEET 18 FOR INTERSECTION DETAIL FOR DEERPETH ROAD
 - SEE SHEET 19 FOR INTERSECTION DETAIL FOR LINDSEY LANE



PRINTED DATE: 5/28/2014
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

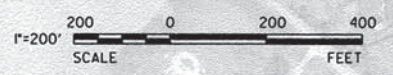
**ROADWAY PLANS
HUNTLEY ROAD**

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

F.A.J. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2301/1283	11-00418-00-SP	KANE	29	12
CONTRACT NO 63861				
ILLINOIS FEDERAL AID PROJECT				



- NOTES:**
- LOCATIONS OF SIGNS SHOWN ON PLANS ARE APPROXIMATE. SIZES ARE SHOWN ON SIGNAGE DETAILS (SHEET 22). UNLESS OTHERWISE NOTED, SIGNS SHALL BE REMOVED/ REPLACED AS FOLLOWS:
 - A. REMOVE EXISTING SIGN AND INSTALL NEW SIGN OF TYPE SHOWN
 - B. INSTALL NEW SIGN OF TYPE SHOWN
 - C. REMOVE EXISTING SIGN
 - THE EXISTING PAINTED CENTERLINES AND EDGE LINES MUST BE FOLLOWED, AS THE EXISTING PAVEMENT MARKING CANNOT BE REMOVED BY GRINDING.
 - PAVEMENT MARKING EDGE LINE WIDTH 8" FOR CURVED ROADWAY SECTIONS: STA. 1249+00 TO STA. 1254+95
 - SEE SHEETS 22 & 23 FOR GAPPING DETAILS GAPPING REQUIRED AT ALL INTERSECTIONS AND DRIVEWAYS
 - SEE SHEET 20 FOR INTERSECTION DETAIL FOR BINNIE ROAD



PRINTED DATE: 5/12/2014
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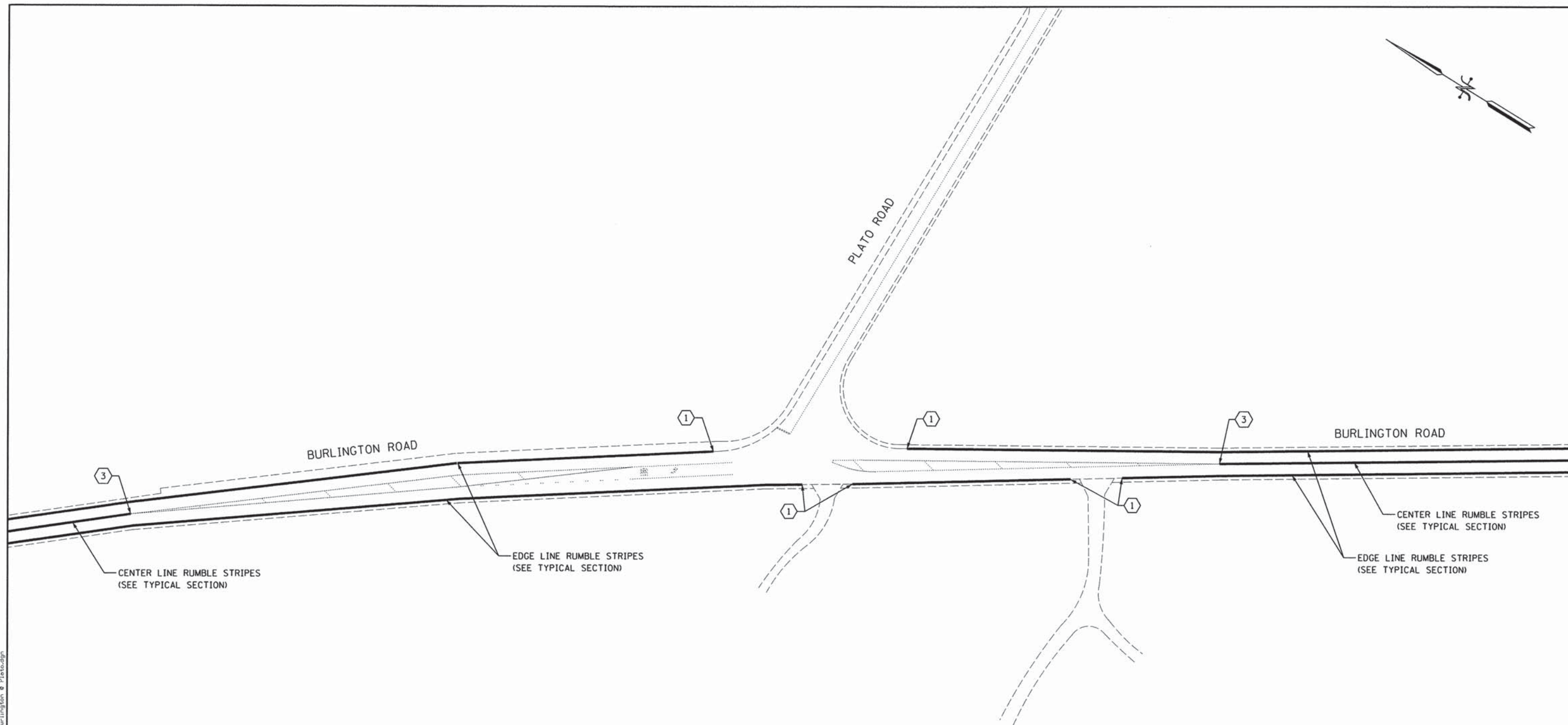
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS
HUNTLEY ROAD

SCALE: SHEET NO OF SHEETS STA TO STA

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2301/1283	11-00418-00-SP	KANE	29	13
CONTRACT NO 63861				
ILLINOIS FEDERAL AID PROJECT				



NOTES:

- ① EDGE RUMBLE STRIPES SHALL STOP 10' FROM A SIDE ROAD/ ENTRANCE MEASURED FROM THE POINT OF TANGENT ON THE MAINLINE. IF A RIGHT TURN LANE IS PROVIDED, EDGE RUMBLE STRIPES SHALL STOP AT THE START OF THE TAPER. EDGE RUMBLE STRIPES SHALL START 10' FROM A SIDE ROAD/ ENTRANCE, MEASURED FROM THE POINT OF TANGENT ON THE MAINLINE.
- ② OMIT SHOULDER RUMBLE STRIPS ACROSS STRUCTURES AND AT MAILBOX TURNOUTS.
- ③ CENTERLINE RUMBLE SHALL STOP/ START AT THE START OF LEFT TURN/ MEDIAN TAPER.
- ④ INTERSECTION DETAIL IS SHOWN FOR INFORMATIONAL PURPOSES ONLY, RUMBLES SHALL BE INSTALLED AS PER FIELD CONDITIONS.



PRINTED DATE: 5/12/2014
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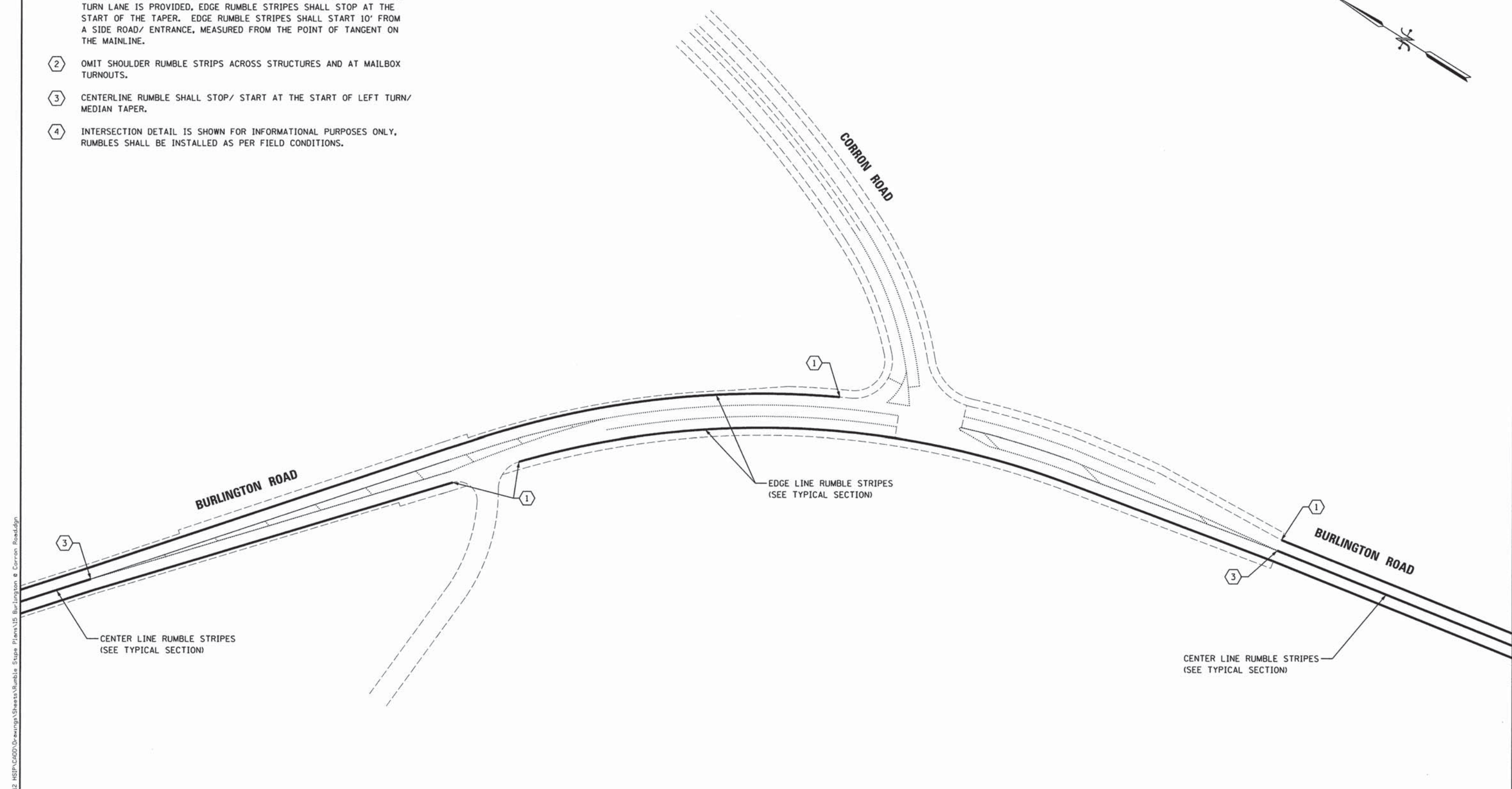
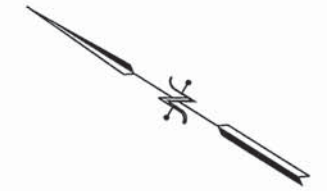
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAIL BURLINGTON ROAD AND PLATO ROAD			
SCALE: _____	SHEET NO. ____ OF ____ SHEETS	STA. _____ TO STA. _____	

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2301/1283	11-00418-00-SP	KANE	29	14
CONTRACT NO 63861				
ILLINOIS FEDERAL AID PROJECT				

NOTES:

- ① EDGE RUMBLE STRIPES SHALL STOP 10' FROM A SIDE ROAD/ ENTRANCE MEASURED FROM THE POINT OF TANGENT ON THE MAINLINE. IF A RIGHT TURN LANE IS PROVIDED, EDGE RUMBLE STRIPES SHALL STOP AT THE START OF THE TAPER. EDGE RUMBLE STRIPES SHALL START 10' FROM A SIDE ROAD/ ENTRANCE, MEASURED FROM THE POINT OF TANGENT ON THE MAINLINE.
- ② OMIT SHOULDER RUMBLE STRIPS ACROSS STRUCTURES AND AT MAILBOX TURNOUTS.
- ③ CENTERLINE RUMBLE SHALL STOP/ START AT THE START OF LEFT TURN/ MEDIAN TAPER.
- ④ INTERSECTION DETAIL IS SHOWN FOR INFORMATIONAL PURPOSES ONLY, RUMBLES SHALL BE INSTALLED AS PER FIELD CONDITIONS.



PRINTED DATE: 5/12/2014
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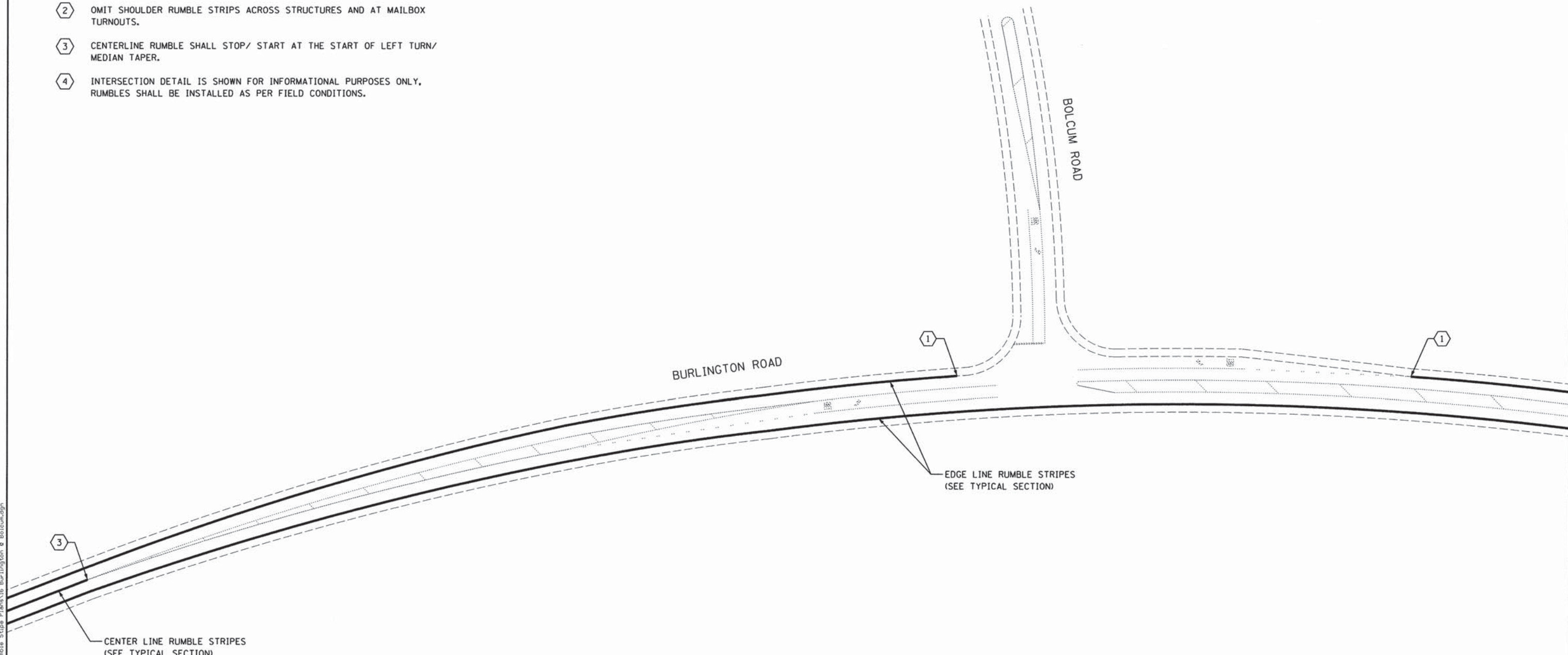
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAIL			
BURLINGTON ROAD AND CORRON ROAD			
SCALE: _____	SHEET NO. ____ OF ____ SHEETS	STA _____ TO STA _____	

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2301/1283	11-00418-00-SP	KANE	29	15
CONTRACT NO 63861				
ILLINOIS FEDERAL AID PROJECT				

NOTES:

- ① EDGE RUMBLE STRIPES SHALL STOP 10' FROM A SIDE ROAD/ ENTRANCE MEASURED FROM THE POINT OF TANGENT ON THE MAINLINE. IF A RIGHT TURN LANE IS PROVIDED, EDGE RUMBLE STRIPES SHALL STOP AT THE START OF THE TAPER. EDGE RUMBLE STRIPES SHALL START 10' FROM A SIDE ROAD/ ENTRANCE, MEASURED FROM THE POINT OF TANGENT ON THE MAINLINE.
- ② OMIT SHOULDER RUMBLE STRIPS ACROSS STRUCTURES AND AT MAILBOX TURNOUTS.
- ③ CENTERLINE RUMBLE SHALL STOP/ START AT THE START OF LEFT TURN/ MEDIAN TAPER.
- ④ INTERSECTION DETAIL IS SHOWN FOR INFORMATIONAL PURPOSES ONLY, RUMBLES SHALL BE INSTALLED AS PER FIELD CONDITIONS.



PRINTED DATE: 5/12/2014
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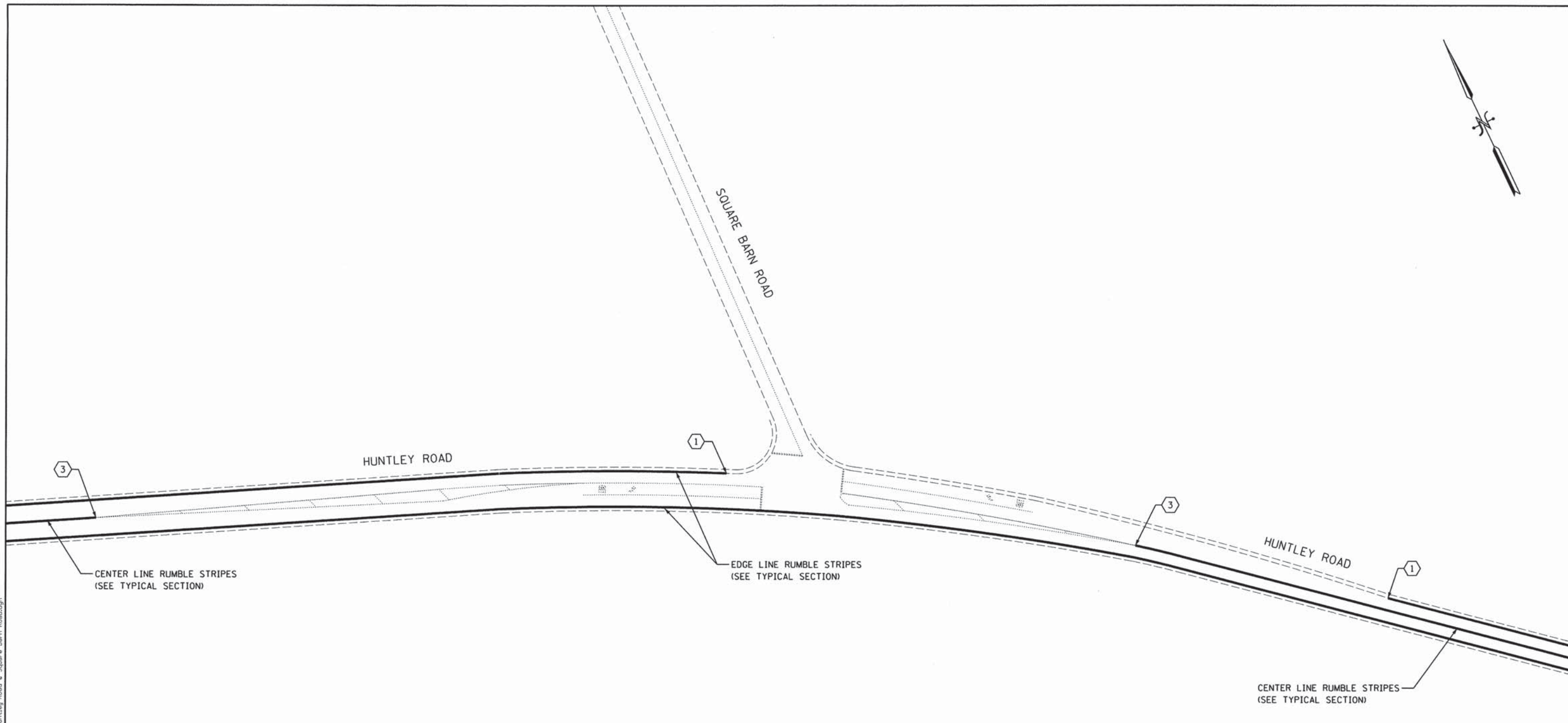
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAIL
BURLINGTON ROAD AND BOLCUM ROAD**

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

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2301/1283	11-00418-00-SP	KANE	29	16
CONTRACT NO 63861				
ILLINOIS FEDERAL AID PROJECT				



NOTES:

- ① EDGE RUMBLE STRIPES SHALL STOP 10' FROM A SIDE ROAD/ ENTRANCE MEASURED FROM THE POINT OF TANGENT ON THE MAINLINE. IF A RIGHT TURN LANE IS PROVIDED, EDGE RUMBLE STRIPES SHALL STOP AT THE START OF THE TAPER. EDGE RUMBLE STRIPES SHALL START 10' FROM A SIDE ROAD/ ENTRANCE, MEASURED FROM THE POINT OF TANGENT ON THE MAINLINE.
- ② OMIT SHOULDER RUMBLE STRIPS ACROSS STRUCTURES AND AT MAILBOX TURNOUTS.
- ③ CENTERLINE RUMBLE SHALL STOP/ START AT THE START OF LEFT TURN/ MEDIAN TAPER.
- ④ INTERSECTION DETAIL IS SHOWN FOR INFORMATIONAL PURPOSES ONLY, RUMBLES SHALL BE INSTALLED AS PER FIELD CONDITIONS.



PRINTED DATE: 5/12/2014
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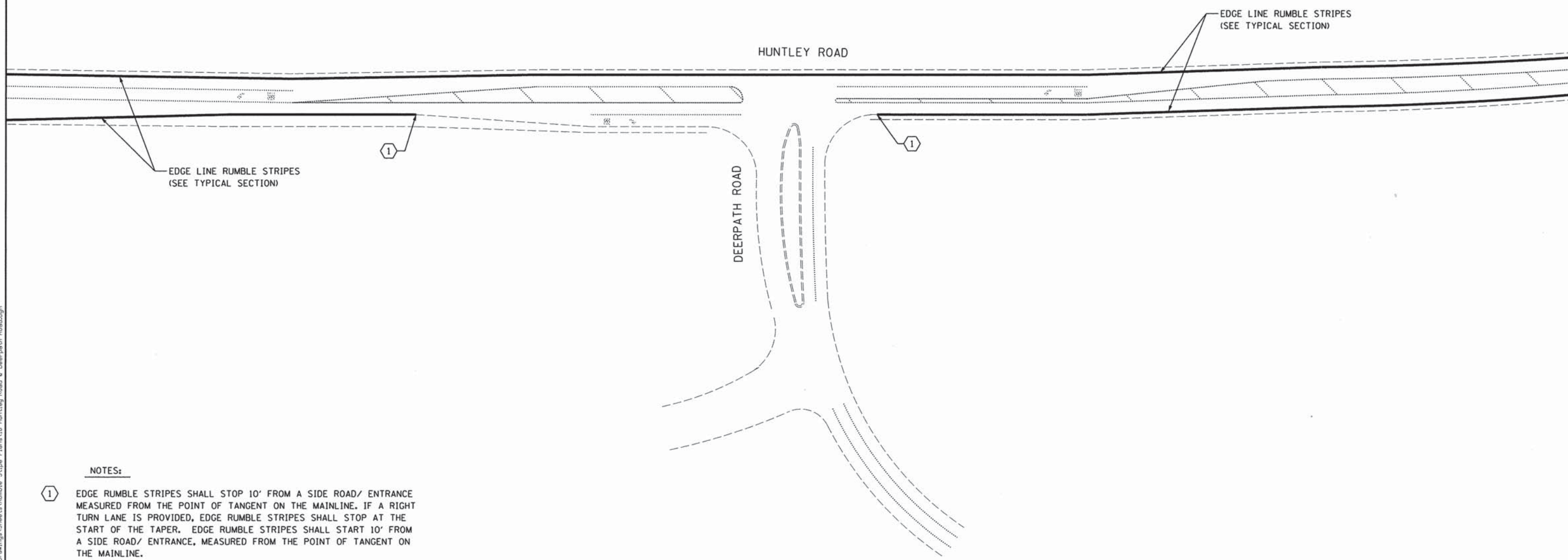
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAIL
 HUNTLEY ROAD AND SQUARE BARN ROAD**

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

F.A.J. RTE 2301/1283	SECTION 11-00418-00-SP	COUNTY KANE	TOTAL SHEETS 29	SHEET NO. 17
CONTRACT NO 63861				
ILLINOIS FEDERAL AID PROJECT				



NOTES:

- ① EDGE RUMBLE STRIPES SHALL STOP 10' FROM A SIDE ROAD/ ENTRANCE MEASURED FROM THE POINT OF TANGENT ON THE MAINLINE. IF A RIGHT TURN LANE IS PROVIDED, EDGE RUMBLE STRIPES SHALL STOP AT THE START OF THE TAPER. EDGE RUMBLE STRIPES SHALL START 10' FROM A SIDE ROAD/ ENTRANCE, MEASURED FROM THE POINT OF TANGENT ON THE MAINLINE.
- ② OMIT SHOULDER RUMBLE STRIPS ACROSS STRUCTURES AND AT MAILBOX TURNOUTS.
- ③ CENTERLINE RUMBLE SHALL STOP/ START AT THE START OF LEFT TURN/ MEDIAN TAPER.
- ④ INTERSECTION DETAIL IS SHOWN FOR INFORMATIONAL PURPOSES ONLY, RUMBLES SHALL BE INSTALLED AS PER FIELD CONDITIONS.



PRINTED DATE: 5/12/2014
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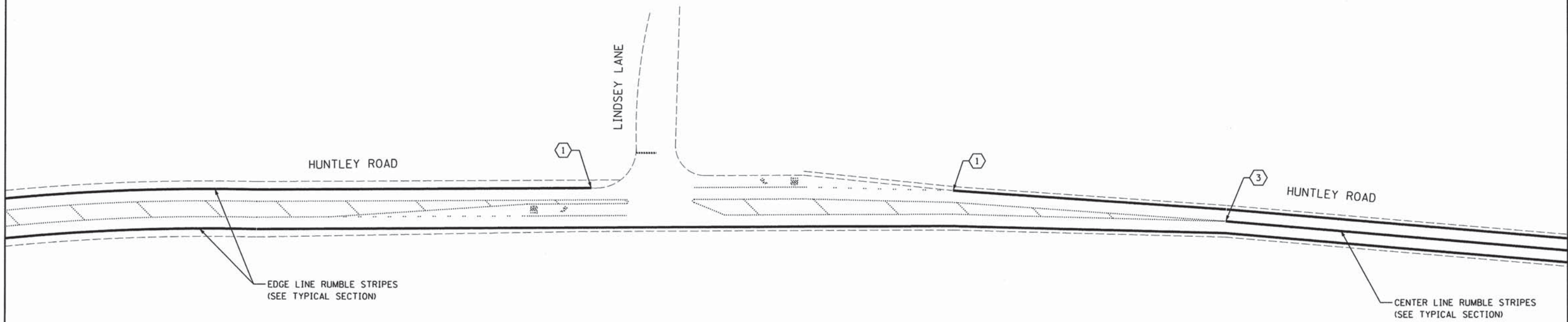
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL
HUNTLEY ROAD AND DEERPATH ROAD

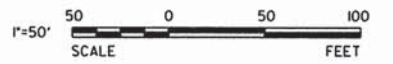
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F.A.J. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2301/1283	11-00418-00-SP	KANE	29	18
CONTRACT NO 63861				
ILLINOIS FEDERAL AID PROJECT				



NOTES:

- ① EDGE RUMBLE STRIPES SHALL STOP 10' FROM A SIDE ROAD/ ENTRANCE MEASURED FROM THE POINT OF TANGENT ON THE MAINLINE. IF A RIGHT TURN LANE IS PROVIDED, EDGE RUMBLE STRIPES SHALL STOP AT THE START OF THE TAPER. EDGE RUMBLE STRIPES SHALL START 10' FROM A SIDE ROAD/ ENTRANCE, MEASURED FROM THE POINT OF TANGENT ON THE MAINLINE.
- ② OMIT SHOULDER RUMBLE STRIPS ACROSS STRUCTURES AND AT MAILBOX TURNOUTS.
- ③ CENTERLINE RUMBLE SHALL STOP/ START AT THE START OF LEFT TURN/ MEDIAN TAPER.
- ④ INTERSECTION DETAIL IS SHOWN FOR INFORMATIONAL PURPOSES ONLY, RUMBLES SHALL BE INSTALLED AS PER FIELD CONDITIONS.



PRINTED DATE: 5/12/2014
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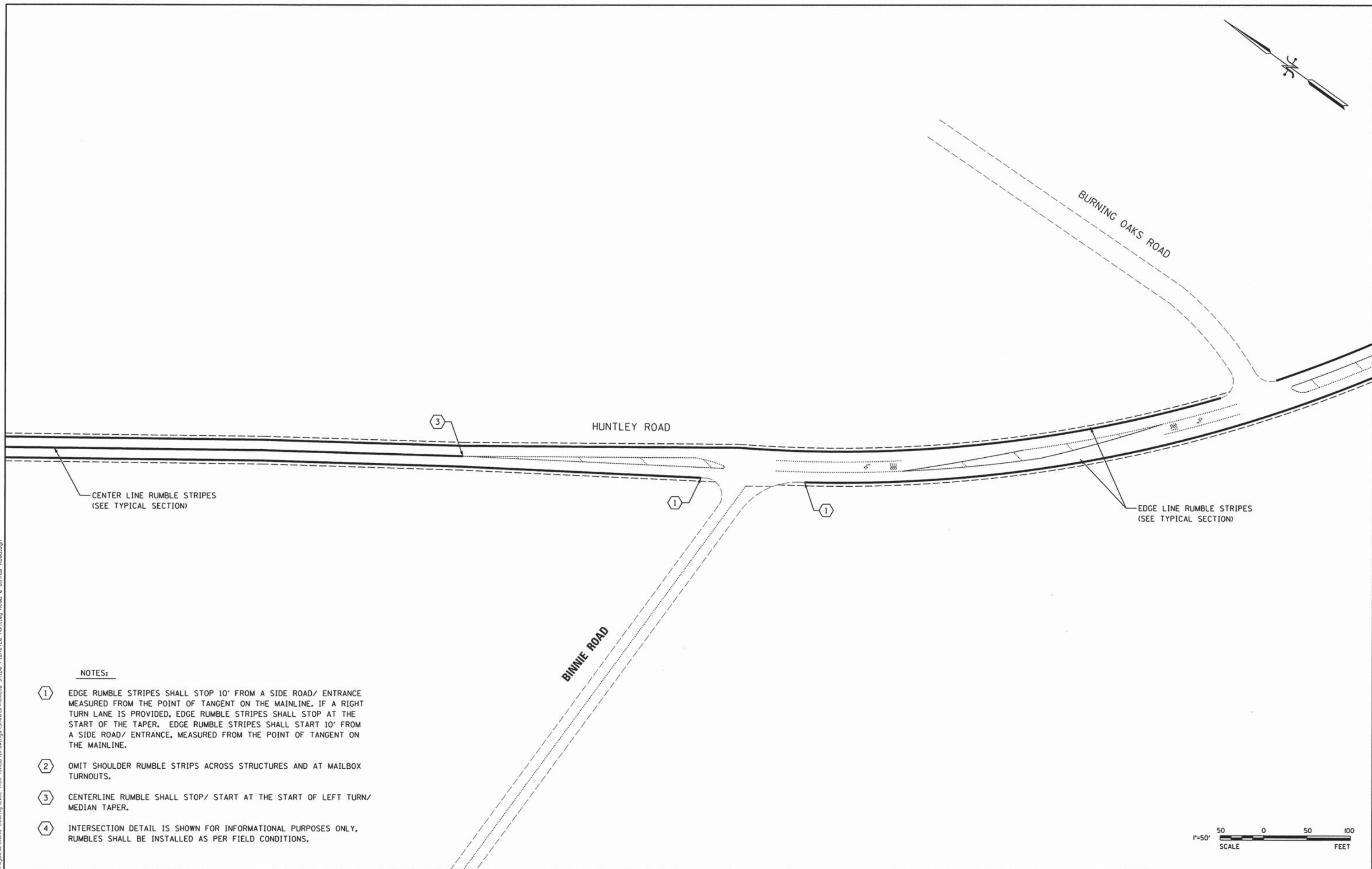
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAIL
HUNTLEY ROAD AND LINDSEY LANE**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2301/1283	11-00418-00-SP	KANE	29	19
CONTRACT NO 63861				
ILLINOIS FEDERAL AID PROJECT				



NOTES:

- ① EDGE RUMBLE STRIPES SHALL STOP 10' FROM A SIDE ROAD/ ENTRANCE MEASURED FROM THE POINT OF TANGENT ON THE MAINLINE. IF A RIGHT TURN LANE IS PROVIDED, EDGE RUMBLE STRIPES SHALL STOP AT THE START OF THE TAPER. EDGE RUMBLE STRIPES SHALL START 10' FROM A SIDE ROAD/ ENTRANCE, MEASURED FROM THE POINT OF TANGENT ON THE MAINLINE.
- ② OMIT SHOULDER RUMBLE STRIPS ACROSS STRUCTURES AND AT MAILBOX TURNOUTS.
- ③ CENTERLINE RUMBLE SHALL STOP/ START AT THE START OF LEFT TURN/ MEDIAN TAPER.
- ④ INTERSECTION DETAIL IS SHOWN FOR INFORMATIONAL PURPOSES ONLY, RUMBLES SHALL BE INSTALLED AS PER FIELD CONDITIONS.



PRINTED DATE: 5/12/2014
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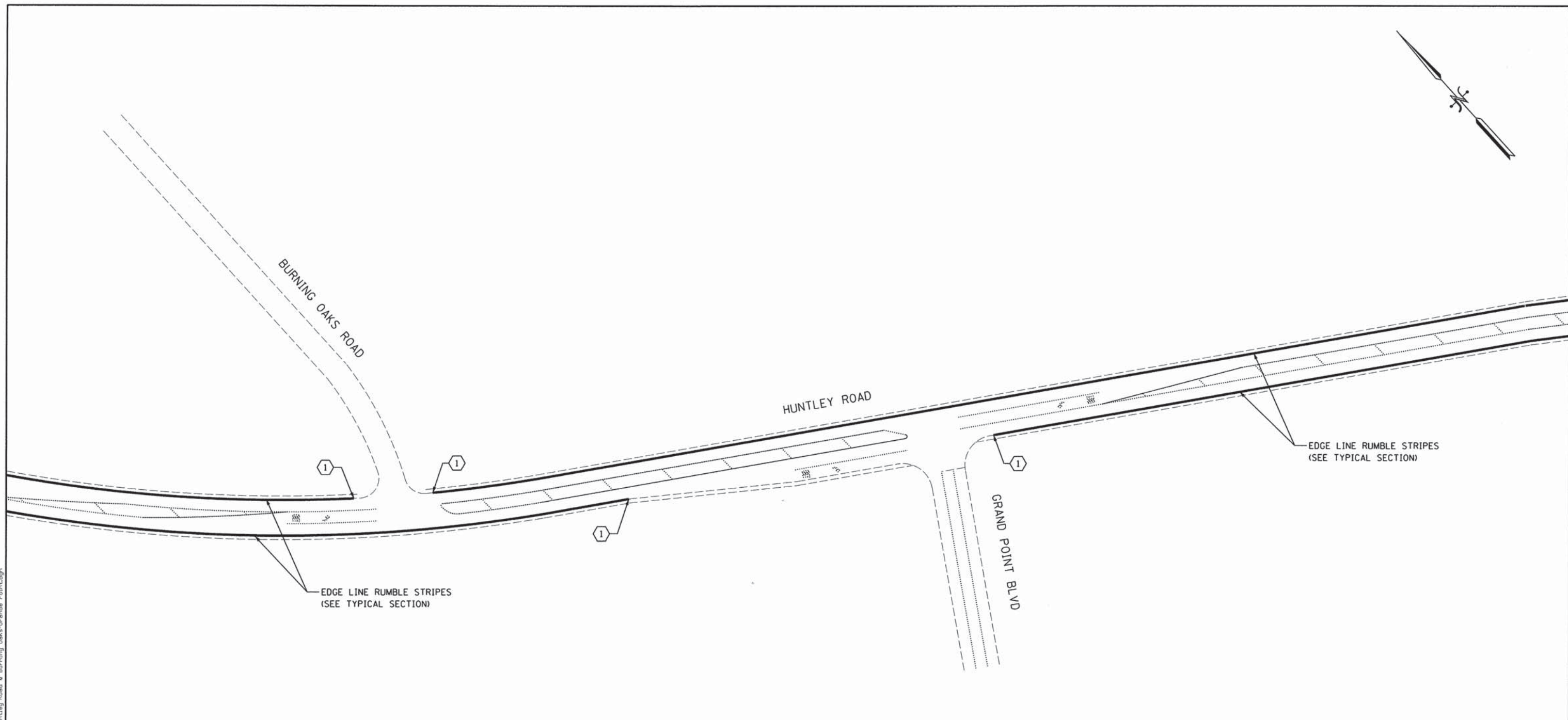
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAIL
 HUNTLEY ROAD AND BINNIE ROAD**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2301/1283	11-00418-00-SP	KANE	29	20
CONTRACT NO 63861				
ILLINOIS FEDERAL AID PROJECT				



NOTES:

- ① EDGE RUMBLE STRIPES SHALL STOP 10' FROM A SIDE ROAD/ ENTRANCE MEASURED FROM THE POINT OF TANGENT ON THE MAINLINE. IF A RIGHT TURN LANE IS PROVIDED, EDGE RUMBLE STRIPES SHALL STOP AT THE START OF THE TAPER. EDGE RUMBLE STRIPES SHALL START 10' FROM A SIDE ROAD/ ENTRANCE, MEASURED FROM THE POINT OF TANGENT ON THE MAINLINE.
- ② OMIT SHOULDER RUMBLE STRIPS ACROSS STRUCTURES AND AT MAILBOX TURNOUTS.
- ③ CENTERLINE RUMBLE SHALL STOP/ START AT THE START OF LEFT TURN/ MEDIAN TAPER.
- ④ INTERSECTION DETAIL IS SHOWN FOR INFORMATIONAL PURPOSES ONLY, RUMBLES SHALL BE INSTALLED AS PER FIELD CONDITIONS.



PRINTED DATE: 5/12/2014
 FILE NAME: K:\Projects\Kane County\2012 HSIP\CADD\Drawings\Sheets\Rumble Strip Plans\21 Huntley Road @ Burning Oaks-Grande Point.dgn



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PLOT DATE = 5/12/2014	CHECKED - MR	REVISED -
	DATE - 5/12/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS
HUNTLEY ROAD- BURNING OAKS ROAD
AND GRAND POINT BLVD

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

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2301/1283	11-00418-00-SP	KANE	29	21
CONTRACT NO 63861				

ILLINOIS FEDERAL AID PROJECT



W1-2
(48 x 48)
1 EACH



W1-2
(48 x 48)
1 EACH



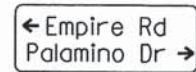
W2-1
(48 x 48)
6 EACH



W2-2
(48 x 48)
8 EACH

Xxxxxx Xx
W16-8P

- (VARIES x 8)
Plato Rd - 2
Ellithorpe Rd - 2
Silver Glen Rd - 2
Corron Rd - 1
Old LaFox Rd - 2
Bolcum Rd - 2
Galligan Rd - 2
Square Barn Rd - 2
Randall Rd - 1



W16-8aP
(36 x 15)
1 EACH



W16-8aP
(36 x 15)
1 EACH



W1-8
(24 x 30)
(POINTING RIGHT)
8 EACH



W1-8
(24 x 30)
(POINTING LEFT)
8 EACH



W1-2a
(48 x 48)
1 EACH



W1-2a
(48 x 48)
1 EACH



W3-3
(48 x 48)
4 EACH



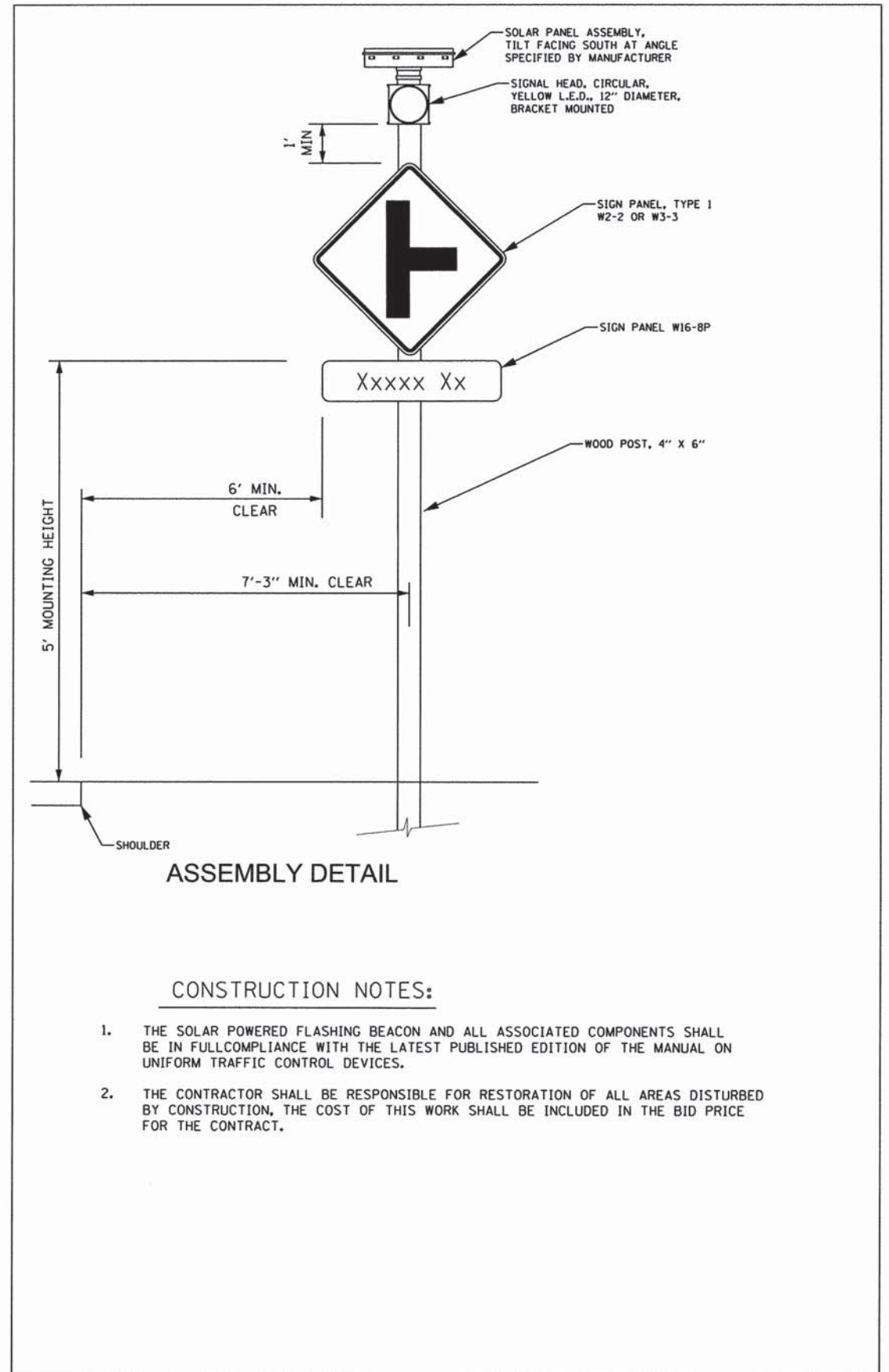
SOLAR POWERED
FLASHING BEACON
3 EACH



R2-1
(30 x 36)
30 (MPH) - 2
45 (MPH) - 2
50 (MPH) - 3
55 (MPH) - 5

NOTES:

- ALL SIGN PANEL SIZES ARE IN INCHES
- RADAR SPEED SIGNS SHALL BE INSTALLED PER THE DETAIL ON SHEET 25
- SIGNS WITH POST MOUNTED FLASHING BEACONS SHALL BE INSTALLED ON WOOD POSTS PER THE DETAIL.
- ALL OTHER SIGNS SHALL BE INSTALLED PER IDOT STANDARDS.



CONSTRUCTION NOTES:

- THE SOLAR POWERED FLASHING BEACON AND ALL ASSOCIATED COMPONENTS SHALL BE IN FULL COMPLIANCE WITH THE LATEST PUBLISHED EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATION OF ALL AREAS DISTURBED BY CONSTRUCTION, THE COST OF THIS WORK SHALL BE INCLUDED IN THE BID PRICE FOR THE CONTRACT.

SOLAR POWERED FLASHING BEACON DETAIL

PRINTED DATE: 5/28/2014
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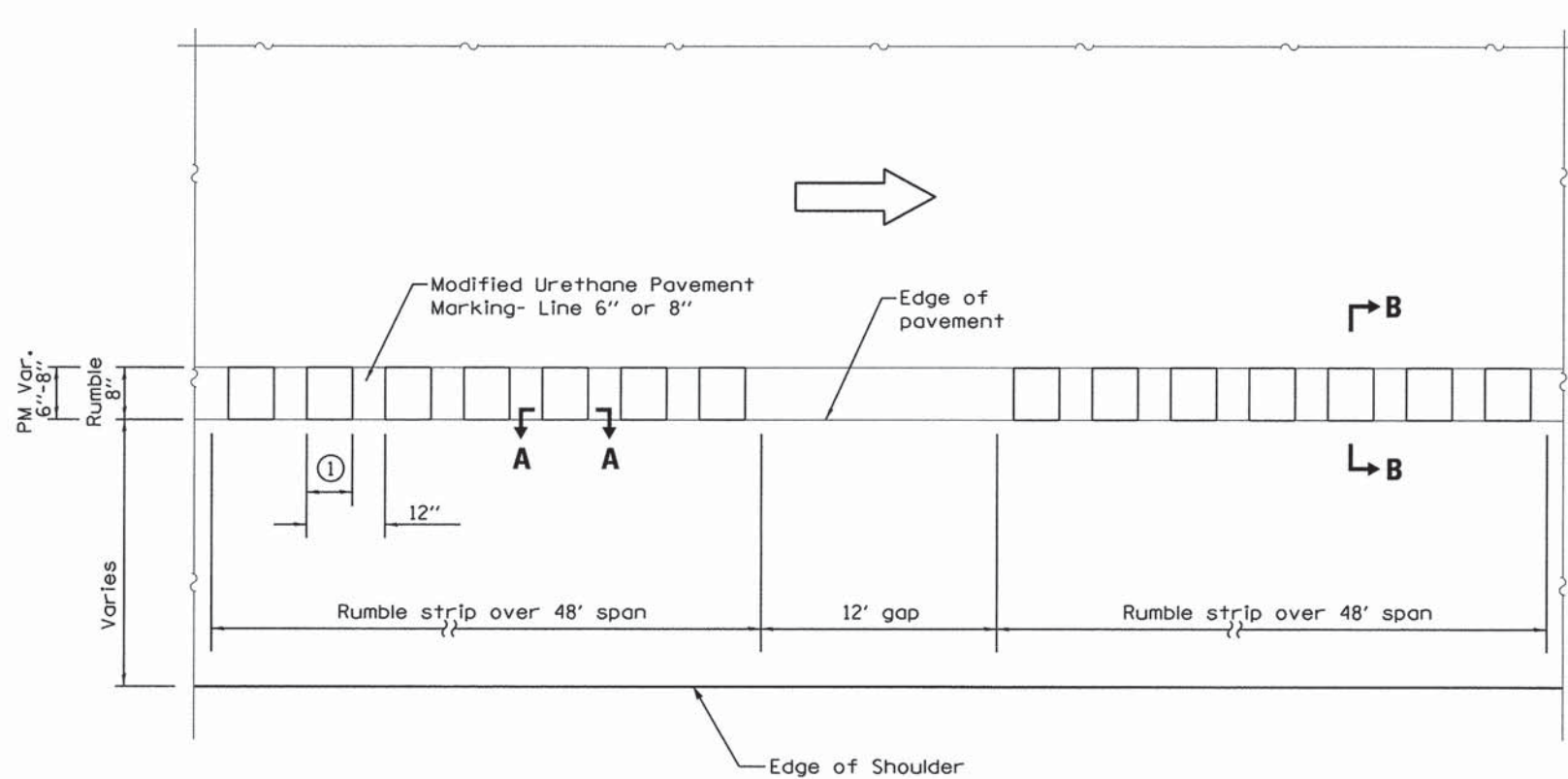
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PLOT DATE = 5/28/2014	CHECKED - MR	REVISED -
	DATE - 5/28/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNAGE DETAILS

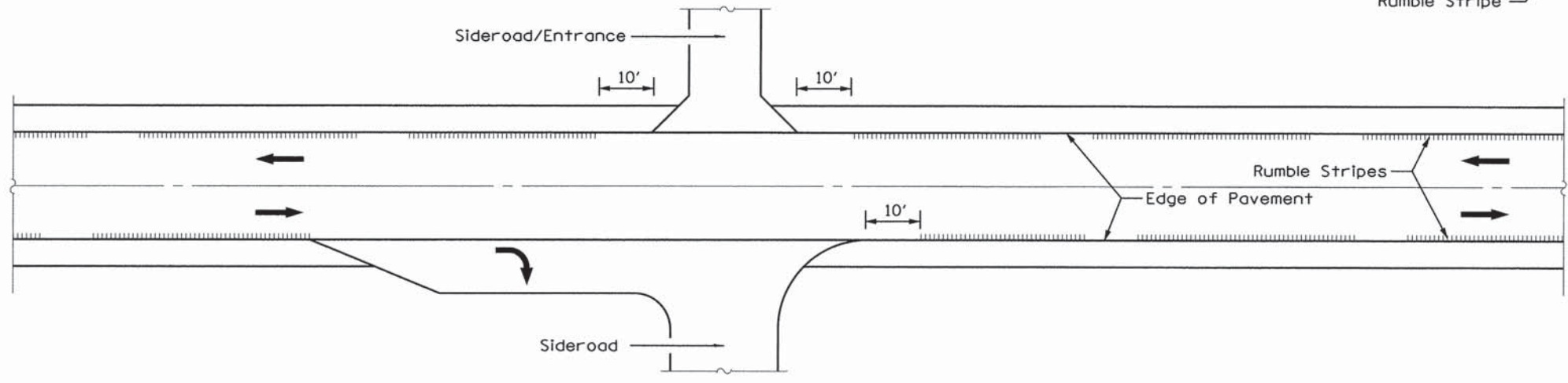
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F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2301/1283	11-00418-00-SP	KANE	29	22
CONTRACT NO 63861				
ILLINOIS/FEDERAL AID PROJECT				

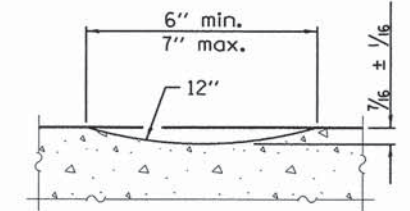


PLAN

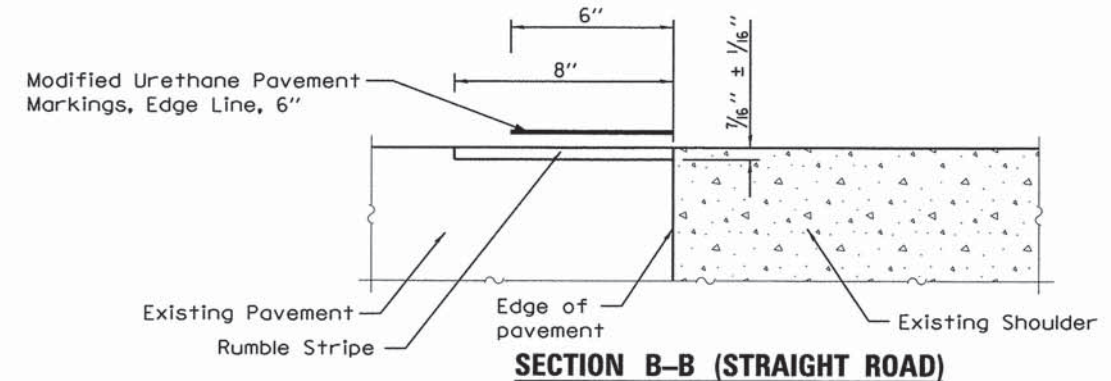
① See Section A-A.



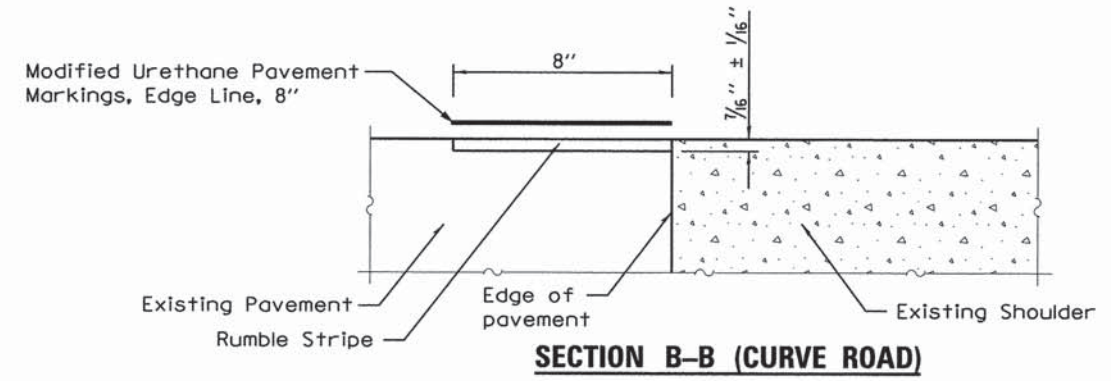
TYPICAL APPLICATION AT AN INTERSECTION OR ENTRANCE



SECTION A-A



SECTION B-B (STRAIGHT ROAD)



SECTION B-B (CURVE ROAD)

GENERAL NOTES

1. Omit shoulder rumble strips across structures and at mailbox turnouts.
2. Edge rumble stripes to be paid for as Shoulder Rumble Strip, 8" and Modified Urethane Pavement Marking- Line 6" (Along straight sections) and 8" (Along curve sections).
3. Edge rumble stripes shall stop 10' from a side road/entrance measured from the point of tangent on the mainline. If a right turn lane is provided. Edge rumble stripes shall stop at start of the taper.
4. Edge rumble stripes shall start 10' from a side road/entrance, measured from the point of tangent on the mainline.
5. Rumbles shall be milled into existing pavement.
6. Straight road sections will use a pavement marking width of 6". Curve road sections will use a pavement marking width of 8".

PRINTED DATE: 5/28/2014
FILE NAME: K:\Projects\Kane County\2012 HSP\CAD\Drawings\Sheets\Rumble Strip Plans\23 Edge Rumble Stripe Detail.dgn



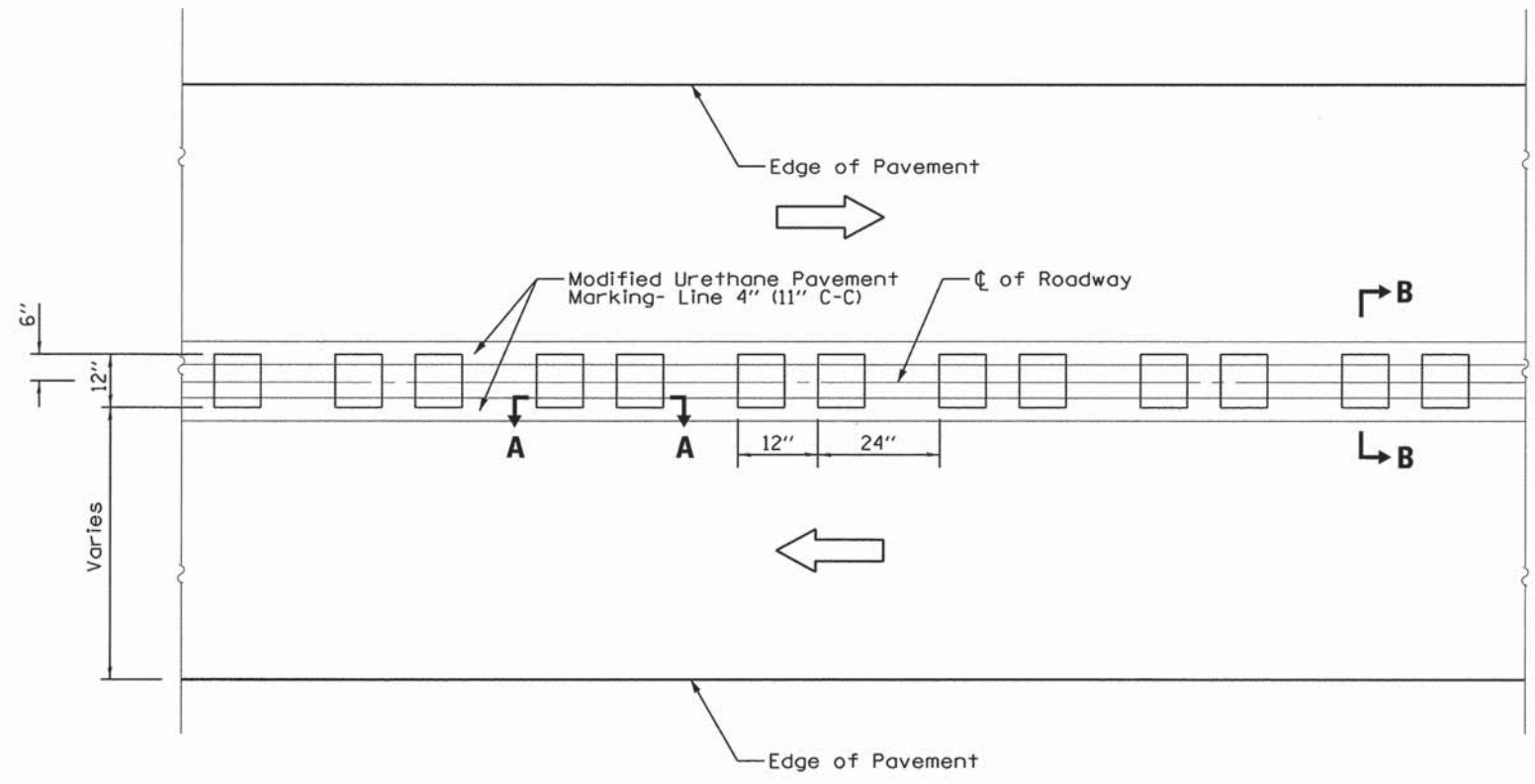
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PLOT DATE = 5/28/2014	CHECKED - MR	REVISED -
	DATE - 5/28/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EDGE RUMBLE STRIPES

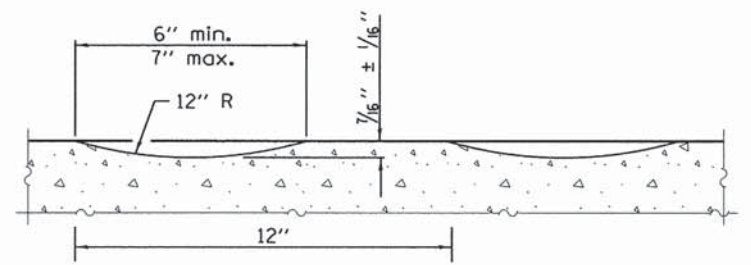
SCALE:	SHEET NO	OF	SHEETS	STA	TO STA
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F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2301/1283	11-00418-00-SP	KANE	29	23
CONTRACT NO 63861				
ILLINOIS FEDERAL AID PROJECT				

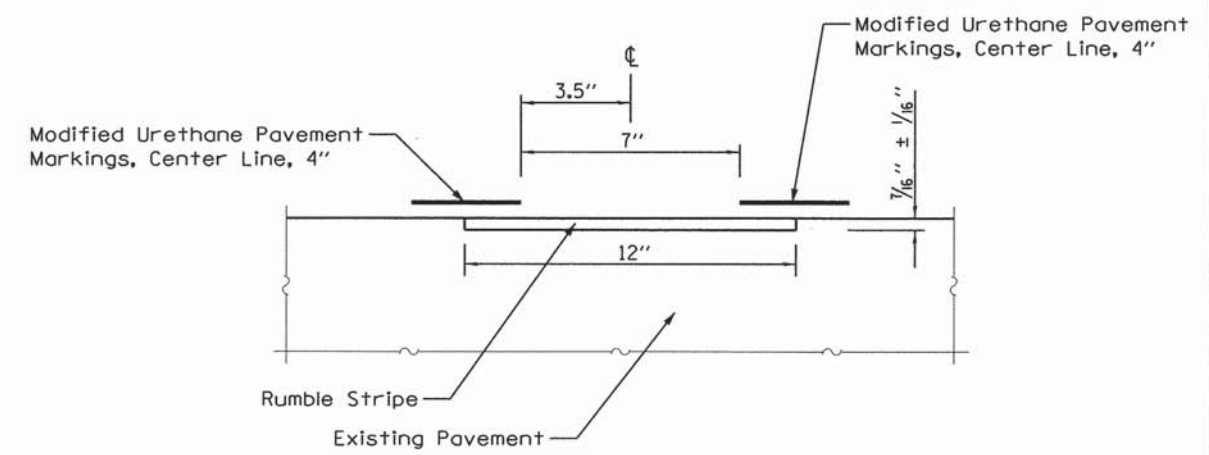


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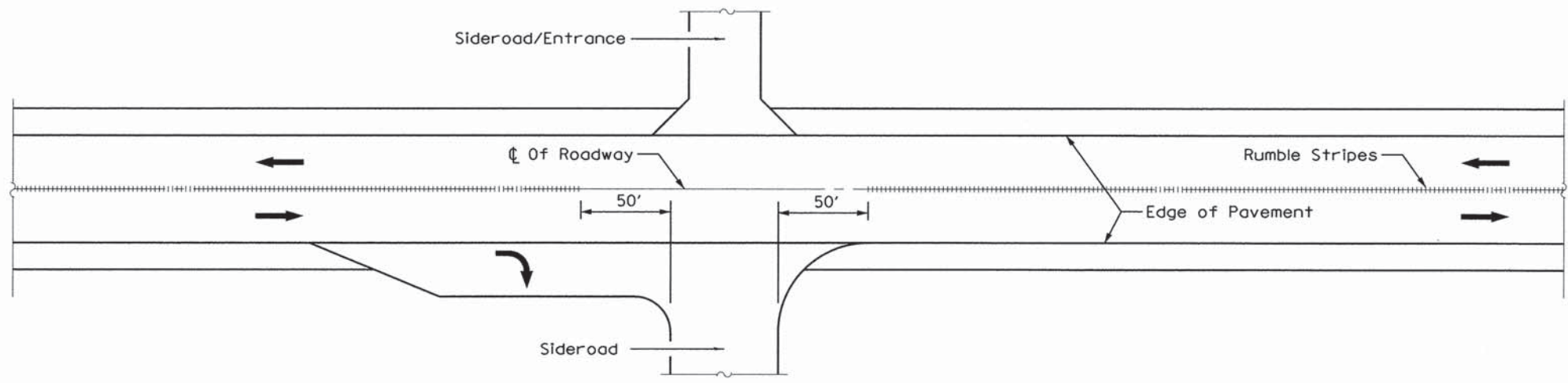
① See Section A-A.



SECTION A-A



SECTION B-B



TYPICAL APPLICATION AT AN INTERSECTION OR ENTRANCE

* For intersections/entrances with left turn channelization. See individual intersection detail on sheets 14-21

GENERAL NOTES

1. Omit Centerline rumble stripes across structures and at mailbox turnouts.
2. Centerline Rumble Stripe shall not be placed within 50' of all sideroads/entrances, measured from the edge of pavement of the sideroad/entrance.
3. Centerline Rumble Stripe to be paid for as Centerline Rumble Strip and Modified Urethane Pavement Marking- Line 4"
4. When in conflict with raised reflective pavement markers (RPMs), Centerline rumble stripes shall be gapped 2-3' to avoid the RPMs.
5. Rumbles shall be milled into existing pavement.

PRINTED DATE: 5/12/2014 FILE NAME: K:\Projects\Kane County\2012 HSJPA\CD\Drawings\Sheets\Rumble Stripe Plans\24 Center Rumble Stripe Detail.dgn



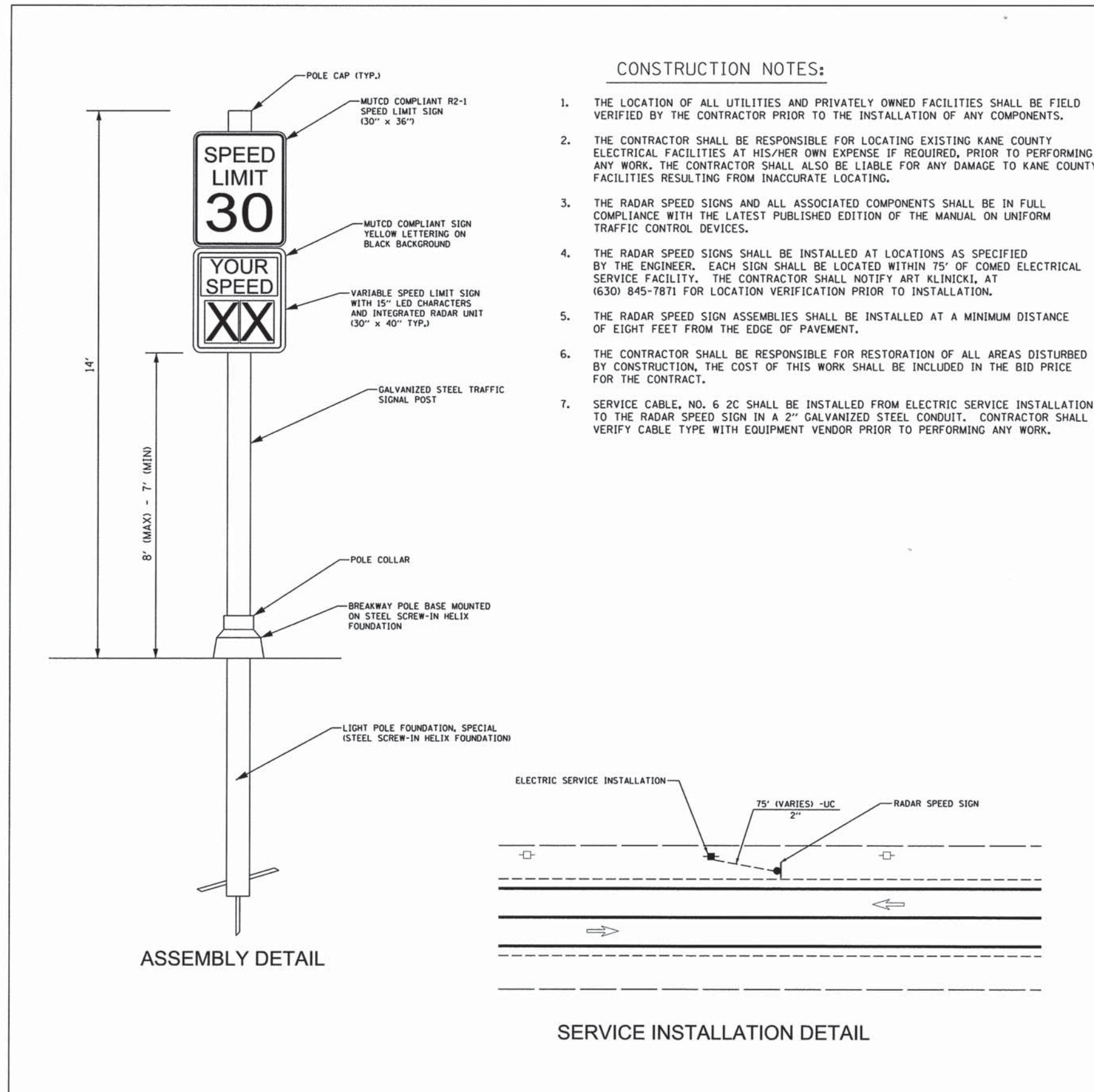
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PLOT DATE = 5/12/2014	CHECKED - MR	REVISED -
	DATE - 5/12/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CENTER RUMBLE STRIPES

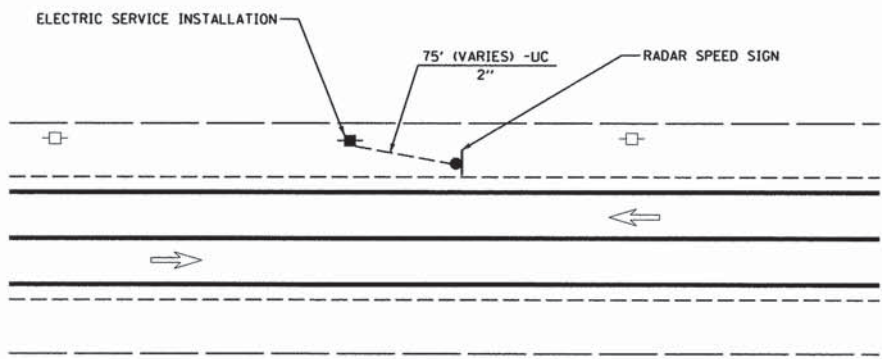
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F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2301/1283	11-00418-00-SP	KANE	29	24
CONTRACT NO 63861				
ILLINOIS FEDERAL AID PROJECT				



CONSTRUCTION NOTES:

1. THE LOCATION OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF ANY COMPONENTS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING KANE COUNTY ELECTRICAL FACILITIES AT HIS/HER OWN EXPENSE IF REQUIRED, PRIOR TO PERFORMING ANY WORK. THE CONTRACTOR SHALL ALSO BE LIABLE FOR ANY DAMAGE TO KANE COUNTY FACILITIES RESULTING FROM INACCURATE LOCATING.
3. THE RADAR SPEED SIGNS AND ALL ASSOCIATED COMPONENTS SHALL BE IN FULL COMPLIANCE WITH THE LATEST PUBLISHED EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
4. THE RADAR SPEED SIGNS SHALL BE INSTALLED AT LOCATIONS AS SPECIFIED BY THE ENGINEER. EACH SIGN SHALL BE LOCATED WITHIN 75' OF COMED ELECTRICAL SERVICE FACILITY. THE CONTRACTOR SHALL NOTIFY ART KLINICKI, AT (630) 845-7871 FOR LOCATION VERIFICATION PRIOR TO INSTALLATION.
5. THE RADAR SPEED SIGN ASSEMBLIES SHALL BE INSTALLED AT A MINIMUM DISTANCE OF EIGHT FEET FROM THE EDGE OF PAVEMENT.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATION OF ALL AREAS DISTURBED BY CONSTRUCTION, THE COST OF THIS WORK SHALL BE INCLUDED IN THE BID PRICE FOR THE CONTRACT.
7. SERVICE CABLE, NO. 6 2C SHALL BE INSTALLED FROM ELECTRIC SERVICE INSTALLATION TO THE RADAR SPEED SIGN IN A 2" GALVANIZED STEEL CONDUIT. CONTRACTOR SHALL VERIFY CABLE TYPE WITH EQUIPMENT VENDOR PRIOR TO PERFORMING ANY WORK.



RADAR SPEED SIGN DETAIL

PRINTED DATE: 5/13/2014
 FILE NAME: K:\Projects\Kane County\2012 HSJPCAD00\Drawings\Sheets\Rumble Stop Plans\25 Radar Speed Sign Detail.dgn



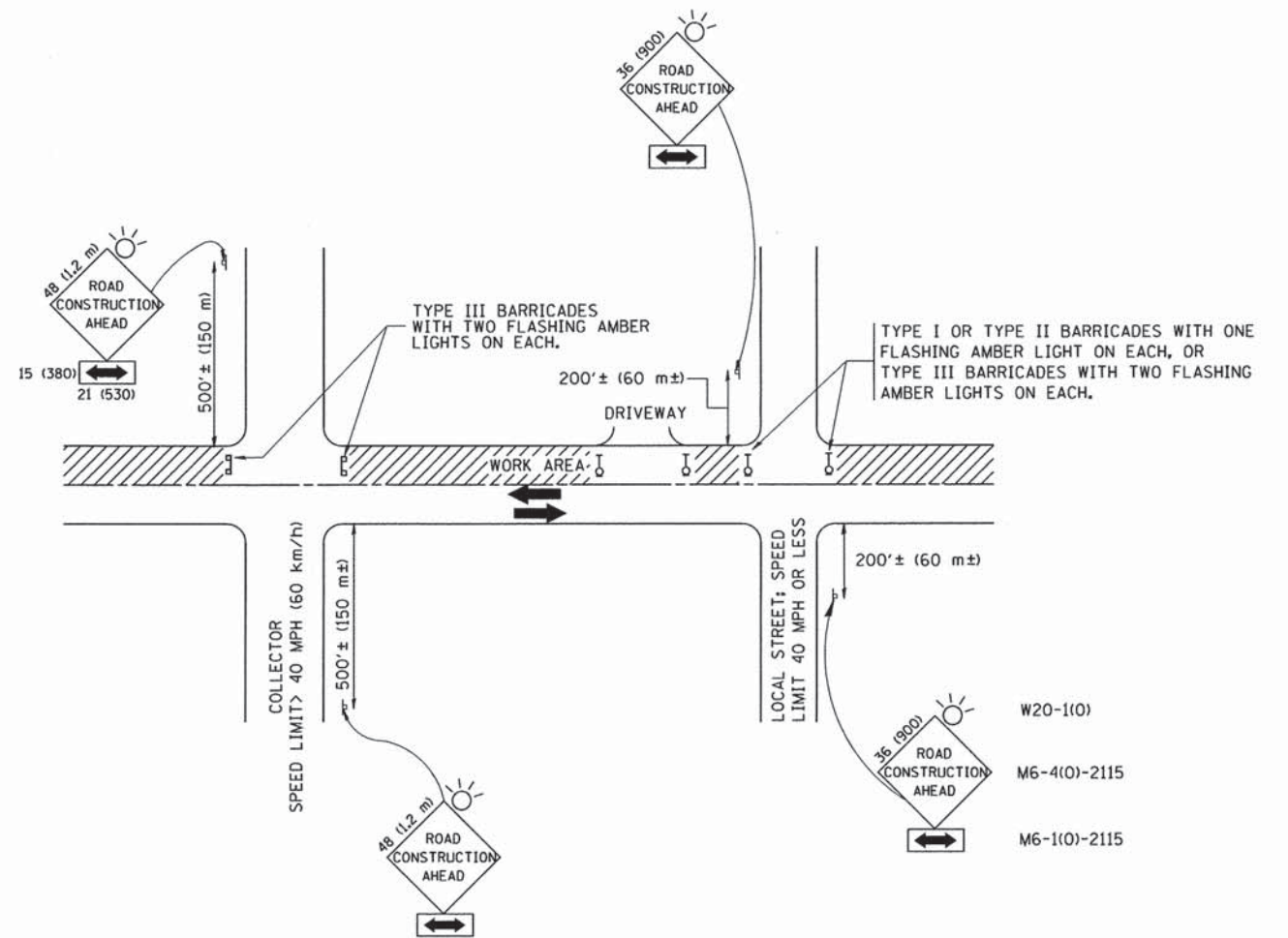
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	DATE - 5/13/2014	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RADAR SPEED SIGN DETAIL

SCALE: SHEET NO OF SHEETS STA TO STA

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
2301/1283	11-00418-00-SP	KANE	29	25
CONTRACT NO 63861				
ILLINOIS FEDERAL AID PROJECT				



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

NOTES:

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

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

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

a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

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

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

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

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

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

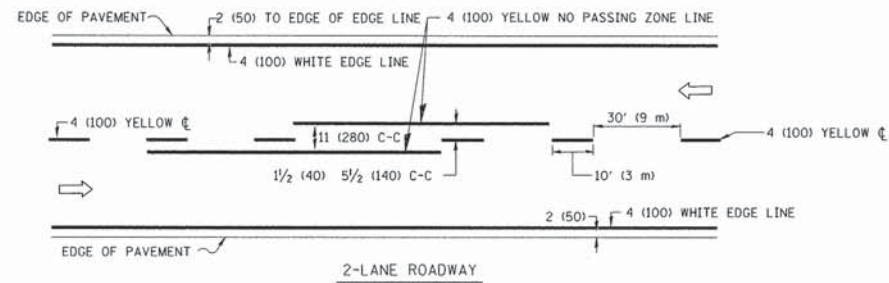
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

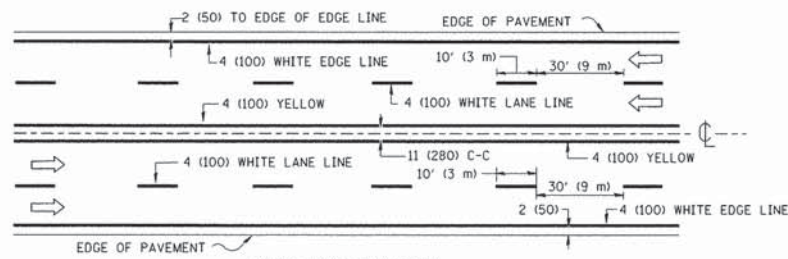
TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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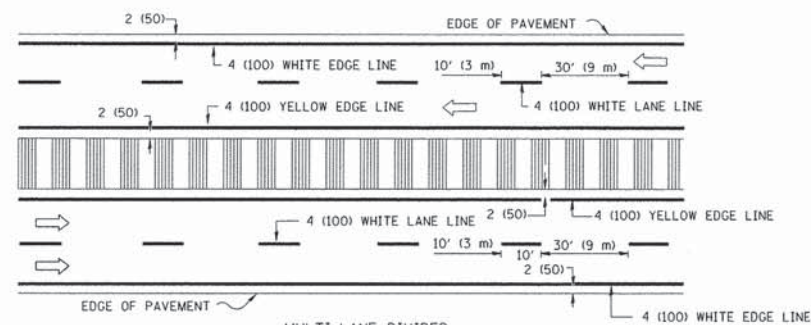
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TC-10			CONTRACT NO. 63861	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY



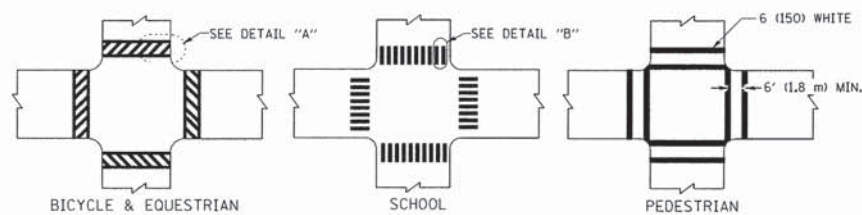
MULTI-LANE UNDIVIDED



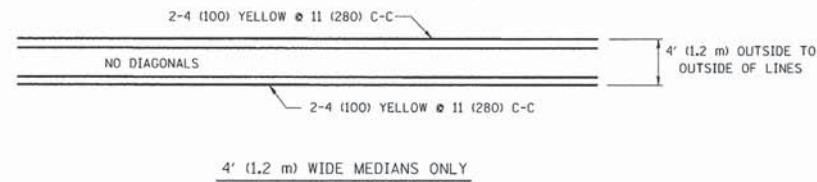
MULTI-LANE DIVIDED WITH MOUNTABLE MEDIAN

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

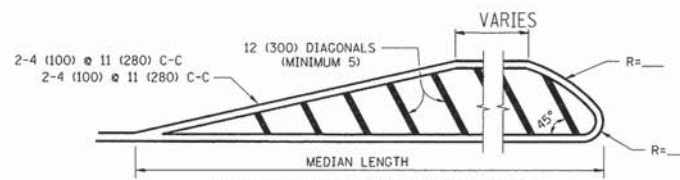
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



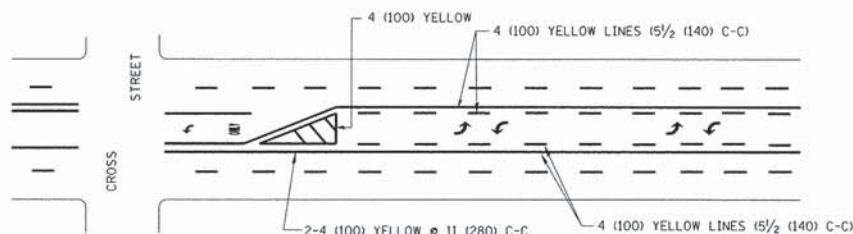
4' (1.2 m) WIDE MEDIANS ONLY



FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

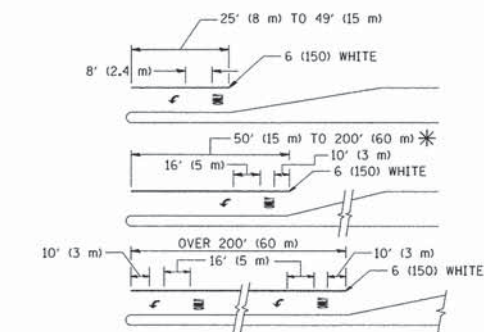
MEDIANS OVER 4' (1.2 m) WIDE



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.

MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

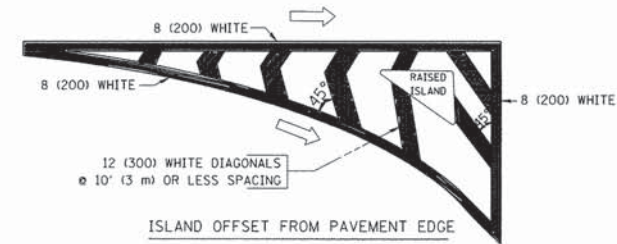


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

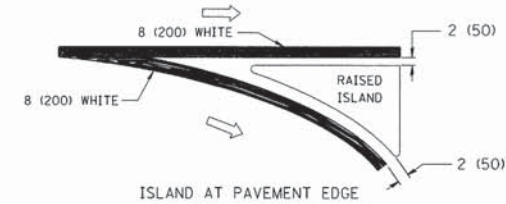
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

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 1/2' (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 1/2' (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 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) 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))

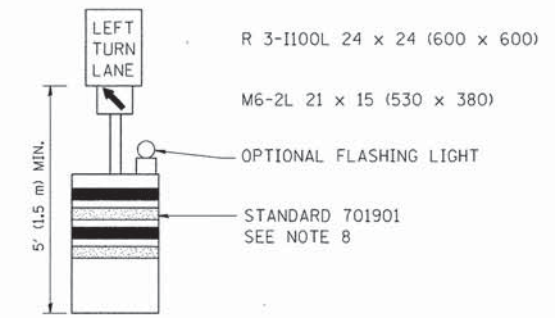
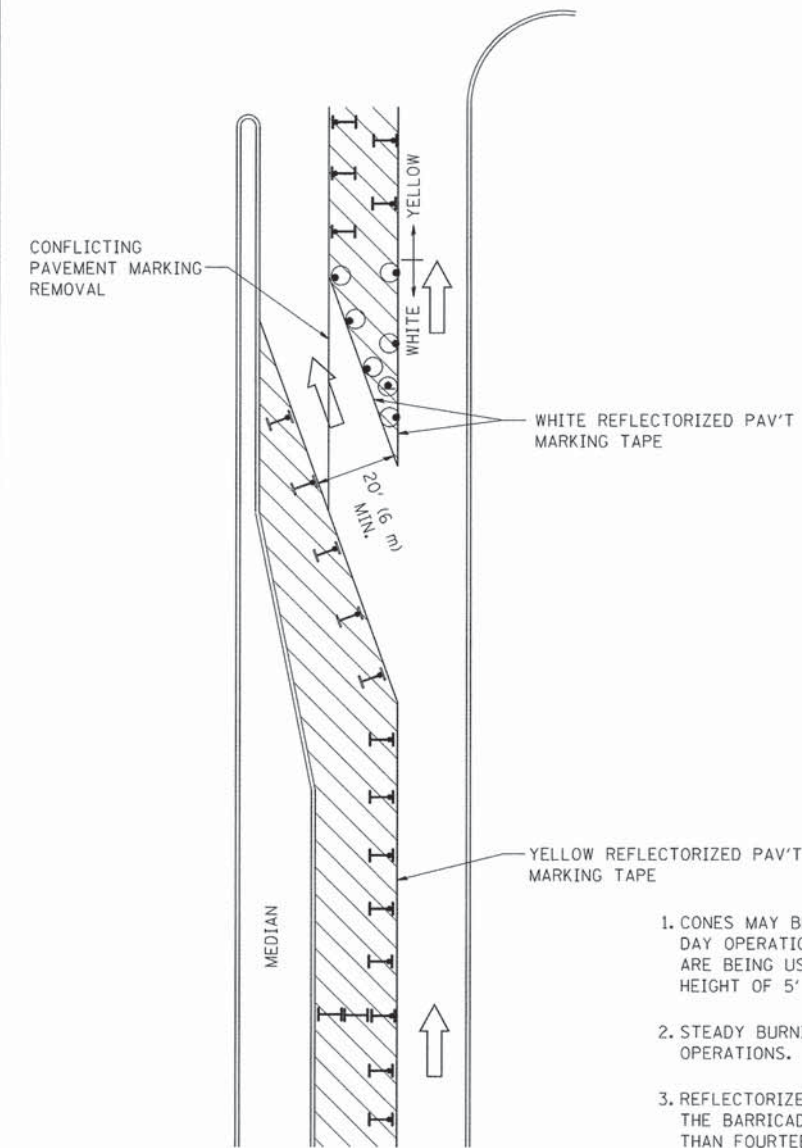
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

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	PLOT DATE = 9/9/2009	DATE - 03-19-90	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS		2307/1283	11-00418-00-SP	KANE	29	27
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 63861		
FED. ROAD DIST. NO. 1 (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 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 REQUIREMENTS.
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 =	USER NAME = drivakosgn	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
es:\pw\work\PWIDOT\DRIVAKOSGN\d0108315\14.dgn		REVISED - A. HOUSEH 11-07-95	REVISED -
		REVISED - A. HOUSEH 10-12-96	REVISED -
		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)**

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

F.A. RTE. 2301/1283	SECTION 11-00418-00-SP	COUNTY KANE	TOTAL SHEETS 29	SHEET NO. 28
TC-14		CONTRACT NO. 63861		
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

