

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY  
FAU ROUTE 2326 ( BONCOSKY ROAD )**

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2326	14-00008-00-RS	KANE	14	1
STA: NA		TO STA: NA		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID. PROJECT	

CONTRACT NO. 61B70



FOR INDEX SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

PROJECT LOCATED IN THE VILLAGE OF SLEEPY HOLLOW

DESIGN DESIGNATION: MAJOR COLLECTOR

TRAFFIC DATA: ADT = 4350

POSTED & DESIGN SPEED: 45 M.P.H.

COVERED BRIDGE RD TO RIVER RIDGE RD  
RESURFACING

SECTION: NO. 14-00008-00-RS

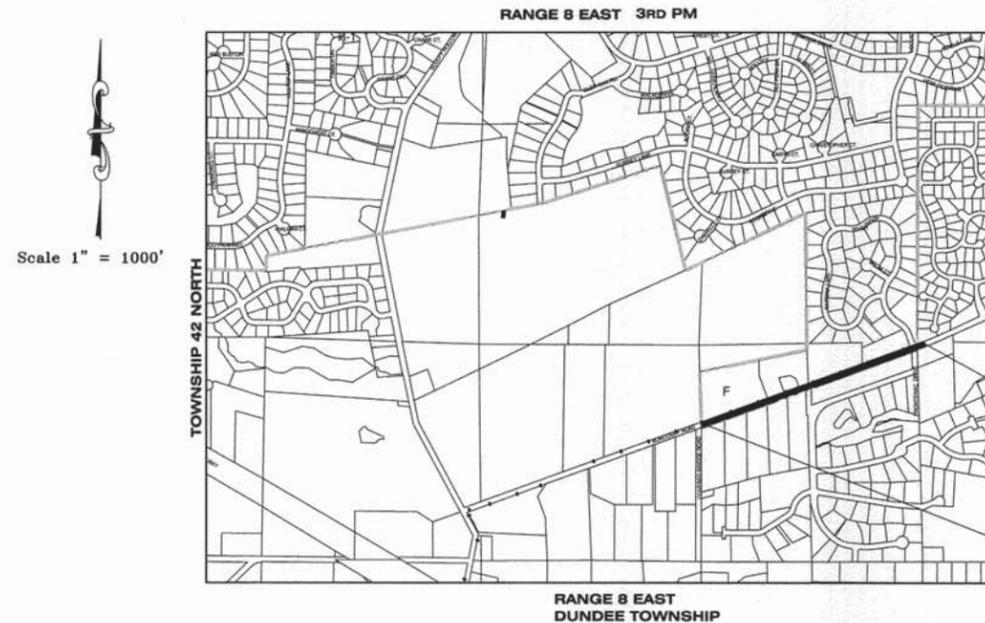
PROJECT NO.: M-4003 (378)

JOB NO: C-91-422-14

VILLAGE OF SLEEPY HOLLOW  
KANE COUNTY

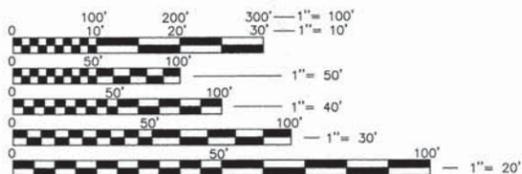
FEDERAL AID PROGRAM ENGINEER: FAWAD AQUEEL, P.E. 847-705-4021, SCHAUMBURG, IL

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PROJECT END  
STA: 28+41

PROJECT BEGIN  
STA: 0+00



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.

GROSS LENGTH OF IMPROVEMENT - 2841 FEET(0.549 MILES)  
NET LENGTH OF IMPROVEMENT - 2841 FEET(0.549 MILES)

GERALD L. HEINZ & ASSOCIATES, INC.

206 NORTH RIVER STREET  
SLEEPY HOLLOW, ILLINOIS  
PHONE: (847) 426-4535  
STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
LICENSE NO. 184-002048 (EXPIRE 4-30-2015)



JEFFREY C. STEELE, P.E.  
ILLINOIS REGISTERED PROFESSIONAL ENGINEER  
NO. 60934 (LICENSE EXPIRES 11-30-15)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

APPROVED April 20<sup>th</sup> 2015  
*Alan Sumbulaga*  
VILLAGE OF SLEEPY HOLLOW DIRECTOR OF PUBLIC WORKS

PASSED April 29<sup>th</sup> 2015  
*C. Holt*  
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID  
BASED ON LIMITED  
REVIEW Apr. 1 23<sup>rd</sup> 2015  
*John Fortman Jr.*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

**J.U.L.I.E.**  
FOR UNDERGROUND UTILITY LOCATION  
CALL J.U.L.I.E., TOLL FREE  
PHONE NO.: 811

**GENERAL NOTES**

**A. GENERAL NOTES**

1. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THESE ENGINEERING PLANS AS PREPARED BY GERALD L. HEINZ & ASSOCIATES, INC. FOR THE VILLAGE. PROPER CONSTRUCTION TECHNIQUES AND SAFETY PROCEDURES REQUIRED BY OSHA MUST BE FOLLOWED DURING INSTALLATION OF IMPROVEMENTS INDICATED ON THE ENGINEERING PLANS.
2. THE CONTRACTOR, AT HIS EXPENSE, WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE ANY ROAD OR STREET SIGNS WHICH INTERFERE WITH HIS CONSTRUCTION OPERATIONS AND TO TEMPORARILY RESET SUCH SIGNS DURING CONSTRUCTION OPERATIONS.
3. ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:
  - A. SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES IT.
  - B. TRAFFIC CONTROL SIGNS REMOVED MUST BE RE-ERECTED AT TEMPORARY LOCATIONS IN A WORKMANLIKE MANNER AND VISIBLE TO TRAFFIC ON THE STREET OR HIGHWAY. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND NEAT APPEARING FOR THE DURATION OF THE TEMPORARY SETTING.
4. THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION FOR THE TRAFFIC AS DIRECTED BY THE ENGINEER AND AS CALLED FOR IN THE TYPICAL APPLICATIONS OF THE TRAFFIC CONTROL DEVICES FOR ALL WORK ALONG EXISTING PAVEMENTS.
5. WHEN, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THAT NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES, EFFECTED BY THE WORK UNDER THIS CONTRACT SHALL BE CLEANED AND LEFT FREE FROM DIRT AND OTHER DEBRIS. THIS WORK COVERED IN THIS PROVISION SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
6. VERTICAL DATUM IS: ASSUMED 100'
7. ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE APPLICABLE REQUIREMENTS SET FORTH IN "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2012 (HEREAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS); THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES OF MATERIALS" IN EFFECT ON THE DATE OF INVITATION FOR BIDS, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2015, THE DETAILS AND STANDARDS CONTAINED IN THESE PLANS AND THE VILLAGE OF SLEEPY HOLLOW STANDARDS.
9. ANY REFERENCE TO STANDARDS WITHIN THESE PLANS OR THE SPECIAL PROVISIONS SHALL BE INTERPRETED TO MEAN THE LATEST STANDARD OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION AS SHOWN ON THE COVER SHEET.
10. THE VILLAGE OF SLEEPY HOLLOW SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
11. LOCATIONS OF UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING JOINT UTILITY LOCATING INFORMATION FOR EXCAVATION (J.U.L.I.E.) AT 811 AND THE VILLAGE OF SLEEPY HOLLOW (ART SUNDERLAGE, 847-428-5636) AT LEAST FORTY-EIGHT (48) HOURS BEFORE COMMENCING CONSTRUCTION TO VERIFY IN THE FIELD THE LOCATION OF ALL UNDERGROUND INSTALLATIONS AND TO ARRANGE FOR THE ADJUSTMENT OR MOVING OF UTILITIES WHICH WILL CONFLICT WITH THE CONSTRUCTION OF THE PROPOSED IMPROVEMENT.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNER OF ALL EXISTING UTILITIES TO ARRANGE FOR THE ADJUSTMENT OR MOVING OF UTILITIES WHICH WILL CONFLICT WITH THE CONSTRUCTION OF THE PROPOSED IMPROVEMENT. IF NECESSARY, PRIOR TO COMMENCING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.
13. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT AND PRESERVE ALL PROPERTY PINS WHICH ARE LOCATED AND MARKED BY THE VILLAGE ENGINEER PRIOR TO CONSTRUCTION. SHOULD IT BE NECESSARY THAT ANY OF THESE MARKED PROPERTY PINS BE REMOVED DUE TO THE CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER BEFORE PROCEEDING. THE ENGINEER SHALL TIE-IN THE PROPERTY CORNER BY OFFSET MEASUREMENTS AND SHALL BE RESPONSIBLE FOR RESETTING SAME. IF THE CONTRACTOR FAILS TO NOTIFY THE ENGINEER, THE CONTRACTOR, AT HIS EXPENSE, SHALL BE RESPONSIBLE FOR RESETTING THE PROPERTY PIN. THIS WORK SHALL BE PERFORMED BY AN ILLINOIS SURVEYOR APPROVED BY THE ENGINEER.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES WHETHER OR NOT THEY ARE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AND THE UTILITY OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXPENSES INCURRED IN THE REPAIR OF DAMAGED UTILITY APPURTENANCES.
15. ALL EXISTING STORM SEWERS, CULVERTS, FIELD TILE DRAINS, CATCH BASINS, OR OTHER DRAINAGE STRUCTURES WHICH ARE DISTURBED BY CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO THE SATISFACTION OF THE ENGINEER. NO OPERATIONS EXTRA COMPENSATION FOR THIS WORK SHALL BE ALLOWED.
16. SPECIAL CARE SHALL BE TAKEN IN EXCAVATING AND GRADING NEAR UTILITIES AND TREES TO BE SAVED IN ORDER TO AVOID UNNECESSARY DAMAGE.
17. ANY SALVAGEABLE MATERIAL SHALL BECOME THE PROPERTY OF THE VILLAGE OF SLEEPY HOLLOW AND SHALL BE STOCKPILED WITHIN THE RIGHT-OF-WAY LIMITS BY THE CONTRACTOR AT A LOCATION SPECIFIED BY THE ENGINEER FOR PICK-UP BY THE VILLAGE.

20. REMOVED PAVEMENT, SIDEWALK, ABUTMENTS, ETC., SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY AT THE CONTRACTOR'S EXPENSE AT LOCATIONS PROVIDED OR ARRANGED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THE SAWING OF EXISTING HMA OR CONCRETE AREAS NECESSARY FOR THE REMOVAL OF ITEMS NOTED ON PLANS, SHALL BE AS SPECIFIED IN ARTICLE 440.03 OF THE STANDARD SPECIFICATIONS, OR AS DIRECTED BY THE ENGINEER SHALL BE INCLUDED TO THE COST OF THE ITEM BEING REMOVED AND NO EXTRA COMPENSATION TO THE CONTRACTOR WILL BE ALLOWED.
21. THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
22. THE THICKNESS OF HMA MIXTURES SHOWN ON THE TYPICAL SECTION AND PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACE OR BASES ON WHICH THE HMA MIXTURES ARE TO BE PLACED.

**B. REFERENCED SPECIFICATIONS**

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PROJECT PLANS OR SPECIFICATIONS:
  - STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2012 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT STANDARD SPECIFICATIONS).
  - VILLAGE OF SLEEPY HOLLOW STANDARDS.

**C. NOTIFICATION**

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE FOLLOWING:
- THE DIRECTOR OF PUBLIC WORKS, ART SUNDERLAGE (847) 428-2404 AND THE VILLAGE ENGINEER, JEFFREY STEELE (847) 428-4535, FOR THE VILLAGE OF SLEEPY HOLLOW 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
  - THE ELECTRIC, TELEPHONE, AND GAS UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION. (J.U.L.I.E. 811)

**LEGEND**

	PROPOSED MANHOLE
	EXISTING MANHOLE
	EXISTING VALVE VAULT
	IRON PIPE FOUND
	PROPOSED INLET
	EXISTING INLET
	PROPOSED CATCH BASIN
	EXISTING CATCH BASIN
	VALVE BOX
	TREE, DIAMETER, & SPECIES
	RECONSTRUCT
	REMOVE
	ADJUST
	EXISTING FIRE HYDRANT
	EXISTING UTILITY POLE
	EXISTING STREET SIGN
	EXISTING SIGN
	EXISTING TELEPHONE BOX
	EXISTING STREET LIGHT
	EXISTING MAIL BOX
	PROPOSED STORM SEWER
	HMA SURFACE REMOVAL (BUTT JOINTS)
	PROPOSED HMA PAVEMENT
	REMOVAL
	EXISTING HMA PAVEMENT
	EXISTING CONCRETE PAVEMENT
	COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT
	EXISTING GRAVEL
	EXISTING BRICK PAVEMENT
	EXISTING CONTOURS

**INDEX OF SHEETS**

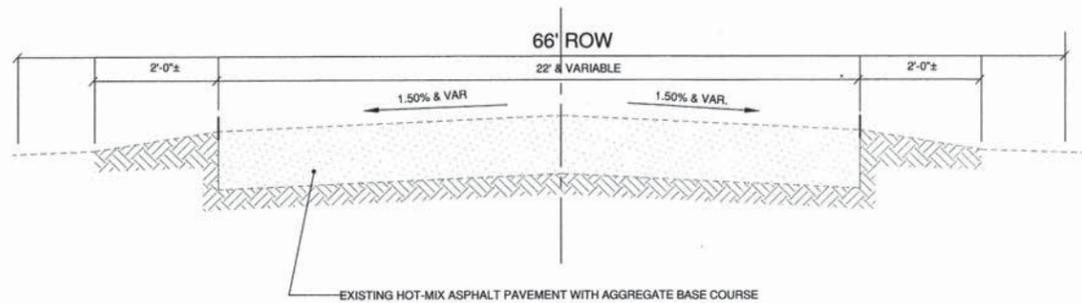
SHEET NO.	INDEX OF SHEETS
1	COVER SHEET
2	INDEX OF SHEETS, GENERAL NOTES, LISTING OF HIGHWAY STANDARDS
3	TYPICAL SECTIONS & SUMMARY OF QUANTITIES
4-6	ROADWAY & PATCHING PLAN
7-9	PAVEMENT MARKING PLAN
10	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)
11	BUTT JOINT & HMA TAPER DETAILS (BD-32)
12	TRAFFIC CONTROL AND PROTECTION FOR SIDES ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
13	DISTRICT ONE TYPICAL PAVEMENT MARKING (TC-13)
14	ARTERIAL ROAD INFORMATION SIGN (TC-22)

**STANDARDS**

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442201-03	CLASS C AND D PATCHES
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45MPH
701301-04	LANE CLOSURE, 2L, 2W, DAY SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45MPH
701311-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY
701901-04	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKING

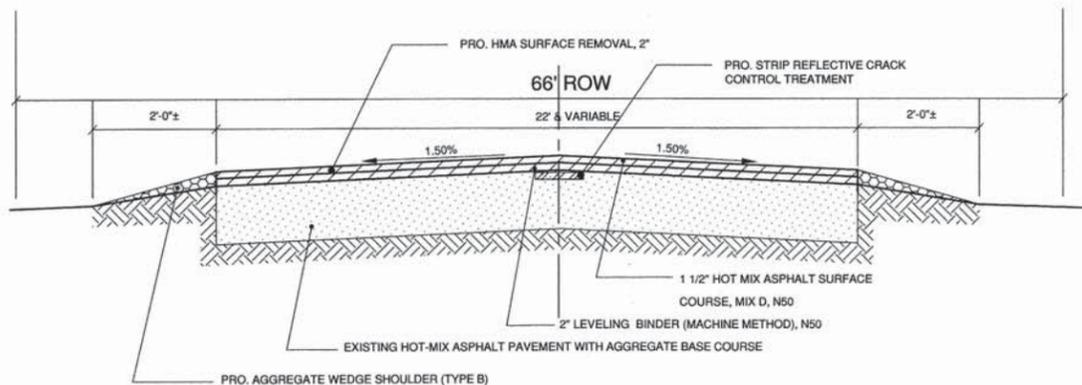
HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS
PAVEMENT RESURFACING:	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5MM, 1-1/2")	4% @ 50 GYR
LEVELING BINDER (MM), N50, 2"	4% @ 50 GYR
PATCHING:	
CLASS D PATCHES (HMA BINDER IL-19 MM) TYPES I-IV, 4"	4% @ 70 GYR

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURES IS 112 LBS/SQ YD./IN.  
 \*THE "AC TYPE" FOR POLYMERIZED HMA SHALL BE "SSSS/SSR 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 PROVISION.



EXISTING TYP. CROSS SECTION  
BONCOSKY ROAD

STA: 0+00 TO 28+41



PROPOSED TYPICAL SECTION  
BONCOSKY ROAD PROPOSED OVERLAY

STA: 0+00 TO 28+41

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE			
STP FUNDS			
75% FEDERAL/25% VILLAGE ROADWAY IMPROVEMENTS 0005 - URBAN			
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
* 40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	3260
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	10
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	815
40600982	HOT-MIX ASPHALT SURFACE REMOVAL- BUTT JOINT	SQ YD	140
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	610
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	7240
44201690	CLASS D PATCHES, TYPE I, 4 INCH	SQ YD	2.8
44201692	CLASS D PATCHES, TYPE II, 4 INCH	SQ YD	93.1
44201694	CLASS D PATCHES, TYPE III, 4 INCH	SQ YD	38.9
44201696	CLASS D PATCHES, TYPE IV, 4 INCH	SQ YD	198.3
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	2845
48101200	AGGREGATE SHOULDERS, TYPE B	TON	135
67100100	MOBILIZATION	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	11010
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	80
* Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	51.4

▲ SPECIALTY ITEMS

PATCHES WORKSHEET

Street	Location/Station	Size	Area (Sq.Yd.)	Type I (1-5)	Type II (5-15)	Type III (15-25)	Type IV (25 up)
Boncosky Rd.							
	1+64 Left	10 x 12	13.3		13.3		
	4+38 Left Edge	40 x 5	22.2			22.2	
	12+73 Left Edge	15 x 5	8.3		8.3		
	13+81 Left Edge	22 x 5	12.2		12.2		
	14+65 Center-left	20 x 4	8.9		8.9		
	15+27 Center	40 x 4	17.8				
	15+41 Left	75 x 5	41.7				59.4
	17+51 Right	20 x 4	8.9		8.9		
	18+56 Left	75 x 12	100.0				100.0
	19+36 Center	5 x 10	5.6		5.6		
	20+12 Center	15 x 10	16.7			16.7	
	20+55 Center	5 x 5	2.8	2.8			
	20+80 Left	12 x 4	5.3		5.3		
	21+41 Center	70 x 5	38.9				38.9
	24+85 Right	20 x 5	11.1		11.1		
	25+59 Left	14 x 4	6.2		6.2		
	27+58 Left	30 x 4	13.3		13.3		
TOTAL:				2.8	93.1	38.9	198.3

LEGEND

- ⊙ EXISTING MANHOLE
- ⊕ EXISTING VALVE VAULT
- IRON PIPE FOUND
- EXISTING INLET
- EXISTING CATCH BASIN
- ⊕ VALVE BOX
- ⊙<sup>36"</sup> TREE, DIAMETER, & SPECIES
- REC RECONSTRUCT
- Ⓜ REMOVE
- Ⓐ ADJUST
- ⊕ EXISTING FIRE HYDRANT
- Ⓡ EXISTING UTILITY POLE
- ⊕ EXISTING STREET SIGN
- Ⓡ EXISTING SIGN
- Ⓡ EXISTING TELEPHONE BOX
- ⊕ EXISTING STREET LIGHT
- Ⓡ EXISTING MAIL BOX
- ▨ PROPOSED HMA PAVEMENT
- ▨ PROPOSED AGGREGATE SHOULDER
- ▨ REMOVAL
- ▨ EXISTING HMA PAVEMENT
- ▨ EXISTING CONCRETE PAVEMENT
- ▨ EXISTING GRAVEL
- ▨ EXISTING BRICK PAVEMENT
- ▨ EXISTING CONTOURS

FILE NAME: SH-1260

GERALD L. HEINZ & ASSOCIATES, INC.  
CONSULTING ENGINEERS & LAND SURVEYORS  
206 NORTH RIVER STREET  
EAST DUNDEE, ILLINOIS 60118

USER NAME:  
PLOT SCALE: NTS  
PLOT DATE:

DESIGNED: JCS  
DRAWN: PC  
CHECKED: JDH  
DATE: NOVEMBER 06, 2014

REVISED:  
REVISED:  
REVISED:  
REVISED:

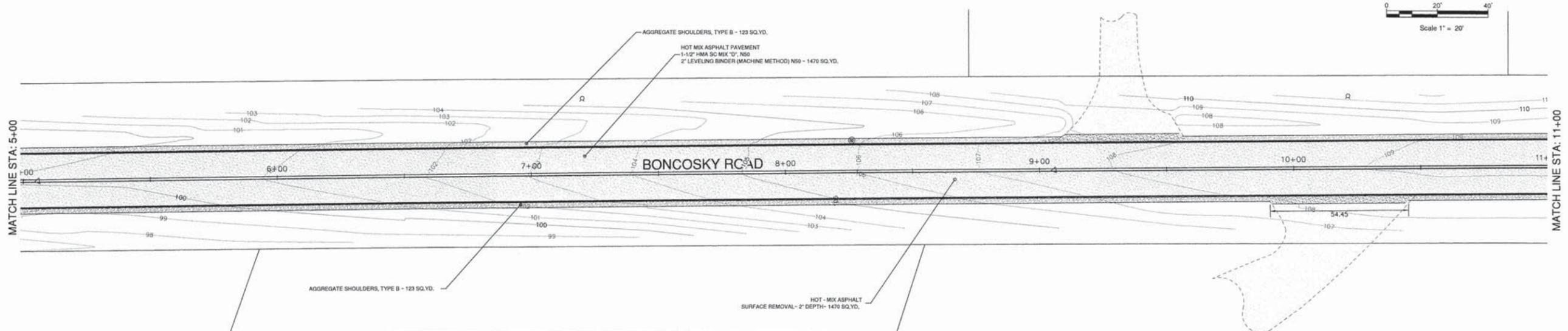
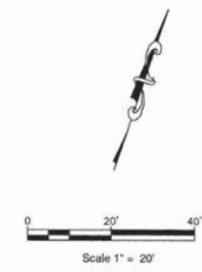
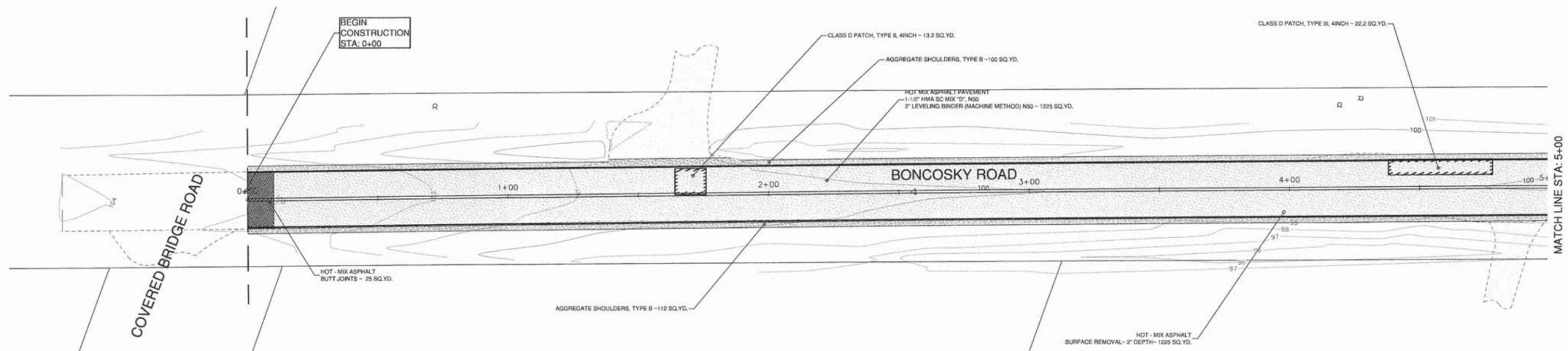
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS & SUMMARY  
OF QUANTITIES

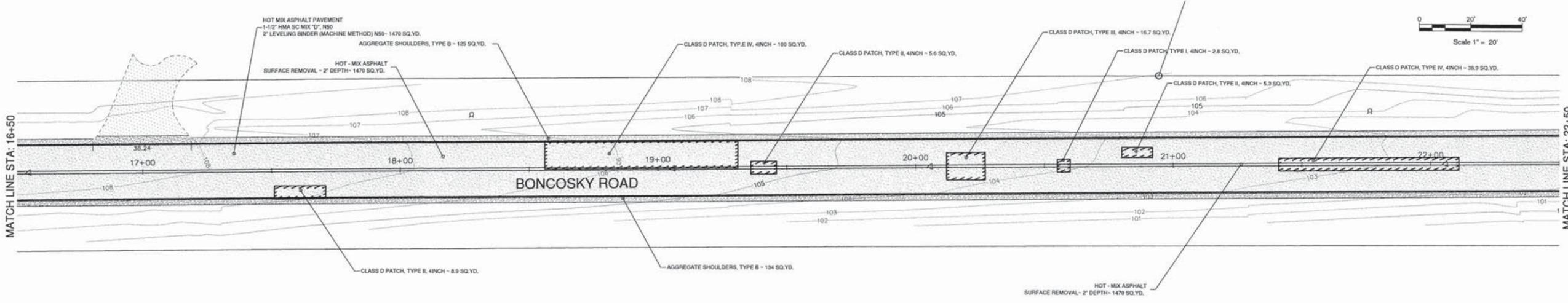
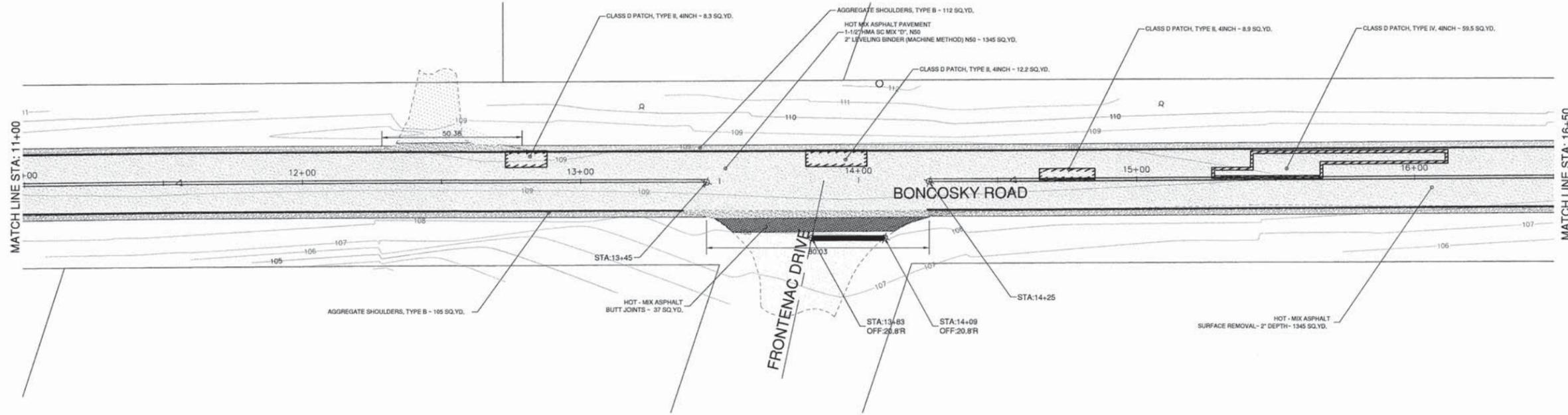
SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS STA: TO STA:

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2326	14-00008-00-RS	KANE	14	3

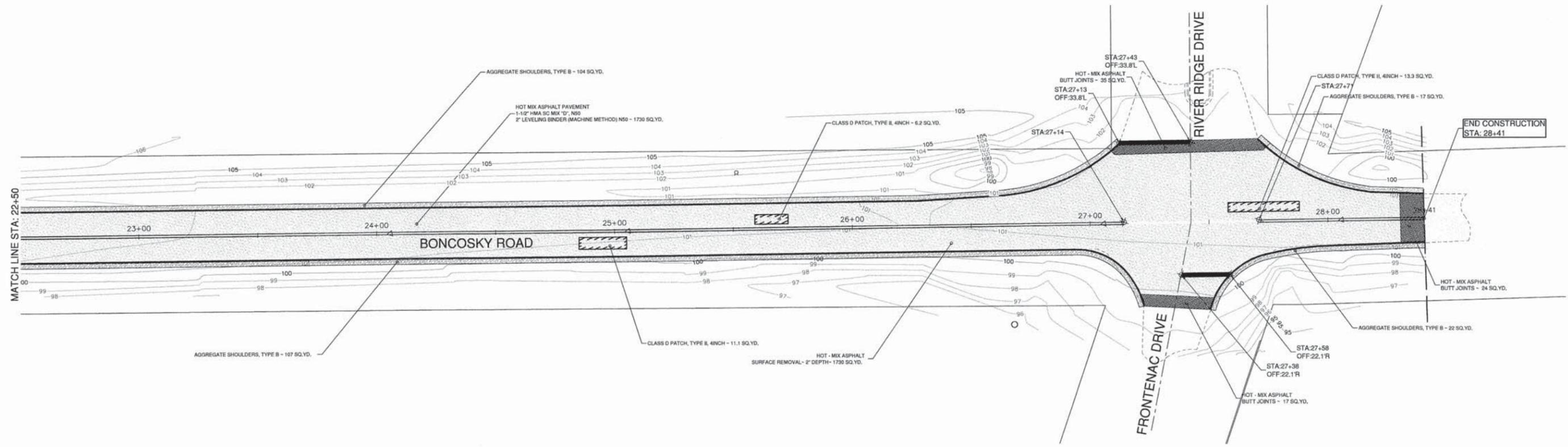
CONTRACT NO. 61870  
ILLINOIS  
FED. AID. PROJECT



FILE NAME: SH-1260	USER NAME:	DESIGNED: JCS	REVISED:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY & PAVEMENT PATCHING PLAN	FAU ROUTE:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:
	PLOT SCALE: 1" = 20"	DRAWN: PC	CHECKED: JCH			DATE: JANUARY 16, 2013	2326	14-00008-00-RS	KANE	14
PLOT DATE:	DATE:	REVISIONS:	REVISIONS:	SCALE: 1" = 20'	SHEET NO. 1 OF 3 SHEETS	STA: 0+00 TO STA: 11+00	FED. ROAD DIST. NO.:	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 61870



FILE NAME: SH-1260	USER NAME:	DESIGNED: JCS	REVISED:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY & PAVEMENT PATCHING PLAN		FED. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE: 1" = 20'	DRAWN: PC	CHECKED: JQH				DATE: JANUARY 16, 2013	2326	14-00008-00-RS	KANE	14
	PLOT DATE:	DATE:	REVISED:		SCALE: 1" = 20'	SHEET NO. 2 OF 3 SHEETS	STA: 11+00 TO STA: 22+50	FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 61870	FED. AID. PROJECT



FILE NAME:  
SH-1260

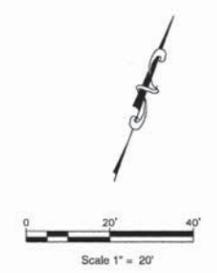
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

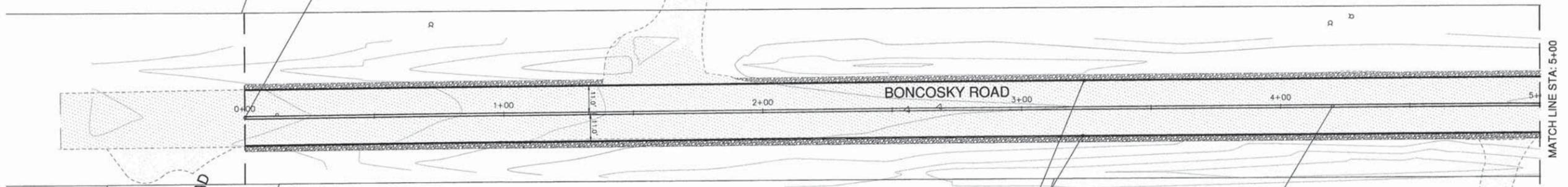
ROADWAY & PAVEMENT PATCHING PLAN

SCALE: 1" = 20' SHEET NO. 3 OF 3 SHEETS STA: 22+50 TO STA: 28+41

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2326	14-00008-DD-RS	KANE	14	6
CONTRACT NO. 61B70				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID. PROJECT		



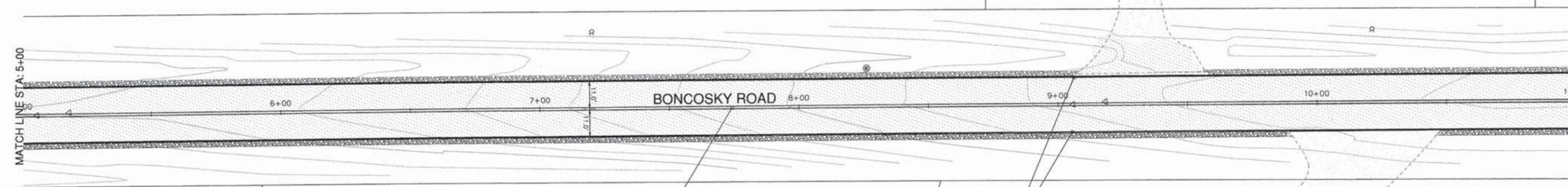
BEGIN  
CONSTRUCTION  
STA: 0+00



COVERED BRIDGE ROAD

PRO. THERMOPLASTIC PAVEMENT MARKING  
LINE, 4\"/>

PRO. THERMOPLASTIC PAVEMENT MARKING  
4\"/>



PRO. THERMOPLASTIC PAVEMENT MARKING  
4\"/>

PRO. THERMOPLASTIC PAVEMENT MARKING  
LINE, 4\"/>

FILE NAME:  
SH-1260

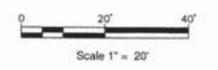
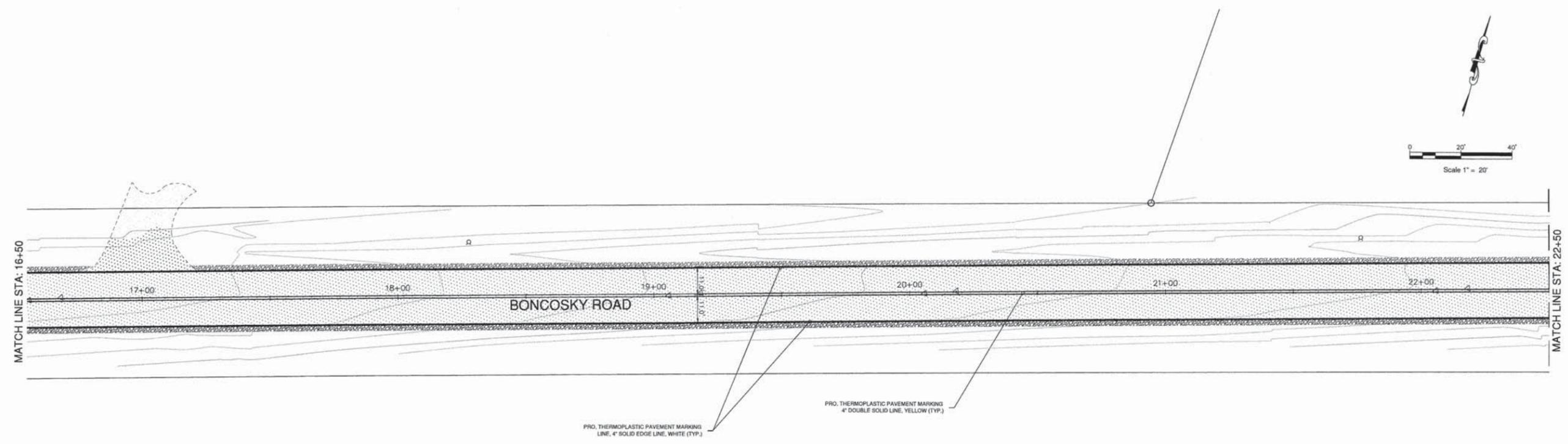
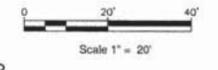
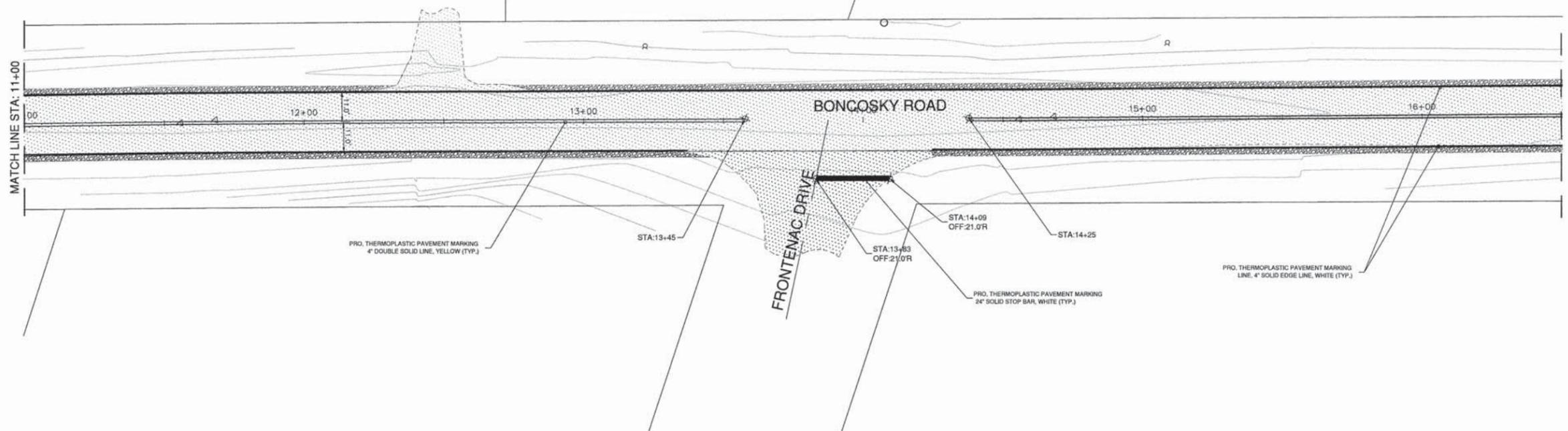
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PLOT SCALE: 1" = 20"	DRAWN: PC	REVISED:
PLOT DATE:	CHECKED: JQH	REVISED:
	DATE: JANUARY 16, 2013	REVISED:

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

SCALE: 1" = 20' SHEET NO. 1 OF 3 SHEETS STA: 0+00 TO STA: 11+00

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2326	14-00008-00-RS	KANE	14	7
FED. ROAD DIST. NO.			ILLINOIS	CONTRACT NO. 61870
				FED. AID. PROJECT



FILE NAME:  
SH-1260

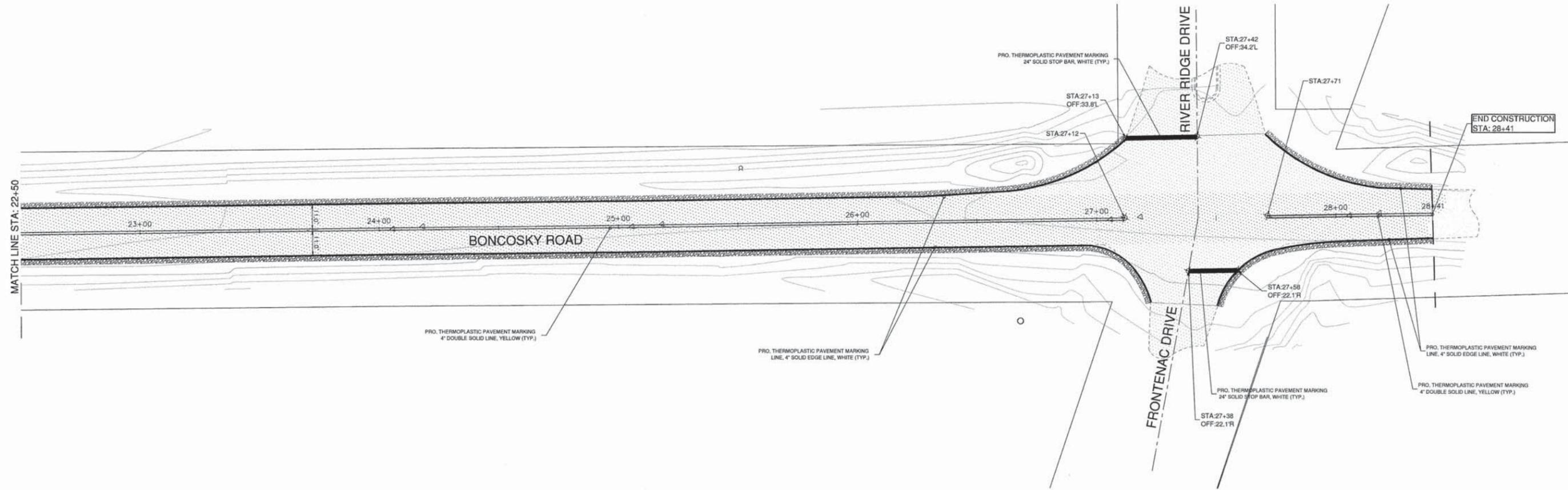
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PLOT SCALE: 1" = 20"	DRAWN: PC	REVISED:
PLOT DATE:	CHECKED: JQH	REVISED:
	DATE: JANUARY 16, 2013	REVISED:

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

SCALE: 1" = 20' SHEET NO. 2 OF 3 SHEETS STA: 11+00 TO STA: 22+50

TAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2326	14-00008-00-RS	KANE	14	8
CONTRACT NO. 61870				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID. PROJECT		



FILE NAME:  
SH-1260

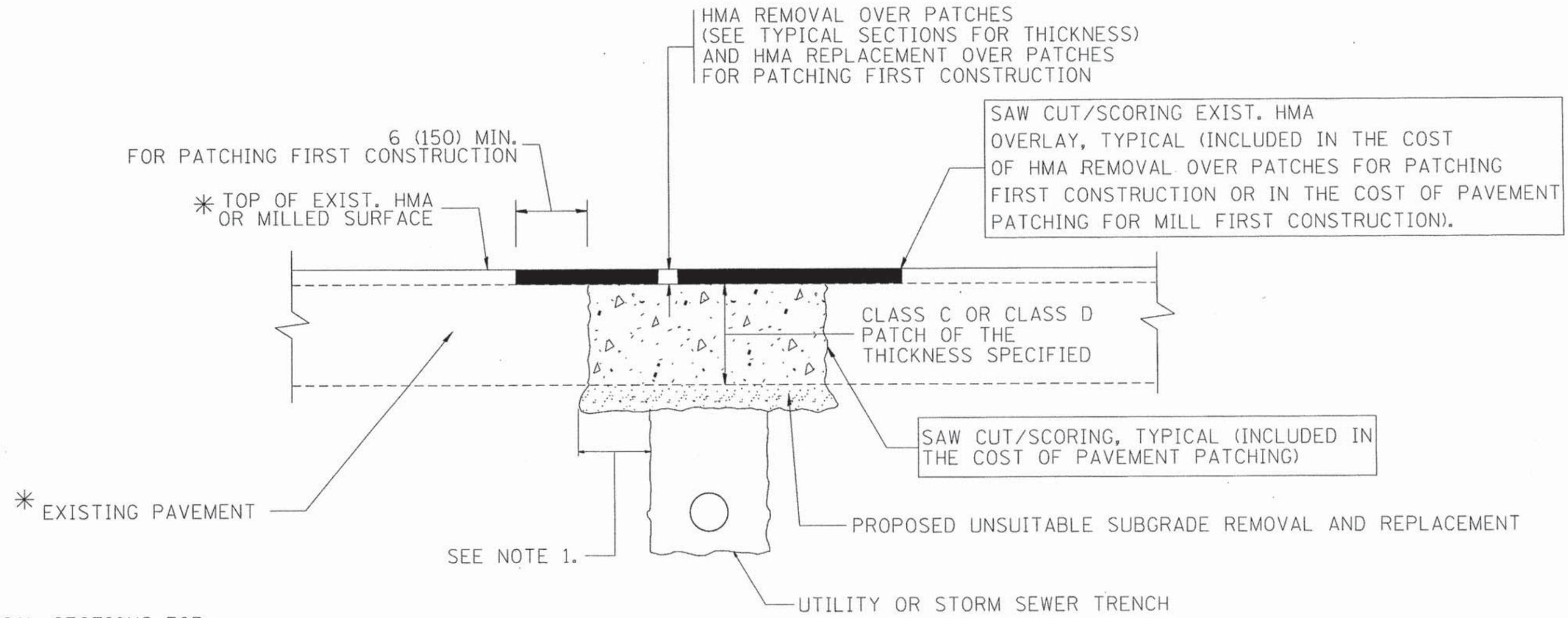
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	DRAWN: PC	REVISED:	
PLOT SCALE: 1" = 20'	CHECKED: JDH	REVISED:	
PLOT DATE:	DATE: JANUARY 16, 2013	REVISED:	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

SCALE: 1" = 20' SHEET NO. 3 OF 3 SHEETS STA: 22+50 TO STA: 28+41

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2326	14-00008-00-RS	KANE	14	9
CONTRACT NO. 61B70				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID. PROJECT		



\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

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.

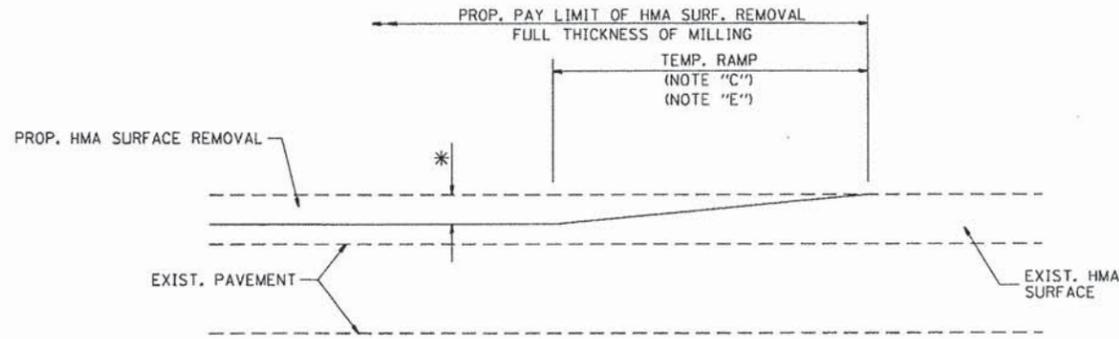
SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 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.

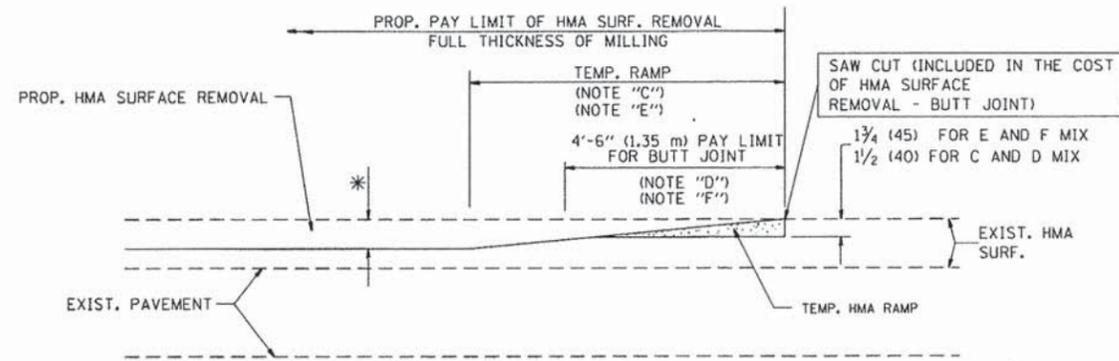
BD-22

FILE NAME: SH-1218	GERALD L. HEINZ & ASSOCIATES, INC. CONSULTING ENGINEERS & LAND SURVEYORS 206 NORTH RIVER STREET EAST DUNDEE, ILLINOIS 60118	USER NAME:	DESIGNED: JCS	REVISIONS:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)	FAU ROUTE 2326	SECTION 14-00008-00-RS	COUNTY KANE	TOTAL SHEETS 14	SHEET NO. 10
		PLOT SCALE: 1" = 20"	CHECKED: JDH	DATE: JANUARY 16, 2013			CONTRACT NO. 61870		FED. ROAD DIST. NO. ILLINOIS FED. AID. PROJECT		



MILLED TEMPORARY RAMP  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

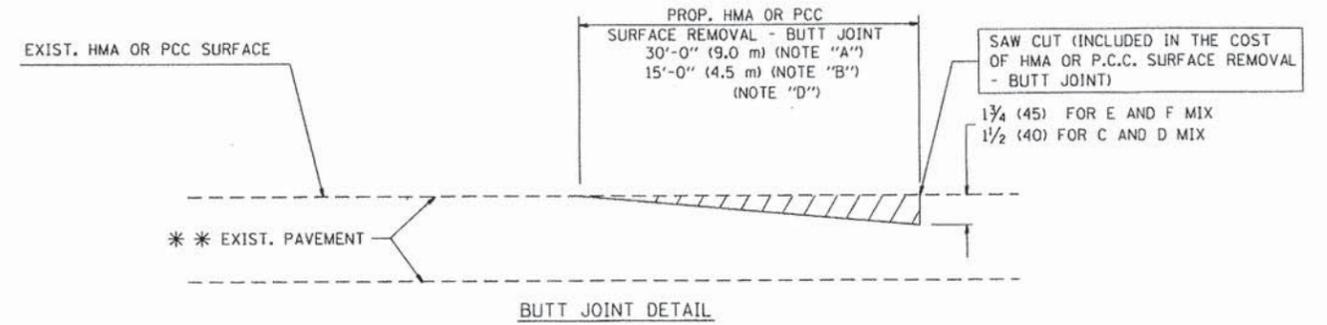
OPTION 1



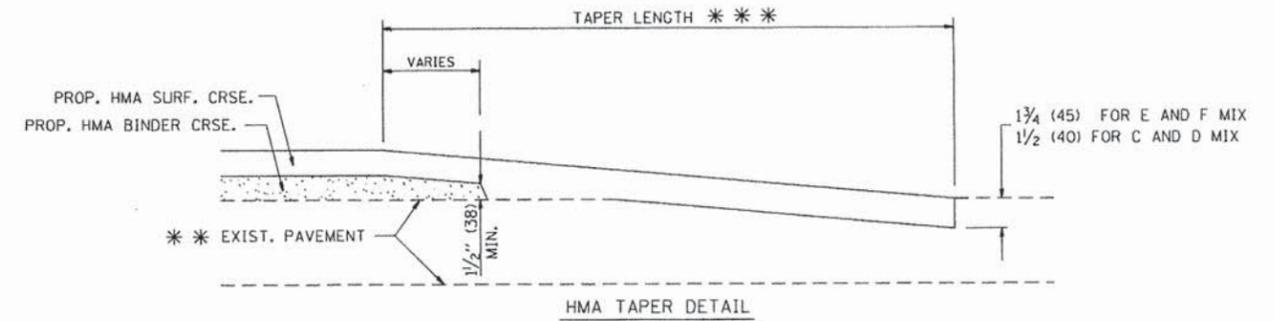
HMA CONSTRUCTED TEMPORARY RAMP  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER  
FOR RESURFACING ONLY

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

NOTES

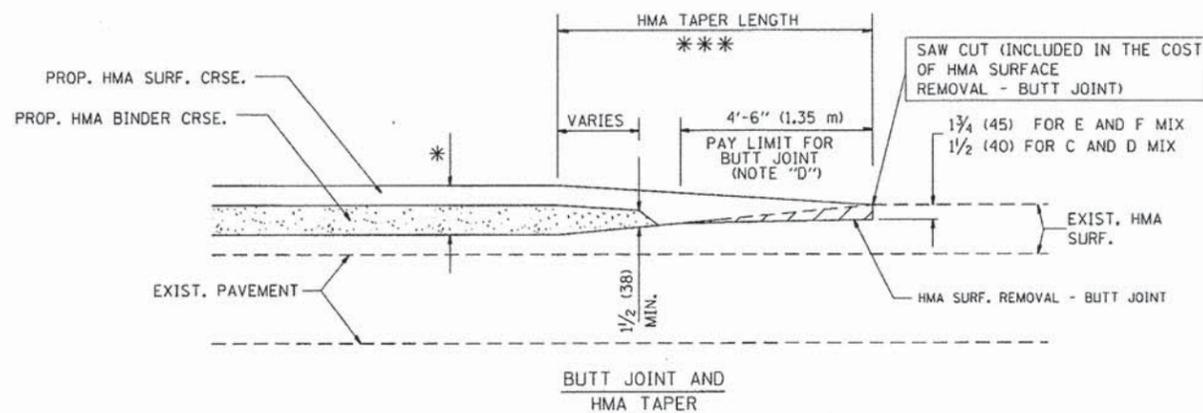
- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
  - B: MINOR SIDE ROADS.
  - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
  - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
  - E: TAPER THE TEMP. RAMP AT A RATE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

\*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

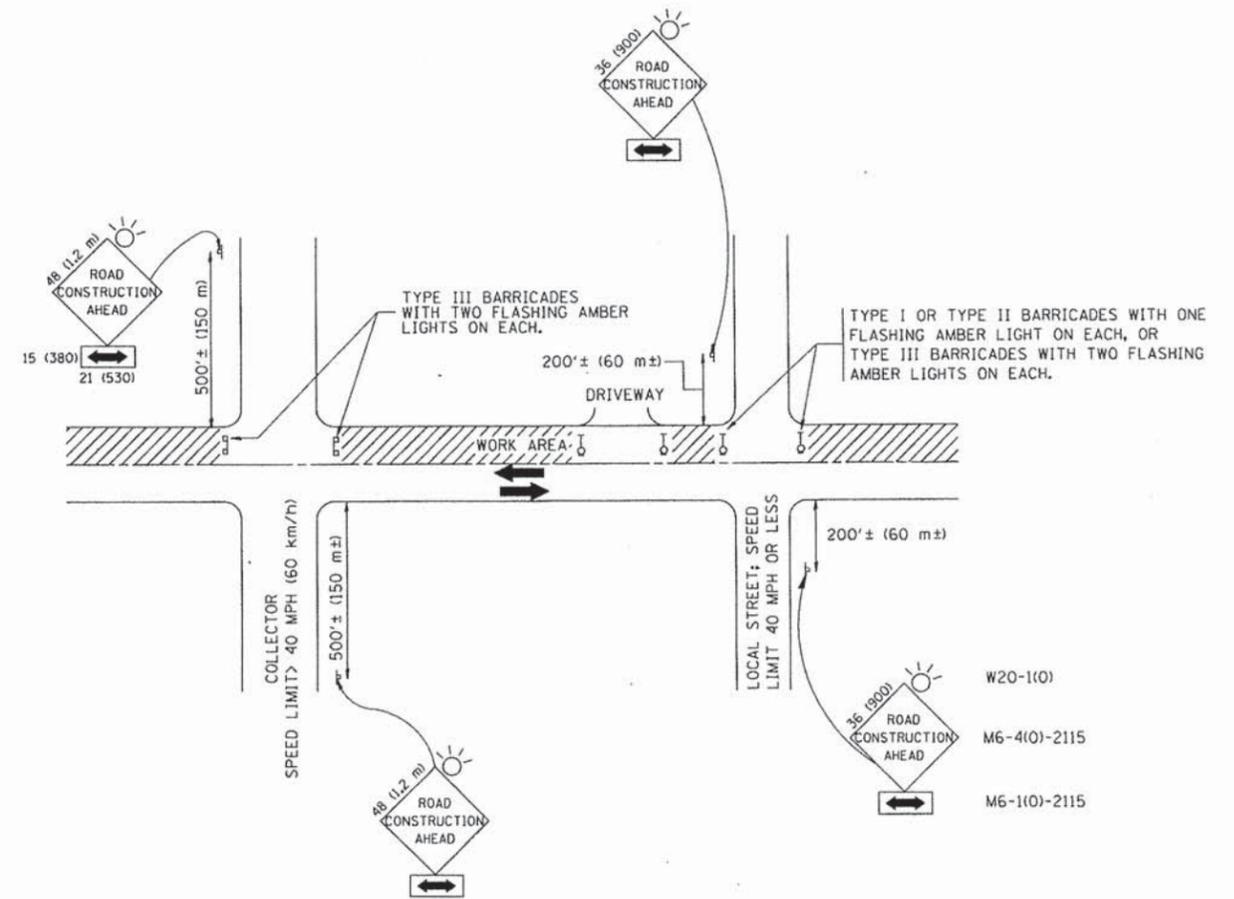
THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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



TYPICAL BUTT JOINT AND HMA TAPER  
FOR MILLING AND RESURFACING

FILE NAME: SH-1218	GERALD L. HEINZ & ASSOCIATES, INC. CONSULTING ENGINEERS & LAND SURVEYORS 206 NORTH RIVER STREET EAST DUNDEE, ILLINOIS 60118	USER NAME: PLOT SCALE: 1" = 20" PLOT DATE:	DESIGNED: JCS DRAWN: PC CHECKED: JQH DATE: JANUARY 16, 2013	REVISED: REVISED: REVISED: REVISED:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT & HMA TAPER DETAILS (BD-32)	FAU ROUTE 2326	SECTION 14-00008-00-RS	COUNTY KANE	TOTAL SHEETS 14	SHEET NO. 11	CONTRACT NO. 61B70	FED. ROAD DIST. NO. ILLINOIS	FED. AID. PROJECT
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### 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).

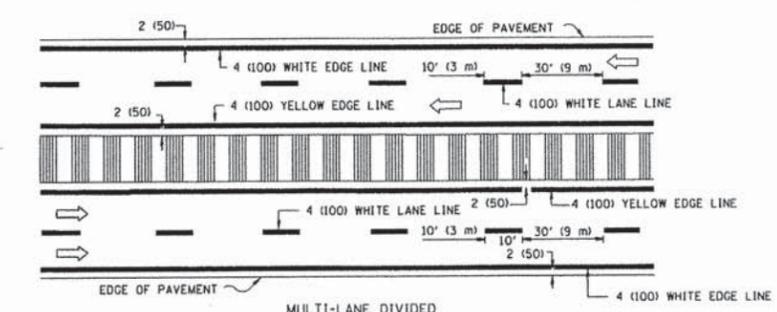
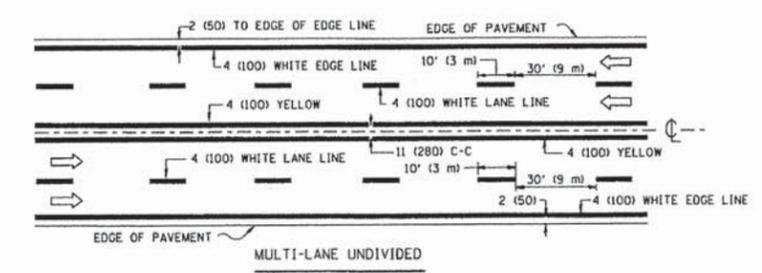
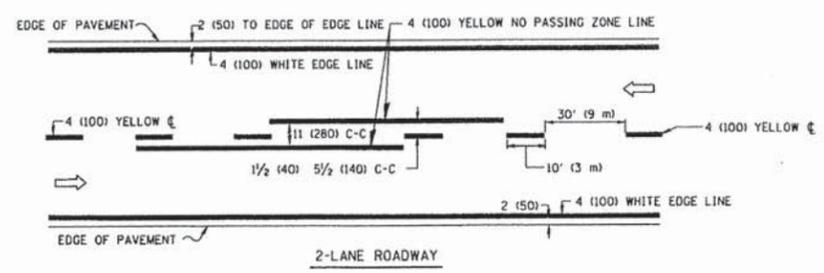
##### B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

- 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.

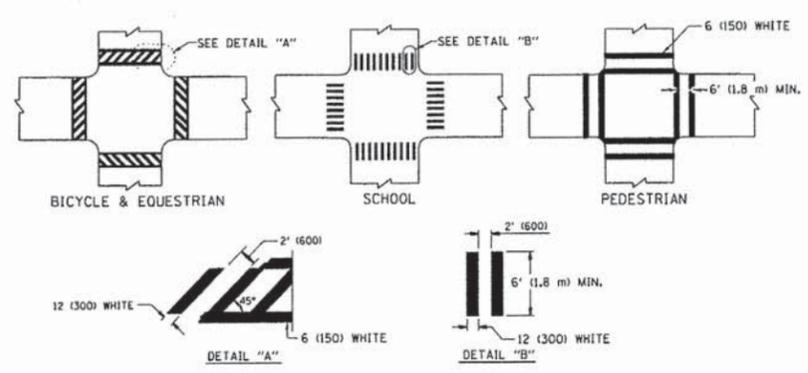
TC-10

FILE NAME: SH-1218	GERALD L. HEINZ & ASSOCIATES, INC. CONSULTING ENGINEERS & LAND SURVEYORS 206 NORTH RIVER STREET EAST DUNDEE, ILLINOIS 60118	USER NAME: PLOT SCALE: 1" = 20' PLOT DATE:	DESIGNED: JCS DRAWN: PC CHECKED: JCH DATE: JANUARY 16, 2013	REVISED: REVISED: REVISED: REVISED:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDES ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)	FAU ROUTE: 2326 SECTION: 14-00008-00-RS COUNTY: KANE TOTAL SHEETS: 14 SHEET NO.: 12 CONTRACT NO. 61870 ILLINOIS FED. AID. PROJECT
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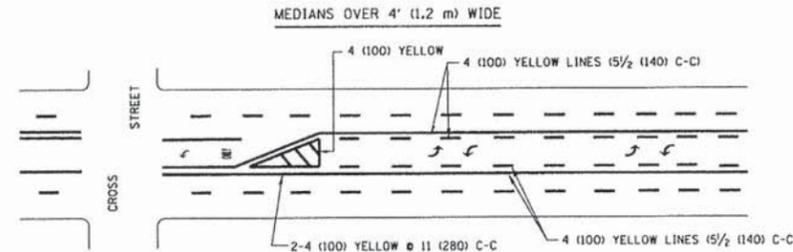
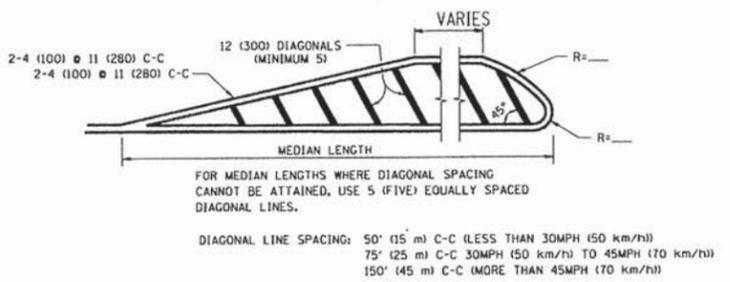
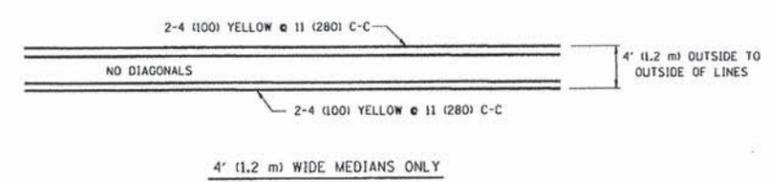


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

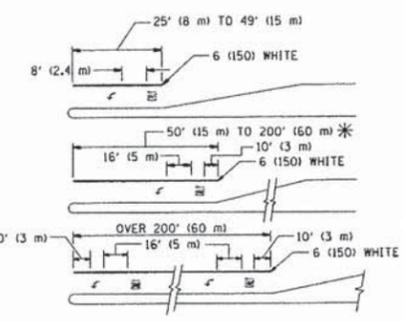
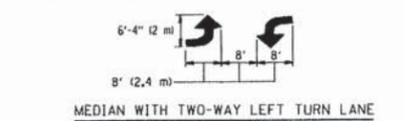
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



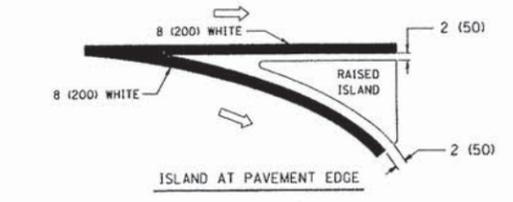
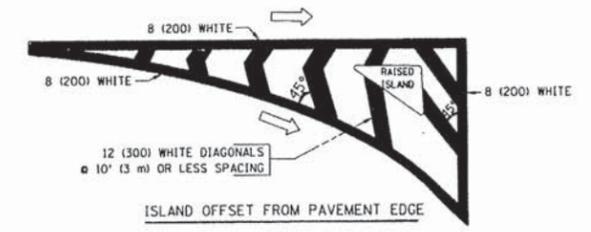
TYPICAL PAINTED MEDIAN MARKING



\* 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

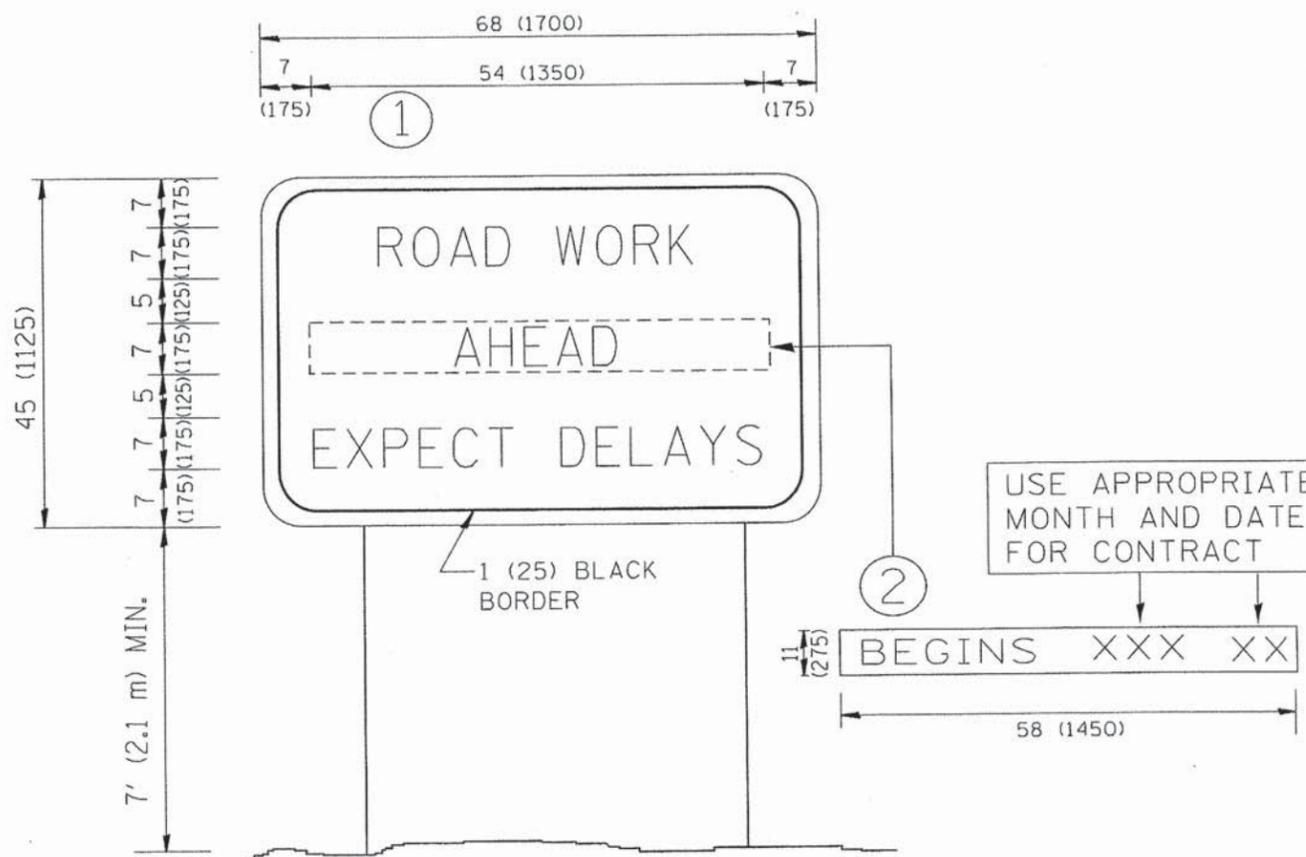


TYPICAL ISLAND MARKING

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 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	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": 3.8 SQ. FT. (0.33 m²) EACH "X": 54.0 SQ. FT. (5.0 m²)
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.



**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.

F.A.P. SECTION COUNTY TOTAL SHEET

TC-22

FILE NAME: SH-1218

GERALD L. HEINZ & ASSOCIATES, INC.  
CONSULTING ENGINEERS & LAND SURVEYORS  
206 NORTH RIVER STREET  
EAST DUNDEE, ILLINOIS 60118

USER NAME:  
PLOT SCALE: 1" = 20'  
PLOT DATE:

DESIGNED: JCS  
DRAWN: PC  
CHECKED: JQH  
DATE: JANUARY 16, 2013

REVISED:  
REVISED:  
REVISED:  
REVISED:

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN (TC-22)

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2326	14-00006-00-RS	KANE	14	14
CONTRACT NO. 61B70				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID. PROJECT		