

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

PROJECT LOCATED IN THE CITY OF COUNTRY CLUB HILLS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY**  
FAU ROUTE 1705 (173RD STREET)  
173RD STREET FROM OLD BRENNAN HIGHWAY  
TO IL ROUTE 50 (CICERO AVENUE)  
RESURFACING

PROJECT No.: ARA-9003(525)  
SECTION No.: 09-00034-00-RS  
JOB No: C-91-740-09  
CITY OF COUNTRY CLUB HILLS  
COOK COUNTY

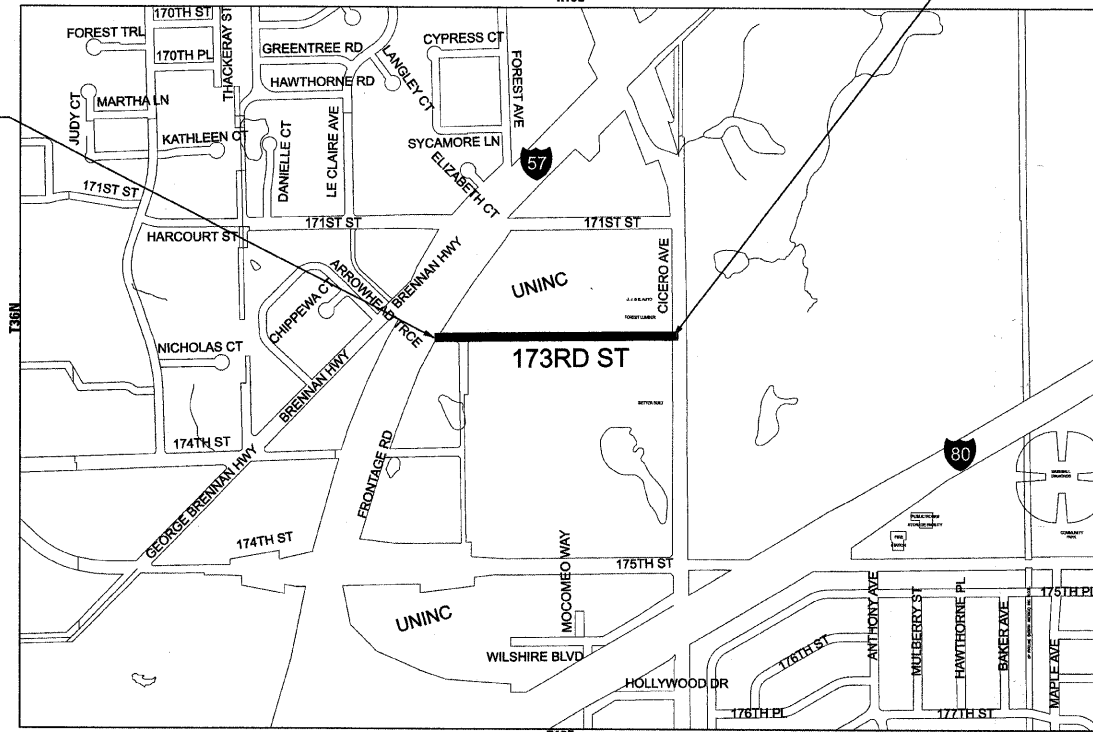
PROJECT NO.: ARA-9003(525)  
FAU 1705 173RD STREET  
PROJECT ENDS STA 23+50

TRAFFIC DATA  
173RD STREET  
POSTED & DESIGN SPEED LIMIT = 30 MPH  
2008 ADT = 1,500

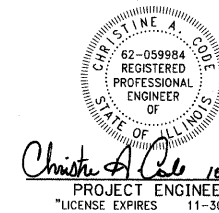
DESIGN DESIGNATION  
COLLECTOR

PROJECT NO.: ARA-9003(525)  
FAU 1705 173RD STREET  
PROJECT BEGINS STA 5+00

LOCATION MAP  
(NOT TO SCALE)  
R13E



3RD PRINCIPAL MERIDIAN  
BREMEN TOWNSHIP  
GROSS LENGTH OF IMPROVEMENT = 1,850 LF OR 0.35 MILES  
NET LENGTH OF IMPROVEMENT = 1,850 LF OR 0.35 MILES



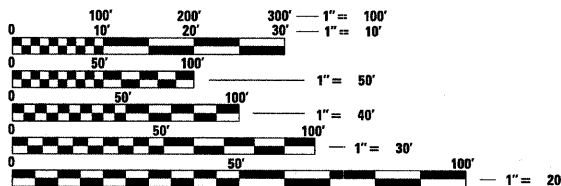
Christine A. Cole 10/14/09 PROJECT ENGINEER  
Nathan J. Peck 10/14/09 PROJECT MANAGER

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00034-00-RS	09-00034-00-RS	COOK	8	1
STA.	TO STA.			
FED. ROAD DIST. NO	ILLINOIS	FED AID PROJECT		
C-91-740-09		ARA-9003(525)		
FAU 1705 173RD STREET CONTRACT NO. 63315				



LOCATION OF SECTION INDICATED THUS: [Symbol]

BAXTER & WOODMAN, INC.  
STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
LICENSE NO. - 184-001121 - EXPIRES 4/30/2011



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

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

APPROVED [Signature] 10-14-09  
MAYOR

PASSED [Signature] OCTOBER 26, 2009  
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID  
BASED ON LIMITED  
REVIEW OCTOBER 26, 2009  
Devin M. O'Keefe  
DEPUTY DIRECTOR OF  
HIGHWAYS, REGION 1 ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

CONTRACT NO. 63315

Burlington, Wisconsin 262.763.7834    Crystal Lake, Illinois 815.459.1260    DeKalb, Illinois 815.787.3111    Itasca, Illinois (Mokena, Illinois) 630.773.1870    Grayslake, Illinois 708.478.2090    Plainfield, Illinois 847.223.5088    Madison, Wisconsin 815.609.7425    Chicago, Illinois 608.347.1542    312.378.0050

(OFFICE WHICH PREPARED PLANS)

B&W PROJECT NO.: 090389.40    DATE: 10-06-09

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STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
SPRINTED BY B&W CONSULTING ENGINEERS  
FIELD ENGINEER MELCHOR MANGOBA, P.E. (847-705-4408)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00034-00-RS	09-00034-00-RS	COOK	8	2
STA.	TO STA.			
FED. ROAD DIST. NO	ILLINOIS	FED AID PROJECT ARA-9003(525)		
C-91-740-09				

\*FAU 1705 173RD STREET  
CONTRACT NO. 63315

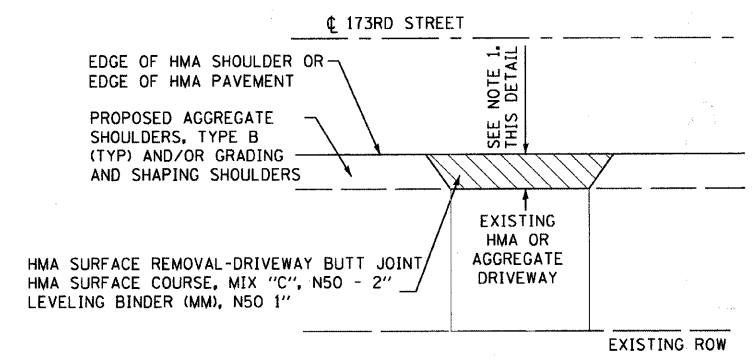
### GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AND THE "MANUAL OF TEST PROCEDURES FOR MATERIALS".
- THE CONTRACTOR SHALL HAVE THE RESPECTIVE UTILITY COMPANIES FIELD LOCATE ALL THEIR FACILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL ALSO VERIFY THE DEPTHS OF THE EXISTING UTILITIES IF NECESSARY. ALL RELOCATION OR LOWERING OF UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER OR VILLAGE.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN VILLAGE UTILITY LOCATIONS AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER.
- MATERIALS RESULTING FROM THE REMOVAL OF PAVEMENT, DRIVEWAYS, CURB AND GUTTER, HOT-MIX ASPHALT SURFACES, SIDEWALKS AND EXCAVATION FOR NEW SIDEWALKS ETC. SHALL BE REMOVED AT THE END OF EACH DAY TO AN APPROVED SITE. IN THE JUDGMENT OF THE VILLAGE, SHOULD IT BE NECESSARY TO REMOVE SUCH MATERIALS, THE VILLAGE WILL HAVE THE MATERIAL REMOVED AND THE CONTRACTOR WILL BE BILLED (CHARGED) ACCORDINGLY.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL WATER REQUIRED FOR THIS PROJECT FROM AN OFFSITE LOCATION.
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY RESIDENTS AND THE VILLAGE WHEN ACCESS TO THEIR DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO DRIVEWAY REPLACEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE VILLAGE TO RESIDENTS. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE OWNERS, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- THE CONTRACTOR SHALL NOTIFY IDOT BUREAU OF MATERIALS (PHONE 847-705-4337) AT LEAST 24 HOURS PRIOR TO THE PLACEMENT OF HMA OR CONCRETE.
- ANY SIGNS OR MAILBOXES THAT ARE IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED AND REPLACED IN ACCORDANCE WITH VILLAGE STANDARDS AND INCLUDED IN THE COST OF THE CONTRACT. MAIL SERVICE SHALL BE MAINTAINED AT ALL TIMES.
- EXISTING PAVEMENT, DRIVEWAY PAVEMENT, CURB AND GUTTER AND SIDEWALK TO REMAIN IN PLACE SHALL BE SAW CUT FULL DEPTH TO PROVIDE A NEAT VERTICAL FACE BETWEEN THE PROPOSED AND EXISTING AND SHALL BE INCLUDED IN THE PRICE OF THE APPROPRIATE REMOVAL PAY ITEM.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED. ONE (1) WEIGHTED SANDBAG SHALL BE PLACED ACROSS EACH BOTTOM RAIL.
- THE PRIME COAT APPLICATION RATE SHALL BE 0.1 GAL/SY. THE MC-30 PRIME COAT APPLICATION RATE SHALL BE 0.3 GAL/SY.
- THE LOCATIONS OF THE CLASS D PATCHES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
- ALL AGGREGATE USED ON THIS PROJECT FOR THE AGGREGATE SHOULDERS, TYPE B SHALL BE CRUSHED MATERIAL.
- THE QUANTITIES FOR PATCHING WILL NOT EXCEED THE AMOUNT LISTED IN THE SUMMARY OF QUANTITIES.
- THE DAYS PAVING OPERATION SHALL RESULT IN A SINGLE TRANSVERSE JOINT. ANY COLD LONGITUDINAL JOINTS WILL NOT BE ACCEPTED. PROVIDING A SINGLE TRANSVERSE JOINT SHALL BE ACCOMPLISHED BY PAVING ONE LANE OF SUFFICIENT LENGTH THAT WILL ALLOW FOR THE PAVING OF THE ADJACENT LANE IN THE SAME DAY.

18. NO DAMAGE TO PARKWAYS IS PLANNED AS PART OF THESE IMPROVEMENTS. ANY AND ALL RESTORATION OF DAMAGED PARKWAYS SHALL CONSIST OF NECESSARY SUB-GRADE MATERIAL AS APPROVED BY THE ENGINEER, TOPSOIL 4-INCH AND NATIVE SOD IN ACCORDANCE WITH SECTION 1081.03. RESTORATION SHALL BE INCLUDED IN THE PAY ITEM WHICH CAUSED THE DISTURBANCE.

### INDEX OF SHEETS

SHEET NO.	TITLE
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES
3	SUMMARY OF QUANTITIES/SCHEDULE OF QUANTITIES
4	TYPICAL SECTIONS AND HMA MIXTURE REQUIREMENTS
5	RESURFACING PLAN
6	DISTRICT 1 DETAIL - BD-32 BUTT JOINTS AND HMA TAPER DETAILS
7	DISTRICT 1 DETAIL - TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
8	DISTRICT 1 DETAIL - TC-18 SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS



NOTES: 1. 3' MIN WHEN MATCHING EXISTING HMA DRIVEWAY  
3' MIN. WHEN MATCHING EXISTING AGGREGATE DRIVEWAY

**HMA DRIVEWAY DETAIL**  
NO SCALE

### HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L 2W, MOVING OPERATIONS-DAY ONLY
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
 LICENSE NO. - BF-00272009  
 PROJECT NO. - 090389-173rd  
 PROJECT NAME - FAU 1705 173RD STREET  
 PROJECT LOCATION - COOK COUNTY, ILLINOIS  
 PROJECT DATE - 08/06/09



DESIGNED - JGH	REVISED - PER IDOT 10-6-09
DRAWN - BCD	REVISED -
CHECKED - NJP	REVISED -
DATE - 8-06-09	FILE - 090389-GenNotes.sht

**CITY OF COUNTRY CLUB HILLS, ILLINOIS**  
**FAU 1705 173RD STREET**  
**RESURFACING**

### INDEX OF SHEETS, HIGHWAY STANDARDS, DETAILS AND GENERAL NOTES

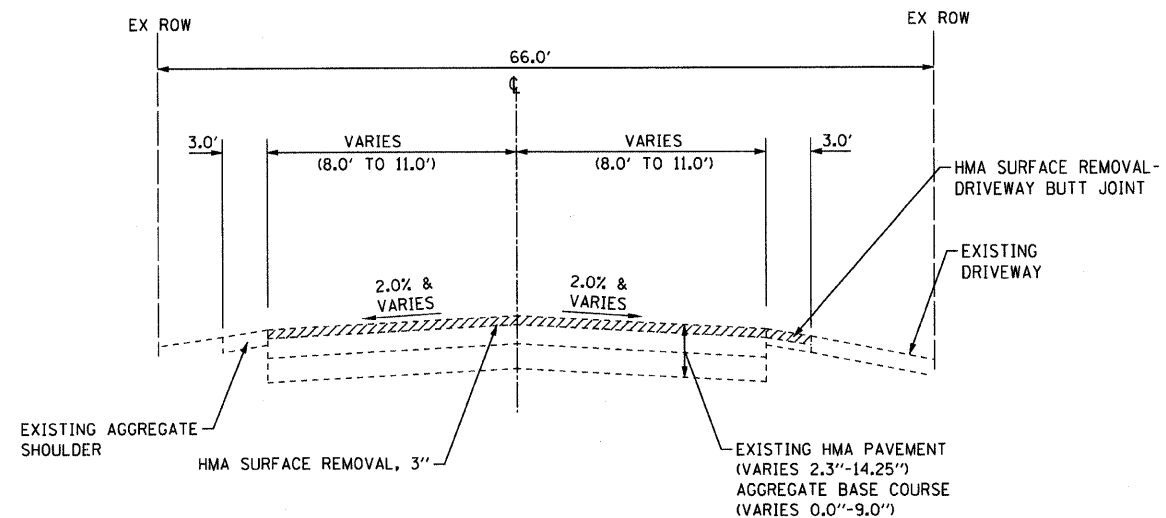
SCALE: NONE STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00034-00-RS	09-00034-00-RS	COOK	8	2
CONTRACT NO. 63315				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
C-91-740-09				

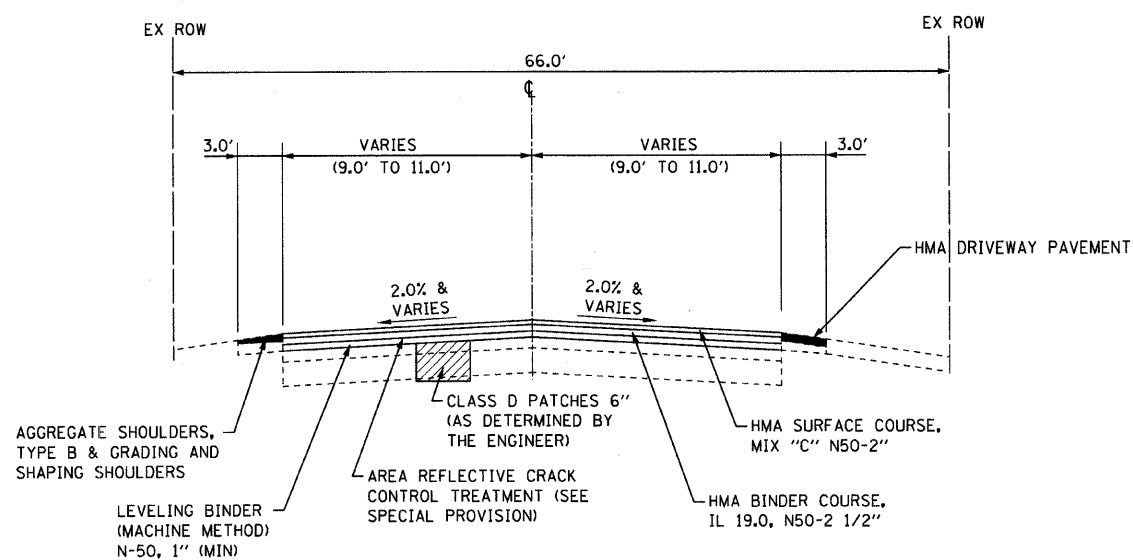


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	09-00034-00-RS	COOK	8	4
STA.	TO STA.			
FED. ROAD DIST. NO	ILLINOIS	FED AID PROJECT ARA-9003(525)		
C-91-740-09				

•FAU 1705 173RD STREET  
CONTRACT NO. 63315



**EXISTING TYPICAL SECTION**  
**173RD STREET**  
STA 5+00 TO STA 23+50



**PROPOSED TYPICAL SECTION**  
**173RD STREET**  
STA 5+00 TO STA 23+50

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING

ITEM	AIR VOIDS @ Ndes
<b>RESURFACING</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm) - 2"	4% @ 50 Gyr
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50 - 2 1/2"	4% @ 50 Gyr
LEVELING BINDER (MACHINE METHOD), N50 (IL 9.5 mm) - 1"	4% @ 50 Gyr
<b>DRIVEWAYS</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm) - 2"	
LEVELING BINDER (MACHINE METHOD), N50 (IL 9.5 mm) - 1"	4% @ 50 Gyr
<b>PATCHING</b>	
CLASS D PATCHES (HMA BINDER IL-19mm); TYPE I-IV - 6 INCH	4% @ 70 Gyr

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACES MIXTURE IS 112 LBS/SQ YD/IN.  
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22 AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS." FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM  
 LICENSE NO. - BR 02/27/2009  
 486625  
 PROJECT: MOBILE HOME TRAILER PARKS  
 DRAWING: SURVEY DRAWINGS\DRNS\090389-TYP.sht  
 DATE: 08/06/09



DESIGNED - JGH	REVISED - PER IDOT 10-6-09
DRAWN - BCD	REVISED -
CHECKED - NJP	REVISED -
DATE - 8-06-09	FILE - 090389-TYP.sht

**CITY OF COUNTRY CLUB HILLS, ILLINOIS**  
**FAU 1705 173RD STREET**  
**RESURFACING**

SCALE: NONE

STA. TO STA.

**TYPICAL SECTIONS AND**  
**HMA MIXTURE REQUIREMENTS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	09-00034-00-RS	COOK	8	4
CONTRACT NO. 63315				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PROJECT BEGINS  
STA 5+00

HOT-MIX ASPHALT DRIVEWAY SURFACE REMOVAL-DRIVEWAY BUTT JOINT (SQ YD)  
HOT-MIX ASPHALT DRIVEWAY REPLACEMENT (SQ YD) (TYP)

HMA SURFACE REMOVAL-BUTT JOINT  
HOT-MIX ASPHALT SURFACE REMOVAL, 3"

EXISTING  $\phi$  173RD STREET

AGGREGATE SHOULDERS, TYPE B (TYP)  
(QUANTITY BASED ON DEPTH 2")

EX ROW

STA 8+18.7

STA 13+45

GRADING AND SHAPING SHOULDERS (TYP)  
(QUANTITY ALONG PROJECT LENGTH BOTH  
SIDES OF 173RD STREET)

HMA SURFACE COURSE, MIX "C", N50  
LEVELING BINDER (MACHINE METHOD) N50

**173RD STREET**

PIPE CULVERT REMOVAL (SPECIAL)  
(SEE NOTE 1)

GRADING AND SHAPING SHOULDERS (TYP)  
(QUANTITY ALONG PROJECT LENGTH BOTH  
SIDES OF 173RD STREET)

EXISTING  $\phi$  173RD STREET

AGGREGATE SHOULDERS, TYPE B (TYP)  
(QUANTITY BASED ON DEPTH 2")

PIPE CULVERT, CLASS D,  
TYPE 1 12" (STA 18+76)

EX ROW

MATCH LINE STA. 17+00 - SEE ABOVE RIGHT

PIPE CULVERT, CLASS D, TYPE 1  
EQUIVALENT ROUND-SIZE 18"  
(STA 19+00)

HMA SURFACE COURSE, MIX "C", N50  
LEVELING BINDER (MACHINE METHOD) N50

STA 20+38.9

STA 21+43.9

HMA SURFACE REMOVAL-BUTT JOINT

HOT-MIX ASPHALT SURFACE REMOVAL, 3"

HOT-MIX ASPHALT DRIVEWAY SURFACE REMOVAL-DRIVEWAY BUTT JOINT (SQ YD)  
HOT-MIX ASPHALT DRIVEWAY REPLACEMENT (SQ YD) (TYP)

**173RD STREET**

**CICERO AVENUE  
(IL ROUTE 50)**

POT Sta 24+64.17

MATCH LINE STA. 17+00 - SEE BELOW LEFT

PROJECT ENDS  
STA 23+50

NOTES:

1. THE CONTRACTOR SHALL REMOVE THE EXISTING PIPE CULVERTS AND REPLACE AS SHOWN ON THE PLANS.

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 LICENSE NO. - 184-00121 - EXPIRES 4/30/2011  
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DESIGNED - JGH	REVISED - PER IDOT 10-06-09
DRAWN - BCD	REVISED -
CHECKED - NJP	REVISED -
DATE - 7-10-09	FILE - 090389-Plan.sht

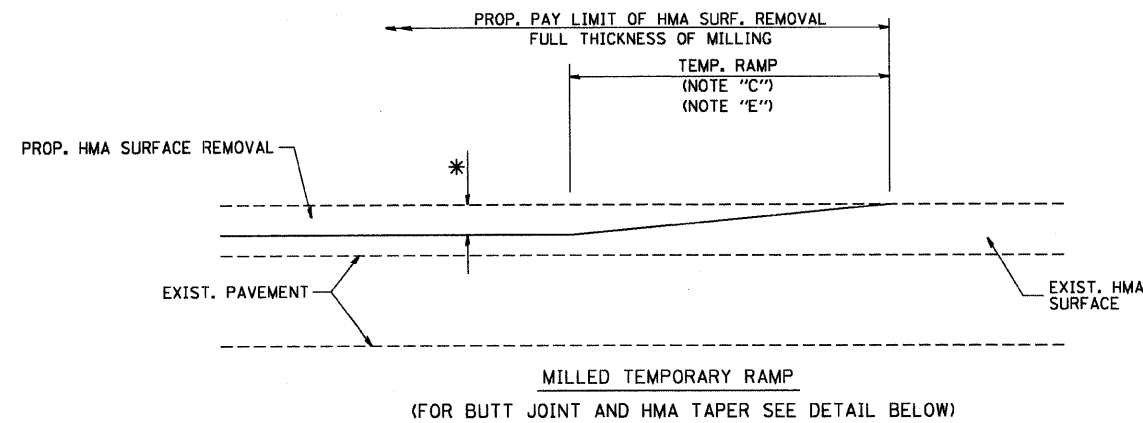
**CITY OF COUNTRY CLUB HILLS, ILLINOIS**  
**FAU 1705 173RD STREET**  
**RESURFACING**

**RESURFACING PLAN**  
 SCALE: 1"=50'  
 STA. 5+00 TO STA. 23+50

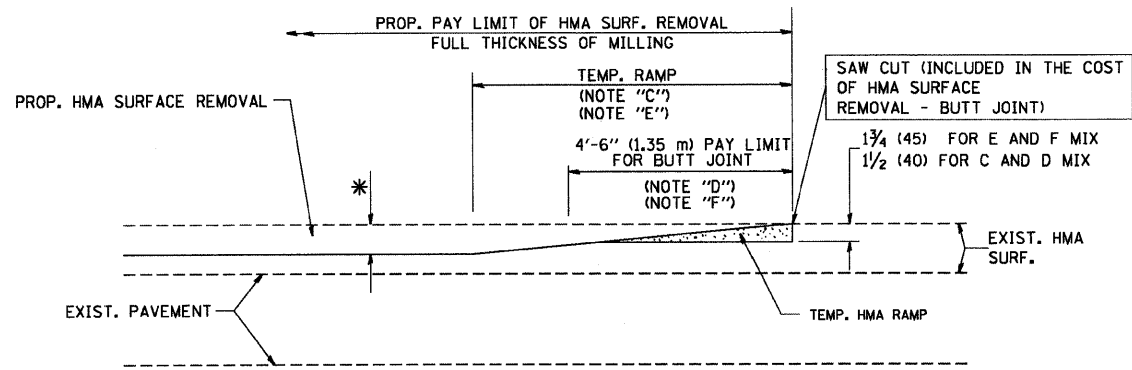
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	09-00034-00-RS	COOK	8	5
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63315	
			ARA-900315251	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00034-00-RS		COOK	8	6
STA.		TO STA.		
FED. ROAD DIST. NO	ILLINOIS	FED AID PROJECT		
C-91-740-09		ARA-9003(525)		

\*FAU 1705 173RD STREET  
CONTRACT NO. 63315

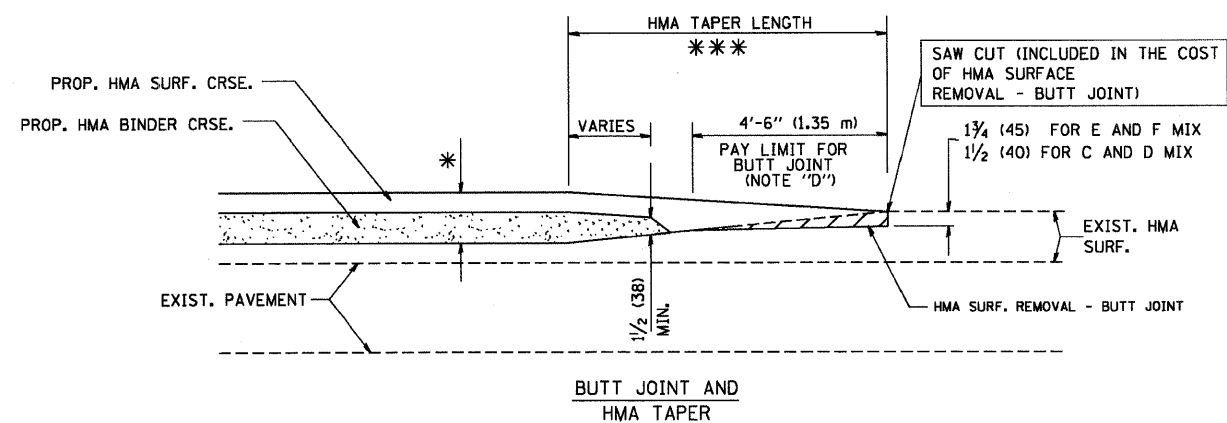


**OPTION 1**  
MILLED TEMPORARY RAMP  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

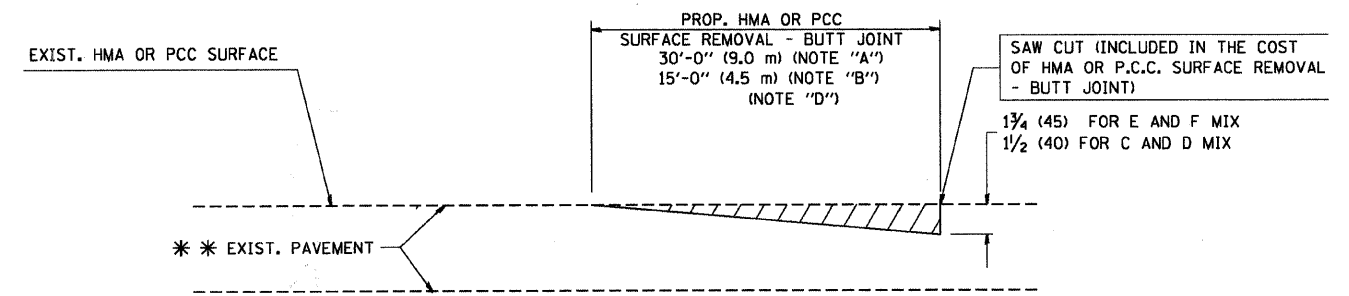


**OPTION 2**  
HMA CONSTRUCTED TEMPORARY RAMP  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

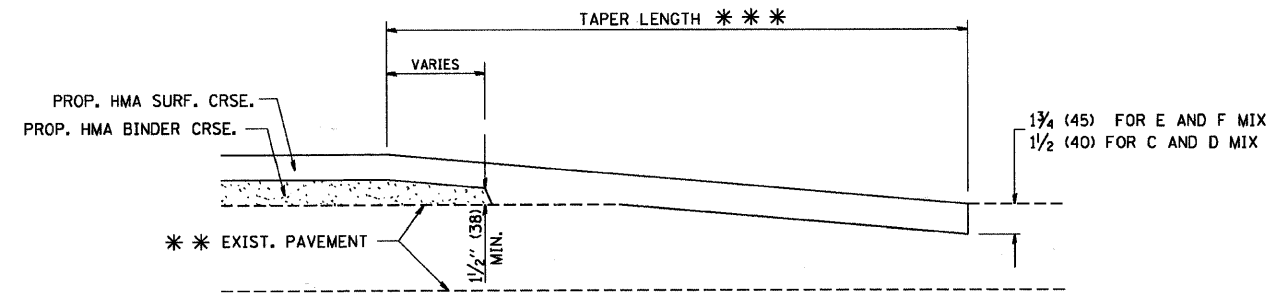
**OPTION 2**  
TYPICAL TEMPORARY RAMP



**TYPICAL BUTT JOINT AND HMA TAPER**  
FOR MILLING AND RESURFACING



**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.

FILE NAME =	USER NAME = goglianobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
W:\distatd\22x34\bd32.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000' / 1 IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

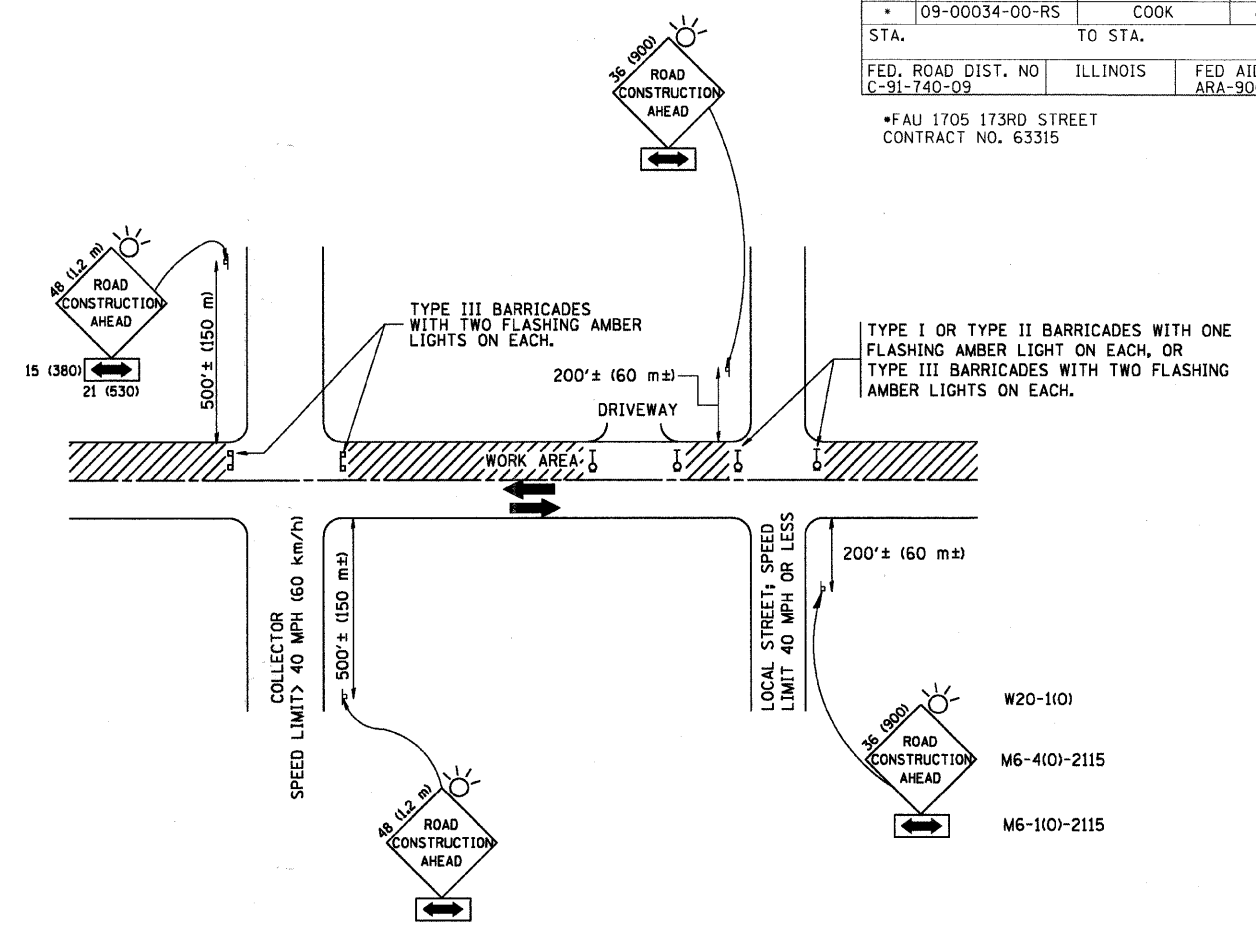
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>BUTT JOINT AND HMA TAPER DETAILS</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE		09-00034-00-RS		COOK	8	6
SHEET NO. 1 OF 1 SHEETS		STA.		TO STA.		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00034-00-RS		COOK	8	6
BD400-05 BD32		CONTRACT NO. 63315		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* 09-00034-00-RS		COOK	8	7
STA.	TO STA.			
FED. ROAD DIST. NO. C-91-740-09	ILLINOIS	FED AID PROJECT ARA-9003(525)		

\*FAU 1705 173RD STREET  
CONTRACT NO. 63315



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

#### NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS**
- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - ONE **ROAD CONSTRUCTION AHEAD** SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
    - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
  - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - ONE **ROAD CONSTRUCTION AHEAD** SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
    - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
  - WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:**
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.**
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.**

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

FILE NAME = W:\diststd\22x34\vol18.dgn	USER NAME = goglianob	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50,000 / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

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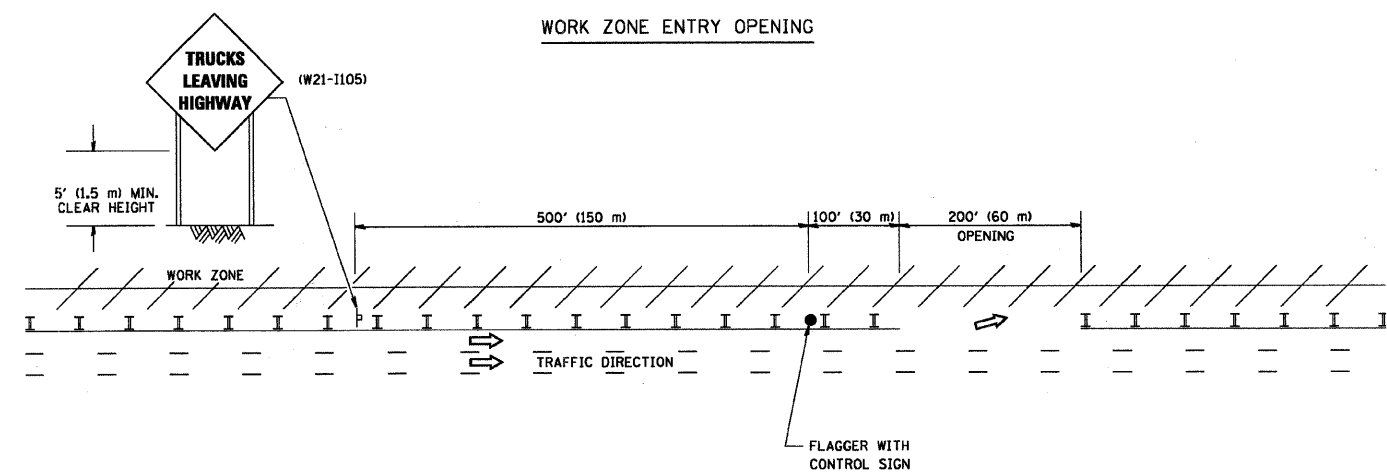
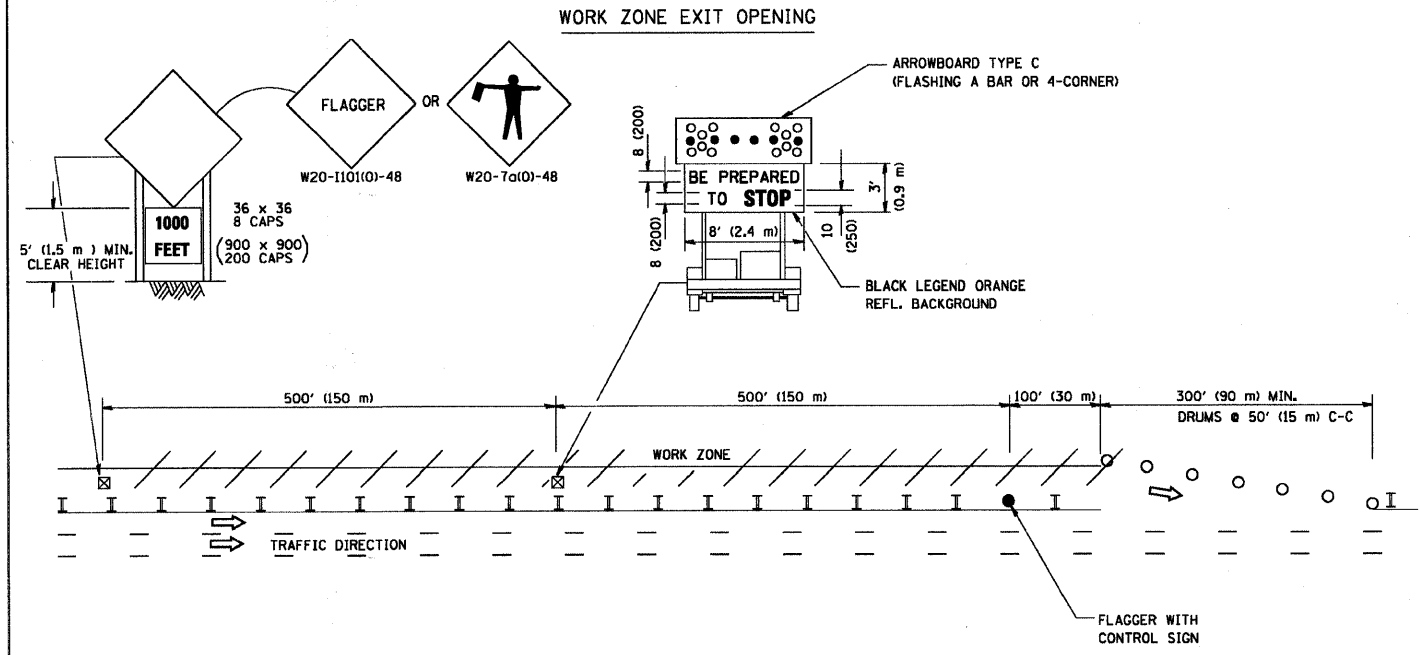
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* 09-00034-00-RS		COOK	8	7
TC-10		CONTRACT NO. 63315		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00034-00-RS		COOK	8	8
STA.		TO STA.		
FED. ROAD DIST. NO	ILLINOIS	FED AID PROJECT ARA-9003(525)		
C-91-740-09				

FAU 1705 173RD STREET  
CONTRACT NO. 63315

### SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS



- NOTES:
1. The Arrowboard, the Flagger Ahead trailer mounted sign, and the Trucks Leaving Highway sign shall be removed or turned away from traffic and the exit and entry openings shall be closed when the flagging operation ceases.
  2. Work Zone Exit Openings should be a minimum of one half mile apart.
  3. Exiting the work zone at any place other than at a Work Zone Exit Opening will be prohibited.
  4. All vehicles shall enter the work zone at entry openings, using their turn signals to warn motorists

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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FILE NAME - BAXTER	USER NAME = gegljanobt	DESIGNED -	REVISED - D.W.S. 08-98
W:\distatd\22...		DRAWN -	REVISED - J.A.F. 04-03
	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED - J.A.F. 02-06
	PLOT DATE = 1/4/2008	DATE -	REVISED - S.P.B. 01-07

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
09-00034-00-RS		COOK	8	8
TC-18		CONTRACT NO. 63315		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		