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01-18-2019 LETTING ITEM 098

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

IL-83 : SPEED LIMIT: 45MPH EXISTING 2017 ADT: 56,800

IMPROVEMENT IS LOCATED
IN VILLAGE OF WILLOWBROOK
AND CITY OF DARIEN

# PROPOSED HIGHWAY PLANS

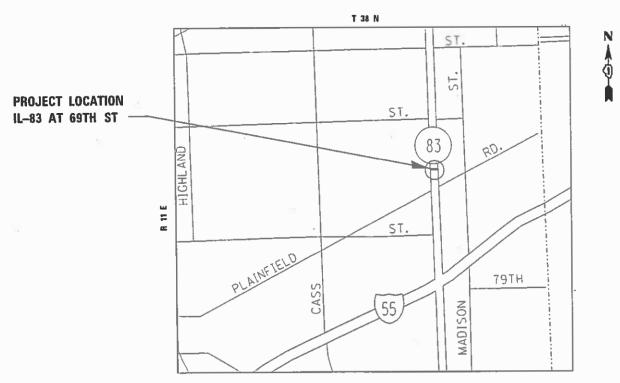
FAP ROUTE 344 (IL-83) AT 67TH ST. TO PLAINFIELD RD.

2018-054-DR

STORM SEWER (NEW)

DUPAGE COUNTY

C-91-282-18



PROJECT ENGINEER: J. ALAIN MIDY (847) 221-3056 PROJECT MANAGER: FAWAD AQUEEL (847) 705-4247

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

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION

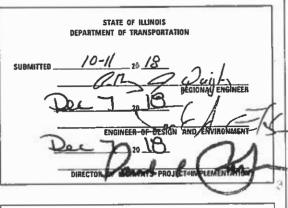
CONTRACT NO. 62G95

1-800-892-0123

OR 811

**DOWNERS GROVE TOWNSHIP** 

GROSS LENGTH = 250 FT. = 0.047 MILE NET LENGTH = 250 FT. = 0.047 MILE 



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### INDEX OF SHEETS

- TITLE SHEET
- INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES
- SUMMARY OF QUANTITIES
- ALIGNMENT & TIE SHEET
- EXISITING AND PROPOSED DRAINAGE PLAN
- PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)
- TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
- ARTERIAL ROAD INFORMATION SIGN (TC-22)
- CROSS-SECTIONS

### GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
- 2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, AND THE VILLAGE OF WILLOWBROOK.
- 3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847)705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 6. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- 7. BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(B, C) OF THE SSRBC WILL NOT BE ALLOWED.
- 8. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

MIXTURE REQUIREMENTS		QUALITY MANAGEMENT				
MIXTURE USES	VOIDS © Ndes	PROGRAM (QMP)				
PATCHING		<b>'</b>				
CLASS D PATCHES (HMA BINDER, IL-19.0 mm)	4% AT 70 GYR.	QC/QA				
QMP Designation: Quality Control/Quality Assurance (QC/QA); Quality Cor	itrol for Performance (Q	CP); PAY FOR PERFORMANCE (PFP)				

# HIGHWAY STANTARDS

442201-03	CLASS C AND D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLATED END SECTION
604036-03	GRATE TYPE 8
701101-05	OFF ROAD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" FROM PAVEMENT EDGE.
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN

701701-10 URBAN LANE CLOSURE. MULTILANE INTERSECTION

701901-08 TRAFFIC CONTROL DEVICES

#### **NOTE:**

SCALE:

- 1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ. YD. / IN.
- 2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS / SBR PG 76 -22" AND FOR NON POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
- 3. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
- 4. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

DUPAGE 10 2

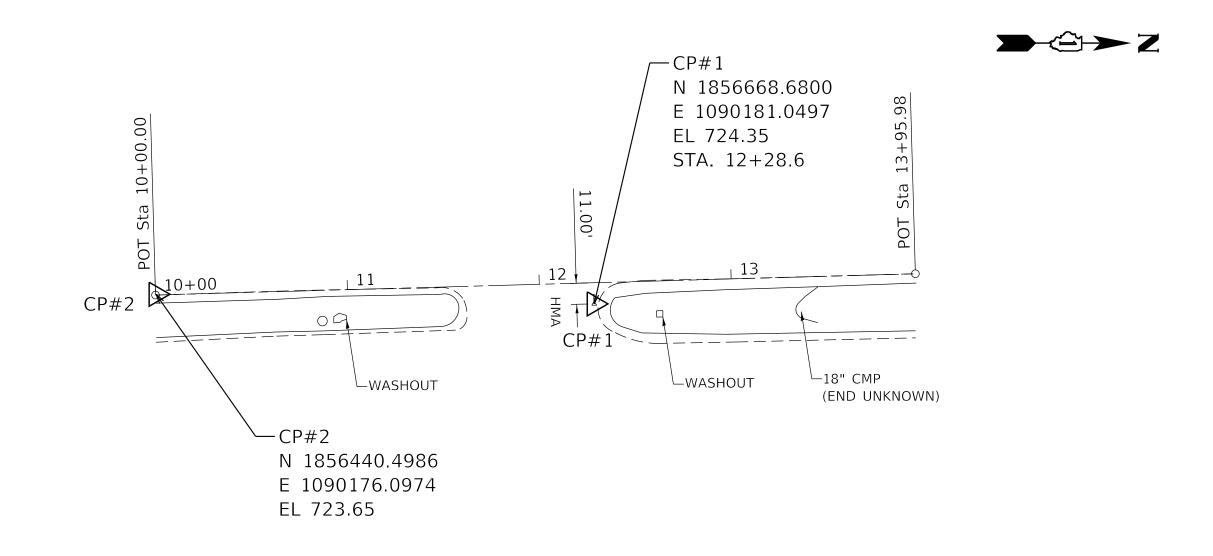
REV. - MS

REVISED FILE NAME = DESIGNED USER NAME = hemj DRAWN REVISED c:\pw\_work\pwidot\hemj\d0566106\D135718-sht-drain.dgn REVISED CHECKED -PLOT SCALE = 50.0000 '/ in. Default DATE REVISED -PLOT DATE = 10/19/2018

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION IL 83 (KINGERY HWY), 67TH ST. TO PLAINFIELD RD. INDEX OF SHEETS SHEET SHEETS STA. TO STA.

SECTION 2018-054-DR CONTRACT NO. 62G95 ILLINOIS FED. AID PROJECT

				100% STATE								100% STATE				
ſ		SUMMARY OF QUANTITIES		URBAN		CONSTRUCTION	N TYPE CODE		_	SUMMARY OF QUANTITIES		URBAN		CONSTRUCTION	I TYPE CODE	
	CODE NO	ITEM	UNIT	TOTAL	0044				CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0044			
	20200100	EARTH EXCAVATION	CU YD	127	127				66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION	LSUM	1	1			
										PLAN						
I I I	20800150	TRENCH BACKFILL	CU YD	36	36											
									66901002	ON-SITE MONITORING OF REGULATED	CAL DA	10	10			
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	121	121					SUBSTANCES						
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	234	234				66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION	LSUM	1	1			
										REPORT						
	25000210	SEEDING, CLASS 2A	ACRE	0.05	0.05											
   	05100670	FDOCION CONTROL DI ANNET	50 VD	074	074				67100100	MOBILIZATION	L SUM	1	1			
	25100630	EROSION CONTROL BLANKET	SQ YD	234	234				70102630	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1			
	44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	9. 9	9. 9					STANDARD 701601						
	54213663	PRECAST REINFORCED CONCRETE FLARED END	EACH	1	1				70102635	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1			
		SECTIONS 18"								STANDARD 701701						
	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	247	247				72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	31. 25	31. 25			
	55100900	STORM SEWER REMOVAL 18"	FOOT	247	247				72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	31. 25	31. 25			
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE  8 GRATE	EACH	1	1				X1200075	GRATING FOR CONCRETE FLARED END SECTION 18"	EACH	1	1			
	60500050	REMOVING CATCH BASINS	EACH	1	1				X2020110	GRADING AND SHAPING SHOULDERS	UNIT	4	4			
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	127	127				Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1				Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	51.4	51.4			
																REV MS
	ILE NAME = :\pw_work\pwidot\hemj		SIGNED -		REVISED -		' •	STATE OF	ILLINOIS	IL 83 (KINGERY HWY),			F.A.I RTE 344			
		PLOT SCALE = 50.0000 ' / In. CHE PLOT DATE = 10/22/2018 DA	ECKED - TE -		REVISED -				TRANSPORTA <sup>®</sup>		Y OF QUANTIT			·		T NO. 62G95
_										SPECIALTY ITEMS A NO	N-PARTICIP	ATING ITEMS				REV. 11/27/18

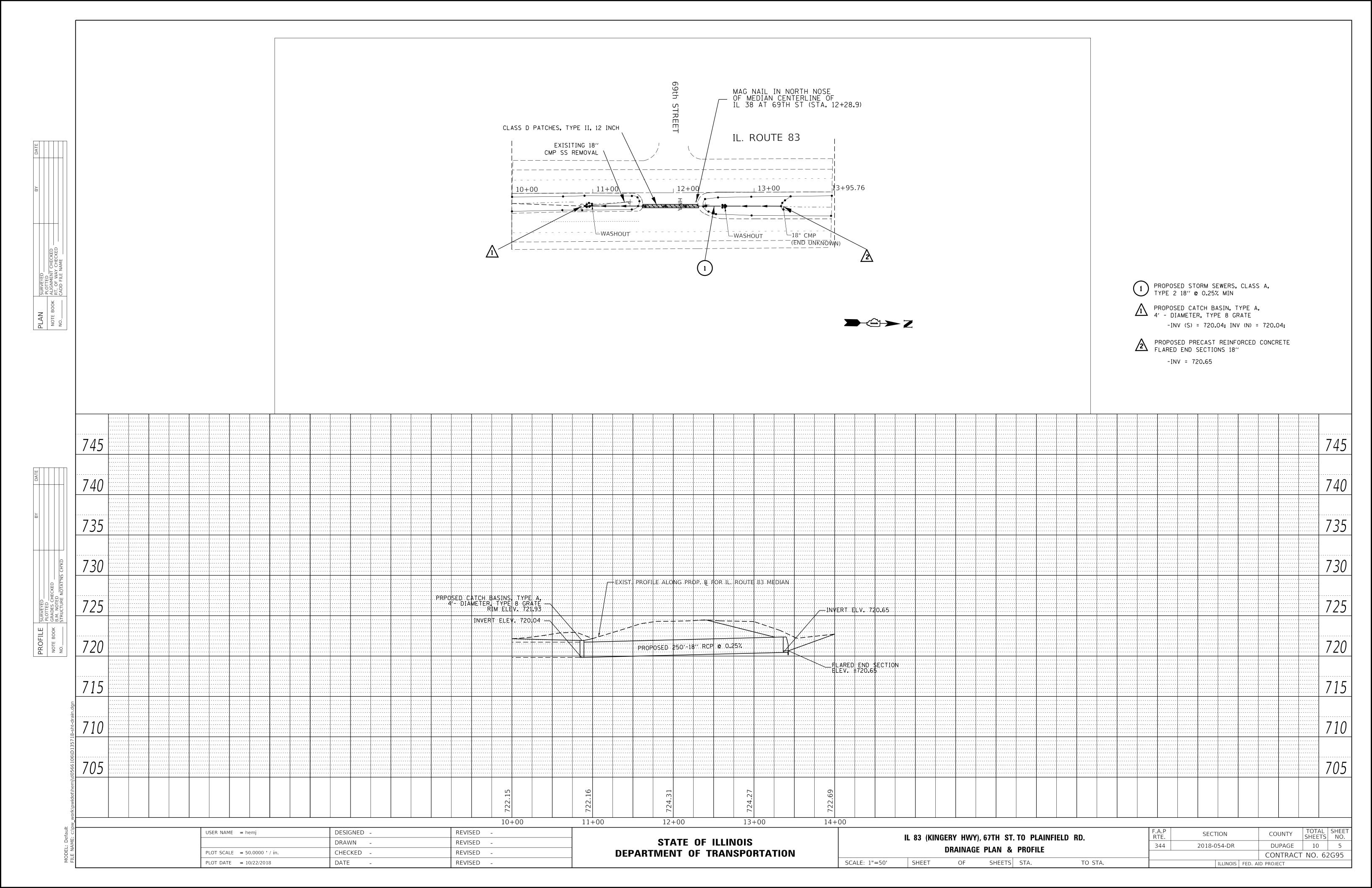


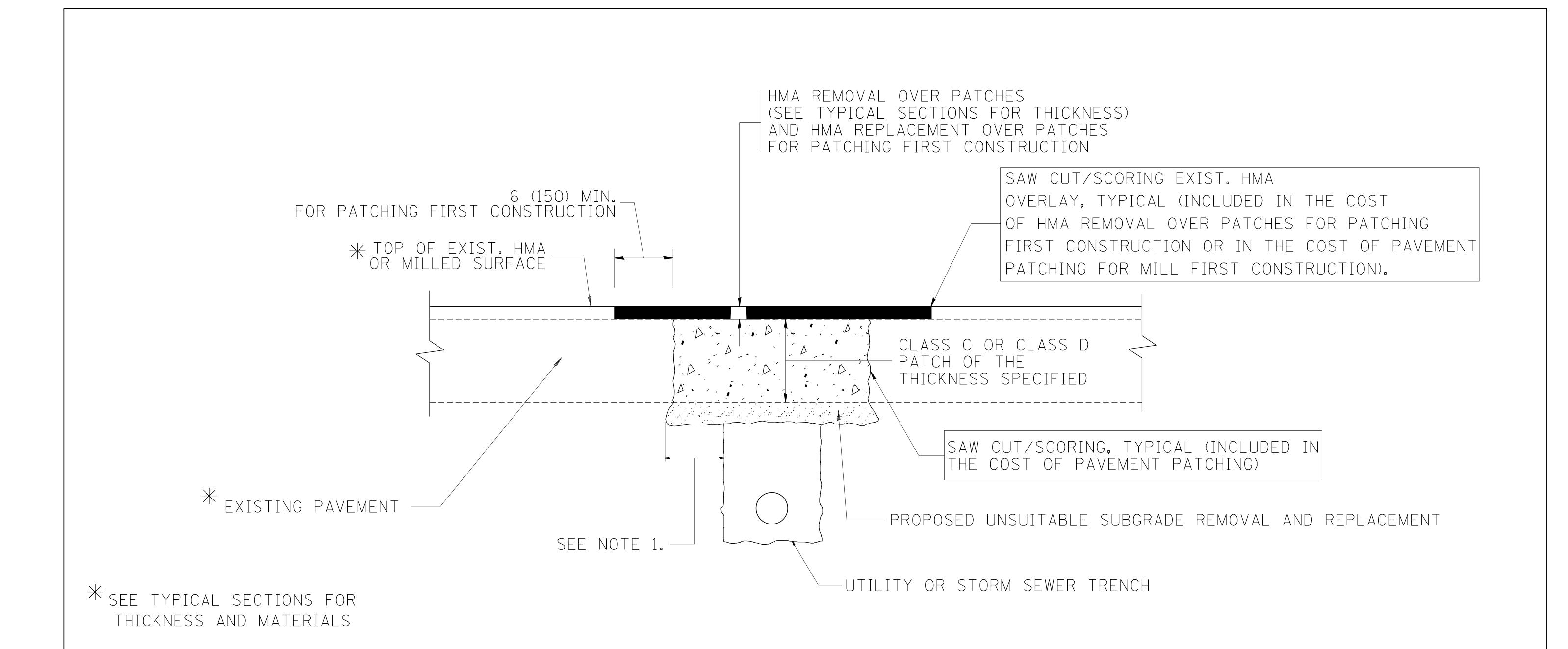


OF IL 83 @ 69th ST. EL. 724.35

#1 - MAG NAIL IN NORTH NOSE OF MEDIAN CENTERLINE IL. ROUTE 83

FILE NAME =	USER NAME = hemj	DESIGNED -	REVISED -			IL 83 (KINGERY HWY), 67TH ST. TO PLAINFIELD	מח	F.A.P RTF	SECTION	COUNTY TOTAL SHEET
c:\pw_work\pwidot\hemj\d0566106\D1357	l8-sht-draın.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS		·		344	2018-054-DR	DUPAGE 10 4
	PLOT SCALE = 50.0000 ' / 1n.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		ALIGNMENT & TIE SHEET				CONTRACT NO. 62G95
Default	PLOT DATE = 10/22/2018	DATE -	REVISED -		SCALE:	SHEET OF SHEETS STA.	TO STA.		ILLINOIS FEE	. AID PROJECT





#### NOTES:

- 1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
- 2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION 'PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL'.

#### SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

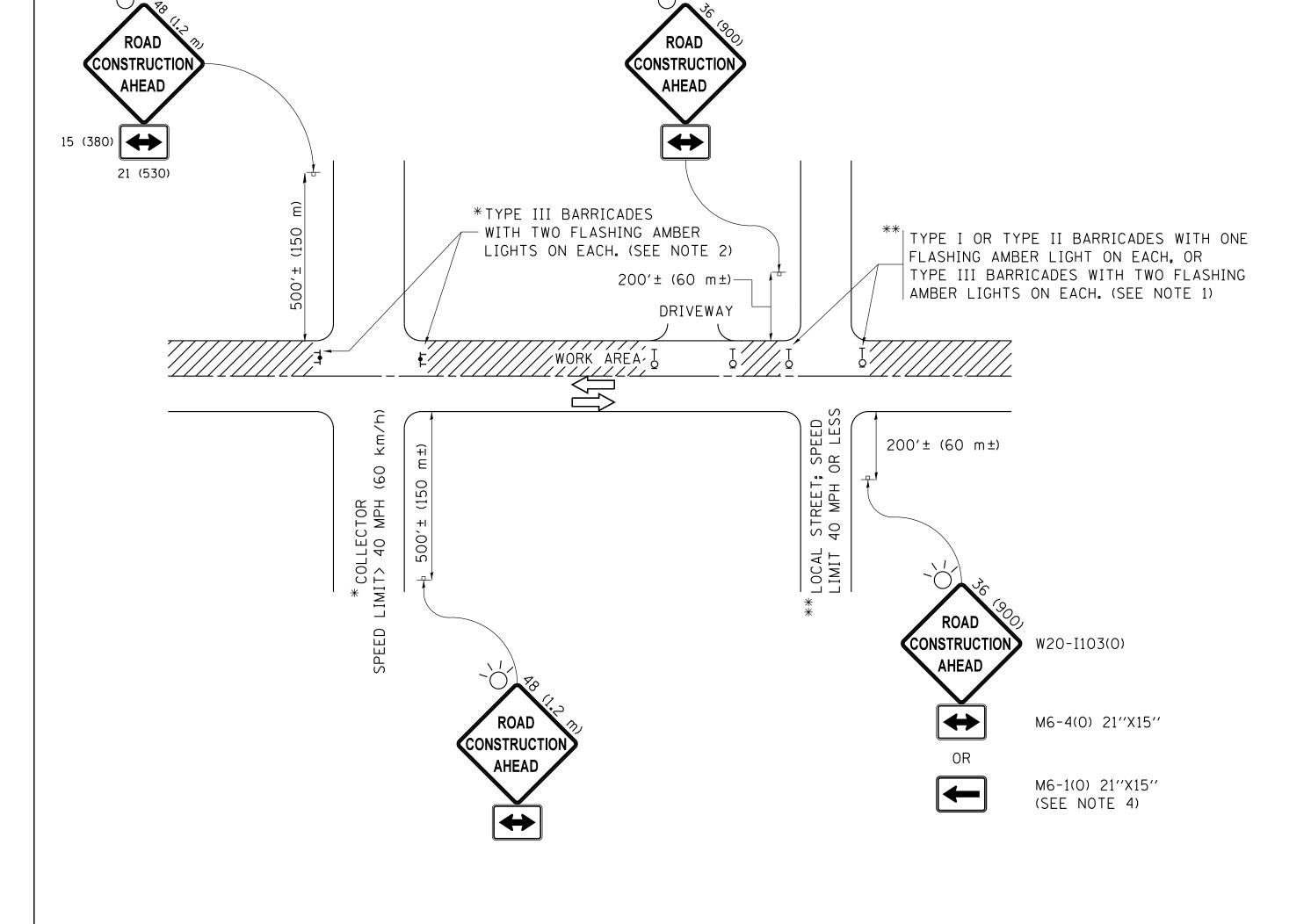
#### SEQUENCE OF CONSTRUCTION (MILLING FIRST)

- 1. MILL HMA FIRST IF THERE IS AT LEAST  $4/_2$  INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
- 2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

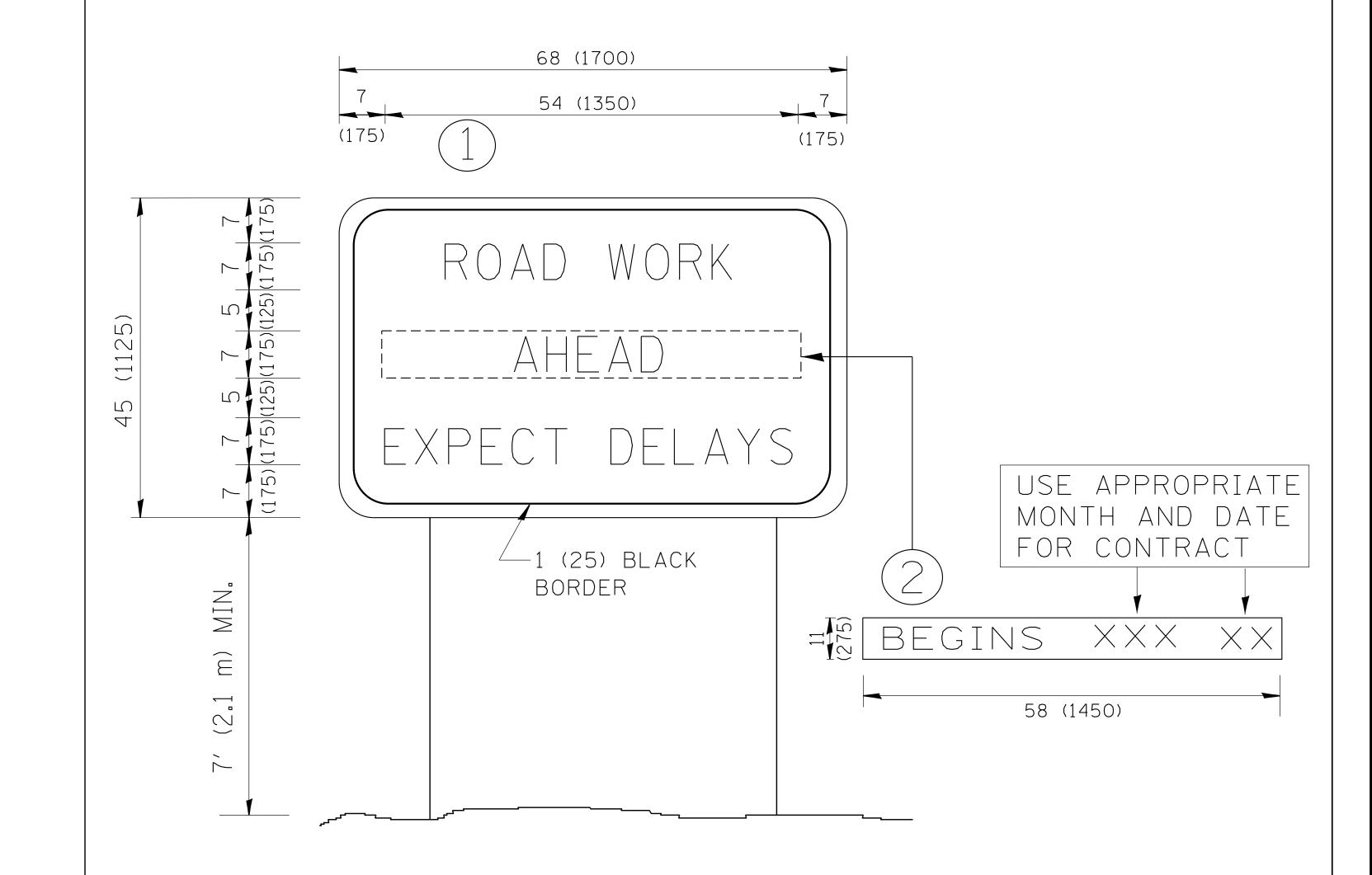
FILE NAME =	USER NAME = hemj	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98			PAVEMENT PATCHING FOR		RTF	SECTION	COUNTY	SHEET NO.
c:\pw_work\pw1dot\hemj\d0566106\D135718-	sht-draın.dgn	DRAWN -	REVISED - R. BORO 01-01-07	STATE OF ILLINOIS				344	2018-054-DR	DUPAGE	10 6
	PLOT SCALE = 50.0000 '/ 1n.	CHECKED -	REVISED - R. BORO 09-04-07	DEPARTMENT OF TRANSPORTATION		HMA SURFACED PAVEMENT		BD	)400–04 (BD–22)	CONTRACT	NO. 62G95
	PLOT DATE = 10/19/2018	DATE - 10-25-94	REVISED - K. ENG 10-27-08		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA.		TO STA.	FED. ROAD	· · · · · · · · · · · · · · · · · · ·	AID PROJECT	

CHECKED -	REVISED - A. SCHUETZE 07-01-13	DEPARTMENT OF TRANSPORTATION	SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS	TC-10	CONTRACT NO. 62G95
DRAWN -	REVISED -T. RAMMACHER 01-06-00	STATE OF ILLINOIS		344 2018-054-DR	DUPAGE 10 7
DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96		TRAFFIC CONTROL AND PROTECTION FOR	F.A.P. SECTION	COUNTY TOTAL SHEET NO.
<b>-</b>			BLOCKING WOF THE CLO  3. CONES MAY BE SI SPACING DURING IN HEIGHT.  4. WHEN THE SIDE R SIGNING AND THE BE USED IN LIEU  DESIGNED - L.H.A. REVISED - A. HOUSEH 10-15-96	4. 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).  DESIGNED - L.H.A. REVISED - A. HOUSEH 10-15-96  TRAFFIC CONTROL AND PROTECTION FOR	BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.  3. 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.  4. 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).  All dimensions are unless ofherwise s  DESIGNED - L.H.A. REVISED - A. HOUSEH 10-15-96



#### **NOTES:**

- 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 MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48  $\times$  48 (1.2 m  $\times$  1.2 m) WITH A
- 5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY. FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- 6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- 7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS. INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



### NOTES:

- 1. USE BLACK LETTERING ON ORANGE BACKGROUND.
- 2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
- 3. ERECT SIGN 1) WITH INSTALLED PANEL 2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
- 4. REMOVE PANEL 2) SOON AFTER THE START OF CONSTRUCTION.
- 5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
- 6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
- 7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

FILE NAME =	USER NAME = hemj	DESIGNED -	REVISED - R. MIRS 09-15-97			ARTERIAL ROAD		F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\pwidot\hemj\d0566106\D135718	3-sht-draın.dgn	DRAWN -	REVISED - R. MIRS 12-11-97	STATE OF ILLINOIS		INFORMATION SIGN		344	2018-054-DR	DUPAGE	10	8
	PLOT SCALE = 50.0000 '/ in.	CHECKED -	REVISED -T. RAMMACHER 02-02-99	DEPARTMENT OF TRANSPORTATION					TC-22	CONTRAC	T NO.	2G95د
	PLOT DATE = 10/22/2018	DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA.	TO STA.	FED. ROAD	DIST. NO. 1   ILLINOIS FED	. AID PROJECT		

