

PRE-STAGE 1 (NOT ILLUSTRATED)

1. SET-UP DETOUR AND CLOSE ESSINGTON ROAD AT THE CULVERT CROSSING.
2. REMOVE THE EXISTING PIPE CULVERTS AND CONSTRUCT THE NEW BOX CULVERTS AND CONCRETE CHANNEL WIDENING. ALL COMPENSATORY STORAGE EXCAVATION MUST BE COMPLETED PRIOR TO ANY FILLING WITHIN THE FLOODPLAIN.
3. PRIOR TO RE-OPENING ESSINGTON ROAD, PLACE ALL CONSTRUCTION SIGNS, TEMPORARY PAVEMENT MARKINGS, AND BARRICADES AS SHOWN FOR STAGE 1.
4. INSTALL AND ACTIVATE TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTION OF HENNEPIN DRIVE AND ESSINGTON ROAD. (NOTE: THE EXISTING SIGNALS SHALL BE TURNED OFF AT THE SAME TIME THE TEMPORARY SIGNALS ARE ACTIVATED.)
5. REMOVE EXISTING SIGNAL POLES AND EQUIPMENT.
6. INSTALL AND ACTIVATE TEMPORARY LIGHTING. NO OTHER WORK SHALL BE ALLOWED UNTIL THIS WORK IS COMPLETE, UNLESS APPROVED BY THE ENGINEER.

STAGE 1

1. PLACE ALL CONSTRUCTION SIGNS, TEMPORARY PAVEMENT MARKINGS, AND BARRICADES. ADJUST TEMPORARY TRAFFIC SIGNALS AND SHIFT TRAFFIC AS INDICATED.
2. CLOSE EAST DRIVEWAY TO MOVIE THEATER.
3. REMOVE ALL CURB AND GUTTER, SIDEWALKS, AND ENTRANCES OUTSIDE THE EXISTING EDGES OF PAVEMENT.
4. CONSTRUCT STORM SEWERS AND DRAINAGE STRUCTURES OUTSIDE EXISTING EDGES OF PAVEMENT.
5. CONSTRUCT PROPOSED AGGREGATE SUBGRADE.
6. CONSTRUCT ALL CURB AND GUTTER, SIDEWALK, AND ENTRANCES OUTSIDE THE PROPOSED EDGES OF PAVEMENT. DAILY LANE CLOSURES, WHEN REQUIRED, SHALL BE IN ACCORDANCE WITH I.D.O.T. STANDARD 701606 OR 701701.
7. MILL THE EXISTING SURFACE ON HENNEPIN DRIVE, ESSINGTON ROAD, AND MALL LOOP DRIVE.
8. PLACE LEVELING BINDER AND BINDER COURSE ACROSS ALL LANES REQUIRED FOR STAGE 2 TRAFFIC, MAINTAINING TRAFFIC PER STANDARD 701606 OR 701701.

STAGE 2

1. PLACE ALL CONSTRUCTION SIGNS, TEMPORARY PAVEMENT MARKINGS, AND BARRICADES. ADJUST TEMPORARY TRAFFIC SIGNALS AND SHIFT TRAFFIC AS INDICATED.
2. REMOVE PAVEMENT ON HENNEPIN DRIVE WITHIN PROPOSED MEDIAN.
3. CONSTRUCT PROPOSED MEDIAN ON HENNEPIN DRIVE.
4. COMPLETE ALL LANDSCAPING.
5. PLACE HMA SURFACE COURSE THROUGHOUT PROJECT LIMITS. DAILY LANE CLOSURES SHALL BE IN ACCORDANCE WITH I.D.O.T. STANDARD 701606 OR 701701.
6. PLACE ALL PERMANENT PAVEMENT MARKINGS.

POST-STAGE 2 (NOT ILLUSTRATED)

1. REMOVE TEMPORARY TRAFFIC SIGNALS AND INSTALL AND ACTIVATE PERMANENT TRAFFIC SIGNALS AT THE INTERSECTION OF HENNEPIN DRIVE AND ESSINGTON ROAD AND AT THE MALL LOOP DRIVE. (NOTE: THE TEMPORARY SIGNALS SHALL BE TURNED OFF AT THE SAME TIME THE PERMANENT SIGNALS ARE ACTIVATED).
2. REMOVE CONSTRUCTION SIGNS AND OPEN ALL LANES TO TRAFFIC.

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. TRAFFIC CONTROL DEPICTED IN THESE PLANS AND THE APPLICABLE I.D.O.T. DETAILS AND STANDARDS ARE THE MINIMUM REQUIREMENTS. OTHER WORK OR SIGNING MAY BE REQUIRED BY THE ENGINEER. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, DIVISION 700; APPLICABLE GUIDELINES IN THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; AND APPLICABLE HIGHWAY STANDARDS FOR TRAFFIC CONTROL, UNLESS HEREIN REVISED.
2. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
3. ALL CONSTRUCTION SIGNS SHALL HAVE FLUORESCENT ORANGE BACKGROUNDS.
4. ALL SIGNS SHALL BE MOUNTED ON METAL POSTS, 7 FEET ABOVE THE EXISTING GROUND AND DRIVEN A MINIMUM OF 3 FEET INTO THE GROUND. A J.U.L.I.E. LOCATE SHALL BE PERFORMED PRIOR TO THE INSTALLATION OF THE POSTS.
5. BARRICADES WILL BE REQUIRED ADJACENT TO PAVEMENT EDGES WHERE WIDENING, CURB AND GUTTER OR OVERLAYING WORK IS BEING DONE, AS SPECIFIED IN SECTION 701 OF THE STANDARD SPECIFICATIONS, EXCEPT THAT THE BARRICADES SHALL BE TYPE II OR DRUMS, NON-METALLIC WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS. SPACING SHALL BE AS SHOWN ON THE CONSTRUCTION STAGING PLANS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOPS OF THE BARRICADES ARE IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF STANDARD 701901.
6. ALL BARRICADES AT LANE DIVERSIONS WITHIN TAPER SECTIONS SHALL HAVE DIRECTION INDICATOR PANELS.
7. TYPE II BARRICADES OR DRUMS EQUIPPED WITH ONE-WAY FLASHING LIGHTS WILL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER STRUCTURES, AND AT ANY OTHER LOCATIONS DESIGNATED BY THE ENGINEER OR LAW ENFORCEMENT AGENCIES. BARRICADES SHALL BE PLACED AT 50' CENTERS ALONG TANGENTS, 25' ALONG TAPERS AND 10' AROUND RADII.
8. TYPE II BARRICADES AND DRUMS SHALL HAVE ALTERNATING REFLECTORIZED TYPE AA OR TYPE AP FLUORESCENT ORANGE AND REFLECTORIZED WHITE HORIZONTAL, CIRCUMFERENTIAL STRIPES.
9. DRUMS AND BARRICADES SHALL MEET THE REQUIREMENTS OF THE NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM (NCHRP) REPORT 350.
10. TYPE III BARRICADES ARE TO BE PLACED IN ACCORDANCE WITH STANDARD 701901 UNLESS AUTHORIZED BY THE ENGINEER TO USE AN ALTERNATE ARRANGEMENT.
11. THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY STAGE CHANGE AT LEAST TWO WEEKS IN ADVANCE OF THE CHANGE.
12. EXISTING TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE REMOVED OR RELOCATED BY THE CONTRACTOR AFTER THE TRAFFIC CONTROL REQUIREMENTS ARE MET OR AS AUTHORIZED BY THE ENGINEER; ANY SIGNS OR DEVICES LEFT IN PLACE ARE TO BE PROTECTED FROM DAMAGE AND MAINTAINED.
13. THE FIRST WARNING SIGNS IN EACH DIRECTION OF TRAVEL SHALL BE EQUIPPED WITH MONO-DIRECTIONAL AMBER FLASHING LIGHTS DURING HOURS OF DARKNESS. FLAGS ARE OPTIONAL.
14. EXISTING TRAFFIC CONTROL DEVICES ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. ANY DAMAGE CAUSED BY HIS WORK SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
15. TEMPORARY LANE CLOSURES WILL BE ALLOWED ONLY BETWEEN THE HOURS OF 9:00 A.M. AND 3:00 P.M., WITH TRAFFIC MAINTAINED IN ACCORDANCE WITH STANDARD 701606 OR 701701 UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
16. "WORKERS" SIGNS SHALL ONLY BE ERECTED WHEN WORKERS ARE PRESENT. SIGN MUST BE COVERED OR REMOVED WHEN NO WORKERS ARE PRESENT.
17. "FRESH OIL" SIGNS (W21-2-4848) WITH DATE SIGNS SHALL BE ERECTED 48 HOURS PRIOR TO PRIMING. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION".
18. THE CONTRACTOR SHALL ERECT TEMPORARY STREET NAME SIGNS ON METAL POSTS THROUGHOUT CONSTRUCTION TO THE SATISFACTION OF THE ENGINEER. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION".

19. TEMPORARY PAVEMENT MARKING TAPE SHALL BE USED ON ALL SURFACES OUTSIDE OF THE RESURFACING LIMITS. THIS WORK SHALL BE PAID FOR AS "TEMPORARY PAVEMENT MARKING TAPE, TYPE III" OF THE SIZE SPECIFIED.

20. ARROW BOARDS WILL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES, AND SHALL BE INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION".

21. THE COST OF SUPPLYING, ERECTING, AND MAINTAINING BARRICADES, DRUMS, WARNING LIGHTS, AND SIGNS SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION". QUANTITIES FOR SHORT-TERM PAVEMENT MARKINGS, TEMPORARY PAVEMENT MARKINGS, AND WORK ZONE PAVEMENT MARKING REMOVAL ARE NOT INCLUDED IN THE ITEM "TRAFFIC CONTROL AND PROTECTION" AND SHALL BE MEASURED SEPARATELY FOR PAYMENT.

22. A QUANTITY FOR "CHANGEABLE MESSAGE SIGN" HAS BEEN INCLUDED FOR USE WHEN DIRECTED BY THE ENGINEER.

23. ACCESS TO PROPERTIES SHALL BE MAINTAINED AT ALL TIMES BY STAGE CONSTRUCTING THE IMPROVEMENTS IN FRONT OF ENTRANCES. A QUANTITY FOR "TEMPORARY INFORMATION SIGNING" HAS BEEN INCLUDED FOR USE WHEN DIRECTED BY THE ENGINEER TO PROVIDE GUIDANCE SIGNS WHEN A DRIVEWAY MUST BE CLOSED TEMPORARILY FOR CONSTRUCTION OF THE DRIVEWAY APRON. PROPERTIES WITH MULTIPLE ENTRANCES SHALL ONLY HAVE ONE ENTRANCE CLOSED AT A TIME.

24. A QUANTITY OF ONE "AGGREGATE FOR TEMPORARY ACCESS (ROAD)" HAS BEEN INCLUDED FOR USE IN PROVIDING PEDESTRIAN ACCESS ACROSS THE WIDENING AT THE INTERSECTION OF HENNEPIN DRIVE AND ESSINGTON ROAD.

25. ALL INTERSECTING STREETS SHALL BE KEPT OPEN TO TRAFFIC, AS DIRECTED BY THE ENGINEER.

FILE NAME =	USER NAME =	DESIGNED BLG/KRK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC GENERAL NOTES ESSINGTON ROAD AT HENNEPIN DRIVE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN BLG/KRK	REVISED -			0326	06-00130-00-CH	WILL	116	23	
		CHECKED DJK	REVISED -			CONTRACT NO. 63185					
		DATE 5-29-09	REVISED -			SCALE:	SHEET NO. 1 OF 3 SHEETS	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT M-8003(654)	