CONSTRUCTION SEQUENCE: INSTALL EROSION CONTROL

- CLEAR AND RELOCATE ALL CONFLICTING UTILITIES
- REMOVE AND CLEAR ALL TREES AS SHOW ON THE REMOVAL PLAN.
- CONSTRUCT TEMPORARY PAVEMENT ON N. SIDE OF MCDONALD ROAD NECESSARY FOR STAGES 24 AND 2B.
- PREPARE SUBBASE FOR STEARNS ROAD STA. 460+50 TO STA. 508+40.
- INSTALL RETAINING WALL.
- INSTALL STORM SEWER, RELOCATE/INSTALL FIRE HYDRANTS, WATERMAIN EXTENSION, AND CASING PIPE.
- CONSTRUCT DETENTION POND.

MAINTENANCE OF TRAFFIC:

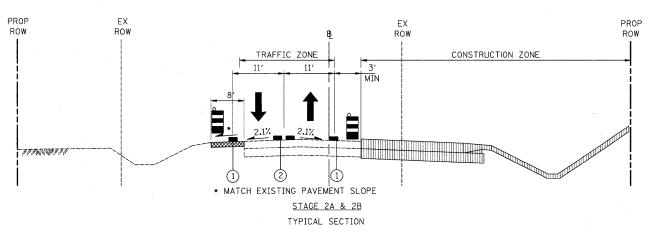
MAINTAIN TRAFFIC ON EXISTING PAVEMENT USING OFF-ROAD CONSTRUCTION STANDARDS.

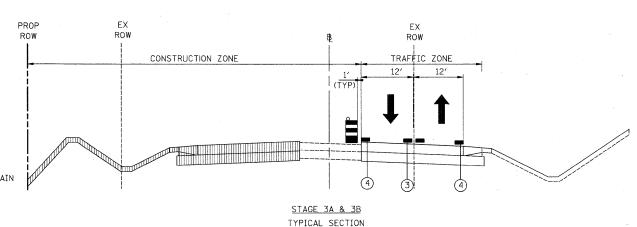
STAGE 2A & 2B CONSTRUCTION SEQUENCE:

- 1. INSTALL C&G, PCC & HMA PAVEMENTS, PCC AND AGGREGATE SHOULDERS FOR LIMITS SHOWN.
- 2. GRADE AND SHAPE DITCHES AND SWALES.
- INSTALL TEMPORARY PAVEMENT FOR LAFARGE ENTRANCE IN IN STAGE 2A, MOVE TRAFFIC TO TEMP. PAVEMENT AND COMPLETE GAPPED SECTIONS OF STEARNS ROAD IN 2B.

MAINTENANCE OF TRAFFIC:

- MAINTAIN 1 LANE OF TRAFFIC IN EACH DIRECTION ON EXISTING & TEMPORARY PÁVEMENT AS SHOWN.
- ACCESS TO THE QUARRY MUST REMAIN THROUGHOUT ALL STAGES.
- TRAFFIC ON UMBDENSTOCK ROAD WILL BE CONTROLLED BY A TEMPORARY
- SIGNAL IN STAGE 2B. MAINTAIN 1 LANE OF TRAFFIC ON BRIDGE AT ALL TIMES. THE WESTERN ENTRANCE TO JEWEL WILL BECOME RIGHT-IN RIGHT-OUT IN AND REMAIN THAT WAY THROUGH ALL STAGES OF MOT.





STAGE 3A & 3B CONSTRUCTION SEQUENCE:

- INSTALL C&G, PCC & HMA PAVEMENTS, PCC & AGGREGATE SHOULDERS FOR LIMITS SHOWN.
- GRADE AND SHAPE DITCHES, AND SWALES.

MAINTENANCE OF TRAFFIC:

- MAINTAIN 1 LANE OF TRAFFIC IN EACH DIRECTION ON EXISTING
- OR NEW PAVEMENT AS SHOWN.
- COMPLETE STAGE 3A BY USING EXISTING TEMP. SIGNAL ON BRIDGE &
- SWITCH TO STAGE 3B AS SOON AS POSSIBLE.
- ACCESS TO THE QUARRY MUST REMAIN THROUGHOUT ALL STAGES.
- THE WESTERN DRIVEWAY TO THE JEWEL SHALL BE CLOSED. THE EASTERN DRIVE SHALL BECOME AN ENTRANCE ONLY, AND MUST BE STAGED IN HALVES TO ALWAYS MAINTAIN ACCESS.

STAGE 4A & 4B

CONSTRUCTION SEQUENCE:

- COMPLETE THE REMAINING PAVEMENT & CONSTRUCT TYPE SB-6.24, CORRUGATED, & LANDSCAPED MEDIANS.
- MILL AND RESURFACE RANDALL ROAD FOR LIMITS SHOWN.
- PLACE PERMANENT PAVEMENT MARKINGS ON RANDALL ROAD, STEARNS ROAD, & UMBDENSTOCK ROAD.

- MAINTAIN ONE LANE IN EACH DIRECTION ON STEARNS ROAD BY USING NEW PAVEMENT.
- RESURFACING RANDALL ROAD TO BE DONE UNDER DAILY/TEMPORARY LANE CLOSURES.
- PAVEMENT MARKINGS TO BE DONE UNDER DAILY/TEMPORARY LANE CLOSURES.

ΕX PROP ROW ROW ROW TRAFFIC ZONE TRAFFIC ZONE CONSTRUCTION ZONE 12' 12' STAGE 4A & 4B

TYPICAL SECTION

LEGEND

PROPOSED WORK ZONE





W21-2 48"X48"

DATE XX-XX-XX TYPE II BARRIACADES OR DRUMS WITH MONO DIRECTIONAL STEADY BURN LIGHT

9"X30"

MAINTENANCE OF TRAFFIC GENERAL NOTES

1.TRAFFIC CONTROL DEPICTED IN THESE PLANS AND THE APPLICABLE IDOT 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,

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 WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS 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. 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 702001.

6.ALL BARRICADES OR DRUMS AT LANE DIVERSIONS WITHIN TAPER SECTIONS SHALL HAVE

7.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

8.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 AND THE SPECIAL PROVISION "WORK

10.TYPE III BARRICADES ARE TO BE PLACED IN ACCORDANCE WITH STANDARD 702001 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 AUTHORIZE BY THE ENGINEER: ANY SIGNS OR DEVICES LEFT IN PLACE ARE TO BE PROTECTED FROM

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 4:00 P.M., WITH TRAFFIC MAINTAINED IN ACCORDANCE WITH STANDARD 701421 OR 701501 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 ALONG ALL ROADS AND ALL CROSS STREETS. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION".

18.TEMPORARY PAVEMENT MARKING TAPE SHALL BE USED ON ALL NEW PAVEMENT SURFACES AND PAVEMENT THAT IS NOT BEING RESURFACED. THIS WORK SHALL BE PAID FOR AS "PAVEMENT MARKING TAPE, TYPE III" OF THE SIZE SPECIFIED.

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

20.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 SEPARATELY FOR PAYMENT.

21. CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN AN EQUIVALENT SIGN PANEL OF THE TYPE REMOVED BY KDOT, POST OR SKID MOUNTED, AS DIRECTED BY THE ENGINEER. THE COST OF THIS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL & PROTECTION.

- TEMPORARY PAVEMENT MARKINGS 4" (WHITE) (70300220)
- TEMPORARY PAVEMENT MARKINGS 4" (YELLOW) (70300220)
- 3 PAVEMENT MARKING TAPE, TYPE III, 4" (YELLOW) (70300520)
- PAVEMENT MARKING TAPE, TYPE III, 4" (WHITE) (70300520)

FILE NAME



CIVILTECH	USER NAME = jsm	DESIGNED ~	JSM	REVISED -	
		DRAWN -	JSM	REVISED ~	-
	PLOT SCALE = 1.00000 '/ IN.	CHECKED -	DNM	REVISED -	-
	PLOT DATE = 3/30/2009	DATE -	3/30/09	REVISED -	

KANE COUNTY **DIVISION OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC TYPICAL SECTIONS AND GENERAL NOTES SHEET NO. 1 OF 14 SHEETS STA.

SECTION COUNTY SHEETS 361 06-00214-25-BR KANF 220 CONTRACT NO. 63076 FED. ROAD DIST. NO. 1 | ILLINOIS FED. AID PROJECT