

SUGGESTED CONSTRUCTION STAGING TRAFFIC CONTROL

THE FOLLOWING SEQUENCE OF TRAFFIC CONTROL IS SUGGESTED. VARIATIONS MAY BE MADE, WITH THE APPROVAL OF THE ENGINEER, IF THE PREVAILING SITE CONDITIONS AT THE TIME OF CONSTRUCTION ALLOW.

**STAGE I
EASTBOUND**

PLACE TEMPORARY CONCRETE BARRIER TO CLOSE LEFT EASTBOUND LANE OF INTERSTATE 74 AS SHOWN ON SHEETS 25 AND 49. REDIRECT TRAFFIC TO USE REMAINING EASTBOUND LANE FOR ONE-WAY TRAFFIC USING HIGHWAY STANDARD 701402. REMOVE EAST HALF OF EXISTING BRIDGE DECK AND STRUCTURE. CONSTRUCT PROPOSED EAST HALF OF BRIDGE DECK AND STRUCTURE.

WESTBOUND

PLACE TEMPORARY CONCRETE BARRIER TO CLOSE LEFT WESTBOUND LANE OF INTERSTATE 74 AS SHOWN ON SHEETS 25 AND 49. REDIRECT TRAFFIC TO USE REMAINING WESTBOUND LANE FOR ONE-WAY TRAFFIC USING HIGHWAY STANDARD 701402. REMOVE WEST HALF OF EXISTING BRIDGE DECK AND STRUCTURE. CONSTRUCT PROPOSED WEST HALF OF BRIDGE DECK AND STRUCTURE.

**STAGE II
EASTBOUND**

PLACE TEMPORARY CONCRETE BARRIER TO CLOSE RIGHT EASTBOUND LANE OF INTERSTATE 74 AS SHOWN ON SHEETS 25 AND 49. REDIRECT TRAFFIC TO USE REMAINING EASTBOUND LANE FOR ONE-WAY TRAFFIC USING HIGHWAY STANDARD 701402. REMOVE WEST HALF OF EXISTING SUBSTRUCTURE AND BRIDGE DECK. CONSTRUCT PROPOSED WEST HALF OF SUBSTRUCTURE AND BRIDGE DECK.

WESTBOUND

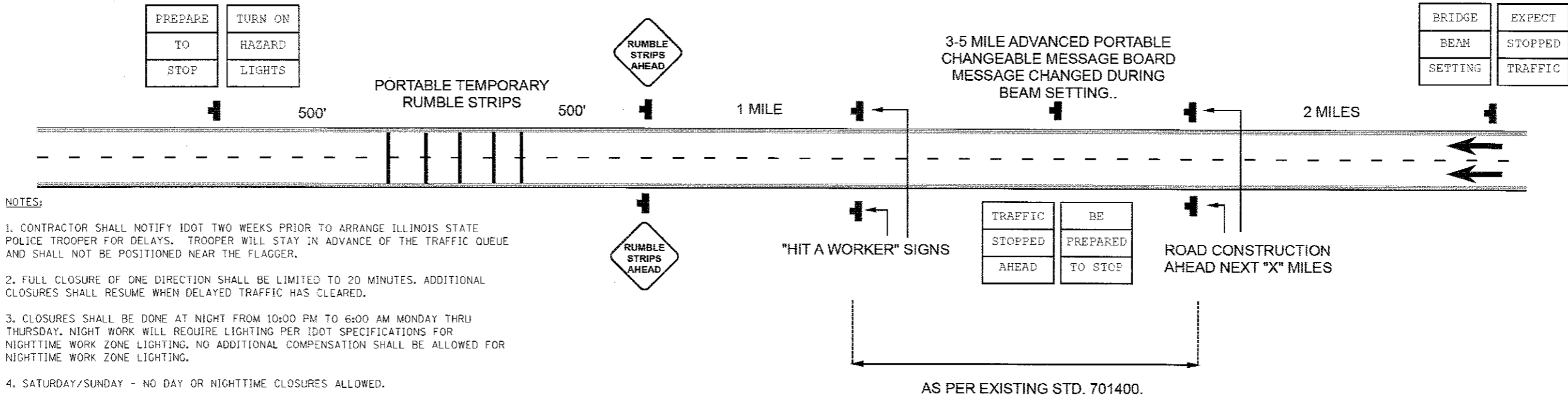
PLACE TEMPORARY CONCRETE BARRIER TO CLOSE RIGHT WESTBOUND LANE OF INTERSTATE 74 AS SHOWN ON SHEETS 25 AND 49. REDIRECT TRAFFIC TO USE REMAINING WESTBOUND LANE FOR ONE-WAY TRAFFIC USING HIGHWAY STANDARD 701402. REMOVE EAST HALF OF EXISTING SUBSTRUCTURE AND BRIDGE DECK. CONSTRUCT PROPOSED EAST HALF OF SUBSTRUCTURE AND BRIDGE DECK.

SUGGESTED CONSTRUCTION STAGING TRAFFIC CONTROL NOTES

1. TO AVOID CONFLICT WITH SNOW REMOVAL OPERATIONS, LANE CLOSURES ARE NOT PERMITTED BEFORE MARCH 15, 2018 OR BETWEEN NOVEMBER 30, 2018 AND MARCH 15, 2019 WITHOUT ENGINEER'S APPROVAL.
2. THE CONTRACTOR SHALL USE TEMPORARY PAVEMENT MARKING TAPE, TYPE IV FOR TEMPORARY LANE MARKING ON ALL PERMANENT PAVEMENT.
3. TEMPORARY PAVEMENT MARKING SHALL BE USED ON SURFACES TO BE REMOVED OR OVERLAID.
4. 4 INCH SOLID WHITE LINES SHALL BE USED TO DELINEATE THE OUTSIDE EDGES OF THE PAVEMENT.
5. 4 INCH SOLID YELLOW LINES SHALL BE USED TO DELINEATE THE INSIDE EDGES OF THE PAVEMENT.
6. EXISTING TRAFFIC CONTROL SIGNS AND MESSAGES SHALL BE TEMPORARILY COVERED, MODIFIED OR REMOVED AS DIRECTED BY THE ENGINEER.
7. A MINIMUM OF ONE LANE OF EASTBOUND AND WESTBOUND TRAFFIC ON INTERSTATE 74 WILL BE MAINTAINED AT ALL TIMES, EXCEPT AS PROVIDED FOR IN THE TEMPORARY DELAYS FOR BEAM SETTING DETAIL.
8. ALL OF THE TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE TRAFFIC CONTROL PLANS OR THE LATEST EDITION OF THE "ILLINOIS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AND SHALL BE IN PLACE BEFORE CONSTRUCTION IS STARTED.
9. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS DIRECTED BY THE ENGINEER.
10. ALL EXISTING PAVEMENT MARKINGS THAT ARE IN CONFLICT WITH THE TEMPORARY PAVEMENT MARKINGS FOR TRAFFIC CONTROL AND PROTECTION PLANS SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL-WATER BLASTING.
11. ARROW BOARDS SHALL HAVE SOLAR POWER CAPABILITY.
12. THE CONTRACTOR SHALL PROVIDE ADVANCE NOTICE USING CHANGEABLE MESSAGE SIGNS TWO WEEKS IN ADVANCE OF THE START OF CONSTRUCTION.

13. CONSTRUCTION WORK WILL NOT COMMENCE UNTIL ALL SIGNS AND PAVEMENT MARKINGS IN CONFLICT WITH THE STAGED CONSTRUCTION HAVE BEEN REMOVED AND ALL TEMPORARY SIGNS, PAVEMENT MARKINGS AND BARRICADES ARE IN PLACE AND APPROVED BY THE ENGINEER.
14. THE CONTRACTOR SHALL PROVIDE ALL BARRIERS, SIGNS, SUPPORTS, PAVEMENT MARKING MATERIALS AND LABOR NECESSARY FOR THE MAINTENANCE OF TRAFFIC UNLESS NOTED OTHERWISE IN THE SPECIAL PROVISIONS.
15. IMMEDIATELY AFTER THE COMPLETION OF THE WORK, THE CONTRACTOR SHALL RESTORE ALL PERMANENT PAVEMENT MARKINGS, SIGNS AND OTHER TRAFFIC CONTROL DEVICES THAT WERE COVERED, REMOVED, MODIFIED, DAMAGED OR OTHERWISE AFFECTED BY THE CONSTRUCTION.
16. TRAFFIC CONTROL DEVICES AND TEMPORARY CONCRETE BARRIER WALL SHALL BE IN ACCORDANCE WITH I.D.O.T. TRAFFIC CONTROL STANDARDS 701901 AND 704001.
17. FOR EACH STAGE OF CONSTRUCTION PROVIDE TRAFFIC CONTROL AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS, COORDINATE INSTALLATION OF TEMPORARY PAVEMENT MARKINGS AND OTHER TRAFFIC CONTROL DEVICES WITH THE EXISTING TRAFFIC PATTERNS AT THE ENDS OF THE PROJECT.
18. COST OF ANCHORING TEMPORARY CONCRETE BARRIER TO BRIDGE DECK IS INCLUDED IN THE COST OF TEMPORARY CONCRETE BARRIER. ADDITIONAL PINNING BEYOND THE STRUCTURE LIMITS SHALL BE PAID FOR AS PINNING TEMPORARY CONCRETE BARRIER.
19. WIDTH RESTRICTION SIGNING IS REQUIRED WHEN THE ROADWAY WIDTH WILL BE LESS THAN 16'-0" AS MEASURED FROM FACE TO FACE OF TEMPORARY CONCRETE BARRIER AND A CONCRETE PARAPET, GUARDRAIL OR OTHER FIXED, IMMOVABLE BARRIER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION PAY ITEMS. SEE SPECIAL PROVISION "WIDTH RESTRICTION SIGNING" FOR ADDITIONAL DETAILS. 21 DAYS ADVANCED NOTICE IS REQUIRED.
20. PRIOR TO ROUTING TRAFFIC ONTO THE SHOULDERS AS SHOWN IN THE STAGING PLANS, THE CONTRACTOR SHALL SECURE GRATINGS ON SHOULDER INLETS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL PAY ITEM.

TEMPORARY DELAYS FOR BEAM SETTING DETAIL



NOTES:

1. CONTRACTOR SHALL NOTIFY IDOT TWO WEEKS PRIOR TO ARRANGE ILLINOIS STATE POLICE TROOPER FOR DELAYS. TROOPER WILL STAY IN ADVANCE OF THE TRAFFIC QUEUE AND SHALL NOT BE POSITIONED NEAR THE FLAGGER.
2. FULL CLOSURE OF ONE DIRECTION SHALL BE LIMITED TO 20 MINUTES. ADDITIONAL CLOSURES SHALL RESUME WHEN DELAYED TRAFFIC HAS CLEARED.
3. CLOSURES SHALL BE DONE AT NIGHT FROM 10:00 PM TO 6:00 AM MONDAY THRU THURSDAY. NIGHT WORK WILL REQUIRE LIGHTING PER IDOT SPECIFICATIONS FOR NIGHTTIME WORK ZONE LIGHTING. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR NIGHTTIME WORK ZONE LIGHTING.
4. SATURDAY/SUNDAY - NO DAY OR NIGHTTIME CLOSURES ALLOWED.
5. PORTABLE TEMPORARY RUMBLE STRIPS SHALL BE INSTALLED ONE HOUR BEFORE THE BEAM SETTING OPERATION BEGINS AND REMOVED IMMEDIATELY AFTER THE LAST BEAM SETTING CLOSURE OF THE DAY.
6. THE WORK FOR TEMPORARY DELAYS FOR BEAM SETTING WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, STANDARD 701402.

FILE NAME : ...D4-68084-sh1018-staging.dgn	DESIGNED - JGR	REVISED - 11/07/2017	 890 PULASKI TOWER STREET CHICAGO, ILLINOIS 60611-3200 TEL 312 454 9100 FAX 312 558 1212 WEB WWW.SEPSTEIN.COM	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL NOTES		F.A.I. RTE. 74	SECTION 48E(24)BR, BR-11	COUNTY KNOX	TOTAL SHEETS 86	SHEET NO. 18		
PLOT TIME = 4:25:45 PM	CHECKED - JRK	REVISED -				SCALE: N/A	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 68084				
PLOT DATE = 11/7/2017	DATE - 08/23/2017	REVISED -				ILLINOIS FED. AID PROJECT								