

SUGGESTED SEQUENCE OF WORK / TRAFFIC CONTROL

PRE-PHASE 1 CONSTRUCTION OF TEMPORARY PAVEMENT AND TEMPORARY DRAINAGE SEQUENCE

1. INSTALL NECESSARY EROSION CONTROL AS REQUIRED BY CONSTRUCTION PLANS.
2. REMOVE TREES AS NECESSARY.
3. CONSTRUCT UNDERGROUND CONDUITS, FOUNDATIONS, AND HANDHOLES FOR STREET LIGHTING AND TRAFFIC SIGNALS.
4. RELOCATE EXISTING MAILBOXES AS REQUIRED BY PLANS. MAILBOXES SHALL BE PLACED SUCH THAT THE FACE OF EACH MAILBOX IS BETWEEN 6" AND 9" OFF THE FACE OF CURB AND A MINIMUM OF 10' CLEAR OF ANY DRIVEWAY. SETBACK DISTANCES FROM THE INTERSECTIONS ARE SHOWN ON THE PLANS.
5. REMOVE EXISTING DRIVEWAY AND SIDE ROAD PAVEMENT IN THE LOCATION OF THE TEMPORARY PAVEMENT AND AGGREGATE FOR TEMPORARY ACCESS AS SHOWN ON THE PLANS.
6. EXISTING CULVERTS SHALL BE REMOVED AND RELOCATED AS INDICATED ON THE PLANS. CULVERTS SHALL BE PLACED USING AN OPEN CUT.
7. EMBANKMENT SHALL BE PLACED IN THE CULVERT TRENCHES AND USED TO BRING THE SIDE ROAD EXISTING GRADES TO THE PROPOSED TEMPORARY SUBGRADE ELEVATION.
8. CONSTRUCT TEMPORARY PAVEMENT AS REQUIRED TO PROVIDE ONE 11-FOOT TRAFFIC LANE IN EACH DIRECTION AS SHOWN ON THE PLANS.
9. TEMPORARY PAVEMENT SHALL BE PLACED ON THE SIDE ROADS AND AGGREGATE SHALL BE PLACED ON THE DRIVEWAYS TO PROVIDE A SMOOTH TRANSITION ONTO THE TRAVELED WAY.
10. CONSTRUCT THE TEMPORARY SWALE AS SHOWN ON THE TYPICAL SECTION OF THE PLANS. THE LONGITUDINAL SLOPE OF THE SWALE SHALL HAVE A MINIMUM 0.5% SLOPE. THE CONTRACTOR SHALL PROVIDE CROSS SLOPES NO GREATER THAN 1:3 WITHIN THE 10' CLEAR ZONE OF THE TEMPORARY DRIVING LANE. THE COST OF THIS WORK SHALL BE PAID FOR AS EARTH EXCAVATION.
11. DITCH CHECKS SHALL BE PROVIDED AS SHOWN ON THE PLANS AND PAID FOR AS TEMPORARY DITCH CHECKS.
12. INSTALL TEMPORARY TRAFFIC SIGNAL EQUIPMENT AS REQUIRED BY CONSTRUCTION PLANS.
13. THE CONTRACTOR SHALL ENSURE THAT THE PROJECT AREA MAINTAINS POSITIVE DRAINAGE AT ALL TIMES DURING CONSTRUCTION.

TRAFFIC CONTROL

1. MAINTAIN TWO-WAY TRAFFIC ALONG NORTHMOOR ROAD AT ALL TIMES DURING PHASE 1A USING STANDARD 701006-03 AND STANDARD 701301-03.
2. FOR OFF-ROAD INSTALLATION OF STORM SEWER AND UNDERGROUND UTILITIES, USE TRAFFIC CONTROL STANDARD 701006-03.

PHASE 1A & 1B - ROADWAY CONSTRUCTION - EAST SIDE OF SHERIDAN ROAD AND SOUTH SIDE OF NORTHMOOR ROAD SEQUENCE

1. INSTALL NECESSARY EROSION CONTROL AS REQUIRED BY CONSTRUCTION PLANS.
2. THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION OF PHASE 1 WITH THE CONSTRUCTION OF THE PROJECT EAST OF SHERIDAN ROAD.
3. INSTALL TRAFFIC CONTROL DEVICES AS SHOWN ON THE PLANS AND STANDARD 701502-03 AS APPLICABLE.
4. RE-DIRECT TRAFFIC AS SHOWN IN THE PLAN. MAINTAIN ONE 11-FOOT LANE IN EACH DIRECTION.

PHASE 1A & 1B - ROADWAY CONSTRUCTION - EAST SIDE OF SHERIDAN ROAD AND SOUTH SIDE OF NORTHMOOR ROAD (CON'T.)

SEQUENCE

5. REMOVE EXISTING PAVEMENT, DRIVEWAY PAVEMENT, PIPE CULVERTS, AND MISCELLANEOUS ITEMS ON THE SOUTH SIDE OF NORTHMOOR ROAD AND THE EAST SIDE OF SHERIDAN ROAD.
6. CONSTRUCT PROPOSED STORM SEWER MAIN AS PART OF THE PHASE 1 WORK. STUB PIPE AND PLUG AT LOCATIONS THAT EXTEND ACROSS THE PAVEMENT TO BE CONSTRUCTED IN PHASE 2.
7. CONSTRUCT PROPOSED HMA PAVEMENT, SIDEWALKS, ENTRANCE ETC. ALONG THE SOUTH SIDE OF NORTHMOOR ROAD AND THE EAST SIDE OF SHERIDAN ROAD.
8. INSTALL PROPOSED TRAFFIC SIGNALS AND STREET LIGHTING.
9. PERFORM FINAL EARTHWORK REQUIRED ADJACENT TO THE NEWLY CONSTRUCTED ROADWAYS.
10. CONSTRUCT ANY INCIDENTAL BITUMINOUS SURFACING AS REQUIRED TO BLEND THE PROPOSED PAVEMENT WITH THE EXISTING PAVEMENT FOR USE BY TRAFFIC.

TRAFFIC CONTROL

1. MAINTAIN ONE 11-FOOT LANE OF TRAFFIC IN EACH DIRECTION AT ALL TIMES USING STANDARD 701502-03 AS APPLICABLE.
2. CONSTRUCT EAST SIDE OF THE INTERSECTION AT NORTHMOOR ROAD AND SHERIDAN ROAD USING STANDARD 701701-06.
3. ENTRANCES SHALL BE CONSTRUCTED HALF AT A TIME TO MAINTAIN CONTINUOUS ACCESS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

PHASES 2A & 2B - ROADWAY CONSTRUCTION - NORTH SIDE NORTHMOOR ROAD AND WEST SIDE OF SHERIDAN ROAD.

SEQUENCE

1. OPEN THE SOUTH SIDE OF NORTHMOOR ROAD AND THE EAST SIDE OF SHERIDAN ROAD AND MAINTAIN A MINIMUM ONE LANE OF TRAFFIC IN EACH DIRECTION. APPLY TEMPORARY PAVEMENT MARKINGS AS NECESSARY TO DELINEATE TWO 11-FOOT TRAVEL LANES.
2. INSTALL NECESSARY EROSION CONTROL AS REQUIRED BY CONSTRUCTION PLANS.
3. REMOVE REMAINING EXISTING PAVEMENT, DRIVEWAY PAVEMENT, TEMPORARY PAVEMENT (PLACED IN PHASE 1), AND MISCELLANEOUS ITEMS ON THE NORTH SIDE OF NORTHMOOR ROAD AND THE WEST SIDE OF SHERIDAN ROAD. THE TEMPORARY PAVEMENT ON THE SOUTH SIDE OF NORTHMOOR ROAD SHALL REMAIN. THE SUB-BASE GRANULAR MATERIAL, TYPE A USED FOR TEMPORARY PAVEMENT SHALL BE SALVAGED AND REUSED FOR THE PROPOSED PAVEMENT. SEE PROPOSED PLANS.
4. CONSTRUCT PROPOSED HMA PAVEMENT, SIDEWALKS, ENTRANCES, ETC. ALONG THE NORTH SIDE OF NORTHMOOR ROAD AND THE WEST SIDE OF SHERIDAN ROAD.
5. REMOVE AND RELOCATE MAILBOXES TO THE LOCATIONS SHOWN ON THE PROPOSED PLANS.
6. PERFORM FINAL EARTHWORK ADJACENT TO THE NEWLY CONSTRUCTED ROADWAYS.

TRAFFIC CONTROL

1. OPEN TRAFFIC TO ONE 11-FOOT LANE IN EACH DIRECTION ALONG NORTHMOOR ROAD AND SHERIDAN ROAD PER STANDARD 701502-03. ALL SIDE ROADS AND ENTRANCES SHALL REMAIN OPEN DURING PHASE 2.
2. CONSTRUCT PHASE 2B AT THE SHERIDAN ROAD / NORTHMOOR ROAD INTERSECTION USING STANDARD 701701-06.
3. PROVIDE GAPS IN THE LANE CLOSURES FOR ALL PRIVATE ENTRANCES TO MAINTAIN LOCAL ACCESS (AT ALL TIMES EXCEPT DURING PAVING OPERATIONS).

PHASE 3 - SHERIDAN ROAD / NORTHMOOR ROAD INTERSECTION CONSTRUCTION

SEQUENCE

1. CONSTRUCT PROPOSED HMA PAVEMENT FOR THE CENTER OF THE NORTHMOOR ROAD / SHERIDAN ROAD INTERSECTION.

TRAFFIC CONTROL

1. MAINTAIN 10' MINIMUM LANE WIDTHS THROUGH THE INTERSECTION DURING CONSTRUCTION.

PHASE 4 - PAVEMENT MARKING AND SOIL STABILIZATION

SEQUENCE

1. APPLY PERMANENT PAVEMENT MARKING TO NORTHMOOR ROAD AND SHERIDAN ROAD. OPEN ALL LANES OF TRAFFIC.
2. FINAL SHAPE ALL EARTHWORK AREAS. SEED AND MULCH AS REQUIRED.

TRAFFIC CONTROL

1. MAINTAIN ACCESS TO ALL ENTRANCES AND SIDE ROADS DURING PAVEMENT MARKING.

GENERAL TRAFFIC CONTROL NOTES

1. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES INCLUDING THE FOLLOWING HIGHWAY STANDARDS: 701006-03, 701301-03, 701502-03, 701701-06, 701901-01.
2. PROVIDE GAPS IN LANE CLOSURES TO MAINTAIN LOCAL ACCESS TO ALL SIDE ROADS AND ENTRANCES EXCEPT AS DESCRIBED IN THE SUGGESTED CONSTRUCTION SEQUENCE.
3. TRAFFIC SIGNALS SHALL REMAIN IN OPERATION AT ALL TIMES.
4. ARROW BOARDS WILL BE REQUIRED FOR ALL LANE CLOSURES ON NORTHMOOR ROAD.
5. PAVEMENT TO BE REMOVED SHALL BE SAW CUT FULL DEPTH ADJACENT TO PAVEMENT TO REMAIN. SAW CUT SHALL BE INCLUDED IN THE COST OF PAVEMENT REMOVAL.
6. THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING ALL TRAFFIC CONTROL ITEMS IN THE CONTRACT DOCUMENTS SHALL BE INCLUDED IN THE CONTRACT BID UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION. PAVEMENT MARKING WILL BE PAID FOR SEPARATELY.
7. ALL TYPE III BARRICADES SHALL CONTAIN A ROAD CLOSED SIGN R11-2.
8. CONTRACTOR SHALL REMOVE ALL EXISTING PAVEMENT MARKINGS AND SIGNS WHEN IN CONFLICT WITH TEMPORARY PAVEMENT MARKINGS AND SIGNS.
9. NO PARKING SIGNS SHALL BE MAINTAINED THROUGHOUT THE PROJECT LIMITS AT ALL TIMES DURING CONSTRUCTION.

GENERAL CONSTRUCTION NOTES

1. ADEQUATE DRAINAGE SHALL BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION.
2. DRIVEWAY AND SIDE ROAD ENTRANCES SHALL BE CONSTRUCTED SUCH THAT ACCESS SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE APPROVED BY THE ENGINEER.
3. TEMPORARY BITUMINOUS RAMPS FOR THE BUTT JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ARTICLE 406 OF THE STANDARD SPECIFICATIONS AS REQUIRED TO MAINTAIN ACCESS TO BUSINESSES AND RESIDENCES.
4. ANY SIGNIFICANT CHANGES IN THE SUGGESTED CONSTRUCTION SEQUENCE SHALL BE SUBMITTED IN WRITING TO THE RESIDENT ENGINEER FOR APPROVAL AT LEAST TEN BUSINESS DAYS PRIOR TO THE REVISED STAGE CONSTRUCTION.
5. CONTRACTOR SHALL COORDINATE ALL EXCAVATION AND CONCRETE CONSTRUCTION WITH THE ELECTRICAL SUBCONTRACTOR AND WITH ALL UTILITY COMPANIES AND THEIR SUBCONTRACTORS TO ENSURE THE INSTALLATION OF ALL CONDUITS AND OTHER UNDERGROUND IMPROVEMENTS PRIOR TO THE VARIOUS STAGES OF CONSTRUCTION.
6. CONSTRUCTION OF SIDE ROAD INTERSECTION IMPROVEMENTS SHALL BE COORDINATED IN SUCH A WAY AS TO MINIMIZE THE DURATION OF CLOSURE.

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