

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. ONE LANE IN EACH DIRECTION MUST REMAIN OPEN DURING PEAK TRAFFIC HOURS. PEAK HOURS ARE FROM 10:00 AM TO 7:00 PM. PEAK HOURS MAY BE MODIFIED BY THE ENGINEER BASED ON ACTUAL TRAFFIC CONDITIONS.
2. THE CONTRACTOR SHALL PLACE ALL ADVANCE WARNING SIGNAGE PRIOR TO BEGINNING ANY CONSTRUCTION STAGE. TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701901.
3. THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL OF THE ENGINEER FOR ANY METHODS OF TRAFFIC CONTROL AND PROTECTION DIFFERENT THAN THAT SHOWN ON THE PLANS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR.
4. THE CONTRACTOR SHALL NOT CHANGE THE CONSTRUCTION STAGING PLANS WITHOUT WRITTEN APPROVAL OF THE ENGINEER AND ANY ADDITIONAL COSTS RESULTING FROM AN APPROVED CHANGE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL PROVIDE ALL SIGNS, DRUMS, BARRICADES, VERTICAL PANELS AND PROTECTION NECESSARY FOR THE MAINTENANCE OF TRAFFIC AS NOTED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE ENGINEER. THESE ITEMS ARE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION STANDARDS SHOWN ON THE PLANS.
6. THE CONTRACTOR MUST NOTIFY ALL EMERGENCY SERVICES (POLICE, FIRE, ETC.), LOCAL SCHOOL DISTRICTS AND LOCAL MUNICIPALITIES (VILLAGES, COUNTY, TOWNSHIPS) AND POST OFFICE A MINIMUM OF 72 HOURS IN ADVANCE OF ANY SIDE ROAD CLOSURES OR DETOURS.
7. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY DRAINAGE AND DE-WATERING ACTIVITIES TO ENSURE NO FLOODING OF ADJACENT PROPERTIES OR STANDING WATER IN THE CONSTRUCTION SITE.
8. THE CONTRACTOR SHALL PLATE/ PROTECT, TO THE SATISFACTION OF THE ENGINEER, ANY PERMANENT DRAINAGE STRUCTURES THAT ARE INSTALLED IN THE TRAVEL LANES OF FUTURE STAGES. THIS WORK IS INCLUDED IN THE COST OF THE DRAINAGE STRUCTURES.
9. ALL WARNING SIGNS SHALL BE BLACK LEGEND AND BORDER ON FLUORESCENT ORANGE REFLECTORIZED BACKGROUND UNLESS OTHERWISE SPECIFIED. ALL WARNING SIGNS SHALL BE 48 " X 48 ".
10. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AND SIDE STREETS DURING CONSTRUCTION. TEMPORARY ACCESS CLOSURES WILL BE ALLOWED ONLY AT THE DIRECTION OF THE ENGINEER. "AGGREGATE FOR TEMPORARY ACCESS" SHALL BE USED TO MAINTAIN ACCESS BETWEEN REMOVAL OF THE EXISTING ACCESS AND COMPLETION OF THE NEW ACCESS AS DIRECTED BY THE ENGINEER.
11. ENTRANCE SIGNS SHALL BE PLACED AT ALL COMMERCIAL ENTRANCES WITHIN THE CONSTRUCTION LIMITS IN ACCORDANCE WITH THE 'BUSINESS ABUTTING WORK ZONE ENTRANCE SIGN' DETAIL SHOWN IN THE PLANS AND TO THE SATISFACTION OF THE ENGINEER.
12. ALL TEMPORARY OR PERMANENT PAVEMENT MARKING PROPOSED WITHIN THE WORK AREA SHALL BE COMPLETED PRIOR TO THE CONSTRUCTION PHASE CHANGE.
13. TEMPORARY PAVEMENT MARKINGS THAT WILL BE IN PLACE OVER WINTER SHALL BE PAINT.
14. A TYPE II BARRICADE WITH A "SIDEWALK CLOSED" SIGN AFFIXED, SHALL BE PLACED ON ALL SIDEWALKS CLOSED DUE TO CONSTRUCTION ACTIVITIES.
15. AT ALL EDGE DROP-OFFS GREATER THAN 24 INCHES WITHIN CLEARZONE, AN AGGREGATE WEDGE SHALL BE INSTALLED, AS SHOWN ON THE STAGING TYPICAL SECTIONS, WITHIN 48 HOURS. OPEN EXCAVATIONS GREATER THAN 30 INCHES DEEP WITHIN CLEARZONE NOT PROTECTED BY TEMPORARY TRAFFIC BARRIER SHALL BE BACKFILLED OR PLATED AT THE END OF THE WORK DAY.

SUGGESTED CONSTRUCTION SEQUENCE

STAGE IA:

1. REMOVE EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH STAGE IA TRAFFIC CONTROL PLAN, INSTALL ADVANCE CONSTRUCTION SIGNS AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. US ROUTE 34 TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARDS 701006 AND 701606. NEEDHAM ROAD TRAFFIC WILL BE MAINTAINED IN ACCORDANCE WITH STANDARD 701006. STORM SEWER LATERALS TO BE CONSTRUCTED ACROSS ACTIVE TRAVEL LANES SHALL BE PERFORMED DURING OFF PEAK HOURS IN ACCORDANCE WITH STANDARD 701206.
2. INSTALL "CHANGEABLE MESSAGE BOARDS" PRIOR TO THE START OF CONSTRUCTION ON US ROUTE 34 AT THE PROJECT LIMITS AT LOCATIONS DETERMINED BY THE ENGINEER.
3. CONSTRUCT TEMPORARY PAVEMENT ADJACENT TO EXISTING EASTBOUND LANES AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. CONTRACTOR MAY ROUGH GRADE PROPOSED INFILTRATION BASIN AND BATCH PLANT DHV FOR BORROW MATERIAL.
4. SHIFT TRAFFIC TO STAGE IA TEMPORARY TRAFFIC LANES AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS AND AS DIRECTED BY THE ENGINEER.
5. REMOVE EXISTING PORTION OF EASTBOUND BRIDGE DECK OVER BIG ROCK CREEK AND BRIDGE APPROACH PAVEMENT AS SHOWN ON THE PLANS.
6. CONSTRUCT PROPOSED EASTBOUND BRIDGE DECK OVER BIG ROCK CREEK AND BRIDGE APPROACH PAVEMENT AS SHOWN ON THE PLANS.
7. CONSTRUCT STORM SEWER TRUNKLINE, STRUCTURES AND LATERALS ON THE SOUTH SIDE OF US ROUTE 34 ASSOCIATED WITH THE STAGE IA CONSTRUCTION ZONE AND AS SHOWN ON THE PLANS.

SUGGESTED CONSTRUCTION SEQUENCE (CONTINUED)

STAGE I:

1. REMOVE STAGE IA TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES THAT CONFLICT WITH STAGE I TRAFFIC CONTROL PLAN. INSTALL STAGE I TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS AND AS DIRECTED BY THE ENGINEER. US ROUTE 34 TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARDS 701006 AND 701606. CROSS ROAD TRAFFIC WILL BE MAINTAINED IN ACCORDANCE WITH STANDARD 701701. STORM SEWER LATERALS TO BE CONSTRUCTED ACROSS ACTIVE TRAVEL LANES SHALL BE PERFORMED DURING OFF PEAK HOURS IN ACCORDANCE WITH STANDARD 701206.
2. SHIFT TRAFFIC TO STAGE I TEMPORARY TRAFFIC LANES AS SHOWN ON THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS AND AS DIRECTED BY THE ENGINEER.
3. REMOVE EXISTING WESTBOUND BRIDGE DECK OVER BIG ROCK CREEK AND BRIDGE APPROACH PAVEMENT AS SHOWN ON THE PLANS.
4. CONSTRUCT PROPOSED WEST BOUND BRIDGE DECK OVER BIG ROCK CREEK AND BRIDGE APPROACH PAVEMENT AS SHOWN ON THE PLANS.
5. REMOVE WESTBOUND EXISTING PAVEMENT AS SHOWN ON THE PLANS.
6. CONSTRUCT PROPOSED WESTBOUND LANES PAVEMENT AS SHOWN ON THE PLANS.
7. CONSTRUCT PROPOSED CURB AND GUTTER, RETAINING WALLS, SIDEWALKS AND SHARED USE PATH AS SHOWN ON THE PLANS.
8. CONSTRUCT STORM SEWER TRUNKLINE, STRUCTURES AND LATERALS ON THE NORTH SIDE OF US ROUTE 34 ASSOCIATED WITH THE STAGE I CONSTRUCTION ZONE AND AS SHOWN ON THE PLANS. CONSTRUCT INFILTRATION BASIN ON SOUTH SIDE (BORROW LOCATION).
9. CONSTRUCT CROSS ROADS AND DRIVEWAYS ON NORTH SIDE OF U.S. ROUTE 34.
10. CONSTRUCT LATERAL STORM SEWER PIPES NO. 75 AND 180 AND STRUCTURE NO. 75 AND 180 IN ORDER TO DRAIN ADJACENT PARKING LOT.
11. AT THE END OF STAGE I CONSTRUCTION, CONSTRUCT TEMPORARY PAVEMENT AND MILL / GRIND EXISTING PAVEMENT SURFACE APPROACHING WAUBONSEE DR & MITCHELL DR TO MATCH NEWLY CONSTRUCTED WESTBOUND LANES AS SHOWN ON THE PLANS. THE PORTION OF THIS WORK WITHIN THE ACTIVE LEFT TURN LANE TO BE PERFORMED DURING OFF PEAK HOURS AND AS DIRECTED BY THE ENGINEER.

STAGE II:

1. REMOVE STAGE IA TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES THAT CONFLICT WITH STAGE I TRAFFIC CONTROL PLAN. INSTALL STAGE I TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS AND AS DIRECTED BY THE ENGINEER. US ROUTE 34 TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARDS 701006 AND 701606. CROSS ROAD TRAFFIC WILL BE MAINTAINED IN ACCORDANCE WITH STANDARD 701701. STORM SEWER LATERALS TO BE CONSTRUCTED ACROSS ACTIVE TRAVEL LANES SHALL BE PERFORMED DURING OFF PEAK HOURS IN ACCORDANCE WITH STANDARD 701206.
2. SHIFT TRAFFIC TO STAGE II TEMPORARY TRAFFIC LANES AS SHOWN ON THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS AND AS DIRECTED BY THE ENGINEER.
3. REMOVE EASTBOUND EXISTING PAVEMENT AS SHOWN ON THE PLANS.
4. CONSTRUCT PROPOSED EASTBOUND LANES PAVEMENT AS SHOWN ON THE PLANS.
5. CONSTRUCT PROPOSED CURB AND GUTTER, SIDEWALKS AND SHARED USE PATH AS SHOWN ON THE PLANS.
6. CONSTRUCT STORM SEWER TRUNKLINE, STRUCTURES AND LATERALS ON THE SOUTH SIDE OF US ROUTE 34 ASSOCIATED WITH THE STAGE II CONSTRUCTION ZONE AND AS SHOWN ON THE PLANS. CONTRACTOR SHALL MAINTAIN DRAINAGE IN THE EXISTING STORM SEWER PIPE FROM STA. 37+83 TO STA. 28+53 DURING CONSTRUCTION.
7. CONSTRUCT CROSS ROADS AND DRIVEWAYS ON SOUTH SIDE OF U.S. ROUTE 34.

STAGE III:

1. REMOVE STAGE II TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES THAT CONFLICT WITH STAGE III TRAFFIC CONTROL PLAN. INSTALL STAGE III TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES AS SHOWN ON THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS AND AS DIRECTED BY THE ENGINEER. US ROUTE 34 TRAFFIC WILL BE MAINTAINED USING STANDARD 701602.
2. SHIFT TRAFFIC TO STAGE III TEMPORARY TRAFFIC LANES AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS AND AS DIRECTED BY THE ENGINEER.
3. REMOVE REMAINING EXISTING PAVEMENT AS SHOWN ON THE PLANS.
4. CONSTRUCT PROPOSED MEDIANS AND CENTER LANES PAVEMENT AS SHOWN ON THE PLANS.
5. CONSTRUCT PROPOSED CURB AND GUTTER AT THE MEDIAN LOCATIONS.
6. CONSTRUCT REMAINING STORM SEWER STRUCTURES AND LATERALS ALONG US ROUTE 34 ASSOCIATED WITH THE STAGE III CONSTRUCTION ZONE AND AS SHOWN ON THE PLANS.

STAGE IV:

1. USING HIGHWAY STANDARDS 701601 AND 701602 FOR ONE LANE CLOSURES PERFORM THE FOLLOWING OPERATIONS:
2. INSTALL PROPOSED ROADWAY SIGNS, INSTALL PROPOSED PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
3. OPEN ALL LANES TO TRAFFIC AS SHOWN ON THE PAVEMENT MARKING PLANS.

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