

STAGE 1 (NOT SHOWN)

- INSTALL AND ACTIVATE TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTION OF GREENWOOD ROAD AND GLENVIEW ROAD. CLOSE DRIVEWAY AT STA. 110+75 RT TO ALLOW INSTALLATION OF TEMPORARY POLE. (NOTE: THE EXISTING SIGNALS SHALL BE TURNED OFF AT THE SAME TIME THE TEMPORARY SIGNALS ARE ACTIVATED.)
- REMOVE EXISTING SIGNAL POLES AND EQUIPMENT DESIGNATED TO BE REMOVED.
- CONSTRUCT TEMPORARY PAVEMENT AND TEMPORARY DRAINAGE REQUIRED FOR STAGE 2 TRAFFIC. TWO-WAY TRAFFIC SHALL BE MAINTAINED THROUGH THE USE OF FLAGGERS IN ACCORDANCE WITH IDOT STANDARD 701501 AND 701502.
- PLACE ALL CONSTRUCTION SIGNS, TEMPORARY PAVEMENT MARKINGS AND BARRICADES AND SHIFT TRAFFIC.

STAGE 2

- CONSTRUCT WATERMAIN. TWO-WAY TRAFFIC SHALL BE MAINTAINED THROUGH THE USE OF FLAGGERS IN ACCORDANCE WITH IDOT STANDARD 701501 AND 701502. THE LEFT TURN LANES AT THE INTERSECTION OF GREENWOOD ROAD AND GLENVIEW ROAD MAY ONLY BE CLOSED BETWEEN THE HOURS OF 9:00 AM AND 3:00 PM UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- CONSTRUCT STORM SEWER MAINLINE ON EAST SIDE OF GREENWOOD ROAD AND NORTH SIDE OF GLENVIEW ROAD. CONSTRUCT STORM SEWER LATERALS TO CENTERLINE OF GREENWOOD ROAD. TWO-WAY TRAFFIC SHALL BE MAINTAINED THROUGH THE USE OF FLAGGERS IN ACCORDANCE WITH IDOT STANDARD 701501 AND 701502. THE LEFT TURN LANES AT THE INTERSECTION OF GREENWOOD ROAD AND GLENVIEW ROAD MAY ONLY BE CLOSED BETWEEN THE HOURS OF 9:00 AM AND 3:00 PM UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- REMOVE EXISTING CURB AND GUTTER AND DRIVEWAYS ON THE EAST SIDE OF GREENWOOD ROAD AND NORTH SIDE OF GLENVIEW ROAD.
- CONSTRUCT CURB AND GUTTER, CONCRETE BASE COURSE, SIDEWALK AND ENTRANCES AS SHOWN.
- PLACE ALL CONSTRUCTION SIGNS, TEMPORARY PAVEMENT MARKINGS, AND BARRICADES REQUIRED FOR STAGE 2A AND SHIFT TRAFFIC ON GLENVIEW ROAD.

STAGE 2A

- CONSTRUCT STORM SEWER MAINLINE ON SOUTH SIDE OF GLENVIEW ROAD. TWO-WAY TRAFFIC SHALL BE MAINTAINED THROUGH THE USE OF FLAGGERS IN ACCORDANCE WITH IDOT STANDARD 701501. THE LEFT TURN MAY ONLY BE CLOSED BETWEEN THE HOURS OF 9:00 AM AND 3:00 PM UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- REMOVE EXISTING CURB AND GUTTER AND DRIVEWAYS ON THE SOUTH SIDE OF GLENVIEW ROAD.
- CONSTRUCT CURB AND GUTTER, CONCRETE BASE COURSE, SIDEWALK AND ENTRANCES AS SHOWN.
- MILL EXISTING PAVEMENT. TWO-WAY TRAFFIC SHALL MAINTAINED THROUGH THE USE OF FLAGGERS IN ACCORDANCE WITH IDOT STANDARD 701501 AND 701502.
- PLACE LEVELING BINDER AND BINDER WITHIN LIMITS OF THE STAGE 2 WIDENING AND EXISTING PAVEMENT.
- PLACE TOPSOIL AND SOD.
- CONSTRUCT TEMPORARY PAVEMENT REQUIRED FOR STAGE 3 TRAFFIC. TWO-WAY TRAFFIC SHALL BE MAINTAINED THROUGH THE USE OF FLAGGERS IN ACCORDANCE WITH IDOT STANDARD 701501 AND 701502.
- PLACE ALL CONSTRUCTION SIGNS, TEMPORARY PAVEMENT MARKINGS, AND BARRICADES REQUIRED FOR STAGE 3 AND SHIFT TRAFFIC.

STAGE 3

- REMOVE EXISTING CURB AND GUTTER AND DRIVEWAYS ON THE WEST SIDE OF GREENWOOD ROAD.
- CONSTRUCT CURB AND GUTTER, CONCRETE BASE COURSE, SIDEWALK AND ENTRANCES AS SHOWN.
- COMPLETE THE CONSTRUCTION OF THE CURB AND GUTTER, CONCRETE BASE COURSE, SIDEWALK, AND ENTRANCES ON THE EAST SIDE OF GREENWOOD ROAD.
- PLACE LEVELING BINDER AND BINDER WITHIN LIMITS OF THE STAGE 3.
- PLACE TOPSOIL AND SOD.
- PLACE SURFACE COURSE THROUGHOUT PROJECT LIMITS. TWO-WAY TRAFFIC SHALL MAINTAINED THROUGH THE USE OF FLAGGERS IN ACCORDANCE WITH IDOT STANDARD 701501 AND 701502.
- PLACE PERMANENT PAVEMENT MARKINGS.
- INSTALL AND ACTIVATE PERMANENT SIGNALS. (NOTE: THE TEMPORARY SIGNALS SHALL BE TURNED OFF AT THE SAME TIME THE PERMANENT SIGNALS ARE ACTIVATED).

ACCESS MAINTENANCE NOTES

MAINTAINING ACCESS TO DRIVEWAYS IS OF THE UTMOST IMPORTANCE TO THE VILLAGE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUB-STAGING THE CONSTRUCTION OF DRIVEWAYS. THE CONTRACTOR SHALL FOLLOW THESE PROCEDURES TO ENSURE PROPER DRIVEWAY ACCESS:

- THE CONTRACTOR SHALL WORK WITH ADJACENT BUSINESS OWNERS TO DETERMINE DRIVEWAY RECONSTRUCTION SCHEDULING. ALL DRIVEWAY CLOSURES SHALL BE APPROVED BY THE ENGINEER.

- TEMPORARY DRIVES SHALL BE CONSTRUCTED USING 100% RECYCLED ASPHALT PAVEMENT. THE WIDTH OF THE DRIVE SHALL BE DETERMINED BY THE ENGINEER. THE CONTRACTOR SHALL NOTE THAT THE TEMPORARY DRIVEWAY WIDTH MAY EXCEED THE WIDTH OF THE EXISTING DRIVEWAY.

THE COST OF PLACING, MAINTAINING AND REMOVING TEMPORARY DRIVES SHALL BE INCLUDED IN THE COST OF "TEMPORARY ACCESS (COMMERCIAL ENTRANCE)" OR "TEMPORARY ACCESS (PRIVATE ENTRANCE)".

- THE CONTRACTOR SHALL, WHERE WIDTH ALLOWS, STAGE CONSTRUCT DRIVEWAYS, AS DIRECTED BY THE ENGINEER.

- A 4" PVC DRAIN SHALL BE PLACED UNDER TEMPORARY DRIVES TO PROVIDE POSITIVE DRAINAGE WHEN THE ROADWAY IS EXCAVATED. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF "DRIVEWAY PAVEMENT REMOVAL".

TEMPORARY DRAINAGE NOTES

T1 STA. 108+42.8, 22.4' LT
CB TO BE ADJUSTED WITH NEW T-1 FR, O.L.

T2 STA. 110+33.7, 20.7' LT
CB TO BE ADJUSTED WITH NEW T-1 FR, O.L.

T3 STA. 110+78.2, 21.4' LT
CB TO BE ADJUSTED WITH NEW T-1 FR, O.L.

T4 STA. 112+06.9, 30.0' LT
CB TO BE ADJUSTED WITH NEW T-1 FR, O.L.

T5 STA. 113+70.7, 29.1' LT
CB TO BE ADJUSTED WITH NEW T-1 FR, O.L.

T6 STA. 115+65.5, 22.5' LT
CB TO BE ADJUSTED WITH NEW T-1 FR, O.L.

T7 STA. 118+65.5, 22.1' LT
CB TO BE ADJUSTED WITH NEW T-1 FR, O.L.

T8 STA. 121+02.9, 24.0' LT
CB TO BE ADJUSTED WITH NEW T-1 FR, O.L.

T9 STA. 122+29.3, 27.8' LT
CB TO BE ADJUSTED WITH NEW T-1 FR, O.L.

T10 STA. 122+55.3, 33.3' LT
CB TO BE ADJUSTED WITH NEW T-1 FR, O.L.

T1 17' - 12" PIPE CULVERT, CL. D, T-1 (TEMPORARY) @ 0.41%
STA. 99+27, 36' LT INV = 676.30
STA. 99+44, 36' LT INV = 676.37

T2 20' - 12" PIPE CULVERT, CL. D, T-1 (TEMPORARY) @ 0.41%
STA. 99+47, 36' LT INV = 676.38
STA. 99+67, 36' LT INV = 676.46

T3 24' - 12" PIPE CULVERT, CL. D, T-1 (TEMPORARY) @ 0.41%
STA. 100+68, 34' LT INV = 676.86
STA. 100+92, 34' LT INV = 676.96

T4 51' - 12" PIPE CULVERT, CL. D, T-1 (TEMPORARY) @ 0.41%
STA. 101+53, 33' LT INV = 677.20
STA. 102+04, 33' LT INV = 677.41

T5 18' - 12" PIPE CULVERT, CL. D, T-1 (TEMPORARY) @ 0.41%
STA. 102+42, 32' LT INV = 677.57
STA. 102+60, 32' LT INV = 677.64

T6 17' - 12" PIPE CULVERT, CL. D, T-1 (TEMPORARY) @ 0.41%
STA. 102+99, 30' LT INV = 677.80
STA. 103+16, 30' LT INV = 677.87

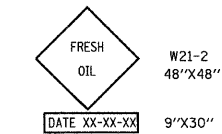
T7 17' - 12" PIPE CULVERT, CL. D, T-1 (TEMPORARY) @ 0.41%
STA. 103+21, 30' LT INV = 677.89
STA. 103+38, 30' LT INV = 677.96

T8 21' - 12" PIPE CULVERT, CL. D, T-1 (TEMPORARY) @ 0.41%
STA. 104+01, 33' LT INV = 678.19
STA. 104+22, 33' LT INV = 678.28

MAINTENANCE OF TRAFFIC GENERAL NOTES

- 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, UNLESS HEREIN REVISED.
- THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- ALL CONSTRUCTION SIGNS SHALL HAVE FLUORESCENT ORANGE BACKGROUNDS.
- 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.
- 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 701901.
- ALL BARRICADES OR DRUMS AT LANE DIVERSIONS WITHIN TAPER SECTIONS SHALL HAVE DIRECTION INDICATOR PANELS.
- 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.
- DRUMS SHALL HAVE ALTERNATING REFLECTORIZED TYPE AA OR TYPE AP FLUORESCENT ORANGE AND REFLECTORIZED WHITE HORIZONTAL, CIRCUMFERENTIAL STRIPES.
- DRUMS AND BARRICADES SHALL MEET THE REQUIREMENTS OF THE NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM (NCHRP) REPORT 350 AND THE SUPPLEMENTAL SPECIAL PROVISION "WORK ZONE TRAFFIC CONTROL DEVICES".
- TYPE III BARRICADES ARE TO BE PLACED IN ACCORDANCE WITH STANDARD 701901 UNLESS AUTHORIZED BY THE ENGINEER TO USE AN ALTERNATE ARRANGEMENT.
- THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY STAGE CHANGE AT LEAST TWO WEEKS IN ADVANCE OF THE CHANGE.
- 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. ANY DAMAGE CAUSED BY HIS WORK SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
- THE FIRST TWO WARNING SIGNS IN EACH DIRECTION OF TRAVEL SHALL BE EQUIPPED WITH MONO-DIRECTIONAL AMBER FLASHING LIGHTS DURING HOURS OF DARKNESS. FLAGS ARE OPTIONAL.
- 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 THE APPLICABLE IDOT STANDARD UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- "WORKERS" SIGNS SHALL ONLY BE ERECTED WHEN WORKERS ARE PRESENT. SIGN MUST BE COVERED OR REMOVED WHEN NO WORKERS ARE PRESENT.
- "FRESH OIL" SIGNS (W21-2-4848) WITH DATE SIGNS SHALL BE ERECTED 48 HOURS PRIOR TO PRIMING WITHIN THE PROJECT. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION".
- 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".
- TEMPORARY PAVEMENT MARKING TAPE SHALL BE USED ON ALL SURFACES OUTSIDE OF THE RESURFACING LIMITS AND ON THE FINAL PAVEMENT SURFACE. THIS WORK SHALL BE PAID FOR AS "PAVEMENT MARKING TAPE, TYPE III" OF THE SIZE SPECIFIED.
- ARROW BOARDS WILL BE REQUIRED WHEN IMPLEMENTING ALL LANE CLOSURES, AND SHALL BE INCLUDED IN THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION".
- THE COST OF SUPPLYING, ERECTING, AND MAINTAINING BARRICADES, DRUMS, VERTICAL PANELS, 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.
- A QUANTITY FOR "TEMPORARY ACCESS (ROAD)" HAS BEEN INCLUDED FOR USE IN PROVIDING PEDESTRIAN ACCESS ACROSS THE WIDENING OF THE INTERSECTIONS OF GREENWOOD ROAD AND THE FOLLOWING CROSS STREETS:

LINNEMAN STREET (1 EACH)
GLENVIEW ROAD (1 EACH)
KNOLLWOOD DRIVE (1 EACH)
SPRINGDALE ROAD (2 EACH)
ELMDALE ROAD (1 EACH)
- AT THE PRE-CONSTRUCTION CONFERENCE, THE CONTRACTOR SHALL FURNISH THE NAME AND TELEPHONE NUMBER OF THE INDIVIDUAL IN THE CONTRACTOR'S DIRECT EMPLOY WHO IS TO BE RESPONSIBLE, 24 HOURS-A-DAY, FOR THE INSTALLATION AND MAINTENANCE OF TRAFFIC CONTROL FOR THE PROJECT.



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PLOT SCALE = 1:2000' / IN.	CHECKED - DJK	REVISED -	2743			05-00161-00-CH	COOK	112	28	
PLOT DATE = 1/28/2010	DATE - 11-23-09	REVISED -	CONTRACT NO. 63383							
						SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CMM-M-8003(543)	