

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20R-5	LAKE	562	77
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
D-91-552-99		60881		

GENERAL NOTES:

THE CONTRACTOR SHALL PROVIDE ALL SIGNS, BARRICADES, TEMPORARY BARRIER WALLS AND PROTECTION NECESSARY FOR THE MAINTENANCE OF TRAFFIC AS NOTED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE ENGINEER.

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.

ALL BARRICADES AND VERTICAL PANELS SHALL BE EQUIPPED WITH MONO DIRECTIONAL STEADY BURNING LIGHTS.

THE CONTRACTOR SHALL USE PAVEMENT MARKING TAPE, TYPE III. FOR TEMPORARY LANE MARKING ON ALL PERMANENT PAVEMENT IN LIEU OF PAINT IN AREAS WHERE MARKING WILL CONFLICT WITH LATER STAGES. PAINT PAVEMENT MARKING SHALL BE USED ON SURFACES TO BE REMOVED OR OVERLAID, AND DO NOT CONFLICT WITH LATER STAGES.

SOLID WHITE LINES SHALL BE USED TO DEFINE OUTSIDE LANE LINES DURING MAINTENANCE OF TRAFFIC WHERE CURB AND GUTTER DOES NOT EXIST.

DOUBLE SOLID 100mm YELLOW LINES SHALL BE USED TO SEPARATE OPPOSING TRAFFIC.

THE CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY DRAINAGE AND EROSION PROTECTION DURING THE DURATION OF THE PROJECT.

ALL WARNING SIGNS WILL BE BLACK LEGEND AND BORDER ON ORANGE REFLECTORIZED BACKGROUND UNLESS OTHERWISE SPECIFIED. ALL WARNING SIGNS SHALL BE 48" x 48" (1.2m x 1.2m).

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.

ALL ADVANCE WARNING SIGNS FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION.

PAVEMENT MARKING: ALL TEMPORARY OR PERMANENT PAVEMENT MARKING PROPOSED WITHIN THE WORK AREA SHALL BE COMPLETED PRIOR TO THE CONSTRUCTION PHASE CHANGE.

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.

THE CONTRACTOR SHALL NOT CHANGE THE CONSTRUCTION STAGING PLANS WITHOUT WRITTEN APPROVAL OF THE ENGINEER AND I.D.O.T. AND ANY ADDITIONAL COSTS RESULTING FROM AN APPROVED CHANGE SHALL BE BORNE BY THE CONTRACTOR.

SEE MAINTENANCE OF TRAFFIC PLANS FOR LOCATION OF TEMPORARY CONCRETE BARRIER WALL.

TEMPORARY PAVEMENT SHOULD BE PLACED ON ANY LOCATION WHERE PROPOSED MEDIAN CANNOT BE PLACED DURING CONSTRUCTION AND USED AS TRAFFIC LANES.

"STOP AT LINE" SIGNS SHOULD BE PLACED AT ALL LOCATIONS WHERE STOP BAR PAVEMENT MARKINGS ARE INSTALLED.

"CAUTION - NEW LANES OPEN" SIGNS SHALL BE INSTALLED AND MAINTAINED IN ADVANCE OF ANY LANE SHIFT TO RECENTLY COMPLETED PAVEMENT, AS DIRECTED BY THE ENGINEER.

DESIGN OF IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE) PER MANUFACTURER TO BE NCHRP 350 COMPLIANT FOR POSTED SPEED (45MPH).

CONSTRUCTION STAGING NOTES

PRESTAGE

MAINTAIN TRAFFIC IN EXISTING TRAFFIC LANES USING DAY CLOSURE STANDARDS 701326, 701601, 701606 & 701701 AS NEEDED FOR CONSTRUCTION. CONSTRUCT TEMPORARY PAVEMENT AS SHOWN AND REMOVE CURB AND GUTTER AS SHOWN ON THE PLAN.

REMOVE BUILDING.

PERFORM NECESSARY TREE REMOVAL AND CLEARING.

CONSTRUCT THE FOLLOWING PROPOSED MAIN STORM SEWERS AND ASSOCIATED STRUCTURES. INSTALL PIPES 1, 2, 3, 4, 5, 6, 7, 8, 9, 15, 16, 17, 18, 19, 22, 23, 24, 25, 26, 27, 67, 68, 69, 70, 71.

ALLOW UTILITY RELOCATION AND/OR ADJUSTMENTS.

INSTALL TEMPORARY TRAFFIC SIGNALS AT IL 83, BUFFALO GROVE RD, ARBORETUM WAY, FIRE STATION, PRAIRIE RD, STEVENSON DR, AND OLD HALF DAY RD. SEE TEMPORARY TRAFFIC SIGNAL PLANS.

INSTALL TEMPORARY TRAFFIC CONTROL MEASURES FOR STAGE 1 CONSTRUCTION. SHIFT TRAFFIC.

STAGE 1 (CONT.)

INSTALL SHEET PILING AS REQUIRED FOR CONSTRUCTION.

CONSTRUCT MAIN STORM SEWERS AND ASSOCIATED STRUCTURES IN STAGE I AND IA WORK ZONES. INSTALL PIPES 10, 11, 12, 13, 14, 28, 29, 30, 31, 32, 33, 34, 35, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, AND 66.

INSTALL LATERALS TO PREVIOUSLY CONSTRUCTED SEWERS AS NEEDED DURING CONSTRUCTION.

CONSTRUCT THE INTERSECTIONS WITH THE IL 22 USING SUBSTAGE CONSTRUCTION. CONSTRUCT NEW WESTBOUND LANES FROM STA. 100+625 TO STA. 102+850.

CONSTRUCT THE NEW EASTBOUND PAVEMENT FROM STA. 102+850 TO STA.104+640

CONSTRUCT THE NORTH HALVES OF THE PROPOSED CULVERT CROSSINGS AT STA. 100+560 AND STA. 100+980.

CONSTRUCT SOUTH ONE HALF OF BOX CULVERT AT STA. 104+300.

CONSTRUCT THE NORTHBOUND LANES OF BUFFALO GROVE ROAD.

CONSTRUCT TEMPORARY PAVEMENT FROM STA. 101+760 TO STA. 101+850 AND STA. 102+350 TO STA. 102+390 AND OTHER SMALL AREAS AS NEEDED.

CONSTRUCT THE SOUTHBOUND LANES OF MAIN STREET / PRAIRIE ROAD SOUTH.

INSTALL TRAFFIC CONTROL FOR STAGE 1A CONSTRUCTION.

STAGE 1A

SHIFT TRAFFIC ON MAIN STREET / PRAIRIE ROAD SOUTH

CONSTRUCT THE NORTHBOUND LANES OF MAIN STREET /PRAIRIE ROAD SOUTH.

SHIFT TRAFFIC ON IL RTE 22 AT STA. 102+720 TO STA. 103+200.

CONSTRUCT WESTBOUND IL RTE 22 PAVEMENT FROM STA. 102+850 TO STA 103+155.

SHIFT TRAFFIC ON BUFFALO GROVE ROAD

CONSTRUCT SOUTHBOUND PAVEMENT ON BUFFALO GROVE ROAD.

CONSTRUCT ADDITIONAL TEMPORARY PAVEMENT AS INDICATED ON THE PLAN.

INSTALL TRAFFIC CONTROL FOR STAGE 2. ALL PAVEMENT MARKING ON FINAL PAVEMENT SHALL BE PAVEMENT MARKING TAPE, TYPE III.

STAGE 2

SHIFT TRAFFIC TO NEW CONFIGURATION.

CONSTRUCT REMAINDER OF STORM SEWERS AND APPURTENANCES.

CONSTRUCT REMAINDER OF THE INTERSECTIONS WITH IL-22 USING SUBSTAGE CONSTRUCTION.

CONSTRUCT EASTBOUND LANES FROM STA. 100+150 TO STA. 103+150.

CONSTRUCT NEW WESTBOUND PAVEMENT FROM STA. 103+150 TO STA. 104+600.

CONSTRUCT TEMPORARY PAVEMENT FROM STA. 104+175 TO STA. 104+350, STA. 100+625 TO STA. 100+815, AND FROM STA. 103+250 TO STA.103+460

CONSTRUCT THE SOUTH HALF OF THE PROPOSED CULVERT CROSSINGS AT STA. 100+560 AND STA. 100+980.

CONSTRUCT THE NORTH HALF OF THE PROPOSED CULVERT CROSSINGS AT STA. 103+770 AND STA. 104+500.

INSTALL TRAFFIC CONTROL AND PAVEMENT MARKING FOR NEXT STAGE.

STAGE 2A

SHIFT TRAFFIC ON BUFFALO GROVE ROAD.

COMPLETE SOUTHEAST QUADRANT PAVEMENT AT BUFFALO GROVE ROAD INTERSECTION.

STAGE 3

CONSTRUCT MEDIAN AND ISLANDS.

USE DAY CLOSURE STANDARDS AS NEEDED TO COMPLETE OTHER MINOR ITEMS AND CLEANUP.

SHAPE DITCHES.

INSTALL LANDSCAPING.

INSTALL PERMANENT SIGNS (COVERED).

PLACE PAVEMENT MARKING TAPE, TYPE III IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

REMOVE ALL TEMPORARY SIGNING AND TRAFFIC STAGING.

INSTALL PERMANENT STRIPING UTILIZING STANDARD DAILY LANE CLOSURES.

UNCOVER PERMANENT SIGNS.

TURN ON NEW TRAFFIC SIGNALS AND REMOVE TEMPORARY SIGNALS.

SIGNING LEGEND

G20-2 48" x 30"	W20-1 48" x 48"	W1-7 36" x 18"	W1-4(L) 48" x 48"	W1-4(R) 48" x 48"	RI-1 36" x 36"
(A)	(B)	(C)	(DL)	(DR)	(E)
RI1-2 48" x 30"	W20-3 48" x 48"	R3-1100R 24" x 24"	M6-2R 21" x 15"	W6-3 48" x 48"	RI3-1 24" x 24"
(F)	(G)	(H)	(I)	(J)	(K)
W21-1110(O)-48	R3-1 24" x 24"	W1-6 36" x 18"	R3-5L 30" x 36"	R3-5 30" x 36"	R3-5R 30" x 36"
(L)	(M)	(N)	(O)	(P)	(Q)
R3-6R 30" x 36"	R3-7L 30" x 30"	W4-2L 48" x 48"	W9-1L 48" x 48"	R5-1 48" x 48"	R5-1A 42" x 30"
(R)	(S)	(T)	(U)	(V)	(W)

THIS STREET WILL BE CLOSED FROM --- TO --- FOR CONSTRUCTION USE ALTERNATE ROUTE

CUSTOM (X)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 IL RTE 22 (FAP 337)
 IL RTE 83 TO US 45 / IL 21 (MILWAUKEE AVE)
 MAINTENANCE OF TRAFFIC
 GENERAL NOTES
 CONSTRUCTION STAGING NOTES
 SIGNING LEGEND
 SCALE: NONE DRAWN BY: JPM
 DATE: 03-22-2004 CHECKED BY: DAJ

DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
NO.	
SURVEYED	
PLOTTED	
DATE	
AREAS	
CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	
SURVEYED	
PLOTTED	
DATE	
AREAS	
CHECKED	