

**SUGGESTED MAINTENANCE OF TRAFFIC**

**STAGE 1A:**

-INSTALL EROSION CONTROL MEASURES. INSTALL CHAIN LINK FENCE 6' TEMPORARY TO SEPARATE THE WORK ZONE FROM TOWNE PARK. INSTALL CHAIN LINK FENCE 6' TEMPORARY SOUTH OF CRYSTAL CREEK TO THE NORTH SIDE OF THE EXISTING MCCD PRAIRIE PATH TO ENCLOSE THE STAGE 1A WORK ZONE.

-ON IL RTE 62, REMOVE CONFLICTING PAVEMENT MARKINGS AND SIGNAGE. INSTALL TEMPORARY PAVEMENT MARKINGS ON THE WESTBOUND SIDE. CLOSE OFF THE EASTBOUND LANES AND SHIFT TRAFFIC TO THE NORTH SIDE OF THE ROADWAY. SAWCUT THE TEMP EDGE OF PAVEMENT. REMOVE EXISTING PAVEMENT IN WORK ZONE. PLUG EXISTING STORM SEWERS. CONSTRUCT RETAINING WALL AT STATION 65+00 TO 68+00. CONSTRUCT TEMPORARY DRAINAGE AT STATION 57+78. CONSTRUCT STORM SEWER ALONG SOUTH SIDE OF IL ROUTE 62/ALGONQUIN ROAD. STUB-OUT LATERALS AS SHOWN ON THE M.O.T. PLANS. PLACE TRENCH BRACING AND TEMPORARY CONCRETE BARRIER TO MAINTAIN TWO-WAY THROUGH TRAFFIC. BEGIN POST OFFICE PARKING AND MAIL DROP STAGING. CONSTRUCT SANITARY SEWER ALONG SOUTH SIDE OF IL ROUTE 62/ALGONQUIN ROAD. CONSTRUCT STAGE PROPOSED PAVEMENT, MEDIAN AND CURBS AND GUTTERS. CONSTRUCT PERMANENT TRAFFIC SIGNAL AND CONTROLLER BASES, HAND HOLES, AND CONDUIT. CONSTRUCT ROADWAY LIGHTING. INSTALL GUARDRAIL.

-IN TOWNE PARK, PAVE TOWNE PARK ACCESS PATH THE VILLAGE OF ALGONQUIN WILL USE THE PATH FOR PARK ACCESS. COMPLETE TREE REMOVAL AND CLEARING WITHIN TOWNE PARK WORK ZONE. COMPLETE FOUNDATION AND PARKING LOT REMOVAL WITHIN FUTURE TOWNE PARK. BEGIN OFF SITE ROADWAY UNDERCUT AND STAGE I EMBANKMENT FOR STRUCTURAL SETTLEMENT. WRAP BRIDGE ABUTMENTS WITH COFFERDAMS AS CALLED OFF IN STRUCTURAL PLANS. CONSTRUCT NORTH AND SOUTH ABUTMENT WALLS FOR STRUCTURES TO SPAN CRYSTAL CREEK AND THE SOUTH ABUTMENT WALL FOR THE STRUCTURE TO SPAN RELOCATED IL ROUTE 62. COMPLETE STRUCTURAL FILL TO THE BASE OF THE ABUTMENT AND ROADWAY EMBANKMENT TO THE LINES SHOWN ON THE CROSS SECTIONS. THESE AREAS REQUIRE 5 1/2 MONTHS OF SETTLEMENT PRIOR TO RESUMPTION OF CONSTRUCTION OPERATIONS. UPSTREAM OF THE STRUCTURES COMPLETE ROUGH GRADING TO THE LINES SHOWN ON THE GRADING DETAILS. COMPLETE DETENTION AREA AND CONSTRUCT DETENTION BASIN CONTROL STRUCTURE. COMPLETE THE UNDER STRUCTURE RIP RAP, STABILIZE NORTH AND SOUTH BANKS OF CRYSTAL CREEK. COMPLETE ROUGH GRADING FOR MCCD PRAIRIE PATH. SEED AS SHOWN ON THE LANDSCAPING PLAN.

**STAGE 1B:**

-ON IL RTE 62, INSTALL EROSION CONTROL MEASURES. REMOVE CONFLICTING PAVEMENT MARKINGS AND SIGNAGE. INSTALL TEMPORARY PAVEMENT MARKINGS. CLOSE OFF EASTBOUND LANES. SHIFT TRAFFIC TO PERMANENT PAVEMENT CONSTRUCTED IN STAGE 1A. REMOVE EXISTING PAVEMENT IN WORK ZONE. PLUG EXISTING STORM SEWERS. BEGIN OFF SITE ROADWAY UNDERCUT AND STAGE I EMBANKMENT FOR STRUCTURAL SETTLEMENT. CONSTRUCT NORTH ABUTMENT WALL FOR THE STRUCTURE TO SPAN RELOCATED IL ROUTE 62. COMPLETE STRUCTURAL FILL TO THE BASE OF THE ABUTMENT AND ROADWAY EMBANKMENT TO THE LINES SHOWN ON THE CROSS SECTIONS. THESE AREAS REQUIRE FOUR MONTHS OF SETTLEMENT PRIOR TO RESUMPTION OF CONSTRUCTION OPERATIONS. CONSTRUCT REMAINDER OF THE STORM SEWER. CONTINUE POST OFFICE PARKING AND MAIL DROP STAGING. CONSTRUCT STAGE PROPOSED PAVEMENT, MEDIAN AND CURBS AND GUTTERS. COMPLETE POST OFFICE PARKING AND MAIL DROP STAGING CONSTRUCT PERMANENT TRAFFIC SIGNAL AND CONTROLLER BASES, HAND HOLES, AND CONDUIT. CONSTRUCT ROADWAY LIGHTING. PLACE PERMANENT PAVEMENT MARKINGS WITHIN THE WORK ZONE. PLACE REMAINDER OF THE PERMANENT PAVEMENT MARKINGS USING DAILY LANE CLOSURES IN ACCORDANCE WITH STANDARD 701601.

-COMPENSATE FOR SETTLEMENT AROUND THE STRUCTURES. CONSTRUCT BRIDGE ABUTMENTS, RETAINING WALLS AND ASSOCIATED DRAINAGE ITEMS.

-INSTALL EROSION CONTROL MEASURES. COMPLETE EMBANKMENT FOR MCCD PRARIE TRAIL FROM STATION 0+50 TO STATION 15+00. INSTALL CHAIN LINK FENCE 6' TEMPORARY ALONG THE REMAINDER OF THE NORTH SIDE OF THE EXISTING MCCD PRAIRIE PATH TO EXISTING ROUTE 31 AND ALONG THE SOUTH RAILROAD STREET RIGHT OF WAY ALONG THE LINES SHOWN ON THE PLAN TO ENCLOSE THE WORK AREA. COMPLETE TREE REMOVAL AND CLEARING WITHIN THE WORK ZONE. BEGIN OFF SITE ROADWAY UNDERCUT AND EMBANKMENT TO FINAL GRADE ALONG THE ALIGNMENT OF THE PROPOSED NOISE WALL ALONE IL ROUTE 31 FROM STA 112+00 TO 124+50. CONSTRUCT PROPOSED DRAINAGE STRUCTURES AND PIPES AS SHOWN. CONSTRUCT NOISE WALL.

-IN TOWNE PARK, MAINTAIN ACCESS FROM WASHINGTON STREET. BEGIN CONSTRUCTION OF CRYSTAL CREEK RELOCATION AFTER COMPLETION OF FOUNDER'S DAYS (JULY 26TH TO JULY 29TH 2012). BEGIN STAGED CONSTRUCTION OF TOWNE PARK JEFFERSON STREET PARKING LOT AND MCCD PRAIRIE PATH. COMPLETE GRADING BETWEEN THE ROUTE 31 RIGHT OF WAY AND MCCD PRAIRIE PATH. SEED AS SHOWN ON THE LANDSCAPING PLAN.

**STAGE 1C:**

-IN TOWNE PARK, INSTALL EROSION CONTROL MEASURES. INSTALL CHAIN LINK FENCE 6' TEMPORARY AROUND THE SECOND STAGE OF THE JEFFERSON STREET PARKING LOT AND WASHINGTON STREET PARK ACCESS AND AROUND THE PEDESTRIAN BRIDGE OVER THE RELOCATED CRYSTAL CREEK. OPEN THE TOWNE PARK JEFFERSON STREET PARKING LOT AND MCCD PRAIRIE PATH. PROVIDE ACCESS FROM THE PARKING LOT TO THE EXISTING STRUCTURE OVER CRYSTAL CREEK TO PROVIDE ACCESS TO TOWNE PARK. SHIFT BICYCLE TRAFFIC TO THE RELOCATED MCCD PRAIRIE PATH. COMPLETE TREE REMOVAL AND CLEARING

**STAGE 1C (CONTINUED):**

WITHIN THE WORK ZONE. REMOVE THE EXISTING MCCD PATH. COMPLETE THE JEFFERSON STREET PARKING LOT. CONSTRUCT THE WASHINGTON STREET PEDESTRIAN PARK ACCESS PATH AND PEDESTRIAN BRIDGE. COMPLETE PARK LANDSCAPING SEEDING OPERATIONS. RELOCATE CHAIN LINK FENCE 6' TEMPORARY TO TOE OF SLOPES ALONG RAMP B AND ILLINOIS ROUTE 62. COMPLETE SEEDING AS SHOWN ON THE LANDSCAPING PLAN. AFTER SEEDING HAS TAKEN HOLD, RELOCATE EROSION CONTROL MEASURES. OPEN TOWNE PARK AT THE DIRECTION OF THE ENGINEER.

**STAGE 2A:**

-NEW CONSTRUCTION OF IL ROUTE 31 AND RAMPS STATION 115+50 TO 168+80. INSTALL EROSION CONTROL MEASURES. REMOVE CONFLICTING CHAIN LINK FENCE 6' TEMPORARY. COMPLETE TREE REMOVAL AND CLEARING WITHIN THE WORK ZONE. BEGIN UNDERCUT AND EMBANKMENT. COMPLETE DRAINAGE ITEMS. CONTINUE CONSTRUCTION OF RETAINING WALLS. CONSTRUCT STAGE PROPOSED PAVEMENT, MEDIAN AND CURBS AND GUTTERS. INSTALL TEMPORARY PEDESTRIAN ENCLOSURE OVER MCCD PRAIRIE PATH UNDER STRUCTURES. PLACE SIGNAGE ALONG MCCD PRAIRIE PATH TO NOTIFY PATRONS THE SCHEDULE FOR TEMPORARY CLOSURES OF THE PATH DURING THE SETTING OF BEAMS, INSTALL PROTECTIVE SHIELD UNDER IL ROUTE 31 AND RAMP STRUCTURES FOR MCCD PRAIRIE PATH. INSTALL PROTECTIVE SHIELD UNDER IL ROUTE 31 IL FOR IL ROUTE 62. REMOVE TEMPORARY PEDESTRIAN ENCLOSURE AT THE DIRECTION OF THE ENGINEER. CONSTRUCT PERMANENT TRAFFIC SIGNAL INTERCONNECT, CONTROLLER BASES, HAND HOLES, AND CONDUIT. CONSTRUCT ROADWAY LIGHTING. INSTALL GUARDRAIL. REGRADE DITCHES AND DETENTION AREA NORTH OF ALGONQUIN ROAD. SEED AS SHOWN ON LANDSCAPING PLAN.

-CONSTRUCT TEMPORARY AGGREGATE ACCESS ROAD, INSTALL TEMPORARY PIPE CULVERT AND INSTALL TEMPORARY TRAFFIC CONTROL AND EROSION CONTROL MEASURES.

-NEW IL ROUTE 31 AND QUARRY ACCESS STATION 171+50 TO 178+60. INSTALL EROSION CONTROL MEASURES.

**STAGE 2B:**

-REMOVE EXISTING QUARRY ACCESS ROAD AND TEMPORARY RUN-AROUND ROAD. COMPLETE NEW CONSTRUCTION OF IL ROUTE 31 STATION 168+80 TO 171+50. INSTALL EROSION CONTROL MEASURES. CONSTRUCT STAGE PROPOSED PAVEMENT, MEDIAN AND CURB AND GUTTERS.

**STAGE 3A:**

-INSTALL EROSION CONTROL MEASURES.

-ON IL RTE 31, REMOVE CONFLICTING PAVEMENT MARKINGS AND SIGNAGE. COMPLETE TREE REMOVAL AND CLEARING. INSTALL TEMPORARY PAVEMENT MARKINGS ON THE SOUTHBOUND SIDE. CLOSE OFF THE NORTHBOUND LANES AND SHIFT TRAFFIC TO THE WEST SIDE OF THE ROADWAY. CONSTRUCT SANITARY SEWER ON EAST SIDE OF ILLINOIS ROUTE 31. CONNECT TO EXISTING SANITARY MANHOLE, CONSTRUCT WATERMAIN AND SANITARY SERVICE CROSSINGS AND INSTALL WATERMAIN AND HYDRANT AT EDGEBROOK DRIVE AND IL ROUTE 31 USING DAILY LANE CLOSURES. THE EXISTING PAVEMENT SHALL BE PATCHED WITH CLASS D PATCHES IN ACCORDANCE WITH STANDARD 442201. SINGLE THRU LANES WILL BE ALLOWED IN ACCORDANCE WITH STANDARD 70201. INSTALL PROPOSED PAVEMENT ALONG THE EAST SIDE OF ILLINOIS ROUTE 31 AS CALLED OUT ON THE MOT PLANS.

-INSTALL TEMPORARY CONCRETE BARRIERS BETWEEN THE EAST SIDEWALK AND CONSTRUCTION ALONG IL ROUTE 31 AND PROVIDE SIGNAGE FOR MCCD PRAIRIE PATH ROUTING NORTH ALONG IL ROUTE 31 SIDEWALK AND WEST ALONG JEFFERSON STREET TO CONNECT TO PROPOSED PATH. MAINTAIN MCCD DETOUR THROUGHOUT STAGE 3.

**STAGE 3B:**

-INSTALL EROSION CONTROL MEASURES.

-ON IL RTE 31 AND SOUTH MAIN STREET, REMOVE CONFLICTING PAVEMENT MARKINGS AND SIGNAGE. COMPLETE TREE REMOVAL AND CLEARING. INSTALL TEMPORARY PAVEMENT MARKINGS ON THE NORTHBOUND SIDE. CLOSE OFF THE SOUTHBOUND LANES AND SHIFT TRAFFIC TO THE EAST SIDE OF THE ROADWAY AND TEMPORARY PAVEMENT. SAWCUT THE TEMP EDGE OF PAVEMENT. REMOVE EXISTING PAVEMENT AND SIDEWALK IN WORK ZONE. BEGIN ROADWAY UNDERCUT AND EMBANKMENT. CONSTRUCT STORM AND UTILITIES USING DAILY LANE CLOSURES OF THE SINGLE THRU LANES WILL BE ALLOWED IN ACCORDANCE WITH STANDARD 70201. CONSTRUCT STAGE PAVEMENT, CURBS AND GUTTERS, SIDEWALKS, DRIVES AND PARKING LOTS. MAINTAIN ACCESS FOR ALL BUSINESSES AND RESIDENTS AT ALL TIMES. CONSTRUCT TRAFFIC SIGNALS AND LIGHTING.

-CLOSE SCENIC DRIVE. COMPLETE TREE REMOVAL AND CLEARING FOR CONSTRUCTIN OF RIGHT TURN LANE AND RETAINING WALL. SAWCUT PAVEMENT FOR CONSTRUCTION OF DRAINAGE CONNECTIONS. RELOCATE UTILITIES WITHIN THE WORK ZONE. CONSTRUCT RIGHT TURN LANE, RETAINING WALL AND STORM SEWER.

-ON HUNTINGTON DRIVE, INSTALL SIGNAGE FOR REGIONAL DETOUR. CONSTRUCT TEMPORARY ACCESS FOR (APARTMENT ADDRESS). REMOVE EXISTING PAVEMENT, SIDEWALK AND LIGHTING IN WORK ZONE. BEGIN WALL REMOVAL, BEGIN ROADWAY UNDERCUT AND EMBANKMENT. CONSTRUCT STORM SEWER, RETAINING WALLS, LIGHTING AND TRAFFIC SIGNALS IN STAGES TO MAINTAIN ACCESS FOR LEGION DRIVE RESIDENTS.

**STAGE 3B (CONTINUED):**

-ON LEGION DRIVE, STAGE REMOVAL AND CONSTRUCTION OPERATIONS TO MAINTAIN ACCESS FOR RESIDENTS AT ALL TIMES. REMOVE EXISTING PAVEMENT. BEGIN ROADWAY UNDERCUT AND EMBANKMENT. CONSTRUCT STORM SEWER AND UTILITIES. CONSTRUCT PAVEMENT, CURBS AND GUTTERS AND LANDSCAPING ELEMENTS.

-ON RAILROAD STREET, STAGE REMOVAL AND CONSTRUCTION OPERATIONS TO MAINTAIN ACCESS TO BUSINESSES AND RESIDENTS AT ALL TIMES. REMOVE EXISTING PAVEMENT, SIDEWALK AND LIGHTING IN WORK ZONE. BEGIN ROADWAY UNDERCUT AND EMBANKMENT. CONSTRUCT STORM SEWER. CONSTRUCT PAVEMENT, CURBS AND GUTTERS AND LANDSCAPING ELEMENTS.

**STAGE 3C:**

-INSTALL EROSION CONTROL MEASURES.

-ON IL RTE 31, REMOVE CONFLICTING PAVEMENT MARKINGS AND SIGNAGE. INSTALL TEMPORARY PAVEMENT MARKINGS ON THE SOUTHBOUND SIDE. CLOSE OFF THE CENTER LANES AND SHIFT TRAFFIC TO THE EAST AND WEST SIDES OF THE ROADWAY. SAWCUT THE TEMP EDGE OF PAVEMENT. REMOVE EXISTING PAVEMENT IN WORK ZONE. CONSTRUCT STAGE PROPOSED PAVEMENT, MEDIAN AND CURBS AND GUTTERS.

-INSTALL TEMPORARY PAVEMENT MARKINGS AND OPEN HUNTINGTON DRIVE, LEGION DRIVE AND RAILROAD STREET.

**STAGE 3D:**

-INSTALL EROSION CONTROL MEASURES.

-ON IL RTE 31, REMOVE CONFLICTING PAVEMENT MARKINGS AND SIGNAGE. INSTALL TEMPORARY PAVEMENT MARKINGS ON THE SOUTHBOUND SIDE. CLOSE OFF THE CENTER LANES AND SHIFT TRAFFIC TO THE EAST AND WEST SIDES OF THE ROADWAY. STAGE MILLING AND RESURFACING FROM EDGEWOOD AND THE RIGHT TURN LANE TO THE START OF RECONSTRUCTION. SAWCUT THE TEMP EDGE OF PAVEMENT. REMOVE EXISTING PAVEMENT IN WORK ZONE. CONSTRUCT STAGE PROPOSED PAVEMENT, MEDIAN AND CURBS AND GUTTERS.

-INSTALL TEMPORARY PAVEMENT MARKINGS.

-OPEN HUNTINGTON DRIVE, LEGION DRIVE AND RAILROAD STREET.

**STAGE 4A:**

-INSTALL EROSION CONTROL MEASURES.

-ON IL RTE 31, REMOVE CONFLICTING PAVEMENT MARKINGS AND SIGNAGE. COMPLETE TREE REMOVAL AND CLEARING. BEGIN UNDERCUT AND EMBANKMENT. INSTALL TEMPORARY PAVEMENT ON THE EAST SIDE OF THE EXISTING ALIGNMENT OF IL ROUTE 31. CLOSE OFF THE SOUTHBOUND LANES AND SHIFT TRAFFIC TO THE EAST SIDE OF THE ROADWAY. SAWCUT THE TEMP EDGE OF PAVEMENT. REMOVE EXISTING PAVEMENT IN WORK ZONE. COMPLETE CONSTRUCTION OF THE NEW ALIGNMENT AND PROPOSED IL ROUTE 31 NORTH MAIN STREET INTERSECTION. CONSTRUCT STAGE PROPOSED PAVEMENT, MEDIAN AND CURBS AND GUTTERS, LIGHTING, TRAFFIC SIGNAL CONTROLLER BASES, HAND HOLES, AND CONDUITS. COMPLETE LANDSCAPING ELEMENTS.

-MAINTAIN ACCESS FOR ALL BUSINESSES AND RESIDENTS AT ALL TIMES.

**STAGE 4B:**

-INSTALL EROSION CONTROL MEASURES.

-ON IL RTE 31, REMOVE CONFLICTING PAVEMENT MARKINGS AND SIGNAGE. COMPLETE TREE REMOVAL AND CLEARING. BEGIN UNDERCUT AND EMBANKMENT. SHIFT TRAFFIC TO THE PERMANENT PAVEMENT. SHIFT MEYER ACCESS FROM THE EXISTING ENTRANCE TO THE QUARRY ACCESS LEG OF THE INTERSECTION. CONSTRUCT STAGE PROPOSED PAVEMENT, MEDIAN AND CURBS AND GUTTERS, LIGHTING, TRAFFIC SIGNAL CONTROLLER BASES, HAND HOLES, AND CONDUITS. COMPLETE LANDSCAPING ELEMENTS.

-MAINTAIN ACCESS FOR ALL BUSINESSES AND RESIDENTS AND SIDE STREETS AT ALL TIMES.

**STAGE 4C:**

-INSTALL EROSION CONTROL MEASURES

-ON IL RTE 31, REMOVE CONFLICTING PAVEMENT MARKINGS AND SIGNAGE. INSTALL PERMANENT PAVEMENT MARKINGS THROUGHOUT PROJECT AREA. ACTIVATE SIGNALS. COMPLETE LANDSCAPING ELEMENTS.

-ON FRONTAGE ROAD, STAGE REMOVAL AND CONSTRUCTION OPERATIONS TO MAINTAIN ACCESS TO BUSINESSES AND RESIDENTS AT ALL TIMES. REMOVE EXISTING PAVEMENT IN WORK ZONE. BEGIN ROADWAY UNDERCUT AND EMBANKMENT. CONSTRUCT STORM SEWER. CONSTRUCT PAVEMENT AND LANDSCAPING ELEMENTS.

FILE NAME = ...\\08-MOT\0160F72-sht-MOT-01.dgn	USER NAME = ctb	DESIGNED - KWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAINTENANCE OF TRAFFIC</b>			O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 2.0000' / in.	CHECKED - GAB	REVISED -					0003	18A-2	MCHENRY	825	103	
	PLOT DATE = 5/2/2012	DATE - 5/3/2012	REVISED -		SCALE:			SHEET NO. 1 OF 47 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
											<b>CONTRACT NO. 60F72</b>		