

SEQUENCE OF CONSTRUCTION (PHASE 1)

PRESTAGE PHASE 1

CONSTRUCTION

- (1) PREPARE THE TEMPORARY SIGNALS AT ALL SIGNALIZED INTERSECTIONS FROM STA. 35+66.56 TO STA. 157+28.41 PER THE TEMPORARY SIGNAL PLANS.
- (2) RELOCATE ANY UTILITIES IN CONFLICT WITH PROPOSED WORK.
- (3) REMOVE ANY TREES IN CONFLICT WITH PROPOSED WORK.
- (4) INSTALL PROPOSED MAINLINE DRAINAGE STRUCTURES AND STORM SEWER PER PLAN. IN ORDER TO COMPLETE THE MAINLINE STORM SEWER TO THE OUTLETS, IT IS ANTICIPATED THAT THE CONTRACTOR WILL HAVE TO PATCH THE EXISTING PAVEMENT AT SOME LOCATIONS. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR CLASS D PATCHES OF THE TYPE AND THICKNESS SPECIFIED.
- (5) PREPARE THE MAINLINE SOUTHBOUND SHOULDER AND ALL INTERSECTIONS FOR STAGE 1 TRAFFIC BY CONSTRUCTING TEMPORARY PAVEMENT. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR LOCATIONS.
- (6) REMOVE CONFLICTING EXISTING SIGNS LOCATED ALONG NORTHBOUND AND SOUTHBOUND MAINLINE. RELOCATE EXISTING SIGNS AS NEEDED.
- (7) REMOVE ALL EXISTING RAISED PAVEMENT MARKERS AND MARKINGS IN CONFLICT WITH MOT STRIPING.

MAINTENANCE OF TRAFFIC

- (1) MAINTAIN THE EXISTING TRAFFIC CONFIGURATION.
- (2) UTILIZE IDOT STANDARDS 701001, 701006, 701011, 701106, 701201, 701306, 701311, 701701, AND 701901.

STAGE 1 PHASE 1

CONSTRUCTION

- (1) PLACE STAGE 1 TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS. SET TRAFFIC AND ACTIVATE SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT ALL SIGNALIZED INTERSECTIONS PER THE TEMPORARY SIGNAL PLANS.
- (2) REMOVE THE EXISTING NORTHBOUND PAVEMENT AND CONSTRUCT THE PROPOSED NORTHBOUND THRU LANES, RIGHT TURN LANES, AND THE OUTSIDE CURB AND GUTTER. CONSTRUCT THE LEFT TURN LANE PAVEMENT AND TEMPORARY PAVEMENT THAT IS REQUIRED FOR STAGE 2 TRAFFIC.
- (3) CONSTRUCT DRAINAGE AND PARKWAY IMPROVEMENTS ALONG MAINLINE AT LOCATIONS SHOWN IN THE PLANS.

MAINTENANCE OF TRAFFIC

- (1) MAINTAIN ONE LANE OF TRAFFIC, IN EACH DIRECTION, AS SHOWN IN THE PLANS.
- (2) NORTH AND SOUTHBOUND TRAFFIC WILL BE SHIFTED WEST FOR STAGE 1 CONSTRUCTION AND WILL UTILIZE THE EXISTING PAVEMENT AND TEMPORARY PAVEMENT.

STAGE 1 SUB-STAGE 1 PHASE 1

CONSTRUCTION

- (1) IT IS ANTICIPATED THAT THE CONTRACTOR SHALL KEEP ALL SIDESTREETS OPEN DURING THE CONSTRUCTION OF THE NORTHBOUND THRU LANES AND ALL OF THE SIDESTREETS.
- (2) CONSTRUCT THE SOUTHWEST QUADRANTS OF ARMY TRAIL ROAD AND LAKE STREET. CONSTRUCT THE NORTHEAST QUADRANT OF NORDIC ROAD. CONSTRUCT THE THRU LANES, RIGHT TURN LANE, AND ONE LEFT TURN LANE OF EASTBOUND ARMY TRAIL ROAD. CONSTRUCT THE THRU LANES AND RIGHT TURN LANE OF SOUTHEASTBOUND LAKE STREET. CONSTRUCT THE TEMPORARY PAVEMENT THAT IS REQUIRED FOR TRAFFIC IN LATER SUB-STAGES AT LOCATIONS SHOWN IN THE PLANS. CONSTRUCT THE DRAINAGE AND PARKWAY IMPROVEMENTS ALONG ALL SIDESTREETS AT LOCATIONS SHOWN IN THE PLANS.

MAINTENANCE OF TRAFFIC

- (1) MAINTAIN ONE LANE OF TRAFFIC, IN EACH DIRECTION, AS SHOWN IN THE PLANS.

STAGE 1 SUB-STAGE 2 PHASE 1

CONSTRUCTION

- (1) CONSTRUCT THE REMAINING LEFT TURN LANE OF EASTBOUND ARMY TRAIL ROAD. CONSTRUCT THE LEFT TURN LANES OF WESTBOUND ARMY TRAIL ROAD AND NORDIC ROAD. CONSTRUCT THE LEFT TURN LANES IN BOTH DIRECTIONS OF LAKE STREET. CONSTRUCT THE TEMPORARY PAVEMENT THAT IS REQUIRED FOR TRAFFIC IN LATER SUB-STAGES AT LOCATIONS SHOWN IN THE PLANS. CONSTRUCT THE DRAINAGE AND PARKWAY IMPROVEMENTS ALONG ALL SIDESTREETS AT LOCATIONS SHOWN IN THE PLANS.

MAINTENANCE OF TRAFFIC

- (1) MAINTAIN ONE LANE OF TRAFFIC, IN EACH DIRECTION, AS SHOWN IN THE PLANS.

SEQUENCE OF CONSTRUCTION (PHASE 1) CONTINUED

STAGE 1 SUB-STAGE 3 PHASE 1

CONSTRUCTION

- (1) CONSTRUCT THE NORTHEAST QUADRANTS OF ARMY TRAIL ROAD AND LAKE STREET. CONSTRUCT THE SOUTHWEST QUADRANT OF NORDIC ROAD. CONSTRUCT THE THRU LANES AND RIGHT TURN LANE OF WESTBOUND ARMY TRAIL ROAD. CONSTRUCT THE THRU LANES AND RIGHT TURN LANE OF NORTHWESTBOUND LAKE STREET. CONSTRUCT THE TEMPORARY PAVEMENT THAT IS REQUIRED FOR TRAFFIC IN LATER SUB-STAGES AT LOCATIONS SHOWN IN THE PLANS. CONSTRUCT THE DRAINAGE AND PARKWAY IMPROVEMENTS ALONG ALL SIDESTREETS AT LOCATIONS SHOWN IN THE PLANS.

MAINTENANCE OF TRAFFIC

- (1) MAINTAIN ONE LANE OF TRAFFIC, IN EACH DIRECTION, AS SHOWN IN THE PLANS.

STAGE 2 PHASE 1

CONSTRUCTION

- (1) PLACE STAGE 2 TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS. SET TRAFFIC AND ACTIVATE SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT ALL SIGNALIZED INTERSECTIONS PER THE TEMPORARY SIGNAL PLANS.
- (2) REMOVE THE STAGE 1 TEMPORARY PAVEMENT AND EXISTING SOUTHBOUND PAVEMENT. CONSTRUCT THE PROPOSED SOUTHBOUND THRU LANES, RIGHT TURN LANES, AND THE OUTSIDE CURB AND GUTTER. CONSTRUCT THE LEFT TURN PAVEMENT AS SHOWN IN THE PLANS.
- (3) CONSTRUCT DRAINAGE AND PARKWAY IMPROVEMENTS ALONG MAINLINE AT LOCATIONS SHOWN IN THE PLANS.
- (4) CONSTRUCT NOISE WALL ALONG WEST SIDE OF IL ROUTE 53 FROM STA. 83+50 TO STA. 89+00.

MAINTENANCE OF TRAFFIC

- (1) MAINTAIN ONE LANE OF TRAFFIC, IN EACH DIRECTION, AS SHOWN IN THE PLANS.
- (2) NORTH AND SOUTHBOUND TRAFFIC WILL BE SHIFTED EAST ONTO THE NEWLY CONSTRUCTED PAVEMENT FROM STAGE 1. TRAFFIC WILL UTILIZE THE NEW PAVEMENT AND TEMPORARY PAVEMENT AS SHOWN IN THE PLANS.

STAGE 2 SUB-STAGE 1 PHASE 1

CONSTRUCTION

- (1) IT IS ANTICIPATED THAT THE CONTRACTOR SHALL KEEP ALL SIDESTREETS OPEN DURING THE CONSTRUCTION OF THE SOUTHBOUND THRU LANES AND ALL OF THE SIDESTREETS.
- (2) CONSTRUCT THE NORTHWEST QUADRANTS OF ARMY TRAIL ROAD AND LAKE STREET. CONSTRUCT THE SOUTHWEST QUADRANT OF NORDIC ROAD. CONSTRUCT THE TEMPORARY PAVEMENT THAT IS REQUIRED FOR TRAFFIC IN LATER SUB-STAGES AT LOCATIONS SHOWN IN THE PLANS. CONSTRUCT THE DRAINAGE AND PARKWAY IMPROVEMENTS ALONG ALL SIDESTREETS AT LOCATIONS SHOWN IN THE PLANS.

MAINTENANCE OF TRAFFIC

- (1) MAINTAIN ONE LANE OF TRAFFIC, IN EACH DIRECTION, AS SHOWN IN THE PLANS.

STAGE 2 SUB-STAGE 2 PHASE 1

CONSTRUCTION

- (1) CONSTRUCT THE REMAINING PORTIONS OF THE TURN LANES ON THE WEST LEGS OF ARMY TRAIL ROAD AND LAKE STREET. CONSTRUCT THE LEFT TURN OF EASTBOUND NORDIC ROAD. CONSTRUCT THE DRAINAGE AND PARKWAY IMPROVEMENTS ALONG ALL SIDESTREETS AT LOCATIONS SHOWN IN THE PLANS.

MAINTENANCE OF TRAFFIC

- (1) MAINTAIN ONE LANE OF TRAFFIC, IN EACH DIRECTION, AS SHOWN IN THE PLANS.

STAGE 2 SUB-STAGE 3 PHASE 1

CONSTRUCTION

- (1) CONSTRUCT THE SOUTHWEST QUADRANTS OF ARMY TRAIL ROAD AND LAKE STREET. CONSTRUCT THE NORTHWEST QUADRANT OF NORDIC ROAD. CONSTRUCT THE DRAINAGE AND PARKWAY IMPROVEMENTS ALONG ALL SIDESTREETS AT LOCATIONS SHOWN IN THE PLANS.

MAINTENANCE OF TRAFFIC

- (1) MAINTAIN ONE LANE OF TRAFFIC, IN EACH DIRECTION, AS SHOWN IN THE PLANS.

SEQUENCE OF CONSTRUCTION (PHASE 1) CONTINUED

STAGE 3 PHASE 1

CONSTRUCTION

- (1) PLACE STAGE 3 TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS. SET TRAFFIC AND ACTIVATE SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT ALL SIGNALIZED INTERSECTIONS PER THE TEMPORARY SIGNAL PLANS.
- (2) REMOVE ANY EXISTING TEMPORARY PAVEMENT. FINISH CONSTRUCTION OF THE REMAINING LEFT TURN LANE. FINISH CONSTRUCTION OF THE REMAINING DRAINAGE STRUCTURES, MEDIANS, AND MEDIAN CURB AND GUTTER.
- (3) INSTALL PERMANENT PAVEMENT MARKINGS, RAISED PAVEMENT REFLECTORS AND LANDSCAPING.
- (4) COMPLETE THE INSTALLATION OF PROPOSED TRAFFIC SIGNALS AT ALL SIGNALIZED INTERSECTIONS FROM STA. 35+66.56 TO STA. 157+28.41.
- (5) REMOVE TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTIONS.

MAINTENANCE OF TRAFFIC

- (1) SOUTHBOUND TRAFFIC WILL BE SHIFTED WEST ONTO THE NEWLY CONSTRUCTED PAVEMENT FROM STAGE 2.
- (2) MAINTAIN ONE LANE OF TRAFFIC IN BOTH DIRECTIONS FROM PROJECT START UNTIL STA. 129+17.17 AS SHOWN IN THE PLANS.
- (3) MAINTAIN ONE LANE OF TRAFFIC IN SOUTHBOUND DIRECTION FROM STA. 129+17.17 TO STA. 136+69.47 AS SHOWN IN THE PLANS.
- (4) MAINTAIN TWO LANES OF TRAFFIC IN BOTH DIRECTIONS FROM STA. 136+69.47 TO THE END OF THE PROJECT AS SHOWN IN THE PLANS.
- (4) PROVIDE LEFT TURN LANES ON IL ROUTE 53 FOR MINOR SIDE STREETS AT LOCATIONS SHOWN IN THE PLANS.

SEQUENCE OF CONSTRUCTION (PHASE 2)

PRESTAGE PHASE 2

CONSTRUCTION

- (1) PREPARE THE TEMPORARY SIGNALS AT ALL SIGNALIZED INTERSECTIONS FROM ARDMORE AVENUE TO THE PROJECT LIMIT PER THE TEMPORARY SIGNAL PLANS.
- (2) RELOCATE ANY UTILITIES IN CONFLICT WITH PROPOSED PRESTAGE SUB-STAGE WORK.
- (3) REMOVE ANY TREES IN CONFLICT WITH PROPOSED PRE-STAGE SUB-STAGE WORK.
- (4) INSTALL PROPOSED MAINLINE DRAINAGE STRUCTURES AND STORM SEWER PER PLAN. IN ORDER TO COMPLETE THE MAINLINE STORM SEWER TO THE OUTLETS, IT IS ANTICIPATED THAT THE CONTRACTOR WILL HAVE TO PATCH THE EXISTING PAVEMENT AT SOME LOCATIONS. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR CLASS D PATCHES OF THE TYPE AND THICKNESS SPECIFIED.
- (5) PREPARE THE MAINLINE SOUTHBOUND SHOULDER (FROM STA. 218+72.83 TO THE PROJECT LIMIT), ARDMORE AVENUE, THORNDALE AVENUE, AND NORWOOD AVENUE FOR PRESTAGE SUB-STAGE TRAFFIC BY CONSTRUCTING TEMPORARY PAVEMENT. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR LOCATIONS.
- (6) REMOVE CONFLICTING EXISTING SIGNS LOCATED FROM STA. 216+50 TO THE PROJECT LIMIT ALONG NORTHBOUND AND SOUTHBOUND MAINLINE. RELOCATE EXISTING SIGNS AS NEEDED.
- (7) REMOVE ALL EXISTING RAISED PAVEMENT MARKERS AND MARKINGS IN CONFLICT WITH MOT STRIPING.



MAINTENANCE OF TRAFFIC

- (1) MAINTAIN THE EXISTING TRAFFIC CONFIGURATION.
- (2) UTILIZE IDOT STANDARDS 701001, 701006, 701011, 701106, 701201, 701306, 701311, 701701, AND 701901.

PRESTAGE SUB-STAGE 1 PHASE 2

CONSTRUCTION

- (1) PLACE PRESTAGE SUB-STAGE 1 TRAFFIC CONTROL DEVICES AND TEMPORARY PAVEMENT MARKINGS. SET TRAFFIC AND ACTIVATE SIGNAL HEADS FOR THE TEMPORARY TRAFFIC SIGNALS AT ALL SIGNALIZED INTERSECTIONS FROM ARDMORE AVENUE TO THE PROJECT LIMIT PER THE TEMPORARY SIGNAL PLANS.
- (2) IT IS ANTICIPATED THAT THE CONTRACTOR SHALL KEEP ALL SIDESTREETS OPEN DURING THE CONSTRUCTION OF THE NORTHBOUND THRU LANES AND ALL OF THE SIDESTREETS.
- (3) REMOVE THE EXISTING NORTHBOUND PAVEMENT FROM STA. 246+40.75 TO THE PROJECT LIMIT AND CONSTRUCT THE PROPOSED NORTHBOUND THRU LANE(S), RIGHT TURN LANE, AND THE OUTSIDE CURB AND GUTTER. CONSTRUCT THE NORWOOD AVENUE TEMPORARY ACCESS ROAD THAT IS REQUIRED FOR STAGE 1 TRAFFIC, THE TEMPORARY CULVERT UNDER THE TEMPORARY ACCESS ROAD, AND THE TEMPORARY PAVEMENT THAT IS REQUIRED FOR PRESTAGE SUB-STAGE 2 TRAFFIC.
- (4) CONSTRUCT DRAINAGE AND PARKWAY IMPROVEMENTS ALONG MAINLINE AT LOCATIONS SHOWN IN THE PLANS.
- (5) PREPARE THE TEMPORARY SIGNALS AT ALL SIGNALIZED INTERSECTIONS FROM STA. 170+12.11 THROUGH BRYN MAWR AVENUE PER THE TEMPORARY SIGNAL PLANS.
- (6) RELOCATE ANY REMAINING UTILITIES IN CONFLICT WITH PROPOSED WORK.
- (7) REMOVE ANY REMAINING TREES IN CONFLICT WITH PROPOSED WORK.
- (8) INSTALL PROPOSED MAINLINE DRAINAGE STRUCTURES AND STORM SEWER PER PLAN. IN ORDER TO COMPLETE THE MAINLINE STORM SEWER TO THE OUTLETS, IT IS ANTICIPATED THAT THE CONTRACTOR WILL HAVE TO PATCH THE EXISTING PAVEMENT AT SOME LOCATIONS. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR CLASS D PATCHES OF THE TYPE AND THICKNESS SPECIFIED.
- (9) PREPARE THE REMAINING MAINLINE SOUTHBOUND SHOULDER AND ALL REMAINING INTERSECTIONS FOR STAGE 1 TRAFFIC BY CONSTRUCTING TEMPORARY PAVEMENT. SEE MAINTENANCE OF TRAFFIC PLAN SHEETS FOR LOCATIONS.
- (10) REMOVE ALL EXISTING RAISED PAVEMENT MARKERS AND MARKINGS IN CONFLICT WITH MOT STRIPING.

	PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME = ckersten(Lisa.R) PLOT CONFIG = PDF(Greg.Large).plt PLOT SCALE = 1:50 PLOT DATE = 12/31/2010	DESIGNED - MJV DRAWN - MJV CHECKED - JJC DATE - 12/31/2010	REVISED - REVISED - REVISED - REVISED -	 Illinois Department of Transportation	ILLINOIS ROUTE 53 MAINTENANCE OF TRAFFIC SEQUENCE OF CONSTRUCTION PHASE 1 AND PHASE 2	F.A. RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 108	CONTRACT NO. 60477
	SCALE: N/A SHEET MOT-02 OF 136 STA. TO STA.						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					