



**ORCHARD ROAD
STAGE IV**

STA. 111+22 TO STA. 175+20

LEGEND

- ① EXISTING PAVEMENT
- ② TEMPORARY PAVEMENT, 10" WITH SUB-BASE GRANULAR MATERIAL, TYPE B, 4" (INCIDENTAL TO TEMPORARY PAVEMENT)
- ③ PROPOSED PAVEMENT
- ④ TEMPORARY PAVEMENT MARKING

PROJECT CONSTRUCTION STAGE IV

TRAFFIC MAINTENANCE:

ORCHARD ROAD - TRAFFIC SHALL BE MAINTAINED ON THE ORCHARD ROAD PAVEMENT BUILT IN PREVIOUS STAGES WITH TWO LANES OF TRAFFIC IN EACH DIRECTION. TRAFFIC CONTROL SHALL BE INSTALLED AS DETAILED IN THESE PLANS.

SIDE STREETS - TRAFFIC SHALL BE MAINTAINED ON THE SIDE STREET PAVEMENT BUILT IN PREVIOUS STAGES WITH ONE LANE OF TRAFFIC IN EACH DIRECTION. TRAFFIC CONTROL SHALL BE INSTALLED AS DETAILED IN THESE PLANS.

THE FOLLOWING WORK ITEMS ARE TO BE COMPLETED DURING STAGE IV:

- TRAFFIC CONTROL ITEMS, TEMPORARY PAVEMENT MARKING AND OTHER TRAFFIC CONTROL DEVICES SHALL BE INSTALLED THROUGHOUT THE CONSTRUCTION AREA PRIOR TO WORK COMMENCING.
- CONSTRUCT MEDIAN ON ORCHARD ROAD NORTH OF STATION 155+41
- CONSTRUCT ISLANDS AT INTERSECTIONS WITH ORCHARD ROAD
- REMOVE TEMPORARY PAVEMENT IN MEDIAN FROM STA. 172+62.60 TO 175+19.60 AND RECONSTRUCT MEDIAN WITH CURB AND GUTTER, TOPSOIL AND SOD.

MAINTENANCE OF TRAFFIC NOTES

ALL OF THE TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE TRAFFIC CONTROL PLANS OR THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AND SHALL BE IN PLACE BEFORE CONSTRUCTION IS STARTED. TEMPORARY TRAFFIC SIGNALS SHALL BE CONSTRUCTED AT THE JERICHO ROAD INTERSECTION AND SHALL BE ADJUSTED TO ACCOMMODATE THE VARIOUS STAGES OF CONSTRUCTION SHOWN. EXISTING STOP AND STOP AHEAD SIGNS ALONG ORCHARD ROAD SHALL BE RELOCATED TO CONTROL SIDE STREET OR ENTRANCE TRAFFIC FOR THE VARIOUS STAGES OF CONSTRUCTION.

THE TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR THE SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY IMPROVE OR MODIFY THE TRAFFIC CONTROL PLANS FOR HIS CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CONTRACTOR PROPOSED TRAFFIC CONTROL PLANS SHALL BE SUBMITTED FOR THE WRITTEN APPROVAL OF THE ENGINEER.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. ADDITIONAL SIGNS, IF REQUIRED BY THE ENGINEER, SHALL BE PAID FOR IN SQUARE FEET FOR TEMPORARY INFORMATION SIGNING.

THE CONTRACTOR SHALL PROVIDE ADVANCE NOTICE CONSTRUCTION SIGNING, SIGNS SHALL BE ERECTED ONE WEEK IN ADVANCE OF THE START OF CONSTRUCTION. SIGNS SHALL BE TAKEN DOWN AS SOON AS THEY ARE NO LONGER APPLICABLE ON A CONTINUOUS BASIS AND RE-ERECTED AS APPROPRIATE.

EXAMPLES OF SIGNS ARE AS FOLLOWS:
TEMPORARY LANE CLOSURE
EXAMPLE: "PERIODIC LANE CLOSURES BEGIN (DATE) EXPECT DELAYS."

REMOVAL OF ANY EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE TEMPORARY PAVEMENT MARKINGS FOR TRAFFIC CONTROL AND PROTECTION PLANS OR WITH THE PERMANENT STRIPING, SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL.

THE FOLLOWING TEMPORARY PAVEMENT MARKINGS SHALL BE PROVIDED AT ALL THE FOLLOWING LOCATIONS IN EACH OF THE VARIOUS STAGES OF CONSTRUCTION:

- 4in WHITE EDGE LINE - EACH EDGE (YELLOW FOR INSIDE EDGE)
- 4in WHITE SKIP DASH (30ft SKIP - 10ft DASH) - BETWEEN LANES
- 4in DOUBLE YELLOW - MEDIANS AND BETWEEN OPPOSING LANES
- 6in WHITE LANE LINE - STORAGE AREA OF LEFT OR RIGHT TURN BAY
- 6in WHITE SKIP DASH (6ft SKIP-2ft DASH) LEFT OR RIGHT TURN BAY
- 12in YELLOW DIAGONALS (20ft C-C) - MEDIANS AND GORES
- 2ft WHITE STOP BAR - ALL LOCATIONS
- WHITE LETTERS AND SYMBOLS - TURN LANES

IT WILL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE UP TO 10 INFORMATIONAL SIGNS ON TEMPORARY SUPPORTS FOR DRIVEWAYS. THESE SIGNS SHALL BE WHITE ON GREEN IN ACCORDANCE WITH THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES. THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT. IF MORE THAN 10 SIGNS ARE REQUIRED, THIS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT OF TEMPORARY INFORMATION SIGNING.

TEMPORARY PAVEMENT IS REQUIRED TO MAINTAIN THE REQUIRED TRAFFIC LANES AS SHOWN ON THE STAGING PLANS. TEMPORARY PAVEMENT SHALL BE CONSTRUCTED OF 10 INCHES OF BITUMINOUS BASE COURSE, SUPERPAVE MATERIAL, PAID FOR AS TEMPORARY PAVEMENT. TEMPORARY PAVEMENT RAMP IS REQUIRED TO MAINTAIN THE TRAFFIC ACROSS THE EXISTING ORCHARD ROAD AND JERICHO ROAD PAVEMENT FOR THE SIDE STREETS AND DRIVEWAYS DURING STAGES AS SHOWN ON THE PLANS. AN ESTIMATED QUANTITY OF TONS HAS BEEN INCLUDED. REMOVAL OF THE TEMPORARY PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO THE PAY ITEM.

ALL FULL DEPTH SAWCUTTING NECESSARY FOR STAGED CONSTRUCTION SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

THE SPEED LIMIT SIGN AS SHOWN IN STANDARD 702001 SHALL BE AVAILABLE FOR PLACEMENT ON ORCHARD ROAD AND ON JERICHO ROAD FOR THE DURATION OF THE PROJECT AS DIRECTED BY THE ENGINEER. THIS ITEM WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCIDENTAL TO THE TRAFFIC CONTROL & PROTECTION SPECIAL.

TWO (2) MONODIRECTIONAL FLASHING LIGHTS SHALL BE REQUIRED ON ALL TYPE III BARRICADES.

TYPE III BARRICADES SHALL BE PLACED ADJACENT TO ALL COMMERCIAL ENTRANCES PERPENDICULAR TO ORCHARD ROAD. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".

"ROAD CONSTRUCTION AHEAD" AND "ARROW" SIGNS SHALL BE PLACED ON ALL SIDE STREETS IN ACCORDANCE WITH THE STAGING PLANS. THE EXACT LOCATION WILL BE DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION. RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE LIMITS OF CONSTRUCTION THAT CONFLICT WITH STAGE CONFIGURATIONS SHALL HAVE THE LENSES REMOVED AS INCIDENTAL TO THE STAGE STRIPING. WHEN TRAFFIC IS RELOCATED TO THE FINAL LOCATION, THESE LENSES SHALL BE REPLACED AND PAID FOR AS "TEMPORARY RAISED REFLECTIVE PAVEMENT MARKERS."

REFLECTIVE SHEETING SHALL BE PROVIDED ON BOTH SIDES OF BARRICADES.

THE FURNISHING, INSTALLATION, RELOCATION AND REMOVAL OF ALL TRAFFIC CONTROL SIGNS, DETOUR SIGNS AND TRAFFIC CONTROL DEVICES SHOWN ON THESE STAGE CONSTRUCTION AND MAINTENANCE OF TRAFFIC PLANS AND THE APPLICABLE I.D.O.T. TRAFFIC CONTROL STANDARDS SHALL BE PAID FOR UNDER THE PAY ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)". THE CONTRACTOR SHALL PROVIDE ANY ADDITIONAL SIGNS AS REQUIRED BY THE ENGINEER, THE COST OF WHICH WILL ALSO BE INCLUDED IN "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)".

THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE SHIFTED/MODIFIED AS NEEDED AT ALL THE LOCATIONS FOR ALL THE STAGES AND SUB STAGES AS DIRECTED AT THE SATIFICATION OF THE ENGINEER AND SHALL NOT BE PAID SEPARATELY BUT SHALL BE INCIDENTAL TO THE TEMPORARY TRAFFIC SIGNAL COST OF THE PARTICULAR INTERSECTION.

ALL TEMPORARY PAVEMENT MARKING, ON FINAL PAVEMENT SURFACES, SHALL BE PAVEMENT MARKING TAPE, TYPE III UNLESS NOTED OTHERWISE.

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12/17/2010
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200 West Front Street
Wheaton, IL 60187

DESIGNED - MK	REVISED -
DRAWN - DW	REVISED -
CHECKED - MH	REVISED -
DATE - 12/20/2010	REVISED -

**KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION**

**MAINTENANCE OF TRAFFIC
TYPICAL SECTIONS AND NOTES
STAGE IV**

SCALE: 1" = 50' SHEET NO. 22 OF 26 SHEETS STA. TO STA.

F.A.P. RTE. 336	SECTION 99-00232-01-WR	COUNTY KANE	TOTAL SHEETS 215	SHEET NO. 41
CONTRACT NO. 63541			ILLINOIS FED. AID PROJECT	