

**PRE-STAGE:**

**US ROUTE 30:**

PRESTAGE A: MAINTAIN EXISTING 2-WAY TRAFFIC USING HIGHWAY STANDARD 701326 DURING CONSTRUCTION OF TEMPORARY WIDENING ALONG THE SOUTH EDGE OF US ROUTE 30.  
 PRESTAGE B: REMOVE THE EXISTING CENTER MEDIAN FROM STA. 308+50.00 TO STA. 313+25.22 AND FROM STA. 435+00.00 TO STA. 442+75.00 AND CONSTRUCT TEMPORARY PAVEMENT USING HIGHWAY STANDARD 701701. REMOVE EXISTING SIGNALS & INSTALL TEMPORARY SIGNALS AND INTERCONNECT.

**DOUGLAS ROAD:**

MAINTAIN NORTHBOUND TRAFFIC ON THE WESTERNMOST NORTHBOUND THRU LANE USING STANDARD 701701. REMOVE EXISTING CURB AND GUTTER AND CONSTRUCT TEMPORARY WIDENING AND TEMPORARY CURB AND GUTTER ALONG THE EAST EDGE OF DOUGLAS ROAD NORTH AND SOUTH OF US ROUTE 30. ON THE SOUTH LEG, REMOVE THE CENTER MEDIAN FROM 206+51.64 TO 210+04.05 AND CONSTRUCT TEMPORARY PAVEMENT USING TRAFFIC CONTROL STANDARD 701701.

**STAGE 1:**

**US ROUTE 30:**

INSTALL STAGE 1 TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. MAINLINE 2-WAY TRAFFIC WILL UTILIZE THE TWO SOUTHERNMOST LANES, ONE OF WHICH INCLUDES THE TEMPORARY WIDENING, WHILE THE NORTH HALF OF THE MAINLINE IS CONSTRUCTED.

**DOUGLAS ROAD:**

ALL TRAFFIC ON DOUGLAS ROAD WILL UTILIZE THE EAST HALF OF DOUGLAS ROAD DURING CONSTRUCTION OF THE WEST SIDE OF DOUGLAS, THEN BE SHIFTED TO THE WEST HALF DURING CONSTRUCTION OF THE EAST HALF.

**FIFTH STREET:**

ALL TRAFFIC ON FIFTH STREET WILL UTILIZE THE EAST HALF OF FIFTH STREET DURING CONSTRUCTION OF THE WEST HALF, THEN BE SHIFTED TO THE WEST HALF DURING CONSTRUCTION OF THE EAST HALF.

**STRUCTURE OVER WAUBANSEE CREEK:**

TRAFFIC WILL UTILIZE THE EXISTING STRUCTURE WHILE THE NORTH PORTION OF THE NEW STRUCTURE IS CONSTRUCTED. TEMPORARY PAVEMENT WIDENING IS TO BE CONSTRUCTED FROM STATION 415+87.00 TO 424+63.19 TO ACCOMODATE STAGE 2 TRAFFIC ON THE STRUCTURE.

**GOODWIN DRIVE:**

ALL TRAFFIC ON GOODWIN DRIVE WILL UTILIZE THE WEST HALF OF GOODWIN DRIVE DURING CONSTRUCTION OF THE EAST HALF, THEN BE SHIFTED TO THE EAST SIDE DURING CONSTRUCTION OF THE WEST HALF.

**READING DRIVE:**

SHALL BE CLOSED BETWEEN GOODWIN DRIVE AND COMMERCIAL ENTRANCE.

**STAGE 2:**

**US ROUTE 30:**

INSTALL STAGE 2 TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. MAINLINE 2-WAY TRAFFIC WILL UTILIZE THE TWO NORTHERNMOST LANES WHILE THE SOUTH HALF OF THE MAINLINE IS CONSTRUCTED.

**DOUGLAS ROAD:**

ALL TRAFFIC ON DOUGLAS ROAD WILL UTILIZE THE WEST HALF OF DOUGLAS ROAD DURING CONSTRUCTION OF THE SOUTHEAST CORNER OF THE INTERSECTION, THEN BE SHIFTED TO THE EAST SIDE DURING CONSTRUCTION OF THE SOUTHWEST CORNER OF THE INTERSECTION.

**FIFTH STREET:**

ALL TRAFFIC ON FIFTH STREET WILL UTILIZE THE EAST HALF OF FIFTH STREET DURING CONSTRUCTION OF THE SOUTHWEST CORNER OF THE INTERSECTION, THEN BE SHIFTED TO THE WEST SIDE DURING CONSTRUCTION OF THE SOUTHEAST CORNER OF THE INTERSECTION.

**STRUCTURE OVER WAUBANSEE CREEK:**

US ROUTE 30 2-WAY TRAFFIC WILL UTILIZE THE NORTH PORTION OF THE NEW STRUCTURE CONSTRUCTED IN STAGE 1. TEMPORARY CROSSOVER WILL BE INSTALLED FROM STA. 411+18.48 TO STA. 428+69.97 FOR USE IN STAGE 3.

**GOODWIN DRIVE:**

MAINTAIN PERMANENT CONDITIONS.

**READING DRIVE:**

SHALL BE CLOSED BETWEEN GOODWIN DRIVE AND COMMERCIAL ENTRANCE.

**STAGE 3:**

**US ROUTE 30:**

INSTALL STAGE 3 TRAFFIC CONTROL AS SHOWN ON THE DRAWINGS. EASTBOUND TRAFFIC ON US ROUTE 30 WILL UTILIZE THE SOUTHERNMOST LANE AND WESTBOUND TRAFFIC WILL UTILIZE THE NORTHERNMOST LANE TO ALLOW CONSTRUCTION OF THE CENTER MEDIAN AREAS.

**DOUGLAS ROAD:**

THE NORTHBOUND LEFT TURN LANE ON THE SOUTH LEG OF DOUGLAS ROAD WILL BE CLOSED TO ALLOW CONSTRUCTION OF THE CENTER MEDIAN ON THE SOUTH LEG OF DOUGLAS ROAD. USE TRAFFIC CONTROL STANDARD 701701.

**FIFTH STREET:**

THE SOUTHBOUND LEFT TURN LANE ON THE NORTH LEG OF FIFTH STREET WILL BE CLOSED TO ALLOW CONSTRUCTION OF THE CENTER MEDIAN ON US ROUTE 30.

**STRUCTURE OVER WAUBANSEE CREEK:**

EASTBOUND AND WESTBOUND US ROUTE 30 TRAFFIC WILL CROSS OVER TO THE SOUTHERNMOST LANES TO ALLOW CONSTRUCTION OF THE NORTHERN LANES OF US ROUTE 30 BETWEEN STATION 415+86.95 AND 424+63.26. IN STAGE 3a, WESTBOUND TRAFFIC WILL UTILIZE THE NORTHERNMOST LANE AND EASTBOUND TRAFFIC WILL USE THE SOUTHERNMOST LANE TO ALLOW THE CENTER ISLAND CONSTRUCTION FROM STATION 410+50 TO 429+00.

**GOODWIN DRIVE:**

MAINTAIN PERMANENT CONDITIONS.

**GENERAL NOTES:**

- TEMPORARY WIDENING SHALL BE PERFORMED ON ONE SIDE OF THE ROAD AT A TIME TO MINIMIZE TRAFFIC CONTROL CONFLICTS AND IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- ALL TEMPORARY LANES SHALL MAINTAIN A 11-FT MINIMUM WIDTH, UNLESS OTHERWISE NOTED.
- BARRICADES/DRUMS USED DURING CONSTRUCTION SHALL BE PLACED 20 FT. APART ALONG ALL TAPERS, AND 50 FT APART ALONG ALL TANGENTS.
- ALL UNDERGROUND UTILITY WORK SHALL BE COORDINATED WITH THE SUGGESTED MAINTENANCE OF TRAFFIC.
- CONSTRUCTION AREAS SHALL BE DEFINED IN COORDINATION WITH PAVEMENT JOINT LOCATIONS.
- ALL DRIVEWAYS SHALL BE CONSTRUCTED IN HALVES TO MAINTAIN ACCESS AT ALL TIMES UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER. DRIVEWAY ENTRANCES SHALL UTILIZE "DRIVEWAY ENTRANCE" SIGN SHOWN ON TC-26.
- SAW CUTTING OF THE EXISTING PAVEMENT FOR SUBSEQUENT STAGE CONSTRUCTION SHALL BE INCLUDED IN THE COST OF PAVEMENT REMOVAL.
- ALL TEMPORARY PAVEMENT MARKINGS IN CONFLICT OR NO LONGER NEEDED MUST BE REMOVED BEFORE STARTING THE NEW TRAFFIC CONFIGURATION FOR NEXT MOT STAGE.
- QUANTITIES FOR CLASS D PATCHES OF VARIOUS TYPES HAVE BEEN INCLUDED IN THE CONTRACT FOR PATCHING EXISTING PAVEMENT IF NECESSARY. ALL PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- TRAFFIC CONTROL, PROTECTION, AND PATTERNS SHOWN IN STAGES 1, 2, & 3 SHALL BE MAINTAINED FOR THE MAJORITY OF THE DURATION OF EACH STAGE.
- POSITIVE (+) OFFSETS DENOTE TO THE RIGHT OF THE ALIGNMENT. NEGATIVE (-) OFFSETS DENOTE TO THE LEFT OF THE ALIGNMENT.
- TEMPORARY BARRIER WALL SHALL BE INSTALLED ALONG A DROP-OFF GREATER THAN 18" IF IT IS LEFT IN PLACE LONGER THAN 48 HOURS WITHOUT THE EDGE BEING BACKFILLED TO A DEPTH LESS THAN 18".
- ANY TEMPORARY BARRIER WALL INSTALLED WITH A HAZARD (FIXED OBJECT OR DROP-OFF) WITHIN 3.5 FEET BEHIND THE WALL SHALL BE CONTINUOUSLY PINNED TO THE PAVEMENT.
- MAINTENANCE OF TRAFFIC PLAN SHOWN IS SUGGESTED.
- THE FOLLOWING SELECT STAGES OF CONSTRUCTION HAVE A MAXIMUM ALLOWANCE OF 10 WORKING DAYS THAT THE TRAFFIC CONTROL, PROTECTION, AND PATTERNS MAY BE USED:

INTERSECTION WITH US ROUTE 30	STAGE
DOUGLAS ROAD	1a, 1c, 2d
FIFTH STREET	1a, 1c

TAPER RATES FOR MOT (UNLESS OTHERWISE NOTED):	US ROUTE 30	SIDE ROADS
LANE MERGE TAPER RATE (2 LANES TO 1)	45:1	10.42:1
LANE SHIFT TAPER	22.5:1	5.21:1
TURNING LANE TAPER	200 FT	9:1
DOWNSTREAM TAPER	100 FT	100 FT

**LEGEND**

- ① TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID WHITE
- ② TEMPORARY PAVEMENT MARKING LINE - DOUBLE 4-IN. SOLID YELLOW
- ③ TEMPORARY PAVEMENT MARKING LINE - 4-IN. SKIP DASH, 10-FT./30-FT. WHITE
- ④ TEMPORARY PAVEMENT MARKING LINE - 6-IN. SOLID WHITE
- ⑤ TEMPORARY PAVEMENT MARKING LINE - 4-IN. SOLID YELLOW
- ⑥ TEMPORARY PAVEMENT MARKING LINE - 6-IN., 2-FT. / 6-FT. DOTTED WHITE
- ⑦ TEMPORARY PAVEMENT MARKING LINE - 6-IN., 2-FT. / 6-FT. DOTTED YELLOW
- ⑧ TEMPORARY PAVEMENT MARKING LINE - 12-IN., SOLID WHITE
- ⑨ TEMPORARY PAVEMENT MARKING LINE - 12-IN., SOLID YELLOW (DIAGONAL)
- ⑩ TEMPORARY PAVEMENT MARKING LINE - 6-IN., WHITE, 3-FT. DASH / 9-FT. SKIP
- TEMPORARY STOP BARS
- ⋯ PAVEMENT MARKING REMOVAL
- ⊖ DRUMS WITH STEADY BURN LIGHT PER ARTICLE 701.16.
- ⊢ SIGN (SHOWN FACING LEFT)
- ⊢⊢ TYPE III BARRICADE WITH TWO FLASHING LIGHTS
- ⇒ DIRECTION OF TRAFFIC INDICATORS
- ▭ TEMPORARY CONCRETE BARRIER
- ⊗ IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2
- ▨ TEMPORARY PAVEMENT (10 1/4" HMA OR 8 1/4" PCC (JOINTED))
- ▨ CONSTRUCTION AREA - INCLUDING COMPLETE PAVEMENT STRUCTURE, C&G AND SIDEWALK ACCORDING TO TYPICAL CROSS SECTIONS, UNLESS OTHERWISE NOTED. CONSTRUCTION SHALL BE EXTENDED TO CONCRETE JOINTS.
- ⊠ HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- ← ARROW BOARD
- ☀ MONO-DIRECTIONAL FLASHING BEACON
- DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

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USER NAME = amanda.j	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/1/2012	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
 LEGEND & GENERAL NOTES**

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	90
				CONTRACT NO. 60132
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				