

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	78
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# STAGING SEQUENCE OF WORK

CY 2007

PRE-STAGING

- A. This work shall consist of tree removal, utility adjustments, building removal, installation of the proposed sanitary sewer improvement at Harrison Avenue and the installation of the storm sewer system as noted below. Traffic Control and Protection Standard 701606 and 701701 and the Traffic Control Plan shall be used for Harrison Avenue intersection work.
- B. Set-up temporary traffic signals at Harrison Avenue and Kishwaukee Street intersection.
- C. Remove Island curb and surface, associated traffic signal components, and cover manholes or handholes with steel plate(s) in northeast quadrant at Harrison Avenue and Kishwaukee Street intersection. Make surface flush with 3 inches of Incidental Bituminous.
- D. All proposed storm sewer on the west side of the roadway shall be constructed during this stage. Proposed storm sewer on the east side of the roadway shall be constructed from Harrison Street to just south of Peoples/23.
- E. The proposed lateral line just north of Harrison shall be constructed at this time. Existing storm sewer shall remain in service. Filling or plugging of storm sewer shall occur at later stages, after the proposed system is functional. The existing pavement will be patched using PAVEMENT PATCHING SPECIAL.
- F. The proposed sanitary sewer and storm sewer shall be installed prior to staging activity and the existing roadway patched using pavement, of the type and size specified in the plans.
- G. The existing sanitary sewer shall be plugged as specified within the plans during the appropriate construction stage.
- H. Unless otherwise specified, proposed inlets or manholes located within the temporary widening shall be covered with a precast reinforced concrete flat slab or steel plate until the widening is removed and the grates can be installed.
- I. Temporary fence and gates scheduled for Northwest quadrant of Harrison Avenue and Kishwaukee Street (Rockford Products parking lot) must be installed prior to beginning sewer work.

CY 2008 - South Project Limits to Station 390+80

STAGE 1

- A. This stage shall be constructed using Traffic Control & Protection Standard 701606 and the traffic control plan within.
- B. Construct the temporary widening along the east side of Kishwaukee street from 22<sup>nd</sup> Avenue to 18<sup>th</sup> Avenue.
- C. A temporary fence restricting access to work area shall be installed from Station 385+70 to station 387+00 between temporary curb and existing sidewalk.

STAGE 2

- A. This stage shall be constructed using Traffic Control & Protection Standard 701606 and the traffic control plan within.
- B. The traffic between Harrison Avenue and 18<sup>th</sup> Avenue will be shifted over to utilize the temporary widening.
- C. Reconstruction will consist of removal and replacement of pavement, driveways, curb and gutter, sidewalk, and other structures on the West side of mainline as stated within the plans.
- D. Adjust and relocate associated drainage items and construct the proposed southbound lanes, curb & gutter, sidewalk, and all other adjacent structures as shown.
- E. Access shall be maintained to properties at all times and only one side street will be closed at any one time on the west side of the road during this stage.
- F. Permanent pavement markings shall not be placed until all work on Stage 5A is complete. Until that time, temporary pavement markings shall be used.
- G. Temporary seeding shall be applied to all disturbed areas prior to Stage 3.

STAGE 2A

- A. This stage shall be constructed using Traffic Control & Protection Standard 701606, District Two Traffic Control and Protection Standard 94.2, and the traffic control plan.
- B. The traffic moving westbound-to-northbound at Kishwaukee and Harrison Ave intersection will be shifted to the newly constructed right turn lane pavement as shown in the staging plans.
- C. Reconstruction will consist of removal and replacement of pavement at the Kishwaukee Street and Harrison Avenue intersection on the West side of mainline not constructed as part of stage two as stated within the plans.

STAGE 3

- A. This stage shall be constructed using Traffic Control and Protection Standard 701606, 701602 and the traffic control plan within.
- B. The southbound traffic will be shifted back to onto the newly constructed southbound curb lane.
- C. The northbound traffic will remain in their Stage 2 lane.
- D. Remove pavement and other structures along the mainline as stated within the plans. This pavement section will be needed for traffic control in Stage 4.
- E. Adjust and relocate associated drainage items and construct the proposed pavement section and all other structures within the pavement as shown in the plans.
- F. Permanent pavement markings shall not be placed until all work on Stage 5A is complete. Until that time, temporary pavement markings shall be used.

STAGE 4

- A. This stage shall be constructed using Traffic Control and Protection Standard 701606 previously set-up in Stage 3 with temporary signs being adjusted and adding edge line tape as needed.
- B. The northbound traffic will be shifted onto the newly constructed southbound lanes.
- C. During this stage the temporary widening will be removed.
- D. Reconstruction will consist of removal and replacement of pavement, driveways, curb and gutter, sidewalk, and other structures on the East side of mainline as stated within the plans.
- E. Adjust and relocate associated drainage items and construct the proposed northbound lanes, curb & gutter, sidewalk, and all other adjacent structures as shown in the plans.
- F. Access shall be maintained to properties at all times and no more than two side street legs will be closed at any one time on the east side of the road during construction.
- G. Permanent pavement markings shall not be placed until all work on Stage 5A is complete. Until that time, temporary pavement markings shall be used.
- H. Temporary seeding shall be applied to all disturbed areas prior to Stage 5A.

STAGE 4A

- A. This stage shall be constructed using Traffic Control & Protection Standard 701606, District Two Traffic Control and Protection Standard 94.2, and the traffic control plan.
- B. The traffic moving southbound-to-westbound at Kishwaukee and Harrison Ave intersection will be shifted to the newly constructed right turn lane pavement as shown in the staging plans.
- C. Reconstruction will consist of removal and replacement of pavement at the Kishwaukee Street and Harrison Avenue intersection on the East side of mainline not constructed as part of stage four as stated within the plans.

STAGE 5A

- A. This stage shall be constructed using Traffic Control and Protection Standard 701606, 701602 and the traffic control plan within.
- B. Southbound traffic control from Stage 4 will remain in place.
- C. Northbound traffic will be moved onto the newly constructed northbound curb lane.
- D. Adjust and relocate associated drainage items and construct the proposed pavement at the intersections as shown in the plans.
- E. The Engineer shall determine if time and weather conditions will allow applying permanent pavement markings this construction season. Contingency quantities of temporary pavement marking paint have been included in the plans in the event that permanent markings cannot be applied prior to winter shut down.
- F. Temporary seeding shall be completed prior to winter.

CY 2009 - Sta. 390+80 to North Project Limits

STAGE 6

- A. This stage shall be constructed using Traffic Control and Protection Standard 701606 and the traffic control plan within.
- B. The northbound traffic will be shifted onto the existing southbound lane.
- C. During this stage any remaining temporary widening will be removed.
- D. Reconstruction will consist of removal and replacement of pavement, driveways, curb and gutter, sidewalk, and other structures on the East side of mainline as stated within the plans.
- E. Adjust and relocate associated drainage items and construct the proposed northbound lanes, curb & gutter, sidewalk, and all other adjacent structures as shown in the plans.
- F. Access shall be maintained to properties at all times and no more than two side streets will be closed at any one time on the east side of the road during construction.
- G. Permanent pavement markings shall not be placed until hot mix asphalt resurfacing is complete. Until that time, temporary pavement markings shall be used.
- H. Temporary seeding shall be applied to all disturbed areas prior to Stage 7.

STAGE 7

- A. This stage shall be constructed using Traffic Control and Protection Standard 701606 and the traffic control plan within.
- B. Traffic will be shifted onto the newly constructed northbound lanes.
- C. Reconstruction will consist of removal and replacement of pavement, driveways, curb and gutter, sidewalk, and other structures on the West side of mainline as stated within the plans.
- D. Adjust and relocate associated drainage items and construct the proposed southbound lanes, curb & gutter, sidewalk, and all other adjacent structures as shown in the plans.
- E. There will be temporary access to properties and no more than one side street will be closed at any one time on the West side of the road during construction.
- F. Permanent pavement markings shall not be placed until hot mix asphalt resurfacing is complete. Until that time, temporary pavement markings shall be used.
- G. Temporary seeding shall be applied to all disturbed areas prior to Stage 8.

STAGE 8

- A. This stage shall be constructed using Traffic Control and Protection Standard 701606, 701602 and the traffic control plan within.
- B. Southbound traffic will be shifted onto the newly constructed southbound curb lane.
- C. Reconstruction will consist of removal and replacement of pavement, driveways, curb and gutter, sidewalk, and other structures on the West side of mainline as stated within the plans.
- D. Adjust and relocate associated drainage items and construct the proposed left turn or bi-directional lane as shown in the plans.
- E. Permanent pavement markings shall not be placed until hot mix asphalt resurfacing is complete. Until that time, temporary pavement markings shall be used.

POST STAGING

- A. Mill and resurface existing hot mix asphalt pavement starting at station 405+25 to 416+37.
- B. This work will be completed using Traffic Control & Protection Standard 701602 and the traffic control plan within. Roggers will be required during milling and resurfacing work activities.
- C. Two-way traffic will be maintained during milling and resurfacing operations. All traffic lanes shall be open to traffic when milling and resurfacing work is not in progress.
- D. Sodding shall be installed throughout the project limits and trees shall be planted.

PLOT DATE = Thu May 17 14:37:49 2007  
 PLOT SCALE = 1/8" = 1'-0"  
 PLOT USER = ggrant