

SUGGESTED CONSTRUCTION STAGING

STAGE 1
TRAFFIC

1. SET UP FERDINAND AVENUE DETOUR SIGNING PER THE DETOUR PLAN.
2. DETOUR FERDINAND AVENUE THROUGH TRAFFIC. CLOSE FERDINAND TO VEHICULAR AND PEDESTRIAN TRAFFIC.

CONSTRUCTION

3. LOCATE EXISTING FIBER OPTIC LINES.
4. CONSTRUCT ALONG THE SOUTH SIDE OF 71ST STREET AND THE WEST SIDE OF FERDINAND AVENUE THE PROPOSED 78" AND 84" STORM SEWERS.
5. TIE THE PROPOSED 84" STORM SEWER ALONG 71ST STREET INTO THE EXISTING STORM SEWER AS DETAILED ON THE PLANS. COORDINATE THIS WORK WITH NICOR AND COMED DUE TO CONFLICTS WITH THEIR FACILITIES.
6. CLOSE FERDINAND AVENUE. TIE THE PROPOSED 78" STORM SEWER ALONG FERDINAND AVENUE INTO THE EXISTING STORM SEWER. COORDINATE THIS WORK WITH NICOR AND COMED DUE TO CONFLICTS WITH THEIR FACILITIES. REOPEN FERDINAND AVENUE UPON COMPLETION OF THE SEWER AND PATCHING WORK.
7. ALLOW NICOR GAS TO RELOCATE THEIR FACILITIES IN ORDER TO ALLOW FOR THE INSTALLATION OF THE PROPOSED 16" WATER MAIN.
8. CONSTRUCT THE 16" WATER MAIN FROM THE EAST END OF THE PROJECT GOING WEST ALONG 71ST STREET AND THE 8" WATER MAIN ALONG FERDINAND AVENUE.
9. CONSTRUCT THE STORM SEWERS ALONG THE SOUTH SIDE OF 71ST STREET BETWEEN FERDINAND AND BELOIT. TIE INTO THE NEW 78" STORM SEWER.
10. COMPLETE THE PAVEMENT, CURB AND GUTTER, AND SIGNAGE AT SIGNODE.
11. CONSTRUCT THE TEMPORARY PAVEMENT AND RAIL CROSSING AND INSTALL THE TEMPORARY GUARDHOUSE AT PEPSICO'S NORTH ENTRANCE. COMPLETE THE TEMPORARY PAVEMENT MARKING AND SIGNING.

STAGE 2
TRAFFIC

1. DETOUR PEPSICO TRAFFIC TO THE NORTH ENTRANCE UTILIZING THE MLRP TEMPORARY EASEMENT. CLOSE PEPSICO ENTRANCE OFF OF 71ST STREET.

CONSTRUCTION

1. CONTINUE STAGE 1 WORK.
2. CONSTRUCT 71ST STREET FROM STA 15+50 TO STA 18+85. CONSTRUCT TEMPORARY PAVEMENT AND TEMPORARY CURB & GUTTER FROM STA 18+85 TO STA 20+35.
3. DRIVE PILES FOR RETAINING WALLS.
4. CONSTRUCT THE NEW TOYOTA PARK S1 PARKING LOT ENTRANCE, INCLUDING STORM SEWERS, PAVEMENT, CURB & GUTTER, MARKINGS AND SIGNAGE. REMOVE THE EXISTING PAVEMENT.
5. REMOVE THE EXISTING PEPSICO GUARDHOUSE. CONSTRUCT THE NEW PEPSICO ENTRANCE, INCLUDING STORM SEWERS, PAVEMENT, CURB & GUTTER, SIDEWALK, LIGHTING, BOLLARDS, MARKINGS, SIGNAGE, AND IRRIGATION SYSTEM. CONSTRUCT THE NEW GUARDHOUSE AND RECONNECT THE UTILITY SERVICES.
6. BEGIN CONSTRUCTION OF THE PUMPING STATION.
7. REGRADE THE EXISTING DETENTION POND AND INSTALL EROSION CONTROL MEASURES.

STAGE 3A
TRAFFIC

1. SET UP 71ST STREET DETOUR SIGNING PER THE DETOUR PLAN.
2. DETOUR 71ST STREET TRAFFIC AS SHOWN ON THE PLAN. CLOSE 71ST STREET TO VEHICULAR AND PEDESTRIAN TRAFFIC. (OCTOBER 1, 2011)

CONSTRUCTION

3. CONTINUE STAGE 1 AND STAGE 2 WORK.
4. REMOVE THE EXISTING GRADE CROSSING WARNING DEVICES, INCLUDING THE SIGNALS AND GATE ARMS. (BY CSXT FORCES)
5. PERFORM ADVANCE WORK FOR CONSTRUCTION OF THE BRIDGE INCLUDING INSTALLATION OF PILES, LAGGING, LONGITUDINAL SHEETING, AND TEMPORARY JUMP SPANS. - REFER TO STRUCTURAL STAGING DRAWINGS.

RAILROAD OPERATIONS

6. MAINTAIN LIVE RAIL TRAFFIC OPERATIONS ON ALL FOUR (4) TRACKS EXCEPT AS NOTED BELOW. PILES AND SHEETING TO BE INSTALLED BETWEEN TRAIN OPERATIONS.
7. TWO (2), THREE (3) TRACK OUTAGES WILL BE PERMITTED FOR INSTALLATION OF THE TEMPORARY JUMP SPANS. EACH OUTAGE DURATION WILL BE TEN (10) HOURS. SCHEDULING OF THE OUTAGES IS SUBJECT TO CSXT APPROVAL.

STAGE 3B
CONSTRUCTION

1. CONTINUE STAGE 2 WORK.
2. REMOVE THE SECTIONS OF THE EXISTING 84" SEWER AT THE GRADE CROSSING.
3. CONSTRUCT THE NORTH AND SOUTH BRIDGE ABUTMENTS. - REFER TO STRUCTURAL STAGING DRAWINGS.

RAILROAD OPERATIONS

4. MAINTAIN LIVE RAIL TRAFFIC OPERATIONS ON ALL FOUR (4) TRACKS.

STAGE 4A AND 4B
CONSTRUCTION - STAGE 4A

1. CONTINUE STAGE 3B WORK.
2. ASSEMBLE THE WEST HALF OF THE BRIDGE. - REFER TO STRUCTURAL STAGING DRAWINGS.
3. INSTALL THE WEST HALF OF THE BRIDGE SUPERSTRUCTURE. - REFER TO STRUCTURAL STAGING DRAWINGS. (JANUARY 7, 2012)

CONSTRUCTION - STAGE 4B

4. ASSEMBLE THE EAST HALF OF THE BRIDGE. - REFER TO STRUCTURAL STAGING DRAWINGS.
5. INSTALL THE EAST HALF OF THE BRIDGE SUPERSTRUCTURE. - REFER TO STRUCTURAL STAGING DRAWINGS. (JANUARY 24, 2012)

RAILROAD OPERATIONS

6. MAINTAIN LIVE RAIL TRAFFIC OPERATIONS ON ALL FOUR (4) TRACKS EXCEPT AS NOTED BELOW.
7. TWO (2), THREE (3) TRACK OUTAGES WILL BE PERMITTED FOR INSTALLATION OF THE BRIDGE ON THE DATES INDICATED ABOVE. EACH OUTAGE DURATION WILL BE TWENTY-FOUR (24) HOURS.

STAGE 5
TRAFFIC

1. MAINTAIN DETOUR AND CLOSURE OF 71ST STREET.
2. SET UP FERDINAND AVENUE DETOUR SIGNING PER THE DETOUR PLAN.
3. DETOUR FERDINAND AVENUE THROUGH TRAFFIC. CLOSE FERDINAND TO VEHICULAR AND PEDESTRIAN TRAFFIC.

CONSTRUCTION

4. CONSTRUCT RETAINING WALLS.
5. CONSTRUCT STORM SEWERS BELOW 71ST STREET AND ADJACENT TO THE RETAINING WALLS.
6. CONSTRUCT THE PAVEMENT, CURB & GUTTER, AND SIDEWALK ALONG 71ST STREET AND FERDINAND AVENUE.
7. COMPLETE ANY REMAINING REMOVAL WORK.
8. COMPLETE PAVEMENT MARKINGS AND SIGNAGE.
9. RELOCATE TEMPORARY GUARD HOUSE AT PEPSICO.

STAGE 6
TRAFFIC

1. OPEN 71ST STREET AND FERDINAND AVENUE TO TRAFFIC. (MAY 14, 2012)

CONSTRUCTION

2. COMPLETE PAVEMENT RESURFACING AT THE MLRP TEMPORARY EASEMENT.
3. COMPLETE ROADWAY LIGHTING, RESTORATION, LANDSCAPE, AND FENCING.

THE STAGING PROCEDURES SHOWN IN THE PLANS ARE A SUGGESTED METHOD FOR CONSTRUCTION SEQUENCE AND OPERATIONS AND AS A GUIDE FOR THE SAFE DIVERSION OF TRAFFIC DURING THE EXECUTION OF THIS CONTRACT. THE CONTRACTOR, AT HIS OR HER OPTION, MAY SUBMIT AN ALTERNATE STAGING OR TRAFFIC CONTROL PLAN FOR APPROVAL BY THE ENGINEER.

FILE NAME = P:\60155677_000_DAO\201_Drawing\Sheets\A\1\60155677-ght-suggested-construction-staging-00-A.dgn



USER NAME = marnj	DESIGNED - TJW	REVISED -
PLOT SCALE = 200.000' / 1"	DRAWN - JWM	REVISED -
PLOT DATE = 3/15/2011	CHECKED -	REVISED -
	DATE - March 17, 2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED CONSTRUCTION STAGING

SCALE: 1"=200' SHEET NO. 1 OF 1 SHEETS STA TO STA

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1537	06-00050-00-GS	COOK	209	29
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63556	
CRE-90031099				