

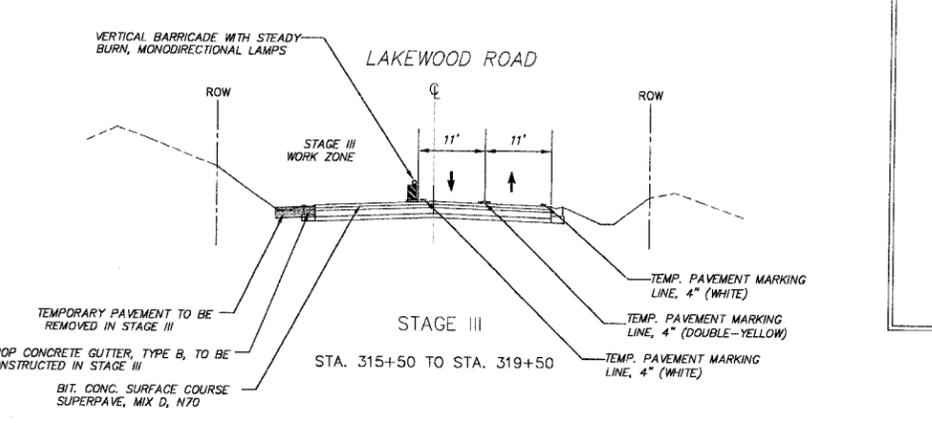
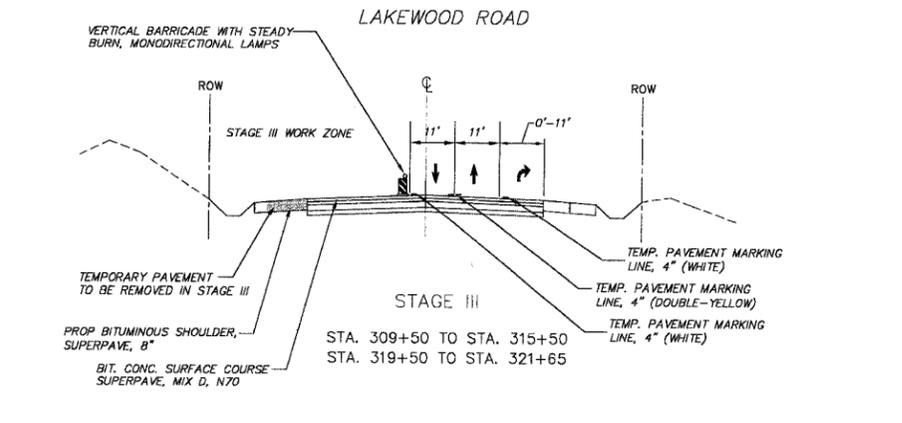
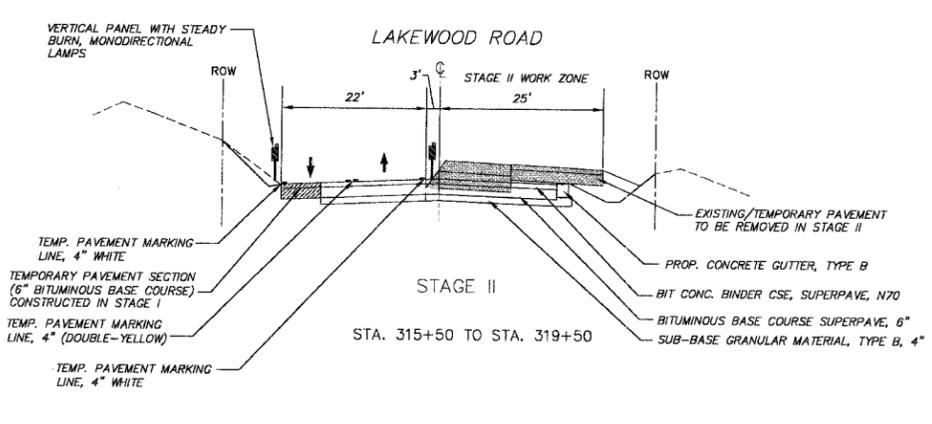
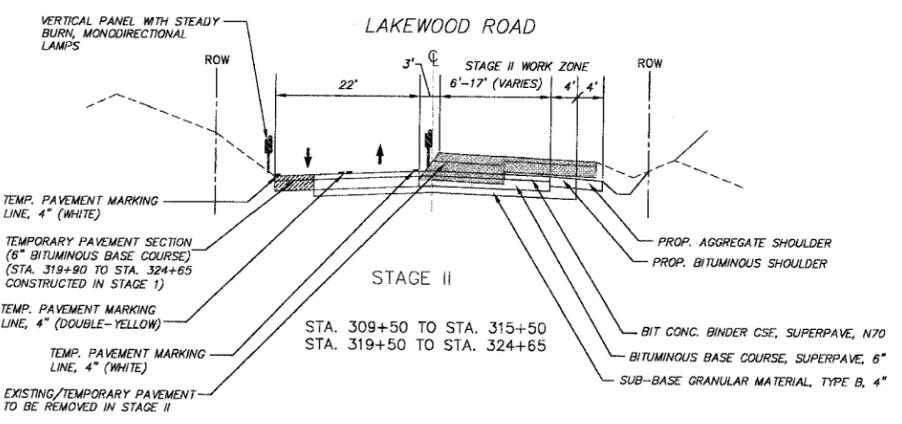
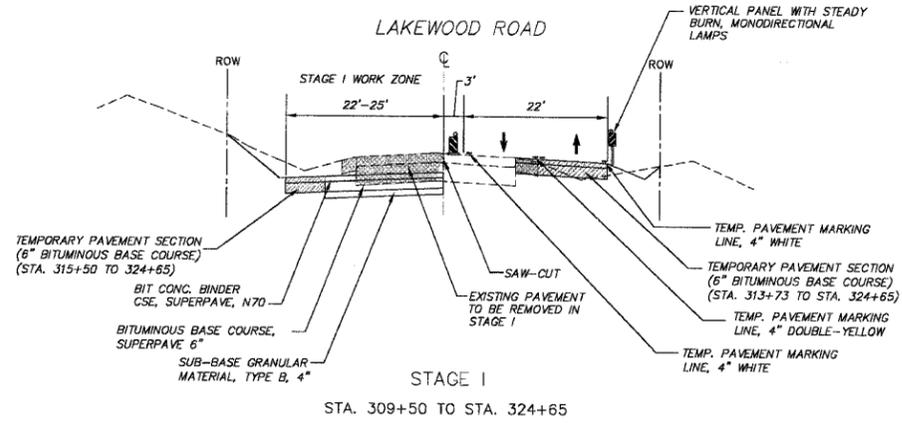
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3873	00-00243-00-FP	MCHENRY	84	18
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	HIGHWAY PROJECT		
83840				

**GENERAL NOTES**

- All traffic control and protection shall be performed in accordance with the Standard Specifications for Road and Bridge Construction, Section 107.14 and the applicable guidelines in IDOT's "Manual on Uniform Traffic Control Devices For Streets and Highways" and IDOT's "Quality Standard for Work Zone Traffic Control Devices".
- Work scheduled in a stage shall not begin until all existing signs and pavement markings that are in conflict with the traffic pattern for the stage have been removed or covered according to IDOT standards.
- The Contractor shall be responsible for removing all existing, temporary and short term pavement markings which conflict with the next stage or ultimate pavement markings. The removal of any existing pavement markings shall be included in the cost of Traffic Control and Protection. Removal of temporary or short term pavement markings shall be included in the cost of the temporary or short term marking.
- The Contractor shall maintain access to all abutting subdivisions at all times during construction operations.
- A minimum of one 11' lane in each direction shall be provided on Lakewood Road & Ackman Road during each stage of construction.
- All work zone traffic control devices shall be according to IDOT standards and specifications and shall be kept clean and properly oriented in reference to traffic. Any device which has become ineffective due to damage or defacement shall be replaced by the Contractor.
- All damage caused to the proposed, permanent pavement cross-section, as determined by the Engineer, due to the Contractor's operations, shall be repaired by the Contractor at his own expense.
- At the preconstruction conference, the Contractor shall furnish the name of the individual in the Contractor's direct employ who is to be responsible for the installation and maintenance of the traffic control for the project. When actual installation and maintenance are to be accomplished by a subcontractor, the Contractor will not be relieved of furnishing a responsible individual in the Contractor's direct employ.
- This work shall be paid for at contract lump sum price for Traffic Control and Protection.

**SUGGESTED CONSTRUCTION STAGING**

- Lakewood Road**
- Advance work**
- Install all required construction signing according to the Suggested Construction Staging Plan and IDOT standards on all roadways.
  - Install temporary pavement along east side of Lakewood Road from STA. 313+73 to STA. 324+65. Utilize daytime lane closures.
  - Place temporary pavement markings and all traffic control devices according to Stage I of the Suggested Construction Staging Plan and remove all existing conflicting pavement markings.
- STAGE I**
- Traffic**
- Maintain two-way traffic, one 11' (minimum) lane in each direction on east half of Lakewood Road using the existing pavement and temporary pavement.
- Construction**
- Remove existing Lakewood Road pavement, west side and any required material and construct proposed pavement cross section to binder course along the west half of Lakewood Road.
  - Install proposed Ackman Road pavement on the south side from Sta. 140+00 to 141+60.
  - Install proposed bituminous shoulders along the west edge of Lakewood Road from Sta. 304+65 to 314+00.
  - Install temporary pavement along west side of Lakewood Road from Sta. 315+20 to Sta. 324+65 according to Stage 1 of the Suggested Construction Staging Plans.
  - Place temporary pavement markings and all traffic control devices according to Stage II of the Suggested Construction Staging Plans and remove all conflicting pavement markings, signs, and barricades.
- STAGE II**
- Traffic**
- Maintain two-way traffic, one 11' (minimum) lane in each direction on west half of Lakewood Road using the proposed pavement and temporary pavement constructed during Stage I.
- Construction**
- Remove existing Lakewood Road pavement, temporary pavement installed prior to Stage I and any required material and construct proposed pavement cross section to the binder course of asphalt, along the east half of the roadway.
  - Install proposed Concrete Gutter, Type B along east edge of Lakewood Road from approximate Sta. 315+50 to approximate Sta. 319+50.
  - Install proposed bituminous and aggregate shoulders along the east edge of Lakewood Road, to the height of the binder course of asphalt.
  - Place temporary pavement markings and all traffic control devices according to Stage III of the Suggested Construction Staging Plans and remove all conflicting pavement markings.
- STAGE III**
- Traffic**
- Maintain two-way traffic, one 11' (minimum) lane in each direction on east half of Lakewood Road using proposed pavement constructed during Stage II.
- Construction**
- Remove temporary pavement, which was installed during Stage I, and any necessary material along west edge of Lakewood Road.
  - Install proposed Concrete Gutter, Type B along west edge of Lakewood Road from approximate Sta. 315+50 to approximate Sta. 319+50.
  - Install proposed aggregate shoulders along the west edge of Lakewood Road to finish grade elevations.
  - Install surface course of asphalt across entire width of Lakewood Road. This work is to be done according to the IDOT standards with use of flaggers.
  - Install proposed permanent pavement markings across entire width of Lakewood Road.
- NOTE:** The installation of the surface course and the permanent pavement markings is to be coordinated by the Contractor with work on similar pay items throughout the entire job.



**SYMBOL LEGEND**

	DIRECTION OF TRAFFIC FLOW
	TYPE III BARRICADE WITH 2 FLASHING LIGHTS
	TEMPORARY AGGREGATE
	WORK ZONE
	TEMPORARY PAVEMENT
	MATERIAL REMOVAL BY STAGE
	VERTICAL BARRICADE WITH STEADY BURN, MONODIRECTIONAL LAMPS (25' CENTER-TO-CENTER)
	VERTICAL PANEL WITH STEADY BURN, MONODIRECTIONAL LAMPS
	STEADY BURNING AMBER BEACON

**REVISIONS**

NO.	NAME	DATE
7.		
6.		
5.		
4.		
3.		
2.		
1.		

**SMITH ENGINEERING CONSULTANTS, INC.**  
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 MCHENRY HUNTLEY YORKVILLE  
 ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

**MCHENRY COUNTY DIVISION OF TRANSPORTATION**  
 ACKMAN ROAD EXTENSION

**SUGGESTED CONSTRUCTION STAGING FOR LAKEWOOD ROAD**

TYPICAL SECTIONS

SCALE: N/A DRAWN BY: CJP  
 DATE: 10-05-2005 CHECKED BY: TEH

PLOT FILE: STANDARD  
 VEK: Lakewood Phasing CE-18  
 DWP: FILE: 030210-618.dwg