

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085 00-00246-02-FP		MCHENRY	292	053
STA.	TO STA.			
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 63522				

MOT GENERAL NOTES

ALL OF THE TRAFFIC CONTROL DEVICES SHALL BE IN PLACE BEFORE CONSTRUCTION IS STARTED. TEMPORARY TRAFFIC SIGNALS SHALL BE IN PLACE AT THE INTERSECTIONS NOTED ON THE PLANS.

TEMPORARY INTERSECTION SIGNALIZATION SHALL BE ADJUSTED TO ACCOMMODATE THE VARIOUS STAGE OF CONSTRUCTION SHOWN. THE TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR THE SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT.

A MINIMUM OF ONE (1) LANE (11 FEET) IN EACH DIRECTION SHALL BE KEPT OPEN TO TRAFFIC DURING NON-WORKING HOURS; EXCEPT THAT A MINIMUM OF ONE (1) LANE (10 FEET) IN EACH DIRECTION SHALL BE KEPT OPEN TO TRAFFIC DURING NON-WORKING HOURS ALONG WALKUP RD FROM STA. 57+00 TO STA. 81+79 AS SHOWN ON THE PLANS.

REMOVE ALL EXISTING PAVEMENT MARKINGS CONFLICTING WITH REVISED TRAFFIC PATTERNS. TYPE III MARKING TAPE SHALL BE USED ON THE FINAL WEARING SURFACE OR ON THE EXISTING PAVEMENT TO REMAIN WHEN THE TEMPORARY PAVEMENT MARKING WILL CONFLICT WITH THE PERMANENT PAVEMENT MARKING SUCH AS ON TAPERS OR LANE SHIFTS.

THE CONTRACTOR SHALL PROVIDE INFORMATION SIGNS ON TEMPORARY SUPPORTS FOR ALL COMMERCIAL AND PRIVATE DRIVEWAYS. THESE SIGNS SHALL BE WHITE ON GREEN IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THIS WORK WILL BE PAID FOR PER DISTRICT ONE DETAIL TC-26.

PROVIDE TEMPORARY BITUMINOUS RAMP WEDGE TO TRANSITION THE DIFFERENTIAL ELEVATIONS CAUSED BY STAGED CONSTRUCTION BETWEEN THE NEW CONSTRUCTION AND THE EXISTING PAVEMENT. ANY PAVEMENT DROP-OFFS GREATER THAN 3 INCHES IMMEDIATELY ADJACENT TO TRAFFIC SHALL NOT BE LEFT OVERNIGHT. PROVIDE TEMPORARY BITUMINOUS RAMP WEDGE OR OTHER MITIGATING MEASURES APPROVED BY THE ENGINEER.

EXISTING TRAFFIC CONTROL SIGNS & MESSAGES THAT ARE IN CONFLICT WITH THE PROPOSED MAINTENANCE OF TRAFFIC SHALL BE TEMPORARILY COVERED OR MODIFIED WITH TEMPORARY OVERLAY AS SHOWN IN THE PLANS AND DIRECTED BY THE ENGINEER.

THE FOLLOWING TABLE PROVIDES THE NECESSARY TREATMENT REQUIRED BY THE CONTRACTOR TO MINIMIZE DROP-OFF EXPOSURE.

DROP-OFF AT EDGE OF PAVEMENT

DROP-OFF LOCATION (FROM EDGE OF PAVEMENT)	SPEED MPH (5)	DROP-OFF HEIGHT AND TYPE (INCHES)	TREATMENT REQUIRED
<= 3 FT (1) (2)	ALL	<=1	NONE
		>1, <=3	LOW SHOULDER SIGNS (2 MILE SPACING)
	<45	> 3, <= 18	CHANNELIZING DEVICES PER PLAN SPACING
		>=45	>3, <=12
	<45	> 18, <= 24 FOR <0.5 MILES OR <48 HOURS	CHANNELIZING DEVICES PER PLAN SPACING (4)
		>=45	> 12, <= 18 FOR <0.5 MILES OR <48 HOURS
	ALL	>18, <=24	ADJACENT LANE CLOSURE
ALL	> 24	ADJACENT LANE CLOSURE	
> 3 FT <= 8 FT (3)	ALL	<=1	NONE
	ALL	>1, <=3	LOW SHOULDER SIGNS (2 MILE SPACING)
	ALL	> 3, <= 24	CHANNELIZING DEVICES PER PLAN SPACING
> 8 FT TO 13 FT (3)	ALL	> 24	ADJACENT LANE CLOSURE
	ALL	> 12, <= 24	CHANNELIZING DEVICES PER PLAN SPACING
	ALL	> 24	ADJACENT LANE CLOSURE

- CHANNELIZING DEVICES ARE TO BE PLACED AT SAME LEVEL AS TRAVELING LANE OR SHOULDER PROFILE.
- CHANNELIZING DEVICES MAY BE PLACED AT THE DROP-OFF ELEVATION TO PRESERVE LANE WIDTH. THE REFLECTIVE AREA AND WARNING LIGHT SHALL BE RAISED TO THE ELEVATION ABOVE THE TRAVELING LANE OR SHOULDER PROFILE AS REQUIRED BY STANDARD 701901.
- CHANNELIZING DEVICES ARE TO BE PLACED AT THE SAME LEVEL AS SIDE SLOPE PROFILE TO BE FULLY VISIBLE.
- DROP OFFS GREATER THAN 18 IN SHALL NOT BE EXPOSED TO TRAFFIC FOR GREATER THAN 48 HRS.
- POSTED REGULATORY SPEED IN WORK ZONE DURING THE WORK ACTIVITY.

MAINTENANCE OF TRAFFIC AND CONSTRUCTION STAGING

PRE-STAGE - IL RTE 176 AND WALKUP ROAD SOUTH OF REDBIRD LANE

- MAINTAIN EXISTING TRAFFIC LANES ON WALKUP ROAD, IL RTE 176, AND ALL SIDE ROADS IN ACCORDANCE WITH STANDARDS AND THE DETAILS SHOWN ON THE PLANS.
- FURNISH AND INSTALL TEMPORARY TRAFFIC SIGNALS AT IL RTE 176/WALKUP ROAD INTERSECTIONS.
- COMPLETE CONSTRUCTION OF WATERMAIN WORK ALONG IL RTE 176 AND ALONG WALKUP AVE.
- BEGIN CONSTRUCTION OF TEMPORARY PAVEMENT WIDENING ON WALKUP ROAD AND IL RTE 176 AS SHOWN ON THE PLANS. PROVIDE TEMPORARY SWALES/DITCHES TO MAINTAIN DRAINAGE. CONSTRUCT STORM SEWER AS NECESSARY TO PROVIDE OUTLET DURING STAGE 1 AND 2. PROVIDE EROSION CONTROL.
- CONSTRUCT THE PERMANENT STORM SEWER OUTLET TO "VETERAN ACRES POND" IN ACCORDANCE WITH DRAINAGE PLAN SHEET 106 PRIOR TO THE COMPLETION OF ANY OTHER DRAINAGE WORK WITH A DRAINAGE CONNECTION TO THE "VETERAN ACRES POND" STORM SEWER OUTLET.

PRE-STAGE - WALKUP ROAD NORTH OF REDBIRD LANE

- MAINTAIN EXISTING TRAFFIC LANES ON WALKUP ROAD AND ALL SIDE ROADS IN ACCORDANCE WITH STANDARD 701306, 701326, 701501, AND THE DETAILS SHOWN ON THE PLANS.
- PROVIDE TEMPORARY SWALES/DITCHES TO MAINTAIN DRAINAGE. INSTALL STORM SEWER TO PROVIDE OUTLET DURING STAGE 1 AND PROVIDE EROSION CONTROL.

STAGE 1- IL RTE 176

- COMPLETE CONSTRUCTION OF TEMPORARY PAVEMENT WIDENING ON IL RTE 176 AS SHOWN ON THE PLANS. PROVIDE TEMPORARY SWALES/DITCHES TO MAINTAIN DRAINAGE. CONSTRUCT STORM SEWER AS NECESSARY TO PROVIDE OUTLET DURING STAGE 1 AND 2. PROVIDE EROSION CONTROL.
- FURNISH AND INSTALL TEMPORARY TRAFFIC SIGNALS AT IL RTE 176 AND MAIN STREET.
- REMOVE THE EXISTING PAVEMENT MARKINGS AND PROVIDE TEMPORARY PAVEMENT MARKINGS AS SHOWN ON THE PLANS. SHIFT THE TRAFFIC ONTO THE TEMPORARY PAVEMENT WIDENING AND EXISTING PAVEMENT IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS.
- CONSTRUCT PERMANENT PAVEMENT, DRAINAGE DITCHES, STORM SEWERS AND DRAINAGE STRUCTURES, CURB AND GUTTER, AND PARKWAY ALONG EB IL RTE 176. OMIT CURB AND GUTTER AND DRAINAGE STRUCTURE GRATES AT PROPOSED TEMPORARY PAVEMENT LOCATIONS. PROVIDE EROSION CONTROL.
- CONSTRUCT TEMPORARY PAVEMENT ON SOUTH SIDE OF IL RTE 176 FOR STAGE 2 TRAFFIC. (SEE IL RTE 176 MOT AND STAGE 2 CONSTRUCTION FOR LOCATIONS OF TEMPORARY PAVEMENT.)

STAGE 1 - WALKUP AVE/WALKUP ROAD FROM SOUTH PROJECT LIMIT TO SOUTH OF REDBIRD LANE

- COMPLETE CONSTRUCTION OF TEMPORARY PAVEMENT WIDENING ON WALKUP AVE/WALKUP RD AS SHOWN ON THE PLANS. PROVIDE TEMPORARY SWALES/DITCHES TO MAINTAIN DRAINAGE. CONSTRUCT STORM SEWER AS NECESSARY TO PROVIDE OUTLET DURING STAGE 1 AND 2. PROVIDE EROSION CONTROL.
- FURNISH AND INSTALL SIGNS FOR THE WALKUP ROAD DETOUR ROUTE AS SHOWN ON THE PLANS. CLOSE WALKUP AVENUE FROM IL RTE 176 TO SOUTH PROJECT LIMITS.
- REMOVE THE EXISTING PAVEMENT MARKINGS AND PROVIDE TEMPORARY PAVEMENT MARKINGS AS SHOWN ON THE PLANS. SHIFT THE TRAFFIC ONTO THE TEMPORARY PAVEMENT WIDENING AND EXISTING PAVEMENT IN ACCORDANCE WITH THE DETAILS ON THE PLANS.
- CONSTRUCT PERMANENT PAVEMENT, DRAINAGE DITCHES, STORM SEWERS, DRAINAGE STRUCTURES, CURB AND GUTTER, ALONG THE SOUTH LEG OF WALKUP ROAD AND NB WALKUP ROAD NORTH OF IL RTE 176, CONSTRUCT BIKE PATH ALONG NB WALKUP ROAD. PROVIDE EROSION CONTROL.
- CONSTRUCT RETAINING WALL AND STRUCTURE ALONG VETERAN ACRES PARK AS SHOWN ON THE PLANS. PROVIDE EROSION CONTROL.

STAGE 1- WALKUP ROAD FROM STA 225+00 TO NORTH PROJECT LIMIT

- REMOVE THE EXISTING PAVEMENT MARKINGS AND PROVIDE TEMPORARY PAVEMENT MARKINGS AS SHOWN ON THE PLANS.
- CONSTRUCT PAVEMENT WIDENING, CURB AND GUTTER, DRAINAGE STRUCTURES AND SHOULDERS ALONG SOUTHBOUND WALKUP ROAD FROM STA 225+00 TO STATION 245+00. COMPLETE THE SAMEWORK FOR NORTHBOUND WALKUP ROAD FROM STA 245+00 TO STA 307+45. PROVIDE EROSION CONTROL.

STAGE 2- IL RTE 176

- CONTRACTOR SHALL CONSTRUCT TEMPORARY BITUMINOUS RAMP AS DIRECTED BY THE ENGINEER THROUGH THE INTERSECTION OF IL RTE 176 AND WALKUP ROAD TO MEET THE STAGE 1 PAVEMENT ELEVATIONS. THIS OPERATION SHALL BE CARRIED OUT BETWEEN 7:00 PM TO 6:00 AM. IT SHALL BE CONTRACTOR'S RESPONSIBILITY TO SCHEDULE AND STAGE THE CONSTRUCTION AND MAINTENANCE OF TRAFFIC SO THAT CLOSED LANES ARE REOPENED AT THE END OF EACH WORK PERIOD. AFTER COMPLETING THE RAMP WEDGE, REVISE THE IMPACTED TEMPORARY PAVEMENT MARKINGS. USE DRUMS WITH STEADY BURNING MONO DIRECTIONAL LIGHTS IN LIEU OF BARRICADES OR CONES SPECIFIED IN THE STANDARDS 701501, 701606, 701701. THE RAMP WEDGE WORK WILL BE PAID FOR SEPARATELY AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT, N70 (IL-19) VARIABLE THICKNESS.
- SHIFT TRAFFIC OVER TO THE STAGE 2 CONFIGURATION IN ACCORDANCE WITH THE PLANS AND STANDARD 701501 AND 701606.
- CONSTRUCT PERMANENT WESTBOUND PAVEMENT FROM THE INTERSECTION TO THE EAST END OF THE PROJECT. CONSTRUCT DRAINAGE, STORM SEWERS, DRAINAGE STRUCTURES, CURB AND GUTTER, SIDEWALK AND PARKWAY. PROVIDE EROSION CONTROL.

STAGE 2- WALKUP ROAD FROM SOUTH PROJECT LIMIT TO SOUTH OF REDBIRD LANE

- PLACE TEMPORARY PAVEMENT MARKINGS AS SHOWN ON PLANS. OPEN SOUTH PORTION OF WALKUP ROAD FROM IL RTE 176 TO SOUTH PROJECT LIMITS. MAINTAIN TRAFFIC PATTERN ON WALKUP ROAD NORTH OF IL RTE 176.
- RECONSTRUCT NE QUADRANT OF IL RTE 176 AND WALKUP ROAD UP TO STA 53+25.

STAGE 2- WALKUP ROAD/ CRYSTAL LAKE ROAD FROM STA 225+00 TO NORTH LIMIT OF PROJECT

- REMOVE THE EXISTING AND TEMPORARY PAVEMENT MARKINGS AND PROVIDE TEMPORARY PAVEMENT MARKINGS IN ACCORDANCE WITH THE PLANS. SHIFT THE TRAFFIC ONTO THE NEW PAVEMENT WIDENING AND EXISTING PAVEMENT.
- CONSTRUCT REMAINING PAVEMENT WIDENING, CURB AND GUTTER, DRAINAGE STRUCTURES AND SHOULDERS ALONG NORTHBOUND WALKUP ROAD FROM STA 225+00 TO STATION 245+00. COMPLETE THE SAME WORK FOR SB WALKUP ROAD FROM STA 245+00 TO STA 307+45. PROVIDE EROSION CONTROL.
- CONSTRUCT PERMANENT TRAFFIC SIGNALS AND LIGHTING.
- PLACE PERMANENT PAVEMENT MARKING AND FINAL LANDSCAPING.

STAGE 3- IL RTE 176

- MAINTAIN TRAFFIC FROM PREVIOUS STAGE IN ACCORDANCE WITH THE DETAILS ON THE PLANS.
- CONSTRUCT PERMANENT WESTBOUND PAVEMENT FROM THE WEST PROJECT LIMITS TO THE INTERSECTION. CONSTRUCT DRAINAGE, STORM SEWERS, DRAINAGE STRUCTURES, CURB AND GUTTER, SIDEWALK AND PARKWAY. PROVIDE EROSION CONTROL.
- CONSTRUCT RETAINING WALL WITHIN EXISTING DETENTION BASIN FROM STA 45+50 TO STA 47+32.
- PROVIDE BITUMINOUS SURFACE COURSES ALONG THE PROJECT LIMITS FOR IL RTE 176 IN ACCORDANCE WITH STANDARDS 701501, 701606, 701701. PLACE PERMANENT PAVEMENT MARKING AND FINAL LANDSCAPING.

STAGE 3- WALKUP ROAD FROM SOUTH PROJECT LIMIT TO SOUTH OF REDBIRD LANE

- SHIFT TRAFFIC OVER TO THE STAGE 3 CONFIGURATION IN ACCORDANCE WITH THE DETAILS ON THE PLANS.
- CONSTRUCT PERMANENT SOUTHBOUND PAVEMENT FROM THE IL RTE 176 INTERSECTION TO REDBIRD LANE. CONSTRUCT DRAINAGE, STORM SEWERS, DRAINAGE STRUCTURES, CURB AND GUTTER, SIDEWALK AND PARKWAY. PROVIDE EROSION CONTROL.
- PROVIDE BITUMINOUS SURFACE COURSES IN ACCORDANCE WITH STANDARDS 701501, 701606, 701701. PLACE PERMANENT PAVEMENT MARKING AND FINAL LANDSCAPING.

REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

MAINTENANCE OF TRAFFIC GENERAL NOTES

SCALE: N.T.S. DRAWN BY: TL
DATE: 06/10/11 CHECKED BY: KA

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