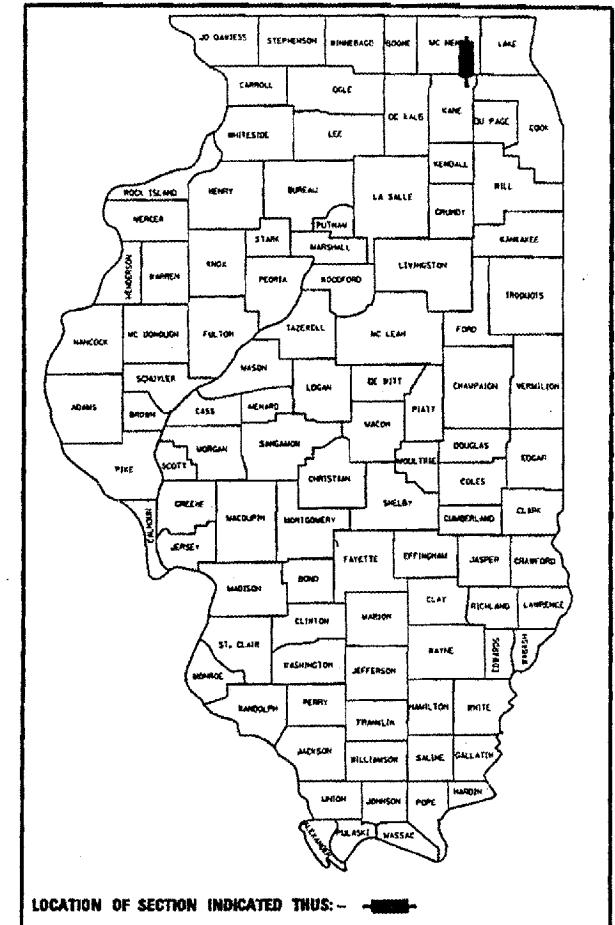


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2005-050 I	McHENRY	7	1

CONTRACT NO. 60A28

D91-022-06



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

VARIOUS ROUTES
LOCATION 1) ILLINOIS ROUTE 31
NO ILL. ROUTE 176 TO BULL VALLEY RD.
LOCATION 2) ILLINOIS ROUTE 176
U.S. ROUTE 14 TO ILL. ROUTE 31

SECTION: 2005-050 I
CRACK AND JOINT SEAL (MULCH)
McHENRY COUNTY
C-91-022-06

FOR INDEX OF SHEETS, SEE SHEET NO. 3

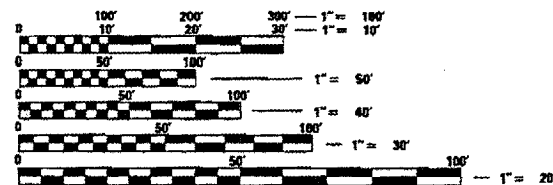
IMPROVEMENT LOCATED
IN THE CITIES OF CRYSTAL LAKE
AND McHENRY AND IN THE
VILLAGE OF PRAIRIE GROVE

TRAFFIC DATA

ILL 31 - ILL 176 TO BULL VALLEY RD.
2003 ADT = 21,800
SPEED LIMIT = 40 MPH

IL 176 - U.S. 14 TO ILL 31
2003 ADT = 17,100
SPEED LIMIT = 40 MPH

SEE SHEET NUMBER 2 FOR LOCATION MAP



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123

CONTRACT NO. 60A28

DISTRICT ONE/DESIGN/PLAN PREPARATION
KEN ENG/ ROBERT T. BORO (847)705-4178

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Feb. 10 20 06
Diane M. O'Keefe / CD
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 24, 20 06
Mike Hise / CD
ENGINEER OF DESIGN AND ENVIRONMENT

March 24, 20 06
Milton R. Sees, P.E. / CD
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2005-050 I	MCHENRY	7	2

CONTRACT NO. 60A28



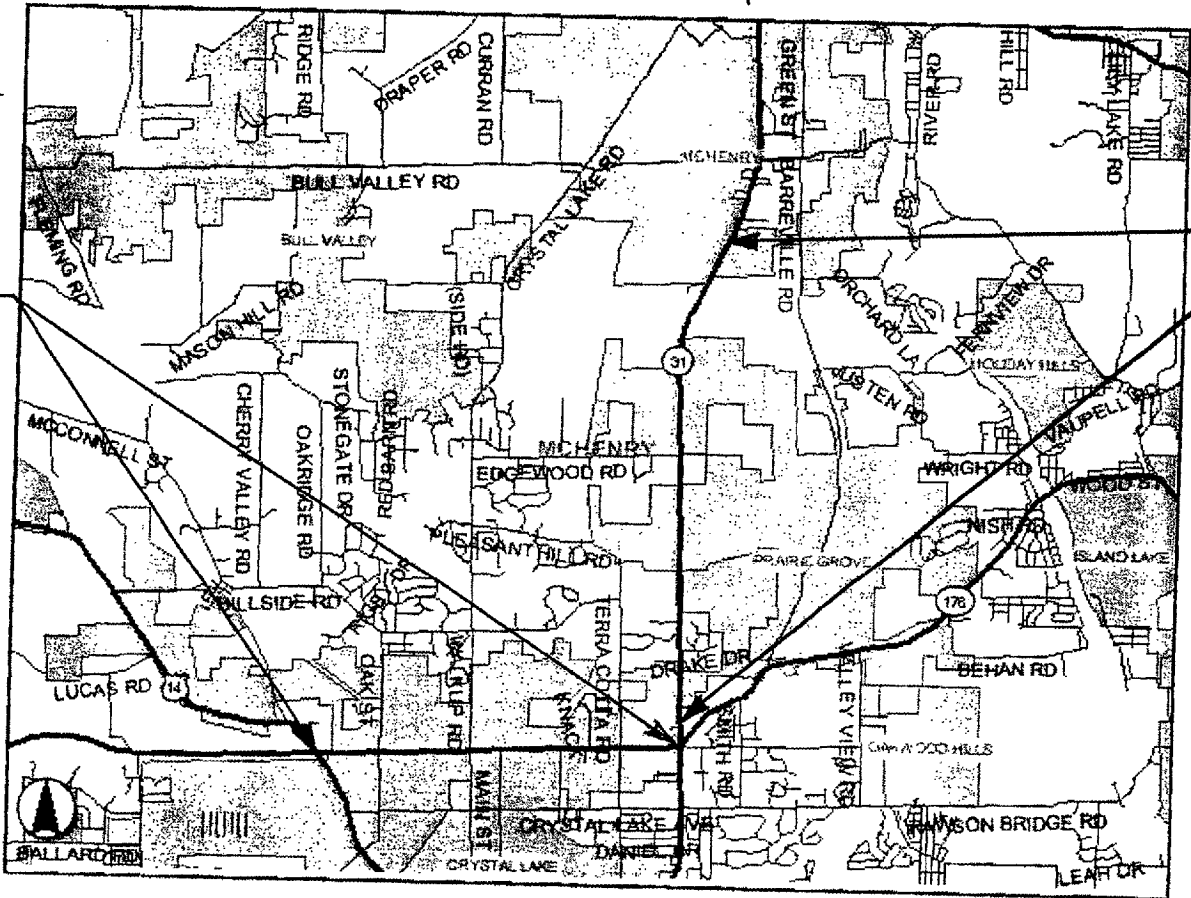
R. 8 E. R. 9 E.

T. 44 N. T. 45 N.

T. 43 N. T. 44 N.

LOCATION NO. 2
ILL. 176 - U.S. 14
TO ILL. 31

ADT (2003) = 17,100
SPEED LIMIT = 35 MPH



LOCATION NO. 1
ILL. 31 - 0.4 MILE N/O
ILL. 176 TO 0.7 MILE S/O
BULL VALLEY ROAD

ADT (2003) = 21,800
SPEED LIMIT = 45 MPH

GROSS AND NET LENGTH OF LOCATION NO. 1 = APPROX. 27,720 L.F. = APPROX. 5.250 MILES
 GROSS AND NET LENGTH OF LOCATION NO. 2 = APPROX. 15,840 L.F. = APPROX. 3.000 MILES
 GROSS AND NET LENGTH OF IMPROVEMENT = APPROX. 43,560 L.F. = APPROX. 8.250 MILES

ILLINOIS DEPARTMENT OF TRANSPORTATION

LOCATION MAP

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2005-050 i	MCHENRY	7	3

CONTRACT NO. 60A28

INDEX OF SHEETS

SHEET NO.	<u>DESCRIPTION</u>
1	TITLE SHEET
2	LOCATION MAP
3	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
4	SUMMARY OF QUANTITIES
5	TYPICAL SECTIONS
6	MULCH SEAL DETAIL
7	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
2. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE (or TOLLWAY) PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT (or ISTHA).
3. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
5. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847)705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
6. THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM FIELD MAINTENANCE ENGINEERS.
7. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
8. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

STATE STANDARDS

STANDARD NO.	<u>DESCRIPTION</u>
701301 - 02	LANE CLOSURE, 2L 2W, SHORT TIME OPERATIONS
701306 - 01	URBAN LANE CLOSURE, MULTILANE 2W WITH MOUNTABLE MEDIAN
701311 - 02	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701426 - 02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS OVER >45 MPH
702001 - 06	TRAFFIC CONTROL DEVICES

ILLINOIS DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, STATE
STANDARDS AND GENERAL
NOTES

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2005-0501	MCHENRY	7	4

CONTRACT NO. 60A28

SUMMARY OF QUANTITIES

Pay Item	Description	Unit	SP	Total	URBAN 100% STATE FOOD	
					LOG 1	LOG 2
67100100	MOBILIZATION	L SUM	<input checked="" type="checkbox"/>	1.00	0.50	0.50
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	<input type="checkbox"/>	1.00	0.50	0.50
X0322467	TEMPORARY INFORMATION SIGNING FOR LANE CLOSURE	SQ FT	<input checked="" type="checkbox"/>	96.00	48.00	48.00
X0325275	CRACK AND JOINT SEALING (MULCH)	FOOT		330,000.00	210,000.00	120,000.00
X0325276	ROADWAY SWEEPING	LANE MI.		16.5	10.5	6.0

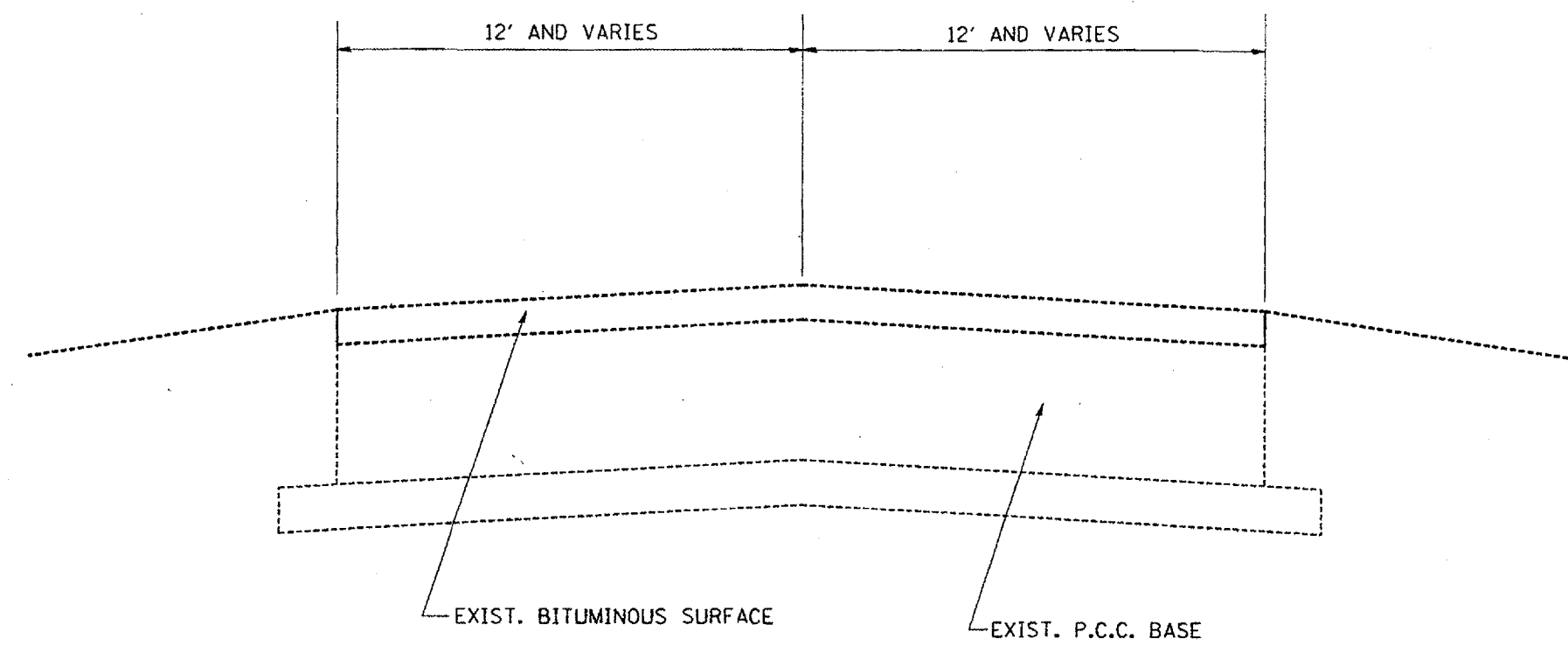
ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

Rev.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	2005-050 1	MCHENRY	7	5

CONTRACT NO. 60A28



TYPICAL SECTION
 ILL. ROUTE 31 - 0.4 N/O OF ILL. 176 TO 0.7 MILE S/O BULL VALLEY RD. AND
 ILL. ROUTE 176 - U.S. ROUTE 14 TO ILL. ROUTE 31

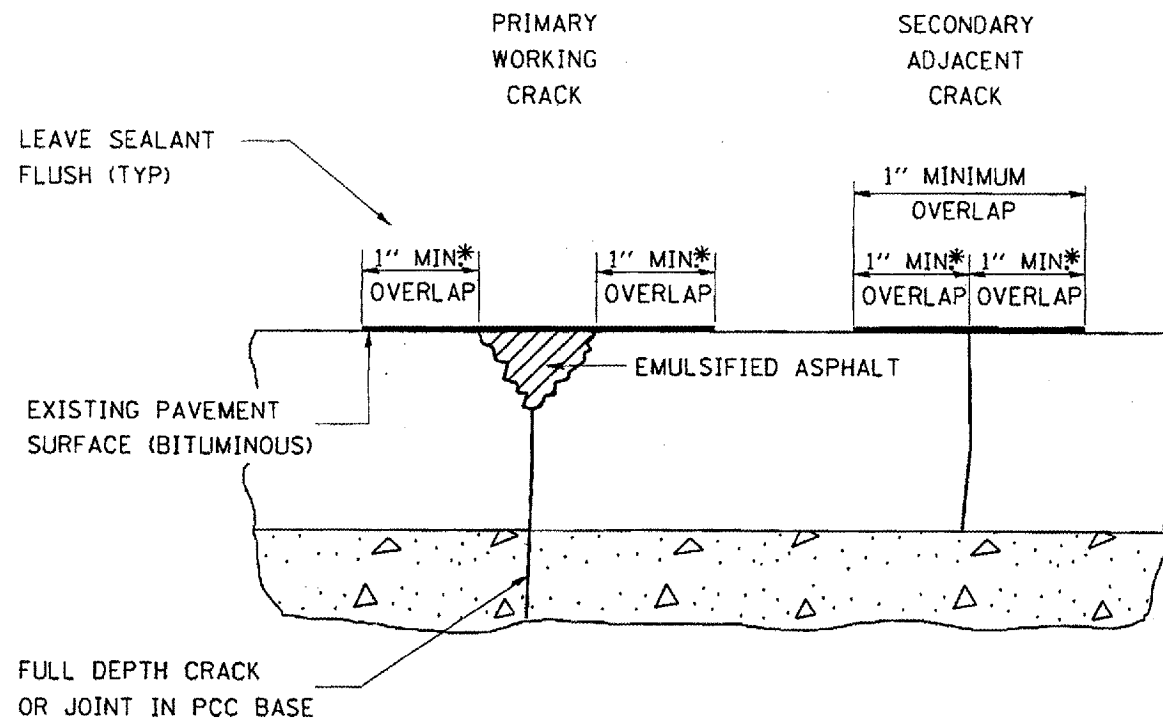
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICAL SECTION

SCALE: VERT. _____
 HORIZ. _____
 DATE 3/2/2006

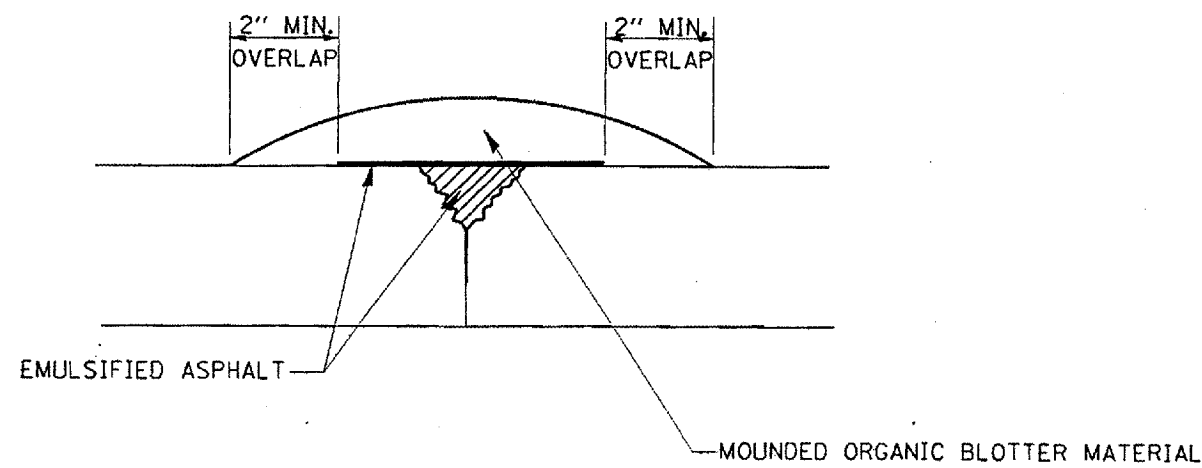
DRAWN BY _____
 CHECKED BY _____

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	2005-050 1	MCHENRY	7	6

CONTRACT NO. 60A28



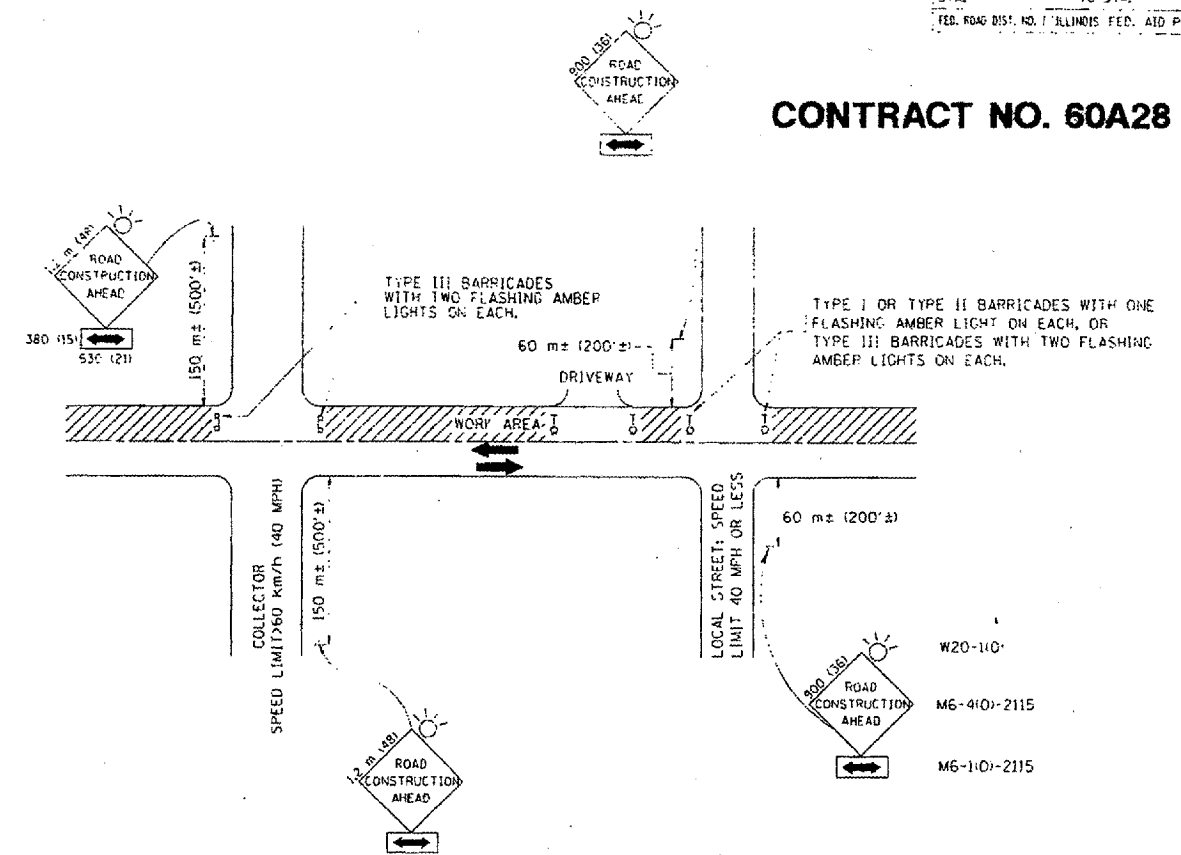
*IN ALL LOCATIONS WHERE THE LONGITUDINAL CRACK CONFLICTS WITH EXISTING PAVEMENT MARKINGS (EITHER EDGE LINE OR LANE LINE) THE CRACK SHALL BE FILLED WITH EMULSIFIED ASPHALT. HOWEVER, THE 2" OVERLAP SHALL BE DELETED TO PREVENT UNNECESSARY DAMAGE TO THE EXISTING PAVEMENT MARKINGS. ALL EXCESSIVE DAMAGES TO EXISTING PAVEMENT MARKINGS & RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.



ORGANIC BLOTTER MATERIAL

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		CRACK AND JOINT SEALING (MULCH)
SCALE: VERT. DRAWN BY		
HORIZ. CHECKED BY		
DATE 3/2/2006		

CONTRACT NO. 60A28



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS**
- SIDE ROAD WITH A SPEED LIMIT OF 60 km/h (40 MPH) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 900x900 (36x36) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 60 m (200') IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 60 km/h (40 MPH) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 1.2 m x 1.2 m (4ft x 4ft) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 150 m (500') IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).**
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:**
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 101501, STD. 101606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.**
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.**

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
NAME	DATE	
LHA	5/89	SCALE: VERT. HORIZ. DATE 10/18/2002
T. RAMMACHER	09/08/94	
J. OBERLE	10/18/95	
A. HOUSEH	03/06/96	
A. HOUSEH	10/15/96	
T. RAMMACHER	01/06/00	
		DRAWN BY
		CHECKED BY
		TC-10
		REVISION DATE 01/06/00