

F. A. U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1683	02-00159-00-RS	COOK	8	1
STA. 2+80.82		TO STA. 79+30		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT M-8003 (433)	

CONTRACT NO. 83913

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

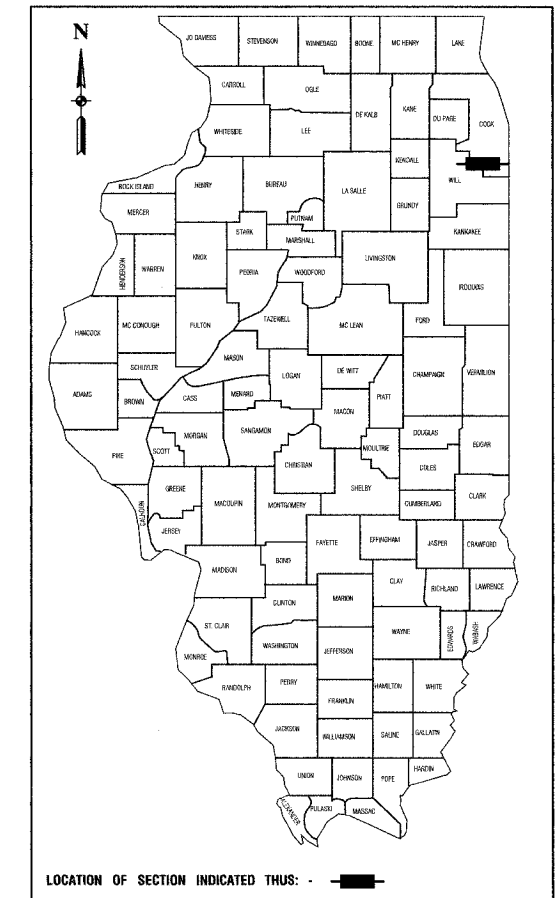
FAU 1683 (BERNICE ROAD)
173RD STREET TO WENTWORTH AVENUE
LOCAL AGENCY PAVEMENT PRESERVATION

STREET RESURFACING
PROJECT: M-8003 (433)

C-91-303-04

SECTION NO.: 02-00159-00-RS

VILLAGE OF LANSING
COOK COUNTY

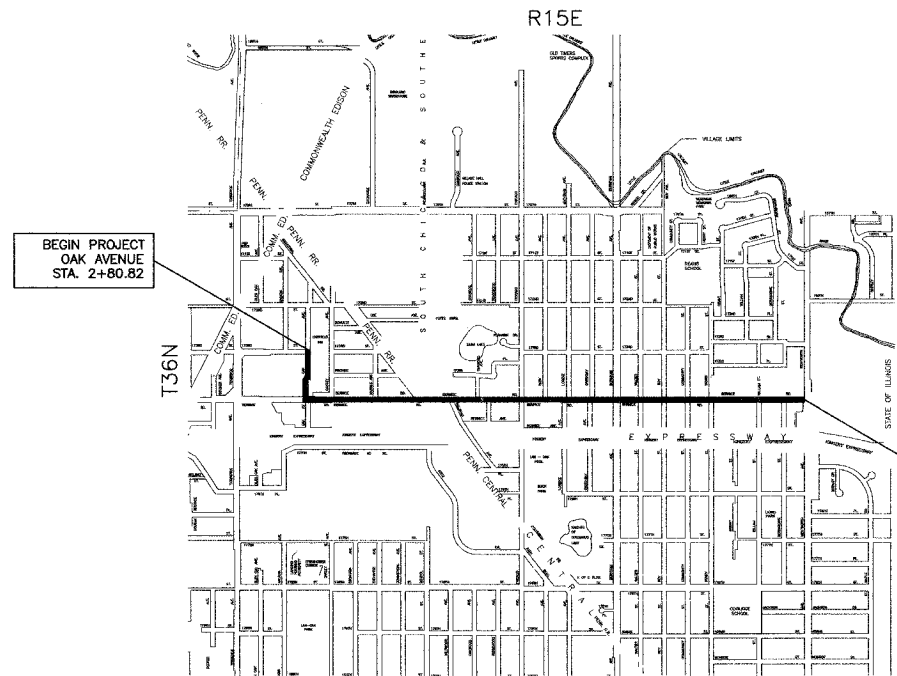


INDEX OF SHEETS

- COVER SHEET, INDEX OF SHEETS, LOCATION MAP
INDEX OF STATE STANDARDS
- SUMMARY OF QUANTITIES & GENERAL NOTES
- TYPICAL CROSS SECTION
- 7. ROADWAY AND PAVEMENT MARKING PLANS
- DISTRICT ONE PAVEMENT MARKINGS

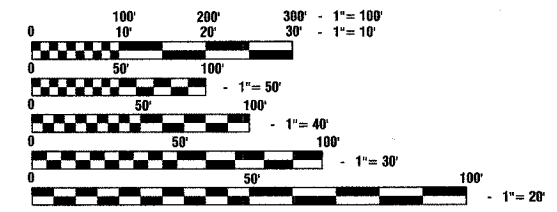
STATE STANDARDS

- | | |
|-----------|---|
| 000001-04 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 424001-04 | CURB RAMPS FOR SIDEWALKS |
| 442201-02 | CLASS C AND D PATCHES |
| 606001-03 | CONCRETE CURB TYPE B AND COMBINATION
CURB AND GUTTER |
| 701501-03 | URBAN LANE CLOSURE, 2-L, 2-W, UNDIVIDED |
| 701701-04 | URBAN LANE CLOSURE, MULTILANE, INTERSECTION |
| 701801-03 | LANE CLOSURE, MULTILANE, 1W OR 2W, CROSSWALK
OR SIDEWALK CLOSURE |
| 702001-06 | TRAFFIC CONTROL DEVICES |
| 780001-01 | TYPICAL PAVEMENT MARKINGS |
| 886001 | DETECTOR LOOP INSTALLATIONS |
| 886006 | TYPICAL LAYOUT FOR DETECTION LOOPS |



END PROJECT
BERNICE ROAD
STA 79+30

TRAFFIC DATA
2007 ADT = 12,300
2030 ADT = 15,000
SPEED LIMIT = 30 MPH



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

LOCATION MAP

GROSS LENGTH OF PROJECT: 7550 FEET (1.43 MILES)
NET LENGTH OF PROJECT: 7550 FEET (1.43 MILES)

CONTRACT 83913

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED: Feb 23 2007
Jim Watkins
DIRECTOR OF PUBLIC WORKS, VILLAGE OF LANSING

PASSED: April 10 2007
Christopher Holt
REGION ONE ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR
BID BASED ON
LIMITED REVIEW: April 10 2007
Diane O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS

PREPARED BY OR UNDER THE
DIRECT SUPERVISION OF:
W.C.P.
2/23/07



I.D.O.T. FEDERAL AID DESIGN ENGINEER: KEVIN STALLWORTH 847-705-4169
CONSULTANTS: ROBINSON ENGINEERING, LTD. 708-331-6700

P. A. U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1883	02-00159-00-RS	COOK	8	2
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. ROAD PROJECT	M-28003 (433)	

CONTRACT NO. 83913

SUMMARY OF QUANTITIES					PAVEMENT	ROADWAY	MARKINGS	SIGNS	LANDSCAPE	LIGHTS	SIGNALS	TRAINING
S.I.	CODE NO.	PAY ITEM	UNIT	QUAN	CONSTRUCTION TYPE CODE							
					1000	1000-2A	SFTY-1D	Y002-1C	Y003	Y003-1E	Y001	Y080
	25200650	SODDING, SALT TOLERANT (SPECIAL)	SQ YD	797		797						
	40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3212		3212						
	40600300	AGGREGATE (PRIME COAT)	TON	80		80						
	40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	1175		1175						
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	2979		2979						
	42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	142		142						
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	685		685						
	42400800	DETECTABLE WARNINGS	SQ FT	368		368						
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	588		588						
	44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	32111		32111						
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1555		1555						
	44000600	SIDEWALK REMOVAL	SQ FT	685		685						
	44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	14		14						
	44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	331		331						
	44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	864		864						
	60250200	CATCH BASINS TO BE ADJUSTED	EACH	49		49						
	60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	1		1						
	60255410	CATCH BASINS TO BE CLEANED	EACH	1		1						
	60255500	MANHOLES TO BE ADJUSTED	EACH	40		40						
	60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1		1						
	60266600	VALVE BOXES TO BE ADJUSTED	EACH	17		17						
	60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	1		1						
	60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	1		1						
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	75		75						
	60611600	COMBINATION CONCRETE CURB AND GUTTER, (SPECIAL)	FOOT	1480		1480						
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1		1						
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1		1						
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1		1						
	70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1500		1500						
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	148		148						
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2913		2913						
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	420		420						
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	880		880						
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	60		60						
*	88600600	DETECTOR LOOP REPLACEMENT	FOOT	300		300						
	Z0000940	AGGREGATE FOR DRIVEWAY MAINTENANCE	TON	100		100						
	XX006948	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	446		446						
	67100100	MOBILIZATION	L SUM	1		1						

* - INDICATES SPECIALTY ITEMS

GENERAL NOTES

ROBINSON ENGINEERING FIELD OFFICE SHALL BE NOTIFIED TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION. CALL (708) 331-6700

THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE 1 AND TYPE 2 BARRICADE USED. ONE (1) WEIGHTED SANDBAG SHALL BE INSTALLED ON EACH BOTTOM RAIL.

THE REMOVAL OF ANY DRIVEWAYS, PAVEMENT, CURB, ETC. SHALL BE ACCOMPLISHED BY MEANS OF A SAW CUT JOINT, AT THE DIRECTION OF THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE VARIOUS REMOVAL ITEMS.

WHEN, IN THE CONSTRUCTION OPERATION, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR OTHER DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH DAY BY THE CONTRACTOR AT HIS EXPENSE. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL J.U.L.I.E. AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, COMMUNICATIONS, AND GAS UTILITIES. (48 HOUR NOTIFICATION REQUIRED.)

IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

SCHEDULES INCLUDED IN THE PLANS HAVE BEEN PREPARED FROM FIELD NOTES. EXACT LOCATIONS FOR PATCHING SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.

AREAS DISTURBED BY CONSTRUCTION SHALL BE KEPT TO A MINIMUM. ALL AREAS DISTURBED UNNECESSARILY SHALL BE RESTORED AT THE CONTRACTORS EXPENSE.

UTILITIES INDICATED ON THE PLANS ARE PROVIDED OR THE CONTRACTORS USE AND ARE BASED UPON INFORMATION AVAILABLE AT THE TIME OF THE ADVERTISEMENT FOR BIDS. THE OWNER AND ENGINEER DO NOT GUARANTEE THE ACCURACY OF THE UTILITY INFORMATION.

ITEMS OF WORK LISTED IN THE SUMMARY OF QUANTITIES NOT SPECIFICALLY CALLED OUT ON THE PLANS SHALL BE PERFORMED AS DIRECTED BY THE ENGINEER.

ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

THE NOMINAL THICKNESS OF HOT-MIX ASPHALT MIXTURE STATED IN THE SPECIFICATIONS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT SURFACE IS PLACED.

CONTRACTOR SHALL MILL EXISTING PAVEMENT PRIOR TO PATCHING.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BERNICE ROAD

SCHEDULE OF QUANTITIES AND GENERAL NOTES

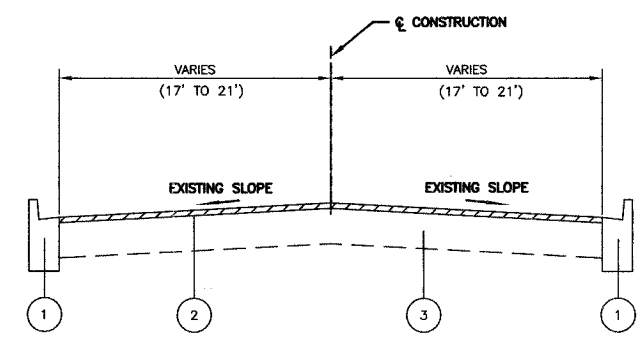
SCALE: VERT. NA
HORIZ. NA

DATE 06/04/03

DRAWN BY LEL/KR
CHECKED BY CMK

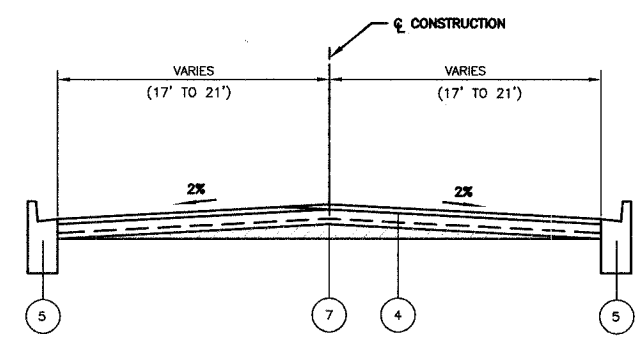
F. A. U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1683	02-00159-00-RS	COOK	8	3
STA. 2+80.82	TO STA. 79+30			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	M-8003 (433)	

CONTRACT NO. 83913

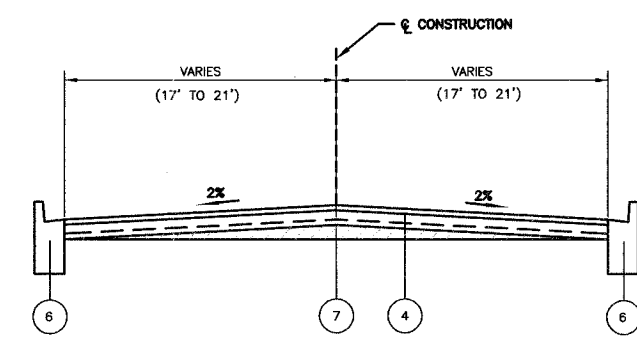


EXISTING TYPICAL CROSS SECTION
STA. 2+82 TO STA. 79+30

- ① EXISTING CURB & GUTTER TO BE REMOVED AT LOCATIONS AS SHOWN ON PLANS
- ② HOT-MIX SURFACE REMOVAL, 1½"
- ③ EXISTING BITUMINOUS BASE COURSE, 8"±
- ④ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 1½"
- ⑤ COMBINATION CONCRETE CURB & GUTTER, B6.12
- ⑥ COMBINATION CONCRETE CURB & GUTTER, SPECIAL
- ⑦ LEVELING BINDER (MACHINE METHOD), N70 ¾" AS REQUIRED



PROPOSED TYPICAL CROSS SECTION
STA. 2+82 TO STA. 10+00



PROPOSED TYPICAL CROSS SECTION
STA. 10+00 TO STA. 79+30

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

ITEM	AC TYPE	VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70	PG 64-22	4% @ 70 GYR
LEVELING BINDER (MACHINE METHOD), N70	PG 64-22/58-22	4% @ 70 GYR
CLASS D PATCHES, TYPE II, III, IV, 9 INCH	PG 64-22/58-22	4% @ 70 GYR
HOT-MIX ASPHALT DRIVEWAY REPLACEMENT	PG 64-22/58-22	4% @ 50 GYR

- NOTE:
- 1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.
 - 2. WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BERNICE ROAD

TYPICAL CROSS SECTIONS

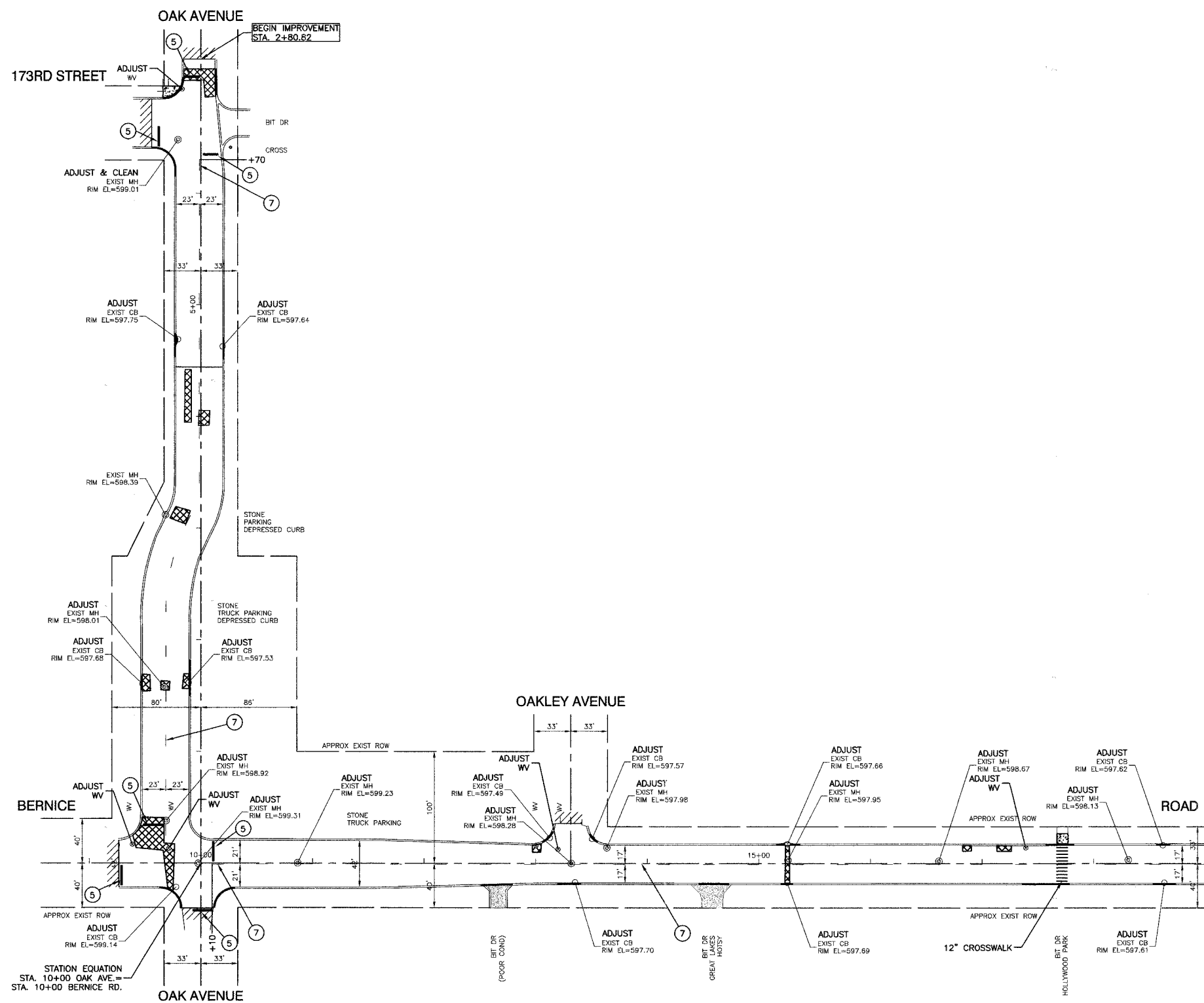
SCALE: VERT. NA
HORIZ. NA
DATE 06/04/03

DRAWN BY LEL/KR
CHECKED BY CMK

ROBINSON ENGINEERING, L.T.D.
CONSULTING REGISTERED PROFESSIONAL ENGINEERS
AND PROFESSIONAL LAND SURVEYORS
17000 SOUTH PARK AVE. SOUTH HOLLAND, ILLINOIS 60473-0386
01419-TYPX-01

F. A. U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1683	02-00159-00-RS	COOK	8	4
STA. 2+80.82	TO STA. 19+00			
FED. ROAD DIST. NO.	NUMBER	FED. AID PROJECT	M-8003 (433)	

CONTRACT NO. 83913



STRIPING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE TURN LANE)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE TURN LANE SKIP DASH)
- ④ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE STOP BAR)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE CROSSWALK)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW LANE LINE, 10 LINE - 30 SKIP)

LEGEND

- CONCRETE WALK REMOVAL AND REPLACEMENT
- CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
- LIMITS OF HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- CLASS D PATCHES
- HOT-MIX ASPHALT DRIVEWAY REMOVAL & REPLACEMENT
- CONCRETE DRIVEWAY REMOVAL & REPLACEMENT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BERNICE ROAD

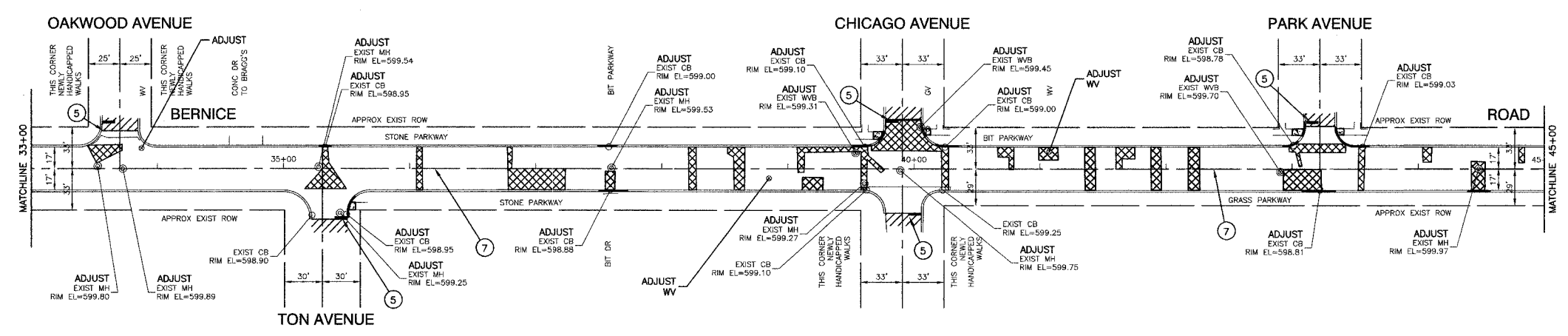
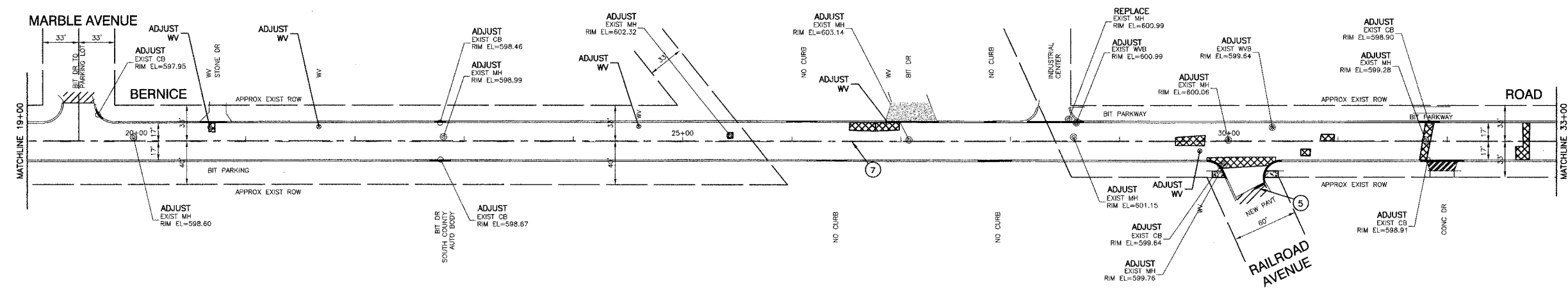
ROADWAY AND PAVEMENT MARKING PLANS

SCALE: VERT. NA
 HORIZ. 1"=50'
 DATE 06/06/03

DRAWN BY EDG/LEL/KR
 CHECKED BY CMK

P. A. U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1683	02-00159-00-RS	COOK	8	5
STA. 19+00		TO STA. 45+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	M-8003 (433)	

CONTRACT NO. 83913



- STRIPING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
 - ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE TURN LANE)
 - ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE TURN LANE SKIP DASH)
 - ④ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
 - ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE STOP BAR)
 - ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE CROSSWALK)
 - ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW LANE LINE, 10 LINE - 30 SKIP)

- LEGEND**
- CONCRETE WALK REMOVAL AND REPLACEMENT
 - CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
 - LIMITS OF HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
 - CLASS D PATCHES
 - HOT-MIX ASPHALT DRIVEWAY REMOVAL & REPLACEMENT
 - CONCRETE DRIVEWAY REMOVAL & REPLACEMENT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BERNICE ROAD

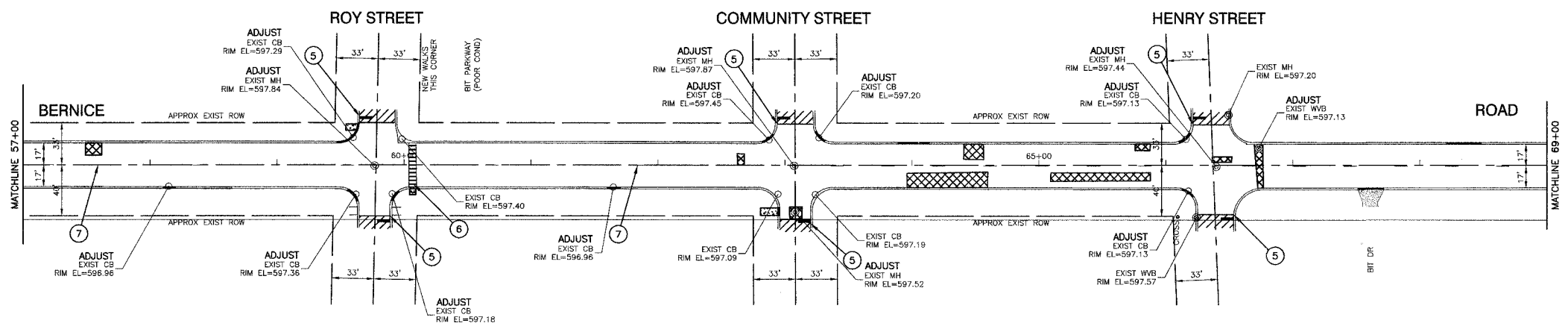
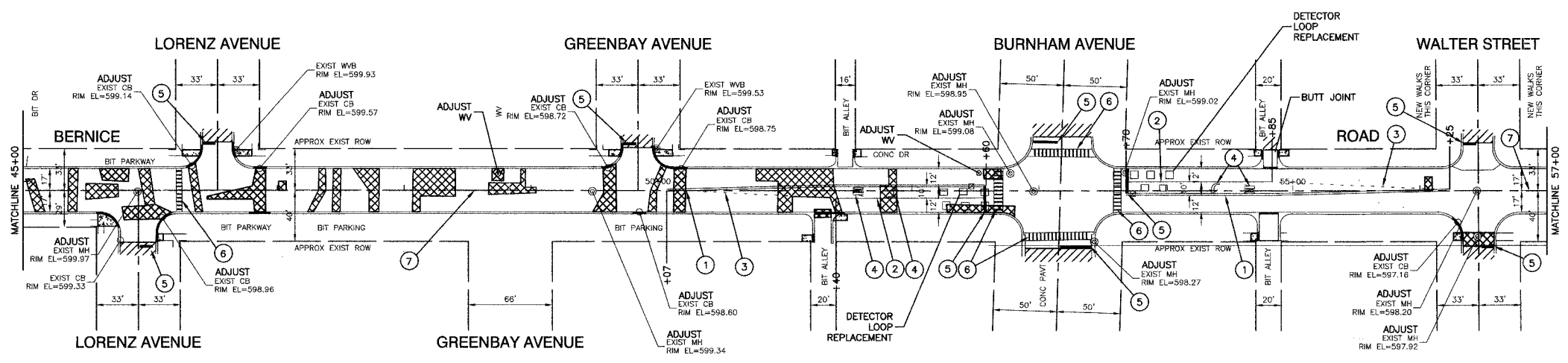
ROADWAY AND PAVEMENT MARKING PLANS

SCALE: VERT. NA
HORIZ. 1"=50'

DATE 06/06/03 DRAWN BY EDG/LEL
CHECKED BY CMK

F. A. U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1683	02-00159-00-RS	COOK	8	6
STA. 45+00	TO STA. 69+00			
FED. ROAD DIST. NO.	BLANKS	FED. AID PROJECT	M-8003 (433)	

CONTRACT NO. 83913



- STRIPING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
 - ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE TURN LANE)
 - ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE TURN LANE SKIP DASH)
 - ④ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
 - ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE STOP BAR)
 - ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE CROSSWALK)
 - ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW LANE LINE, 10 LINE - 30 SKIP)

- LEGEND**
- CONCRETE WALK REMOVAL AND REPLACEMENT
 - CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
 - LIMITS OF HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
 - CLASS D PATCHES
 - HOT-MIX ASPHALT DRIVEWAY REMOVAL & REPLACEMENT
 - CONCRETE DRIVEWAY REMOVAL & REPLACEMENT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**BERNICE ROAD
ROADWAY AND
PAVEMENT MARKING PLANS**

SCALE: VERT. NA
HORIZ. 1"=50'
DATE 06/06/03

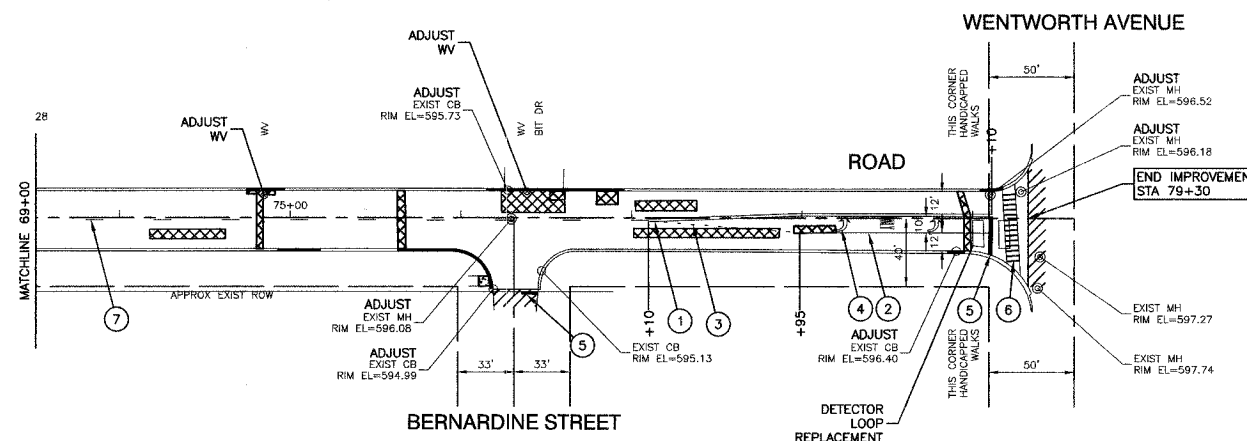
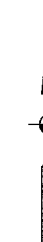
DRAWN BY EDG/LEL
CHECKED BY CMK

ROBINSON ENGINEERING, LTD.
CONSULTING REGISTERED PROFESSIONAL ENGINEERS
AND PROFESSIONAL LAND SURVEYORS
1700 SOUTH PARK AVE. SUITE 100, ILWACO, OREGON 97142-3086 01419-PLAN-01 (03)

F. A. J. RICE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1683	02-00159-00-RS	COOK	8	7
STA. 69+00		TO STA. 79+30		
FED. ROAD DIST. NO.	BLINDS	FED. AID PROJECT	M-8003 (433)	

CONTRACT NO. 83913

N



STRIPING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE TURN LANE)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE TURN LANE SKIP DASH)
- ④ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE STOP BAR)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE CROSSWALK)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW LANE LINE, 10 LINE - 30 SKIP)

LEGEND

- CONCRETE WALK REMOVAL AND REPLACEMENT
- CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
- LIMITS OF HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- CLASS D PATCHES
- HOT-MIX ASPHALT DRIVEWAY REMOVAL & REPLACEMENT
- CONCRETE DRIVEWAY REMOVAL & REPLACEMENT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

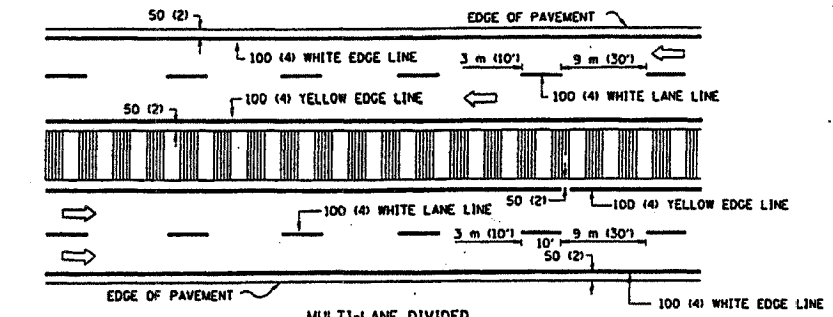
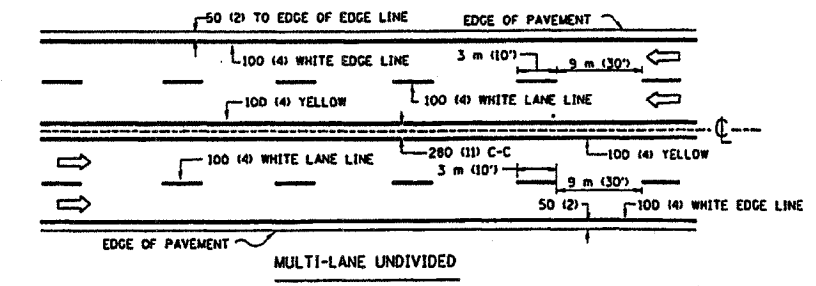
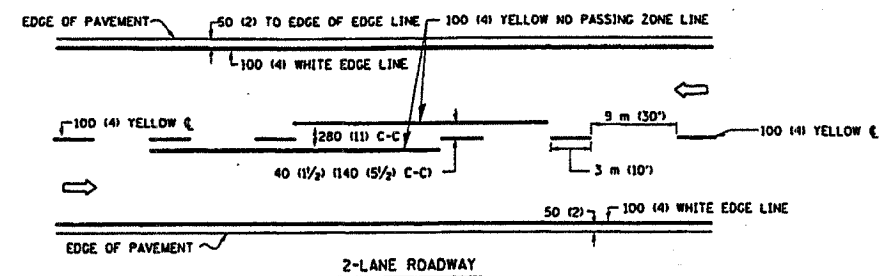
BERNICE ROAD

ROADWAY AND PAVEMENT MARKING PLANS

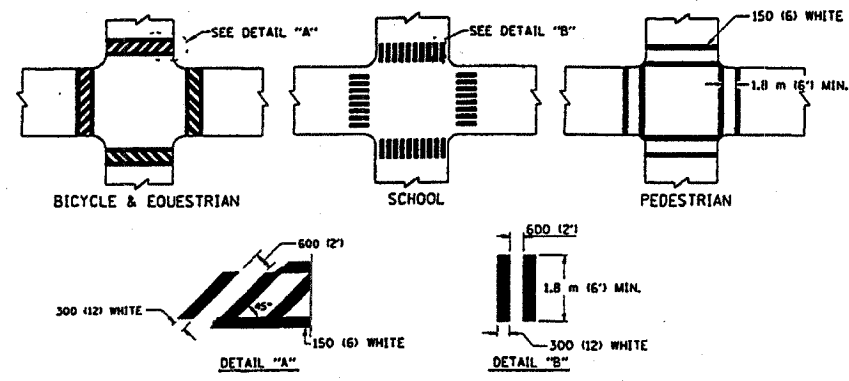
SCALE: VERT. NA
HORIZ. 1"=50'
DATE 06/06/08

DRAWN BY EDG/LEL
CHECKED BY CMK

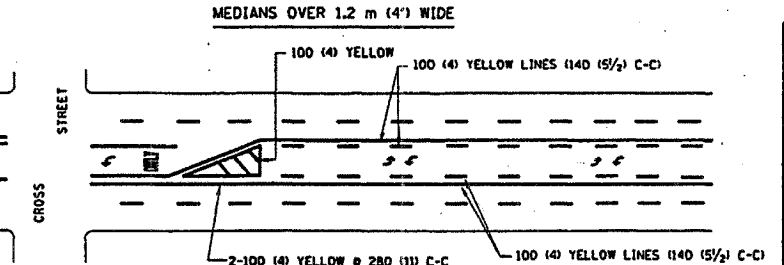
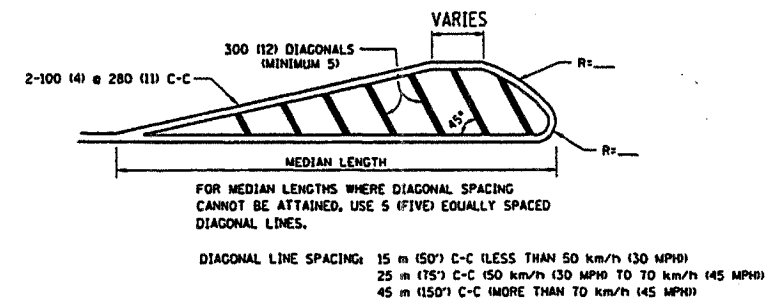
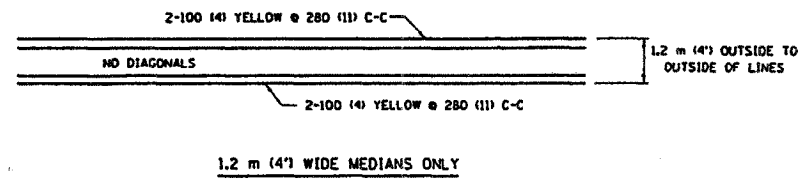
CONTRACT NO. 83913



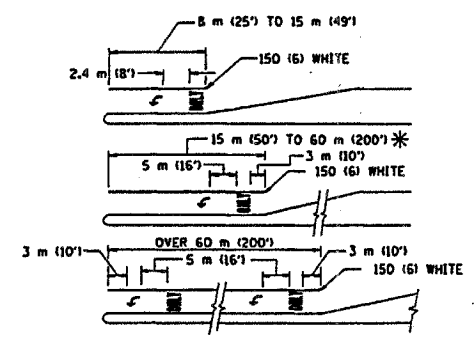
TYPICAL LANE AND EDGE LINE MARKING



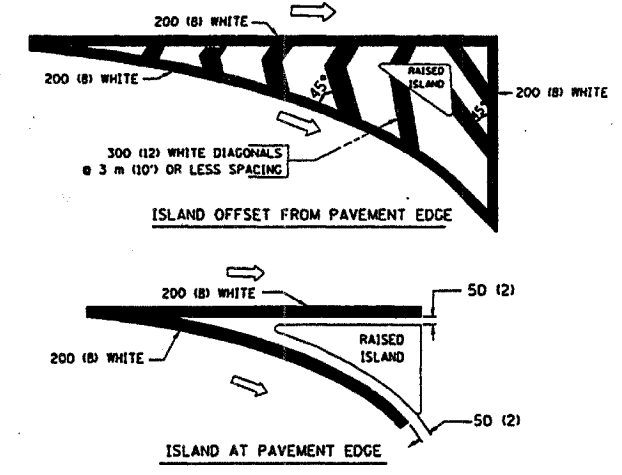
TYPICAL CROSSWALK MARKING



TYPICAL PAINTED MEDIAN MARKING



TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	100 (4)	SKIP-DASH	YELLOW	3 m (10') LINE WITH 9 m (30') SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 100 (4)	SOLID	YELLOW	280 (11) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	100 (4) 2 @ 100 (4)	SOLID SOLID	YELLOW YELLOW	140 (5 1/2) C-C FROM SKIP-DASH CENTERLINE 280 (11) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	100 (4) 125 (5) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	3 m (10') LINE WITH 9 m (30') SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	600 (2') LINE WITH 1.8 m (6') SPACE
EDGE LINES	100 (4)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	150 (6) LINE; FULL SIZE LETTERS & SYMBOLS (2.4 m (8'))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 100 (4) EACH DIRECTION 2.4 m (8') LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	3 m (10') LINE WITH 9 m (30') SPACE FOR SKIP-DASH; 140 (5 1/2) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL))	2 @ 150 (6) 300 (12) @ 45° 300 (12) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 1.8 m (6') APART 600 (2') APART 600 (2') APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	600 (24)	SOLID	WHITE	PLACE 1.2 m (4') IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 100 (4) WITH 300 (12) DIAGONALS @ 45° NO DIAGONALS USED FOR 1.2 m (4') WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	280 (11) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	200 (8) WITH 300 (12) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 4.5 m (15') C-C (LESS THAN 50 km/h (30 MPH)) 6 m (20') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH)) 9 m (30') C-C (OVER 70 km/h (45 MPH))
RAILROAD CROSSING	600 (24) TRANSVERSE LINES; "RR" 15 1.8 m (6') LETTERS; 400 (16) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R" = 0.33m ² (3.6 SQ. FT.) EACH "X" = 5.0 m ² (54.0 SQ. FT.)
SHOULDER DIAGONALS	300 (12) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	15 m (50') C-C (LESS THAN 50 km/h (30 MPH)) 25 m (75') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH)) 45 m (150') C-C (OVER 70 km/h (45 MPH))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in millimeters (inches) unless otherwise shown.

REVISIONS	
NAME	DATE
EVERS	03-19-90
T. RAMMACHER	10-27-94
ALEX HOUSEH	10-09-96
ALEX HOUSEH	10-17-96
T. RAMMACHER	01-06-00

ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE

TYPICAL PAVEMENT MARKINGS

SCALE: NONE DRAWN BY: CADD

DATE: 10/18/2002 CHECKED BY: