

SEE SHT. NO 2 FOR INDEX OF SHEETS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
161B	05-00028-00-SW	COOK	8	1

ILLINOIS PROJECT
C-91-039-06
CONTRACT NO. 83921

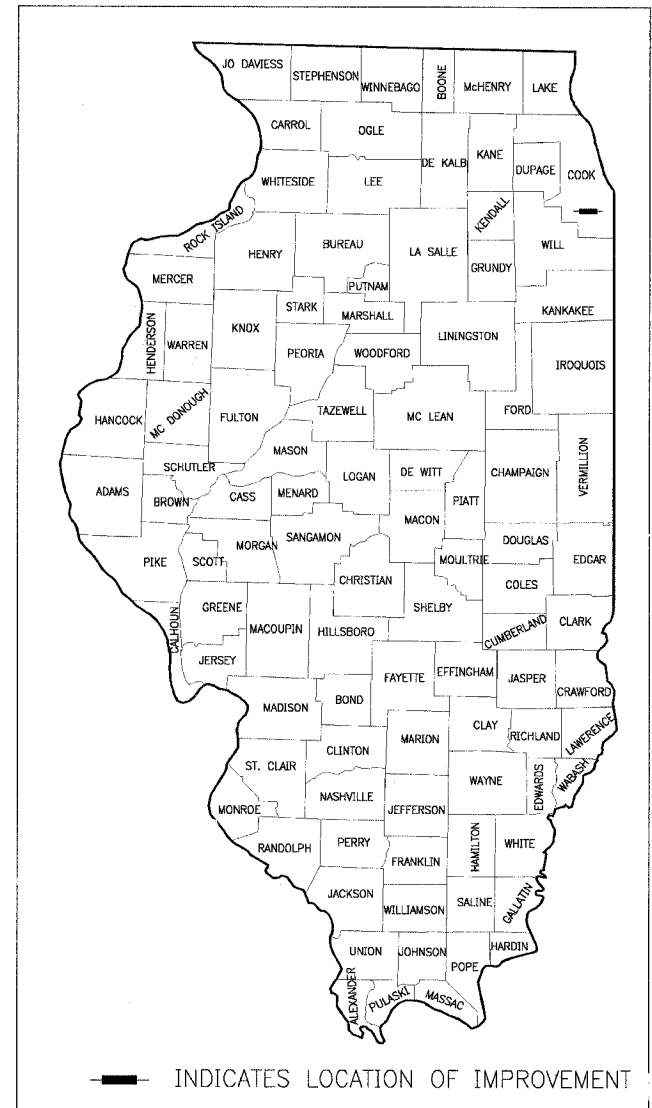
CMM-8003 (533)

PLANS FOR PROPOSED FEDERAL AID CMAQ PROJECT

FAU 1618 175TH STREET
CRAWFORD AVENUE TO COUNTRY CLUB DRIVE
SIDEWALK IMPROVEMENTS

PROJECT NO.: CMM-8003(533)
SECTION NO.: 05-00028-00-SW
COOK COUNTY
JOB NO.: C-91-039-06

LOCATION MAP



PROJECT NUMBER: CMM-8003(533)
175TH STREET
BEGIN PROJECT
STA. 10+28

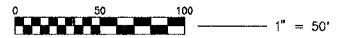
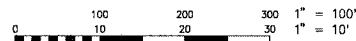
PROJECT NUMBER: CMM-8003(533)
175TH STREET
END PROJECT
STA. 26+65

**THIS PROJECT IS
LOCATED WITHIN
THE CITY OF
COUNTRY CLUB HILLS**

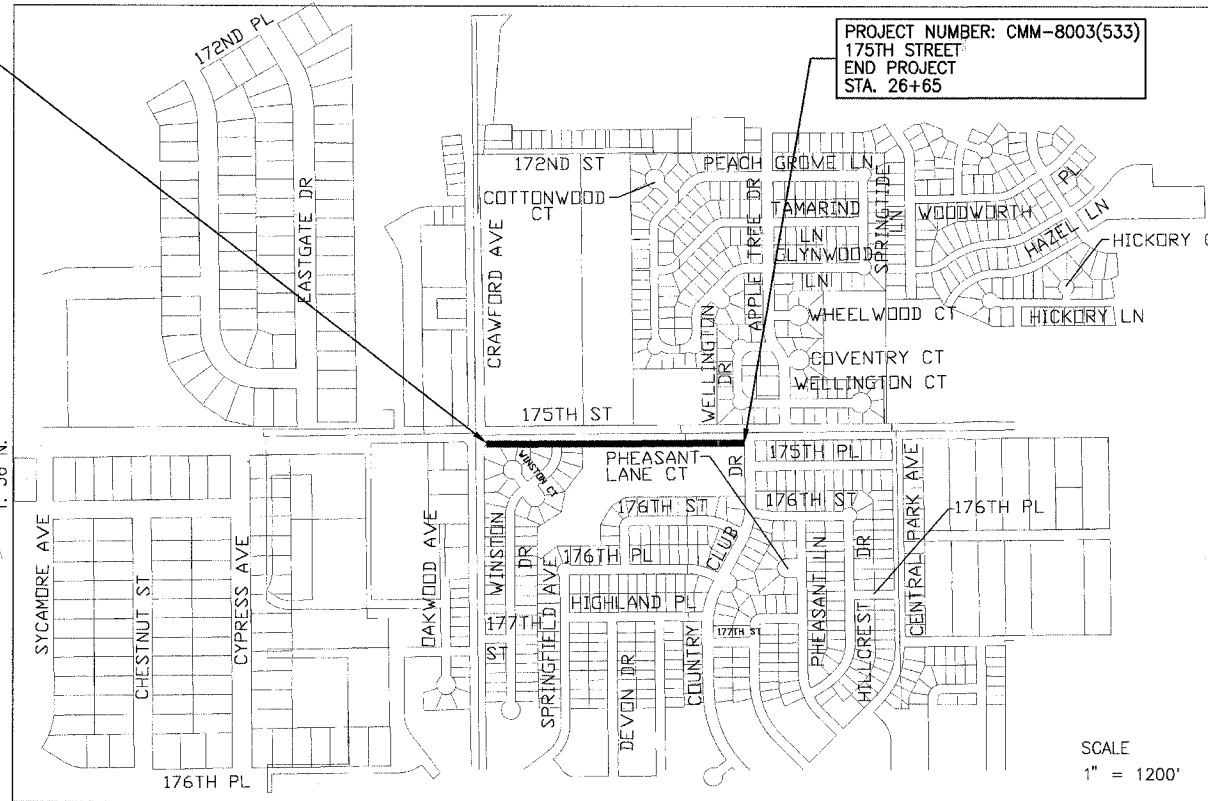
TRAFFIC DATA
175TH STREET
ADT 10400 (2005)
SPEED LIMIT 40 MPH



CALL 48 HOURS BEFORE YOU DIG



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



GROSS LENGTH OF IMPROVEMENT = 1,637 LIN. FT. OR 0.310 MILES
NET LENGTH OF IMPROVEMENT = 1,637 LIN. FT. OR 0.310 MILES

BAXTER & WOODMAN, INC.
STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2007

CONTRACT NO. 83921

COUNTY: COOK SECTION: NUMBER: 05-00028-00-SW

Crystal Lake, Illinois
815.459.1260

Burlington, Wisconsin
262.763.7834

Mokena, Illinois
708.478.2090

DeKalb, Illinois
815.787.3111

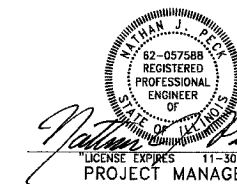


Grayslake, Illinois
847.223.5088

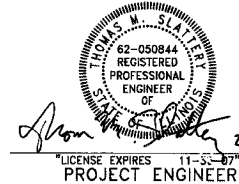
Rockford, Illinois
815.489.1551

Plainfield, Illinois
815.609.7425
(OFFICE WHICH PREPARED PLANS)

Itasca, Illinois
630.773.1870



Nathan J. Palk 2-20-07
PROJECT MANAGER



Thomas M. Statler 2-20-07
PROJECT ENGINEER

DATE: 02-20-2007

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED *[Signature]* 2-22-07
CITY OF COUNTRY CLUB HILLS
MAYOR

PASSED *[Signature]* APRIL 2, 2007
DISTRICT 1 ENGINEER OF
LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW *[Signature]* APRIL 4, 2007
DEPUTY DIRECTOR OF
HIGHWAYS, REGION 1 ENGINEER

F.A.P. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	05-00028-00-SW	COOK	8	2
STA.	TO STA.		ILLINOIS	
FED. ROAD DIST. NO.	C-91-039-06	FED AID PROJECT	M-8003 (533)	

GENERAL NOTES

1. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED IN THE STANDARD SPECIFICATIONS AND/OR SPECIAL PROVISIONS. UTILITY LOCATIONS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL USE CAUTION WHERE THERE ARE POTENTIAL CONFLICTS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER OR THE OWNER OR REPLACED. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.
4. ALL AGGREGATE USED ON THIS PROJECT SHALL BE CRUSHED MATERIAL.
5. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE TO STRUCTURES AT ALL TIMES.
6. WHERE THE PROPOSED PAVEMENT, SIDEWALK, OR CURB AND GUTTER ABUTS THE EXISTING PAVEMENT OR CONCRETE TO REMAIN IN PLACE, THE EXISTING PAVEMENT OR CONCRETE SHALL BE SAWCUT TO PROVIDE A NEAT VERTICAL FACE BETWEEN THE PROPOSED AND THE EXISTING SURFACES. THIS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
7. THE CONTRACTOR SHALL PROTECT AND REPLACE ALL SIGNS REMOVED DURING CONSTRUCTION AS NEAR AS POSSIBLE TO THEIR ORIGINAL LOCATION, OR AS DETERMINED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE EARTH EXCAVATION PAY ITEM.
8. REMOVAL OF EXISTING POST AND ATTACHING EXISTING SIGN ONTO NEW POLE IS INCIDENTAL TO METAL POST TYPE A.
9. TEMPORARY FENCE SHOULD BE ERECTED ALONG THE DRIPLINE OF EXISTING TREES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION. AFTER TREES ARE SAFELY FENCED NOTHING IS TO BE STORED, DRIVEN, OR DISTURBED INSIDE THE FENCE. REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.
10. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
11. TREE ROOT PRUNING IS TO BE USED ON EXISTING TREES TO PREVENT THE RIPPING UP OF ROOTS WHEN TRENCHING OR EXCAVATION IS WITHIN THE ROOT ZONE OF ADJACENT TREES TO REMAIN. SUPPLEMENTAL WATERING OF TREES SHOULD BEGIN IMMEDIATELY AFTER ROOT PRUNING OF THE TREES HAS OCCURRED.
12. EROSION CONTROL WORK ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATION NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE ERODABLE CONDITIONS.
13. THE LANDSCAPING AND EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOBSITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.

INDEX TO SHEETS

SHEET NO.	TITLE
1	COVER SHEET
2	INDEX OF SHEETS, STATE HIGHWAY STANDARDS, GENERAL NOTES, SUMMARY OF QUANTITIES AND EARTH EXCAVATION SCHEDULE
3	TYPICAL SECTIONS, BENCHMARKS AND HOT-MIXTURE SCHEDULE
4-5	PLAN: 175TH STREET
6	CROSS SECTIONS: 175TH STREET
7	DISTRICT ONE DETAIL TC-13: TYPICAL PAVEMENT MARKINGS
8	DISTRICT ONE DETAIL BD-24: CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

STANDARD NO. HIGHWAY STANDARDS

000001-04	STANDARD SYMBOLS AND ABBREVIATIONS
280001-03	TEMPORARY EROSION CONTROL SYSTEMS
424001-04	CURB RAMPS FOR SIDEWALKS
602011	CATCH BASIN, TYPE C
604001-02	FRAME AND LID, TYPE I
604036-01	GRATE, TYPE 8
606001-03	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701606-04	URBAN LANE CLOSURE, MULTILANE, 2W, WITH MOUNTABLE MEDIAN
701701-04	URBAN LANE CLOSURE, MULTILANE INTERSECTION
702001-06	TRAFFIC CONTROL DEVICES
720001	SIGN PANEL MOUNTING DETAILS
720006-01	SIGN PANEL ERECTION DETAILS
720011	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
729001	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)

SUMMARY OF QUANTITIES

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY SFTY-1B	QUANTITY	NON-PARTICIPATING QUANTITY
* 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	14	14	
* 20101000	TEMPORARY FENCE	FOOT	40	40	
* 20101200	TREE ROOT PRUNING	EACH	2	2	
* 20101400	NITROGEN FERTILIZER NUTRIENT	POUND	46.1	46.1	
* 20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	27.7	27.7	
* 20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	18.5	18.5	
* 20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	352.7	350.4	22.3
* 20400800	FURNISHED EXCAVATION	CU YD	286.6	286.6	
* 21101615	TOP SOIL FURNISH AND PLACE, 4"	SQ YD	2481	2481	
* 25200110	SODDING, SALT TOLERANT	SQ YD	2481	2481	
* 25200200	SUPPLEMENTAL WATERING	UNIT	3	3	
* 28000300	TEMPORARY DITCH CHECKS	EACH	2	2	
* 28000400	PERIMETER EROSION BARRIER	FOOT	508	508	
* 28000510	INLET FILTERS	EACH	4	4	
* 35101800	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	973	973	
* 35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	81		81
* 40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	20		20
* 40603375	HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50	TON	4.5		4.5
* 40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	0.25	0.25	
* 42300400	PORTLAND CEMENT CONCRETE DRIVEWAY 8 INCH	SQ YD	21.5	21.5	
* 42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	8754	8705	49
* 42400800	DETECTABLE WARNINGS	SQ FT	76	56	20
* 44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	30.5	30.5	
* 44000600	SIDEWALK REMOVAL	SQ FT	195	195	
* 44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	115	115	
* 550A0050	STORM SEWER, CLASS A, TYPE 1, 12"	FOOT	14	14	
* 60101705	PIPE DRAINS, 6" (SPECIAL)	FOOT	72		72
* 60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1	
* 60206905	CATCH BASINS, TYPE C, TYPE I FRAME AND OPEN LID	EACH	1	1	
* 60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	1	
* 60500080	REMOVING CATCH BASINS TO MAINTAIN FLOW	EACH	1	1	
* 60500090	REMOVING INLETS TO MAINTAIN FLOW	EACH	1	1	
* 60608250	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.06	FOOT	241		241
* 67100100	MOBILIZATION	L SUM	1	1	
* 70102625	TRAFFIC CONTROL & PROTECTION - STANDARD 701606	L SUM	1	1	
* 70102635	TRAFFIC CONTROL & PROTECTION - STANDARD 701701	L SUM	1	1	
* 72900100	METAL POST - TYPE A	FOOT	50	50	
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	90		90
* 78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	654	654	
* X0322453	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	50	50	

*** SPECIALTY ITEMS**

CONSULTANTS	REV. NO.	DATE	DESCRIPTION
	1	2-20-07	PER IDOT COMMENTS
	2	3-2-07	PER IDOT COMMENTS

* - REFER TO EQUIPMENT MANUFACTURER'S SHOP DRAWINGS

BAXTER & WOODMAN
 Consulting Engineers
 Crystal Lake, Illinois 815.459.1260
 Burlington, Wisconsin 262.763.7834
 Mokena, Illinois 708.478.3090
 DeKalb, Illinois 815.787.9111
 Crystal Lake, Illinois 815.459.1511
 Rockford, Illinois 815.469.1551
 Plainfield, Illinois 815.609.7435

CITY OF COUNTRY CLUB HILLS, ILLINOIS
175th STREET SIDEWALK

**INDEX OF SHEETS, HIGHWAY STANDARDS,
 GENERAL NOTES, SUMMARY OF QUANTITIES,
 AND EARTH EXCAVATION SCHEDULE**

NOT FOR BIDDING

DESIGNED BY	SCALE
DRAWN BY	NONE
CHECKED BY	PROJECT NO.
DATE	050073.40
12-20-06	SHEET NO.
	2 OF 8

EARTHWORK TABLE

STATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	FURNISHED EXCAVATION (CU YD)	FURNISHED EXCAVATION (CU YD) ADJUSTED FOR 15% SHRINKAGE FACTOR
10+28 TO 10+50	3.42	2.93	3.45
10+50 TO 11+00	10.74	0.00	0.00
11+00 TO 12+00	22.22	0.00	0.00
12+00 TO 13+00	28.15	0.00	0.00
13+00 TO 14+00	26.67	0.00	0.00
14+00 TO 14+55	0.00	0.00	0.00
14+55 TO 15+00	0.00	0.00	0.00
15+00 TO 16+00	22.22	0.00	0.00
16+00 TO 17+00	10.37	0.00	0.00
17+00 TO 18+00	22.22	53.33	62.75
18+00 TO 19+00	20.74	39.26	46.19
19+00 TO 20+00	22.22	48.15	56.64
20+00 TO 21+00	25.93	40.00	47.06
21+00 TO 22+00	19.26	13.33	15.69
22+00 TO 23+00	32.59	56.30	66.23
23+00 TO 24+00	28.15	5.93	6.97
24+00 TO 25+00	31.11	27.41	32.24
25+00 TO 26+00	26.67	0.00	0.00
26+00 TO 26+97	0.00	0.00	0.00
TOTALS	352.7	286.6	337.2

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 State of Illinois
 Design No. 050073-01-121 - 2/2/06 4-30-07

F.A.P. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	05-00028-00-SW	COOK	8	3
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED AID PROJECT		
C-91-039-06		M-8003 (533)		
CONTRACT NO.: 83921				

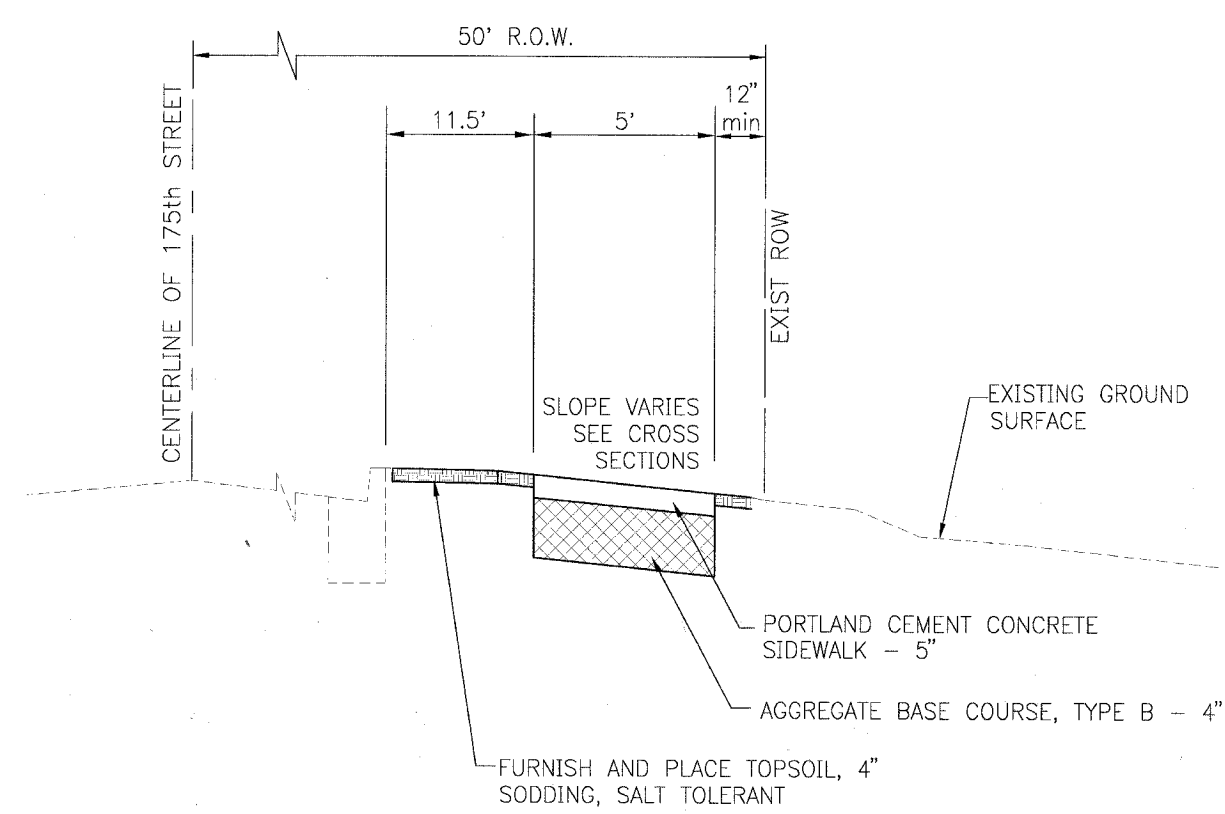
HMA MIXTURE REQUIREMENTS CHART

ITEM	AC TYPE	AIR VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	PG 64-22	4% @ 50 gyr.
INCIDENTAL HOT-MIX ASPHALT SURFACING, MIX "D", N50	PG 64-22	4% @ 50 gyr.

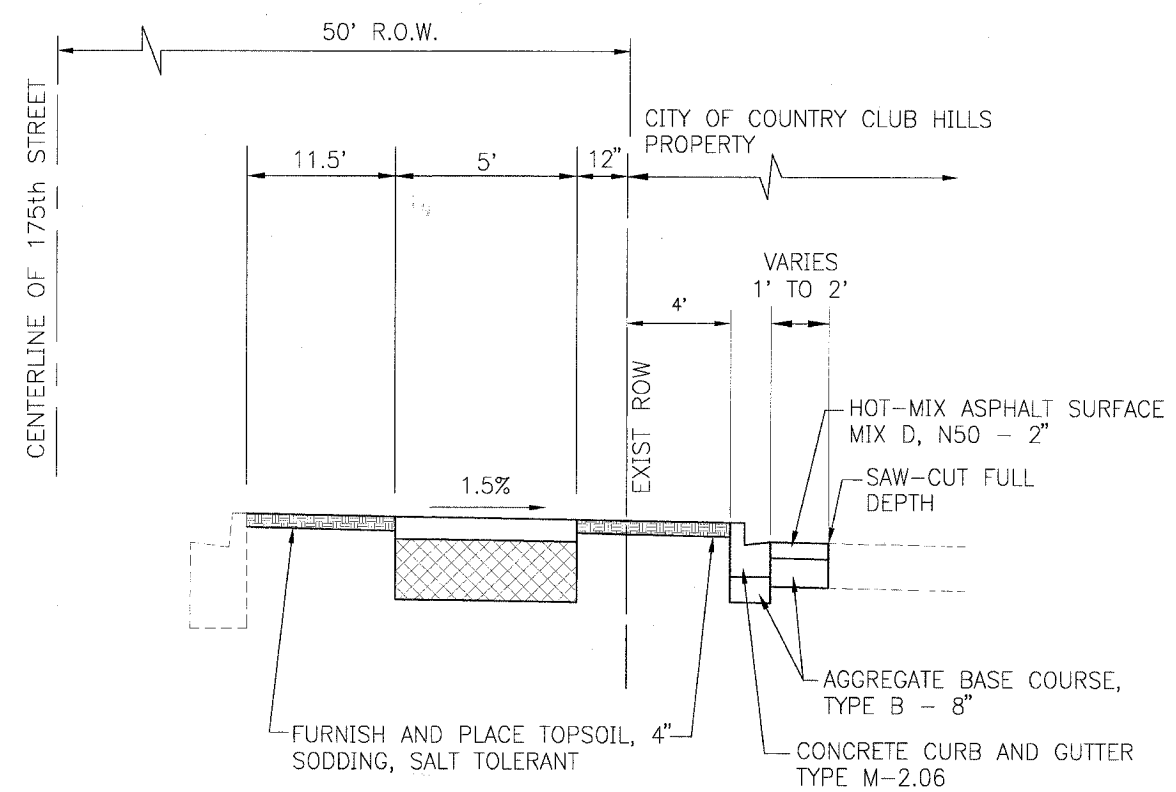
"THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN."

BENCHMARKS

- TBM#1 SOUTHWEST FLANGE BOLT ON FIRE HYDRANT
ELEVATION = 100.00
- TBM#2 TOP OF CULVERT WALL
ELEVATION = 98.26



TYPICAL SECTION
175TH STREET - LOOKING EAST
STA. 10+28 TO 23+20
STA. 25+61 TO 26+65



TYPICAL SECTION
175TH STREET - LOOKING EAST
STA. 23+20 TO 25+61

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CONSULTANTS	REV. NO.	DATE	DESCRIPTION
	1	2-20-07	PER IDOT COMMENTS
* - REFER TO EQUIPMENT MANUFACTURER'S SHOP DRAWINGS			

BAXTER & WOODMAN
Consulting Engineers

Baxter & Woodman
Crystal Lake, Illinois 815.459.1200
Burlington, Wisconsin 262.763.7834
Moline, Illinois 708.478.2090
DeKalb, Illinois 815.287.3111
Graystone, Illinois 847.223.5088
Rockford, Illinois 815.489.1551
Plainfield, Illinois 815.809.7425

CITY OF COUNTRY CLUB HILLS, ILLINOIS
175th STREET SIDEWALK

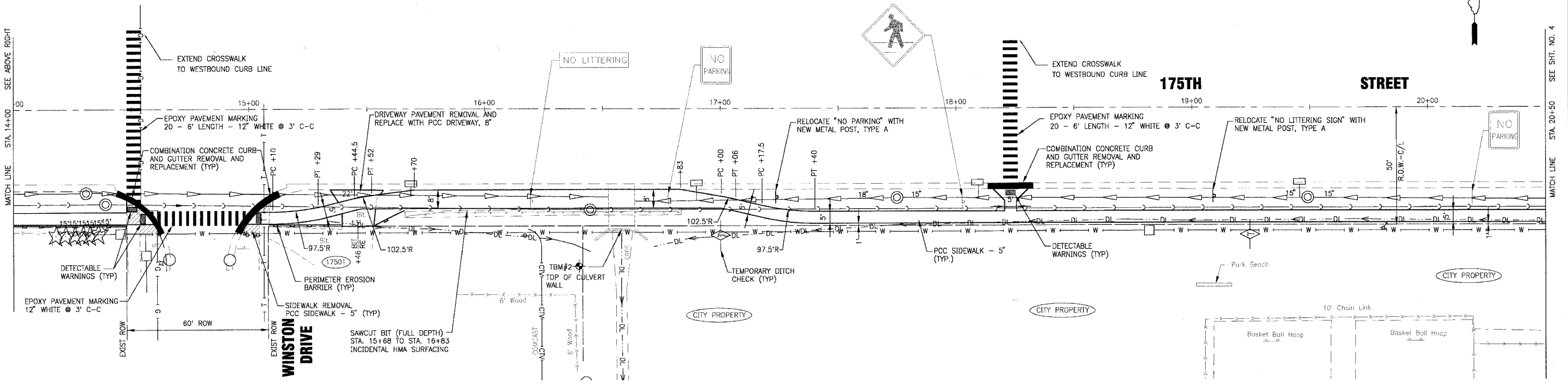
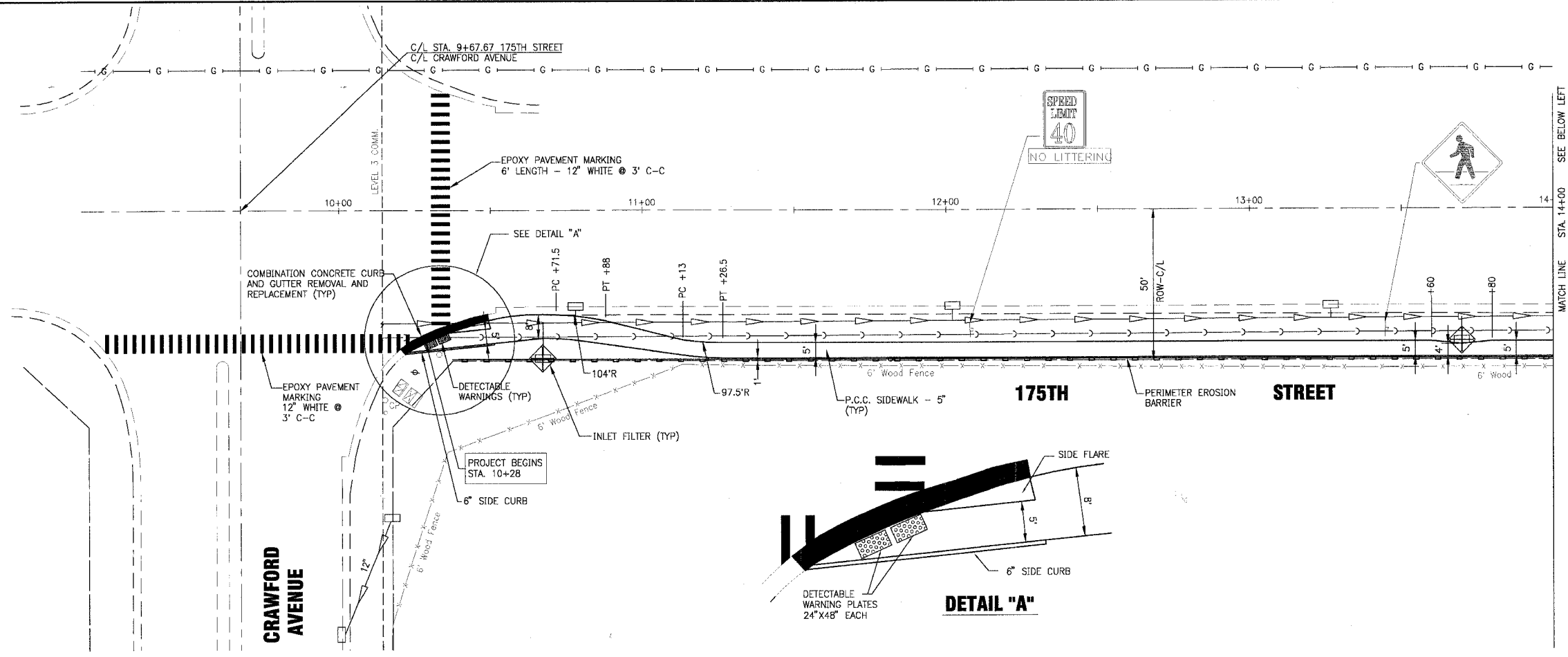
TYPICAL SECTIONS, BENCHMARKS AND MIXTURE REQUIREMENTS CHART

NOT FOR BIDDING

DESIGNED BY	TMS	SCALE	NONE
DRAWN BY	PMP	PROJECT NO.	050073.40
CHECKED BY		SHEET NO.	
NJP			
DATE	12-20-06		

3 OF 8

F.A.P. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	05-00028-00-SW	COOK	8	4
STA. 10+00 TO STA. 20+50				
FED. ROAD DIST. NO. C-91-039-06		ILLINOIS	FED AID PROJECT M-8003 (533)	
CONTRACT NO.: 83921				



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CONSULTANTS	REV. NO.	DATE	DESCRIPTION
	1	2-20-07	PER IDOT COMMENTS
	2	3-2-07	PER IDOT COMMENTS

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BAXTER & WOODMAN
 Consulting Engineers

Baxter & Woodman
 Crystal Lake, Illinois 815 456-1260
 Burlington, Wisconsin 262 763-7834
 Mokena, Illinois 708 476-2090
 DuKalo, Illinois 815 797-3111
 Grayslake, Illinois 815 233-5088
 Rockford, Illinois 815 489-1551
 Plainfield, Illinois 815 609-7425

CITY OF COUNTRY CLUB HILLS, ILLINOIS
175th STREET SIDEWALK

175TH STREET STA. 10+00 TO STA. 20+50 PLAN		DESIGNED BY	SCALE
		TMS	HORIZ: 1"=20'
		DRAWN BY	PROJECT NO.
		UK3	050073.40
		CHECKED BY	SHEET NO.
		NJP	4 OF 8
		DATE	
		12-20-06	

NOT FOR BIDDING

F.A.P. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
161B	05-00028-00-SW	COOK	8	5
STA. 20+50 TO STA. 26+65				
FED. ROAD DIST. NO.	ILLINOIS	FED AID PROJECT		
C-91-039-06		M-8003 (533)		

CONTRACT NO.: B3921

CATCH BASIN

ST-CB 1
CATCH BASIN, TY C, W TYPE 8 GRATE
2' DIA.
STA. 23+14, 55' RT.
RIM = 97.71+/-
INV = 94.63 12" NW
INV = 95.21 12" E

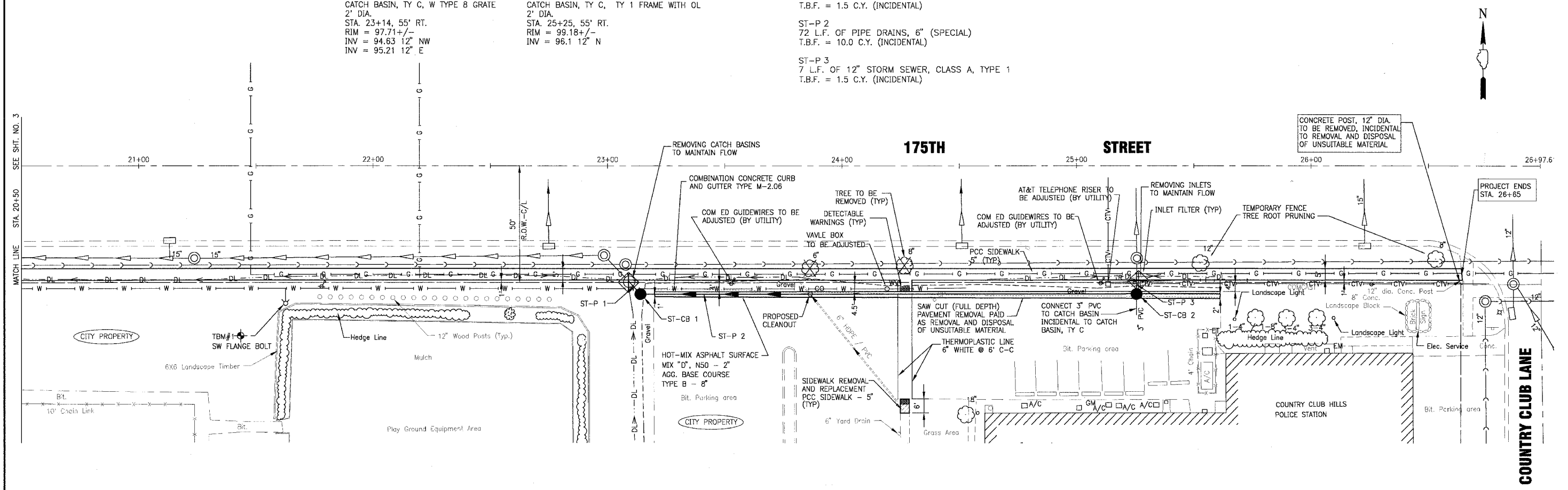
ST-CB 2
CATCH BASIN, TY C, TY 1 FRAME WITH OL
2' DIA.
STA. 25+25, 55' RT.
RIM = 99.18+/-
INV = 96.1 12" N

STORM SEWER PIPES

ST-P 1
7 L.F. OF 12" STORM SEWER, CLASS A, TYPE 1
T.B.F. = 1.5 C.Y. (INCIDENTAL)

ST-P 2
72 L.F. OF PIPE DRAINS, 6" (SPECIAL)
T.B.F. = 10.0 C.Y. (INCIDENTAL)

ST-P 3
7 L.F. OF 12" STORM SEWER, CLASS A, TYPE 1
T.B.F. = 1.5 C.Y. (INCIDENTAL)



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	1	2-20-07	PER IDOT COMMENTS
	2	3-2-07	PER IDOT COMMENTS

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BAXTER & WOODMAN
Consulting Engineers

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Crystal Lake, Illinois 815.459.1200
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Mokena, Illinois 708.478.2090
DeKalb, Illinois 815.797.3111
Crestlake, Illinois 847.223.5068
Rockford, Illinois 815.459.1551
Plainfield, Illinois 815.699.7425

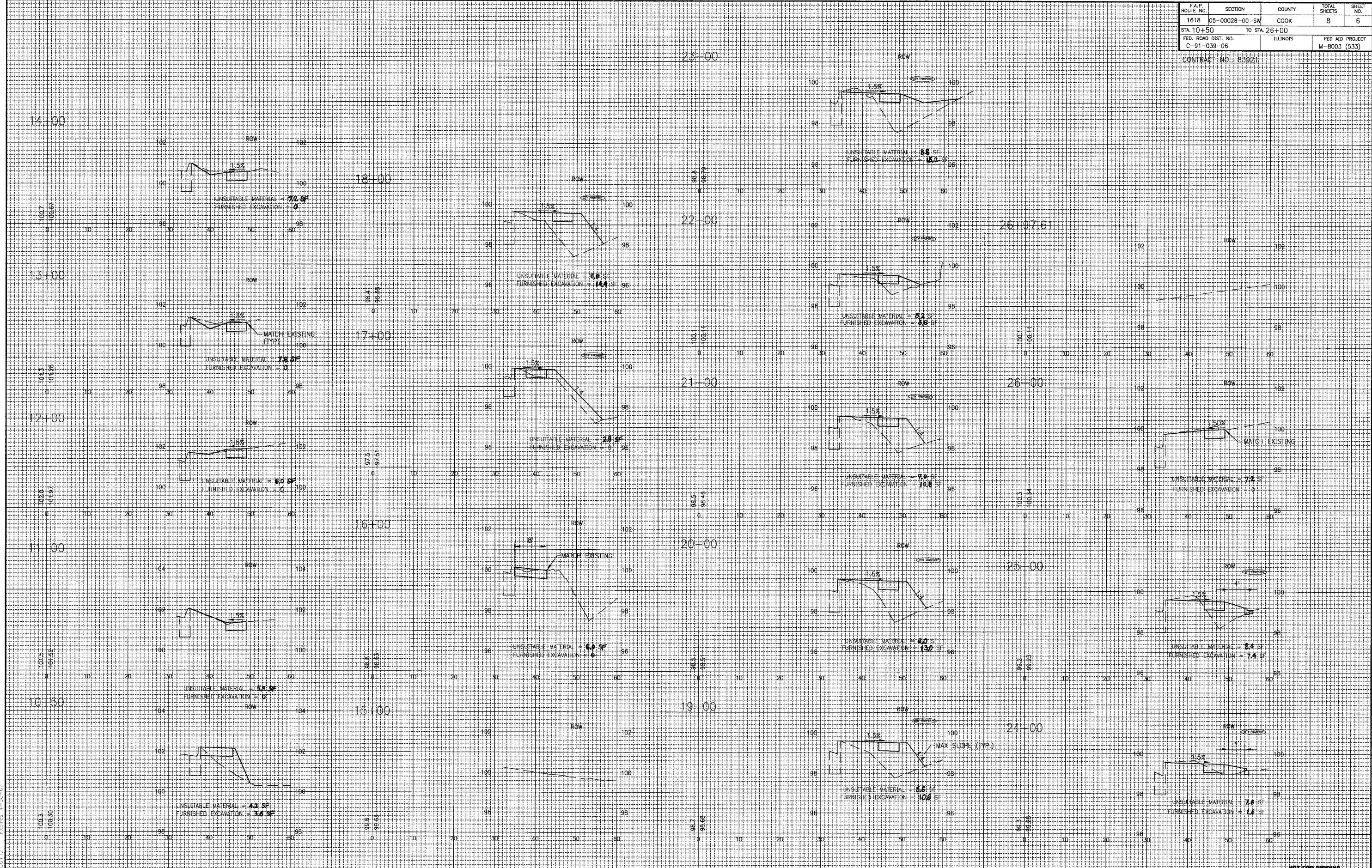
CITY OF COUNTRY CLUB HILLS, ILLINOIS
175th STREET SIDEWALK

175TH STREET
STA. 20+50 TO STA. 26+65
PLAN

NOT FOR BIDDING

DESIGNED BY	TMS	SCALE	HORIZ: 1"=20'
DRAWN BY	LUK	PROJECT NO.	050073.40
CHECKED BY	NJP	SHEET NO.	5 OF 8
NJP DATE	12-20-06		

F.A.P. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1616	05-00028-00-SW	COOK	8	6
STA. 10+50 TO STA. 26+00		ILLINOIS	FED AID PROJECT M-8003 (533)	
FED. ROAD DIST. NO. C-91-038-06		CONTRACT NO. 83921		



NOT FOR BIDDING

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 DeKalb, Illinois 815.787.3111
 Graystone, Illinois 647.223.5608
 Rockford, Illinois 815.458.1554
 Plainfield, Illinois 815.609.7425

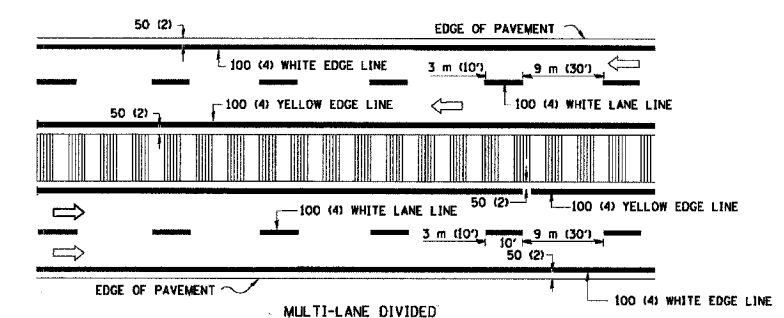
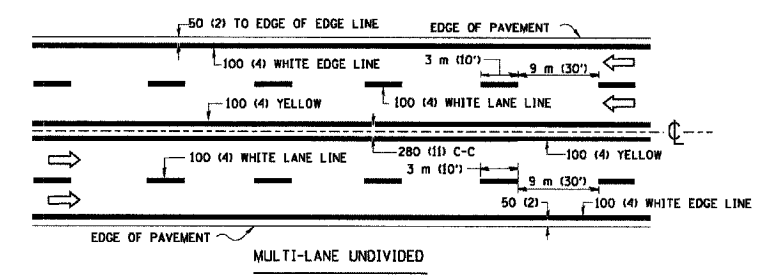
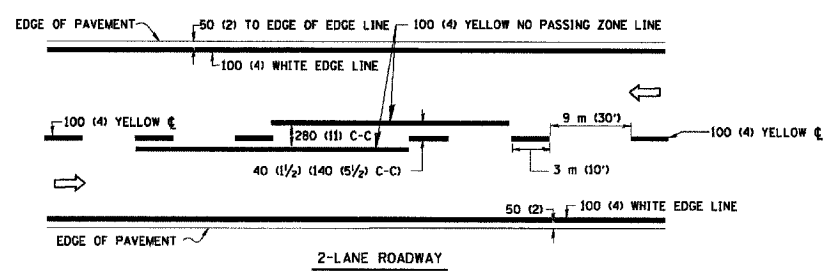
CITY OF COUNTRY CLUB HILLS, ILLINOIS
175th STREET SIDEWALK

175TH STREET
STA. 10+50 TO STA. 26+00
CROSS SECTIONS

DESIGNED BY	TMS	SCALE VERT: 1"=2'
DRAWN BY	UKB	HORIZ: 1"=10'
CHECKED BY	NJP	PROJECT NO. 050073.40
DATE	12-20-06	SHEET NO. 6 OF 8

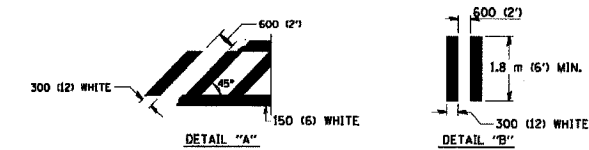
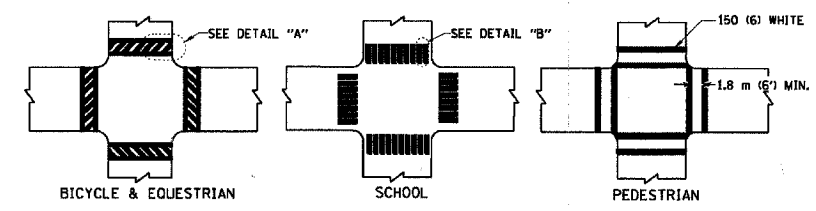
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 Copyright © 2005, Baxter & Woodman, Inc.
 State of Illinois - Professional Design Firm
 License No. - 184-001121 Expires 4-30-07

CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1618	05-00028-00-SW	COOK	8	7
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
C-91-039-06		M-8003 (533)		
CONTRACT NO.: 83921				

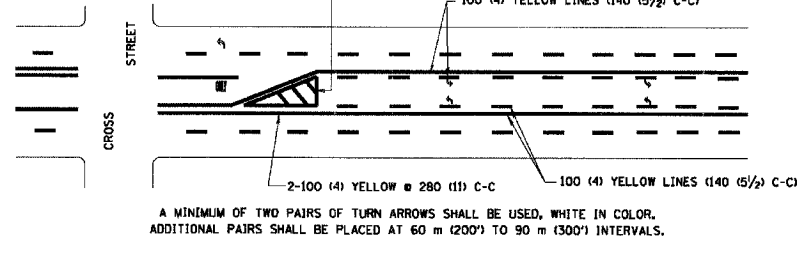
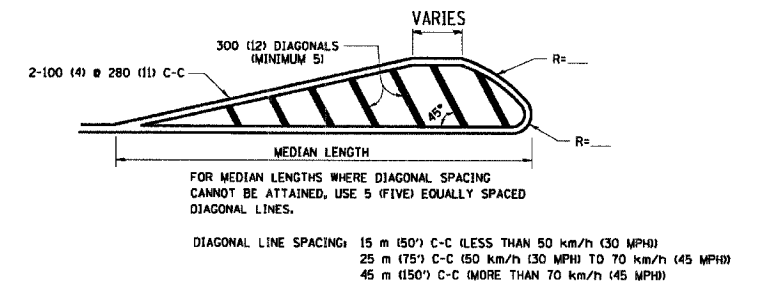
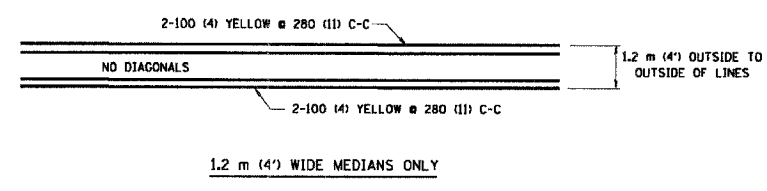


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

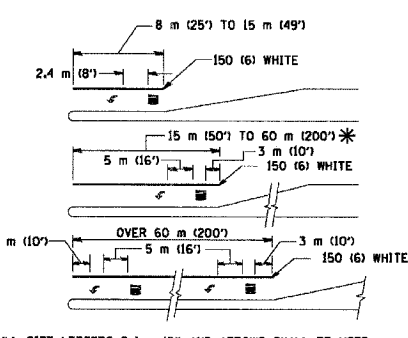
TYPICAL LANE AND EDGE LINE MARKING



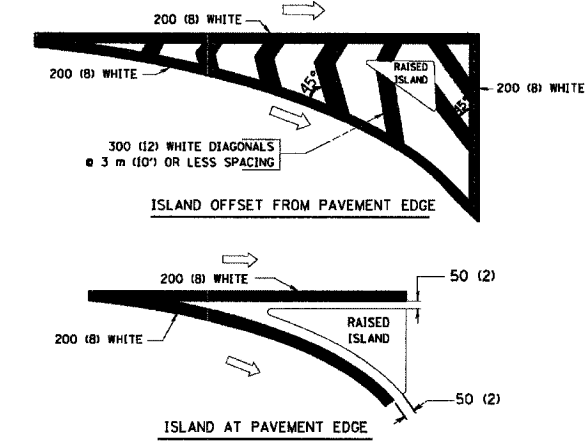
TYPICAL CROSSWALK MARKING



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 (1) 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 (1) 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 (1) 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" IS 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

DATE: 2/15/2006

DRAWN BY CADD

CHECKED BY

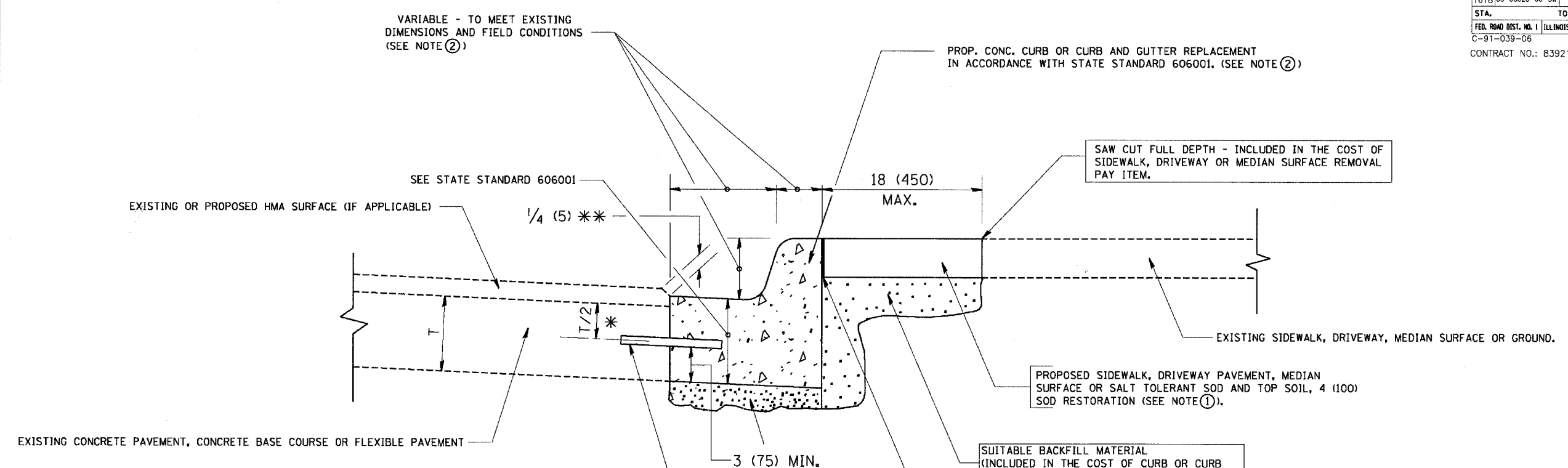
TC-13

REVISION DATE: 01/06/00

J:\CCHLIC\050073\40-Design\DWGS\050073-21511 DETS.dwg - S17
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 Copyright © 2006 by Bentley Systems, Incorporated
 Bentley Systems, Incorporated
 License No. - 84-001171 - Expires 4-30-07

PLOT DATE = 2/15/2006
 PLOT SCALE = 1:1
 USER NAME = s3666cd

CONTRACT NO.			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
1618	05-00028-00-SW	COOK	8 8
STA.		TO STA.	
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT	
C-91-039-06		M-8003 (533)	
CONTRACT NO.: 83921			



- * 3 (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- * * IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

- NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.
- SALT TOLERANT SOD AND TOP SOIL, 4 (100) RESTORATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ② CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- ③ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
- ④ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑤ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑥ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
- ⑦ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

- UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.
- REMOVAL AND REPLACEMENT 4 (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- REMOVAL AND REPLACEMENT IN EXCESS OF 4 (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- PROPOSED #6 (20) EPOXY COATED TIE BARS 24 (600) LONG AT 24 (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

BASIS OF PAYMENT:
 THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

REVISIONS	
NAME	DATE
A. HOUSEH	03/11/94
R. SHAH	02/24/95
R. SHAH	03/02/95
R. SHAH	06/19/96
R. SHAH	09/12/96
R. SHAH	09/19/96
R. SHAH	10/03/96
A. ABBAS	03/21/97
M. GOMEZ	01/22/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
 CURB OR
 CURB AND GUTTER
 REMOVAL AND REPLACEMENT

SCALE: VERT. NONE
 HORIZ. 1" = 10'
 PLOT DATE: 10/31/2006
 DRAWN BY
 CHECKED BY
 BD600-06 (BD-24)
 REVISION DATE: 01/01/07

\CD\CHC\0560073\46-Design\DWGS\056003-11571 DETS.dwg - SHB
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 License No. 184-001121 - Expires 4-30-07

PLOT DATE: 10/31/2006
 PLOT SCALE: 1" = 10'
 USER NAME: sbbocd