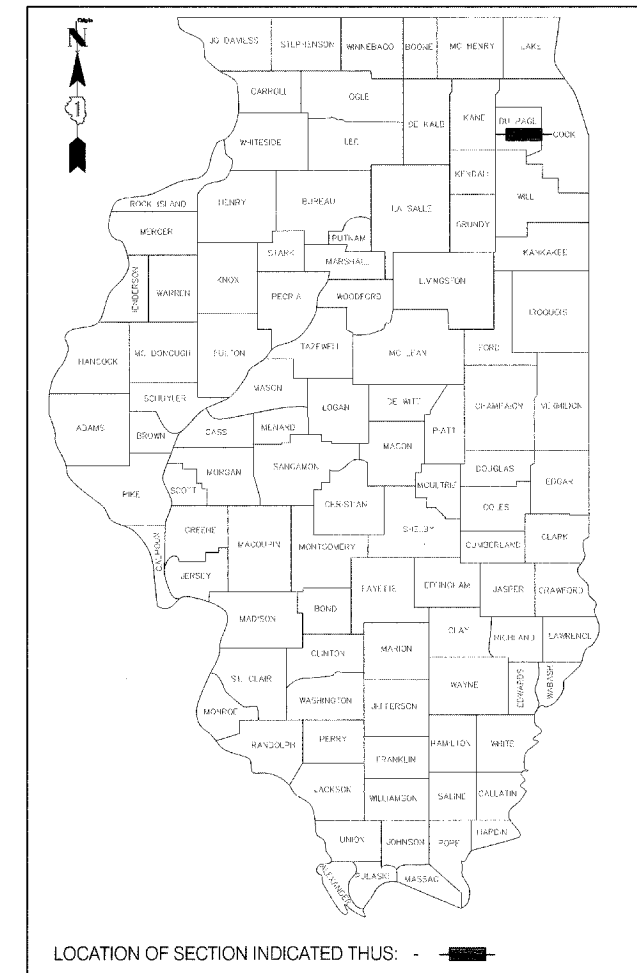


CONTRACT NO.: 83814

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
FEDERAL AID PROJECT
FAU RTE. 1552 (83RD STREET)
SOUTH FRONTAGE ROAD TO
COUNTY LINE ROAD (FAU 2684)
RESURFACE/RECONSTRUCTION
SECTION : 04-00029-00-PV
PROJECT : M-8003(505)
DuPAGE COUNTY
JOB: C-91-188-05

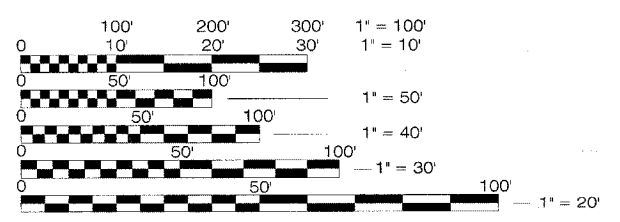
FOR INDEX OF SHEETS, SEE SHEET NO. 2



CONSULTANT SERVICES ENGINEER
VILLAGE OF BURR RIDGE / LANCE CALVERT / 630-323-4733

THIS PROJECT IS LOCATED IN THE VILLAGE OF BURR RIDGE

TRAFFIC DATA:
 2005 ADT = 4420
 DESIGN SPEED = 30 MPH
 POSTED SPEED = 30 MPH



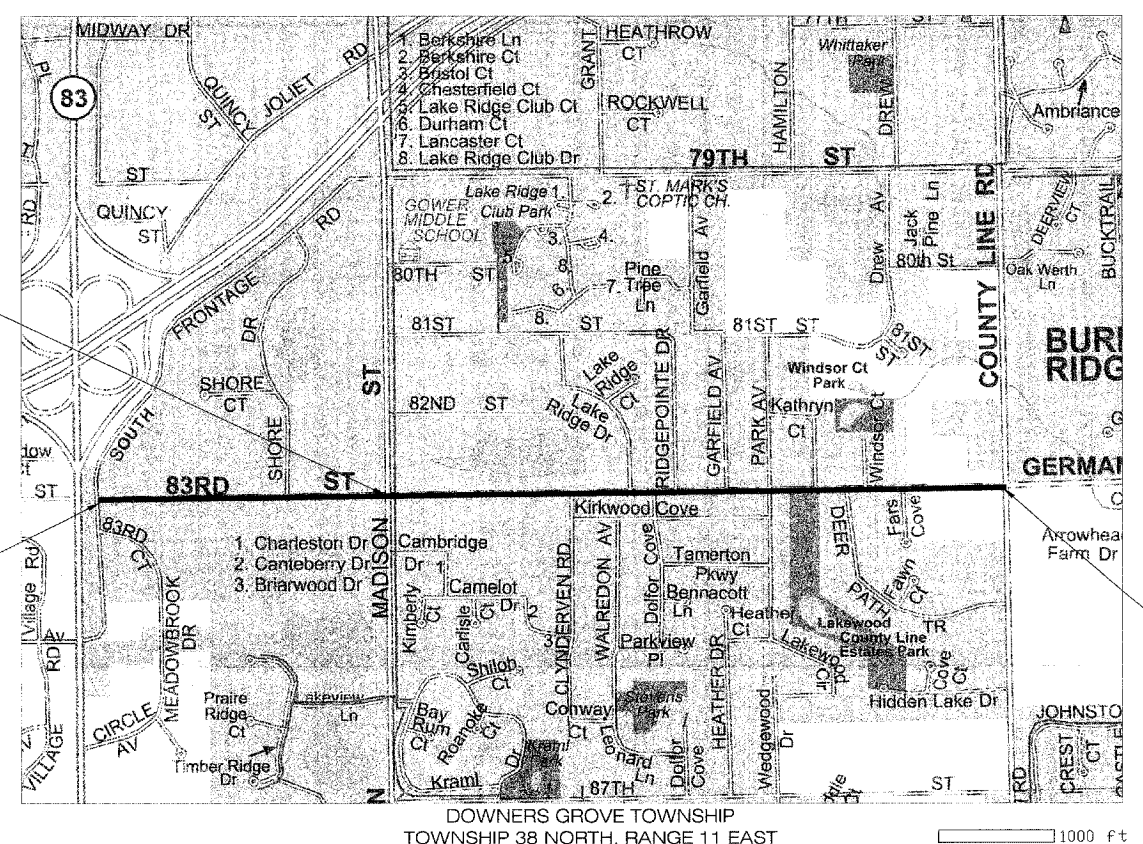
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

COMMISSION
 STA. 24+75
 TO STA. 25+93

PROJECT BEGINS
 STATION 0+00

PROJECT ENDS
 STATION 78+28



DOWNERS GROVE TOWNSHIP
 TOWNSHIP 38 NORTH, RANGE 11 EAST

NET LENGTH OF PROJECT = 7710 LF = 1.460 MI
 GROSS LENGTH OF PROJECT = 7828 LF = 1.483 MI

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED *July 21, 2005*
 [Signature] VILLAGE OF BURR RIDGE

APPROVED *7/21, 2005*
 [Signature] LOCAL ROADS AND STREETS ENGINEER

APPROVED *July 21, 2005*
 [Signature] DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Village of Burr Ridge, IL
 Engineering Department
 451 Commerce St.
 Burr Ridge, IL 60527
 Phone: (630) 323-4733
 FAX: (630) 323-4798

Signature: *[Signature]*
 Date: *7/1/05*
 IL License No.: 062-053288
 Exp. Date: 11-30-2005



PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

FEDERAL AID DESIGN ENGINEER
ABAGAIL BRINKS / 847-706-4233

CONTRACT NO. 83814

Station		44000500 Comb. Curb & Gutter Rem. (LF)
From	To	
0+15	1+50 (R)	278
0+15	0+50 (L)	30
5+05	6+00 (R)	75
6+30	7+20 (L)	75
9+40	10+20 (R)	56
10+90	11+50 (L)	50
11+50	12+50 (L)	65
16+50	17+50 (L)	20
16+50	17+50 (R)	63
18+20	18+90 (L)	65
20+20	20+70 (R)	40
27+50	28+00 (R)	10
27+50	28+00 (L)	30
28+30	33+80 (L)	550
31+50	32+00 (R)	10
35+00	35+50 (R)	10
35+00	35+50 (L)	10
37+00	37+15 (L)	10
37+80	38+00 (R)	10
38+50	39+00 (L)	10
47+50	48+00 (R)	10
48+00	48+75 (L)	45
48+00	48+75 (R)	10
54+00	55+00 (L)	20
54+00	55+00 (R)	20
57+90	58+20 (L)	20
59+00	60+50 (R)	150
61+50	62+00 (R)	10
61+50	62+00 (L)	10
66+50	67+00 (L)	10
70+00	70+50 (R&L)	67
77+40	78+00 (R&L)	103
Total		1942

Station		60603800 Comb. Curb & Gutter B6.12 (LF)	X6063401 Comb. Curb & Gutter M4.12 (LF)
From	To		
0+15	1+50 (R)	339	
0+15	0+50 (L)	30	
5+05	6+00 (R)	75	
6+30	7+20 (L)	75	
9+40	10+20 (R)	56	
10+90	11+50 (L)	50	
11+50	12+50 (L)	65	
16+50	17+50 (L)	20	
16+50	17+50 (R)	63	
18+20	18+90 (L)	65	
20+20	20+70 (R)	40	
27+50	28+00 (R)	10	
27+50	28+00 (L)	30	
28+30	33+80 (L)	550	
31+50	32+00 (R)	10	
35+00	35+50 (R)	10	
35+00	35+50 (L)	10	
37+00	37+15 (L)		10
37+80	38+00 (R)	10	
38+50	39+00 (L)		10
47+50	48+00 (R)		10
48+00	48+75 (L)		45
48+00	48+75 (R)		10
54+00	55+00 (L)		20
54+00	55+00 (R)		20
57+90	58+20 (L)		20
59+00	60+50 (R)		150
61+50	62+00 (R)		10
61+50	62+00 (L)		10
66+50	67+00 (L)		10
70+00	78+00 (R&L)	1610	
Total		3118	325

STANDARD SYMBOLS			
	CENTER LINE		UTILITY POLE
	PROPERTY LINE		UTILITY POLE WITH GUY WIRE
	PROPERTY CORNER, IP (Iron Pipe) IR (Iron Rod)		UTILITY POLE WITH STREET LIGHT
	RAILROAD TRACK		EXISTING STREET LIGHT
	PROPOSED PROFILE		TRAFFIC SIGNAL POST
	EXISTING PROFILE		DIRECTION OF FLOW
	FENCE		SUMMIT
	TREES (Dia.) EVERGREEN (Ev.)		EXISTING INLET (A) Adjust
	BUSHES EVERGREEN (Ev.)		PROPOSED INLET
	HEDGE		EXISTING CATCH BASIN (A) Adjust (R) Reconstruct (F) Fill
	GUARD POSTS		PROPOSED CATCH BASIN
	GUARD RAIL		EXISTING MANHOLE (A) Adjust (R) Reconstruct (F) Fill
	EXISTING VALVE (W) Water (G) Gas		PROPOSED MANHOLE
	PROPOSED VALVE		PROPOSED MANHOLE - DROP SECTION
	EXISTING VALVE IN VAULT (W) Water (G) Gas		TOP OF MANHOLE ELEVATION SEWER FLOW LINE ELEVATION
	PROPOSED VALVE IN VAULT		EXISTING SANITARY SEWER
	METER (M) Electrical (E) Telephone (T) VAULT		PROPOSED SANITARY SEWER
	DOMESTIC SERVICE BOX (W) WATER (G) GAS		EXISTING STORM SEWER
	PROPOSED DOMESTIC SERVICE BOX		PROPOSED STORM SEWER
	EXISTING FIRE HYDRANT		EXISTING COMBINED SEWER
	PROPOSED FIRE HYDRANT		PROPOSED COMBINED SEWER
	DOMESTIC LIGHT		EXISTING CULVERT
	TRIPLE BASIN		PROPOSED CULVERT
	PROP. 6" YARD DRAIN, TEE, & RISER		BIT. SURFACE REM. & REPL. (DRIVEWAYS AND PATCHES)
	ADJUST STRUCTURE & REMOVE		
	EXIST. FRAME & REPL. W/TYPE 11		
	TREE REMOVAL		

LIST OF HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-04	CURB RAMPS FOR SIDEWALKS
602301	INLET - TYPE A
604051-01	FRAME & GRATE TYPE 11
606001-02	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB & GUTTER
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-03	URBAN LANE CLOSURE 2L, 2W, UNDIVIDED
701701-04	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-03	LANE CLOSURE MULTILANE, 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
702001-05	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
886001	DETECTOR LOOP INSTALLATIONS
886006	TYPICAL LAYOUT FOR DETECTOR LOOPS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS
3	GENERAL NOTES, PLAN NOTES, SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5-7	STATION 0+00 TO STA. 14+00 PLAN
8	STATION 14+00 TO STA. 30+00 PLAN
9	STATION 30+00 TO STA. 46+00 PLAN
10	STATION 46+00 TO STA. 62+00 PLAN
11	STATION 62+00 TO STA. 70+00 PLAN
12	STATION 70+00 TO STA. 78+28 PLAN/PROFILE
13	PAVEMENT MARKING PLANS
14-15	TRAFFIC CONTROL PLAN
16	STATION 997+00 - 999+00 CROSS SECTIONS
17	STATION 70+00 - 73+00 CROSS SECTIONS
18	STATION 74+00 - 78+00 CROSS SECTIONS
19	DETAILS
20-25	

Station		CE/PE	42300400 PCC Driveway Pvmt., 8" (SY)	42300200 PCC Driveway Pvmt., 6" (SY)	X3550500 Bit. Base Cse. Superpave, 8" (SY)	X3550300 Bit. Base Cse. Superpave, 6" (SY)	X4066414 Bit. Surf Cse. Spv., C, N50, 2" (Ton)
From	To						
9+00	12+00	CE	135		95		11
16+00	18+00	CE	110				
27+00	28+00	PE		50			
28+00	34+00	PE		81		256	30
70+00	78+00	PE				211	25
997+50	998+00	CE			70		8
Total			245	131	165	467	74

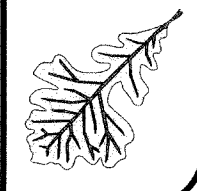
Station		44000200 Driveway Pvmt. Rem. (SY)
From	To	
9+00	12+00	230
16+00	18+00	110
27+00	28+00	50
28+00	34+00	337
70+00	78+00	211
997+50	998+00	70
Total		1008

All driveway entrances from Sta. 0+00 to Sta. 24+75 are commercial entrances.
 All driveway entrances from Sta. 25+93 to Sta. 78+00 are private entrances.

INDEX OF SHEETS/ STANDARD SYMBOLS/ STANDARDS LIST

Plan Revisions	Comments	Date

Village of Burr Ridge, IL
 Engineering Department
 451 Commerce St.
 Burr Ridge, IL 60527
 Phone: (630) 323-4733
 FAX: (630) 323-4798



GENERAL NOTES

- The latest editions of the "Standard Specifications for Road and Bridge Construction" and "Supplemental Specifications and Recurring Special Provisions" as prepared by the Illinois Department of Transportation (IDOT) shall govern all work associated with this project.
- The latest edition of the "Manual on Uniform Traffic Control Devices" shall also govern the project. Barricades and warning signs shall be provided in accordance with the standard specifications and as designated by the engineer.
- Care shall be exercised by the contractor in carrying out all excavation and/or trenching operations so that sprinkler systems, curbs, local services, buffalo boxes, valves, manholes, inlets, and other structures are not damaged or removed. Any damage done by the contractor, whether the structure or service is visible at the ground surface or not, shall be repaired or replaced by the contractor as required by the engineer at the contractor's expense with no additional compensation allowed.
- The contractor shall dispose of all surplus excavated material off the site as work progresses with no additional compensation allowed. The temporary stockpiling of this material on the project site will not be allowed.
- The contractor shall submit in writing a "schedule of operations" showing approximate dates for commencing and completing various phases of construction included in the contract prior to commencing any construction under this contract. The schedule shall have the approval of the engineer and the date for starting shall be mutually agreed upon between the contractor and the engineer.
- All permanent type pavements or other permanent improvements which abut the proposed improvement and must be removed shall be sawed prior to removal. Payment for sawing shall be included in the cost for the removal of each item.
- Minimum 48 hours prior to starting construction, the contractor shall notify J.U.L.I.E. and all other public and private utilities so that arrangements can be made to locate their various facilities within the limits of construction under this contract, as well as to provide adequate protection and inspection thereto. It shall be the contractor's responsibility to determine the actual location of all such facilities in the field.
- All traffic signs, street signs, etc., that interfere with the construction operations shall be removed and placed at new locations as designated by the engineer. This work shall be considered incidental to the contract with no additional compensation allowed. In addition, all mail boxes that interfere with construction shall be similarly relocated with no additional compensation allowed.
- The contract shall have a competent superintendent on the project site at all times, irrespective of the amount of work sublet. The superintendent shall be capable of reading and understanding the plans and specifications, shall have full authority to execute orders to expedite the project and shall be responsible for scheduling and having control of all the work as the agent of the general contractor. Failure to comply with this provision will result in a suspension of work as provided in the standard specifications.
- Where overhanging branches interfere with operations of construction, said branches shall be trimmed and sealed in accordance with the standard specifications and the cost of same shall be incidental to the contract.

11. Whenever "Trench Backfill" or "Selected Granular Backfill" are required, the material used shall be CA-6, crushed limestone. The use of sand or slag will not be allowed. Trench backfill shall be measured in cubic yards in place, except that the quantity for which payment will be made shall not exceed the volume of the trench as computed by using the maximum width of trench permitted by the specifications and the actual depth of the completed backfill above the center line of the pipe with a deduction for the volume of one-half the pipe. Any trench backfill required in excess of the maximum quantity herein specified shall be furnished by the contractor at his expense. Selected granular backfill shall be measured for payment in accordance with the standard specifications.

The contractor will also be required to place bedding materials at least six inches (6"), or 1/4 the pipe diameter, whichever is greater, in thickness below the pipe, and shall furnish additional cradle materials such that the lower 1/2 of the pipe will be uniformly supported over its entire length, these bedding and cradle materials will not be measured for payment, but shall be included in the contract unit price bid per foot for the respective pipeline being installed. Materials used shall be similar to those used for trench backfill.

Whenever trenching operations cross another utility line or service line, the contractor shall take the necessary precautions to insure against the failure of said utility line. The contractor shall furnish sufficient bracing under the lines such that the unsupported length will not deflect while the trench is open or during the backfilling or compacting operations. Trench backfill materials shall be used to an elevation of the bottom of the higher utility and paid for accordingly.

12. Whenever the performance of work is indicated on the plans, and no item is included in the contract for payment, the work shall be considered incidental to the contract, and no additional compensation will be allowed.

13. Storm sewer connections made to existing structures will not be paid for separately, but will be considered incidental to the storm sewer.

14. The location of the replacement trees (A2000120, A2006720, A2007120) are to be determined by a representative of the Village of Burr Ridge.

PROJECT NOTES

- The first layer of paving shall be placed within 5 working days of pavement removal (milling) operations on all Village streets. Failure to begin paving within this time frame will result in the assessment of liquidated damages.
- Traffic control provisions will be strictly enforced. The contractor shall be alert to post all necessary signage, have flaggers at locations of restricted lane operations, and take down the signage when the work is completed.
- Where the proposed work abuts existing pavement to remain in place, the existing pavement shall be sawcut to provide a neat vertical face between the proposed and existing surfaces. This work is incidental to Bituminous Surface Removal or Earth Excavation.
- Adjustment rings for manholes, inlets, and catch basins shall be recycled rubber in accordance with the project specifications.
- All driveways are bituminous unless otherwise noted.
- All butt joints are incidental to bituminous surface removal.
- All installed frames and grates shall have bicycle safe grates.
- Damaged sprinkler systems shall be repaired and operational within 5 working days of initial damage. Failure to repair sprinkler systems within this time frame will result in the assessment of liquidated damages.
- All LA-15's, bills of lading, product certifications, shipping tickets, seed analysis, etc. must be submitted directly to the Village Engineer at time of delivery and/or installation or with requests for payment as necessary. No pay requests will be processed without the certifications as required by IDOT.
- Type M4.12 Curb & Gutter includes curb with varying gutter width, incidental to the item.
- High Early strength concrete shall be used at all driveway locations for PCC Driveway Pavement (42300200, 42300400) and Combination Concrete Curb & Gutter (60603800, X6063401). This shall not be paid for separately, but shall be incidental to each line item.
- No additional compensation will be allowed for removal of unsuitable material including (but not limited to) concrete, subgrade or subbase. This shall be incidental to Earth Excavation.

F.A.U. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
RTE. 1552	04-00029-00-PV	DUPAGE	25 3

CONTRACT NO: 83814

Location	Left or Right (LT) or (RT)	20100110	20100210
		6 to 15 Units Diameter (Units)	Over 15 Units Diameter (Units)
70+60	RT		20
70+75	RT		16
71+15	RT		50
71+49	RT	14	
71+50	RT		26
71+51	RT		26
71+51	RT		16
71+52	RT		18
71+65	RT	14	
71+90	RT		40
72+04	RT		28
72+05	RT		23
72+20	RT		30
72+55	RT	10	
73+95	RT		22
75+45	RT		18
75+75	RT	6	
75+85	RT	6	
Total		50	333

Location	20200100	Excavation Suitable for	Embankment	Earthwork Balance
	Earth Excavation (Cubic Yard)	Embankment (15% shrinkage) (Cubic Yard)	(Cubic Yard)	Waste(+) or Shortage(-) (Cubic Yard)
83rd Street				
28+30 to 29+50			9	-9
29+50 to 30+50			14	-14
30+50 to 31+50			15	-15
31+50 to 32+50			17	-17
32+50 to 33+80			12	-12
70+00 to 71+00	85	72	33	39
71+00 to 72+00	237	201	50	151
72+00 to 73+00	191	162	39	123
73+00 to 74+00	209	178	15	163
74+00 to 75+00	167	142	10	132
75+00 to 76+00	176	150	33	117
76+00 to 77+00	246	209	17	192
77+00 to 78+00	143	122	0	122
S. Frontage Rd.				
997+45 to 1000+00	120	102	0	102
Total	1574	1338	264	1074

83rd Street Improvements
 Section No./TIP No.: 04-00-02-900P/08-04-0020
 Scale: N/A
 Date: JULY, 2005
 Sheet No.: 3 of 25

GENERAL NOTES/
 PROJECT NOTES

Date	Comments

Village of Burr Ridge, IL
 Engineering Department
 451 Commerce St.
 Burr Ridge, IL 60527
 Phone: (630) 323-4733
 FAX: (630) 323-4796



SUMMARY OF QUANTITIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1552	04-00029-00-PV	DUPAGE	25	4

CONTRACT NO: 83814

Item No.	Item	Unit	Total Quantity	Construction Type Code			Non-1000-2A Participating 100% Village
				1000-2A	Y003	SFTY-1D	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	50	50			
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	333	333			
20200100	EARTH EXCAVATION	CY	1,574	1,574			
20700420	POROUS GRANULAR EMBANKMENT SUBGRADE	CY	33	33			
20800150	TRENCH BACKFILL	CY	29	29			
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SY	3,015	3,015			
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SY	4,500		4,500		
* 25200100	SODDING	SY	4,500		4,500		
35101400	AGGREGATE BASE COURSE, TYPE B	TON	651	651			
35800200	AGGREGATE BASE REPAIR	TON	20	20			
40600100	BITUMINOUS MATERIALS (PRIME COAT)	Gal	2,080	2,080			
40600300	AGGREGATE (PRIME COAT)	TON	50	50			
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SY	131	131			
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SY	245	245			
44000003	BITUMINOUS SURFACE REMOVAL 3/4"	SY	370	370			
44000006	BITUMINOUS SURFACE REMOVAL 1 1/2"	SY	802	802			
44000007	BITUMINOUS SURFACE REMOVAL 2"	SY	5,200	5,200			
44000008	BITUMINOUS SURFACE REMOVAL 2 1/2"	SY	9,500	9,500			
44000011	BITUMINOUS SURFACE REMOVAL 4"	SY	3,355	3,355			
44000012	BITUMINOUS SURFACE REMOVAL 4 1/2"	SY	6,231	6,231			
44000200	DRIVEWAY PAVEMENT REMOVAL	SY	1,008	1,008			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,001	2,001			
550B0020	STORM SEWERS, CLASS B, TYPE 1 6"	FOOT	15	15			
55019500	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, SEWER PIPE, CLASS IV 12"	FOOT	75	75			
55019600	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, SEWER PIPE, CLASS IV 15"	FOOT	130	130			
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	4	4			
60250200	CATCH BASINS TO BE ADJUSTED	EACH	14	14			
60255500	MANHOLES TO BE ADJUSTED	EACH	8	8			
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1			
60260100	INLETS TO BE ADJUSTED	EACH	13	13			
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2,290	2,290			
67100100	MOBILIZATION	LS	1	1			
70102620	TRAFFIC CONTROL & PROTECTION, STANDARD 701501	LS	1	1			
70102635	TRAFFIC CONTROL & PROTECTION, STANDARD 701701	LS	1	1			
70102640	TRAFFIC CONTROL & PROTECTION, STANDARD 701801	LS	1	1			
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SF	115			115	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2,788			2,788	
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	244			244	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	293			293	
88600600	DETECTOR LOOP REPLACEMENT	FOOT	27	27			
* A2000120	TREE, ACER X FREEMAN II AUTUMN BLAZE (AUTUMN BLAZE MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6			6	
* A2006720	TREE, QUERCUS MACROCARPA (BUR OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6			6	
* A2007120	TREE, QUERCUS RUBRA (RED OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6			6	
X3550300	BITUMINOUS BASE COURSE, SUPERPAVE, 6.0	SY	467	467			
X3550500	BITUMINOUS BASE COURSE, SUPERPAVE, 8.0	SY	165	165			
X4066414	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, CLASS C, N50	TON	74	74			
X4066614	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50	TON	2,200	2,200			
X4066765	LEVELING BINDER (MACHINE METHOD), SUPERPAVE N50	TON	1,274	1,274			
X6063401	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.12	FOOT	200	200			
Z0013798	CONSTRUCTION LAYOUT	LS	1	1			
Z0076600	TRAINEES	HOUR	500	500			
XX006391	CLASS D PATCHES, 3" (SPECIAL)	SY	600	600			
XX006392	CLASS D PATCHES, 6" (SPECIAL)	SY	200	200			
XX006393	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, FINE GRADED	TON	1,820				1,820
XX006394	PAVEMENT CONTRACTION JOINT	FOOT	4,988	4,988			
XX006395	SHOTCRETE CURB & GUTTER REPAIR	FOOT	300	300			

* SPECIALTY ITEMS
 Δ = Y080

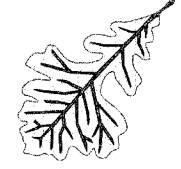
83rd Street Improvements

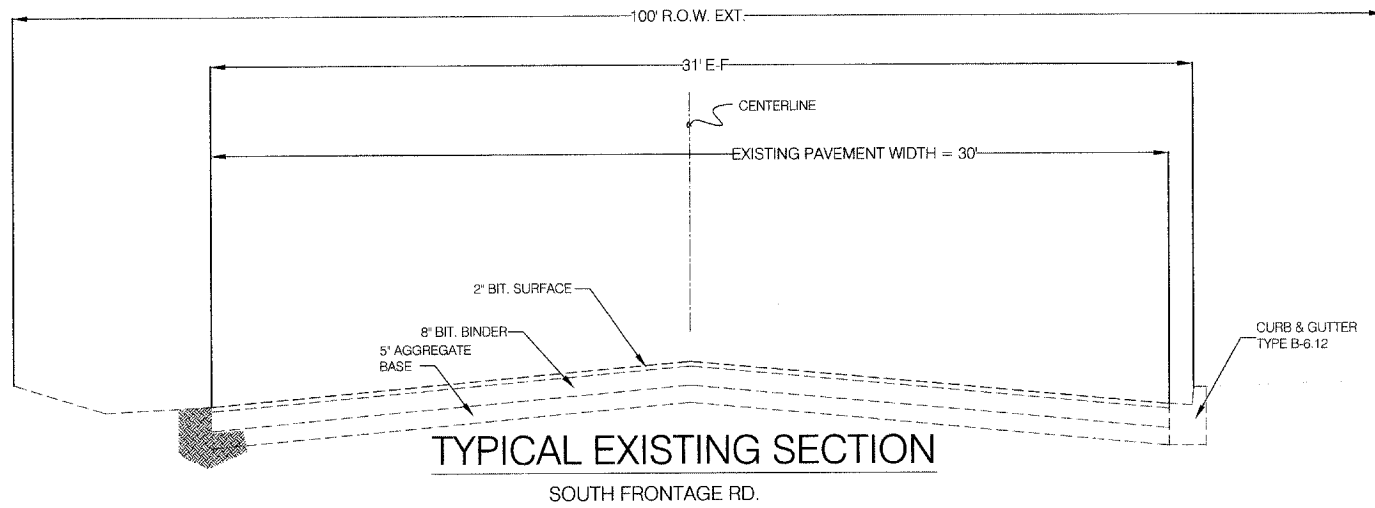
Section No./TIP No.: 04-00-02-900R/08-04-0020
 Scale: N/A
 Date: JULY, 2005
 Sheet No.: 4 of 25

QUANTITIES/

Plan Revisions

Village of Burr Ridge, IL
 Engineering Department
 451 Commerce St.
 Burr Ridge, IL 60527
 Phone: (630) 323-4733
 FAX: (630) 323-4798



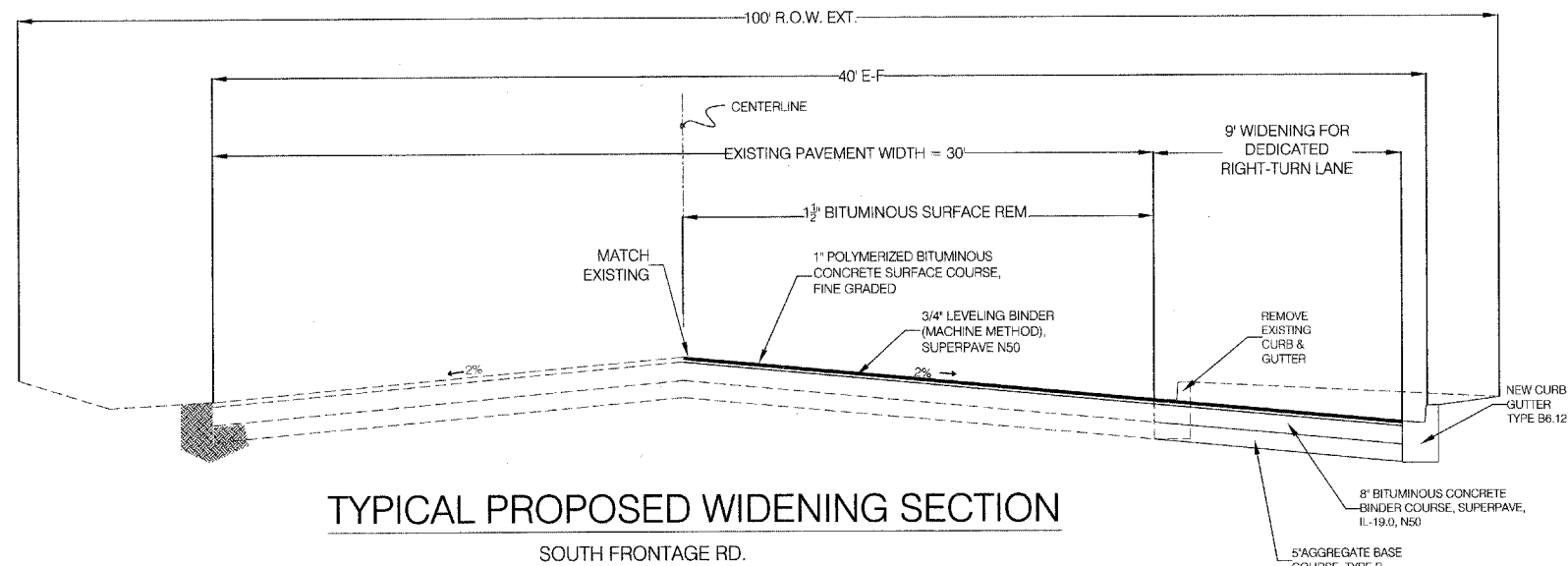


BITUMINOUS MIXTURE REQUIREMENT TABLE

The following mixture requirements are applicable for this project.

MIXTURE USES	AC TYPE	AIR VOIDS (%)	RAP (%)
Leveling Binder (Machine Method), Superpave, N50	PG 64-22	4% @ 50 Gyr	15
Bit. Concrete Binder Course, Superpave, IL-19.0, N50	PG 58-22	4% @ 50 Gyr	25
Fine Graded Superpave Polymerized Bit. Conc. Surf. Course	SBS PG 64-28 or SBS PG 70-28	5% @ 50 Gyr	0
Bit. Conc. Surface Course, Superpave, Mix "C", N50	PG 64-22	4% @ 50 Gyr	15
Bit. Base Course, Superpave	PG 58-22	2% @ 50 Gyr	50
Class D Patches	PG 64-22	4% @ 70 Gyr	15

*The unit weight used to calculate all bituminous surface mixtures is 112 LB/SY/IN.



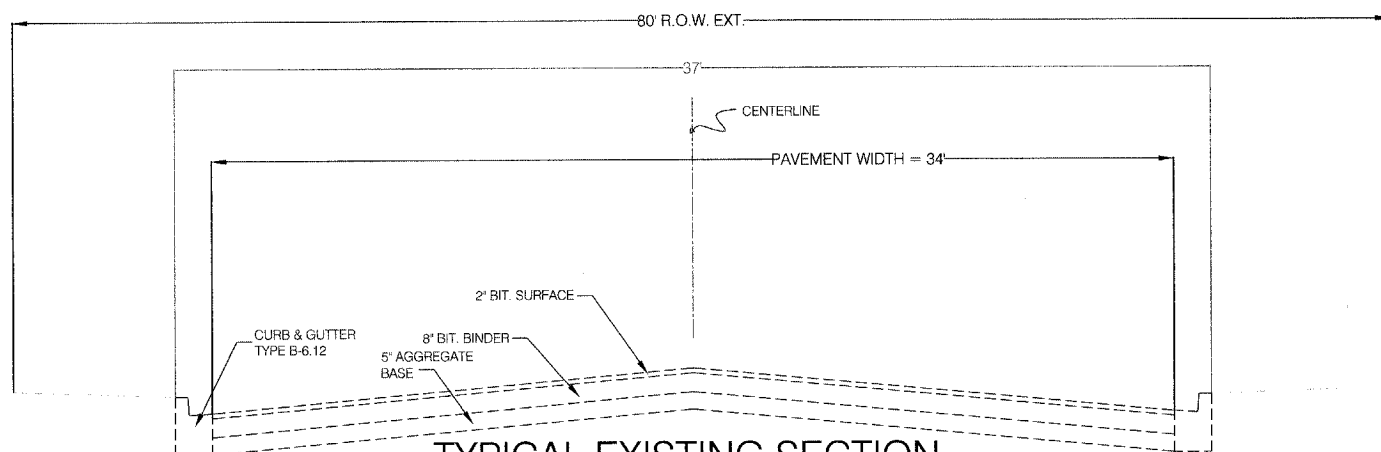
TYP. SECTIONS

Plan Revisions

Comments:

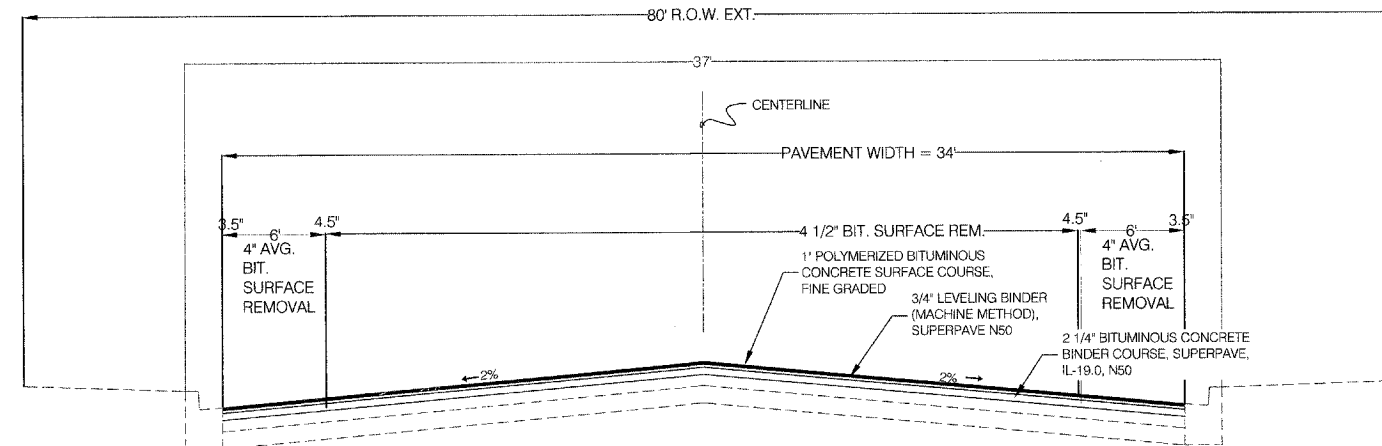
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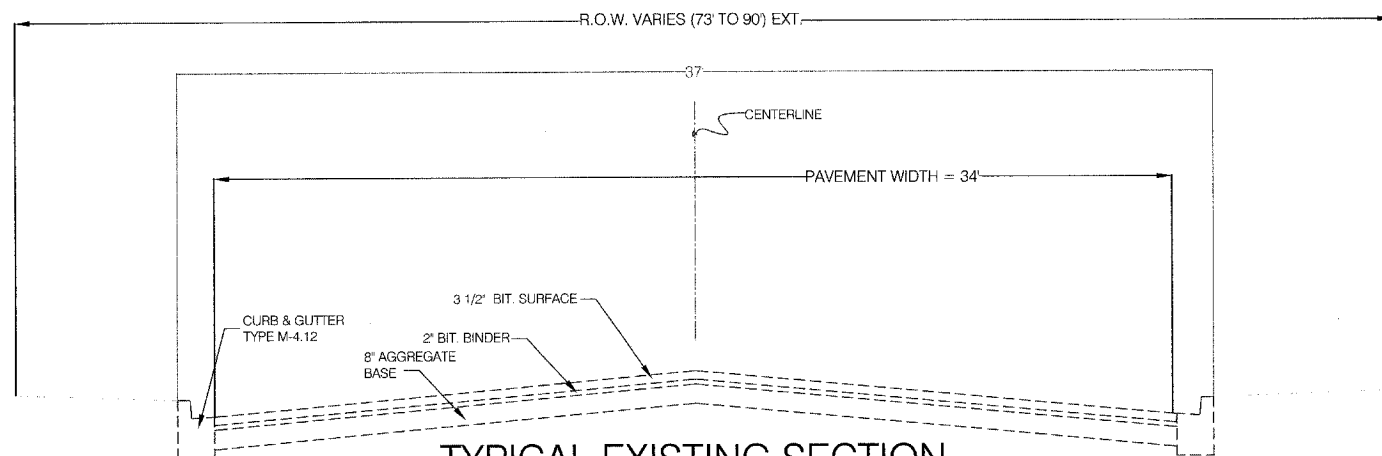
TYPICAL EXISTING SECTION

STA. 0+21 TO STA. 24+75



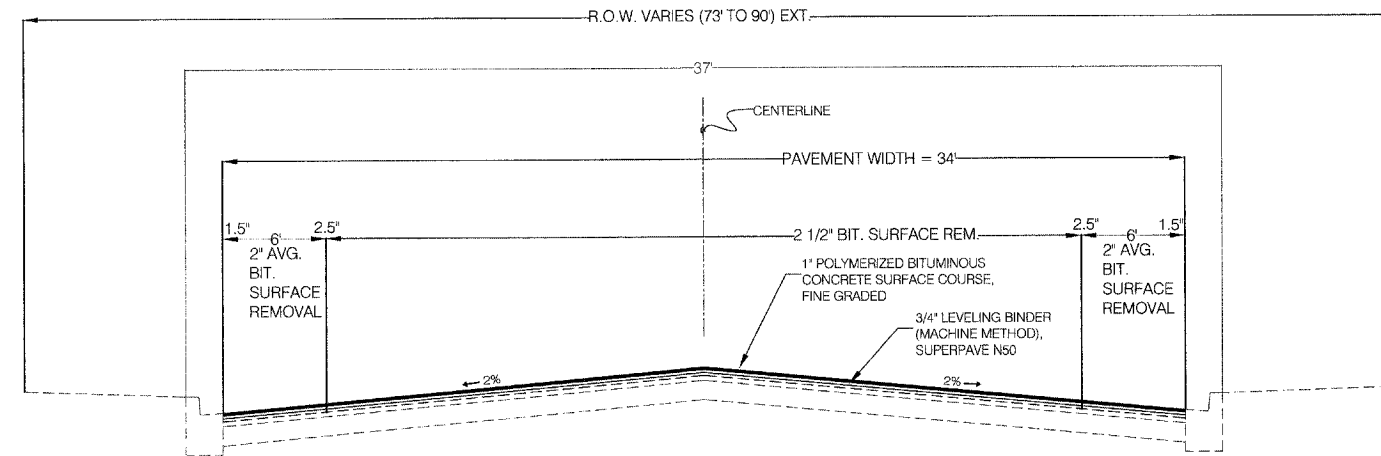
TYPICAL PROPOSED RESURFACING SECTION

STA. 0+21 TO STA. 24+75



TYPICAL EXISTING SECTION

STA. 25+93 TO STA. 28+30 AND
STA. 33+80 TO STA. 70+00



TYPICAL PROPOSED RESURFACING SECTION

STA. 25+93 TO STA. 28+30 AND
STA. 33+80 TO STA. 70+00

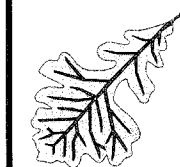
TYP. SECTIONS

Plan Revisions

Date: _____

Comments: _____

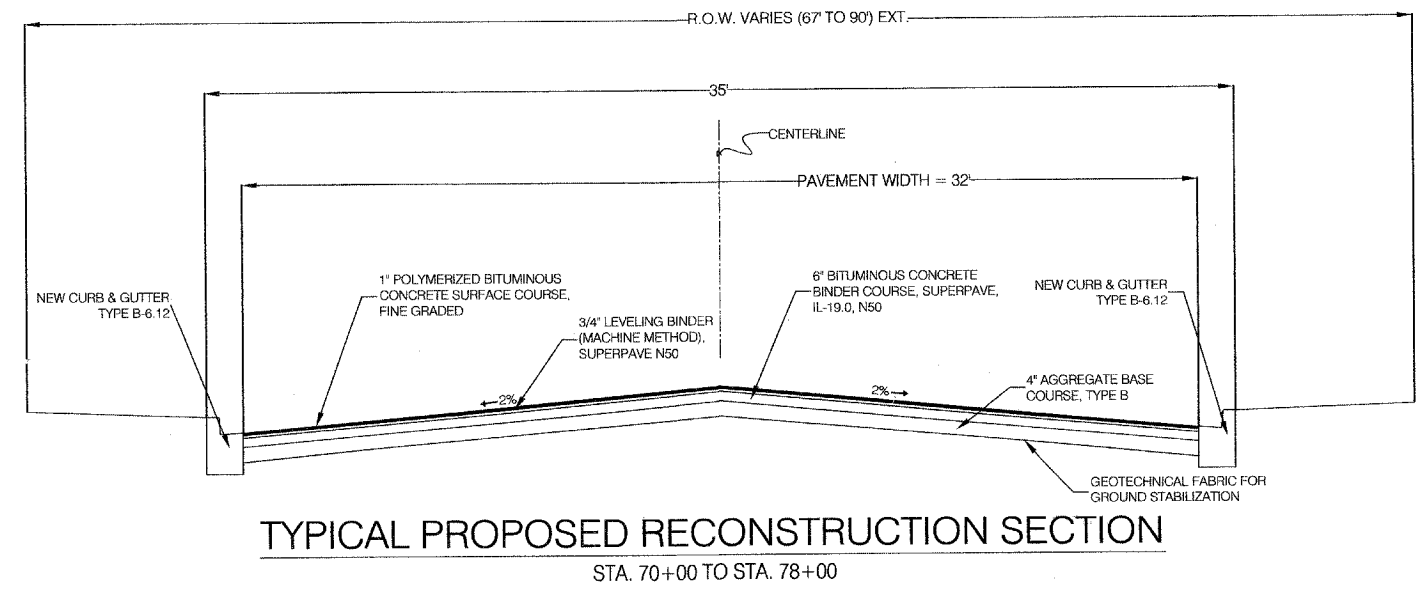
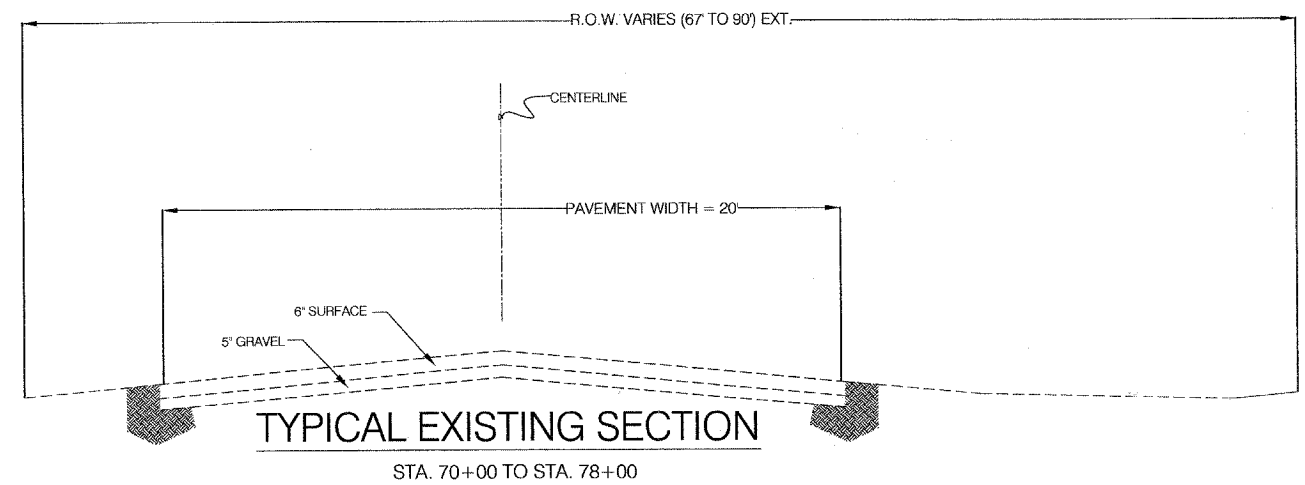
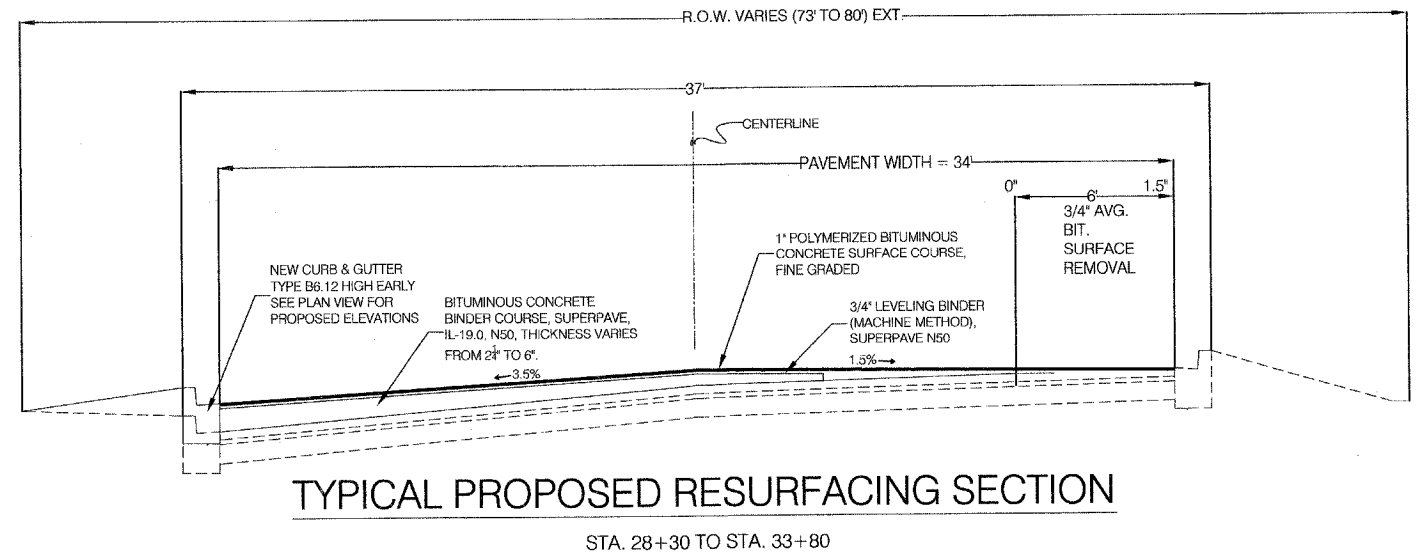
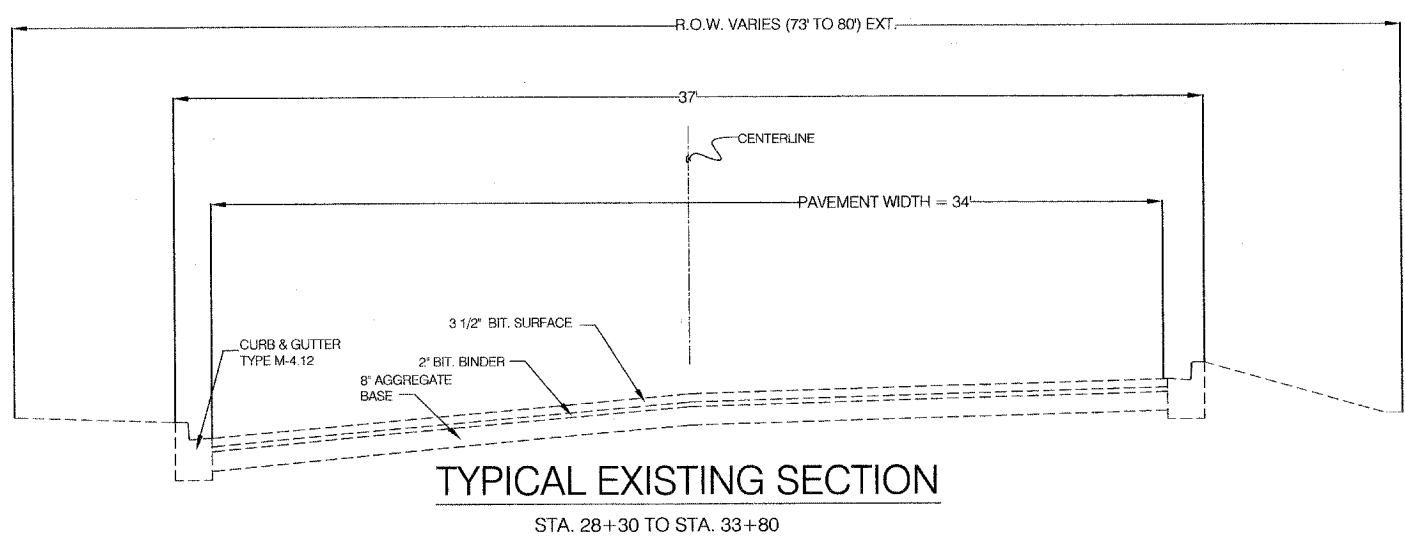
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1552	04-00029-00-PV	DUPAGE	25	7

CONTRACT NO: 83814

83rd Street Improvements
 Scale: N/A
 Section No./TIP No.: 04-00-02-900PV/08-04-0020
 Date: JULY, 2005
 Sheet No.: 7 of 25



TYP. SECTIONS

Plan Revisions	
Date:	Comments:

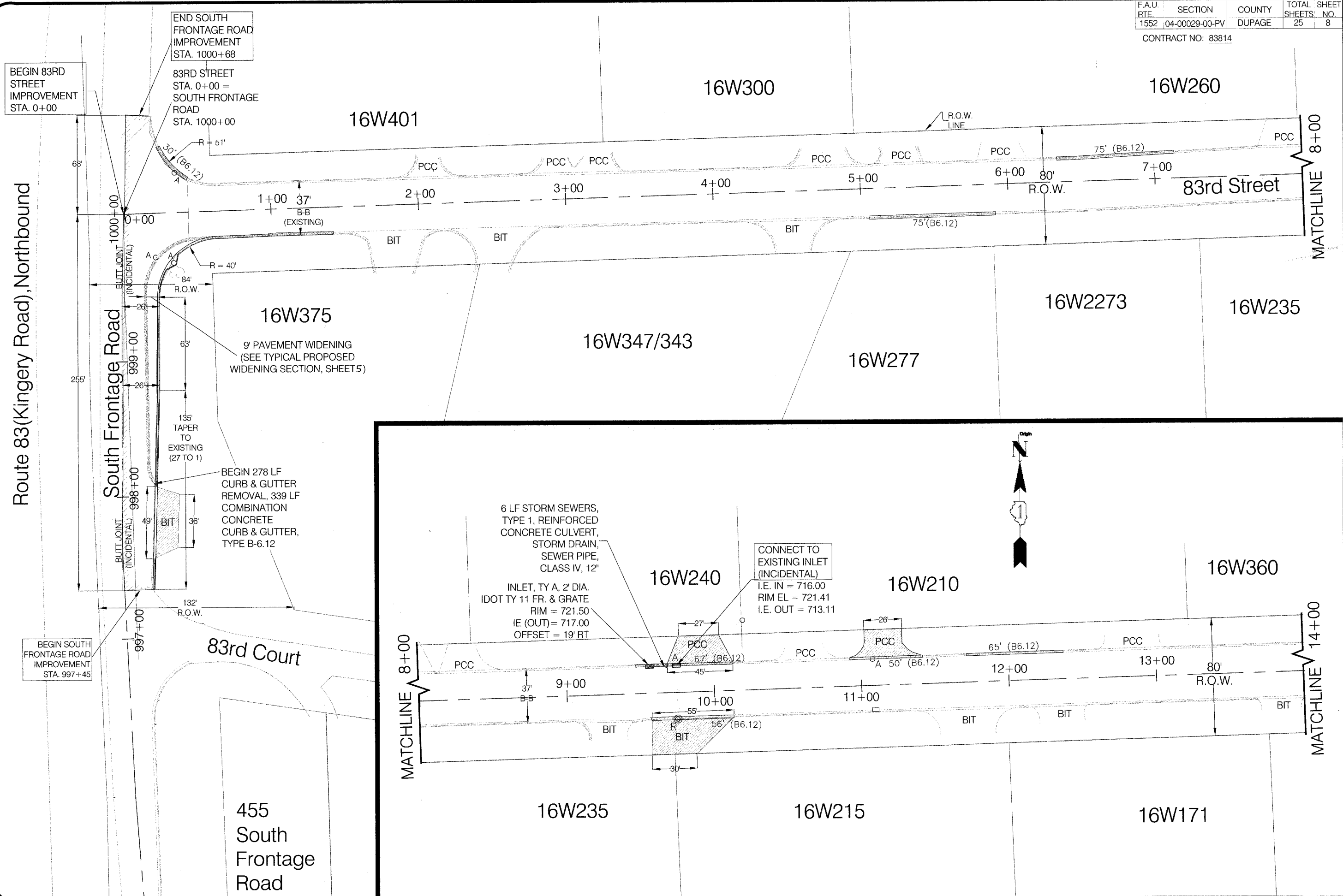
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS
1552	04-00029-00-PV	DUPAGE	25 8

CONTRACT NO: 83814

Route 83 (Kingerly Road), Northbound

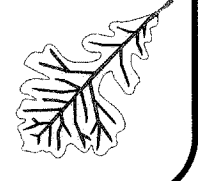


83rd Street Improvements
 Section No./TIP No.: 04-00-02-900PV/08-04-0020
 Scale: 1" = 30'
 Date: JULY, 2005
 Sheet No.: 8 of 25

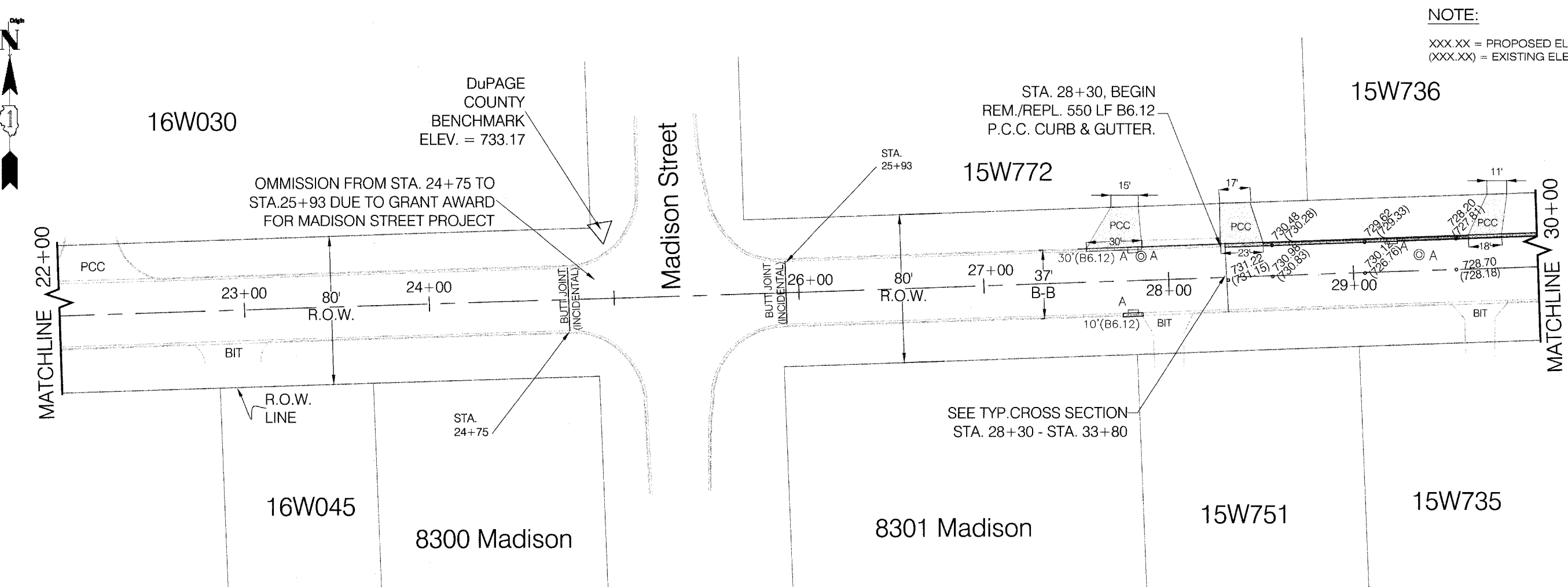
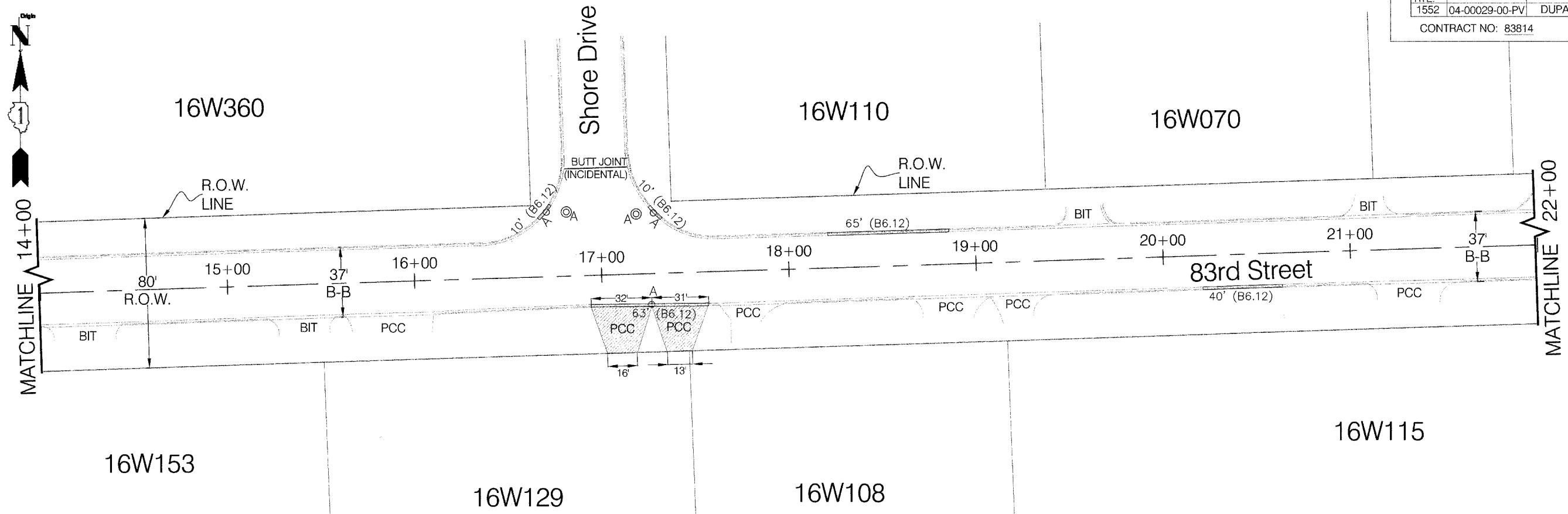
STA. 0+00 THRU STA. 14+00
 PLAN

Date:	Comments:

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F.A.U. RIE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1552	04-00029-00-PV	DUPAGE	25	9
CONTRACT NO: 83814				

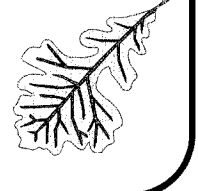


NOTE:
 XXX.XX = PROPOSED ELEVATION
 (XXX.XX) = EXISTING ELEVATION

83rd Street Improvements
 STA. 14+00 THRU STA. 30+00
PLAN

Plan Revisions	
Date:	Comments:

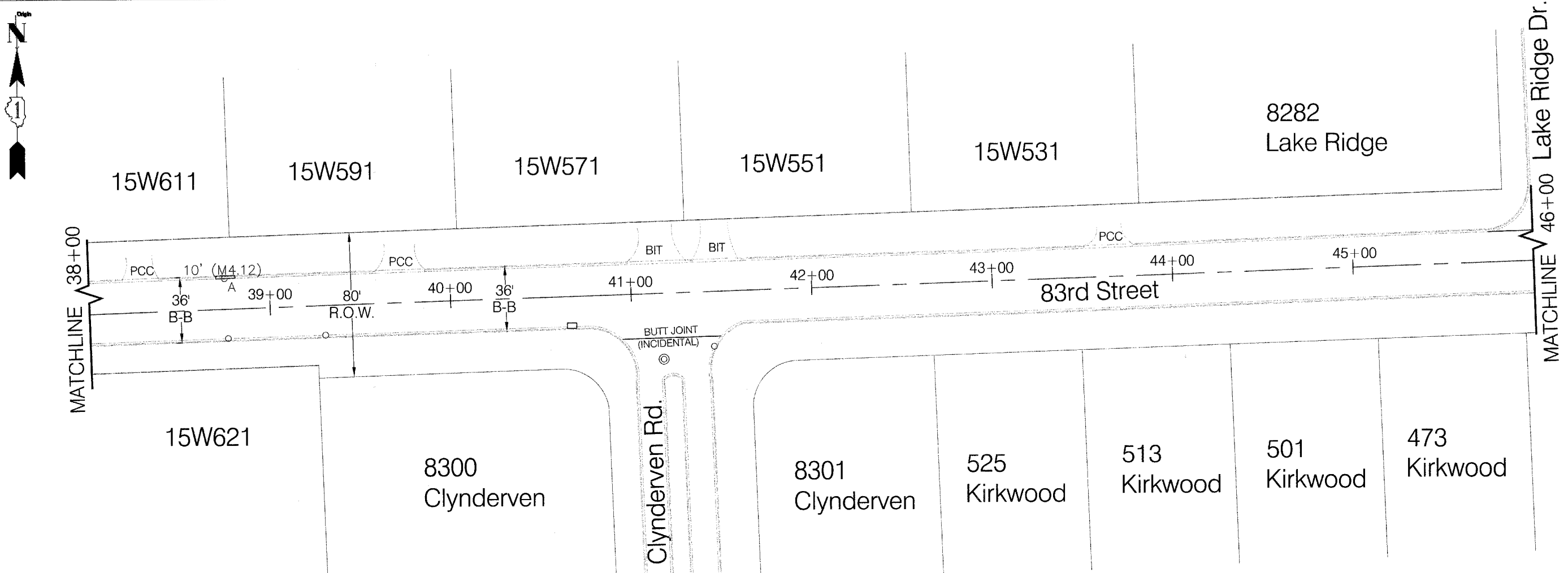
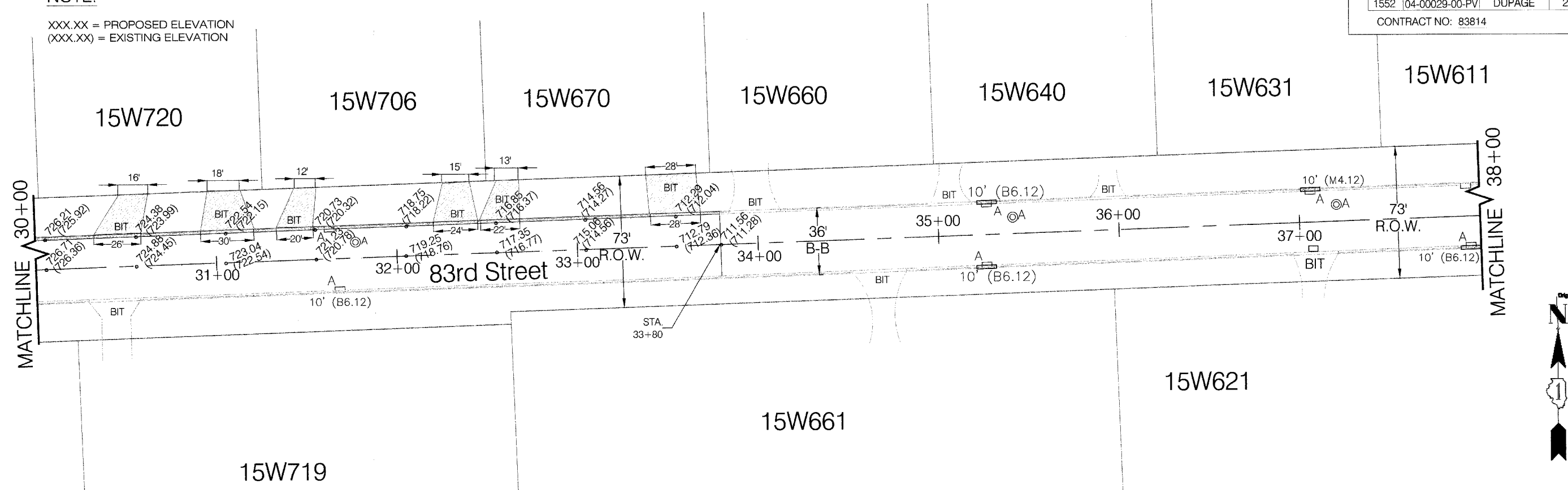
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Section No./TIP No.: 04-00-02-900PV/08-04-0020
 Scale: 1" = 30'
 Date: JULY, 2005
 Sheet No.: 9 of 25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1552	04-00029-00-PV	DUPAGE	25	10
CONTRACT NO: 83814				

NOTE:
 XXX.XX = PROPOSED ELEVATION
 (XXX.XX) = EXISTING ELEVATION



83rd Street Improvements
 STA. 30+00 THRU STA. 46+00
 PLAN

Section No./TIP No.: 04-00-02-900P/V08-04-0020
 Scale: 1" = 30'
 Date: JULY, 2005
 Sheet No.: 10 of 25

Plan Revisions

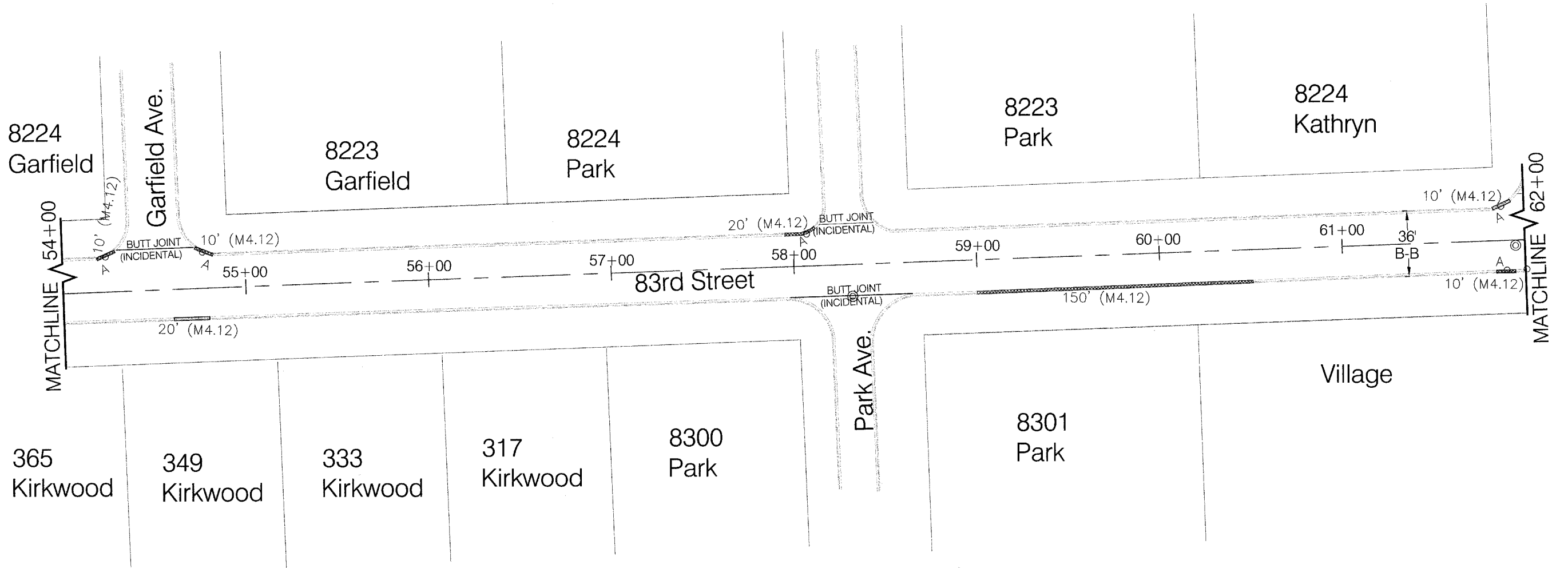
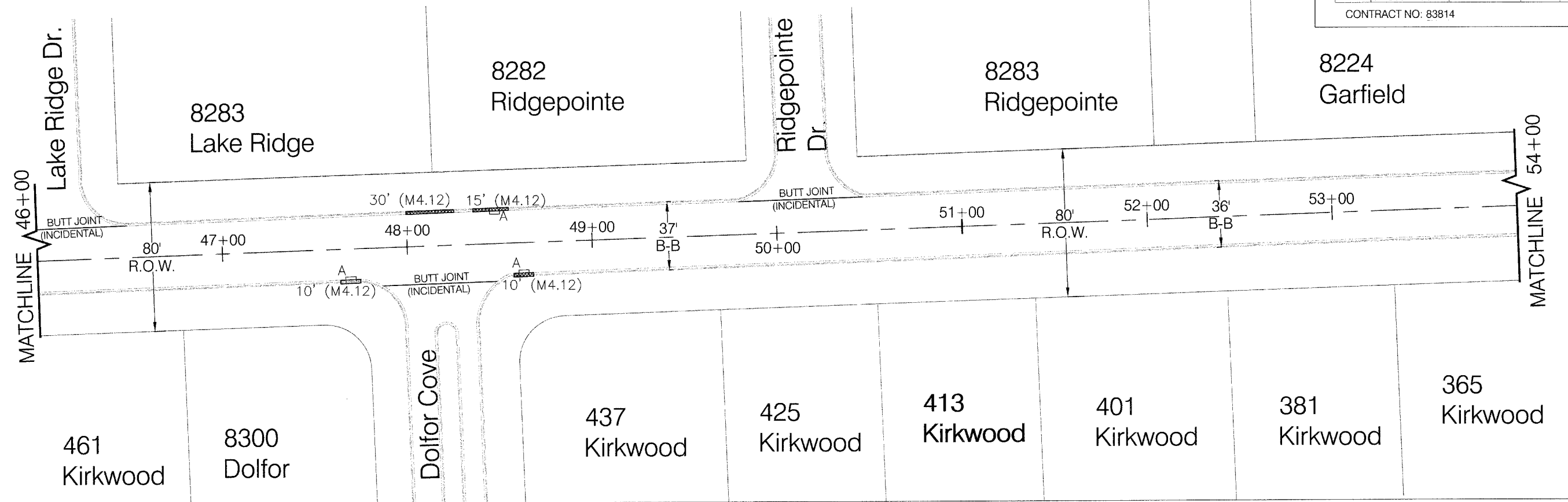
Date:	Comments:

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1552	04-00029-00-PV	DUPAGE	25	11

CONTRACT NO: 83814



83rd Street Improvements
 STA. 46+00 THRU STA. 62+00
 PLAN

Section No./TIP No.: 04-00-02-900PV08-04-0020
 Scale: 1" = 30'
 Date: JULY, 2005
 Sheet No.: 11 of 25

Date:	Comments:

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1552	04-00029-00-PV	DUPAGE	25	12
CONTRACT NO: 83814				



83rd Street Improvements
 STA. 62+00 THRU STA. 70+00
 PLAN

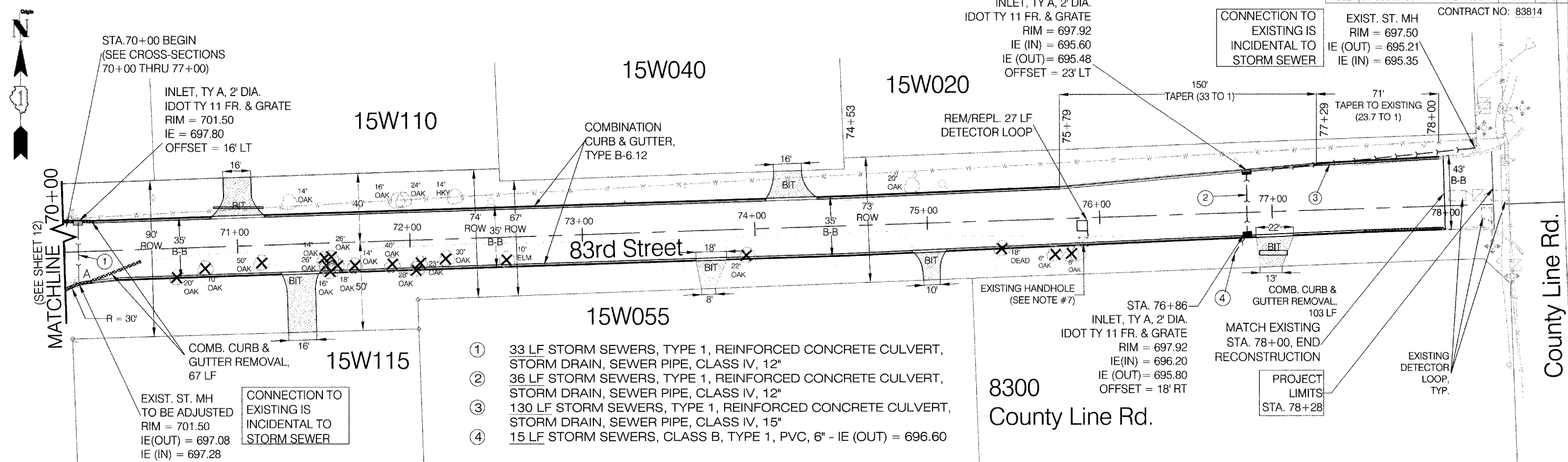
Section No./TIP No.: 04-00-02-900PV/08-04-0020
 Scale: 1" = 30'
 Date: JULY, 2005
 Sheet No.: 12 of 25

Plan Revisions	
Date:	Comments:

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1552	04-00029-00-PV	DUPAGE	25	13

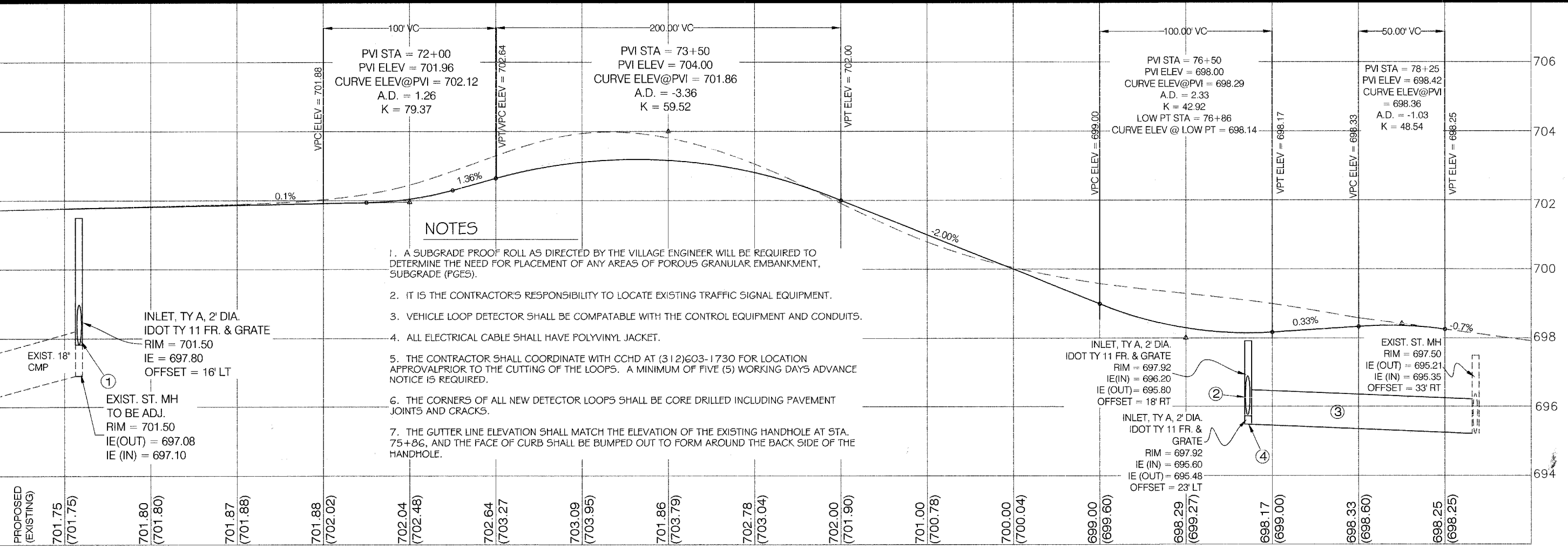
CONTRACT NO: 83814



8300 County Line Rd.

- ① 33 LF STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, SEWER PIPE, CLASS IV, 12"
- ② 36 LF STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, SEWER PIPE, CLASS IV, 12"
- ③ 130 LF STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, SEWER PIPE, CLASS IV, 15"
- ④ 15 LF STORM SEWERS, CLASS B, TYPE 1, PVC, 6" - IE (OUT) = 696.60

83rd Street Improvements
 STA. 70+00 THRU STA. 78+28
 PLAN/PROFILE
 Scale: 1" = 30' (H) 1" = 1.5' (V)
 Section No./TIF No.: 04-00-02-900PV08-04-0020
 Date: JULY, 2005
 Sheet No.: 13 of 25



NOTES

1. A SUBGRADE PROOF ROLL AS DIRECTED BY THE VILLAGE ENGINEER WILL BE REQUIRED TO DETERMINE THE NEED FOR PLACEMENT OF ANY AREAS OF POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES).
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT.
3. VEHICLE LOOP DETECTOR SHALL BE COMPATABLE WITH THE CONTROL EQUIPMENT AND CONDUITS.
4. ALL ELECTRICAL CABLE SHALL HAVE POLYVINYL JACKET.
5. THE CONTRACTOR SHALL COORDINATE WITH CCHD AT (312)603-1730 FOR LOCATION APPROVAL PRIOR TO THE CUTTING OF THE LOOPS. A MINIMUM OF FIVE (5) WORKING DAYS ADVANCE NOTICE IS REQUIRED.
6. THE CORNERS OF ALL NEW DETECTOR LOOPS SHALL BE CORE DRILLED INCLUDING PAVEMENT JOINTS AND CRACKS.
7. THE GUTTER LINE ELEVATION SHALL MATCH THE ELEVATION OF THE EXISTING HANDHOLE AT STA. 75+86, AND THE FACE OF CURB SHALL BE BUMPED OUT TO FORM AROUND THE BACK SIDE OF THE HANDHOLE.

Date:	Comments:

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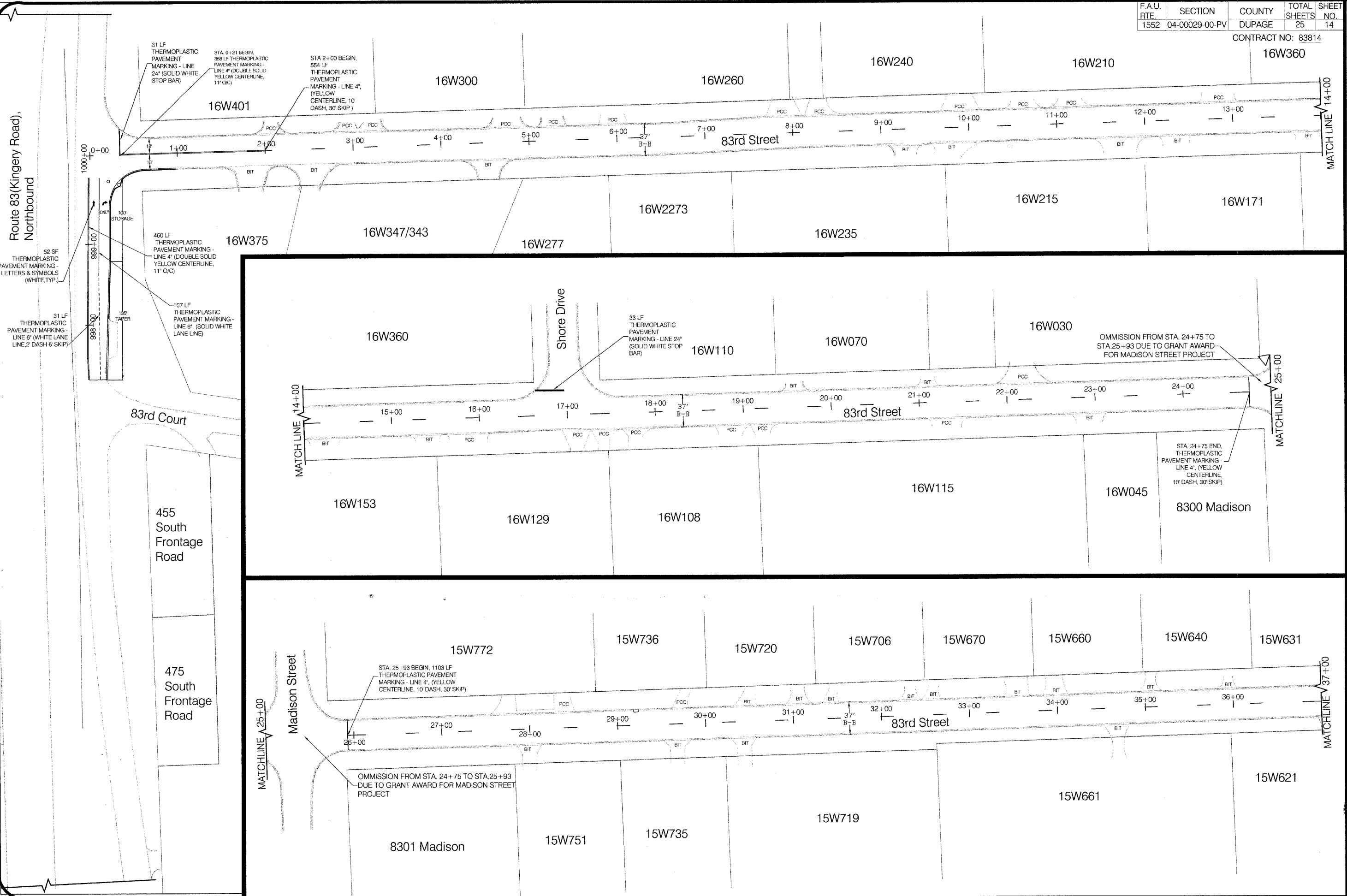


PROPOSED (EXISTING)	701.75 (701.75)	701.80 (701.80)	701.87 (701.88)	701.88 (702.02)	702.04 (702.48)	702.64 (703.27)	703.09 (703.95)	701.86 (703.79)	702.78 (703.04)	702.00 (701.90)	701.00 (700.78)	700.00 (700.04)	699.00 (699.60)	698.29 (699.27)	698.17 (699.00)	698.33 (698.60)	698.25 (698.25)
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1552	04-00029-00-PV	DUPAGE	25	14

CONTRACT NO: 83814

Route 83(Kingery Road),
Northbound




83rd Street Improvements
 STA. 0+00 THRU STA. 37+00
 PAVEMENT MARKING PLAN

Section No./TIP No.: 04-00-02-900PV08-04-0020
 Scale: 1" = 50'
 Date: JULY, 2005
 Sheet No.: 14 of 25

Plan Revisions

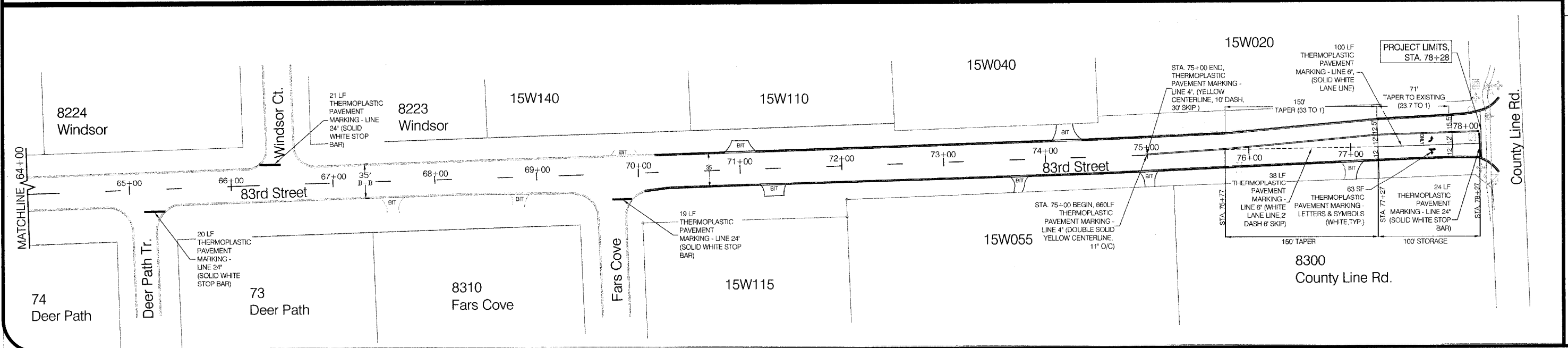
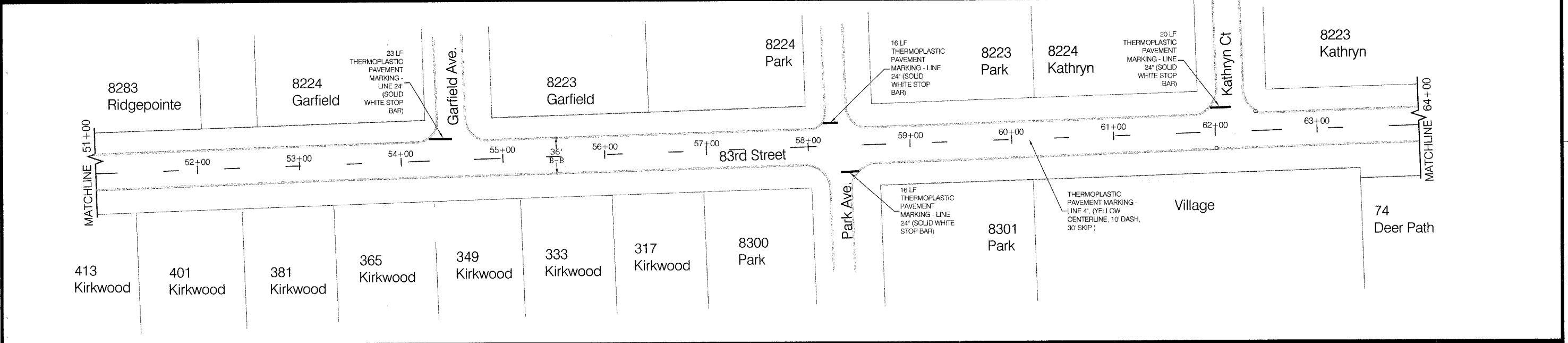
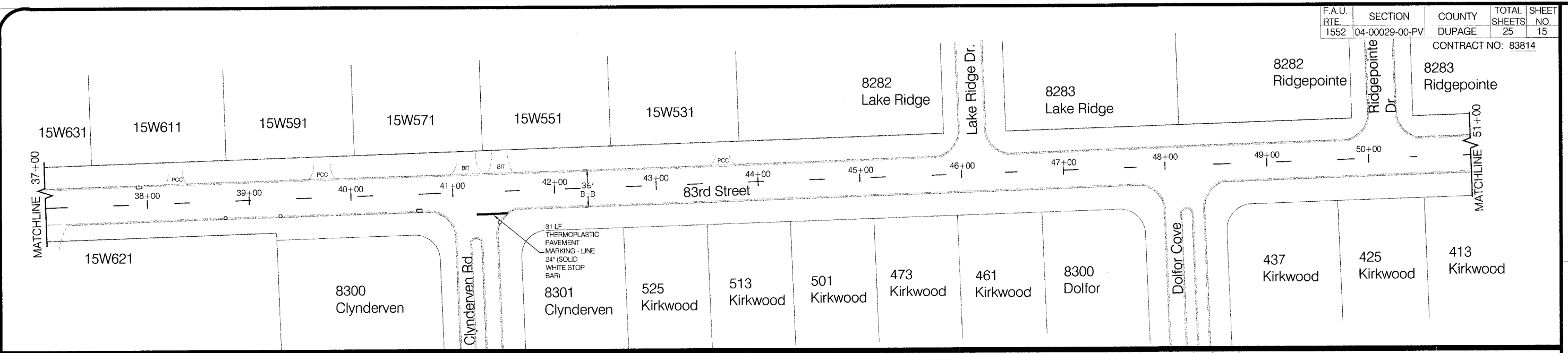
Date:	Comments:

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1552	04-00029-00-PV	DUPAGE	25	15

CONTRACT NO: 83814

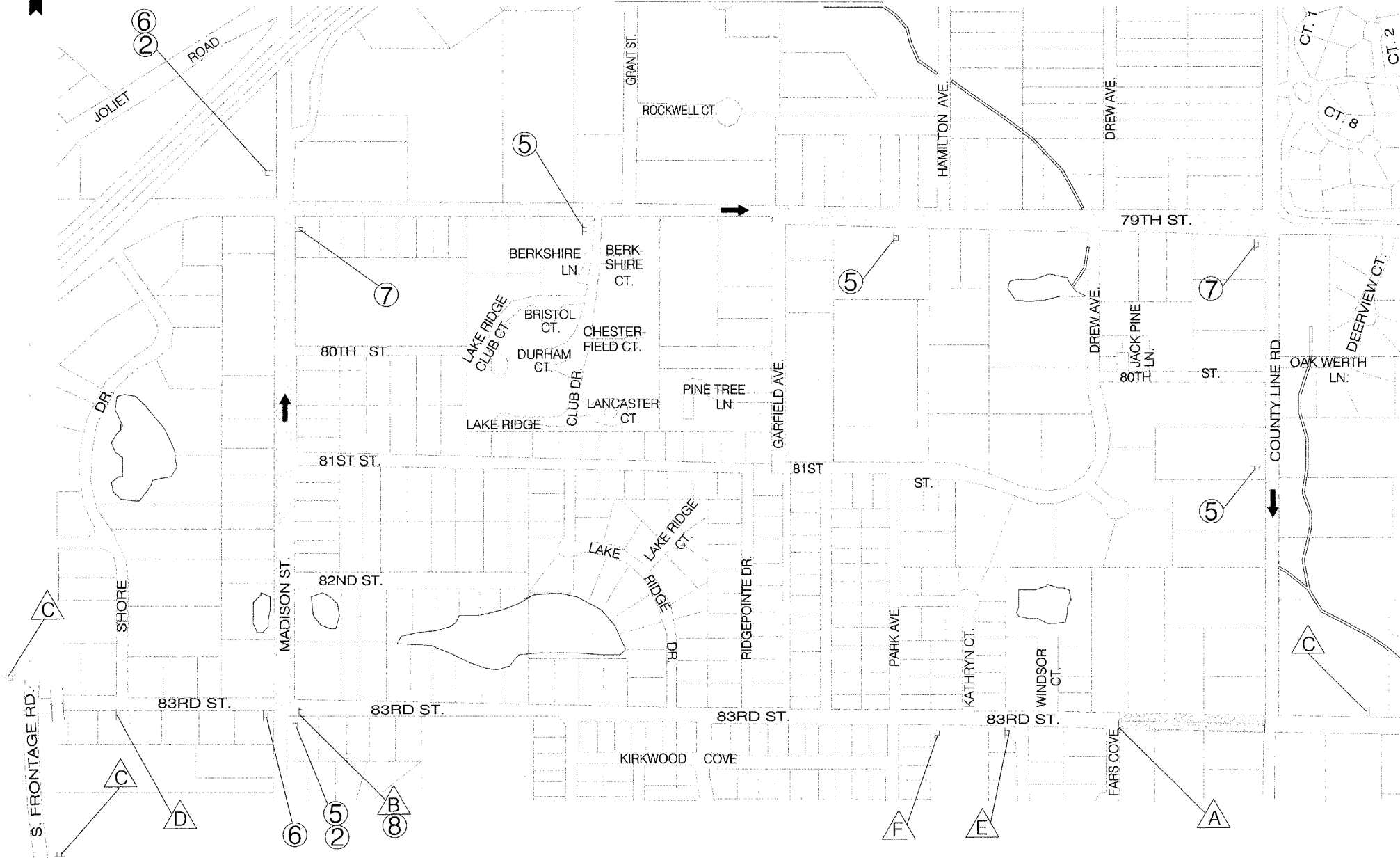


83rd Street Improvements
 STA. 37+00 THRU STA. 78+28
PAVEMENT MARKING PLAN
 Scale: 1" = 50'
 Section No./TIP No.: 04-00029-00-PV/08-04-0020
 Date: JULY, 2005
 Sheet No.: 15 of 25

Plan Revisions	
Date:	Comments:

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 Engineering Department
 45 I Commerce St.
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DETOUR ROUTE



NOTES

1. During construction of both stages 83rd street will be closed for through traffic from Fars Cove to County Line Road and traffic will be detoured via Madison Street & 79th Street as shown in detour plan. However, the local traffic shall be kept open in the Westbound direction.

2. Additional construction warning signs may be required (which are not shown in this plan) & shall be provided as per the instruction of the Engineer in charge. The cost incurred to comply will not be paid for separately, but included in the item "Traffic Control Devices".

3. All signs, barricades, sign's lights and flags shall be in accordance with those indicated in Traffic Control Standards of MUTCD & Standard Specifications.

LEGEND

- PHASE 1 CONSTRUCTION ZONE
- PHASE 2 CONSTRUCTION ZONE
- DETOUR ROUTE
- TYPE II BARRICADE, WING TYPE
- TYPE III BARRICADE
- DETOUR SIGN
- CONSTRUCTION WARNING SIGN

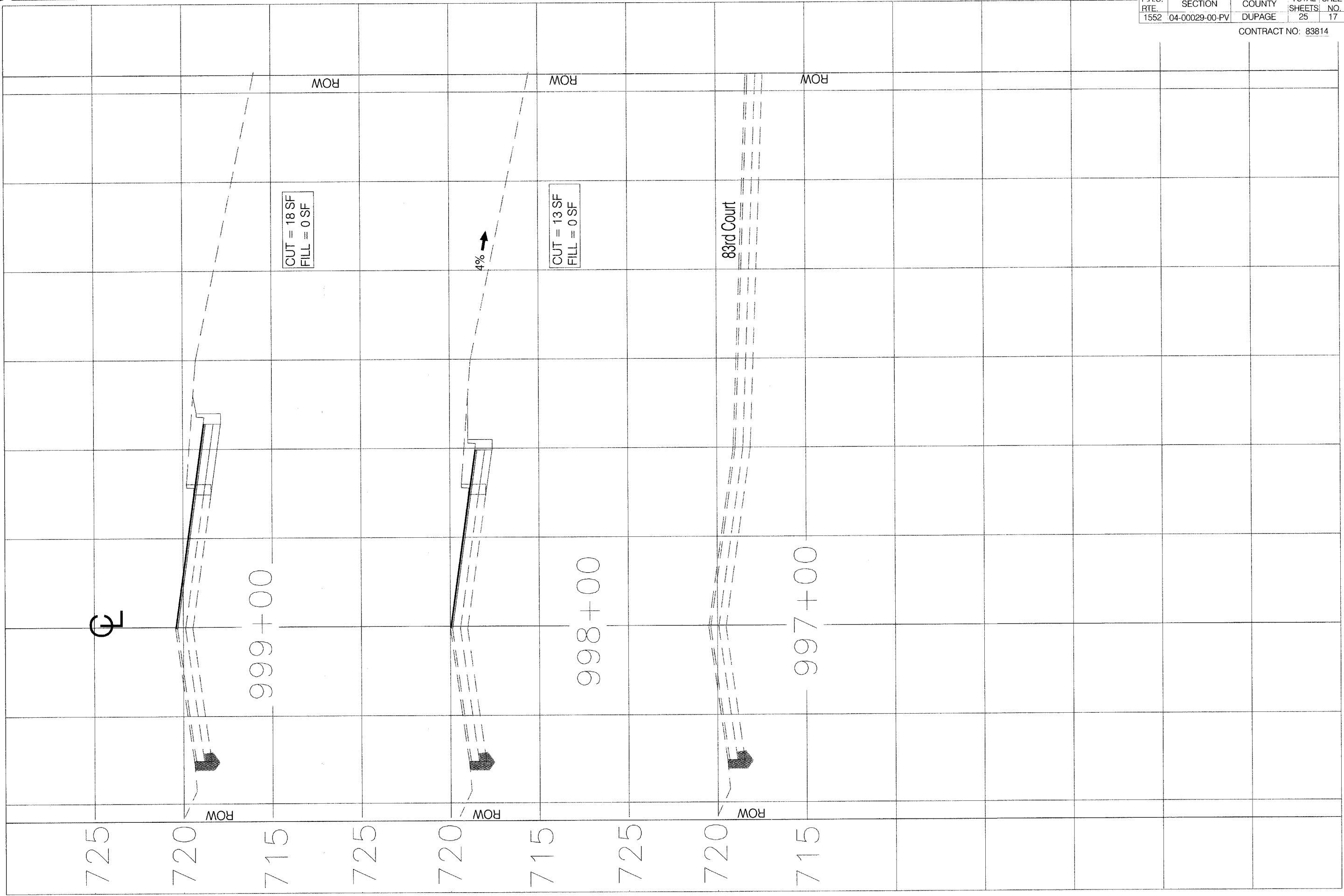
- NORTH ①
- SOUTH ③
- EAST ②
- WEST ④
- 83RD STREET
DETOUR ↑ ⑤
- 83RD STREET
DETOUR ← ⑥
- 83RD STREET
DETOUR → ⑦
- ← DETOUR ⑧
- DETOUR → ⑨

- ROAD CLOSED ①A
 - ROAD CLOSED TO THRU TRAFFIC ②B
 - ROAD CONSTRUCTION AHEAD ③C
 - DETOUR AHEAD ④D
 - ROAD CLOSED AHEAD ⑤E
 - ROAD CLOSED 1000 FT ⑥F
- TYPE A MONODIRECTIONAL FLASHING LIGHT

TRAFFIC CONTROL PLAN		Plan Revisions
		Comments:
Date:		

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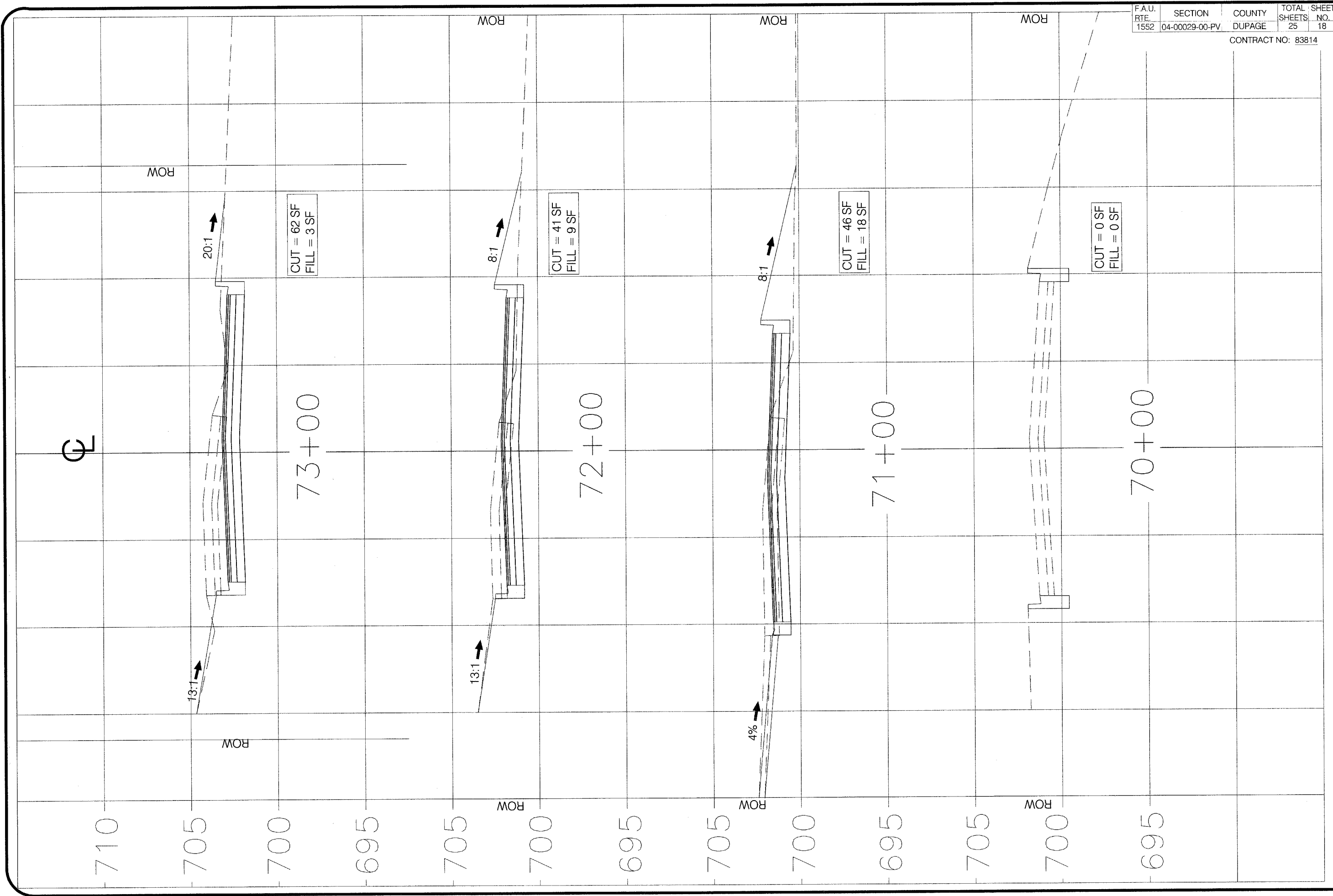


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Plan Revisions	
Date:	Comments:

STA. 997+00 THRU
 STA. 999+00
 CROSS SECTIONS

83rd Street Improvements
 Section No./TIP No.: 04-00-02-900P/08-04-0020
 Date: JULY, 2005
 Scale: 1" = 5'(H)
 1" = 2.5'(V)
 Sheet No.: 17 of 25



FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1552	04-00029-00-PV	DUPAGE	25	18

CONTRACT NO: 83814

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Plan Revisions

Date:	Comments:

STA. 70+00 THRU
 STA. 73+00
 CROSS SECTIONS

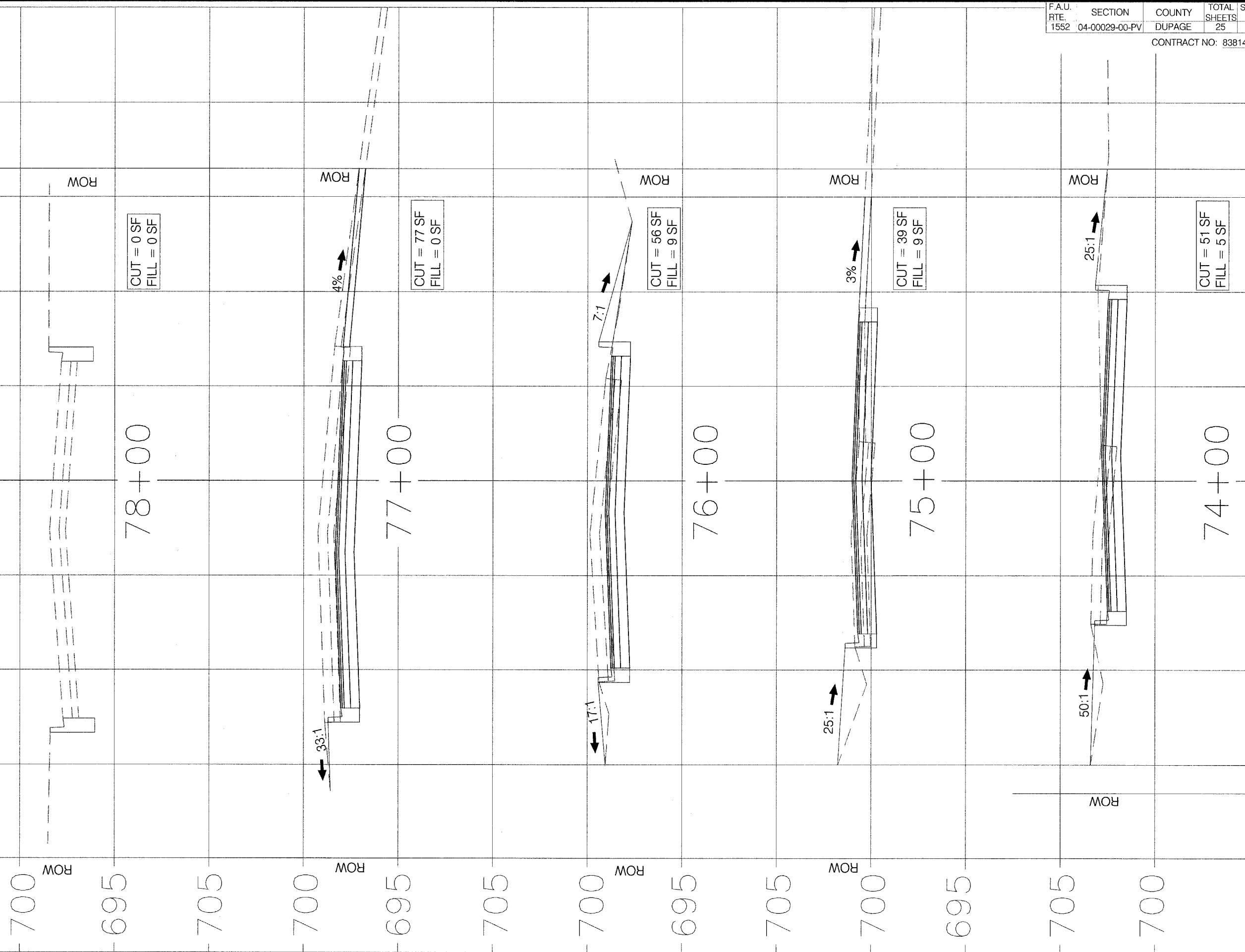
83rd Street Improvements

Section No./TIP No.:
 04-00-02-900PV08-04-0020

Scale: 1" = 5'(H)
 1" = 2.5'(V)

Date: JULY, 2005

Sheet No.: 18 of 25



CUT = 0 SF
FILL = 0 SF

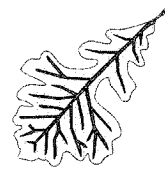
CUT = 77 SF
FILL = 0 SF

CUT = 56 SF
FILL = 9 SF

CUT = 39 SF
FILL = 9 SF

CUT = 51 SF
FILL = 5 SF

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Plan Revisions

Date:	Comments:

STA. 74+00 THRU
STA. 78+00
CROSS SECTIONS

83rd Street Improvements

Section No./ITP No.:
04-00-02-900P/06-04-0020

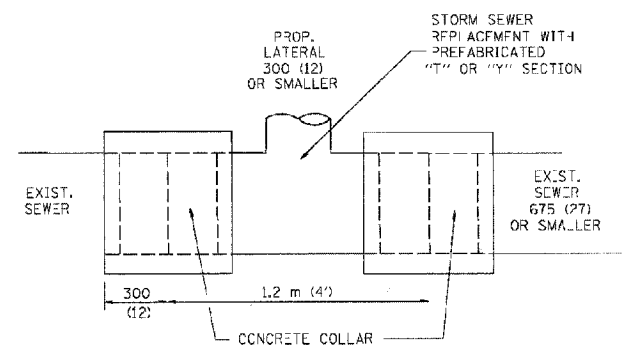
Date: JULY, 2005

Sheet No.: 19 of 25

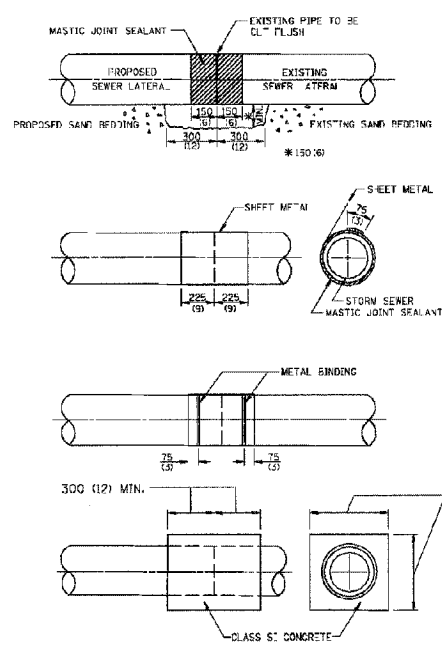
Scale: 1" = 5'(H)
1" = 2.5'(V)

Sheet No.: 19 of 25

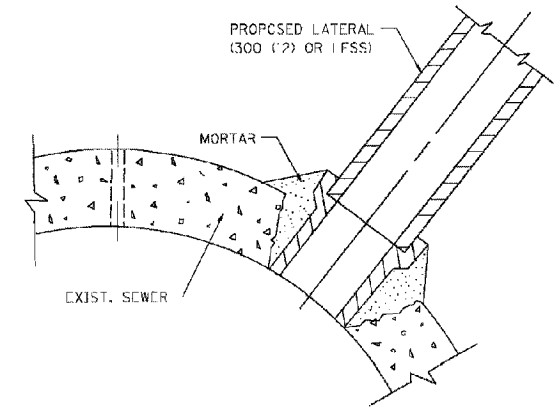
P.A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	RES. PROJ. NO.		



DETAIL "A"
LATERAL CONNECTION TO EXISTING SEWER
OF 675 (27) OR SMALLER



DETAIL "B"
CLASS SI CONCRETE COLLAR



DETAIL "C"
PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 750 (30) OR LARGER

CONSTRUCTION SEQUENCE

- CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
- APPLY THE MASTIC JOINT SEALANT TO THE FIRST 150 (6) OF EACH PIPE.
- BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 300 x 150 (12 x 6) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
- CUT A PIECE OF SHEET METAL (GAG NO. 19 1.1 (0.0414)) 450 (18) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 75 (3) LONG.
- WRAP THE SHEET METAL AROUND THE PIPES, 225 (9) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
- LAP THE SHEET METAL AT LEAST 75 (3) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
- PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
- WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT GOES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
- PLACE CLASS SI CONCRETE AROUND THE JOINT.

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 55C OF THE STANDARD SPECIFICATIONS.
 - CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 675 (27) OR SMALLER SEE DETAIL "A" AND "B".
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 750 (30) OR LARGER SEE DETAIL "C".
- IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL, BELOW FLOW BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DETAIL OF STORM SEWER
CONNECTION TO EXISTING SEWER

REVISIONS	
NAME	DATE
M. DE YONG	07/25/90
M. DE YONG	02/05/92
M. DE YONG	05/08/92
R. SHAH	09/09/94
R. SHAH	10/25/94
R. SHAH	06/12/96

SCALE: NONE
DATE: 10/18/2002
DRAWN BY: CADD
CHECKED BY:
REVISION DATE: 06/12/96

83rd Street Improvements
Section No./TIP No.:
04-00-02-900PV08-04-0020
Scale: NONE
Date: JULY, 2005
Sheet No.: 21 of 25

DETAILS

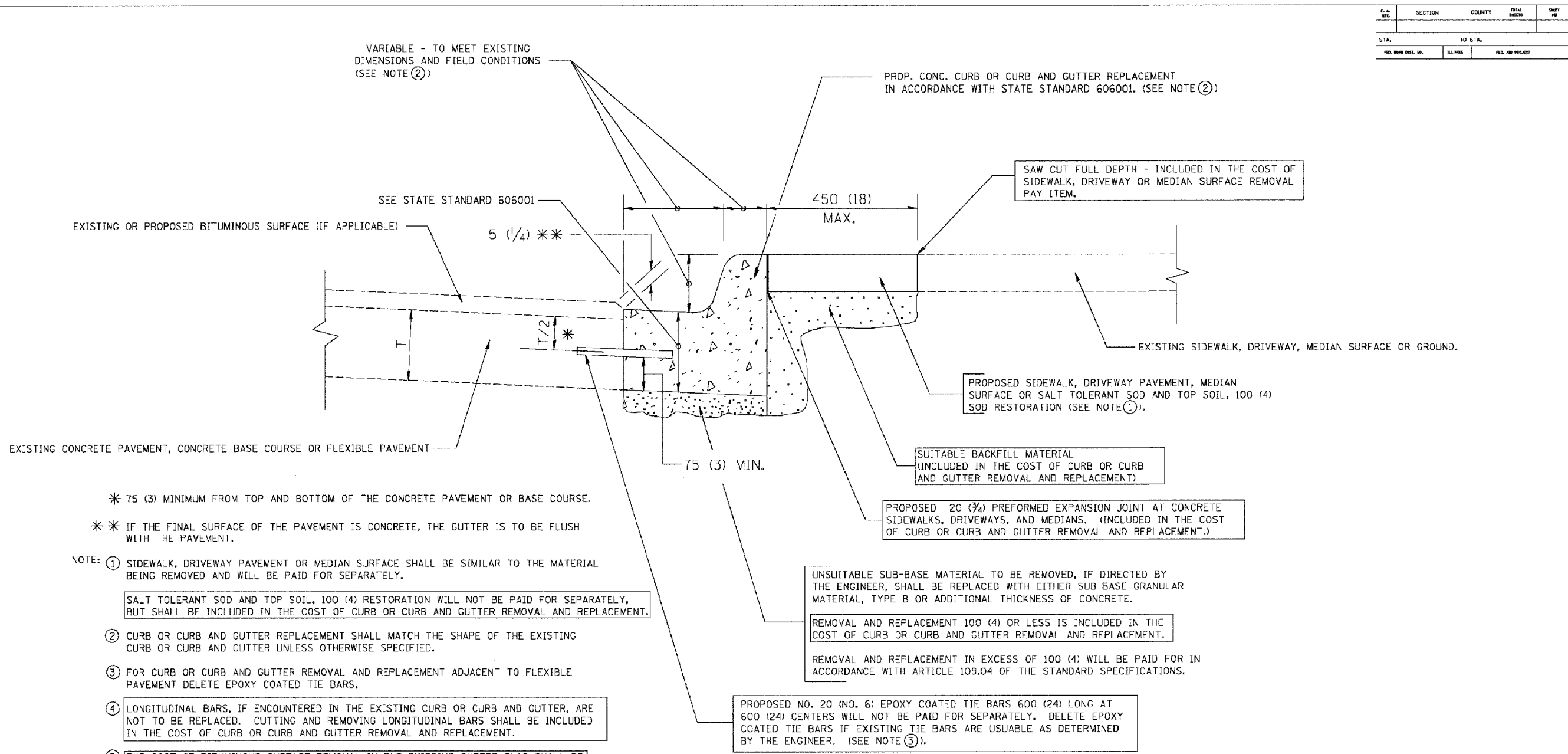
Plan Revisions	
Date:	Comments:

Village of Burr Ridge, IL
Engineering Department
451 Commerce St.
Burr Ridge, IL 60527
Phone: (630) 323-4733
FAX: (630) 323-4798



10/18/2002
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V1-DCL

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.



- * 75 (3) 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, 100 (4) 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 CUTTER 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 CUTTER REMOVAL AND REPLACEMENT.
- ⑤ THE COST OF BITUMINOUS 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.

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

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

NAME	DATE
M. DE YONG	05/28/91
A. HOUSEH	03/11/94
R. SHAH	02/24/95
R. SHAH	03/02/95
R. SHAH	08/19/96
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

ILLINOIS DEPARTMENT OF TRANSPORTATION

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

SCALE: NONE
DATE: 10/18/2002
DRAWN BY: 30600-06 (80-24)
CHECKED BY: [Signature]
REVISION DATE: 12/06/08

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

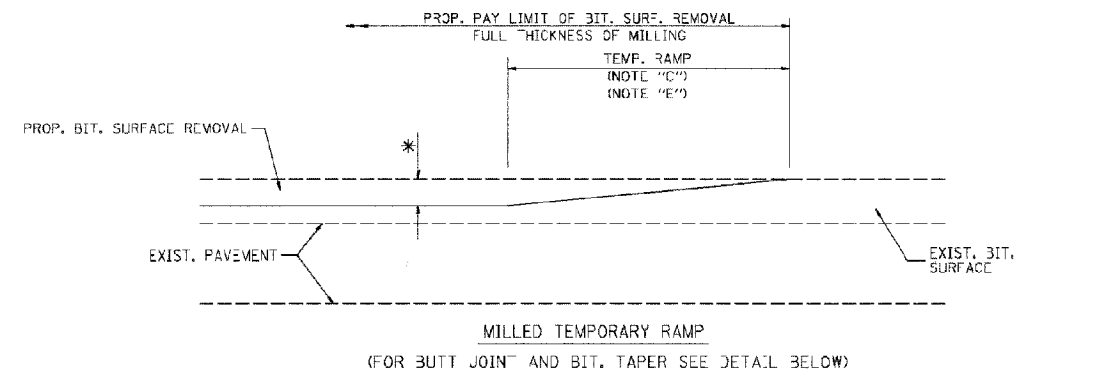
10/18/2002
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DETAILS

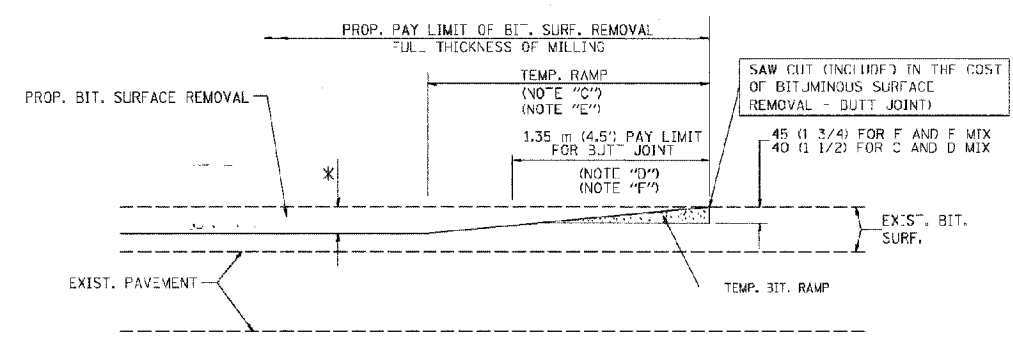
Plan Revisions

Date:

Comments:
 Village of Burr Ridge, IL
 Engineering Department
 451 Commerce St.
 Burr Ridge, IL 60527
 Phone: (630) 323-4733
 FAX: (630) 323-4798

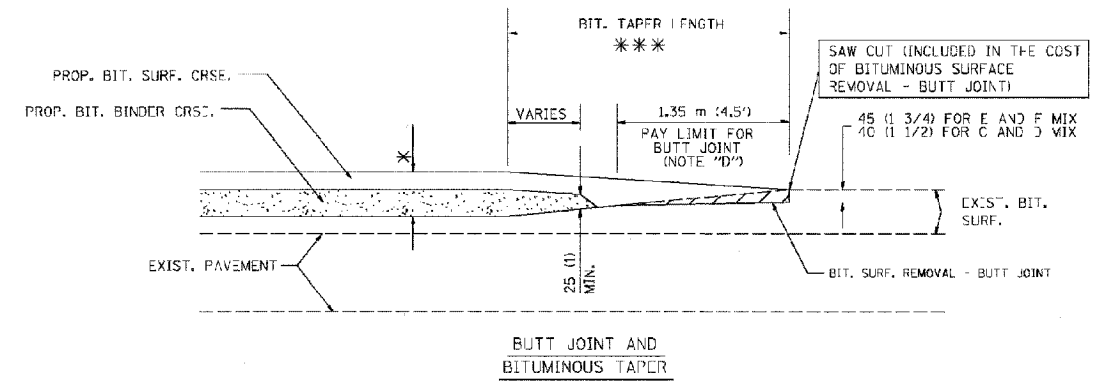


OPTION 1

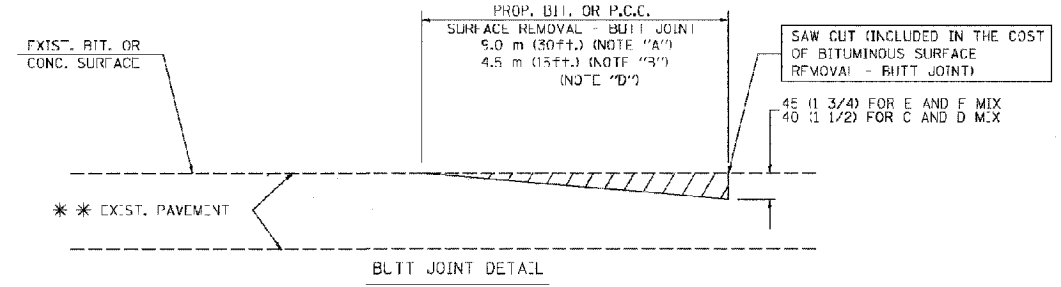


BITUMINOUS CONSTRUCTED TEMPORARY RAMP (FOR BUTT JOINT AND BIT. TAPER SEE DETAIL BELOW)

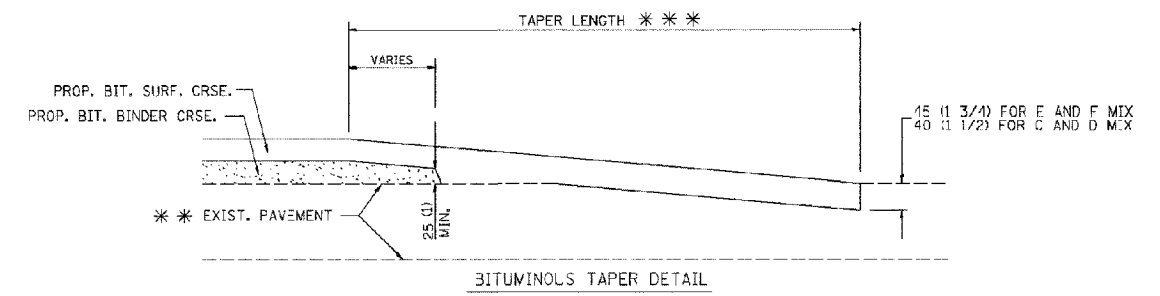
OPTION 2
 TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND BITUMINOUS TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



BITUMINOUS TAPER DETAIL

TYPICAL BUTT JOINT AND BITUMINOUS TAPER FOR RESURFACING ONLY

*** PC CONCRETE, BITUMINOUS OR BITUMINOUS RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING BITUMINOUS SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED BITUMINOUS COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 900 (3 FT.) PER INCH OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 1.35 m (4.5') TEMP. BIT. RAMP WILL BE PAID AS "BITUMINOUS SURFACE REMOVAL - BUTT JOINT".
- G: SEE ARTICLE 406.18 AND 406.24 OF THE STANDARD SPECIFICATIONS FOR "BITUMINOUS AND PCC SURFACE REMOVAL - BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 6.1 m (20') PER 25 (1) RESURFACING (NOTE 'A') 5.0 m (10') PER 25 (1) RESURFACING (NOTE 'B')

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

BASIS OF PAYMENT:
 Cost of Butt Joint shall be included in the cost of Bituminous Surface Removal

REVISIONS	
NAME	DATE
M. DE YONG	6-13-90
M. DE YONG	7-3-90
M. DE YONG	3-27-92
R. SHAH	09/09/94
R. SHAH	10/25/94
A. ABBAS	03/21/97
M. GOMEZ	04/06/01

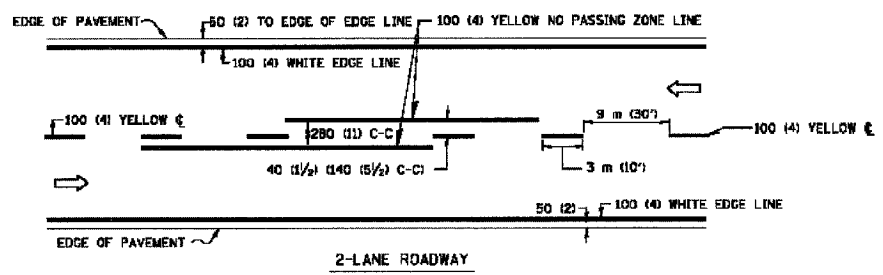
ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND BITUMINOUS TAPER DETAILS

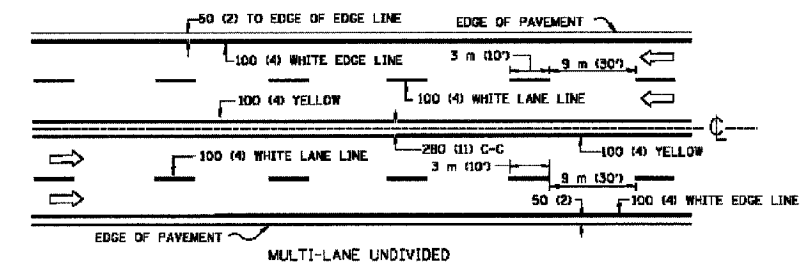
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 DATE PLOTTED: 10/18/2002

DRAWN BY
 CHECKED BY
 80400-05 (V1-B032)
 REVISION DATE: 04/06/01

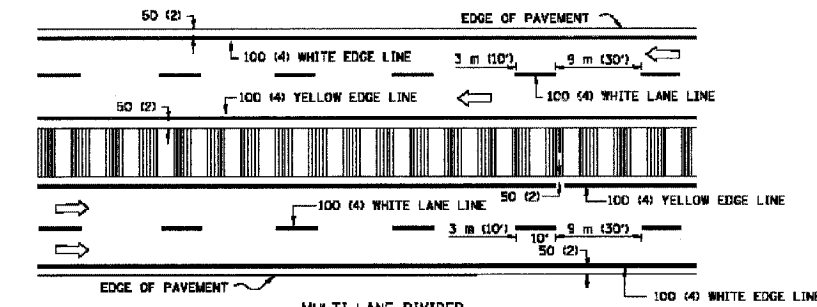
DATE TIME: 10/25/05
 DRAWN BY: VIB
 VIB-8232



2-LANE ROADWAY



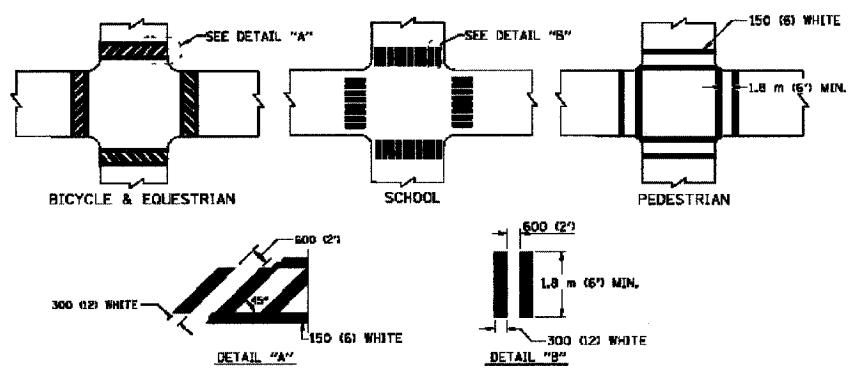
MULTI-LANE UNDIVIDED



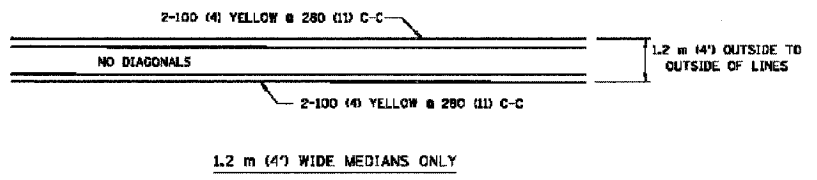
MULTI-LANE DIVIDED WITH MOUNTABLE MEDIAN

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

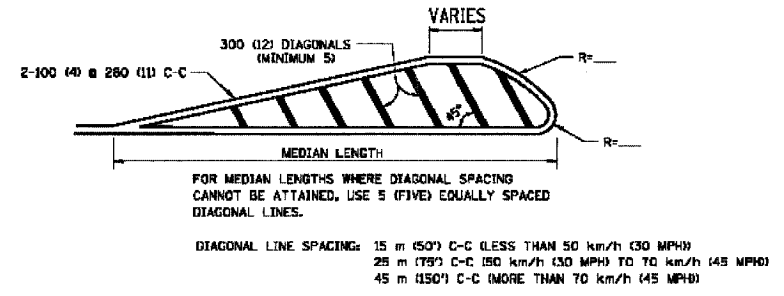
TYPICAL LANE AND EDGE LINE MARKING



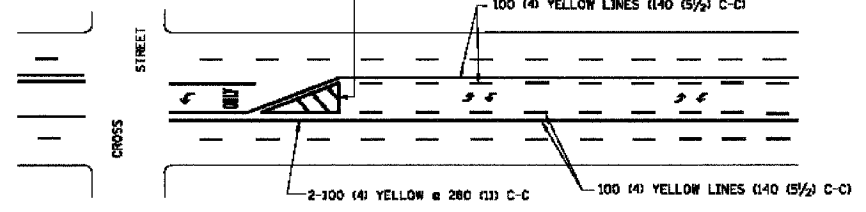
TYPICAL CROSSWALK MARKING



1.2 m (4') WIDE MEDIANS ONLY

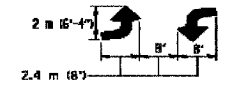


MEDIANS OVER 1.2 m (4') WIDE



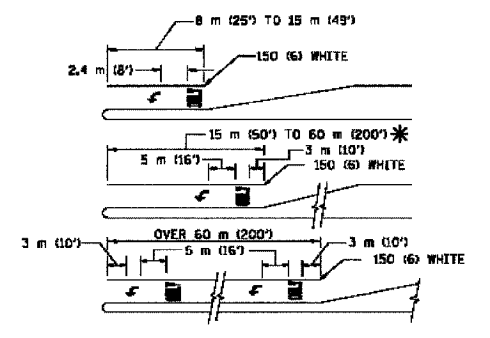
TYPICAL PAINTED MEDIAN MARKING

A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 60 m (200') TO 90 m (300') INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL LEFT (OR RIGHT) TURN LANE

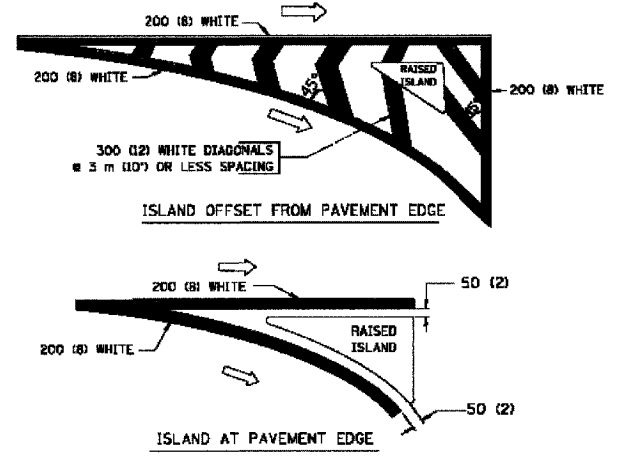


FULL SIZE LETTERS 2.4 m (8') AND ARROWS SHALL BE USED. AREA = 1.5 m² (15.6 SQ. FT.) AREA = 1.9 m² (20.8 SQ. FT.)

* TURN LANES IN EXCESS OF 120 m (400') IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL TURN LANE 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	100 (4)	SOLID	YELLOW	140 (5 1/2) C-C FROM SKIP-DASH CENTERLINE
NO PASSING ZONE LINES FOR BOTH DIRECTIONS	2 @ 100 (4)	SOLID	YELLOW	280 (11) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	100 (4)	SKIP-DASH SKIP-DASH	WHITE WHITE	3 m (10') LINE WITH 9 m (30') SPACE
LANE LINES ON FREEWAYS	125 (5) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	600 (24) 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	SKIP-DASH AND SOLID	YELLOW	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
TWO WAY LEFT TURN MARKING	2.4 m (8') LEFT ARROW	IN PAIRS	WHITE	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 (24) APART 600 (24) 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°	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" 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"=3.0 m ² (32.4 SQ. FT.)
SHOULDER DIAGONALS	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))	SOLID	WHITE - RIGHT YELLOW - LEFT	

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.

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DISTRICT ONE
 TYPICAL PAVEMENT MARKINGS

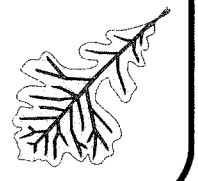
REVISIONS
 NAME DATE
 EVERS 03-19-90
 T. RAMMACHER 10-27-94
 ALEX HOUSEH 10-09-96
 ALEX HOUSEH 10-17-96
 T. RAMMACHER 01-06-00

SCALE: NONE
 DATE 10/18/2002
 DRAWN BY CADD
 CHECKED BY
 TC-13
 REVISION DATE 01/06/00

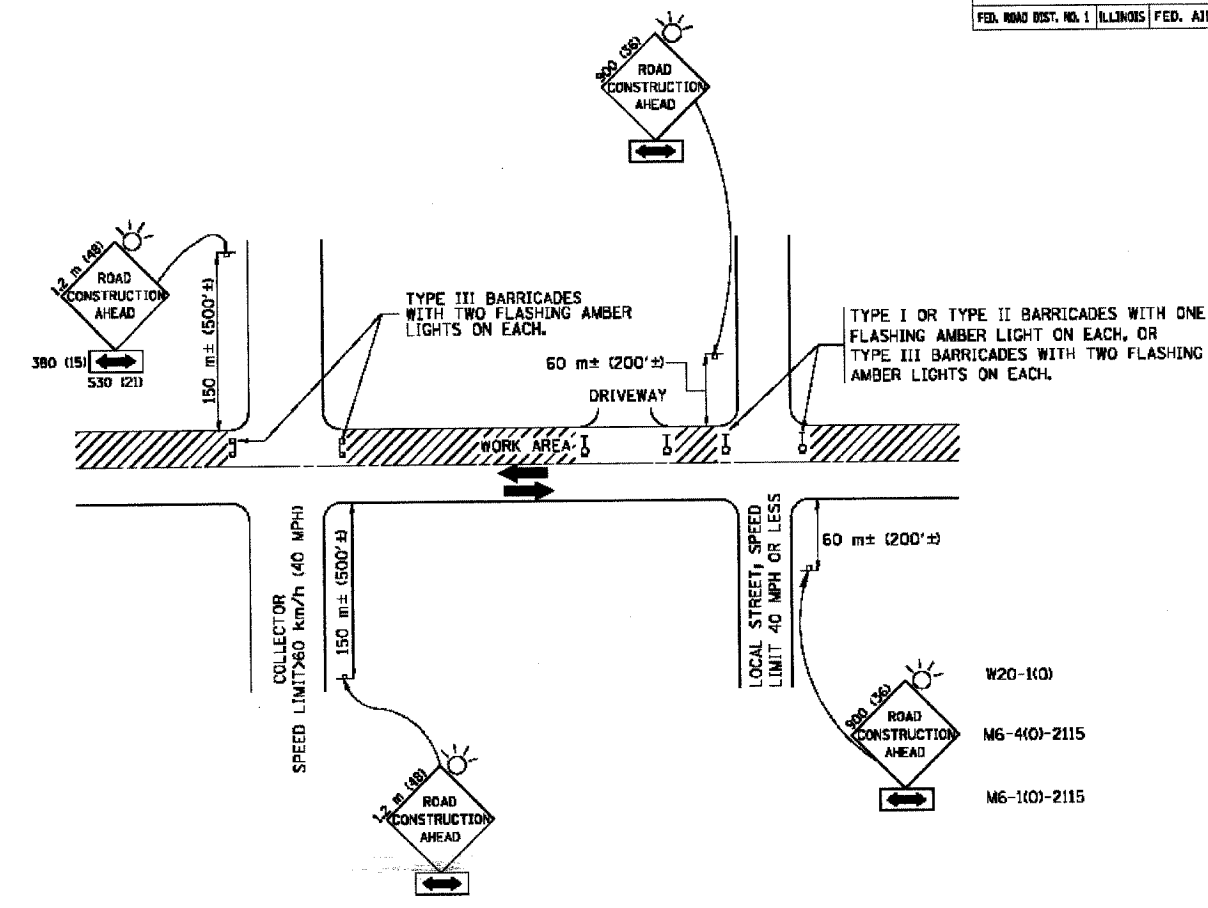
DETAILS

Plan Revisions

Village of Burr Ridge, IL
 Engineering Department
 451 Commerce St.
 Burr Ridge, IL 60527
 Phone: (630) 323-4733
 FAX: (630) 323-4798



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



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 (48x48) 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.
 - WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (MG-11) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (MG-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:**
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 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	
NAME	DATE
LHA	6/89
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

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: VERT. DATE 10/18/2002
 HORIZ.
 DRAWN BY
 CHECKED BY
 TC-10
 REVISION DATE: 01/06/00

83rd Street Improvements

Section No./TIP No.: 04-00-02-900PV/08-04-0020
 Scale: NONE
 Date: JULY, 2005
 Sheet No.: 25 of 25

DETAILS

Plan Revisions
Date:
Comments:

Village of Burr Ridge, IL
 Engineering Department
 451 Commerce St.
 Burr Ridge, IL 60527
 Phone: (630) 323-4733
 FAX: (630) 323-4798