

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5031	04-00344-00-TL	WINNEBAGO	28	1
		ILLINOIS	CONTRACT NO. 85478	

28+1=29

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

FAU ROUTE 5031 (RALSTON ROAD)
SECTION 04-00344-00-TL
PROJECT ARA-5099(091)

WINNEBAGO COUNTY

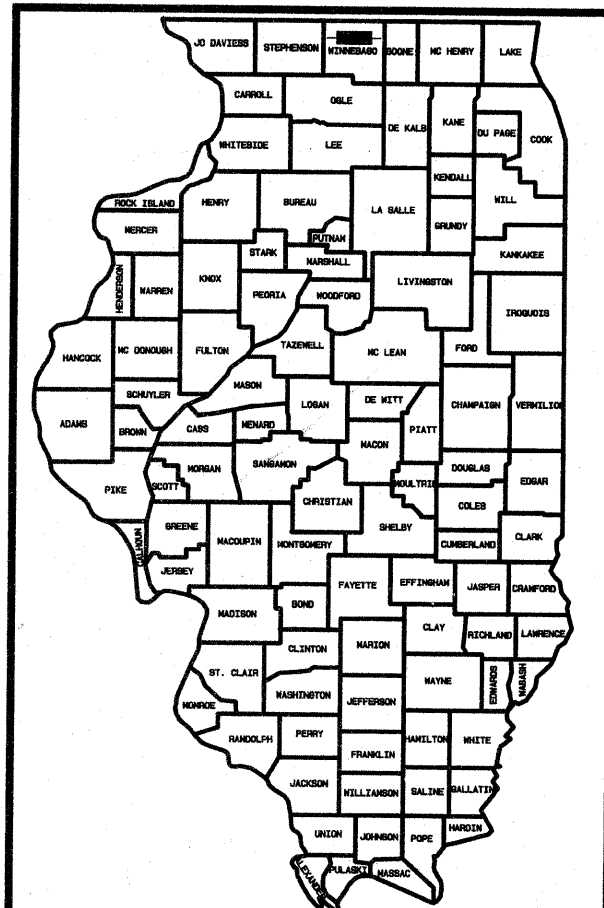
C-92-171-09

INDEX OF SHEETS

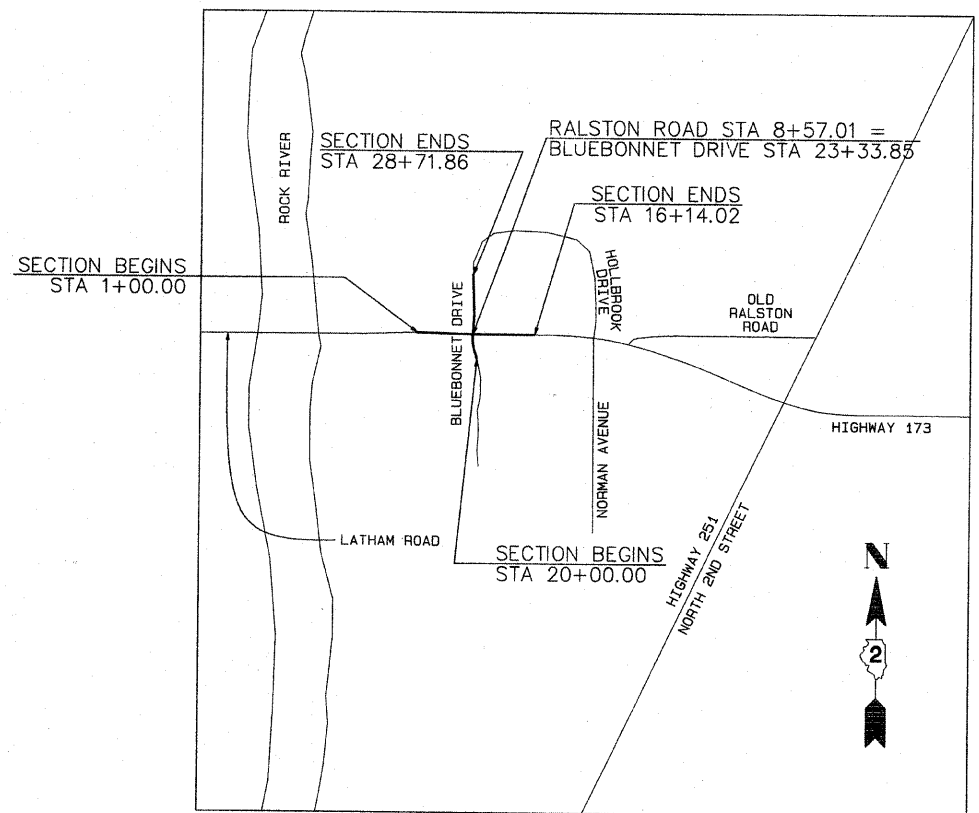
SHEET NO.	SHEET NAME
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STANDARDS

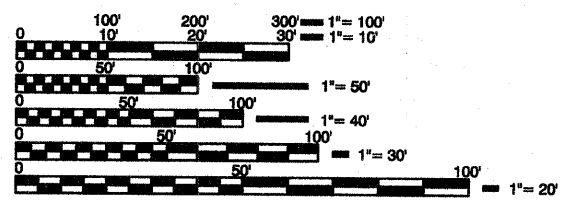
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAILBOX TURNOUT
424001-05	CURB RAMPS FOR SIDEWALKS
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
602301-02	INLET - TYPE A
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701006-03	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24' (800mm) FROM PAVEMENT EDGE
701011-02	OFF-RD MOVING OPERATIONS, 2L, 2W DAY ONLY
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701326-03	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > OR = 45 MPH
701331-03	LANE CLOSURE, 2L, 2W, WITH RUN-AROUND FOR SPEEDS > OR = 45 MPH
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-03	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
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720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
720016-02	MAST ARM MOUNTED STREET NAME SIGNS
720021-02	SIGN PANELS, EXTRUDED ALUMINUM TYPE
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
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761001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	HANDHOLES
857001-01	DOUBLE HANDHOLES
862001-01	STANDARD PHASE DESIGNATIONS DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-04	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877011-04	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-06	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
BLR 21-8	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
BLR 24-2	FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
	MAILBOX TURNOUT FOR LOCAL ROADS



LOCATION OF SECTION INDICATED THIS: -



LOCATION MAP



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

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: ARNOLD LUNDGREN ASSOCIATES
PROJECT MANAGER: WINNEBAGO COUNTY HIGHWAY DEPARTMENT

CONTRACT NO. 85478

GROSS LENGTH = 2,385.88 FT. = 0.452 MILE
NET LENGTH = 2,385.88 FT. = 0.452 MILE

SECTION 18 TOWNSHIP 45N RANGE 2E
SECTION 19 TOWNSHIP 45N RANGE 2E

Arnold Lundgren & Associates
Professional Engineers and Land Surveyors
Illinois Design Firm No. 184-002889
803 N. Church Street • Rockford, IL 61103
(815) 962-9881 • Fax (815) 962-9409
www.arnoldlundgren.com

DATE: 05/17/06
BY: VRL
APPROVED: RFA
ORDER NO.: 22475

REVISIONS:
3-14-09 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. COMMENTS VRL
3-20-09 REVISED PER DRAWING COMMENTS VRL
4-20-09 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. COMMENTS VRL
9-17-09 REVISED PER BIDDING COMMENTS VRL
10-15-09 REVISED PER DOT COMMENTS VRL
11-20-09 REVISED PER DOT COMMENTS VRL

062-042258
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS
James W. Kroepflin
Date Signed 11/19/09
License Expires 11/20/11

WINNEBAGO COUNTY HIGHWAY DEPARTMENT

Approved: *November 19, 2009*
Winnebago County Highway Department, County Engineer

Passed: 11/23 20 09
Jason T. Nelson, etc.
District 2 Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review: 11/23 20 09
Deputy Director of Highways, Region 2 Engineer

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

SUMMARY OF QUANTITIES

Pay Item No.	Description Abbreviation	Units	Y031-1F	1000	*	Total
20100110	TREE REMOV 6 - 15	UNIT		78		78
20100210	TREE REMOV OVER 15	UNIT		100		100
20200100	EARTH EXCAVATION	CU YD		3,453		3,453
20800150	TRENCH BACKFILL	CU YD		106		106
25000920	SEEDING CL 1A SPL	ACRE		1		1
28000305	TEMP DITCH CHECKS	FOOT		15		15
28000400	PERIMETER EROS BAR	FOOT		2,813		2,813
28000500	INLET & PIPE PROTECT	EACH		25		25
35101400	AGG BASE CSE B	TON		2,927		2,927
40600200	BIT MATLS PR CT	TON		8		8
40600300	AGG PR CT	TON		7		7
40600625	LEV BIND MM N50	TON		26		26
40600635	LEV BIND MM N70	TON		157		157
40600982	HMA SURF REM BUTT JT	SQ YD		199		199
40600990	TEMPORARY RAMP	SQ YD		58		58
40603000	HMA BC IL-12.5 N50	TON		193		193
40603085	HMA BC IL-19.0 N70	TON		1,705		1,705
40603310	HMA SC "C" N50	TON		320		320
40603340	HMA SC "D" N70	TON		644		644
40800050	INCIDENTAL HMA SURF	TON		47		47
42300200	PCC DRIVEWAY PAVT 6	SQ YD		348		348
42400100	PC CONC SIDEWALK 4	SQ FT		89		89
44000200	DRIVE PAVEMENT REM	SQ YD		54		54
44000500	COMB CURB GUTTER REM	FOOT		2,854		2,854
44000600	SIDEWALK REM	SQ FT		192		192
44300900	STRIP REF CR CON TR A	FOOT		2,786		2,786
50105220	PIPE CULVERT REMOV	FOOT		154		154
54200640	P CUL 1 CS/A CP 15	FOOT		30		30
54207780	P CUL 1 CS/A EQ RS 15	FOOT		78		78
54213660	PRC FLAR END SEC 15	EACH		2		2
550A0050	STORM SEW CLA 1 12	FOOT		170		170
550A0070	STORM SEW CLA 1 15	FOOT		484		484
55100500	STORM SEWER REM 12	FOOT		159		159
60236200	INLETS TA T8G	EACH		3		3
60242400	INLETS SPL	EACH		3		3
60242600	INLETS SPL N2	EACH		12		12
60255500	MAN ADJUST	EACH		12		12
60266600	VALVE BOX ADJ	EACH		5		5
60500040	REMOV MANHOLES	EACH		1		1
60500060	REMOV INLETS	EACH		11		11
60605000	COMB CC&G TB6.24	FOOT		3,037		3,037
67100100	MOBILIZATION	L SUM		1		1
70103700	TRAF CONT COMPL	L SUM		1		1
70103815	TR CONT SURVEILLANCE	CAL DA		45		45
70300610	TEMP PT PAVT MK L&S	SF		31.2		31.2
70300625	TEMP PT PVT M LINE 4	FOOT		10,611		10,611
70300660	TEMP PT PVT M LINE 24	FOOT		56		56

* Non-Participating

BENCHMARKS:
 BM #1 - SET RAILROAD SPIKE IN NORTH FACE OF UTILITY POWER POLE AT THE SOUTHEAST CORNER OF THE INTERSECTION OF RALSTON ROAD & BLUEBONNET DRIVE
 ELEV = 732.58
 BM #2 - WEST BOLT BY THE "0" IN OPEN ON FIRE HYDRANT AT THE SOUTHEAST CORNER OF THE INTERSECTION OF BLUEBONNET DRIVE AND ALTHEA STREET
 ELEV = 732.88
 BM #3 - SET RAILROAD SPIKE IN SOUTH FACE OF UTILITY POWER POLE LOCATED ON THE NORTH SIDE OF RALSTON ROAD, APPROXIMATELY 650' WEST OF THE INTERSECTION OF RALSTON ROAD & BLUEBONNET DRIVE
 ELEV = 734.27

Pay Item No.	Description Abbreviation	Units	Y031-1F	1000	*	Total
72000200	SIGN PANEL T2	SQ FT		33		33
△ 78000100	THPL PVT MK LTR & SYM	SQ FT		292		292
△ 78000200	THPL PVT MK LINE 4	FOOT		10,826		10,826
△ 78000500	THPL PVT MK LINE 8	FOOT		2,564		2,564
△ 78000600	THPL PVT MK LINE 12	FOOT		711		711
△ 78000650	THPL PVT MK LINE 24	FOOT		128		128
△ 78100100	RAISED REFL PAVT MKR	EACH		132		132
78300100	PAVT MARKING REMOVAL	SQ FT		3,664		3,664
△ 78300200	RAISED REF PVT MK REM	EACH		17		17
△ 80500200	SERV INSTALL TY B	EACH	1			1
△ 81012600	CON T 2 PVC	FOOT		98		98
△ 81012700	CON T 2 1/2 PVC	FOOT		83		83
△ 81012800	CON T 3 PVC	FOOT		193		193
△ 81012900	CON T 3 1/2 PVC	FOOT		58		58
△ 81013000	CON T 4 PVC	FOOT		38		38
△ 81021580	CON AUGERED 3 1/2 PVC	FOOT		32		32
△ 81400100	HANDHOLE	EACH		6		6
△ 81400300	DBL HANDHOLE	EACH		1		1
△ 81702110	EC C XLP USE 1C 10	FOOT		475		475
△ 81900200	TR & BKFL F ELECT WK	FOOT		470		470
△ 82103250	LUM SV HOR MT PC 250W	EACH		2		2
△ 85700200	FAC T4 CAB	EACH		1		1
△ 86200200	UNINTER POWER SUP STD	EACH		1		1
△ 87301215	ELCBL C SIGNAL 14 2C	FOOT		667		667
△ 87301225	ELCBL C SIGNAL 14 3C	FOOT		1,403		1,403
△ 87301245	ELCBL C SIGNAL 14 5C	FOOT		2,097		2,097
△ 87301255	ELCBL C SIGNAL 14 7C	FOOT		824		824
△ 87301815	ELCBL C SERV 6 3C	FOOT		47		47
△ 87502240	TS POST PS 9	EACH		6		6
△ 87702910	STL COMB MAA&P 36	EACH		2		2
△ 87800100	CONC FDN TY A	FOOT		18		18
△ 87800150	CONC FDN TY C	FOOT		3		3
△ 87800400	CONC FDN TY E 30D	FOOT		60		60
△ 88040070	SH P LED 1F 3S BM	EACH		2		2
△ 88040090	SH P LED 1F 3S MAM	EACH		8		8
△ 88040150	SH P LED 1F 5S BM	EACH		2		2
△ 88040160	SH P LED 1F 5S MAM	EACH		2		2
△ 88102717	PED SH LED 1F BM CDT	EACH		8		8
△ 88200410	TS BACKPLATE L F PLAS	EACH		10		10
△ 88800100	PED PUSH-BUTTON	EACH		4		4
△ 89502500	REM TEMP TR SIG INST	EACH		1		1
Z0013798	CONSTRUCTION LAYOUT	L SUM		1		1
△ X0320837	EM VEH PR SY DUAL D U	EACH		2		2
△ X0320872	VIDEO VEH DET SYS	EACH		1		1
△ XX003163	EM VEH PR SY	EACH		1		1
△ XX003164	EM VEH PR SY LI CBL C	FOOT		281		281
△ XX005559	SAN SEWER FOR SERVICE	FOOT		15		15

△ SPECIALTY ITEMS

BM#4 - RAILROAD SPIKE IN THE WEST FACE OF UTILITY POWER POLE LOCATED ON THE EAST SIDE OF BLUEBONNET DRIVE, APPROXIMATELY 600' NORTH OF THE INTERSECTION OF RALSTON ROAD AND BLUEBONNET DRIVE
 ELEV = 733.27
 BM#5 - EAST BOLT ON FIRE HYDRANT LOCATED ACROSS FROM THE ENTER/EXIT OF RALSTON ELEMENTARY ON THE SOUTH SIDE OF RALSTON ROAD BETWEEN BENJAMIN DRIVE & BLUEBONNET DRIVE, APPROXIMATELY 250' EAST OF THE INTERSECTION OF RALSTON ROAD & BLUEBONNET DRIVE
 ELEV = 741.42

RALSTON ROAD
 FUNCTIONAL CLASSIFICATION: COUNTY HIGHWAY 17 - PRINCIPAL ARTERIAL

ADT = 12,427 VPD
 DESIGN SPEED: 45 MPH
 POSTED SPEED: 35 MPH

BLUEBONNET DRIVE
 FUNCTIONAL CLASSIFICATION: LOCAL ROAD

DESIGN SPEED: 30 MPH
 POSTED SPEED: 30 MPH

GENERAL NOTES

Locations of all existing utilities are taken from record information. Contractor shall verify location prior to the start of construction.
 Contractor shall notify the Village of Machesney Park Department of Public Works, the County of Winnebago and the Rock River Water Reclamation District (RRWRD) 48 hours prior to the start of construction.
 Contractor shall notify J.U.L.I.E. (1-800-892-0123) 48 hours prior to the start of any excavation.
 All work shall be performed in accordance with the Standard Specifications, of the Village of Machesney Park Department of Public Works, the Standard Specifications for Sewer and Watermain Construction in Illinois, current edition, the latest requirements of the Rock River Water Reclamation District (RRWRD) and the Standard Specifications for Road and Bridge Construction of the Illinois D.O.T. insofar as each shall apply to the work.

All work shall be guaranteed for one year from the date of acceptance and shall be subject to acceptance by the Owner and the proper authorities.

No sanitary sewer manholes shall be left in a sump condition during construction.
 I.D.O.T. trench backfill shall be used where sewers or water mains are under pavements or walks. Mechanical compaction and select trench backfill are required.

The elevations shown herein are based on the Winnebago County GIS (WINGIS) (NAVD 88) Datum Plane.

Contractor shall obtain and pay for all necessary permits for construction.
 Contractor shall clean up all excess materials and debris caused as a result of work under this contract.

Contractor shall be responsible for any and all damage resulting from the performance of the work under this contract.

Contractor shall restore all disturbed areas to preconstruction conditions.
 Contractor shall dispose of non-suitable material off-site.

Contractor will be required to sign the SWPPP certifying that they understand the terms of the N.P.D.E.S. permit.

Contractor shall adjust and/or reconstruct all Manholes, Inlets & Valve Boxes to match new grades.
 Inlet Protection is required at all Inlets.

Contractor shall provide traffic control in accordance with I.D.O.T standards as necessary.

All manholes must be set to final grade and public improvements that affect sanitary sewer shall be completed prior to formal RRWRD acceptance of the sanitary sewer.

The RRWRD shall furnish a full time Inspector for all sanitary sewer work.
 Sanitary sewer service stubs shall be laid at a minimum slope of 1.00% and have minimum cover of 6'.

All PVC (SDR35) sanitary sewer mains shall meet the requirements of ASTM D-3034 with joints conforming to ASTM D-3212; all sanitary services (and mains, where required) shall be watermain quality (SDR-26) PVC pipe conforming to ASTM D-2241 with ASTM D-3139 joints. Bedding shall be Class 1A per ASTM D-2321-74 for all PVC pipe.

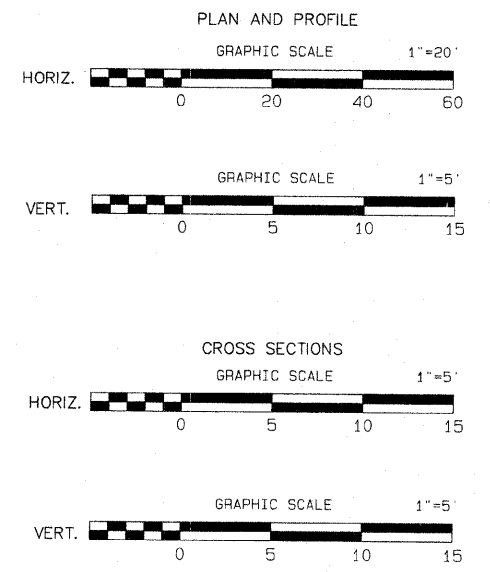
The cost of making sewer connections to existing drainage structures shall be included in the various contract unit prices for STORM SEWER.

For manholes in need of adjustment, the RRWRD specifies the following:
 a. 4" minimum, of adjusting rings (not required in turf areas or curb and gutter roadways)
 b. A maximum of 12' of adjusting rings
 c. No more than one (1)-two inch (2") adjusting ring per manhole
 d. A maximum of 30' from the top of casting to the first step
 e. Adjustment by grouting is not permitted.

If the existing sanitary manholes do not have a Neenah R-1670 or E. Jordan E-1117 casting or if the castings are in poor condition, the RRWRD's Supporting Services Department should be contacted prior to the adjustment for replacement castings. The Contractor is responsible for exchanging the old castings for new ones from the RRWRD, if required. External manhole (chimney) seals will be required - manhole seal installation will be the Contractor's responsibility.

Manhole castings in roadways should be shimmed into alignment with the pavement surface. For pitched castings, a minimum of three shims (plastic or metal) equally spaced to prevent rocking shall be installed between the casting and the masonry. The remaining space between the casting and masonry shall be filled with hydraulic cement.

A RRWRD Inspector should be present for all manhole adjustment work.



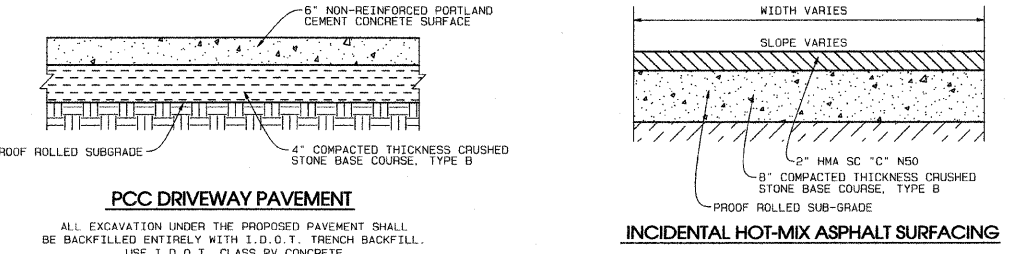
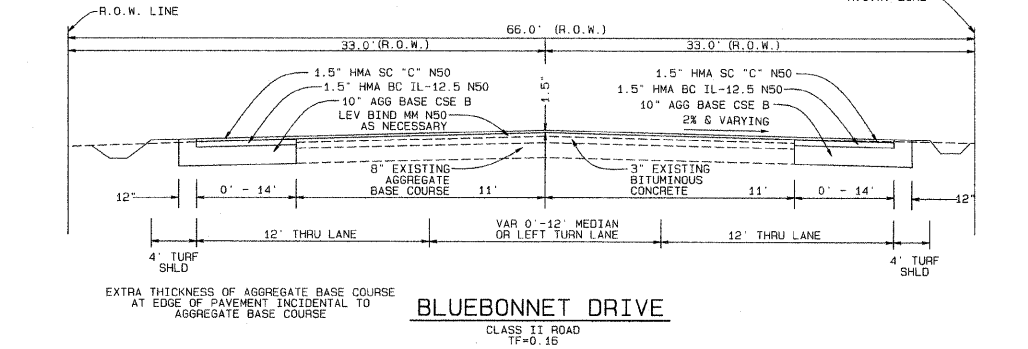
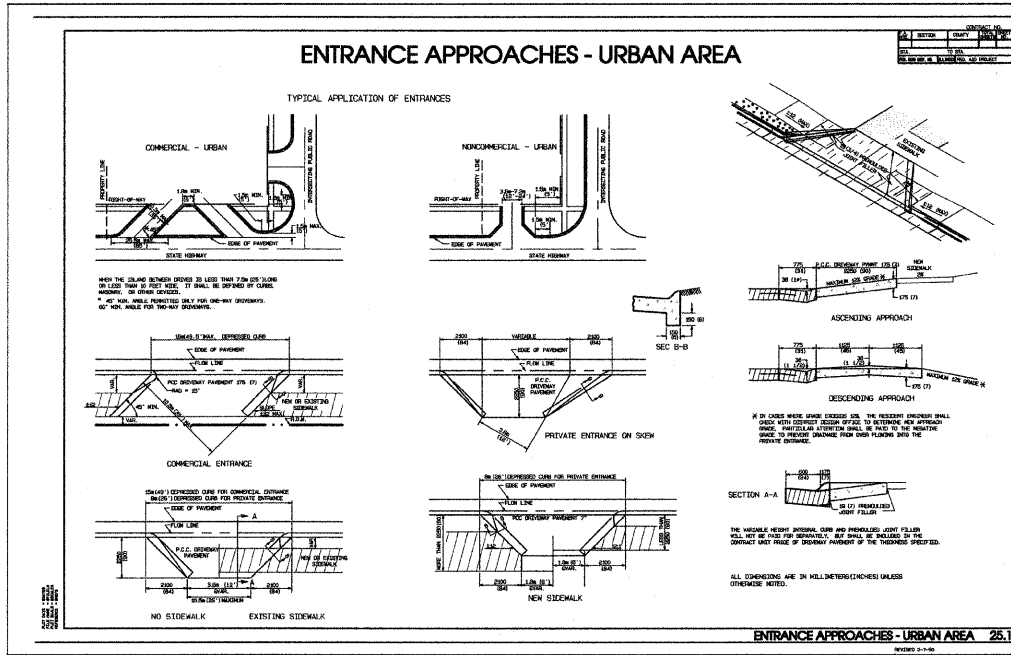
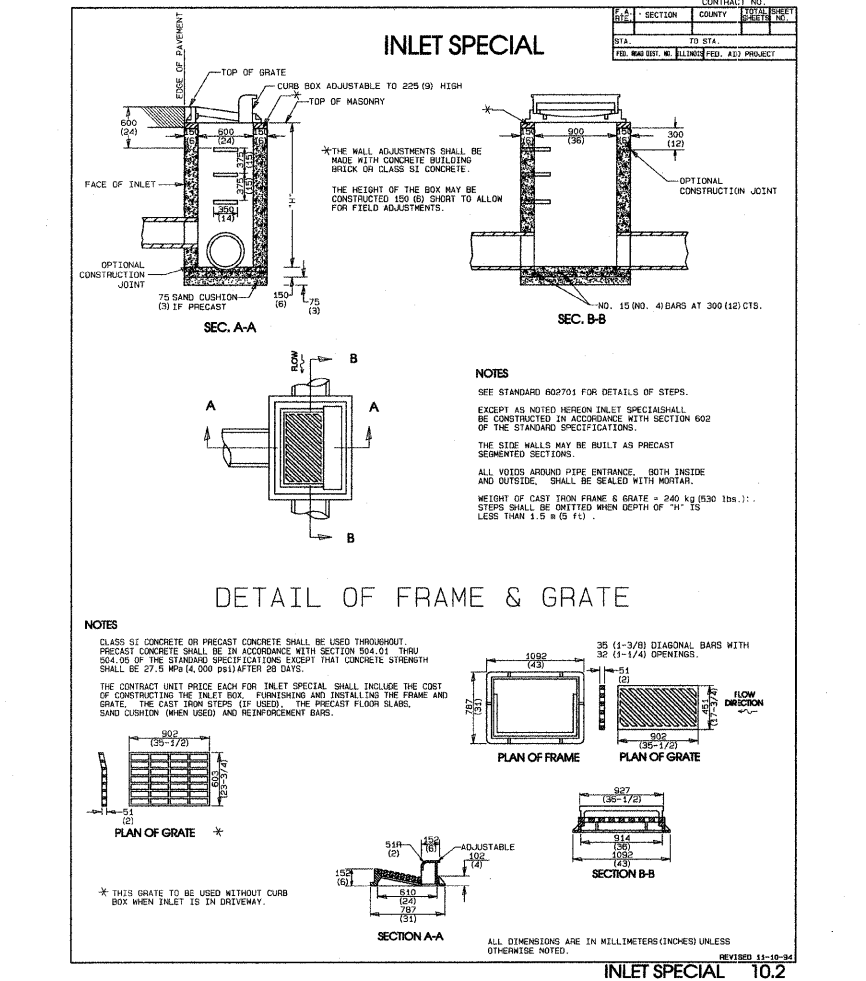
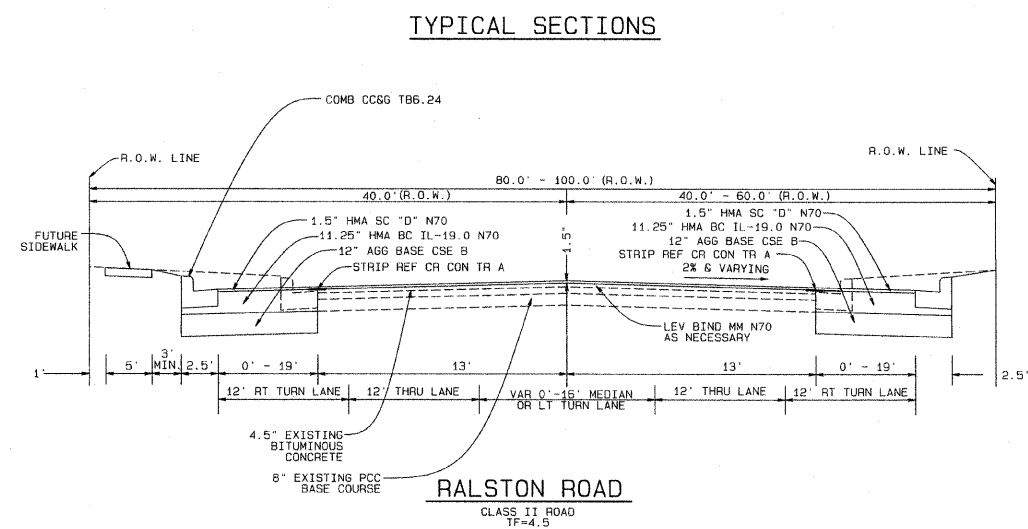
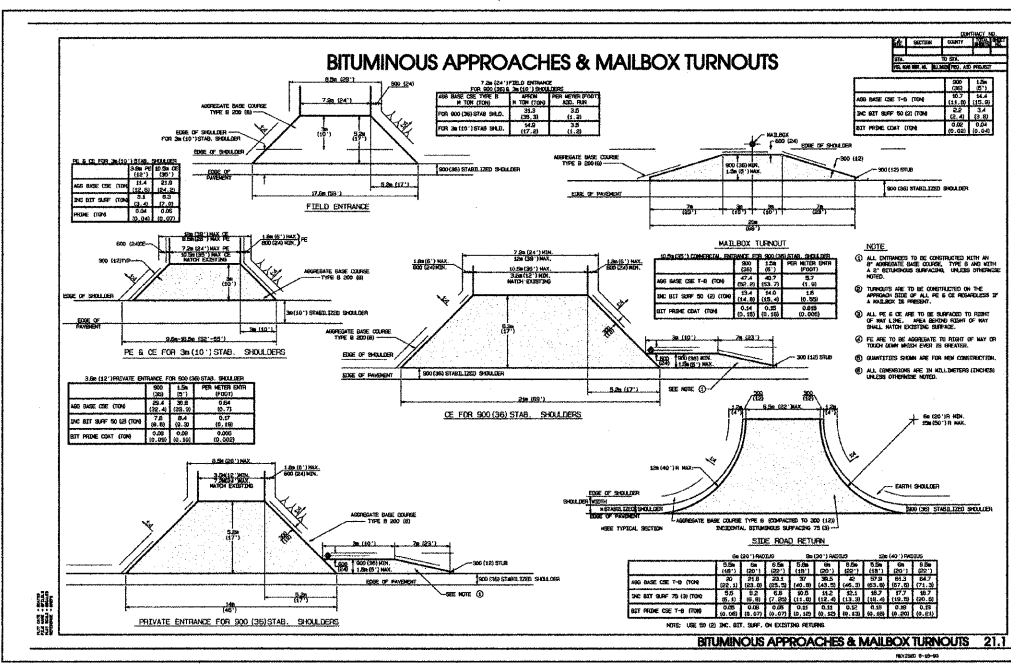
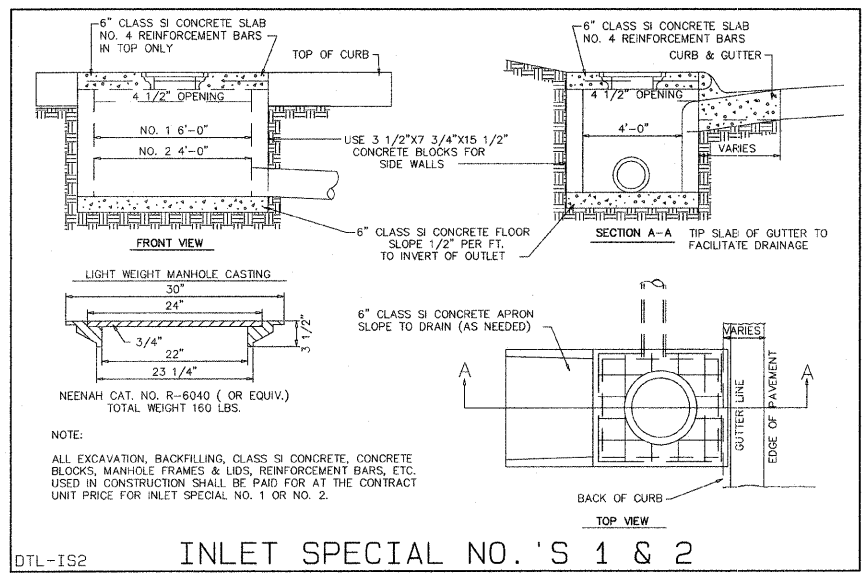
UTILITIES	
COMMONWEALTH EDISON 123 ENERGY AVENUE ROCKFORD, IL 61109 (815) 490-2869	NORTH PARK PUBLIC WATER DISTRICT 1350 TURRET DRIVE MACHESNEY PARK, IL 61115 (815) 633-5461
MCCLOUD USA 900 COMMERCE DRIVE SUITE 203 OAKBROOK, IL 60523 (630) 570-5174	ROCK RIVER WATER RECLAMATION DISTRICT 3333 KISHWAUKEE STREET P.O. BOX 7480 ROCKFORD, IL 61126 (815) 367-7660
COMCAST 4450 KISHWAUKEE STREET ROCKFORD, IL 61109 (815) 395-8977	NICOR GAS 300 WEST TERRA COTTA CRYSTAL LAKE, IL 60014 (815) 465-0271
SBC 301 EAST MILWAUKEE STREET JANESVILLE, WI 53545 (608) 755-5591	

RALSTON ROAD

STRUCTURAL DESIGN TRAFFIC: Year 2019
 PV = 16,541 SU = 1,316 MU = 940
 ROAD/STREET CLASSIFICATION: Class II
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 100 S = 100 M = 100
 TRAFFIC FACTOR: Actual TF = 5.12 AC Type = 10
 Minimum TF = 5.12
 PG GRADE: Binder = Top Lift PG 64-22, Lower Lifts PG 58-22
 Surface = PG 64-22
 Subgrade Support Rating:
 SSR = Poor (Sta. 1+00 to 16+14.02)

SUMMARY OF QUANTITIES & GENERAL NOTES

<p>Arnold Lundgren & Associates Professional Engineers and Land Surveyors Illinois Design Firm No. 154-003889 803 N. Church Street • Rockford, IL 61103 (815) 958-8881 • Fax (815) 952-6409</p>	DATE	05/17/06	REVISIONS
	BY	VRL	6-5-06 PER IDOT COMMENTS VRL
	APPROVED	RFA	3-5-06 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
	ORDER NO.	22475	3-30-06 REVISED PER RRWRD COMMENTS VRL



DETAILS & TYPICAL SECTIONS

Arnold Lundgren & Associates
 Professional Engineers and Land Surveyors
 Illinois Design Firm No. 184-002889
 803 N. Church Street • Rockford, IL 61103
 (815) 968-8881 • Fax (815) 962-6409
 www.arnoldlundgren.com

DATE: 05/17/06
 BY: VRL
 APPROVED: RFA
 ORDER NO.: 22475

REVISIONS:
 5-24-06 PER DOT COMMENTS VRL
 3-16-09 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
 4-22-09 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
 10-16-09 REVISED PER DOT COMMENTS VRL
 11-09-09 REVISED PER DOT COMMENTS VRL

THPL PVT MK LINE 12 85478

LOCATION	UNIT	REMARKS
RT 6+57	14	
RT 6+60	8	
RT 6+64	8	
RT 6+77	8	
RT 6+96	6	
RT 7+00	6	
RT 7+01	6	
RT 7+04	6	
RT 7+07	6	
LT 10+20	10	
PROJECT TOTAL	78	

TREE REMOV OVER 15

LOCATION	UNIT	REMARKS
RT 5+55	18	
RT 5+60	18	
RT 8+18	40	
LT 13+30	24	
PROJECT TOTAL	100	

EARTH EXCAVATION

LOCATION	CU YD	REMARKS
RALSTON RD	2960	
BLUEBONNET DR	493	
PROJECT TOTAL	3453	

TRENCH BACKFILL

LOCATION	CU YD	REMARKS
LT & RT 2+00	13	
LT 6+16	6	
RT 6+20	11	
LT 7+91	7	
RT 7+93	5	
RT 9+18	5	
RT 10+93	5	
LT 10+96	13	
RT 12+63	5	
LT 12+65	13	
LT 14+92	4	
RT 14+93	4	
LT & RT 24+06	15	
PROJECT TOTAL	106	

SEEDING CL 1A SPL

LOCATION	ACRE	REMARKS
RT 1+00 - 8+00	0.11	
LT 1+00 - 8+17	0.14	
RT 9+00 - 16+14	0.24	
LT 9+14 - 16+14	0.11	
RT 20+00 - 22+90	0.04	
LT 20+00 - 22+95	0.10	
RT 23+78 - 28+94	0.09	
LT 23+75 - 28+72	0.17	
PROJECT TOTAL	1	

TEMP DITCH CHECKS

LOCATION	FOOT	REMARKS
RT 20+00	15	
PROJECT TOTAL	15	

PERIMETER EROS BAR

LOCATION	FOOT	REMARKS
RT 1+00 - 8+00	704	
LT 1+00 - 8+17	714	
RT 9+00 - 16+14	748	
LT 9+14 - 16+14	647	
PROJECT TOTAL	2813	

INLET & PIPE PROTECT

LOCATION	EACH	REMARKS
LT & RT 2+00	2	
LT 6+18	1	
RT 6+22	1	
LT 7+91	1	
RT 7+93	1	
RT 9+18	1	
RT 10+94	1	
LT 11+03	1	
LT 14+92	1	
RT 14+93	1	
RT 12+62	1	
LT 12+65	1	
LT 19+89	1	
LT 21+18	1	
LT 22+15	1	
RT 24+12	1	
LT 24+39	1	
RT 24+78	1	
LT 25+21	1	
LT 26+11	1	
LT 27+00	1	
LT 27+78	1	
LT 28+75	1	
PROJECT TOTAL	25	

AGG BASE CSE B

LOCATION	TON	REMARKS
LT 1+45 - 8+27	329	
RT 1+45 - 8+37	614	
LT 8+83 - 15+69	596	
RT 8+80 - 15+69	347	
LT 20+00 - 23+02	167	
RT 20+00 - 23+02	113	
LT 23+66 - 28+72	177	
RT 23+66 - 28+72	231	
1+00-16+14 & 20+00-28+72	271	
RT 1+00-6+14	75	
RT 11+70-12+36	7	
PROJECT TOTAL	2927	

LOCATION	TON	REMARKS
1+00-16+14 & 20+00-28+72	2.80	
LT 1+45 - 8+27	0.70	
RT 1+45 - 8+37	1.10	
LT 8+83 - 15+69	1.00	
RT 8+80 - 15+69	0.70	
LT 20+00 - 22+99	0.35	
RT 20+00 - 23+08	0.25	
LT 23+60 - 28+72	0.35	
RT 23+67 - 28+72	0.45	
1+00-16+14 & 20+00-28+72	0.30	
PROJECT TOTAL	8	

AGG PR CT

LOCATION	TON	REMARKS
1+00-16+14 & 20+00-28+72	7	
PROJECT TOTAL	7	

LEVEL BIND MM N50

LOCATION	TON	REMARKS
20+25 - 23+00	26	
PROJECT TOTAL	26	

LEVEL BIND MM N70

LOCATION	TON	REMARKS
1+25 - 4+50	157	
PROJECT TOTAL	157	

HMA SURF REM BUTT JT

LOCATION	SQ YD	REMARKS
1+00 - 1+15	43	
15+84 - 16+14	87	
20+00 - 20+15	43	
28+57 - 28+72	27	
PROJECT TOTAL	199	

TEMPORARY RAMP

LOCATION	SQ YD	REMARKS
1+00 - 1+05	15	
15+09 - 16+14	15	
20+10 - 20+15	15	
28+67 - 28+72	13	
PROJECT TOTAL	58	

HMA BC IL-12.5 N50

LOCATION	TON	REMARKS
RT 1+00 - 6+14	83	
RT 11+70 - 12+36	8	
LT 20+00 - 23+02	25	
RT 20+00 - 23+02	17	
LT 23+66 - 28+72	26	
RT 23+66 - 28+72	34	
PROJECT TOTAL	193	

HMA BC IL-19.0 N70

LOCATION	TON	REMARKS
LT 1+45 - 8+27	288	
RT 1+45 - 8+37	548	
LT 8+83 - 15+69	549	
RT 8+80 - 15+69	320	
PROJECT TOTAL	1705	

HMA SC "C" N50

LOCATION	TON	REMARKS
LT & RT 20+00 - 23+02	112	
LT & RT 23+66 - 28+72	177	
RT 1+00 - 6+14	28	
RT 11+70 - 12+36	3	
PROJECT TOTAL	320	

HMA SC "D" N70

LOCATION	TON	REMARKS
LT & RT 1+00 - 16+14	644	
PROJECT TOTAL	644	

INCIDENTAL HMA SURF

LOCATION	TON	REMARKS
1+00-16+14 & 20+00-28+72	47	
PROJECT TOTAL	47	

PCC DRIVEWAY PAVT 6

LOCATION	SQ YD	REMARKS
LT 1+23	25	
LT 1+56	28	
LT 3+76	24	
LT 4+67	24	
LT 5+97	28	
LT 12+11	40	
LT 13+14	40	
LT 13+87	52	
LT 16+07	42	
LT 26+64	45	
PROJECT TOTAL	348	

PC CONC SIDEWALK 4

LOCATION	SQ FT	REMARKS
LT 15+69	89	
PROJECT TOTAL	89	

DRIVE PAVEMENT REM

LOCATION	SQ YD	REMARKS
LT 26+64	54	
PROJECT TOTAL	54	

LOCATION	FOOT	REMARKS
LT 1+00 - 8+05	705	
RT 1+00 - 8+23	701	
LT 9+04 - 16+14	710	
RT 8+78 - 16+14	738	
PROJECT TOTAL	2854	

SIDEWALK REM

LOCATION	SQ FT	REMARKS
LT 14+70	96	
LT 15+69	96	
PROJECT TOTAL	192	

STRIP REF CR CON TR A

LOCATION	FOOT	REMARKS
LT 1+45 - 8+27	700	
RT 1+45 - 8+37	693	
LT 8+83 - 15+69	692	
RT 8+80 - 15+69	701	
PROJECT TOTAL	2786	

PIPE CULVERT REMOV

LOCATION	FOOT	REMARKS
LT 21+00	22	
LT 22+00	21	
LT 24+78	20	
LT 25+66	21	
LT 26+64	29	
LT 27+63	20	
LT 28+62	21	
PROJECT TOTAL	154	

P CUL 1 CS/A CP 15

LOCATION	FOOT	REMARKS
LT 21+00	30	
PROJECT TOTAL	30	

P CUL 1 CS/A EQ RS 15

LOCATION	FOOT	REMARKS
LT 22+00	25	
LT 27+63	25	
LT 28+62	27	
PROJECT TOTAL	78	

PRC FLAR END SEC 15

LOCATION	EACH	REMARKS
RT 24+78	1	
LT 27+00	1	
PROJECT TOTAL	2	

STORM SEW CLA 1 12

LOCATION	FOOT	REMARKS
LT & RT 2+00	34	
LT 6+18	9	
RT 6+22	21	
LT 7+91	16	
RT 7+93	21	
RT 9+18	11	
RT 10+94	8	
LT 11+03	27	
RT 12+62	8	
LT 12+65	10	
LT 14+92	2	
RT 14+93	3	
PROJECT TOTAL	170	

STORM SEW CLA 1 15

LOCATION	FOOT	REMARKS
LT 7+91	16	
LT 7+91 - 8+35	57	
LT & RT 24+04	51	
LT 24+00-24+39	39	
RT 24+10-24+78	60	
LT 24+39-25+21	82	
LT 25+21-26+11	98	
LT 26+11-27+00	81	
PROJECT TOTAL	484	

STORM SEWER REM 12

LOCATION	FOOT	REMARKS
LT 7+90	6	
LT 7+90-8+20	62	
LT 8+20-8+33	25	
LT 8+20-8+79	59	
LT 10+89	7	
PROJECT TOTAL	159	

INLETS TA T8G

LOCATION	EACH	REMARKS
LT 24+39	1	
LT 25+21	1	
LT 26+11	1	
PROJECT TOTAL	3	

INLETS SPL

LOCATION	EACH	REMARKS
RT 2+00	1	
RT 6+18	1	
RT 14+93	1	
PROJECT TOTAL	3	

INLETS SPL N2

LOCATION	EACH	REMARKS
LT 2+00	1	
LT 6+18	1	
LT 7+91	1	
RT 7+93	1	
RT 9+18	1	
RT 10+84	1	
LT 11+03	1	
RT 12+62	1	
LT 12+65	1	
LT 14+92	1	
LT 24+00	1	
RT 24+10	1	
PROJECT TOTAL	12	

LOCATION	EACH	REMARKS
LT 0+91	1	
LT 3+90	1	
LT 6+83	1	
LT 7+90	1	
LT 8+57	1	
LT 9+18	1	
LT 10+84	1	
LT 10+89	1	
LT 12+65	1	
LT 13+07	1	
RT 22+49	1	
LT 28+15	1	
PROJECT TOTAL	12	

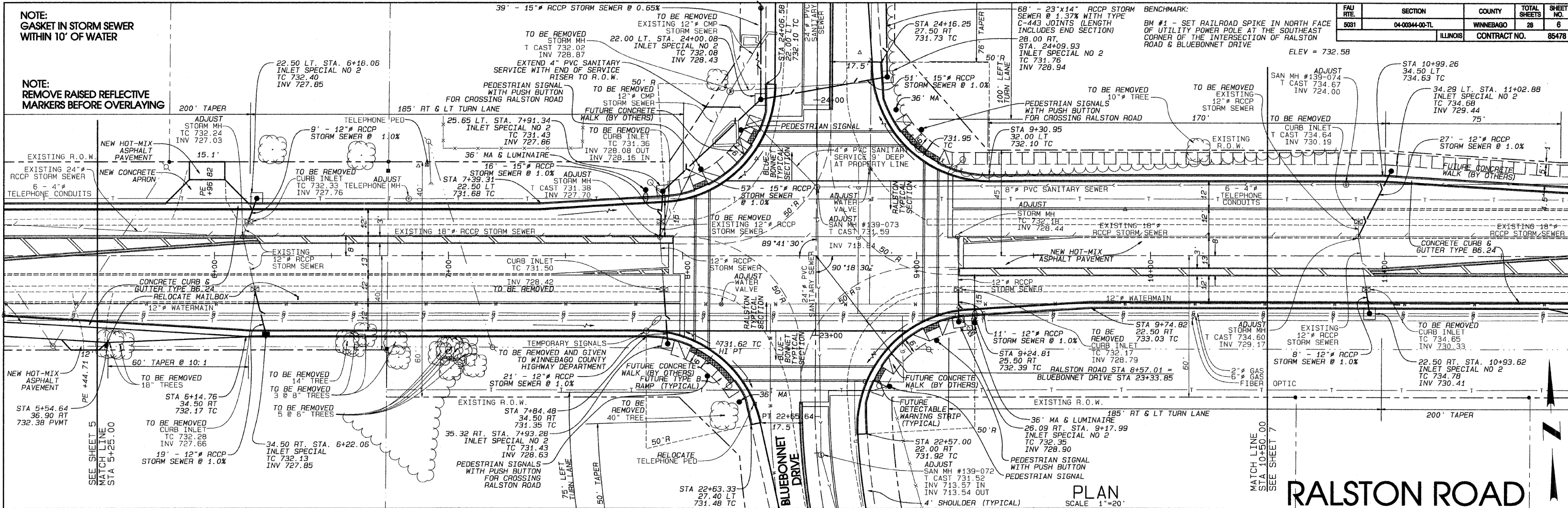
VALVE BOX ADJ

LOCATION	EACH	REMARKS
LT 3+83	1	
RT 8+17	1	
LT 8+80	1	
RT 13+39	1	
LT 22+27	1	
PROJECT TOTAL	5	

NOTE: GASKET IN STORM SEWER WITHIN 10' OF WATER

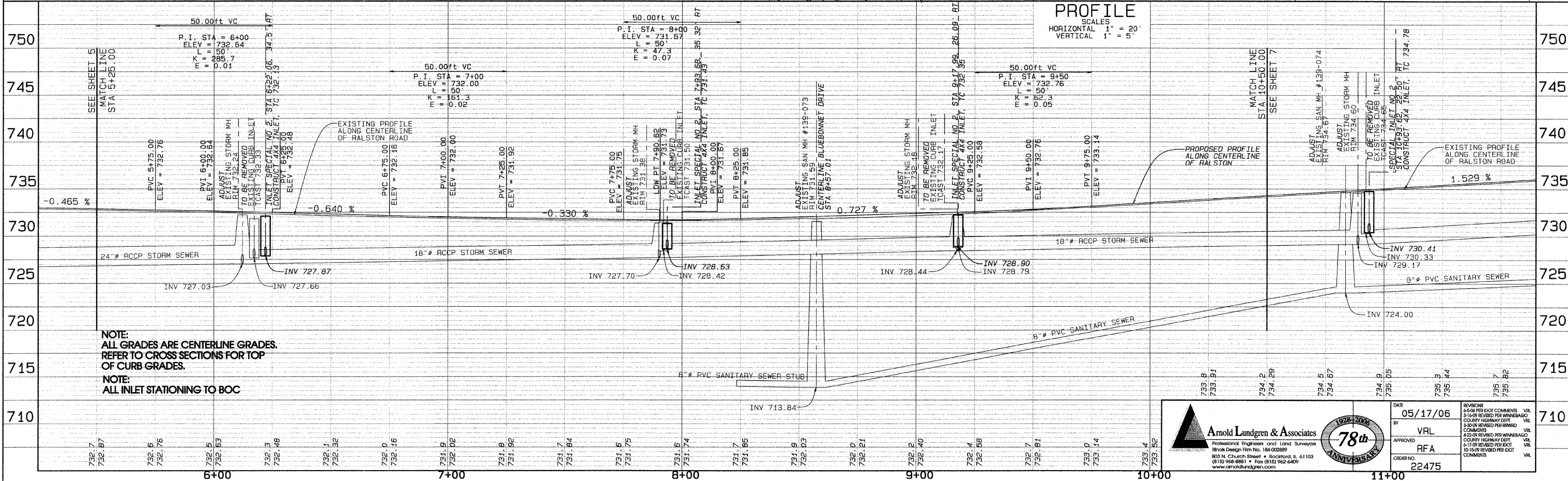
NOTE: REMOVE RAISED REFLECTIVE MARKERS BEFORE OVERLAYING

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5081	04-00344-00-TL	WINNEBAGO	28	6
ILLINOIS CONTRACT NO.			85478	



PLAN SCALE 1"=20'

RALSTON ROAD



PROFILE SCALE HORIZONTAL 1"=20' VERTICAL 1"=5'

NOTE: ALL GRADES ARE CENTERLINE GRADES. REFER TO CROSS SECTIONS FOR TOP OF CURB GRADES.

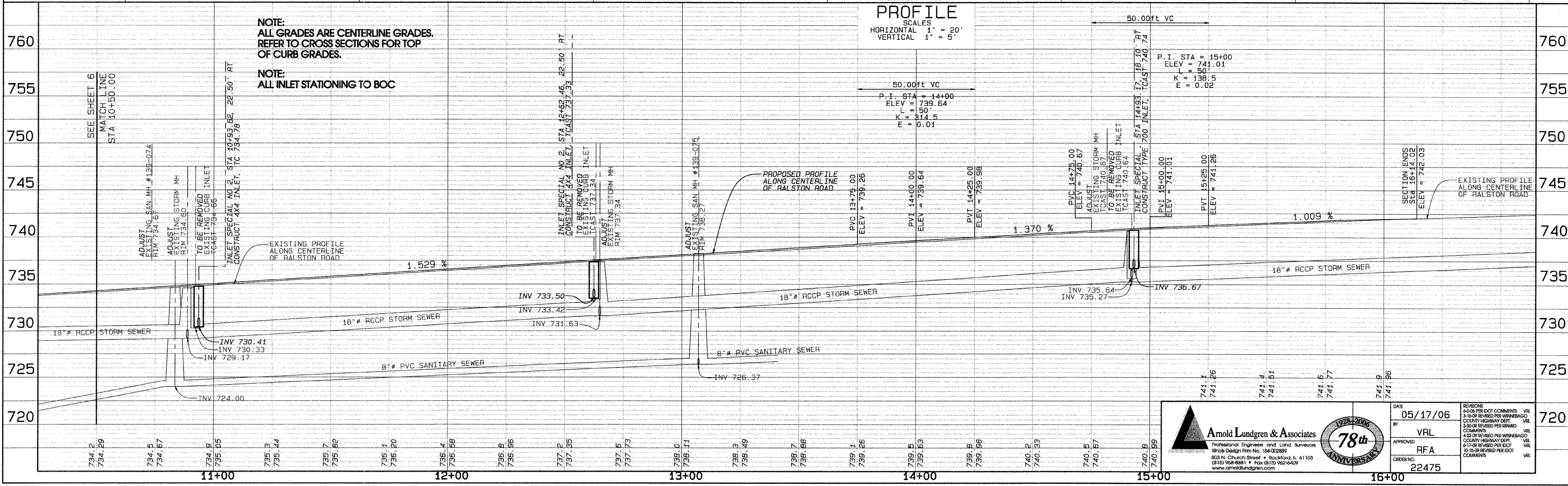
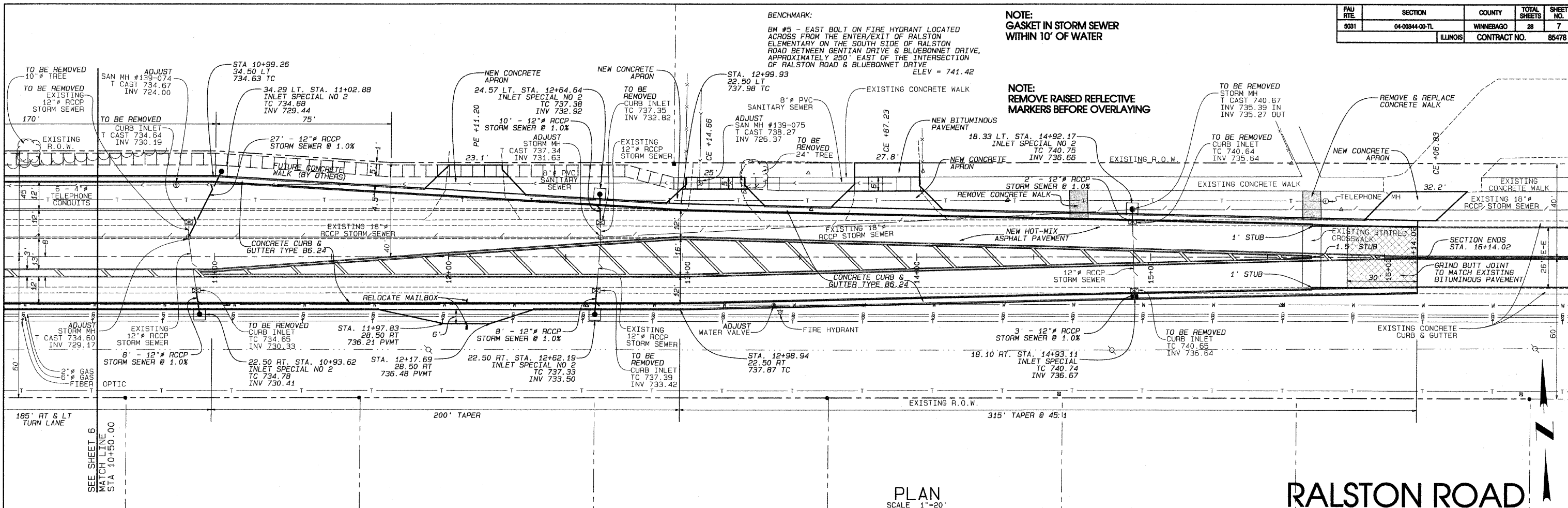
NOTE: ALL INLET STATIONING TO BOC

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(815) 968-8881 • Fax (815) 962-8469
www.arnoldlundgren.com

DATE: 05/17/06
BY: VRL
APPROVED: RFA
ORDER NO.: 22475

REVISIONS:
05-09 PER DOT COMMENTS VRL
3-16-09 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. RFA
3-30-09 REVISED PER FORWARD COMMENTS VRL
4-20-09 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
6-11-09 REVISED PER DOT COMMENTS VRL
10-15-09 REVISED PER DOT COMMENTS VRL

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5031	04-00344-00-TL	WINNEBAGO	28	7
ILLINOIS			CONTRACT NO.	85478



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78th ANNIVERSARY

DATE: 05/17/06
BY: VRL
APPROVED: RFA
ORDER NO.: 22475

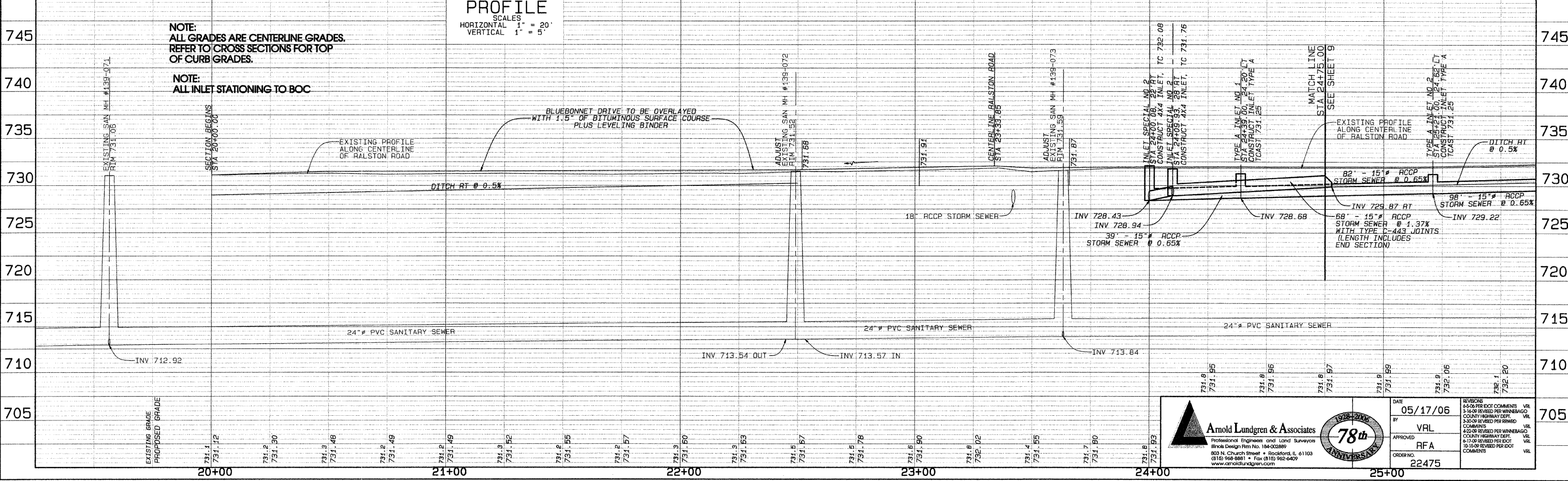
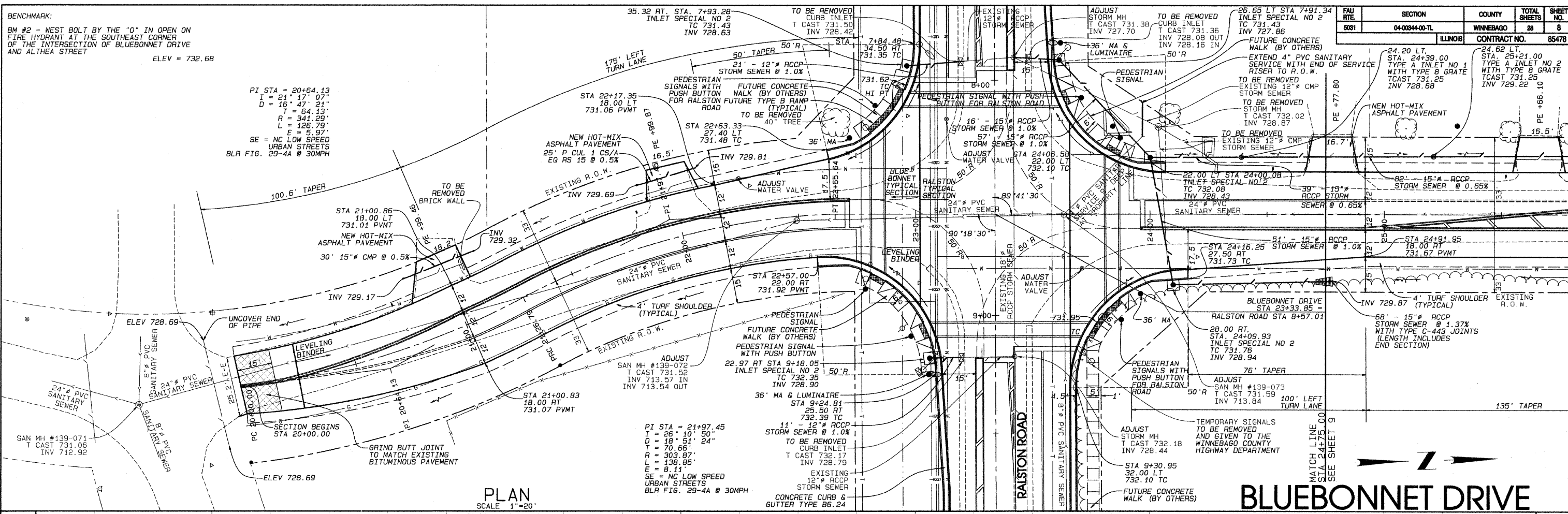
REVISIONS:
1-16-06 PER DOT COMMENTS VRL
3-16-06 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
5-30-06 REVISED PER ROAD COMMENTS VRL
4-22-07 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
6-11-07 REVISED PER DOT VRL
10-15-07 REVISED PER DOT COMMENTS VRL

BENCHMARK:
 BM #2 - WEST BOLT BY THE "O" IN OPEN ON
 FIRE HYDRANT AT THE SOUTHEAST CORNER
 OF THE INTERSECTION OF BLUEBONNET DRIVE
 AND ALTHEA STREET
 ELEV = 732.68

PI STA = 20+64.13
 L = 21' 17' 07"
 D = 16' 47' 21"
 T = 64.13'
 R = 341.29'
 L = 126.79'
 E = 5.97'
 SE = NC LOW SPEED
 URBAN STREETS
 BLR FIG. 29-4A @ 30MPH

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5081	04-00844-00-TL	WINNEBAGO	28	8

ILLINOIS CONTRACT NO. 85478



NOTE:
 ALL GRADES ARE CENTERLINE GRADES.
 REFER TO CROSS SECTIONS FOR TOP
 OF CURB GRADES.

NOTE:
 ALL INLET STATIONING TO BOC

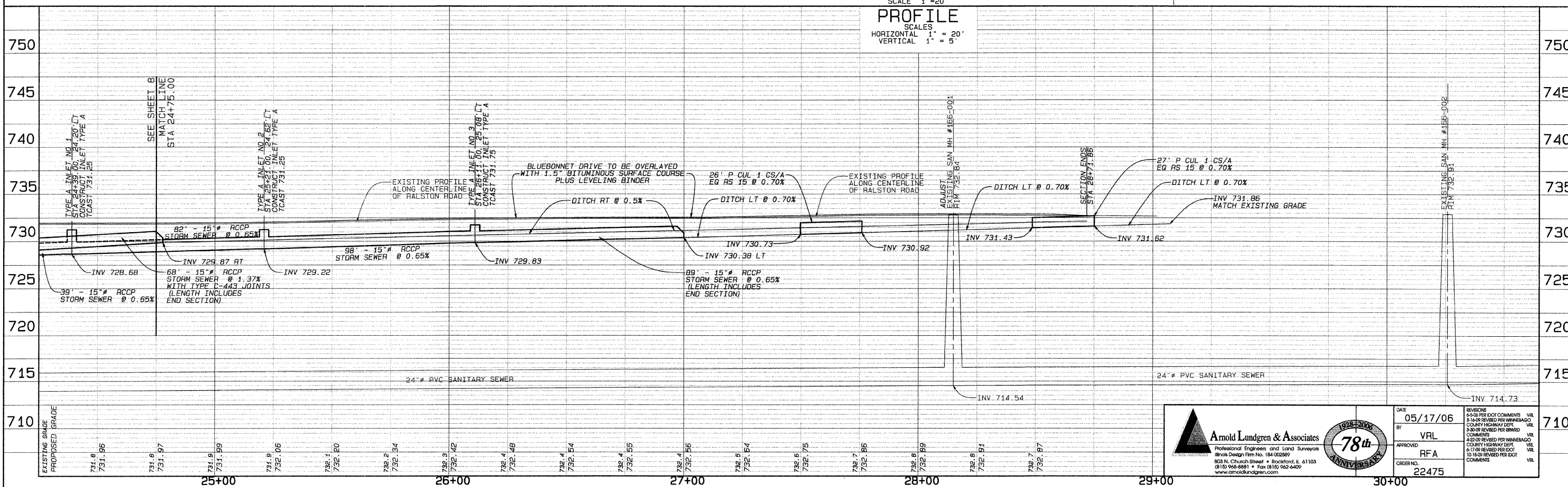
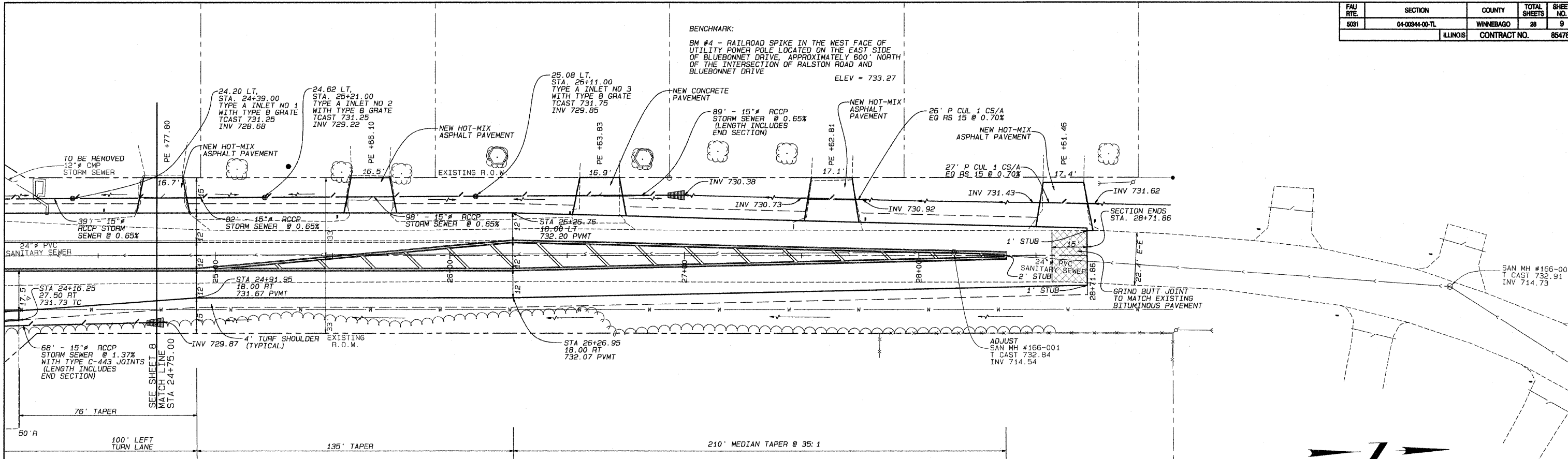
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78th ANIVERSARY

DATE: 05/17/06
 BY: VRL
 APPROVED: RFA
 ORDER NO.: 22475

REVISIONS:
 10-09 PER DOT COMMENTS VRL
 3-16-09 REVISED PER WINNEBAGO VRL
 COUNTY HIGHWAY DEPT. VRL
 3-30-09 REVISED PER WINNEBAGO VRL
 COUNTY HIGHWAY DEPT. VRL
 4-22-09 REVISED PER WINNEBAGO VRL
 COUNTY HIGHWAY DEPT. VRL
 6-17-09 REVISED PER DOT VRL
 10-15-09 REVISED PER DOT VRL
 COMMENTS VRL

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5031	04-00344-00-TL	WINNEBAGO	28	9
ILLINOIS			CONTRACT NO.	85478



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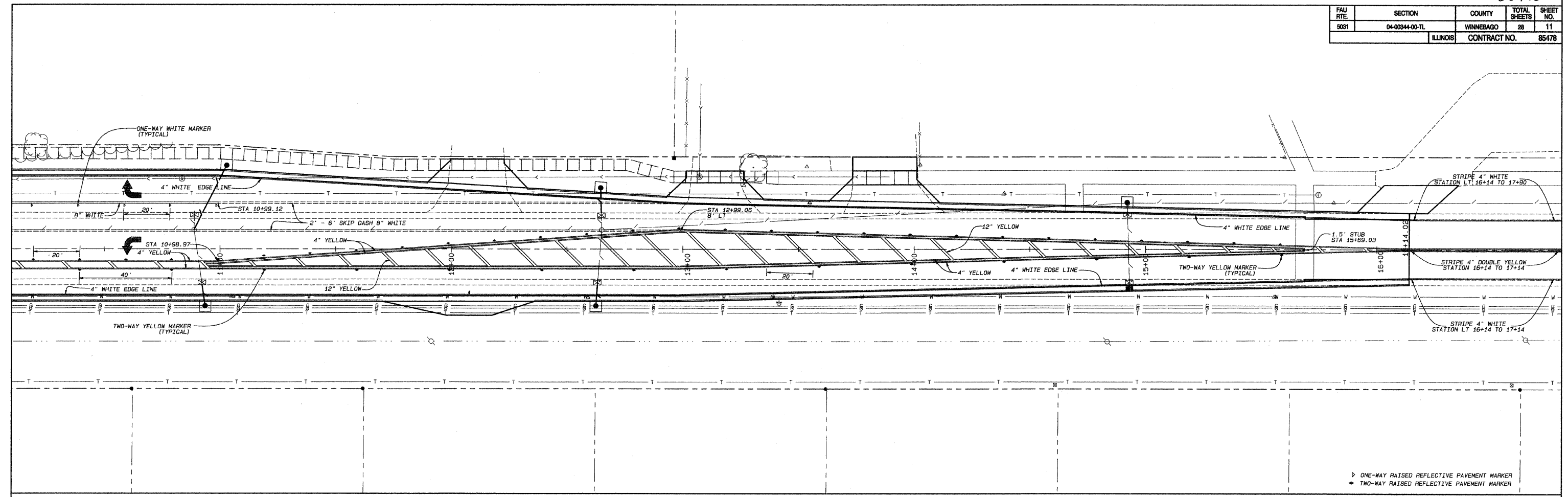
78th
 ANNIVERSARY

DATE: 05/17/06
 BY: VRL
 APPROVED: RFA
 ORDER NO.: 22475

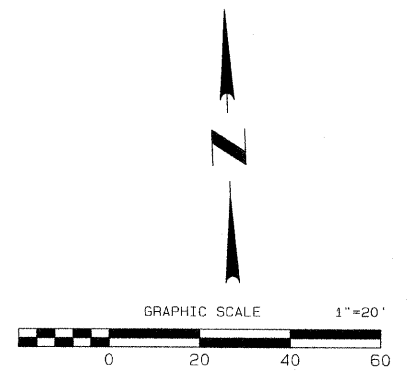
REVISIONS:
 6-5-06 PER DOT COMMENTS VRL
 8-16-07 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
 3-30-07 REVISED PER BROWARD COUNTY VRL
 4-22-07 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
 6-17-07 REVISED PER DOT COMMENTS VRL
 10-16-07 REVISED PER DOT COMMENTS VRL

85478

FAU RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5031	04-00344-00-TL	WINNEBAGO	28	11
ILLINOIS			CONTRACT NO.	85478



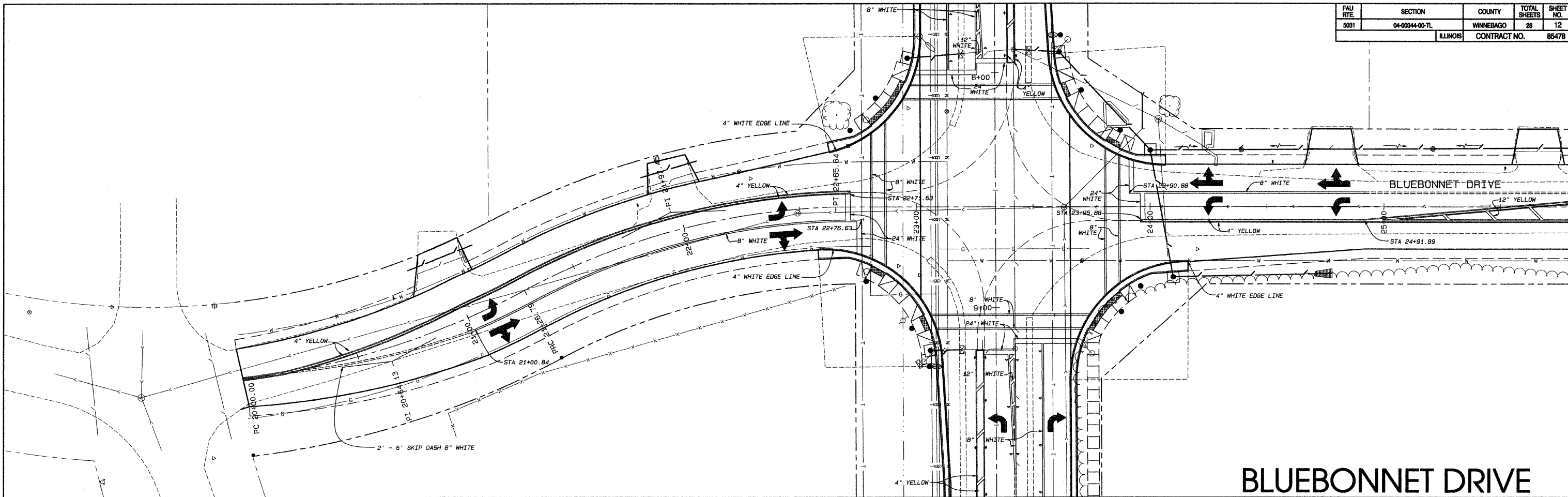
RALSTON ROAD



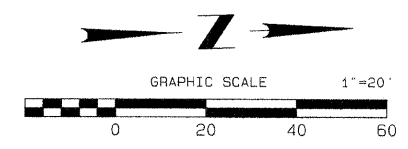
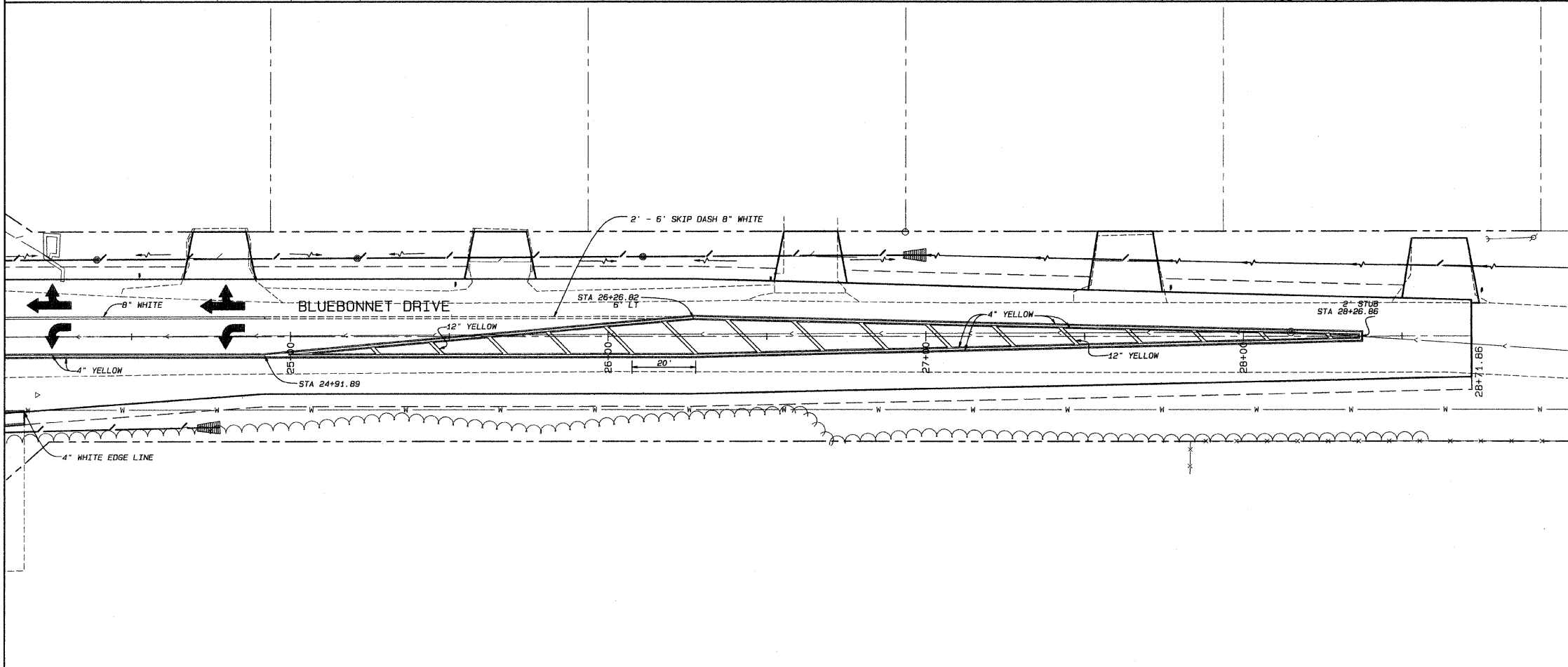
STRIPING PLAN

	DATE	05/17/06	REVISIONS
	BY	VRL	5-16-06 PER DOT COMMENTS VRL
	APPROVED	RFA	5-16-06 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
	ORDR. NO.	22475	4-22-06 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
			10-16-09 REVISED PER DOT COMMENTS VRL
			11-09-09 REVISED PER DOT COMMENTS VRL

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5031	04-00344-00-TL	WINNEBAGO	28	12
ILLINOIS			CONTRACT NO.	85478



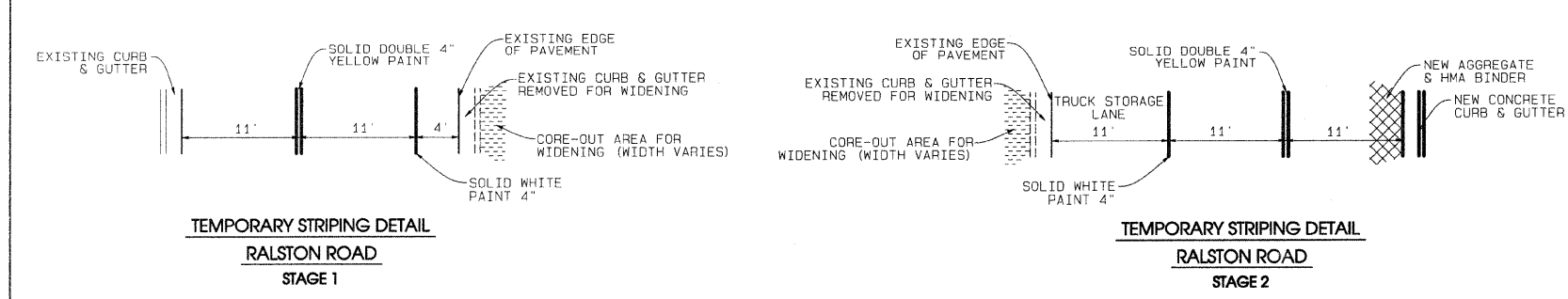
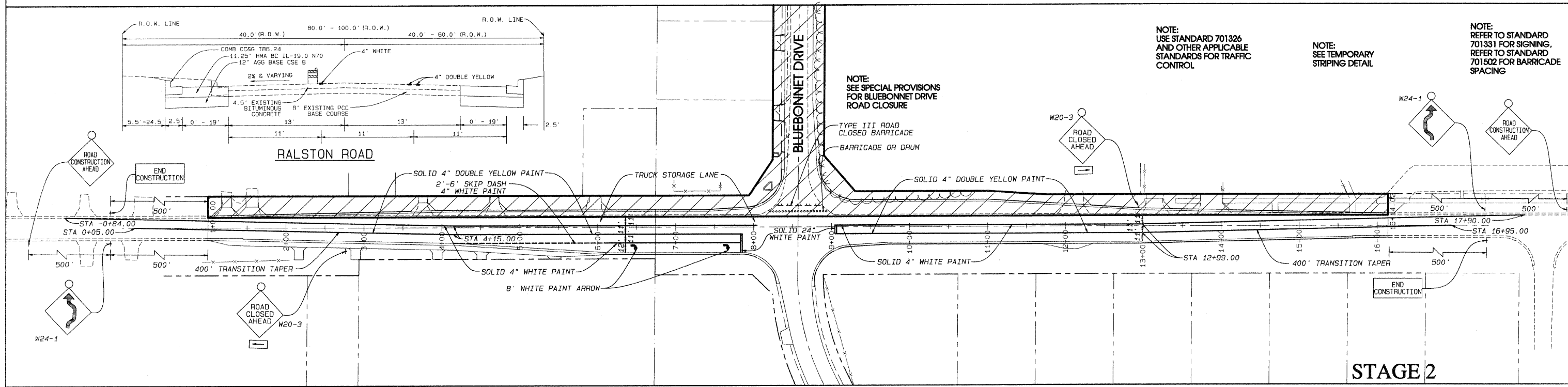
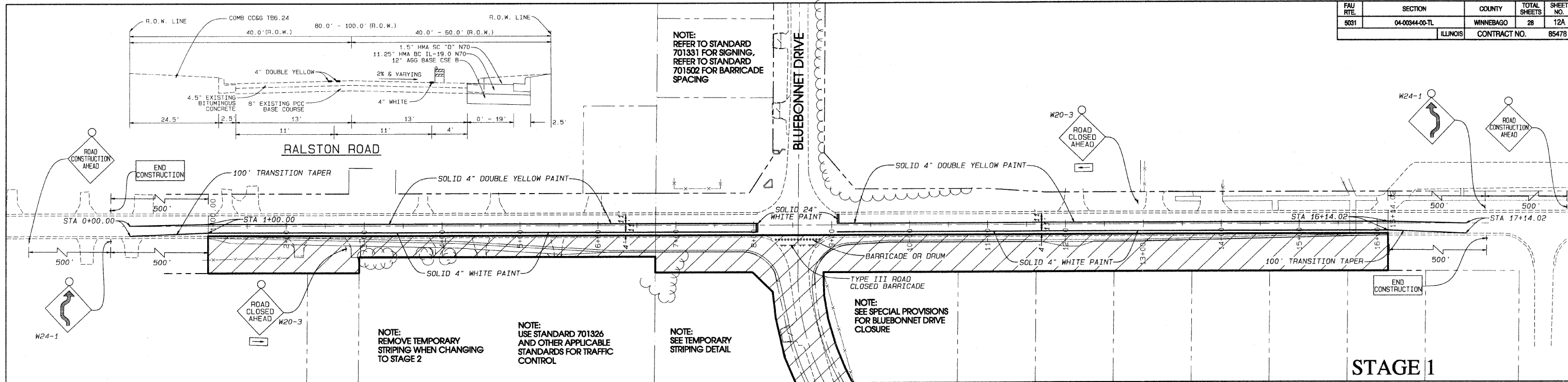
BLUEBONNET DRIVE



STRIPING PLAN

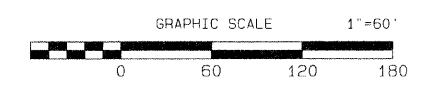
<p>Arnold Lundgren & Associates Professional Engineers and Land Surveyors Illinois Design Firm No. 184-022895 803 N. Church Street • Rockford, IL 61103 (815) 968-8881 • Fax (815) 962-6409 www.arnoldlundgren.com</p>		DATE 05/17/06 BY VRL APPROVED RFA ORDER NO. 22475	REVISIONS 5-8-06 PER IDOT COMMENTS VRL 3-16-07 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL 1-22-09 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL 10-18-09 REVISED PER IDOT COMMENTS VRL
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FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5031	04-00944-00-TL	WINNEBAGO	28	12A
		ILLINOIS	CONTRACT NO.	85478



NOTE: CONTRACTOR TO PROVIDE WINNEBAGO COUNTY WITH A DETOUR PLAN FOR BLUEBONNET DRIVE CLOSURE. A MINIMUM TWO WEEKS PRIOR TO THE START OF CONSTRUCTION

NOTE: DO NOT PLACE PAINT TEMPORARY STRIPING ON ANY FINAL SURFACE



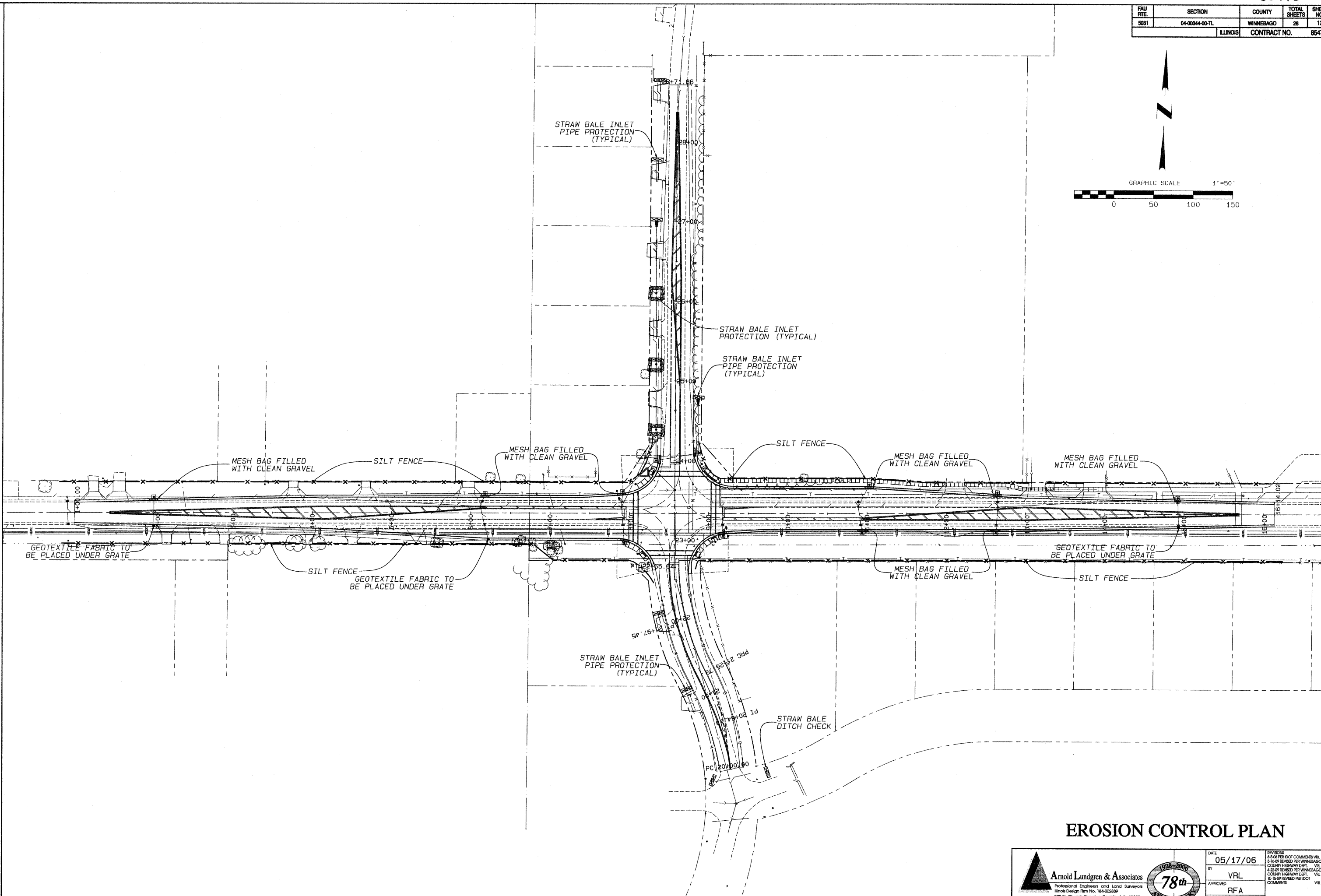
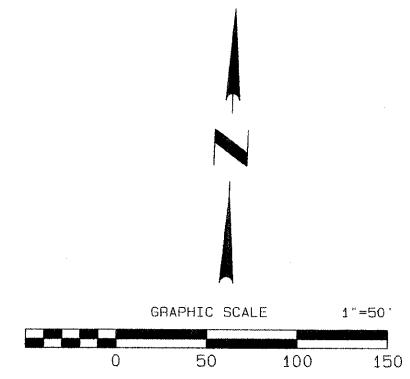
RALSTON ROAD STAGING PLAN

STAGE 3: CONTRACTOR TO USE STANDARD 701502 CASE II WHEN PAVING THE SURFACE COURSE FOR THE THROUGH LANES AND RIGHT TURN LANES. STANDARD 701601 WILL BE USED WHEN PAVING THE SURFACE COURSE FOR THE MEDIAN AND LEFT TURN BAYS. PLACE SHORT TERM PAVEMENT MARKINGS ON THE FINAL SURFACE.

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DATE	05/17/06	REVISIONS	11:00-00 ADDED STAGING SHEET VRL
BY	VRL	PERIOD COMMENTS	VRL
APPROVED	RFA	11:30-00 REVISED STAGING SHEET	VRL
ORDER NO.	22475	PERIOD COMMENTS	VRL

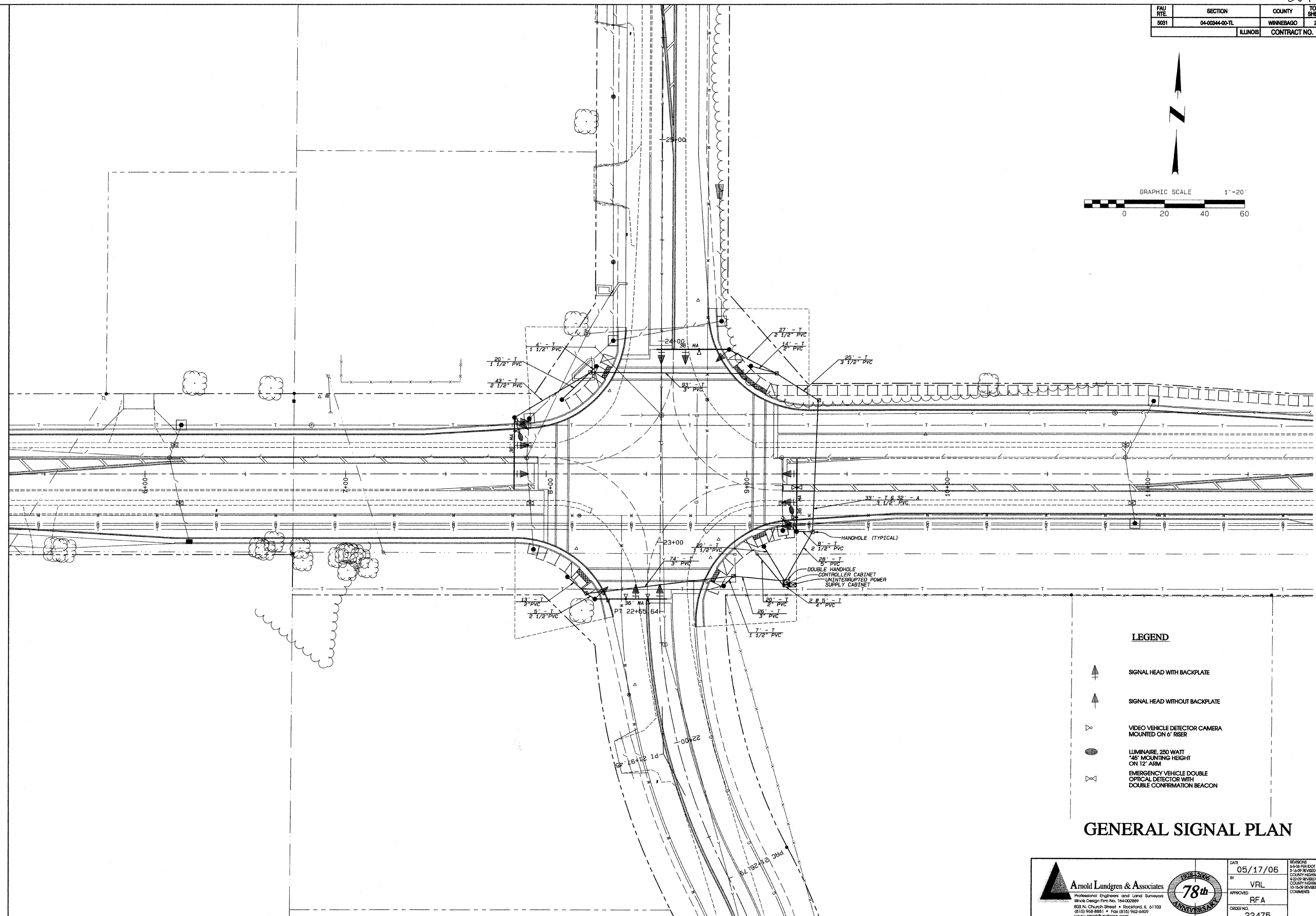
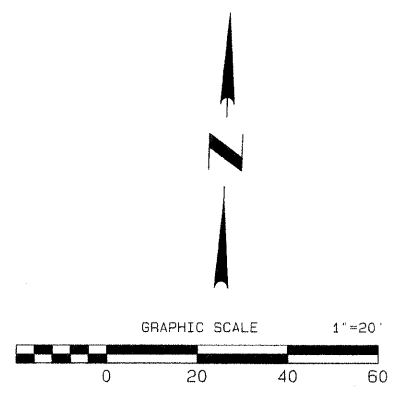
FAU RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5031	04-00344-00-TL	WINNEBAGO	28	13
ILLINOIS			CONTRACT NO.	85478








EROSION CONTROL PLAN

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	BY	VRL	3-16-06 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
	APPROVED	RFA	4-22-06 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
	ORDER NO.	22475	10-18-09 REVISED PER DOT COMMENTS VRL


FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5031	04-0344-00-TL	WINNEBAGO	28	14
ILLINOIS			CONTRACT NO.	85478



LEGEND

-  SIGNAL HEAD WITH BACKPLATE
-  SIGNAL HEAD WITHOUT BACKPLATE
-  VIDEO VEHICLE DETECTOR CAMERA MOUNTED ON 6' RISER
-  LUMINAIRE, 250 WATT 425' MOUNTING HEIGHT ON 12' ARM
-  EMERGENCY VEHICLE DOUBLE OPTICAL DETECTOR WITH DOUBLE CONFIRMATION BEACON

GENERAL SIGNAL PLAN

 <p>Arnold Lundgren & Associates Professional Engineers and Land Surveyors Inkole Design Firm No. 184-02889 600 N. Church Street • Rockford, IL 61103 (815) 958-8881 • Fax: (815) 958-8609 www.arnoldlundgren.com</p>	DATE	05/17/06	REVISIONS
	BY	VRL	3-5-06 PER DOT COMMENTS VRL
	APPROVED	RFA	3-16-06 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
	ORDER NO.	22475	4-22-06 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL

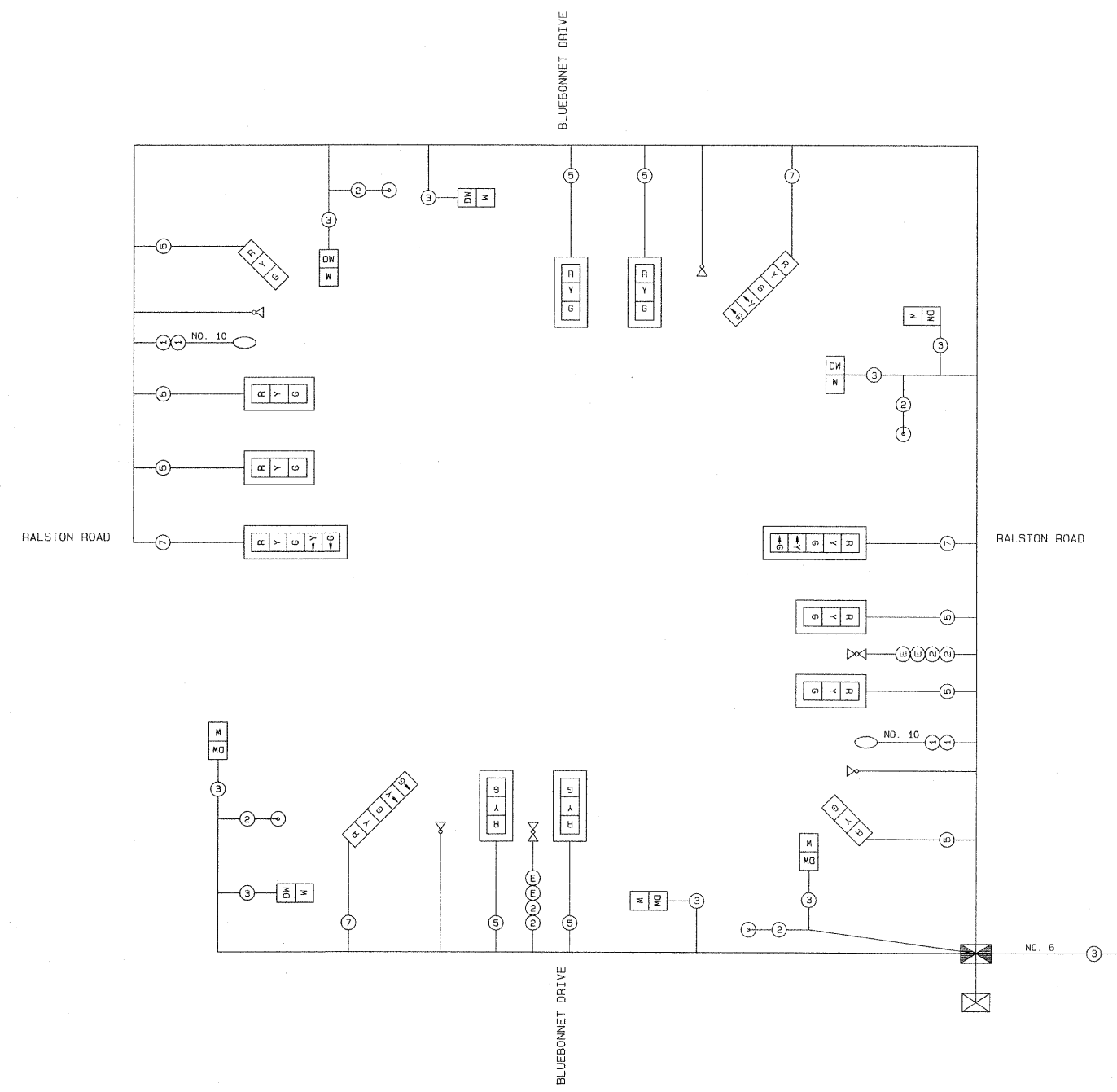
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9081	04-00344-00-TL	WINNEBAGO	28	15
ILLINOIS CONTRACT NO.			85478	

CABLE PLAN

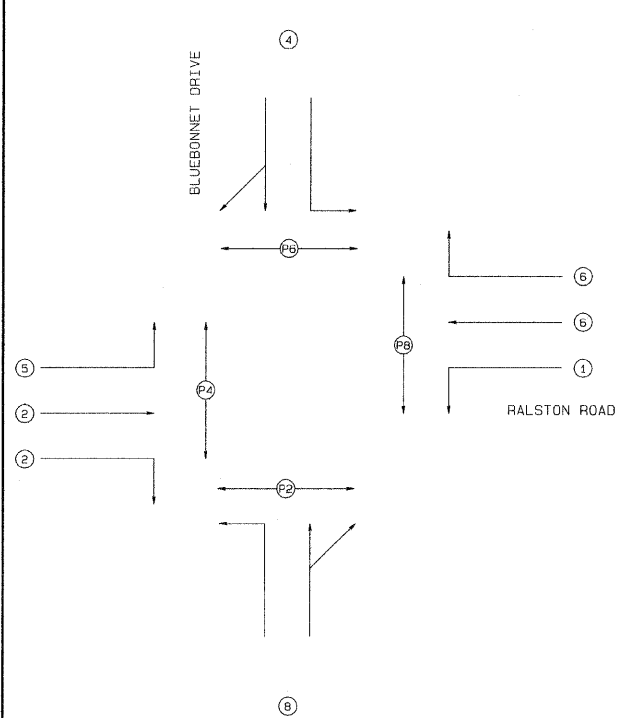
TABLE OF QUANTITIES

Pay Item No.	Description Abbreviation	Unit	Quantity
72000200	SIGN PANEL T2	90 FT	33
80500200	SERV INSTALL TY B	EACH	1
81012600	CON T 2 PVC	FOOT	98
81012700	CON T 2 1/2 PVC	FOOT	83
81012800	CON T 3 PVC	FOOT	193
81012900	CON T 3 1/2 PVC	FOOT	58
81013000	CON T 4 PVC	FOOT	38
81021580	CON AUGERED 3 1/2 PVC	FOOT	32
81400100	HANDHOLE	EACH	6
81400300	DBL HANDHOLE	EACH	1
81702110	EC C XLP USE 1C 10	FOOT	475
81900200	TR & BKFL F ELECT WK	FOOT	470
82103250	LUM SV HOR MT PC 250W	EACH	2
85700200	FAC T4 CAB	EACH	1
86200200	UNINTER POWER SUP STD	EACH	1
87301215	ELCBL C SIGNAL 14 2C	FOOT	667
87301225	ELCBL C SIGNAL 14 3C	FOOT	1403
87301245	ELCBL C SIGNAL 14 5C	FOOT	2097
87301255	ELCBL C SIGNAL 14 7C	FOOT	824

Pay Item No.	Description Abbreviation	Unit	Quantity
87301815	ELCBL C SERV 6 3C	FOOT	47
87502240	TS POST PS 9	EACH	6
87700220	S MAA & P 36	EACH	2
87702910	STL COMB MAA&P 36	EACH	2
87800100	CONC FDN TY A	FOOT	18
87800150	CONC FDN TY C	FOOT	3
87800400	CONC FDN TY E 30D	FOOT	60
88040070	SH P LED 1F 3S BM	EACH	2
88040090	SH P LED 1F 3S MAM	EACH	8
88040150	SH P LED 1F 5S BM	EACH	2
88040160	SH P LED 1F 5S MAM	EACH	2
88102717	PED SH LED 1F BM CDT	EACH	8
88200410	TS BACKPLATE L F PLAS	EACH	10
88800100	PED PUSH-BUTTON	EACH	4
89502500	REM TEMP TR SIG INST	EACH	1
X0320837	EM VEH PR SY DUAL D U	EACH	2
X0320872	VIDEO VEH DET SYS	EACH	1
XX003163	EM VEH PR SY	EACH	1
XX003164	EM VEH PR SY LI CBL C	FOOT	281



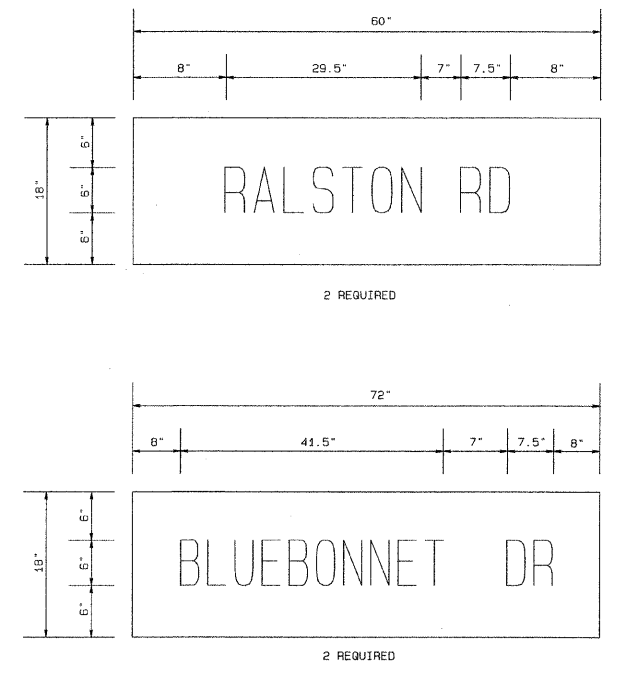
PHASE DESIGNATION



LEGEND

- (X) VEHICULAR PHASE NO. X
 - (PX) PEDESTRIAN PHASE NO. X
- REFER TO IDOT STANDARD 857001

STREET SIGN PANELS



LEGEND

- (X) NUMBER OF NEW CONDUCTORS. ALL CABLE IS NO. 14 UNLESS OTHERWISE NOTED. *P INDICATES PAIR CABLE.
- [RYG] SIGNAL HEAD WITH BACKPLATE
- [RYG] SIGNAL HEAD WITHOUT BACKPLATE
- [X] VIDEO VEHICLE DETECTOR CAMERA
- [CAB] CONTROLLER CABINET
- (PB) PEDESTRIAN PUSH BUTTON
- [DK] COUNTDOWN PEDESTRIAN SIGNAL HEAD
- (LUM) LUMINAIRE, 250 WATT '45' MOUNTING HEIGHT ON 12' ARM
- [X] EMERGENCY VEHICLE DOUBLE OPTICAL DETECTOR WITH DOUBLE CONFIRMATION BEACON
- [CAB] UNINTERRUPTED POWER SUPPLY CABINET

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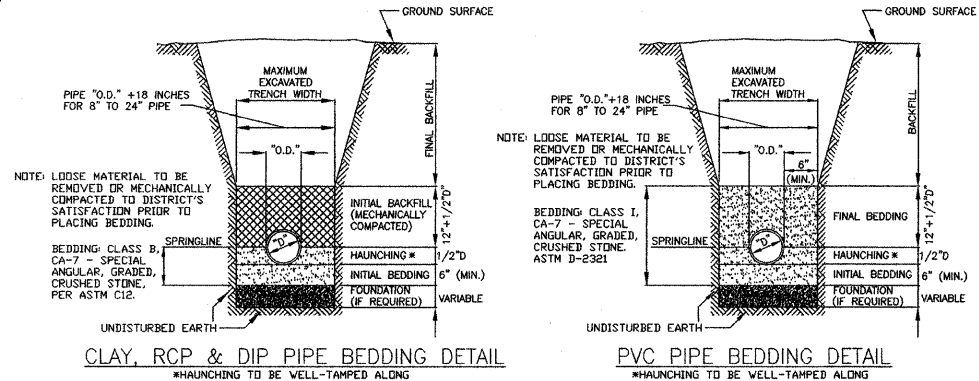
DATE: 05/17/06

BY: VRL

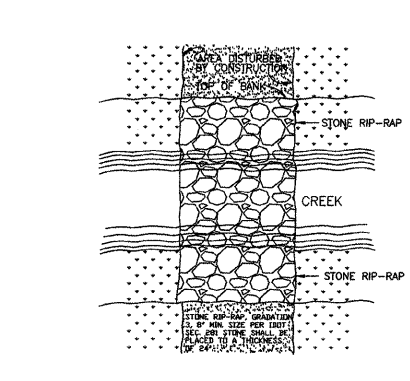
APPROVED: RFA

ORDER NO.: 22475

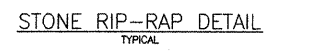
REVISIONS:
 6-5-06 PER IDOT COMMENTS VRL
 3-14-06 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
 4-22-06 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
 10-15-06 REVISED PER IDOT COMMENTS VRL
 11-09-06 REVISED PER IDOT COMMENTS VRL



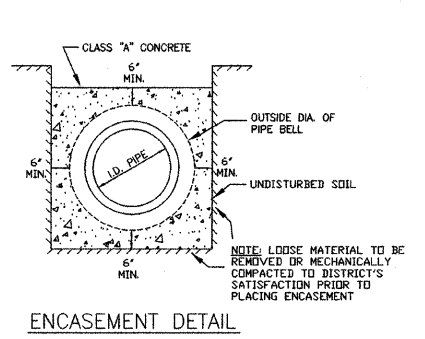
CLAY, RCP & DIP PIPE BEDDING DETAIL



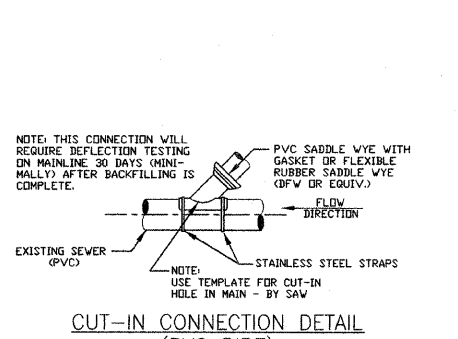
PVC PIPE BEDDING DETAIL



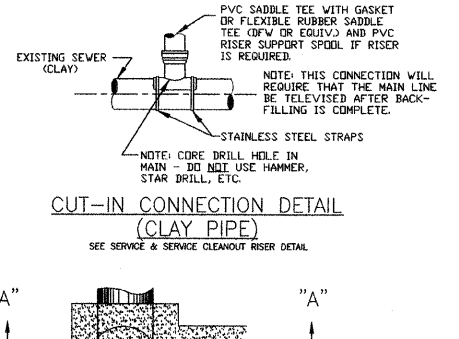
STONE RIP-RAP DETAIL



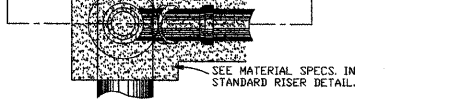
ENCASEMENT DETAIL



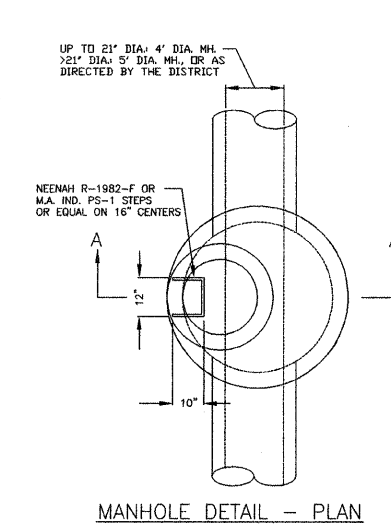
CUT-IN CONNECTION DETAIL (CLAY PIPE)



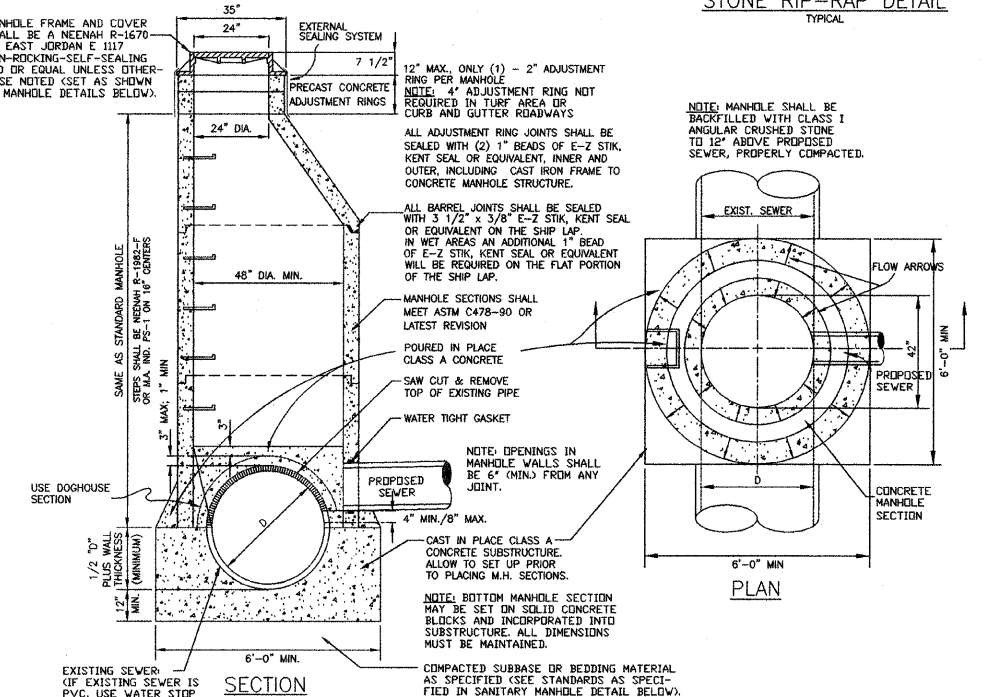
CUT-IN CONNECTION DETAIL (PVC PIPE)



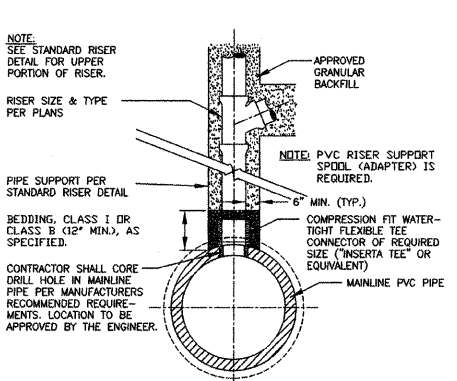
PLAN VIEW (RISER DETAIL)



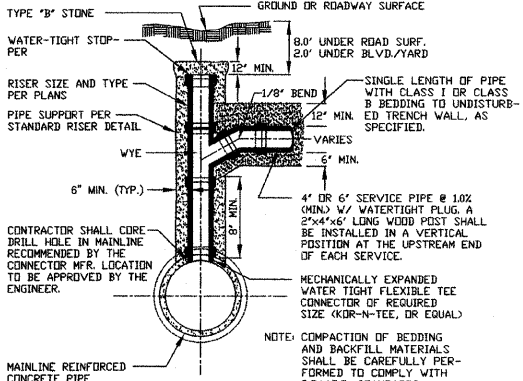
MANHOLE DETAIL - PLAN



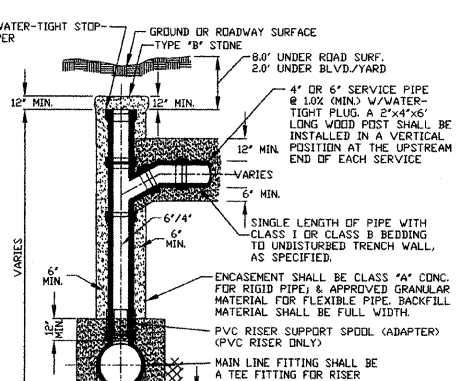
MANHOLE CONSTRUCTED OVER EXISTING SEWER



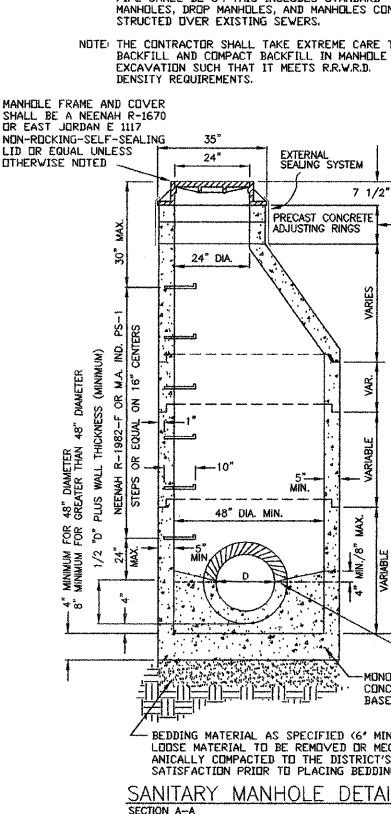
SERVICE CONNECTION FOR PVC TRUNK SEWER



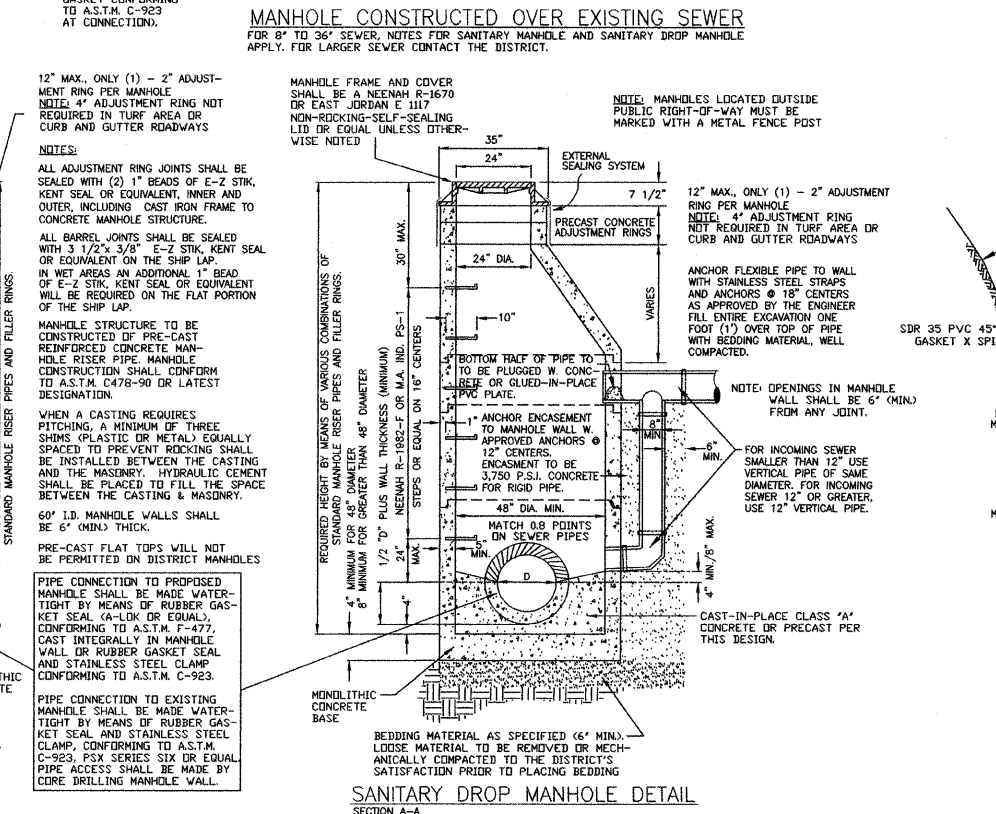
SERVICE CONNECTION DETAIL FOR RCP



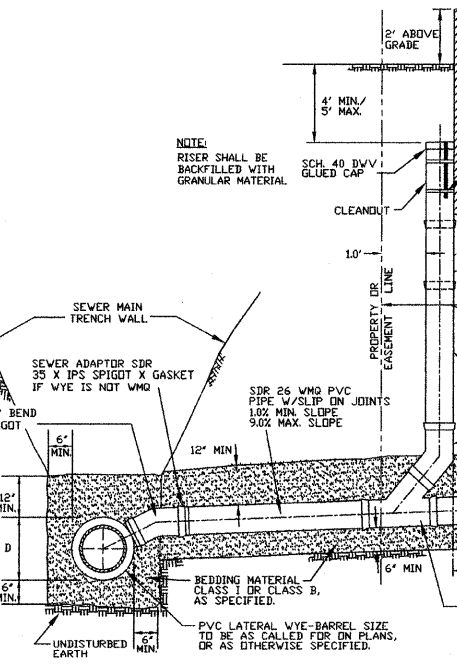
STANDARD RISER DETAIL



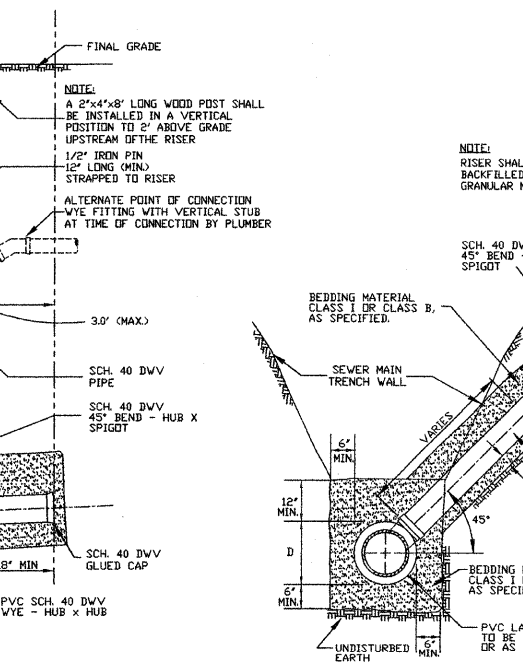
SANITARY MANHOLE DETAIL SECTION A-A



SANITARY DROP MANHOLE DETAIL SECTION A-A



SERVICE & SERVICE CLEANOUT RISER



ALTERNATE SERVICE RISER DETAIL (WITH SERVICE CLEANOUT)

ROCK RIVER WATER RECLAMATION DISTRICT
 3333 KISHWAUKEE ST., P.O. BOX 7480, ROCKFORD, ILLINOIS 6126-7480 - PH. (815) 387-7660/FAX (815) 387-7665

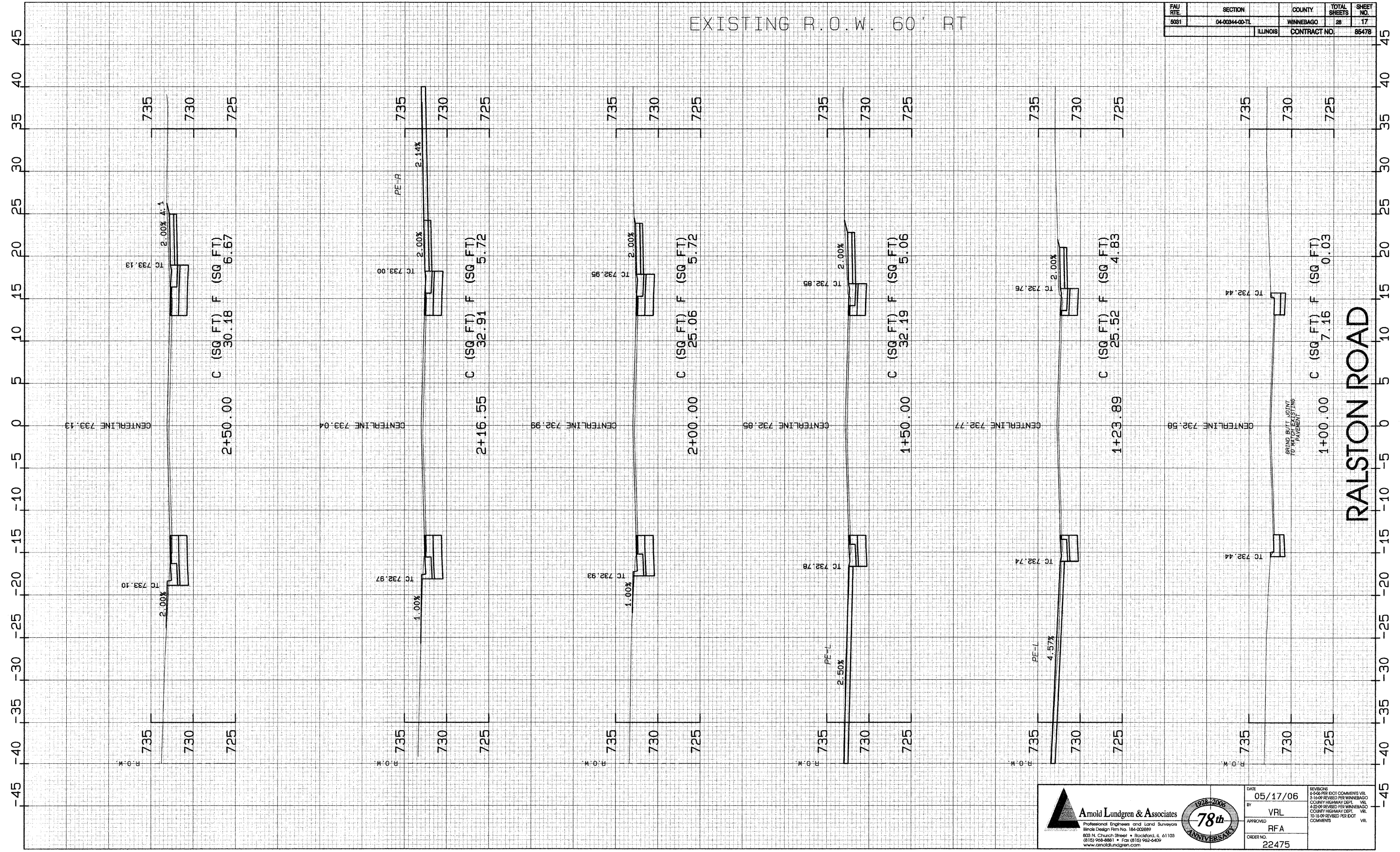
REV: 1/1/97 PAD	REV: 3/5/00 PAD	REV: 5/14/03 PAD
REV: 2/7/97 PAD	REV: 1/10/01 PAD	REV: 2/2/04 PAD
REV: 3/19/98 PAD	REV: 2/5/02 PAD	

STANDARD DETAIL SHEET

FILE: RRWD.DWG
SHEET 16 OF 28

EXISTING R.O.W. 60' RT

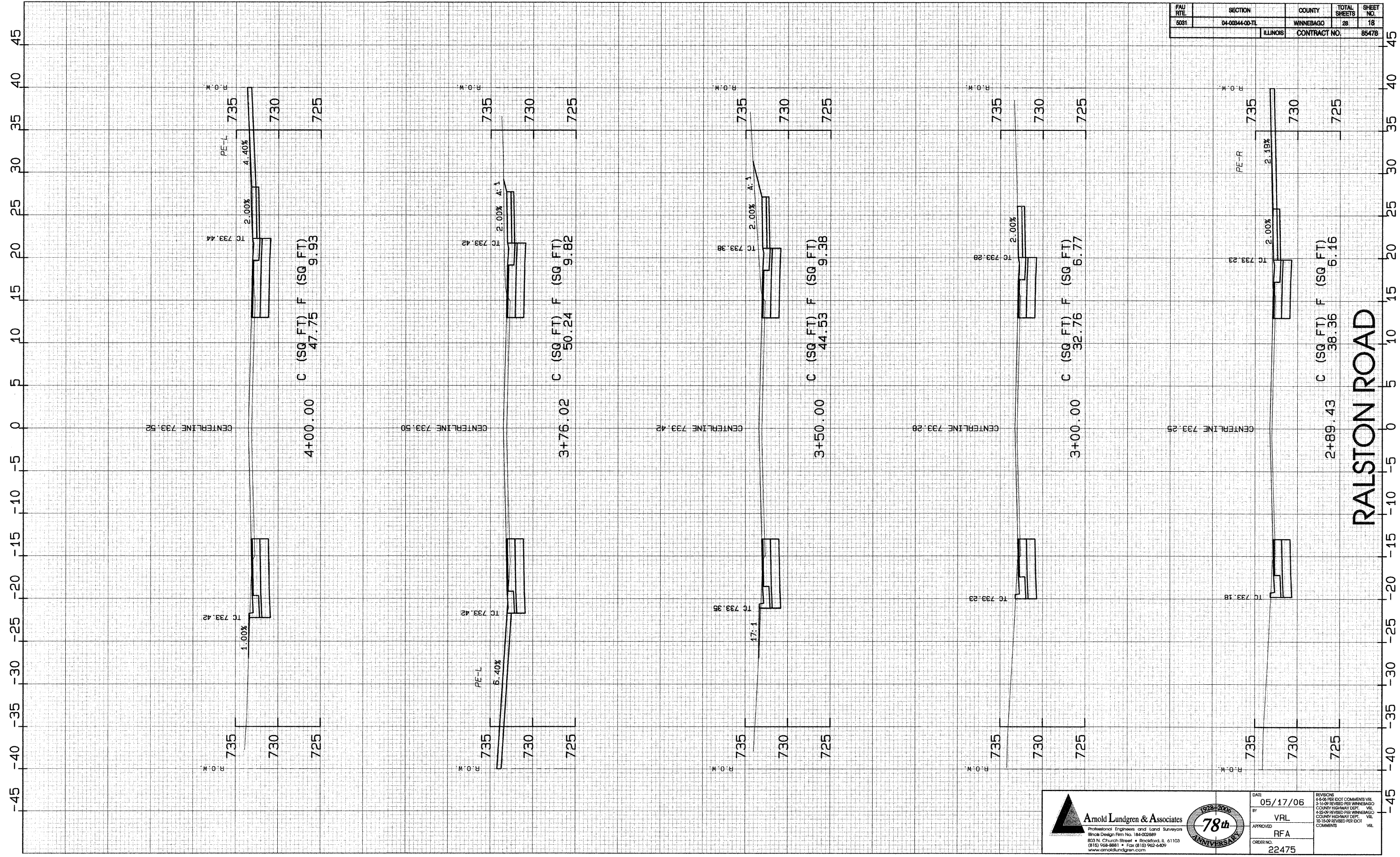
FAU RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5031	04-00344-00-TL	WINNEBAGO	28	17
		ILLINOIS	CONTRACT NO.	85478



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DATE: 05/17/06
BY: VRL
APPROVED: RFA
ORDER NO.: 22475

REVISIONS:
6-5-09 PER DOT COMMENTS VRL
3-16-09 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
4-22-09 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
10-16-09 REVISED PER DOT COMMENTS VRL



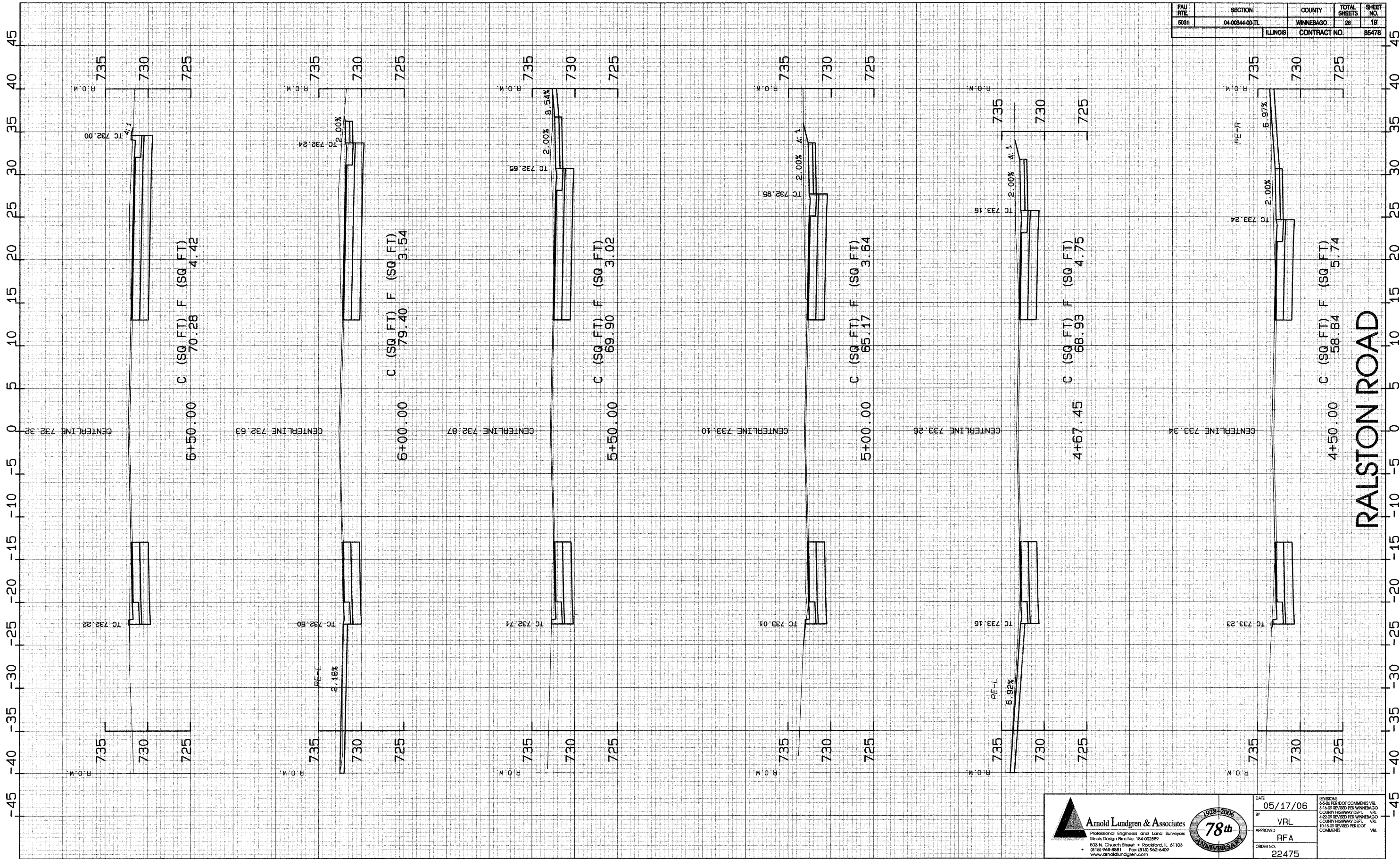
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5081	04-00844-00-TL	WINNEBAGO	28	18
		ILLINOIS	CONTRACT NO.	85478

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DATE	05/17/06	REVISIONS	
BY	VRL	6-5-06 PER DOT COMMENTS VRL	
APPROVED	RFA	3-24-06 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL	
ORDER NO.	22475	6-24-06 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL	
		10-15-06 REVISED PER DOT COMMENTS VRL	

RALSTON ROAD

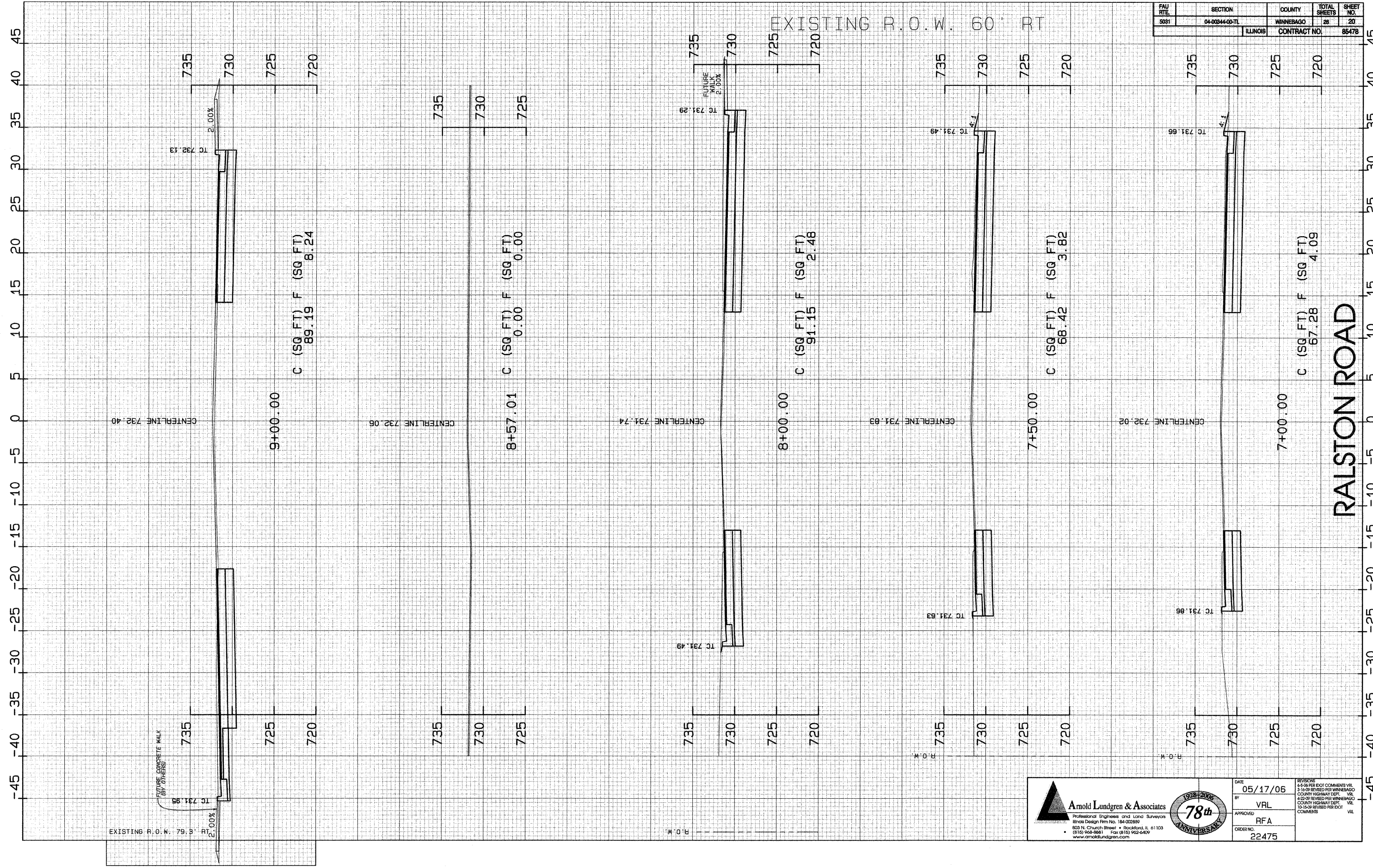


FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5081	04-00344-00-11	WINNEBAGO	28	18
		ILLINOIS	CONTRACT NO.	85478

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DATE	05/17/06	REVISIONS	6406 PER IDOT COMMENTS VIL
BY	VRL	3-14-06 REVISED PER WINNEBAGO	COUNTY HIGHWAY DEPT. VIL
APPROVED	RFA	4-20-06 REVISED PER WINNEBAGO	COUNTY HIGHWAY DEPT. VIL
ORDER NO.	22475	10-10-00 REVISED PER IDOT	COMMENTS VIL

RALSTON ROAD



EXISTING R.O.W. 60' RT

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5031	04-00344-00-TL	WINNEBAGO	28	20
		ILLINOIS	CONTRACT NO.	85478

EXISTING R.O.W. 79.5'
 2.00%
 TC 731.95
 FUTURE CONCRETE WALK
 2.00%
 TC 732.13

CENTERLINE 732.40

9+00.00
 C (SQ FT) 89.19
 F (SQ FT) 8.24

CENTERLINE 732.06

8+57.01
 C (SQ FT) 0.00
 F (SQ FT) 0.00

CENTERLINE 731.74

8+00.00
 C (SQ FT) 91.15
 F (SQ FT) 2.48

FUTURE WALK 2.00%
 TC 731.29

CENTERLINE 731.83

7+50.00
 C (SQ FT) 68.42
 F (SQ FT) 3.82

TC 731.49

CENTERLINE 732.02

7+00.00
 C (SQ FT) 67.28
 F (SQ FT) 4.09

TC 731.66

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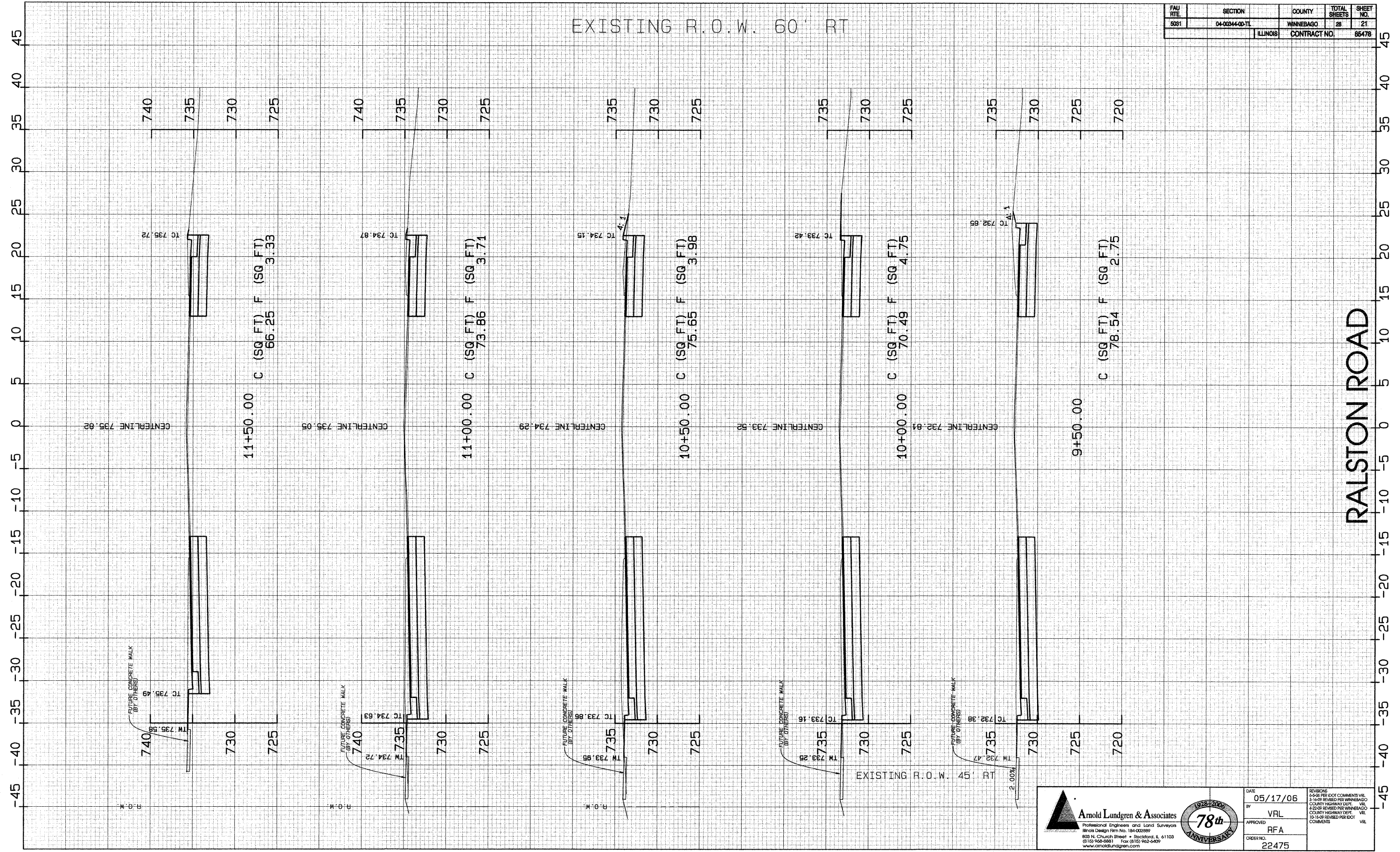


DATE	05/17/06	REVISORS	4-5-06 PER DOT COMMENTS VRL 3-16-06 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL 4-22-06 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL 10-15-06 REVISED PER DOT COMMENTS VRL
BY	VRL	APPROVED	RFA
ORDER NO.	22475		

RALSTON ROAD

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5081	04-00344-00-TL	WINNEBAGO	28	21
		ILLINOIS	CONTRACT NO.	85478

EXISTING R.O.W. 60' RT



RALSTON ROAD

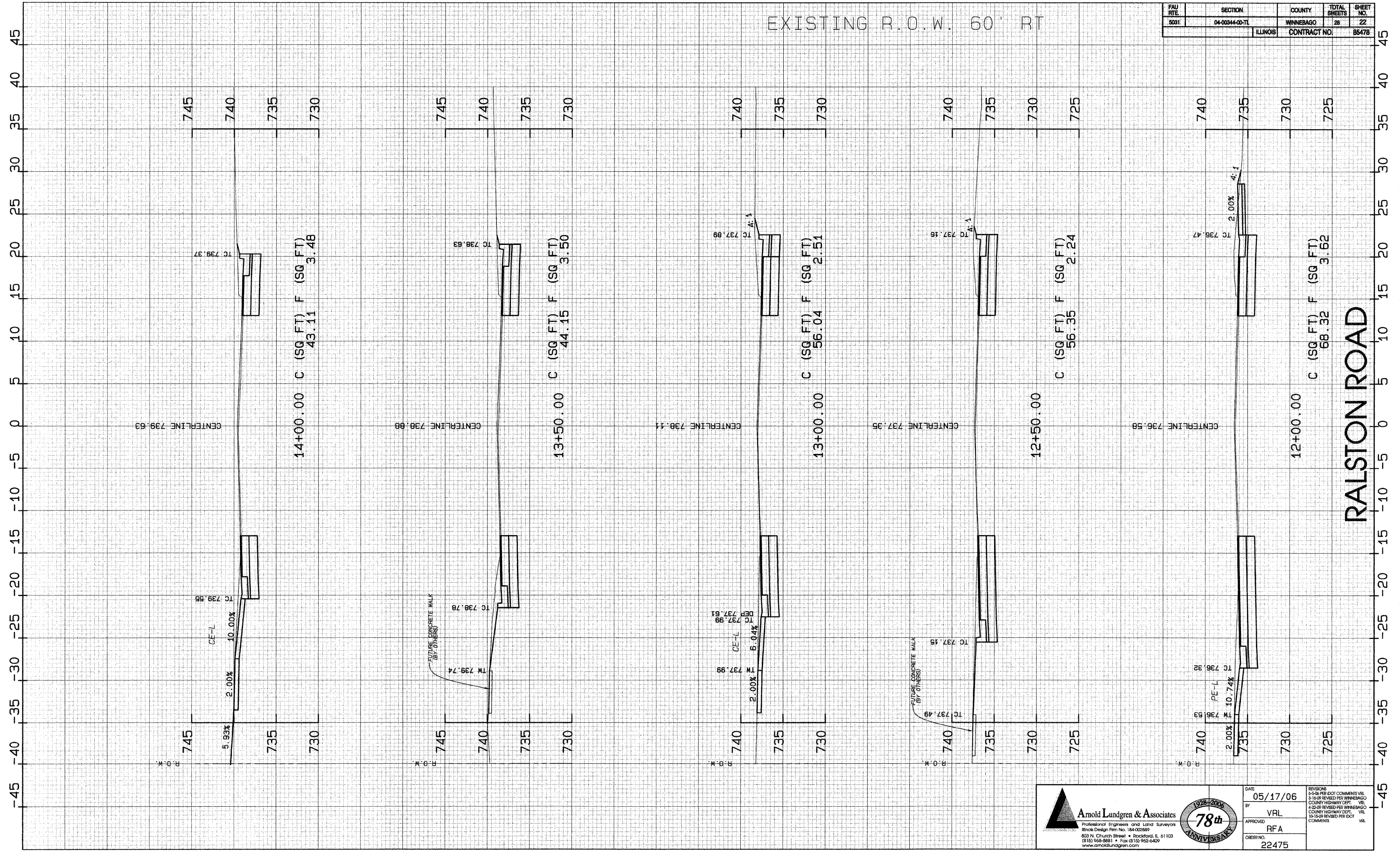
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DATE	05/17/06	REVISIONS	6-4-06 PER DOT COMMENTS VIL
BY	VRL	3-14-06 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VIL	
APPROVED	RFA	4-24-06 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VIL	
ORDER NO.	22475	10-14-06 REVISED PER DOT COMMENTS VIL	

EXISTING R.O.W. 60' RT

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5031	04-00344-00-TL	WINNEBAGO	28	22
		ILLINOIS	CONTRACT NO.	85478



RALSTON ROAD

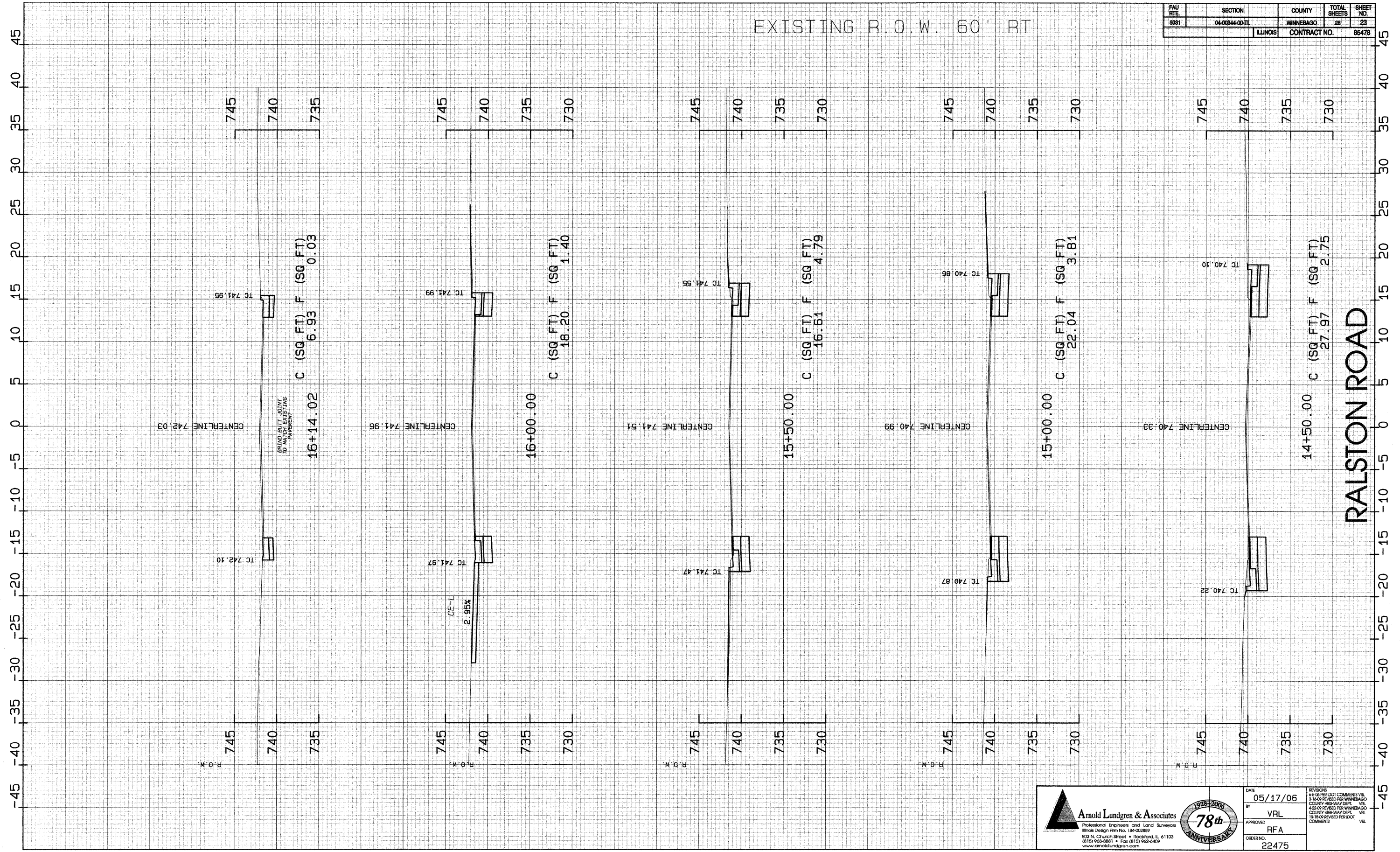
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DATE	05/17/06	REVISIONS	5-9-06 PER DOT COMMENTS VRL
BY	VRL	3-14-06 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT.	VRL
APPROVED	RFA	4-24-06 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT.	VRL
ORDER NO.	22475	10-15-06 REVISED PER DOT COMMENTS	VRL

EXISTING R.O.W. 60' RT

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5081	04-00344-00-TL	WINNEBAGO	28	23
		ILLINOIS	CONTRACT NO.	85478



RALSTON ROAD

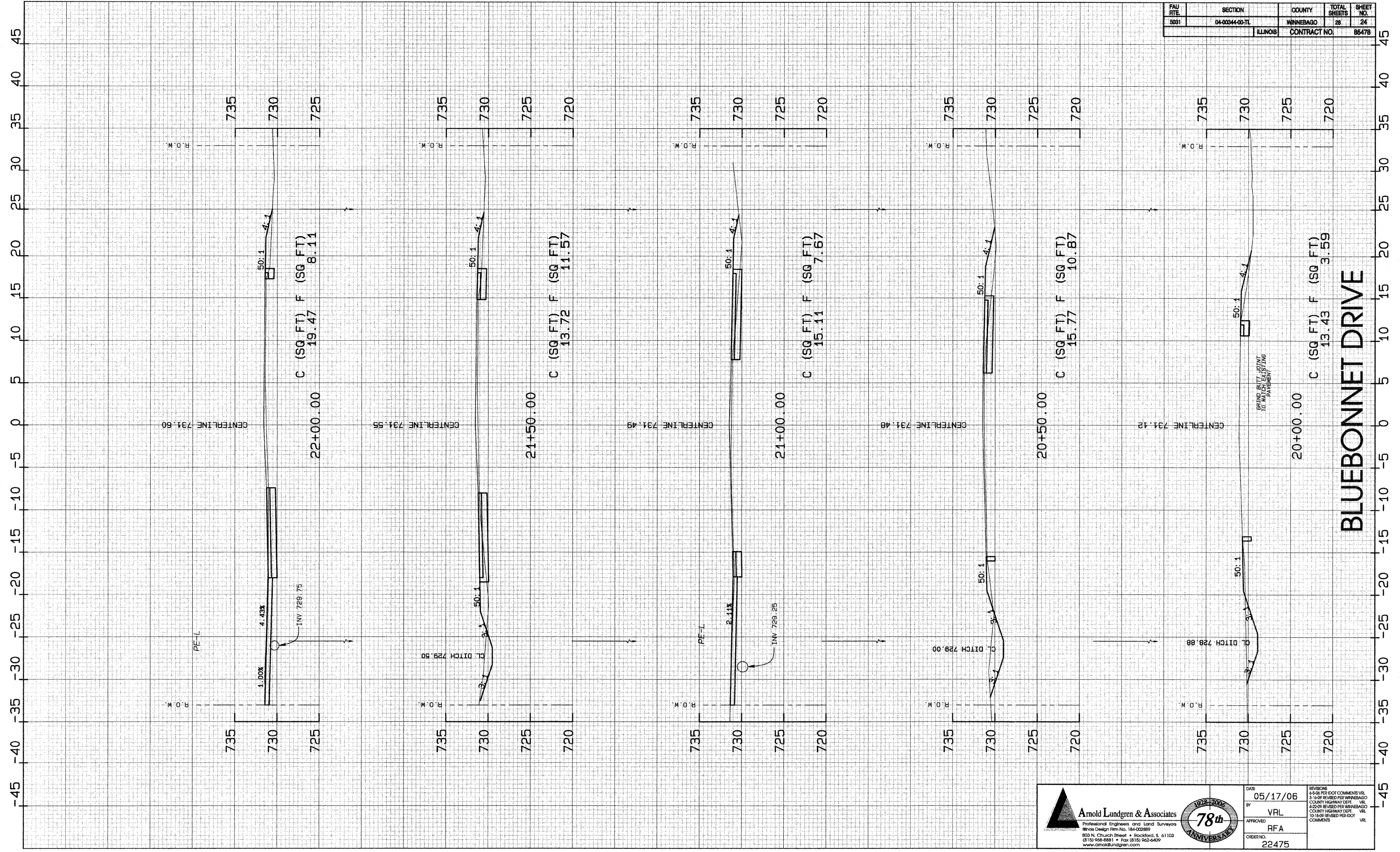
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1928-2006
78th
 ANNIVERSARY

DATE: 05/17/06
 BY: VRL
 APPROVED: RFA
 ORDER NO.: 22475

REVISIONS
 0-5-06 PER DOT COMMENTS VRL
 3-5-06 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
 4-20-06 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
 10-15-06 REVISED PER DOT COMMENTS VRL

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5081	04-00344-00-TL	WINNEBAGO	28	24
		ILLINOIS	CONTRACT NO.	85478

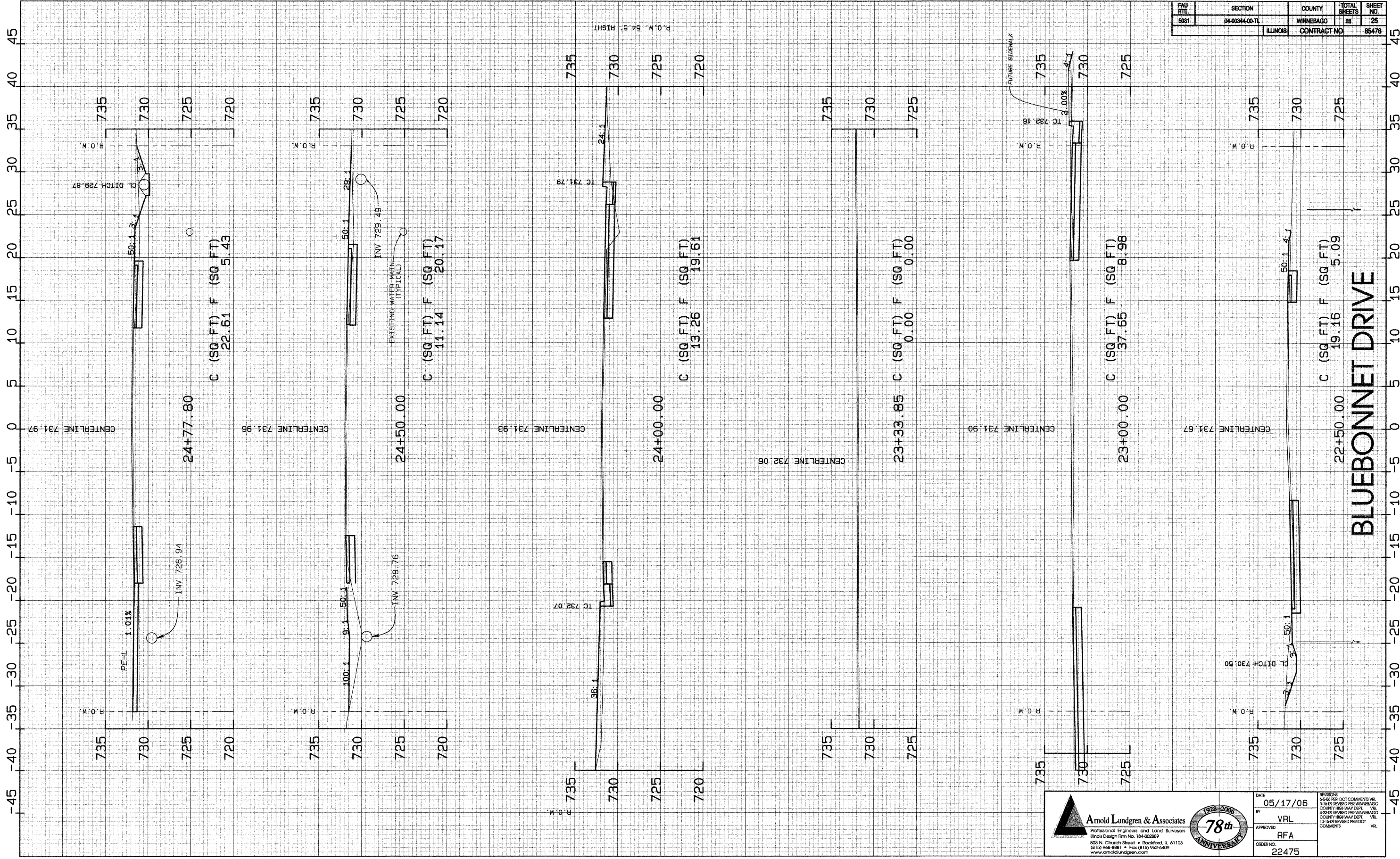


BLUEBONNET DRIVE

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DATE: 05/17/06
BY: VRL
APPROVED: RFA
ORDER NO.: 22475

REVISIONS
4-5-06 PER DOT COMMENTS VRL
3-16-06 REVISED PER WINNEBAGO
COUNTY HIGHWAY DEPT. VRL
4-26-06 REVISED PER WINNEBAGO
COUNTY HIGHWAY DEPT. VRL
10-16-06 REVISED PER DOT
COMMENTS VRL



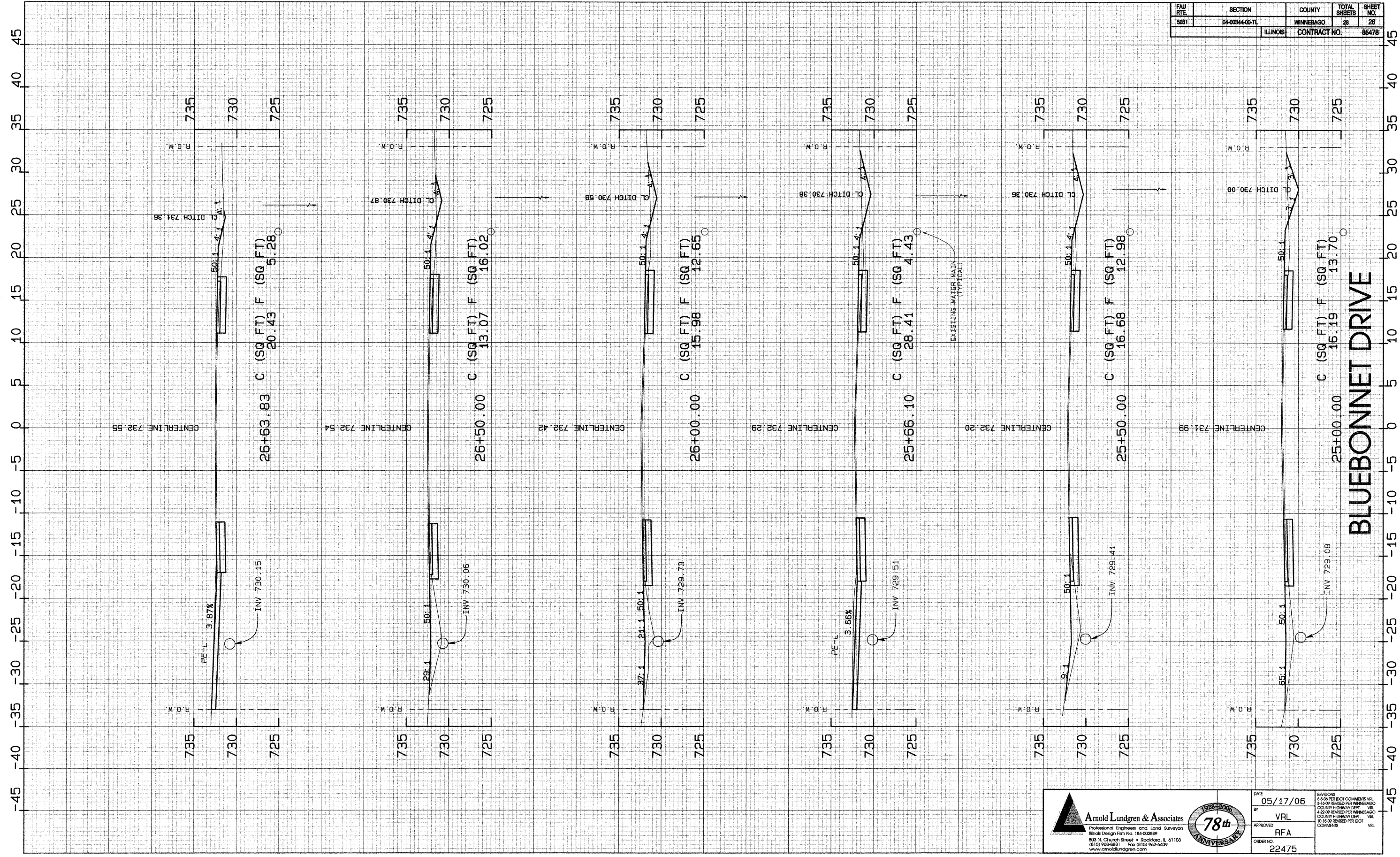
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5081	04-00344-00-TL	WINNEBAGO	28	25
		ILLINOIS	CONTRACT NO.	85478

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DATE	05/17/06
BY	VRL
APPROVED	RFA
ORDER NO.	22475

REVISIONS
 05-06 PER IDOT COMMENTS VRL
 03-07 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
 02-07 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
 10-15-09 REVISED PER IDOT COMMENTS VRL



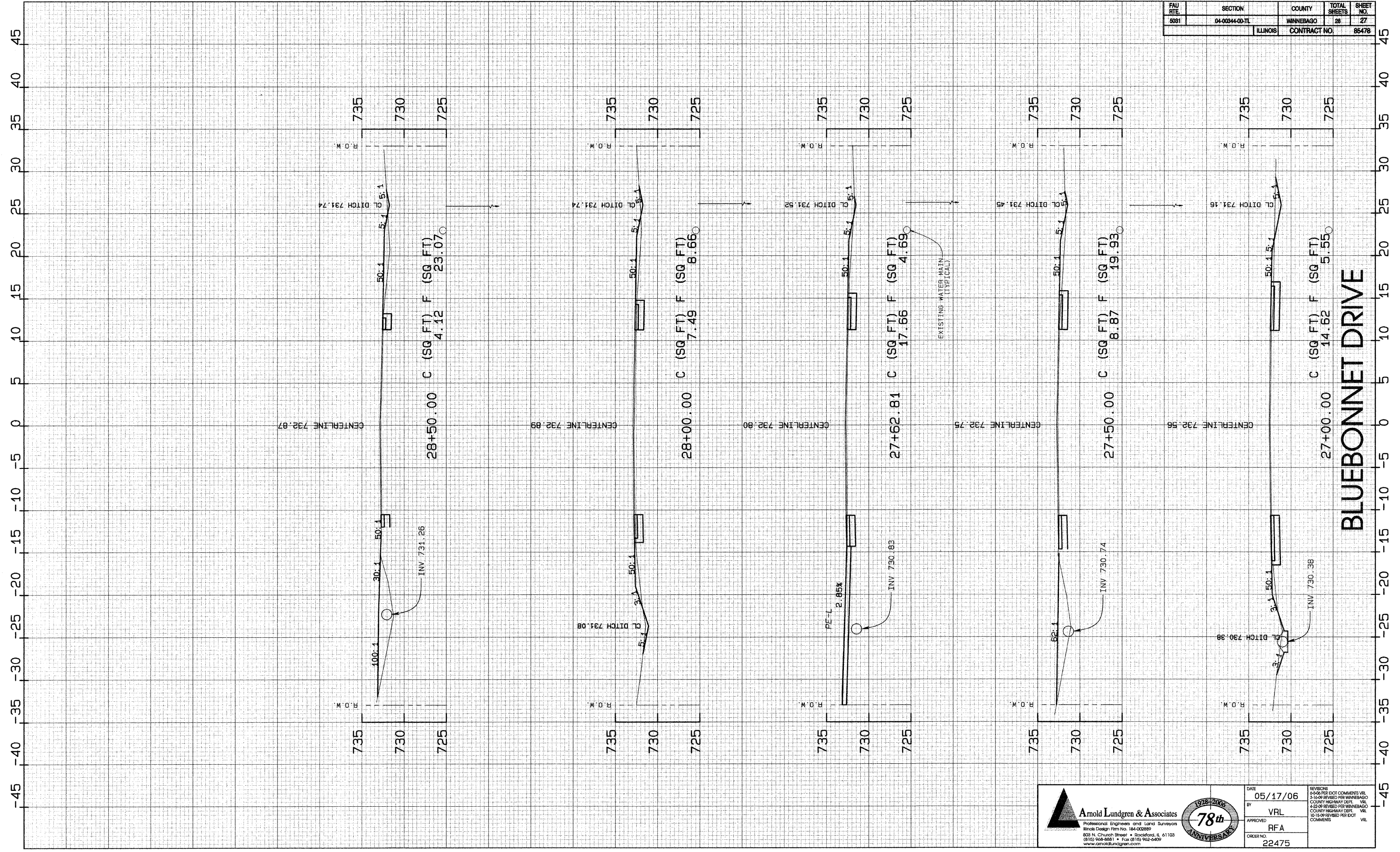
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5031	04-00344-00-TL	WINNEBAGO	28	26
		ILLINOIS	CONTRACT NO.	85478

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DATE: 05/17/06
 BY: VRL
 APPROVED: RFA
 ORDER NO.: 22475

REVISIONS:
 6/6/06 PER DOT COMMENTS VRL
 3/16/07 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
 4/22/09 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
 12/15/09 REVISED PER DOT COMMENTS VRL

BLUEBONNET DRIVE



FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5091	04-00344-00-TL	WINNEBAGO	28	27
		ILLINOIS	CONTRACT NO.	85478

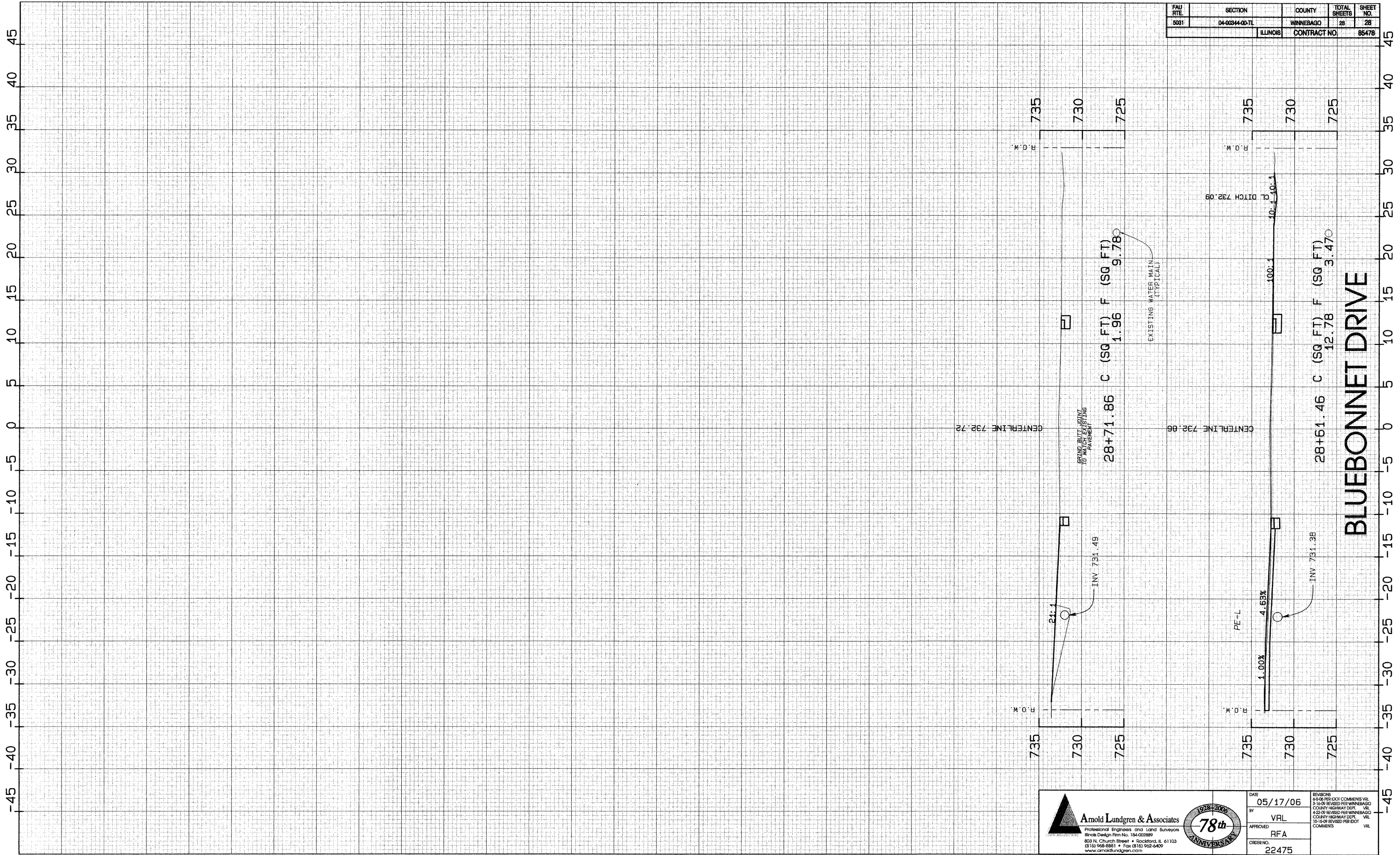
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DATE: 05/17/06
BY: VRL
APPROVED: RFA
ORDER NO.: 22475

REVISIONS:
0-00 PER DOT COMMENTS VRL
3-16-07 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
4-22-09 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
10-15-09 REVISED PER DOT COMMENTS VRL

BLUEBONNET DRIVE

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5031	04-00344-00-TL	WINNEBAGO	28	28
		ILLINOIS	CONTRACT NO.	85478



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DATE	05/17/06	REVISIONS
BY	VRL	05-06 PER DOT COMMENTS VRL
APPROVED	RFA	12-05 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
ORDER NO.	22475	4-02-05 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
		10-15-09 REVISED PER DOT COMMENTS VRL