

PROJECT ENGR.: Maureen Addis 309671-3454

DESIGNER: Pattie Conover 309671-3475

CONTRACT NO. 68334

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-2)RS	McDONOUGH	66	1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

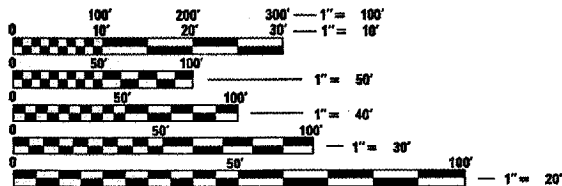
FAP ROUTE 310 (US 67)
SECTION (38-2)RS
PROJECT NHF-0310(091)
McDONOUGH COUNTY
C-94-030-03

FOR INDEX OF SHEETS, SEE SHEET NO. 2

HIGHWAY STANDARDS

280001-02	635011-01	701422-01
542401	667101	701426-02
630001-05	701101-01	701602-02
631011-02	701106-01	701701-04
631026-02	701400-02	702001-05
631033-01	701401-03	720011
635001	701421-01	780001-01
635006-02		781001-02

ADT 9600 (2002)
SU = 4.1%
MU = 2.9%
OTHER PRINCIPAL ATERIAL
DESIGN (POSTED) SPEED : 65-45 MPH
CLASS II TRUCK ROUTE

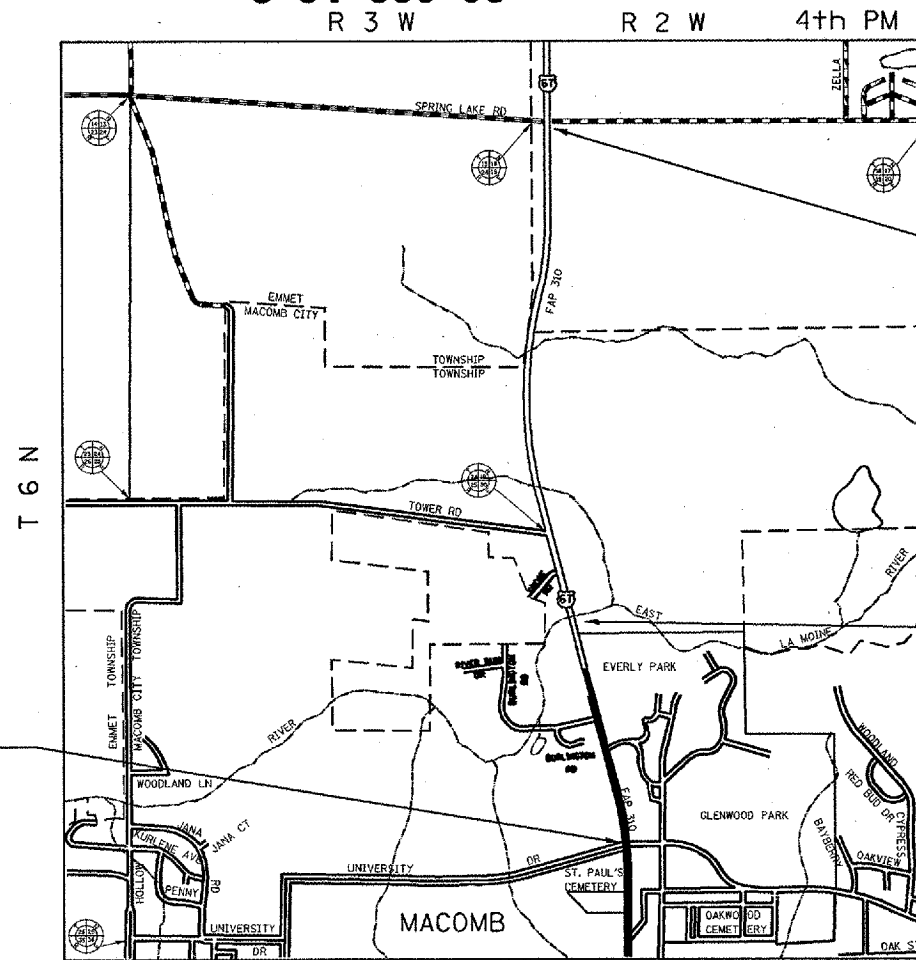


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CONTRACT NO. 68334

CATALOG NO. 032720-00D



PROJECT BEGINS
STA 61+60

PROJECT ENDS
STA 140+42.87

MILLING AND RESURFACING,
DRAINAGE IMPROVEMENTS,
EROSION CONTROL, STRIPING,
AGGREGATE SHOULDERS

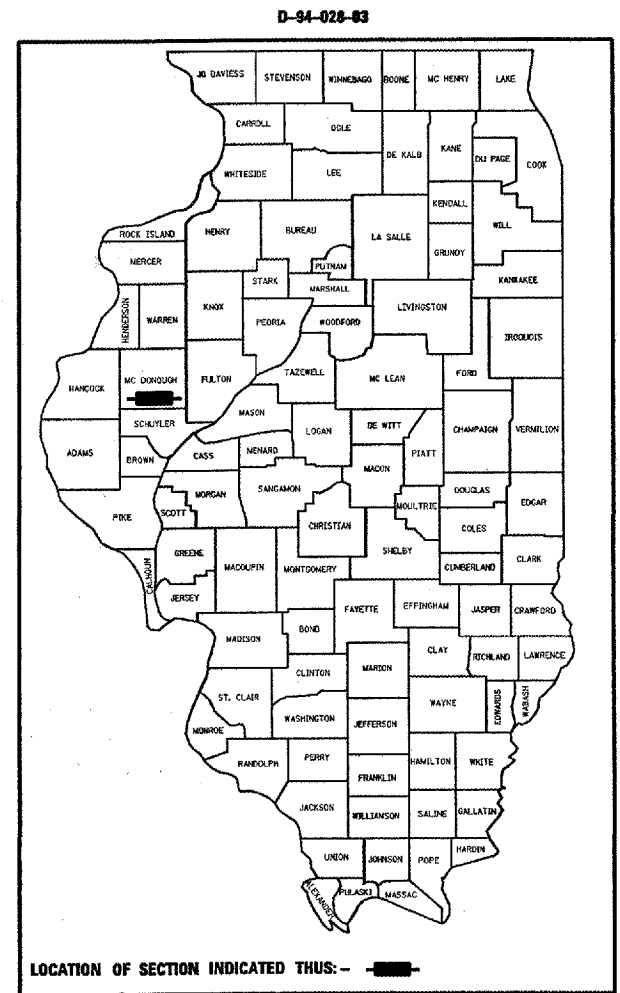
BRIDGE OMISSION
(SB) S.N. 055-0029
STA. 84+15.06 - 86+85.40
(NB) S.N. 055-0030
STA. 83+90.30 - 86+60.64

SUPERPAVE PROJECT

QC/QA BITUMINOUS

MAP NOT TO SCALE

GROSS LENGTH OF PROJECT = 7882.87 FEET = 1.49 MILES
NET LENGTH OF PROJECT = 7711.47 FEET = 1.46 MILES



LOCATION OF SECTION INDICATED THUS: -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 28 2005

[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

20____
ENGINEER OF DESIGN AND ENVIRONMENT

20____
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	438-2/RS	MCDONOUGH	66	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

INDEX OF SHEETS

- 1 TITLE SHEET
- 2 INDEX OF SHEETS, EXCEPTIONS TO DESIGN POLICY, PLAN NOTES, COMMITMENTS
- 3 - 4 GENERAL NOTES
- 5 RECOVERY TIES
- 6 - 11 SUMMARY OF QUANTITIES
- 12 - 17 TYPICAL SECTIONS
- 18 - 24 SCHEDULES OF QUANTITIES
- 25 - 32 EXISTING/REMOVAL PLAN SHEETS
- 33 - 40 PROPOSED PLAN SHEETS
- 41 - 48 STRIPING PLAN SHEETS
- 49 TYPICAL APPLICATION OF SILT FILTER FENCE
- 50 RIPRAP DITCH FOR EROSION PROTECTION
- 51 - 52 BUTT JOINTS
- 53 - 54 RURAL ENTRANCES FOR "3R" PROJECTS
- 55 RURAL SIDEROADS FOR "3R" PROJECTS
- 56 BITUMINOUS SURFACE REMOVAL (COLD MILLING)
- 57 - 58 GUARDRAIL EROSION CONTROL TREATMENTS
- 59 - 61 GUARDRAIL AND BARRIER WALL DELINEATION
- 62 PERMANENT SURVEY TIE & PERMANENT SURVEY MARKERS TY I - TY II
- 63 - 64 STANDARD 701606 (SPECIAL) URBAN LANE CLOSURE, MULTILANE, 2-WAY WITH BIDIRECTIONAL LEFT TURN LANE FOR SPEEDS <45 MPH
- 65 - 66 TYPICAL PAVEMENT MARKINGS

PLAN NOTES

Traffic will not be allowed on the milled US 67 pavement. The lanes can be opened to traffic once the binder course is in place.

Shoulders will be graded in the University Drive area so the 3' aggregate wedge can be placed as requested by Maintenance.

The Contractor shall coordinate work on this project with the Contractor for contract no. 88757, which extends from Spring Lake Road north to just south of IL Route 9.

COMMITMENTS

Commitments are not to be altered without the written approval of all parties to which the commitment was made.

There are no commitments on this project.

EXCEPTIONS TO DESIGN POLICY

- 1) Milling and resurfacing depth of 4 1/2"
- 2) Shorten the guardrail length of need at Krohe Road/Hurst Drive to accomodate radius return

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**INDEX OF SHEETS,
 EXCEPTIONS TO DESIGN
 POLICY, PLAN NOTES,
 COMMITMENTS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	C38-21RS	MCDONOUGH	66	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES

PROPERTY OWNER ACCESS REQUIREMENT

Access must be maintained to all existing properties during construction per Article 107.09 unless arrangements are made in writing by the Contractor with the property owners with a copy to the Engineer for short-term closures.

TREE REMOVAL

The District Four Tree Committee should be contacted and prior approval obtained for any tree removal beyond the limits/locations included in the plans.

PAVING SURFACE COURSE, CONTINUOUS

Continuous paving operations on the main roadway shall be maintained at all times during the construction of the bituminous surface. No interruptions for side roads, entrances, turn lanes, etc. will be allowed.

ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS

The Contractor shall consult with the Engineer in regard to the exact length of the box/pipe culverts, storm sewers, and/or pipe drains required prior to ordering these items.

ENGINEERS FIELD OFFICE

Add the following sentence to the end of paragraph 670.02 (i) and 670.04 (e):

All of the telephone lines provided shall have unpublished numbers.

LABORATORY TESTING OF SUPERPAVE MIXES

Some aggregate compositions produce inconsistent results when burned in the ignition oven. The Engineer will determine whether the ignition oven or AC nuclear gauge will be required after the aggregate sources have been identified.

ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

The required environmental resource documentation shall include the following:

- BDE Form 2289 (Environmental Survey Request)
- A location map showing the size limits and location of the use area
- Signed property owner agreement form
- Color photographs depicting the use area

Please note that a minimum of two weeks shall be allowed for the District to obtain the required environmental clearances.

AGGREGATE SHOULDERS, TYPE B

Aggregate Shoulders, Type B shall be required for all granular construction of side roads, entrances, and mailbox turnouts, whether or not portions of the surfaces thus constructed are to be covered with a bituminous surface, except where noted differently on the plans.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: VERT. *NOT TO SCALE* HORIZ. DRAWN BY
DATE CHECKED BY

PLOT DATE: 3/25/2008
PLOT SCALE: 1/8"=1'-0"
REFERENCE: *REF*

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-21RS	MCDONOUGH	66	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

BITUMINOUS CONCRETE MIXTURE REQUIREMENTS

GENERAL NOTES

Mixture Use(s):	Surface on Mainline, Turn Lanes, Dog Pound Rd.
RAP % (Max)**:	0%
AC/PG:	SBR or SBS PG 64-28
Design Air Voids:	4.2% @ N=70
Mixture Composition:	IL 9.5 or IL 12.5
(Gradation Mixture)	
Friction Aggregate	Mixture D (Dolomite Only)

Mixture Use(s):	Binder on Mainline, Turn Lanes, Dog Pound Rd.
RAP % (Max)**:	0%
AC/PG:	SBR or SBS PG 64-28
Design Air Voids:	4.2% @ N=70
Mixture Composition:	IL 19.0
(Gradation Mixture)	
Friction Aggregate	N/A

Mixture Use(s):	Shoulder (Surface Lift)
RAP % (Max)**:	30%
AC/PG:	PG 64-22
Design Air Voids:	3.0% @ N=30
Mixture Composition:	IL 9.5L
(Gradation Mixture)	
Friction Aggregate	Mixture C

Mixture Use(s):	Shoulder (Bottom Lift)
RAP % (Max)**:	30%
AC/PG:	PG 64-22
Design Air Voids:	4.0% @ N=30
Mixture Composition:	IL 19.0L
(Gradation Mixture)	
Friction Aggregate	N/A

Mixture Use(s):	Surface on Side Roads
RAP % (Max)**:	15%
AC/PG:	PG 64-22
Design Air Voids:	4.2% @ N=50
Mixture Composition:	IL 9.5 or 12.5
(Gradation Mixture)	
Friction Aggregate	Mixture D (Dolomite Only)

**If the RAP option is selected, the asphalt cement grade may need to be adjusted; this will be determined by the Engineer.

PAVEMENT STATION NUMBERS & PLACEMENT

The Contractor shall provide labor and materials required to imprint pavement station numbers in the finished surface of the pavement and/or overlay. The numbers shall be approximately 20 mm (3/4 inch) wide, 125 mm (5 inches) high and 15 mm (5/8 inch) deep.

The pavement station numbers shall be installed as specified herein:

Interval - 100 meters (metric stationing) or 200 feet (English stationing)

Bottom of Numbers - 150 mm (6 inches) from the inside edge of the pavement marking

Location:

- 2, 3, & 5 Lane Pavements - right edge of pavement in direction of increasing stations
- Multi-Lane Divided Roadways - outside edge of pavement in both directions
- Ramps - along baseline edge of pavement

Position - stations shall be placed so they can be read from the adjacent shoulder

Format - Metric (English) pavement stations shall use this format

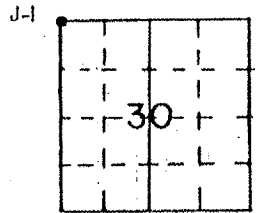
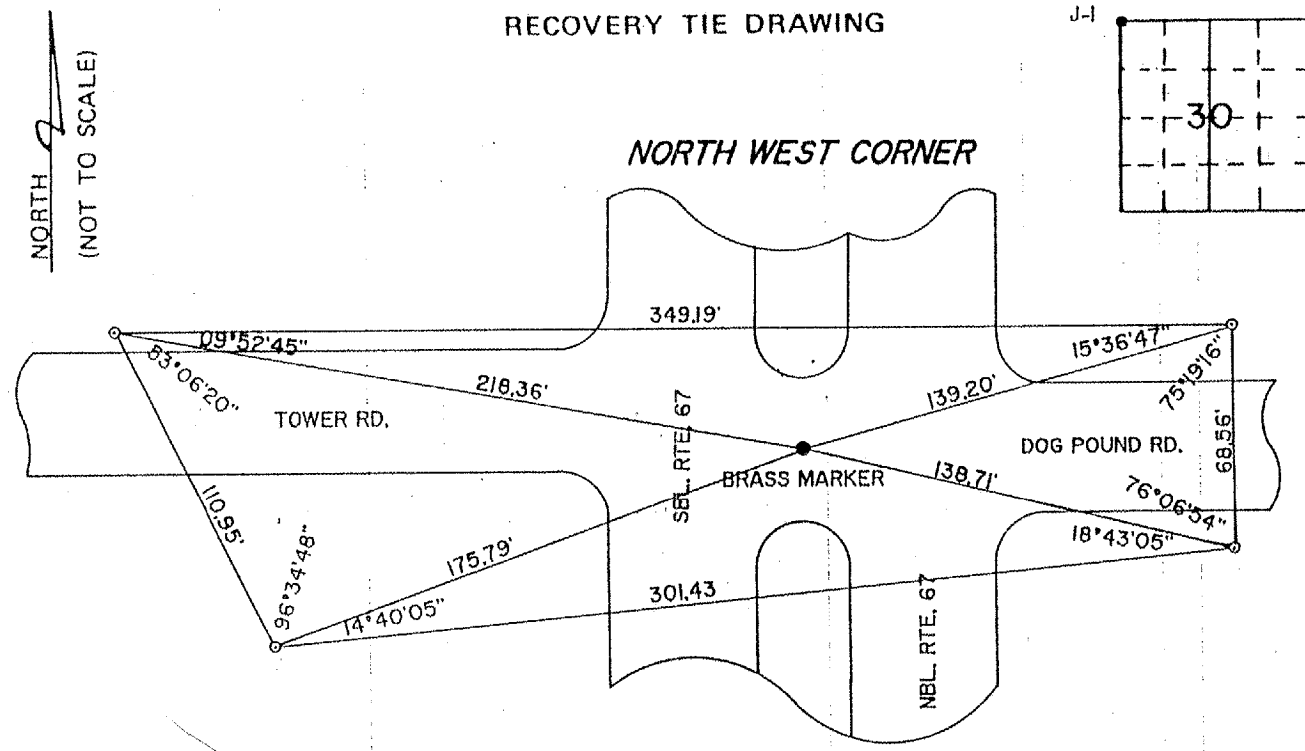
"XX+X00 (XXX)", where X represents the pavement station

This work will not be paid for separately, but will be considered included in the cost of the associated pavement and/or overlay pay items.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p>GENERAL NOTES</p> <p>SCALE: AS SHOWN TO SCALE <small>HORIZ. DATE</small> DRAWN BY <small>CHECKED BY</small></p>

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-2RS	McDONOUGH	66	5
STA. 5		TO STA. 5		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

RECOVERY TIE DRAWING



NORTH
(NOT TO SCALE)

NOTE
CONC. MON. AT ALL TIES

SECTION CORNER PER
RIGHT-OF-WAY OR
CONSTRUCTION PLANS

SETTING OF DISK NOTES

All ties for the section corner at the intersection of Dog Pound Road/Tower Road and US 67, as shown, have been located in the field and shall be verified by a licensed land surveyor prior to any milling operations. The section corner shall be reset at the direction of a licensed land surveyor after all paving and striping operations are complete. If any dimensions have been changed, it shall be the responsibility of the surveyor to file a new monument record in the McDonough County Courthouse.

A copy of all drawings or monument records produced from this project shall be sent to the Chief of Surveys, Illinois Department of Transportation, District 4, Peoria.

The supplying, drilling, setting of disks, professional services, labor and any additional work required to perform this work shall be paid for under pay item 66700305.

Refer to plan sheet no. 36 for the intersection location and plan sheet no. 62 for the standard drawing.

PLOT DATE = 3/24/2005
FILE NAME = c:\projects\68334\hess\tdgn
PLOT SCALE = 1/8"=100' / IN.
REFERENCE = WIER#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RECOVERY TIES

SCALE: VERT. DATE
HORIZ. CHECKED BY

DRAWN BY

SUMMARY OF QUANTITIES

P.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-2)RS	MCDONOUGH	66	6
STA.		TO STA.		
FED. ROAD DIST. NO. 5		ALPMS	FED. AID PROJECT	

SUMMARY OF QUANTITIES		UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM			URBAN 80% FED/20% STATE I 000	RURAL 80% FED/20% STATE I 000			
20201100	GRADING EXISTING SHOULDER	UNIT	10	10	0			
20400800	FURNISHED EXCAVATION	CU YD	117	49	68			
21400100	GRADING AND SHAPING DITCHES	FOOT	2356	1557	799			
25000210	SEEDING, CLASS 2A	ACRE	0.27	0.17	0.1			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	25	16	9			
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	25	16	9			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	25	16	9			
25002300	TEMPORARY SEEDING	ACRE	0.54	0.34	0.2			
25100115	MULCH, METHOD 2	ACRE	0.27	0.17	0.1			
28000400	PERIMETER EROSION BARRIER	FOOT	1012	258	754			
28000500	INLET AND PIPE PROTECTION	EACH	4	1	3			
28001000	AGGREGATE (EROSION CONTROL)	TON	35	31	4			
28100825	STONE DUMPED RIPRAP, CLASS B3	TON	619	196	423			
28200200	FILTER FABRIC	SQ YD	1237	392	845			
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	40	13	27			
40600300	AGGREGATE (PRIME COAT)	TON	243	90	153			
40600895	CONSTRUCTING TEST STRIP	EACH	2	0.7	1.3			
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	2665	1809	856			
40600990	TEMPORARY RAMP	SQ YD	3182	1613	1569			
40800040	INCIDENTAL BITUMINOUS SURFACING	TON	208	38	170			

SUMMARY OF QUANTITIES

F. A. P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-2)RS	MCDONOUGH	66	7
STA.		TO STA.		
FED. ROAD DIST. NO. 6		BALANCE	FED. AID PROJECT	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		URBAN 80% FED/20% STATE I 000	RURAL 80% FED/20% STATE I 000			
44000002	BITUMINOUS SURFACE REMOVAL 1/2"	SQ YD	500		500			
44000007	BITUMINOUS SURFACE REMOVAL 2"	SQ YD	1321	203	1118			
44000012	BITUMINOUS SURFACE REMOVAL 4 1/2"	SQ YD	71774	22935	48839			
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1283	317	966			
54200649	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 24"	FOOT	80		80			
54215550	METAL END SECTIONS 15"	EACH	1	1				
54215559	METAL END SECTIONS 24"	EACH	3	1	2			
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	700	626	74			
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2				
63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	2	2				
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	4	4				
63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	4	3	1			
63200305	STEEL PLATE BEAM GUARD RAIL REMOVAL	FOOT	1251	1144	107			
63500105	DELINEATORS	EACH	11	1	10			
63500120	DELINEATOR REMOVAL	EACH	11	1	10			
* 66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	3	2	1			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2	0.7	1.3			
67100100	MOBILIZATION	L SUM	1	0.35	0.65			

* SPECIALTY ITEMS

SUMMARY OF QUANTITIES

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	MCDONOUGH	66	8
STA. TO STA.			
FED. ROAD DIST. NO. 8		BLIND	FED. AID PROJECT

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		URBAN 80% FED/20% STATE I 000	RURAL 80% FED/20% STATE I 000			
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	4	2	2			
70100305	TRAFFIC CONTROL AND PROTECTION, STANDARD 701400	LS	1	0.35	0.65			
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	LSUM	1	0.35	0.65			
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1	0.35	0.65			
70100330	TRAFFIC CONTROL AND PROTECTION, STANDARD 701426	LS	1	0.35	0.65			
70102632	TRAFFIC CONTROL & PROTECTION, STANDARD 7 01602	L SUM	1	1				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.14	0.86			
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	20	7	13			
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	6200	2416	3784			
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	437	297	140			
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	37484	13794	23690			
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	4000	1400	2600			
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	978	114	864			
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	299	299				

SUMMARY OF QUANTITIES

F. A. N. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	438-21RS	MCDONOUGH	66	9
STA.		TO STA.		
FED. ROAD DIST. NO. 6		ELIGIBLE	FED. AID PROJECT	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		URBAN 80% FED/20% STATE I 000	RURAL 80% FED/20% STATE I 000			
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1034	403	631		
*	78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	4000	1400	2600		
*	78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	437	297	140		
*	78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	37484	13794	23690		
*	78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	978	114	864		
*	78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	299	299			
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	337	145	192		
	78200410	GUARDRAIL MARKERS, TYPE A	EACH	18	13	5		
	78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	3	1		
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	276	106	170		
	Z0000940	AGGREGATE FOR DRIVEWAY MAINTENANCE	TON	51	32	19		
	XX003964	REMOVAL OF EXISTING METAL END SECTION	EACH	2	2			
	X0322729	MATERIAL TRANSFER DEVICE	TON	5497	1892	3605		
□	X2503100	MOWING	UNIT	79	28	51		
	X4066490	BITUMINOUS CONCRETE SURFACE COURSE, SUPER PAVE, IL9.5L(Low ESAL)	TON	2883	863	2020		
	X4066526	POLYMERIZED BIT CONC SURFACE COURSE, SUPE RPAVE, MIX"D", N70	TON	5497	1892	3605		
	X4066630	BITUMINOUS CONCRETE BINDER COURSE, SUPER PAVE, IL-19.0L(Low SEAL)	TON	3503	1015	2488		

* SPECIALTY ITEMS □ NON-PARTICIPATING

SUMMARY OF QUANTITIES

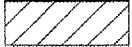
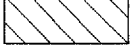
P.A.A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-2RS	MCDONOUGH	66	10
STA.		TO STA.		
FED. ROAD DIST. NO. 0	ALLIANCE	FED. AID PROJECT		

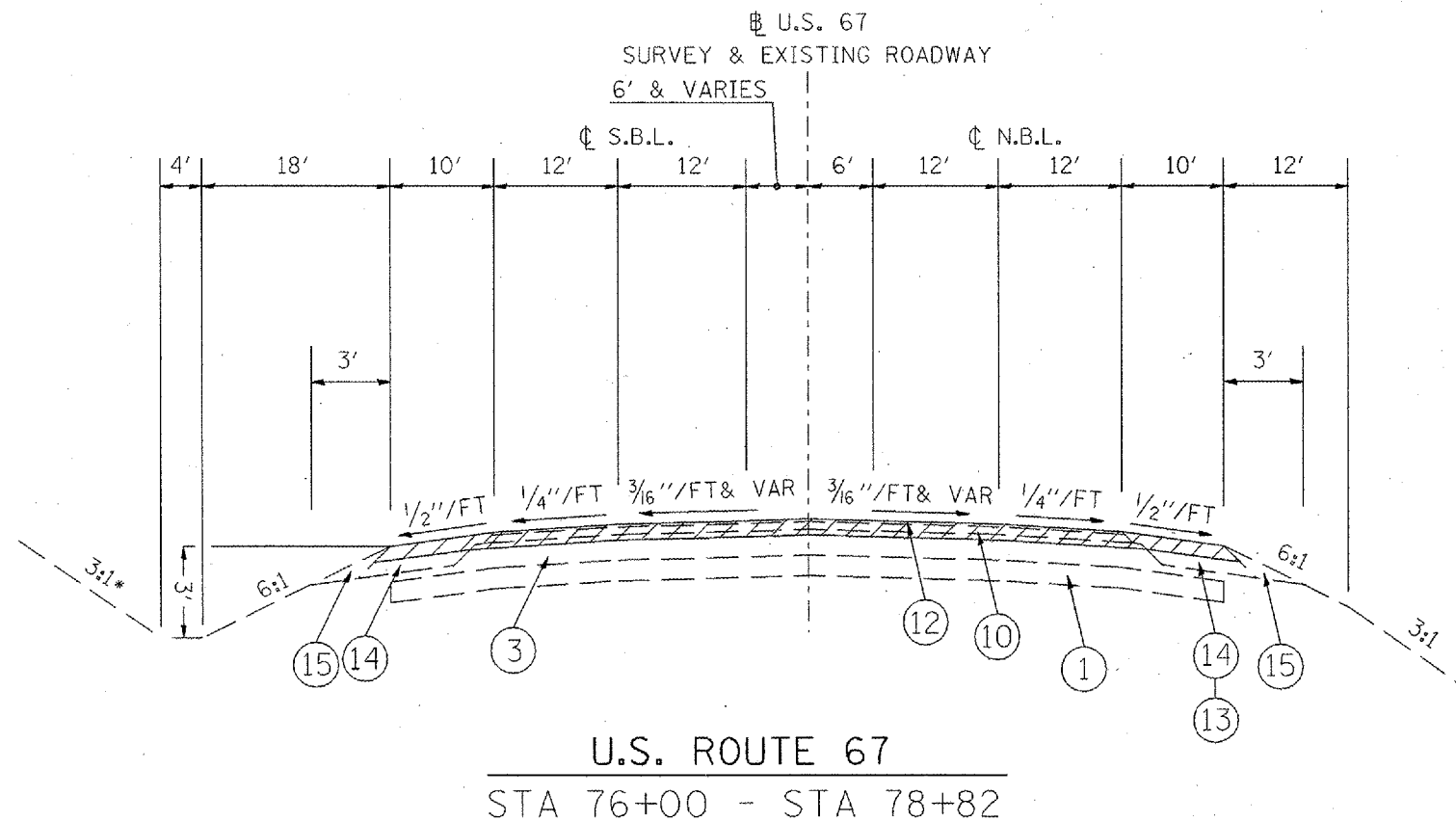
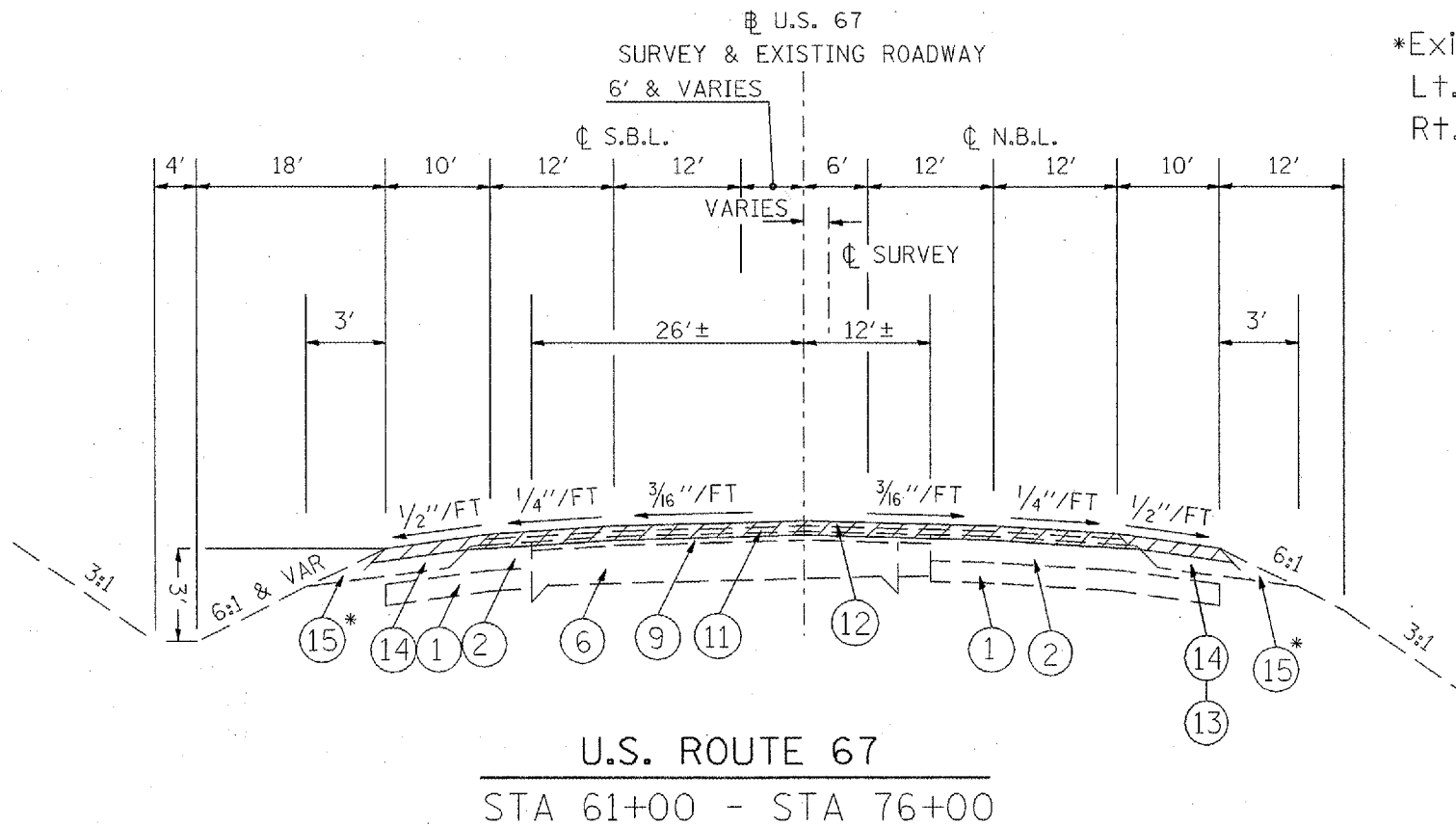
SUMMARY OF QUANTITIES		UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM			URBAN 80% FED/20% STATE I 000	RURAL 80% FED/20% STATE I 000			
X4066656	POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70	TON	6875	2368	4507			

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	C38-21RS	MCDONOUGH	66	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*Exist. Grass Shoulders
 Lt. Sta. 56+84 - 61+60
 Rt. Sta. 56+45 - 61+60

- ① EXIST. LIME MODIFIED SOIL, 8"
- ② EXIST. BIT. BASE CSE., 1 1/2"
- ③ EXIST. BIT. BASE CSE., 10"
- ④ EXIST. BIT. BASE CSE., 8"
- ⑤ EXIST. BIT. BASE CSE., 6"
- ⑥ EXIST. PCC W/5 3/4" OVERLAY
- ⑦ EXIST. SUBBASE GRAN. MAT., TY A, 18"
- ⑧ EXIST. SUBBASE GRAN. MAT., TY A, 12"
- ⑨ EXIST. BIT. CONC. LEVELING BINDER, 2 3/4"
- ⑩ EXIST. BCBC, CL I, 3"
- ⑪ EXIST. BCBC, CL I, 1 1/2"
- ⑫ EXIST. BCSC, MIX D, CL I, 1 1/2"
- ⑬ EXIST. BIT. SHOULDER, 10" (STA. 69+00 - 77+50)
- ⑭ EXIST. BIT. SHOULDER, 8"
- ⑮ EXIST. AGG. SHOULDER, TY B

-  4 1/2" PROP. COLD MILLING
-  2" PROP. COLD MILLING



PLOT DATE = 2/23/2005
 PLOT SCALE = 3/8" = 1' IN.
 REFERENCE = 08E99

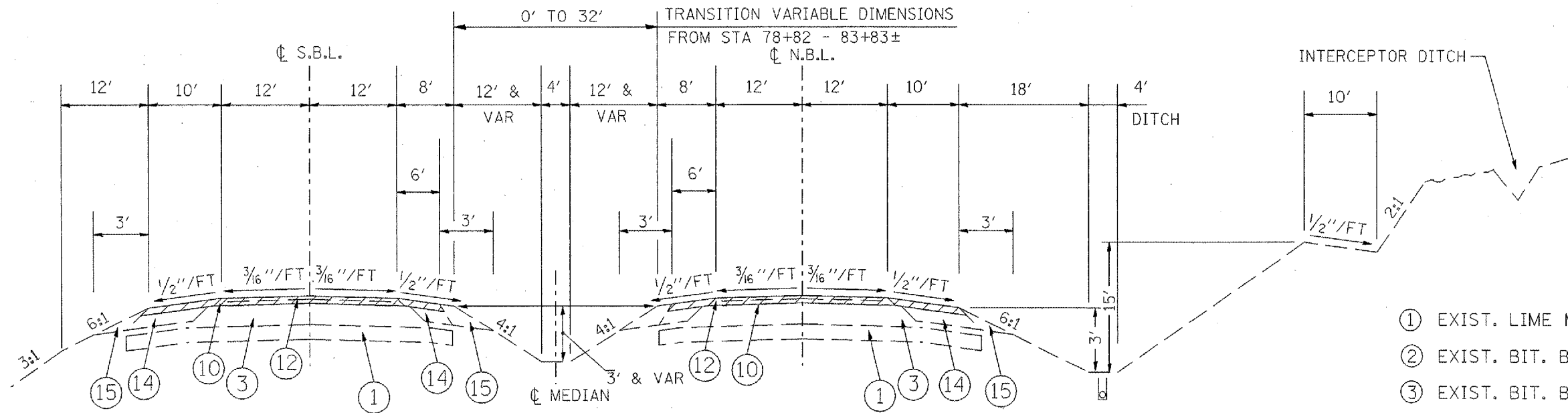
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**EXISTING
 TYPICAL SECTIONS**

SCALE: VERT. NOT TO SCALE
 HORIZ. DATE
 DRAWN BY CADD
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-2)RS	MCDONOUGH	66	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

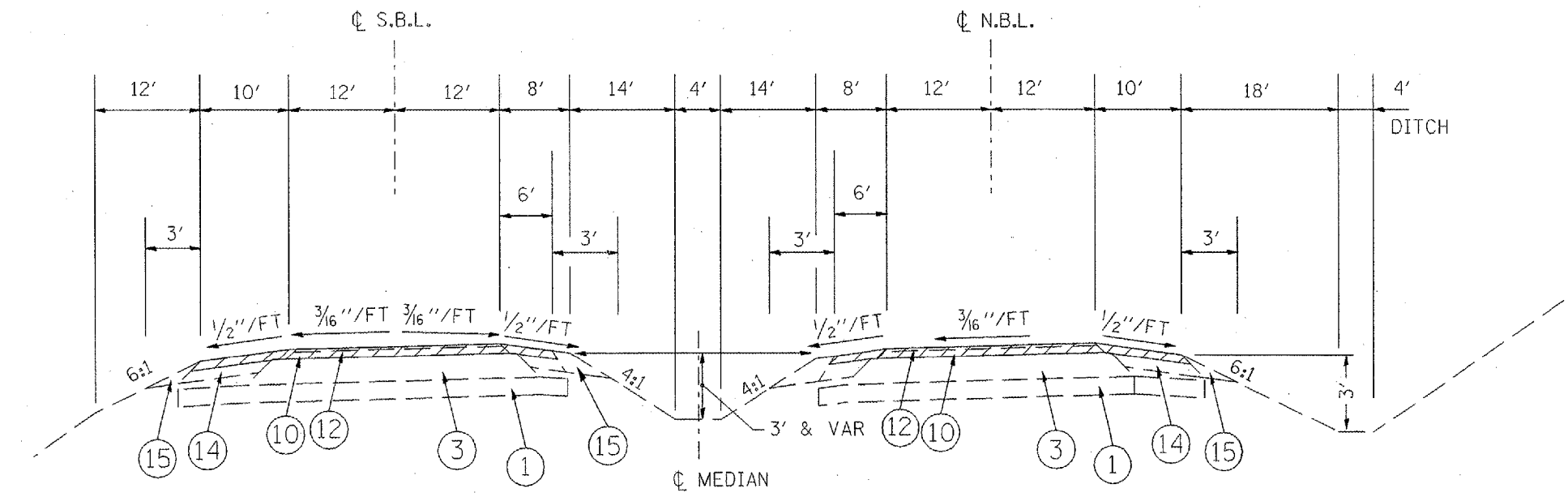


U.S. ROUTE 67

STA 78+82 - STA 88+77.88
 STA 107+26.37 - STA 120+72.51
 STA 125+30.42 - STA 129+77.92
 STA 133+75.92 - STA 141+02.86

- ① EXIST. LIME MODIFIED SOIL, 8"
- ② EXIST. BIT. BASE CSE., 11 1/2"
- ③ EXIST. BIT. BASE CSE., 10"
- ④ EXIST. BIT. BASE CSE., 8"
- ⑤ EXIST. BIT. BASE CSE., 6"
- ⑥ EXIST. PCC W/5 3/4" OVERLAY
- ⑦ EXIST. SUBBASE GRAN. MAT., TY A, 18"
- ⑧ EXIST. SUBBASE GRAN. MAT., TY A, 12"
- ⑨ EXIST. BIT. CONC. LEVELING BINDER, 2 3/4"
- ⑩ EXIST. BCBC, CL I, 3"
- ⑪ EXIST. BCBC, CL I, 1 1/2"
- ⑫ EXIST. BCSC, MIX D, CL I, 1 1/2"
- ⑬ EXIST. BIT. SHOULDER, 10" (STA. 69+00 - 77+50)
- ⑭ EXIST. BIT. SHOULDER, 8"
- ⑮ EXIST. AGG. SHOULDER, TY B

- 4 1/2" PROP. COLD MILLING
- 2" PROP. COLD MILLING



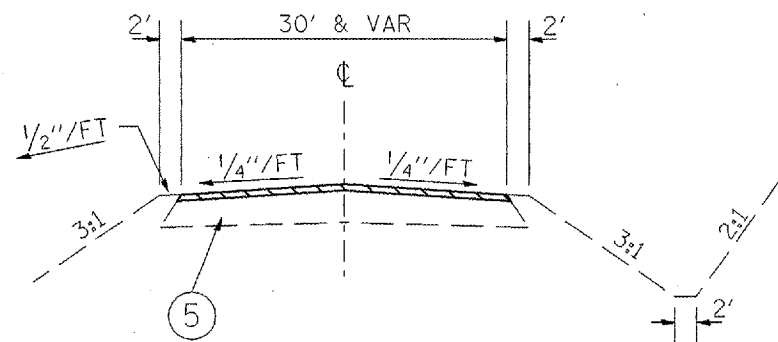
U.S. ROUTE 67

STA 88+77.88 - STA 107+26.37
 STA 120+72.51 - STA 125+30.42
 STA 129+77.92 - STA 133+75.92

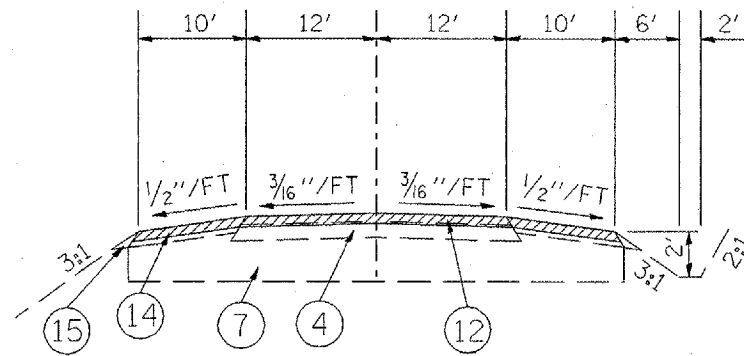
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		EXISTING TYPICAL SECTIONS
SCALE: VERT. NOT TO SCALE		DRAWN BY CADD
DATE		CHECKED BY

PLOT DATE = 3/23/2005
 PLOT SCALE = 1/8" = 1' IN.
 REFERENCE = *REF*

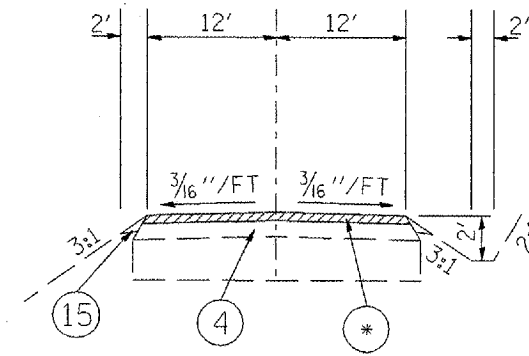
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	CS8-21RS	MCDONOUGH	66	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



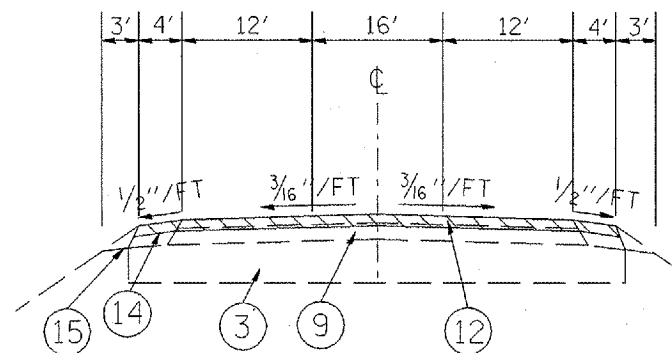
KROHE ROAD/HURST DRIVE
STA 10+11.85 - STA 10+70.24



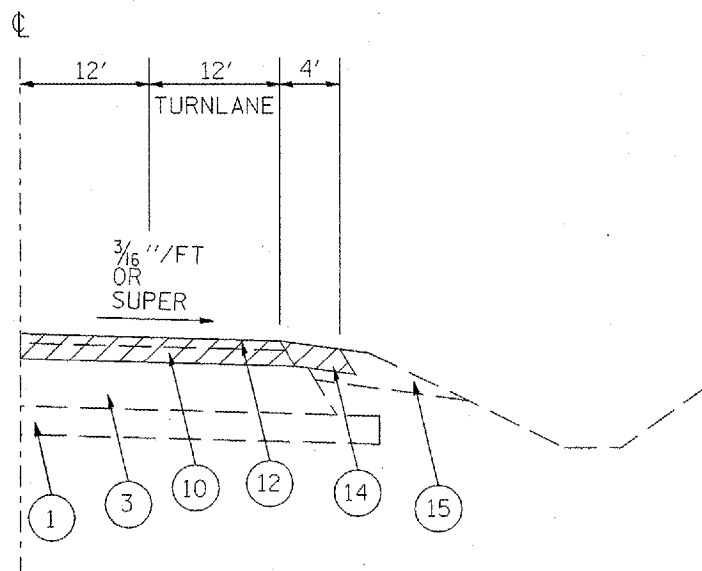
DOG POUND DRIVE
STA 10+58.74 - 11+11.13 = VAR
(4 1/2'' to 1/2'')



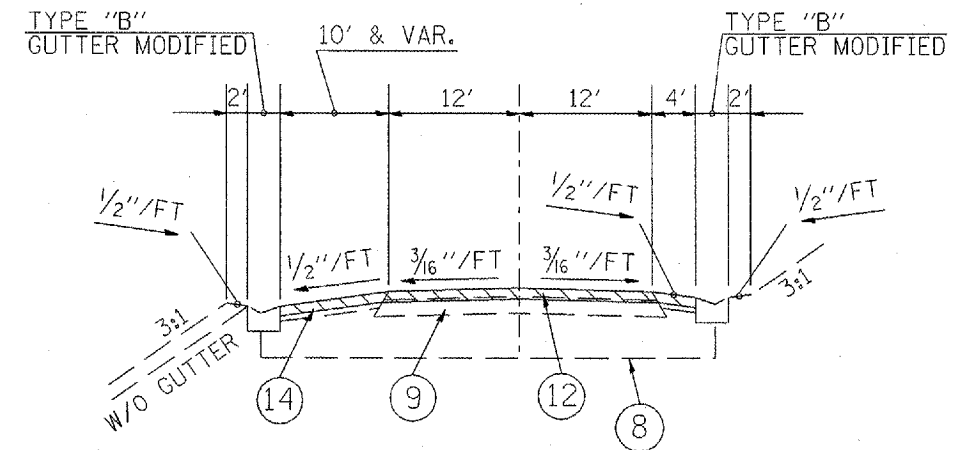
DOG POUND DRIVE
*STA. 11+11.13 - 13+30 = 1/2''



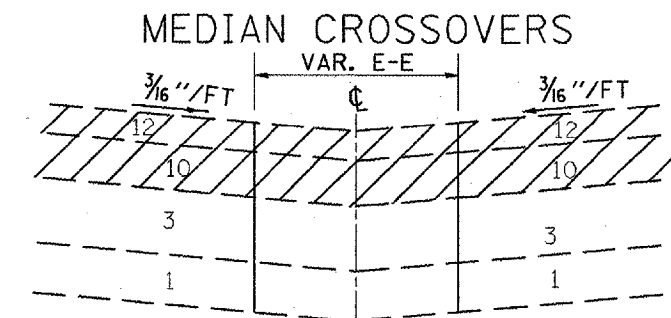
NEW BURLINGTON ROAD
STA 10+30 - STA 11+10



LEFT & RIGHT TURN LANE ON MAINLINE



TOWER ROAD
STA 7+96.66 - STA 9+48.47



- ① EXIST. LIME MODIFIED SOIL, 8"
- ② EXIST. BIT. BASE CSE., 11 1/2"
- ③ EXIST. BIT. BASE CSE., 10"
- ④ EXIST. BIT. BASE CSE., 8"
- ⑤ EXIST. BIT. BASE CSE., 6"
- ⑥ EXIST. PCC W/5 3/4" OVERLAY
- ⑦ EXIST. SUBBASE GRAN. MAT., TY A, 18"
- ⑧ EXIST. SUBBASE GRAN. MAT., TY A, 12"
- ⑨ EXIST. BIT. CONC. LEVELING BINDER, 2 3/4"
- ⑩ EXIST. BCBC, CL I, 3"
- ⑪ EXIST. BCBC, CL I, 1 1/2"
- ⑫ EXIST. BCSC, MIX D, CL I, 1 1/2"
- ⑬ EXIST. BIT. SHOULDER, 10" (STA. 69+00 - 77+50)
- ⑭ EXIST. BIT. SHOULDER, 8"
- ⑮ EXIST. AGG. SHOULDER, TY B

- 4 1/2'' PROP. COLD MILLING
- 2'' PROP. COLD MILLING

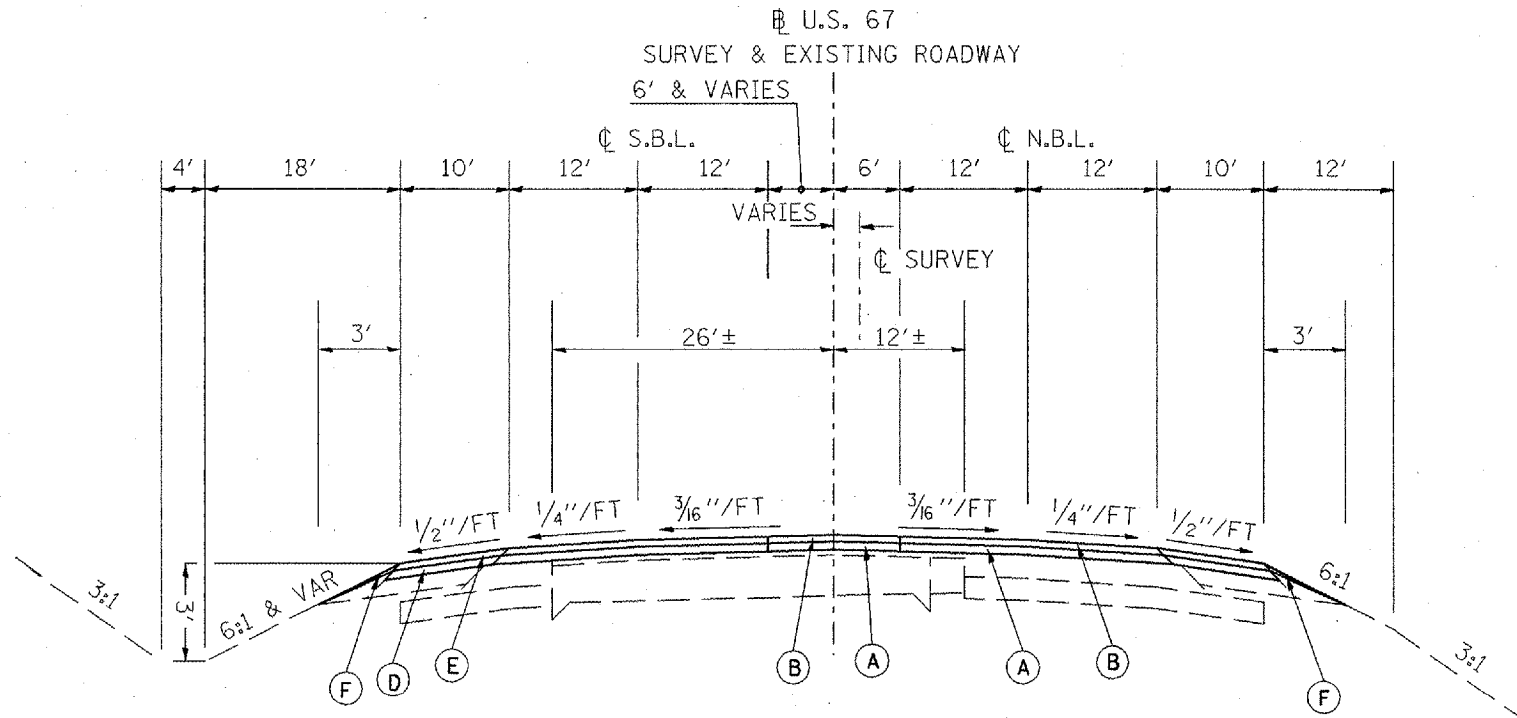
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING
TYPICAL SECTIONS
(SIDE ROADS)

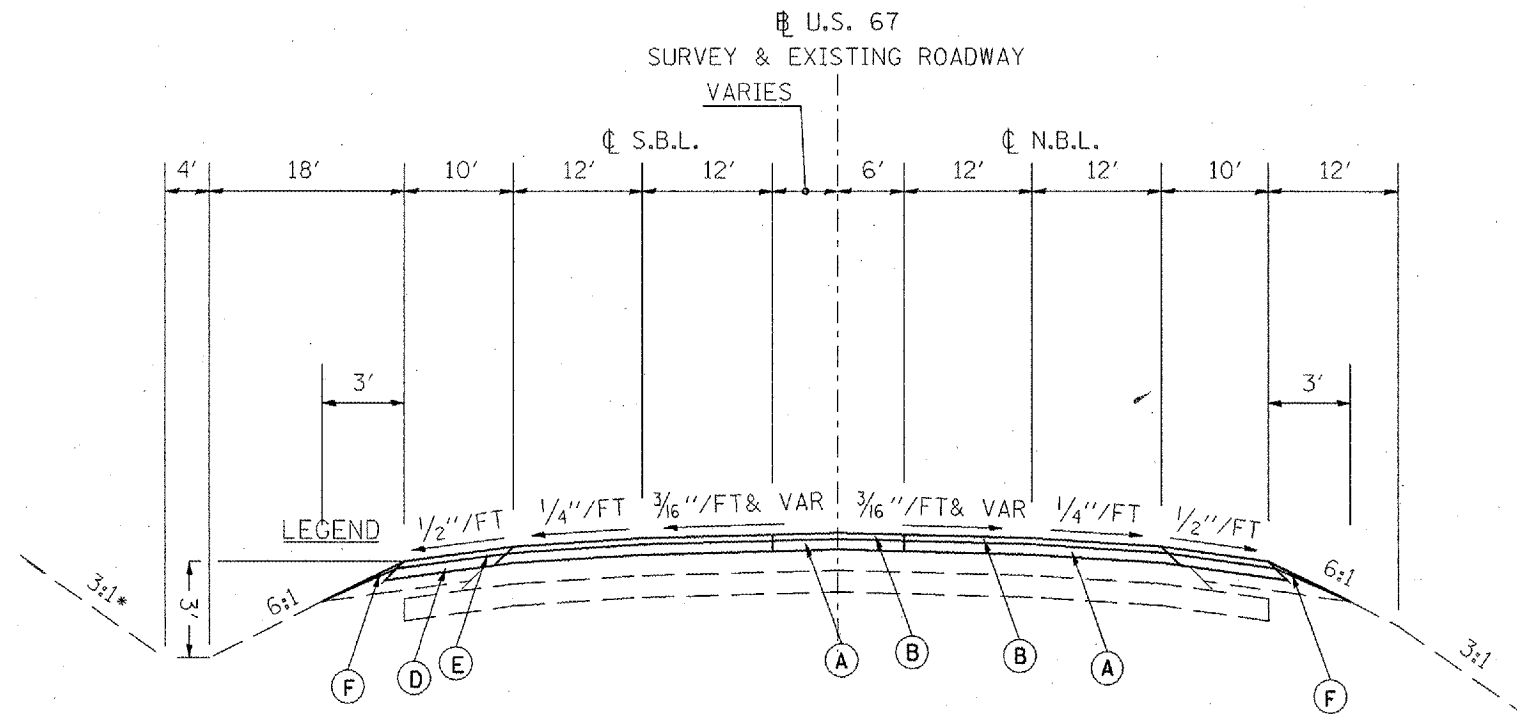
SCALE: VERT. NOT TO SCALE
HORIZ. DATE
DRAWN BY CADD
CHECKED BY

PLOT DATE: 3/23/2005
 PLOT SCALE: 1/8" = 1'-0"
 REFERENCE: 01019

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-2)RS	MCDONOUGH	66	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



U.S. ROUTE 67
STA 61+00 - STA 76+00



U.S. ROUTE 67
STA 76+00 - STA 78+82

LEGEND

- (A) POLYMERIZED BIT CONC BINDER CSE, SUPERPAVE, IL-19.0, N70, 2.5"
- (B) POLYMERIZED BIT CONC SURFACE CSE, SUPERPAVE, MIX D, N70, 2"
- (C) BIT CONC SURFACE CSE, SUPERPAVE, MIX D, N50, 2"
- (D) BIT CONC BINDER CSE, SUPERPAVE, IL-19.0 L (LE), 2.5"
- (E) BIT CONC SURFACE CSE, SUPERPAVE, IL-9.5 L (LE), MIX C, N30, 2"
- (F) AGGREGATE SHOULDERS, TYPE B

PLOT DATE: 3/23/2006
 PLOT SCALE: 1/8" = 1'-0"
 REFERENCE: WREF

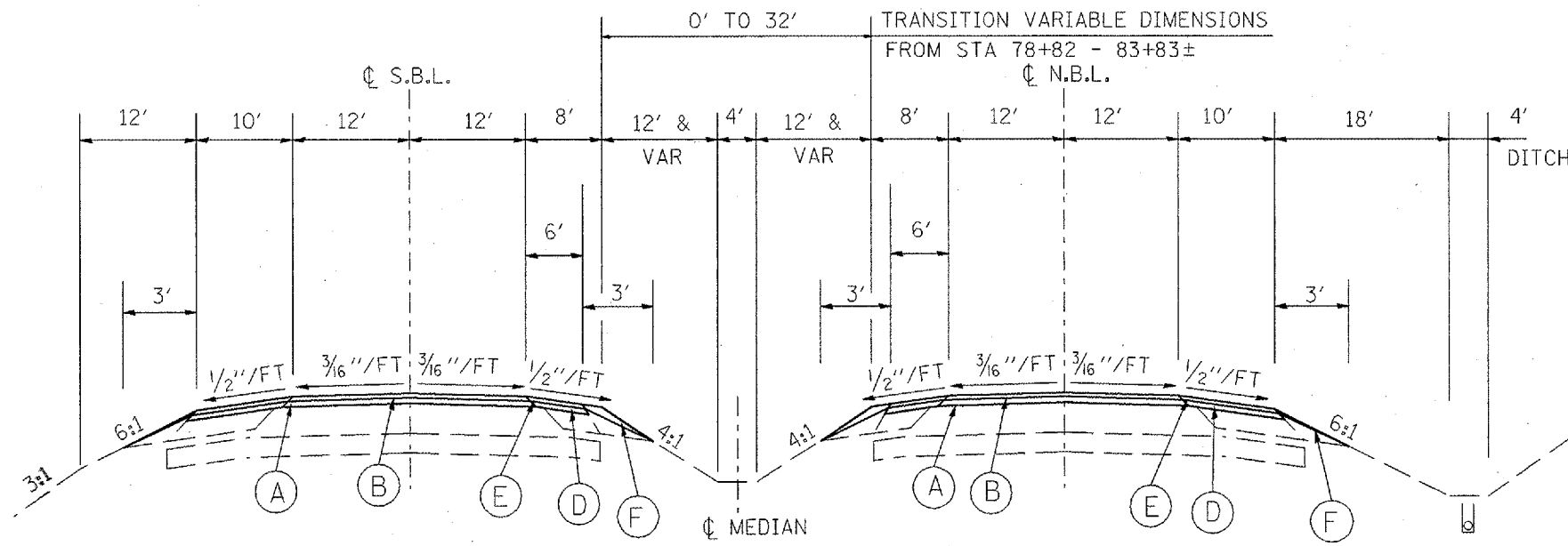
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PROPOSED
TYPICAL SECTIONS**

SCALE: VERT. NOT TO SCALE HORIZ. DATE
DRAWN BY CADD CHECKED BY

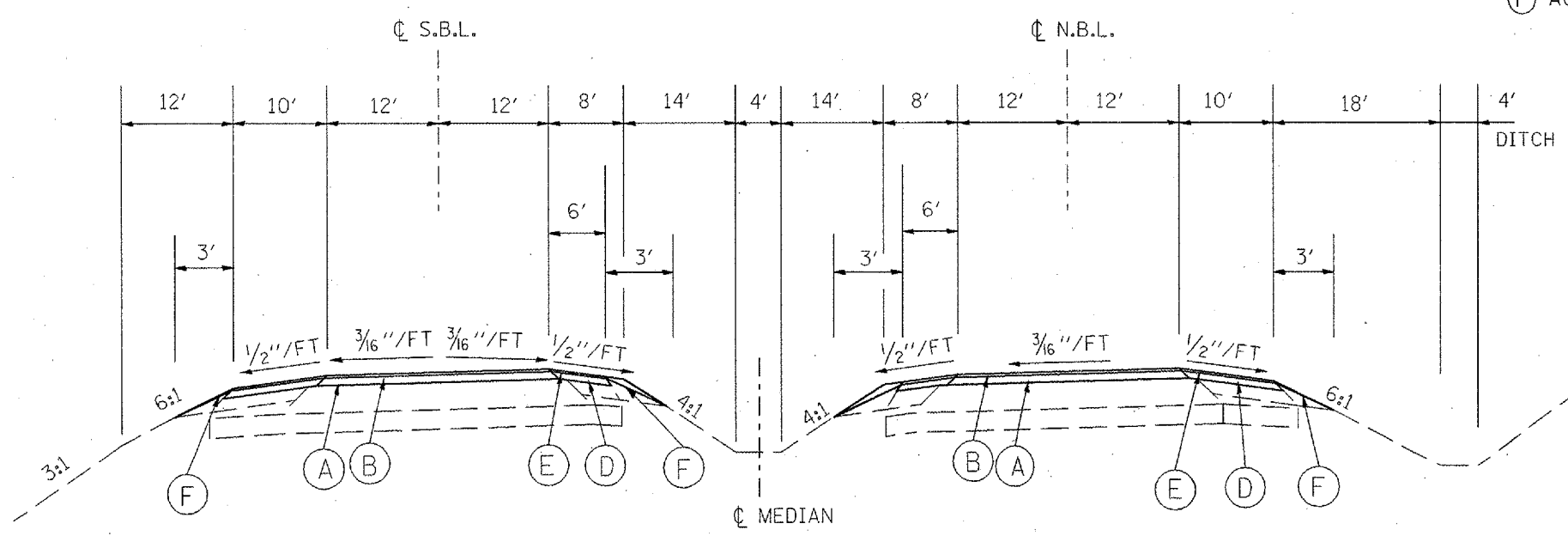
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-2RS	MCDONOUGH	66	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



U.S. ROUTE 67
 STA 78+82 - STA 88+77.88
 STA 107+26.37 - STA 120+72.51
 STA 125+30.42 - STA 129+77.92
 STA 133+75.92 - STA 141+02.86

LEGEND

- (A) POLYMERIZED BIT CONC BINDER CSE, SUPERPAVE, IL-19.0, N70, 2.5"
- (B) POLYMERIZED BIT CONC SURFACE CSE, SUPERPAVE, MIX D, N70, 2"
- (C) BIT CONC SURFACE CSE, SUPERPAVE, MIX D, N50, 2"
- (D) BIT CONC BINDER CSE, SUPERPAVE, IL-19.0 L (LE), 2.5"
- (E) BIT CONC SURFACE CSE, SUPERPAVE, IL-9.5 L (LE), MIX C, N30, 2"
- (F) AGGREGATE SHOULDERS, TYPE B



U.S. ROUTE 67
 STA 88+77.88 - STA 107+26.37
 STA 120+72.51 - STA 125+30.42
 STA 129+77.92 - STA 133+75.92

REVISIONS	
NAME	DATE

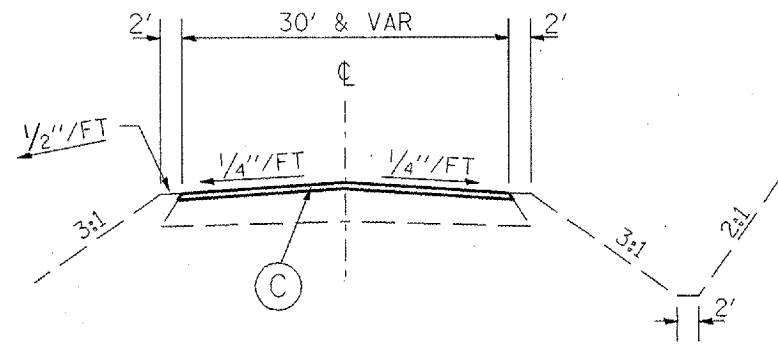
ILLINOIS DEPARTMENT OF TRANSPORTATION

**PROPOSED
TYPICAL SECTIONS**

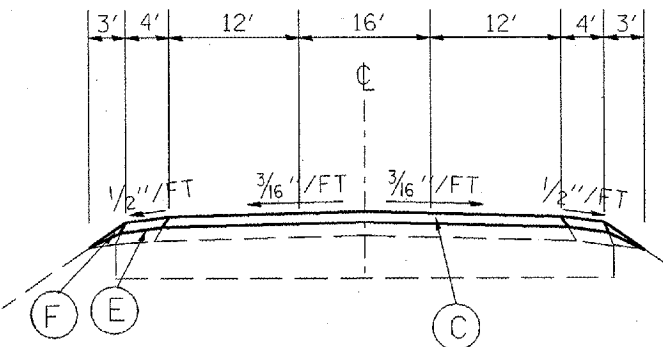
SCALE: VERT. NOT TO SCALE
 HORIZ. DATE
 DRAWN BY CADD
 CHECKED BY

PLT DATE = 2/23/2006
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 PLOT SCALE = 1/8" = 1'-0"
 REFERENCE = NREF

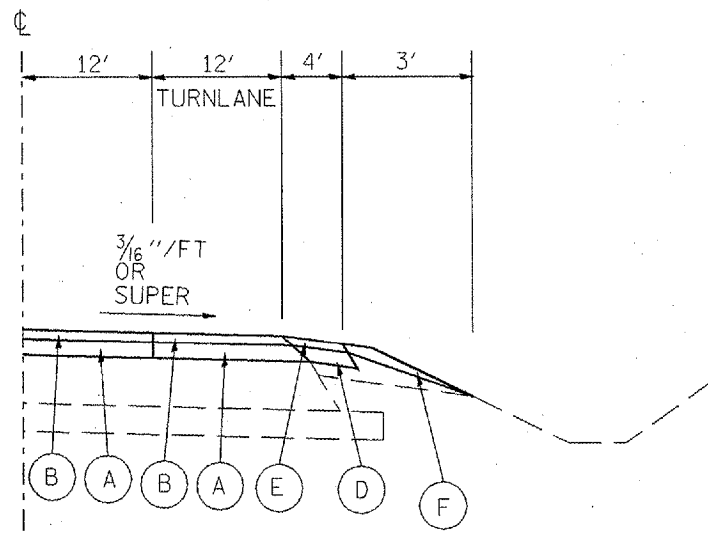
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	C38-2RS	MCDONOUGH	66	16
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



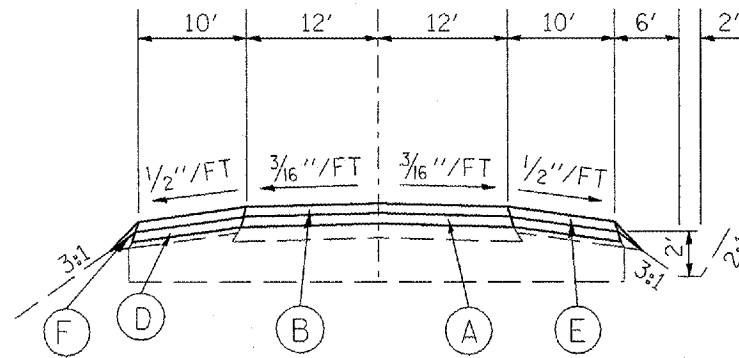
KROHE ROAD/HURST DRIVE
STA 10+11.85 - STA 10+70.24



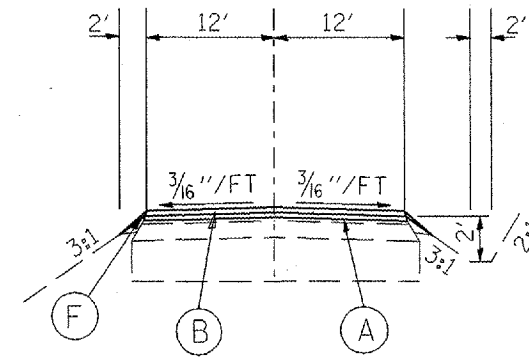
NEW BURLINGTON ROAD
STA 10+30 - STA 11+10



LEFT AND RIGHT TURN LANE ON MAINLINE



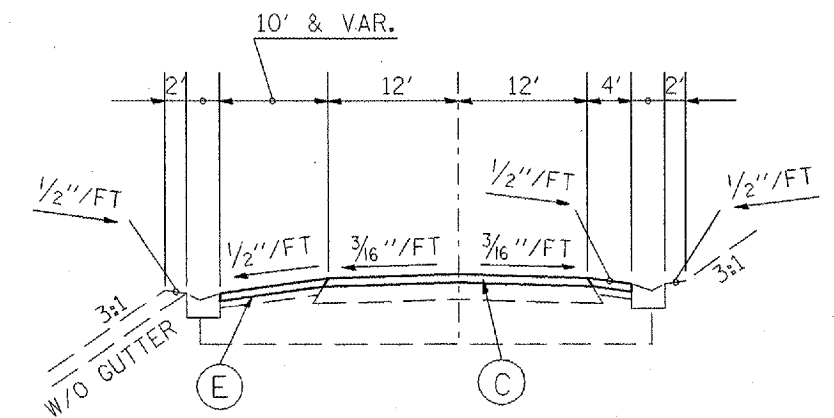
DOG POUND DRIVE
STA 10+58.74 - 11+11.13



DOG POUND DRIVE
STA. 11+11.13 - 13+30

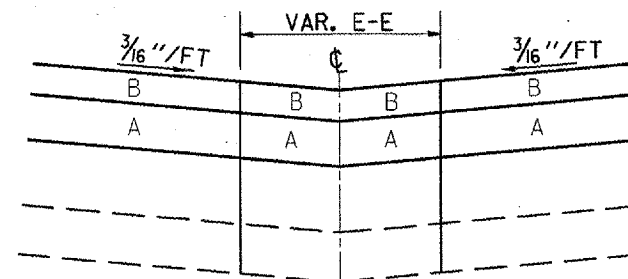
LEGEND

- (A) POLYMERIZED BIT CONC BINDER CSE, SUPERPAVE, IL-19.0, N70, 2.5"
- (B) POLYMERIZED BIT CONC SURFACE CSE, SUPERPAVE, MIX D, N70, 2"
- (C) BIT CONC SURFACE CSE, SUPERPAVE, MIX D, N50, 2"
- (D) BIT CONC BINDER CSE, SUPERPAVE, IL-19.0 L (LE), 2.5"
- (E) BIT CONC SURFACE CSE, SUPERPAVE, IL-9.5 L (LE), MIX C, N30, 2"
- (F) AGGREGATE SHOULDERS, TYPE B



TOWER ROAD
STA 7+96.66 - STA 9+48.47

MEDIAN CROSSOVERS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TYPICAL SECTIONS (SIDE ROADS)

SCALE: VERT. _____
HORIZ. _____

DATE _____ DRAWN BY _____
CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-2RS	MCDONOUGH	66	17
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ITEM	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	TEMPORARY SEEDING (2 APPS)	MULCH, METHOD 2
LOCATION	ACRE	POUND	POUND	POUND	ACRE	ACRE
SB LT STA 58+44 - 59+73	0.01	0.9	0.9	0.9	0.02	0.01
NB RT STA 58+50 - 59+46	0.01	0.9	0.9	0.9	0.02	0.01
SB LT STA 59+23 - 59+77	0.01	0.9	0.9	0.9	0.02	0.01
SB LT STA 60+04 - 63+68	0.03	2.7	2.7	2.7	0.06	0.03
SB LT STA 64+30 - 64+50	0.01	0.9	0.9	0.9	0.02	0.01
NB RT STA 67+47 - 71+60	0.04	3.6	3.6	3.6	0.08	0.04
SB LT STA 76+50 - 78+53	0.02	1.8	1.8	1.8	0.04	0.02
MEDIAN STA 79+00 - 83+74	0.04	3.6	3.6	3.6	0.08	0.04
MEDIAN STA 90+73 - 95+60	0.04	3.6	3.6	3.6	0.08	0.04
SB LT STA 119+69 - 120+21	0.01	0.9	0.9	0.9	0.02	0.01
NB RT STA 119+87 - 120+78	0.01	0.9	0.9	0.9	0.02	0.01
NB RT STA 121+35 - 121+85	0.01	0.9	0.9	0.9	0.02	0.01
SB LT STA 138+30 - 141+42	0.03	2.7	2.7	2.7	0.06	0.03
TOTAL	0.27	24.3	24.3	24.3	0.54	0.27

REMOVAL OF EXISTING METAL END SECTIONS	
LOCATION	EACH
SB LT STA 59+74.50	1
SB LT STA 63+67.30	1
TOTAL	2

PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE, 24"	
STATION TO STATION	FOOT
LT STA 119+65 - 120+25	60
LT STA 121+99.70 - 122+19.70	20
TOTAL	80

PERIMETER EROSION BARRIER	
LOCATION	FOOT
SB LT STA 60+00	115.8
NB RT STA 72+15	118.3
MEDIAN STA 83+75	23.5
SB LT STA 102+00	357.3
NB RT STA 112+25	58.3
SB LT STA 120+25	193.6
NB RT STA 121+00	145.1
TOTAL	1011.9

GRADING & SHAPING DITCHES	
LOCATION	FOOT
NB RT STA 58+50 - 59+46	96
SB LT STA 60+04 - 63+68	371
NB RT STA 67+47 - 71+60	413
SB LT STA 76+50 - 78+53	204
MEDIAN STA 79+00 - 83+74	473
MEDIAN STA 90+73 - 95+60	487
SB LT STA 138+30 - 141+42	312
TOTAL	2356

FURNISHED EXCAVATION	
LOCATION	CU YD
SB LT STA 58+44 - 59+73	12.8
SB LT STA 59+23 - 59+77	7.9
SB LT STA 64+30 - 64+50	27.8
SB LT STA 119+69 - 120+21	6.7
NB RT 119+87 - 120+78	44.4
NB RT 121+35 - 121+85	16.7
TOTAL	116.3

METAL END SECTIONS 15"	
STATION	EACH
LT STA 63+67.30	1
TOTAL	1

METAL END SECTIONS 24"	
STATION	EACH
LT STA 59+74.20	1
LT STA 120+25	1
LT STA 121+99.70	1
TOTAL	3

INLET & PIPE PROTECTION	
LOCATION	EACH
SB LT STA 63+68	1
SB LT STA 102+38	1
NB RT STA 112+17	1
SB LT STA 120+25	1
TOTAL	4

GRADING EXISTING SHOULDER	
LOCATION	UNIT
NB RT STA 56+45 - 61+60	5.2
SB LT STA 56+84 - 61+60	4.8
TOTAL	10.0

MOWING	
LOCATION	UNIT
PROJECT LIMITS	78.8
TOTAL	78.8

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: VERT. DATE

DRAWN BY CHECKED BY

PLOT DATE : 3/23/2005
 FILE NAME : s:\projects\68334\sheet.dgn
 PLOT SCALE : 1/8" = 1'-0"
 REFERENCE : SHEET

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-2/RS	MCDONOUGH	66	18
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TEMPORARY RAMPS	
LOCATION	SQ YD
MILL SOUTHBOUND DRIVING LANE	
AT NEW BURLINGTON ROAD	81.3
AT HURST DRIVE	40.0
AT TOWER ROAD	86.7
AT PRIVATE DRIVES	301.7
MILL SOUTHBOUND PASSING LANE	
AT NEW BURLINGTON ROAD	48.0
AT HURST DRIVE	40.0
AT TOWER ROAD	40.0
AT PRIVATE DRIVES	376.7
MILL NORTHBOUND PASSING LANE	
AT NEW BURLINGTON ROAD	48.0
AT HURST DRIVE	40.0
AT TOWER ROAD	40.0
AT PRIVATE DRIVES	364.0
MILL NORTHBOUND DRIVING LANE	
AT DOG POUND DRIVE	40.0
AT PRIVATE DRIVES	133.3
MILL TURN LANES	
AT NEW BURLINGTON ROAD	42.0
AT HURST DRIVE	40.0
AT TOWER ROAD	40.0
AT DOG POUND DRIVE	40.0
AT PRIVATE DRIVES	46.7
MILL MEDIAN	
AT PRIVATE DRIVES	334.8
MILL MEDIAN CROSSOVERS	
AT HURST DRIVE	103.3
AT TOWER ROAD	66.7
AT PRIVATE DRIVES	331.8
MILL SIDE ROADS	
NEW BURLINGTON ROAD	73.1
HURST DRIVE	46.7
DOG POUND DRIVE	40.4
TOWER ROAD	69.3
ON NEW BINDER	
MAINLINE	227.4
TOTALS	3181.9

AGGREGATE FOR DRIVEWAY MAINTENANCE		
LOCATION	SQ FT	TON
LT STA 64+89	320	5.1
LT STA 65+78	240	3.8
LT STA 66+67	280	4.4
RT STA 67+25	240	3.8
RT STA 74+15	240	3.8
LT STA 74+15	180	2.8
LT STA 75+84	300	4.7
LT STA 78+72	200	3.2
RT STA 90+50	160	2.5
RT STA 111+96	160	2.5
LT STA 123+38	120	1.9
RT STA 127+85	160	2.5
LT STA 127+94	240	3.8
LT STA 138+03	350	5.5
TOTAL		50.3

BITUMINOUS MATERIALS (PRIME COAT)	
LOCATION	TON
MILLED SURFACE @ 0.1 GAL/SQ YD	
MAINLINE SHOULDERS	10.12
SIDEROAD SHOULDERS	0.18
CROSSOVERS	0.44
MEDIAN	1.19
TURN LANES	1.11
MAINLINE	16.60
SIDEROADS	0.92
NEW BINDER @ 0.03 GAL/SQ YD	
MAINLINE SHOULDERS	3.04
DOG POUND DRIVE	0.12
CROSSOVERS	0.13
MEDIAN	0.36
TURN LANES	0.33
MAINLINE	4.98
TOTAL	39.52

AGGREGATE (PRIME COAT)	
LOCATION	TON
MILLED SURFACE @ 4 LB/SQ YD	
MAINLINE SHOULDERS	50.9
SIDEROAD SHOULDERS	0.9
CROSSOVERS	2.2
MEDIAN	5.9
TURN LANES	5.5
MAINLINE	93.1
SIDEROADS	4.6
NEW BINDER @ 2 LB/SQ YD	
MAINLINE SHOULDERS	25.3
SIDEROAD SHOULDERS	0.1
CROSSOVERS	1.1
MEDIAN	3.0
SIDEROAD	0.9
TURN LANES	2.8
MAINLINE	46.7
TOTAL	243.0

CONSTRUCTING TEST STRIP	
LOCATION	EACH
MAINLINE BINDER	1
MAINLINE SURFACE	1
TOTAL	2

MATERIAL TRANSFER DEVICE	
LOCATION	TON
MAINLINE SURFACE	5496.9
TOTAL	5496.9

PLOT DATE: 5/20/2008
 PLOT SCALE: 1/8"=1'-0"
 PLOT REFERENCE: REF

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: VERT. _____ HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-2)RS	MCDONOUGH	66	19
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

BITUMINOUS RESURFACING

LOCATION	AREA	BIT SURF REMOVAL BT JT	BIT SURF REMOVAL (4 1/2")	POLY BCSC SUPERPAVE MIX D, N50 (2")	POLY BCBC SUPERPAVE IL 19.0, N50 (2.5")
	SQ FT	SQ YD	SQ YD	TON	TON
CROSSOVERS					
STA 90+50	1591.3		176.8	19.8	24.8
STA 96+00	1719.5		191.1	21.4	26.8
STA 112+00	2397.6		266.4	29.8	37.3
STA 128+00	2397.0		266.3	29.8	37.3
STA 138+00	1669.6		185.5	20.8	26.0
MEDIAN					
STA 61+00 - 61+60	630.0	70.0		7.8	9.8
STA 61+60 - 78+82.04	25862.5		2873.6	321.9	405.2
TURN LANES					
RT. STA. 86+60.64 - 91+08.71	4109.2	27.3	440.7	51.1	63.9
RT. STA 91+08.71 - 96+92.23	5272.7		585.9	65.6	82.0
LT. STA 95+00 - 101+43.60	5055.5		561.7	63.0	78.6
LT. STA 95+39.04 - 100+95.88	4962.3		551.4	61.8	78.2
RT. STA 133+50.18 - 139+00	4773.2		530.4	59.4	74.3
TOTALS		97.3	6629.8	752.2	944.2

APPLICATION RATE = 112 LB/SQ YD/IN

BITUMINOUS RESURFACING - MAINLINE

LOCATION	AREA	BIT SURF REMOVAL BUTT JT	BIT SURF REMOVAL (4 1/2")	POLY BCSC SUPERPAVE MIX D, N50 (2")	POLY BCBC SUPERPAVE IL 19.0, N50 (2.5")
	SQ FT	SQ YD	SQ YD	TON	TON
SOUTH BOUND					
STA 61+00 - 61+60	1500.0	166.7		18.7	23.3
STA 61+60 - 83+55.06	53722.9		5969.2	668.6	835.7
STA 83+55.06 - 84+15.06	1440.0	160.0		17.9	22.4
BRIDGE OMISSION					
STA 86+85.40 - 87+45.40	1440.0	160.0		17.9	22.4
STA 87+45.40 - 104+42.87	127139.3		14126.6	1582.2	1977.7
STA 140+42.87 - 141+02.87	1440.0	160.0		17.9	22.4
NORTH BOUND					
STA 61+00 - 61+60	1470.0	163.3		18.3	22.9
STA 61+60 - 83+30.30	53172.4		5908.0	661.7	827.1
STA. 83+30.30 - 83+90.30	1470.0	163.3		18.3	22.9
BRIDGE OMISSION					
STA 86+60.64 - 87+20.64	1440.0	160.0		17.9	22.4
STA 87+20.64 - 140+42.87	127733.5		14192.6	1589.6	1987.0
STA 140+42.87 - 141+02.87	1440.0	160.0		17.9	22.4
TOTALS		1293.3	40196.4	4646.9	5808.6

APPLICATION RATE = 112 LB/SQ YD/IN

PLOT DATE = 3/23/2006
 PLOT SCALE = 1/8"=1'-0"
 REFERENCE = WREF

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-2)RS	MCDONOUGH	66	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

BITUMINOUS RESURFACING - SHOULDERS

LOCATION	AREA	BIT SURF REMOVAL BUTT JT	BIT SURF REMOVAL (4 1/2")	BCSC SUPERPAVE IL 9.5L LE (2")	BCBC SUPERPAVE IL 19.0L LE (2.5")
	SQ FT	SQ YD	SQ YD	TON	TON
SOUTHBOUND					
LT. STA 56+84.00 - 57+44.00	544.8	60.5		6.8	8.5
LT. STA 57+44 - 64+70.18	7213.9		801.5	89.7	54.7
LT. STA. 65+07.64 - 65+63.55	467.2		51.9	5.8	7.3
LT. STA. 65+92.13 - 66+50.32	488.7		54.3	6.1	7.6
LT. STA. 66+83.34 - 71+26.34	4289.6		476.6	53.4	66.7
LT. STA 72+07.28 - 83+95.71	11823.3		1313.7	147.1	183.9
LT. STA 83+95.71 - 84+55.71	600.0	66.7		7.5	9.3
LT. STA 86+53.67 - 87+13.67	600.0	66.7		7.5	9.3
LT. STA 87+13.67 - 90+27.47	3079.1		342.1	38.3	47.9
LT. STA. 90+71.49 - 95+39.94	4486.2		498.5	55.8	69.8
LT. STA 96+79.35 - 140+42.87	43516.1		4835.1	541.5	676.9
LT. STA 140+42.87 - 141+02.87	600.0	66.7		7.5	9.3
RT. STA 78+82.04 - 83+80.49	2999.5		333.3	37.3	46.7
RT. STA 83+80.49 - 84+40.49	360.0	40.0		4.5	5.6
RT. STA 86+38.45 - 86+98.45	360.0	40.0		4.5	5.6
RT. STA 86+98.45 - 90+26.78	1984.9		220.5	24.7	30.9
RT. STA 90+64.65 - 95+69.86	3086.6		343.0	38.4	48.0
RT. STA 96+46+37 - 111+89.98	8620.2		950.2	106.4	134.1
RT. STA 112+12.02 - 127+81.93	9458.5		1050.9	117.7	147.1
RT. STA 128+06.15 - 137+85.35	5903.4		655.9	73.5	91.8
RT. STA 138+21.06 - 140+42.87	1356.3		150.7	16.9	21.1
RT. STA 140+42.87 - 141+02.87	360.0	40.0		4.5	5.6
TOTALS		380.6	12078.2	1395.4	1687.7

APPLICATION RATE = 112 LB/SQ YD/IN

LOCATION	AREA	BIT SURF REMOVAL BUTT JT	BIT SURF REMOVAL (4 1/2")	BCSC SUPERPAVE IL 9.5L LE (2")	BCBC SUPERPAVE IL 19.0L LE (2.5")
	SQ FT	SQ YD	SQ YD	TON	TON
NORTHBOUND					
RT. STA 55+00 - 56+00	708.6	78.7		8.8	11.0
RT. STA 56+00 - 83+54.28	27542.8		3060.3	342.8	428.4
RT. STA. 83+54.28 - 84+14.28	600.0	66.7		7.5	9.3
RT. STA. 86+12.24 - 86+72.24	600.0	66.7		7.5	9.3
RT. STA 86+72.24 - 95+42.36	8568.1		952.0	106.6	133.3
RT. STA 96+10.02 - 140+42.87	44212.3		4912.5	550.2	687.8
RT. STA 140+42.87 - 141+02.87	600.0	66.7		7.5	9.3
LT. STA 78+82.04 - 83+69.50	2935.1		326.1	36.5	45.7
LT. STA. 83+69.50 - 84+29.50	360.0	40.0		4.5	5.6
LT. STA. 86+27.46 - 86+87.46	262.5	29.2		3.3	4.1
LT. STA 86+87.46 - 90+26.78	1343.3		149.3	16.7	20.9
LT. STA 90+64.65 - 95+69.86	2052.3		228.0	25.5	31.9
LT. STA 96+46.37 - 111+89.98	9282.7		1031.4	115.5	144.4
LT. STA 112+12.02 - 127+81.93	9458.2		1050.9	117.7	147.1
LT. STA 128+06.15 - 137+85.35	5284.8		587.2	65.8	82.2
LT. STA 138+21.06 - 140+42.87	1333.0		148.1	16.6	20.7
LT. STA 140+42.87 - 141+02.87	360.0	40.0		4.5	5.6
TOTALS		388.0	12445.8	1437.5	1796.6

APPLICATION RATE = 112 LB/SQ YD/IN

PLOT DATE = 3/25/2005
 PLOT SCALE = 1/8"=30'0" / IN.
 REFERENCE = 01010

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	SCHEDULE OF QUANTITIES	
SCALE: VERT. _____		DRAWN BY _____	
DATE _____		CHECKED BY _____	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-21RS	MCDONOUGH	66	21
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BITUMINOUS RESURFACING - SIDEROADS

LOCATION	AREA SHOULDER	AREA MAINLINE	BIT SURF REMOVAL BUTT JT	BIT SURF REMOVAL 1/2" MAINLINE	BIT SURF REMOVAL 2"	*BIT SURF REMOVAL VAR DEPTH MAINLINE	*BIT SURF REMOVAL VAR DEPTH SHOULDER	POLY BCSC SUPERPAVE MIX D, N50 (2")	POLY BCBC SUPERPAVE IL 19.0, N50 (2.5")	BCSC SUPERPAVE IL 9.5L LE (2")	BCBC SUPERPAVE IL 19.0L LE (2.5")	INCIDENTAL BITUMINOUS SURFACE (2")
	SQ FT	SQ FT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	TON	TON		TON
NEW BURLINGTON RD.	388.7	3074.6	182.5		202.4					4.9		38.3
DOG POUND DRIVE	1130.6	7861.6	76.1	500.0		297.4	125.6	97.8	122.3	14.0	17.6	
HURST DRIVE		2253.1	112.9		137.5							28.0
TOWER RD.	2513.4	8294.1	133.9		980.3					31.2		141.3
TOTALS			505.4	500.0	1320.2	297.4	125.6	97.8	122.3	50.1	17.6	207.6

APPLICATION RATE = 112 LB/SQ YD/IN

*PAID AS BITUMINOUS SURFACE REMOVAL 4-1/2"

GUARDRAIL REMOVAL

LOCATION	SPBGR REMOVAL
	FOOT
NB RT. STA. 81+44.08 - 84+35.83	291.8
NB LT. STA. 82+84.17 - 84+50.40	166.2
SB LT. STA. 83+58.44 - 84+60.96	102.5
SB RT STA 84+18.88 - 84+46.40	27.5
NB RT. STA. 86+14.74 - 87+17.26	102.5
SB RT. STA. 86+25.30 - 87+91.53	166.2
NB LT STA 86+29.30 - 86+56.82	27.5
SB LT. STA. 86+39.86 - 90+06.62	366.8
TOTAL	1251.0

GUARDRAIL

LOCATION	TBT, TYPE 1 SPECIAL (TANGENT)	SPBGR, TYPE A	TBT, TYPE 5	TBT, TYPE 6B	TBT, TYPE 2	GUARDRAIL MARKERS, TYPE A	TERMINAL MARKER - DIRECT APPLIED
	EACH	FOOT	EACH	EACH	EACH	EACH	EACH
NB LT. STA. 81+98.44 - 84+44.69	1	150.0		1		4	1
NB RT. STA. 82+52.15 - 84+35.90	1	87.5		1		3	1
NB RT. STA. 86+19.69 - 86+57.94		12.5	1		1	1	
SB LT. STA. 84+17.70 - 84+55.95		12.5	1		1	1	
SB RT. STA. 86+30.96 - 88+77.21	1	150.0		1		4	1
SB LT. STA. 86+39.84 - 90+23.59	1	287.5		1		5	1
TOTAL	4	700.0	2	4	2	18	4

PERMANENT SURVEY MARKERS TYPE II

LOCATION	EACH
STA. 65+00	1
STA. 75+00	1
STA. 96+11.02	1
TOTAL	3

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: VERT. HORIZ. DATE

DRAWN BY CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-2RS	MCDONOUGH	66	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SHORT TERM PAVEMENT MARKING (2 LIFTS)

STATION TO STATION	4" WHITE	4" YELLOW
CENTERLINES	FOOT	FOOT
NB STA 61+00 - 141+02.87	728.0	
SB STA 61+00 - 141+02.87	728.0	
TOWER ROAD		20.0
DOG POUND DRIVE		24.0
EDGELINES		
NB RT STA 55+00 - 95+12.60	164.0	
NB RT STA 96+40.39 - 141+02.87	180.0	
NB LT STA 78+82.04 - 84+29.50		28.0
NB LT STA 96+46.37 - 111+89.98		68.0
NBLT STA 112+12.02 - 127+81.93		68.0
NB LT STA 128+06.15 - 133+50.18		28.0
NB LT STA 138+21.06 - 141+02.87		16.0
SB LT STA 56+84 - 70+96.41	60.0	
SB LT STA 73+36.41 - 90+05.30	76.0	
SB LT STA 90+94.38 - 95+00	20.0	
SB LT STA 97+20.72 - 141+02.87	180.0	
SB RT STA 78+82.04 - 84+40.49		28.0
SB RT STA 86+38.45 - 90+26.78		20.0
SB RT STA 90+64.65 - 90+69.86		24.0
SB RT STA 100+95.88 - 111+89.98		48.0
SB RT STA 112+12.02 - 127+81.93		68.0
SB RT STA 128+06.15 - 137+85.35		44.0
SB RT STA 138+21.06 - 141+02.87		16.0
DOG POUND DRIVE	16.0	
MEDIAN		
RT STA 61+00 - 78+31.55		160.0
LT STA 61+00 - 78+31.55		160.0
TURN LANES		
NB STA 77+70.27 - 78+30.27	8.0	
NB STA 88+45.96 - 89+89.96	16.0	
NB STA 93+39.91 - 95+27.98	20.0	
SB STA 96+70.59 - 98+66.16	20.0	
SB STA 97+20.75 - 99+15.48	20.0	
NB STA 135+80.37 - 137+75.37	20.0	
NEW BURLINGTON ROAD	12.0	12.0
SUB-TOTALS	2268.0	832.0
TOTAL (X 2 LIFTS)	6200.0	

TEMPORARY & EPOXY PAVEMENT MARKINGS - LETTERS & SYMBOLS

LOCATION	NO.	SQ FT
LEFT TURN LANES (WHITE)		
STA 77+71.50 - 78+10.50	2	31.2
STA 88+60.53 - 89+60.53	2	31.2
STA 93+73.35 - 94+98.35	2	31.2
STA 97+00.70 - 98+25.70	2	31.2
STA 135+95.40 - 137+4540	2	31.2
RIGHT TURN LANE (WHITE)		
STA 97+50.60 - 98+75.60	2	31.2
DUAL LEFT TURN LANE (YELLOW)		
STA 62+00	2	31.2
STA 64+00	2	31.2
STA 66+00	2	31.2
STA 68+00	2	31.2
STA 70+00	2	31.2
STA 73+00	2	31.2
STA 75+00	2	31.2
NEW BURLINGTON ROAD		
RIGHT TURN (WHITE)	1	15.6
LEFT TURN (WHITE)	1	15.6
TOTALS	28	436.8

TEMPORARY & PREFORMED PLASTIC PAVEMENT MARKING, TY B LINE 6"

SOUTHBOUND	SKIP DASH WHITE (FT)
STA 61+00 - 141+02.87	2000.0
NORTHBOUND	
STA 61+00 - 141+02.87	2000.0
TOTALS	4000.0

TEMPORARY & EPOXY PAVEMENT MARKING LINE 8"

LOCATION	RT TURN LANE WHITE (FT)	LT TURN LANE WHITE (FT)
MEDIAN STA 77+70.27 - 78+30.27		60.0
NB STA 88+45.96 - 89+89.96		144.0
NB STA 93+39.91 - 95+27.98		188.0
SB STA 96+70.59 - 98+66.16		196.0
SB STA 97+20.75 - 99+15.48	195.0	
NB STA 135+80.37 - 137+75.37		195.0
TOTAL	978.0	

TEMPORARY & EPOXY PAVEMENT MARKING LINE 12"

LOCATION	CHEVRONS YELLOW (FT)
MEDIAN STA 76+09.81 - 78+31.55	233.9
NEW BURLINGTON ROAD	64.5
TOTAL	298.4

WORK ZONE PAVEMENT MARKING REMOVAL

LOCATION	SQ FT
CENTERLINES	507.9
TURN LANE LINES	34.6
MEDIAN	106.7
EDGELINES	383.9
TOTALS	1033.1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: VERT. HORIZ. DATE

DRAWN BY CHECKED BY

PLOT DATE: 3/25/2008
 PLOT NAME: 68334A.dwg
 PLOT SCALE: 1/8"=1'-0"
 REFERENCE: *WREF*

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-21RS	MCDONOUGH	66	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TEMPORARY & EPOXY PAVEMENT MARKING - LINE 4"

STATION TO STATION	SOLID WHITE	SOLID YELLOW	SKIP-DASH YELLOW	DOUBLE YELLOW
LOCATION	FOOT	FOOT	FOOT	FOOT
EDGELINES				
NB RT STA 55+00 - 95+12.60	4012.6			
NB RT STA 96+40.39 - 141+02.87	4462.5			
NB LT STA 61+00 - 76+30.80		1530.8		
NB LT STA 78+31.55 - 89+90.53		1159.0		
NB LT STA 89+90.53 - 95+28.37		537.8		
NB LT STA 95+28.37 - 137+75.37		4247.0		
NB LT STA 137+75.37 - 141+02.87		327.5		
SB LT STA 56+84 - 71+00	1416.0			
SB LT STA 72+36.41 - 90+05.30	1768.9			
SB LT STA 90+94.38 - 95+00	405.6			
SB LT STA 97+20.72 - 141+02.87	4382.2			
SB RT STA 61+00 - 76+09.81		1509.8		
SB RT STA 78+19.40 - 96+70.68		1851.3		
SB RT STA 96+70.68 - 141+02.87		4432.2		
MEDIAN STA 61+00 - 76+00			760.0	
MEDIAN STA 76+09.81 - 78+31.55				922.8
STA 78+82.04 (NOSE)		91.6		
STA 90+26.78 (NOSE)		46.4		
STA 90+64.88 (NOSE)		101.5		
STA 95+69.86 (NOSE)		87.3		
STA 96+46.37 (NOSE)		83.7		
STA 111+89.98 (NOSE)		144.3		
STA 112+12.02 (NOSE)		147.1		
STA 127+81.93 (NOSE)		147.1		
STA 128+06.15 (NOSE)		153.1		
STA 137+85.35 (NOSE)		115.2		
STA 138+21.06 (NOSE)		134.0		
SIDERoadS				
NEW BURLINGTON ROAD	188.0			161.6
KROHE ROAD	155.8			
DOG POUND DRIVE	617.1			554.6
TOWER ROAD	527.7			301.3
SUB-TOTALS	17936.4	16846.7	760.00	1940.3
TOTAL	37483.4			

TRAFFIC CONTROL & PROTECTION STANDARD 701401

LOCATION	EACH
NORTHBOUND	2
SOUTHBOUND	2
TOTAL	4

TRAFFIC CONTROL & PROTECTION

LOCATION	L SUM
STANDARD 701400	1
STANDARD 701421	1
STANDARD 701422	1
STANDARD 701426	1
STANDARD 701602	1
STANDARD 701701	1

TRAFFIC CONTROL SURVEILLANCE

LOCATION	CAL DA
PROJECT LIMITS	20
TOTAL	20

ENGINEERS FIELD OFFICE, TYPE A

LOCATION	CAL MO
PROJECT LIMITS	2
TOTAL	2

CHANGEABLE MESSAGE SIGN

LOCATION	CAL DAYS
NB LANES	60
SB LANES	60
TOTALS	120

MOBILIZATION

LOCATION	L SUM
PROJECT LIMITS	1
TOTAL	1

PLOT DATE: 3/26/2005
 FILE NAME: c:\p\projects\68334\plans.dgn
 PLOT SCALE: 1/8"=1'-0"
 USER: bmc

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

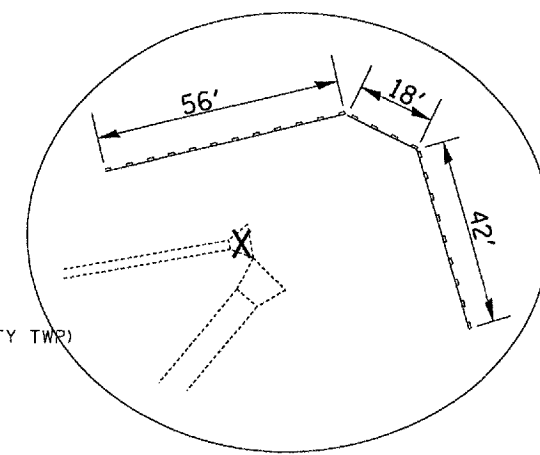
SCHEDULE OF QUANTITIES

SCALE: VERT. DATE
HORIZ.

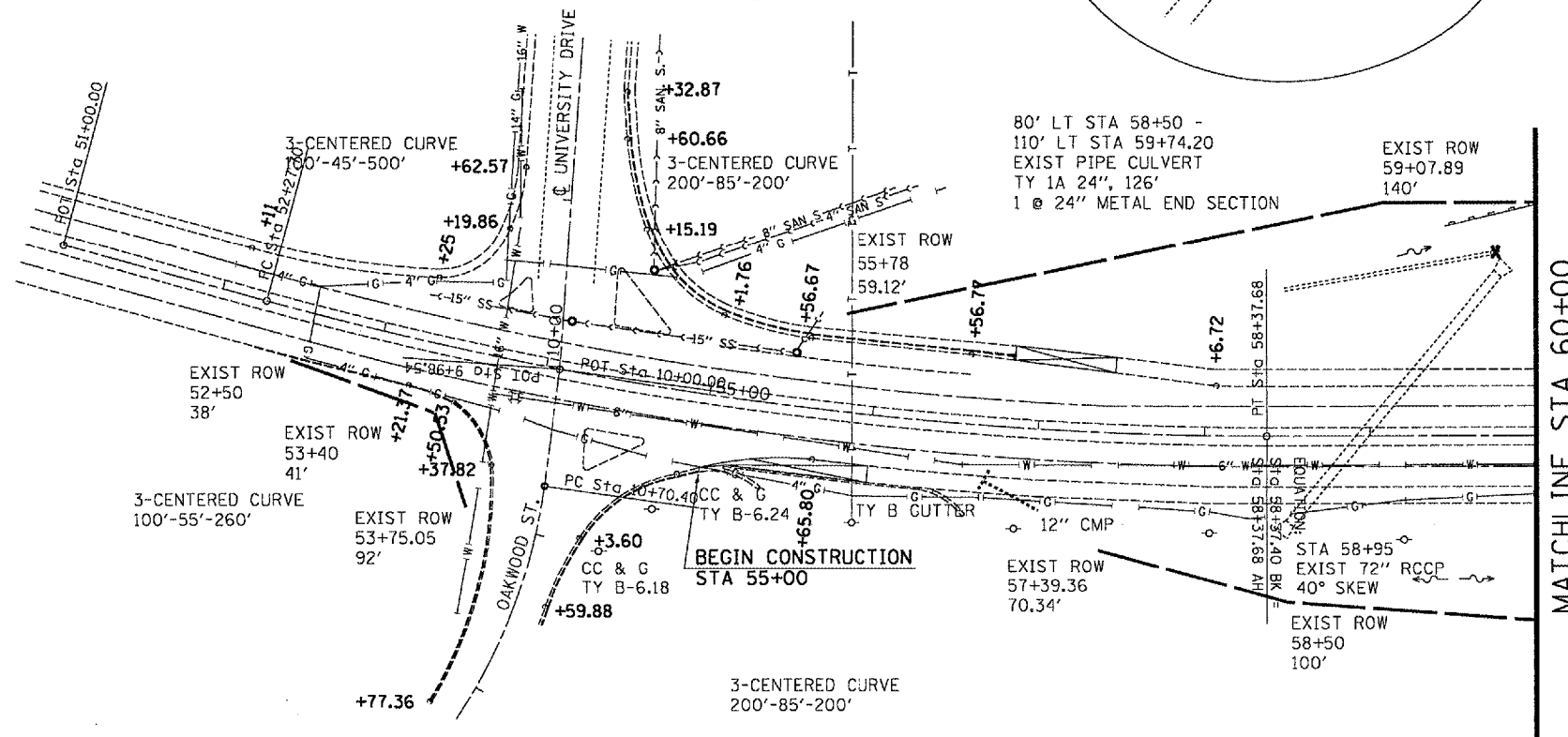
DRAWN BY
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-2RS	MCDONOUGH	66	25
STA. B.O.P.		TO STA. 60+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

EXIST. CURVE @ MEDIAN
 PI STA. = 55+34.36
 $\Delta = 15^\circ 14' 33''$ (LT)
 $D = 2^\circ 30' 00''$
 $R = 2,291.83'$
 $T = 306.66'$
 $L = 609.70'$
 $E = 20.43'$
 S.E. RUN = 0.024 FT/FT
 P.C. STA. = 52+27.70
 P.T. STA. = 58+37.40



T6N R3W 4TH PM (MACOMB CITY TWP)
 SECTION 30



80' LT STA 58+50 -
 110' LT STA 59+74.20
 EXIST PIPE CULVERT
 TY 1A 24", 126'
 1 @ 24" METAL END SECTION

MATCHLINE STA 60+00

EXIST. CURVE OAK1
 PI STA. = 12+31.16
 $\Delta = 51^\circ 00' 18''$ (RT)
 $D = 17^\circ 00' 06''$
 $R = 337.00'$
 $T = 160.76'$
 $L = 300.00'$
 $E = 36.38'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 10+70.40
 P.T. STA. = 13+70.40

T6N R2W 4TH PM (MACOMB CITY TWP)
 SECTION 30



REMOVAL LEGEND

- BUTT JOINT
- GUARDRAIL REMOVAL
- CULVERT REMOVAL

EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- INLET & PIPE PROTECTION
- GRADE & SHAPE DITCH

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING / REMOVAL
 B.O.P. - STA. 60+00

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

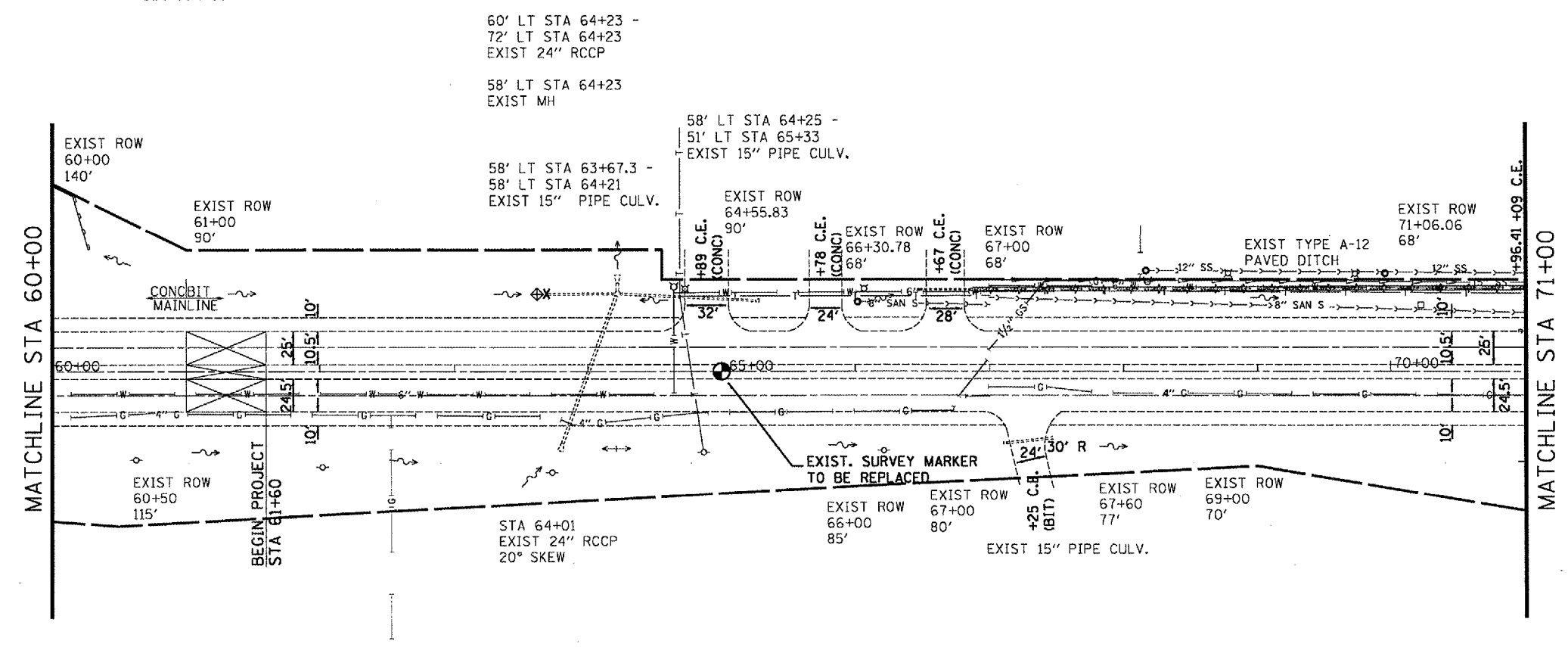
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 CHECKED BY

PLOT DATE : 3/23/2006
 FILE NAME : C:\Users\james.68334\Documents\68334\138-2RS\138-2RS.dgn
 PLOT SCALE : 1/8" = 1' IN.
 REFERENCE :

CONTRACT NO. 68334				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-21RS	MCDONOUGH	66	26
STA. 60+00		TO STA. 71+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



T6N R3W 4TH PM (MACOMB CITY TWP)
SECTION 30



T6N R2W 4TH PM (MACOMB CITY TWP)
SECTION 30

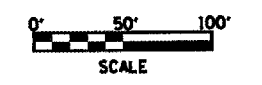
NOTE: The last 60' of 4 1/2" bituminous surface removal shall be paid for as BITUMINOUS SURFACE REMOVAL - BUTT JOINT.

REMOVAL LEGEND

- BUTT JOINT
- GUARDRAIL REMOVAL
- CULVERT REMOVAL

EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- INLET & PIPE PROTECTION
- GRADE & SHAPE DITCH



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

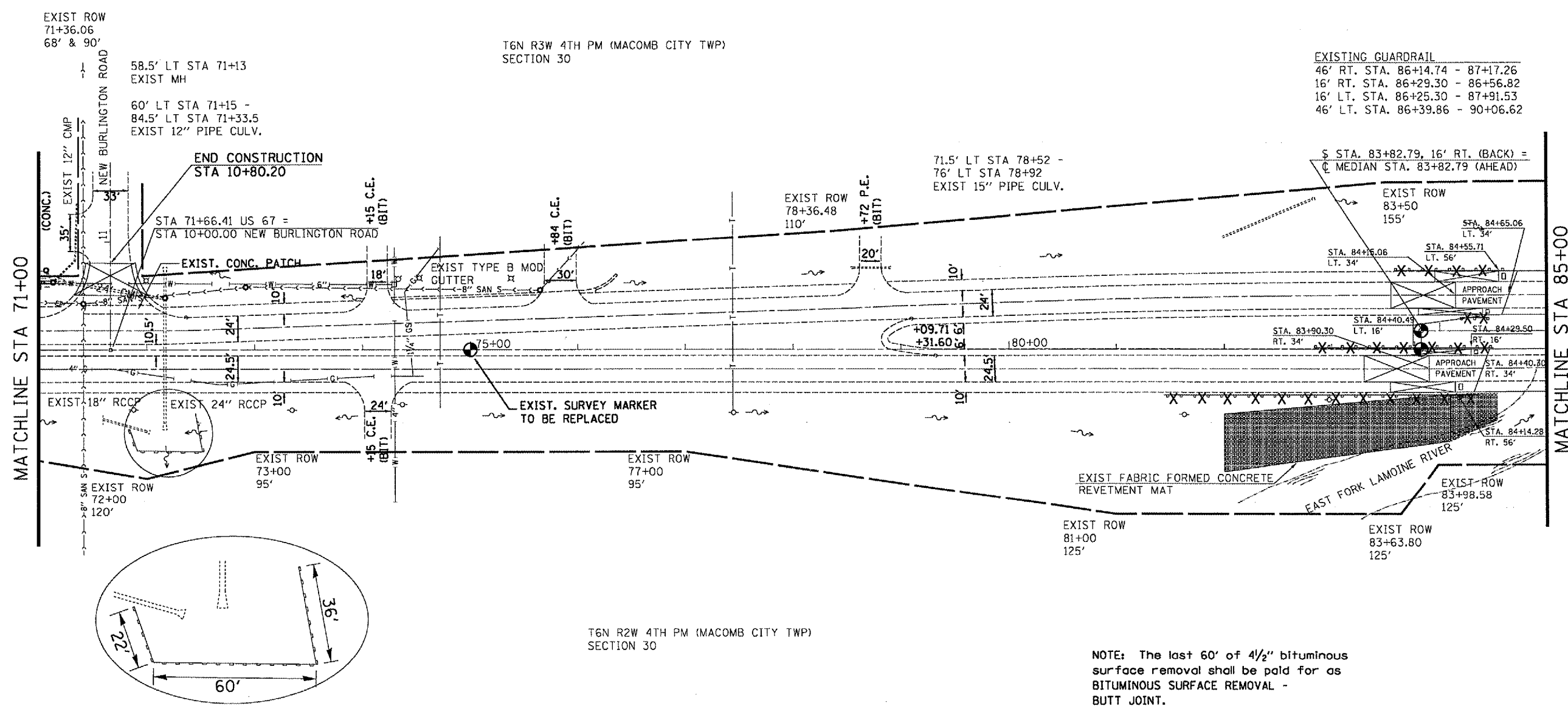
EXISTING / REMOVAL
STA 60+00 - 71+00

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

DRAWN BY CADD
CHECKED BY

PLOT DATE = 3/26/2009
FILE NAME = c:\projects\68334\sheet.dgn
PLOT SCALE = 1/8"=1'-0"
REFERENCE = SHEET

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-2RS	MCDONOUGH	66	27
STA. 71+00		TO STA. 85+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

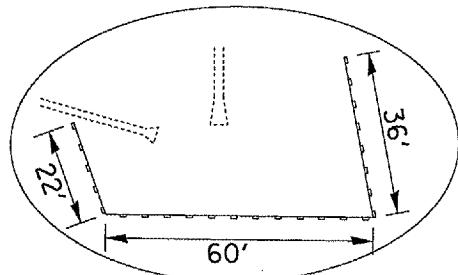


EXISTING GUARDRAIL
 46' RT. STA. 86+14.74 - 87+17.26
 16' RT. STA. 86+29.30 - 86+56.82
 16' LT. STA. 86+25.30 - 87+91.53
 46' LT. STA. 86+39.86 - 90+06.62

§ STA. 83+82.79, 16' RT. (BACK) =
 C MEDIAN STA. 83+82.79 (AHEAD)

MATCHLINE STA 71+00

MATCHLINE STA 85+00



T6N R3W 4TH PM (MACOMB CITY TWP)
 SECTION 30

T6N R2W 4TH PM (MACOMB CITY TWP)
 SECTION 30

NOTE: The last 60' of 4 1/2" bituminous surface removal shall be paid for as BITUMINOUS SURFACE REMOVAL - BUTT JOINT.

REMOVAL LEGEND

- BUTT JOINT
- GUARDRAIL REMOVAL
- CULVERT REMOVAL

EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- INLET & PIPE PROTECTION
- GRADE & SHAPE DITCH



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING / REMOVAL
 STA 71+00 - 85+00

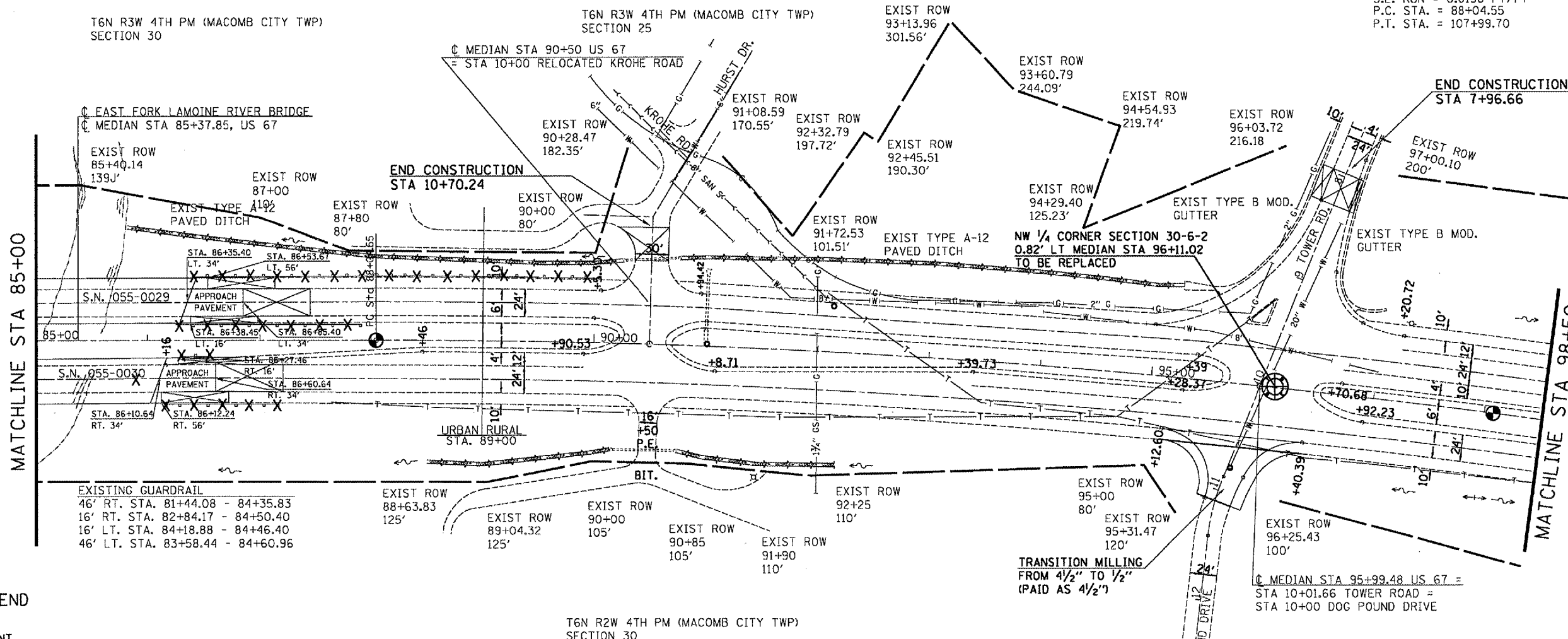
SCALE: VERT. 1" = 50'
 DATE: _____ HORIZ. 1" = 50'
 DRAWN BY: CADD
 CHECKED BY: _____

PLOT DATE: 3/28/2005
 FILE NAME: c:\projects\68334\sheet.dgn
 PLOT SCALE: 1/8"=1'-0"
 REFERENCE: 68334

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-21RS	MCDONOUGH	66	28
STA. 85+00		TO STA. 98+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

NOTE: The last 60' of 4 1/2" bituminous surface removal shall be paid for as BITUMINOUS SURFACE REMOVAL - BUTT JOINT.

EXIST. CURVE C. MEDIAN
 PI STA. = 98+07.83
 $\Delta = 14^\circ 57' 49''$ (RT)
 $D = 0^\circ 45' 00''$
 $R = 7,639.44'$
 $T = 1,003.28'$
 $L = 1,995.15'$
 $E = 65.60'$
 $S.E. RUN = 0.0156 FT/FT$
 $P.C. STA. = 88+04.55$
 $P.T. STA. = 107+99.70$

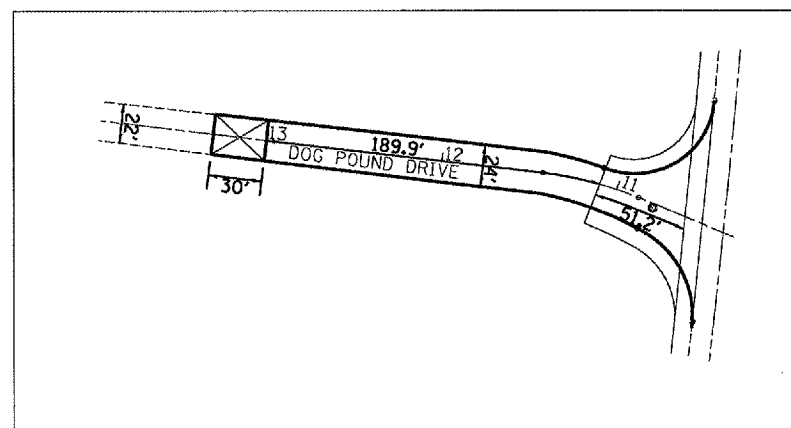


REMOVAL LEGEND

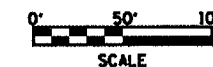
- BUTT JOINT
- GUARDRAIL REMOVAL
- CULVERT REMOVAL

EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- INLET & PIPE PROTECTION
- GRADE & SHAPE DITCH



END CONSTRUCTION STA 13+30



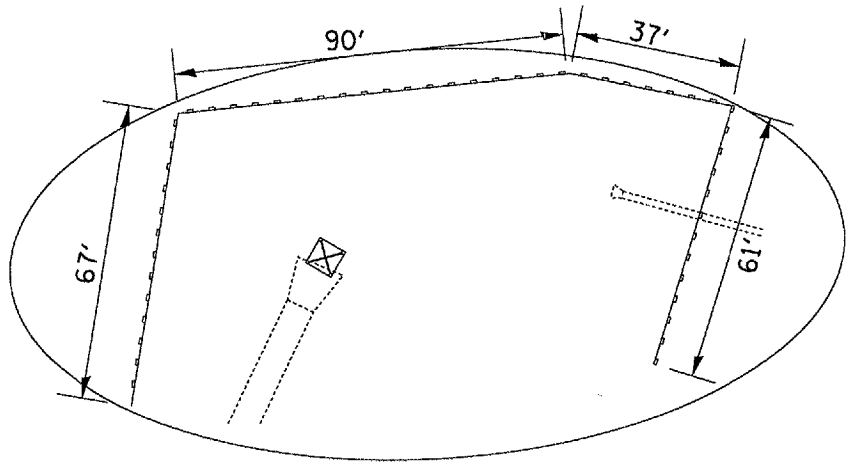
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING / REMOVAL
 STA 85+00 - 98+50

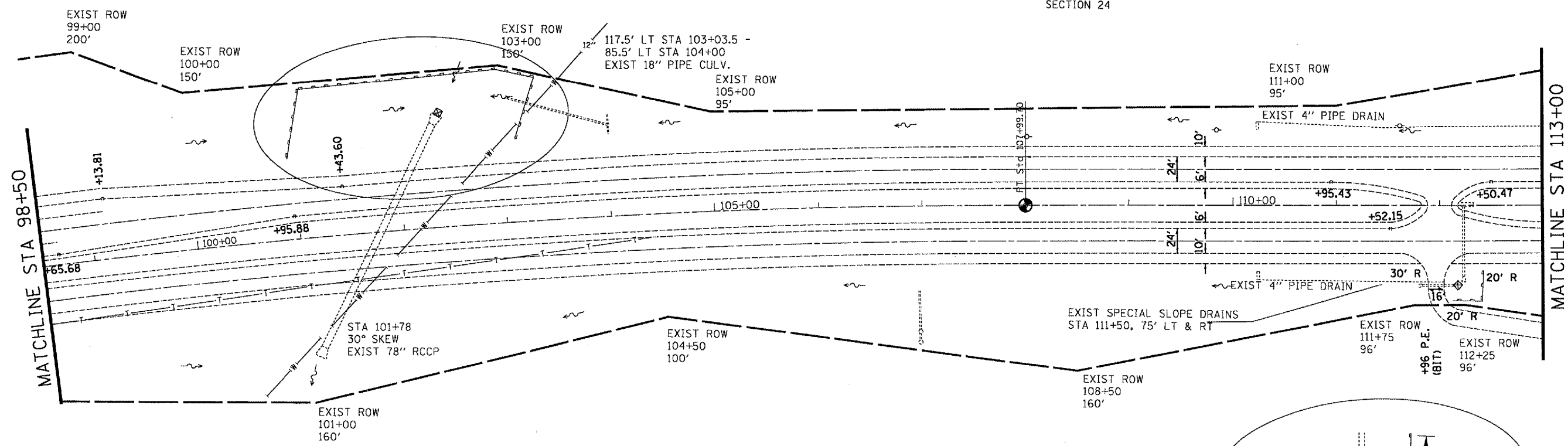
SCALE: VERT. 1" = 50'
 DATE: _____ DRAWN BY: CADD
 CHECKED BY: _____

PLOT DATE: 3/28/2005
 FILE NAME: c:\projects\68334\shw\l.dgn
 PLOT SCALE: 1/8" = 100'
 REFERENCE: SHEETS

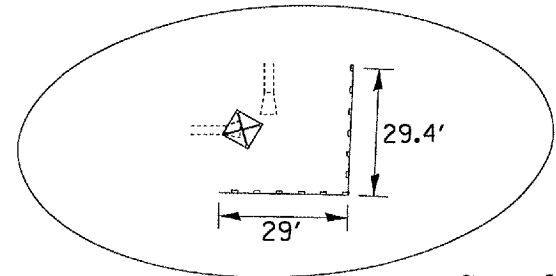
CONTRACT NO. 68334				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-21RS	MCDONOUGH	66	29
STA. 98+50		TO STA. 113+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



T6N R3W 4TH PM (MACOMB CITY TWP)
SECTION 24



T6N R2W 4TH PM (MACOMB CITY TWP)
SECTION 19



REMOVAL LEGEND

- BUTT JOINT
- GUARDRAIL REMOVAL
- CULVERT REMOVAL

EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- INLET & PIPE PROTECTION
- GRADE & SHAPE DITCH

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

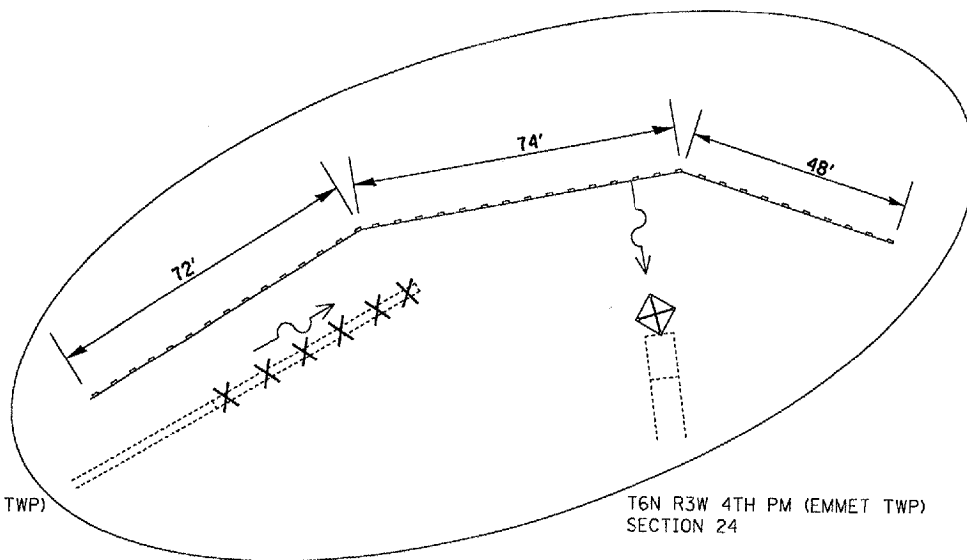
EXISTING / REMOVAL
STA 98+50 - 113+00

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

DRAWN BY CADD
CHECKED BY

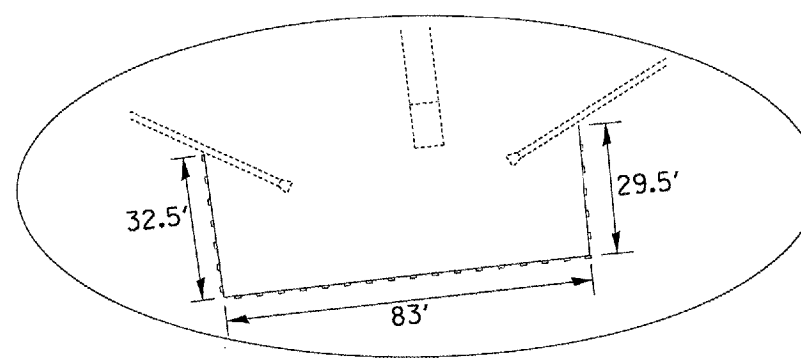
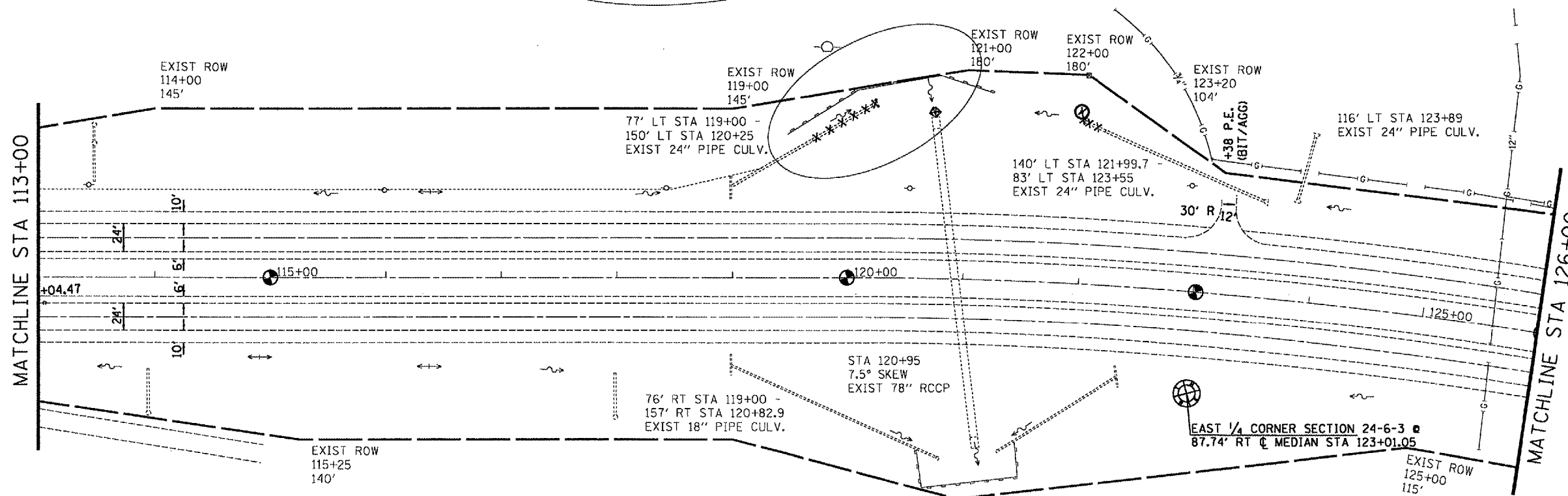
PLOT DATE: 2/23/2005
FILE NAME: s:\projects\68334\shwa\ldg\1130917.rvt
PLOT SCALE: 1" = 50'
REFERENCE: MRP

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-2RS	MCDONOUGH	66	30
STA. 113+00		TO STA. 126+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



T6N R3W 4TH PM (MACOMB CITY TWP)
SECTION 24

T6N R3W 4TH PM (EMMET TWP)
SECTION 24



T6N R2W 4TH PM (MACOMB TWP)
SECTION 19

REMOVAL LEGEND

- BUTT JOINT
- GUARDRAIL REMOVAL
- CULVERT REMOVAL

EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- INLET & PIPE PROTECTION
- GRADE & SHAPE DITCH



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING / REMOVAL
STA 113+00 - 126+00

SCALE: VERT. 1" = 50'
HORIZ. 1" = 50'
DRAWN BY CADD
CHECKED BY

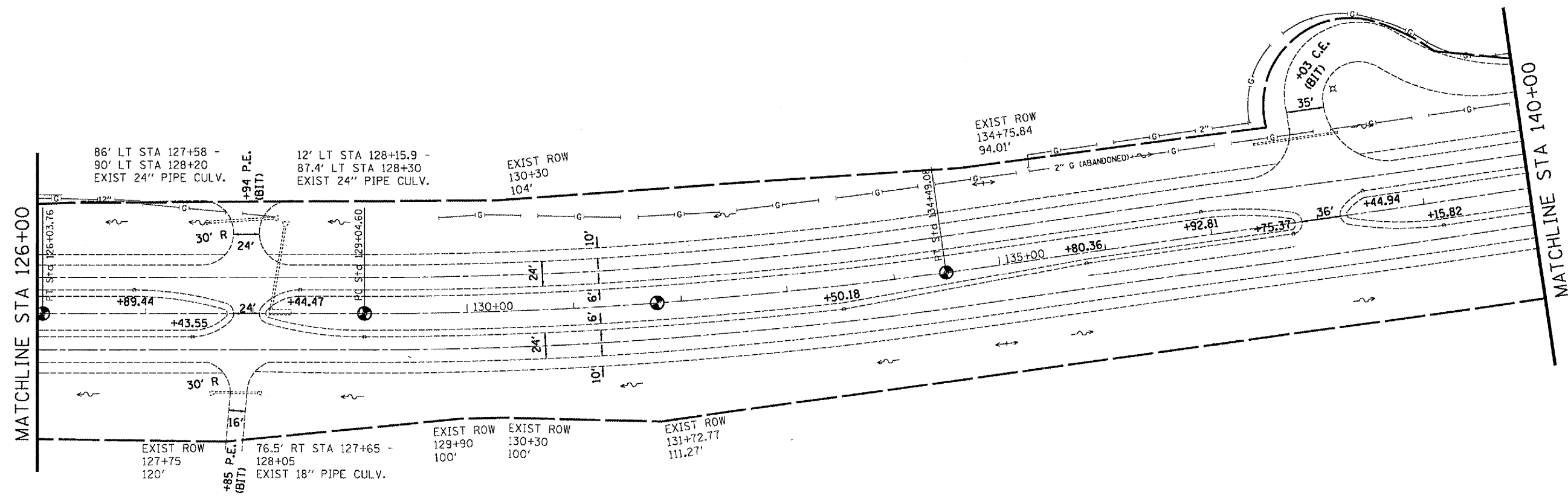
PLOT DATE: 3/23/2005
 FILE NAME: c:\projects\69334\sheet.dgn
 PLOT SCALE: 1/8" = 1' IN.
 REFERENCE: 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-2)RS	MCDONOUGH	66	31
STA. 126+00		TO STA. 140+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



EXIST. CURVE @ MEDIAN
 PI STA. = 131+77.30
 $\Delta = 8^\circ 10' 02''$ (LT)
 $D = 1^\circ 30' 00''$
 $R = 3,819.72'$
 $T = 272.70'$
 $L = 544.48'$
 $E = 9.72'$
 S.E. RUN = 0.030 FT/FT
 P.C. STA. = 129+04.60
 P.T. STA. = 134+49.08

T6N R3W 4TH PM (EMMET TWP)
 SECTION 24



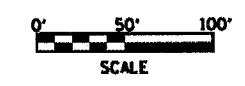
T6N R2W 4TH PM (MACOMB TWP)
 SECTION 19

REMOVAL LEGEND

- BUTT JOINT
- GUARDRAIL REMOVAL
- CULVERT REMOVAL

EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- INLET & PIPE PROTECTION
- GRADE & SHAPE DITCH



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING / REMOVAL
 STA 126+00 - 140+00

SCALE: VERT. 1" = 50'
 HORIZ. DATE
 DRAWN BY CADD
 CHECKED BY

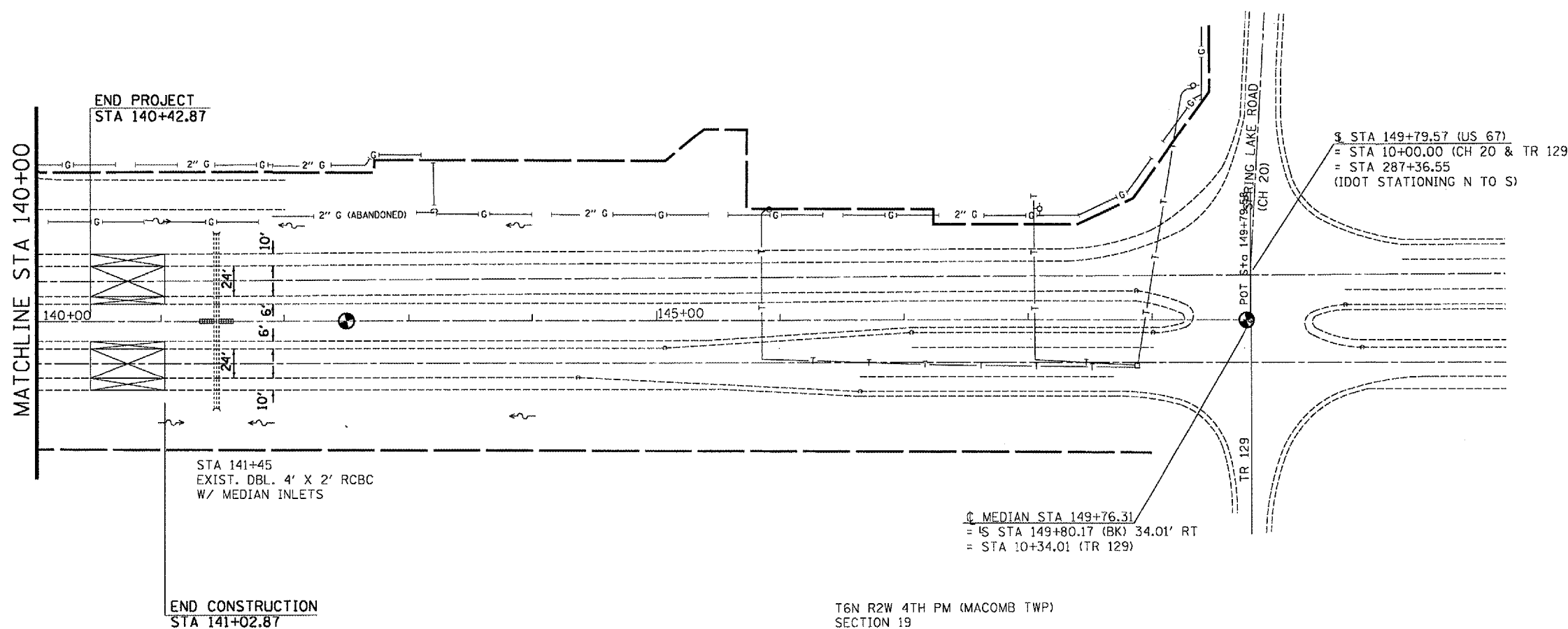
PLOT DATE = 3/23/2005
 FILE NAME = c:\p\projects\68334\sheet.dgn
 PLOT SCALE = 1/8" = 100'
 REFERENCE = MRP

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-21RS	MCDONOUGH	66	32
STA. 140+00		TO STA. E.O.P.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTE: The last 60' of 4 1/2" bituminous surface removal shall be paid for as BITUMINOUS SURFACE REMOVAL - BUTT JOINT.

T6N R3W 4TH PM (EMMET TWP)
SECTION 24



STA 141+45
EXIST. DBL. 4' X 2' RCBC
W/ MEDIAN INLETS

© MEDIAN STA 149+76.31
= IS STA 149+80.17 (BK) 34.01' RT
= STA 10+34.01 (TR 129)

§ STA 149+79.57 (US 67)
= STA 10+00.00 (CH 20 & TR 129)
= STA 287+36.55
(IDOT STATIONING N TO S)

T6N R2W 4TH PM (MACOMB TWP)
SECTION 19

REMOVAL LEGEND

- BUTT JOINT
- GUARDRAIL REMOVAL
- CULVERT REMOVAL

EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- INLET & PIPE PROTECTION
- GRADE & SHAPE DITCH



REVISIONS	
NAME	DATE

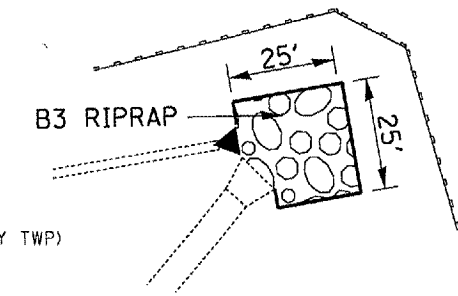
ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING / REMOVAL
STA 140+00 - E.O.P.

SCALE: VERT. 1" = 50'
HORIZ. DATE
DRAWN BY CADD
CHECKED BY

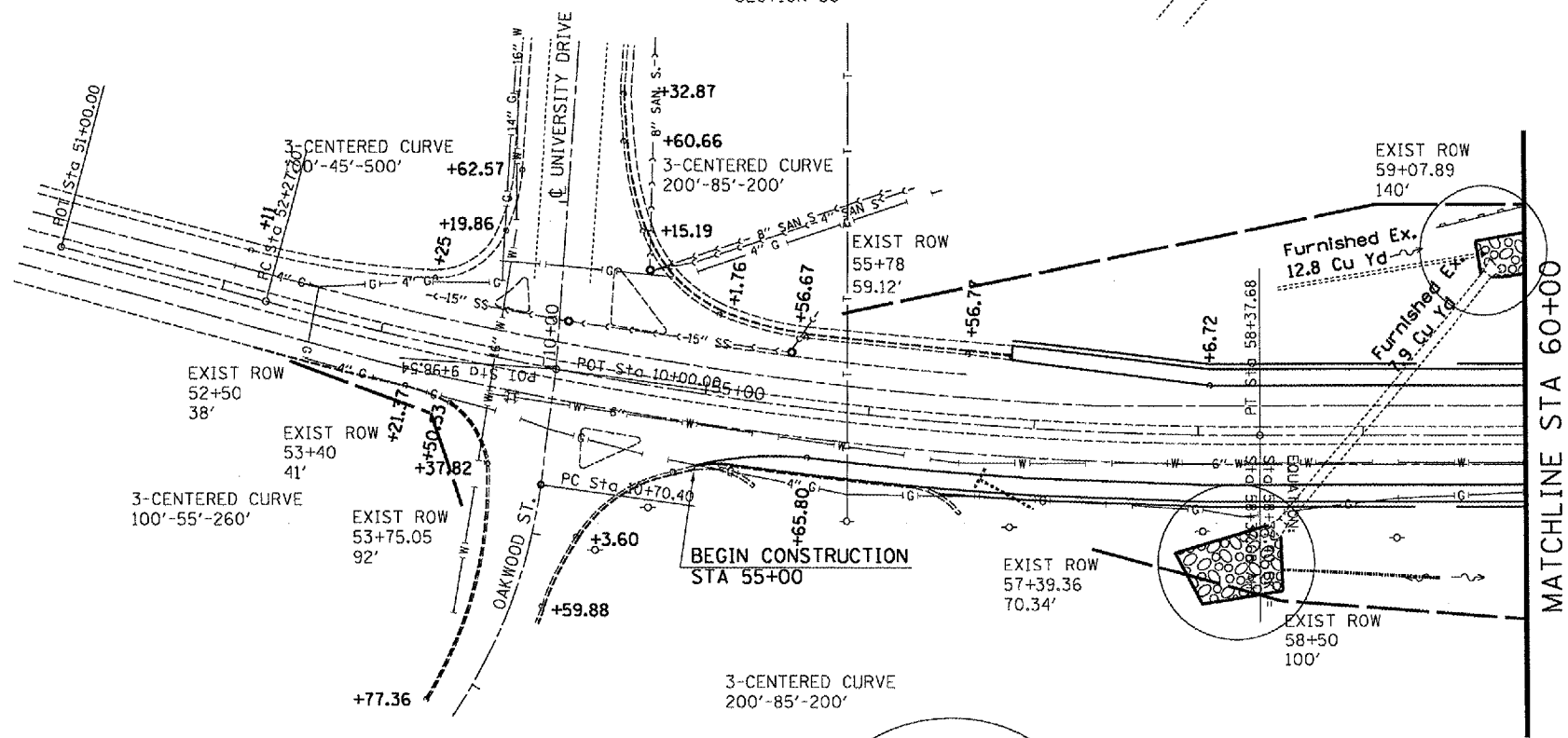
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PLOT SCALE = 1/8" = 100'
REFERENCE = WSP

F.A.P. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-21RS	MCDONOUGH	66	33
STA. B.O.P.		TO STA. 60+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

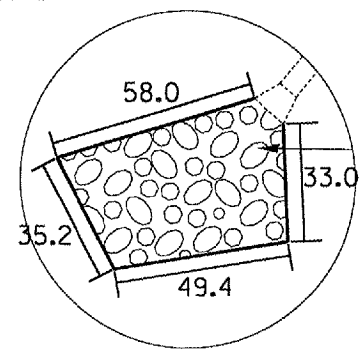
EXIST. CURVE @ MEDIAN
 PI STA. = 55+34.36
 $\Delta = 15^\circ 14' 33''$ (LT)
 $D = 2^\circ 30' 00''$
 $R = 2,291.83'$
 $T = 306.66'$
 $L = 609.70'$
 $E = 20.43'$
 $S.E. RUN = 0.024$ FT/FT
 P.C. STA. = 52+27.70
 P.T. STA. = 58+37.40



T6N R3W 4TH PM (MACOMB CITY TWP)
 SECTION 30



EXIST. CURVE OAK1
 PI STA. = 12+31.16
 $\Delta = 51^\circ 00' 18''$ (RT)
 $D = 17^\circ 00' 06''$
 $R = 337.00'$
 $T = 160.76'$
 $L = 300.00'$
 $E = 36.38'$
 $e =$ -----
 $T.R. =$ -----
 $S.E. RUN =$ -----
 P.C. STA. = 10+70.40
 P.T. STA. = 13+70.40



T6N R2W 4TH PM (MACOMB CITY TWP)
 SECTION 30



PROPOSED LEGEND

- GUARDRAIL
- END SECTION REPLACEMENT
- RIPRAP

EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- INLET & PIPE PROTECTION
- GRADE & SHAPE DITCH

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED
 B.O.P. - STA. 60+00

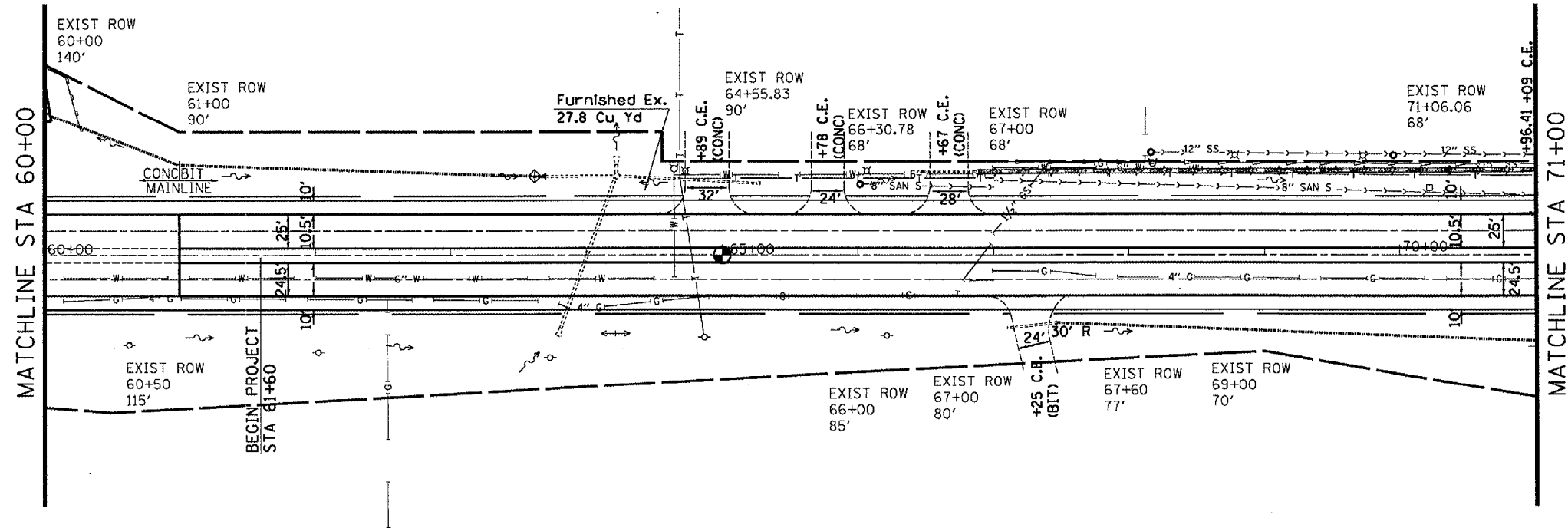
SCALE: VERT. 1" = 50'
 HORIZ. 1" = 50'
 DATE _____ DRAWN BY CADD
 CHECKED BY _____

PLOT DATE = 3/23/2005
 FILE NAME = c:\p\proj\68334\sheet.dgn
 PLOT SCALE = 1/8" = 1'-0"
 REFERENCE = SHEET #

CONTRACT NO. 68334				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-21RS	MCDONOUGH	66	34
STA. 60+00		TO STA. 71+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



T6N R3W 4TH PM (MACOMB CITY TWP)
SECTION 30



T6N R2W 4TH PM (MACOMB CITY TWP)
SECTION 30

PROPOSED LEGEND

- GUARDRAIL
- END SECTION REPLACEMENT
- RIPRAP

EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- INLET & PIPE PROTECTION
- GRADE & SHAPE DITCH



REVISIONS	
NAME	DATE

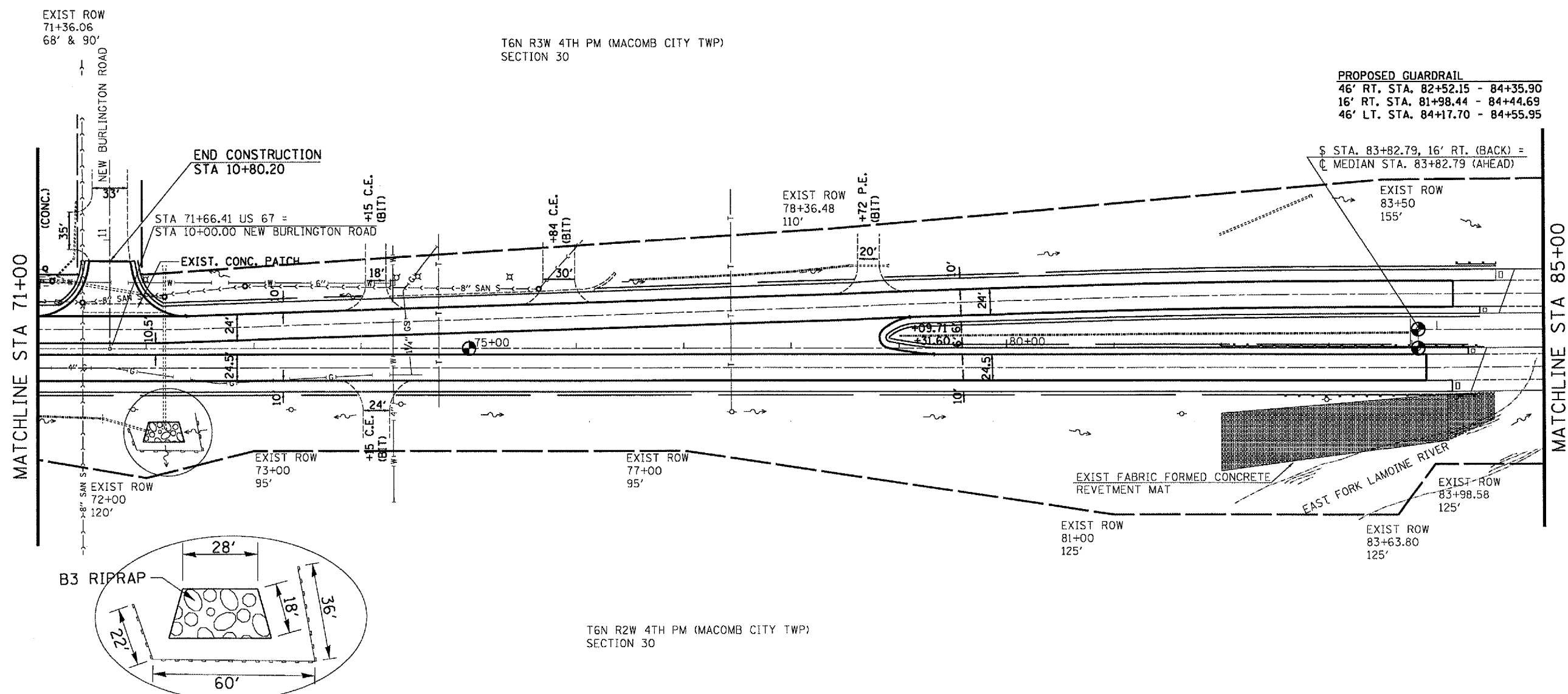
ILLINOIS DEPARTMENT OF TRANSPORTATION

**PROPOSED
STA 60+00 - 71+00**

SCALE: VERT. 1" = 50'
HORIZ. DATE DRAWN BY CADD
CHECKED BY

PLOT DATE = 3/23/2005
FILE NAME = c:\p\projects\68334\sheet.dgn
PLOT SCALE = 1/8" = 1' IN.
REFERENCE = 68334

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-2)RS	MCDONOUGH	66	35
STA. 71+00		TO STA. 85+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

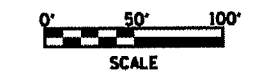


PROPOSED LEGEND

- GUARDRAIL
- END SECTION REPLACEMENT
- RIPRAP

EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- INLET & PIPE PROTECTION
- GRADE & SHAPE DITCH



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED
STA 71+00 - 85+00

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

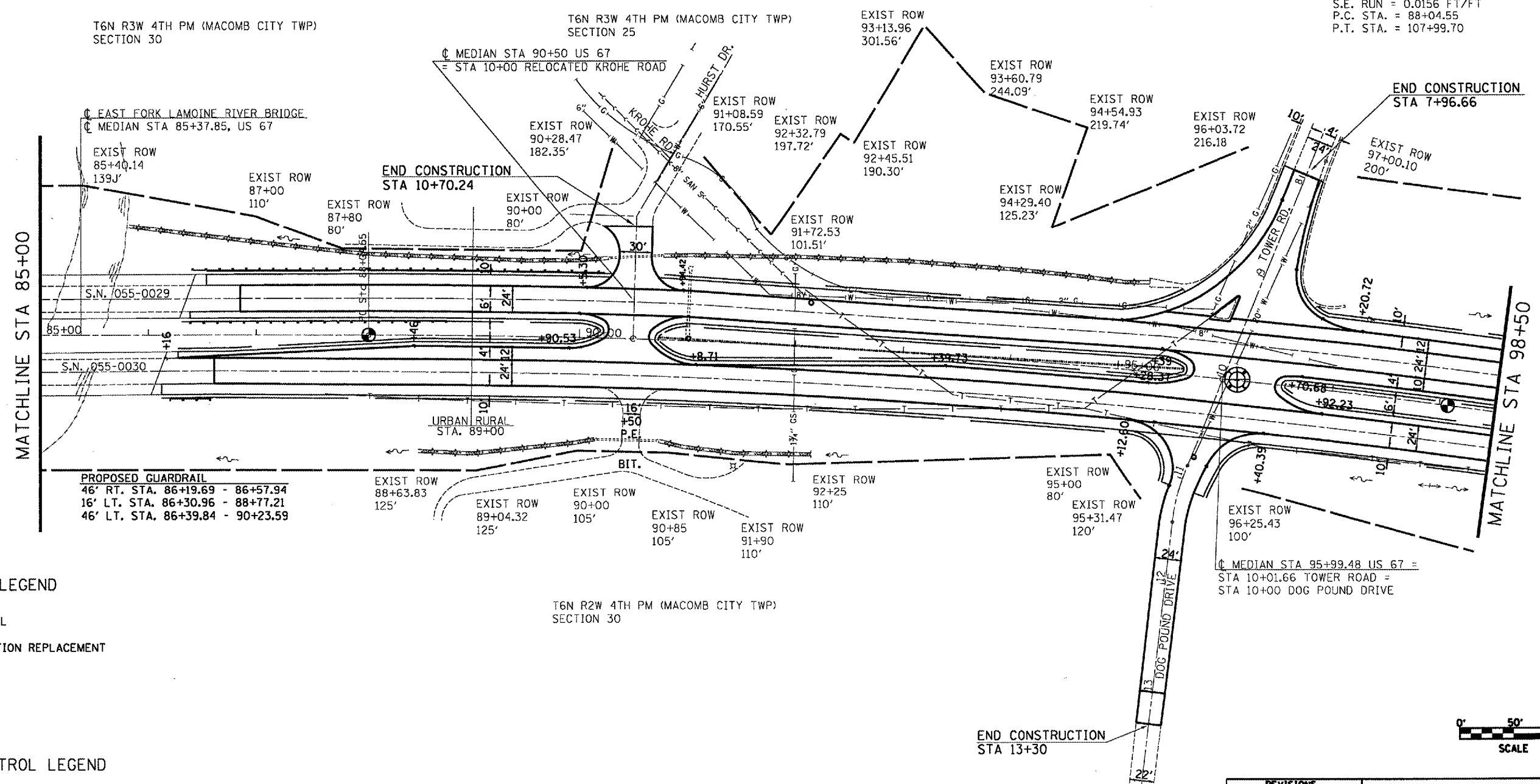
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PLOT DATE: 3/23/2005
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 REFERENCE: SHEET

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-2/RS	MCDONOUGH	66	36
STA. 85+00 TO STA. 98+50				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	



EXIST. CURVE ϕ MEDIAN
 PI STA. = 98+07.83
 Δ = 14° 57' 49" (RT)
 D = 0° 45' 00"
 R = 7,639.44'
 T = 1,003.28'
 L = 1,995.15'
 E = 65.60'
 S.E. RUN = 0.0156 FT/FT
 P.C. STA. = 88+04.55
 P.T. STA. = 107+99.70



T6N R3W 4TH PM (MACOMB CITY TWP)
SECTION 30

T6N R3W 4TH PM (MACOMB CITY TWP)
SECTION 25

T6N R2W 4TH PM (MACOMB CITY TWP)
SECTION 30

MATCHLINE STA 85+00

MATCHLINE STA 98+50

ϕ EAST FORK LAMOINE RIVER BRIDGE
 ϕ MEDIAN STA 85+37.85, US 67

ϕ MEDIAN STA 90+50 US 67
 = STA 10+00 RELOCATED KROHE ROAD

ϕ MEDIAN STA 95+99.48 US 67 =
 STA 10+01.66 TOWER ROAD =
 STA 10+00 DOG POUND DRIVE

PROPOSED GUARDRAIL
 46' RT. STA. 86+19.69 - 86+57.94
 16' LT. STA. 86+30.96 - 88+77.21
 46' LT. STA. 86+39.84 - 90+23.59

URBAN RURAL
STA. 89+00

EXIST ROW 90+00 105'
 EXIST ROW 91+90 110'

EXIST ROW 95+00 80'
 EXIST ROW 95+31.47 120'

EXIST ROW 96+25.43 100'

PROPOSED LEGEND

- GUARDRAIL
- END SECTION REPLACEMENT
- RIPRAP

EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- INLET & PIPE PROTECTION
- GRADE & SHAPE DITCH



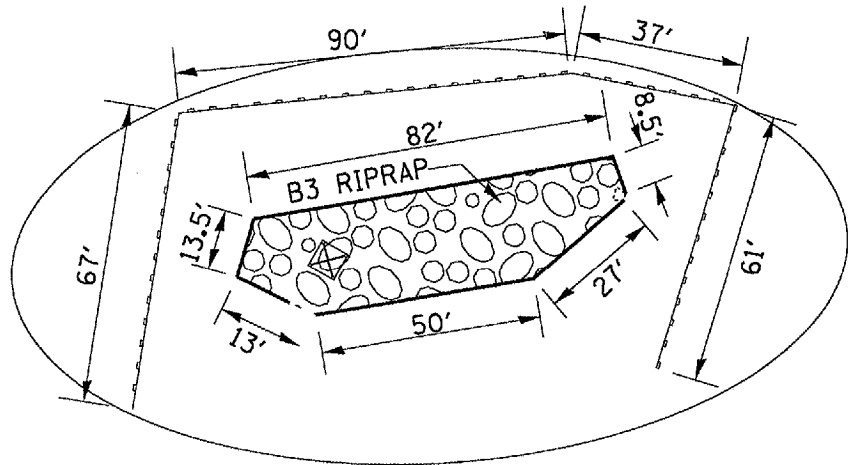
END CONSTRUCTION
STA 13+30

REVISIONS	
NAME	DATE

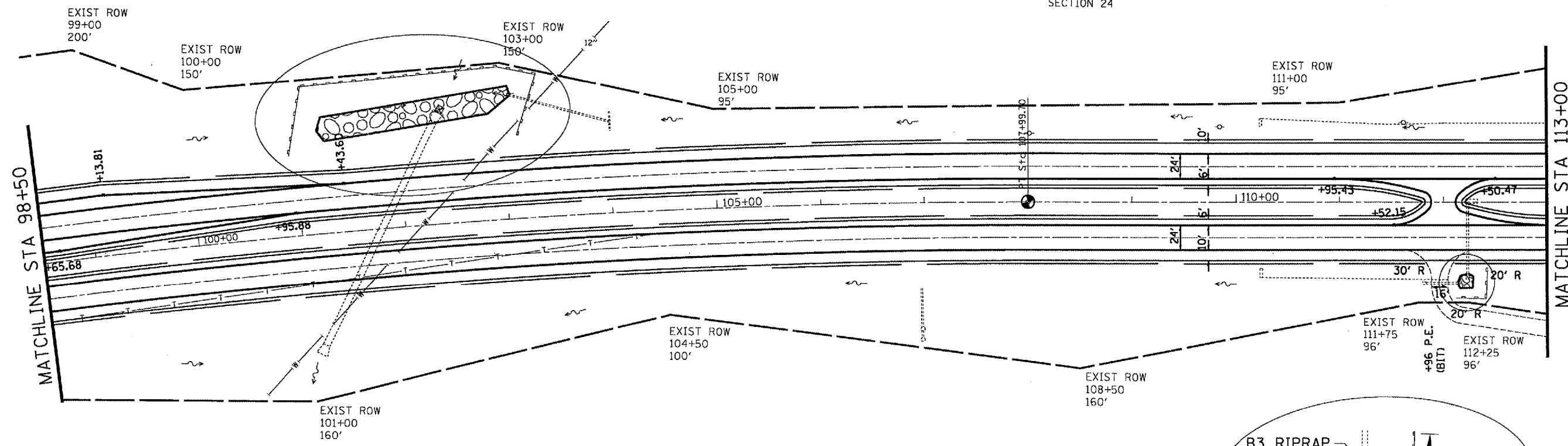
ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED
STA 85+00 - 98+50
 SCALE: VERT. 1" = 50'
 HORIZ. 1" = 50'
 DRAWN BY CADD
 CHECKED BY

PLOT DATE = 3/23/2005
 FILE NAME = c:\projects\68334\sheet.dgn
 PLOT SCALE = 1/8" = 1' IN.
 REFERENCE = 68334

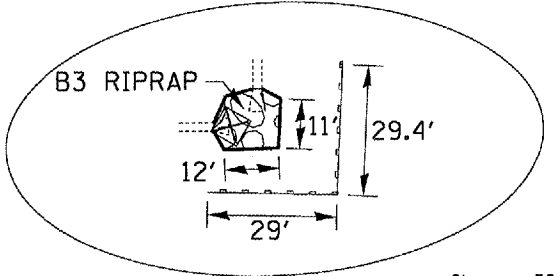
CONTRACT NO. 68334				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-21RS	MCDONOUGH	66	37
STA. 98+50 TO STA. 113+00				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	



T6N R3W 4TH PM (MACOMB CITY TWP)
SECTION 24



T6N R2W 4TH PM (MACOMB CITY TWP)
SECTION 19



PROPOSED LEGEND

- GUARDRAIL
- END SECTION REPLACEMENT
- RIPRAP

EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- INLET & PIPE PROTECTION
- GRADE & SHAPE DITCH

REVISIONS	
NAME	DATE

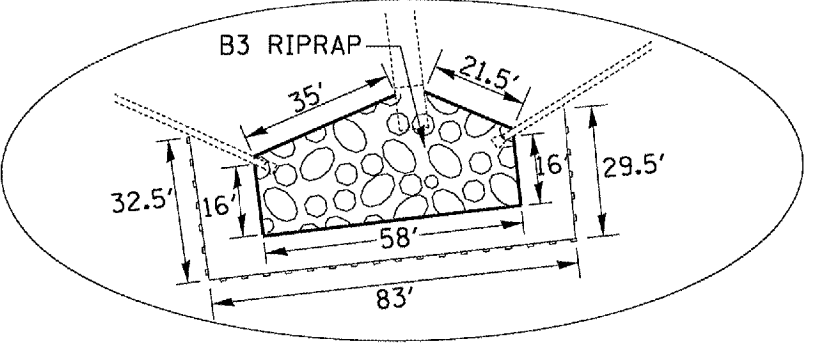
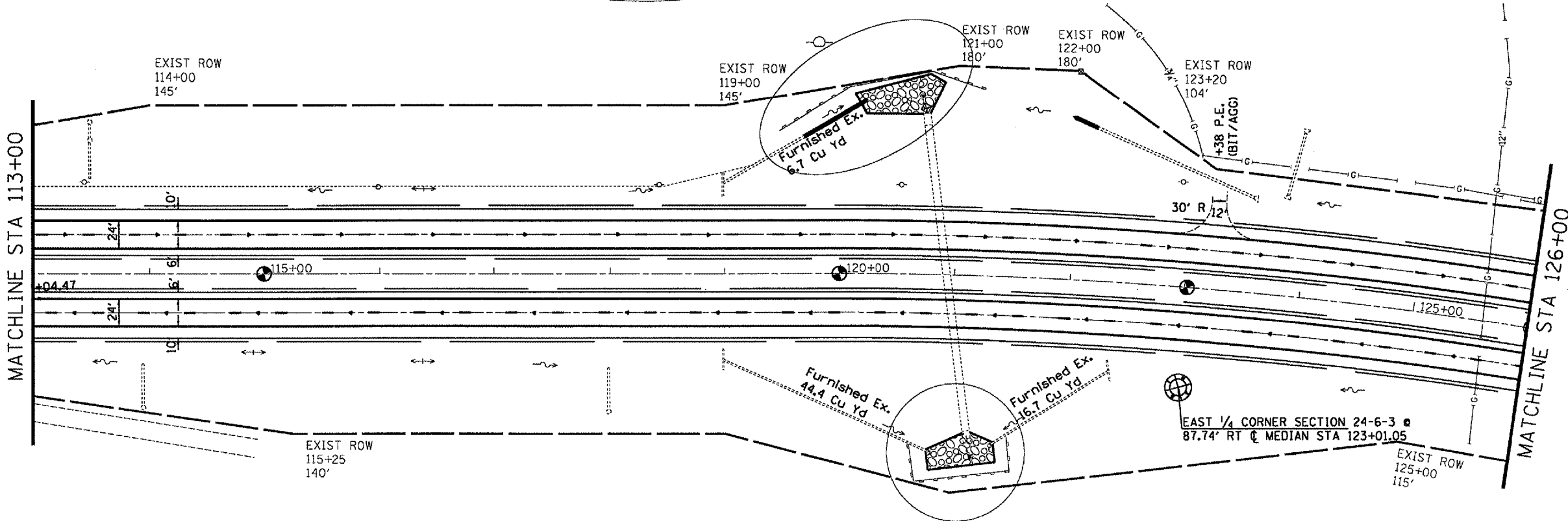
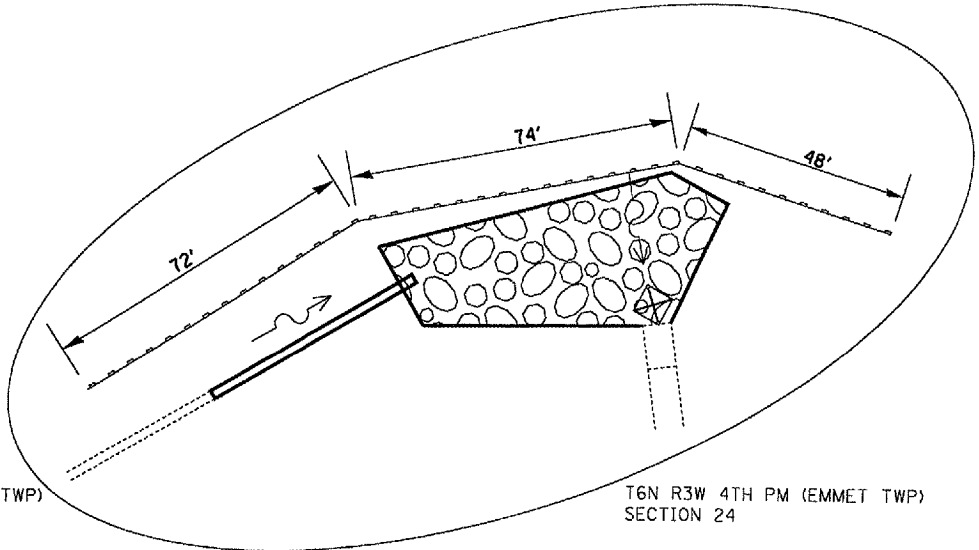
ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED
STA 98+50 - 113+00

SCALE: VERT. 1" = 50'
HORIZ. DATE
DRAWN BY CADD
CHECKED BY

PLOT DATE = 3/23/2005
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 PLOT SCALE = 1/8" = 1' IN.
 REFERENCE = 68334

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	38-2R5	MCDONOUGH	66	38
STA. 113+00 TO STA. 126+00			ILLINOIS FED. AID PROJECT	

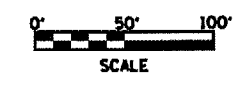


PROPOSED LEGEND

- GUARDRAIL
- END SECTION REPLACEMENT
- RIPRAP

EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- INLET & PIPE PROTECTION
- GRADE & SHAPE DITCH



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED
STA 113+00 - 126+00

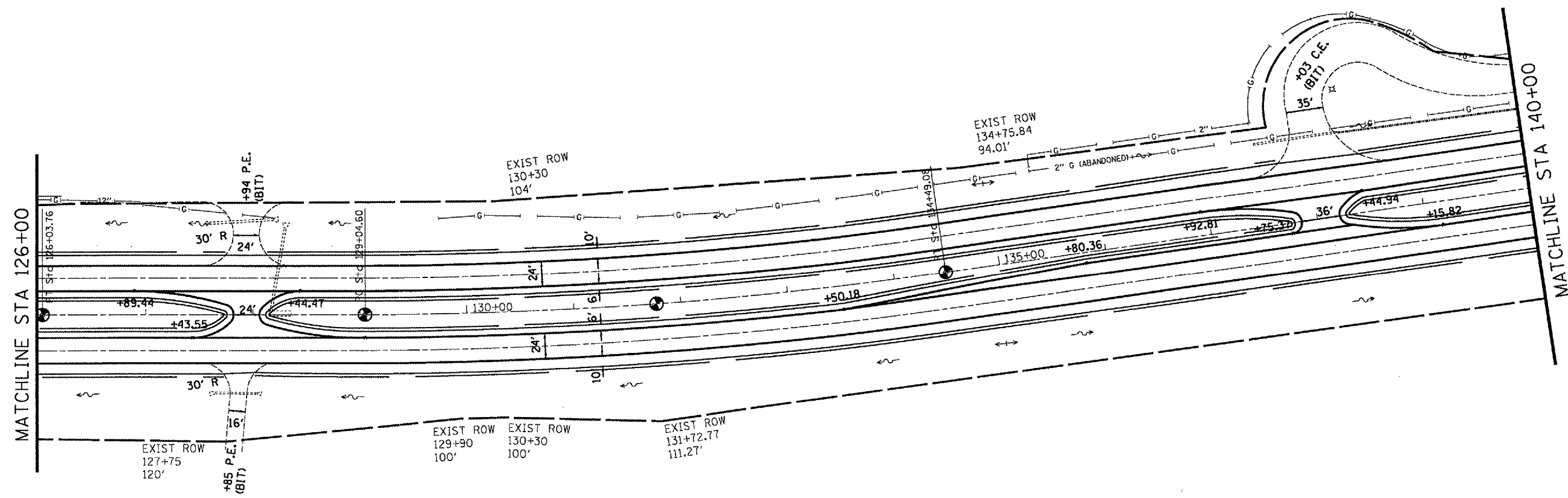
SCALE: VERT. 1" = 50'
HORIZ. DATE DRAWN BY CADD
CHECKED BY

PLOT DATE = 3/23/2005
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 PLOT SCALE = 1/8" = 1' IN.
 REFERENCE = SHEET#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-2RS	MCDONOUGH	66	39
STA. 126+00		TO STA. 140+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

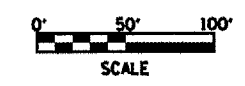
EXIST. CURVE @ MEDIAN
 PI STA. = 131+77.30
 $\Delta = 8^\circ 10' 02''$ (LT)
 $D = 1^\circ 30' 00''$
 $R = 3,819.72'$
 $T = 272.70'$
 $L = 544.48'$
 $E = 9.72'$
 $S.E. RUN = 0.030$ FT/FT
 P.C. STA. = 129+04.60
 P.T. STA. = 134+49.08

T6N R3W 4TH PM (EMMET TWP)
 SECTION 24



T6N R2W 4TH PM (MACOMB TWP)
 SECTION 19

- | | |
|-------------------------|-------------------------------|
| PROPOSED LEGEND | EROSION CONTROL LEGEND |
| GUARDRAIL | PERIMETER EROSION BARRIER |
| END SECTION REPLACEMENT | INLET & PIPE PROTECTION |
| RIPRAP | GRADE & SHAPE DITCH |



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED
STA 126+00 - 140+00

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

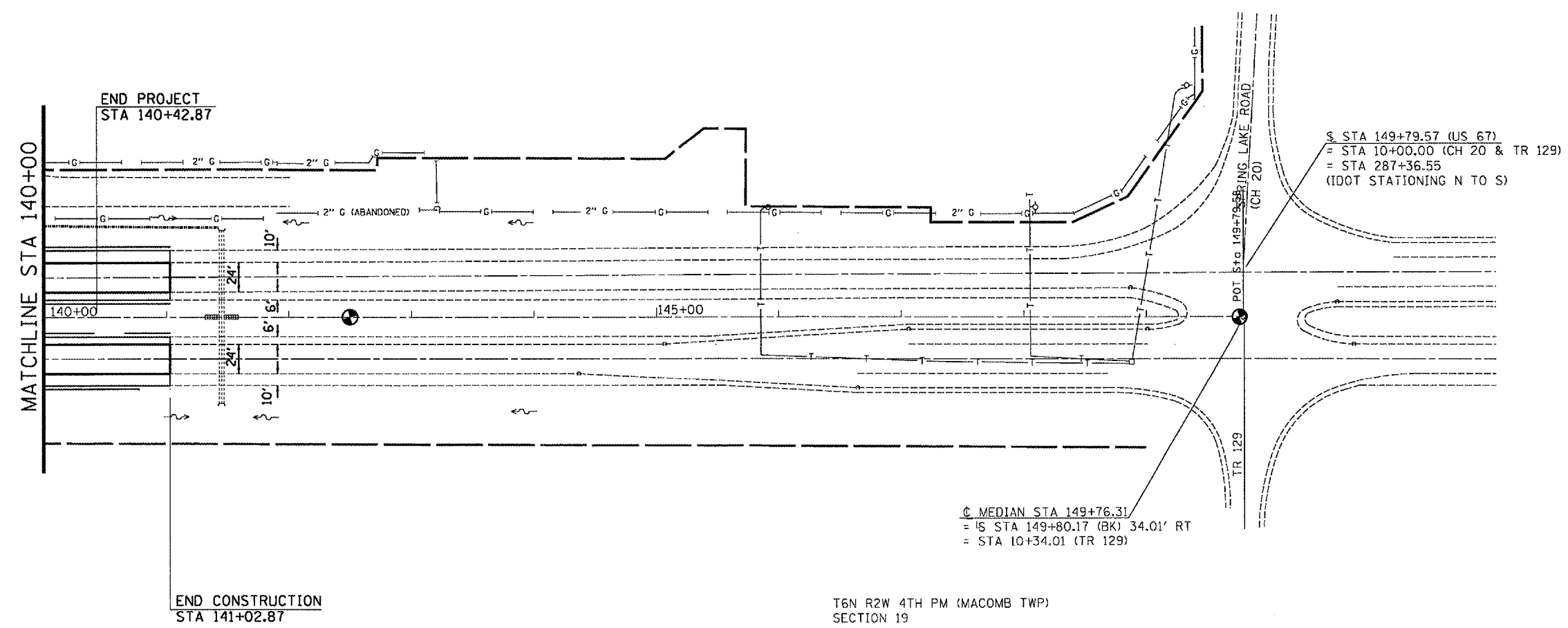
DATE _____ DRAWN BY CADD
 CHECKED BY _____

PLOT DATE = 3/23/2006
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 PLOT SCALE = 1/8" = 100' / IN.
 REFERENCE = #REF#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-21RS	MCDONOUGH	66	40
STA. 140+00		TO STA. E.O.P.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



T6N R3W 4TH PM (EMMET TWP)
SECTION 24



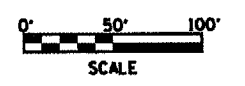
T6N R2W 4TH PM (MACOMB TWP)
SECTION 19

PROPOSED LEGEND

- GUARDRAIL
- END SECTION REPLACEMENT
- RIPRAP

EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- INLET & PIPE PROTECTION
- GRADE & SHAPE DITCH



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED
STA 140+00 - E.O.P.
SCALE: VERT. 1" = 50'
DATE: _____ HORIZ. _____
DRAWN BY: CADD
CHECKED BY: _____

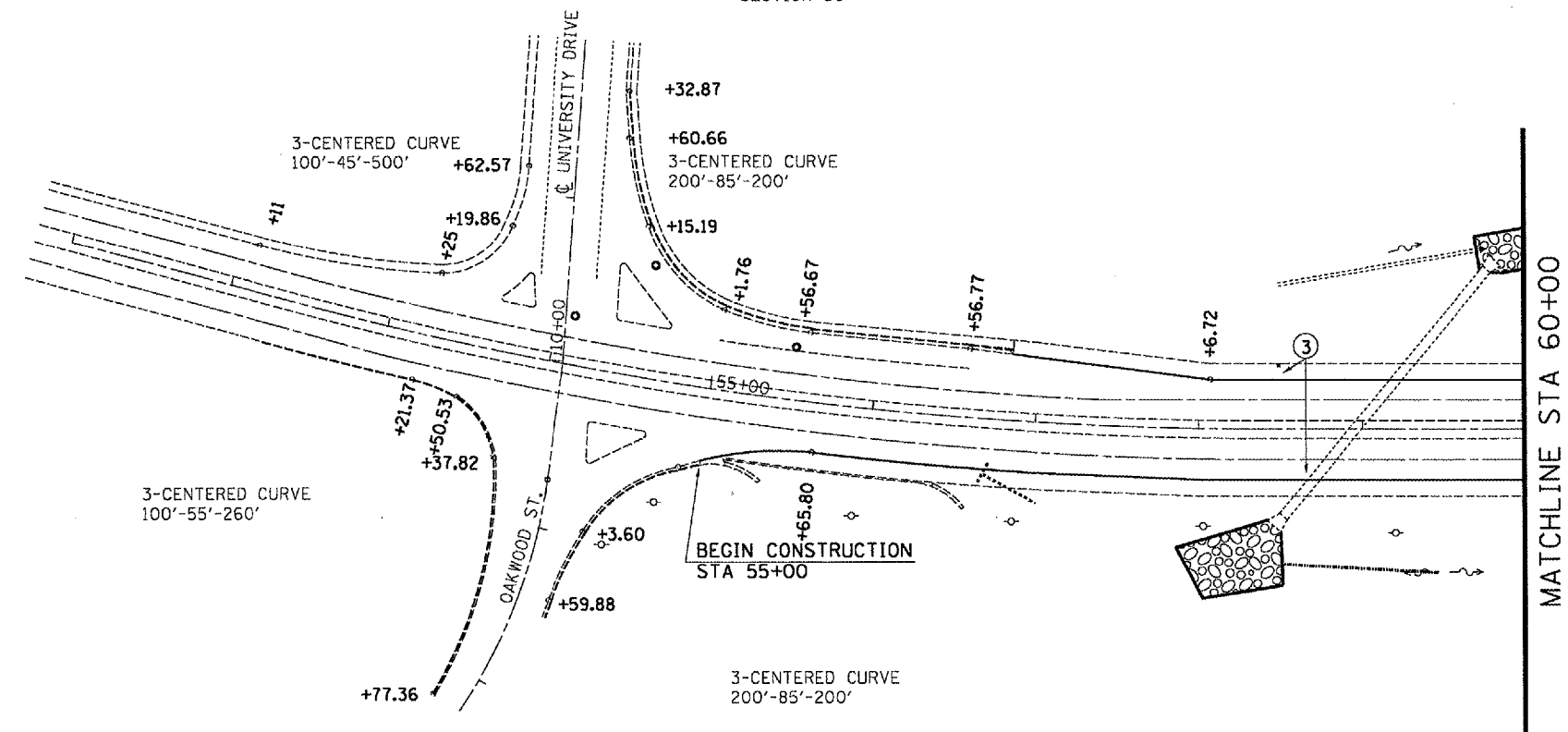
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-2/RS	MCDONOUGH	66	41
STA. B.O.P.		TO STA. 60+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

EXIST. CURVE @ MEDIAN
 PI STA. = 55+34.36
 $\Delta = 15^\circ 14' 33''$ (LT)
 $D = 2^\circ 30' 00''$
 $R = 2,291.83'$
 $T = 306.66'$
 $L = 609.70'$
 $E = 20.43'$
 S.E. RUN = 0.024 FT/FT
 P.C. STA. = 52+27.70
 P.T. STA. = 58+37.40



T6N R3W 4TH PM (MACOMB CITY TWP)
 SECTION 30



T6N R2W 4TH PM (MACOMB CITY TWP)
 SECTION 30

- ① 4" YELLOW EPOXY LINE
- ② 4" DOUBLE YELLOW EPOXY LINES
- ③ 4" WHITE EPOXY LINE
- ④ 6" WHITE PREFORMED PLASTIC LINE (30' SKIP/10' DASH)
- ⑤ 8" WHITE EPOXY LINE
- ⑥ 12" WHITE EPOXY LINE
- ⑦ 12" YELLOW EPOXY LINE
- ⑧ 24" WHITE EPOXY LINE
- ⑨ YELLOW EPOXY TURN ARROWS
- ⑩ WHITE EPOXY TURN ARROWS
- ⑪ ONE-WAY CRYSTAL
- ⑫ ONE-WAY AMBER
- ⑬ TWO-WAY AMBER



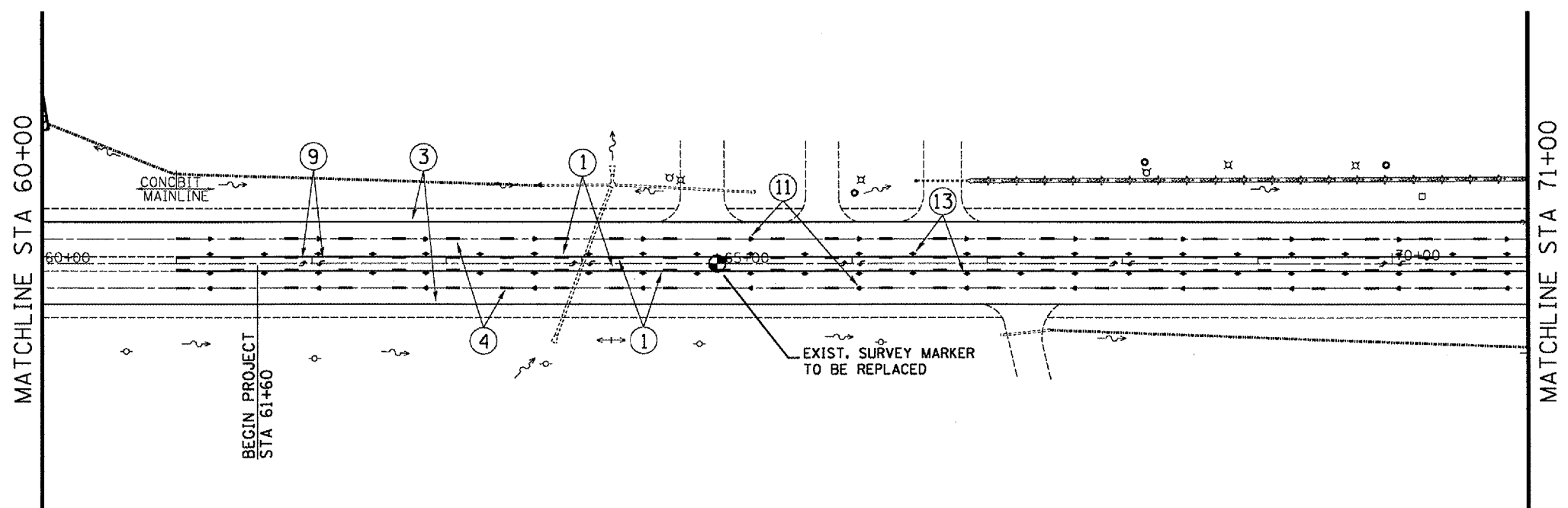
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED STRIPING
B.O.P. - STA. 60+00
 SCALE: VERT. 1" = 50'
 HORIZ. DATE
 DRAWN BY CADD
 CHECKED BY

PLOT DATE = 2/23/2005
 FILE NAME = c:\p\projects\68334\sheet.dgn
 PLOT SCALE = 1/8" = 1' / IN.
 REFERENCE = 11824

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-21RS	MCDONOUGH	66	42
STA. 60+00		TO STA. 71+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

T6N R3W 4TH PM (MACOMB CITY TWP)
SECTION 30



T6N R2W 4TH PM (MACOMB CITY TWP)
SECTION 30

- ① 4" YELLOW EPOXY LINE
- ② 4" DOUBLE YELLOW EPOXY LINES
- ③ 4" WHITE EPOXY LINE
- ④ 6" WHITE PREFORMED PLASTIC LINE (30' SKIP/10' DASH)
- ⑤ 8" WHITE EPOXY LINE
- ⑥ 12" WHITE EPOXY LINE
- ⑦ 12" YELLOW EPOXY LINE
- ⑧ 24" WHITE EPOXY LINE
- ⑨ YELLOW EPOXY TURN ARROWS
- ⑩ WHITE EPOXY TURN ARROWS
- ⑪ ONE-WAY CRYSTAL
- ⑫ ONE-WAY AMBER
- ⑬ TWO-WAY AMBER



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED STRIPING
STA 60+00 - 71+00

SCALE: VERT. 1" = 50'
HORIZ. DATE
DRAWN BY CADD
CHECKED BY

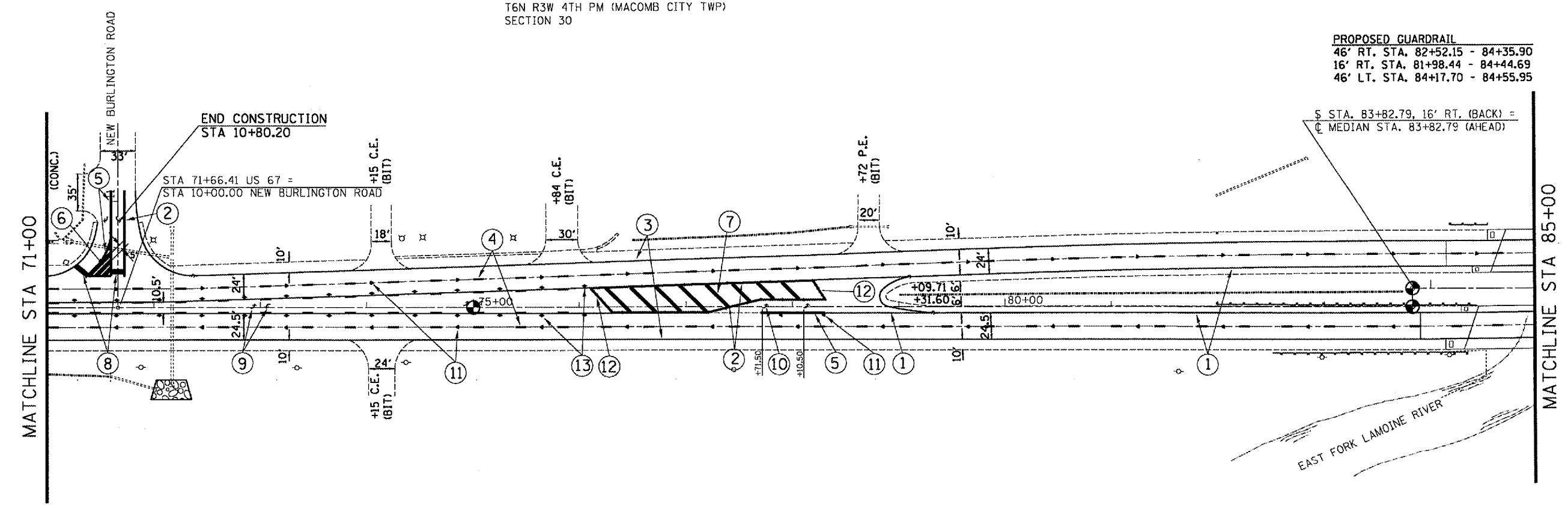
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REFERENCE = 4/18/04

CONTRACT NO. 68334				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-21RS	MCDONOUGH	66	43
STA. 71+00		TO STA. 85+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



T6N R3W 4TH PM (MACOMB CITY TWP)
SECTION 30

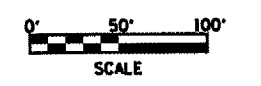
PROPOSED GUARDRAIL
 46' RT. STA. 82+52.15 - 84+35.90
 16' RT. STA. 81+98.44 - 84+44.69
 46' LT. STA. 84+17.70 - 84+55.95



\$ STA. 83+82.79, 16' RT. (BACK) =
 C MEDIAN STA. 83+82.79 (AHEAD)

- ① 4" YELLOW EPOXY LINE
- ② 4" DOUBLE YELLOW EPOXY LINES
- ③ 4" WHITE EPOXY LINE
- ④ 6" WHITE PREFORMED PLASTIC LINE (30' SKIP/10' DASH)
- ⑤ 8" WHITE EPOXY LINE
- ⑥ 12" WHITE EPOXY LINE
- ⑦ 12" YELLOW EPOXY LINE
- ⑧ 24" WHITE EPOXY LINE
- ⑨ YELLOW EPOXY TURN ARROWS
- ⑩ WHITE EPOXY TURN ARROWS
- ⑪ ONE-WAY CRYSTAL
- ⑫ ONE-WAY AMBER
- ⑬ TWO-WAY AMBER

T6N R2W 4TH PM (MACOMB CITY TWP)
SECTION 30



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED STRIPING
STA 71+00 - 85+00

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

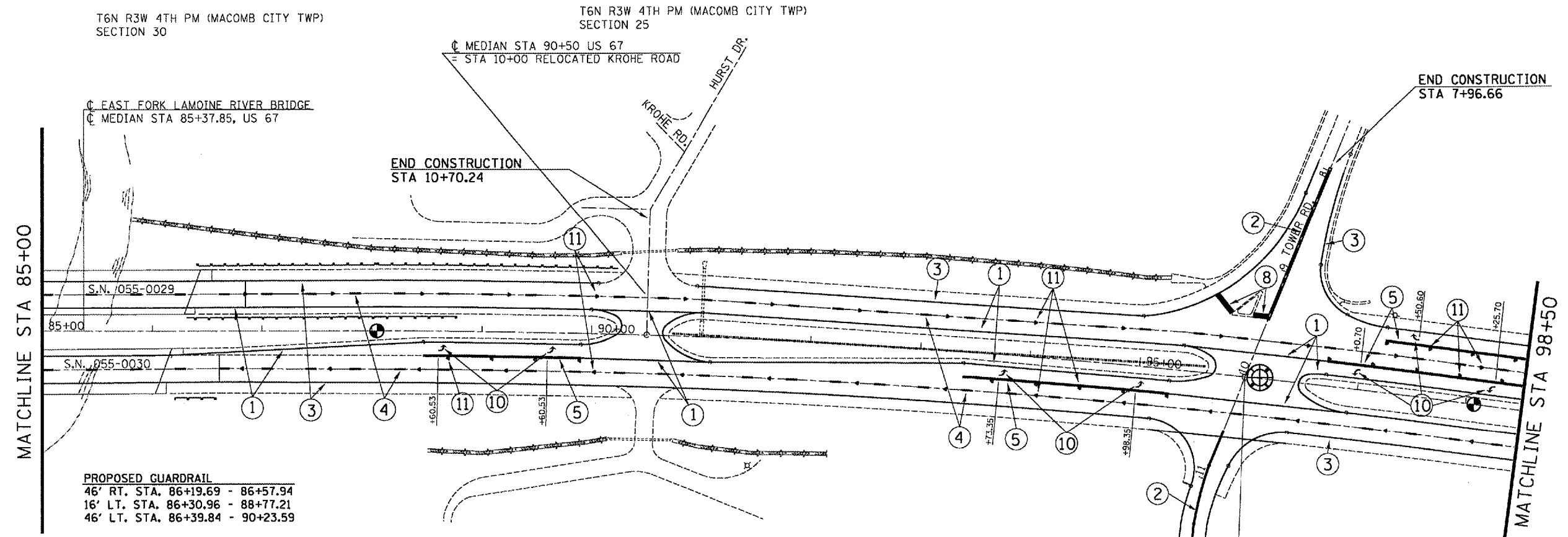
DATE: _____ DRAWN BY: CAOD
 CHECKED BY: _____

PLOT DATE = 3/23/2005
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 PLOT SCALE = 1/8" = 1' IN.
 REFERENCE = 68334

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-2RS	MCDONOUGH	66	44
STA. 85+00		TO STA. 98+50		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT

T6N R3W 4TH PM (MACOMB CITY TWP)
SECTION 30

T6N R3W 4TH PM (MACOMB CITY TWP)
SECTION 25



PROPOSED GUARDRAIL
 46' RT. STA. 86+19.69 - 86+57.94
 16' LT. STA. 86+30.96 - 88+77.21
 46' LT. STA. 86+39.84 - 90+23.59

- ① 4" YELLOW EPOXY LINE
- ② 4" DOUBLE YELLOW EPOXY LINES
- ③ 4" WHITE EPOXY LINE
- ④ 6" WHITE PREFORMED PLASTIC LINE (30' SKIP/10' DASH)
- ⑤ 8" WHITE EPOXY LINE
- ⑥ 12" WHITE EPOXY LINE
- ⑦ 12" YELLOW EPOXY LINE
- ⑧ 24" WHITE EPOXY LINE
- ⑨ YELLOW EPOXY TURN ARROWS
- ⑩ WHITE EPOXY TURN ARROWS
- ⑪ ONE-WAY CRYSTAL
- ⑫ ONE-WAY AMBER
- ⑬ TWO-WAY AMBER

T6N R2W 4TH PM (MACOMB CITY TWP)
SECTION 30

⑩ MEDIAN STA 95+99.48 US 67 =
STA 10+01.66 TOWER ROAD =
STA 10+00 DOG POUND DRIVE



END CONSTRUCTION
STA 13+30

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED STRIPING
 STA 85+00 - 98+50
 SCALE: VERT. 1" = 50'
 HORIZ. DATE
 DRAWN BY CADD
 CHECKED BY

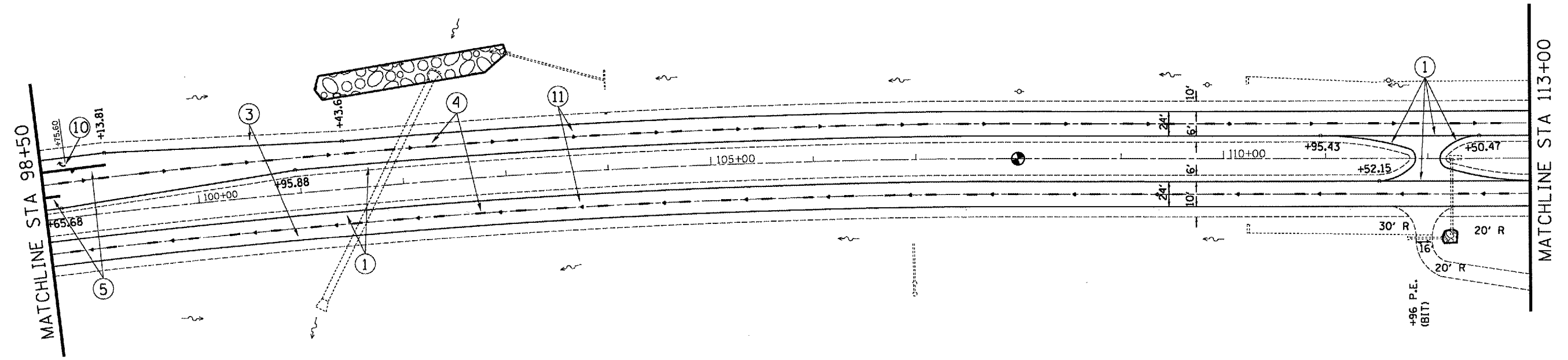
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 REFERENCE = SHEET

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-2IRS	MCDONOUGH	66	45
STA. 98+50		TO STA. 113+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

- ① 4" YELLOW EPOXY LINE
- ② 4" DOUBLE YELLOW EPOXY LINES
- ③ 4" WHITE EPOXY LINE
- ④ 6" WHITE PREFORMED PLASTIC LINE (30' SKIP/10' DASH)
- ⑤ 8" WHITE EPOXY LINE
- ⑥ 12" WHITE EPOXY LINE
- ⑦ 12" YELLOW EPOXY LINE
- ⑧ 24" WHITE EPOXY LINE
- ⑨ YELLOW EPOXY TURN ARROWS
- ⑩ WHITE EPOXY TURN ARROWS
- ⑪ ONE-WAY CRYSTAL
- ⑫ ONE-WAY AMBER
- ⑬ TWO-WAY AMBER



T6N R3W 4TH PM (MACOMB CITY TWP)
SECTION 24



T6N R2W 4TH PM (MACOMB CITY TWP)
SECTION 19



PLOT DATE = 3/23/2005
 FILE NAME = c:\projects\68334\sheet.dgn
 PLOT SCALE = 1/8" = 100' / IN.
 REFERENCE = SHEET#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED STRIPING
STA 98+50 - 113+00

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

DRAWN BY CADD
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-2RS	MCDONOUGH	66	46
STA. 113+00 TO STA. 126+00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

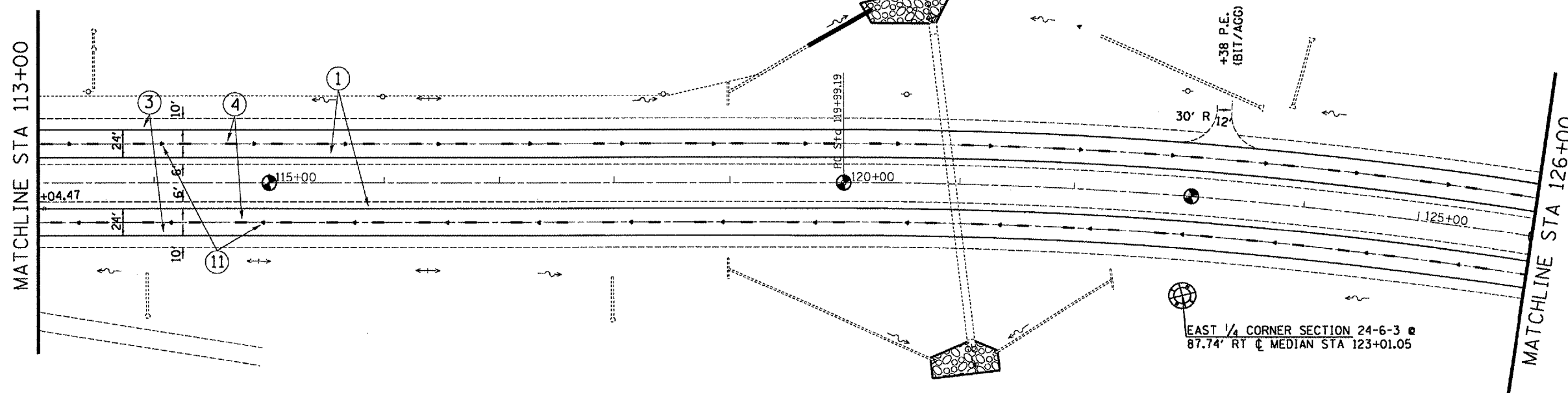


EXIST. CURVE @ MEDIAN
 PI STA. = 123+02.11
 $\Delta = 9^{\circ} 04' 07''$ (RT)
 $D = 1^{\circ} 30' 00''$
 $R = 3,819.72'$
 $T = 302.92'$
 $L = 604.57'$
 $E = 11.99'$
 $S.E. RUN = 0.030$ FT/FT
 $P.C. STA. = 119+99.19$
 $P.T. STA. = 126+03.76$

T6N R3W 4TH PM (MACOMB CITY TWP)
SECTION 24

T6N R3W 4TH PM (EMMET TWP)
SECTION 24

T6N R2W 4TH PM (MACOMB TWP)
SECTION 19



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED STRIPING
STA 113+00 - 126+00
 SCALE: VERT. 1" = 50'
 HORIZ. DATE
 DRAWN BY CADD
 CHECKED BY

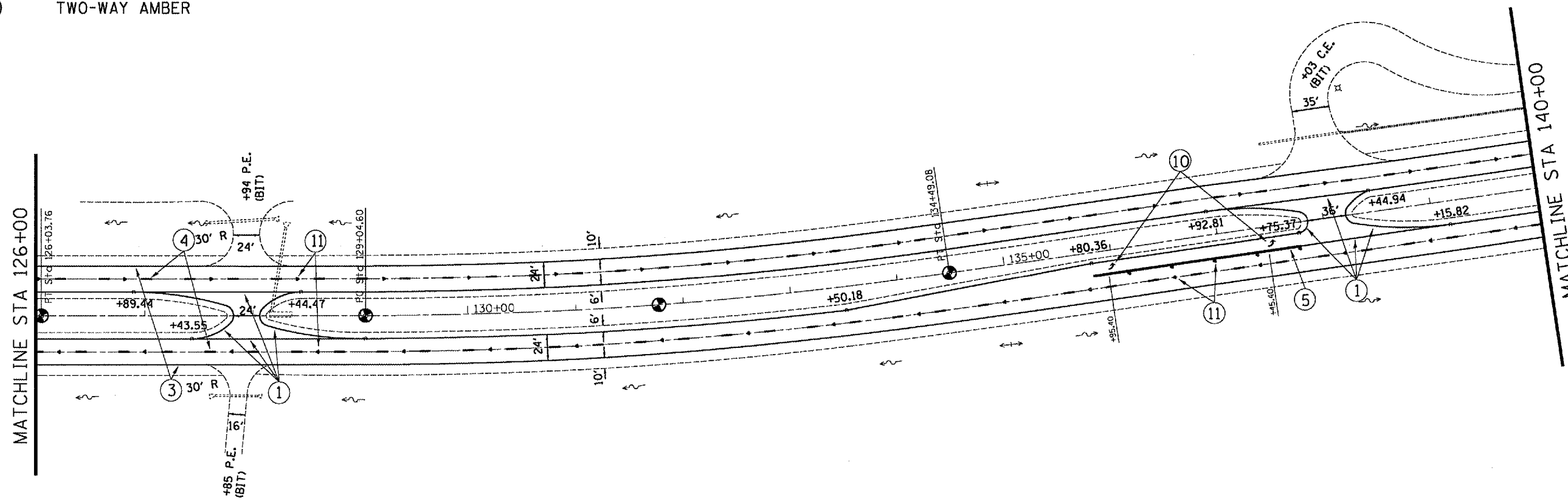
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 REFERENCE: SHEET

CONTRACT NO. 68334				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-2RS	MCDONOUGH	66	47
STA. 126+00 TO STA. 140+00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

- ① 4" YELLOW EPOXY LINE
- ② 4" DOUBLE YELLOW EPOXY LINES
- ③ 4" WHITE EPOXY LINE
- ④ 6" WHITE PREFORMED PLASTIC LINE (30' SKIP/10' DASH)
- ⑤ 8" WHITE EPOXY LINE
- ⑥ 12" WHITE EPOXY LINE
- ⑦ 12" YELLOW EPOXY LINE
- ⑧ 24" WHITE EPOXY LINE
- ⑨ YELLOW EPOXY TURN ARROWS
- ⑩ WHITE EPOXY TURN ARROWS
- ⑪ ONE-WAY CRYSTAL
- ⑫ ONE-WAY AMBER
- ⑬ TWO-WAY AMBER

EXIST. CURVE @ MEDIAN
 PI STA. = 131+77.30
 $\Delta = 8^\circ 10' 02''$ (LT)
 $D = 1^\circ 30' 00''$
 $R = 3,819.72'$
 $T = 272.70'$
 $L = 544.48'$
 $E = 9.72'$
 $S.E. RUN = 0.030 FT/FT$
 $P.C. STA. = 129+04.60$
 $P.T. STA. = 134+49.08$

T6N R3W 4TH PM (EMMET TWP)
 SECTION 24



T6N R2W 4TH PM (MACOMB TWP)
 SECTION 19



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED STRIPING
 STA 126+00 - 140+00
 SCALE: VERT. 1" = 50'
 HORIZ. DATE
 DRAWN BY CADD
 CHECKED BY

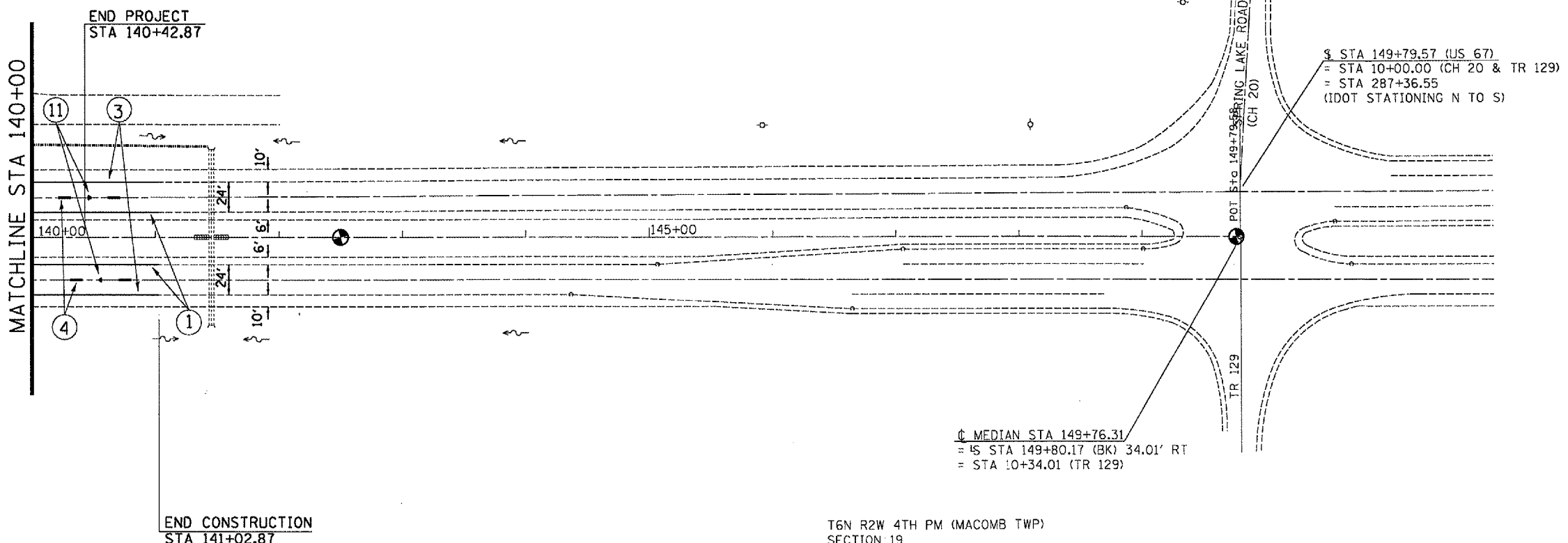
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F.A.P. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-21RS	MCDONOUGH	66	48
STA. 140+00		TO STA. E.O.P.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

- ① 4" YELLOW EPOXY LINE
- ② 4" DOUBLE YELLOW EPOXY LINES
- ③ 4" WHITE EPOXY LINE
- ④ 6" WHITE PREFORMED PLASTIC LINE (30' SKIP/10' DASH)
- ⑤ 8" WHITE EPOXY LINE
- ⑥ 12" WHITE EPOXY LINE
- ⑦ 12" YELLOW EPOXY LINE
- ⑧ 24" WHITE EPOXY LINE
- ⑨ YELLOW EPOXY TURN ARROWS
- ⑩ WHITE EPOXY TURN ARROWS
- ⑪ ONE-WAY CRYSTAL
- ⑫ ONE-WAY AMBER
- ⑬ TWO-WAY AMBER



T6N R3W 4TH PM (EMMET TWP)
SECTION 24



T6N R2W 4TH PM (MACOMB TWP)
SECTION 19



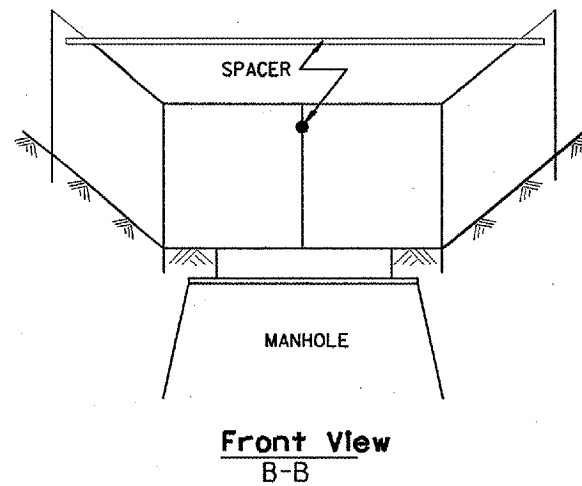
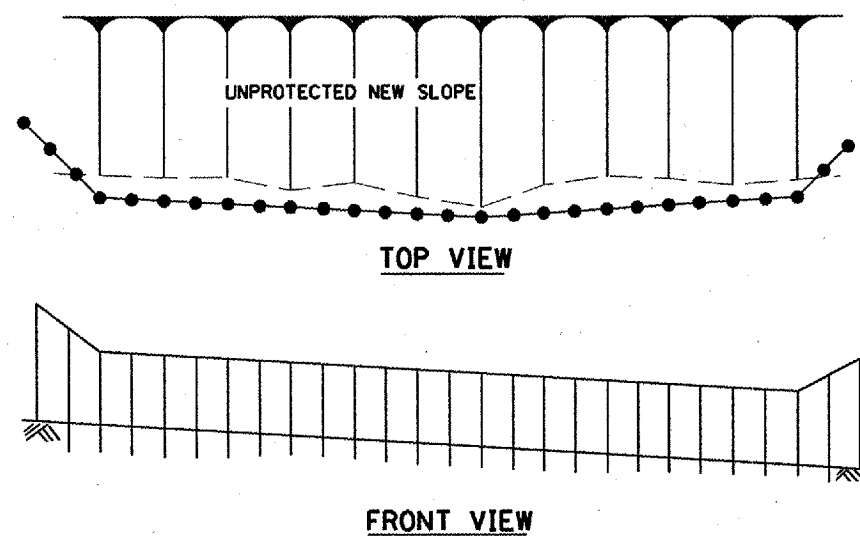
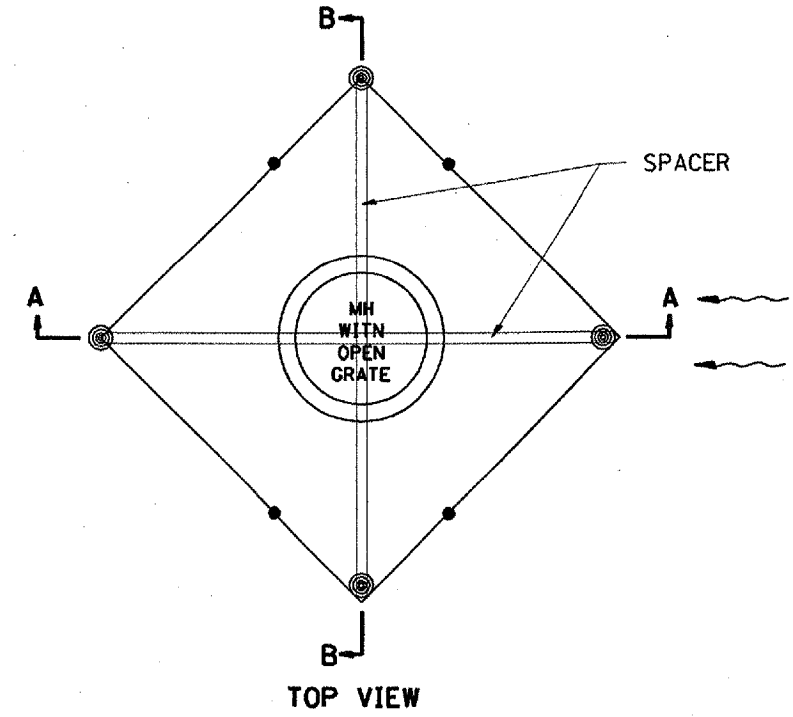
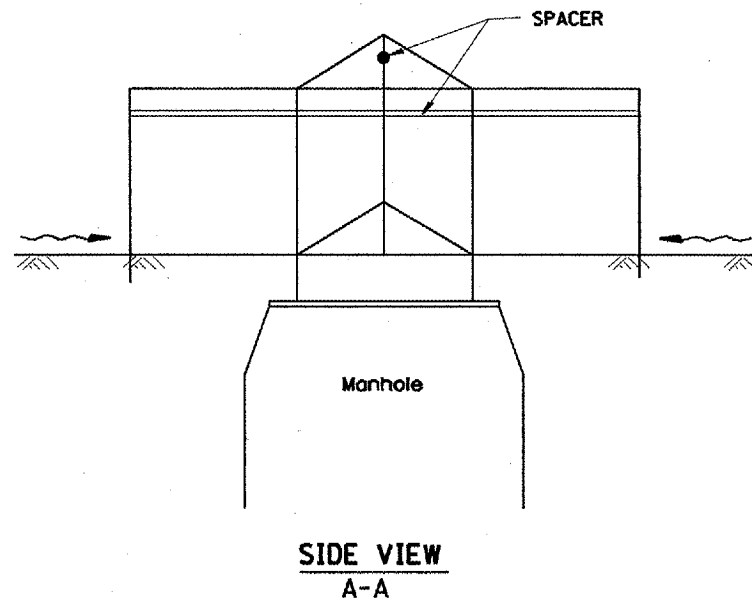
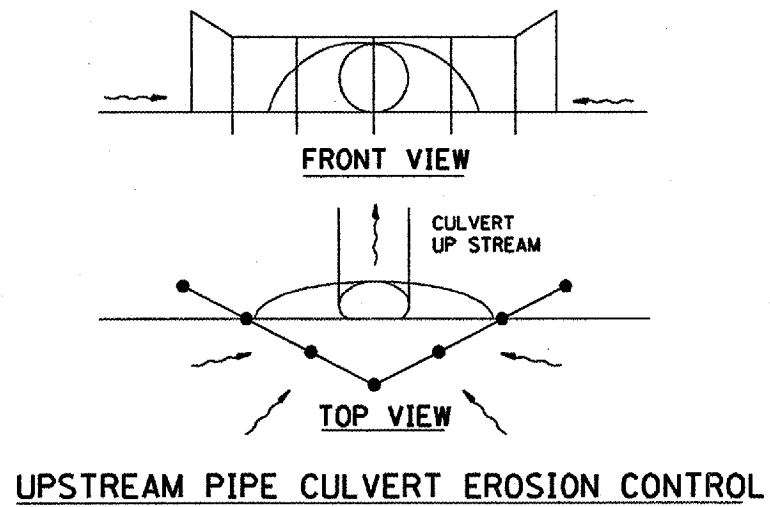
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED STRIPING
STA 140+00 - E.O.P.

SCALE: VERT. 1" = 50'
HORIZ. DATE
DRAWN BY CADD
CHECKED BY

PLOT DATE = 3/23/2005
FILE NAME = c:\p\m\meta\68334\sheet.dgn
PLOT SCALE = 1/8" = 1' / IN
REFERENCE = SHEET

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-2)RS	MCDONOUGH	66	49
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



EROSION CONTROL AT OPEN GRATE MAN HOLE

GENERAL NOTES:

1. This work shall be performed in accordance with Sections 280 & 1081, of the Standard Specifications.
2. Additional Timber or Metal Post shall be installed, as needed.

All dimensions are in millimeters (Inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION

SPECIAL DETAIL SHEET

TYPICAL APPLICATION OF SILT FILTER FENCE

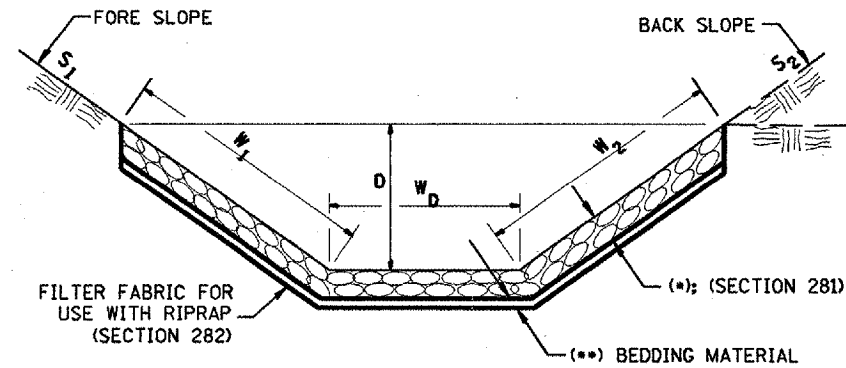
CADD DETAIL 280001-D4 SCALE: NOT DRAWN TO SCALE
DRAWN BY CADD CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. A-12.05, NEW REVISION BOX	T.P.
3-11-03	ELIMINATED SILT FENCE DITCH CHECK	M.M.A.

\$\$\$DATE\$\$\$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-2RS	MCDONOUGH	66	50
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

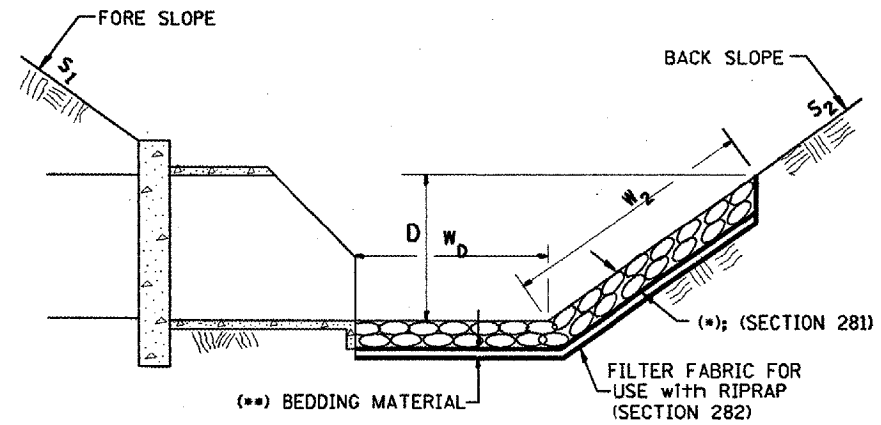
**CASE 1
(DITCH)**



(*)				
LOCATION	WIDTH (1)	LENGTH	RIPRAP	FABRIC
STA TO STA	m (lin ft)	m (lin ft)	m tons (tons)	m ² (sq yds)
TOTAL				

(1) WIDTH = $W_1 + W_2 + W_0$

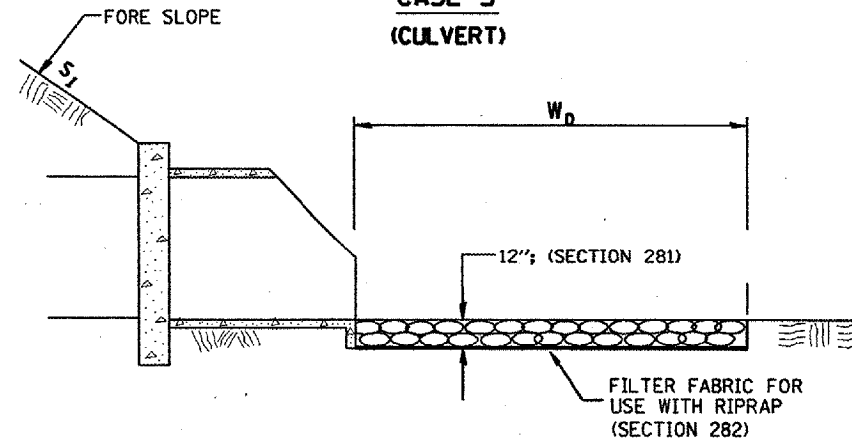
**CASE 2
(CULVERT & SLOPE)**



(*)				
LOCATION	WIDTH (1)	LENGTH	RIPRAP	FABRIC
STA TO STA	m (lin ft)	m (lin ft)	m tons (tons)	m ² (sq yds)
TOTAL				

(1) WIDTH = $W_2 + W_0$

**CASE 3
(CULVERT)**



STONE DUMPED RIPRAP, CLASS B3				
LOCATION	WIDTH (1)	LENGTH	RIPRAP	FABRIC
STA TO STA	m (lin ft)	m (lin ft)	m tons (tons)	m ² (sq yds)
RT STA 58+50	VAR.	VAR.	118.9	237.8
LT STA 60+00	VAR.	25.0	43.4	86.8
RT STA 72+16	VAR.	33.0	33.5	67.0
LT STA 101+80	VAR.	82.0	234.4	468.8
RT STA 112+25	VAR.	12.0	9.7	19.3
LT STA 120+25	VAR.	80.0	102.0	204.0
RT STA 121+00	VAR.	58.0	76.6	153.3
TOTAL			618.5	1237.0

(1) WIDTH = W_0

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

SPECIAL DETAIL SHEET

**RIPRAP DITCH FOR
EROSION PROTECTION**

CADD DETAIL 281001-D4
SCALE: NOT DRAWN TO SCALE

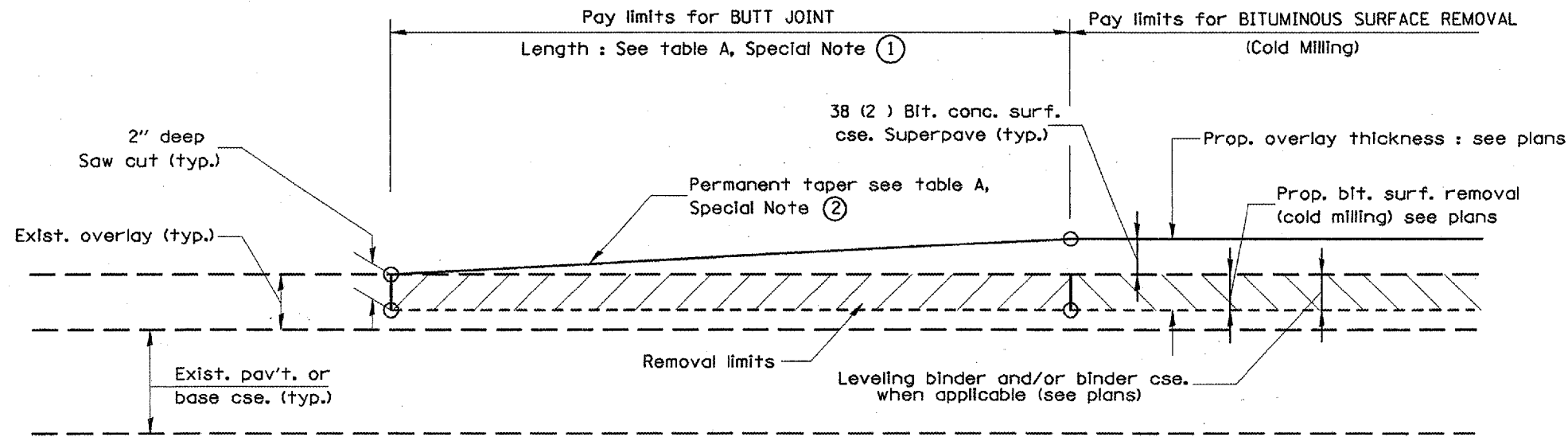
DRAWN BY CADD
CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. A-12.02, NEW REVISION BOX	T.P.
12-1-97	CORRECT FILTER FABRIC LEADER ARROW	J.A.

281001-D4

DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-2)RS	MCDONOUGH	66	51
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



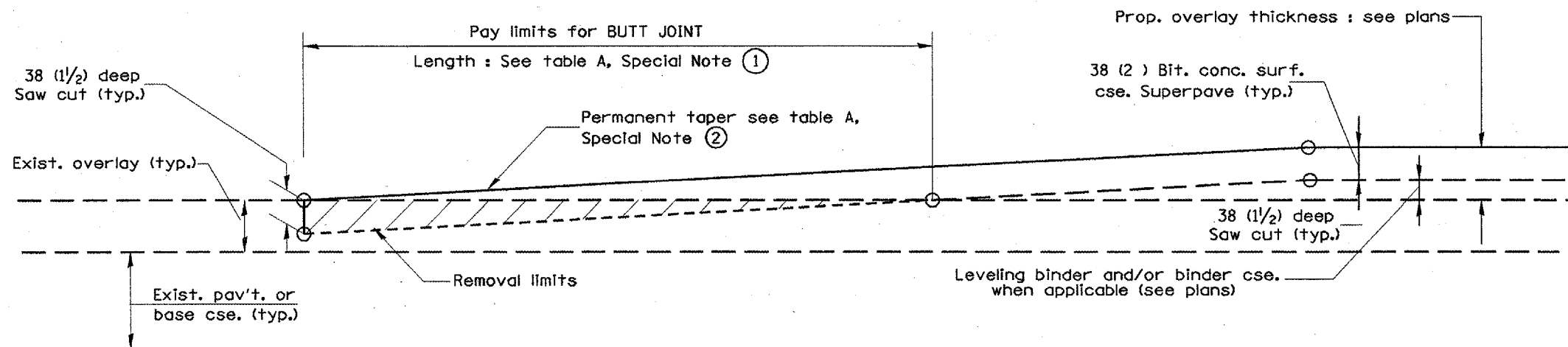
CASE 1 : WITH BITUMINOUS SURFACE REMOVAL (COLD MILLING)

**TABLE A
(LENGTHS AND TAPER RATES)**

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	LENGTH OF BUTT JOINT	18.0 m(60')	9.0 m(30')
②	PERMANENT TAPER RATE	1:480	1:240
③	TEMPORARY RAMP TAPER RATE	1:80	1:40
④	TEMPORARY RAMP LENGTH	3.0 m(10')	1.5 m(5')

GENERAL NOTES

1. The work shall be done in accordance with Article 406.18 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.03 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.06.



CASE 2 : NO BITUMINOUS SURFACE REMOVAL (COLD MILLING)

DATE	REVISIONS	BY
1-1-97	RENUM. C-23.01, NEW REVISION BOX	T.P.
4-1-97	CORRECTION TO DEPTH	J.A.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

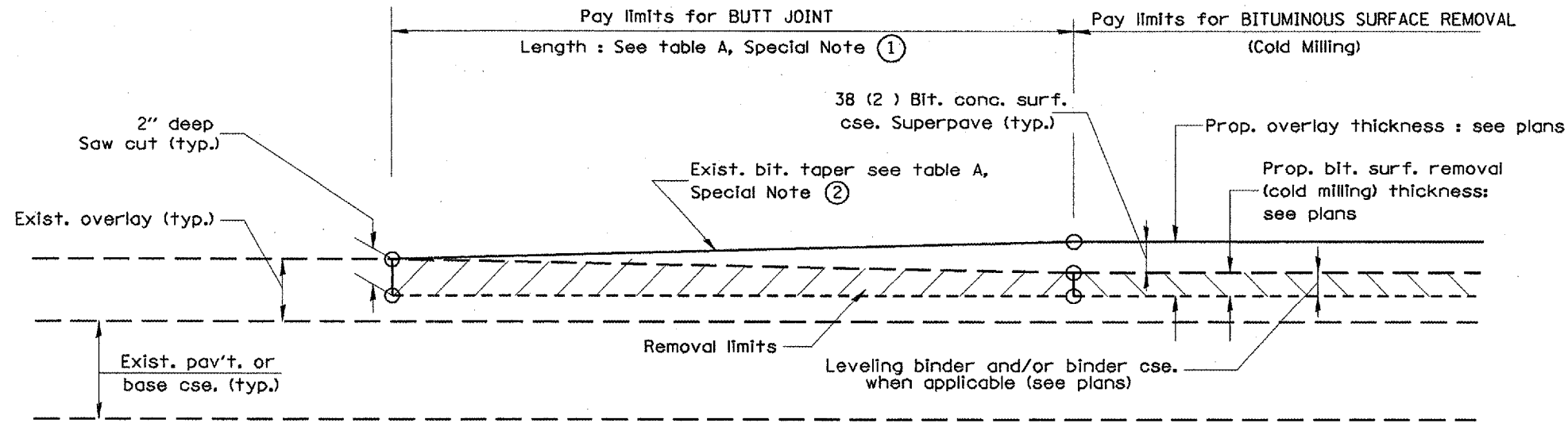
BUTT JOINTS

CADD STD NO. 406101-D4 SHEET 1 OF 2

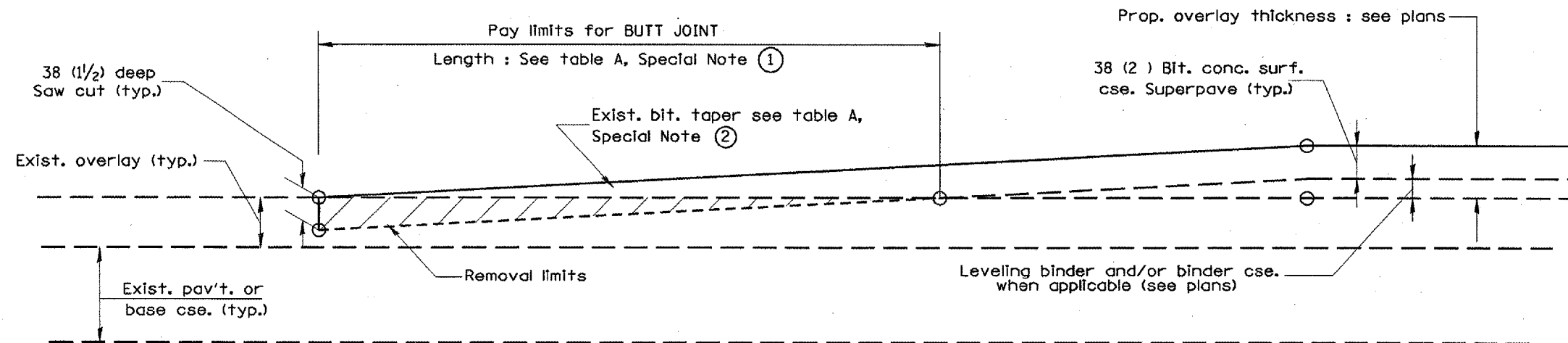
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DATE ##DATE## CHECKED BY

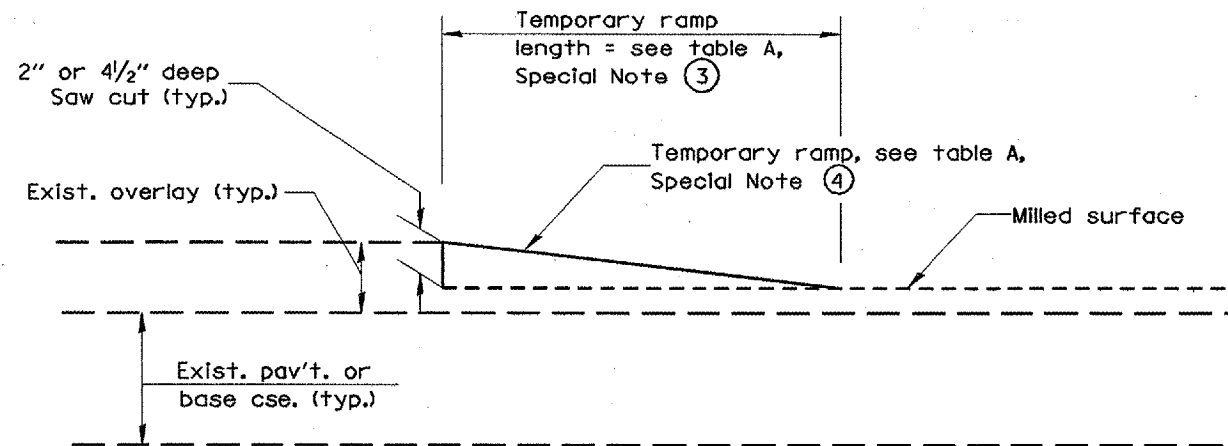
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-21RS	MCDONOUGH	66	52
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**CASE 3 : WITH BITUMINOUS SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**



**CASE 4 : NO BITUMINOUS SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**

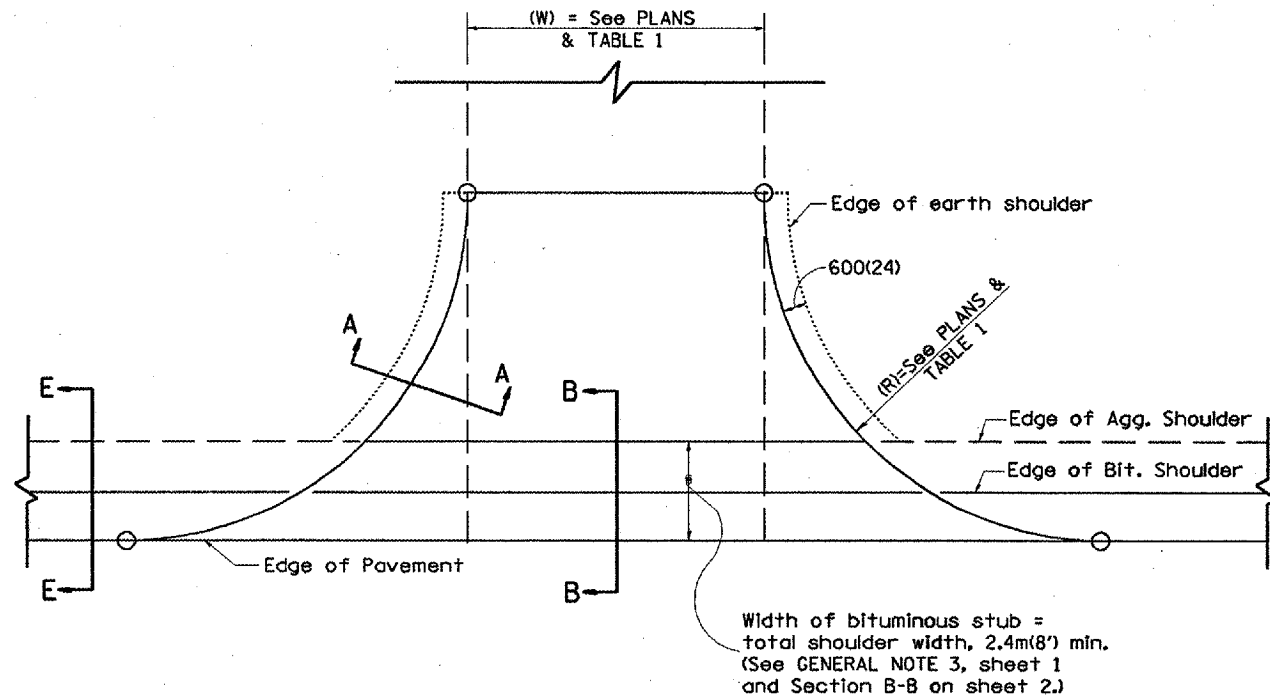


DETAIL TEMPORARY RAMP

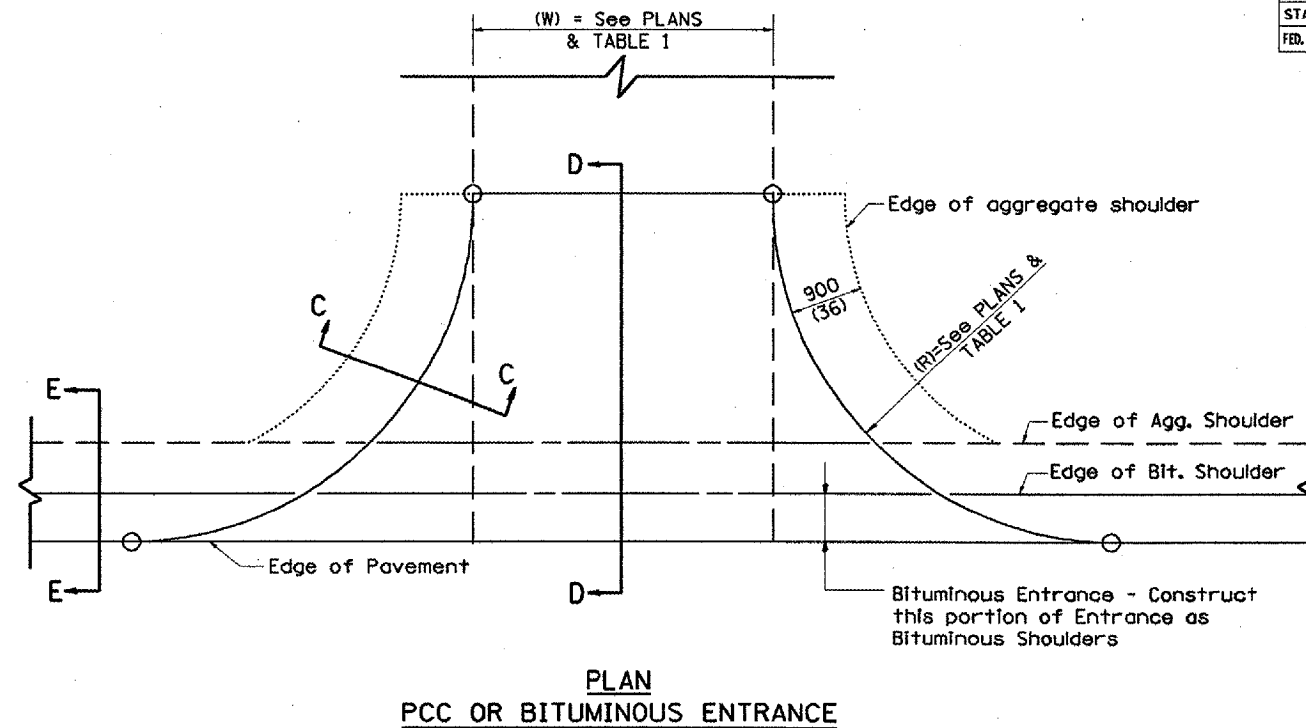
All dimensions are in millimeters (Inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
BUTT JOINTS	
CADD STD NO. 406101-D4	SHEET 2 OF 2
SCALE: NOT DRAWN TO SCALE	DRAWN BY CADD
DATE ##DATE##	CHECKED BY

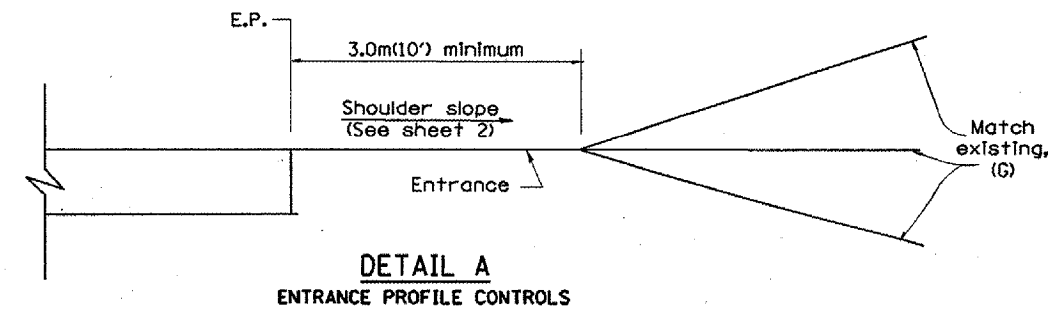
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	C38-2JRS	MCDONOUGH	66	53
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLAN
AGGREGATE ENTRANCE



PLAN
PCC OR BITUMINOUS ENTRANCE

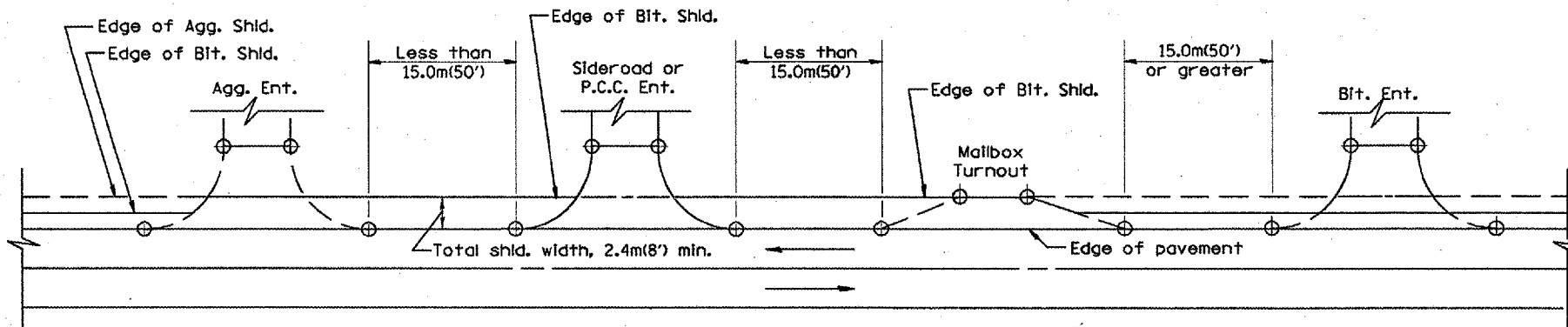


DETAIL A
ENTRANCE PROFILE CONTROLS

ELEMENT	NON-COMMERCIAL		NON-COMMERCIAL W/ LARGE FARM EQUIPMENT		COMMERCIAL	
					1-WAY OPERATION	2-WAY OPERATION
WIDTH (W)	3.6m(12') MIN.	7.2m(24') MAX.	6.1m(20') MIN.	9.0m(30') MAX.	4.3m(14') MIN., 7.2m(24') MAX.	7.2m(24') MIN., 10.7m(35') MAX.
RADIUS (R)	3.0m(10') MIN.	12.0m(40') MAX.	3.0m(10') MIN.	12.0m(40') MAX.	6.1m(20') MIN., 15.0m(50') MAX.	6.1m(20') MIN., 15.0m(50') MAX.
MAX. GRADE (G)	12%		12%		10%	

GENERAL NOTES

- Entrances shall slope away from the pavement edge at a rate equal to the shoulder slope for a minimum distance of 3.0m(10'). See DETAIL 'A'.
- The total shoulder width, 2.4m(8') minimum, shall be paved between sideroads, entrances and/or mailbox turnouts, at locations where the distance between radius or taper control points is less than 15.0m(50'). See DETAIL 'B'.
- The width of bituminous stub for field entrances shall be equal to the bituminous shoulder width unless otherwise shown.



DETAIL B
SHOULDER TREATMENT FOR CLOSELY SPACED SIDEROADS, ENTRANCES, AND/OR MAILBOX TURNOUTS (SEE GENERAL NOTE 2, SHEET 1)

All slopes ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

RURAL ENTRANCES FOR "3R" PROJECTS

SHEET 1 OF 2

CADD STD NO. 406301-D4

SCALE: NOT DRAWN TO SCALE

DRAWN BY CADD

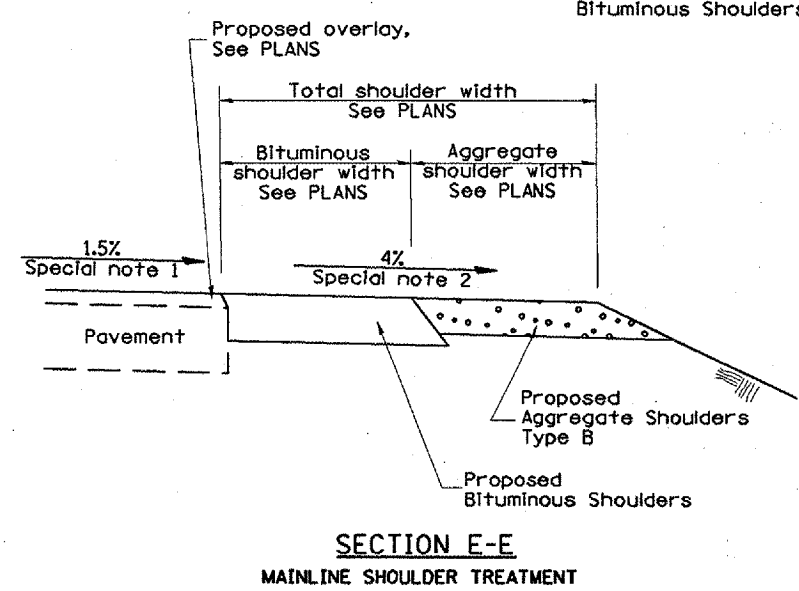
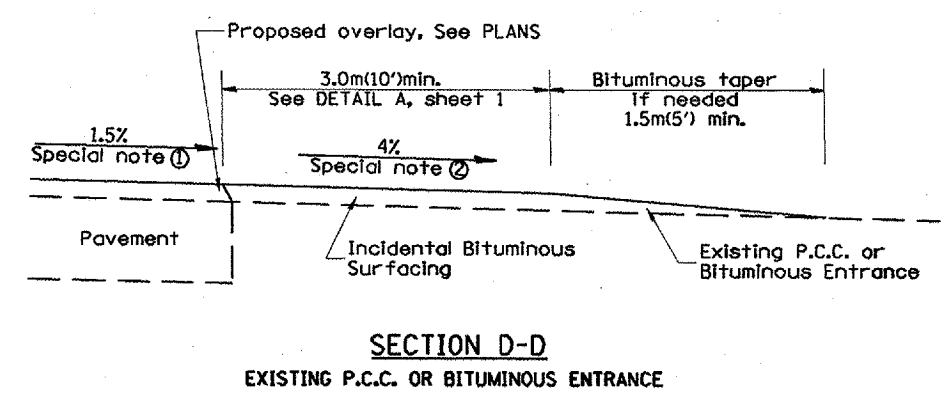
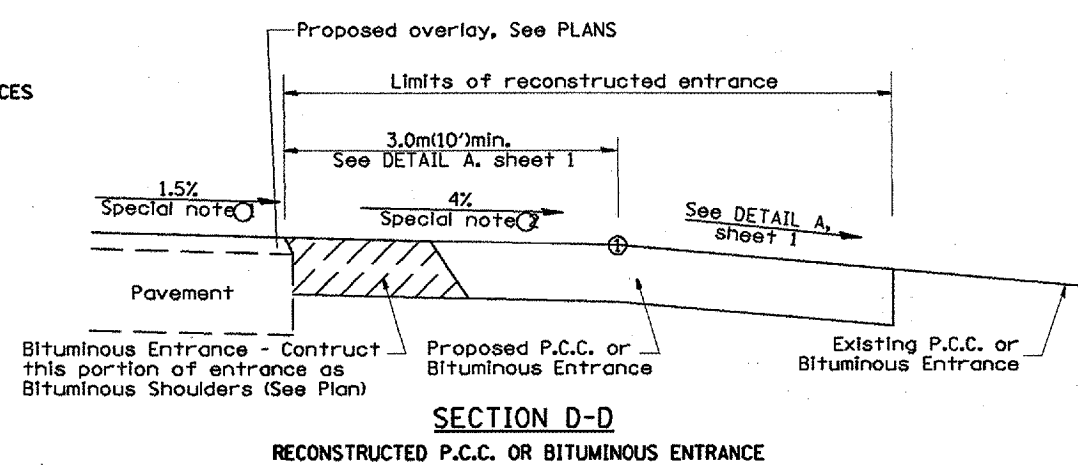
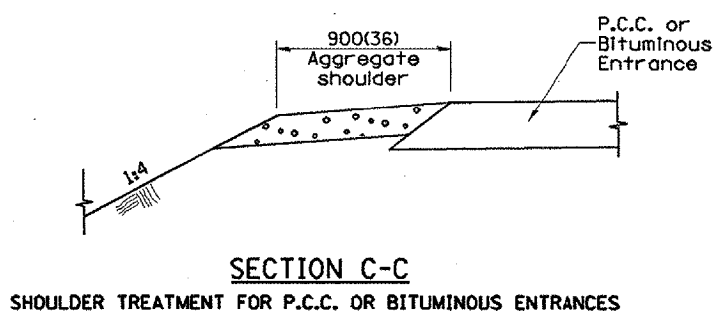
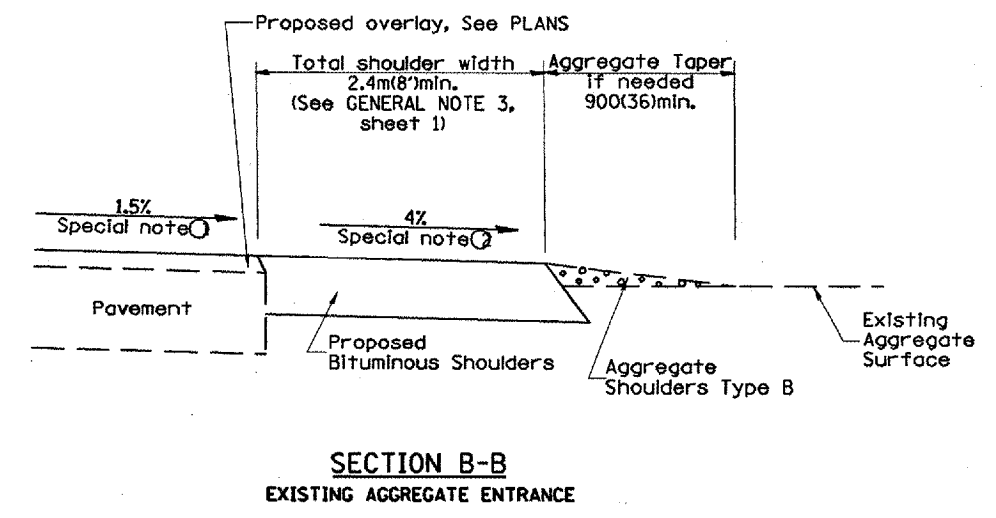
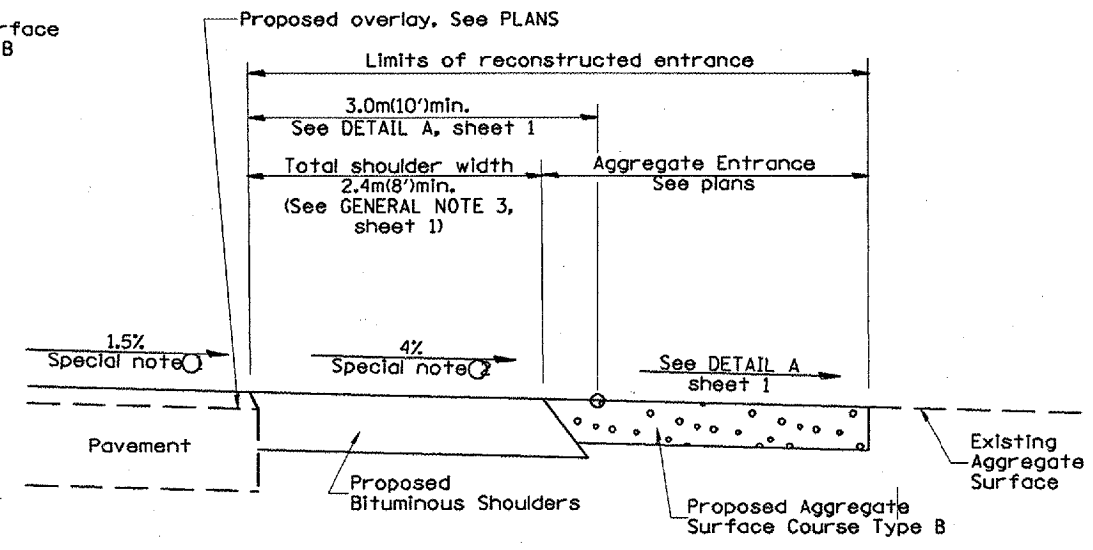
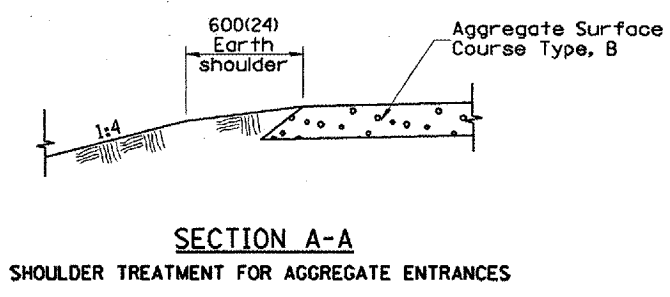
DATE **DATE**

CHECKED BY: T. PICKERING

DATE	REVISIONS	BY
1-1-97	RENUM. C-103.06, NEW REVISION BOX	T.P.
7-1-97	REVISE DESIGNER NOTES	J.A.

***DATE**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-2)RS	MCDONOUGH	66	54
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



SPECIAL NOTES

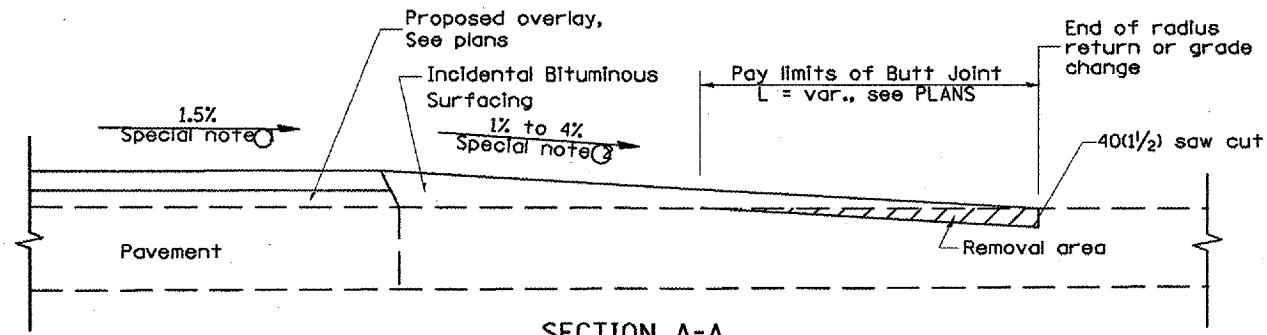
- ① The mainline pavement cross-slope is 1.5% for tangent alignment. See PLANS for cross-slope on super-elevated horizontal curves.
- ② The shoulder slope shall control the entrance profile for a distance of 3.0m(10') minimum from the pavement edge. The shoulder cross-slope is 4% for tangent alignment. Through super-elevated curves, the maximum pavement-shoulder breakover should not be greater than 10% for shoulders 1.8m(6') and wider and 12% for shoulders 1.2m(4') and less. Where 300(12) paved shoulders are provided, the breakover should be at the edge of the paved shoulder rather than at the pavement edge.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H). All dimensions are in millimeters (inches) unless otherwise noted.

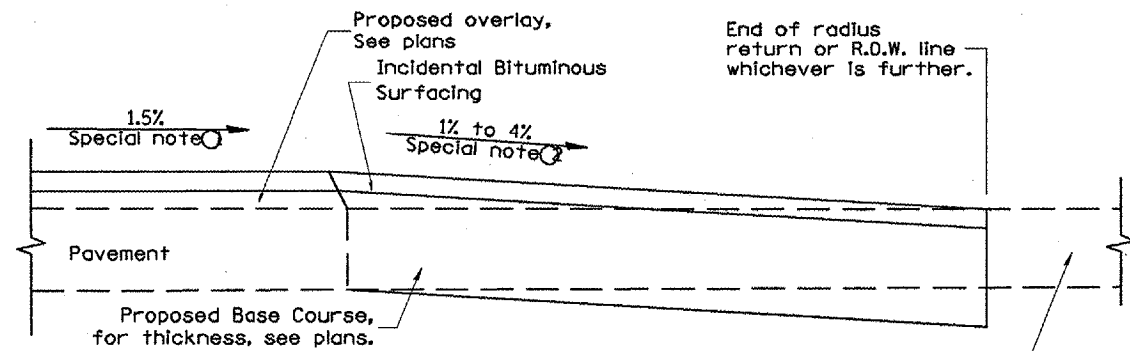
ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
RURAL ENTRANCES FOR "3R" PROJECTS	
CADD STD NO. 406301-D4	SHEET 2 OF 2
SCALE: NOT DRAWN TO SCALE	DRAWN BY CADD
DATE **DATE**	CHECKED BY: T. PICKERING

DATE

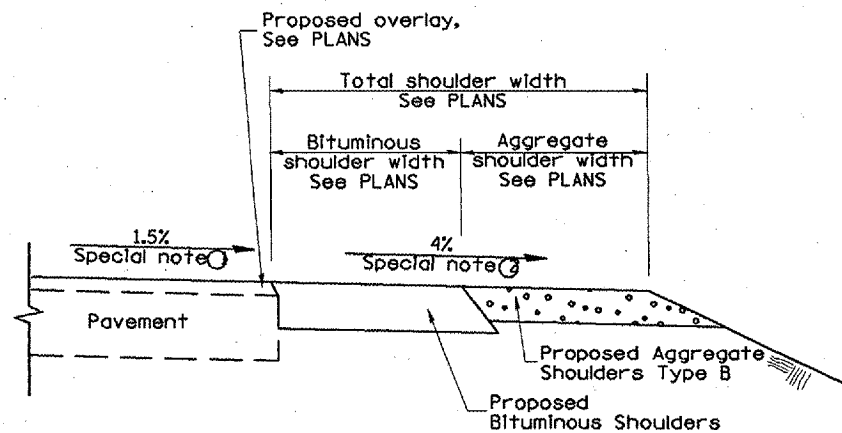
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-21RS	McDONOUGH	66	55
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



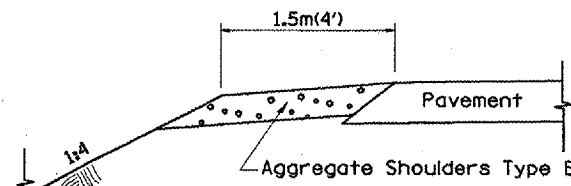
SECTION A-A
EXISTING PCC OR BITUMINOUS SIDEROAD



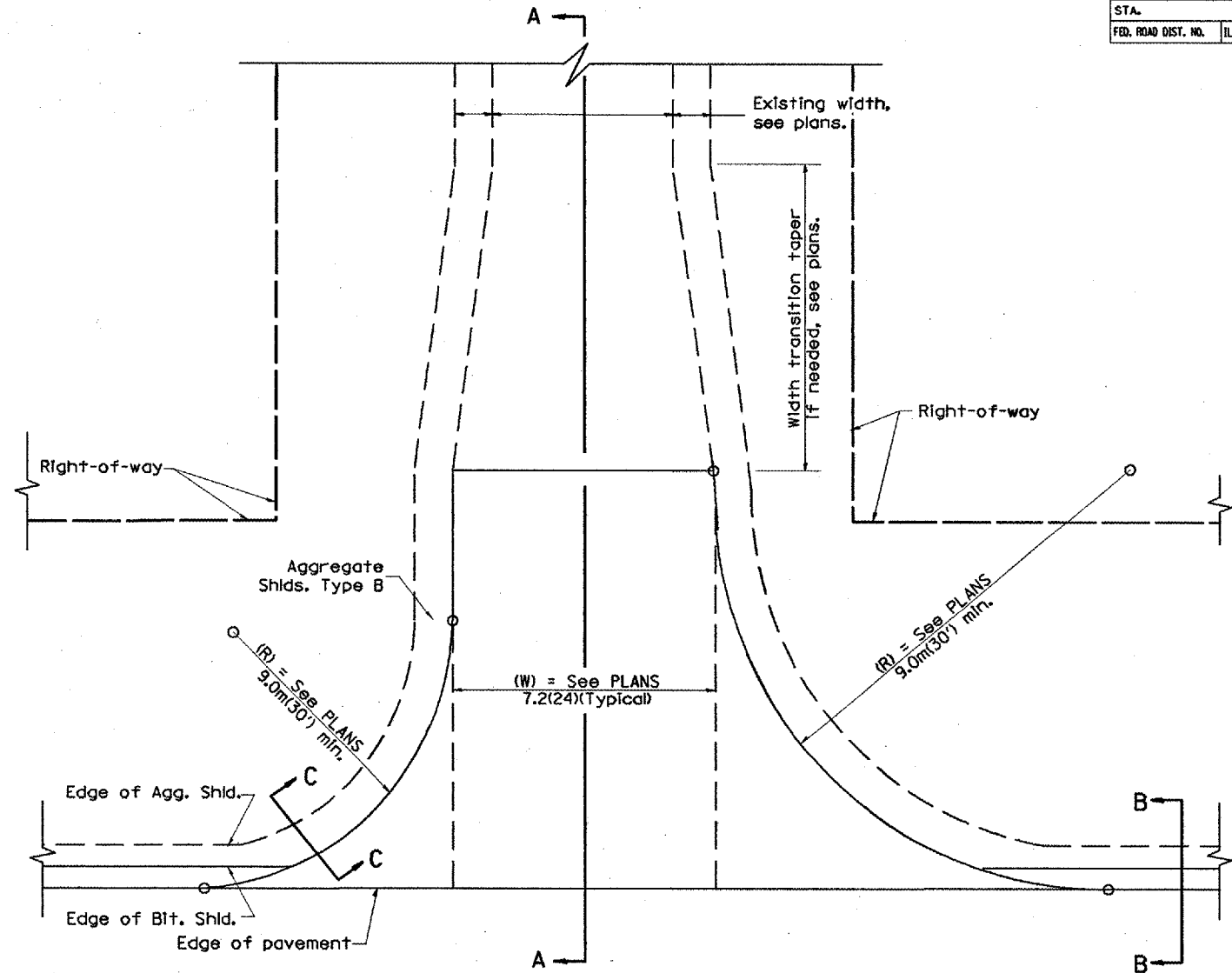
SECTION A-A
EXISTING AGGREGATE OR SEAL COAT SIDEROAD



SECTION B-B
MAINLINE SHOULDER TREATMENT



SECTION C-C
SIDEROAD SHOULDER TREATMENT



PLAN

SPECIAL NOTES

- ① The mainline pavement cross-slope is 1.5% for tangent alignment. See Plans for cross-slope on super-elevated horizontal curves.
- ② The sideroad profile should drain away from the mainline at 1% to 4% for 15.0m(50') to 30.0m(100'), or as a minimum to the end of the radius return. When the sideroad is on the high side of a mainline super-elevated curve, - 2% maximum should be provided in order to minimize breakover at the pavement edge. See plans for sideroad profiles.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

RURAL SIDEROADS FOR "3R" PROJECTS

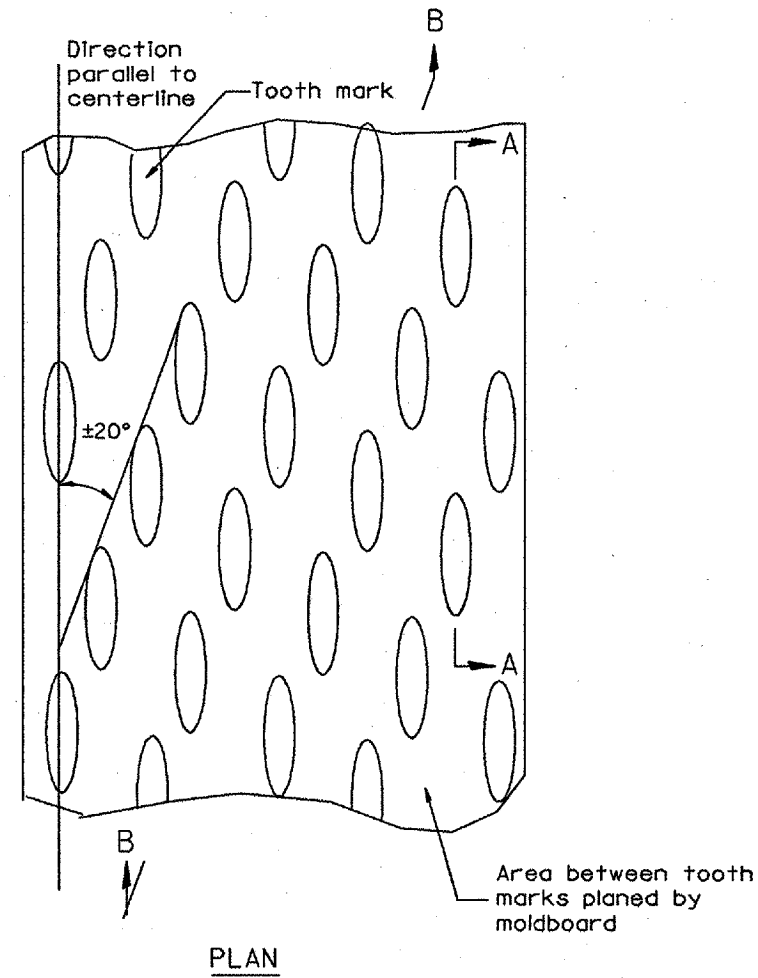
CADD STD NO. 406401-D4

SCALE: NOT DRAWN TO SCALE
DRAWN BY CADD
CHECKED BY: T. PICKERING

DATE	REVISIONS	BY
1-1-97	REVISION C-105.02, NEW REVISION BOX	T.P.
7-1-97	REVISE DESIGNER NOTES	J.A.

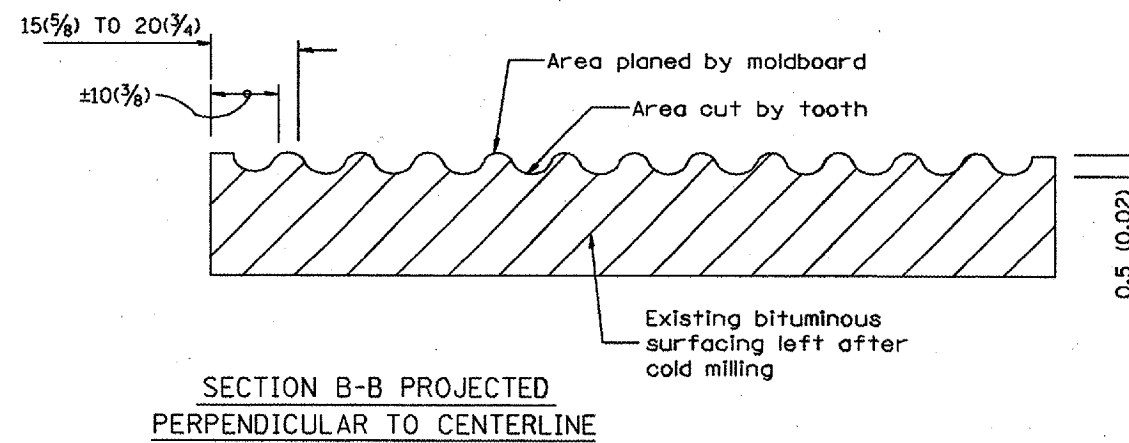
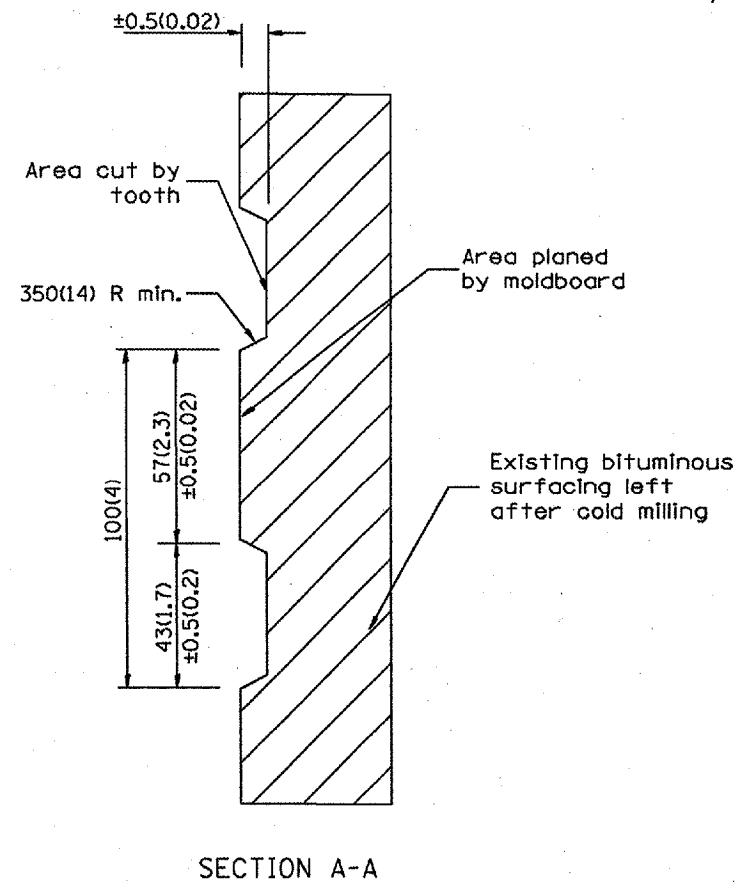
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	C38-2RS	MCDONOUGH	66	56
STA. TO STA.				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	



General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.



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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

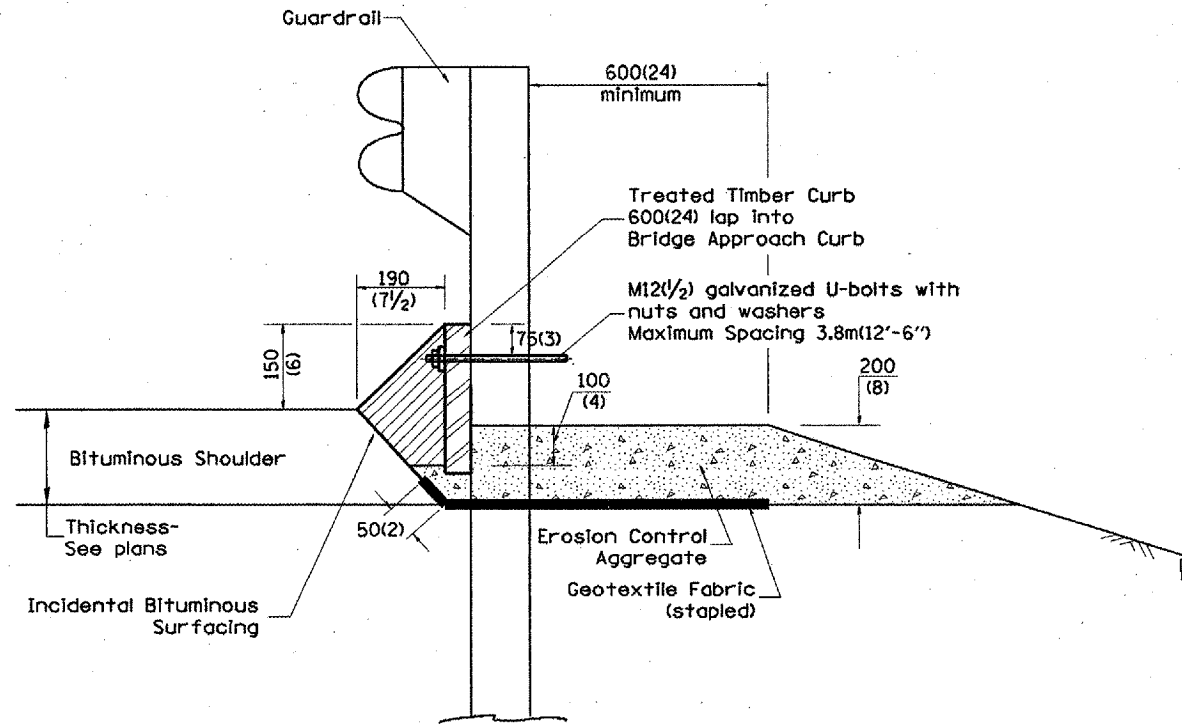
DATE	REVISIONS	BY
1-1-97	RENUM. C-104.01. NEW REVISION BOX	T. P.
4-20-98	REMOVED MILLING DETAIL FROM STD.	J. A.
9-08-98	CORRECT NOTE LEADER PLACEMENT	R. W.

BITUMINOUS SURFACE REMOVAL
(COLD MILLING)

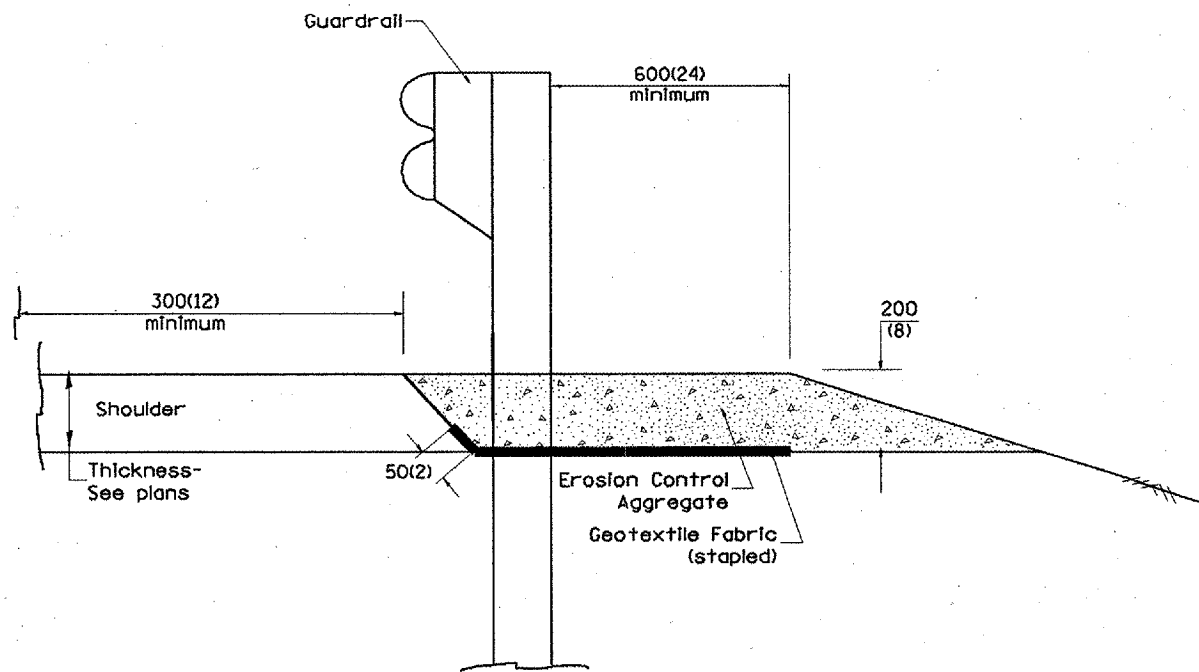
CADD STD NO. 440001-D4
SCALE: NOT DRAWN TO SCALE DRAWN BY CADD
DATE **DATE** CHECKED BY

\$\$\$DATE\$\$\$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-21RS	MCDONOUGH	66	57
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TYPICAL SECTION WITH EROSION CONTROL CURB



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

GENERAL NOTES: EROSION CONTROL CURB

1. This work shall consist of grading as needed, installing hardware and treated timber boards, furnishing and placing mastic material and incidental bituminous surfacing in front of Steel Plate Beam Guardrail in accordance with Plan Details.
2. Timber shall be treated in accordance with Article 1007.12. All preservatives specified in the article will be allowed. Waterborne preservatives "asa" and "oca" shall have a minimum retention of 6.4 kg/m³ (0.40 lbs./cu. ft.)

GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL

1. This work shall consist of grading as needed, furnishing and installing geotextile fabric and staples, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.
2. Before placing the aggregate and the Geotextile Fabric, weeds and grass shall be removed from the area to be covered.
3. After the area has been prepared, and in a dry condition, the Geotextile fabric shall be placed with a 300(12) minimum overlap. A knife cut for guardrail post installation is necessary.
4. The aggregate shall be deposited, compacted and shaped by either mechanical or hand methods, in a manner reasonably true to line and grade.
5. The Contractor shall have the option of placing the guardrail before or after the Geotextile Fabric and Aggregate are in place. If the guardrail is placed after the Geotextile Fabric and Aggregate, then any voids must be filled and the aggregate returned to line and grade.
6. Materials shall meet the following requirements:
 - A. The crushed aggregate shall be CA1 gradation in accordance with Article 1004.01(c) of the Standard Specifications.
 - B. The Geotextile Fabric shall be nonwoven fabric in accordance with Article 1080.02 of the Standard Specifications.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

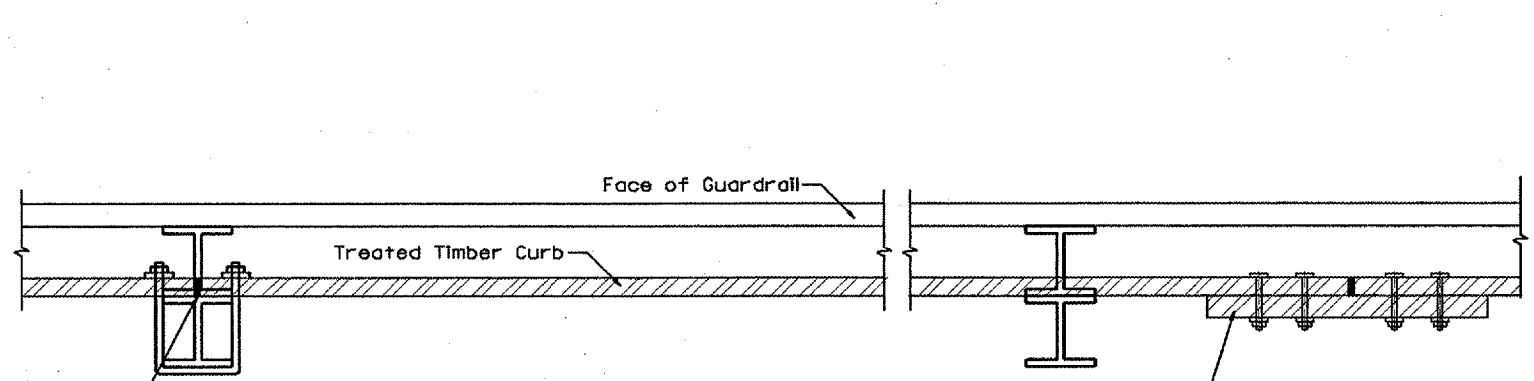
GUARDRAIL EROSION CONTROL TREATMENTS

DATE	REVISIONS	BY
1-1-97	RENUM. C-22.01, NEW REVISION BOX	T.P.
3-1-97	CORRECT STD. NUMBERS IN NOTES PG. 2	J.A.
11-3-00	CORRECTION TO NOTES	M.A.

CADD STD NO. 630101-D41D
SCALE: NOT DRAWN TO SCALE

SHEET 1 OF 2
DRAWN BY CADD
CHECKED BY

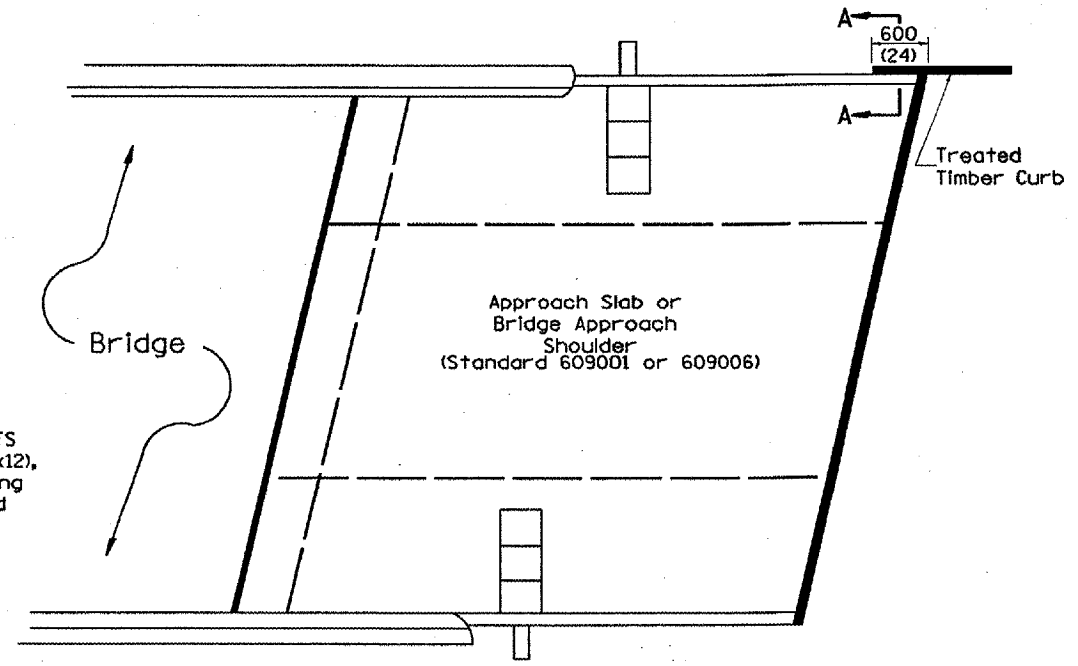
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-2RS	MCDONOUGH	65	58
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



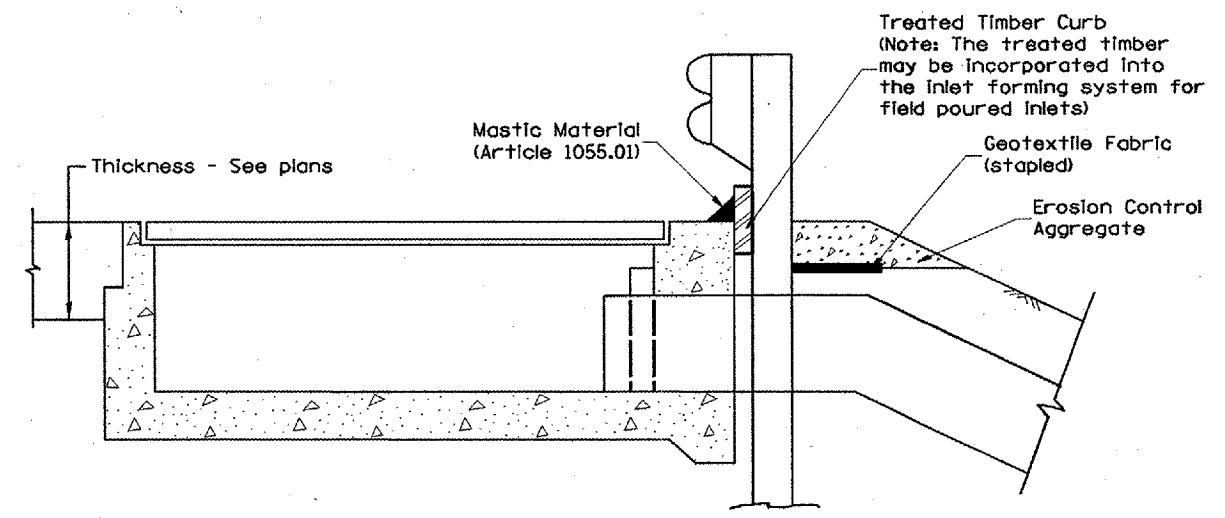
SPLICE LOCATED AT GUARDRAIL POST
M12(1/2) galvanized U-bolt with
nut & washer

SPLICE LOCATED BETWEEN GUARDRAIL POSTS
treated timber splice plate 50x300 (2x12),
actual size 40x290 (1 1/2x1 1/2), 600(24) long
with 8 evenly spaced M12(1/2) galvanized
bolts with nuts & washers.

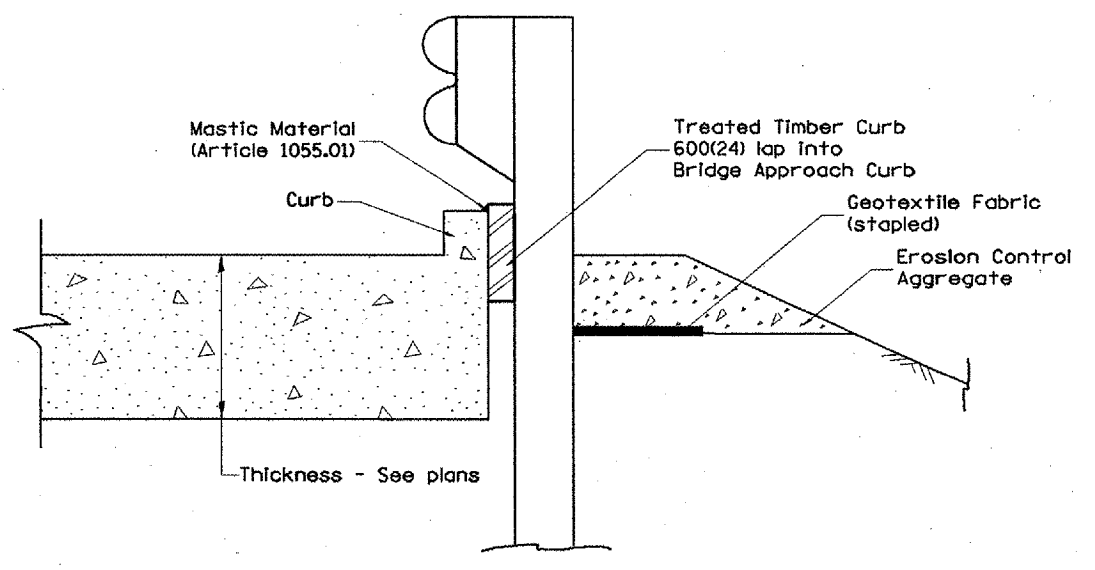
DETAIL A
(Typical Treated Timber Splices)



PLAN VIEW
APPROACH SLAB OR BRIDGE APPROACH SHOULDER
(STANDARD 609001 or 609006)



TYPICAL SECTION WITH EROSION CONTROL CURB
AT INLETS TYPE E & F (STANDARD 610001)



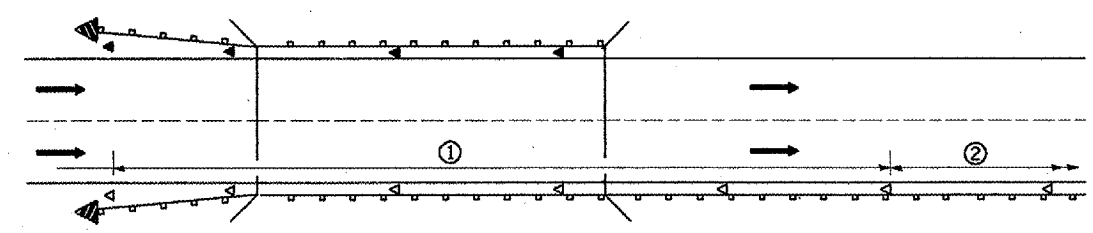
SECTION A-A
TYPICAL SECTION WITH EROSION CONTROL CURB
AT BRIDGE APPROACH CURB
(STANDARD 609001 OR 609006)

All dimensions are in millimeters
(Inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
GUARDRAIL EROSION CONTROL TREATMENTS	
CADD STD NO. 630101-04(2)	SHEET 2 OF 2
SCALE: NOT DRAWN TO SCALE	DRAWN BY CADD
	CHECKED BY

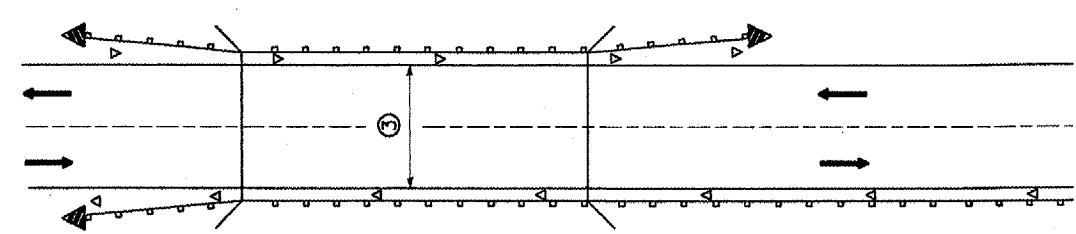
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-21RS	MCDONOUGH	66	59
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- ① Spacing 24 m (80 ft.) max. for first 122 m (400 ft.) or curve spacing shown in Standard 635001, whichever is less (min. 4 reflectors regardless of length).
- ② After 122 m (400 ft.), transition to normal delineator spacing shown in Standard 635001, and continue as required.

ONE-WAY TRAFFIC



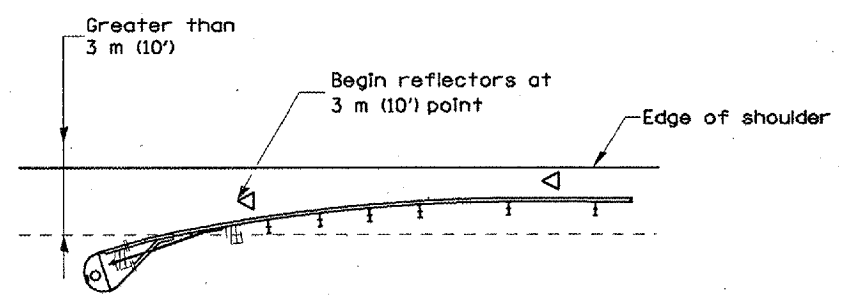
- ③ Bidirectional silver/silver should be used in lieu of monodirectional silver on both sides of two-lane bridges where the bridge pavement is less than 610 (24) wider than the pavement approaching the bridge.

TWO-WAY TRAFFIC

GUARDRAIL / BARRIER WALL / BRIDGE RAIL REFLECTORS

LEGEND

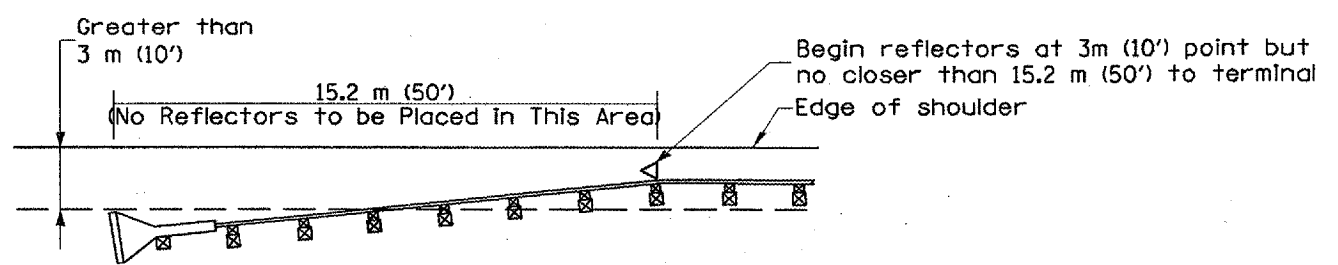
- ◁ Monodirectional silver
- ◄ Monodirectional amber
- ▴ Terminal Marker - Black/Yellow
Left or Right as appropriate



NOTE: Omit terminal marker when terminal over 3 m (10') from edge of paved shoulder or break point of unpaved shoulder, or when terminal buried in backslope.

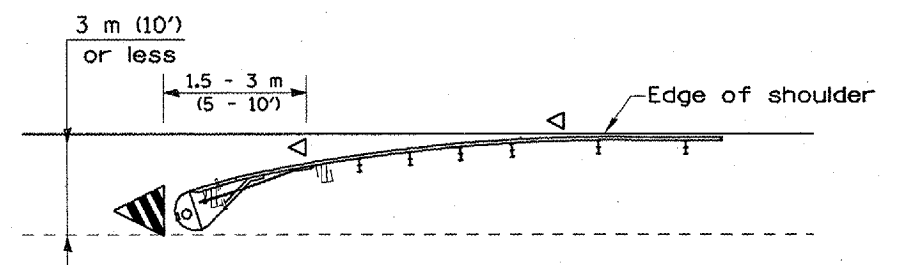
Traffic Barrier Terminal Type(*) and/or Turned-Down Terminal

[Terminal over 3 m (10') from edge of shoulder]
*See Plans for Type



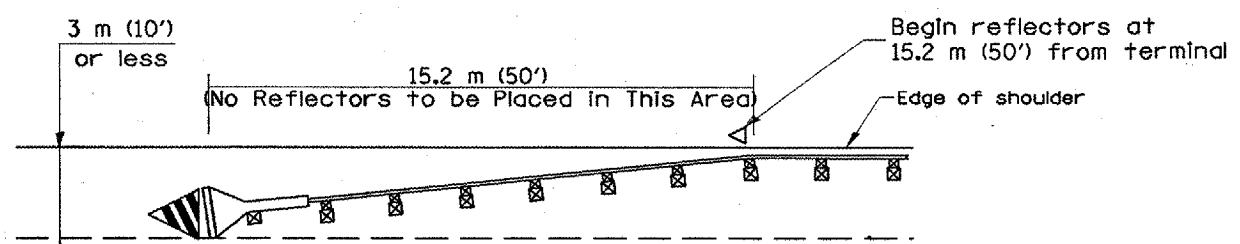
NOTE: Omit terminal marker when terminal over (10') from edge of paved shoulder or break point of unpaved shoulder.

Traffic Barrier Terminal Type 1 (Special)
[Terminal over 3 m (10') from edge of shoulder]



Traffic Barrier Terminal Type(*) and/or Turned-Down Terminal

[Terminal over 3 m (10') or less from edge of shoulder]
*See Plans for Type



Traffic Barrier Terminal Type 1(Special)
[Terminal 3 m (10') or less from edge of shoulder]

All dimensions are in millimeters (Inches) unless otherwise noted.

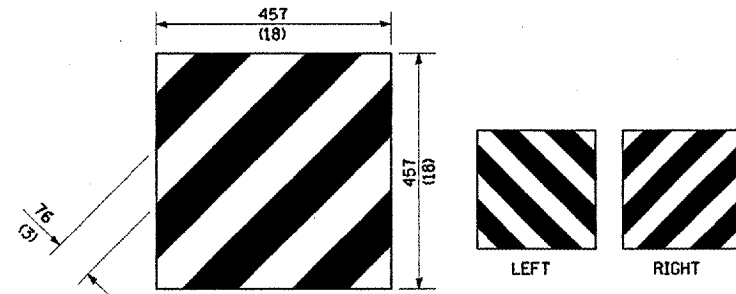
ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
GUARDRAIL AND BARRIER WALL DELINEATION	
CADD STD. NO. 635101-04	SHEET 1 OF 3
SCALE: NOT DRAWN TO SCALE	DRAWN BY CADD
	CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. E-10.02. NEW REVISION BOX	T.P.
3-1-97	CORRECT STD. SPEC. *	J.A.

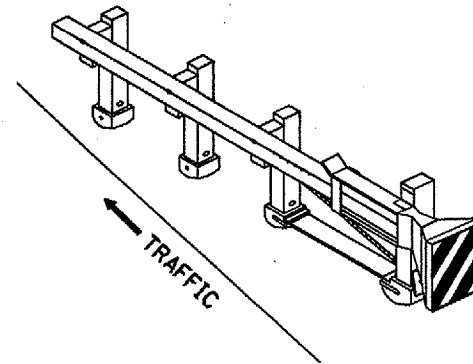
TERMINAL MARKER PLACEMENT

\$\$\$DATE\$\$\$

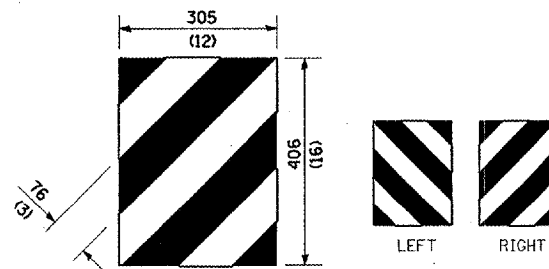
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-21RS	MCDONOUGH	66	60
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



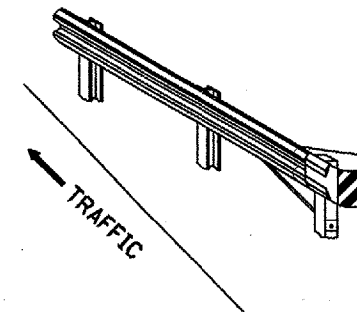
For Traffic Barrier Terminal Type 1 (Special)



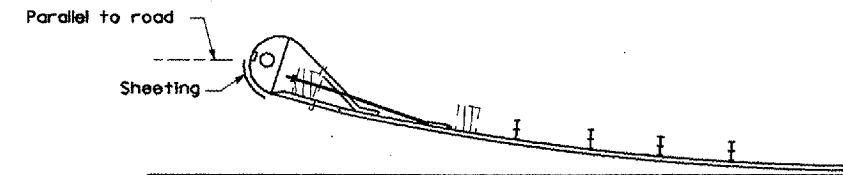
Standard Treatment - Direct Applied Sheeting
Traffic Barrier Terminal Type 1 (Special)



For Traffic Barrier Terminal Type (*)
and Post Mount
* See Plans for Type



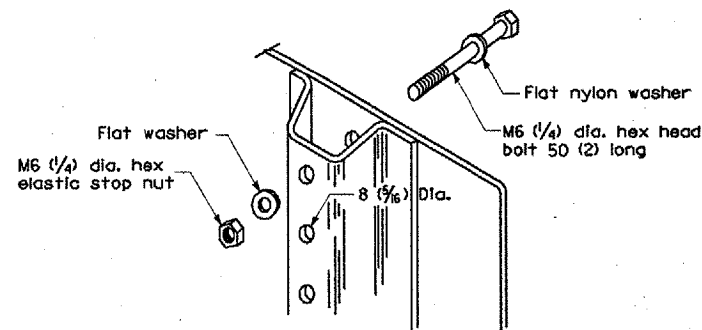
Standard Treatment - Direct Applied Sheeting
Traffic Barrier Terminal Type (*)
* See Plans for Type



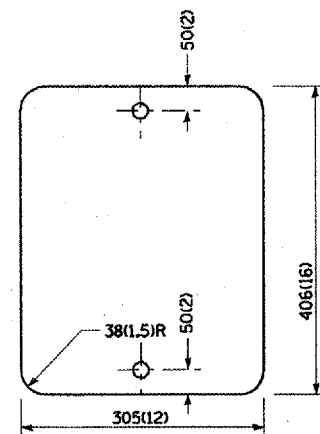
Sheeting Position for
Traffic Barrier Terminal Type (*)
* See Plans for Type

TERMINAL MARKER DETAILS

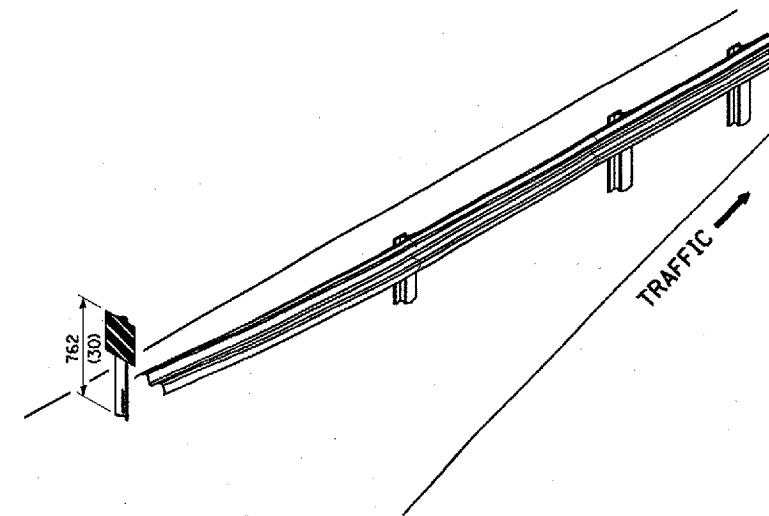
- Color: Black / Yellow reflectorized
- OM - 1100 (L or R) Direct applied reflective sheeting
- OM - 1200 (L or R) Post mounted



DETAIL OF MOUNTING TERMINAL MARKER TO POST



STANDARD TERMINAL MARKER



ALTERNATE TREATMENT - POST MOUNTED
(For turned-down terminal where sheeting cannot be direct applied)

TERMINAL MARKER TREATMENTS

GENERAL NOTES

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

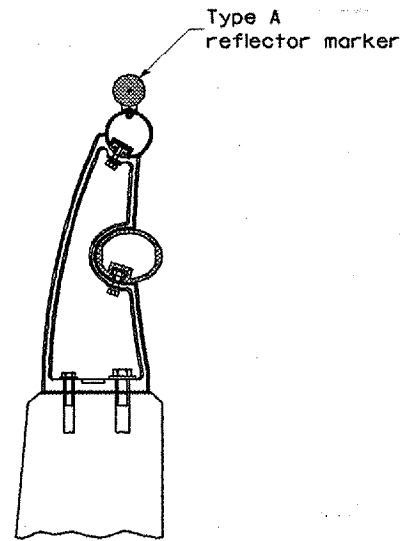
ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

GUARDRAIL AND
BARRIER WALL DELINEATION

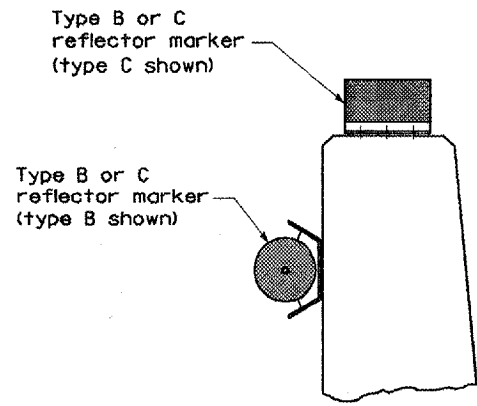
CADD STD. NO. 635101-D4 SHEET 2 OF 3
SCALE: NOT DRAWN TO SCALE DRAWN BY CADD CHECKED BY

\$\$\$DATE\$\$\$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-2RS	MCDONOUGH	66	61
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

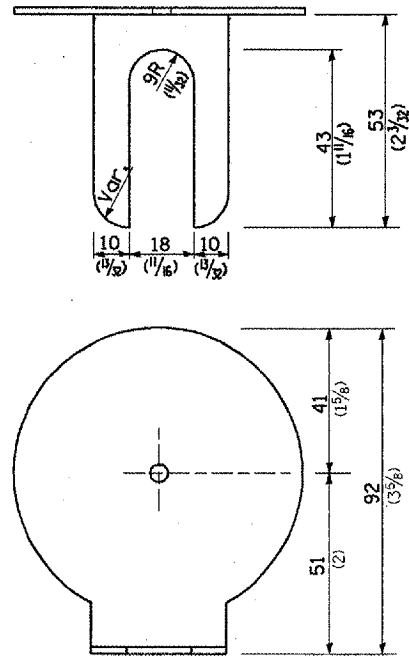


TYPICAL MOUNTING DETAIL FOR BRIDGE RAIL REFLECTOR



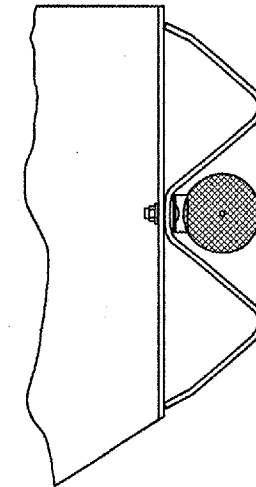
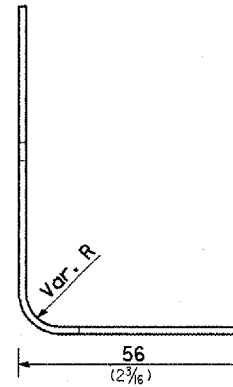
TYPICAL MOUNTING DETAIL FOR BARRIER WALL REFLECTOR

REFLECTOR MOUNTING

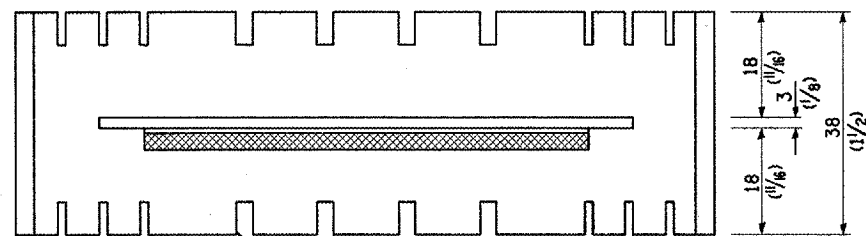


REFLECTOR MARKER TYPE A

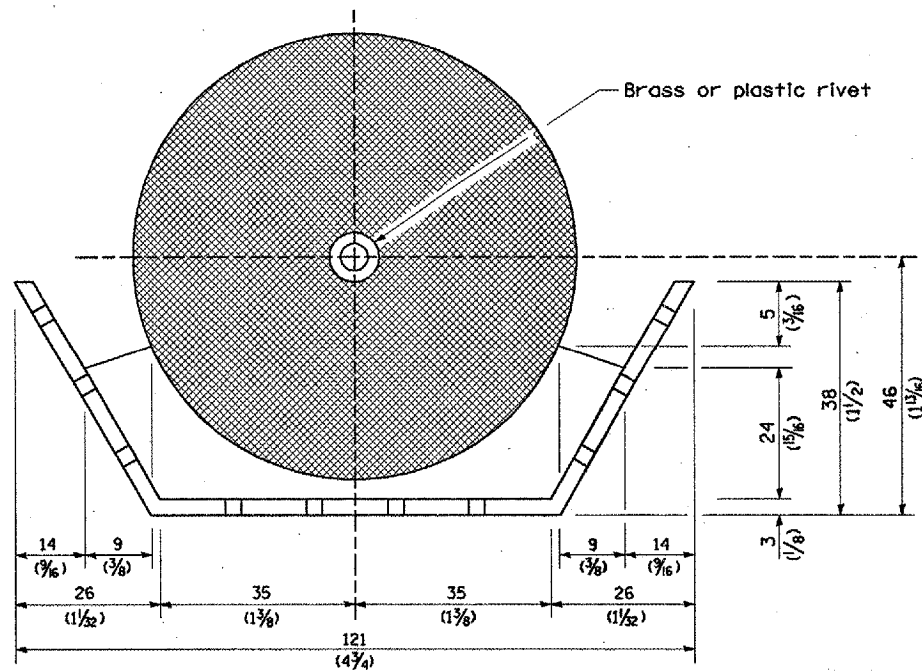
Min. reflective area 4,194 mm² (6 1/2 Sq. In.) each side. May be rectangular or slight trapezoid.



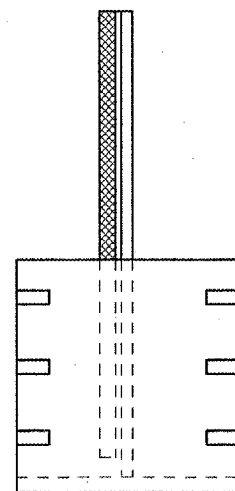
TYPICAL GUARDRAIL MOUNTING WITH REFLECTOR MARKER TYPE A



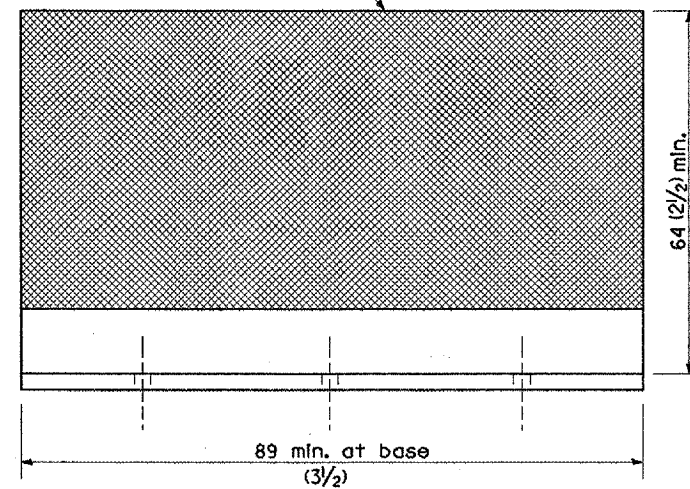
Adhesive weep slots or holes equally spaced on both sides



REFLECTOR MARKER TYPE B

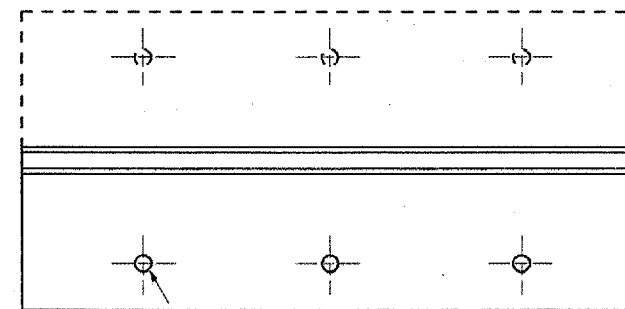


Brass or plastic rivet

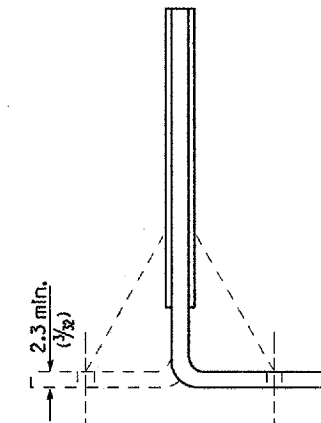


REFLECTOR MARKER TYPE C

3 min. adhesive weep holes or slots each side, variable spacing.



Minimum total area of base 4,516 mm² (7.0 Sq. In.)



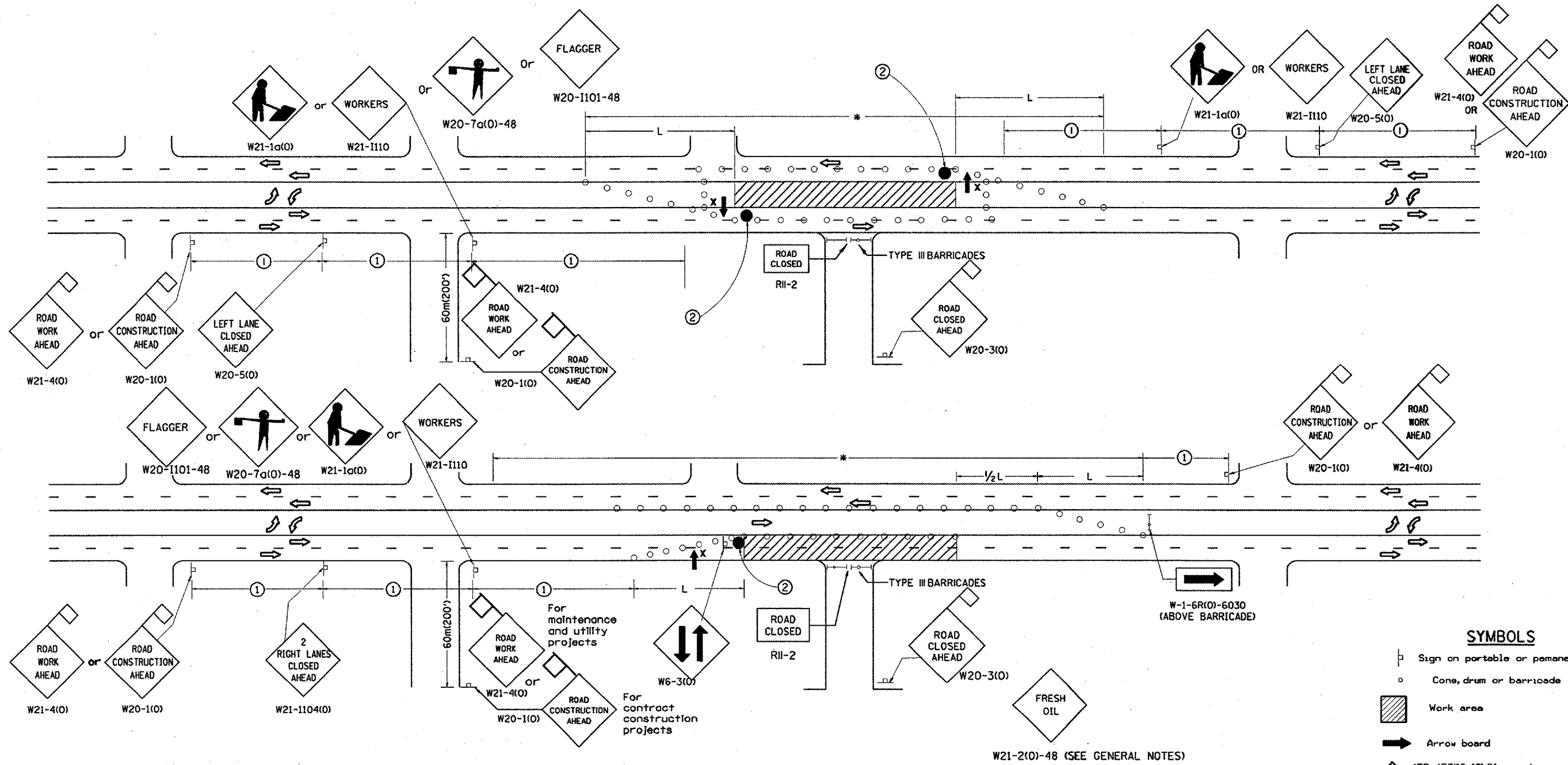
Cross section may be "T" or "L" shaped and may have side supports at ends.

REFLECTORS

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

ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
GUARDRAIL AND BARRIER WALL DELINEATION	
CADD STD. NO. 635101-D4	SHEET 3 OF 3
SCALE: NOT DRAWN TO SCALE	DRAWN BY CADD
	CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-2)RS	MCDONOUGH	66	63
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



- SYMBOLS**
- Sign on portable or permanent support
 - Cone, drum or barricade
 - ▨ Work area
 - ➔ Arrow board
 - ◇ 450x450(18x18) (Minimum) orange flag
 - ⊙ Drum or barricade with flashing light
 - X High level warning device
 - Flagger with traffic control sign
- All dimensions are in millimeters (inches) unless otherwise noted.

GENERAL NOTES

Cones at 8 m(25') centers for 75 m(250'). Additional cones may be placed at 15 m(50') centers. When drums or type I or II barricades are used, the interval between devices may be doubled.

Where, at anytime, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an Urban area.

The L distance shall be defined as:
 METRIC ENGLISH
 $L = WS^2/150$ $L = WS^2/60$
 Where: W = Width of closure in meters(feet).
 S = Normal posted speed limit in km/h(mph).

If the work operation is performed between 9:00 a.m. and 3:00 p.m. and does not exceed 15 min Traffic protection shall be as shown for Std. 701301.

Form "BT 725" is required.

SIGN SPACING	
Posted Speed	Sign Spacing
55	164m (500')
50-45	115m (350')
<45	60m (200')

- ① = Refer to SIGN SPACING TABLE for distances.
- ② = Required for speeds > 40 MPH

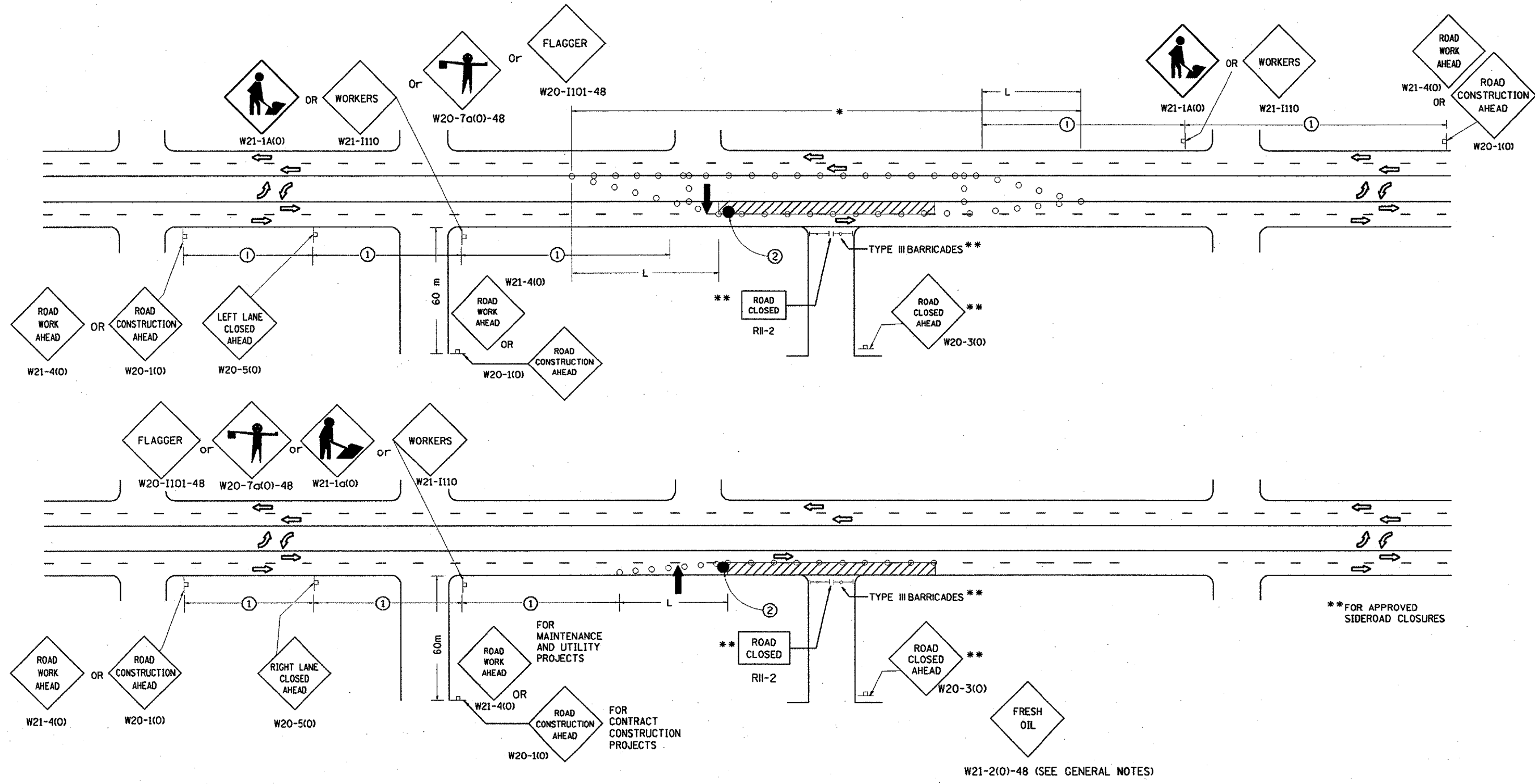
DATE	REVISIONS	BY
1-1-97	RENUM. F-6.06, NEW REVISIONS BOX, REVISED TITLE	T.P.
3-11-97	CHANGE TITLE, ADD SHEET 2	S.N.
6-1-97	REVISE SYMBOLS NOTE	S.N.
3-9-99	REVISE SYMBOLS & NOTES	S.N.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD
 STANDARD 701606 (SPECIAL)
 URBAN LANE CLOSURE
 MULTILANE, 2-WAY WITH
 BIDIRECTIONAL LEFT TURN LANE
 FOR SPEEDS < 45 MPH

CADD STD. 701606-D4 SHEET 1 OF 2
 SCALE: NOT DRAWN TO SCALE DRAWN BY CADD
 CHECKED BY

\$\$\$DATE\$\$\$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-2RS	MCDONOUGH	66	64
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SYMBOLS

- SIGN ON PORTABLE OR PERMANENT SUPPORT
- CONE, DRUM OR BARRICADE
- WORK AREA
- ARROW BOARD
- DRUM OR BARRICADE WITH FLASHING LIGHT
- FLAGGER WITH TRAFFIC CONTROL SIGN

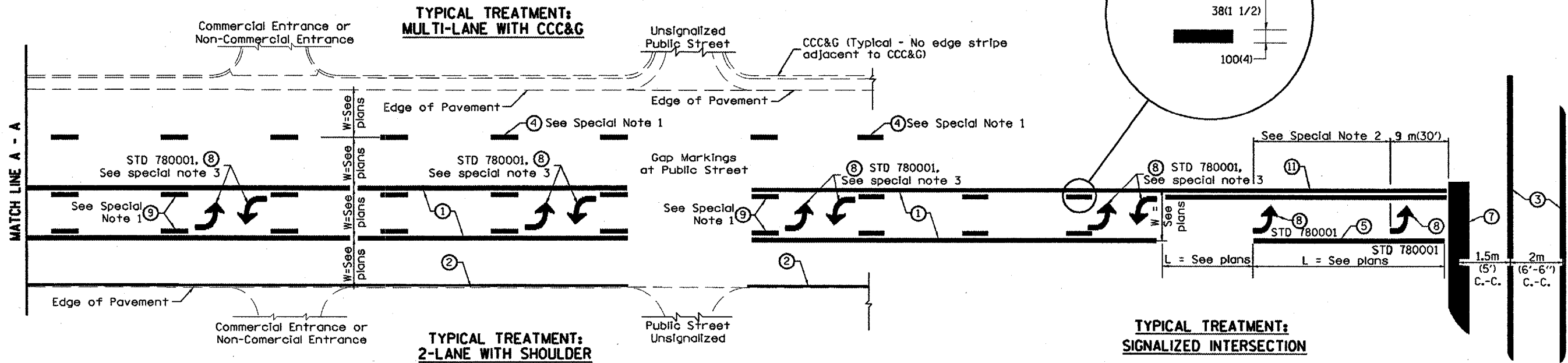
All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD
 STANDARD 701606 (SPECIAL)
 URBAN LANE CLOSURE
 MULTILANE, 2-WAY WITH
 BIDIRECTIONAL LEFT TURN LANE
 FOR SPEEDS < 45 MPH
 CADD STD. 701606-D4 SHEET 2 OF 2
 SCALE: NOT DRAWN TO SCALE DRAWN BY D T CADD
 CHECKED BY

\$\$\$DATE\$\$\$

DGN-ONLY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(3B-2)RS	MCDONOUGH	66	65
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 100(4) Solid (Yellow)
- ② 100(4) Solid (White)
- ③ 2-150(6) Crosswalk @ 2m (6'-6") min C.-C. (White)
2-200(8) Crosswalk @ 2m (6'-6") min C.-C. (White) (When traffic signals are present.)
- ④ 150(6) Skip-Dash (White) (See Special Note 1)
- ⑤ 200(8) Solid (White)
- ⑥ 300(12) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 600(24) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 100(4) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 300(12) Diagonal (Yellow) (See Table A)
- ⑪ 100(4) Double Solid (Yellow)

SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 24 m (80').
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 61 m (200').
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 10 m (33').

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.

All dimensions are in millimeters (Inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

TYPICAL PAVEMENT MARKINGS

DATE	REVISIONS	BY
1-1-97	RENUM. F-8.03. NEW REVISION BOX	T.P.
2-7-97	ADD BI DIRECTIONAL DIMENSION	J.A.
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.
8-02	ADD CROSSWALK DIMS. WITH T.S.	M.A.

CADD STANDARD 780001-D4 SHEET 1 OF 2
SCALE: NOT DRAWN TO SCALE DRAWN BY CADD
CHECKED BY

