

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

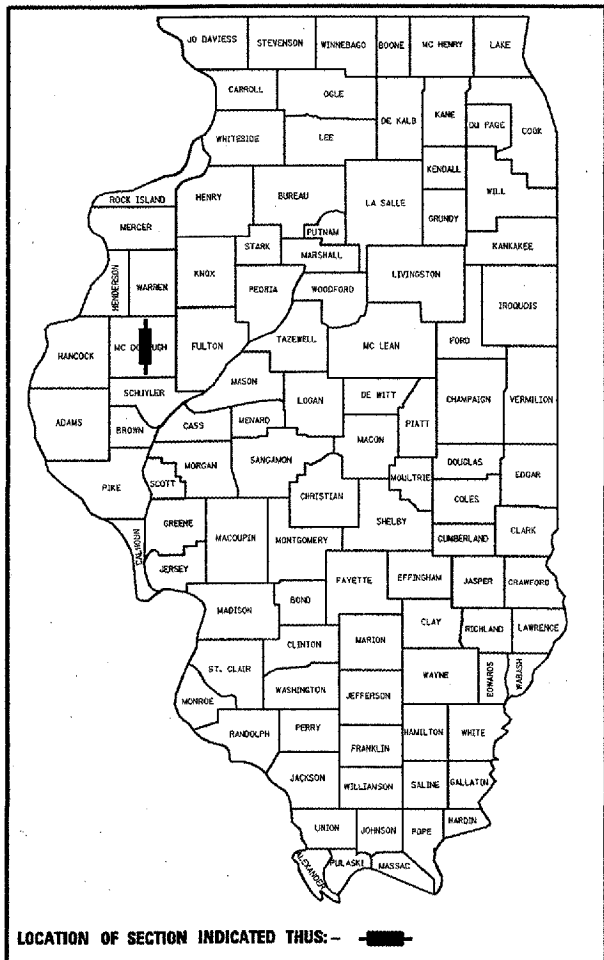
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

FAP 310 ROUTE (U.S. 67)
SECTION (38-1) RS
PROJECT: NHF-0310(090)
MCDONOUGH COUNTY
C-94-340-96

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D-94-047-96



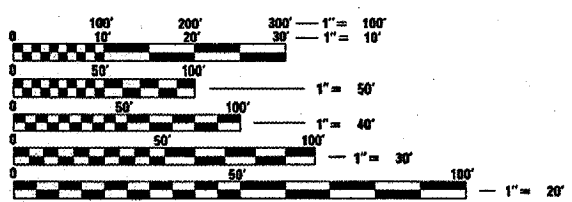
PROJECT ENGR.: Maureen Addis 309671-3454

DESIGNER: Pattie Conover 309671-3475

HIGHWAY STANDARDS

280001-02	701106-01
482011-01	701400-02
542101	701401-03
542201	701406-04
542301	701426-02
630001-05	702001-05
635001	780001-01
635006	781001-02
635011-01	886001
701101-01	886006

ADT 8700 (2003)
SU = 5.2%
MU = 6.3%
OTHER PRINCIPAL ATERIAL
DESIGN (POSTED) SPEED : 65 MPH
CLASS II TRUCK ROUTE



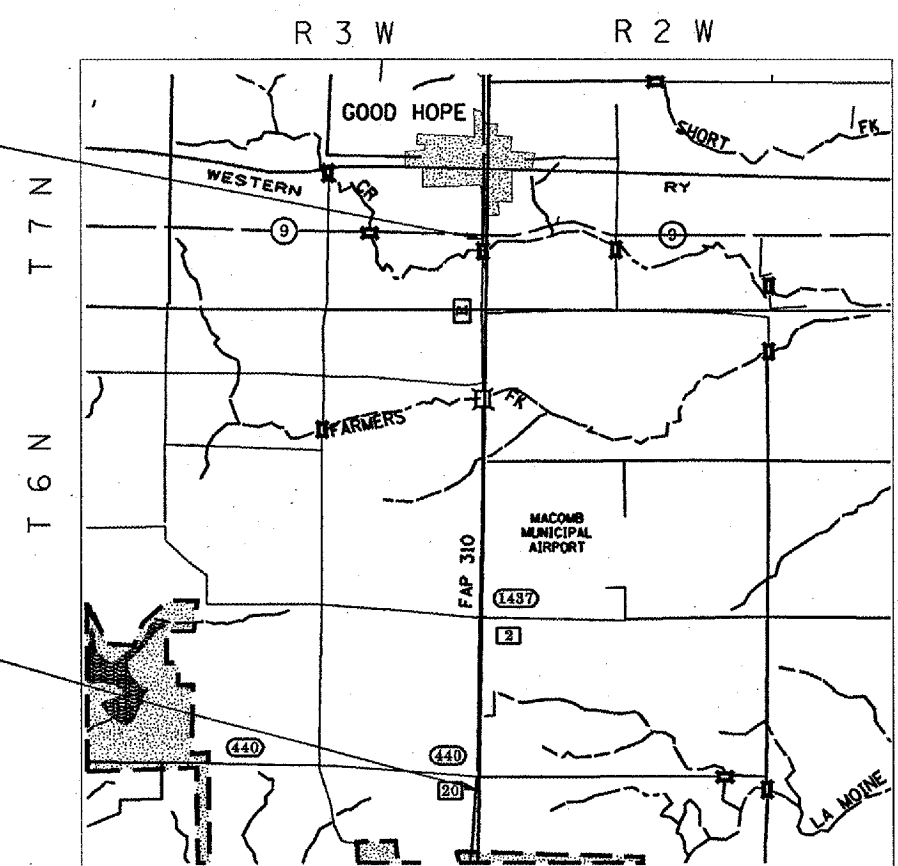
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CONTRACT NO. 88757
CATALOG NO. 031501-00D

PROJECT BEGINS
STA 106+21.98

PROJECT ENDS
STA 296+70



MAP NOT TO SCALE

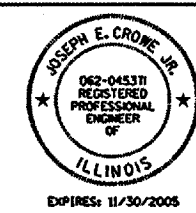
GROSS LENGTH OF PROJECT = 3.61 MILES
NET LENGTH OF PROJECT = 3.60 MILES

MILLING, RESURFACING 4.5",
DRAINAGE IMPROVEMENTS,
EROSION CONTROL,
STRIPING

BRIDGE OMISSION
S.N. 055-0027
SB STA 153+17.98 - 154+22.56
S.N. 055-0003
NB STA 152+68.15 - 153+20.11

SUPERPAVE PROJECT

QC/QA BITUMINOUS



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *May 13 2005*

John Crowe
DISTRICT ENGINEER

Mike Herr
ENGINEER OF DESIGN AND ENVIRONMENT

Victor Moderer
DIRECTOR, DIVISION OF HIGHWAYS

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OF THE STATE OF ILLINOIS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	C38-DRS	MCDONOUGH	83	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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.

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.

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.

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.

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.

PAVING SURFACE COURSE, SUPERPAVE 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.

TRAFFIC COUNTER LOOP DETECTOR INSTALLATION

The Resident Engineer and/or Contractor shall notify the Traffic Studies Technician in Program Development at least one week prior to the installation to determine exact location.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**COMMITMENTS,
GENERAL NOTES,
& PLAN NOTES**

SCALE: VERT.
DATE HORIZ.

DRAWN BY
CHECKED BY

PLAN NOTES

CONTRACT 88757

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-11RS	MCDONOUGH	83	3
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BITUMINOUS CONCRETE MIXTURE REQUIREMENTS

Mixture Use (s):	Mainline Surface Course
RAP % (Max)**:	0%
AC/PG:	SBR or SBS PG 70-28
Design Air Voids:	4.2% @ Ndes = 70
Mixture Composition: (Gradation Mixture)	IL 9.5 or IL 12.5
Friction Aggregate:	Mixture D

Mixture Use (s):	Mainline Binder Course
RAP % (Max)**:	0%
AC/PG:	SBR or SBS PG 70-28
Design Air Voids:	4.2% @ Ndes = 70
Mixture Composition: (Gradation Mixture)	IL 19.0
Friction Aggregate:	N/A

Mixture Use (s):	Side roads, Crossovers, Median, Turn Lanes Surface Course
RAP % (Max)**:	15%
AC/PG:	PG 64-22
Design Air Voids:	4.2% @ Ndes = 50
Mixture Composition: (Gradation Mixture)	IL 9.5 or IL 12.5
Friction Aggregate:	Mixture D

Mixture Use (s):	Crossovers, Median, Turn Lanes Binder Course
RAP % (Max)**:	25%
AC/PG:	PG 64-22
Design Air Voids:	4.2% @ Ndes = 50
Mixture Composition: (Gradation Mixture)	IL 19.0
Friction Aggregate:	N/A

Mixture Use (s):	Shoulder Surface Course
RAP % (Max)**:	30%
AC/PG:	PG 64-22
Design Air Voids:	3% @ Ndes = 30
Mixture Composition: (Gradation Mixture)	IL 9.5 L
Friction Aggregate:	Mixture C

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

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

DETECTOR LOOP, SPECIAL

The Contractor shall install the loop wire directly into the traffic counter cabinet. A Type II splice is not required for each loop. The cost of the loop wire shall be included in the pay item for Detector Loop, Special and no additional compensation shall be paid for this work. The replacement loops should be located as close to the original loop locations as possible, but no more than ten feet from the original locations.

COURSE AGGREGATE FOR BITUMINOUS SURFACE COURSE, SUPERPAVE

Effective March 14, 1997

The coarse aggregate for SUPERPAVE SURFACE, MIXTURE D shall be crushed stone (dolomite).

PERMANENT SURVEY TIES

Effective April 1, 1991 Revised January 1, 2005

This work shall consist of furnishing and installing 4 Permanent Survey Ties at the locations shown in accordance with the Detail for Permanent Survey Ties included in the plans. A licensed land surveyor shall record dimensions from the tie points to the brass disk prior to any milling operations. The brass disk shall be reset at the direction of the land surveyor according to the recorded dimensions after all paving and striping operations. A drawing shall be produced showing the locations of the tie points and brass disk with dimensions.

The brass disk in the intersection of Spring Lake Road and US 67 shall have four Permanent Survey ties placed in accordance with CADD Standard 667101. The Class SI concrete used in the permanent survey ties shall be in accordance with Section 503 of the Standard Specifications. The reinforcement bars used shall be in accordance with Section 508 of the Standard Specifications.

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 setting of the Permanent Survey Ties shall be paid for by the pay item 66700605.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**COMMITMENTS,
GENERAL NOTES,
& PLAN NOTES**

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
DATE

SUMMARY OF QUANTITIES

P. A. A. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-1	McDONOUGH	83	4
STA.		TO STA.		
FED. ROAD DIST. NO. 6		BLANKS	FED. AID PROJECT	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FED. 20% STATE 1000				
21400100	GRADING AND SHAPING DITCHES	FOOT	9117	9117				
25000210	SEEDING, CLASS 2A	ACRE	0.9	0.9				
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	76	76				
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	76	76				
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	76	76				
25002300	TEMPORARY SEEDING	ACRE	1.7	1.7				
25100115	MULCH, METHOD 2	ACRE	0.9	0.9				
28000500	INLET AND PIPE PROTECTION	EACH	7	7				
28001000	AGGREGATE (EROSION CONTROL)	TON	154	154				
28100809	STONE DUMPED RIPRAP, CLASS A5	TON	74	74				
28100825	STONE DUMPED RIPRAP, CLASS B3	TON	20	20				
28200100	FILTER FABRIC	SQ YD	279	279				
28300400	AGGREGATE DITCH	TON	72	72				
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	97	97				
40600300	AGGREGATE (PRIME COAT)	TON	557	557				
40600895	CONSTRUCTING TEST STRIP	EACH	3	3				
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	2927	2927				
40600990	TEMPORARY RAMP	SQ YD	1704	1704				
44000007	BITUMINOUS SURFACE REMOVAL 2"	SQ YD	6546	6546				
44000012	BITUMINOUS SURFACE REMOVAL 4 1/2"	SQ YD	178730	178730				

SUMMARY OF QUANTITIES

P.A.A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	1109,110RS-1	MCDONOUGH	83	5
STA.	TO STA.			
FED. ROAD DIST. NO. 5	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		80% FED. 20% STATE 1000					
44004000	PAVED DITCH REMOVAL	FOOT	188	188					
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1788	1788					
50105220	PIPE CULVERT REMOVAL	FOOT	20	20					
50800105	REINFORCEMENT BARS	POUND	102	102					
54200643	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 18"	FOOT	20	20					
54200649	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 24"	FOOT	20	20					
54213453	END SECTIONS 18"	EACH	2	2					
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	6	6					
54248510	CONCRETE COLLAR	CU YD	1.8	1.8					
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	538	538					
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	4	4					
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	6	6					
63200710	STEEL PLATE BEAM GUARD RAIL REMOVAL, TYPE A	FOOT	50	50					
63304385	TRAFFIC BARRIER TERMINAL REMOVAL, TYPE 1	EACH	6	6					
63304395	TRAFFIC BARRIER TERMINAL REMOVAL, TYPE 2	EACH	4	4					
63500105	DELINEATORS	EACH	29	29					
63500120	DELINEATOR REMOVAL	EACH	32	32					

* SPECIALTY ITEMS

SUMMARY OF QUANTITIES

P.A.D. AVE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-1	MCDONOUGH	83	6
STA.		TO STA.		
FED. ROAD DIST. NO. 8		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		80% FED. 20% STATE 1000					
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	1	1					
66700605	PERMANENT SURVEY TIES	EACH	4	4					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5					
67100100	MOBILIZATION	L SUM	1	1					
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	4	4					
70100305	TRAFFIC CONTROL AND PROTECTION, STANDARD 701400	L SUM	1	1					
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1					
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	20	20					
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	20907	20907					
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	500	500					
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	78618	78618					
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	9372	9372					
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	6647	6647					
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1760	1760					
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2321	2321					
78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	9372	9372					

SUMMARY OF QUANTITIES

F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-1	MCDONOUGH	83	7
STA.	TO STA.			
FED. ROAD DIST. NO. 6	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FED. 20% STATE 1000				
* 78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	500	500				
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	78618	78618				
* 78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	6647	6647				
* 78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	1760	1760				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	601	601				
	78200405 GUARDRAIL MARKERS	EACH	17	17				
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	6	6				
	78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	671	671				
* 88600400	DETECTOR LOOP, SPECIAL	FOOT	132	132				
	Z0000940 AGGREGATE FOR DRIVEWAY MAINTENANCE	TON	21	21				
	X0322729 MATERIAL TRANSFER DEVICE	TON	25654	25654				
	X0348700 AGGREGATE DITCH CHECK	EACH	82	82				
	X0976500 END SECTIONS TO BE REMOVED	EACH	6	6				
□	X2503100 MOWING	UNIT	193	193				
	X4066424 BITUMINOUS CONCRETE SURFACE COURSE, SUPER PAVE, MIX"D", N50	TON	2475	2475				
	X4066490 BITUMINOUS CONCRETE SURFACE COURSE, SUPER PAVE, IL9.5L(Low ESAL)	TON	7201	7201				
	X4066524 POLYMERIZED BIT CONC SURFACE COURSE, SUPER PAVE, MIX"D", N50	TON	11403	11403				
	X4066614 BITUMINOUS CONCRETE BINDER COURSE, SUPER PAVE, IL-19.0 N50	TONS	2247	2247				

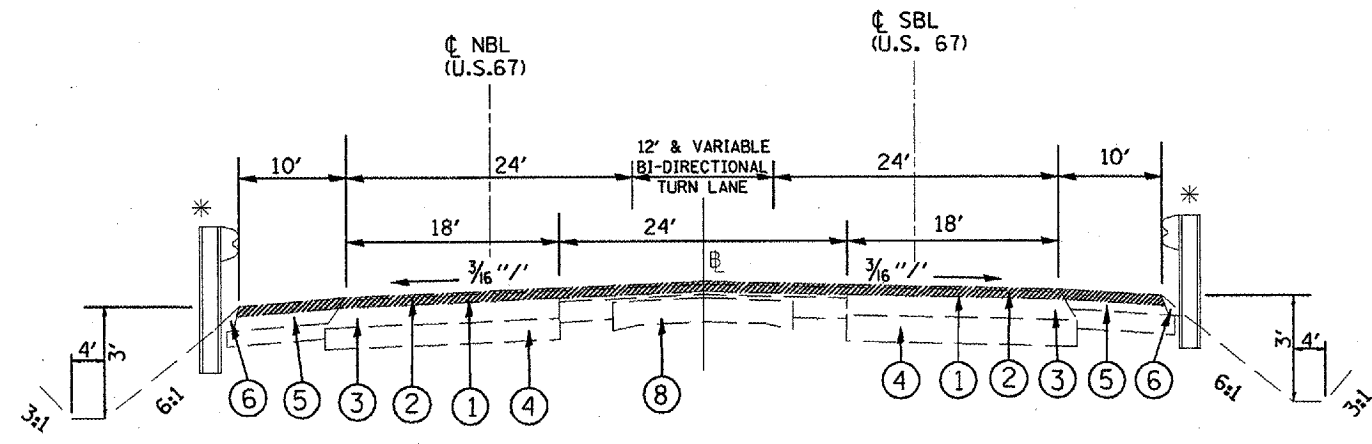
□ NON-PARTICIPATING * SPECIALTY ITEMS

SUMMARY OF QUANTITIES

P.A.A. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
612	(109,110)RS-1	McDONOUGH	83	8
STA.		TO STA.		
FED. ROAD DIST. NO. 6		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FED. 20% STATE 1000				
X4066630	BITUMINOUS CONCRETE BINDER COURSE, SUPER PAVE, IL-19.0L(Low SEAL)	TON	8797	8797				
X4066654	POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50	TON	14254	14254				

CONTRACT 88757			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
310	138-11RS	MCDONOUGH	83
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

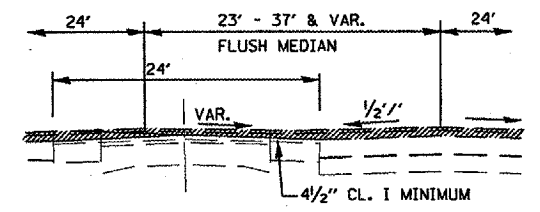


- ① 3" CL. I BINDER CSE. (2 - 1/2" LIFTS)
- ② 1/2" BIT. CONC. SURF. CSE, MIX E, CL. I
- ③ BIT. BASE CSE 10"
- ④ LIME MODIFIED SUBBASE 8"
- ⑤ BITUMINOUS SHOULDER 8"
- ⑥ AGG. SHOULDER, TYPE B
- ⑦ PIPE UNDERDRAIN 4"
- ⑧ 9-6-9 PCC PAVEMENT

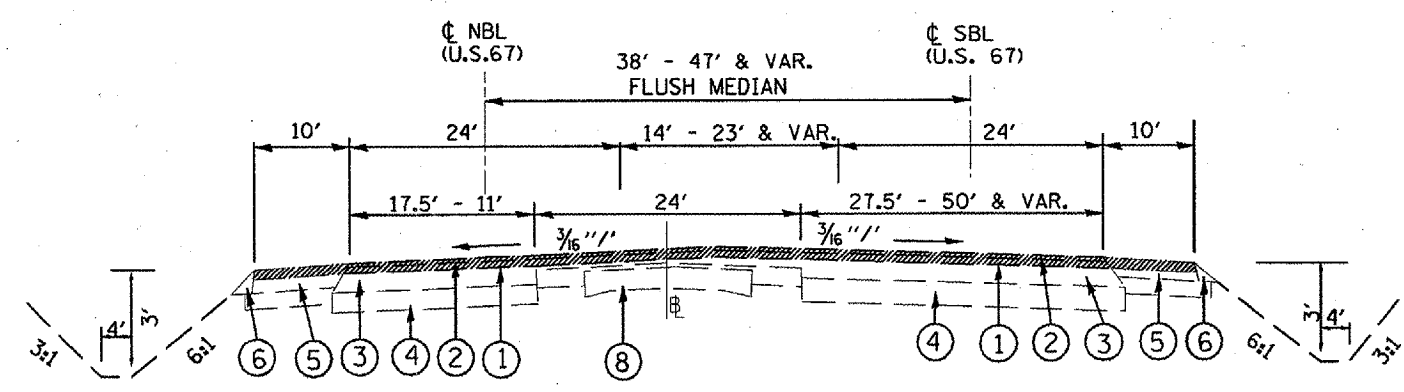
▨ COLD MILL 4 1/2"

STA. 106+24.32 (SB) TO STA. 109+90
 STA. 106+19.68 (NB) TO STA. 109+90

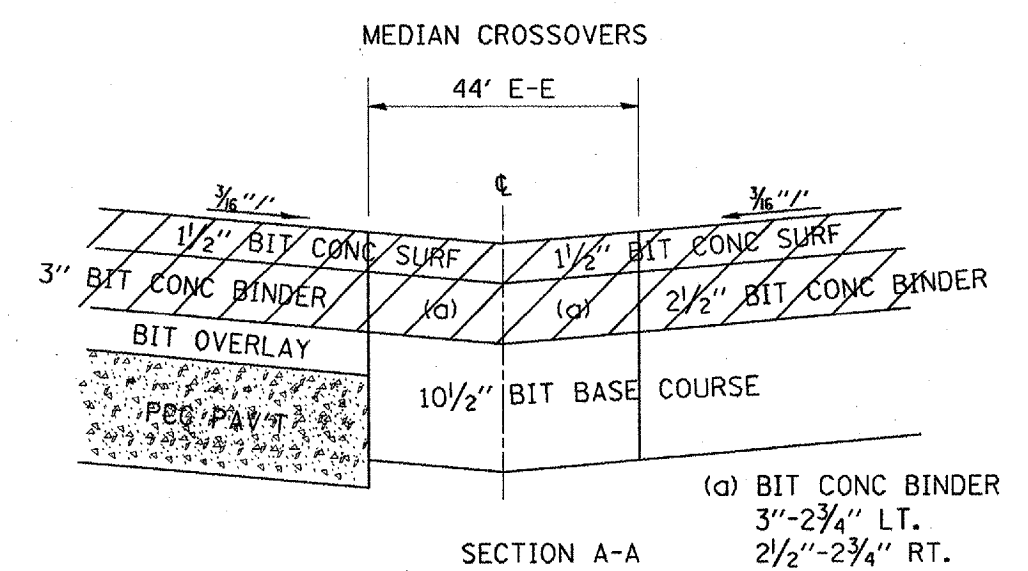
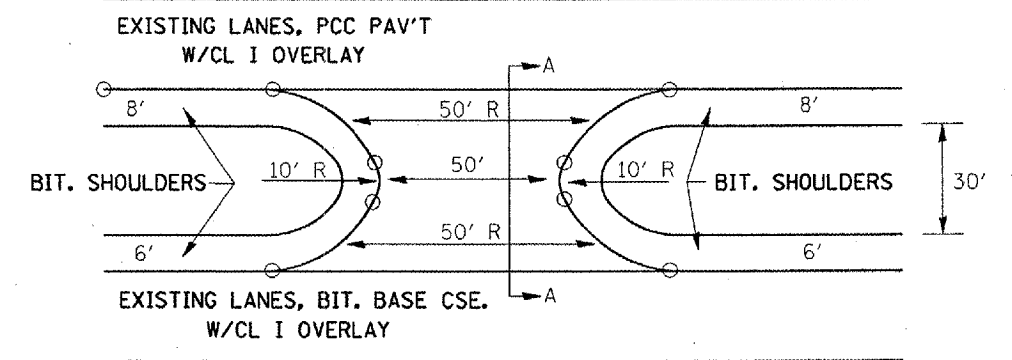
* SEE EXIST. PLAN SHEETS FOR GUARDRAIL LIMITS



STA. 113+00 TO 117+48



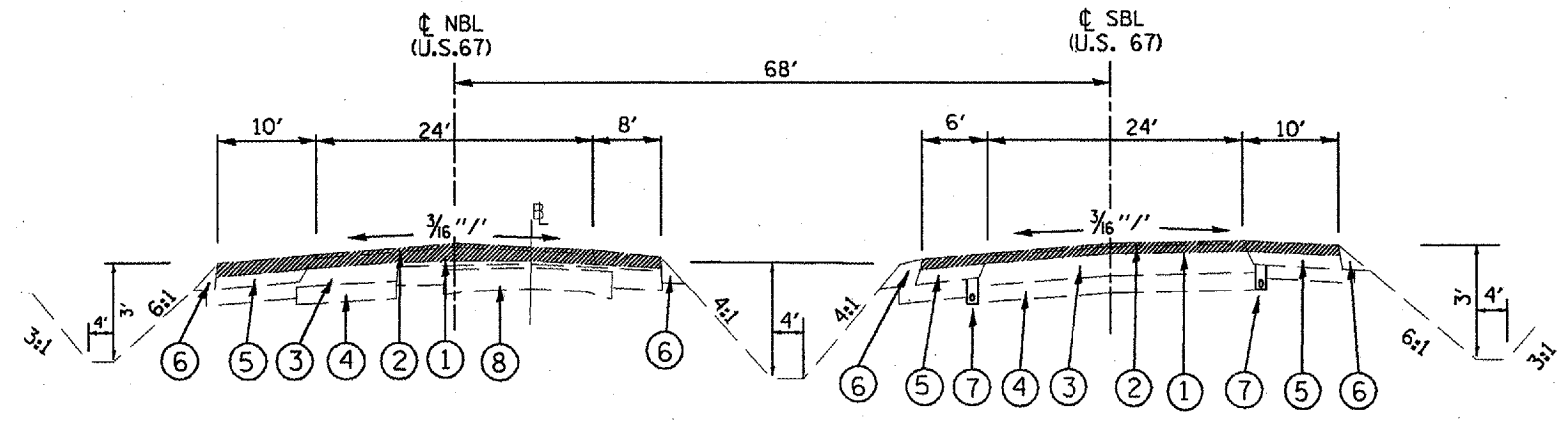
STA. 109+90 TO STA. 113+00



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 EXISTING
 TYPICAL SECTIONS
 U.S. ROUTE 67
 SCALE: VERT. NOT TO SCALE HORIZ. DRAWN BY CADD
 DATE 04/27/00 CHECKED BY

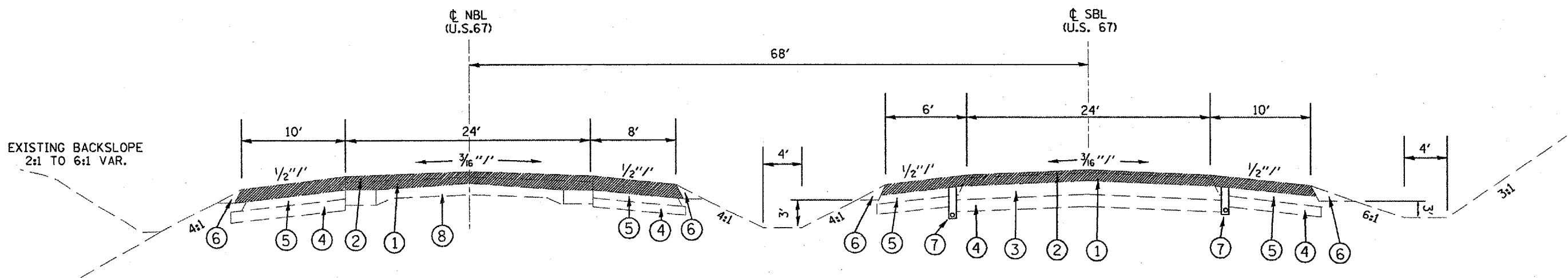
CONTRACT 88757				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-11RS	MCDONOUGH	83	10
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



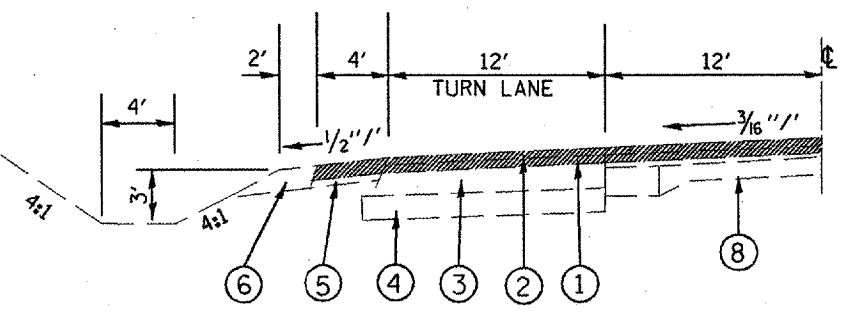
STA. 117+48 TO STA. 123+00

- ① 3" CL. I BINDER CSE. (2 - 1/2" LIFTS)
- ② 1/2" BIT. CONC. SURF. CSE, MIX E, CL. I
- ③ BIT. BASE CSE 10"
- ④ LIME MODIFIED SUBBASE 8"
- ⑤ BITUMINOUS SHOULDER 8"
- ⑥ AGG. SHOULDER, TYPE B
- ⑦ PIPE UNDERDRAIN 4"
- ⑧ 9-6-9 PCC PAVEMENT

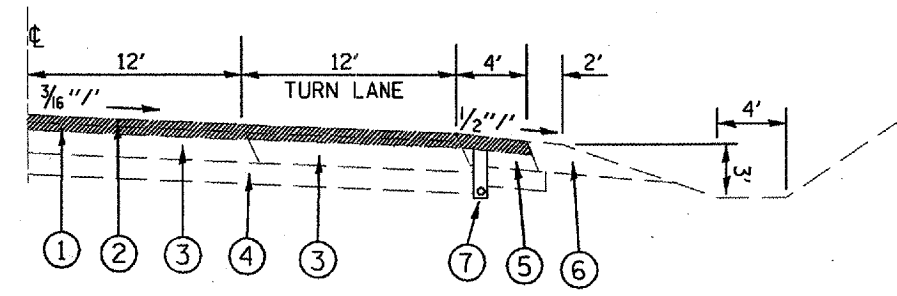
COLD MILL 4 1/2"



STA. 123+00 TO STA. 267+00



LEFT TURN LANES
SEE PLANS FOR STATIONS

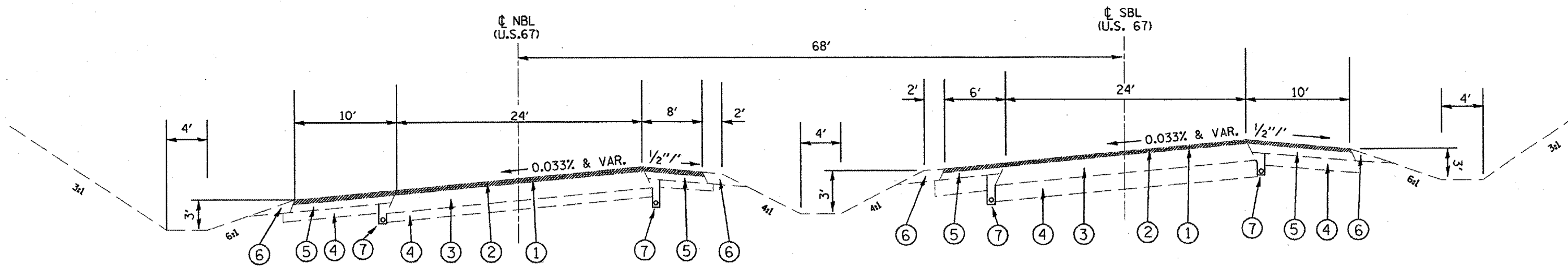


RIGHT TURN LANES
SEE PLANS FOR STATIONS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING TYPICAL SECTIONS U.S. ROUTE 67
 SCALE: VERT. NOT TO SCALE HORIZ. DRAWN BY CADD
 DATE #DATE# CHECKED BY

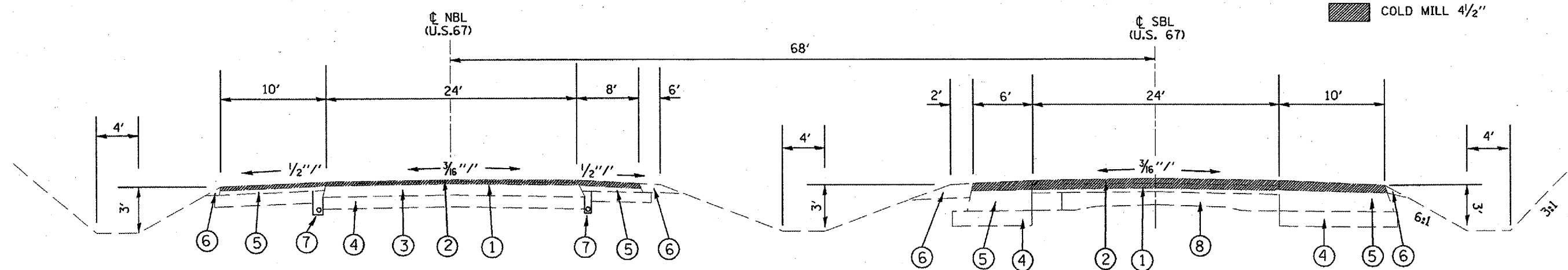
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	C38-11RS	McDONOUGH	83	11
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



STA. 267+00 TO STA. 282+00

- ① 3" CL. I BINDER CSE. (2 - 1/2" LIFTS)
- ② 1 1/2" BIT. CONC. SURF. CSE, MIX E, CL. I
- ③ BIT. BASE CSE 10"
- ④ LIME MODIFIED SUBBASE 8"
- ⑤ BITUMINOUS SHOULDER 8"
- ⑥ AGG. SHOULDER, TYPE B
- ⑦ PIPE UNDERDRAIN 4"
- ⑧ 9-6-9 PCC PAVEMENT

COLD MILL 4 1/2"



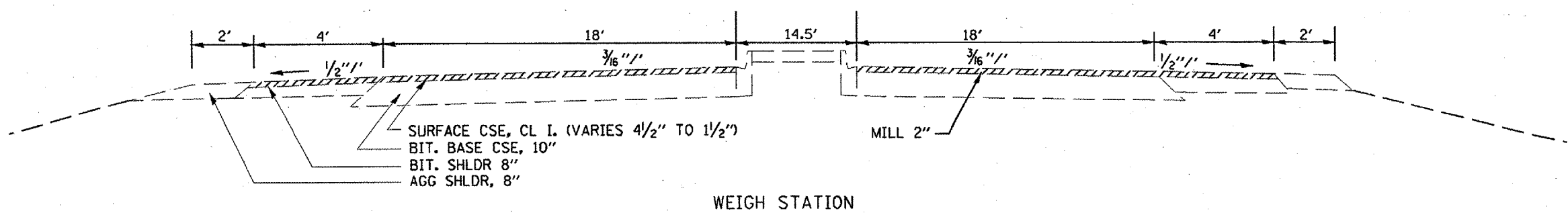
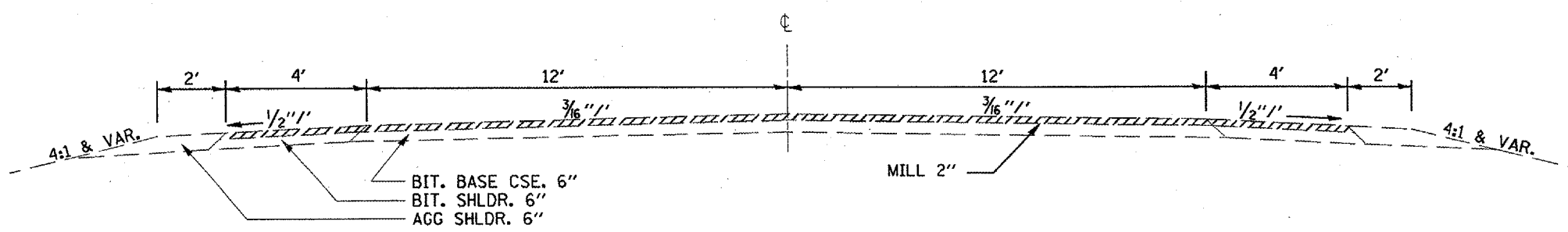
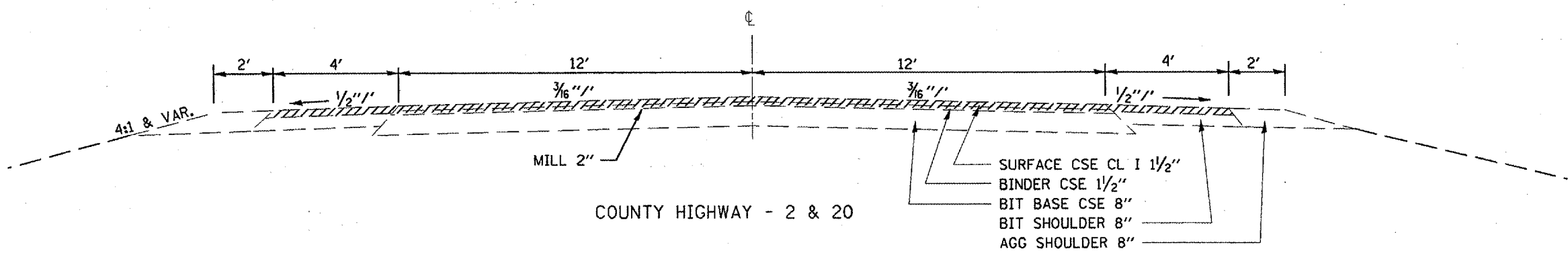
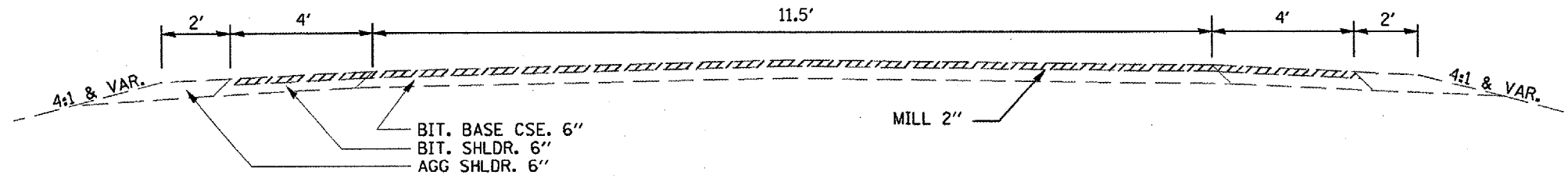
STA. 282+00 TO STA. 296+70

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**EXISTING
 TYPICAL SECTIONS
 U.S. ROUTE 67**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-1RS	McDONOUGH	83	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

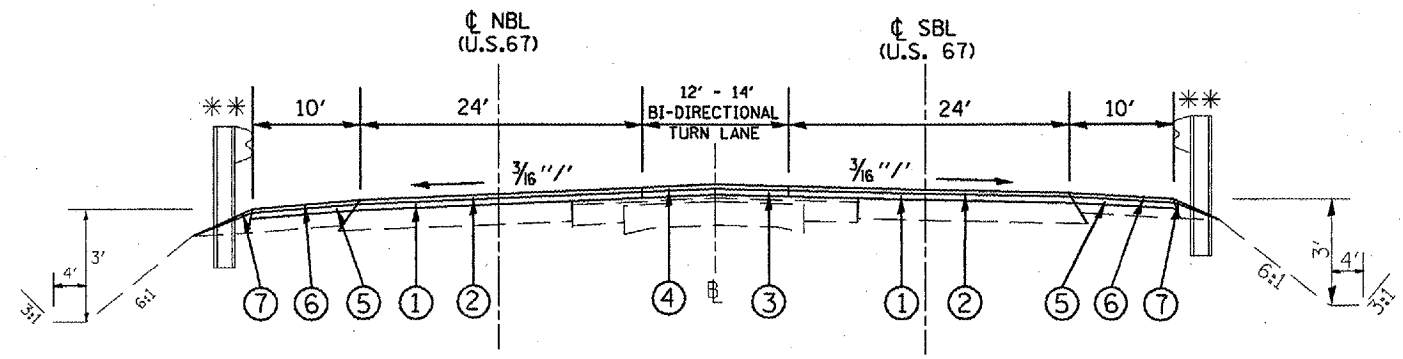
ILLINOIS DEPARTMENT OF TRANSPORTATION

**EXISTING
TYPICAL SECTIONS
SIDE ROADS**

SCALE: VERT. NOT TO SCALE
HORIZ. DATE #DATE#

DRAWN BY CADD
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	638-1RS	MCDONOUGH	83	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

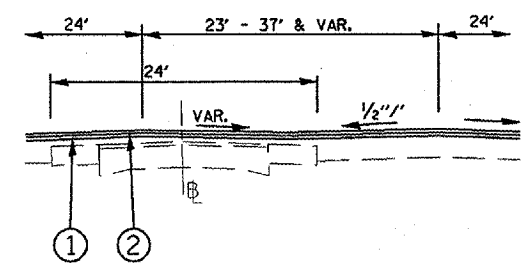


STA. 106+24.32 (NB) TO STA. 109+90
 STA. 106+19.68 (SB) TO STA. 109+90

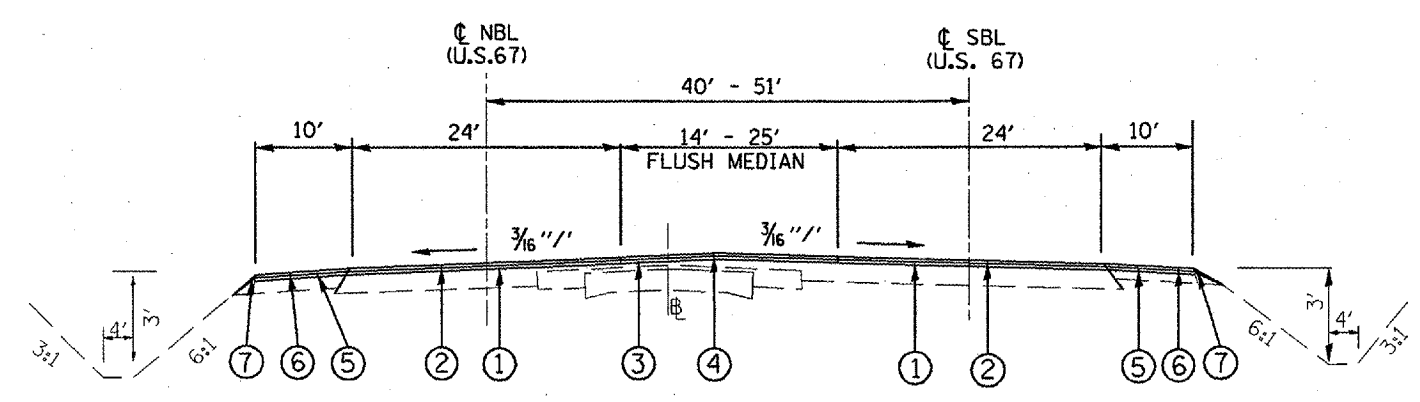
** SEE PROP. PLAN SHEETS FOR GUARDRAIL LIMITS

LEGEND

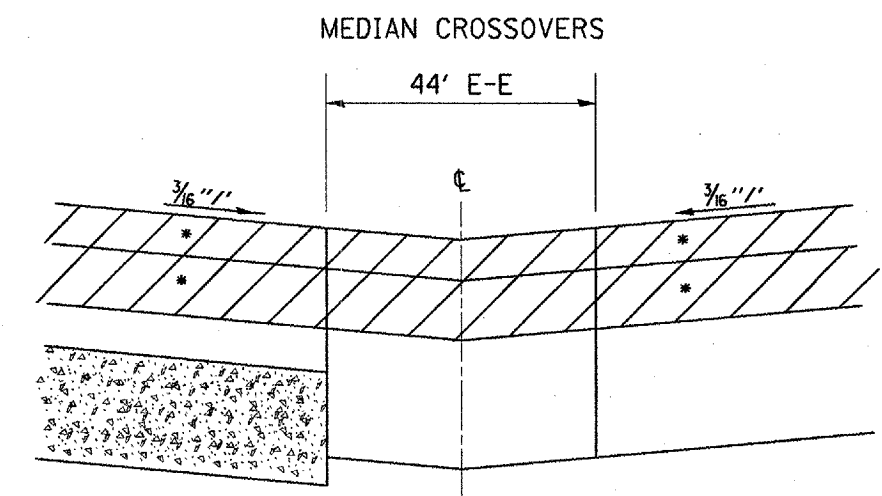
- ① POLYMERIZED BIT CONC BINDER CSE, SUPERPAVE, IL-19.0, N50, 2.5"
- ② POLYMERIZED BIT CONC SURFACE CSE, SUPERPAVE, MIX D, N50, 2"
- ③ BIT CONC BINDER CSE, SUPERPAVE, IL-19.0, N50, 2.5"
- ④ BIT CONC SURFACE CSE, SUPERPAVE, MIX D, N50, 2"
- ⑤ BIT CONC BINDER CSE, SUPERPAVE, IL-19.0 L (LE), 2.5"
- ⑥ BIT CONC SURFACE CSE, SUPERPAVE, IL-9.5 L (LE), 2"
- ⑦ AGGREGATE SHOULDERS, TYPE B



STA. 113+00 TO 117+58



STA. 109+90 TO STA. 113+00



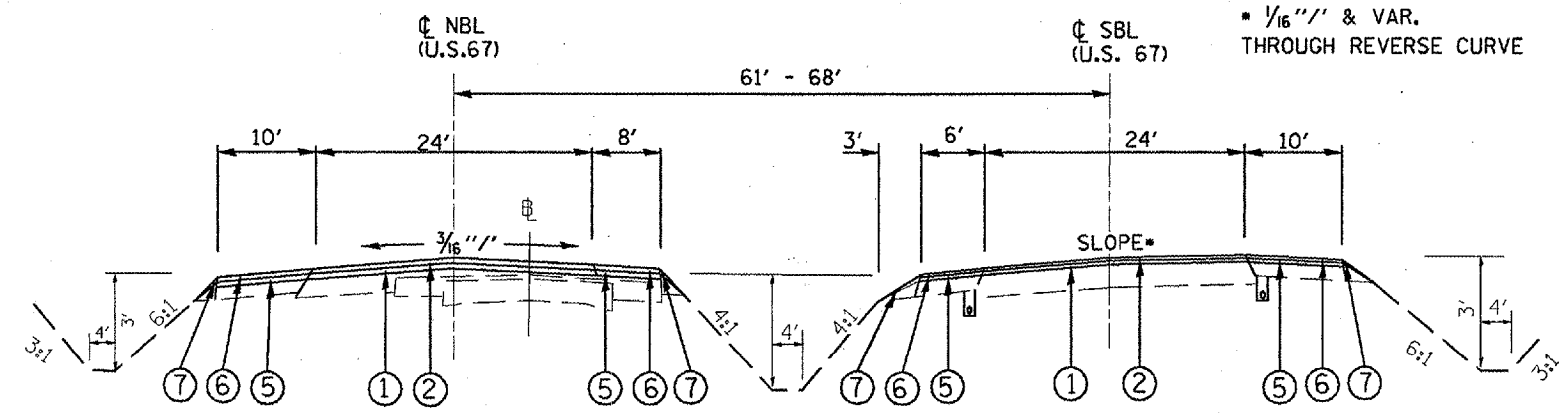
SECTION A-A

* SEE PLAN SHEETS FOR MEDIAN CROSSOVER TREATMENT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**PROPOSED
 TYPICAL SECTIONS
 U.S. ROUTE 67**
 SCALE: VERT. NOT TO SCALE HORIZ. DRAWN BY CADD
 DATE 04/27/00 CHECKED BY

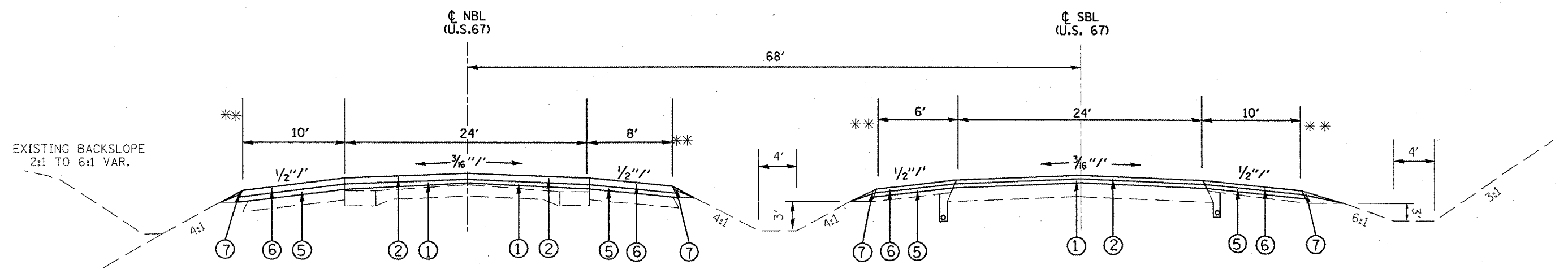
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1)RS	McDONOUGH	83	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



STA. 117+58 TO STA. 123+00

LEGEND

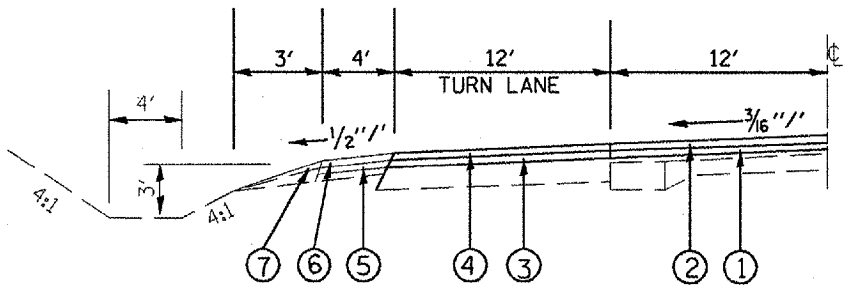
- ① POLYMERIZED BIT CONC BINDER CSE, SUPERPAVE, IL-19.0, N50, 2.5"
- ② POLYMERIZED BIT CONC SURFACE CSE, SUPERPAVE, MIX D, N50, 2"
- ③ BIT CONC BINDER CSE, SUPERPAVE, IL-19.0, N50, 2.5"
- ④ BIT CONC SURFACE CSE, SUPERPAVE, MIX D, N50, 2"
- ⑤ BIT CONC BINDER CSE, SUPERPAVE, IL-19.0 L (LE), 2.5"
- ⑥ BIT CONC SURFACE CSE, SUPERPAVE, IL-9.5 L (LE), 2"
- ⑦ AGGREGATE SHOULDERS, TYPE B



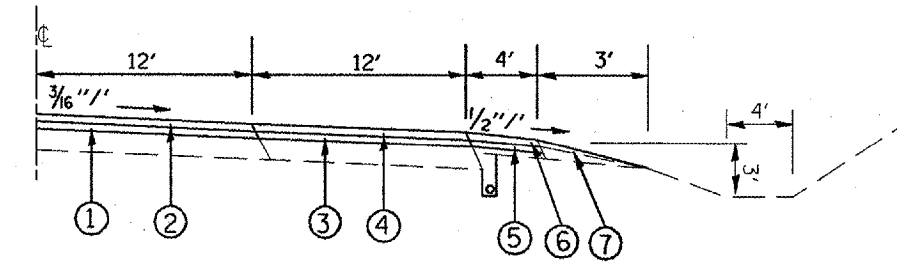
STA. 123+00 TO STA. 267+00

** SEE PROP. PLAN SHEETS FOR GUARDRAIL LIMITS

BRIDGE OMISSION
 STA. 153+17.98 - 154+22.56 (SBL)
 STA. 152+68.15 - 153+20.11 (NBL)



LEFT TURN LANES
SEE PLANS FOR STATIONS

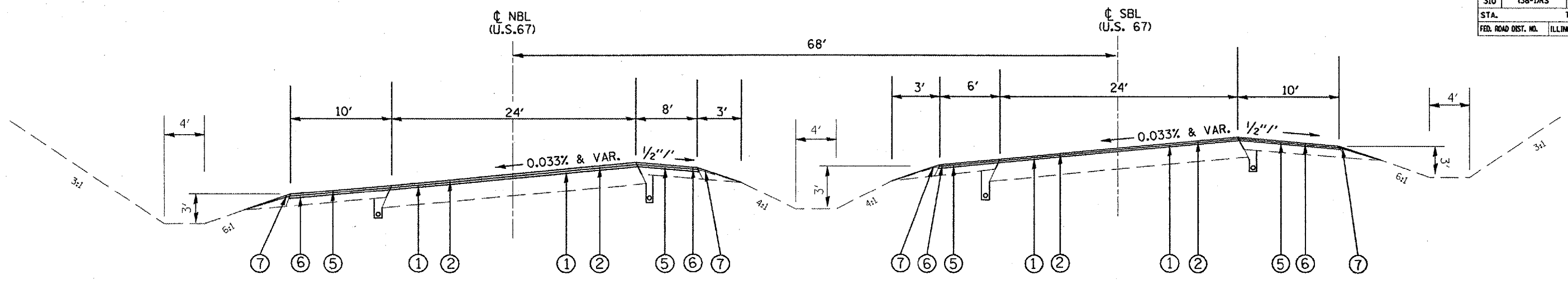


RIGHT TURN LANES
SEE PLANS FOR STATIONS

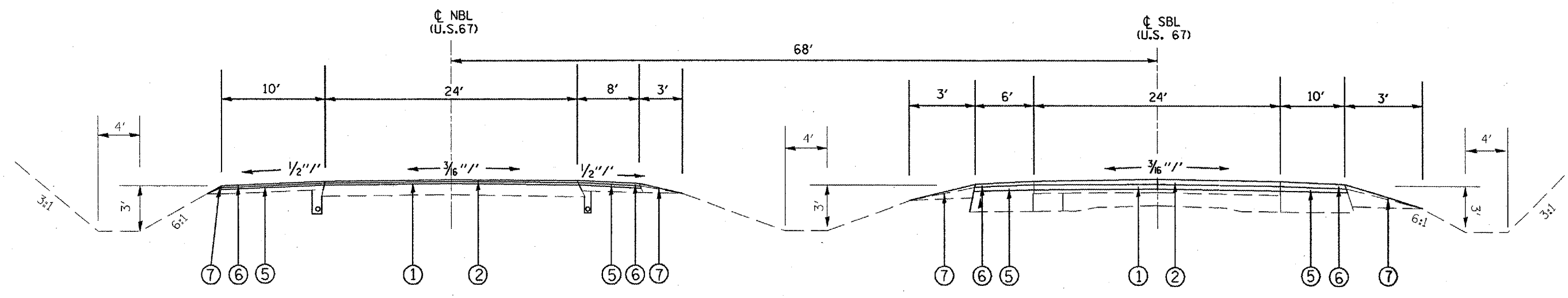
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**PROPOSED
 TYPICAL SECTIONS
 U.S. ROUTE 67**
 SCALE: VERT. NOT TO SCALE
 HORIZ. DRAWN BY CADD
 DATE 06/27/00 CHECKED BY

CONTRACT 88757				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-1RS	McDONOUGH	83	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



STA. 267+00 TO STA. 282+00



STA. 282+00 TO STA. 296+70

LEGEND

- ① POLYMERIZED BIT CONC BINDER CSE, SUPERPAVE, IL-19.0, N50, 2.5"
- ② POLYMERIZED BIT CONC SURFACE CSE, SUPERPAVE, MIX D, N50, 2"
- ③ BIT CONC BINDER CSE, SUPERPAVE, IL-19.0, N50, 2.5"
- ④ BIT CONC SURFACE CSE, SUPERPAVE, MIX D, N50, 2"
- ⑤ BIT CONC BINDER CSE, SUPERPAVE, IL-19.0 L (LE), 2.5"
- ⑥ BIT CONC SURFACE CSE, SUPERPAVE, IL-9.5 L (LE), 2"
- ⑦ AGGREGATE SHOULDERS, TYPE B

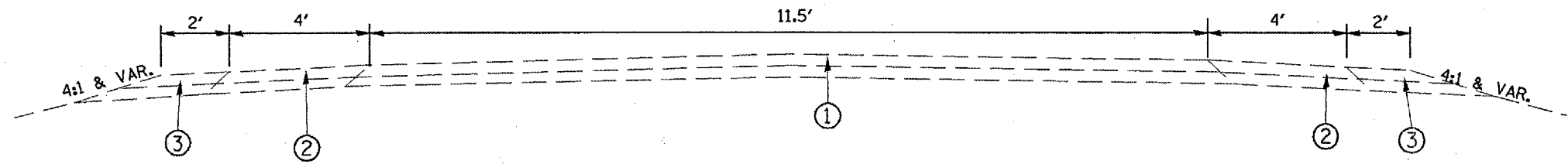
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

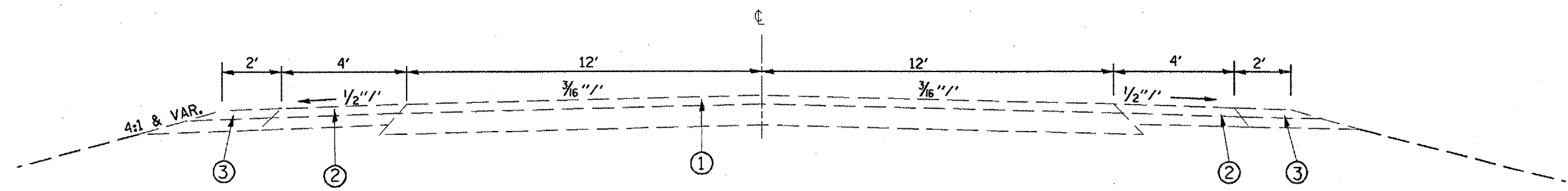
**PROPOSED
TYPICAL SECTIONS
U.S. ROUTE 67**

SCALE: VERT. NOT TO SCALE HORIZ. DRAWN BY CADD
DATE 8/24/88 CHECKED BY

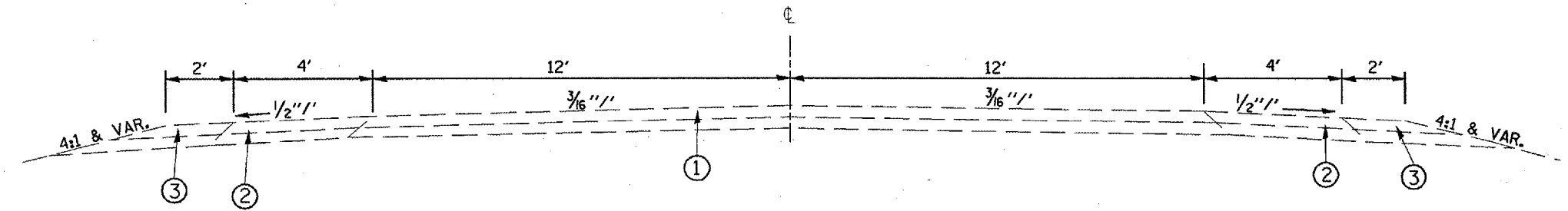
CONTRACT 88757				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	C38-11RS	MCDONOUGH	83	16
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



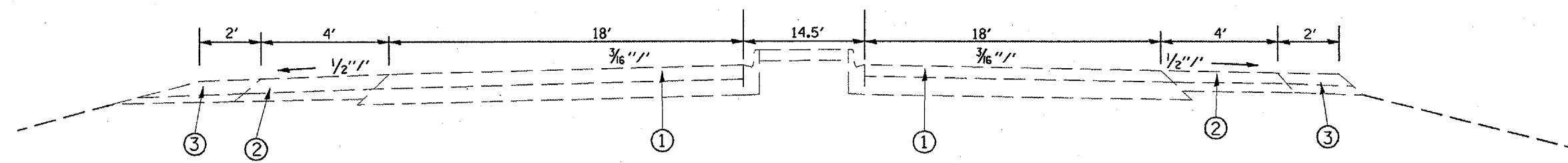
ACCESS ROAD



COUNTY HIGHWAY - 2 & 20



TOWNSHIP ROADS



WEIGH STATION

- ① BIT CONC SURFACE CSE, SUPERPAVE, MIX D, N50, 2"
- ② BIT CONC SURFACE CSE, SUPERPAVE, IL 9.5L (LOW ESAL)
- ③ AGGREGATE SHOULDERS, TYPE B

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**PROPOSED
 TYPICAL SECTIONS
 SIDE ROADS**
 SCALE: VERT. NOT TO SCALE HORIZ. NOT TO SCALE
 DATE: 4/24/78 DRAWN BY: CADD
 CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	38-1RS	MCDONOUGH	83	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	MULCH METHOD 2	TEMPORARY SEEDING*	GRADING & SHAPING DITCHES	AGGREGATE DITCH CHECK
LOCATION	ACRE	POUND	POUND	POUND	ACRE	ACRE	FT	EA
NB								
STA 115+50 - 117+50	0.02	1.65	1.65	1.65	0.02	0.04	200	2
STA 125+00 - 126+00	0.01	0.83	0.83	0.83	0.01	0.02	100	
STA 143+00 - 147+00	0.04	3.31	3.31	3.31	0.04	0.07	400	3
STA 153+00 - 156+00	0.03	2.48	2.48	2.48	0.03	0.06	300	2
STA 175+75 - 179+00	0.03	2.69	2.69	2.69	0.03	0.06	325	4
STA 181+10 - 188+00	0.06	5.70	5.70	5.70	0.06	0.13	690	6
STA 216+00 - 224+00	0.07	6.61	6.61	6.61	0.07	0.15	800	7
STA 237+00 - 239+50	0.02	2.07	2.07	2.07	0.02	0.05	250	22
SB								
STA 127+30 - 138+00	0.10	8.84	8.84	8.84	0.10	0.20	1070	10
STA 138+00 - 150+00	0.11	9.92	9.92	9.92	0.11	0.22	1200	11
STA 173+00 - 180+00	0.06	5.79	5.79	5.79	0.06	0.13	700	6
STA 181+00 - 211+82	0.28	25.47	25.47	25.47	0.28	0.57	3082	29
TOTAL	0.84	75.60	75.60	75.60	0.84	1.67	9117	102

*2 Applications

INLET & PIPE PROTECTION	
LOCATION	EACH
46' LT STA 126+00	1
54' RT STA 150+00	1
137' RT STA 180+19	1
44' LT STA 181+00	1
63' RT STA 181+07	1
50' LT STA 223+90	1
50' LT STA 239+44	1
TOTAL	7

MOWING	
LOCATION	UNIT
PROJECT LIMITS	192.3
TOTAL	192.3

FILTER FABRIC FOR USE WITH RIPRAP	
NEW GUARDRAIL LOCATIONS	SQ YD
SB RT STA 101+56.07 - 102+06.07	12.1
SB RT STA 106+79.32 - 107+16.82	9
SB RT STA 152+25.45 - 152+75.45	12.1
SB RT STA 155+08.45 - 156+20.95	27.1
SB LT STA 151+72.95 - 152+22.95	12.1
SB LT STA 154+05.95 - 155+18.45	27.1
NB RT STA 156+90.20 - 158+65.20	42.2
NB LT STA 103+82.02 - 104+19.52	9
NB LT STA 109+55.27 - 110+17.77	15.1
NB LT STA 151+84.20 - 152+21.70	9
NB LT STA 155+63.20 - 157+63.20	48.2
RIPRAP LOCATIONS	
RT STA 105+00	55.2
TOTAL	278.2

STONE DUMPED RIPRAP, CLASS A5	
LOCATION	TON
RT STA 153+83.5 - 154+70.5	73.6
TOTAL	73.6

STONE DUMPED RIPRAP, CLASS B3	
LOCATION	TON
RT STA 179+49 - 179+82	19.4
TOTAL	19.4

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

DRAWN BY _____

CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1)RS	MCDONOUGH	83	18
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GUARDRAIL					
LOCATION	TBT, TYPE 1 SP (TANGENT)	SPBGR, TYPE A	TBT, TYPE 2	GUARDRAIL MARKERS, TYPE A	TERMINAL MARKER - DIRECT APPLIED
	EACH	FOOT	EACH	EACH	EACH
40' RT STA 101+56.07 - 102+06.07	1			1	1
40' LT STA 103+82.02 - 104+19.52		25	1	1	
40' RT STA 106+79.32 - 107+16.82		25	1	1	
40' LT STA 109+55.27 - 110+17.77	1	13		1	1
50' RT STA 151+72.95 - 152+22.95	1			1	1
90' RT STA 152+25.45 - 152+75.45	1			1	1
50' RT STA 154+05.95 - 155+18.45		100	1	2	
90' RT STA 155+08.45 - 156+20.95		100	1	2	
22' LT STA 155+63.20 - 157+63.20	1	150		4	1
30' RT STA 156+90.20 - 158+65.20	1	125		3	1
TOTAL	6	537.5	4	17	6

TRAFFIC CONTROL & PROTECTION STANDARD 701401	
LOCATION	EACH
PROJECT LIMITS	1
TOTAL	1

TRAFFIC CONTROL & PROTECTION STANDARD 701401	
LOCATION	EACH
PROJECT LIMITS	4
TOTAL	4

TRAFFIC CONTROL & PROTECTION STANDARD 701406	
LOCATION	L SUM
PROJECT LIMITS	1
TOTAL	1

TRAFFIC CONTROL SURVEILLANCE	
LOCATION	CAL DA
PROJECT LIMITS	20
TOTAL	20

GUARDRAIL REMOVAL			
LOCATION	TBT REMOVAL, TYPE 1	SPBGR REMOVAL, TYPE A	TBT REMOVAL, TYPE 2
	EACH	FOOT	EACH
40' RT STA 101+81.07 - 102+06.07	1		
40' LT STA 104+07.02 - 104+19.52			1
40' RT STA 106+79.32 - 106+91.82	1		1
40' LT STA 109+55.27 - 109+80.27			
50' RT STA 151+72.95 - 152+22.95	1	25	
90' RT STA 152+25.45 - 152+75.45	1	25	
50' RT STA 154+05.95 - 154+18.45			1
90' RT STA 155+08.45 - 155+20.95			1
22' LT STA 155+63.20 - 155+88.20	1		
30' RT STA 156+90.20 - 157+15.20	1		
TOTAL	6	50	4

PERMANENT SURVEY MARKERS TYPE II	
LOCATION	EACH
STA 287+33.10	1
TOTAL	1

CHANGEABLE MESSAGE SIGN	
LOCATION	CAL DAYS
PROJECT LIMITS	164
TOTALS	164

ENGINEERS FIELD OFFICE, TYPE A	
LOCATION	CAL MO
PROJECT LIMITS	5
TOTAL	5

DELINEATORS		
LOCATION	NEW	REMOVAL
	EACH	EACH
CROSS-OVERS (DOUBLE - AMBER)	18	21
MANHOLES (SINGLE - AMBER)	7	7
GUARDRAIL (SINGLE - WHITE)	4	4
TOTAL	29	32

MOBILIZATION	
LOCATION	L SUM
PROJECT LIMITS	1
TOTAL	1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

DRAWN BY
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	C38-DRS	MCDONOUGH	83	19
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

LOCATION	AGGREGATE (EROSION CONTROL)	AGGREGATE SHOULDERS, TYPE B	LOCATION	AGGREGATE (EROSION CONTROL)	AGGREGATE SHOULDERS, TYPE B
SOUTHBOUND	TON	TON	NORTHBOUND	TON	TON
RT STA 101+56.07 - 105+08.38	10.5		RT STA 117+47.85 - 126+22.39		20.8
RT STA 105+66.07 - 107+16.82	60.5		RT STA 126+97.44 - 150+82.02		56.6
RT STA 107+16.82 - 125+86.70		44.4	RT STA 151+63.38 - 152+73.70		2.6
RT STA 127+29.91 - 150+50.57		55.1	RT STA 152+73.70 - 152+99.45	0.7	
RT STA 152+25.45 - 153+38.70	4.4		RT STA 153+51.95 - 158+65.20	18.5	
RT STA 154+32.70 - 156+20.95	8.3		RT STA 158+65.20 - 164+54.75		14.0
RT STA 156+20.95 - 232+39.83		180.8	RT STA 165+05.51 - 179+68.54		34.7
RT STA 234+70.82 - 286+15.56		122.1	RT STA 180+56.22 - 211+84.19		74.2
RT STA 289+83.82 - 297+30		17.7	RT STA 212+35.06 - 233+24.68		49.6
LT STA 117+47.85 - 126+22.39		20.8	RT STA 234+15.12 - 250+61.03		39.1
LT STA 126+97.44 - 150+82.02		56.6	RT STA 251+11.31 - 268+85.59		42.1
LT STA 151+63.38 - 151+72.95		0.2	RT STA 269+60.20 - 286+89.98		41.1
RT STA 151+72.95 - 152+98.70	4.8		RT STA 287+79.94 - 297+30		22.5
RT STA 153+92.70 - 155+18.45	6.7		LT STA 103+82.02 - 104+82.77	3.7	
LT STA 155+18.45 - 164+54.75		22.2	LT STA 105+40.46 - 110+17.77	14.1	
LT STA 165+05.51 - 179+68.54		34.7	LT STA 110+17.77 - 125+84.69		37.2
LT STA 180+56.22 - 211+84.19		74.2	LT STA 127+18.32 - 150+52		166.2
LT STA 212+35.06 - 233+24.68		49.6	LT STA 151+84.20 - 152+47.45	2.8	
LT STA 234+15.12 - 250+61.03		39.1	LT STA 151+25.59 - 151+84.20		1.4
LT STA 251+11.31 - 268+85.59		42.1	LT STA 152+99.95 - 157+63.20	18.1	
LT STA 269+60.20 - 286+89.98		41.1	LT STA 157+63.20 - 179+62.61		52.2
LT STA 287+79.94 - 297+30		22.5	LT STA 180+80.24 - 232+80.65		123.4
SIDEROADS			LT STA 234+84.89 - 286+57.35		122.8
WEIGH STATION		4.2	LT STA 288+49.46 - 297+30		20.9
TR 85		4.3	SUB-TOTALS	57.9	921.4
TR 111		5.7			
CH 20		7.9			
TR 73		4.3			
ACCESS ROAD		2.6			
TR 93		5.3			
CH 2		4.5	COLUMN 1	95.2	866.3
TR 129		4.3	COLUMN 2	57.9	921.4
SUB-TOTALS	95.2	866.3	TOTALS	153.1	1787.7

AGGREGATE FOR DRIVEWAY MAINTENANCE	
LOCATION	TON
7 PRIVATE ENTRANCES (12' WIDE)	6.6
6 FIELD ENTRANCES (30' WIDE)	14.3
TOTAL	20.9

	AGGREGATE DITCH	PAVED DITCH REMOVAL
LOCATION	TON	FT
LT STA 147+18 - 149+06	71.4	188
TOTAL	71.4	188

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

DRAWN BY
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1)RS	MCDONOUGH	83	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BITUMINOUS RESURFACING - TOTALS

LOCATION	BIT SURF REMOVAL BUTT JT	BIT SURF REMOVAL (2")	BIT SURF REMOVAL (4 1/2")	BCSC SUPERPAVE MIX D, N50 (2")	BCSC SUPERPAVE IL 9.5L LE (2")	POLY BCSC SUPERPAVE MIX D, N50 (2")	BCBC SUPERPAVE IL 19.0, N50 (2.5")	BCBC SUPERPAVE IL 19.0L LE (2.5")	POLY BCBC SUPERPAVE IL 19.0, N50 (2.5")
SHOULDERS	SQ FT	SQ YD	SQ YD	TON	TON	TON	TON	TON	TON
MAINLINE	1369.6		100531.9			11402.7			14253.6
CROSSOVERS			2845.2	318.7			398.3		
TURN LANES			13109.8	1478.4			1847.9		
SHOULDERS	592.8		62242.9		7037.6			8796.9	
SIDE ROADS	964.3	6545.1		677.8	163.2				
TOTALS	2926.7	6545.1	178729.8	2474.9	7200.8	11402.7	2246.2	8796.9	14253.6

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF
QUANTITIES**

DRAWN BY
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	38-DRS	MCDONOUGH	83	21
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BITUMINOUS RESURFACING

LOCATION	AREA	BIT SURF REMOVAL (4 1/2")	BCSC SUPERPAVE MIX D, N50 (2")	BCBC SUPERPAVE IL 19.0, N50 (2.5")
	SQ FT	SQ YD	TON	TON
CROSSOVERS				
STA 126+60	2941.0	326.8	36.6	45.7
STA 151+30	3066.6	340.7	38.2	47.7
STA 164+80	3036.3	337.4	37.8	47.2
STA 180+20	3316.8	368.5	41.3	51.6
STA 212+10	3016.5	335.2	37.5	46.9
STA 233+75	1941.8	215.8	24.2	30.2
STA 250+85	3055.4	339.5	38.0	47.5
STA 269+30	3100.0	344.4	38.6	48.2
STA 287+35	2132.3	236.9	26.5	33.2
SUB-TOTALS		2845.2	318.7	398.3
TURN LANES				
SB 121+59.40 - 127+50	4998.1	555.3	62.2	77.7
NB 125+35 - 131+99.87	6144.8	682.8	76.5	95.6
SB 146+31.11 - 152+90	6038.6	670.9	75.1	93.9
NB 150+20 - 156+16.80	5093.6	566.0	63.4	79.2
SB 175+19.99 - 181+10	5353.2	594.8	66.6	83.3
NB 179+00.51 - 185+61.51	5905.6	656.2	73.5	91.9
SB 226+99.20 - 235+20	7042.7	782.5	87.6	109.6
SB 228+22.51 - 234+60	6488.3	720.9	80.7	100.9
NB 232+34.10 - 241+13.31	8022.2	891.4	99.8	124.8
NB 237+98.5 - 238+58.58	5372.8	597.0	66.9	83.6
SB 264+22 - 270+00	5197.7	577.5	64.7	80.9
NB 268+60 - 274+09	4825.4	536.2	60.0	75.1
SB 281+91.27 - 289+80	6487.4	720.8	80.7	100.9
SB 282+34.81 - 289+25	4569.1	507.7	56.9	71.1
NB 285+90 - 292+74.26	5946.9	660.8	74.0	92.5
NB 286+45 - 292+35.03	5411.5	601.3	67.3	84.2
MEDIAN 106+21.98 - 117+50	25089.1	2787.7	322.3	402.8
SUB-TOTALS		13109.8	1478.4	1847.9
TOTALS		15955.0	1797.0	2246.2

RESURFACING MAIN LINE ONLY

LOCATION	LENGTH	WIDTH	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							
105+64.32 - 106+24.32	60.0	24.0	1440.0	160.0		17.9	22.4
106+24.32 - 152+57.98	4633.7	24.0	111207.8		12356.4	1383.9	1729.9
152+57.98 - 153+17.98	60.0	24.0	1440.0	160.0		17.9	22.4
154+22.56 - 154+82.56	60.0	24.0	1440.0	160.0		17.9	22.4
154+82.56 - 296+70	14187.4	24.0	340498.6		37833.2	4237.3	5296.6
296+70 - 297+30	60.0	24.0	1440.0	160.0		17.9	22.4
NORTH BOUND							
105+59.68 - 106+19.68	60.0	24.0	1440.0	160.0		17.9	22.4
106+19.68 - 152+08.15	4588.5	24.0	110123.3		12235.9	1370.4	1713.0
152+08.15 - 152+68.15	60.0	24.0	1440.0	160.0		17.9	22.4
153+20.11 - 153+80.11	60.0	24.0	1440.0	160.0		17.9	22.4
153+80.11 - 296+70	14289.9	24.0	342957.4		38106.4	4267.9	5334.9
296+70 - 297+30	60.0	24.0	1440.0	160.0		17.9	22.4
MEDIAN 105+61.98 - 106+21.98			806.7	89.6			
TOTALS				1369.6	100531.9	11402.7	14253.6

CONSTRUCTING TEST STRIP

LOCATION	EACH
MAINLINE SURFACE	1
MAINLINE BINDER	1
TURN LANES SURFACE	1
TOTAL	3

MATERIAL TRANSFER DEVICE

LOCATION	TON
MAINLINE SURFACE	11,401.5
MAINLINE BINDER	14,251.9
TOTAL	25,653.4

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

DRAWN BY
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1)RS	MCDONOUGH	83	22
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")
SHOULDERS	SQ FT	SQ YD	SQ YD	TON	TON
SB - OUTSIDE					
STA 105+65.94 - 106+25.96	594.25	66.0		7.4	9.2
STA 106+25.96 - 125+47.88	19219.5		2135.5	239.2	299.0
STA 127+84.12 - 150+59.41	20517.3		2279.7	255.3	319.2
STA 152+71.20 - 153+29.20	595.1	66.1		7.4	9.3
STA 154+34.66 - 154+94.71	604.6	67.2		7.5	9.4
STA 154+94.71 - 228+23.68	73289.7		8143.3	912.0	1140.1
STA 235+17.11 - 281+93.72	46765.8		5196.2	582.0	727.5
STA 288+83.85 - 296+70	7861.5		873.5	97.8	122.3
STA 296+70 - 297+30	659.8	73.3		8.2	10.3
NB - OUTSIDE					
STA 105+57.67 - 106+18.70	605.3	67.3		7.5	9.4
STA 106+18.70 - 125+84.95	17904.6		1989.4	222.8	278.5
STA 127+74.63 - 151+96.03	14433.7		1603.7	179.6	224.5
STA 151+96.03 - 152+56.15	601.2	66.8		7.5	9.4
STA 153+08.03 - 153+68.08	599.8	66.6		7.5	9.3
STA 153+68 - 179+62.61	25786.5		2865.2	320.9	401.1
STA 181+36.43 - 233+00	49233.0		5470.3	612.7	765.8
STA 234+84.89 - 286+54.77	45029.4		5003.3	560.4	700.5
STA 288+45.69 - 296+70	6034.0		670.4	75.1	93.9
STA 296+70 - 297+30	360.1	40.0		4.5	5.6
SB & NB MEDIAN					
STA 117+47.61 - 126+22.42	12477.4		1386.38	155.3	194.1
STA 126+97.69 - 150+82.11	33476.7		3719.6	416.6	520.7
STA 151+63.53 - 164+54.86	16952.8		1883.6	211.0	263.7
STA 165+05.38 - 179+68.59	19723.2		2191.5	245.4	306.8
STA 180+56.03 - 211+84.26	43919.0		4879.9	546.5	683.2
STA 212+35.52 - 233+24.75	28118.2		3124.2	349.9	437.4
STA 234+15.22 - 250+61.49	21609.8		2401.1	268.9	336.2
STA 251+11.12 - 268+84.67	24231.2		2692.4	301.5	376.9
STA 269+60.46 - 286+90.04	23721.1		2635.7	295.2	369.0
STA 287+76.41 - 296+70	9881.6		1098.0	123.0	153.7
STA 296+70 - 297+30	715.3	79.5		8.9	11.1
TOTALS		592.8	62242.9	7037.6	8796.9

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

DRAWN BY _____
CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-1RS	MCDONOUGH	83	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

BITUMINOUS RESURFACING - SIDEROADS							
LOCATION	AREA SHOULDER	AREA MAINLINE	BIT SURF REMOVAL BUTT JT - SHOULDER	BIT SURF REMOVAL BUTT JT - MAINLINE	BIT SURF REMOVAL (2")	BCSC SUPERPAVE IL 9.5L LE (2")	BCSC SUPERPAVE MIX D, N50 (2")
	SQ FT	SQ FT	SQ YD	SQ YD	SQ YD	TON	TON
TR 73	1024.81	5314.22	26.7	82.2	704.3	15.7	75.3
WEIGH STATION	1262.83	5620.29	26.7	123.1	764.8	18.7	83.7
TR 93	1129.21	5644.91	26.7	78.7	752.7	17.0	79.1
ACCESS ROAD	176.99	628.13	33.1	49.8	89.5	5.9	13.4
TR 85	1313.2	4828.66	26.7	82.2	682.4	19.3	69.3
CH 20	2793.24	8671.68	6.2	80.0	1273.9	35.5	116.9
TR 129	1050.64	5396.68	20.0	82.7	716.4	15.3	76.4
TR 111	1368.38	6090.98	26.6	81.9	828.8	20.0	85.0
CH 2	1021.34	5569.74	26.8	84.2	732.3	15.7	78.7
TOTALS			219.5	744.8	6545.1	163.2	677.8

TEMPORARY RAMPS	
LOCATION	SQ YD
SOUTH BOUND	
STA 105+64.32 - 105+94.32	80.0
STA 152+86.70 - 153+16.70	80.0
STA 154+10.70 - 154+40.70	80.0
STA 297+00 - 297+30	80.0
NORTH BOUND	
STA 105+59.68 - 105+89.68	80.0
STA 152+39.45 - 152+69.45	80.0
STA 153+21.95 - 153+51.95	80.0
STA 297+00 - 297+30	80.0
MEDIAN 105+61.98 - 105+91.98	43.3
WEIGH STATION	133.3
TR 73	137.8
TR 85	93.3
ACCESS RD	44.4
TR 93	122.2
TR 111	122.2
CH 2	122.2
TR 129	122.2
CH 20	122.2
TOTALS	1703.1

BITUMINOUS MATERIALS (PRIME COAT)	
LOCATION	TON
MILLED SURFACE @ 0.1 GAL/SQ YD	
MAINLINE	40.7
SIDE ROADS, TURN LANES, CROSSOVERS	9.4
SHOULDERS	25.1
NEW BINDER @ 0.03 GAL/SQ YD	
MAINLINE	12.2
TURN LANES, CROSSOVERS	1.9
SHOULDERS	7.5
TOTAL	96.8

AGGREGATE (PRIME COAT)	
LOCATION	TON
MILLED SURFACE @ 4 LB/SQ YD	
MAINLINE	203.6
TURN LANES, SIDEROADS, CROSSOVERS	47.1
SHOULDERS	125.5
NEW BINDER @ 2 LB/SQ YD	
MAINLINE	101.8
TURN LANES, CROSSOVERS	16.0
SHOULDERS	62.8
TOTAL	556.8

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

DRAWN BY _____
CHECKED BY _____

PIPE CULVERT, TY 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE, 18"	
LOCATION	FOOT
LT STA 179+83 - 179+92	10
LT STA 179+85 - 179+94	10
TOTAL	20

END SECTIONS, 18"	
LOCATION	FOOT
108' LT STA 179+83	1
105' LT STA 179+85	1
TOTAL	2

PIPE CULVERT, TY 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE, 24"	
LOCATION	FOOT
113' LT STA 287+56 - 117' LT STA 287+66	10
48' RT STA 286+74 - 52' RT STA 286+84	10
TOTAL	20

PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 24"	
LOCATION	FOOT
50' LT STA 126+00	1
63' LT STA 127+16	1
113' LT STA 286+72	1
117' LT STA 287+66	1
48' RT STA 286+74	1
52' RT STA 287+98	1
TOTAL	6

LOCATION	CONCRETE COLLAR	REINFORCEMENT BARS
	CU YD	POUND
50' LT STA 126+00	0.3	17
63' LT STA 127+16	0.3	17
113' LT STA 286+32	0.3	17
117' LT STA 287+86	0.3	17
48' RT STA 286+74	0.3	17
52' RT STA 287+98	0.3	17
TOTAL	1.8	102

PIPE CULVERT REMOVAL	
LOCATION	FOOT
113' LT STA 287+56 - 287+66	10
48' RT STA 286+74 - 286+84	10
TOTAL	20

END SECTIONS TO BE REMOVED	
LOCATION	EACH
50' LT STA 126+00	1
63' LT STA 127+16	1
113' LT STA 286+32	1
117' LT STA 287+86	1
48' RT STA 286+74	1
52' RT STA 287+98	1
TOTAL	6

DETECTOR LOOP SPECIAL	
LOCATION	FOOT
STA 119+07.62 (NB)	66
STA 119+07.54 (SB)	66
TOTAL	132

RAISED REFLECTIVE PAVEMENT MARKERS		
LOCATION	NEW	REMOVAL
SB LANES	240	240
NB LANES	240	240
MEDIAN	24	12
TURN LANES @ TR 73	12	22
TURN LANES @ TR 85	12	22
TURN LANES @ TR 93	12	22
TURN LANES @ TR 111	12	22
TURN LANES @ CH 2	13	25
TURN LANES @ ACCESS RD	12	22
TURN LANES @ CH 20	12	22
TURN LANES @ TR 129	12	22
TOTALS	601	671

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

DRAWN BY
CHECKED BY

SHORT TERM PAVEMENT MARKING (3 LIFTS)

STATION TO STATION	CENTERLINE 4" WHITE (FT)	EDGELINE 4" WHITE (FT)	TURN LANES (FT)	STATION TO STATION	CENTERLINE 4" WHITE (FT)	EDGELINE 4" WHITE (FT)	TURN LANES (FT)
NB				SB			
113+90 - 297+30	5502.0			105+84.62 - 297+30	5743.5		
NB RT				SB RT			
117+48.28 - 125+78.08		108.0		105+65.67 - 125+47.34		240.0	
127+49.12 - 150+06.08		276.0		127+84.07 - 146+30.20		228.0	
151+91.89 - 153+86.33		24.0		152+99.39 - 228+23.89		912.0	
156+16.85 - 164+16.75		96.0		235+17.35 - 281+93.69		564.0	
165+40.83 - 179+17.59		168.0		288+83.81 - 297+30		108.0	
181+05 - 232+34		624.0		SB LT			
238+58.58 - 268+46.85		360.0		117+48.28 - 121+88.43		60.0	
270+10.95 - 286+43		204.0		127+49.07 - 150+47.52		276.0	
292+35.13 - 297+30		60.0		152+13.61 - 164+26.42		156.0	
NB LT				165+35.40 - 175+19.50		120.0	
105+58 - 125+34.38		240.0		181+10.73 - 227+00		552.0	
132+00 - 150+36.34		228.0		234+64.32 - 250+26.59		192.0	
151+65.57 - 178+98.51		336.0		251+46.61 - 264+23.70		156.0	
185+61.07 - 232+34.23		564.0		270+10.95 - 282+63.37		156.0	
241+13.66 - 268+59.83		336.0		288+24.81 - 297+30		120.0	
274+12.49 - 285+93.76		144.0					
292+74.56 - 297+30		60.0					
NB				SB			
105+61.09 - 117+48.28			360.0	105+62.94 - 117+48.28			360.0
RT @ TR 73			84.0	LT @ TR 73			72.0
LT @ TR 85			36.0	RT @ TR 85			72.0
RT @ TR 93			84.0	LT @ TR 93			72.0
RT @ CH 2			120.0	LT @ CH 2			120.0
LT @ TR 111			72.0	RT @ TR 111			84.0
RT @ DRIVE			72.0	LT @ DR.			72.0
RT @ TR 129			84.0	RT @ CH 20			84.0
RT @ CH 20			72.0	LT @ TR 129			72.0
SUB-TOTALS	5502	3828.0	984.0		5743.5	3840.0	1008.0
TOTALS				20905.5			

TEMP & EPOXY PAV'T MARKING- LETTERS & SYMBOLS

LOCATION	SQ FT
LT TURN @ TR 73	31.2
RT TURN @ TR 73	31.2
RT TURN @ TR 85	31.2
LT TURN @ TR 85	31.2
LT TURN @ TR 93	31.2
RT TURN @ TR 93	31.2
RT TURN @ TR 111	31.2
LT TURN @ CH 2	31.2
LT TURN @ TR 111	31.2
RT TURN @ CH 2	31.2
LT TURN @ ACCESS RD	31.2
RT TURN @ ACCESS RD	31.2
RT TURN @ CH 20	31.2
LT TURN @ TR 129	31.2
LT TURN @ CH 20	31.2
RT TURN @ TR 129	31.2
TOTALS	499.2

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

SOUTH BOUND	SKIP DASH WHITE (FT)
CENTERLINE	
105+84.62 - 297+30	4786.3
NORTH BOUND	
CENTERLINE	
113+90 - 297+30	4585.0
TOTALS	9371.3

WORK ZONE PAV'T MARKING REMOVAL

LOCATION	SQ FT
CENTERLINE	1248.40
EDGELINES	851.10
TURN LANES	221.10
TOTALS	2320.6

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

DRAWN BY
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	C38-DRS	MCDONOUGH	83	26
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

TEMPORARY & EPOXY PAVEMENT MARKING - LINE 4"				
STATION TO STATION	EDGE LINE WHITE (FT)	EDGE LINE YELLOW (FT)	SKIP DASH YELLOW (FT)	YELLOW (FT)
SB RT				
105+65.67 - 125+84.40	2018.7			
127+49.09 - 150+56.11	2307.0			
152+29.83 - 232+47.51	8017.7			
234+42.47 - 286+16.27	5173.8			
288+83.53 - 297+30	846.5			
SB LT				
105+61.98 - 107+42 (2 LINES)		360.0		
107+42 - 111+25		383.0		
111+25 - 117+54 (2 LINES)		1258.0		
117+54 - 297+30		17976.0		
NB RT				
105+61.98 - 107+42 (2 LINES)		360.0		
107+42 - 112+32		490.0		
111+25 - 117+54 (2 LINES)		1258.0		
117+54 - 297+30		17,976.0		
NB LT				
106+17.89 - 125+84.38	1966.5			
127+74.87 - 150+36.34	2261.5			
151+65.04 - 179+45.56	2780.5			
181+36.51 - 232+47.51	5111.0			
234+13.90 - 268+61.78	3447.9			
269+84 - 285+93.77	1609.8			
288+49.26 - 297+30	880.7			
MEDIAN NOSES		1500.81		
CENTER TURN LANE				
107+42 - 111+25			200.0	
111+25 - 112+32			20.0	
WEIGH STATION				
0+80 - 1+83.45 (2 LINES)				413.8
SUB-TOTALS	36421.6	41561.9	220.00	413.8
TOTAL	78617.2			

TEMPORARY & EPOXY PAVEMENT MARKING LINE 8"				
LOCATION	RT TURN LANE WHITE (FT)	LT TURN LANE WHITE (FT)	LANE TAPER WHITE (FT)	ISLAND
SOUTH BOUND				
TR 73 STA. 123+89.40 - 126+22.39		233.0		
TR 85 STA 148+61.11 - 150+82.02	220.9			191.3
TR 93 STA 177+49.99 - 179+68.54		218.6		
CH 2 STA 229+99.20 - 233+24.68		325.5		
TR 111 STA 230+52.51 - 233+24.68	272.2			237.4
DRIVE STA 266+52 - 268+85.59		233.6		
CH20 STA 284+21.27 - 286+89.98	268.7			252.8
TR129 STA 284+64.81 - 286+89.98		225.2		
NORTH BOUND				
TR 73 STA 126+97.44 - 129+69.87	272.4			218.2
TR 85 STA 151+63.38 - 153+86.80		223.4		
TR 93 STA 180+56.22 - 183+31.51	275.3			195.8
TR 111 STA 234+15.12 - 236+37.47		222.4		
CH 2 STA 234+15.12 - 237+86.67	371.6			199.6
DRIVE STA 269+60.20 - 271+79	218.8			
CH 20 STA 287+79.94 - 290+05.03		225.1		
TR 129 STA 287+79.94 - 290+44.26	264.3			200.4
NB STA 105+79.88 - 116+60			1080.1	
TOTAL	6646.4			

TEMPORARY & EPOXY PAVEMENT MARKING LINE 12"			
LOCATION	CENTER TURN LANE YELLOW (FT)	ISLAND YELLOW (FT)	MERGE LANE YELLOW (FT)
STA 105+61.98 - 107+42	132.8		
STA 111+25 - 117+54			492.9
WEIGH STATION		78.6	
TR 73		149.3	
TR 85		122.8	
TR 93		147	
CH 2		138.3	
TR 111		164.3	
TR 129		124.9	
CH 20		208.8	
TOTAL	1759.7		

REVISIONS	
NAME	DATE

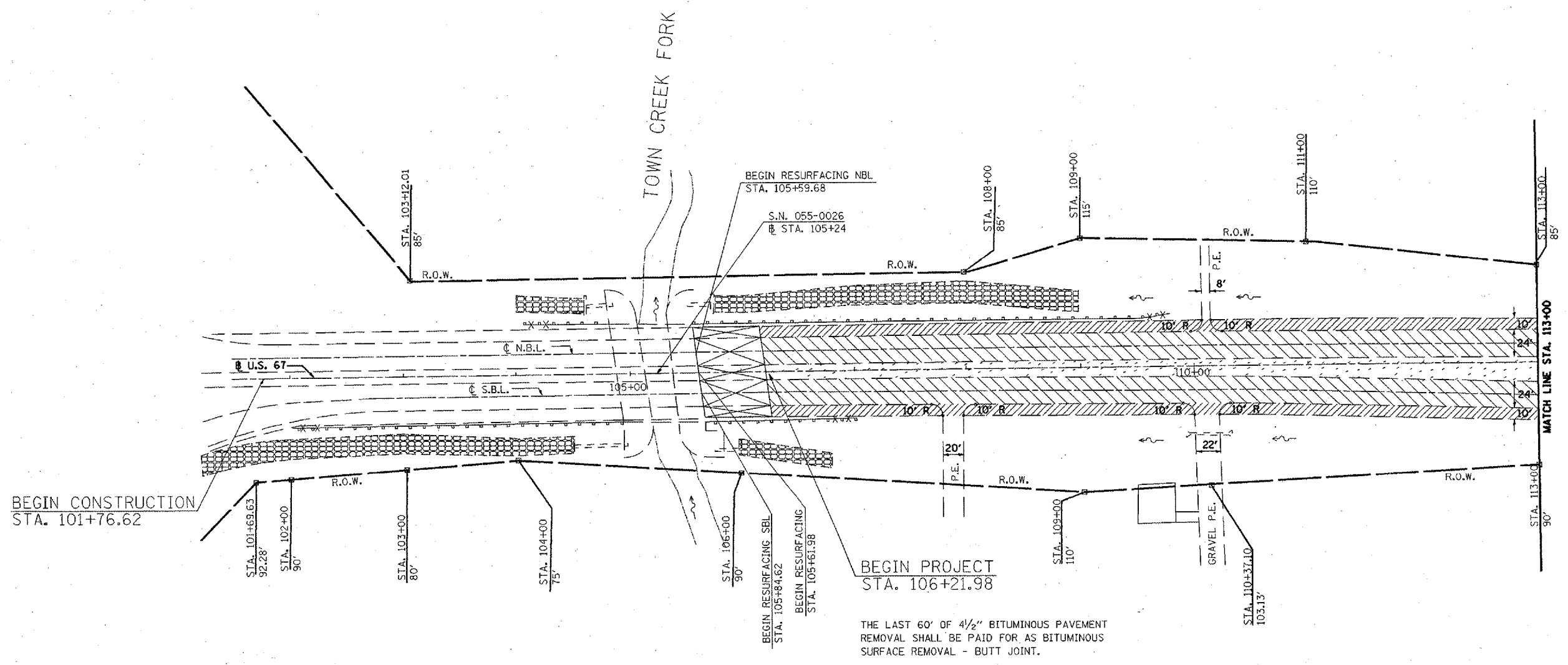
ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

DRAWN BY _____
 CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	27
STA. 101+69.63		TO STA. 113+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

T7N R2W 4th PM (WALNUT GROVE TWP.)
SECTION 31



THE LAST 60' OF 4 1/2" BITUMINOUS PAVEMENT
REMOVAL SHALL BE PAID FOR AS BITUMINOUS
SURFACE REMOVAL - BUTT JOINT.

T7N R3W 4th PM (SCIOTA TWP.)
SECTION 36

- | EXISTING LEGEND | | REMOVAL LEGEND | |
|-----------------|------------------------|----------------|---------------------|
| | CONCRETE REVETMENT MAT | | GUARDRAIL REMOVAL |
| | R.O.W. MARKER | | CULVERT REMOVAL |
| | SUMMIT | | BUTT JOINT |
| | EXIST. DITCH CHECK | | SHOULDER MILLING |
| | PAVED DITCH | | MEDIAN MILLING |
| | EXIST. GUARDRAIL | | PAVEMENT MILLING |
| | | | END SECTION REMOVAL |
| | | | PAVED DITCH REMOVAL |

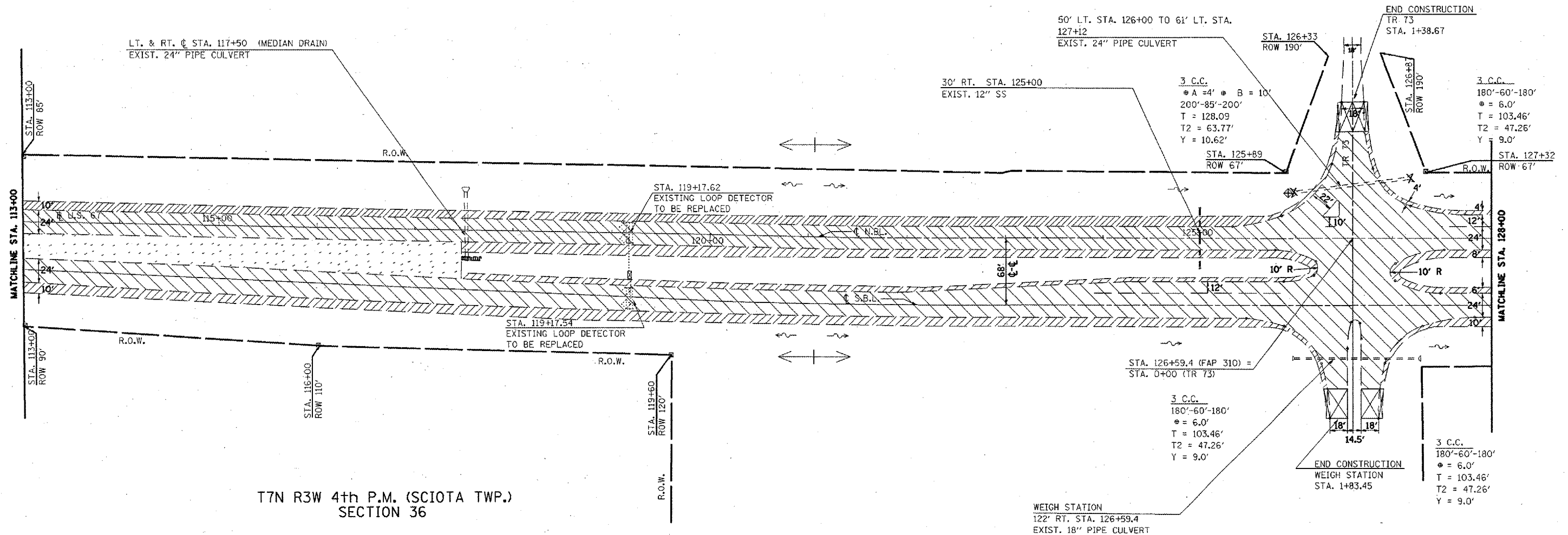


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING & REMOVAL
PLAN SHEET
STA. 101+69.63 TO 113+00
SCALE: VERT. 1" = 50'
HORIZ. DATE \$\$\$DATE\$\$
DRAWN BY CADD
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	C38-1) RS	MCDONOUGH	83	28
STA. 113+00 TO STA. 128+00				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

T7N R2W 4th P.M. (WALNUT GROVE TWP.)
SECTION 31



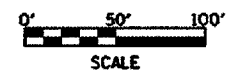
T7N R3W 4th P.M. (SCIOTA TWP.)
SECTION 36

EXISTING LEGEND

- CONCRETE REVETMENT MAT
- R.O.W. MARKER
- SUMMIT
- EXIST. DITCH CHECK
- PAVED DITCH
- EXIST. GUARDRAIL

REMOVAL LEGEND

- GUARDRAIL REMOVAL
- CULVERT REMOVAL
- BUTT JOINT
- SHOULDER MILLING
- MEDIAN MILLING
- PAVEMENT MILLING
- END SECTION REMOVAL
- PAVED DITCH REMOVAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

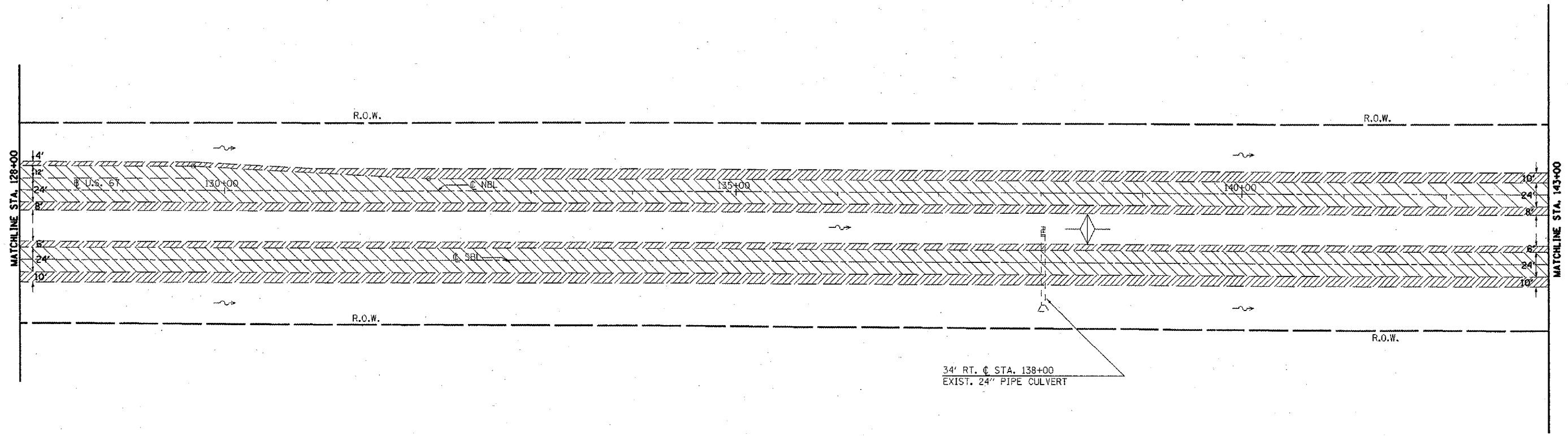
EXISTING & REMOVAL
PLAN SHEET
STA. 113+00 TO 128+00

SCALE: VERT. 1" = 50'
HORIZ. 1" = 100'

DRAWN BY CADD
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	29
STA. 128+00		TO STA. 143+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 6



34' RT. @ STA. 138+00
EXIST. 24" PIPE CULVERT

STATE OF ILLINOIS

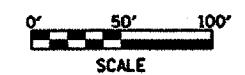
T6N R3W 4th P.M. (EMMET TWP.)
SECTION 1

EXISTING LEGEND

- CONCRETE REVETMENT MAT
- R.O.W. MARKER
- SUMMIT
- EXIST. DITCH CHECK
- PAVED DITCH
- EXIST. GUARDRAIL

REMOVAL LEGEND

- GUARDRAIL REMOVAL
- CULVERT REMOVAL
- BUTT JOINT
- SHOULDER MILLING
- MEDIAN MILLING
- PAVEMENT MILLING
- END SECTION REMOVAL
- PAVED DITCH REMOVAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**EXISTING & REMOVAL
PLAN SHEET**
STA. 128+00 TO 143+00

SCALE: VERT. 1" = 50'
HORIZ. 1" = 100'

DATE ##DATE##

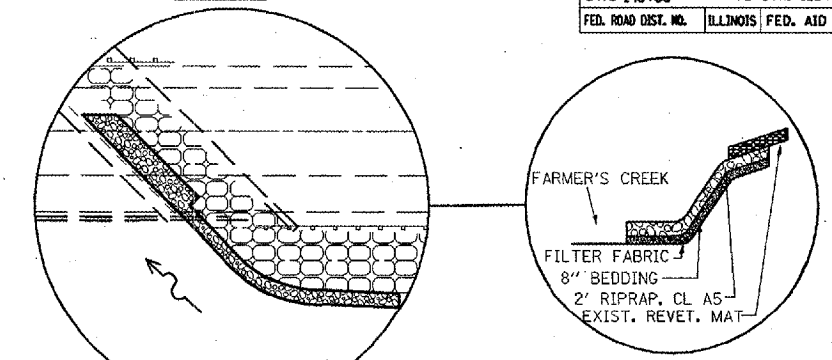
DRAWN BY CADD
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	C38-D RS	MCDONOUGH	83	30
STA. 143+00		TO STA. 158+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

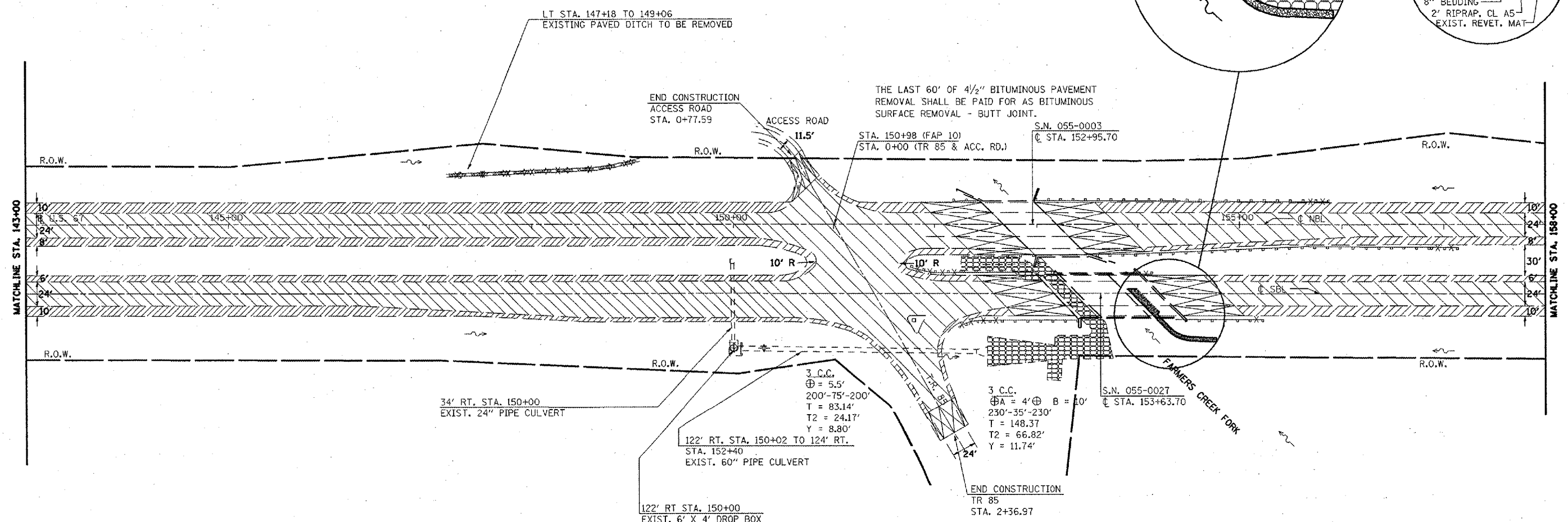


T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 6

PLAN VIEW



FARMER'S CREEK
FILTER FABRIC
8" BEDDING
2' RIPRAP, CL A5
EXIST. REVET. MAT



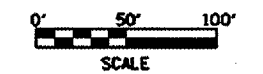
T6N R3W 4th P.M. (EMMET TWP.)
SECTION 1

EXISTING LEGEND

- CONCRETE REVETMENT MAT
- R.O.W. MARKER
- SUMMIT
- EXIST. DITCH CHECK
- PAVED DITCH
- EXIST. GUARDRAIL

REMOVAL LEGEND

- GUARDRAIL REMOVAL
- CULVERT REMOVAL
- BUTT JOINT
- SHOULDER MILLING
- MEDIAN MILLING
- PAVEMENT MILLING
- END SECTION REMOVAL
- PAVED DITCH REMOVAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING & REMOVAL
PLAN SHEET
STA. 143+00 TO 158+00

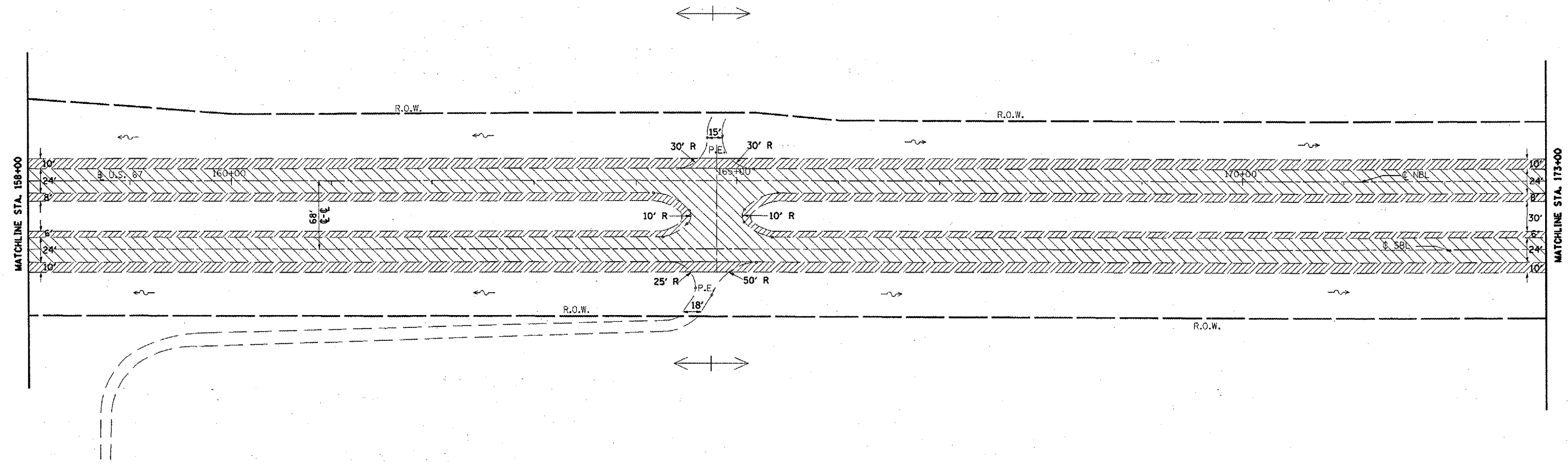
SCALE: VERT. 1" = 50'
HORIZ. 1" = 50'

DATE **DATE**

DRAWN BY CADD
CHECKED BY

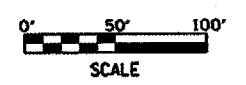
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-D) RS	MCDONOUGH	83	31
STA. 158+00		TO STA. 173+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 6



T6N R3W 4th P.M. (EMMET TWP.)
SECTION 1

- | EXISTING LEGEND | | REMOVAL LEGEND | |
|-----------------|------------------------|----------------|---------------------|
| | CONCRETE REVETMENT MAT | | GUARDRAIL REMOVAL |
| | R.O.W. MARKER | | CULVERT REMOVAL |
| | SUMMIT | | BUTT JOINT |
| | EXIST. DITCH CHECK | | SHOULDER MILLING |
| | PAVED DITCH | | MEDIAN MILLING |
| | EXIST. GUARDRAIL | | PAVEMENT MILLING |
| | | | END SECTION REMOVAL |
| | | | PAVED DITCH REMOVAL |

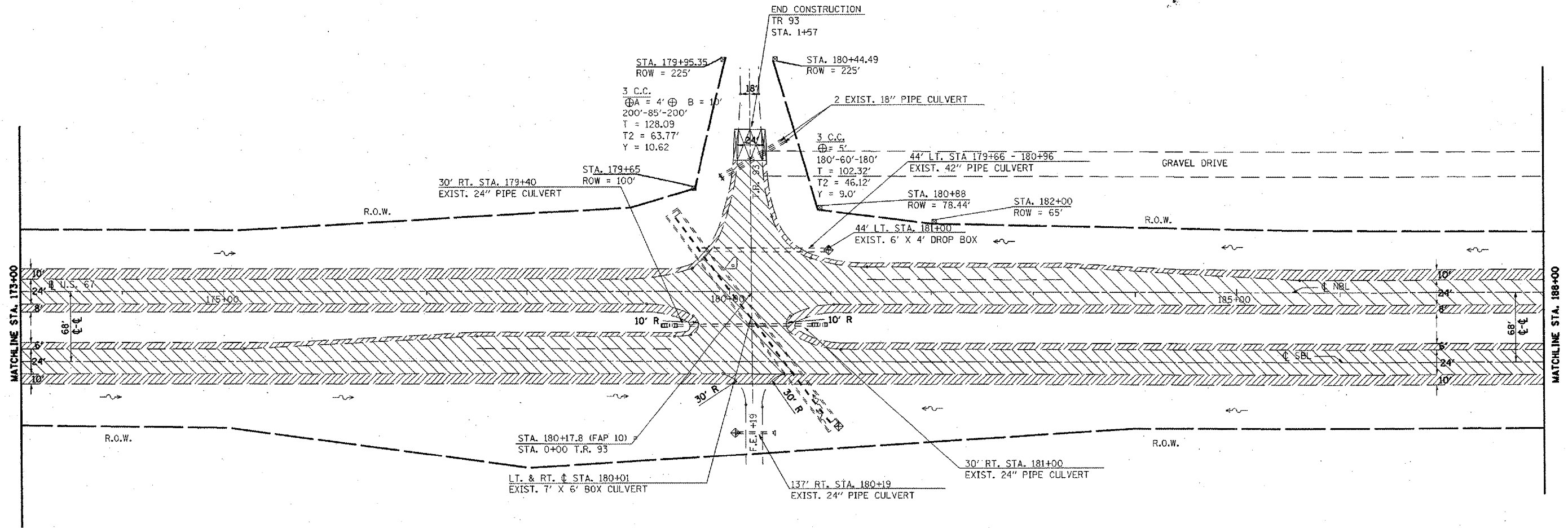


REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE		
		EXISTING & REMOVAL	
		PLAN SHEET	
		STA. 158+00 TO 173+00	
		SCALE: VERT. 1" = 50'	DRAWN BY CADD
		HORIZ. 1" = 50'	CHECKED BY
		DATE **DATE**	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	C38-1) RS	MCDONOUGH	83	32
STA. 173+00 TO STA. 188+00			ILLINOIS FED. AID PROJECT	

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 6

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 7



T6N R3W 4th P.M. (EMMET TWP.)
SECTION 1

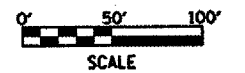
T6N R3W 4th P.M. (EMMET TWP.)
SECTION 12

EXISTING LEGEND

- CONCRETE REVETMENT MAT
- R.O.W. MARKER
- SUMMIT
- EXIST. DITCH CHECK
- PAVED DITCH
- EXIST. GUARDRAIL

REMOVAL LEGEND

- GUARDRAIL REMOVAL
- CULVERT REMOVAL
- BUTT JOINT
- SHOULDER MILLING
- MEDIAN MILLING
- PAVEMENT MILLING
- END SECTION REMOVAL
- PAVED DITCH REMOVAL

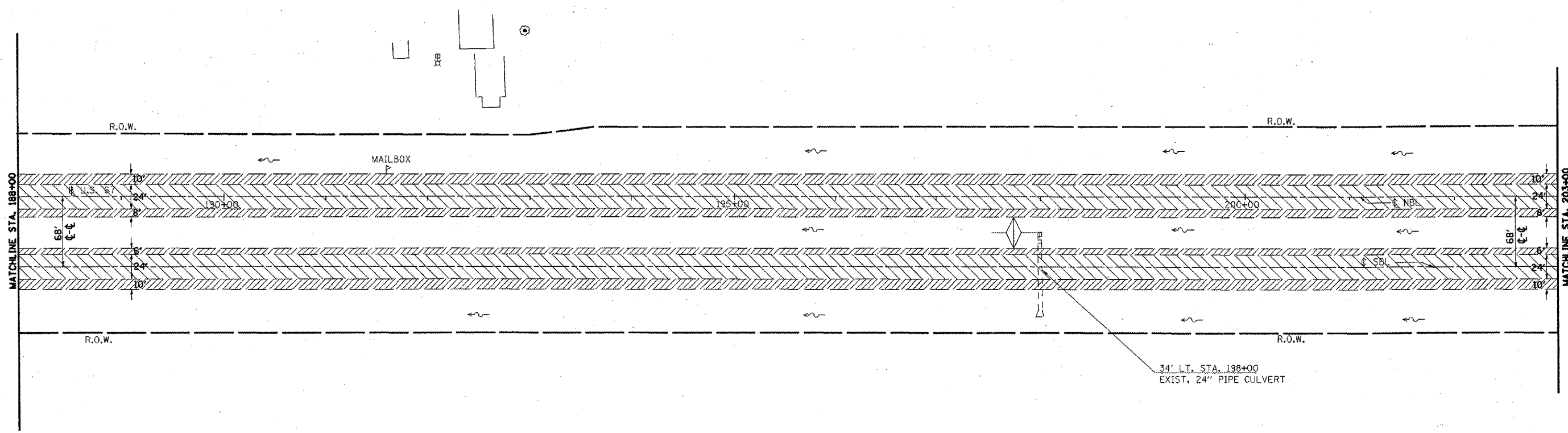


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING & REMOVAL
PLAN SHEET
STA. 173+00 TO 188+00
SCALE: VERT. 1" = 50'
HORIZ. 1" = 100'
DATE **DATE**
DRAWN BY CADD
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	038-D RS	MCDONOUGH	83	33
STA. 188+00		TO STA. 203+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 7



T6N R3W 4th P.M. (EMMET TWP.)
SECTION 12

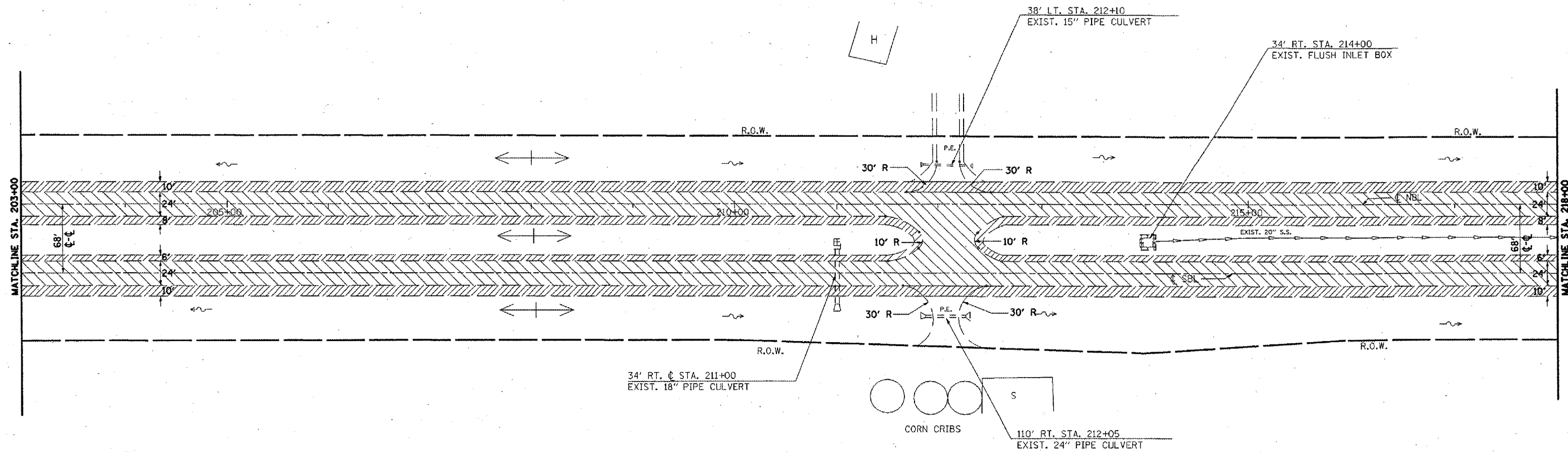
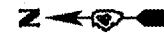
- | EXISTING LEGEND | | REMOVAL LEGEND | |
|-----------------|------------------------|----------------|---------------------|
| | CONCRETE REVETMENT MAT | | GUARDRAIL REMOVAL |
| | R.O.W. MARKER | | CULVERT REMOVAL |
| | SUMMIT | | BUTT JOINT |
| | EXIST. DITCH CHECK | | SHOULDER MILLING |
| | PAVED DITCH | | MEDIAN MILLING |
| | EXIST. GUARDRAIL | | PAVEMENT MILLING |
| | | | END SECTION REMOVAL |
| | | | PAVED DITCH REMOVAL |



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION EXISTING & REMOVAL PLAN SHEET STA. 188+00 TO 203+00
NAME	DATE	
		SCALE: VERT. 1" = 50' HORIZ. DATE \$\$DATE\$\$
DRAWN BY CADD		CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MC DONOUGH	83	34
STA. 203+00		TO STA. 218+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 7



T6N R3W 4th P.M. (EMMET TWP.)
SECTION 12

EXISTING LEGEND

- CONCRETE REVETMENT MAT
- R.O.W. MARKER
- SUMMIT
- EXIST. DITCH CHECK
- PAVED DITCH
- EXIST. GUARDRAIL

REMOVAL LEGEND

- GUARDRAIL REMOVAL
- CULVERT REMOVAL
- BUTT JOINT
- SHOULDER MILLING
- MEDIAN MILLING
- PAVEMENT MILLING
- END SECTION REMOVAL
- PAVED DITCH REMOVAL



REVISIONS	
NAME	DATE

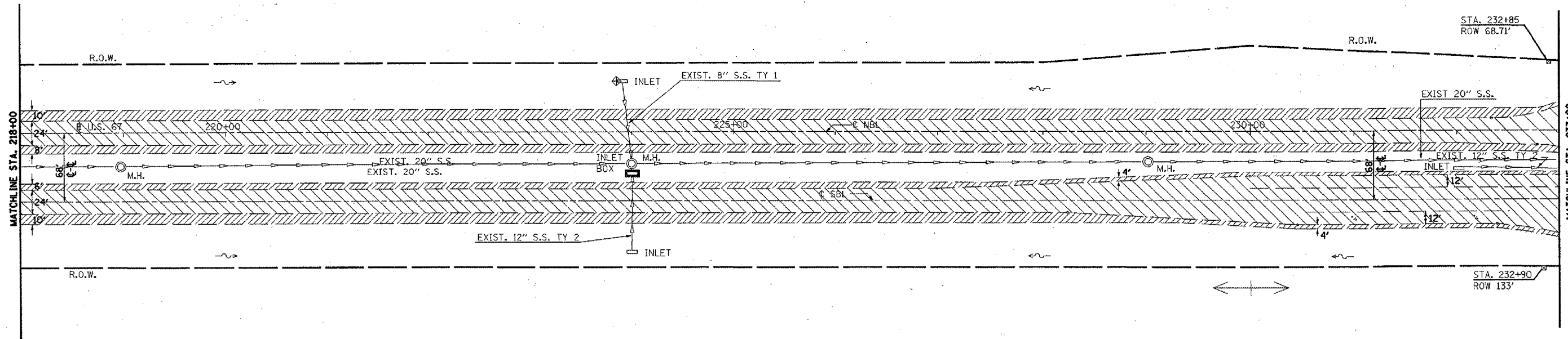
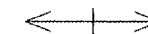
ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING & REMOVAL
PLAN SHEET
STA. 203+00 TO 218+00

SCALE: VERT. 1" = 50'
HORIZ. 1" = 100'
DATE **DATE**

DRAWN BY CADD
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	38-D RS	MCDONOUGH	83	35
STA. 218+00		TO STA. 233+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 7



NOTE: THERE IS A DRAINAGE STRUCTURE @ STA. 219+00 THAT WAS NOT SHOWN ON OLD PLANS. THERE IS REVETMENT MAT AROUND STRUCTURE.

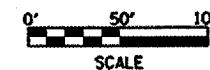
T6N R3W 4th P.M. (EMMET TWP.)
SECTION 12

EXISTING LEGEND

- CONCRETE REVETMENT MAT
- R.O.W. MARKER
- SUMMIT
- EXIST. DITCH CHECK
- PAVED DITCH
- EXIST. GUARDRAIL

REMOVAL LEGEND

- GUARDRAIL REMOVAL
- CULVERT REMOVAL
- BUTT JOINT
- SHOULDER MILLING
- MEDIAN MILLING
- PAVEMENT MILLING
- END SECTION REMOVAL
- PAVED DITCH REMOVAL

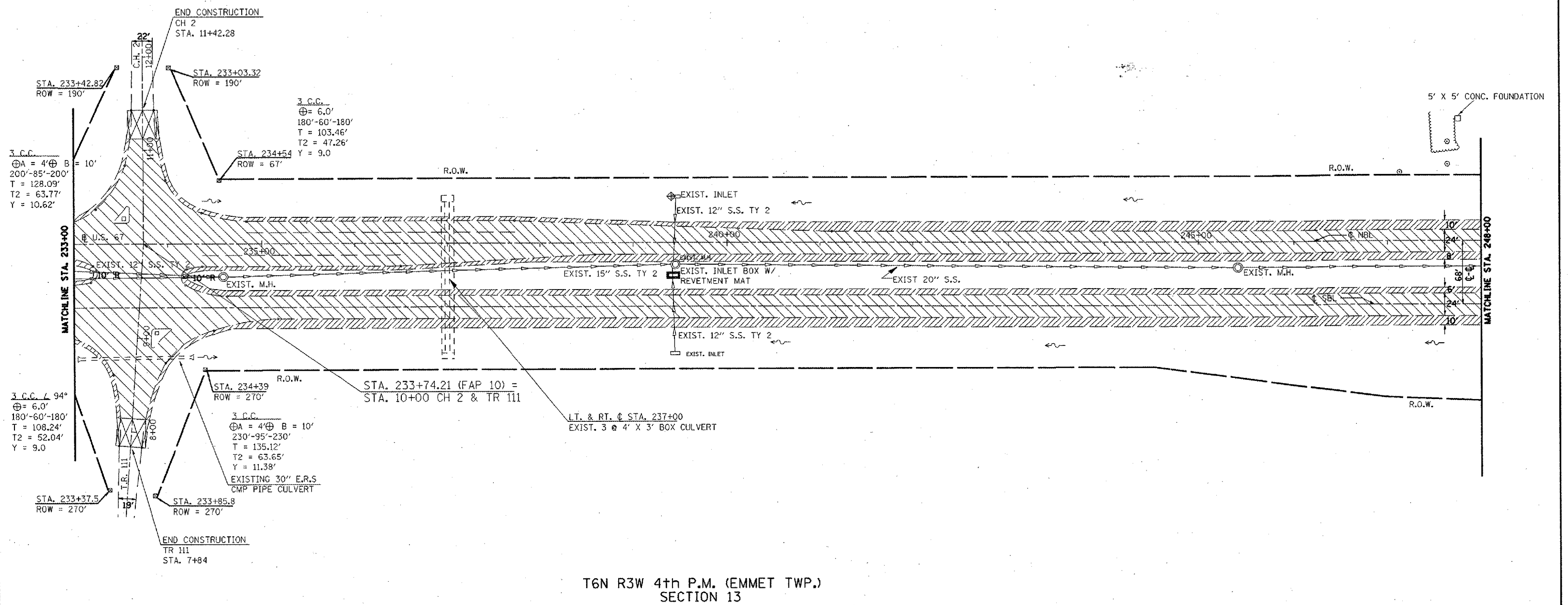


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING & REMOVAL
PLAN SHEET
STA. 218+00 TO 233+00
SCALE: VERT. 1" = 50'
HORIZ. 1" = 100'
DATE: ##DATE##
DRAWN BY: CADD
CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	36
STA. 233+00		TO STA. 248+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 18



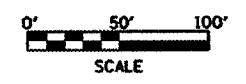
T6N R3W 4th P.M. (EMMET TWP.)
SECTION 13

EXISTING LEGEND

- CONCRETE REVETMENT MAT
- R.O.W. MARKER
- SUMMIT
- EXIST. DITCH CHECK
- PAVED DITCH
- EXIST. GUARDRAIL

REMOVAL LEGEND

- GUARDRAIL REMOVAL
- CULVERT REMOVAL
- BUTT JOINT
- SHOULDER MILLING
- MEDIAN MILLING
- PAVEMENT MILLING
- END SECTION REMOVAL
- PAVED DITCH REMOVAL



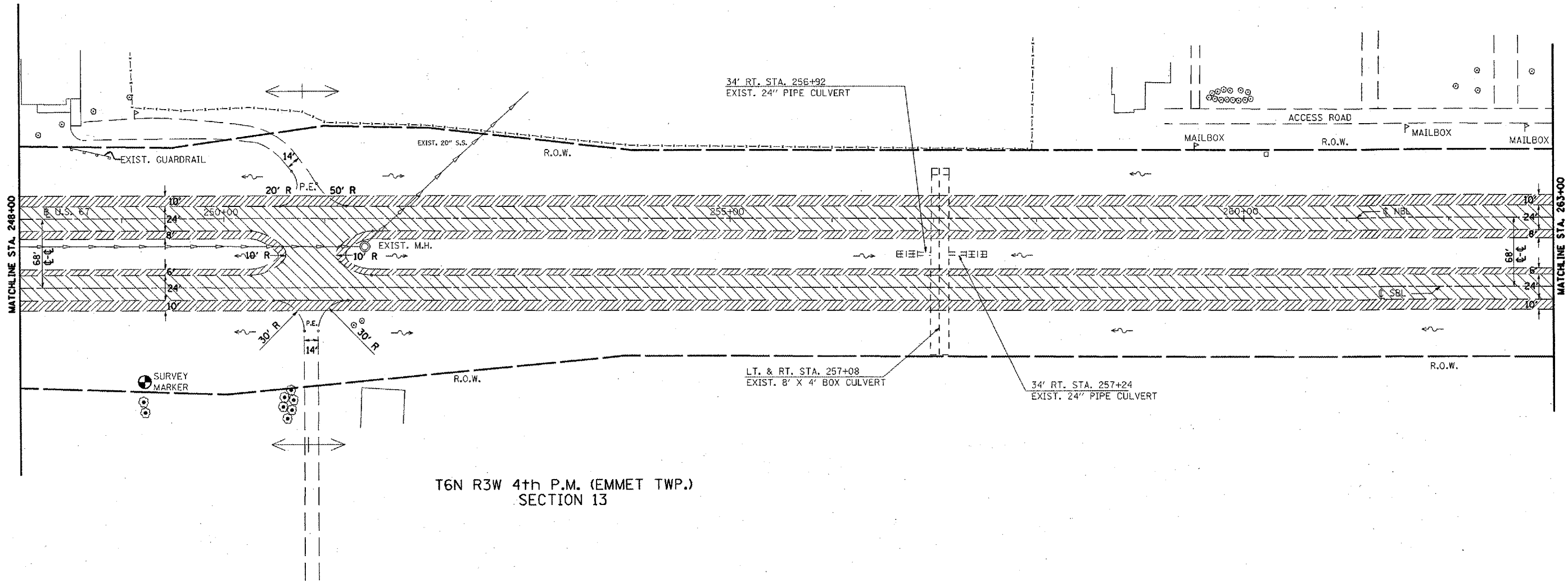
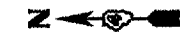
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**EXISTING & REMOVAL
PLAN SHEET**
STA. 233+00 TO 248+00

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	37
STA. 248+00		TO STA. 263+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 18



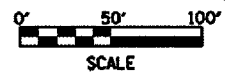
T6N R3W 4th P.M. (EMMET TWP.)
SECTION 13

EXISTING LEGEND

- CONCRETE REVETMENT MAT
- R.O.W. MARKER
- SUMMIT
- EXIST. DITCH CHECK
- PAVED DITCH
- EXIST. GUARDRAIL

REMOVAL LEGEND

- GUARDRAIL REMOVAL
- CULVERT REMOVAL
- BUTT JOINT
- SHOULDER MILLING
- MEDIAN MILLING
- PAVEMENT MILLING
- END SECTION REMOVAL
- PAVED DITCH REMOVAL



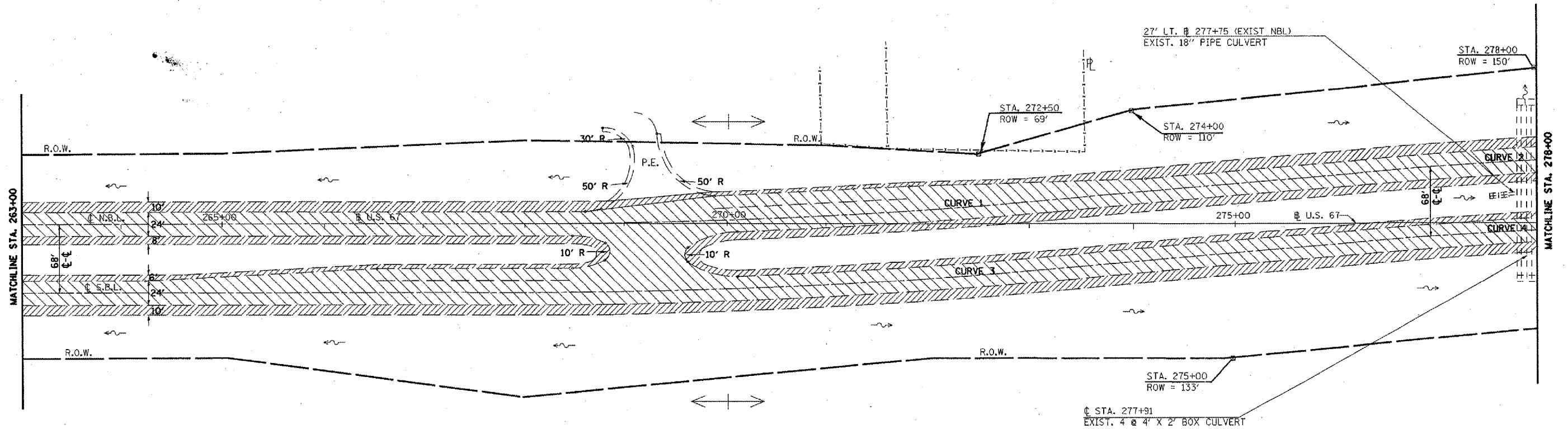
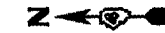
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING & REMOVAL
PLAN SHEET
STA. 248+00 TO 263+00

SCALE: VERT. 1" = 50'
HORIZ. 1" = 100'
DATE **DATE**
DRAWN BY CADD
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	38
STA. 263+00		TO STA. 278+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

T6N R2W 4th P.M. (EMMET TWP.)
SECTION 18



T6N R3W 4th P.M. (EMMET TWP.)
SECTION 13

CURVE DATA - NBL

CURVE 1	PI = 270+54.46	T = 254.46'	CURVE 2	PI = 278+26.18	T = 250.60'
Δ = 5° 05' 07.42"	PC = 268+00.00		Δ = 5° 00' 30.44"	PC = 275+75.58	
D = 0° 59' 59.73"	PT = 273+08.58		D = 0° 59' 59.73"	PT = 280+76.46	
L = 508.58'	SE = 0.033 FT/FT		L = 500.88'	SE = 0.033 FT/FT	
R = 5730.00'			R = 2730.00'		
BEGIN SUPER @ 266+66.67			BEGIN SUPER @ 274+42.25		
BEGIN FULL SUPER @ 268+66.67			BEGIN FULL SUPER @ 276+42.25		
END FULL SUPER @ 272+41.91			END FULL SUPER @ 280+09.79		
END SUPER @ 274+41.91			END SUPER @ 282+09.79		

CURVE DATA - SBL

CURVE 3	PI = 270+57.27	T = 257.48'	CURVE 4	PI = 278+29.03	T = 247.63'
Δ = 5° 05' 07.42"	PC = 267+99.8		Δ = 5° 00' 30.44"	PC = 275+81.41	
D = 0° 59' 17.52"	PT = 273+14.41		D = 1° 00' 42.97"	PT = 280+76.35	
L = 514.61'	SE = 0.033 FT/FT		L = 494.94'	SE = 0.033 FT/FT	
R = 5798.00'			R = 5662.00'		
BEGIN SUPER @ 266+66.47			BEGIN SUPER @ 274+48.08		
BEGIN FULL SUPER @ 268+66.47			BEGIN FULL SUPER @ 276+48.08		
END FULL SUPER @ 272+47.74			END FULL SUPER @ 280+09.68		
END SUPER @ 274+47.74			END SUPER @ 282+09.68		

EXISTING LEGEND

- CONCRETE REVETMENT MAT
- R.O.W. MARKER
- SUMMIT
- EXIST. DITCH CHECK
- PAVED DITCH
- EXIST. GUARDRAIL

REMOVAL LEGEND

- GUARDRAIL REMOVAL
- CULVERT REMOVAL
- BUTT JOINT
- SHOULDER MILLING
- MEDIAN MILLING
- PAVEMENT MILLING
- END SECTION REMOVAL
- PAVED DITCH REMOVAL



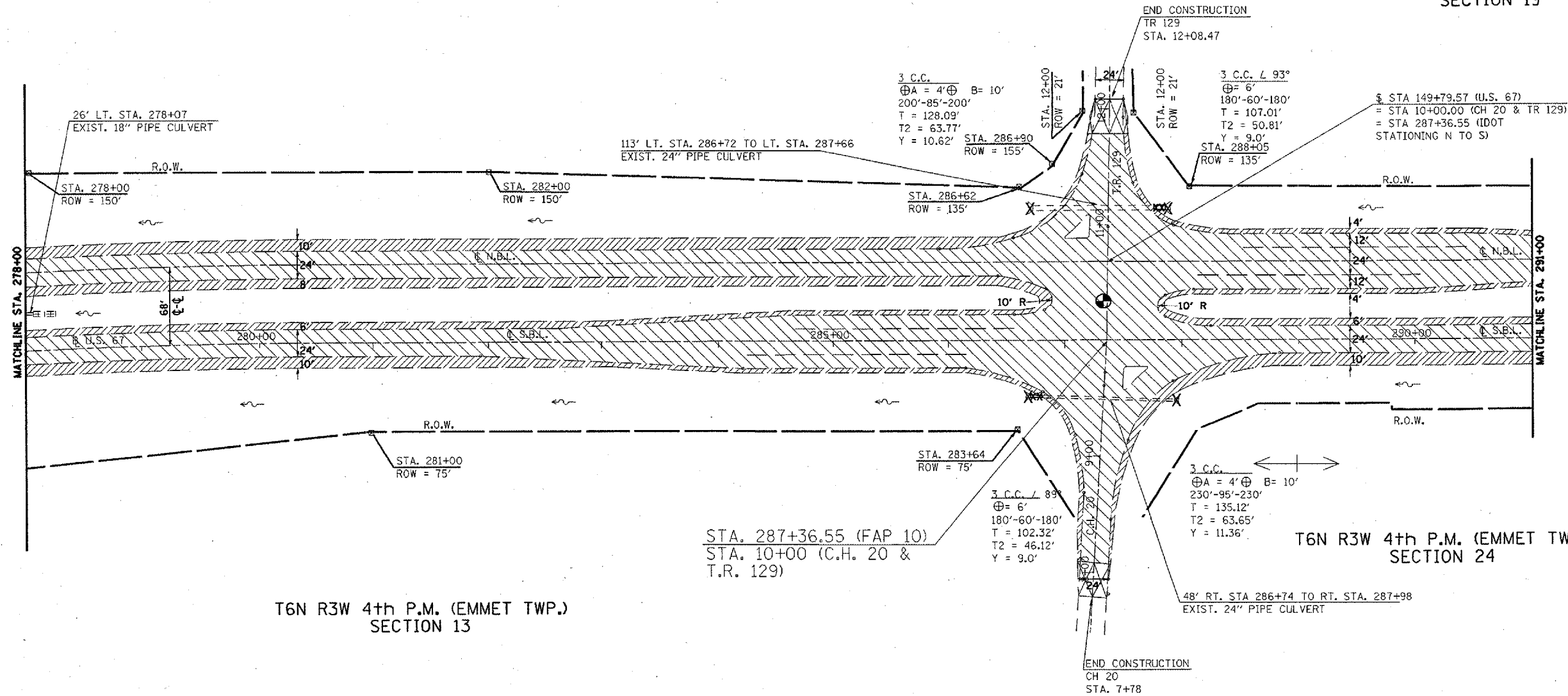
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING & REMOVAL
PLAN SHEET
STA. 263+00 TO 278+00
SCALE: VERT. 1" = 50'
HORIZ. 1" = 100'
DATE: **DATE**
DRAWN BY: CADD
CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-D) RS	MCDONOUGH	83	39
STA. 278+00 TO STA. 291+00				
ILLINOIS		FED. AID PROJECT		

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 18

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 19

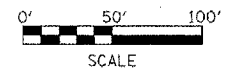


EXISTING LEGEND

- CONCRETE REVETMENT MAT
- R.O.W. MARKER
- SUMMIT
- EXIST. DITCH CHECK
- PAVED DITCH
- EXIST. GUARDRAIL

REMOVAL LEGEND

- GUARDRAIL REMOVAL
- CULVERT REMOVAL
- BUTT JOINT
- SHOULDER MILLING
- MEDIAN MILLING
- PAVEMENT MILLING
- END SECTION REMOVAL
- PAVED DITCH REMOVAL



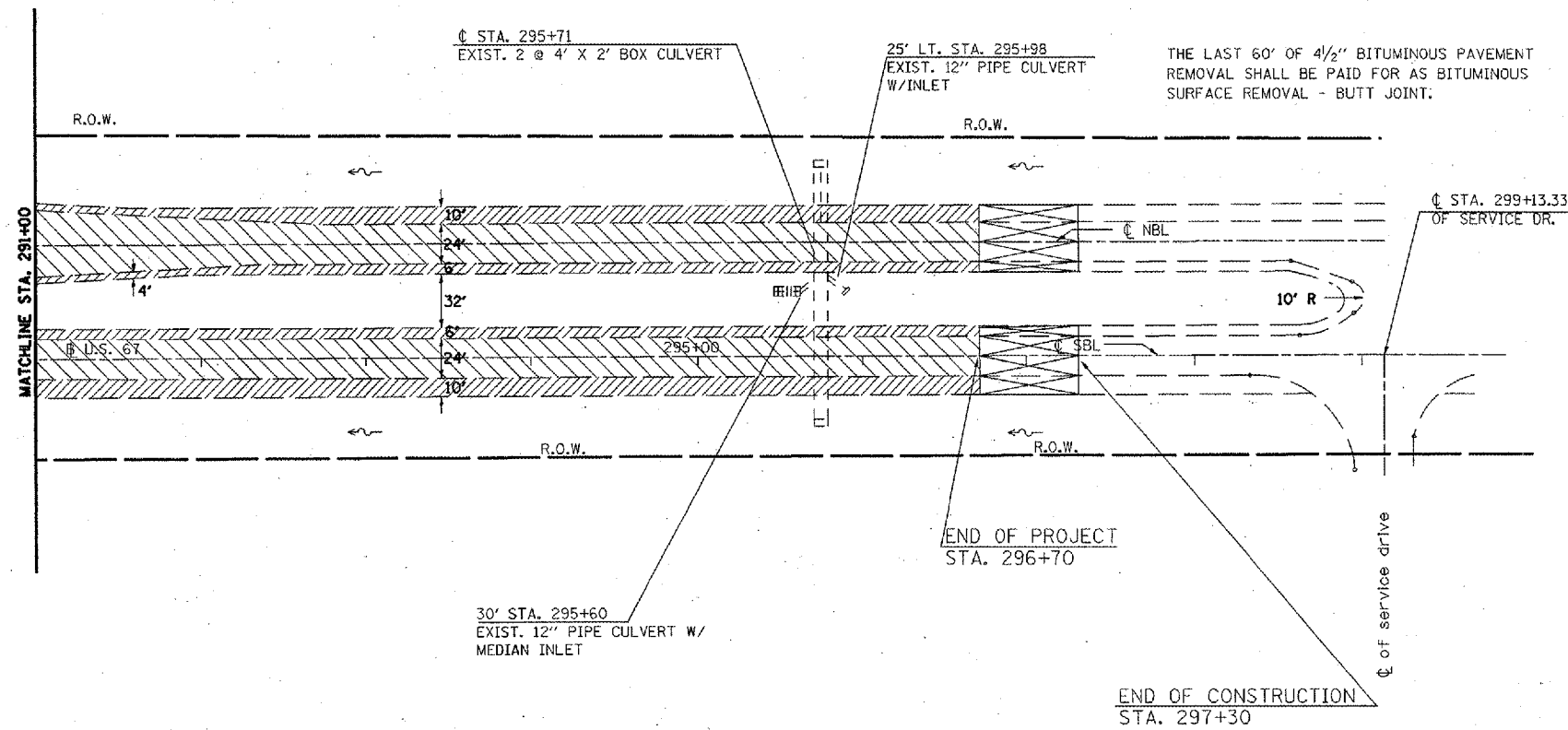
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING & REMOVAL
PLAN SHEET
STA. 278+00 TO 291+00

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	40
STA. 291+00 TO STA. 299+13.33				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 19



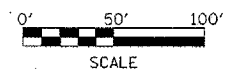
T6N R3W 4th P.M. (EMMET TWP.)
SECTION 24

EXISTING LEGEND

- CONCRETE REVETMENT MAT
- R.O.W. MARKER
- SUMMIT
- EXIST. DITCH CHECK
- PAVED DITCH
- EXIST. GUARDRAIL

REMOVAL LEGEND

- GUARDRAIL REMOVAL
- CULVERT REMOVAL
- BUTT JOINT
- SHOULDER MILLING
- MEDIAN MILLING
- PAVEMENT MILLING
- END SECTION REMOVAL
- PAVED DITCH REMOVAL

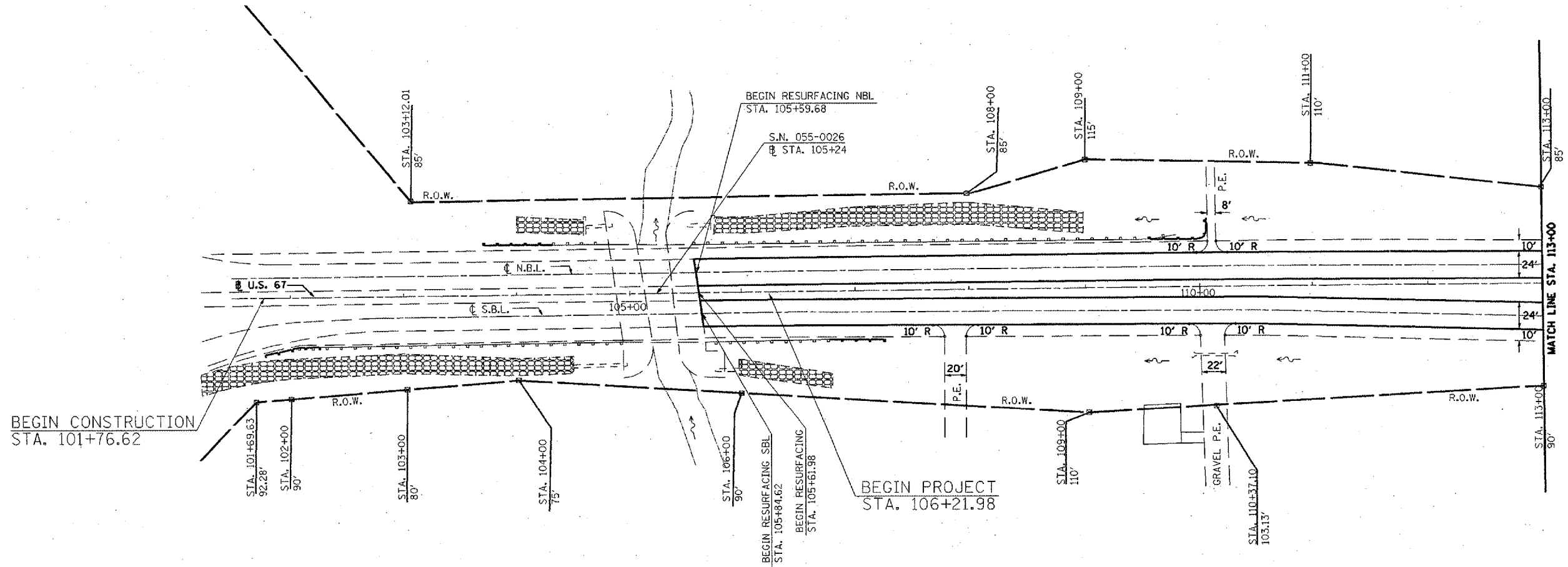


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**EXISTING & REMOVAL
 PLAN SHEET**
 STA. 291+00 TO 299+13.33
 VERT. SCALE: 1" = 50'
 HORIZ. SCALE: 1" = 50'
 DATE: **DATE**
 DRAWN BY: CADD
 CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	41
STA. 101+69.63		TO STA. 113+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

T7N R2W 4th PM (WALNUT GROVE TWP.)
SECTION 31



T7N R3W 4th PM (SCIOTA TWP.)
SECTION 36

- | EXISTING LEGEND | | PROPOSED LEGEND | |
|-----------------|------------------------|-----------------|--------------------------|
| | CONCRETE REVETMENT MAT | | GUARDRAIL |
| | R.O.W. MARKER | | DITCH CHECK |
| | SUMMIT | | END SECTION REPLACEMENT |
| | EXIST. DITCH CHECK | | PIPE CULVERT REPLACEMENT |
| | PAVED DITCH | | DITCH GRADING |
| | EXIST. GUARDRAIL | | INLET PROTECTION |
| | | | RIPRAP A-5 |
| | | | AGGREGATE DITCH |



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE		

PROPOSED PLAN SHEET
STA. 101+69.63 TO 113+00

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

DRAWN BY CADD
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	42
STA. 113+00 TO STA. 128+00				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

T7N R2W 4th P.M. (WALNUT GROVE TWP.)
SECTION 31



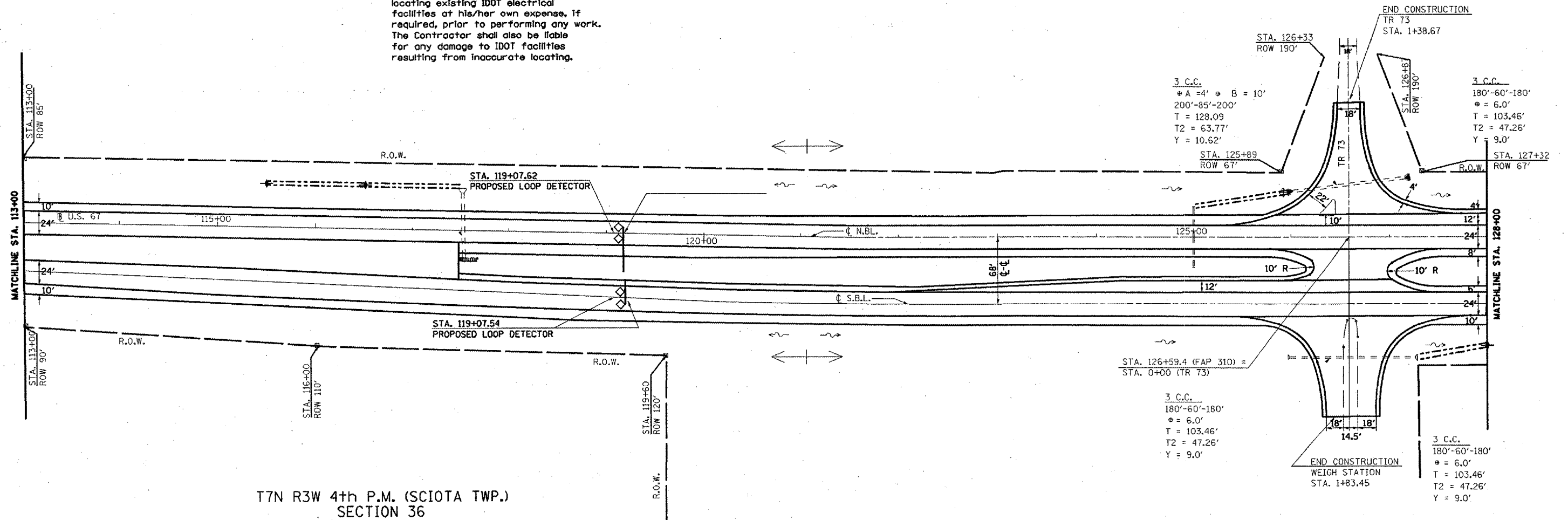
DETECTOR LOOP, SPECIAL

All detector loops shall be placed back into their original locations.

The proposed detector loops shall be cut in the milled surface or binder course before the final overlay.

All loop risers affected by the milling operations shall be reflected through the new surface and all loop risers shall be chipped out and filled with epoxy. This work is included in the Detector Loop, Special pay item.

The Contractor shall be responsible for locating existing IDOT electrical facilities at his/her own expense, if required, prior to performing any work. The Contractor shall also be liable for any damage to IDOT facilities resulting from inaccurate locating.



T7N R3W 4th P.M. (SCIOTA TWP.)
SECTION 36

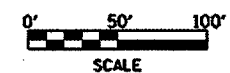
EXISTING LEGEND

- CONCRETE REVETMENT MAT
- R.O.W. MARKER
- SUMMIT
- EXIST. DITCH CHECK
- PAVED DITCH
- EXIST. GUARDRAIL

PROPOSED LEGEND

- GUARDRAIL
- DITCH CHECK
- END SECTION REPLACEMENT
- PIPE CULVERT REPLACEMENT
- DITCH GRADING
- INLET PROTECTION
- RIPRAP A-5
- AGGREGATE DITCH

NOTE: MEDIAN CROSSOVER AND SIDE ROAD PAVEMENT TO BE TREATED THE SAME AS THE TURN LANE PAVEMENT.

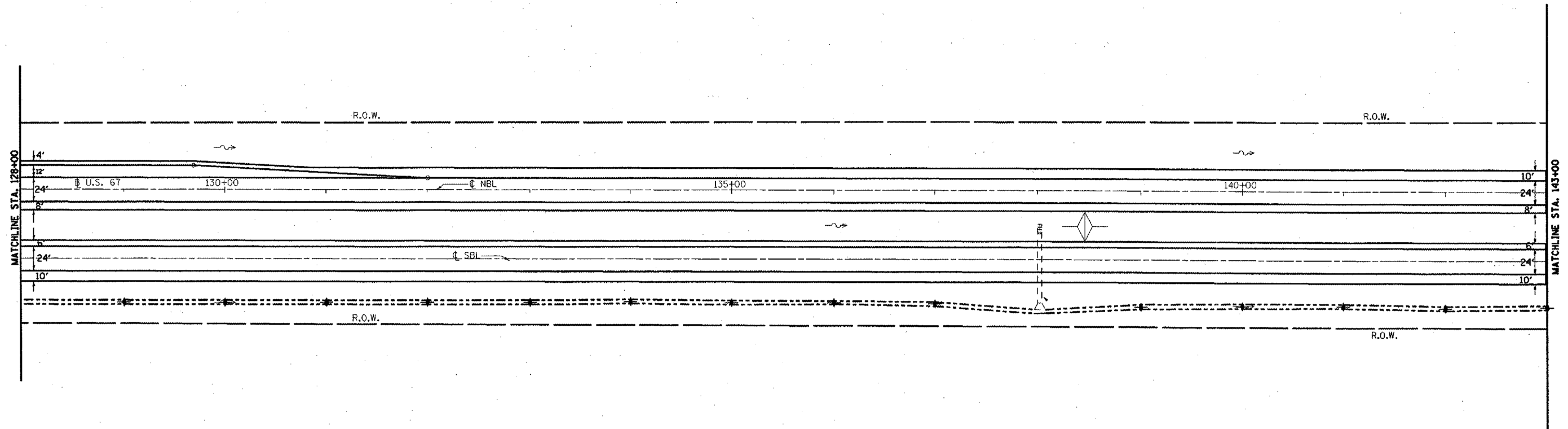
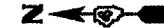


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED PLAN SHEET
 STA. 113+00 TO 128+00
 SCALE: VERT. 1" = 50'
 HORIZ. DATE \$\$DATE\$\$
 DRAWN BY CADD
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	43
STA. 128+00		TO STA. 143+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 6



STATE OF ILLINOIS

T6N R3W 4th P.M. (EMMET TWP.)
SECTION 1

EXISTING LEGEND

- CONCRETE REVETMENT MAT
- R.O.W. MARKER
- SUMMIT
- EXIST. DITCH CHECK
- PAVED DITCH
- EXIST. GUARDRAIL

PROPOSED LEGEND

- GUARDRAIL
- DITCH CHECK
- END SECTION REPLACEMENT
- PIPE CULVERT REPLACEMENT
- DITCH GRADING
- INLET PROTECTION
- RIPRAP A-5
- AGGREGATE DITCH



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED PLAN SHEET
STA. 128+00 TO 143+00

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

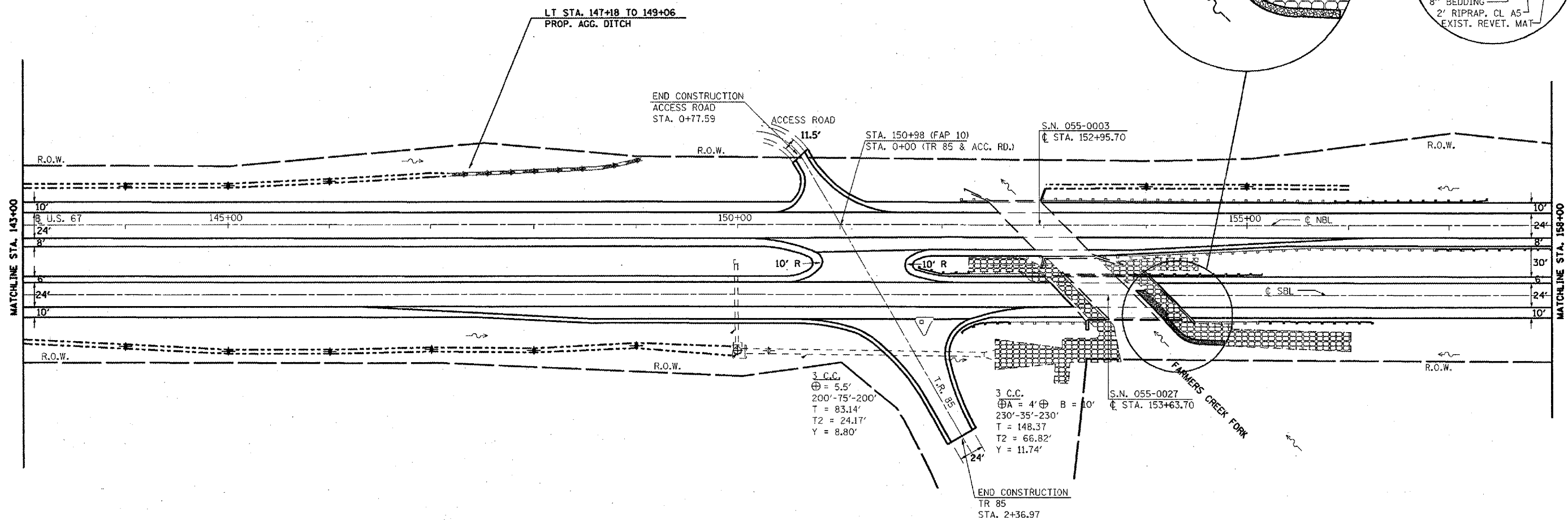
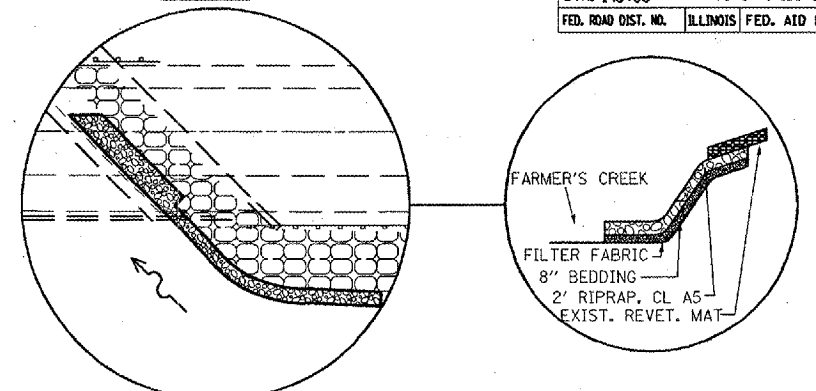
DRAWN BY CADD
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	44
STA. 143+00		TO STA. 158+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 6

PLAN VIEW



T6N R3W 4th P.M. (EMMET TWP.)
SECTION 1

EXISTING LEGEND

- CONCRETE REVETMENT MAT
- R.O.W. MARKER
- SUMMIT
- EXIST. DITCH CHECK
- PAVED DITCH
- EXIST. GUARDRAIL

PROPOSED LEGEND

- GUARDRAIL
- DITCH CHECK
- END SECTION REPLACEMENT
- PIPE CULVERT REPLACEMENT
- DITCH GRADING
- INLET PROTECTION
- RIPRAP A-5
- AGGREGATE DITCH

NOTE: MEDIAN CROSSOVER AND SIDE ROAD PAVEMENT TO BE TREATED THE SAME AS THE TURN LANE PAVEMENT.



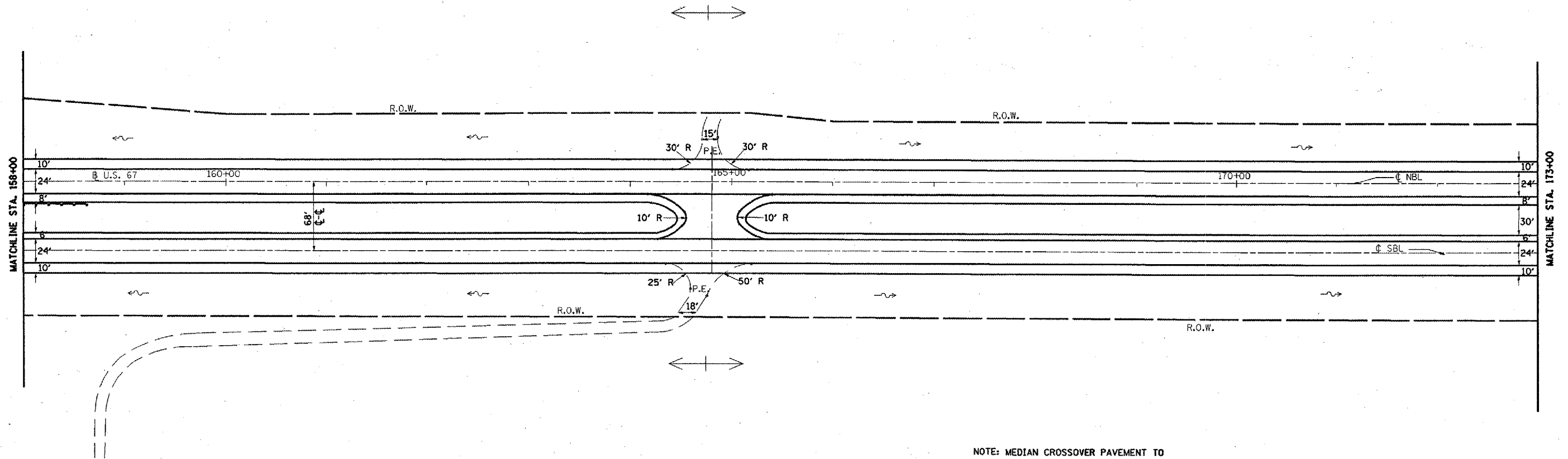
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED PLAN SHEET
STA. 143+00 TO 158+00

SCALE: VERT. 1" = 50'
HORIZ. 1" = 100'
DATE: ##/##/## DRAWN BY: CADD
CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	45
STA. 158+00 TO STA. 173+00				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

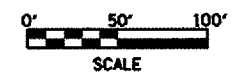
T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 6



NOTE: MEDIAN CROSSOVER PAVEMENT TO BE TREATED THE SAME AS THE SHOULDER PAVEMENT.

T6N R3W 4th P.M. (EMMET TWP.)
SECTION 1

EXISTING LEGEND	PROPOSED LEGEND
CONCRETE REVETMENT MAT	GUARDRAIL
R.O.W. MARKER	DITCH CHECK
SUMMIT	END SECTION REPLACEMENT
EXIST. DITCH CHECK	PIPE CULVERT REPLACEMENT
PAVED DITCH	DITCH GRADING
EXIST. GUARDRAIL	INLET PROTECTION
	RIPRAP A-5
	AGGREGATE DITCH



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED PLAN SHEET
 STA. 158+00 TO 173+00
 SCALE: VERT. 1" = 50'
 HORIZ. DATE **DATE**
 DRAWN BY CADD
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-D) RS	MCDONOUGH	83	46
STA. 173+00 TO STA. 188+00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

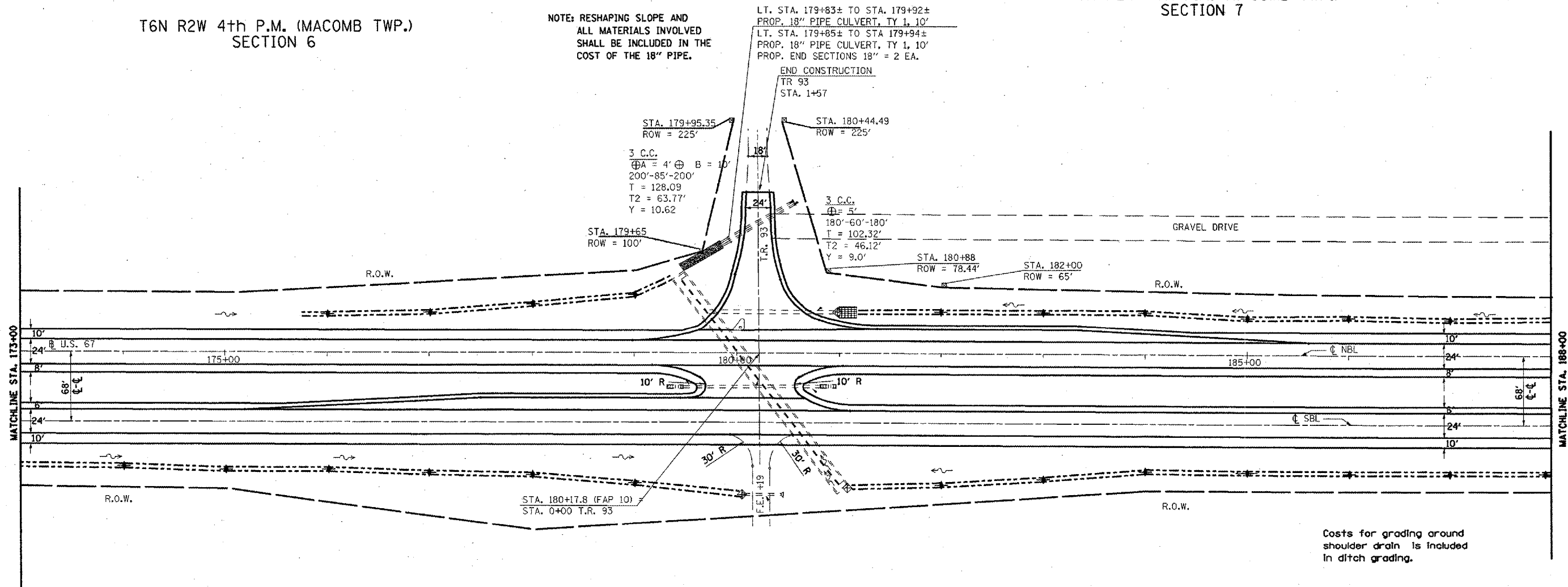
T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 6

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 7

NOTE: RESHAPING SLOPE AND ALL MATERIALS INVOLVED SHALL BE INCLUDED IN THE COST OF THE 18" PIPE.

LT. STA. 179+83± TO STA. 179+92±
PROP. 18" PIPE CULVERT, TY 1, 10'
LT. STA. 179+85± TO STA 179+94±
PROP. 18" PIPE CULVERT, TY 1, 10'
PROP. END SECTIONS 18" = 2 EA.

END CONSTRUCTION
TR 93
STA. 1+57

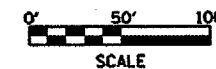


T6N R3W 4th P.M. (EMMET TWP.)
SECTION 1

NOTE: MEDIAN CROSSOVER AND SIDE ROAD PAVEMENT TO BE TREATED THE SAME AS THE TURN LANE PAVEMENT.

T6N R3W 4th P.M. (EMMET TWP.)
SECTION 12

EXISTING LEGEND	PROPOSED LEGEND
CONCRETE REVETMENT MAT	GUARDRAIL
R.O.W. MARKER	DITCH CHECK
SUMMIT	END SECTION REPLACEMENT
EXIST. DITCH CHECK	PIPE CULVERT REPLACEMENT
PAVED DITCH	DITCH GRADING
EXIST. GUARDRAIL	INLET PROTECTION
	RIPRAP A-5
	AGGREGATE DITCH



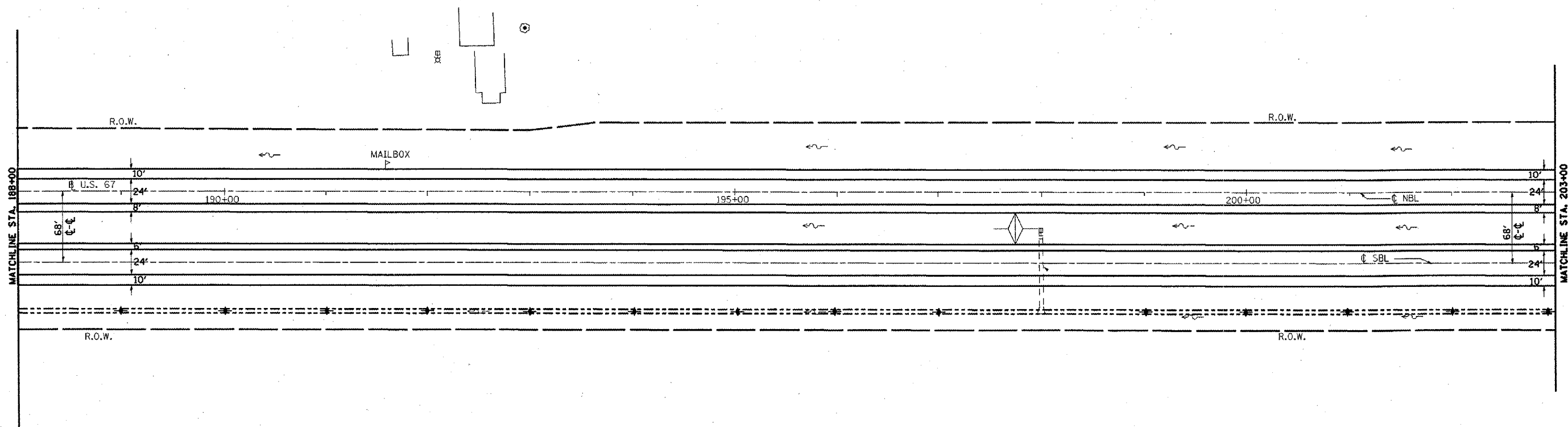
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED PLAN SHEET
STA. 173+00 TO 188+00

SCALE: VERT. 1" = 50'
HORIZ. 1" = 100'
DATE ##DATE## DRAWN BY CADD
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	038-D RS	MCDONOUGH	83	47
STA. 188+00		TO STA. 203+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 7



T6N R3W 4th P.M. (EMMET TWP.)
SECTION 12

EXISTING LEGEND

- CONCRETE REVETMENT MAT
- R.O.W. MARKER
- SUMMIT
- EXIST. DITCH CHECK
- PAVED DITCH
- EXIST. GUARDRAIL

PROPOSED LEGEND

- GUARDRAIL
- DITCH CHECK
- END SECTION REPLACEMENT
- PIPE CULVERT REPLACEMENT
- DITCH GRADING
- INLET PROTECTION
- RIPRAP A-5
- AGGREGATE DITCH

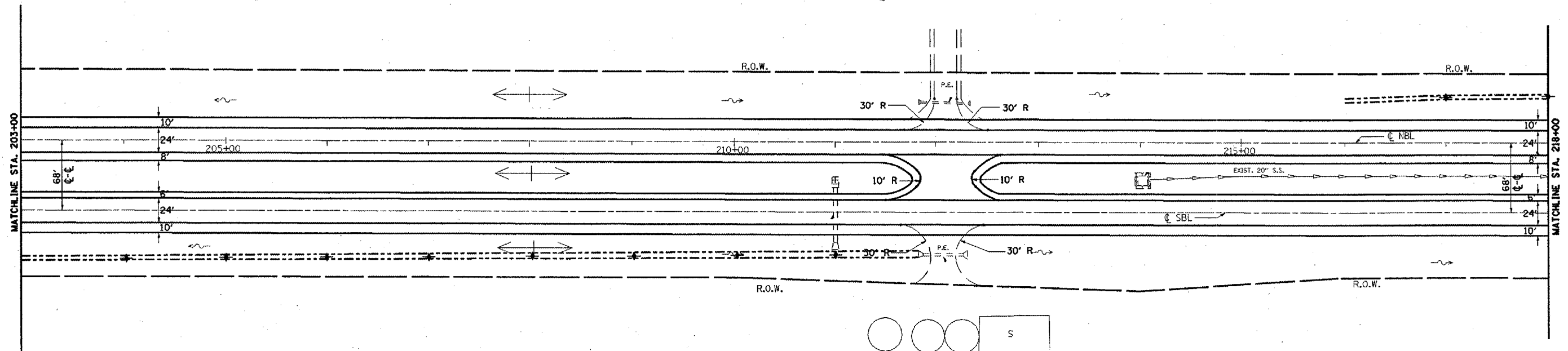


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED PLAN SHEET
 STA. 188+00 TO 203+00
 SCALE: VERT. 1" = 50'
 HORIZ. 1" = 50'
 DATE **DATE**
 DRAWN BY CADD
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	38-D RS	MCCONOUGH	83	48
STA. 203+00 TO STA. 218+00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 7



T6N R3W 4th P.M. (EMMET TWP.)
SECTION 12

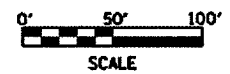
NOTE: MEDIAN CROSSOVER PAVEMENT TO BE TREATED THE SAME AS THE SHOULDER PAVEMENT.

EXISTING LEGEND

- CONCRETE REVETMENT MAT
- R.O.W. MARKER
- SUMMIT
- EXIST. DITCH CHECK
- PAVED DITCH
- EXIST. GUARDRAIL

PROPOSED LEGEND

- GUARDRAIL
- DITCH CHECK
- END SECTION REPLACEMENT
- PIPE CULVERT REPLACEMENT
- DITCH GRADING
- INLET PROTECTION
- RIPRAP A-5
- AGGREGATE DITCH



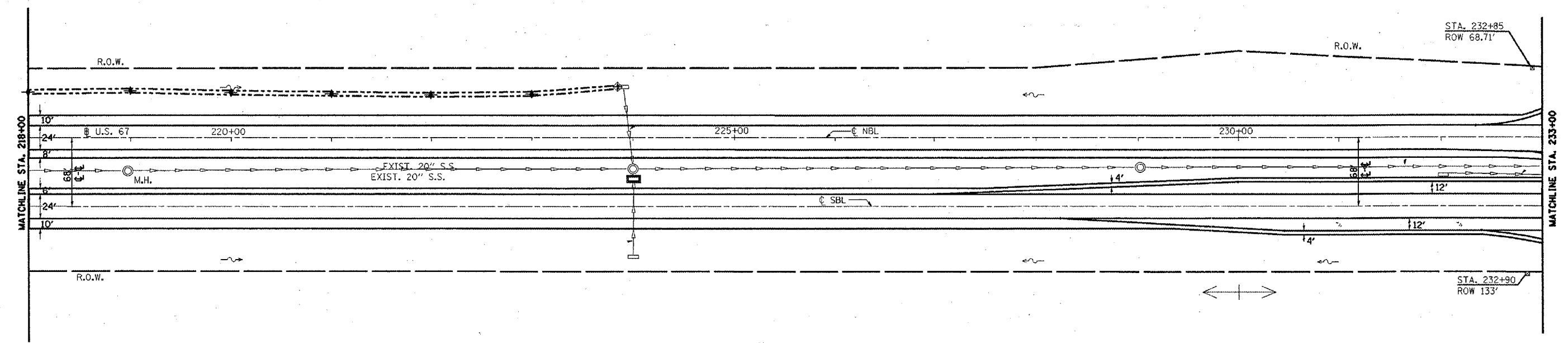
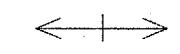
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED PLAN SHEET
STA. 203+00 TO 218+00

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	49
STA. 218+00		TO STA. 233+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 7



NOTE: THERE IS A DRAINAGE STRUCTURE @ STA. 219+00 THAT WAS NOT SHOWN ON OLD PLANS, THERE IS REVETMENT MAT AROUND STRUCTURE.

T6N R3W 4th P.M. (EMMET TWP.)
SECTION 12

EXISTING LEGEND

- CONCRETE REVETMENT MAT
- R.O.W. MARKER
- SUMMIT
- EXIST. DITCH CHECK
- PAVED DITCH
- EXIST. GUARDRAIL

PROPOSED LEGEND

- GUARDRAIL
- DITCH CHECK
- END SECTION REPLACEMENT
- PIPE CULVERT REPLACEMENT
- DITCH GRADING
- INLET PROTECTION
- RIPRAP A-5
- AGGREGATE DITCH



REVISIONS	
NAME	DATE

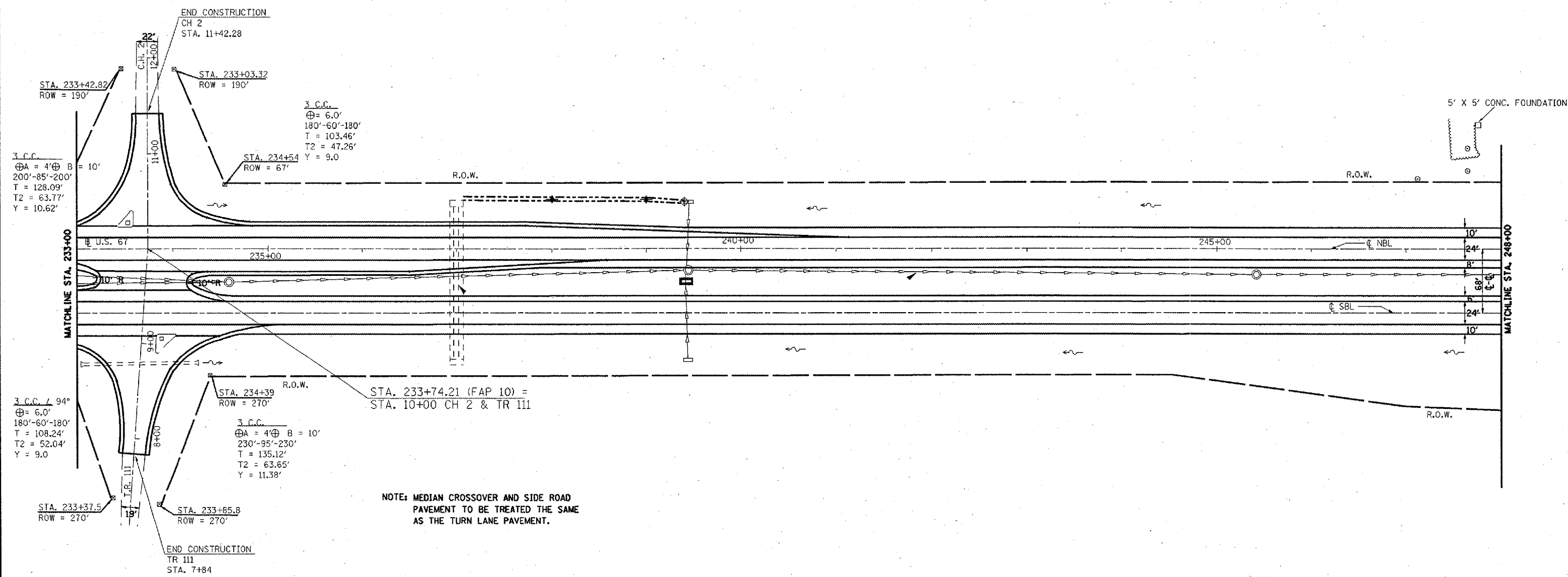
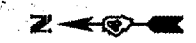
ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED PLAN SHEET
STA. 218+00 TO 233+00

SCALE: VERT. 1" = 50'
HORIZ. 1" = 100'
DATE ##DATE##

DRAWN BY CADD
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	50
STA. 233+00 TO STA. 248+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

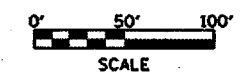
T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 18



NOTE: MEDIAN CROSSOVER AND SIDE ROAD PAVEMENT TO BE TREATED THE SAME AS THE TURN LANE PAVEMENT.

T6N R3W 4th P.M. (EMMET TWP.)
SECTION 13

- | EXISTING LEGEND | | PROPOSED LEGEND | |
|-----------------|------------------------|-----------------|--------------------------|
| | CONCRETE REVETMENT MAT | | GUARDRAIL |
| | R.O.W. MARKER | | DITCH CHECK |
| | SUMMIT | | END SECTION REPLACEMENT |
| | EXIST. DITCH CHECK | | PIPE CULVERT REPLACEMENT |
| | PAVED DITCH | | DITCH GRADING |
| | EXIST. GUARDRAIL | | INLET PROTECTION |
| | | | RIPRAP A-5 |
| | | | AGGREGATE DITCH |

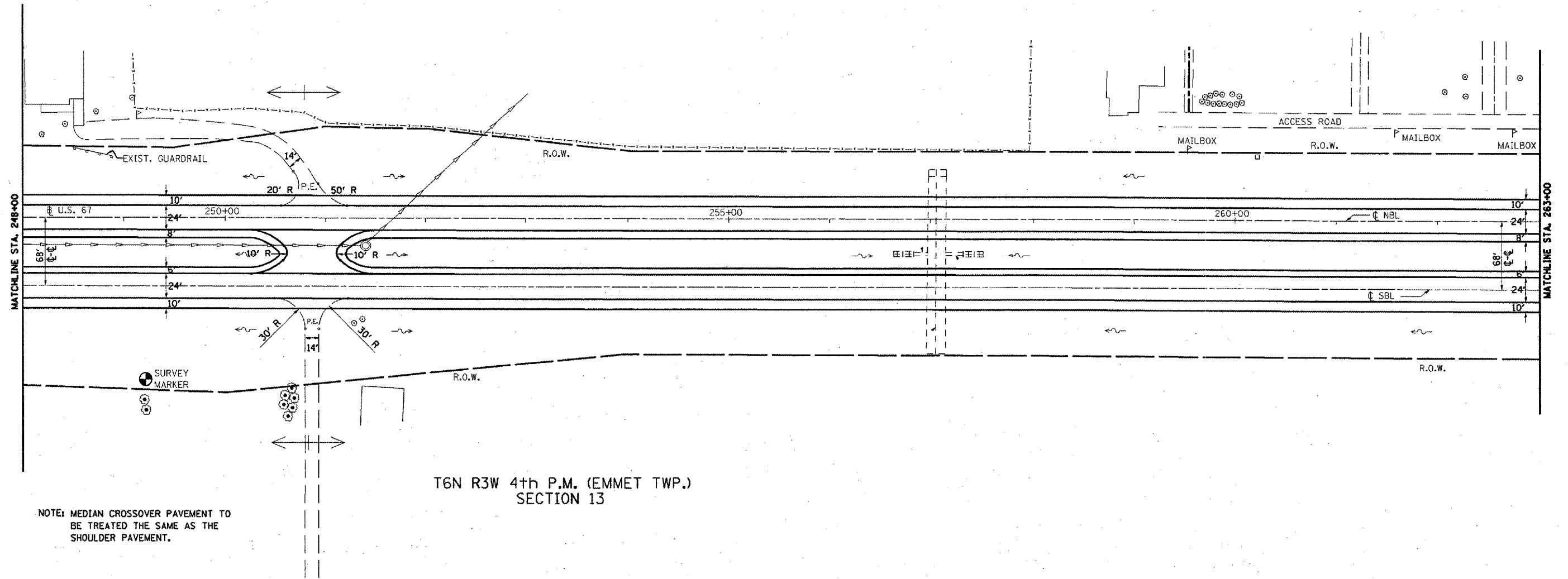
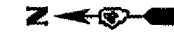


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED PLAN SHEET
 STA. 233+00 TO 248+00
 SCALE: VERT. 1" = 50'
 HORIZ. 1" = 50'
 DATE ##DATE##
 DRAWN BY CADD
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	51
STA. 248+00		TO STA. 263+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 18



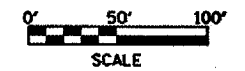
NOTE: MEDIAN CROSSOVER PAVEMENT TO BE TREATED THE SAME AS THE SHOULDER PAVEMENT.

EXISTING LEGEND

- CONCRETE REVETMENT MAT
- R.O.W. MARKER
- SUMMIT
- EXIST. DITCH CHECK
- PAVED DITCH
- EXIST. GUARDRAIL

PROPOSED LEGEND

- GUARDRAIL
- DITCH CHECK
- END SECTION REPLACEMENT
- PIPE CULVERT REPLACEMENT
- DITCH GRADING
- INLET PROTECTION
- RIPRAP A-5
- AGGREGATE DITCH



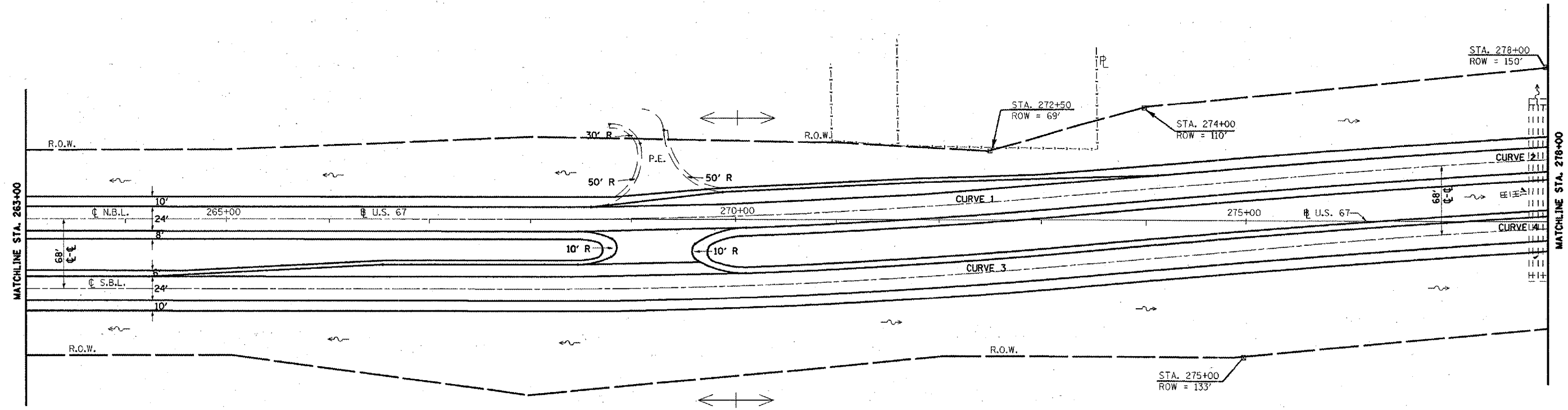
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED PLAN SHEET
STA. 248+00 TO 263+00

SCALE: VERT. 1" = 50'
HORIZ. 1" = 100'
DATE: **DATE**
DRAWN BY: CADD
CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	C38-D RS	MCDONOUGH	83	52
STA. 263+00		TO STA. 278+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

T6N R2W 4th P.M. (EMMET TWP.)
SECTION 18



T6N R3W 4th P.M. (EMMET TWP.)
SECTION 13

CURVE DATA - NBL

CURVE 1		CURVE 2	
PI = 270+54.46	T = 254.46'	PI = 278+26.18	T = 250.60'
Δ = 5° 05' 07.42"	PC = 268+00.00	Δ = 5° 00' 30.44"	PC = 275+75.58
D = 0° 59' 59.73"	PT = 273+08.58	D = 0° 59' 59.73"	PT = 280+76.46
L = 508.58'	SE = 0.033 FT/FT	L = 500.88'	SE = 0.033 FT/FT
R = 5730.00'		R = 2730.00'	
BEGIN SUPER @ 266+66.67		BEGIN SUPER @ 274+42.25	
BEGIN FULL SUPER @ 268+66.67		BEGIN FULL SUPER @ 276+42.25	
END FULL SUPER @ 272+41.91		END FULL SUPER @ 280+09.79	
END SUPER @ 274+41.91		END SUPER @ 282+09.79	

NOTE: MEDIAN CROSSOVER PAVEMENT TO BE TREATED THE SAME AS THE TURN LANE PAVEMENT.

CURVE DATA - SBL

CURVE 3		CURVE 4	
PI = 270+57.27	T = 257.48'	PI = 278+29.03	T = 247.63'
Δ = 5° 05' 07.42"	PC = 267+99.8	Δ = 5° 00' 30.44"	PC = 275+81.41
D = 0° 59' 17.52"	PT = 273+14.41	D = 1° 00' 42.97"	PT = 280+76.35
L = 514.61'	SE = 0.033 FT/FT	L = 494.94'	SE = 0.033 FT/FT
R = 5798.00'		R = 5662.00'	
BEGIN SUPER @ 266+66.47		BEGIN SUPER @ 274+48.08	
BEGIN FULL SUPER @ 268+66.47		BEGIN FULL SUPER @ 276+48.08	
END FULL SUPER @ 272+47.74		END FULL SUPER @ 280+09.68	
END SUPER @ 274+47.74		END SUPER @ 282+09.68	

EXISTING LEGEND

- CONCRETE REVETMENT MAT
- R.O.W. MARKER
- SUMMIT
- EXIST. DITCH CHECK
- PAVED DITCH
- EXIST. GUARDRAIL

PROPOSED LEGEND

- GUARDRAIL
- DITCH CHECK
- END SECTION REPLACEMENT
- PIPE CULVERT REPLACEMENT
- DITCH GRADING
- INLET PROTECTION
- RIPRAP A-5
- AGGREGATE DITCH



REVISIONS	
NAME	DATE

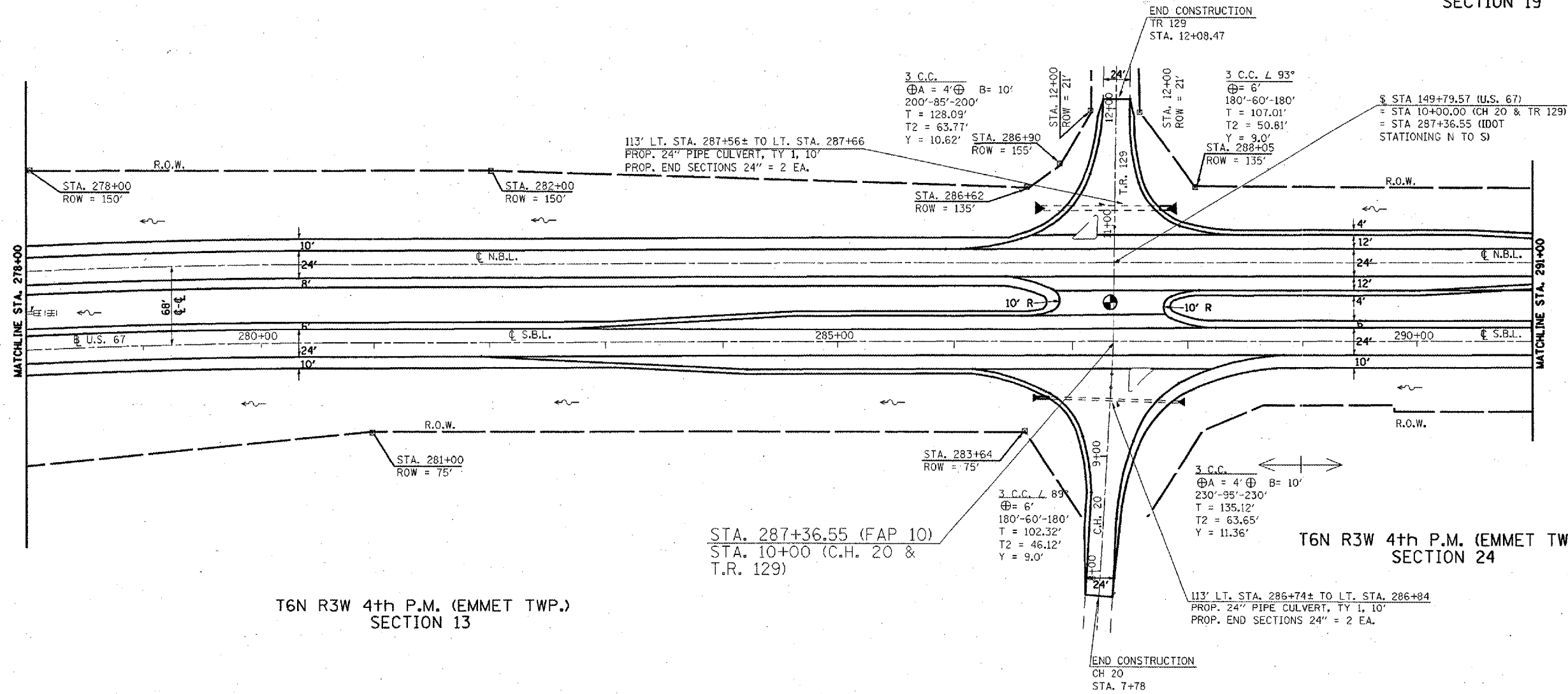
ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED PLAN SHEET
STA. 263+00 TO 278+00

SCALE: VERT. 1" = 50'
HORIZ. 1" = 100'
DATE ##DATE## DRAWN BY CADD
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	53
STA. 278+00 TO STA. 291+00				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 18

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 19



T6N R3W 4th P.M. (EMMET TWP.)
SECTION 13

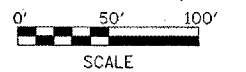
T6N R3W 4th P.M. (EMMET TWP.)
SECTION 24

NOTE: MEDIAN CROSSOVER AND SIDE ROAD PAVEMENT TO BE TREATED THE SAME AS THE TURN LANE PAVEMENT.

EXISTING LEGEND

PROPOSED LEGEND

- | | | | |
|--|------------------------|--|--------------------------|
| | CONCRETE REVETMENT MAT | | GUARDRAIL |
| | R.O.W. MARKER | | DITCH CHECK |
| | SUMMIT | | END SECTION REPLACEMENT |
| | EXIST. DITCH CHECK | | PIPE CULVERT REPLACEMENT |
| | PAVED DITCH | | DITCH GRADING |
| | EXIST. GUARDRAIL | | INLET PROTECTION |
| | | | RIPRAP A-5 |
| | | | AGGREGATE DITCH |



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

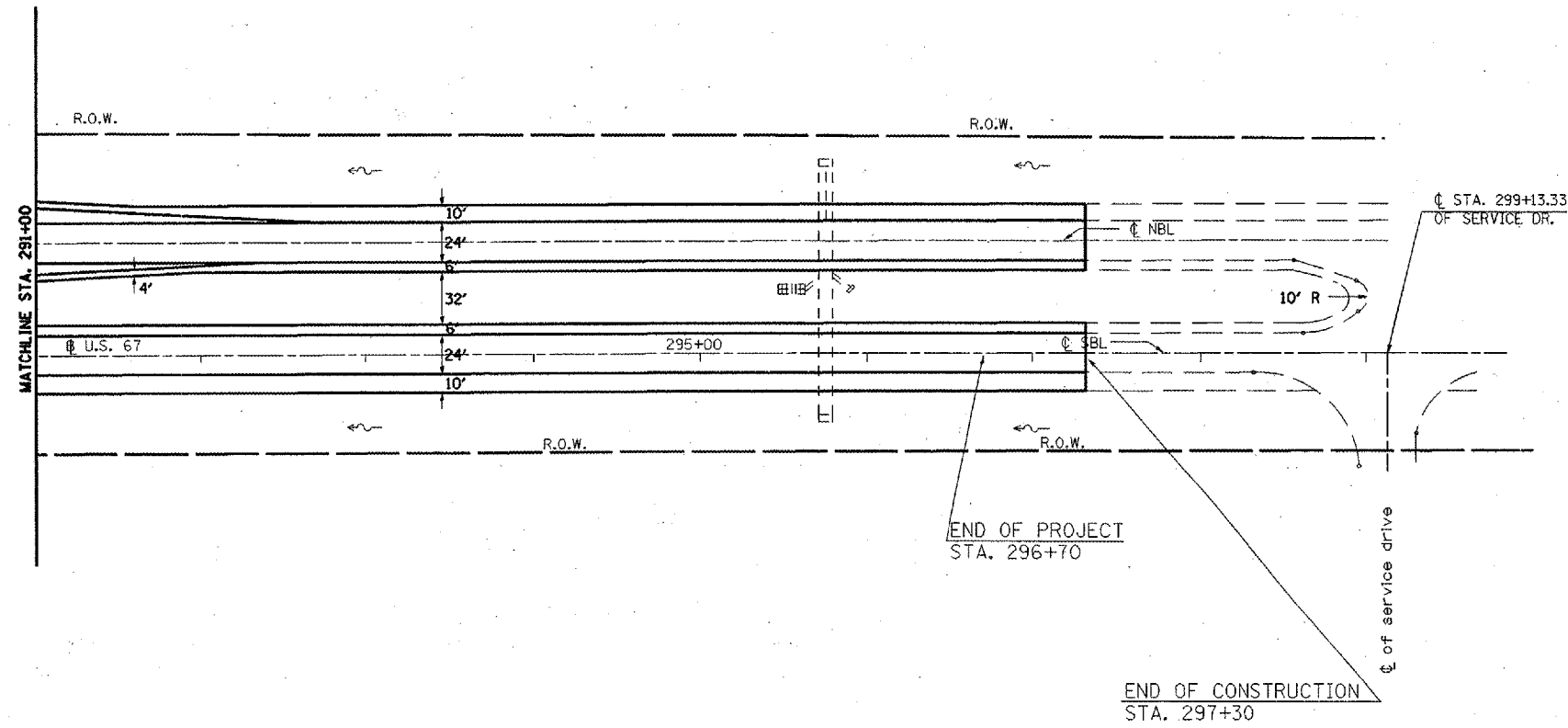
PROPOSED PLAN SHEET
STA. 278+00 TO 291+00

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

DRAWN BY CADD
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	54
STA. 291+00 TO STA. 299+13.33				
FED. RDWD DIST. NO.		ILLINOIS FED. AID PROJECT		

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 19



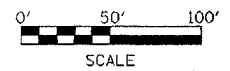
T6N R3W 4th P.M. (EMMET TWP.)
SECTION 24

EXISTING LEGEND

- CONCRETE REVETMENT MAT
- R.O.W. MARKER
- SUMMIT
- EXIST. DITCH CHECK
- PAVED DITCH
- EXIST. GUARDRAIL

PROPOSED LEGEND

- GUARDRAIL
- DITCH CHECK
- END SECTION REPLACEMENT
- PIPE CULVERT REPLACEMENT
- DITCH GRADING
- INLET PROTECTION
- RIPRAP A-5
- AGGREGATE DITCH



REVISIONS	
NAME	DATE

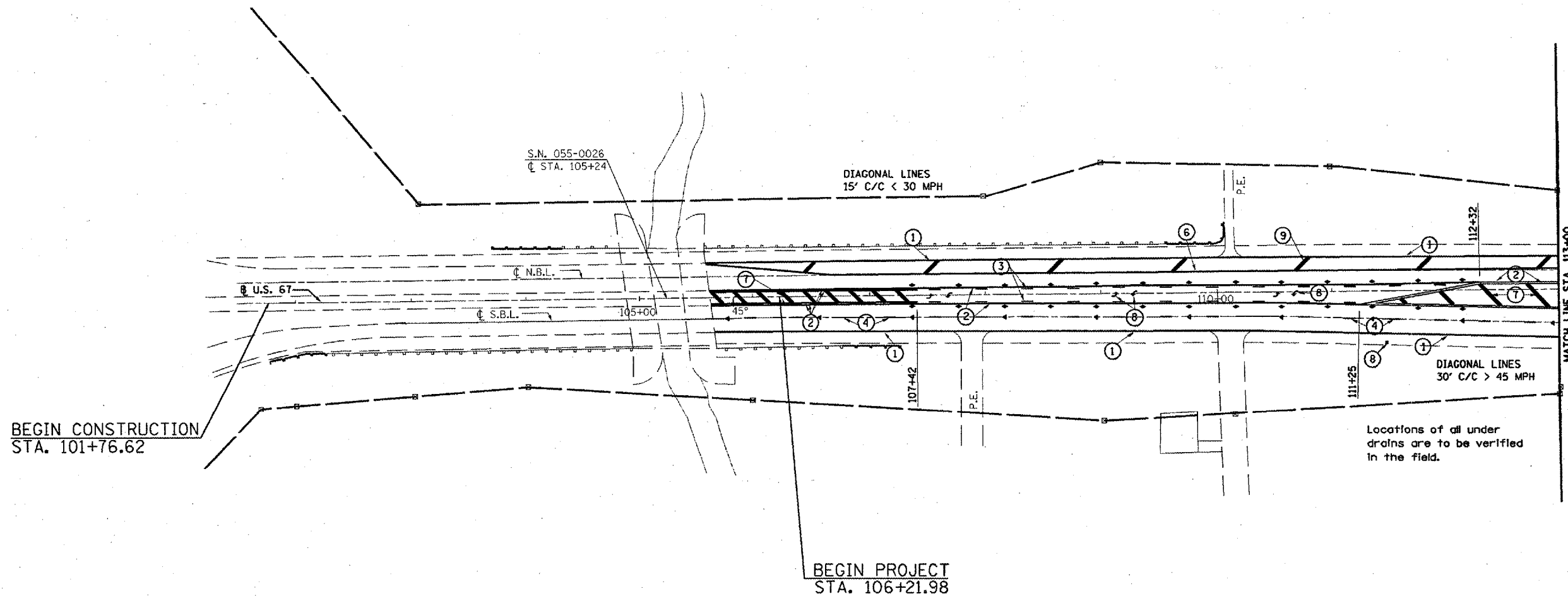
ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED PLAN SHEET
STA. 291+00 TO 299+13.33

SCALE: VERT. 1" = 50'
 HORIZ. 1" = 100'
 DATE **DATE**

DRAWN BY CADD
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	55
STA. 101+69.63		TO STA. 113+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

T7N R2W 4th PM (WALNUT GROVE TWP.)
SECTION 31



BEGIN CONSTRUCTION
STA. 101+76.62

BEGIN PROJECT
STA. 106+21.98

MATCH LINE STA. 113+00

PROPOSED PAVEMENT MARKING LEGEND

- ① 4" SOLID WHITE EPOXY
- ② 4" SOLID YELLOW EPOXY
- ③ 4" SKIP-DASH YELLOW EPOXY
- ④ 6" SKIP-DASH WHITE PREFORMED PLASTIC
- ⑤ 8" SOLID YELLOW EPOXY
- ⑥ 8" SOLID WHITE EPOXY
- ⑦ 12" SOLID YELLOW EPOXY
- ⑧ 15.6 SQ FT WHITE EPOXY
- ⑨ 12" SOLID WHITE EPOXY

RAISED PAVEMENT MARKERS

- ◆ AMBER 2-WAY
- ◀ AMBER 1-WAY
- ◁ CRYSTAL 1-WAY

T7N R3W 4th PM (SCIOTA TWP.)
SECTION 36

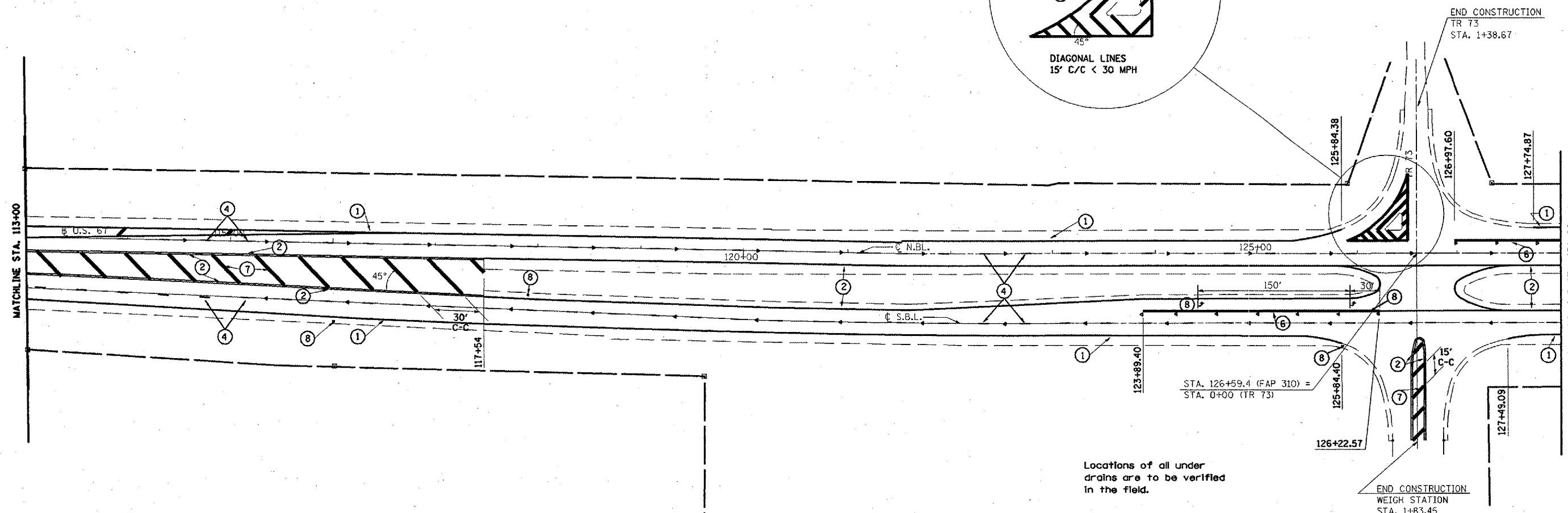
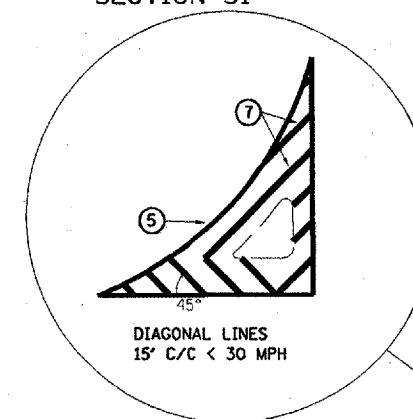


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
STA. 101+69.63 TO 113+00
SCALE: VERT. 1" = 50'
HORIZ. **DATE**
DRAWN BY CADD
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	56
STA. 113+00		TO STA. 128+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

T7N R2W 4th P.M. (WALNUT GROVE TWP.)
SECTION 31



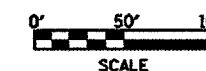
T7N R3W 4th P.M. (SCIOTA TWP.)
SECTION 36

PROPOSED PAVEMENT MARKING LEGEND

- ① 4" SOLID WHITE EPOXY
- ② 4" SOLID YELLOW EPOXY
- ③ 4" SKIP-DASH YELLOW EPOXY
- ④ 6" SKIP-DASH WHITE PREFORMED PLASTIC
- ⑤ 8" SOLID YELLOW EPOXY
- ⑥ 8" SOLID WHITE EPOXY
- ⑦ 12" SOLID YELLOW EPOXY
- ⑧ 15.6 SQ FT WHITE EPOXY
- ⑨ 12" SOLID WHITE EPOXY

RAISED PAVEMENT MARKERS

- ◆ AMBER 2-WAY
- ◀ AMBER 1-WAY
- ◁ CRYSTAL 1-WAY



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

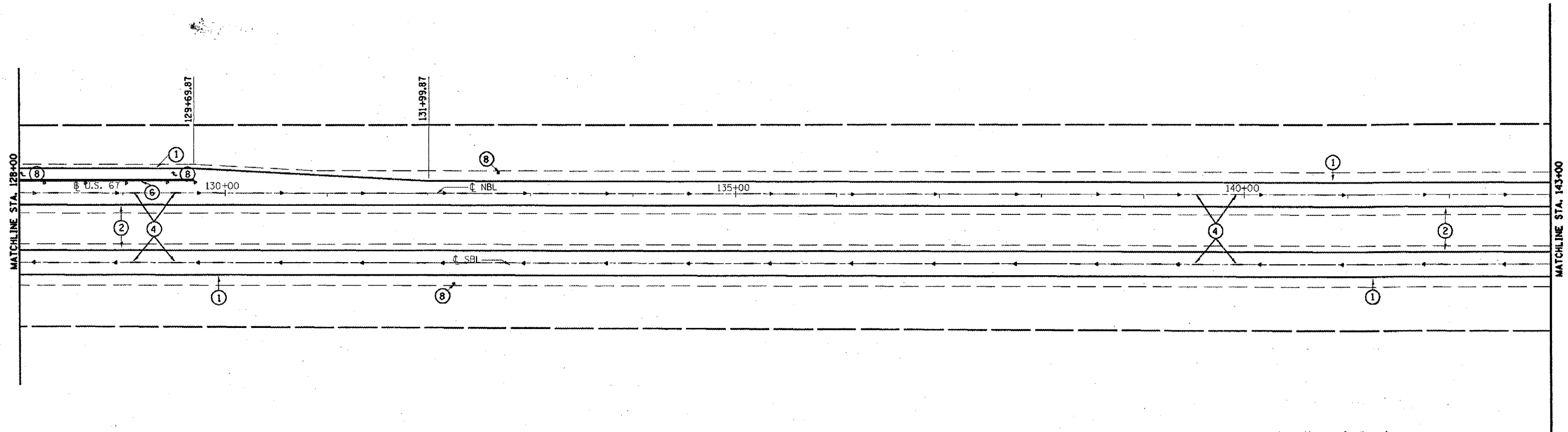
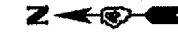
PAVEMENT MARKING
STA. 113+00 TO 128+00

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

DRAWN BY CADD
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	57
STA. 128+00		TO STA. 143+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 6



Locations of all under drains are to be verified in the field.

T6N R3W 4th P.M. (EMMET TWP.)
SECTION 1

PROPOSED PAVEMENT MARKING LEGEND

- ① 4" SOLID WHITE EPOXY
- ② 4" SOLID YELLOW EPOXY
- ③ 4" SKIP-DASH YELLOW EPOXY
- ④ 6" SKIP-DASH WHITE PREFORMED PLASTIC
- ⑤ 8" SOLID YELLOW EPOXY
- ⑥ 8" SOLID WHITE EPOXY
- ⑦ 12" SOLID YELLOW EPOXY
- ⑧ 15.6 SQ FT WHITE EPOXY
- ⑨ 12" SOLID WHITE EPOXY

RAISED PAVEMENT MARKERS

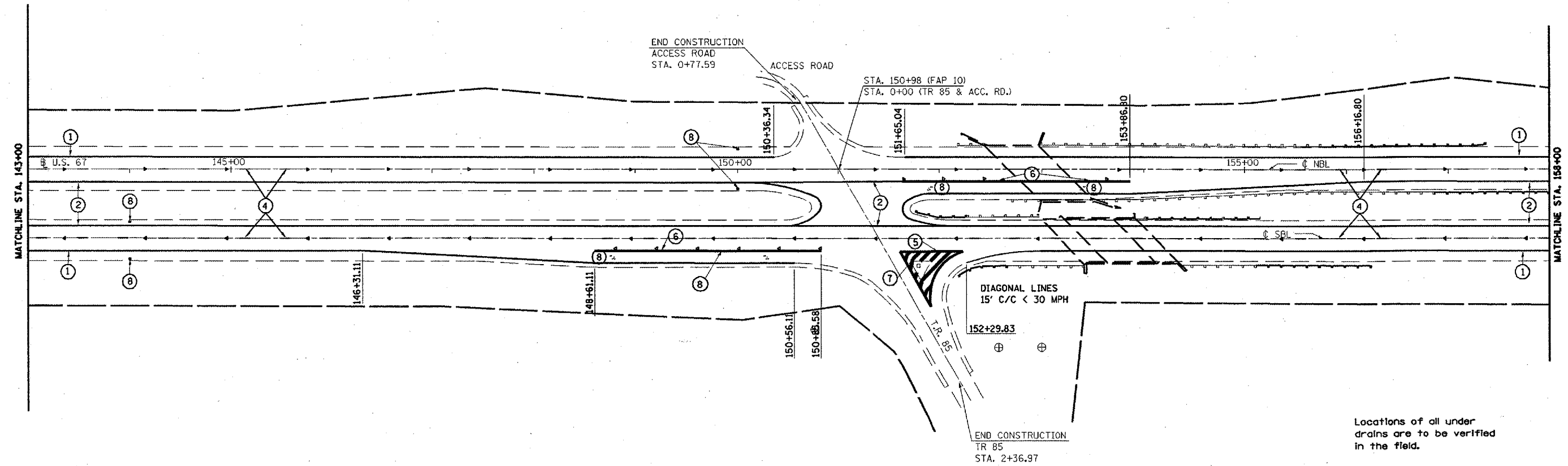
- ◆ AMBER 2-WAY
- ◀ AMBER 1-WAY
- ◁ CRYSTAL 1-WAY



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		PAVEMENT MARKING STA. 128+00 TO 143+00
SCALE: VERT. 1" = 50'		DRAWN BY CADD CHECKED BY
DATE **DATE**		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	58
STA. 143+00		TO STA. 158+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 6



T6N R3W 4th P.M. (EMMET TWP.)
SECTION 1

Locations of all under drains are to be verified in the field.

PROPOSED PAVEMENT MARKING LEGEND

- ① 4" SOLID WHITE EPOXY
- ② 4" SOLID YELLOW EPOXY
- ③ 4" SKIP-DASH YELLOW EPOXY
- ④ 6" SKIP-DASH WHITE PREFORMED PLASTIC
- ⑤ 8" SOLID YELLOW EPOXY
- ⑥ 8" SOLID WHITE EPOXY
- ⑦ 12" SOLID YELLOW EPOXY
- ⑧ 15.6 SQ FT WHITE EPOXY
- ⑨ 12" SOLID WHITE EPOXY

RAISED PAVEMENT MARKERS

- ◆ AMBER 2-WAY
- ◀ AMBER 1-WAY
- ◁ CRYSTAL 1-WAY



REVISIONS	
NAME	DATE

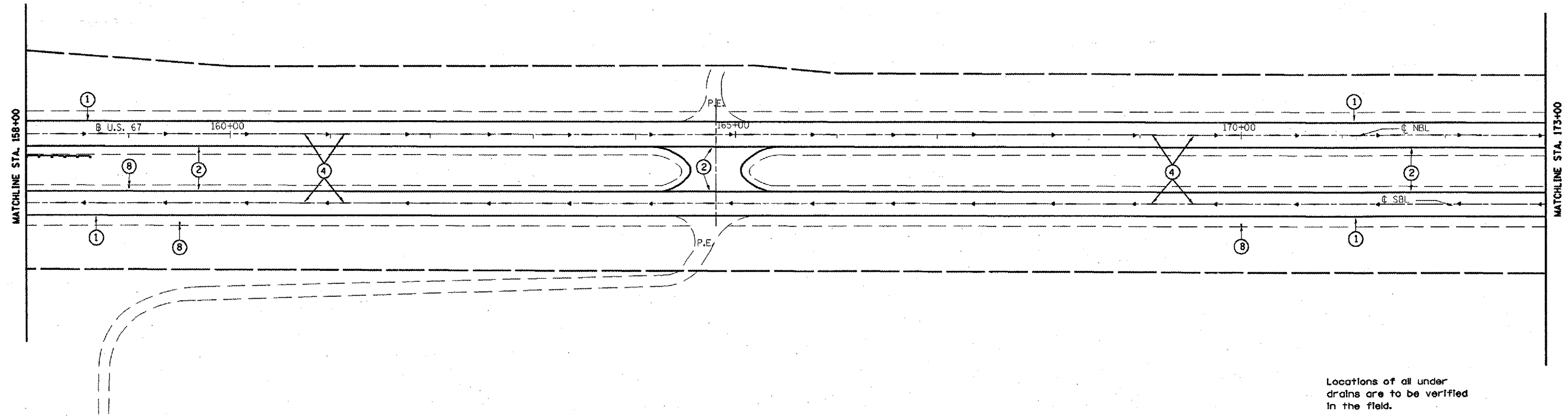
ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
STA. 143+00 TO 158+00

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

DRAWN BY CADD
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	59
STA. 158+00		TO STA. 173+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 6



Locations of all under drains are to be verified in the field.

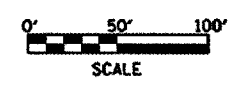
T6N R3W 4th P.M. (EMMET TWP.)
SECTION 1

PROPOSED PAVEMENT MARKING LEGEND

- ① 4" SOLID WHITE EPOXY
- ② 4" SOLID YELLOW EPOXY
- ③ 4" SKIP-DASH YELLOW EPOXY
- ④ 6" SKIP-DASH WHITE PREFORMED PLASTIC
- ⑤ 8" SOLID YELLOW EPOXY
- ⑥ 8" SOLID WHITE EPOXY
- ⑦ 12" SOLID YELLOW EPOXY
- ⑧ 15.6 SQ FT WHITE EPOXY
- ⑨ 12" SOLID WHITE EPOXY

RAISED PAVEMENT MARKERS

- ◆ AMBER 2-WAY
- ◀ AMBER 1-WAY
- ◁ CRYSTAL 1-WAY



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
STA. 158+00 TO 173+00

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

DATE **DATE**

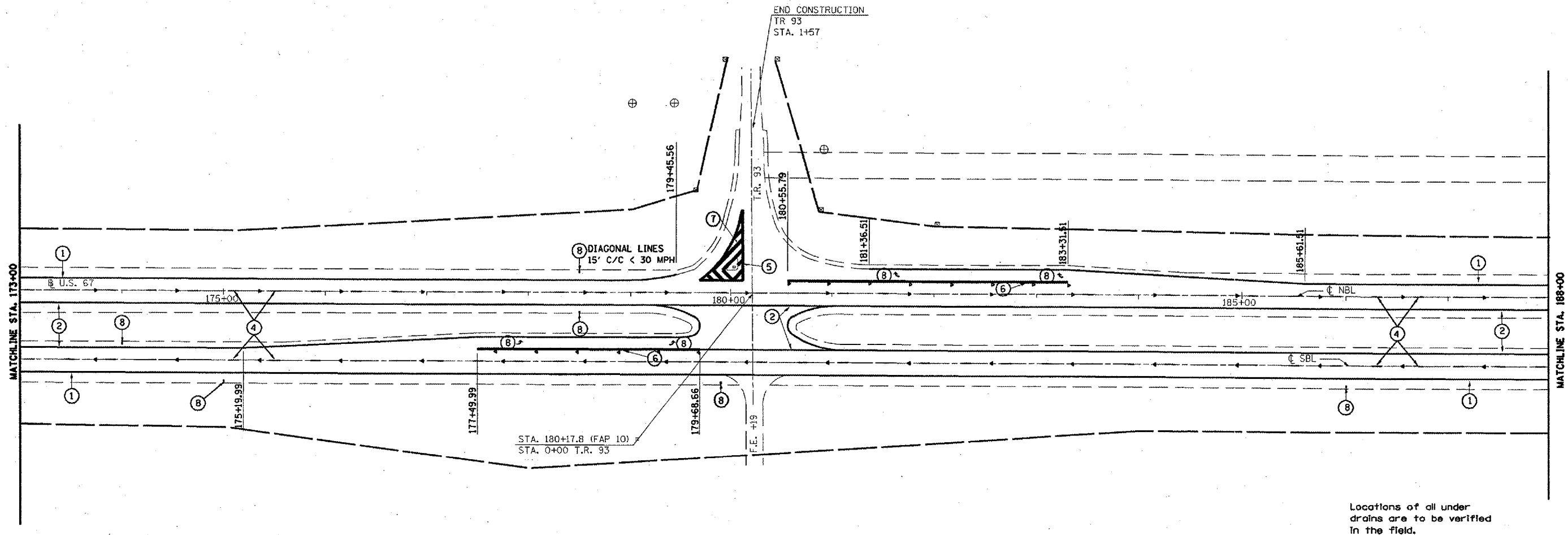
DRAWN BY CADD
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCCONOUGH	83	60
STA. 173+00		TO STA. 188+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 6

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 7



Locations of all under drains are to be verified in the field.

T6N R3W 4th P.M. (EMMET TWP.)
SECTION 1

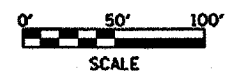
T6N R3W 4th P.M. (EMMET TWP.)
SECTION 12

PROPOSED PAVEMENT MARKING LEGEND

- ① 4" SOLID WHITE EPOXY
- ② 4" SOLID YELLOW EPOXY
- ③ 4" SKIP-DASH YELLOW EPOXY
- ④ 6" SKIP-DASH WHITE PREFORMED PLASTIC
- ⑤ 8" SOLID YELLOW EPOXY
- ⑥ 8" SOLID WHITE EPOXY
- ⑦ 12" SOLID YELLOW EPOXY
- ⑧ 15.6 SQ FT WHITE EPOXY
- ⑨ 12" SOLID WHITE EPOXY

RAISED PAVEMENT MARKERS

- ◆ AMBER 2-WAY
- ◀ AMBER 1-WAY
- ◁ CRYSTAL 1-WAY



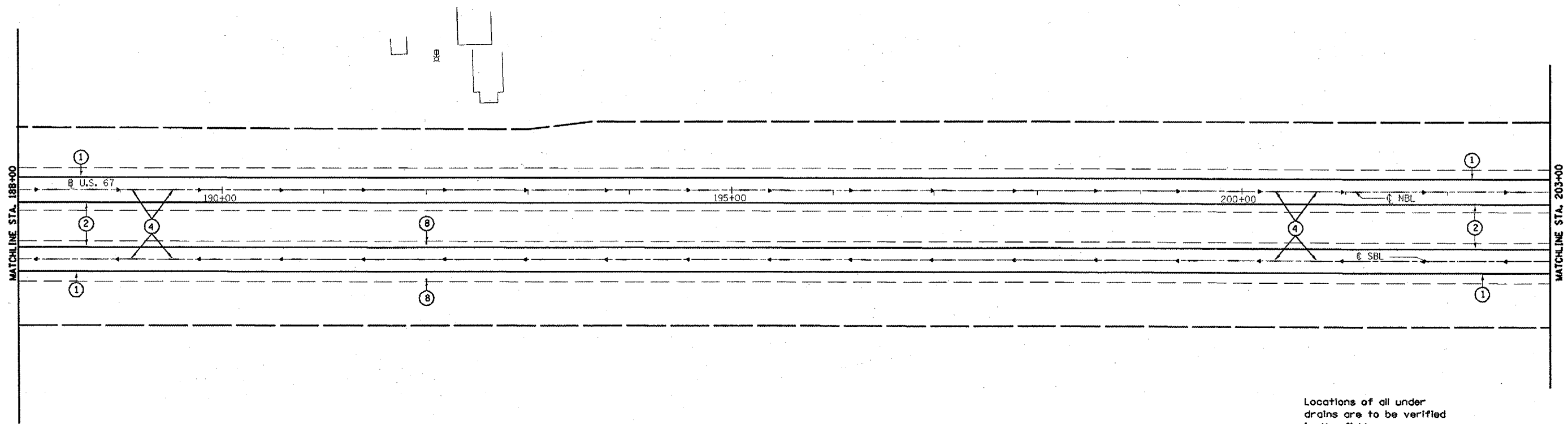
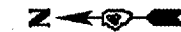
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
STA. 173+00 TO 188+00

SCALE: VERT. 1" = 50'
HORIZ. 1" = 100'
DATE ##DATE## DRAWN BY CADD
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-11 RS	MCDONOUGH	83	61
STA. 188+00		TO STA. 203+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 7



Locations of all under drains are to be verified in the field.

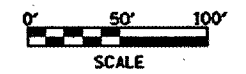
T6N R3W 4th P.M. (EMMET TWP.)
SECTION 12

PROPOSED PAVEMENT MARKING LEGEND

- ① 4" SOLID WHITE EPOXY
- ② 4" SOLID YELLOW EPOXY
- ③ 4" SKIP-DASH YELLOW EPOXY
- ④ 6" SKIP-DASH WHITE PREFORMED PLASTIC
- ⑤ 8" SOLID YELLOW EPOXY
- ⑥ 8" SOLID WHITE EPOXY
- ⑦ 12" SOLID YELLOW EPOXY
- ⑧ 15.6 SQ FT WHITE EPOXY
- ⑨ 12" SOLID WHITE EPOXY

RAISED PAVEMENT MARKERS

- ◆ AMBER 2-WAY
- ◀ AMBER 1-WAY
- ◁ CRYSTAL 1-WAY

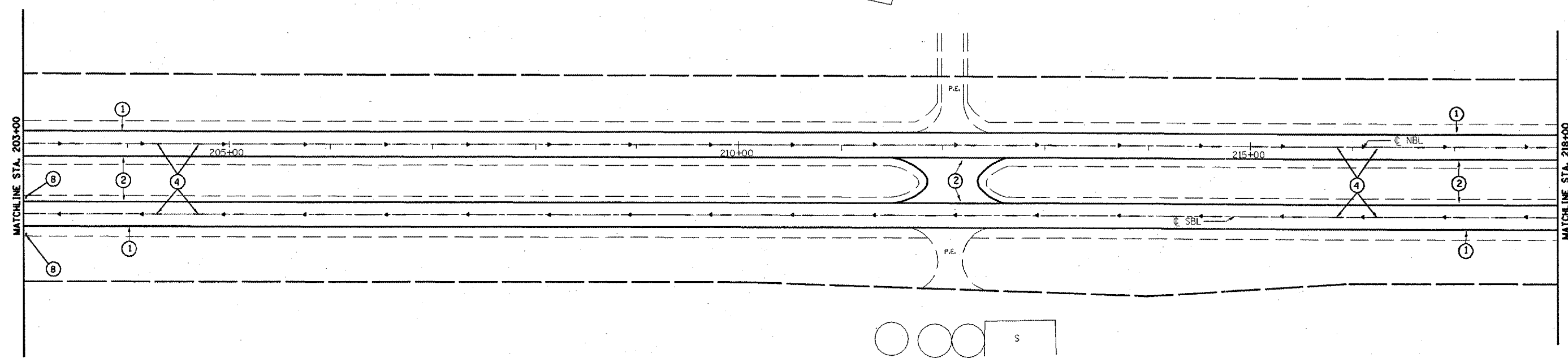


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
STA. 188+00 TO 203+00
SCALE: VERT. 1" = 50'
HORIZ. DATE ##DATE##
DRAWN BY CADD
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	62
STA. 203+00		TO STA. 218+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 7



Locations of all under drains are to be verified in the field.

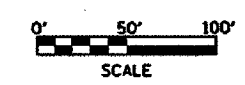
T6N R3W 4th P.M. (EMMET TWP.)
SECTION 12

PROPOSED PAVEMENT MARKING LEGEND

- ① 4" SOLID WHITE EPOXY
- ② 4" SOLID YELLOW EPOXY
- ③ 4" SKIP-DASH YELLOW EPOXY
- ④ 6" SKIP-DASH WHITE PREFORMED PLASTIC
- ⑤ 8" SOLID YELLOW EPOXY
- ⑥ 8" SOLID WHITE EPOXY
- ⑦ 12" SOLID YELLOW EPOXY
- ⑧ 15.6 SQ FT WHITE EPOXY
- ⑨ 12" SOLID WHITE EPOXY

RAISED PAVEMENT MARKERS

- ◆ AMBER 2-WAY
- ◀ AMBER 1-WAY
- ◁ CRYSTAL 1-WAY



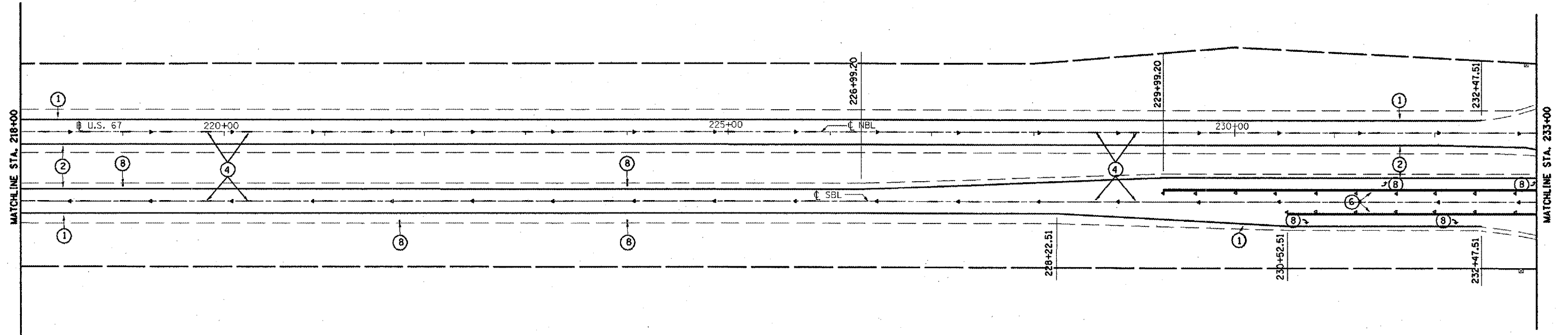
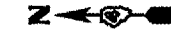
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
STA. 203+00 TO 218+00

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-D) RS	MCDONOUGH	83	63
STA. 218+00		TO STA. 233+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 7



Locations of all under drains are to be verified in the field.

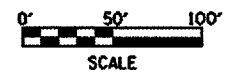
T6N R3W 4th P.M. (EMMET TWP.)
SECTION 12

PROPOSED PAVEMENT MARKING LEGEND

- ① 4" SOLID WHITE EPOXY
- ② 4" SOLID YELLOW EPOXY
- ③ 4" SKIP-DASH YELLOW EPOXY
- ④ 6" SKIP-DASH WHITE PREFORMED PLASTIC
- ⑤ 8" SOLID YELLOW EPOXY
- ⑥ 8" SOLID WHITE EPOXY
- ⑦ 12" SOLID YELLOW EPOXY
- ⑧ 15.6 SQ FT WHITE EPOXY
- ⑨ 12" SOLID WHITE EPOXY

RAISED PAVEMENT MARKERS

- ◆ AMBER 2-WAY
- ◀ AMBER 1-WAY
- ◁ CRYSTAL 1-WAY



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
STA. 218+00 TO 233+00

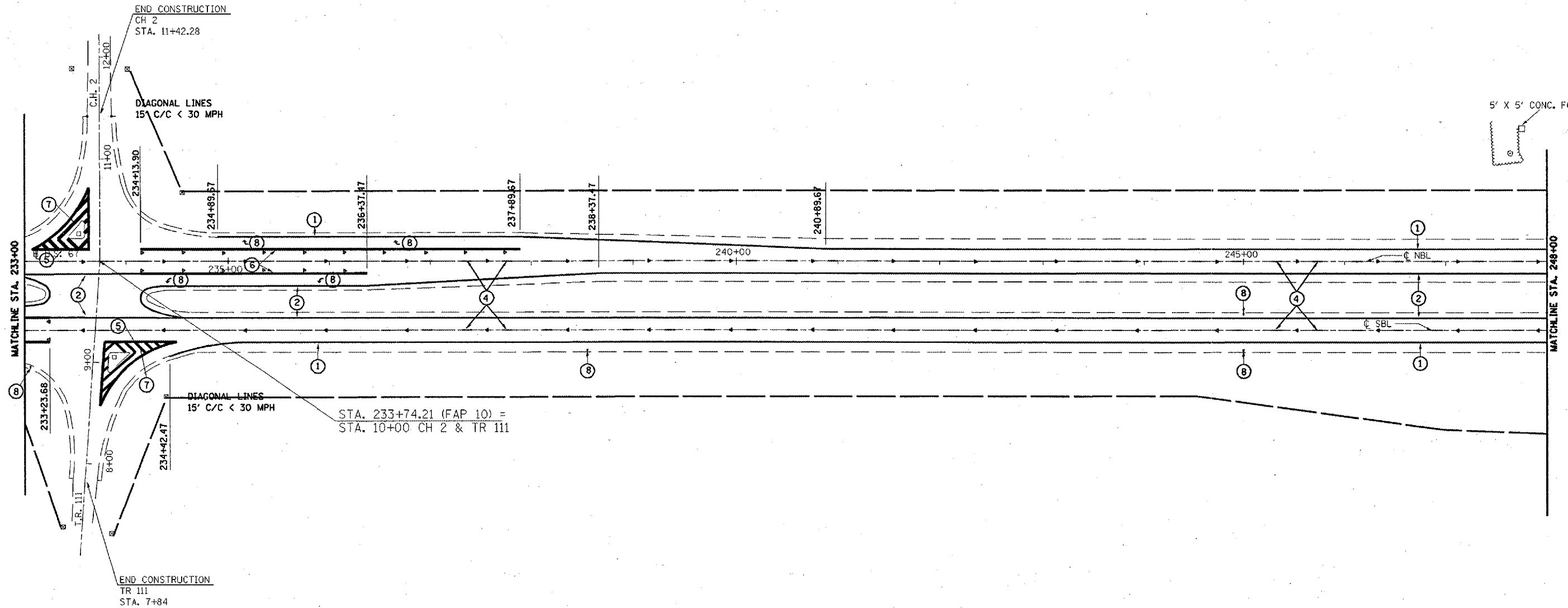
SCALE: VERT. 1" = 50'
HORIZ. 1" = 100'
DATE **DATE**

DRAWN BY CADD
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-D RS	MCDONOUGH	83	64
STA. 233+00		TO STA. 248+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 18



5' X 5' CONC. FOUNDATION

T6N R3W 4th P.M. (EMMET TWP.)
SECTION 13

PROPOSED PAVEMENT MARKING LEGEND

- ① 4" SOLID WHITE EPOXY
- ② 4" SOLID YELLOW EPOXY
- ③ 4" SKIP-DASH YELLOW EPOXY
- ④ 6" SKIP-DASH WHITE PREFORMED PLASTIC
- ⑤ 8" SOLID YELLOW EPOXY
- ⑥ 8" SOLID WHITE EPOXY
- ⑦ 12" SOLID YELLOW EPOXY
- ⑧ 15.6 SQ FT WHITE EPOXY
- ⑨ 12" SOLID WHITE EPOXY

RAISED PAVEMENT MARKERS

- ◆ AMBER 2-WAY
- ◀ AMBER 1-WAY
- ◁ CRYSTAL 1-WAY

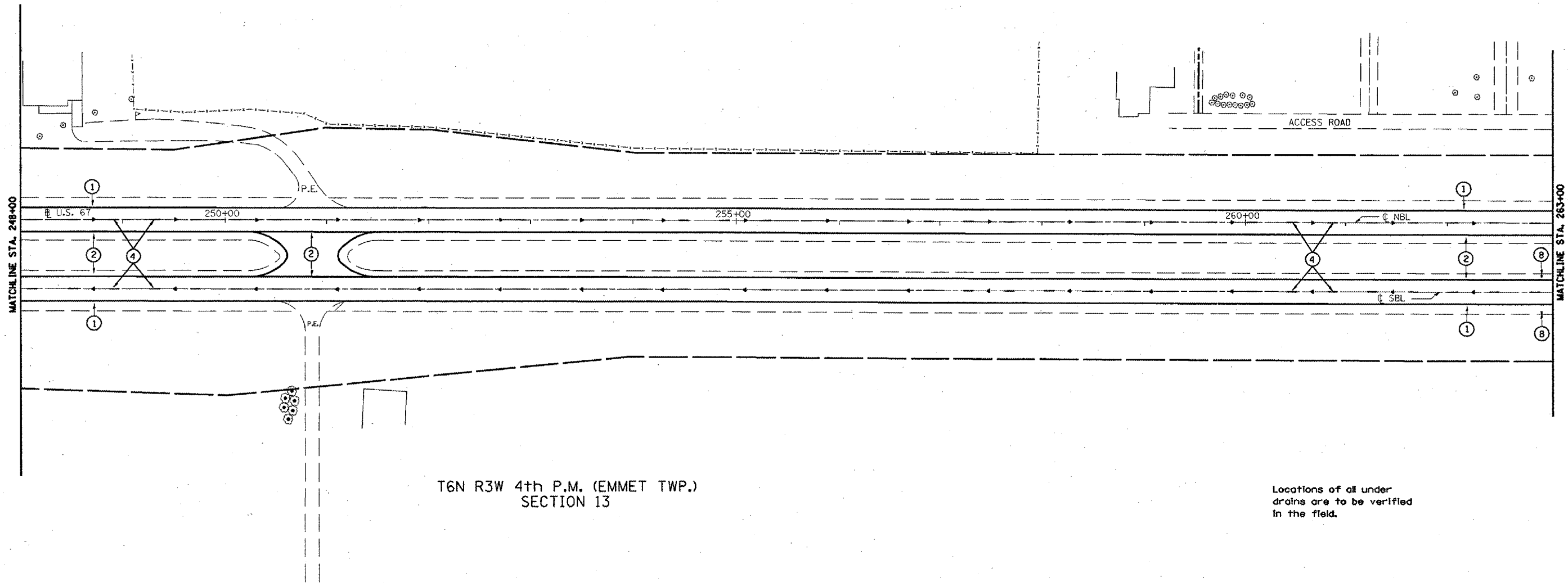


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
STA. 233+00 TO 248+00
SCALE: VERT. 1" = 50'
HORIZ. DATE **DATE**
DRAWN BY CADD
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	65
STA. 248+00		TO STA. 263+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 18



T6N R3W 4th P.M. (EMMET TWP.)
SECTION 13

Locations of all under drains are to be verified in the field.

PROPOSED PAVEMENT MARKING LEGEND

- ① 4" SOLID WHITE EPOXY
- ② 4" SOLID YELLOW EPOXY
- ③ 4" SKIP-DASH YELLOW EPOXY
- ④ 6" SKIP-DASH WHITE PREFORMED PLASTIC
- ⑤ 8" SOLID YELLOW EPOXY
- ⑥ 8" SOLID WHITE EPOXY
- ⑦ 12" SOLID YELLOW EPOXY
- ⑧ 15.6 SQ FT WHITE EPOXY
- ⑨ 12" SOLID WHITE EPOXY

RAISED PAVEMENT MARKERS

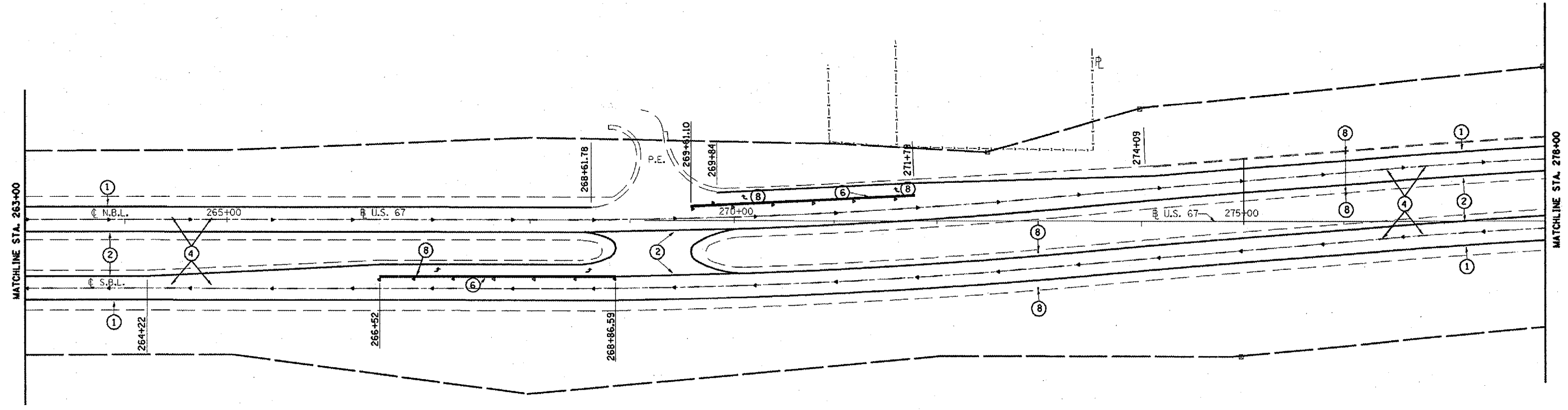
- ◆ AMBER 2-WAY
- ▲ AMBER 1-WAY
- ◁ CRYSTAL 1-WAY



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		PAVEMENT MARKING STA. 248+00 TO 263+00
SCALE: VERT. 1" = 50'		DRAWN BY CADD
DATE ##DATE##		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	C38-D RS	MCDONOUGH	83	66
STA. 263+00 TO STA. 278+00				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

T6N R2W 4th P.M. (EMMET TWP.)
SECTION 18



Locations of all under drains are to be verified in the field.

T6N R3W 4th P.M. (EMMET TWP.)
SECTION 13

CURVE DATA - NBL

CURVE 1		CURVE 2	
PI = 270+54.46	T = 254.46'	PI = 278+26.18	T = 250.60'
Δ = 5° 05' 07.42"	PC = 268+00.00	Δ = 5° 00' 30.44"	PC = 275+75.58
D = 0° 59' 59.73"	PT = 273+08.58	D = 0° 59' 59.73"	PT = 280+76.46
L = 508.58'	SE = 0.033 FT/FT	L = 500.88'	SE = 0.033 FT/FT
R = 5730.00'		R = 2730.00'	
BEGIN SUPER @ 266+66.67		BEGIN SUPER @ 274+42.25	
BEGIN FULL SUPER @ 268+66.67		BEGIN FULL SUPER @ 276+42.25	
END FULL SUPER @ 272+41.91		END FULL SUPER @ 280+09.79	
END SUPER @ 274+41.91		END SUPER @ 282+09.79	

CURVE DATA - SBL

CURVE 3		CURVE 4	
PI = 270+57.27	T = 257.48'	PI = 278+29.03	T = 247.63'
Δ = 5° 05' 07.42"	PC = 267+99.8	Δ = 5° 00' 30.44"	PC = 275+81.41
D = 0° 59' 17.52"	PT = 273+14.41	D = 1° 00' 42.97"	PT = 280+76.35
L = 514.61'	SE = 0.033 FT/FT	L = 494.94'	SE = 0.033 FT/FT
R = 5798.00'		R = 5662.00'	
BEGIN SUPER @ 266+66.47		BEGIN SUPER @ 274+48.08	
BEGIN FULL SUPER @ 268+66.47		BEGIN FULL SUPER @ 276+48.08	
END FULL SUPER @ 272+47.74		END FULL SUPER @ 280+09.68	
END SUPER @ 274+47.74		END SUPER @ 282+09.68	

PROPOSED PAVEMENT MARKING LEGEND

- ① 4" SOLID WHITE EPOXY
- ② 4" SOLID YELLOW EPOXY
- ③ 4" SKIP-DASH YELLOW EPOXY
- ④ 6" SKIP-DASH WHITE PREFORMED PLASTIC
- ⑤ 8" SOLID YELLOW EPOXY
- ⑥ 8" SOLID WHITE EPOXY
- ⑦ 12" SOLID YELLOW EPOXY
- ⑧ 15.6 SQ FT WHITE EPOXY
- ⑨ 12" SOLID WHITE EPOXY

RAISED PAVEMENT MARKERS

- ◆ AMBER 2-WAY
- ◀ AMBER 1-WAY
- ◁ CRYSTAL 1-WAY



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
STA. 263+00 TO 278+00

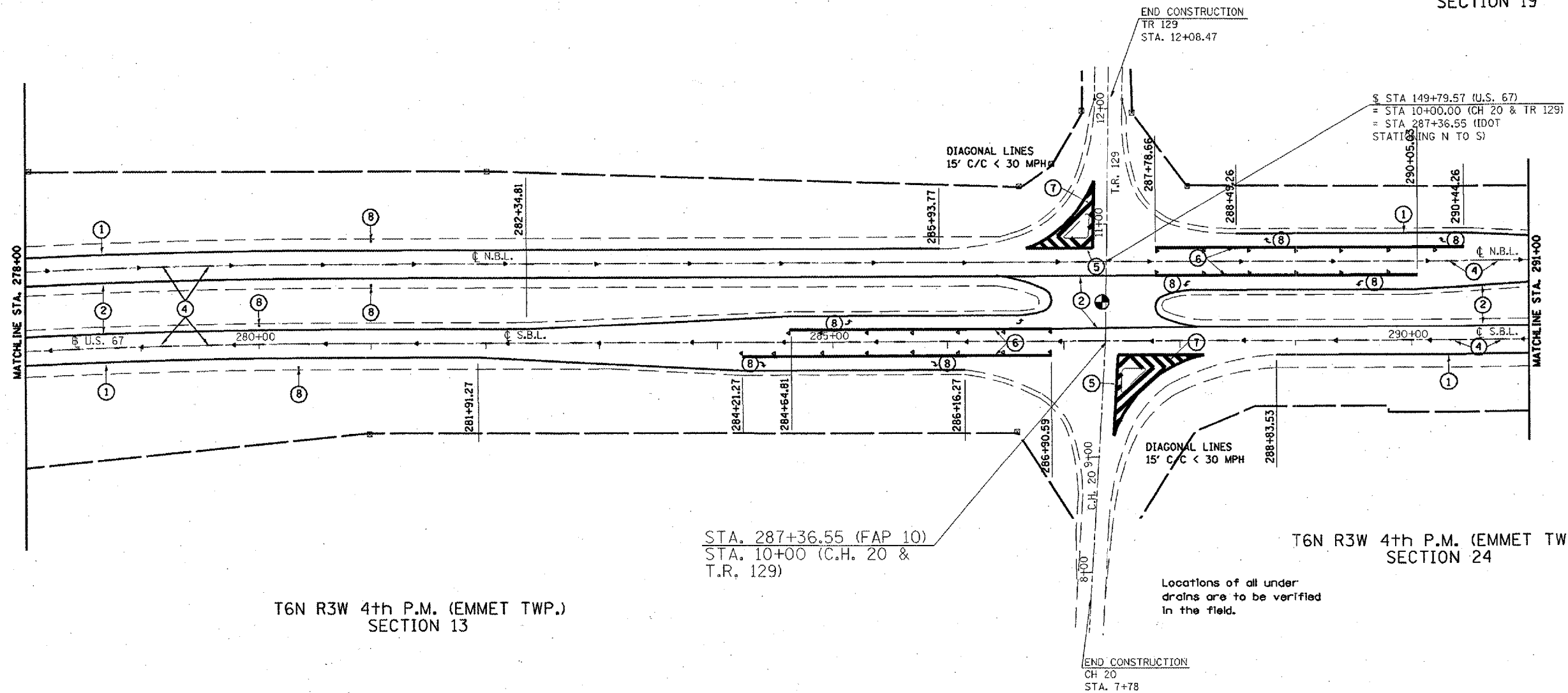
SCALE: VERT. 1" = 50'
HORIZ. DATE **DATE**

DRAWN BY CADD
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	67
STA. 278+00		TO STA. 291+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 18

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 19



T6N R3W 4th P.M. (EMMET TWP.)
SECTION 13

T6N R3W 4th P.M. (EMMET TWP.)
SECTION 24

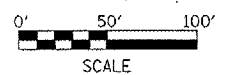
Locations of all under drains are to be verified in the field.

PROPOSED PAVEMENT MARKING LEGEND

- ① 4" SOLID WHITE EPOXY
- ② 4" SOLID YELLOW EPOXY
- ③ 4" SKIP-DASH YELLOW EPOXY
- ④ 6" SKIP-DASH WHITE PREFORMED PLASTIC
- ⑤ 8" SOLID YELLOW EPOXY
- ⑥ 8" SOLID WHITE EPOXY
- ⑦ 12" SOLID YELLOW EPOXY
- ⑧ 15.6 SQ FT WHITE EPOXY
- ⑨ 12" SOLID WHITE EPOXY

RAISED PAVEMENT MARKERS

- ◆ AMBER 2-WAY
- ▲ AMBER 1-WAY
- ◁ CRYSTAL 1-WAY



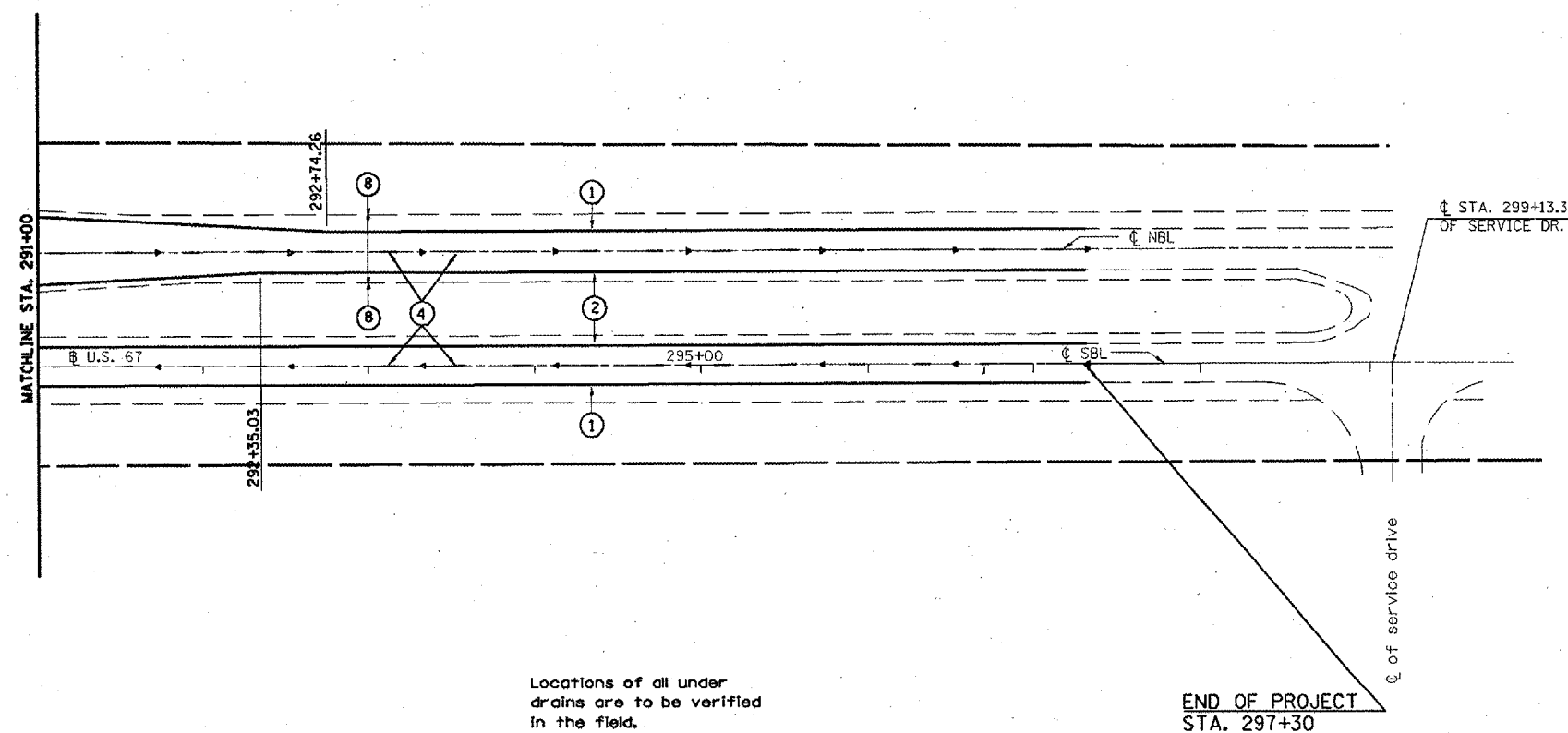
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
STA. 278+00 TO 291+00

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1) RS	MCDONOUGH	83	68
STA. 291+00		TO STA. 299+13.33		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

T6N R2W 4th P.M. (MACOMB TWP.)
SECTION 19



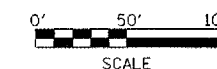
T6N R3W 4th P.M. (EMMET TWP.)
SECTION 24

PROPOSED PAVEMENT MARKING LEGEND

- ① 4" SOLID WHITE EPOXY
- ② 4" SOLID YELLOW EPOXY
- ③ 4" SKIP-DASH YELLOW EPOXY
- ④ 6" SKIP-DASH WHITE PREFORMED PLASTIC
- ⑤ 8" SOLID YELLOW EPOXY
- ⑥ 8" SOLID WHITE EPOXY
- ⑦ 12" SOLID YELLOW EPOXY
- ⑧ 15.6 SQ FT WHITE EPOXY
- ⑨ 12" SOLID WHITE EPOXY

RAISED PAVEMENT MARKERS

- ◆ AMBER 2-WAY
- ▲ AMBER 1-WAY
- ◁ CRYSTAL 1-WAY

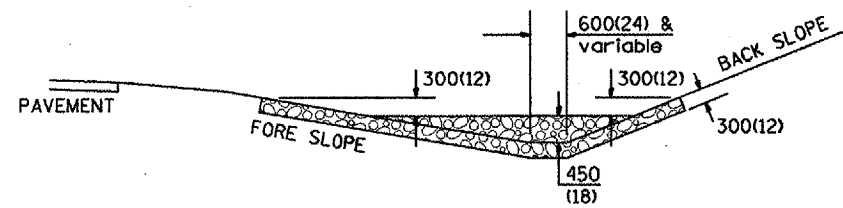


REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		PAVEMENT MARKING STA. 291+00 TO 299+13.33

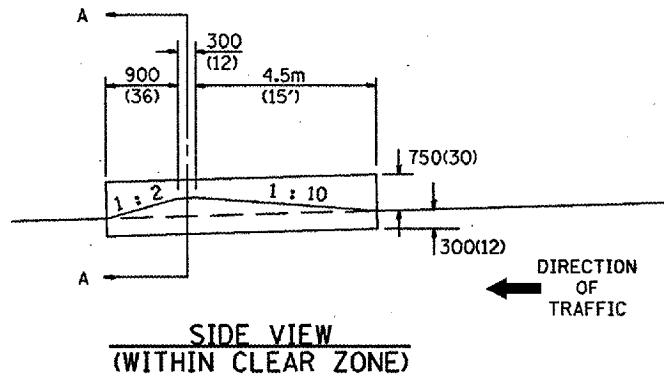
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HORIZ. DATE ##DATE##

DRAWN BY CADD
CHECKED BY

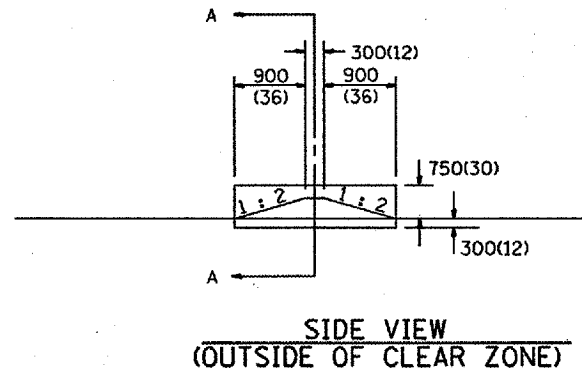
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-1RS	MCDONOUGH	83	69
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SECTION A - A

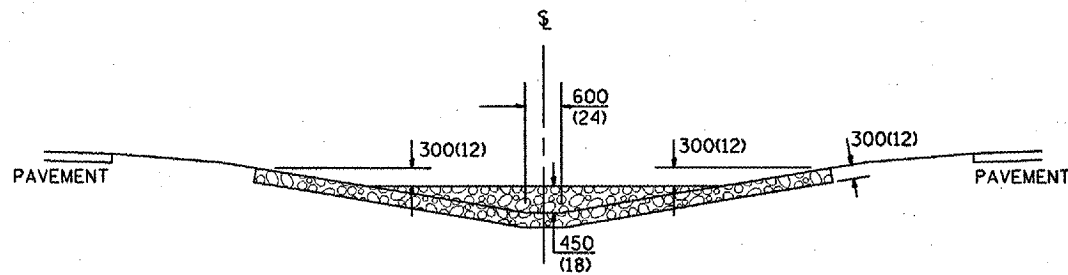


SIDE VIEW (WITHIN CLEAR ZONE)

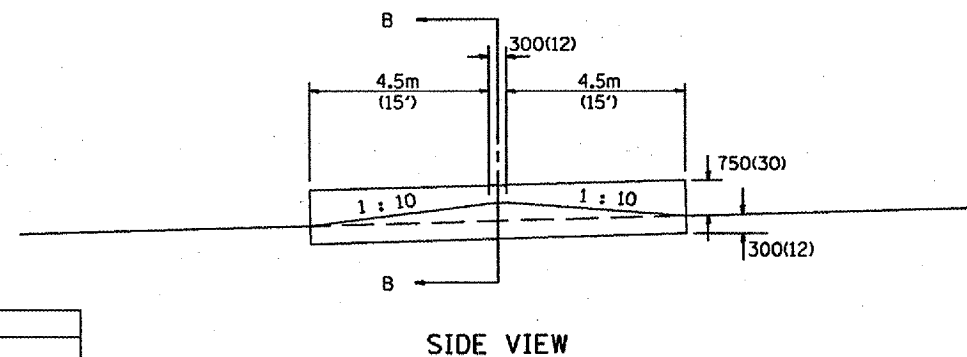


SIDE VIEW (OUTSIDE OF CLEAR ZONE)

SIDE DITCH AGGREGATE DITCH CHECK



SECTION B - B



SIDE VIEW

MEDIAN AGGREGATE DITCH CHECK

NOTES:

- FOR DITCH BOTTOM PROTECTED BY EXCELSIOR BLANKET, USE 120m(400') SPACING. FOR SEEDED DITCH BOTTOM, USE 60m(200') SPACING.
- THIS WORK CONSISTS OF THE COMPLETE INSTALLTION OF EROSION CONTROL DITCH CHECK AT LOCATIONS AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER. THE AGGREGATE GRADATION SHALL BE RR3 WITH A MINIMUM QUALITY OF CLASS C.

LOCATION STATION	MEDIAN	SIDE DITCH		NUMBER OF DITCH CHECKS	FORE SLOPE	DITCH BOTTOM WIDTH	BACK SLOPE	BERM SLOPE	AGGREGATE DITCH CHECK (EROSION CONTROL)	
		LEFT	RIGHT						EACH	TOTAL
									METRIC TON/TON	METRIC TON/TON
STA 115+50 - 117+50		X		2	1:4	4'	1:3		23	46
STA 127+30 - 138+00			X	10	1:6	4'	1:3		28	280
STA 138+00 - 150+00			X	11	1:6	4'	1:3		28	308
STA 143+00 - 147+00		X		3	1:4	4'	1:3		23	69
STA 153+00 - 156+00		X		2	1:4	4'	1:3		23	46
STA 175+75 - 179+00		X		4	1:4	4'	1:3		23	92
STA 173+00 - 180+00			X	6	1:6	4'	1:3		28	168
STA 181+00 - 211+82			X	29	1:6	4'	1:3		28	812
STA 181+10 - 188+00		X		6	1:4	4'	1:3		23	138
STA 216+00 - 224+00		X		7	1:4	4'	1:3		23	161
STA 237+00 - 239+50		X		2	1:4	4'	1:3		23	46
TOTALS				82						2166

ESTIMATE QUANTITIES

	FORE SLOPE	DITCH BOTTOM	BACK SLOPE	BERM SLOPE	AGGREGATE DITCH CHECK EROSION CONTROL METRIC TON/TON
MEDIAN DITCH	1:6	600(24)	---	1:10	86(95)
SIDE DITCH	1:6	600(24)	1:4	1:10 1:2	45(50)
SIDE DITCH	1:6	600(24)	1:4	1:2 1:2	17(19)
SIDE DITCH	1:4	600(24)	1:3	1:10 1:2	16(18)
SIDE DITCH	1:4	600(24)	1:3	1:2 1:2	13(14)
SIDE DITCH	1:6	4'	1:3	1:2 1:2	(28)
SIDE DITCH	1:4	4'	1:3	1:2 1:2	(23)

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

EROSION CONTROL AGGREGATE DITCH CHECK

CADD DETAIL 280101-D4
SCALE: NOT DRAWN TO SCALE
DATE **DATE**

DRAWN BY CADD
CHECKED BY

280101-D4

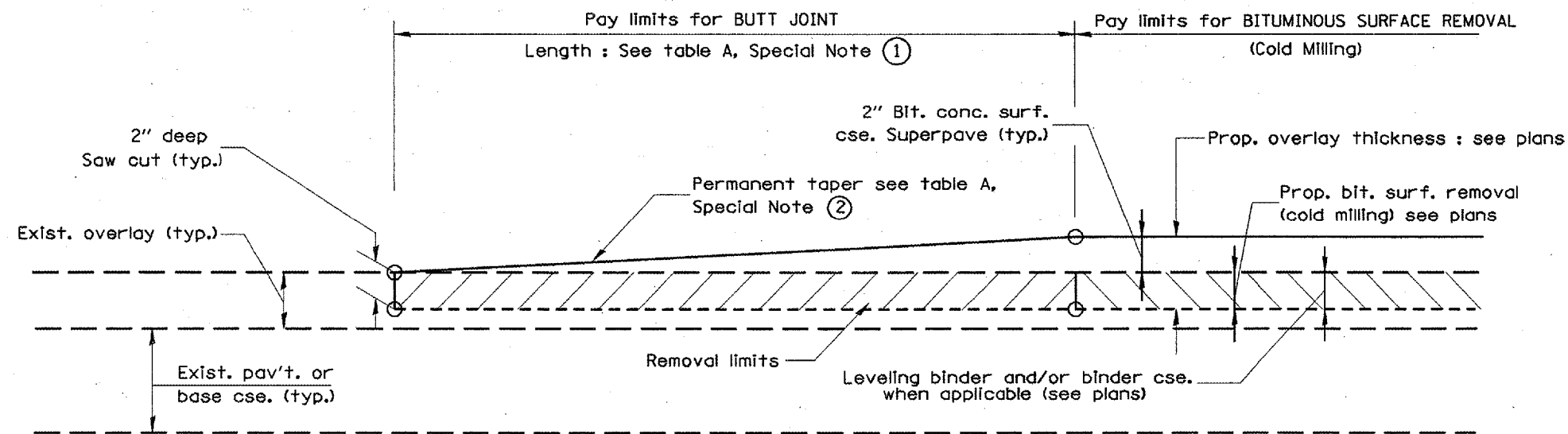
QUANTITIES

CALC. BY: _____ DATE: _____

CHECKED BY: _____ DATE: _____

QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE, BUREAU OF PROJECT IMPLEMENTATION, DOCUMENTATION SECTION

DATE	REVISIONS	BY
1-1-97	RENUM. A-12.04, NEW REVISION BOX, REVISED TITLE BOX, ADDED QUANTITY CALCULATION BOX	T.P.



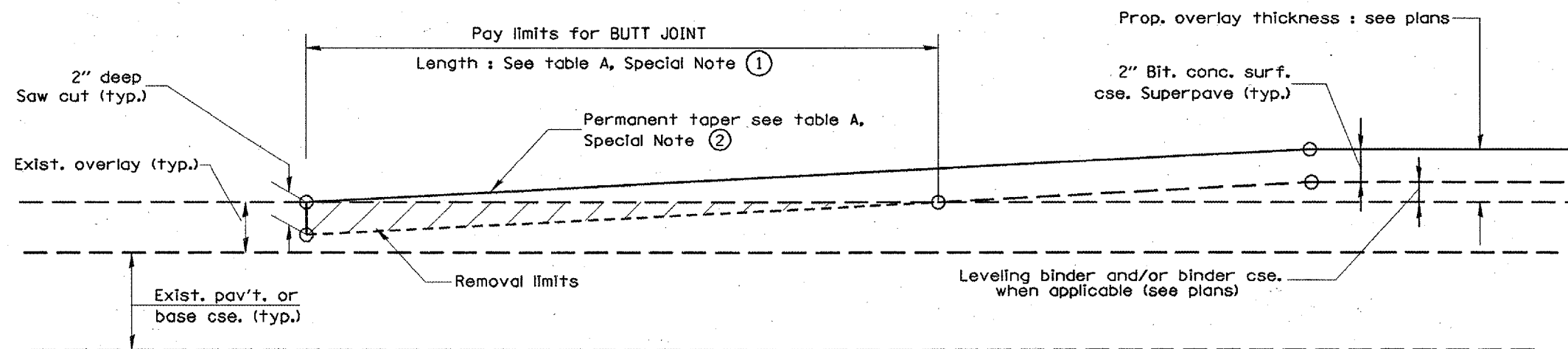
CASE 1 : WITH BITUMINOUS SURFACE REMOVAL (COLD MILLING)

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)

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

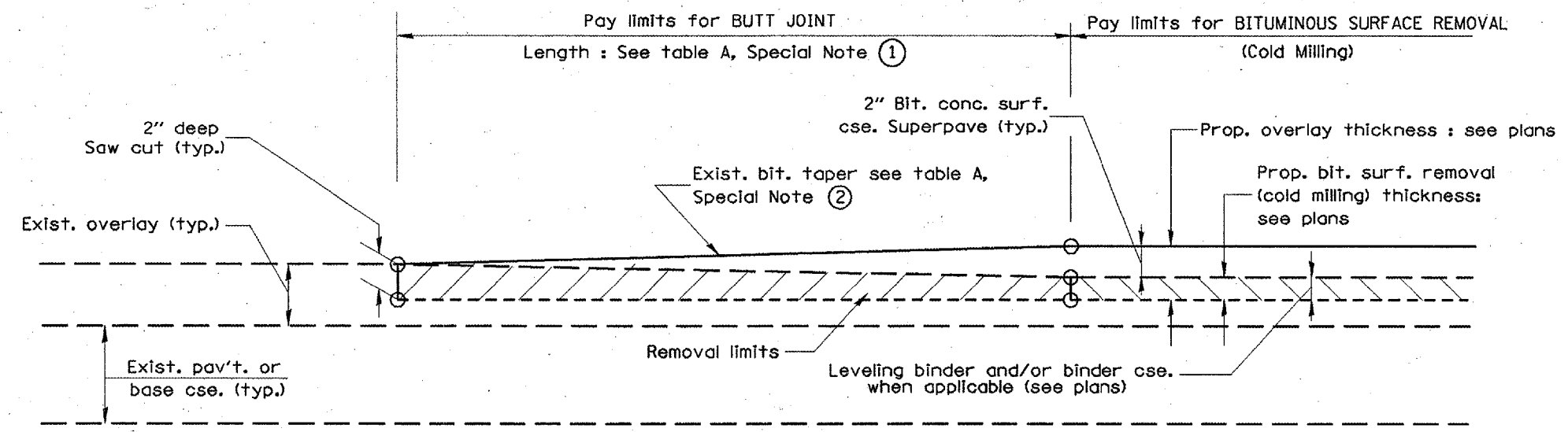
BUTT JOINTS

CADD STD NO. 406101-D4 SHEET 1 OF 2
SCALE: NOT DRAWN TO SCALE DRAWN BY CADD
DATE **DATE** CHECKED BY

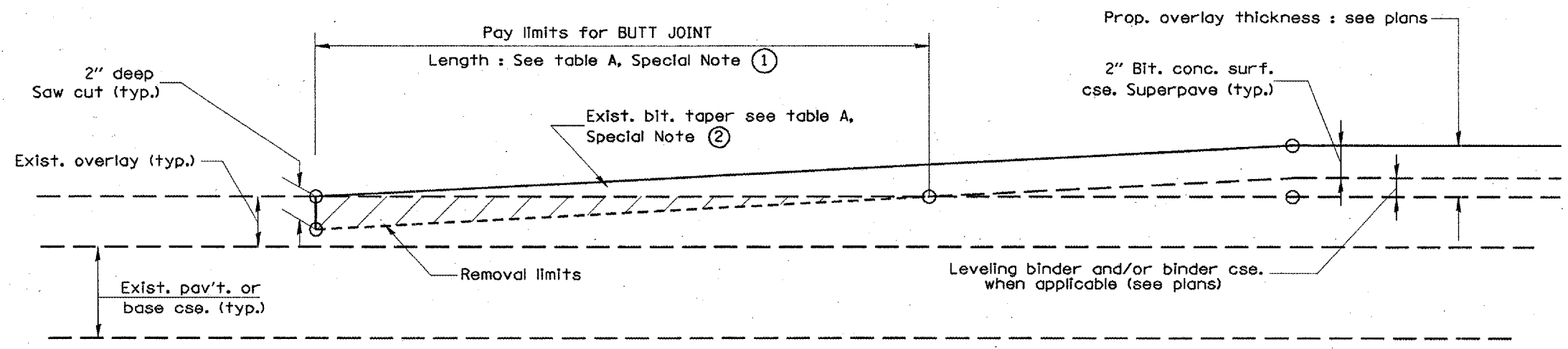
DATE	REVISIONS	BY
1-1-97	RENUM. C-23.01, NEW REVISION BOX	T.P.
4-1-97	CORRECTION TO DEPTH	J.A.

DATE**

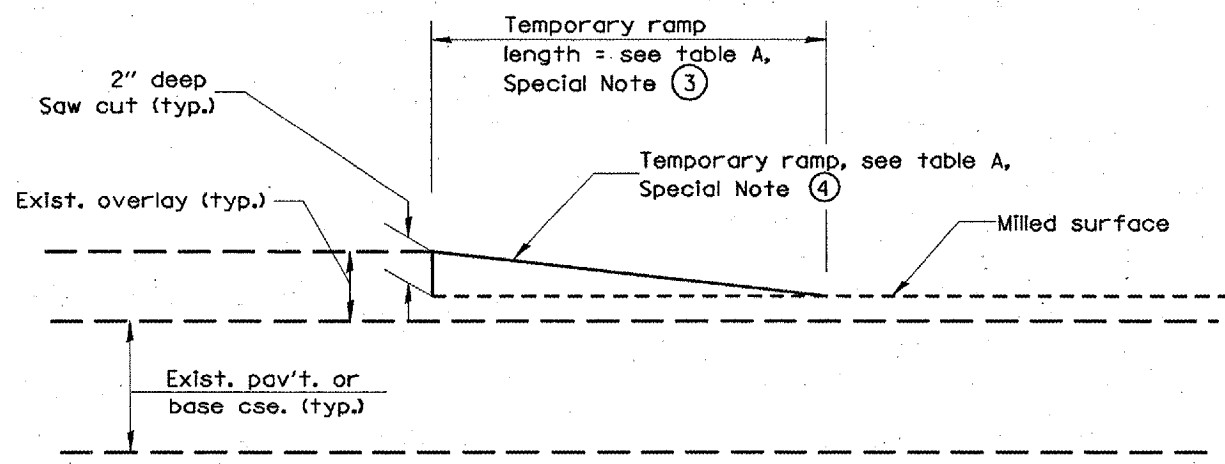
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138-11RS	MCDONOUGH	83	71
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**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**



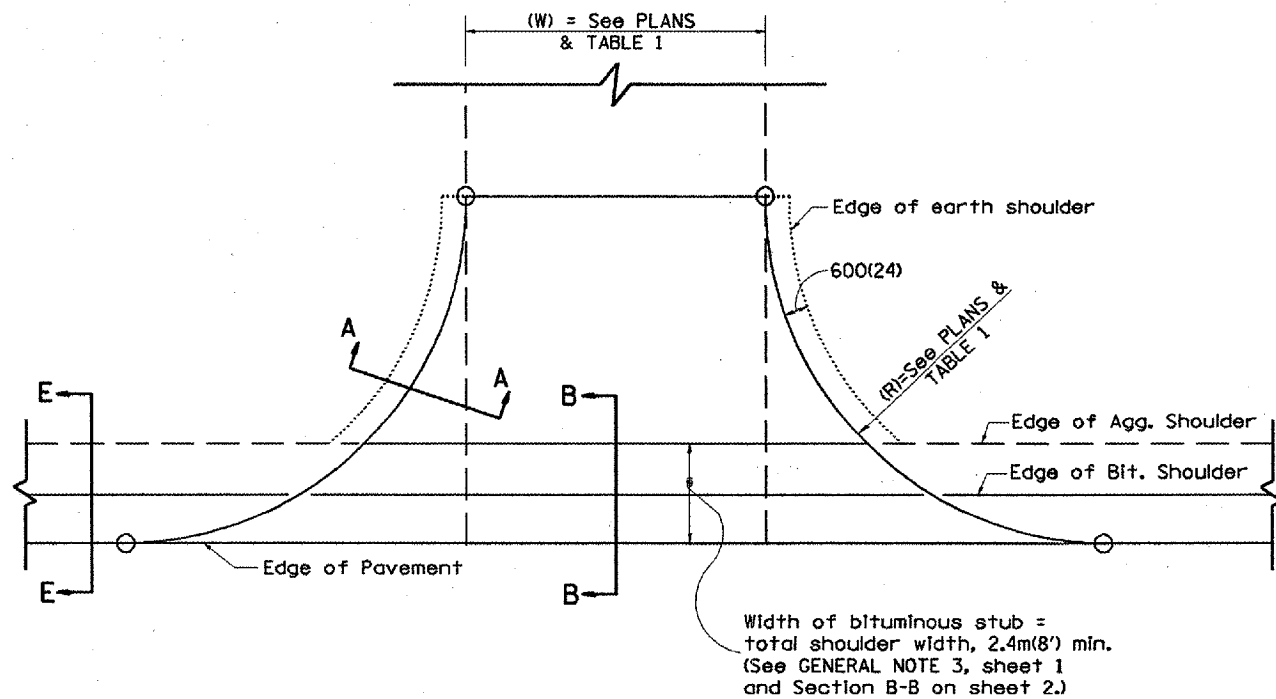
DETAIL TEMPORARY RAMP

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

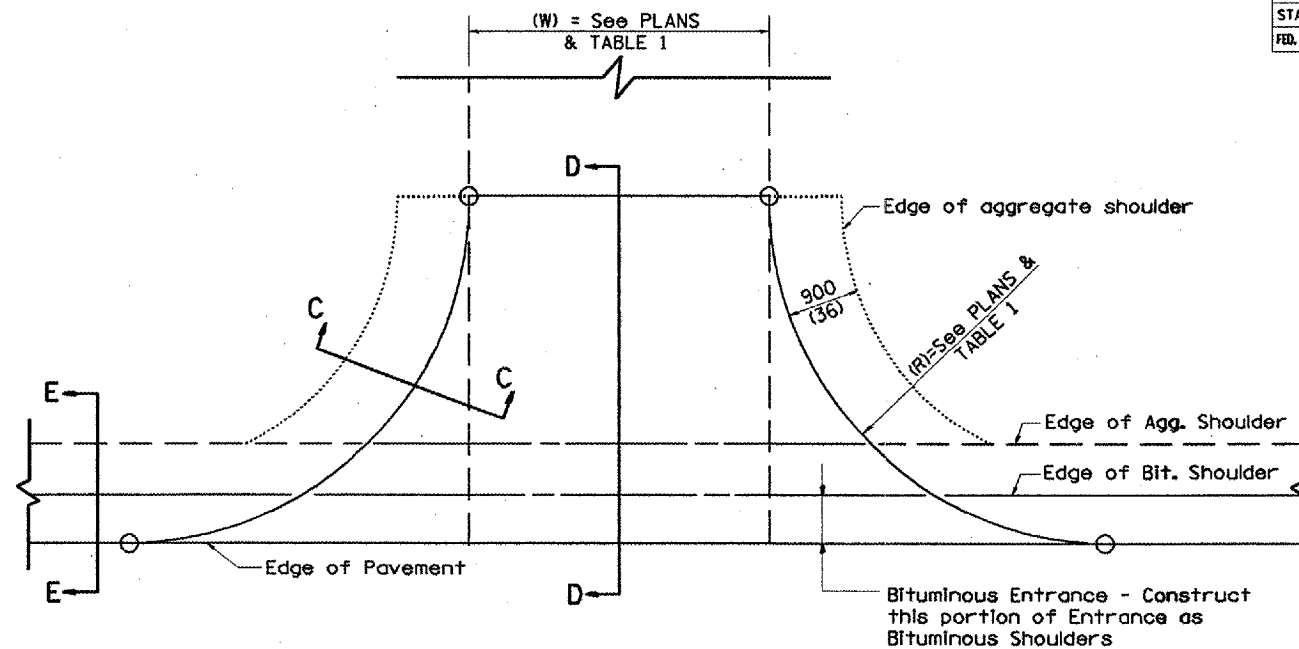
ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD
BUTT JOINTS
 CADD STD NO. 406101-D4 SHEET 2 OF 2
 SCALE: NOT DRAWN TO SCALE DRAWN BY CADD
 DATE **DATE** CHECKED BY

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

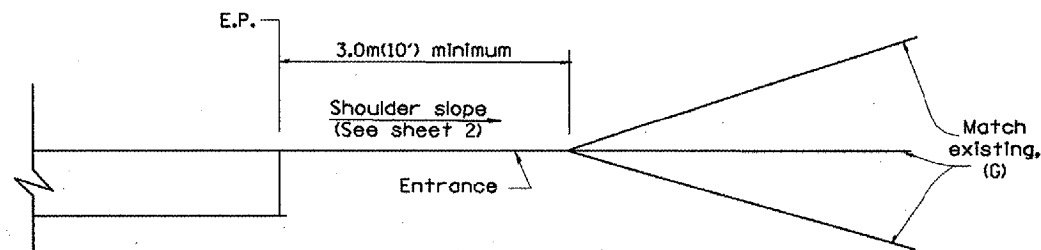
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310	(38-11RS	MCDONOUGH	83	72
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**PLAN
AGGREGATE ENTRANCE**



**PLAN
PCC OR BITUMINOUS ENTRANCE**

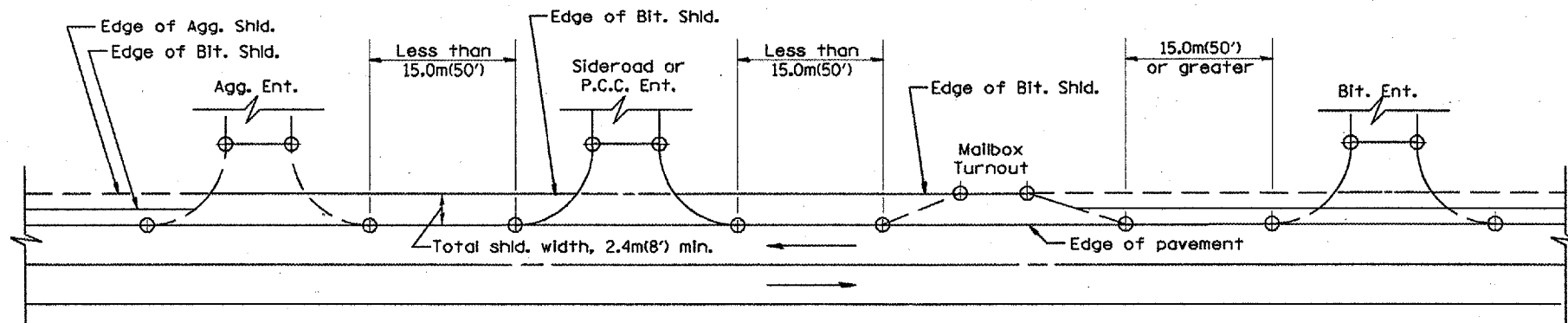


**DETAIL A
ENTRANCE PROFILE CONTROLS**

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)**

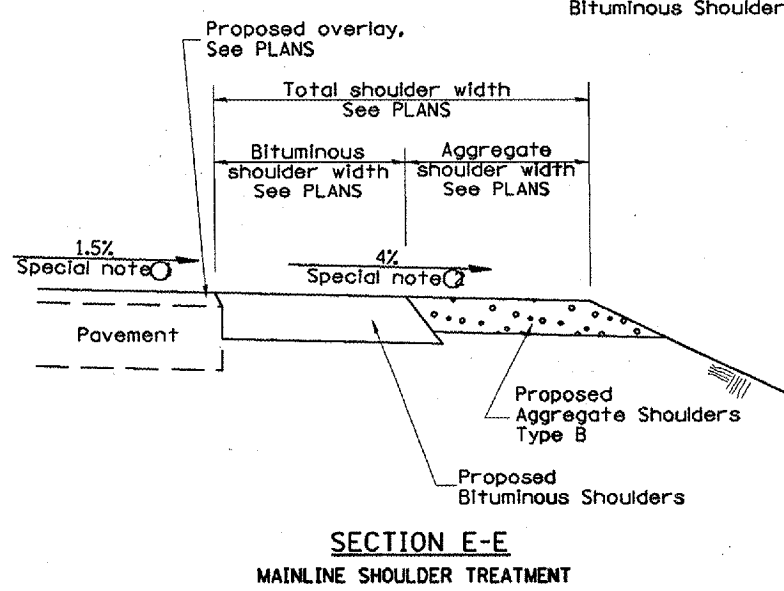
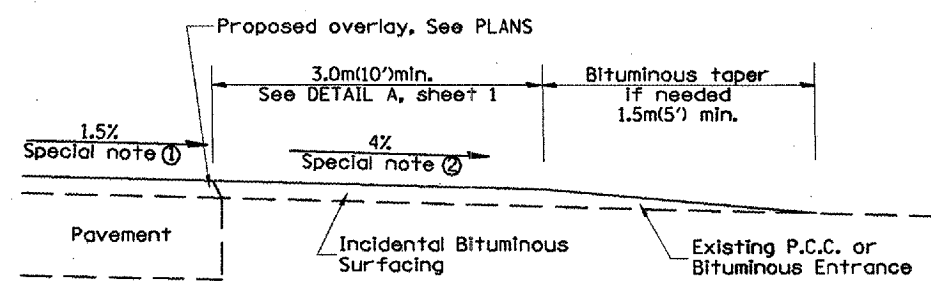
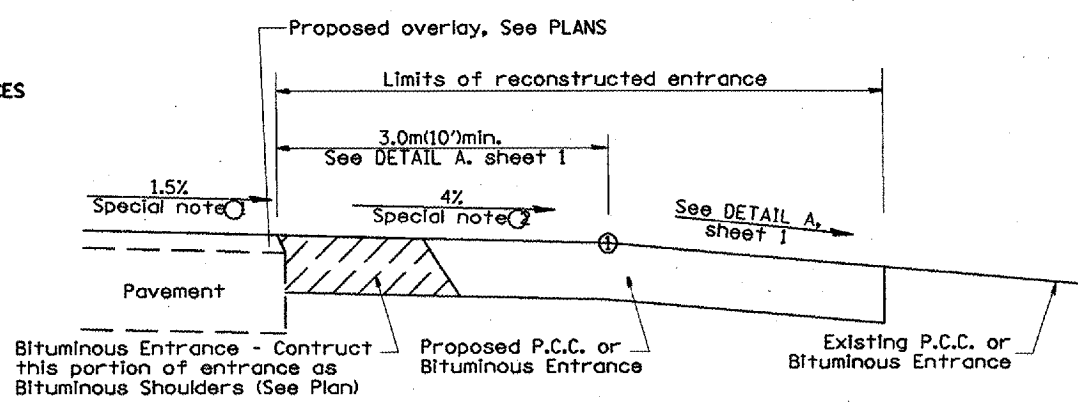
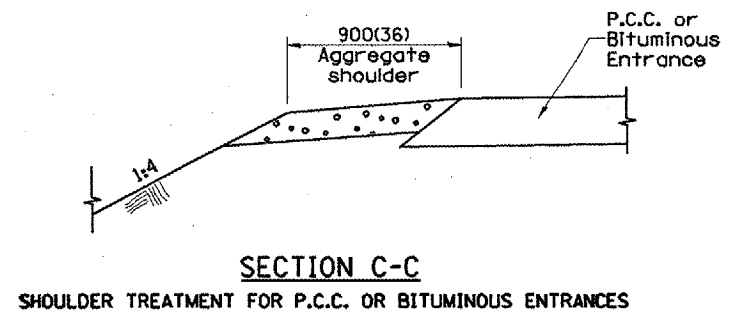
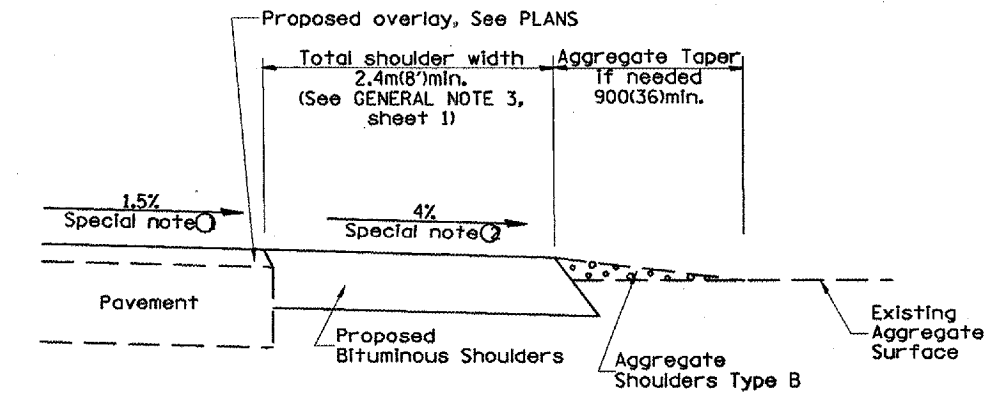
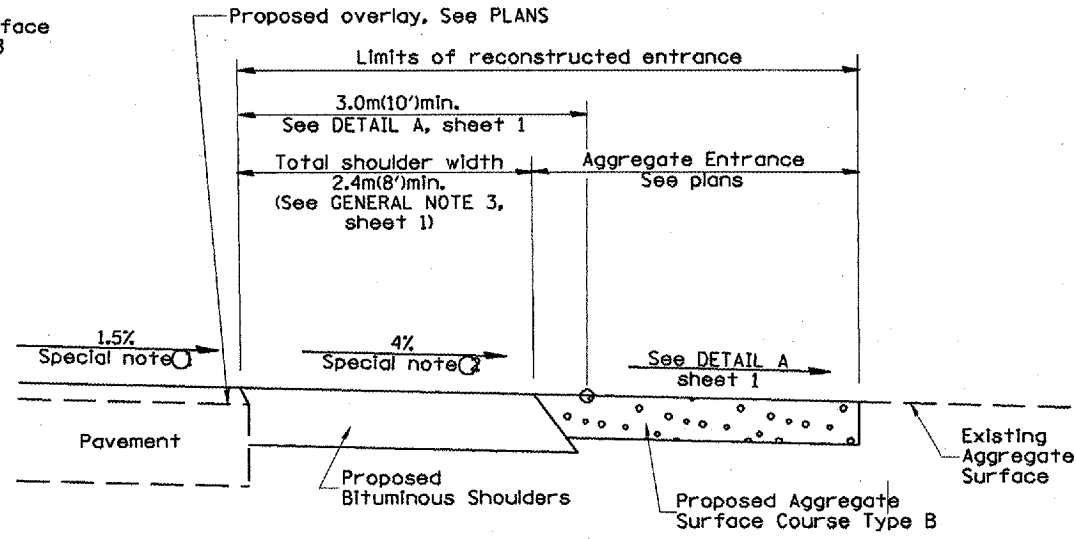
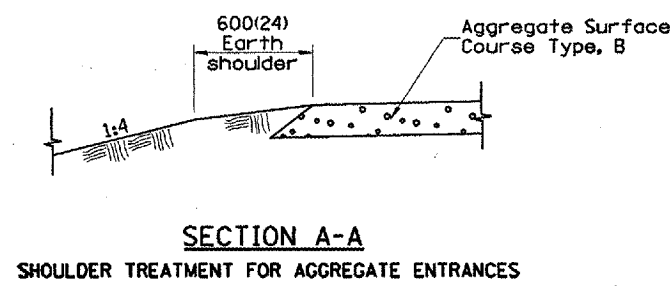
All slopes ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
All dimensions are in millimeters (inches) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION		
DISTRICT CADD STANDARD		
RURAL ENTRANCES FOR "3R" PROJECTS		
CADD STD NO. 406301-D4		SHEET 1 OF 2
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	I38-11RS	MCDONOUGH	83	73
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SECTION D-D
RECONSTRUCTED P.C.C. OR BITUMINOUS ENTRANCE

SPECIAL NOTES

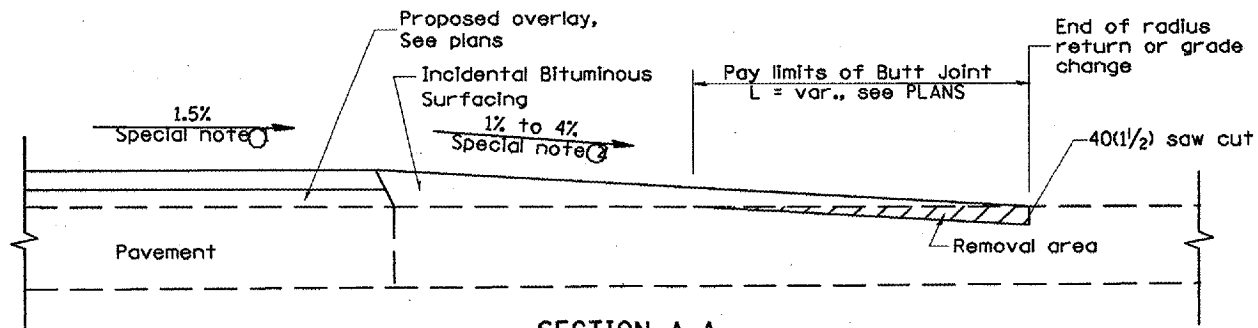
- ① The mainline pavement cross-slope is 1.5% for tangent alignment. See PLANS for cross-slope on super-elevated horizontal curves.
- ② The shoulder slope shall control the entrance profile for a distance of 3.0m(10') minimum from the pavement edge. The shoulder cross-slope is 4% for tangent alignment. 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.

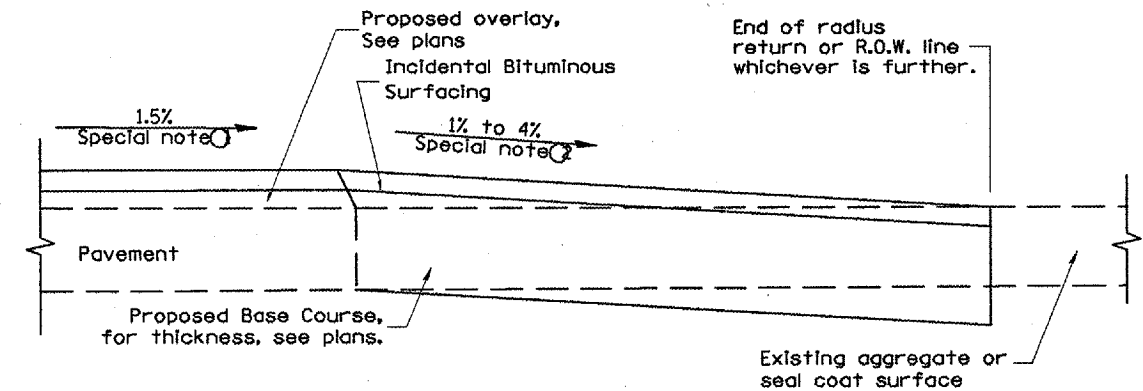
ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
RURAL ENTRANCES FOR "3R" PROJECTS	
CADD STD NO. 406301-D4	SHEET 2 OF 2
SCALE: NOT DRAWN TO SCALE	DRAWN BY: CADD
DATE: **DATE**	CHECKED BY: T. PICKERING

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

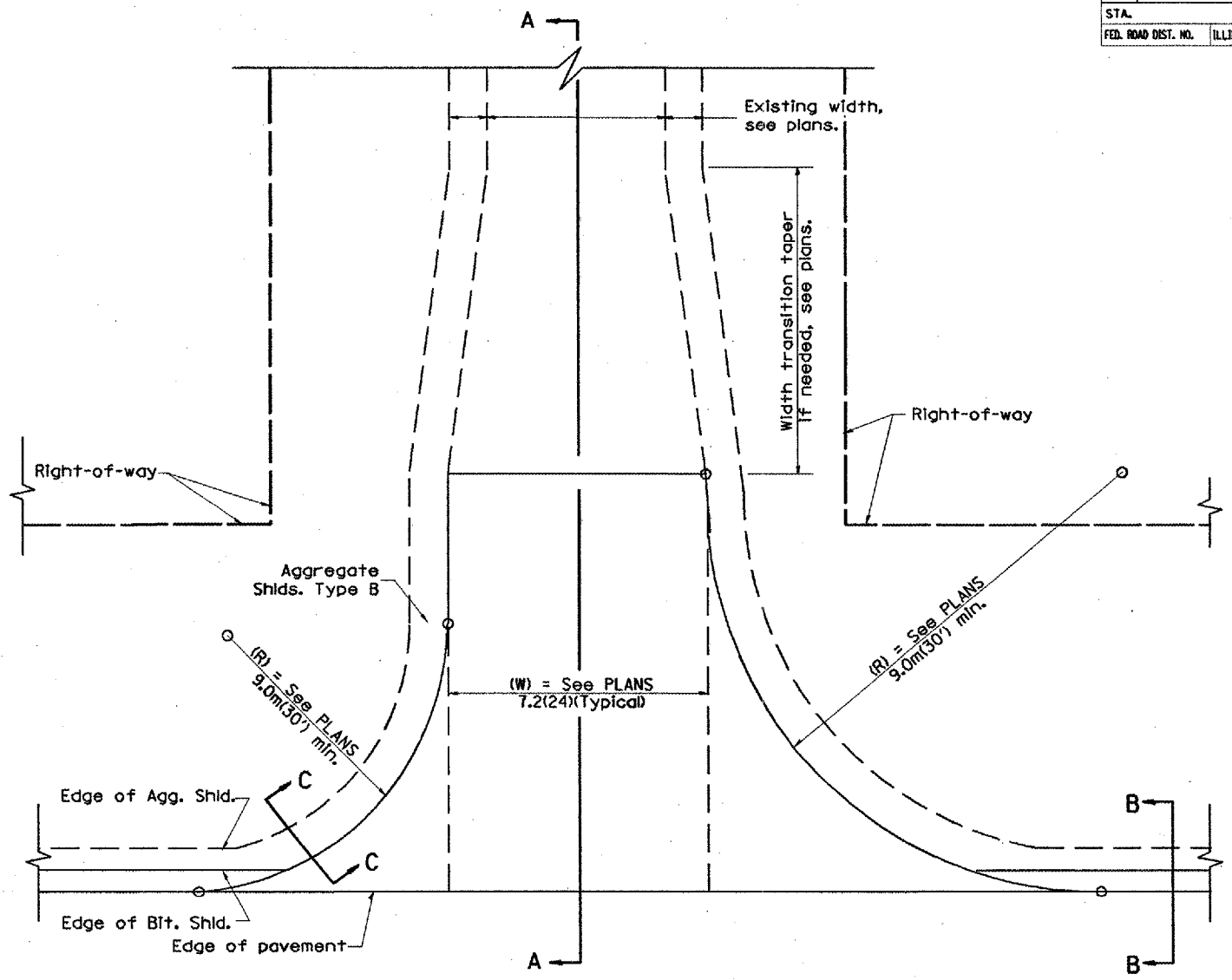
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



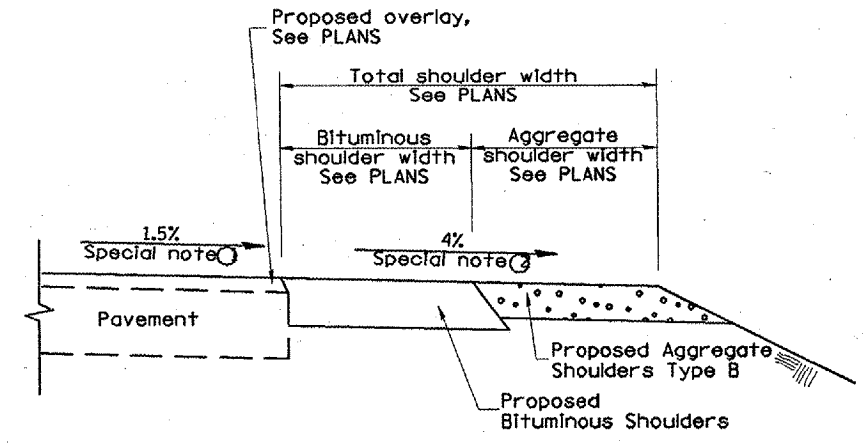
SECTION A-A
EXISTING PCC OR BITUMINOUS SIDEROAD



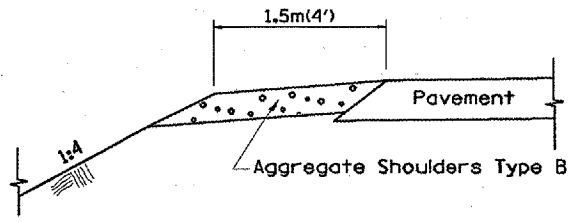
SECTION A-A
EXISTING AGGREGATE OR SEAL COAT SIDEROAD



PLAN



SECTION B-B
MAINLINE SHOULDER TREATMENT



SECTION C-C
SIDEROAD SHOULDER TREATMENT

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.

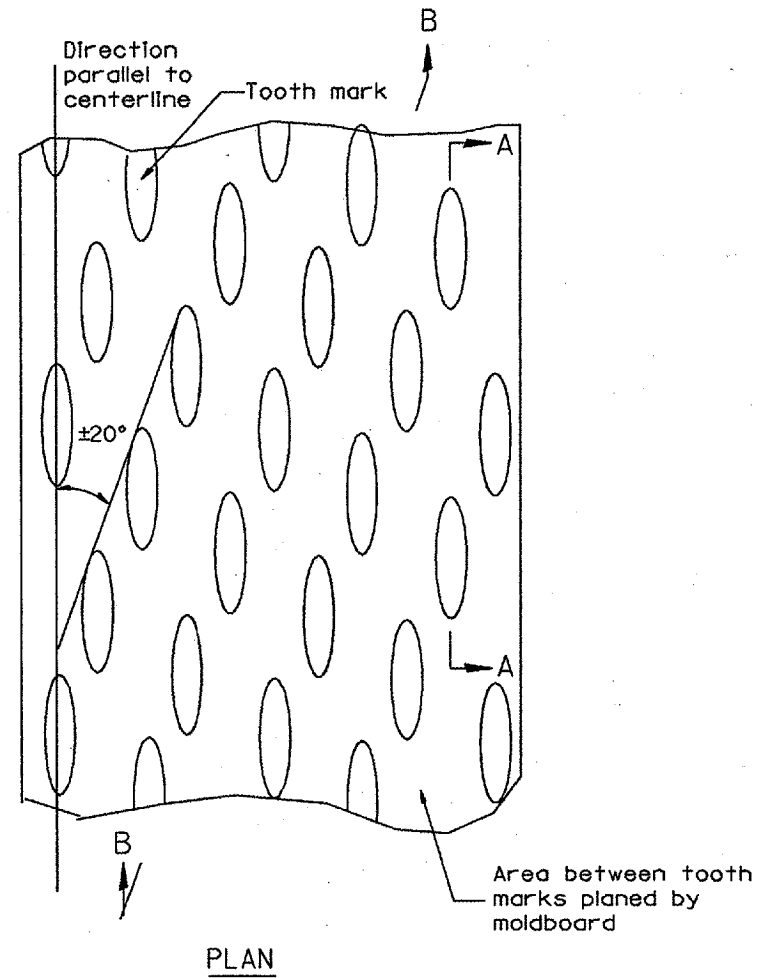
All dimensions are in millimeters (inches) unless otherwise noted.

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

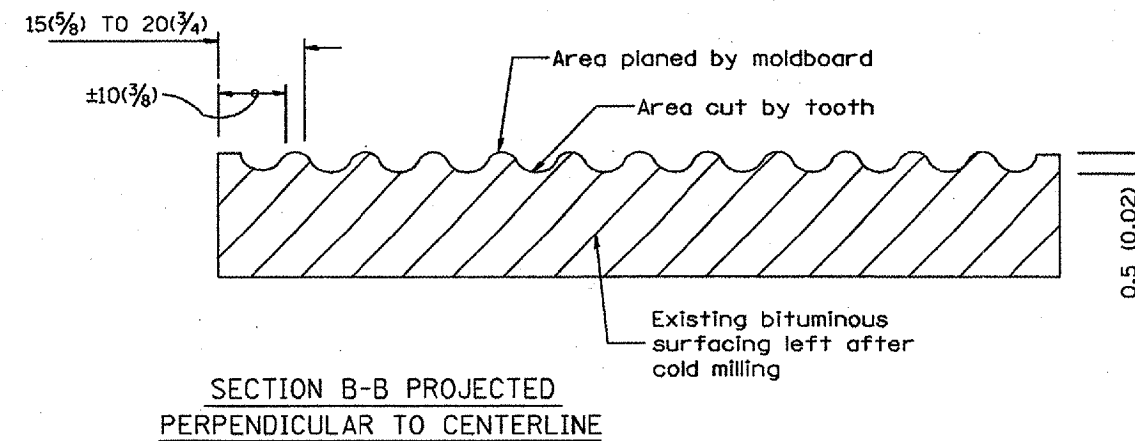
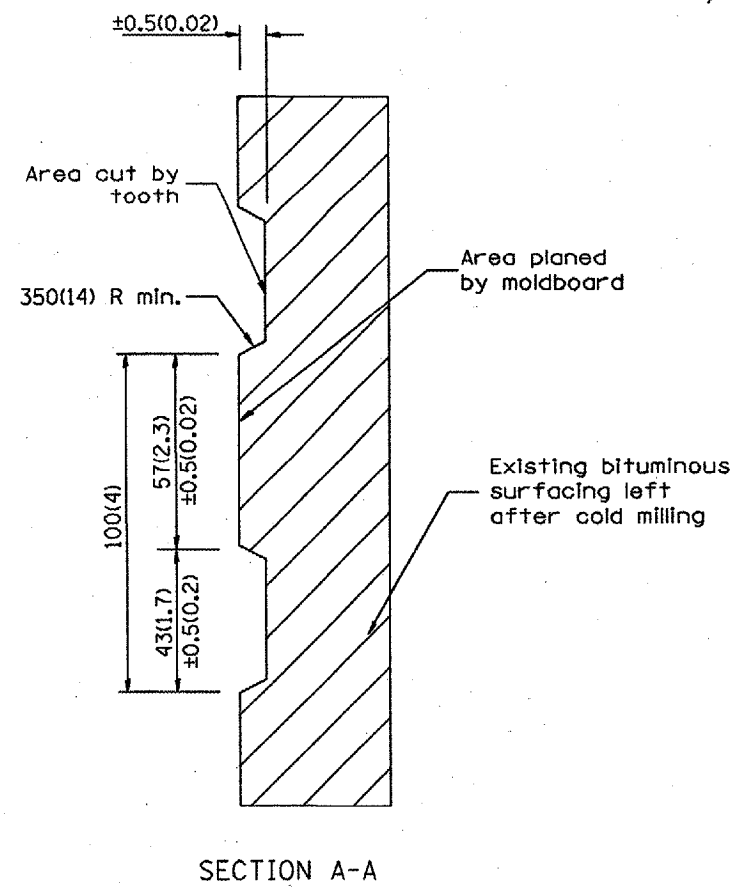
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1)RS	MCDONOUGH	83	75
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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

BITUMINOUS SURFACE REMOVAL
(COLD MILLING)

CADD STD NO. 440001-D4

SCALE: NOT DRAWN TO SCALE

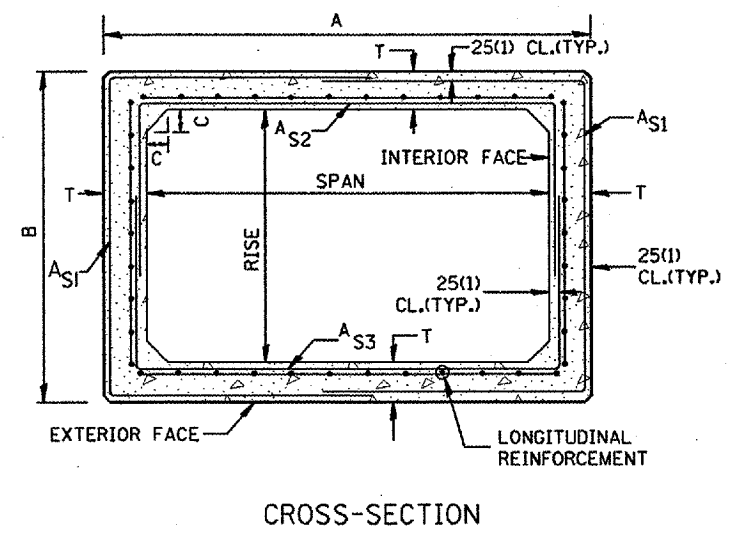
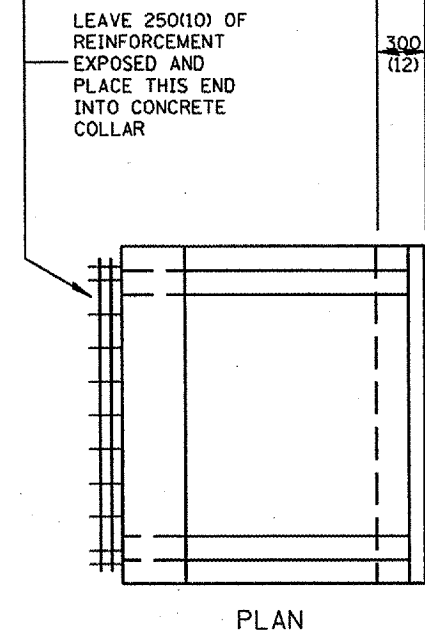
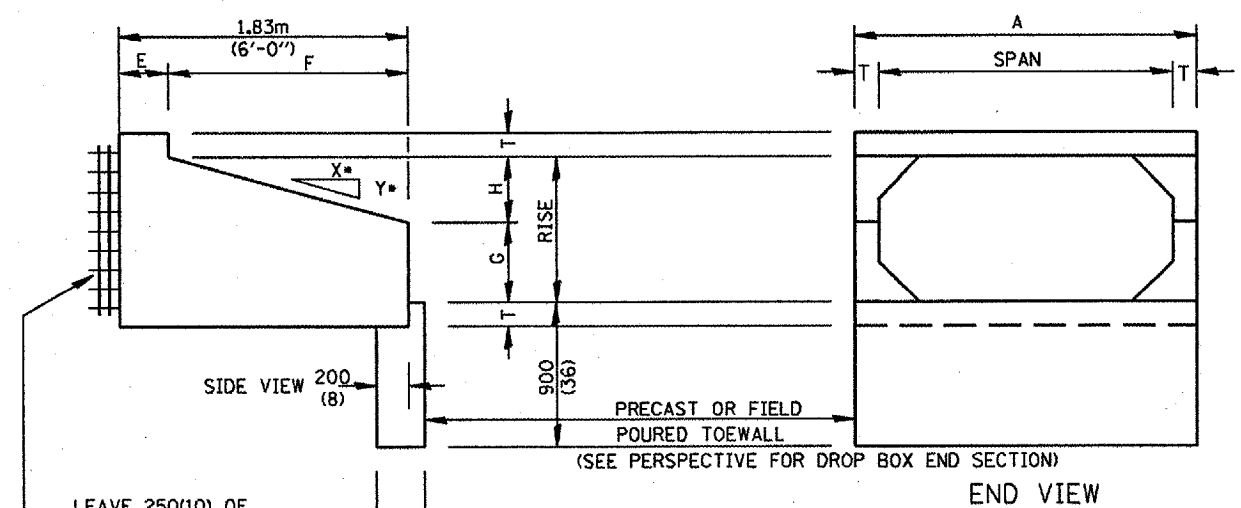
DATE **DATE** DRAWN BY CADD

CHECKED BY

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.

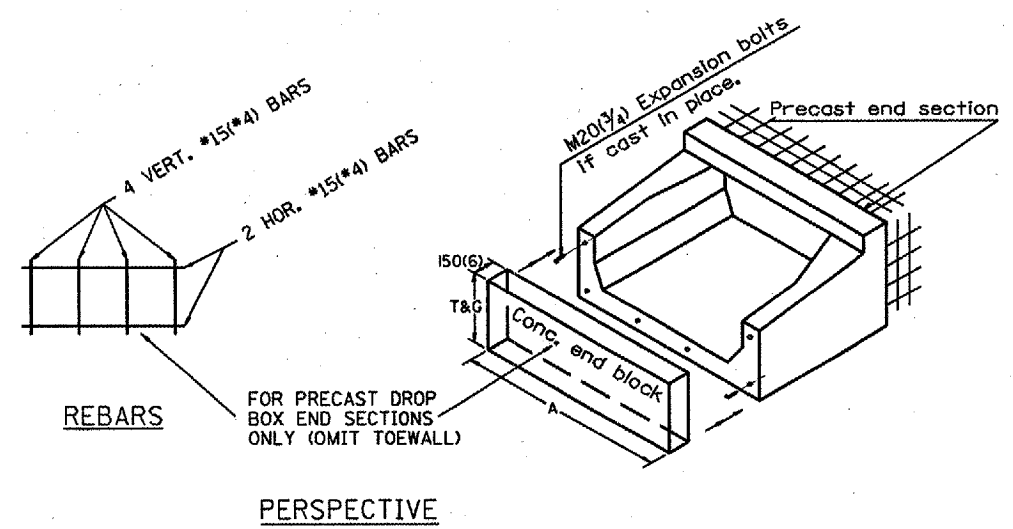
DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	C38-IIRS	MCDONOUGH	83	76
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



GENERAL NOTES:

1. The Box Culvert Sections shall conform to ASTM C789 for 0.6 m(2') cover or more. If less than 0.6 m(2') of cover exists, then ASTM C-850 applies and modify Table 'B' and drawing.
2. The Aggregate shall conform to the requirements of Articles 1003.02 and 1004.02 of the Standard Specifications. The gradation requirements do not apply.
3. The External Sealing Band shall conform to ASTM C 877. The appropriate portions of Articles 550.02(1) and 1057.01 of the Standard Specifications shall apply.
4. Shop plans for the Precast Reinforced Box Culvert Sections, End Sections and Drop Box End Sections shall be submitted in accordance with Article 504.04(a) of the Standard Specifications.
5. All dimensions shall be verified with the Supplier.



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

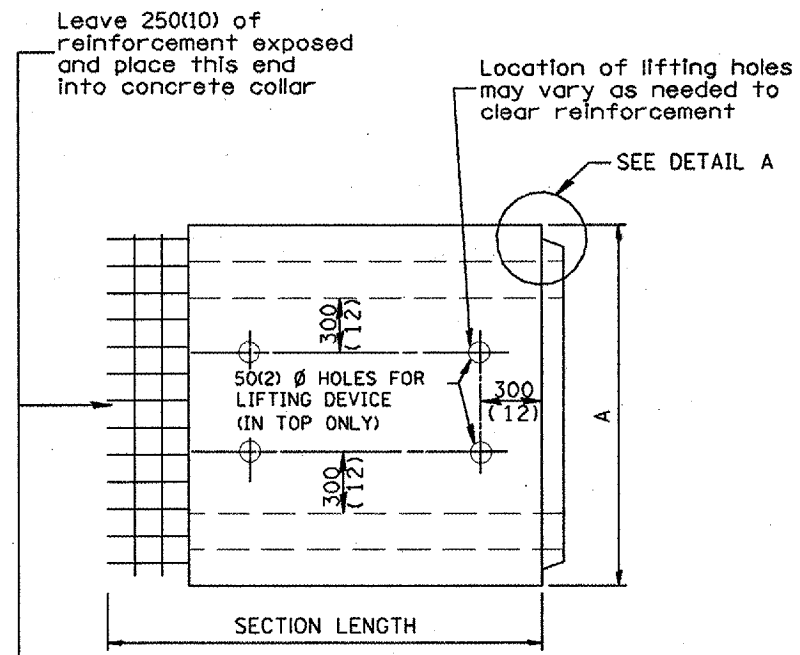
ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
PRECAST CONCRETE BOX CULVERTS (SPECIAL), END SECTION (SPECIAL), & DROP BOX END SECTIONS (SPECIAL)	
CADD STANDARD 540401-D4(1)	DRAWN BY CADD
SCALE: NOT DRAWN TO SCALE	CHECKED BY
DATE **DATE**	SHEET 1 OF 2

DATE	REVISIONS	BY
1-1-97	RENUM. J-12.08 AND J-12.09, NEW FORMAT, METRICS, NEW REVISION BOX, NOTES.	T.P.
5-1-97	CORRECT TITLE & GEN. NOTES	J.A.
6-17-99	CORRECT DIMENSIONS	J.A.

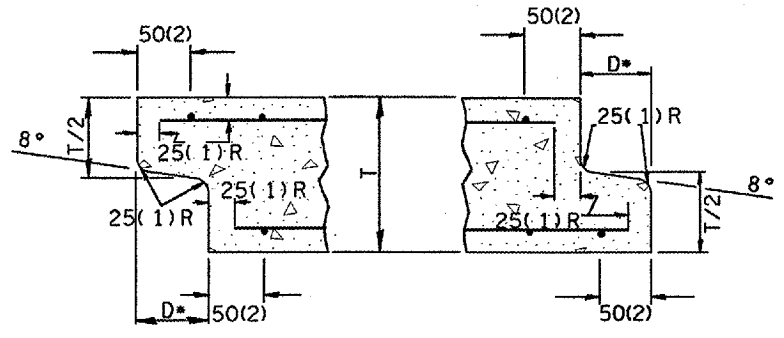
\$\$\$DATE\$\$\$

(DIMENSIONS APPLY TO END SECTION AND BOX SECTION DETAILS)

SPAN X RISE mm (ft)	T mm (in)	A	B	C mm (in)	E mm (in)	F	G	H mm (in)	SLOPE (Y : X)
600x600 (2x2)	100(4)	815(32)	815(32)	100(4)	915(36)	915(36)	305(12)	305(12)	1 : 3
600x900 (2x3)	100(4)	815(32)	1.12m (3'-8")	100(4)	610 (24)	1.22m (4'-0")	510(20)	410(16)	1 : 3
900x600 (3x2)	100(4)	1.12m (3'-8")	815(32)	100(4)	915(36)	915(36)	305(12)	305(12)	1 : 3
900x750 (3x2.5)	100(4)	1.12m (3'-8")	965(38)	100(4)	760(30)	1.07m (3'-6")	410(16)	355(14)	1 : 3
900x900 (3x3)	100(4)	1.12m (3'-8")	1.12m (3'-8")	100(4)	610(24)	1.22m (4'-0")	510(20)	410(16)	1 : 3
1200x600 (4x2)	125(5)	1.48m (4'-10")	865(34)	125(5)	915(36)	915(36)	305(12)	305(12)	1 : 3
1200x900 (4x3)	125(5)	1.48m (4'-10")	1.17m (3'-10")	125(5)	610(24)	1.22m (4'-0")	510(20)	410(16)	1 : 3
1200x1200 (4x4)	125(5)	1.48m (4'-10")	1.48m (4'-10")	125(5)	610(24)	1.22m (4'-0")	610(24)	610(24)	1 : 2
1200x1500 (4x5)	125(5)	1.48m (4'-10")	1.78m (5'-10")	125(5)	610(24)	1.22m (4'-0")	915(36)	610(24)	1 : 2
1200x1800 (4x6)	125(5)	1.48m (4'-10")	2.09m (6'-10")	125(5)	610(24)	1.22m (4'-0")	1.22m (4'-0")	610(24)	1 : 2
1500x600 (5x2)	150(6)	1.83m (6'-0")	915(36)	150(6)	915(36)	915(36)	305(12)	305(12)	1 : 3
1500x900 (5x3)	150(6)	1.83m (6'-0")	1.22m (4'-0")	150(6)	610(24)	1.22m (4'-0")	510(20)	410(16)	1 : 3
1500x1200 (5x4)	150(6)	1.83m (6'-0")	1.52m (5'-0")	150(6)	610(24)	1.22m (4'-0")	610(24)	610(24)	1 : 2
1500x1500 (5x5)	150(6)	1.83m (6'-0")	1.83m (6'-0")	150(6)	610(24)	1.22m (4'-0")	915(36)	610(24)	1 : 2
1800x600 (6x2)	175(7)	2.17m (7'-2")	965(38)	175(7)	915(36)	915(36)	305(12)	305(12)	1 : 3
1800x900 (6x3)	175(7)	2.17m (7'-2")	1.27m (4'-2")	175(7)	610(24)	1.22m (4'-0")	510(20)	410(16)	1 : 3
1800x1200 (6x4)	175(7)	2.17m (7'-2")	1.57 (5'-2")	175(7)	610(24)	1.22m (4'-0")	610(24)	610(24)	1 : 2
1800x1500 (6x5)	175(7)	2.17m (7'-2")	1.88m (6'-2")	175(7)	610(24)	1.22m (4'-0")	915(36)	610(24)	1 : 2
1800x1800 (6x6)	175(7)	2.17m (7'-2")	2.17m (7'-2")	175(7)	610(24)	1.22m (4'-0")	1.22m (4'-0")	610(24)	1 : 2
2100x1200 (7x4)	200(8)	2.54m (8'-4")	1.63m (5'-4")	200(8)	610(24)	1.22m (4'-0")	610(24)	610(24)	1 : 2
2100x1500 (7x5)	200(8)	2.54m (8'-4")	1.93m (6'-4")	200(8)	610(24)	1.22m (4'-0")	915(36)	610(24)	1 : 2
2100x1800 (7x6)	200(8)	2.54m (8'-4")	2.24m (7'-4")	200(8)	610(24)	1.22m (4'-0")	1.22m (4'-0")	610(24)	1 : 2
2100x2100 (7x7)	200(8)	2.54m (8'-4")	2.54m (8'-4")	200(8)	610(24)	1.22m (4'-0")	1.52m (5'-0")	610(24)	1 : 2
2400x1200 (8x4)	200(8)	2.84m (9'-4")	1.63m (5'-4")	200(8)	610(24)	1.22m (4'-0")	610(24)	610(24)	1 : 2
2400x1500 (8x5)	200(8)	2.84m (9'-4")	1.93m (6'-4")	200(8)	610(24)	1.22m (4'-0")	915(36)	610(24)	1 : 2
2400x1800 (8x6)	200(8)	2.84m (9'-4")	2.24m (7'-4")	200(8)	610(24)	1.22m (4'-0")	1.22m (4'-0")	610(24)	1 : 2
2700x1500 (9x5)	225(9)	3.2m (10'-6")	1.98m (6'-6")	225(9)	610(24)	1.22m (4'-0")	915(36)	610(24)	1 : 2
2700x1800 (9x6)	225(9)	3.2m (10'-6")	2.29m (7'-6")	225(9)	610(24)	1.22m (4'-0")	1.22m (4'-0")	610(24)	1 : 2



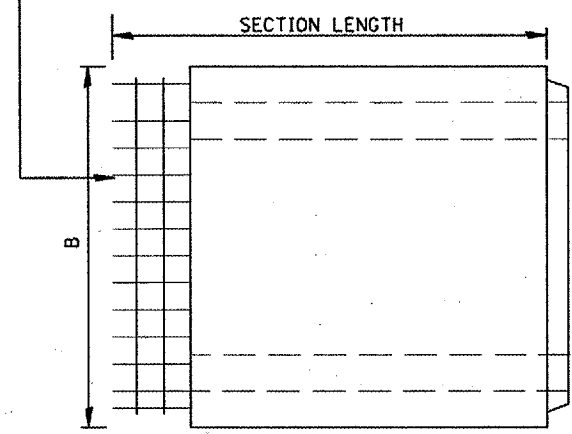
PLAN



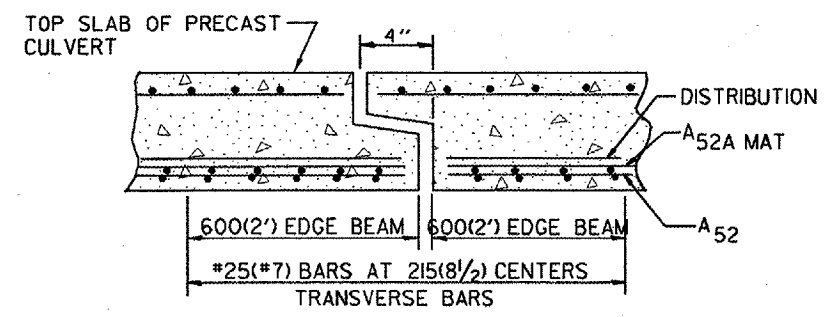
DETAIL A
(TYP. INLET END) (TYP. OUTLET END)

NOTE: Inlet and outlet ends shall be compatible.

*The D dimension shall conform to the manufacturer's standards.



ELEVATION



TYP. JOINT SHOWING EDGE BEAM REINFORCEMENT

NOTE: The additional Reinforcing Steel required for edge beams shall have the same length as As2A. The required area, As10, may be combined with As2 in a single mat or placed in a separate layer as shown above. The additional Steel may be Welded Wire Fabric or grade 60 Deformed Bars.

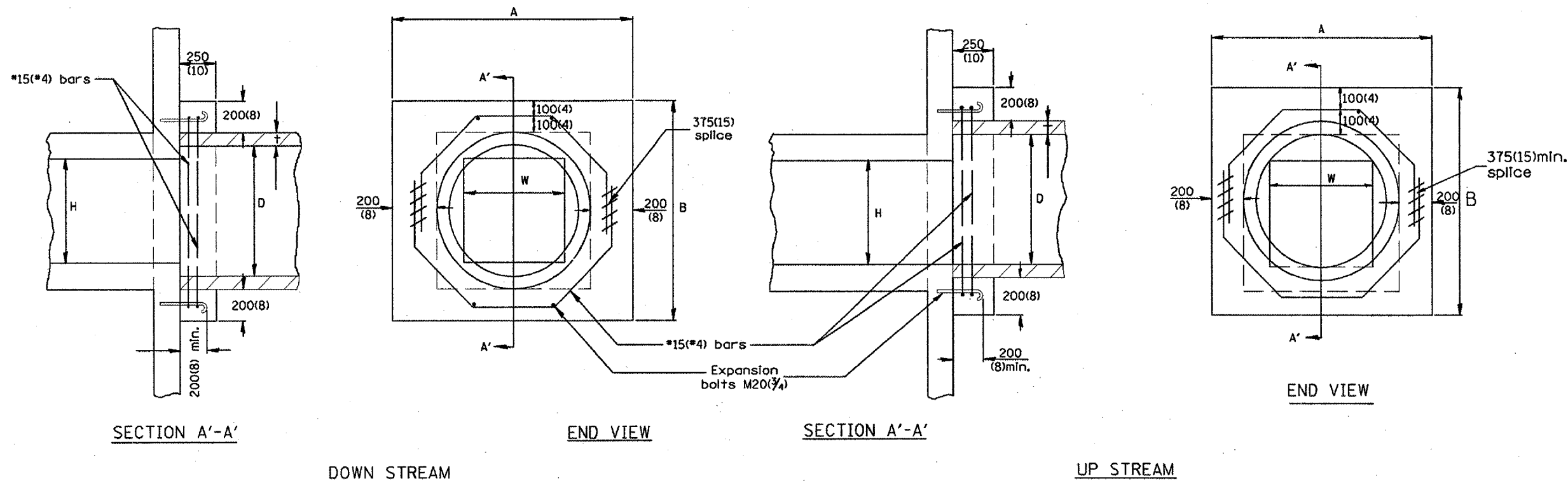
(See GENERAL NOTES on sheet 1 of 2)

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

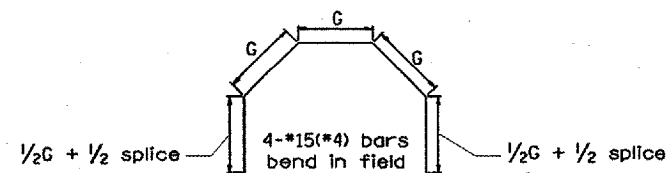
ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
PRECAST CONCRETE BOX CULVERTS (SPECIAL), END SECTION (SPECIAL), & DROP BOX END SECTIONS (SPECIAL)	
CADD STANDARD 540401-D4(2)	DRAWN BY CADD
SCALE: NOT TO SCALE	CHECKED BY
DATE: **DATE**	SHEET 2 OF 2

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

CONTRACT 88757				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1)RS	MCDONOUGH	83	78
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



EXISTING BOX W	EXISTING BOX H	A	B	D	f	EACH COLLAR				
						CONC. COLLAR m ³ (CU. YD.)	REINFORCEMENT BARS G	L	EXPANSION BOLT NO. EACH	
300(12)	PIPE	810 (32)	810 (32)	300 (12)	50(2)	0.14(0.18)	254 (10)	1.40m (4'-7")	9(12)	4
450(18)	PIPE	990 (39)	990 (39)	450 (18)	65(2 1/2)	0.18(0.24)	324 (12 3/4)	1.68m (5'-6")	11(15)	4
600(24)	PIPE	1.17m (3'-10")	1.17m (3'-10")	600 (24)	75(3)	0.23(0.30)	400 (15 3/4)	1.98m (6'-6")	12(17)	4
600(24)	600(24)	1.35m (4'-5")	1.35m (4'-5")	750 (30)	90(3 1/2)	0.28(0.37)	416 (18 1/2)	2.29m (7'-6")	14(20)	4
750(30)	750(30)	1.52m (5'-0")	1.52m (5'-0")	900 (36)	100(4)	0.34(0.45)	546 (21 1/2)	2.57m (8'-5")	16(22)	8
900(36)	900(36)	1.7m (5'-7")	1.7m (5'-7")	1050 (42)	115(4 1/2)	0.38(0.50)	622 (24 1/2)	2.87m (9'-5")	18(25)	10
1050(42)	1050(42)	1.88m (6'-2")	1.88m (6'-2")	1200 (48)	125(5)	0.47(0.61)	692 (27 1/4)	3.15m (10'-4")	20(28)	10
1200(48)	1200(48)	2.06m (6'-9")	2.06m (6'-9")	1350 (54)	140(5 1/2)	0.61(0.80)	768 (30 1/4)	3.45m (11'-4")	22(30)	10



GENERAL NOTES

- The collar shall be constructed entirely of CLASS SI CONCRETE and in accordance with the applicable portions of Section 503 of the Standard Specifications. Reinforcement Bars shall conform to Section 508.
- Expansion Bolts shall consist of approved Expansion Anchors, and M20(3/4) Hook Bolts which conform to Section 1006.09. These Bolts shall extend at least 200(8) into the new Concrete.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD

PIPE CULVERT EXTENSION
COLLAR
(WITH END SECTION)

CADD STD. NO. 542001-D4
SCALE: NOT DRAWN TO SCALE
DATE **DATE**

DRAWN BY CADD
CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. J-11.02, NEW REVISION BOX, REVISED TITLE BOX, ADDED QUANTITY CALCULATION BOX.	T.P.

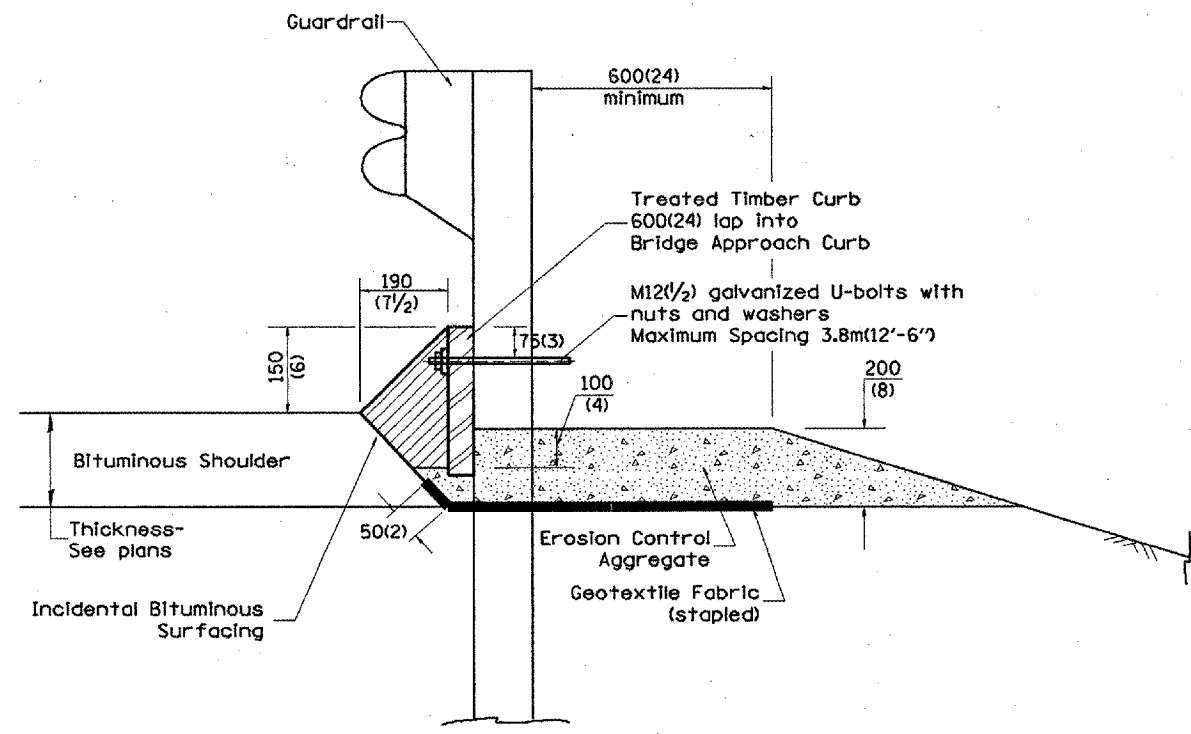
QUANTITIES

CALC. BY: _____ DATE: _____
CHECKED BY: _____ DATE: _____

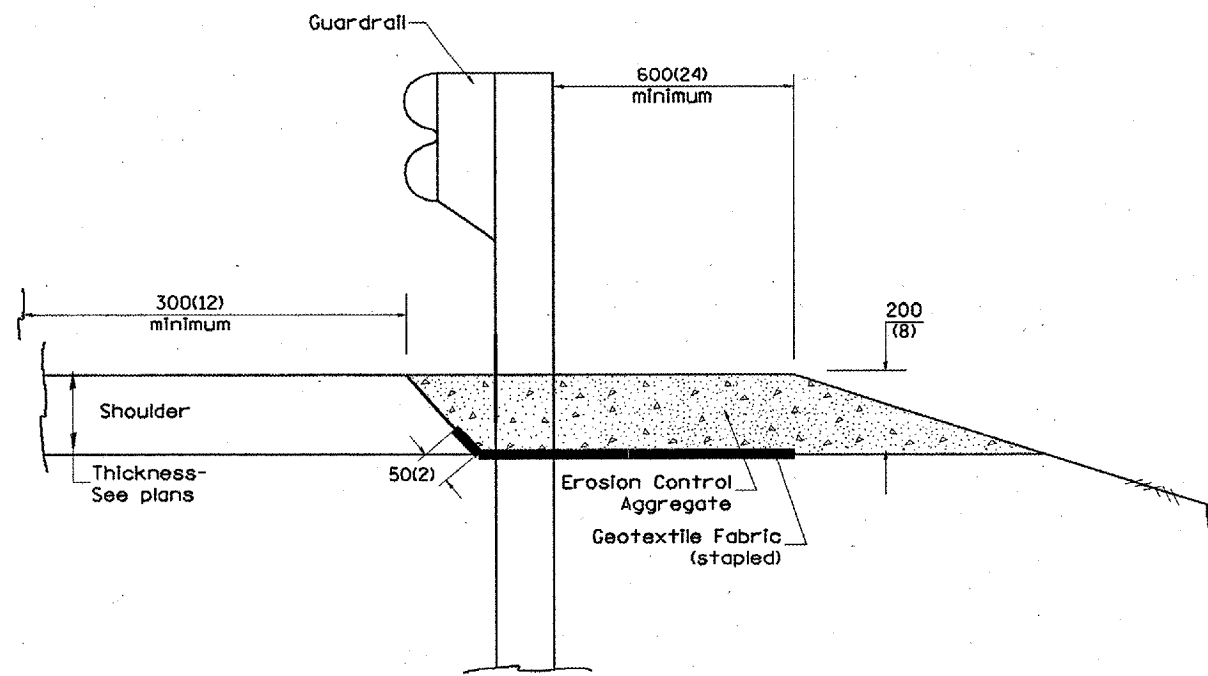
QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE, BUREAU OF PROJECT IMPLEMENTATION, DOCUMENTATION SECTION

DATE

CONTRACT 88757				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1)RS	MCDONOUGH	83	79
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 "cca" 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

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.

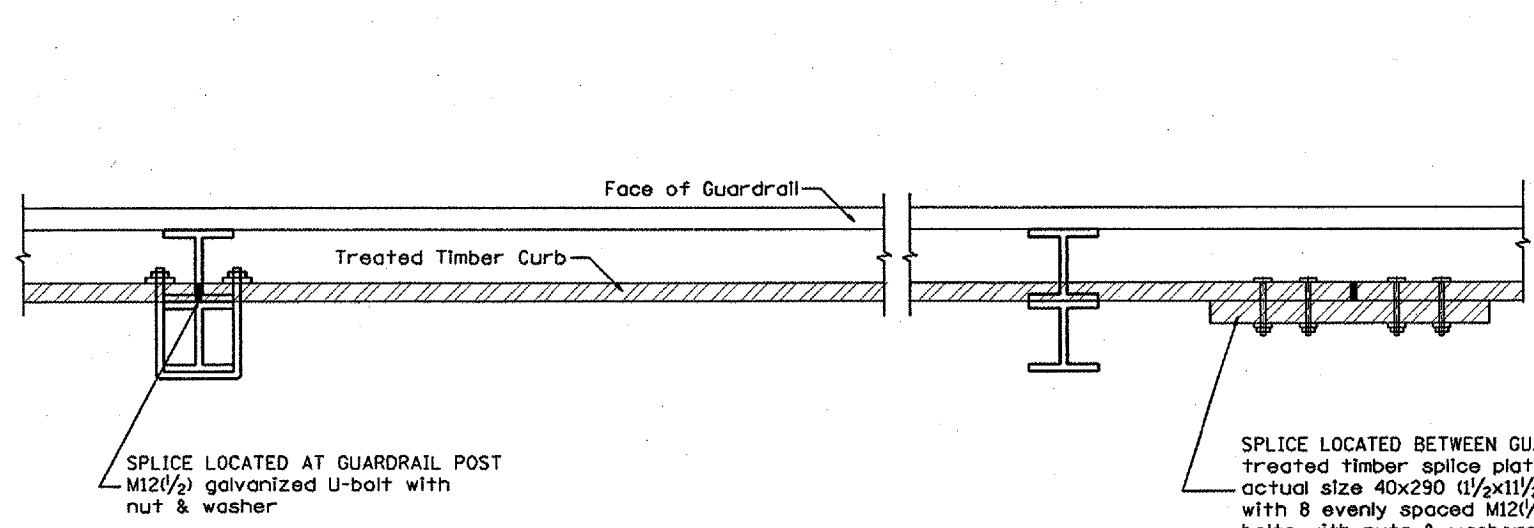
GUARDRAIL EROSION CONTROL TREATMENTS

CADD STD NO. 630101-D41D
SCALE: NOT DRAWN TO SCALE
SHEET 1 OF 2
DRAWN BY CADD
CHECKED BY

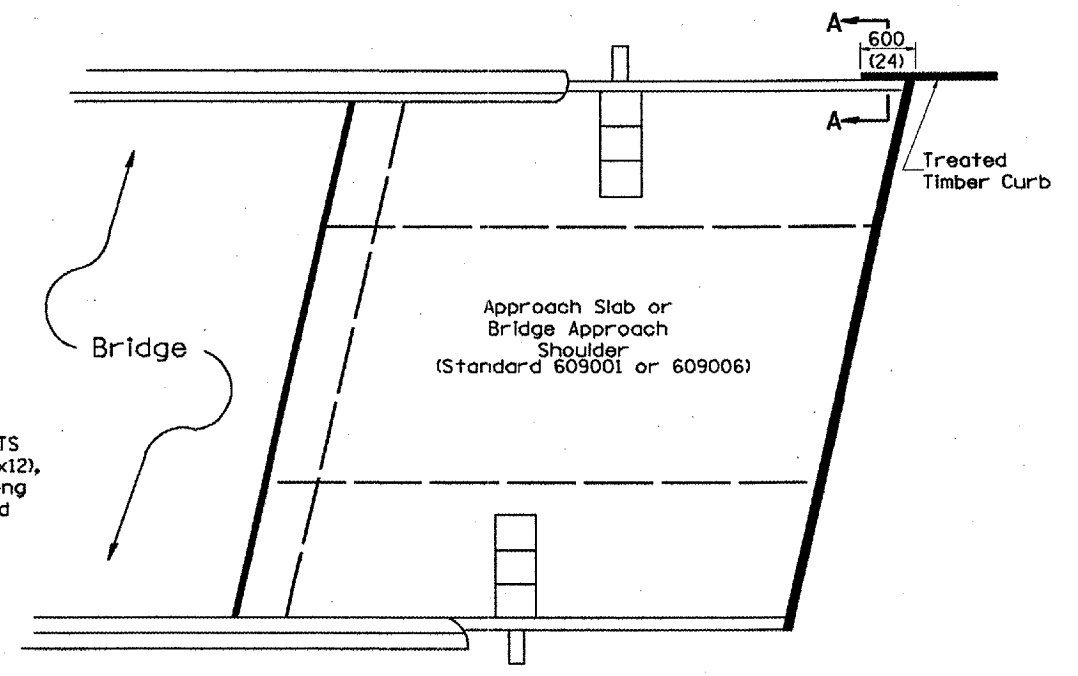
DATE

DGN-ONLY

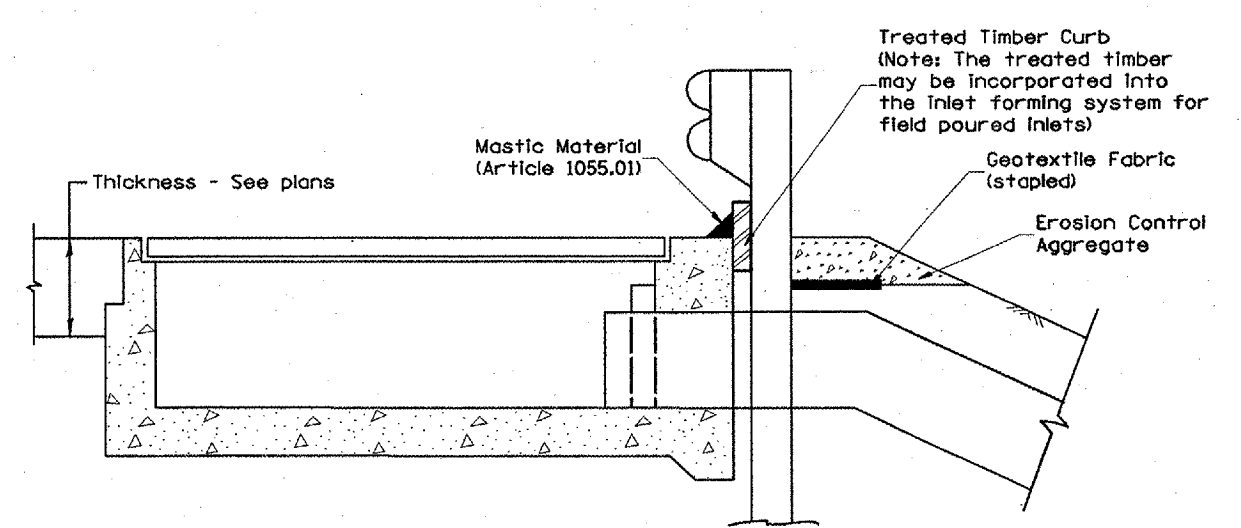
CONTRACT 88757				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	C38-1RS	MCDONOUGH	83	80
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



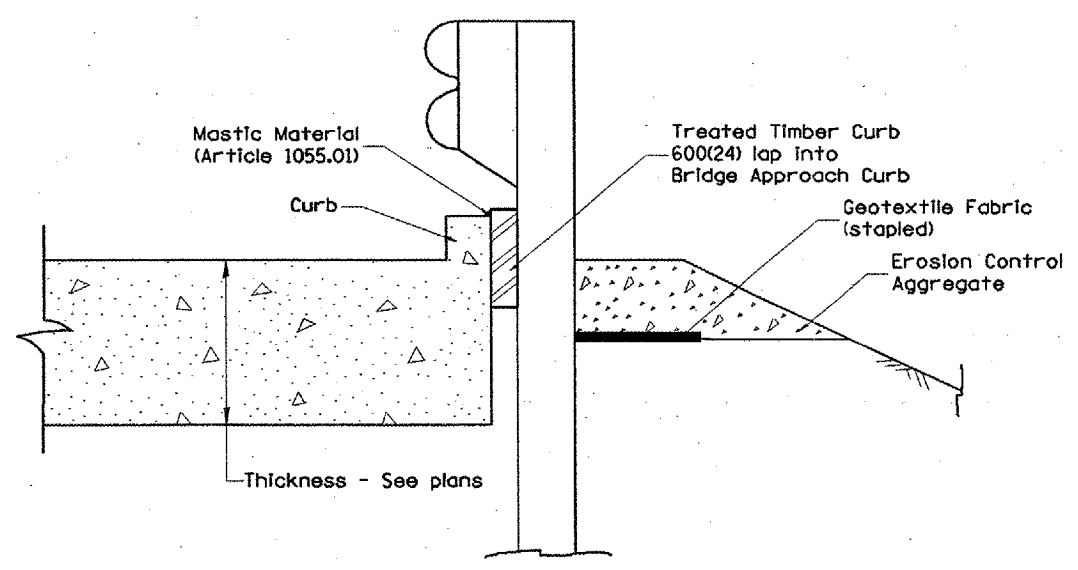
DETAIL A
(Typical Treated Timber Splices)



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.

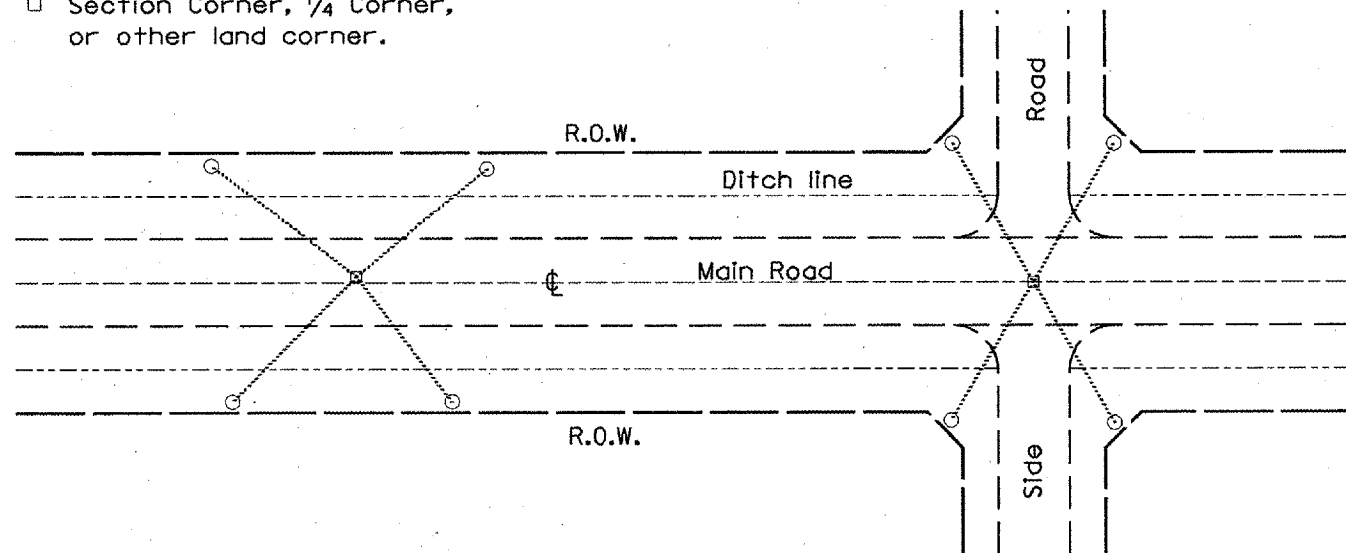
ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
GUARDRAIL EROSION CONTROL TREATMENTS	
CADD STD NO. 630101-0429	SHEET 2 OF 2
SCALE: NOT DRAWN TO SCALE	DRAWN BY CADD
	CHECKED BY

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	C38-11RS	MCDONOUGH	83	81
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PERMANENT SURVEY TIES

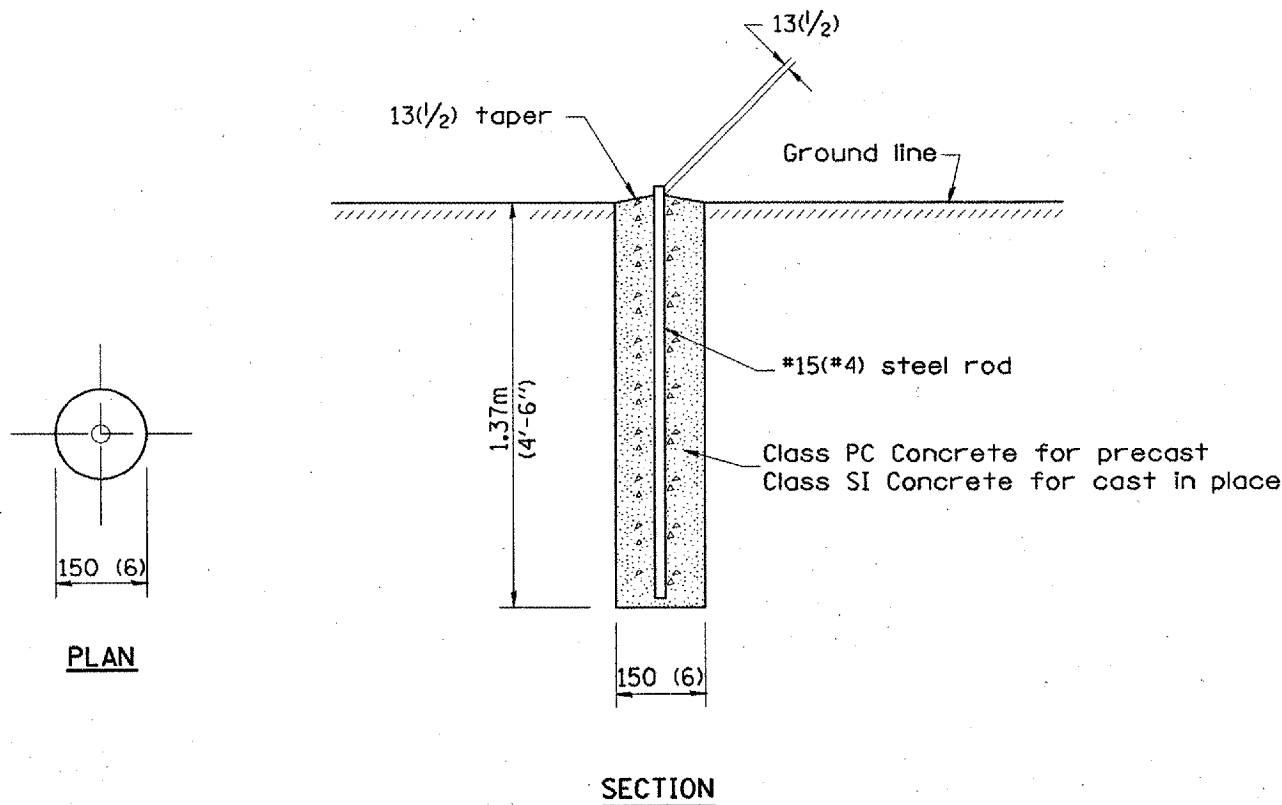
- Permanent Survey Tie
- Section Corner, 1/4 Corner, or other land corner.



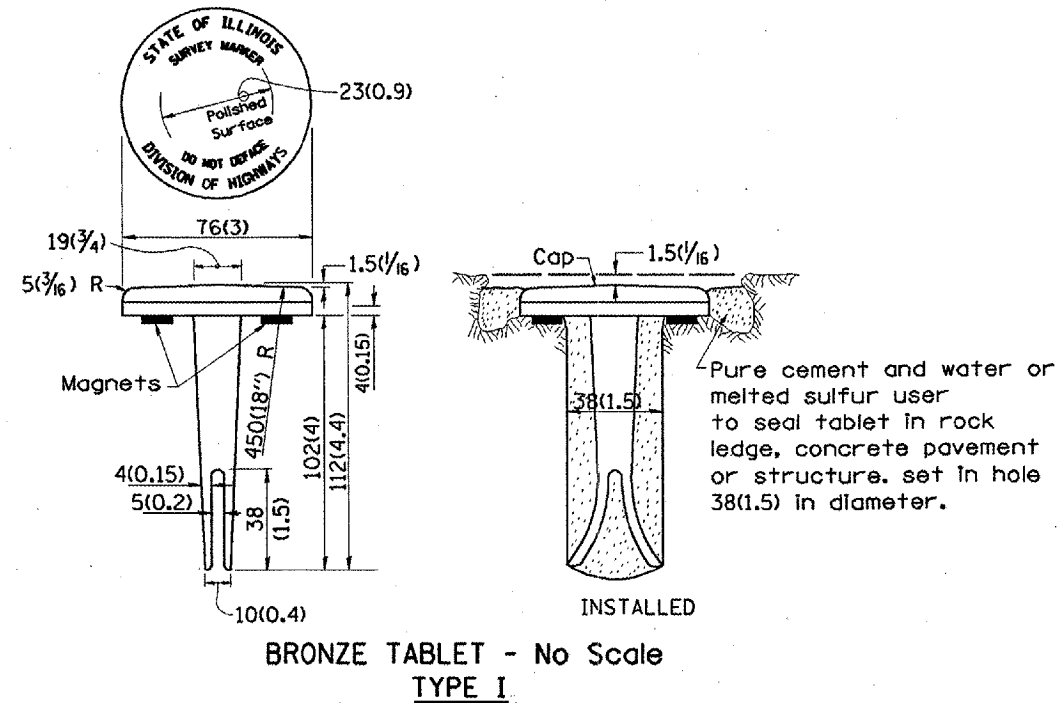
TYPICAL APPLICATION

GENERAL NOTES

- The marker may be either precast of Class PC Concrete, or cast in place of Class SI Concrete.
- The marker shall be installed after the final seeding has been completed unless otherwise specified by the Engineer.
- The tie distances to the section corner shall be measured and recorded by the IDOT Chief of Surveys.



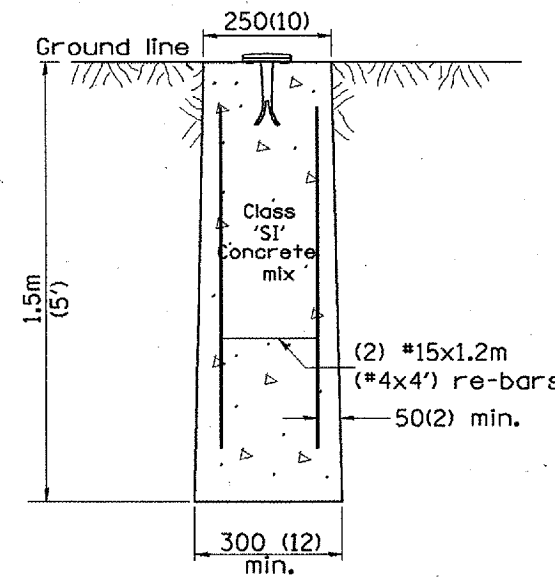
PERMANENT SURVEY MARKERS



BRONZE TABLET - No Scale TYPE I

GENERAL NOTES

- All type II markers shall be cast in place, and precast markers will not be allowed.
- Two permanent magnets, each having a diameter of 19 (3/4) and a thickness of 6 (1/4), or equivalent, shall be attached to the underside of the tablet with an approved epoxy bonding agent.
- The location of the markers shall be in accordance with the plans in general, the markers will be placed at the P.T.'s and P.C.'s of horizontal curves and spaces along the tangents in a way that a minimum of two markers are always inter-visible, and not to exceed 300m(1000').
- The markers shall be placed under the direction of the Engineer and shall be installed in a workmanlike manner in order that there will be no further settlement or horizontal shifting. The monuments shall be placed in a way that the survey point will fall within the portion of the plaque provided for that purpose.
- The project designation, the centerline station, the survey point, and the elevation shall be permanently marked by the use of metal dies after marker has been installed.



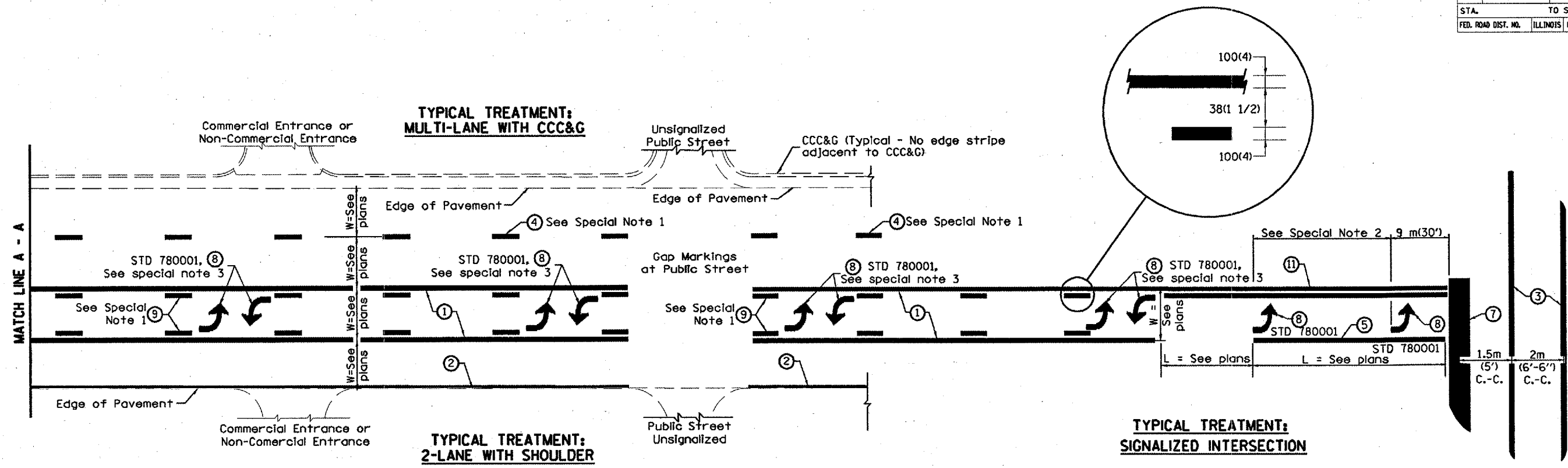
MARKER CAST IN PLACE TYPE II

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

ILLINOIS DEPARTMENT OF TRANSPORTATION	
DISTRICT CADD STANDARD	
PERMANENT SURVEY TIE & PERMANENT SURVEY MARKERS TY.I - TY.II	
CADD STD. NO. 667101-04	DRAWN BY CADD
SCALE: NOT DRAWN TO SCALE	CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. D-3.01, NEW REVISION BOX	T.P.
7-7-98	ADD DESIGNER NOTE, REVISED TITLE BOX	J.A.
	ADD DESIGNER NOTE	

F.A. RYE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	(38-1)RS	MCDONOUGH	83	82
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) 45°
- ⑪ 100(4) Double Solid (Yellow) 280(11) C.-C. See Table A

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

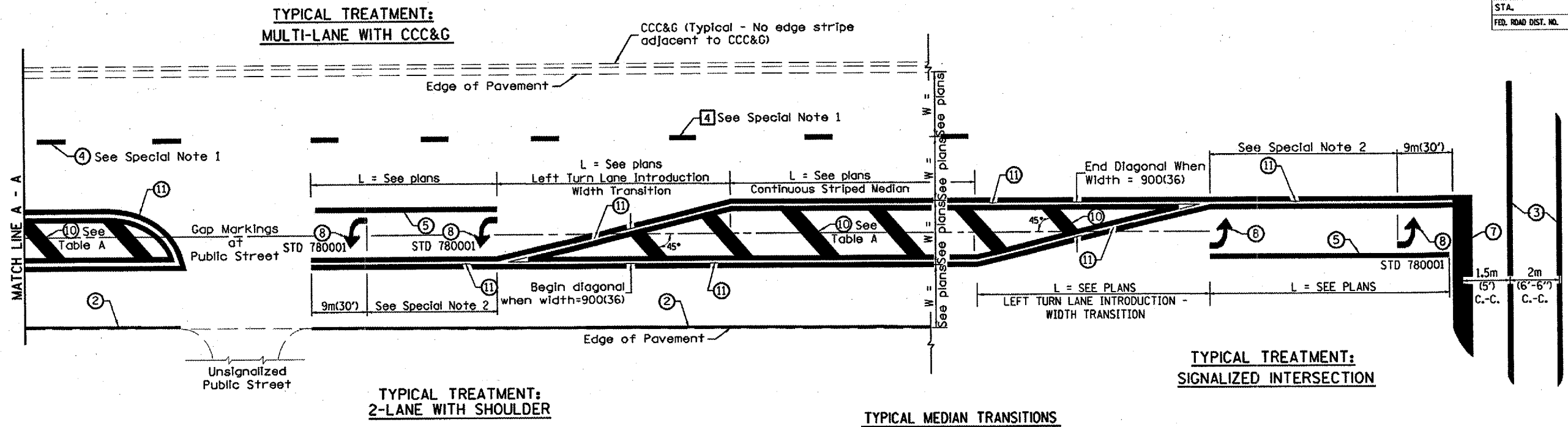
TYPICAL PAVEMENT MARKINGS

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 DMNS. WITH T.S.	M.A.

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

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

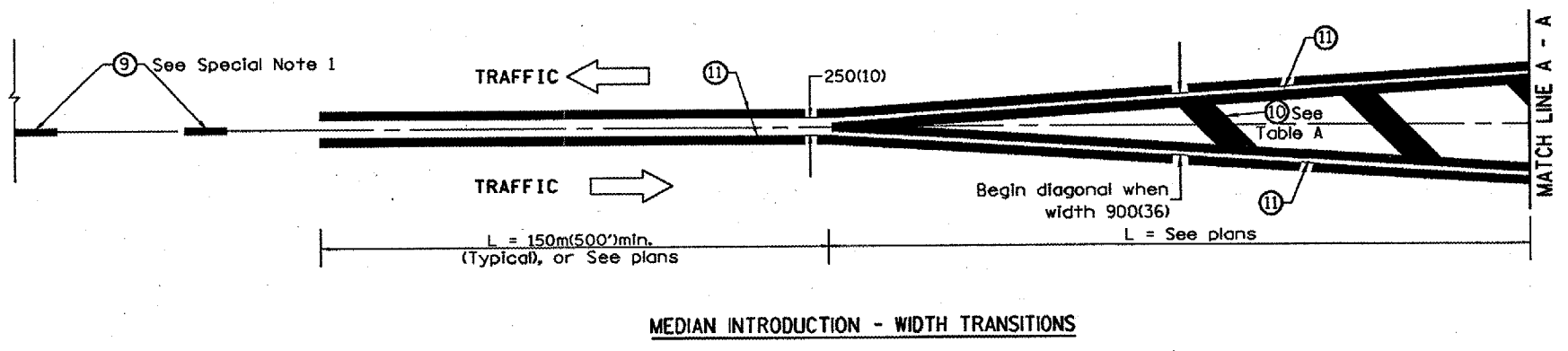
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	C38-11RS	MCDONOUGH	83	83
STA. TO STA.				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 50 km/h (30 mph)	15m (50')	5m (15')
50 - 70 km/h (30 - 45 mph)	23m (75')	6m (20')
Over 70 km/h (45 mph)	46m (150')	9m (30')



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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT CADD STANDARD
TYPICAL PAVEMENT MARKINGS
 CADD STANDARD 780001-D4 SHEET 2 OF 2
 SCALE: NOT DRAWN TO SCALE DRAWN BY CADD
 CHECKED BY

DATE