

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	151	DEWITT	20	1

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS**

**FAP ROUTE 71 (IL 54)
SECTION 151
DEWITT COUNTY**

C-95-055-07

**SLOPE STABILIZATION
1.3 MILES WEST OF T.R. 1650E**

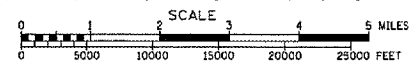
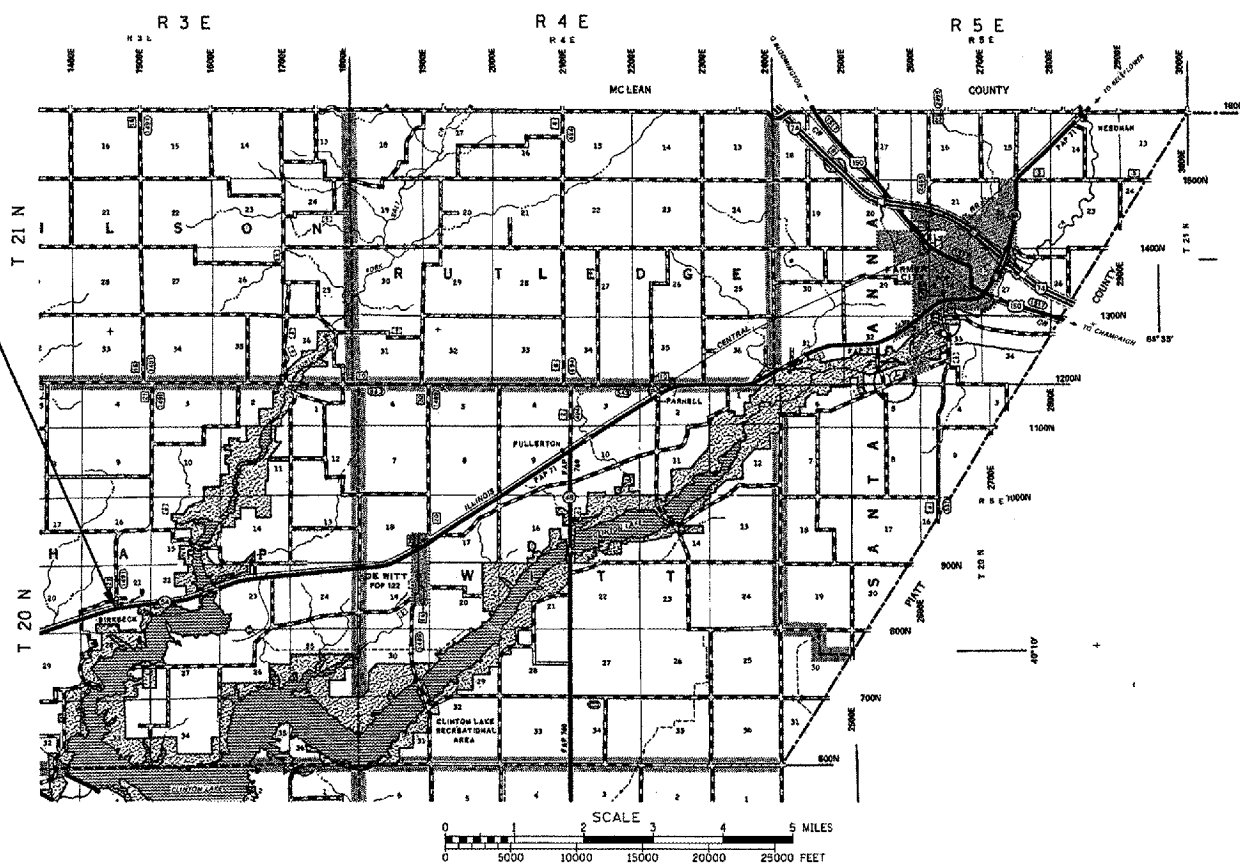


FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4

CURRENT ADT
F.A.P. 71 (IL 54)
DESIGN ADT = 2550

DESIGN DESIGNATION
FUNCTIONAL CLASSIFICATION
OTHER PRINCIPAL ARTERIAL

PROJECT BEGINS STA. 2305+00.00
PROJECT ENDS STA. 2305+89.00



TOTAL LENGTH OF SECTION & PROJECT = 290.00 FEET = 0.055 MILES
NET LENGTH OF SECTION & PROJECT = 290.00 FEET = 0.055 MILES

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

CONTRACT NO. 70675

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 12/11 20 07
Joey E. Crow
DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER

February 1, 20 08
Eric E. Starnik
ENGINEER OF DESIGN AND ENVIRONMENT

February 1, 20 08
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

PROJECT ENGINEER: KEVIN TRAPP
SQUAD LEADER: MICHAEL LEROY
DESIGNER: MICHAEL LEROY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	151	DEWITT	20	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

INDEX OF SHEETS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	COVER SHEET
2	INDEX OF SHEETS /LIST OF HIGHWAY STANDARDS
3	GENERAL NOTES
4	SUMMARY OF QUANTITIES
5	EXISTING TYPICAL SECTION
6	PROPOSED TYPICAL SECTION
7	PLAN SHEET
8	TRAFFIC & EROSION CONTROL PLAN
9	DETAIL- REINFORCED STEEPENED SLOPE
10	DETAIL-TEMPORARY SHEET PILES
11	DETAIL-STONE RIPRAP DITCH CHECKS
12-15	DETAIL - TYPICAL APPLICATIONS OF PAVEMENT MARKINGS & MARKERS (URBAN AND) RURAL
16-20	CROSS SECTIONS

LIST OF HIGHWAY STANDARDS

<u>STANDARD NO.</u>	<u>DESCRIPTION</u>
001006	DECIMAL OF AN INCH AND A FOOT
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
630001-07	STEEL PLATE BEAM GUARDRAIL
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
701001-01	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 4.5 m (15') AWAY
701006-02	OFF-ROAD OPERATIONS, 2L, 2W, 4.5 m (15') to 600 mm (24") From Pavement Edge
701201-02	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701901	TRAFFIC CONTROL DEVICES
704001-04	TEMPORARY CONCRETE BARRIER
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

PLOT DATE = 12/19/2007
 PLOT FILE = G:\projects\14505507\14505507.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = COLLIER

ILLINOIS DEPARTMENT OF TRANSPORTATION
INDEX OF SHEETS
HIGHWAY STANDARDS
 F.A.P. 71 (IL 54)
 SECTION
 DEWITT COUNTY
 SCALE: N/A DRAWN BY: R.C.
 DATE: 08/23/07 CHECKED BY: M.J.

CONTRACT NO. 70675				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	151	DEWITT	20	3
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

G.N.-100

ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-105.09A

ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

G.N.-107.31

UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED (QUALITY LEVEL C &/OR QUALITY LEVEL D) AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY.

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED.

J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800)892-0123 OR 811.

G.N.-201

TREES THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. ANY TREE DUE TO ITS LOCATION AND DEEMED SUITABLE FOR SAVING BY THE ENGINEER SHALL BE PROTECTED DURING CLEARING AND SUBSEQUENT CONSTRUCTION OPERATIONS.

G.N. -406H

The following mixture requirements are applicable for this project:

Location(s):	
Mixture Use(s):	HMA Shldr
AC/PG:	PG 58-22
RAP %: (Max)**	30
Design Air Voids:	2.0% @ Ndes=30
Mixture Composition:	Other
(Gradation Mixture)	
Friction Aggregate:	N.A.

G.N.-482

ALL MATERIAL PLACED AS HOT-MIX ASPHALT SHOULDERS SHALL BE COMPACTED TO 94.0 - 98.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY. THIS REQUIREMENT SHALL APPLY TO IL 9.5L GRADATION SHOULDER MIXES AND OTHER MIXES (BOTTOM LIFT OF SHOULDERS). THIS MAXIMUM DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE OF FOUR TESTS AS IN OTHER QC/QA TESTING. A NUCLEAR GAUGE DENSITY/CORE CORRELATION SHALL BE PERFORMED FOR THE IL 9.5L MIXES AND OTHER MIXES USING STANDARD CORRELATION PROCEDURES.

NO COMMITMENTS

PLOT DATE = 02/09/2007
 FILE NAME = c:\projects\10505507\10505507\10505507.dgn
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = COLLIER

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

F.A.P. 71 (IL 54)
SECTION
DEWITT COUNTY

SCALE: N/A
DATE: 08/23/07

DRAWN BY: R.C.
CHECKED BY: M.L.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	151	DEWITT	20	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

LOCATION:

FAP 71 (IL 54)
DEWITT COUNTY

STA. 2304+25 TO 2507+15

RURAL
100% STATE
SFTY-2A

CONSTRUCTION CODE:

PAY ITEM CODE	PAY ITEM	UNIT	QTY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	78.0
20101700	SUPPLEMENTAL WATERING	UNIT	28.0
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CUYD	1101.0
20400800	FURNISHED EXCAVATION	CUYD	1386.0
25000300	SEEDING, CLASS 3	ACRE	0.2
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	18.0
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	18.0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	18.0
25100630	EROSION CONTROL BLANKET	SQYD	786.0
28000255	TEMPORARY EROSION CONTROL SEEDING	ACRE	0.2
28000300	TEMPORARY DITCH CHECKS	EACH	27.0
28000310	AGGREGATE DITCH CHECKS	EACH	3.0
28000400	PERIMETER EROSION BARRIER	FOOT	250.0
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	96.0
28200200	FILTER FABRIC	SQ YD	190.0
44004000	PAVED DITCH REMOVAL	FOOT	160.0
51205200	TEMPORARY SHEET PILING	SQ FT	2520.0
60100076	SHOULDER REMOVAL AND REPLACEMENT 11"	FOOT	84.0
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	175.0
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1 (SPECIAL) TANGENT	EACH	2.0
63200710	STEEL PLATE BEAM GUARD RAIL REMOVAL, TYPE A	FOOT	275.0
66101150	HOT-MIX ASPHALT SHOULDER CURB	FOOT	84.0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3.0
67100100	MOBILIZATION	L SUM	1.0
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.0
70400100	TEMPORARY CONCRETE BARRIER	FOOT	90.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	94.0
* 78200400	GUARRDRAIL REFLECTORS	EACH	4.0
* 78201000	TERMINAL MARKER-DIRECT APPLIED	EACH	2.0
X0325608	GEOSYNTHETIC REINFORCEMENT	SQYD	504.0
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2.0

*SPECIALTY ITEM

PLOT DATE = 02/09/2007
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 USER NAME = collingrwn

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.P. 71 (IL 54)
SECTION
DEWITT COUNTY

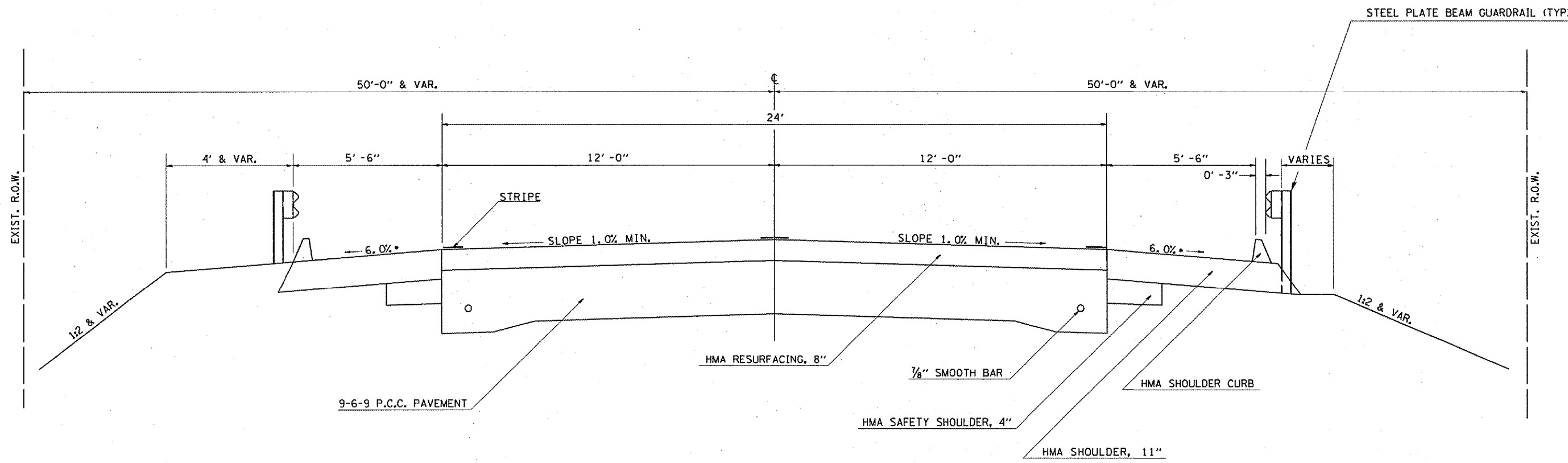
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DATE: 08/23/07

DRAWN BY: R.C.
CHECKED BY: M.L.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	151	DEWITT	20	5
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EXISTING TYPICAL CROSS SECTION

STATION 2303+00.00 TO STATION 2306+00.00



PLOT DATE = 12/17/2007
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 USER NAME = collierbw

ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL CROSS SECTION

F.A.P. 71 (IL 54)
 SECTION
 DEWITT COUNTY

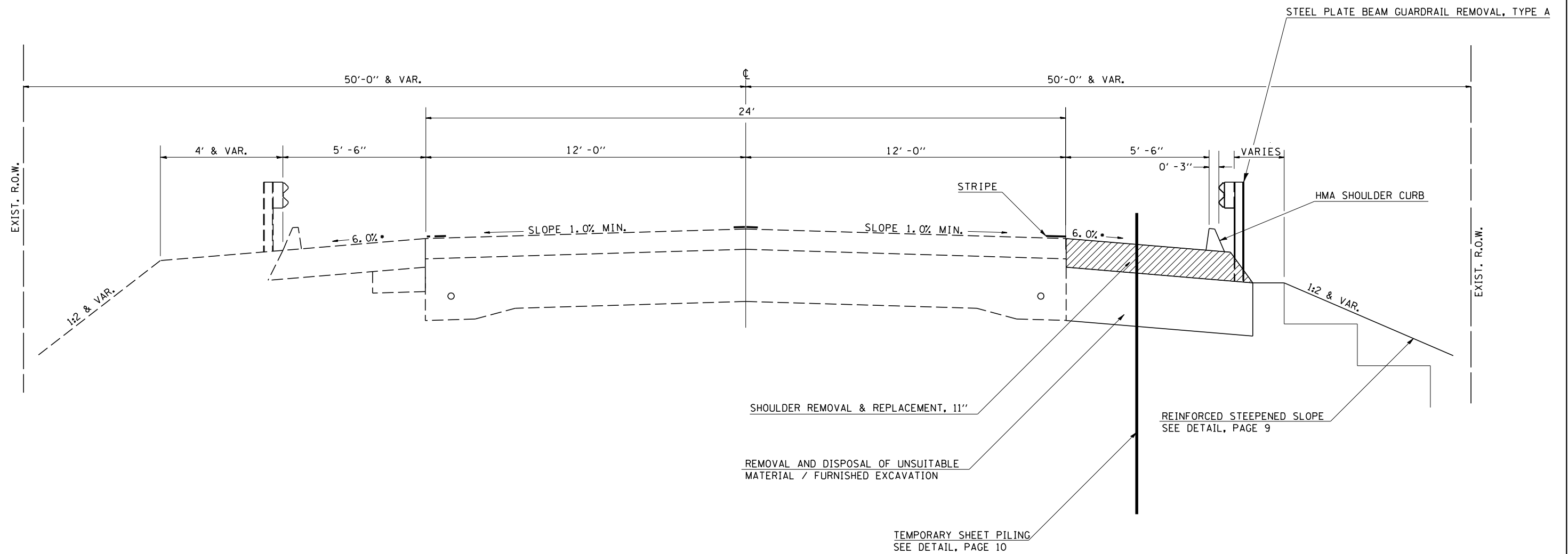
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DRAWN BY: R.C.
 CHECKED BY: M.L.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	151	DEWITT	20	6
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PROPOSED TYPICAL CROSS SECTION

STATION 2303+00.00 TO STATION 2306+00.00

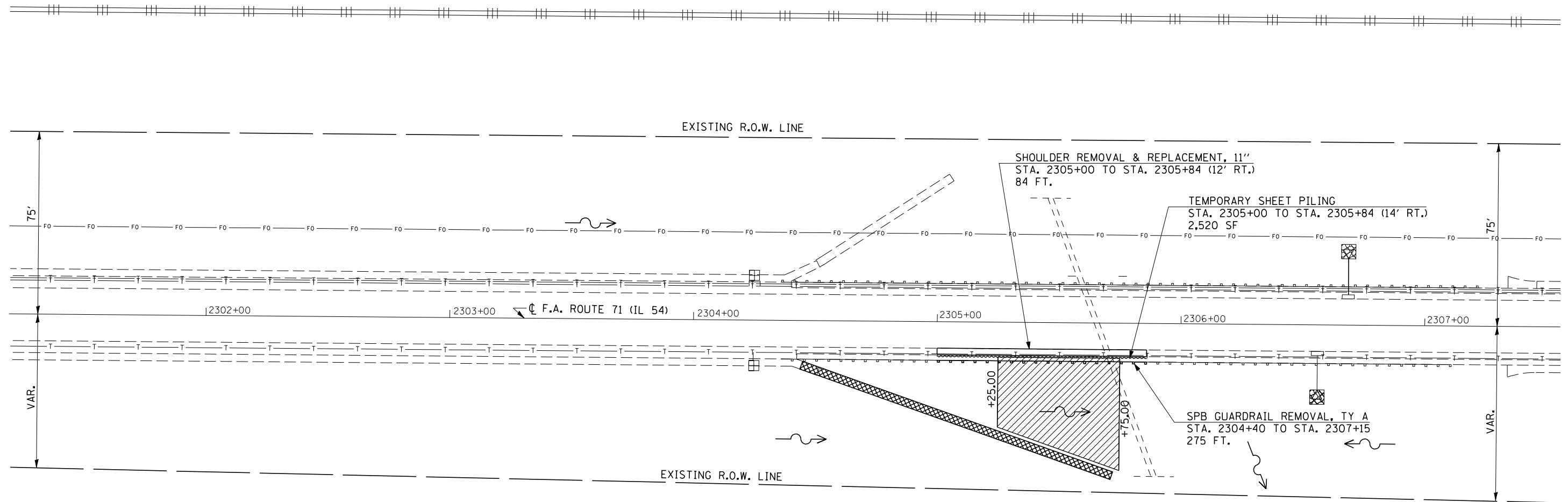


PLOT DATE = 12/19/2007
 FILE NAME = c:\projects\0505507 (v8)\70675\typical.dgn
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = collierdw

 SHOULDER REMOVAL AND REPLACEMENT, 11"

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TYPICAL CROSS SECTION
 F.A.P. 71 (IL 54)
 SECTION
 DEWITT COUNTY
 SCALE: N/A
 DATE: 11/07
 DRAWN BY: R.C.
 CHECKED BY: M.L.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	151	DEWITT	20	7
STA. 2302+00		TO STA. 2307+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



EARTHWORK SCHEDULE

STATION	EARTH EX. CU YDS	SUITABLE EXCAVATION CUYDS	FURNISHED EX. CUYDS
2304+25			
	0.9	0.0	0.0
2304+50			
	11.7	0.0	0.0
2304+75			
	11.6	0.0	7.8
2305+00			
	138.8	0.0	203.9
2305+25			
	308.9	0.0	444.1
2305+50			
	384.6	0.0	488.7
2305+75			
	213.9	0.0	240.7
2306+00			
TOTAL	1070.5		1385.3

PAVED DITCH REMOVAL (44004000)
STA. 2304+25 TO STA. 2305+75 RT.
160 FT.

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200)
STA. 2305+25 TO STA. 2305+75 RT
1,101 CU YD.

STEEL PLATE BEAM GUARDRAIL, TYPE A (63000000)
STA. 2305+20 TO STA 2306+95 (18' RT)
175 FT

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPL) TANGENT (63100167)
STA. 2305+00 (19' RT)
STA. 2307+15 (19' RT)
2 EACH

ILLINOIS DEPARTMENT OF TRANSPORTATION

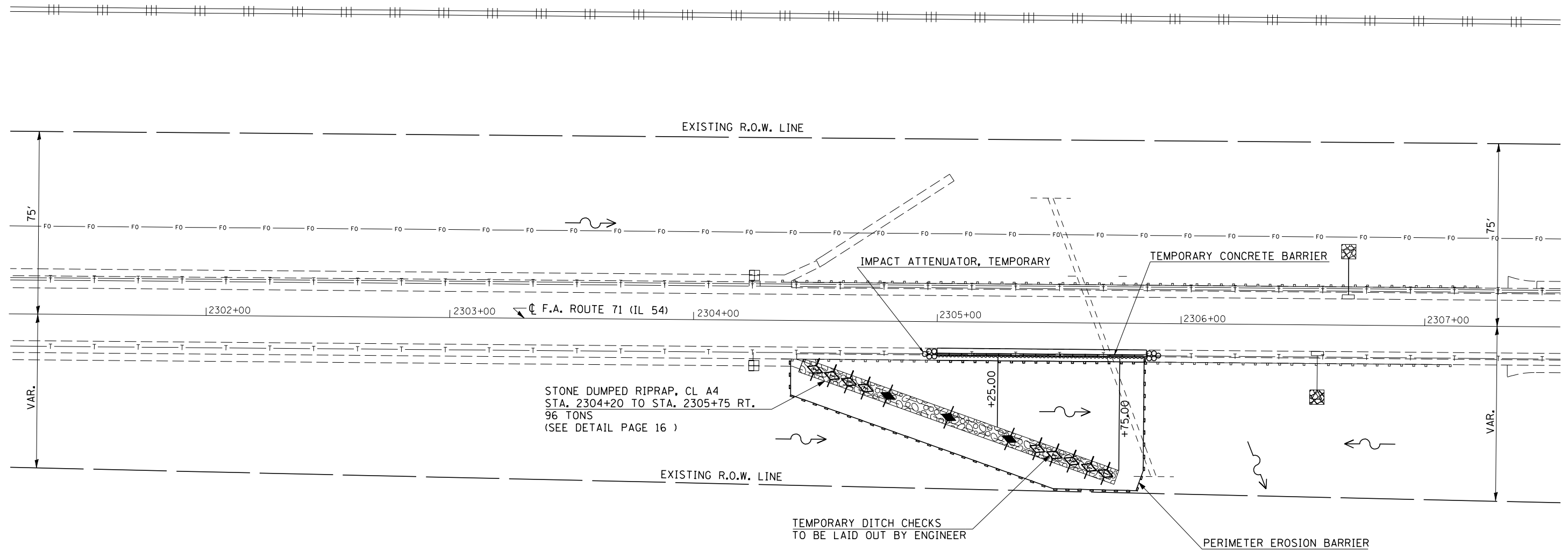
PLAN

F.A.P. 71 (IL 54)
SECTION
DEWITT COUNTY

SCALE: 1"=40'
DATE: 08/23/07

DRAWN BY: R.C.
CHECKED BY: M.L.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	151	DEWITT	20	8
STA. 2302+00		TO STA. 2307+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



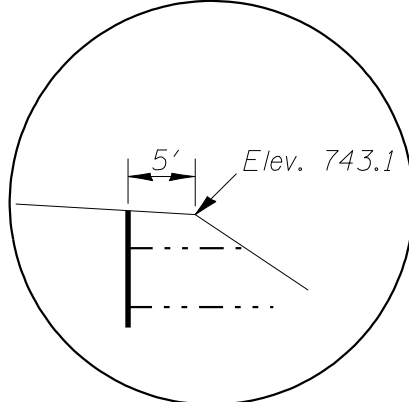
PERIMETER EROSION BARRIER (28000400)
 STATION 2305+20 (26' RT) TO
 STATION 2305+75 (70' RT - 17' RT)
 250 FT

AGGREGATE DITCH CHECKS (28000310)
 STA. 2304+80
 STA. 2305+05
 STA. 2305+30
 3 EACH

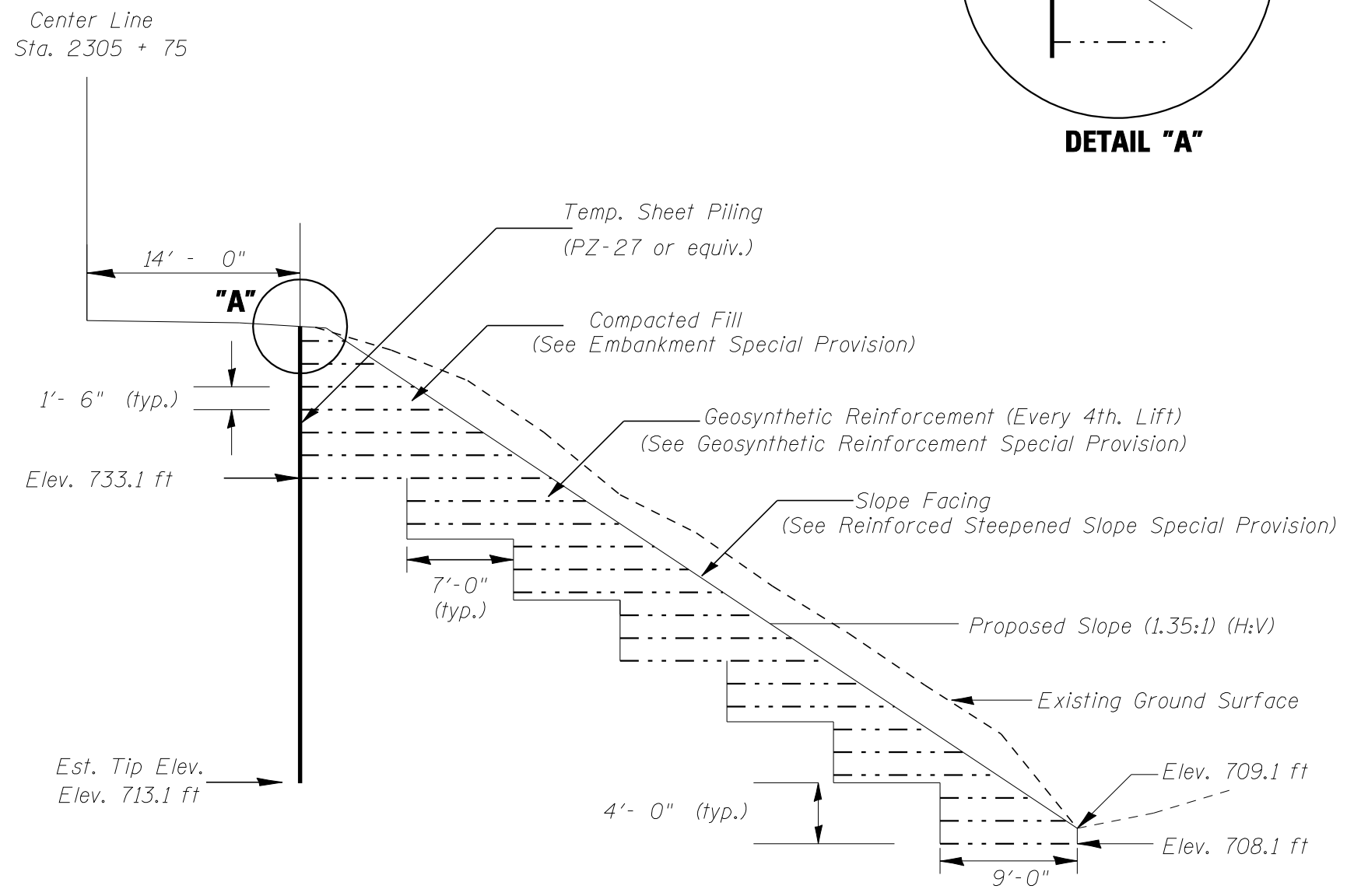
ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC & EROSION CONTROL PLAN
 F.A.P. 71 (IL 54)
 SECTION
 DEWITT COUNTY
 SCALE: 1"=40'
 DATE: 08/23/07
 DRAWN BY: R.C.
 CHECKED BY: M.L.

PLOT DATE = 12/17/2007
 FILE NAME = c:\projects\70675\plan.dgn
 PLOT SCALE = 42.3525 / IN.
 USER NAME = collierb

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	151	DEWITT	20	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



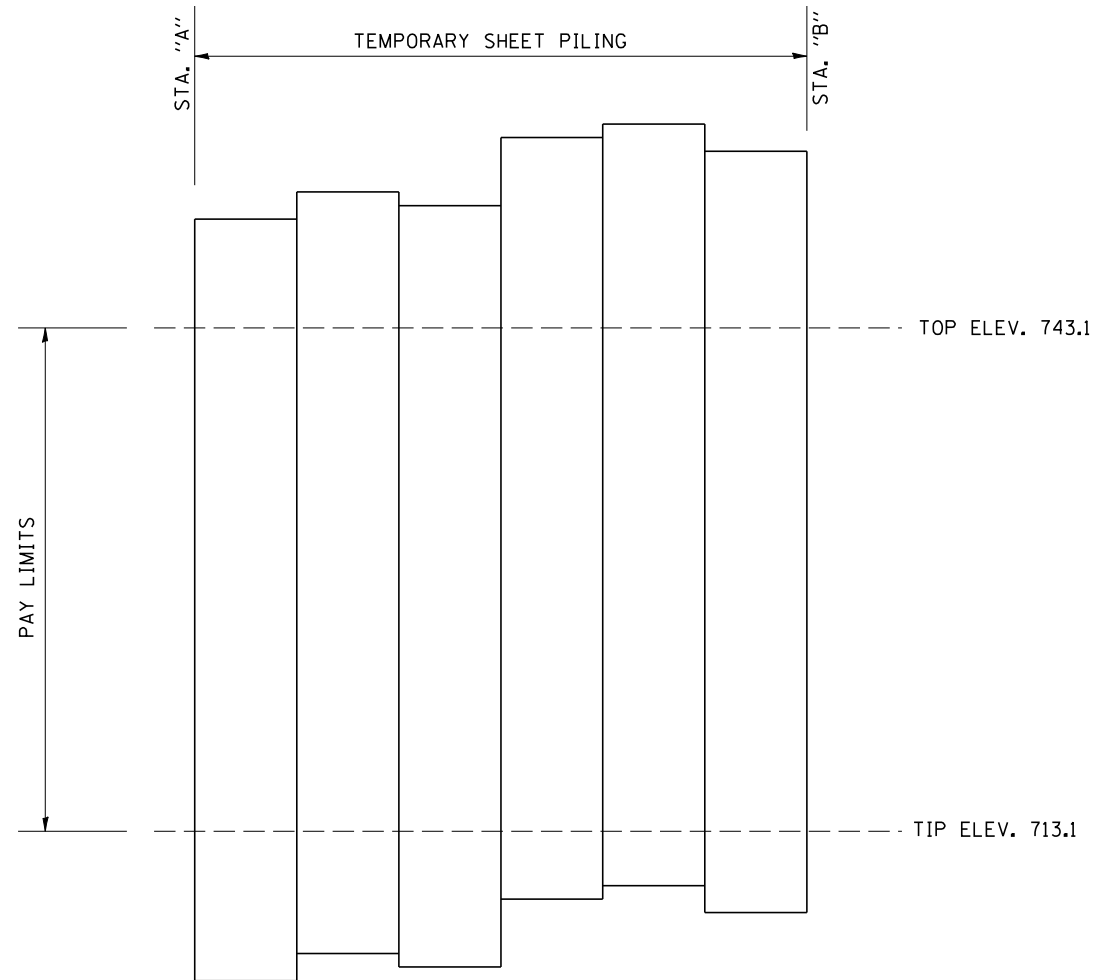
DETAIL "A"



PLOT DATE = 12/17/2007
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 USER NAME = collierdw

ILLINOIS DEPARTMENT OF TRANSPORTATION
DETAIL
REINFORCED STEEPENED SLOPE
 F.A.P. 71 (IL 54)
 SECTION
 DEWITT COUNTY
 SCALE: 1"=40'
 DATE: 08/23/07
 DRAWN BY: R.C.
 CHECKED BY: M.L.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	15I	DEWITT	20	10



TABULATION OF PAY LIMITS

STA "A"	OFFSET FT. (m)	STA "B"	OFFSET FT. (m)	TOP ELEV.	TIP ELEV.	QUANTITY SO.FT. (m ²)
2305+00	14' RT	2305+84	14' RT	743.1	713.1	2,520.0

NOTES:

PAYMENT WILL BE MADE ONLY FOR TEMPORARY SHEET PILING WITHIN THE LIMITS SHOWN ABOVE.

THE TOP ELEV. IS BASED ON THE GROUND LEVEL TO BE MAINTAINED BEHIND THE TEMPORARY SHEET PILING.

THE TIP ELEV. IS BASED ON THE SOIL BORINGS AND THE RECOMMENDATIONS OF THE DISTRICT MATERIALS ENGINEER.

THE TOP ELEV., TIP ELEV., AND LIMITS OF SHEET PILING ARE SUBJECT TO CHANGES BASED ON APPROVED SHOP DRAWINGS.

IF THE CONTRACTOR CHOOSES TO ALTER THE TEMPORARY CANTILEVERED SHEET PILING DESIGN REQUIREMENTS, THEN FULL DESIGN SUBMITTALS WITH THE REQUIRED SEALS WILL BE EXPECTED BY THE DEPARTMENT, FOR REVIEW AND APPROVAL.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DATE	REVISIONS	NAME
12/06	REPLACED DETAIL J-6.00	TJB

ILLINOIS DEPARTMENT OF TRANSPORTATION

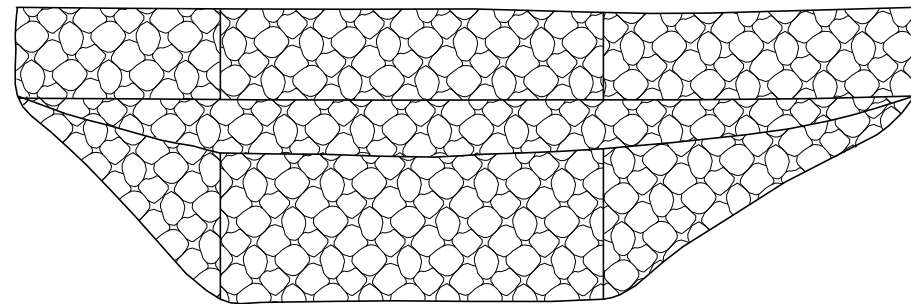
TEMPORARY SHEET PILING

DISTRICT 5 DETAIL NO. 51205200

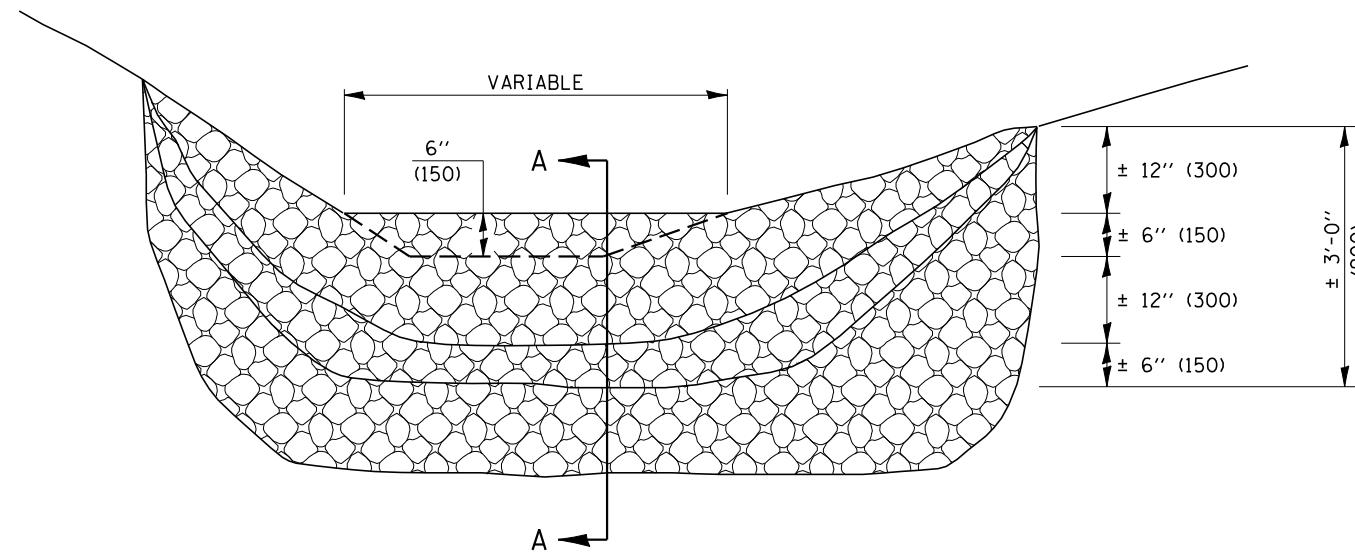
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	151	DEWITT	20	11

GENERAL NOTES

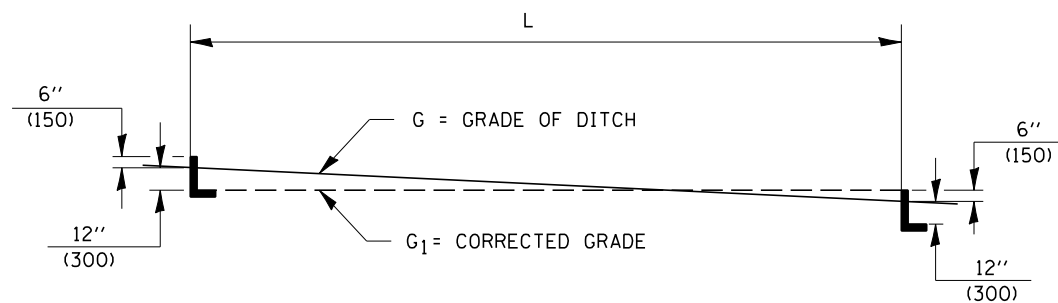
1. DITCH CHECKS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "STONE OR RIPRAP DITCH CHECKS", WHICH PRICE SHALL INCLUDE THE FURNISHING AND PLACING OF ALL MATERIALS FOR A COMPLETE INSTALLATION.
2. INDIVIDUAL STONES OR BROKEN CONCRETE SHALL NOT BE LESS THAN 6" (150 mm) IN THEIR SMALLEST DIMENSION.



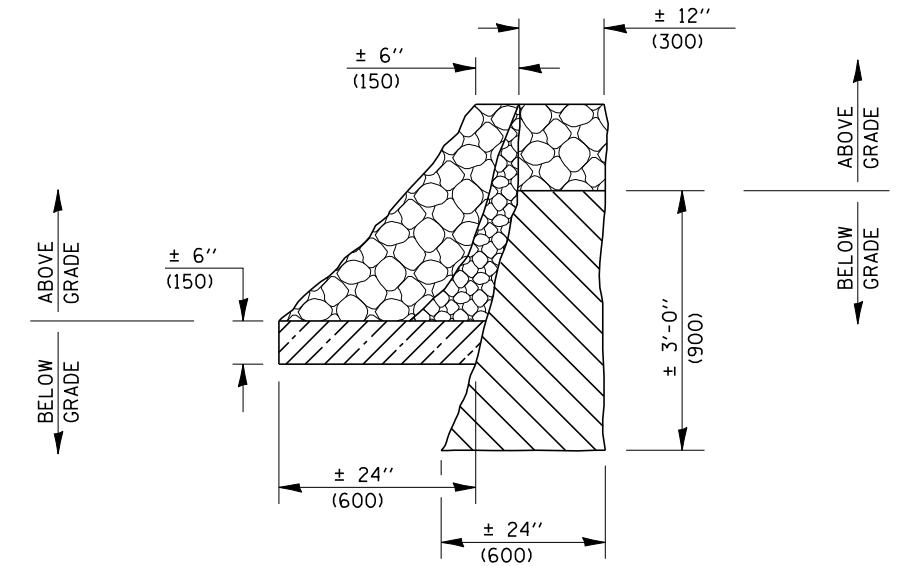
PLAN



DOWNSTEAM ELEVATION



METHOD OF PLACING DITCH CHECKS



- RIPRAP CUT IN PLANE OF VIEW
- RIPRAP CUT IN PLANE OF VIEW
- RIPRAP ABOVE GROUND BEYOND CUT PLANE
- RIPRAP ABOVE GROUND BEYOND CUT PLANE

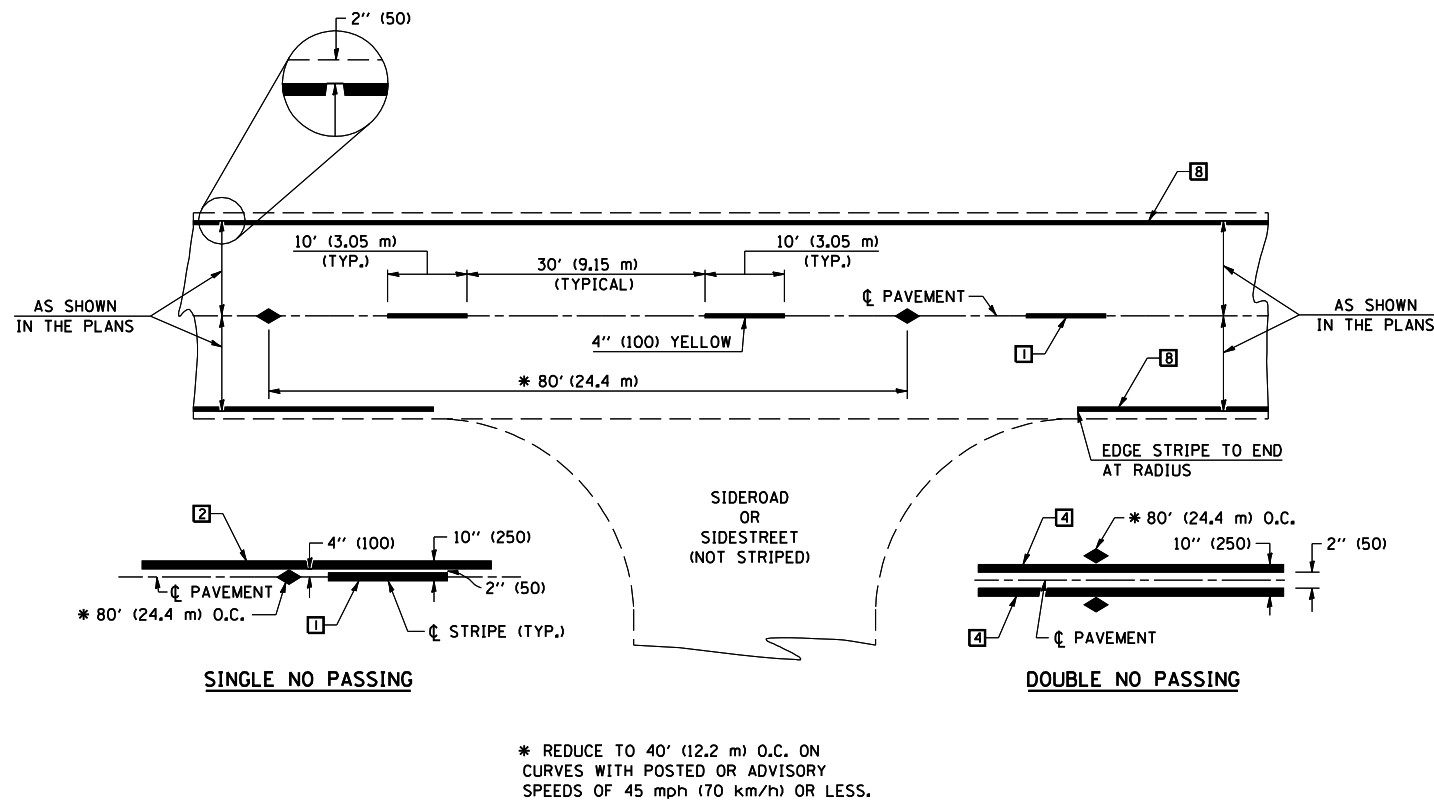
SECTION A-A

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DATE	REVISIONS	NAME	ILLINOIS DEPARTMENT OF TRANSPORTATION
11/06	REPLACED DETAIL A-12.15	TJB	<p style="text-align: center;">STONE RIPRAP DITCH CHECKS</p> <p style="text-align: center;">DISTRICT 5 DETAIL NO. 28102630</p>

PLOT DATE = 12/17/2007
 FILE NAME = c:\projects\4895587 (v8)\70675detail.dgn
 PLOT SCALE = 42,352% / IN.
 USER NAME = collierb

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	15I	DEWITT	20	12



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

TWO LANE/TWO WAY

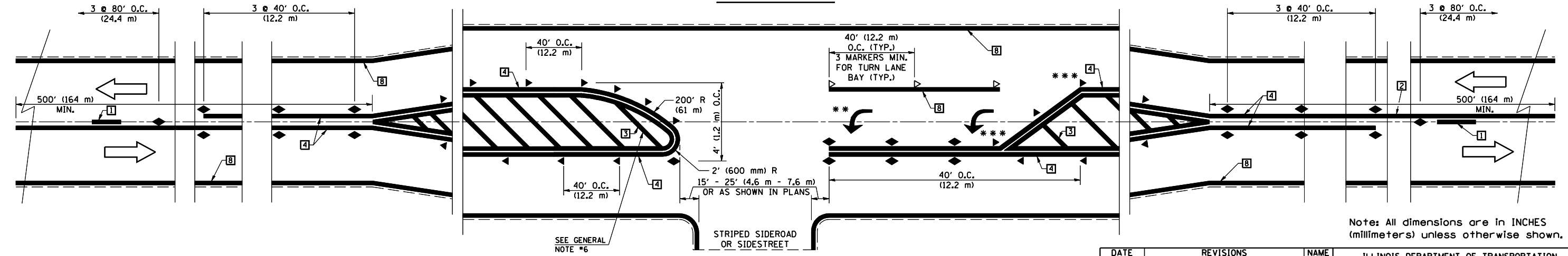
TYPICAL PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

RURAL LEFT TURN



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

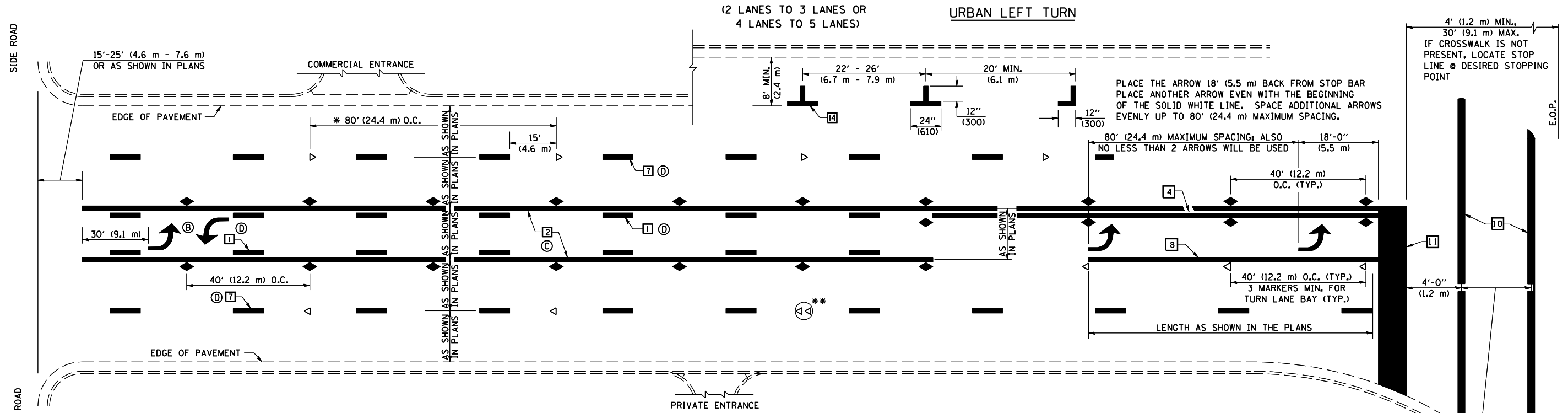
*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.
 ** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

DATE	REVISIONS	NAME
11/06	REPLACED DETAIL F-5.25	TJB

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)
DISTRICT 5 DETAIL NO. 7800AAA

PLOT DATE = 12/17/2007
 FILE NAME = c:\projects\4895587 (8)\78675detail.dgn
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 USER NAME = collierb

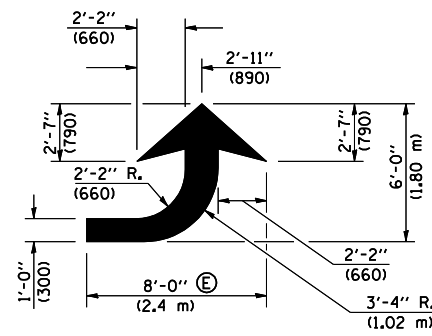
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	15I	DEWITT	20	13



* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

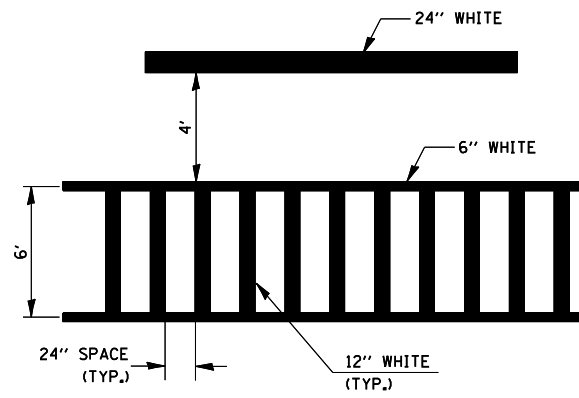
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

BLOOMINGTON-NORMAL CITY LIMITS ONLY

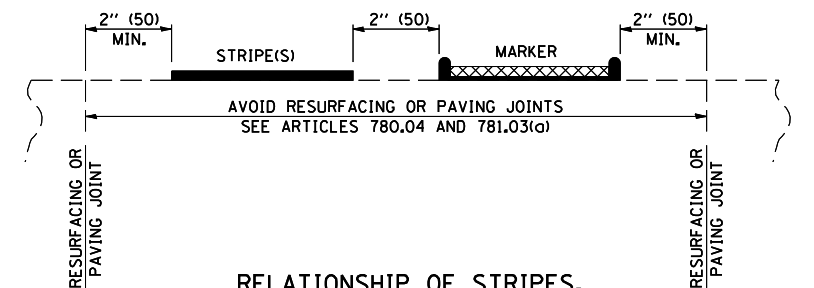


LEFT ARROW

REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)



**TYPICAL SPACING FOR
CROSSWALKS & STOP BARS**

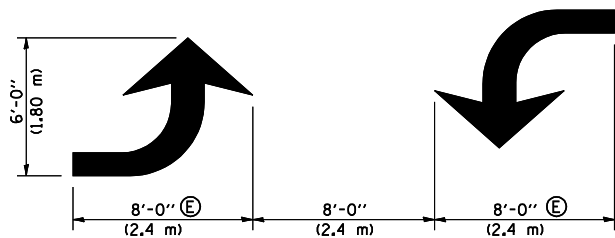


**RELATIONSHIP OF STRIPES,
MARKERS AND JOINTS**

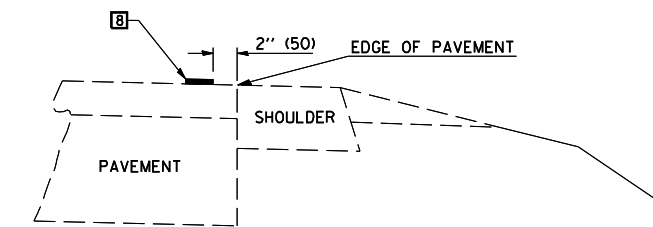
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

GENERAL NOTES:

- (B) TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- (C) THE SOLID YELLOW PAVEMENT MARKINGS (2) SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- (D) THE SKIP-DASH PAVEMENT MARKINGS (1) OR (7) SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
- (E) USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



**TYPICAL DOUBLE
TURN ARROWS (WHITE)**

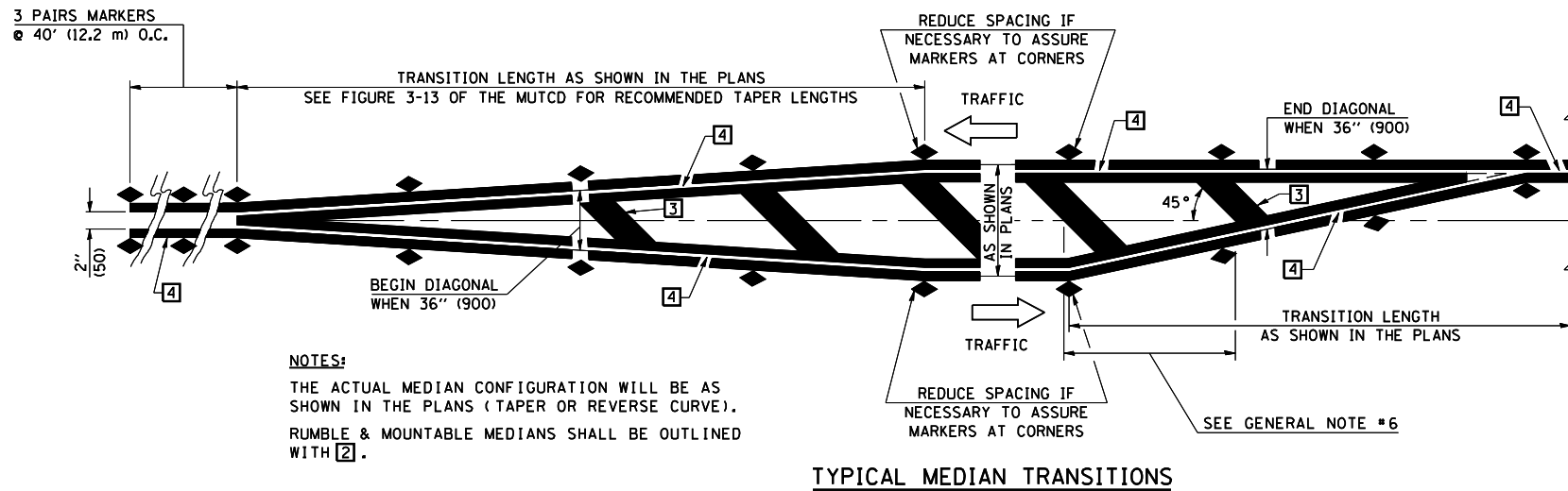


**RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT
(SAFETY SHOULDER OR PAVED SURFACE)
SEE ARTICLE 780.04**

DATE	REVISIONS	NAME
11/06	REPLACED DETAIL F-5.25	TJB

ILLINOIS DEPARTMENT OF TRANSPORTATION
**PAVEMENT MARKING AND
MARKERS (RURAL &
URBAN APPLICATIONS)**
DISTRICT 5 DETAIL NO. 7800AAA

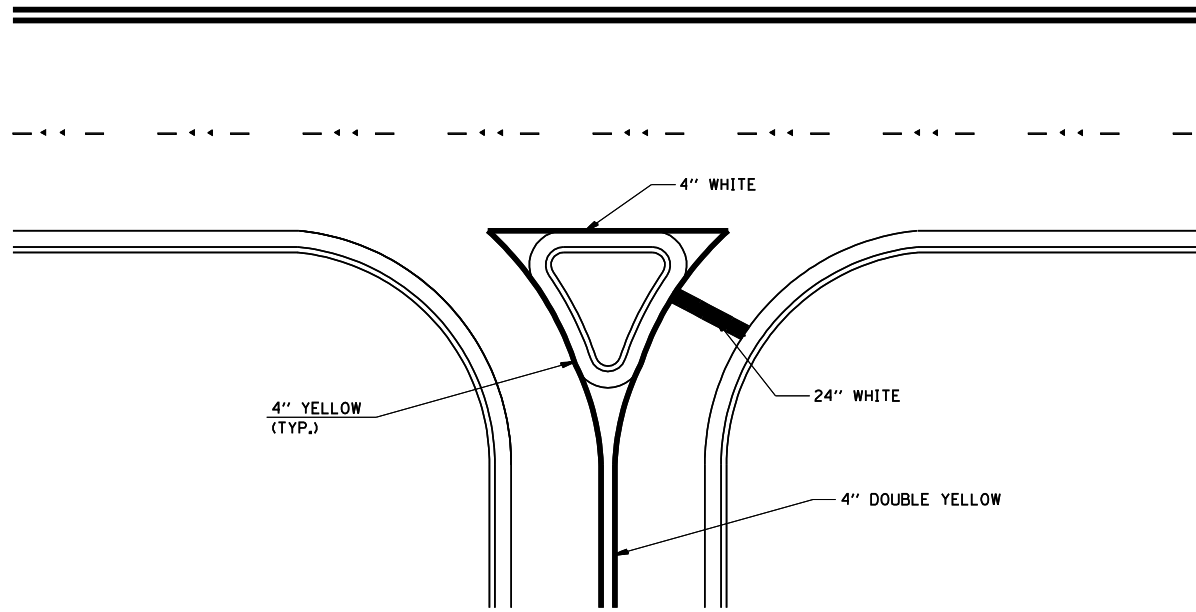
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	15I	DEWITT	20	14



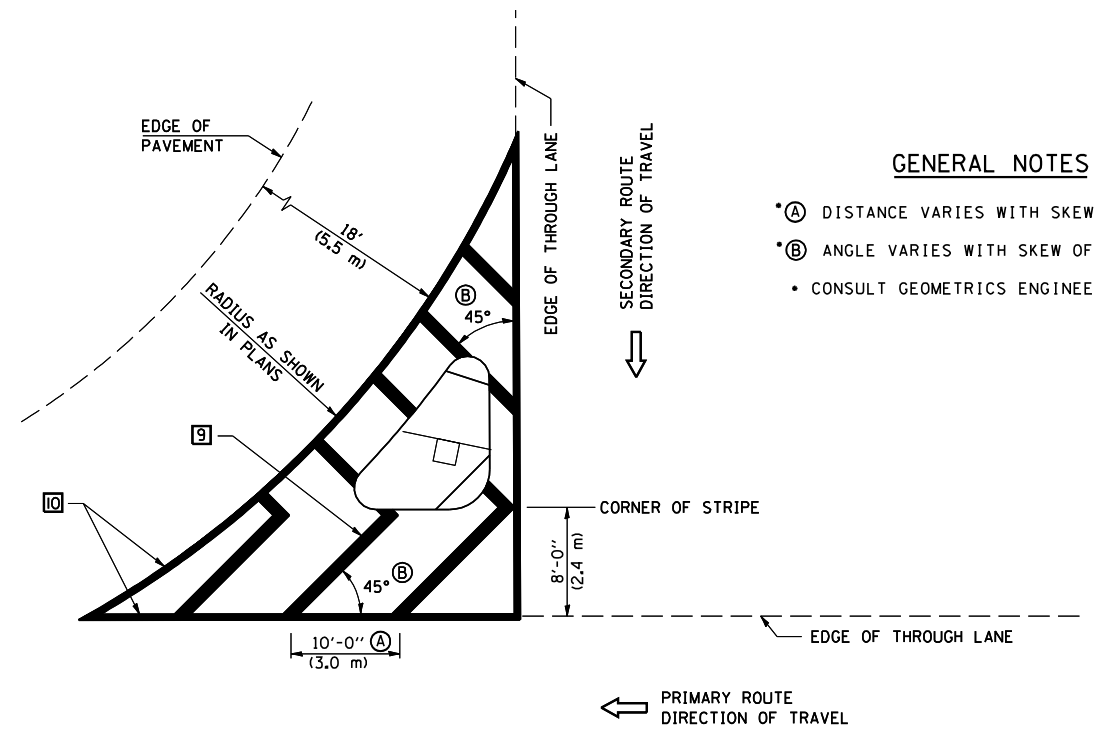
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,
 < 30 MPH USE 15' (< 50 km/h USE 4.5 m)
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
 > 45 MPH USE 30' (> 75 km/h USE 9.0 m)



RIGHT IN - RIGHT OUT ACCESS



GENERAL NOTES

- A DISTANCE VARIES WITH SKEW OF INTERSECTION.
- B ANGLE VARIES WITH SKEW OF INTERSECTION.
- CONSULT GEOMETRICS ENGINEER

ISLAND

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

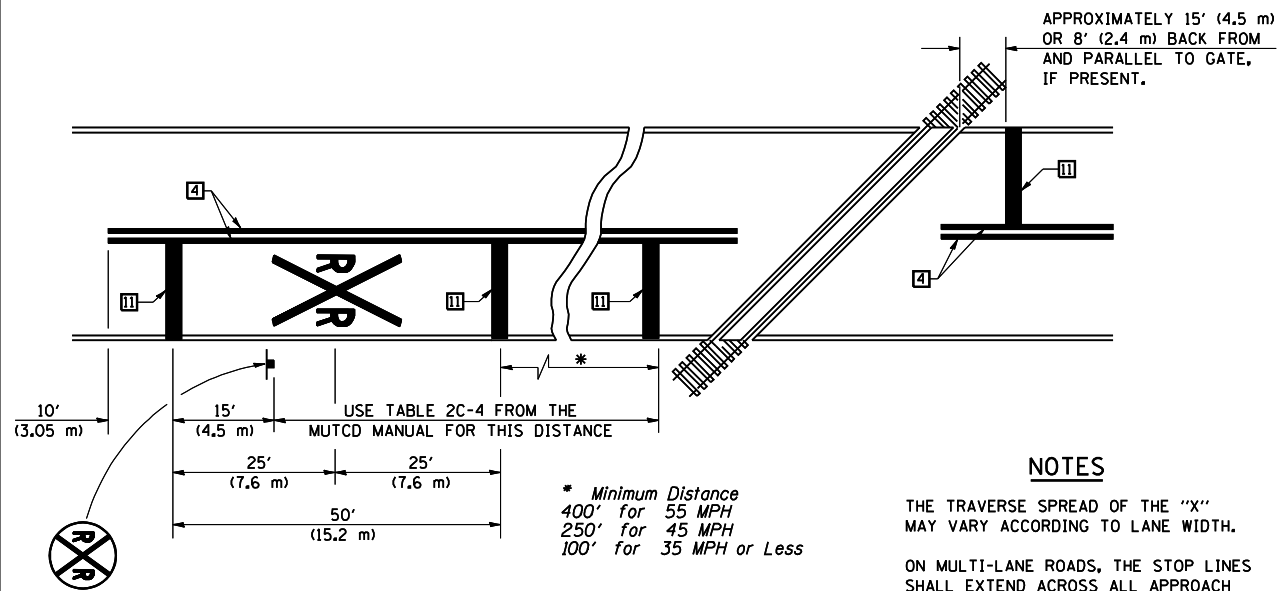
DATE	REVISIONS	NAME	ILLINOIS DEPARTMENT OF TRANSPORTATION
11/06	REPLACED DETAIL F-5.25	TJB	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)
			DISTRICT 5 DETAIL NO. 7800AAAA

PLOT DATE = 12/17/2007
 FILE NAME = c:\projects\4595587 (v.8)\70675detail.dgn
 PLOT SCALE = 42,352% / IN.
 USER NAME = collierb

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	15I	DEWITT	20	15

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



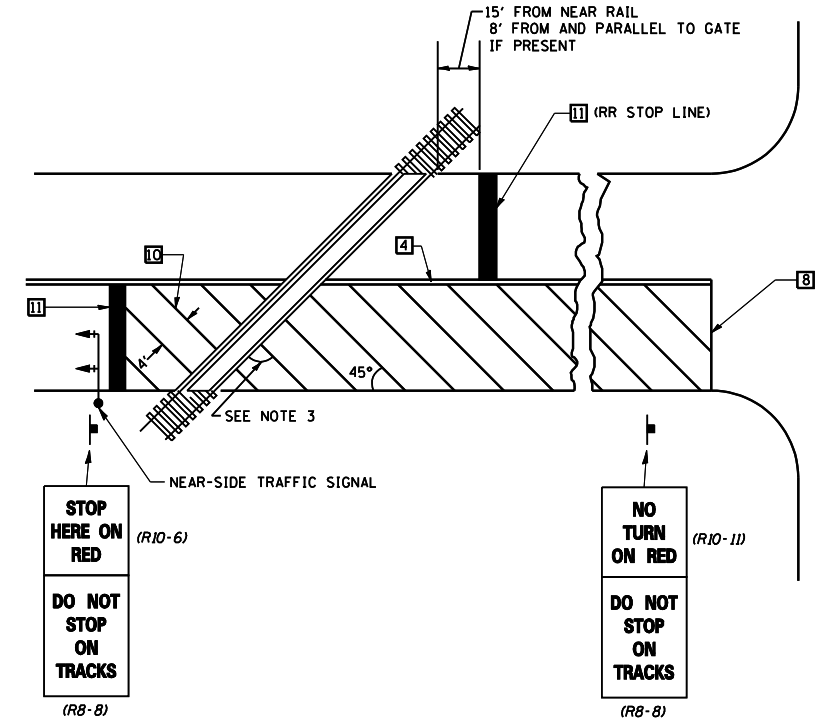
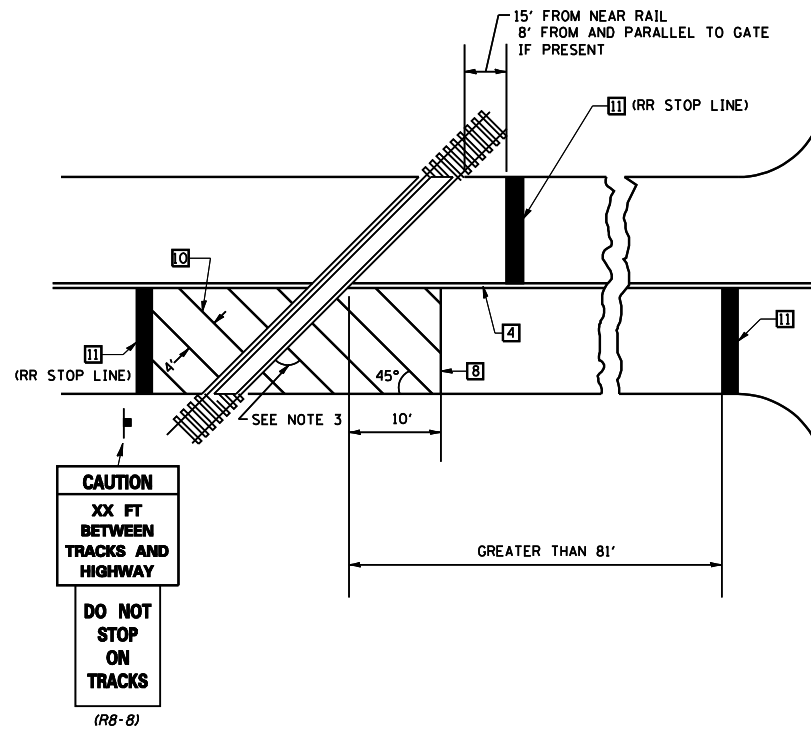
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

NOTES

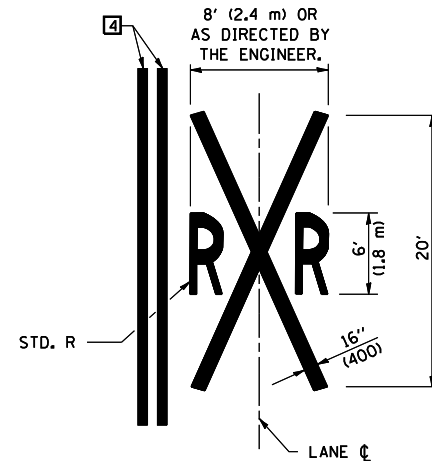
THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING



GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DATE	REVISIONS	NAME
11/06	REPLACED DETAIL F-5.25	TJB

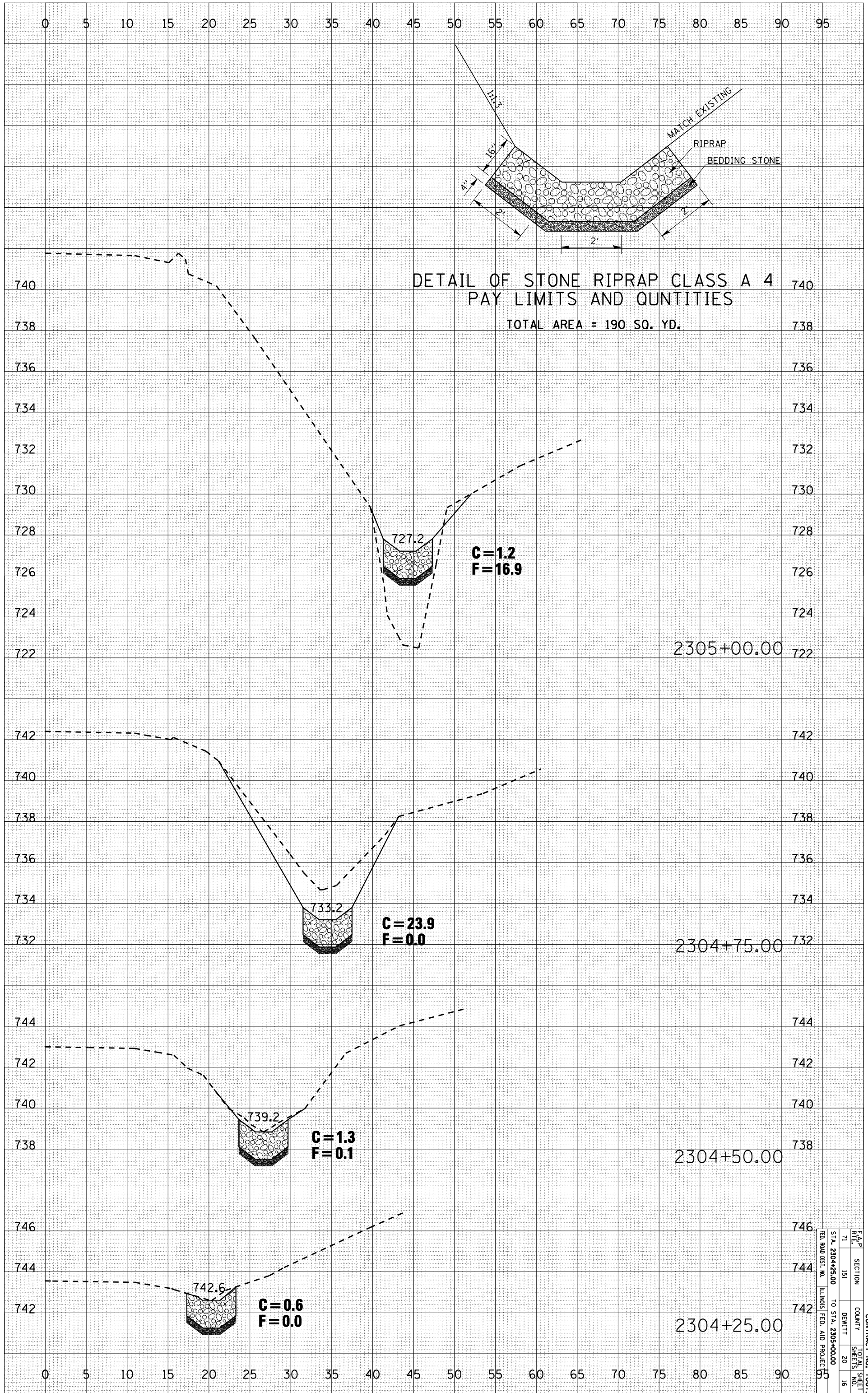
ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

DISTRICT 5 DETAIL NO. 7800AAAA

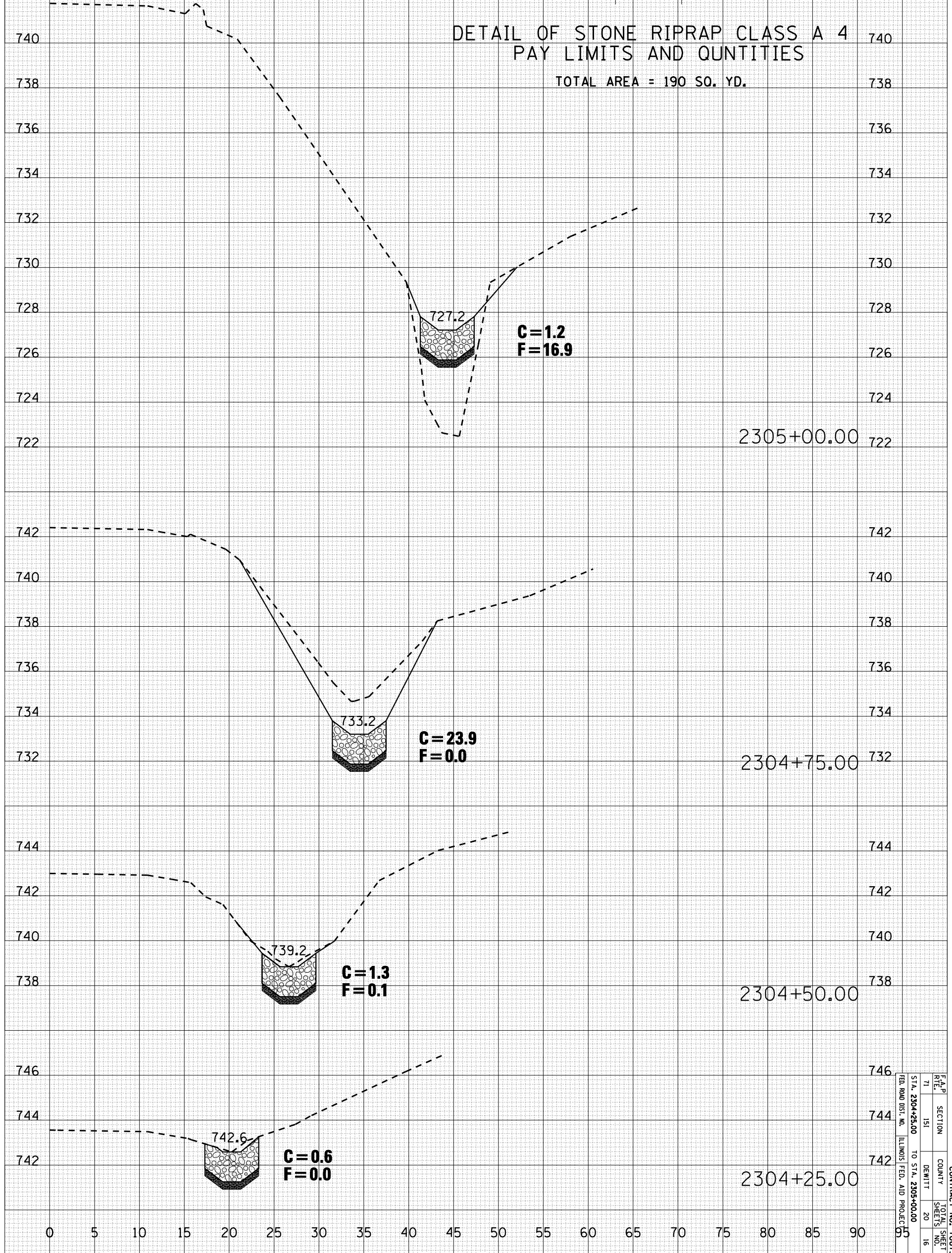
ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



DETAIL OF STONE RIPRAP CLASS A 4
 PAY LIMITS AND QUANTITIES

TOTAL AREA = 190 SQ. YD.



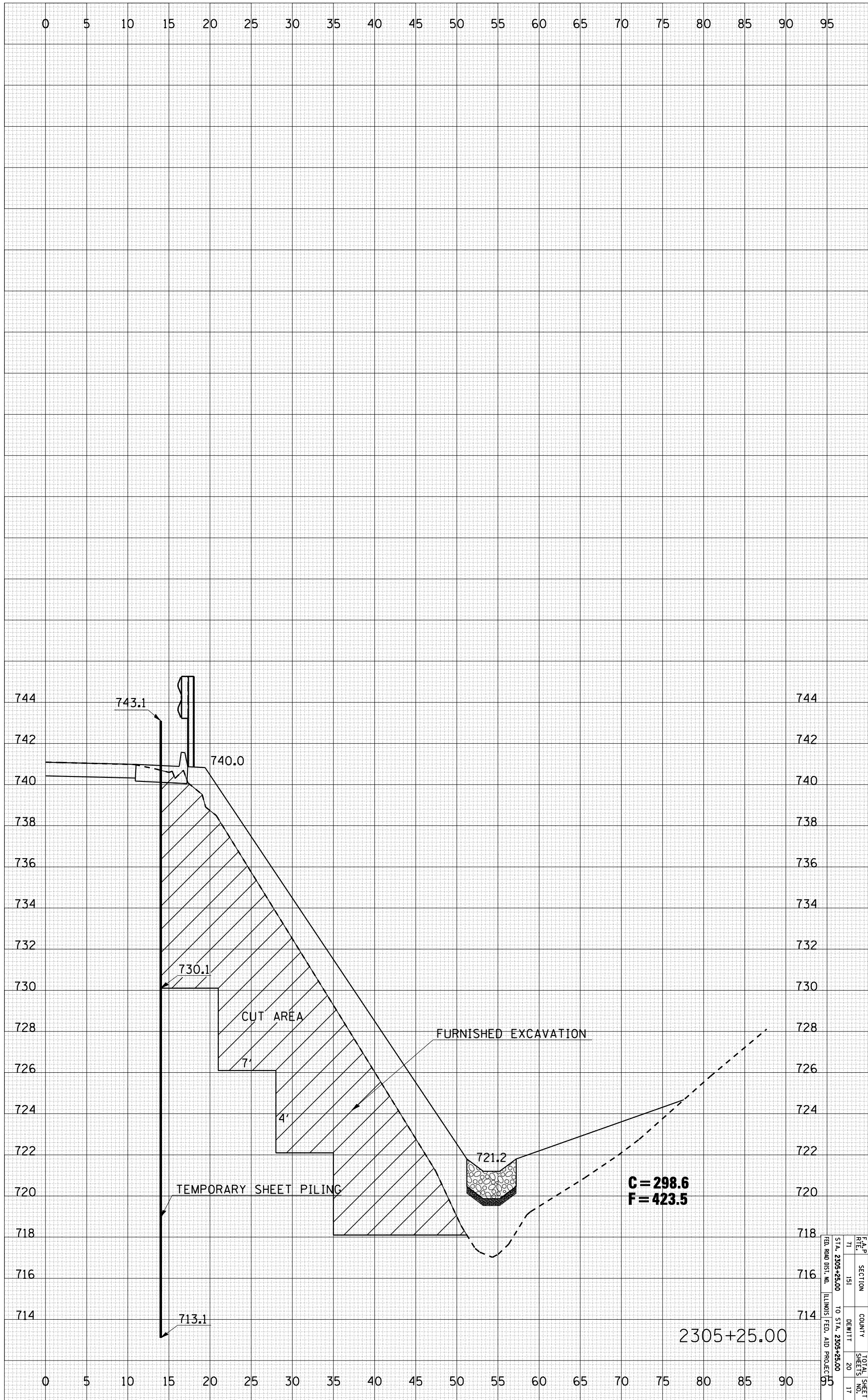
F.A.P. SECTION	COUNTY	TOTAL SHEETS
71	DEWITT	20
151		16
STA. 2304+25.00	TO STA. 2305+00.00	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT NO.	

CONTRACT NO. 70675

PLOT DATE = 12/17/2007
 FILE NAME = c:\projects\505507 (v8)\1-54...
 PLOT SCALE = 10.5882' / IN.
 USER NAME = collierbw

ORIGINAL SURVEY		BY	DATE
SURVEYED			
PLOTTED			
TEMPLATE			
AREAS			
AREAS CHECKED			
NO.			

FINAL SURVEY		BY	DATE
SURVEYED			
PLOTTED			
TEMPLATE			
AREAS			
AREAS CHECKED			
NO.			



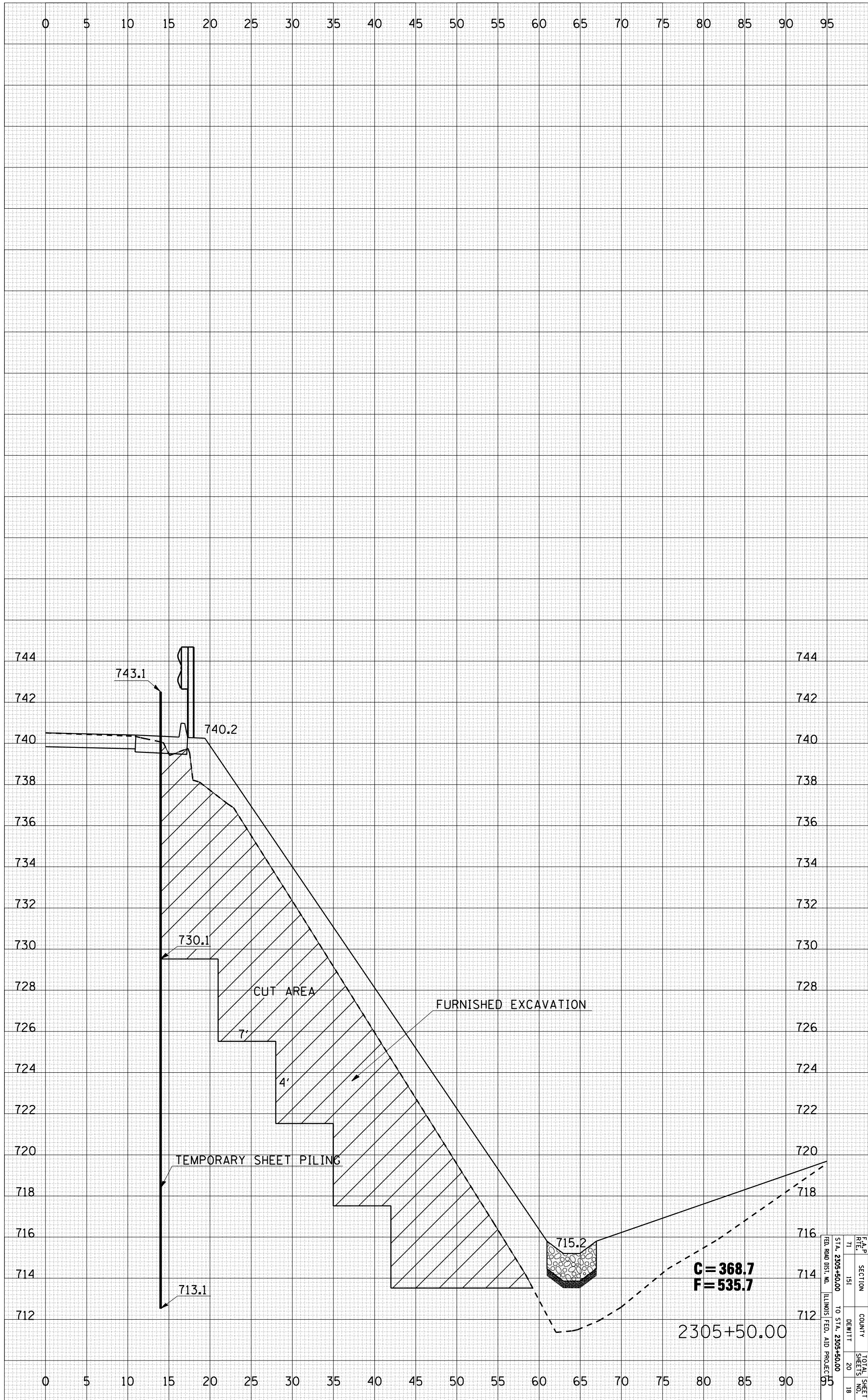
F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS
71	151	DEWITT	20
STA. 2305+25.00		TO STA. 2305+25.00	17
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

CONTRACT NO. 70675

PLOT DATE = 12/17/2007
 FILE NAME = c:\p\projects\505507 (v8)\1-54...
 PLOT SCALE = 10.5882' / IN.
 USER NAME = collierbw

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		



C = 368.7
F = 535.7

2305+50.00

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS
71	151	DEWITT	20
STA. 2305+50.00	TO STA. 2305+50.00		18

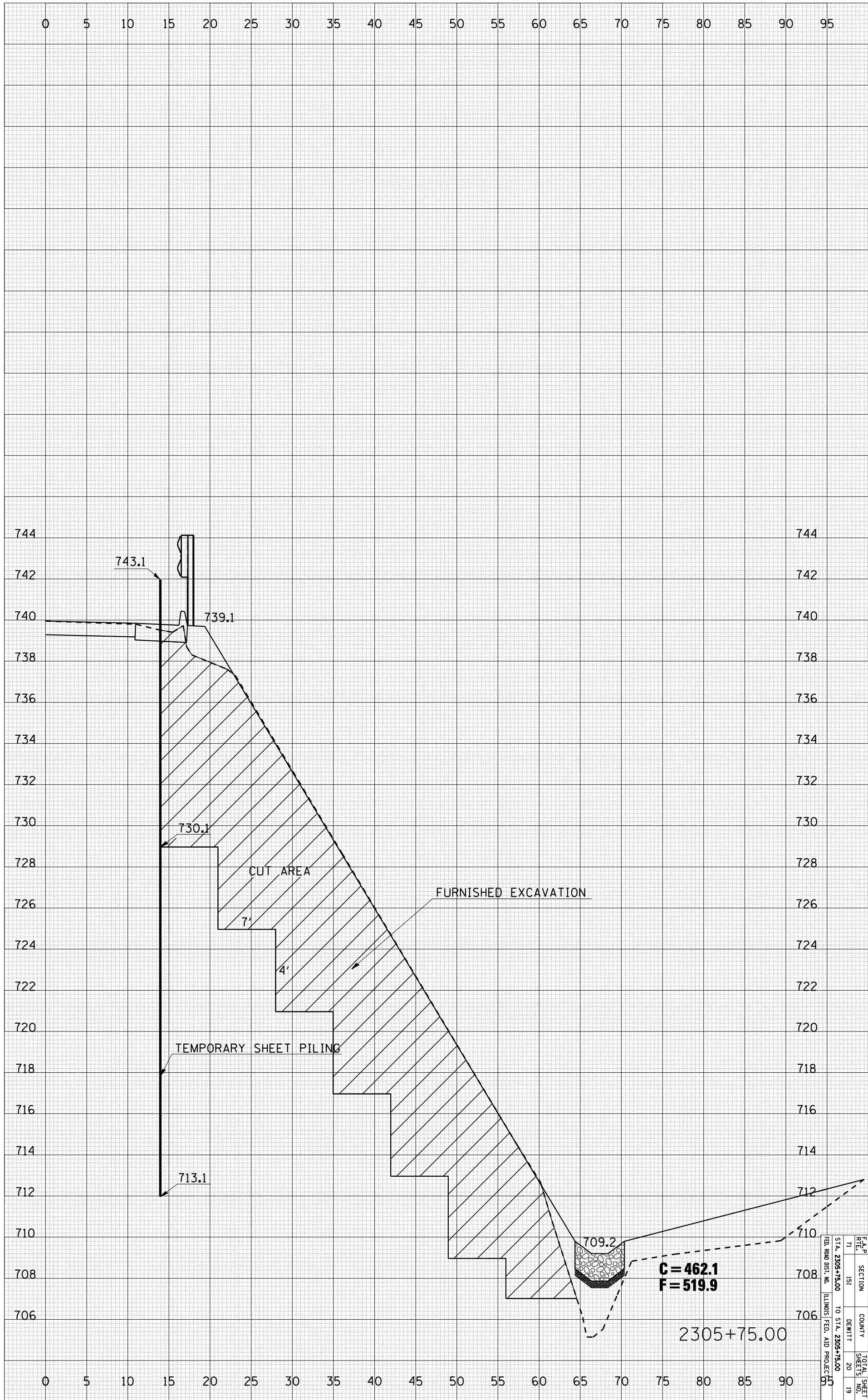
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT NO.

CONTRACT NO. 70675

PLOT DATE = 12/17/2007
 FILE NAME = c:\projects\505507 (v8)\1-54...
 PLOT SCALE = 10.5882 / IN.
 USER NAME = collierbw

ORIGINAL SURVEY	BY		DATE
SURVEYED			
PLOTTED			
TEMPLATE			
AREAS			
AREAS CHECKED			
NO.			

FINAL SURVEY	BY		DATE
SURVEYED			
PLOTTED			
TEMPLATE			
AREAS			
AREAS CHECKED			
NO.			



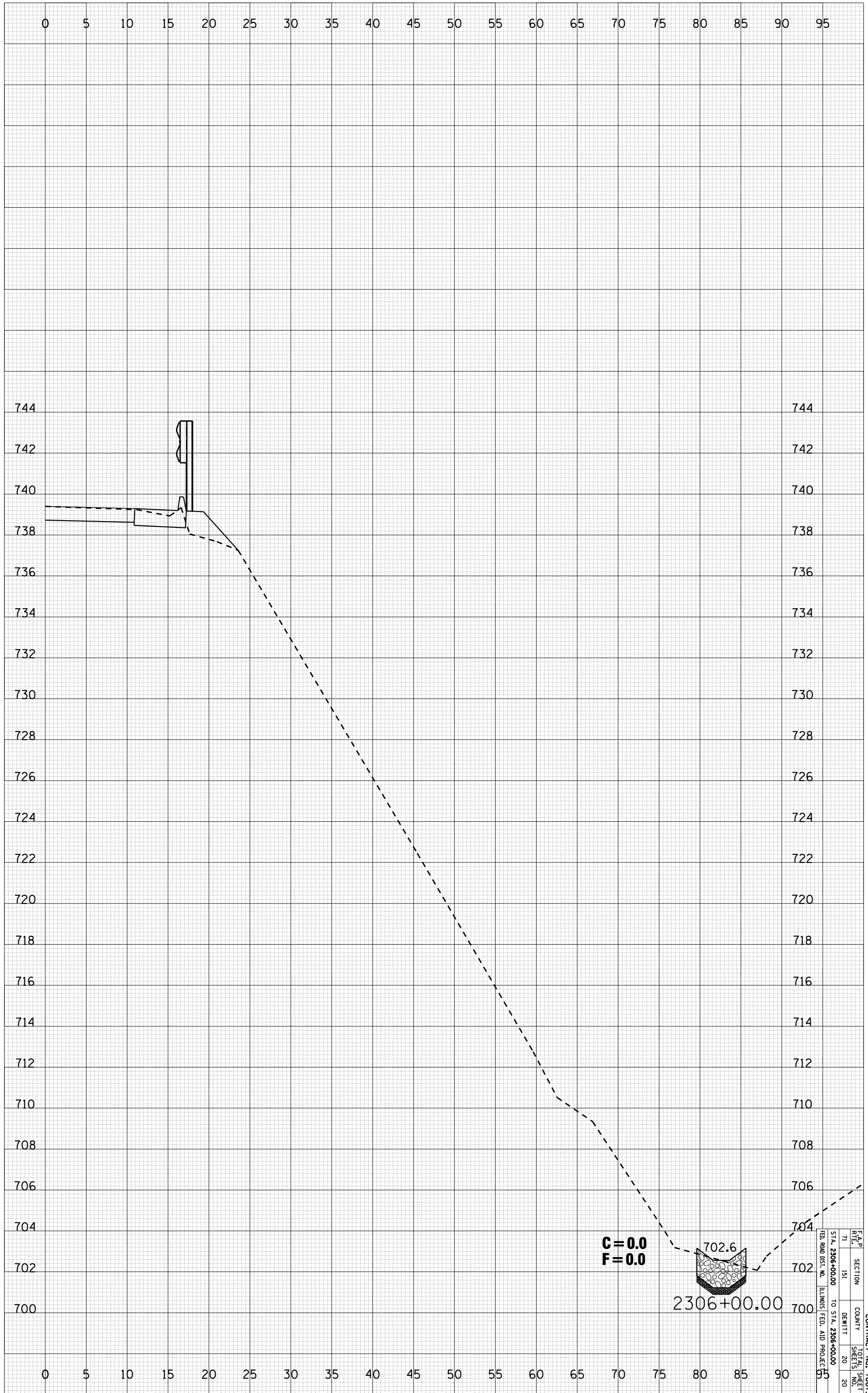
F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS
71	151	DEWITT	20
STA. 2305+75.00	TO STA. 2305+75.00		19
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

CONTRACT NO. 70675

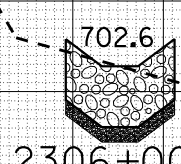
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 PLOT SCALE = 10.5882' / IN.
 USER NAME = collierbw

ORIGINAL SURVEY		BY	DATE
SURVEYED			
PLOTTED			
TEMPLATE			
AREAS			
AREAS CHECKED			
NO.			

FINAL SURVEY		BY	DATE
SURVEYED			
PLOTTED			
TEMPLATE			
AREAS			
AREAS CHECKED			
NO.			



C = 0.0
F = 0.0



2306+00.00

F.A.P.	SECTION	COUNTY	TOTAL SHEETS
RTE. 71	151	DEWITT	20
STA. 2306+00.00	TO STA. 2306+00.00		20
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

CONTRACT NO. 70675