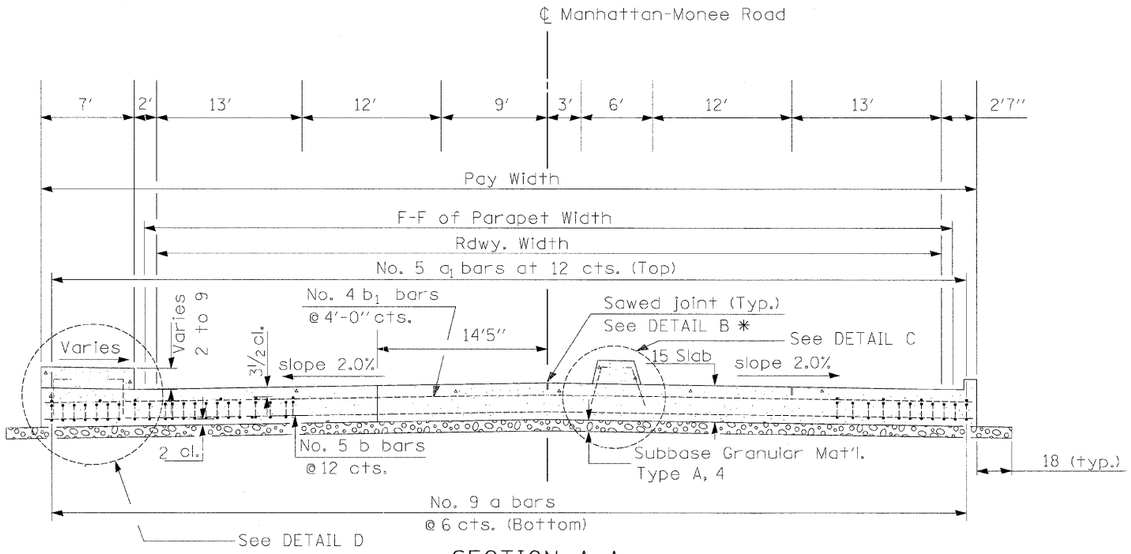
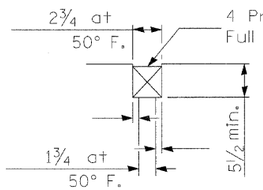
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	201
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
+9911&21 R-3&9-IMB-1-BR-2		CONTRACT: 62253		

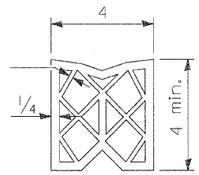


SECTION A-A

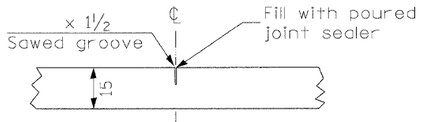
(See Plan for Dimensions not shown)
All reinforcement bars shall be epoxy coated.



DETAIL A

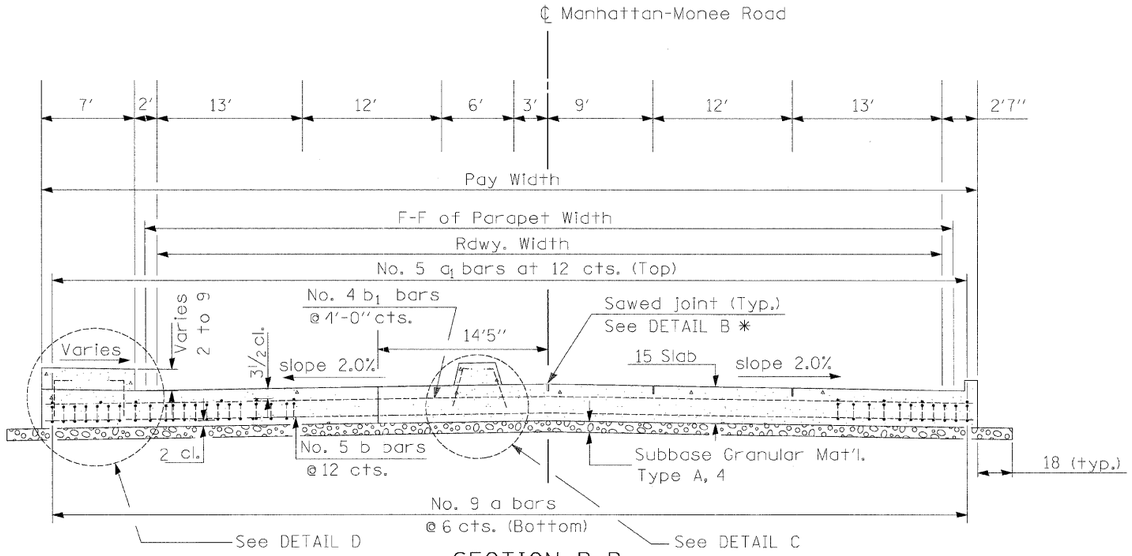


PREFORMED JOINT SEAL



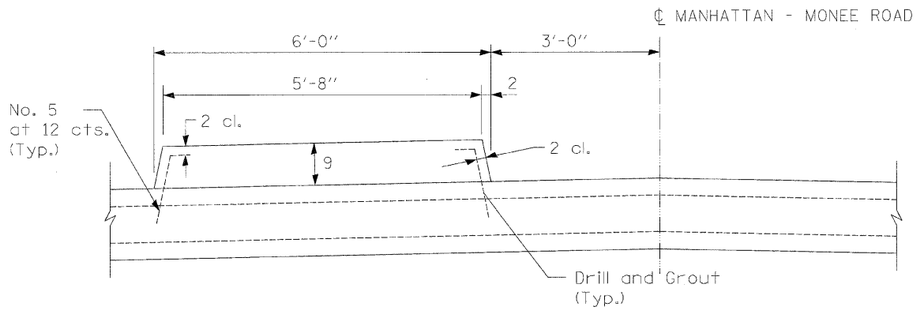
DETAIL B *

(Reinforcement Not Shown)



SECTION B-B

(See Plan for Dimensions not shown)
All reinforcement bars shall be epoxy coated.



DETAIL C

* Saw ℄ or lane edge if poured two or more lane widths at a time.

All dimensions are in inches unless otherwise shown.

REVISIONS	
NAME	DATE

Clark Dietz ENGINEERS
DESIGN FIRM REGISTRATION No. 184-000450
118 SOUTH CLINTON STREET SUITE 600
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

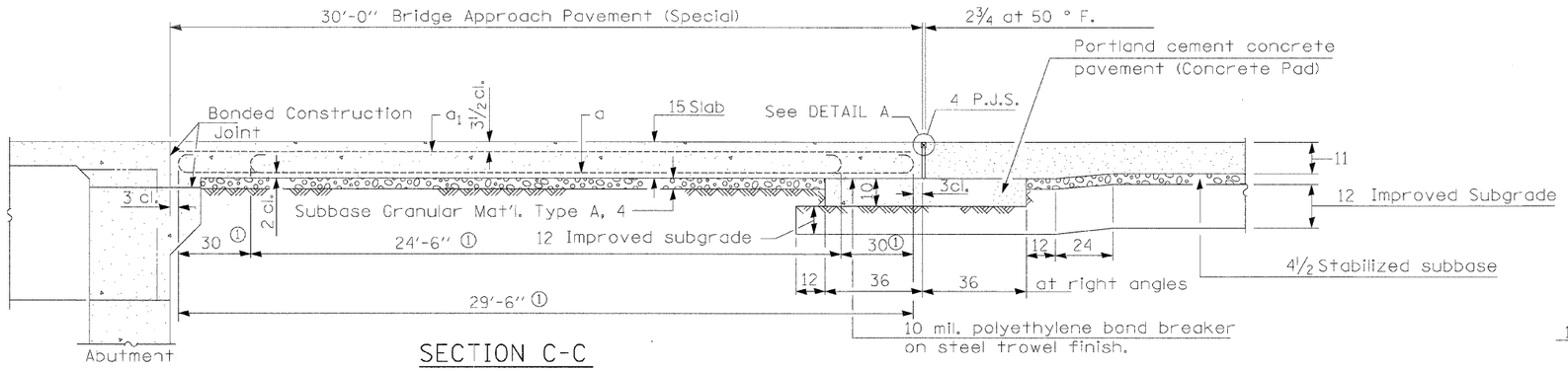
ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD

CONSTRUCTION DETAILS
BRIDGE APPROACH PAVEMENT (SPECIAL) DETAIL
2 OF 4

SCALE: VERT. N.T.S.
HORIZ. N.T.S.
DATE 9/19/2008
DRAWN BY AJP
CHECKED BY BDC

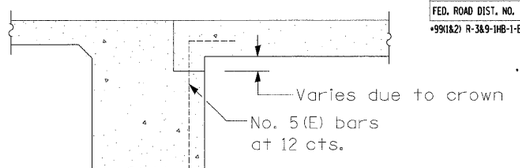
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8/1/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*9916&2) R-3&9-IMB-1-BR-2		CONTRACT: 62253		

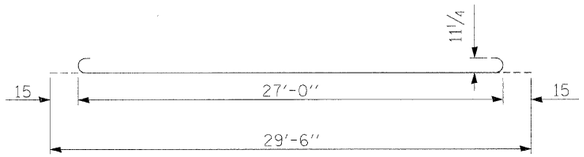


SECTION C-C

①Stagger No. 9 a bars as shown on plan - full width



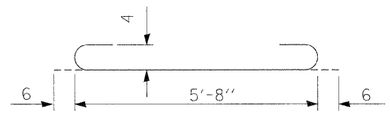
SECTION E-E
(Integral Abutments)



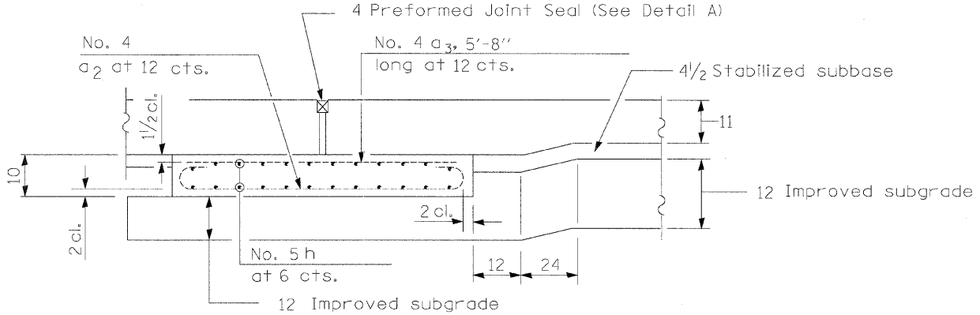
BAR a

DESIGN STRESSES

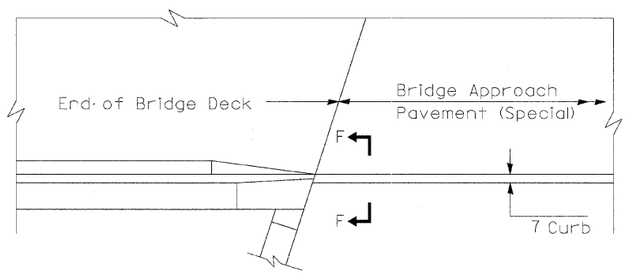
fy = 60,000 p.s.i.
f'c = 3,500 p.s.i.
n = 8.5



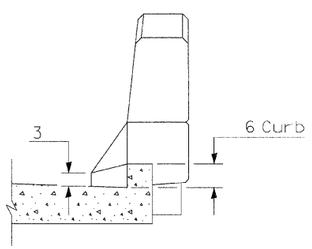
BAR a_2



SECTION D-D
(Showing reinforcement)

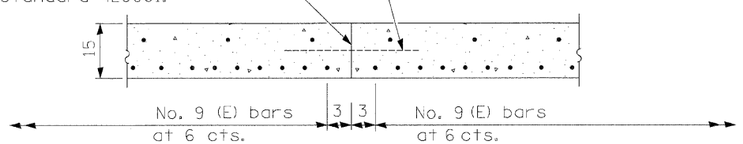


PARAPET TO CURB TRANSITION
INTEGRAL ABUTMENT



SECTION F-F

Longitudinal Construction Joint in accordance with details shown on Standard 420001.



OPTIONAL LONGITUDINAL
CONSTRUCTION JOINT

As approved by the Engineer, the Contractor may elect to reduce the widths of pour by use of the Optional Longitudinal Construction Joint shown. Joints shall be located at the edge of a traffic lane.

All dimensions are in inches unless otherwise shown.

REVISIONS	
NAME	DATE

Clark Dietz ENGINEERS
DESIGN FIRM REGISTRATION No. 184-000450
118 SOUTH CLINTON STREET SUITE 600
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

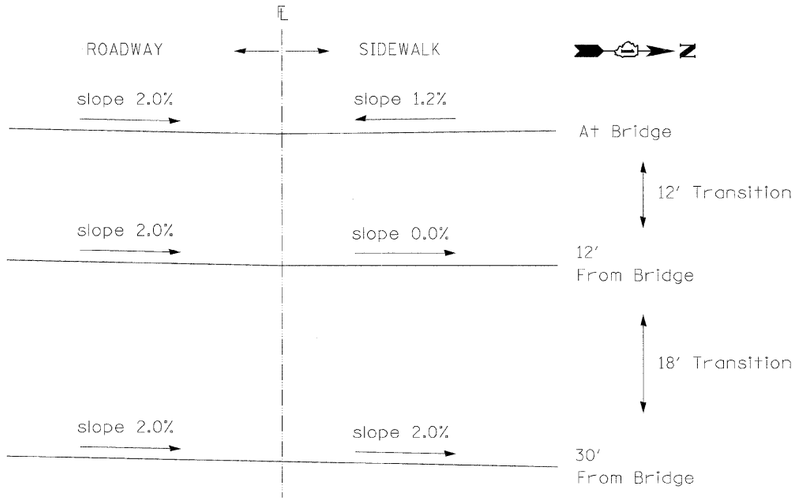
ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD

CONSTRUCTION DETAILS
BRIDGE APPROACH PAVEMENT (SPECIAL) DETAIL
3 OF 4

SCALE: VERT. N.T.S.
HORIZ. N.T.S.
DATE 9/19/2008
DRAWN BY AJP
CHECKED BY BDC

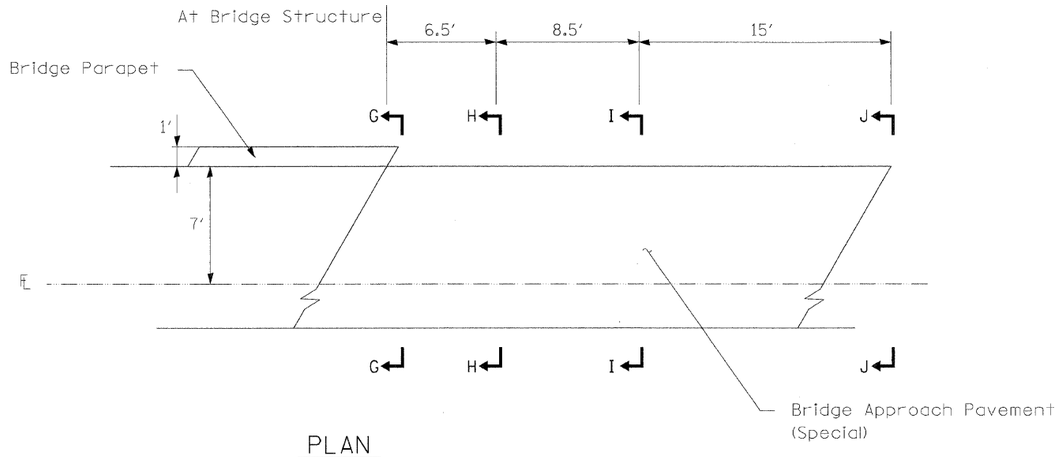
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8/1/2008

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	203
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*99(1&2) R-3&9-1HB-1-BR-2		CONTRACT: 62253		



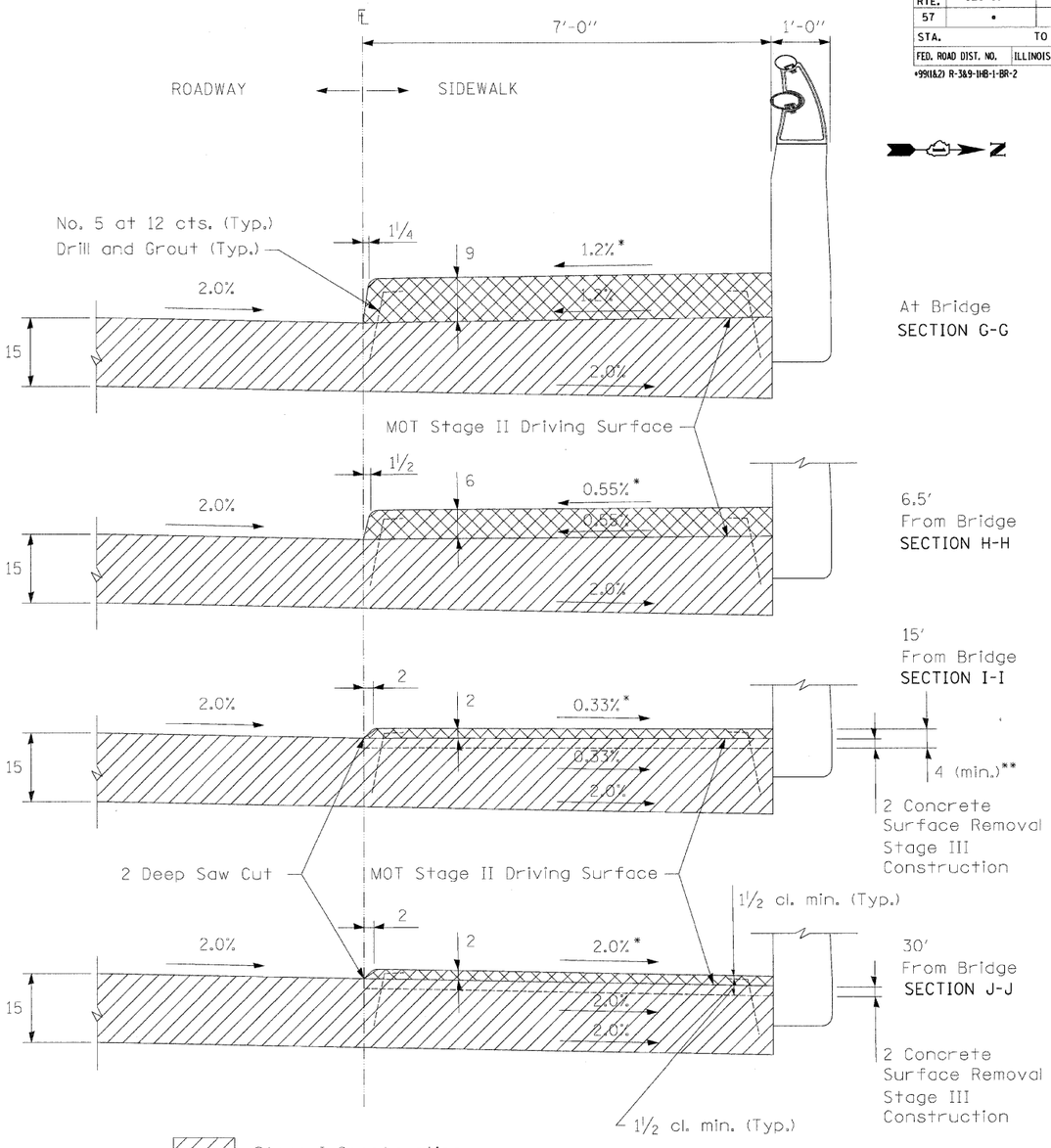
SIDEWALK CROSS SLOPE TRANSITION DETAIL

(Pavement Surface Stage I to Stage III Substage A)



PLAN

(East Approach Shown, West Approach Transition is the Reverse)



At Bridge
SECTION G-G

6.5'
From Bridge
SECTION H-H

15'
From Bridge
SECTION I-I

All dimensions are in inches unless otherwise shown.

* See Sidewalk Cross Slope Transition Detail

** Remove Concrete Surface to Obtain a Minimum 4" Concrete Thickness for Minimum Reinforcement Clearances. Cost to be Included in the Contract Price for Bridge Approach Pavement (Special)

DETAIL D

REVISIONS	
NAME	DATE

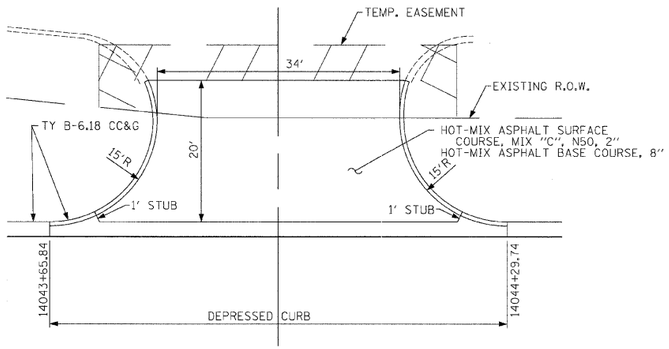
Clark Dietz ENGINEERS
DESIGN FIRM REGISTRATION No. 184-000450
118 SOUTH CLINTON STREET SUITE 600
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ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD
CONSTRUCTION DETAILS
BRIDGE APPROACH PAVEMENT (SPECIAL) DETAIL
4 OF 4

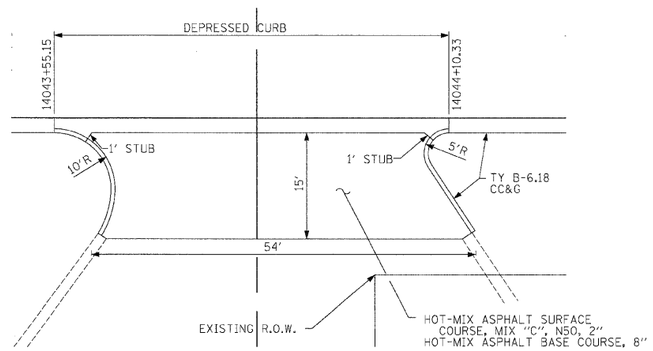
SCALE: VERT. N.T.S. HORIZ. N.T.S.
DRAWN BY AJP
DATE 9/19/2008
CHECKED BY BDC

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8/1/2008

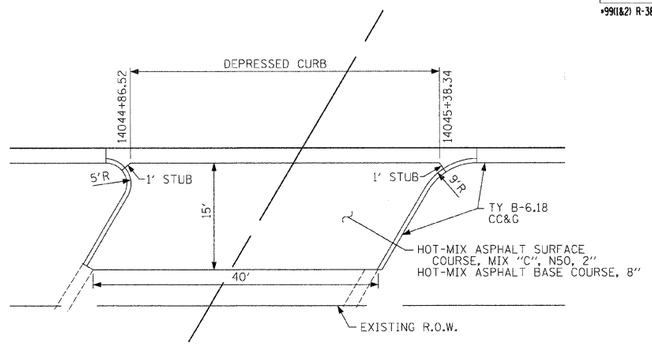
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
•9911&21 R-3&9-1HB-1-BR-2		CONTRACT: 62253		



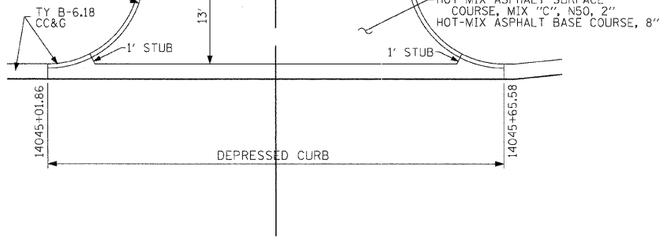
COMMERCIAL DRIVEWAY
AT STA. 14043+97.72, LT



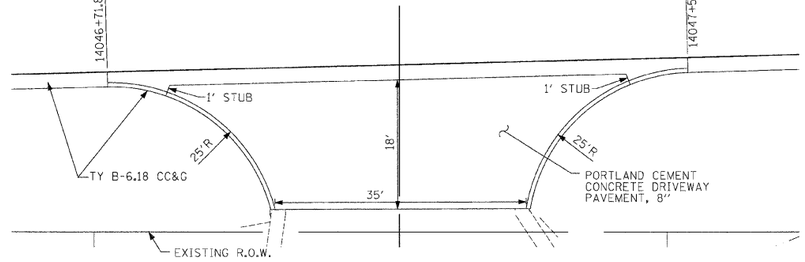
COMMERCIAL DRIVEWAY
AT STA. 14043+83.46, RT



COMMERCIAL DRIVEWAY
AT STA. 14045+33.24, RT



COMMERCIAL DRIVEWAY
AT STA. 14045+33.71, LT



COMMERCIAL DRIVEWAY
AT STA. 14047+12.62, RT

p:\02231\plans\sheets\02231HSD10101.dgn
8/1/2008

REVISIONS	
NAME	DATE

Clark Dietz ENGINEERS

DESIGN FIRM REGISTRATION
No. 184-000450
118 SOUTH CLINTON STREET
SUITE 600
CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

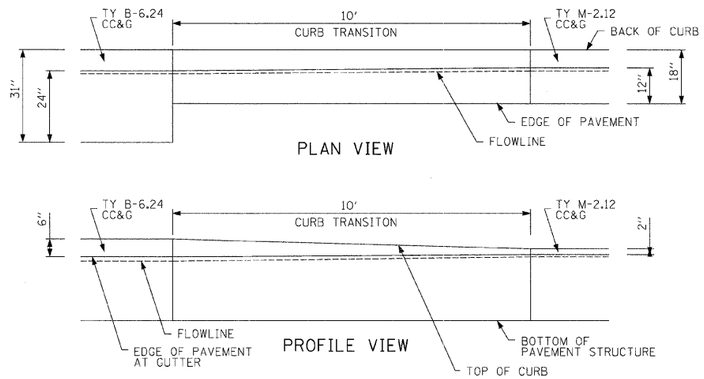
ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD

CONSTRUCTION DETAILS
DRIVEWAYS

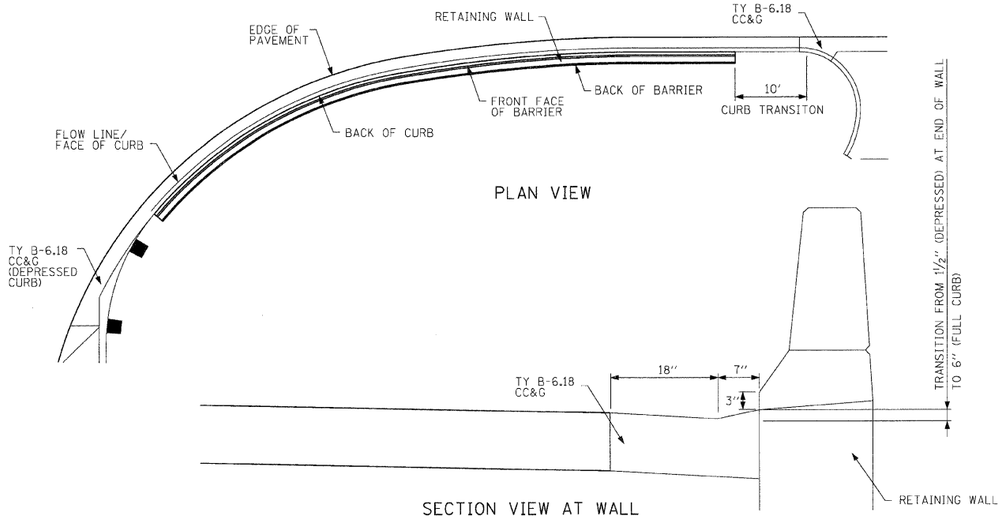
SCALE: VERT. NTS
HORIZ. 1"=10'
DATE 9/19/2008

DRAWN BY KLM, MJK
CHECKED BY TMW

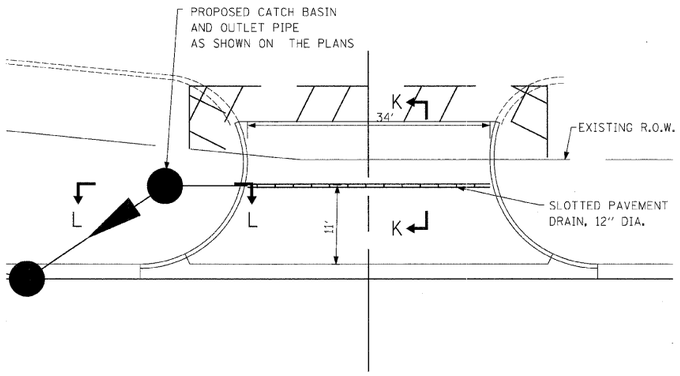
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	205
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
•99118Z1 R-3&9-1HB-1-BR-2		CONTRACT: 62253		



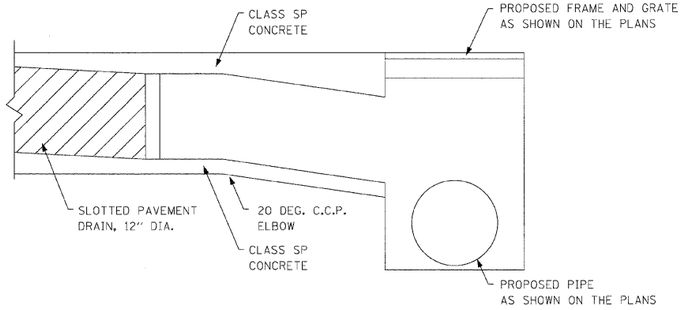
COMBINATION CONCRETE CURB AND GUTTER TRANSITION TYPE 1



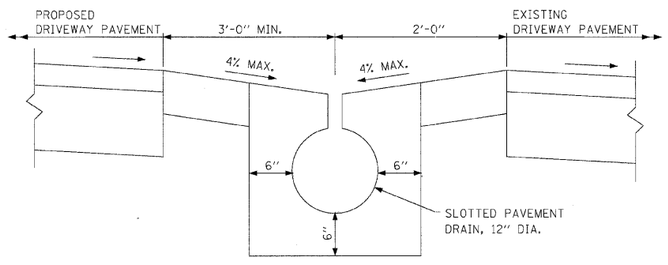
COMBINATION CONCRETE CURB AND GUTTER TRANSITION TYPE 2 (AT RETAINING WALL)



PLAN VIEW



SECTION L-L



SECTION K-K

NOTES FOR SLOTTED PAVEMENT DRAIN:

1. SLOTTED PAVEMENT DRAINS SHALL BE 12" DIA. 16 GAUGE, FULL BITUMINOUS COATED WITH PAVED INVERT UNLESS OTHERWISE SPECIFIED.
2. SLOTTED PAVEMENT DRAINS SHALL BE INSTALLED IN A CONTOURED TRENCH AND BACKFILLED WITH CLASS SP CONCRETE.
3. THE UPSTREAM END OF EACH SLOTTED PAVEMENT DRAIN, 12" DIA. INSTALLATION SHALL BE SEALED WITH A WELDED END PLATE IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS, UNLESS CONNECTED TO A DRAINAGE STRUCTURE.
4. DEPTH OF SLOT CAN BE VARIED FROM 6" MINIMUM TO 12" MAXIMUM TO INCREASE SLOPE OF PIPE AS DETAILED FOR EACH SITE.
5. AN AASHTO M194 (ASTM C 494) TYPE G ADMIXTURE SHALL BE USED AS DIRECTED BY THE ENGINEER IN THE CLASS SP CONCRETE TO FLUIDIZE THE MIXTURE IN ORDER TO FACILITATE PLACEMENT AND MAINTAIN THE REQUIRED PIPE ALIGNMENT.
6. PAYMENT FOR THIS ITEM SHALL BE AT THE CONTRACT UNIT PRICE PER LINEAL FOOT OF SLOTTED PAVEMENT DRAIN, 12" DIAMETER, OF THE TYPE OF CONSTRUCTION AND SLOT DEPTH SPECIFIED, WHICH PRICE SHALL INCLUDE THE COST OF THE ELBOWS AND CONNECTION TO EXISTING OR PROPOSED INLETS.

DETAIL OF SLOTTED PAVEMENT DRAIN AT STA. 14043+97.72, LT

REVISIONS NAME	DATE

Clark Dietz ENGINEERS
DESIGN FIRM REGISTRATION No. 184-000450
118 SOUTH CLINTON STREET SUITE 600 CHICAGO, IL 60661
PHONE : 312.648.9900
FAX : 312.648.0204

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-57 AT MANHATTAN - MONEE ROAD

CONSTRUCTION DETAILS
CURB TRANSITIONS, SLOTTED DRAIN

SCALE: VERT. NTS
HORIZ. NTS
DATE 9/19/2008

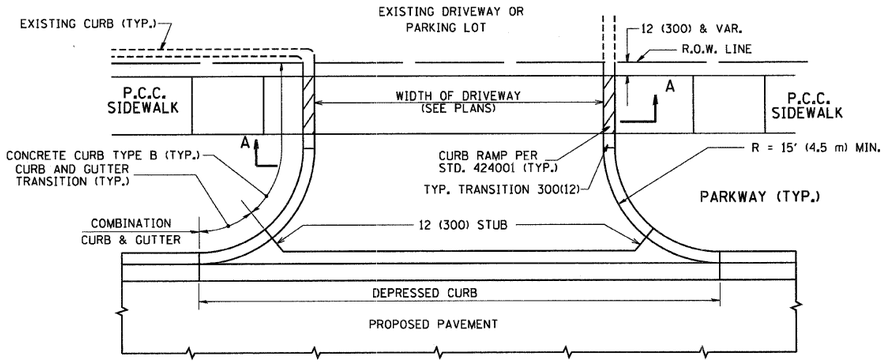
DRAWN BY KLM, MJK
CHECKED BY TMW

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8/1/2008

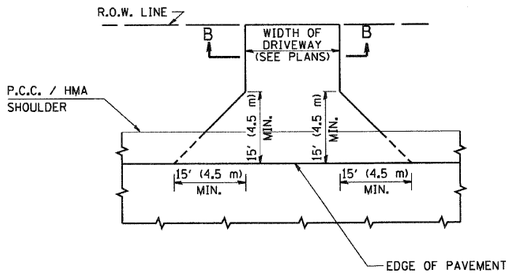
CONTRACT NO. 62253

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

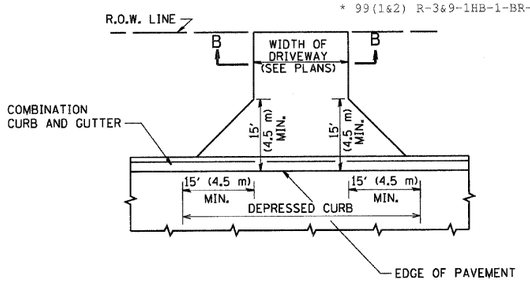
* 99(1&2) R-3&9-1HB-1-BR-2



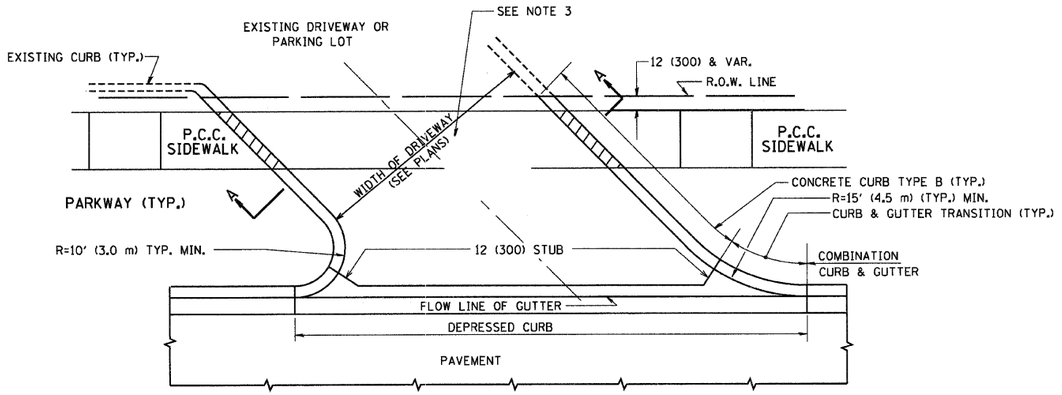
WITH CONCRETE CURB, TYPE B



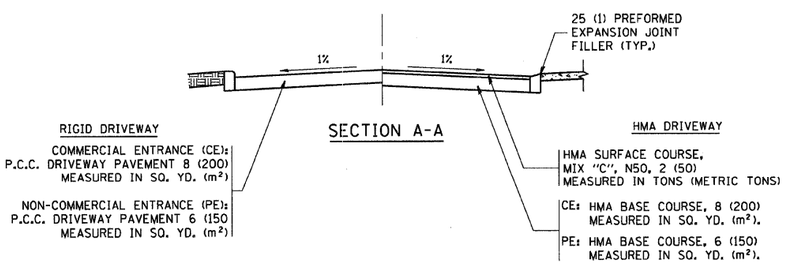
ADJACENT TO P.C.C. / HMA SHOULDER

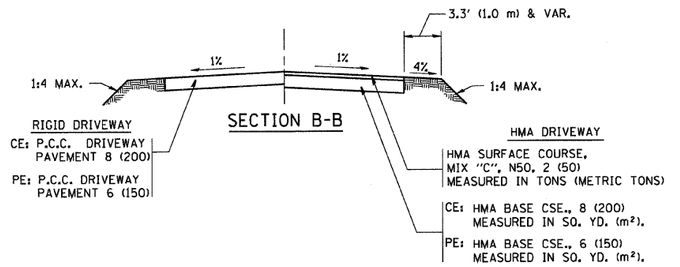


ADJACENT TO CURB AND GUTTER



WITH CONCRETE CURB, TYPE B





RURAL FIELD ENTRANCE (FE)

HMA SURFACE COURSE, MIX "C", N50, 2 (50) MEASURED IN TONS (METRIC TONS)

AGGREGATE BASE CSE., TYPE A 8 (200) MEASURED IN SQ. YD. (m^2).

GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED

REVISIONS	
NAME	DATE
R. SHAH	11-04-95
J. POLLASTRINI	08-12-96
J. POLLASTRINI	12-14-96
A. ABBAS	03-21-97
T. HOLTZ	04-08-97
M. GOMEZ	04-06-01
P. LaFLEUR	04-15-03
R. BORO	01-01-07

ILLINOIS DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)

SCALE: VERT. NONE HORIZ.

DRAWN BY

CHECKED BY

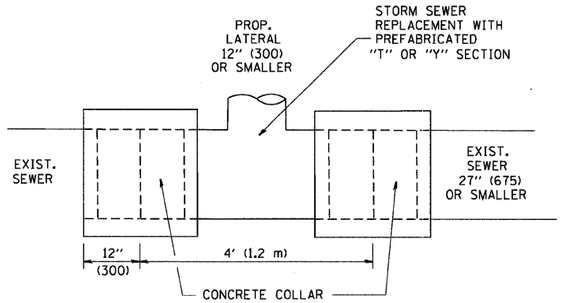
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CONTRACT NO. 62253

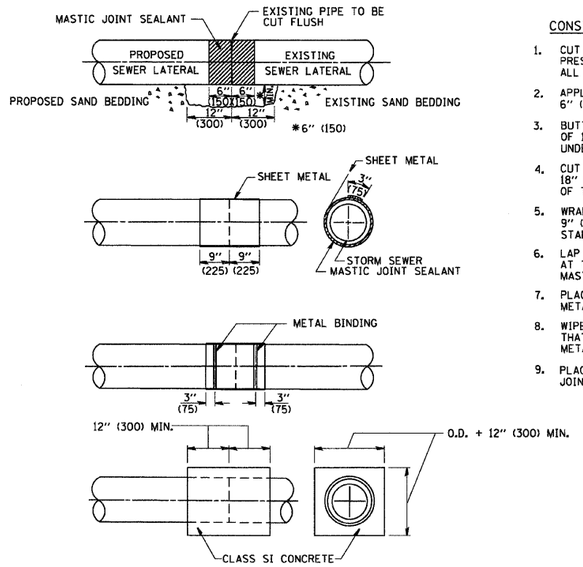
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	207
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* 99(1&2) R-3&9-1HB-1-BR-2



DETAIL "A"

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

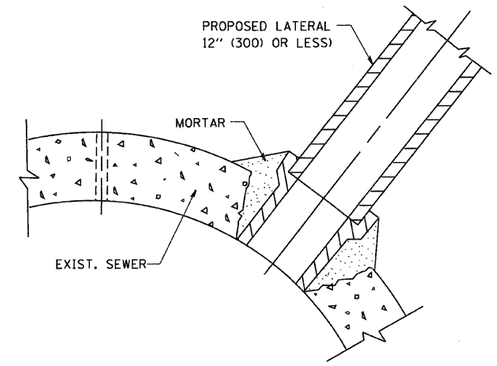


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

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

NOTES

MATERIAL

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

CONSTRUCTION METHODS

I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.

II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:

A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".

B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

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

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

BASIS OF PAYMENT

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

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

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

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

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

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER

SCALE: VERT. NONE HORIZ.

DRAWN BY

CHECKED BY

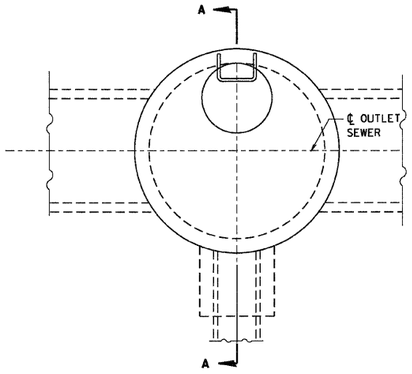
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CONTRACT NO. 62253

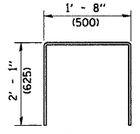
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* 99(162) R-3&9-1HB-1-BR-2

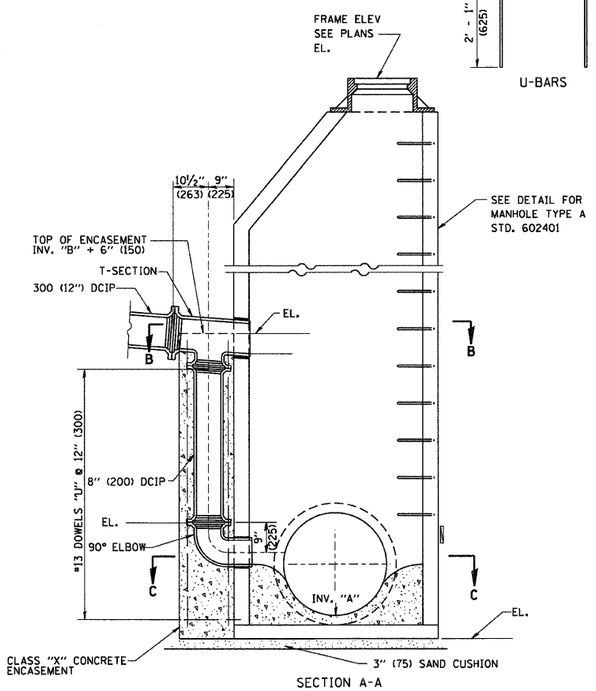


PLAN
FOR LOCATION SEE DRAINAGE PLANS

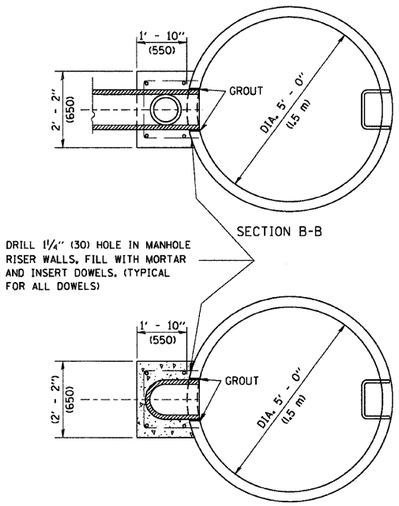
ENCASEMENT DETAILS				
DROP M.H. LOCATION STA., OFFSET				
INV. "A"				
INLET PIPE				
INV. "B"				
INV. "C"				
A				
B				
"V" BAR LENGTH				
NO. OF "U" BARS				
REINF. BARS				
CLASS "SI" CONC. CUBIC METER (CU. YD.)				



U-BARS



SECTION A-A



SECTION B-B

DRILL 1¼" (30) HOLE IN MANHOLE RISER WALLS, FILL WITH MORTAR AND INSERT DOWELS. (TYPICAL FOR ALL DOWELS)

SECTION C-C

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

TYPE A1-1 MANHOLE WITH 1 DROP AND DEPTH UP TO 10' (3 m)
TYPE A1-2 " " 1 " " " FROM 10' TO 15' (3 m TO 1.5 m)
TYPE A1-3 " " 1 " " " FROM 15' TO 20' (1.5 m TO 6 m)
TYPE A1-4 " " 1 " " " OVER 20' (6 m)

TYPE A2-1 MANHOLE WITH 2 DROPS AND DEPTH UP TO 10' (3 m)
TYPE A2-2 " " 2 " " " FROM 10' TO 15' (3 m TO 1.5 m)
TYPE A2-3 " " 2 " " " FROM 15' TO 20' (1.5 m to 6 m)
TYPE A2-4 " " 2 " " " OVER 20' (6 m)

REVISIONS NAME	DATE
	10/18/02

ILLINOIS DEPARTMENT OF TRANSPORTATION

DROP MANHOLE DETAILS

SCALE: VERT. NONE
HORIZ.

DRAWN BY
CHECKED BY

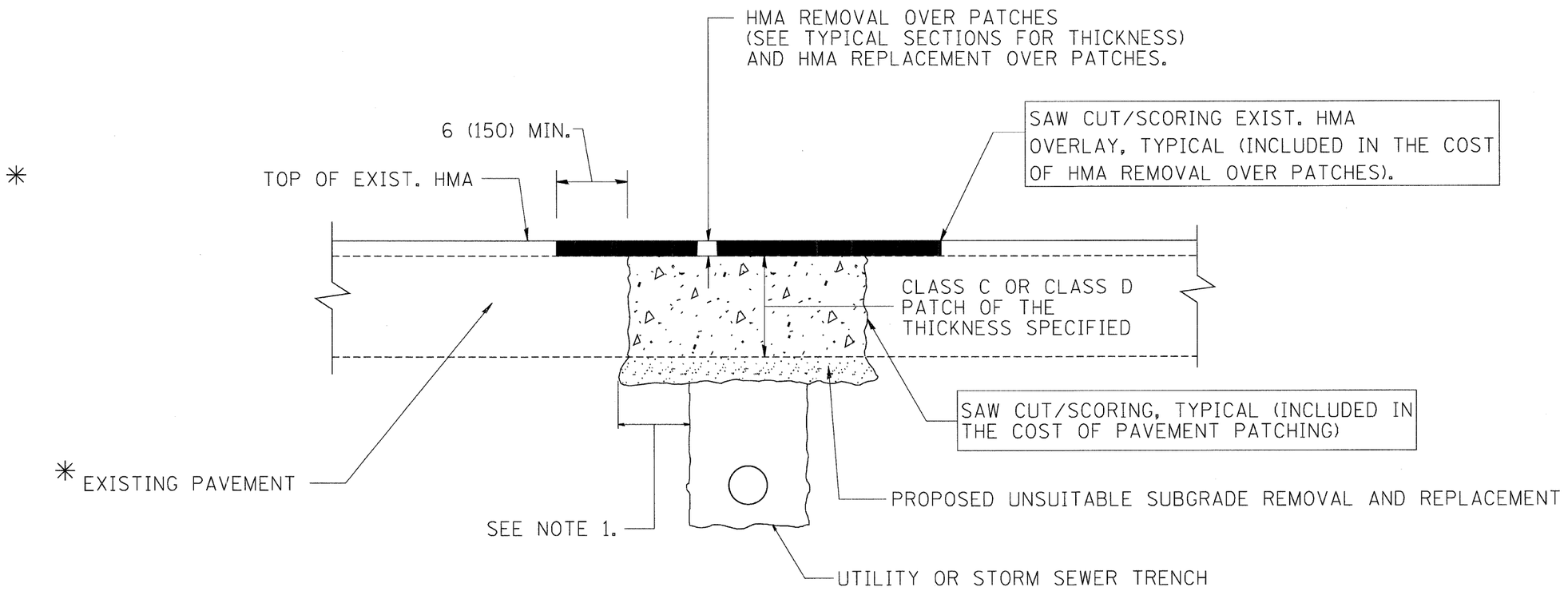
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CONTRACT NO. 62253

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	209
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* 99(1&2) R-3&9-1HB-1-BR-2



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE FULL DEPTH PATCHES
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

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

REVISIONS	
NAME	DATE
R. SHAH	10/25/94
R. SHAH	01/14/95
R. SHAH	03/23/95
R. SHAH	04/24/95
A. HOUSEH	03/15/96
A. ABBAS	03/21/97
A. ABBAS	01/20/98
ART ABBAS	04/27/98
R. BORO	01/01/07
R. BORO	09/04/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

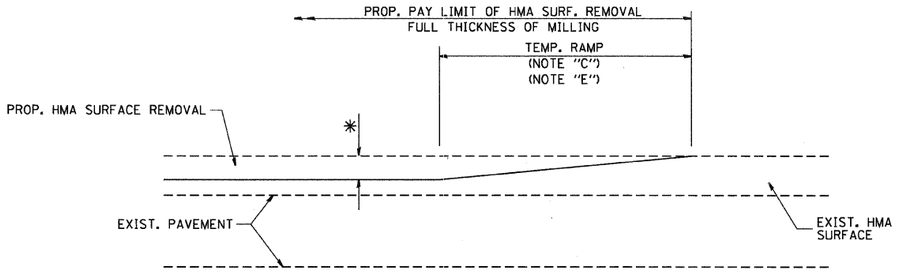
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DRAWN BY

CHECKED BY

BD400-04 (BD-22)

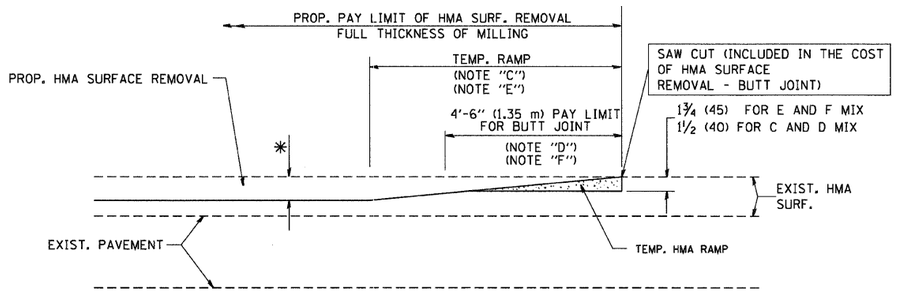
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MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

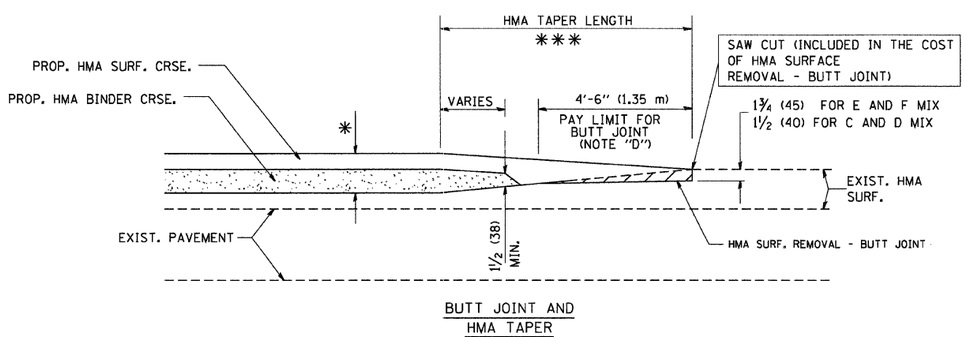


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT AND HMA TAPER

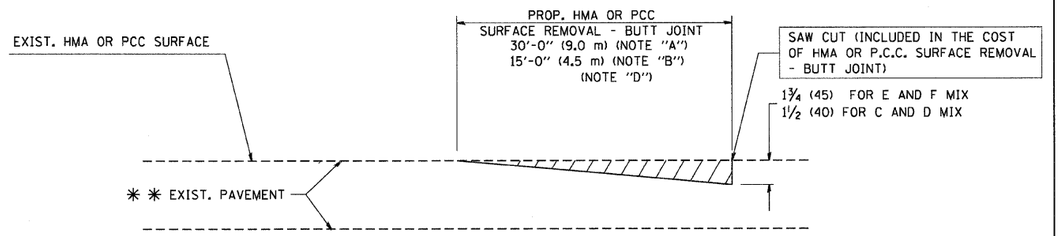
TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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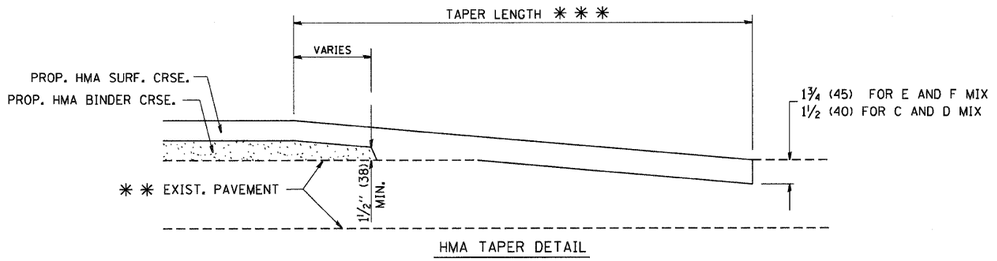
CONTRACT NO. 62253

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	210
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* 99(1&2) R-3&9-1HB-1-BR-2



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.

B: MINOR SIDE ROADS.

C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.

F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT

G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

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

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

REVISIONS	
NAME	DATE
M. DE YONG	6-13-90
M. DE YONG	7-3-90
M. DE YONG	3-27-92
R. SHAH	09/09/94
R. SHAH	10/25/94
A. ABBAS	03/21/97
M. GOMEZ	04/06/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: VERT. HORIZ. NONE

DRAWN BY

CHECKED BY

BD400-05 (VI=BD32)

CONTRACT NO. 62253

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

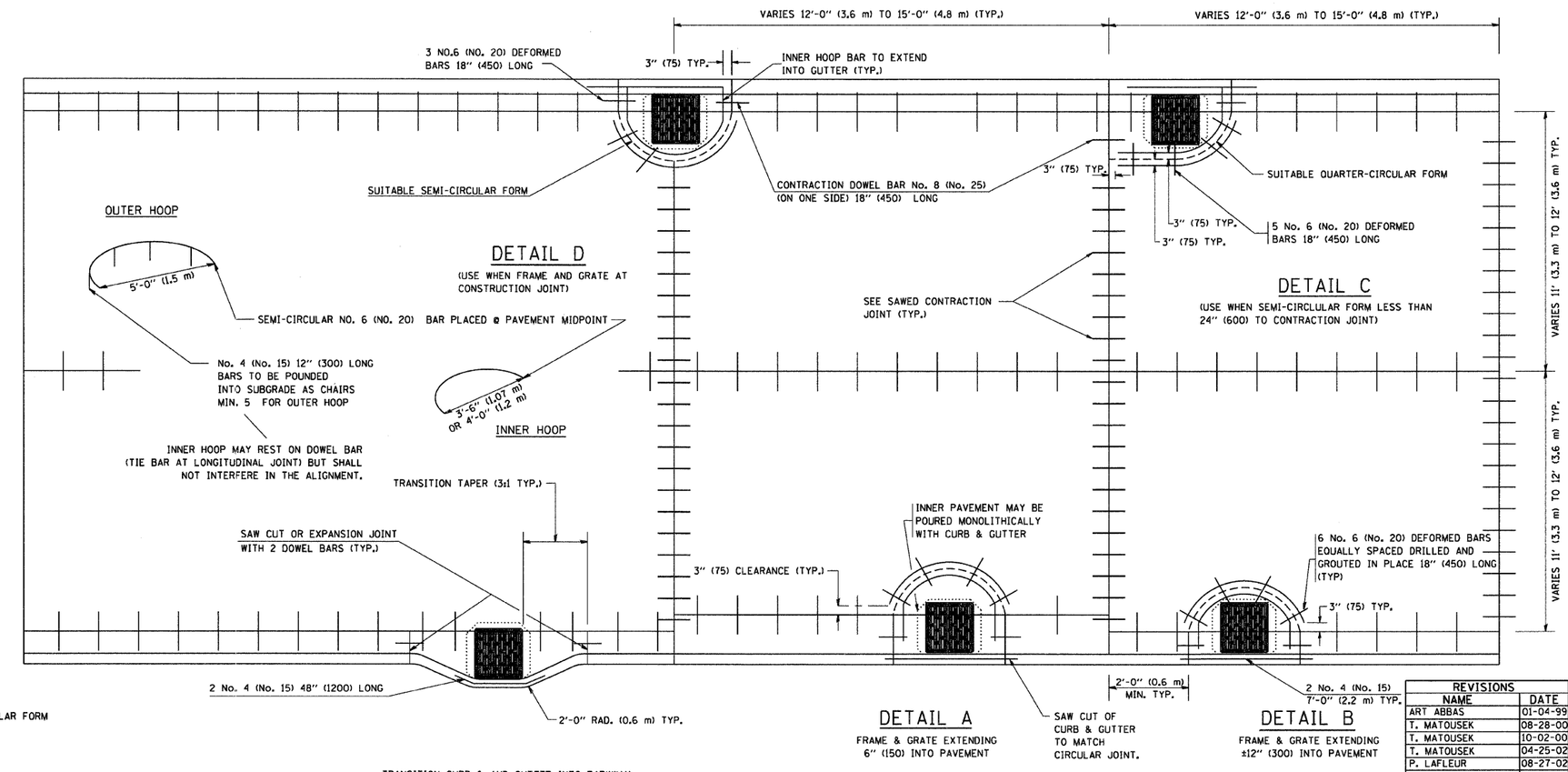
* 99(1&2) R-3&9-1HB-1-BR-2

FRAME EXTENSION INTO PAVEMENT	INNER HOOP REINFORCEMENT DIAMETER	SEMI CIRCULAR FORM DIAMETER	OUTER HOOP REINFORCEMENT DIAMETER
UP TO 8" (200)	3'-6" (1.1 m)	4'-0" (1.2 m)	5'-0" (1.5 m)
> 8" (200) TO 14" (360)	4'-0" (1.2 m)	4'-6" (1.4 m)	5'-0" (1.5 m)

DESIGNER NOTE:
THIS DETAIL IS TO BE USED WHEN THE GUTTER FLAG IS LESS THAN 24"

NOTES :

1. THE ROUNDOUT AND ADDED REINFORCEMENT WILL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE PAVEMENT.
2. TRANSVERSE JOINTS MAY BE MOVED TO ACCOMMODATE ROUNDOUT, EDGE OF CIRCULAR JOINT SHALL BE MINIMUM 12" (300) FROM TRANSVERSE JOINT. RELOCATED TRANSVERSE JOINT SHALL BE CONTINUOUS FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT.
3. SEMI-CIRCULAR FORM SHALL BE REMOVED PRIOR TO DRILL AND GROUT OF TIE BARS.
4. ALL REINFORCED BARS SHALL BE EPOXY COATED.
5. DRILL AND GROUT IS PREFERRED, HOWEVER TIE BARS CAN BE POURED IN PLACE IF CLEARANCE IS PROVIDED TO OUTER EDGE OF FRAME. MINIMUM 2" (50) CLEARANCE.
6. WOOD SHIMS SHALL BE USED TO ADJUST ALL FRAMES. AFTER ADJUSTING MORTAR HAS CURED, THE WOOD SHIMS SHALL BE REMOVED AND THE VOIDS UNDER THE FRAMES FILLED WITH NON SHRINK GROUT.
7. HOOP REINFORCEMENT SHALL BE ONE PIECE CONSTRUCTION.
8. CIRCULAR FRAMES AND GRATES MAY BE SUBSTITUTED.
9. CURB DOWELS MUST BE PLACED LEVEL & TRUE TO ALLOW CONTRACTION MOVEMENT.



LEGEND:
CASTING
SUITABLE SEMI-CIRCULAR FORM

TRANSITION CURB & AND GUTTER INTO PARKWAY
(PREFERRED BECAUSE PAVING OF MAINLINE NOT AFFECTED.)

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED

REVISIONS NAME	DATE
ART ABBAS	01-04-99
T. MATOUSEK	08-28-00
T. MATOUSEK	10-02-00
T. MATOUSEK	04-25-02
P. LAFLEUR	08-27-02

ILLINOIS DEPARTMENT OF TRANSPORTATION

PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER

SCALE: VERT. NONE
HORIZ.

DRAWN BY: TOM MATOUSEK
CHECKED BY: A. ABBAS

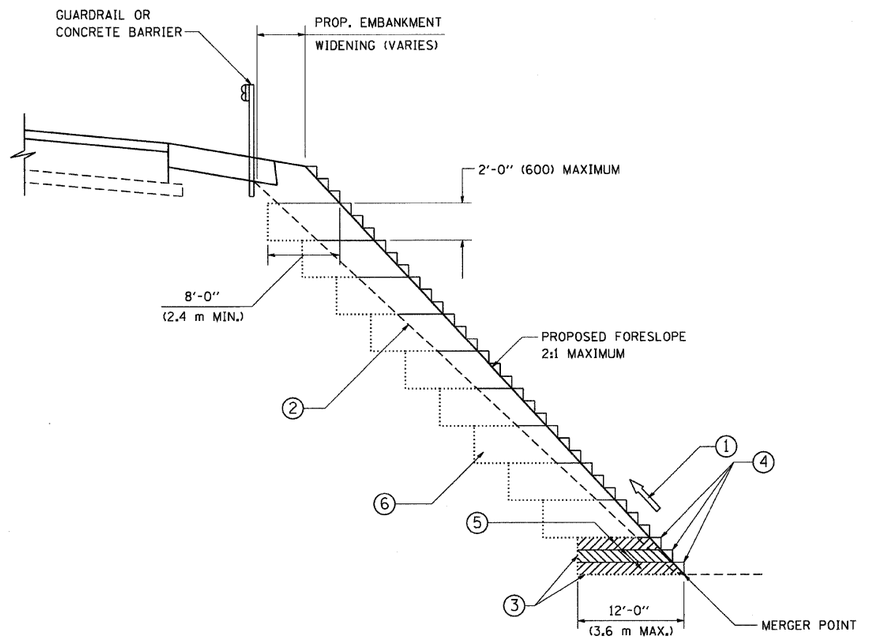
BD-48

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USER NAME = bauerdl

CONTRACT NO. 62253

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

* 99(1&2) R-3&9-1HB-1-BR-2



TYPICAL BENCHING DETAIL FOR EMBANKMENT

NOTES:

1. CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
2. EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
3. BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
4. TRIM TO FINAL SLOPE.
5. EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
6. EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
7. SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

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

REVISIONS	
NAME	DATE
	06/16/04

ILLINOIS DEPARTMENT OF TRANSPORTATION

BENCHING DETAIL
FOR EMBANKMENT
WIDENING

SCALE: VERT. NONE
HORIZ.

DRAWN BY: CADD
CHECKED BY: S.E.B.

BD-51

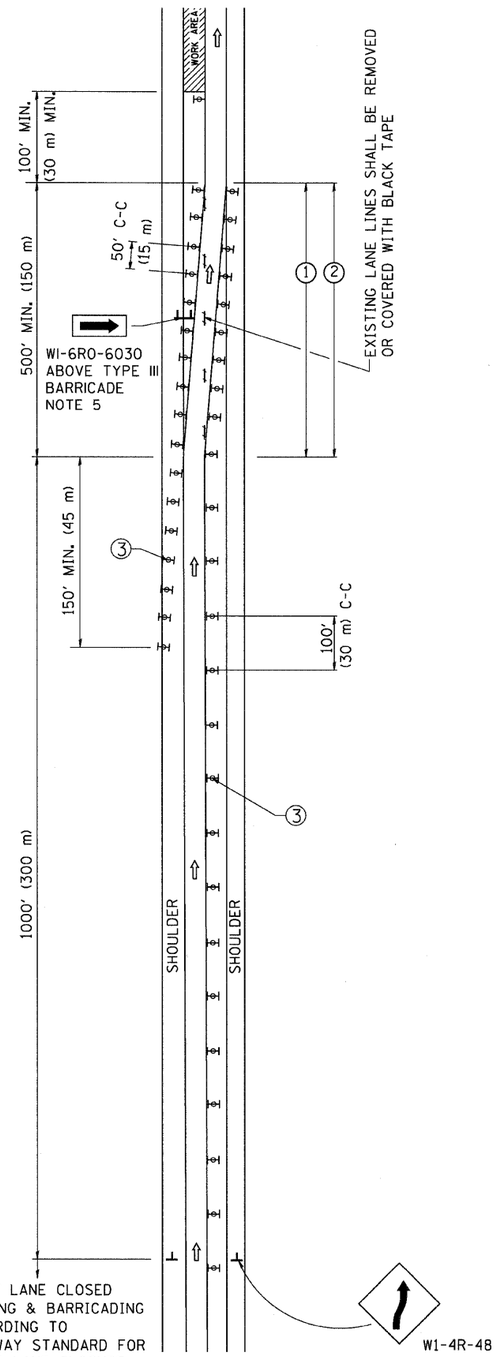
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CONTRACT NO. 62253

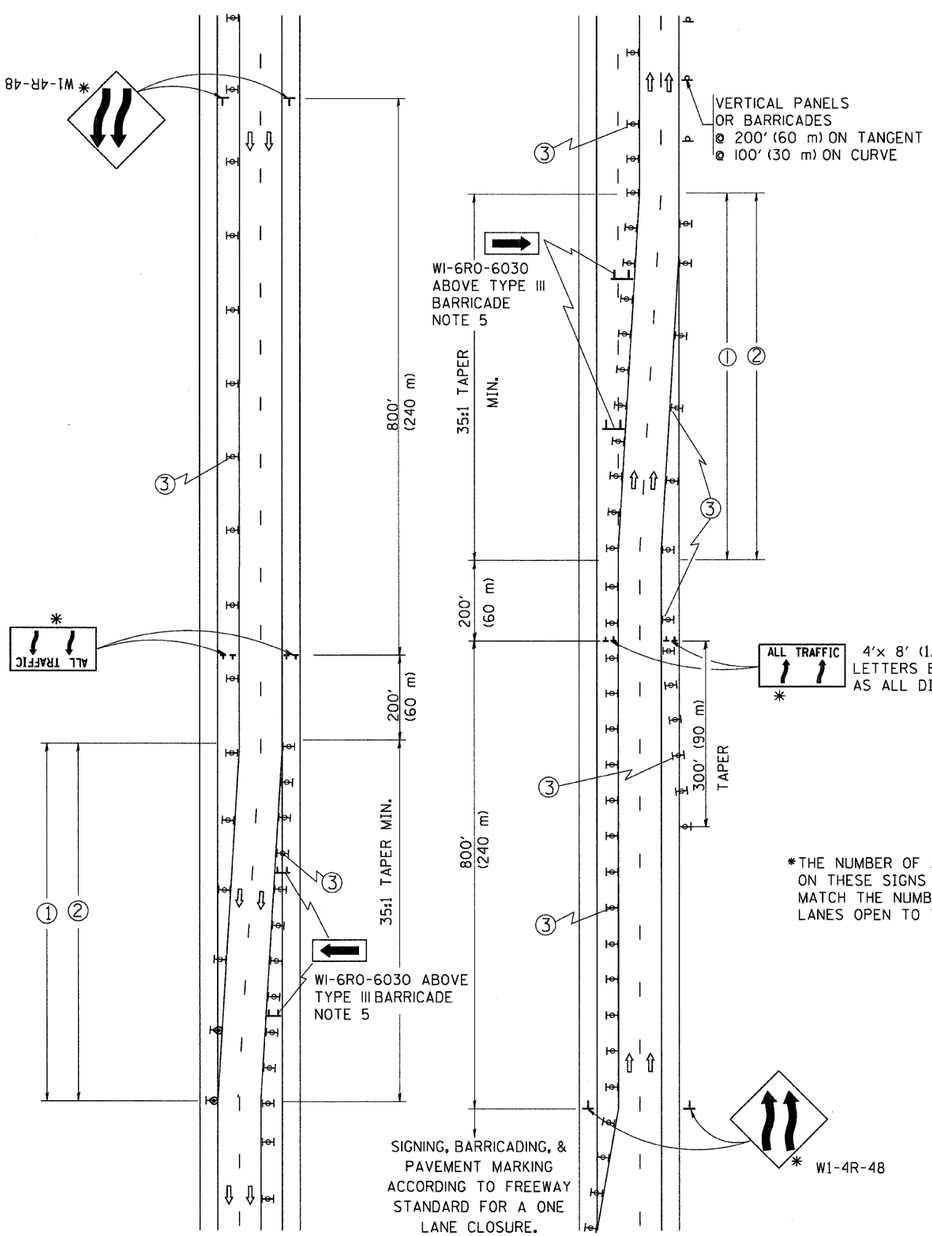
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STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* 99(1&2) R-3&9-1HB-1-BR-2

SINGLE LANE WEAVE



MULTI-LANE WEAVE



ALL TRAFFIC 4'x 8' (1.2 m x 2.4 m); 1 (25) BORDER; 10 (250) CAPITAL LETTERS BACKGROUND SHEETING SHALL BE THE SAME AS ALL DIAMOND SHAPED CONSTRUCTION SIGNS.

*THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC

GENERAL NOTES

1. EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED OR COVERED WITH BLACK TAPE. PAVEMENT MARKING REMOVAL OR BLACK TAPE SHALL NOT BE REQUIRED FOR LANE CLOSURES UNDER 24 HOURS IN DURATION.
2. CONTINOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVE LANE LINES SHALL BE 10'-30' (3 m-9 m) SKIP DASH, WHITE.
3. PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
4. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
5. IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON NCHRP 350 TEMPORARY SIGN SUPPORTS DIRECTLY IN FRONT OF THE BARRICADE.
6. IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE ELIMINATED IN THE TAPER AREAS.

SYMBOLS

- DIRECTION OF TRAFFIC
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

REVISIONS NAME	DATE
DWS	2/87
DWS	1/90
DWS	12/27/94
DWS	11/96
JAF	4/03
JAF	2/06
SPB	1/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE

SCALE: NONE

DRAWN BY R.H.

CHECKED BY

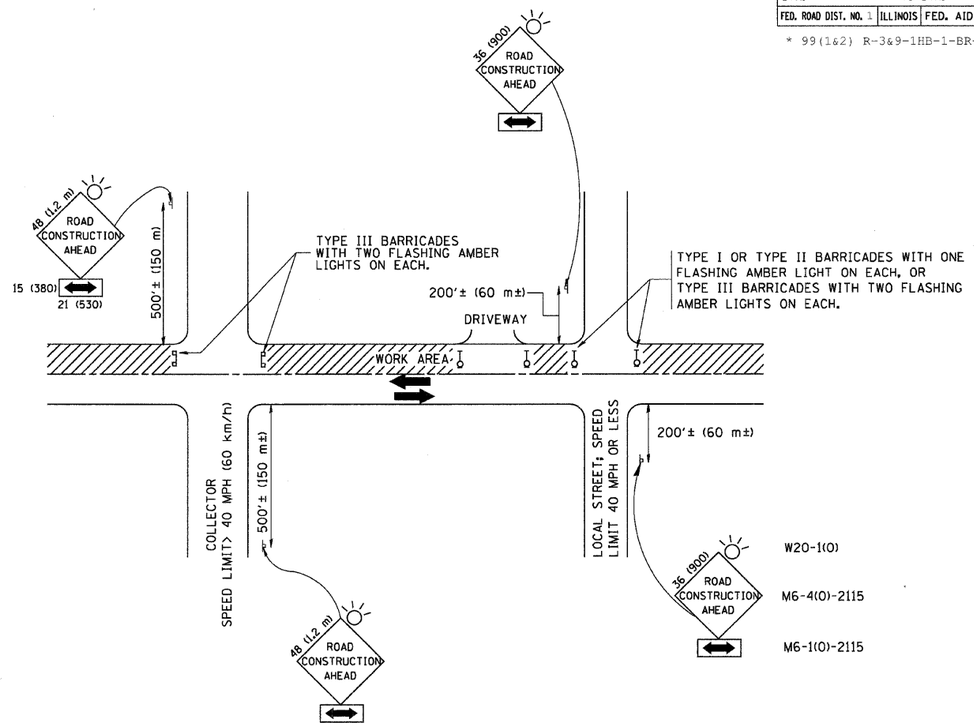
TC-9

PLOT DATE = 3/6/2007
FILE NAME = K:\diasscn\tc09.dgn
PLOT SCALE = 50.000 '/ IN.
USER NAME = bauerdl

CONTRACT NO. 62253

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	214
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* 99(1&2) R-3&9-1HB-1-BR-2



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE

DRAWN BY

CHECKED BY

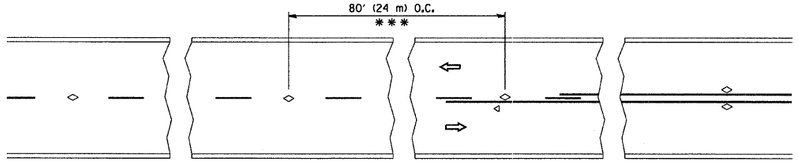
TC-10

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USER NAME = bauerdl

CONTRACT NO. 62253

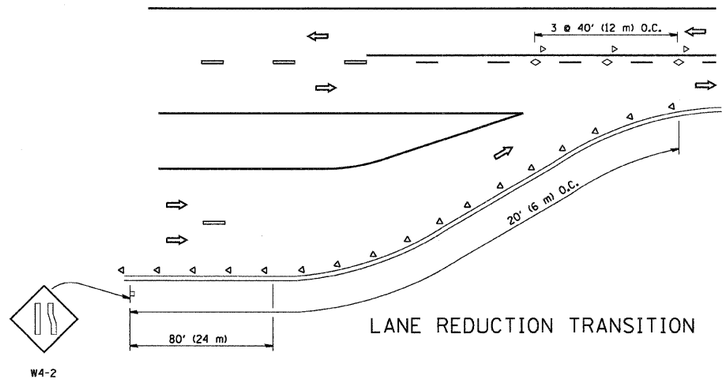
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	215
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* 99(1&2) R-3&9-1HB-1-BR-2

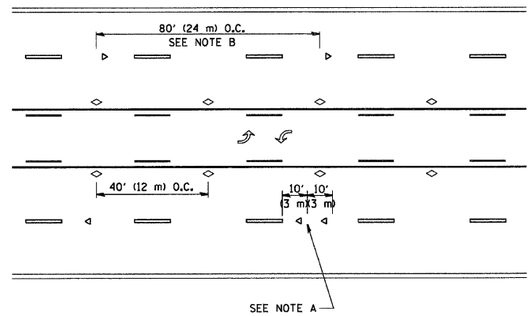


* * * REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

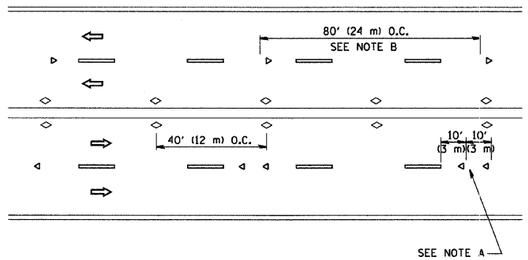
TWO-LANE/TWO-WAY



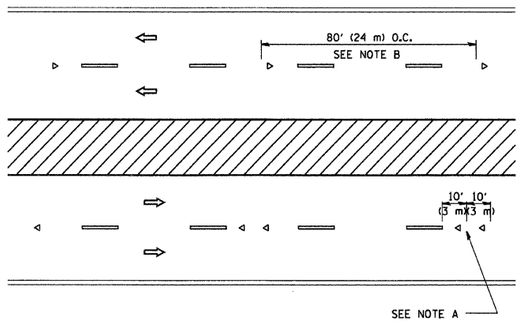
LANE REDUCTION TRANSITION



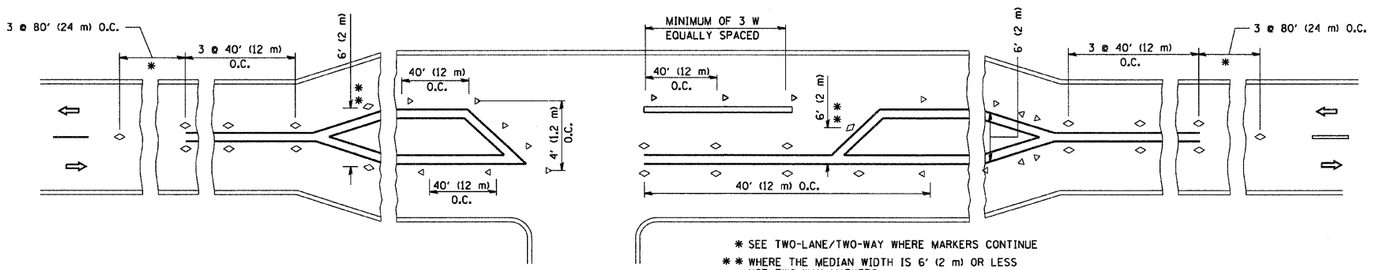
TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED



* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

LEFT TURN

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

LANE MARKER NOTES

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

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

REVISIONS	
NAME	DATE
T. RAMMACHER	09-19-94
T. RAMMACHER	03-12-99
T. RAMMACHER	01-06-00

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

SCALE: NONE

DRAWN BY CADD

CHECKED BY

TC-11

PLOT DATE = 3/6/2007
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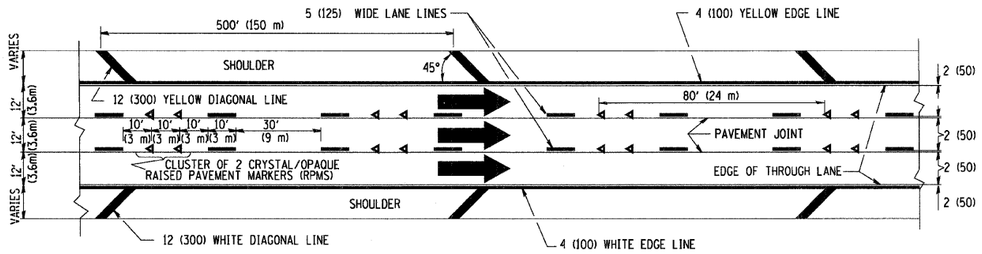
CONTRACT NO. 62253

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	216
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* 99(1&2) R-3&9-1HB-1-BR-2

THE DIAGONAL LINES SHALL BE SPACED AT 40' (12 m) C-C ACROSS ALL STRUCTURES WHICH ARE 500' (150 m) OR LESS IN LENGTH

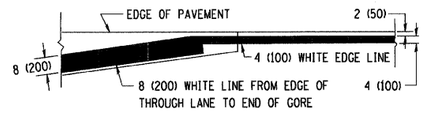
THE DIAGONAL LINES ARE NOT REQUIRED ON SHOULDERS WHICH ARE 6' (1.8 m) OR LESS IN WIDTH



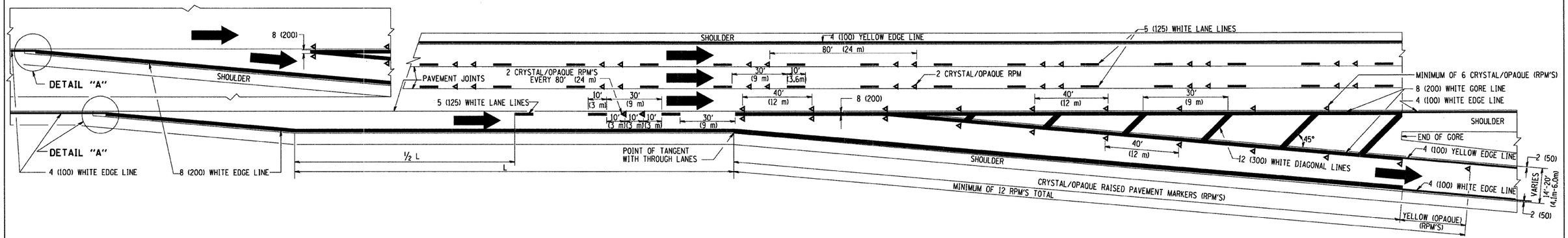
TYPICAL EDGE LINES & LANE LINES

NOTES:

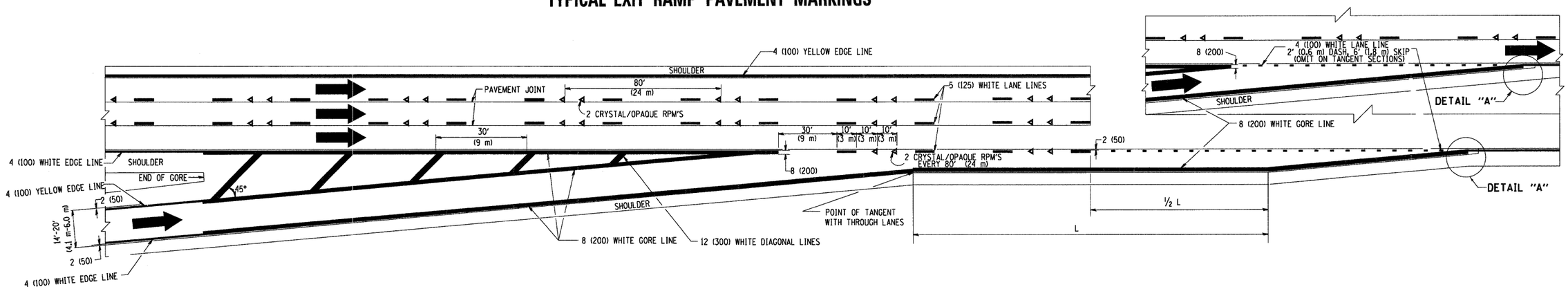
1. THERMO PLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR THE EDGE LINES, GORE LINES, AND DIAGONAL LINES ON BITUMINOUS PAVEMENT ONLY.
2. PREFORMED PLASTIC TYPE B PAVEMENT MARKING LINE SHALL BE USED FOR ALL LANE LINES ON BITUMINOUS PAVEMENT
3. POLYUREA PAVEMENT MARKING SHALL BE USED FOR ALL MARKINGS ON PCC



DETAIL "A"



TYPICAL EXIT RAMP PAVEMENT MARKINGS



TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS

REVISIONS	
NAME	DATE
DWS	1/90
DWS	5/91
AH	3/96
DWS	7/96
JAF	2/06
SPB	1/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS

SCALE: NONE

DRAWN BY C.A.D.D.

CHECKED BY

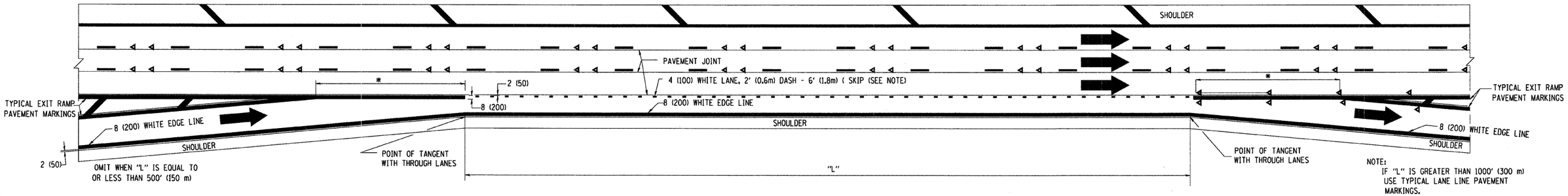
TC12 SHEET 1 OF 2

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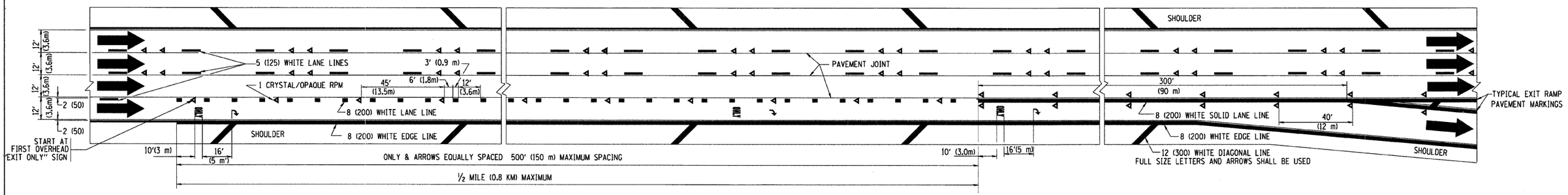
CONTRACT NO. 62253

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

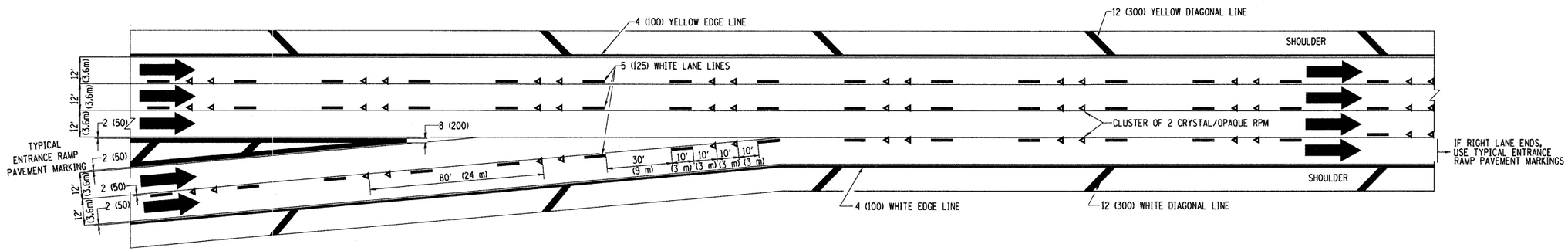
* 99(1&2) R-3&9-1HB-1-BR-2



TYPICAL ENTRANCE/EXIT RAMP COMBINATION PAVEMENT MARKINGS



TYPICAL EXIT ONLY LANE PAVEMENT MARKINGS



TYPICAL TWO LANE ENTRANCE RAMP PAVEMENT MARKINGS

REVISIONS	
NAME	DATE
DWS	1/90
DWS	5/91
SPB	1/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS

SCALE: NONE

DRAWN BY C.A.D.D.

CHECKED BY

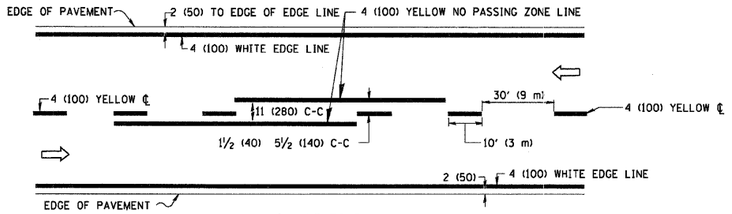
TC12 SHEET 2 OF 2

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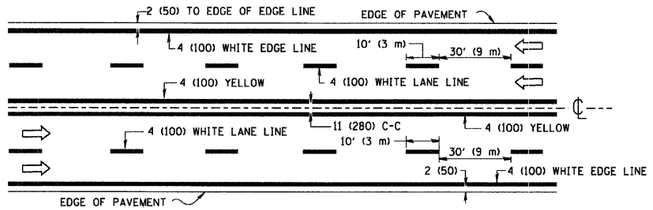
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

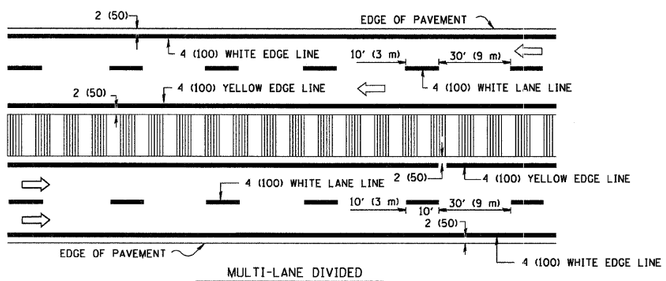
* 99(1&2) R-3&9-1HB-1-BR-2



2-LANE ROADWAY



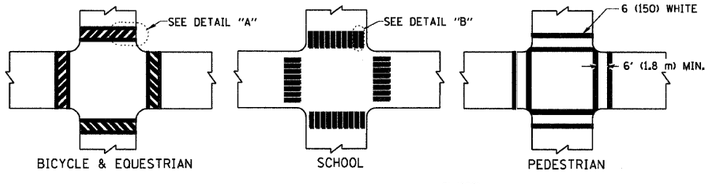
MULTI-LANE UNDIVIDED



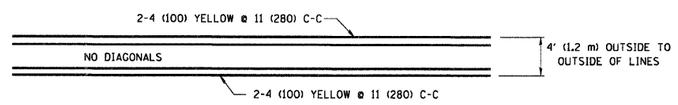
MULTI-LANE DIVIDED
WITH MOUNTABLE MEDIAN

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

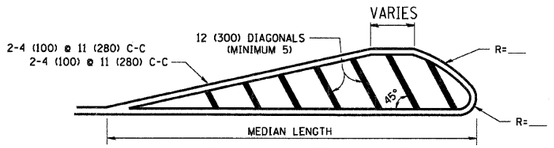
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



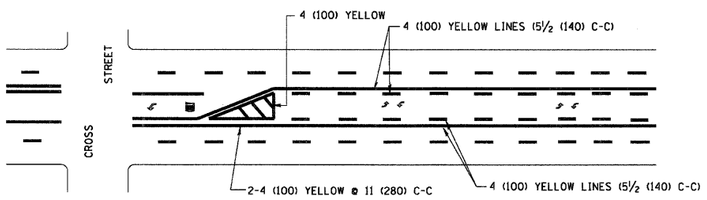
4' (1.2 m) WIDE MEDIANS ONLY



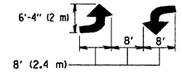
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

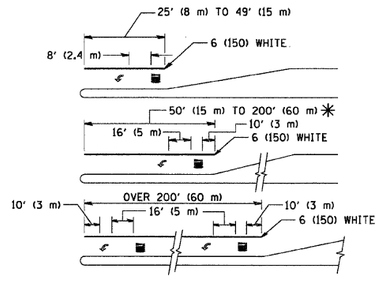


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

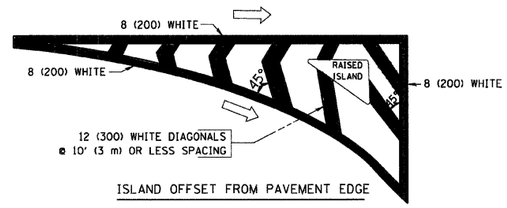


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.6 SQ. FT. (1.5 m^2) ONLY AREA = 20.8 SQ. FT. (1.9 m^2)

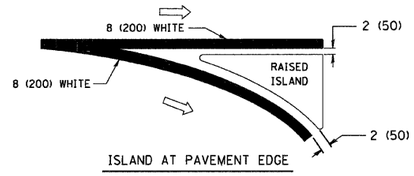
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVEDED PAVEMENT	2 ⌀ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 ⌀ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 ⌀ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 ⌀ 6 (150) 12 (300) ⌀ 45° 12 (300) ⌀ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 ⌀ 4 (100) WITH 12 (300) DIAGONALS ⌀ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS ⌀ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m^2) EACH "X"=54.0 SQ. FT. (5.0 m^2)
SHOULDER DIAGONALS	12 (300) ⌀ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE

DRAWN BY CADD

CHECKED BY

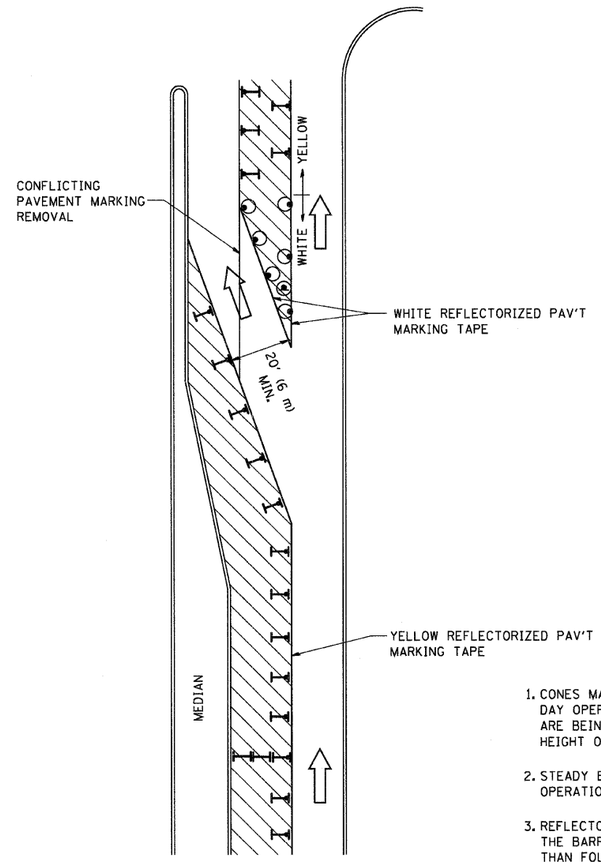
TC-13

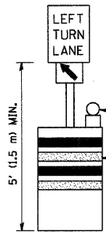
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USER NAME = bauerdl

CONTRACT NO. 62253

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	219
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* 99(1&2) R-3&9-1HB-1-BR-2





R 3-110OL 24 x 24 (600 x 600)

M6-2L 21 x 15 (530 x 380)

OPTIONAL FLASHING LIGHT

STANDARD 702001
DRUM FILLED WITH ENOUGH
SAND (BAGS) FOR STABILIZATION

GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM BT 725 IS REQUIRED.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

LEGEND

WORK AREA

LANE OPEN TO TRAFFIC

TYPE I OR II BARRICADE WITH
STEADY BURN LIGHT

DRUM WITH STEADY BURN LIGHT

DRUM WITH SIGN (WITH OPTIONAL FLASHING
LIGHT) SEE DETAIL

TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

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

REVISIONS	
NAME	DATE
T. RAMMACHER	09/08/94
A. HOUSEH	11/07/95
A. HOUSEH	10/12/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)

SCALE: NONE

DRAWN BY

CHECKED BY LHA

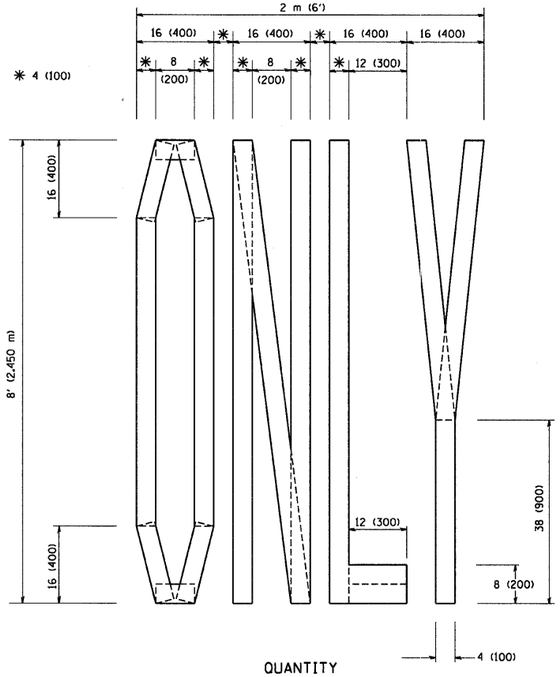
TC-14

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USER NAME = bauerdl

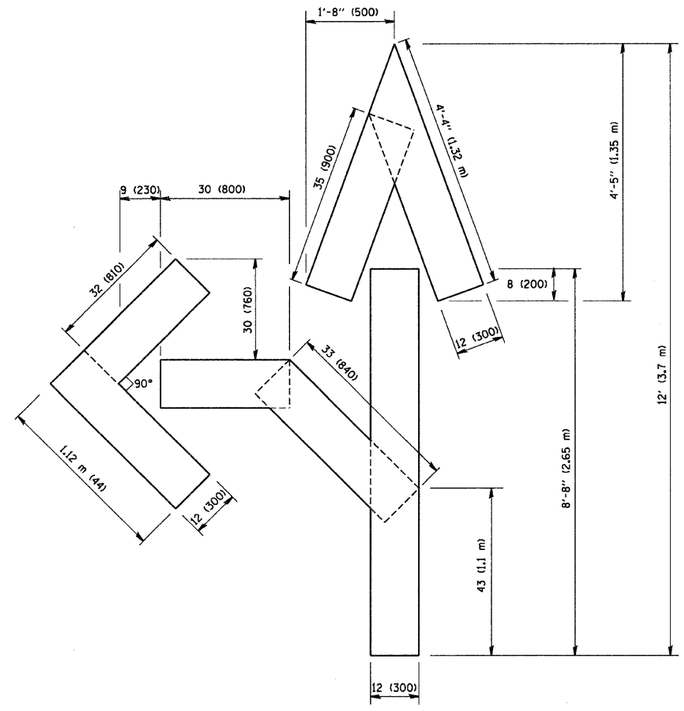
CONTRACT NO. 62253

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	220
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

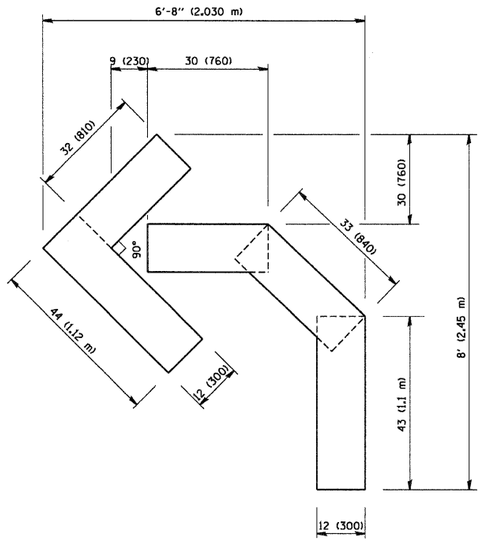
* 99(1&2) R-3&9-1HB-1-BR-2



QUANTITY
4 (100) LINE = 64.1 ft. (19.7 m)
21.1 sq. ft. (1.97 sq. m)



QUANTITY
4 (100) LINE = 82.5 ft. (25.3 m)
27.5 sq. ft. (2.53 sq. m)



QUANTITY
4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.39 sq. m)

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

REVISIONS	
NAME	DATE
T. RAMMACHER	09/18/94
J. OBERLE	06/01/96
T. RAMMACHER	06/05/96
T. RAMMACHER	11/04/97
T. RAMMACHER	03/02/98
E. GOMEZ	08/28/00

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING

SCALE: NONE

DRAWN BY CADD

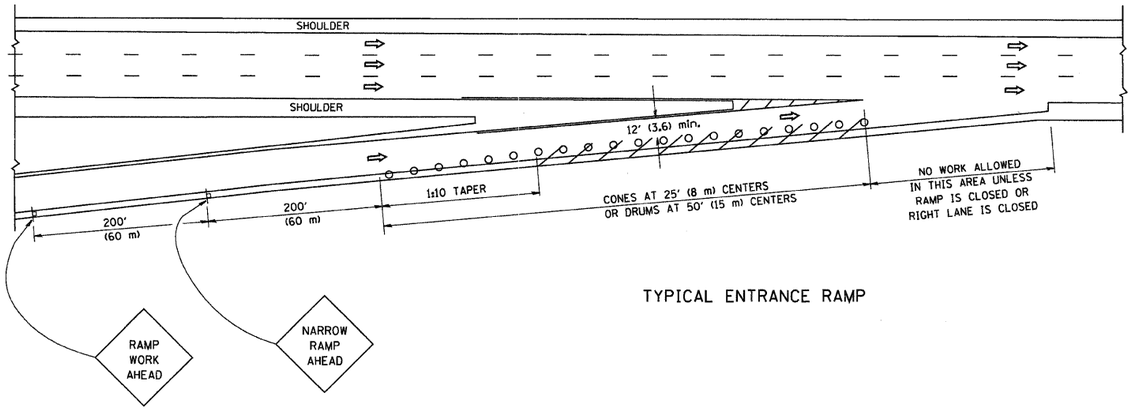
CHECKED BY

TC-16

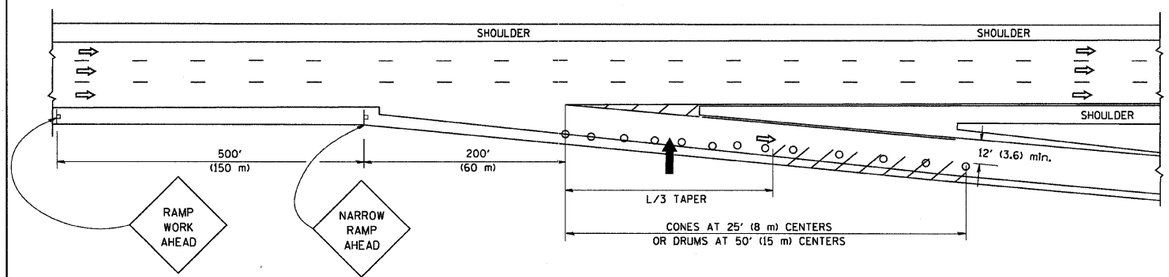
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USER NAME = bauerdl

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	221
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

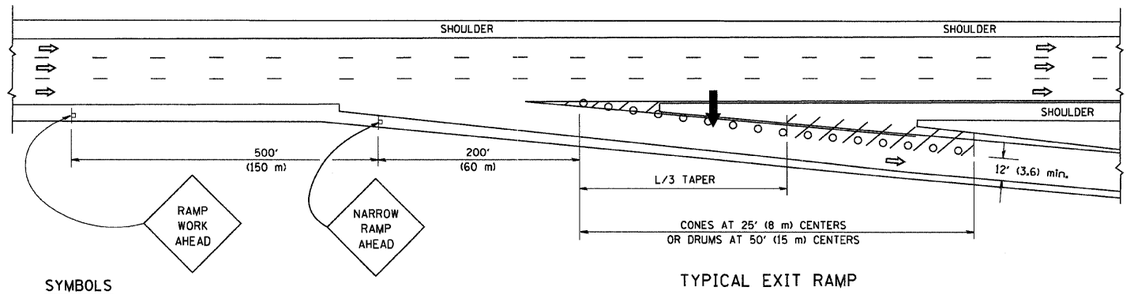
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

- ARROWBOARD
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE

GENERAL NOTES

1. THE "L" DISTANCE EQUALS:

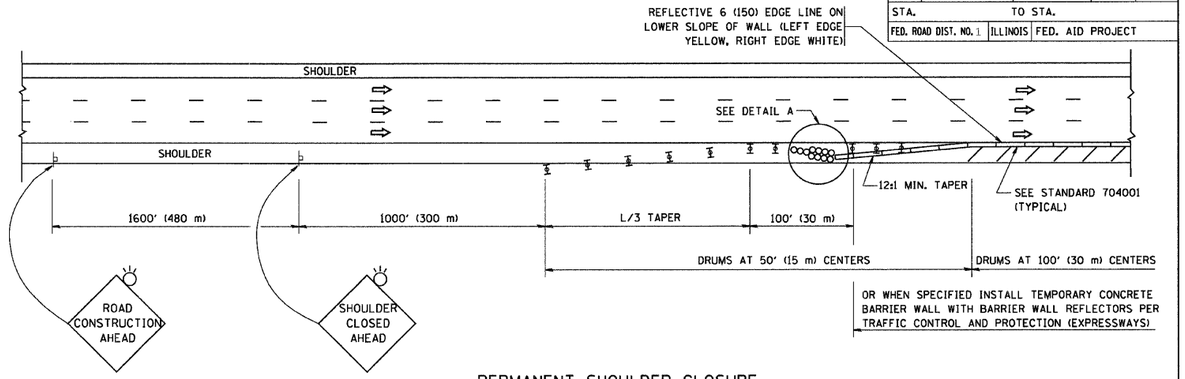
SPEED LIMIT	FORMULAS	
	METRIC	ENGLISH
45 mph (80 km/h) OR GREATER:	L=0.65(W)(S)	L=(W)(S)

W = WIDTH OF OFFSET IN FEET (METERS)
S = NORMAL POSTED SPEED MPH (KM/H)

2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTIME CLOSURES.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.
5. THE IMPACT ATTENTUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE "TRAFFIC BARRIER TERMINAL, TYPE III, TEMPORARY" DEVICE TO MEET NCHRP350 FOR POSTED SPEED.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
   a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
   b. THE WORK AVTIVITY REQUIRES FREQUENT ENCROACHMENT INTO THE LANE OPEN TO TRAFFIC.

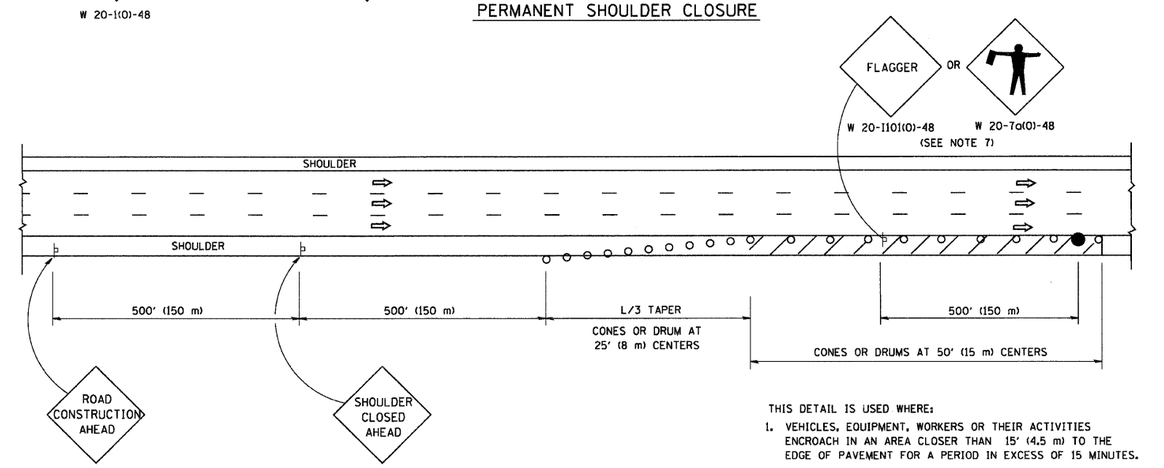
THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.

SHOULDER CLOSURE DETAILS



W 20-1(0)-48

PERMANENT SHOULDER CLOSURE

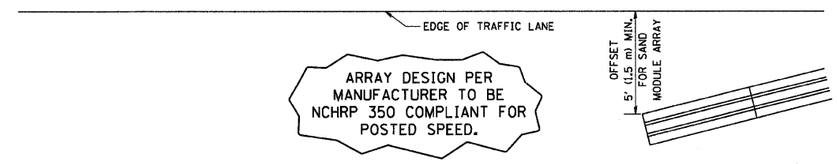


W 20-1(0)-48

THIS DETAIL IS USED WHERE:

1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.

DAYTIME SHOULDER CLOSURE



DETAIL "A"
IMPACT ATTENTUATOR, TEMPORARY
(SEE NOTE 5)

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

REVISIONS	
NAME	DATE
DWS	11/96
JAF	12/02
NCHRP 350	04/03
JAF	2/06
SPB	1/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES PARTIAL RAMP CLOSURES

SCALE: NONE

DESIGNED BY: DWS
DRAWN BY
CHECKED BY

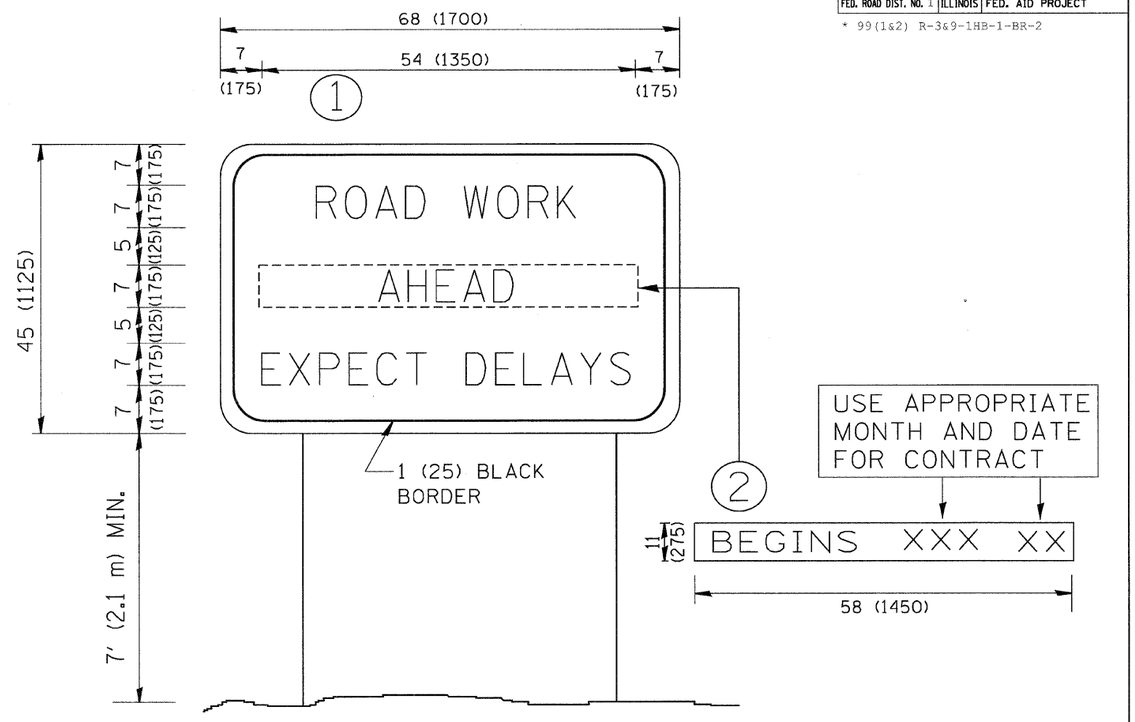
TC-17

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PLOT SCALE = 50.0000 ' / IN.
USER NAME = bauerdl

CONTRACT NO. 62253

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	222
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* 99(1&2) R-3&9-1HB-1-BR-2



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN (1) WITH INSTALLED PANEL (2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL (2) SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

REVISIONS	
NAME	DATE
R. MIRS	9-15-97
R. MIRS	12-11-97
T. RAMMACHER	2-2-99
C. JUCIUS	1-31-07

ILLINOIS DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

SCALE: NONE

DRAWN BY DESIGN

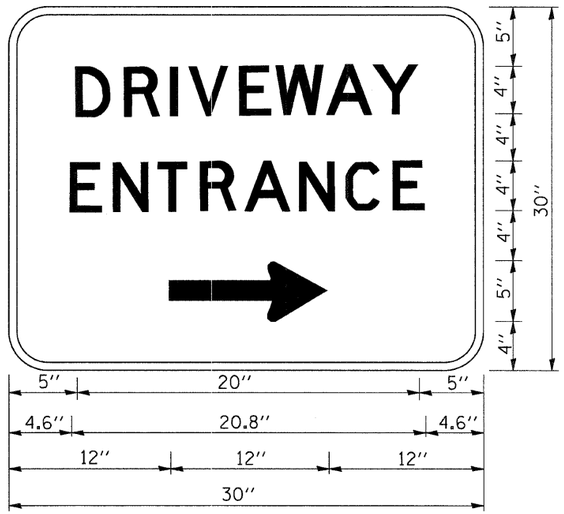
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USER NAME = bauerdl

CONTRACT NO. 62253

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	223
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* 99(1&2) R-3&9-1HB-1-BR-2



3.0'' RADIUS, 0.5'' BORDER, WHITE ON GREEN; REFLECTORIZED
''DRIVEWAY'' D; ''ENTRANCE'' D; STANDARD ARROW CUSTOM 12.0'' x 5.0''

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM ''TEMPORARY INFORMATION SIGNING''.

PLOT DATE = 3/9/2007
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PLOT SCALE = 50.000 '/ IN.
USER NAME = bauerdl

REVISIONS NAME	DATE
C. JUCIUS	02/15/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

DRIVEWAY ENTRANCE SIGNING

SCALE: NONE — DRAWN BY R.H.
DATE — CHECKED BY

TC-26

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	224
STA. 14024+23.67		TO STA.14024+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

785

780

775

EX. ROW

STAGE I
CUT = 9.26 SQ FT
FILL = 9.06 SQ FT
T/S STRIP = 6.86 SQ FT

783.30
783.35

1:7

STAGE II
CUT = 35.41 SQ FT
FILL = 0.93 SQ FT
T/S STRIP = 8.22 SQ FT

EX. ROW

1:3

1:2

780.52

14024+50.00

785

780

EX. ROW

STAGE I
CUT = 13.96 SQ FT
FILL = 10.93 SQ FT
T/S STRIP = 8.96 SQ FT

783.12
783.12

1:8

STAGE II
CUT = 16.33 SQ FT
FILL = 0.93 SQ FT
T/S STRIP = 0.91 SQ FT

EX. ROW

1:3

14024+23.67

785

780

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

CROSS SECTIONS: MANHATTAN - MONEE ROAD

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
ISSUE DATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
ISSUE DATE
AREAS
AREAS CHECKED
BY
DATE

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8/1/2008

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	225
STA. 14025+00.00	TO STA.14025+50.00			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK	NO.	BY	DATE
	SURVEYED			
	PLOTTED			
	DRAWN			
	AREAS			
	AREAS CHECKED			

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

785
780

EX. ROW

STAGE I
CUT = 19.90 SQ FT
FILL = 22.83 SQ FT
T/S STRIP = 12.98 SQ FT

783.88'
784.06

STAGE II
CUT = 18.21 SQ FT
FILL = 9.41 SQ FT
T/S STRIP = 10.79 SQ FT

EX. ROW

1:3
1:4
781.52'

14025+50.00

ORIGINAL SURVEY	NOTE BOOK	NO.	BY	DATE
	SURVEYED			
	PLOTTED			
	DRAWN			
	AREAS			
	AREAS CHECKED			

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8/1/2008

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

785
780
775

EX. ROW

STAGE I
CUT = 17.17 SQ FT
FILL = 22.93 SQ FT
T/S STRIP = 14.41 SQ FT

783.66
783.73

STAGE II
CUT = 41.02 SQ FT
FILL = 1.73 SQ FT
T/S STRIP = 11.05 SQ FT

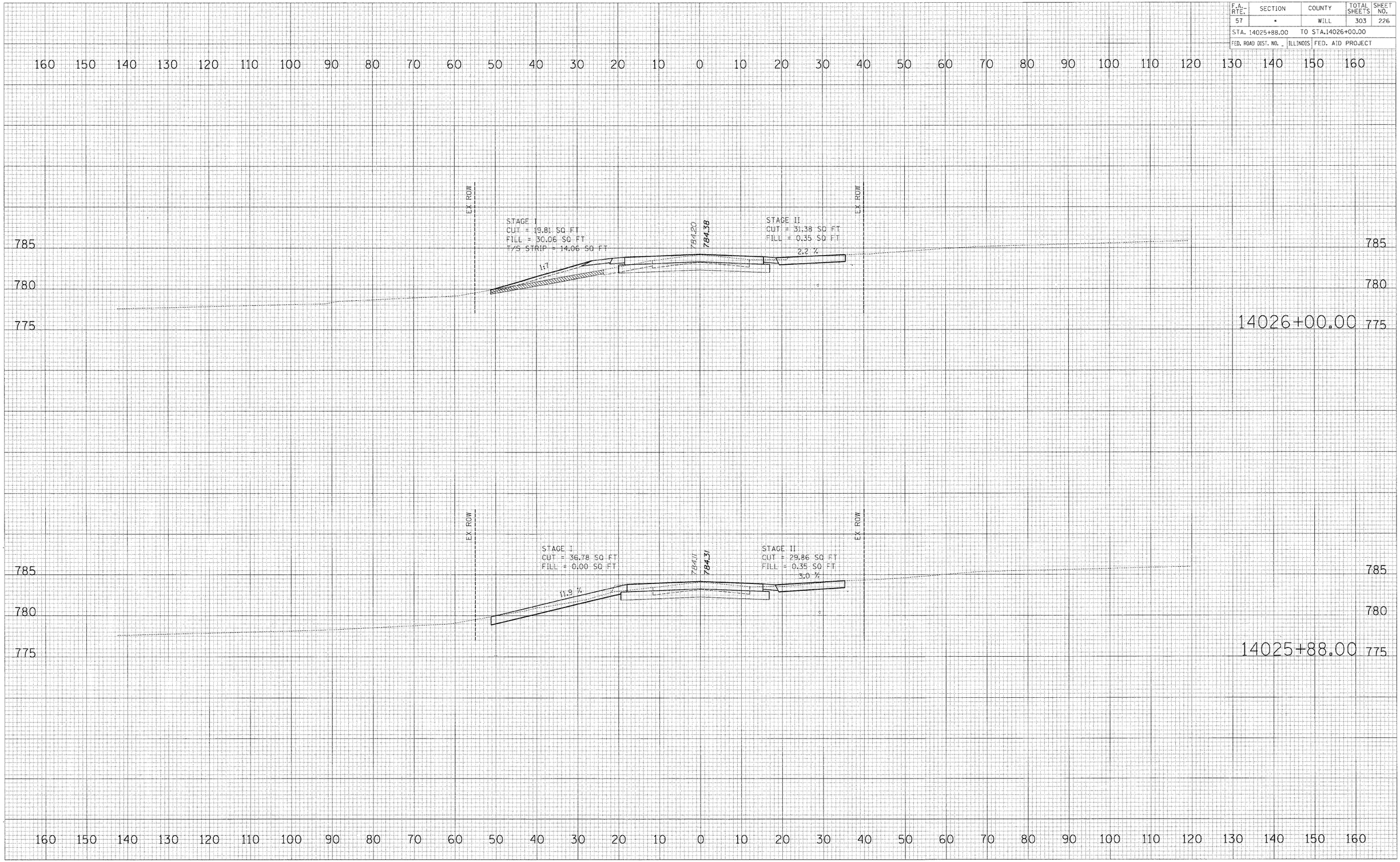
EX. ROW

1:9
1:3
1:4
781.62

14025+00.00

CROSS SECTIONS: MANHATTAN - MONEE ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	226
STA. 14025+88.00		TO STA.14026+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY — NOTE BOOK — NO.
SURVEYED — DATE
PLOTTED — BY
CHECKED
AREAS
AREAS CHECKED

ORIGINAL SURVEY — NOTE BOOK — NO.
SURVEYED — DATE
PLOTTED — BY
CHECKED
AREAS
AREAS CHECKED

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8/1/2008

CROSS SECTIONS: MANHATTAN - MONEE ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	-	WILL	303	227
STA. 14026+50.00		TO STA.14027+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	DATE	BY
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	DRAWN	
	AREAS	
	AREAS CHECKED	

ORIGINAL SURVEY	DATE	BY
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	DRAWN	
	AREAS	
	AREAS CHECKED	

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

785
780

EX. ROW

STAGE I
CUT = 20.12 SQ FT
FILL = 18.96 SQ FT
T/S STRIP = 12.19 SQ FT

STAGE III
CUT = 3.38 SQ FT
FILL = 6.54 SQ FT

STAGE II
CUT = 21.36 SQ FT
FILL = 11.42 SQ FT
T/S STRIP = 8.71 SQ FT

EX. ROW

785.01

1:3

1:4

14027+00.00

785
780

EX. ROW

STAGE I
CUT = 23.49 SQ FT
FILL = 33.85 SQ FT
T/S STRIP = 14.90 SQ FT

784.53

784.71

STAGE II
CUT = 35.98 SQ FT
FILL = 3.90 SQ FT
T/S STRIP = 12.25 SQ FT

EX. ROW

1:5

1:3

780.87

14026+50.00

785
780
775

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

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8/1/2008

CROSS SECTIONS: MANHATTAN - MONEE ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	228
STA. 14027+50.00		TO STA.14028+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

790
785
780
775

EX. ROW

STAGE I
CUT = 23.12 SQ FT
FILL = 60.56 SQ FT
T/S STRIP = 18.41 SQ FT

STAGE III
CUT = 3.76 SQ FT
FILL = 8.61 SQ FT

STAGE II
CUT = 27.66 SQ FT
FILL = 43.81 SQ FT
T/S STRIP = 20.95 SQ FT

786.57
786.72

1:2
1:3.5
1:4

779.51

EX. ROW

PR ROW

14028+00.00

EX. ROW

STAGE I
CUT = 24.09 SQ FT
FILL = 40.95 SQ FT
T/S STRIP = 17.64 SQ FT

STAGE III
CUT = 4.08 SQ FT
FILL = 6.33 SQ FT

STAGE II
CUT = 28.05 SQ FT
FILL = 25.87 SQ FT
T/S STRIP = 17.95 SQ FT

785.72
785.84

1:3
1:4
1:4

779.96

EX. ROW

14027+50.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

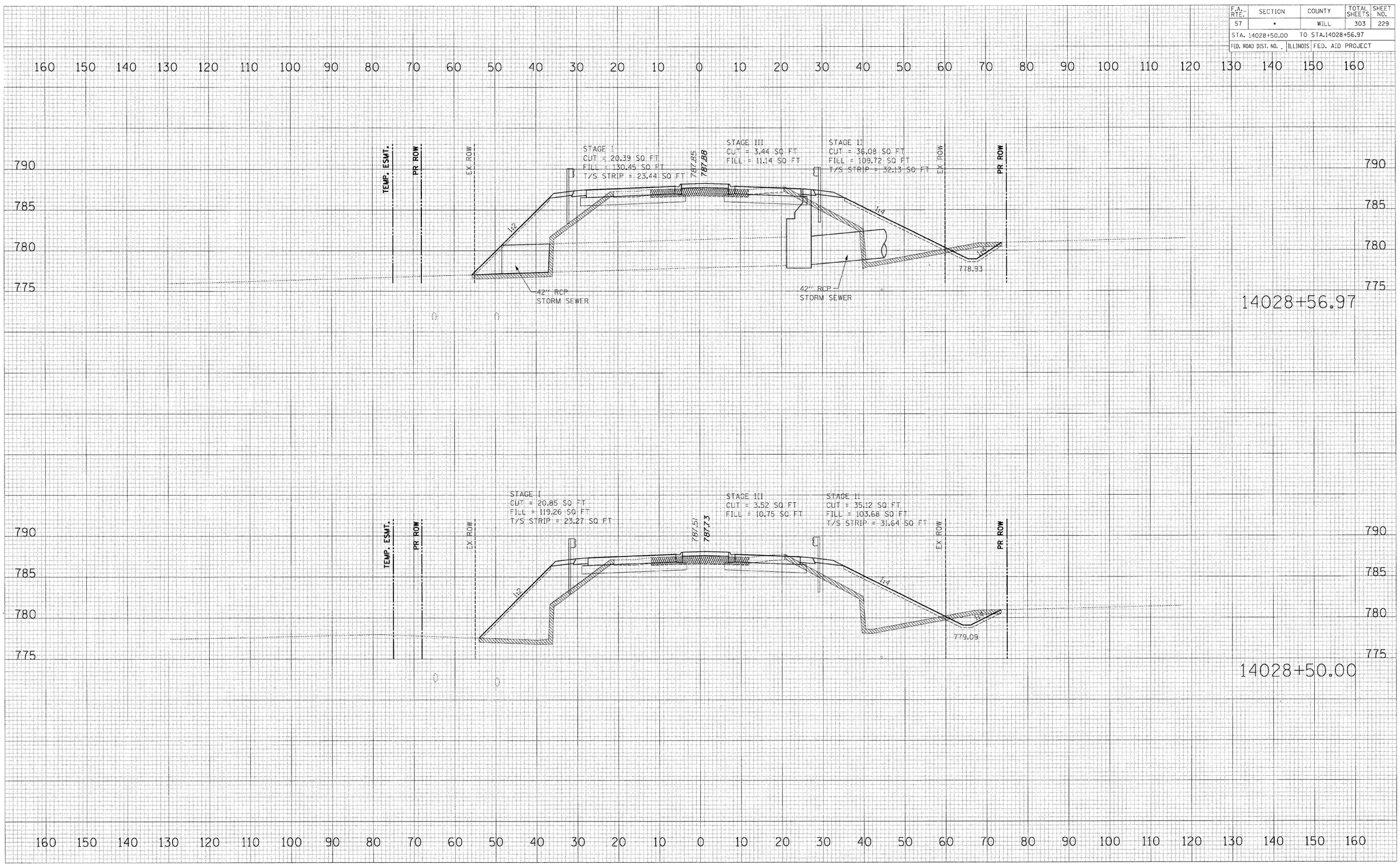
FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS CHECKED	

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8/1/2008

CROSS SECTIONS: MANHATTAN - MONEE ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	229
STA. 14028+50.00		TO STA. 14028+56.97		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



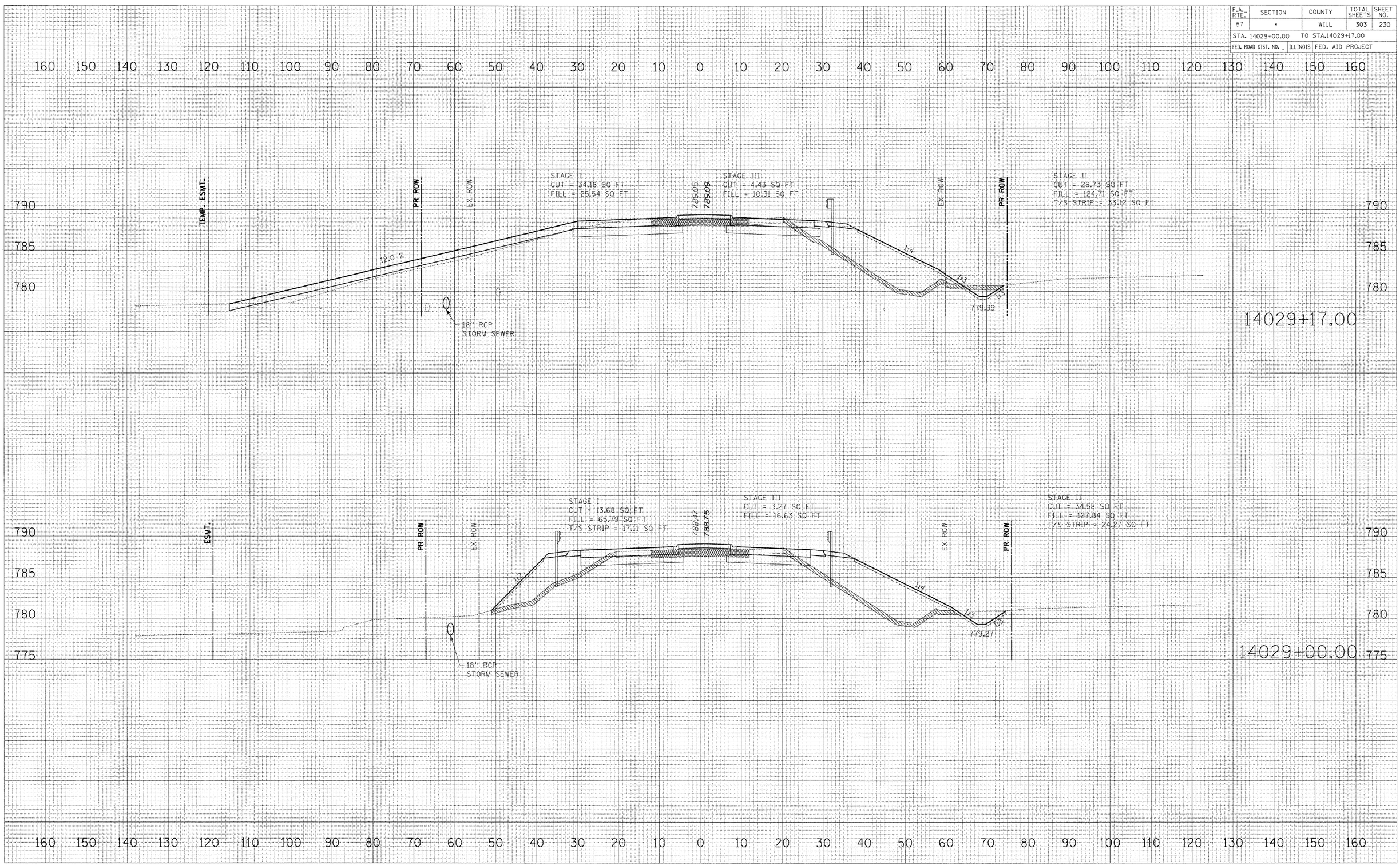
FINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED
PLOTTED
TRIANGULATE
AREAS
AREAS CHECKED

ORIGINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED
PLOTTED
TRIANGULATE
AREAS
AREAS CHECKED

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8/1/2008

CROSS SECTIONS: MANHATTAN - MONEE ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	230
STA. 14029+00.00		TO STA. 14029+17.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



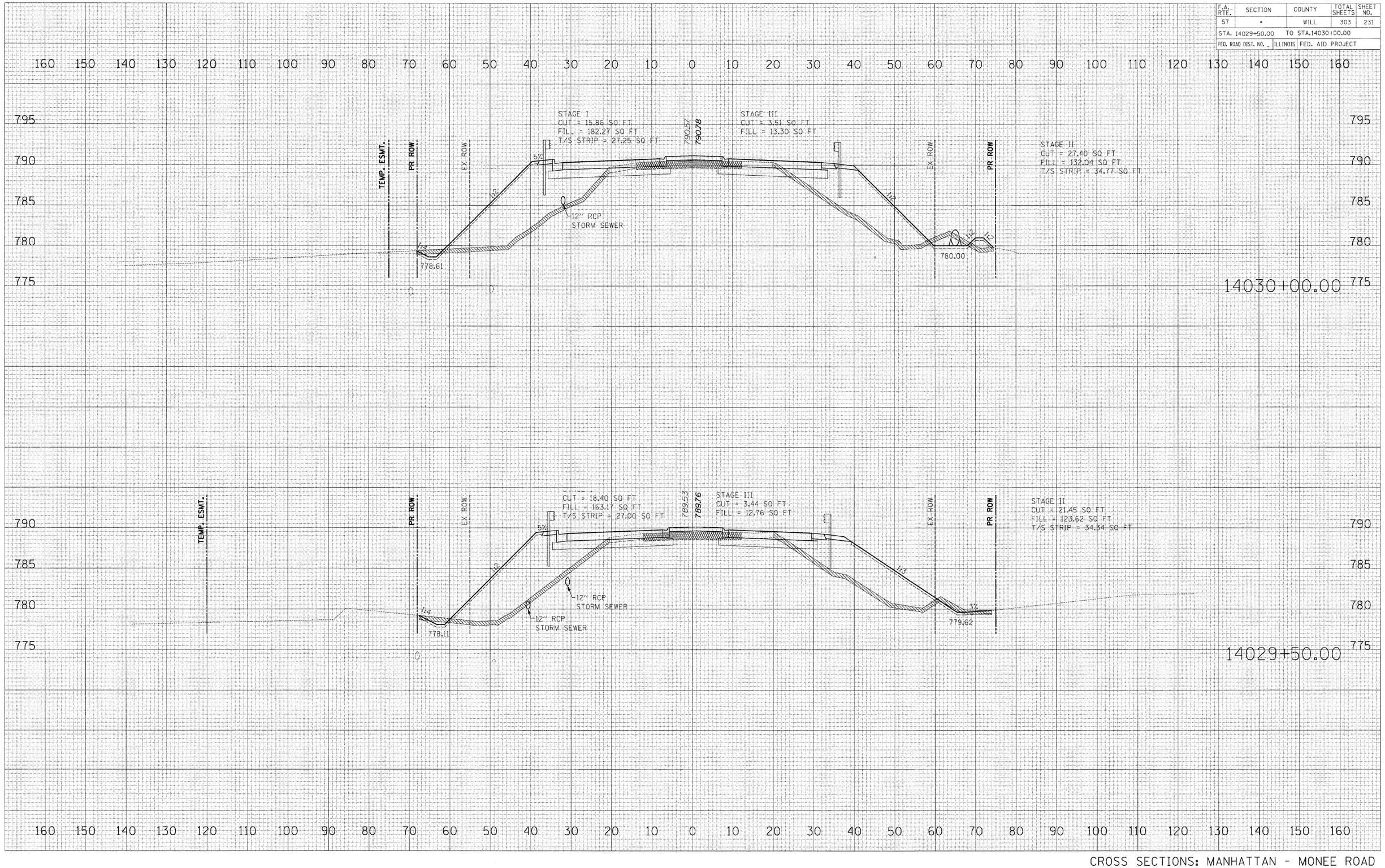
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TYPICAL SECT.		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TYPICAL SECT.		
	AREAS		
	AREAS CHECKED		

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8/1/2008

CROSS SECTIONS: MANHATTAN - MONEE ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	231
STA. 14029+50.00	TO STA. 14030+00.00			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



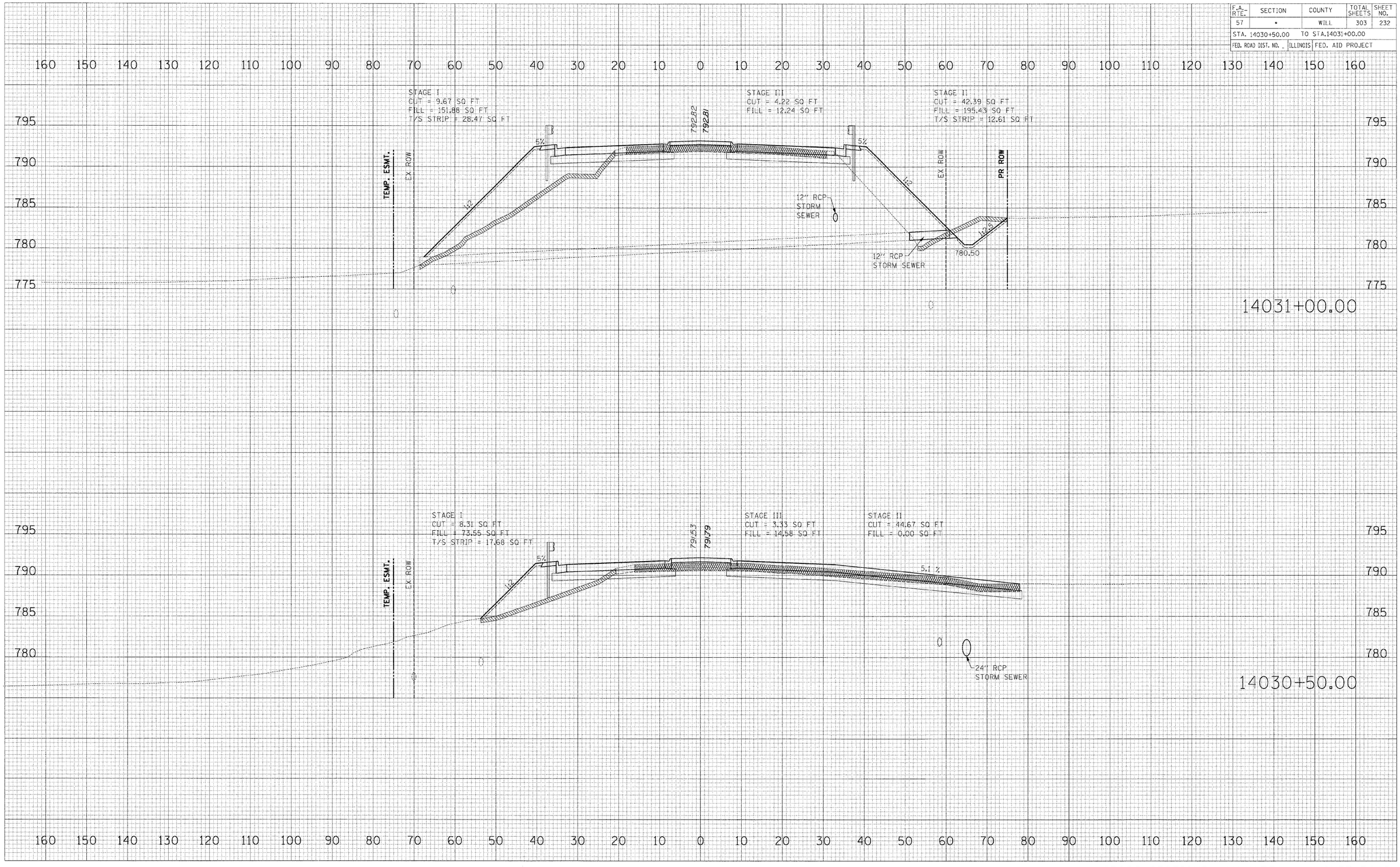
FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS	AREAS CHECKED

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS	AREAS CHECKED

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8/1/2008

CROSS SECTIONS: MANHATTAN - MONEE ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	232
STA. 14030+50.00		TO STA.14031+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED				
PLOTTED				
TURNAREAS				
AREAS				
AREAS CHECKED				

ORIGINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED				
PLOTTED				
TURNAREAS				
AREAS				
AREAS CHECKED				

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8/1/2006

CROSS SECTIONS: MANHATTAN - MONEE ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	233
STA. 14031+50.00		TO STA.14032+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY — SURVEYED — DATE — BY
NOTE BOOK — PLOTTED — CHECKED — AREAS — AREAS CHECKED — NO.

ORIGINAL SURVEY — SURVEYED — DATE — BY
NOTE BOOK — PLOTTED — CHECKED — AREAS — AREAS CHECKED — NO.

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8/1/2008

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

795
790
785
780

STAGE I
CUT = 45.67 SQ FT
FILL = 11.83 SQ FT
T/S STRIP = 10.13 SQ FT

STAGE III
CUT = 4.35 SQ FT
FILL = 12.00 SQ FT

STAGE II
CUT = 27.55 SQ FT
FILL = 17.23 SQ FT

SEE RAMP B
4.08%
794.83
794.84
5%
1:2
EX ROW
14032+00.00

STAGE I
CUT = 19.78 SQ FT
FILL = 225.14 SQ FT
T/S STRIP = 38.63 SQ FT

PROPOSED TRAFFIC CONTROLLER CABINET LOCATION
5%
1:2
793.96
793.82
STAGE III
CUT = 4.36 SQ FT
FILL = 11.95 SQ FT
5%
1:3
STAGE II
CUT = 37.24 SQ FT
FILL = 194.96 SQ FT
T/S STRIP = 32.76 SQ FT
EX ROW
PR ROW
781.25
14031+50.00

CROSS SECTIONS: MANHATTAN - MONEE ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	-	WILL	303	234
STA. 14032+50.00		TO STA.14032+86.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

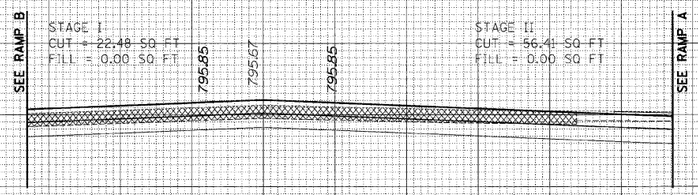
SURVEYED
PLOTTED
DRAWN
AREAS
AREAS CHECKED



14032+86.00

ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

SURVEYED
PLOTTED
DRAWN
AREAS
AREAS CHECKED



14032+50.00

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8/1/2008

CROSS SECTIONS: MANHATTAN - MONEE ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	235
STA. 14033+22.00		TO STA. 14033+22.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
CHECKED
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
CHECKED
AREAS
AREAS CHECKED
BY
DATE

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8/1/2008

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

STAGE I
CUT = 8.83 SQ FT
FILL = 448.08 SQ FT
T/S STRIP = 43.23 SQ FT

STAGE II
CUT = 17.00 SQ FT
FILL = 53.34 SQ FT
T/S STRIP = 3.52 SQ FT

797.32
797.15
797.12
2%
5%
1:2
1:2
SEE RAMP A
12" RCP
STORM SEWER

800
795
790
785
780
775

14033+22.00

CROSS SECTIONS: MANHATTAN - MONEE ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	-	WILL	303	236
STA. 14033+50.00	TO STA.14033+50.00			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK	TABULATE	
NO.	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK	TABULATE	
NO.	AREAS CHECKED	

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8/1/2008

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

STAGE I
CUT = 11.12 SQ FT
FILL = 465.88 SQ FT
T/S STRIP = 44.62 SQ FT

STAGE III
CUT = 1.73 SQ FT
FILL = 0.00 SQ FT

STAGE II
CUT = 12.10 SQ FT
FILL = 315.88 SQ FT
T/S STRIP = 18.71 SQ FT

797.92
797.56
797.92

PROPOSED MAST ARM LOCATION

2%
5%
1:2
1:2
1:2

12" RCP STORM SEWER
12" RCP STORM SEWER
12" RCP STORM SEWER

800 795 790 785 780 775

14033+50.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

CROSS SECTIONS: MANHATTAN - MONEE ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	237
STA. 14034+00.00		TO STA.14034+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

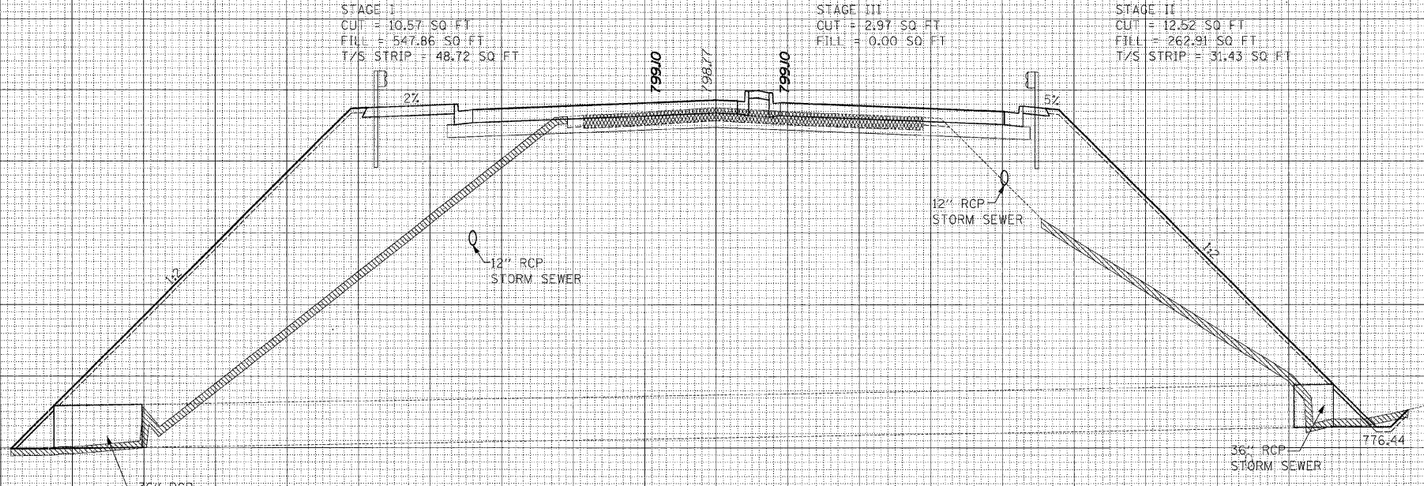
FINAL SURVEY	DATE	BY
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS CHECKED	

ORIGINAL SURVEY	DATE	BY
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS CHECKED	

STAGE I
CUT = 10.57 SQ FT
FILL = 547.86 SQ FT
T/S STRIP = 48.72 SQ FT

STAGE III
CUT = 2.97 SQ FT
FILL = 0.00 SQ FT

STAGE II
CUT = 12.52 SQ FT
FILL = 262.91 SQ FT
T/S STRIP = 31.43 SQ FT



CROSS SECTIONS: MANHATTAN - MONEE ROAD

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8/1/2008

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	238
STA. 14034+50.00	TO STA. 14034+50.00			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS		
NO.	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS		
NO.	AREAS CHECKED	

STAGE I
CUT = 1.88 SQ FT
FILL = 560.60 SQ FT
T/S STRIP = 46.86 SQ FT

STAGE III
CUT = 0.81 SQ FT
FILL = 0.00 SQ FT

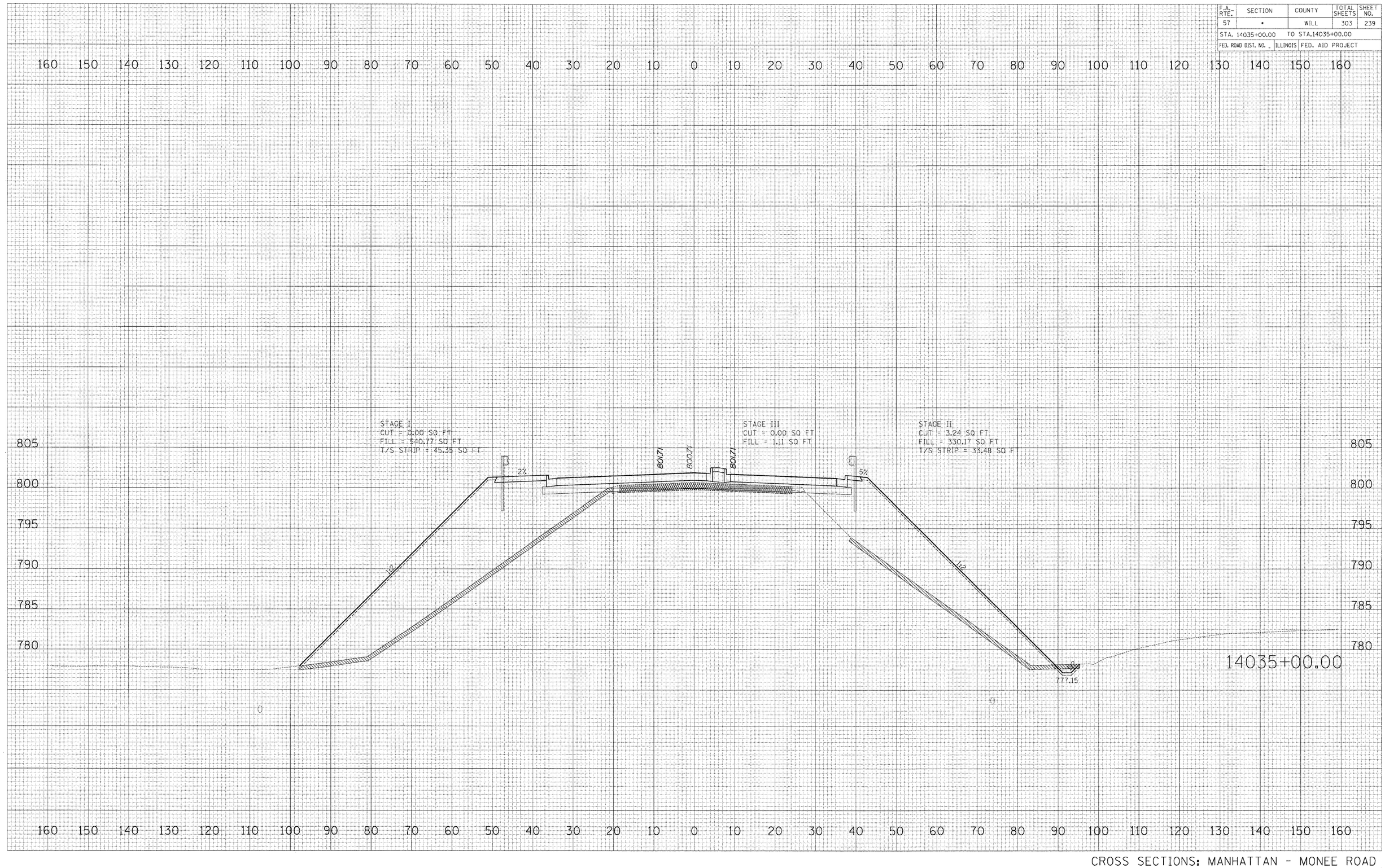
STAGE II
CUT = 3.65 SQ FT
FILL = 285.04 SQ FT
T/S STRIP = 37.61 SQ FT

800.40
799.75
800.40
2%
5%
1:2
1:2
1:2
776.82
14034+50.00

CROSS SECTIONS: MANHATTAN - MONEE ROAD

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8/1/2006

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	239
STA. 14035+00.00		TO STA.14035+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



CROSS SECTIONS: MANHATTAN - MONEE ROAD

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS CHECKED	

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8/1/2008

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	240
STA. 14035+50.00		TO STA.14035+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS		
NO. AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS		
NO. AREAS CHECKED		

STAGE I
CUT = 0.00 SQ FT
FILL = 621.44 SQ FT
T/S STRIP = 43.19 SQ FT

STAGE III
CUT = 0.00 SQ FT
FILL = 2.86 SQ FT

STAGE II
CUT = 7.74 SQ FT
FILL = 402.93 SQ FT
T/S STRIP = 41.29 SQ FT

80.78 80.50 80.78

2% 5%

1:2 1:2

777.48

14035+50.00

CROSS SECTIONS: MANHATTAN - MONEE ROAD

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8/1/2023

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	241
STA. 14036+00.00	TO STA.14036+00.00			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS	
	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS	
	AREAS CHECKED	

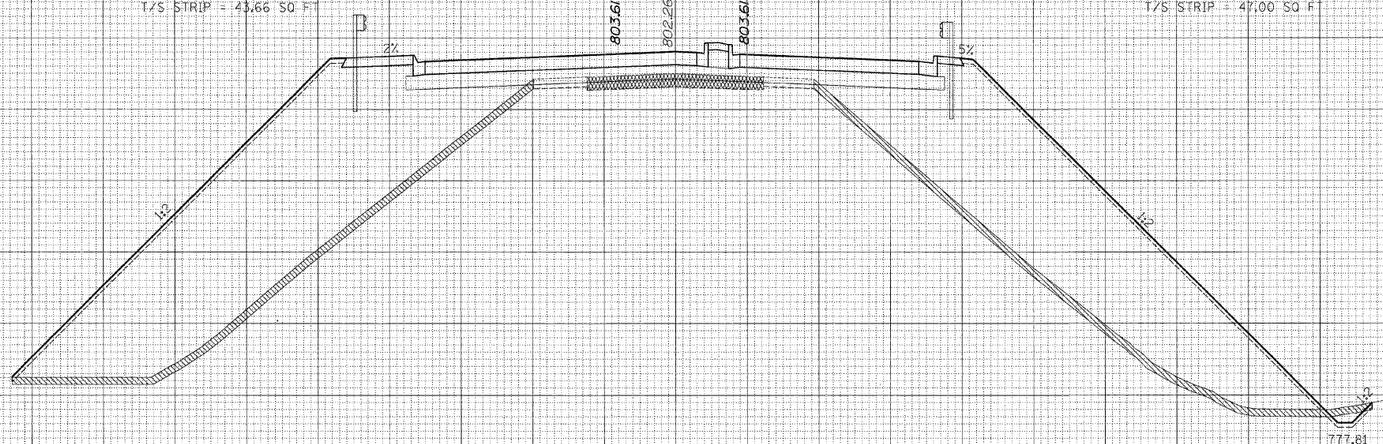
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8/11/2006

BRIDGE STA. 14036+32 TO STA. 14038+55
SEE STRUCTURAL SHEETS FOR INFORMATION

STAGE I
CUT = 0.00 SQ FT
FILL = 582.36 SQ FT
T/S STRIP = 43.66 SQ FT

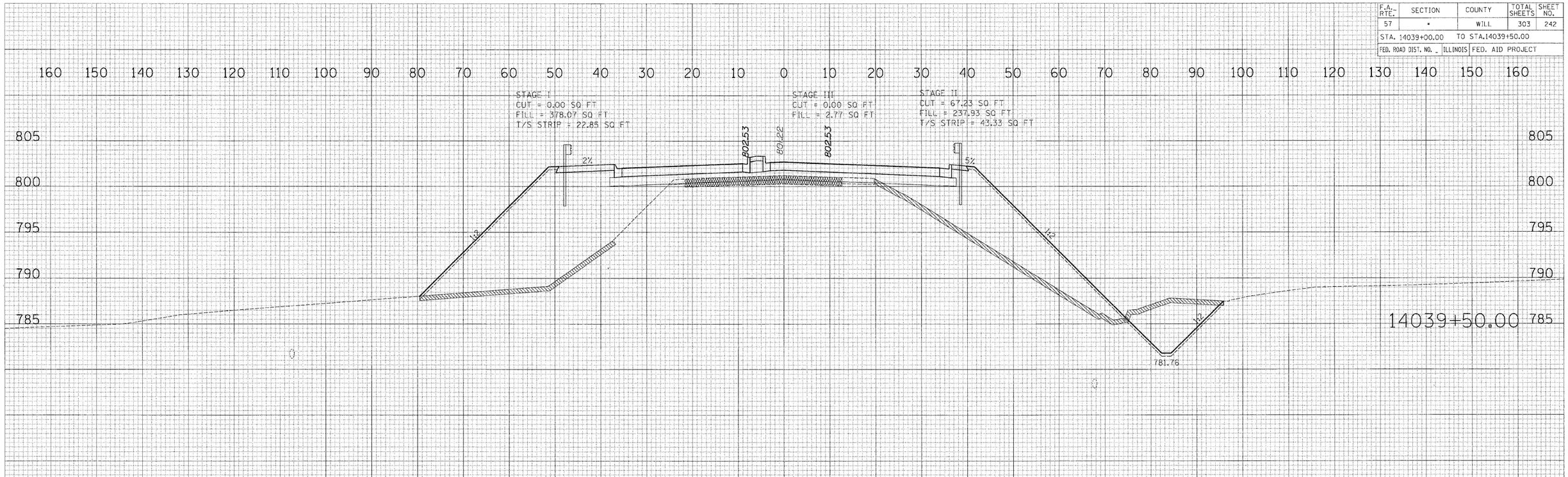
STAGE III
CUT = 0.00 SQ FT
FILL = 3.09 SQ FT

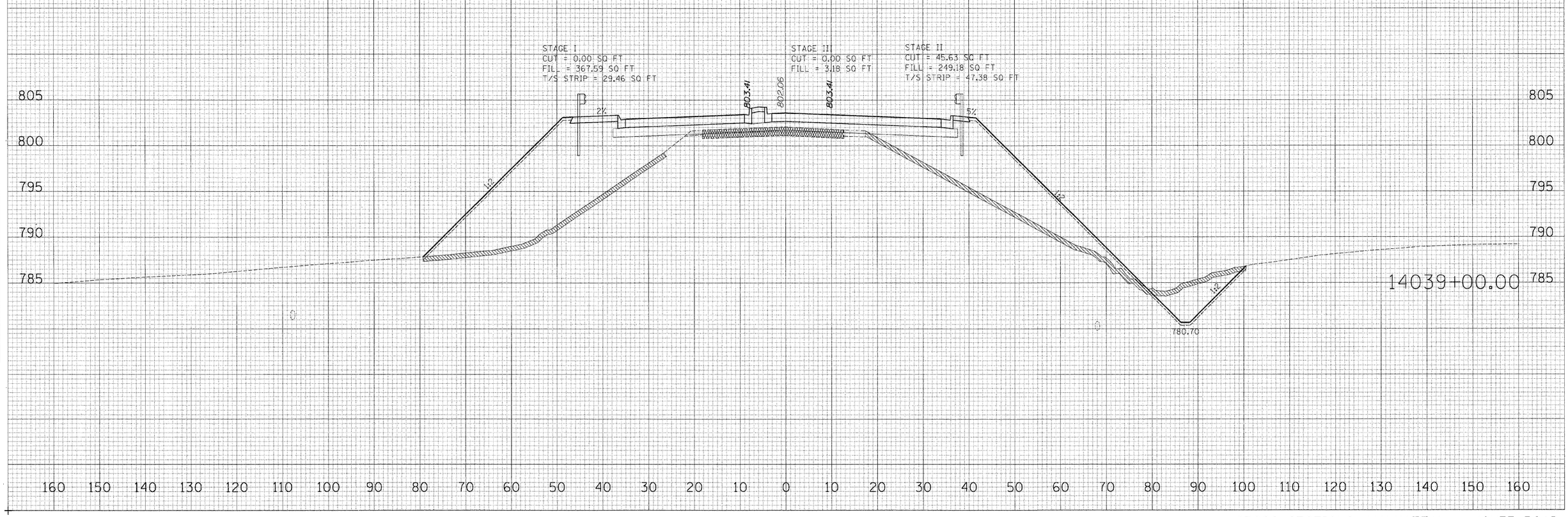
STAGE II
CUT = 3.56 SQ FT
FILL = 503.68 SQ FT
T/S STRIP = 47.00 SQ F



CROSS SECTIONS: MANHATTAN - MONEE ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	242
STA. 14039+00.00		TO STA.14039+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		





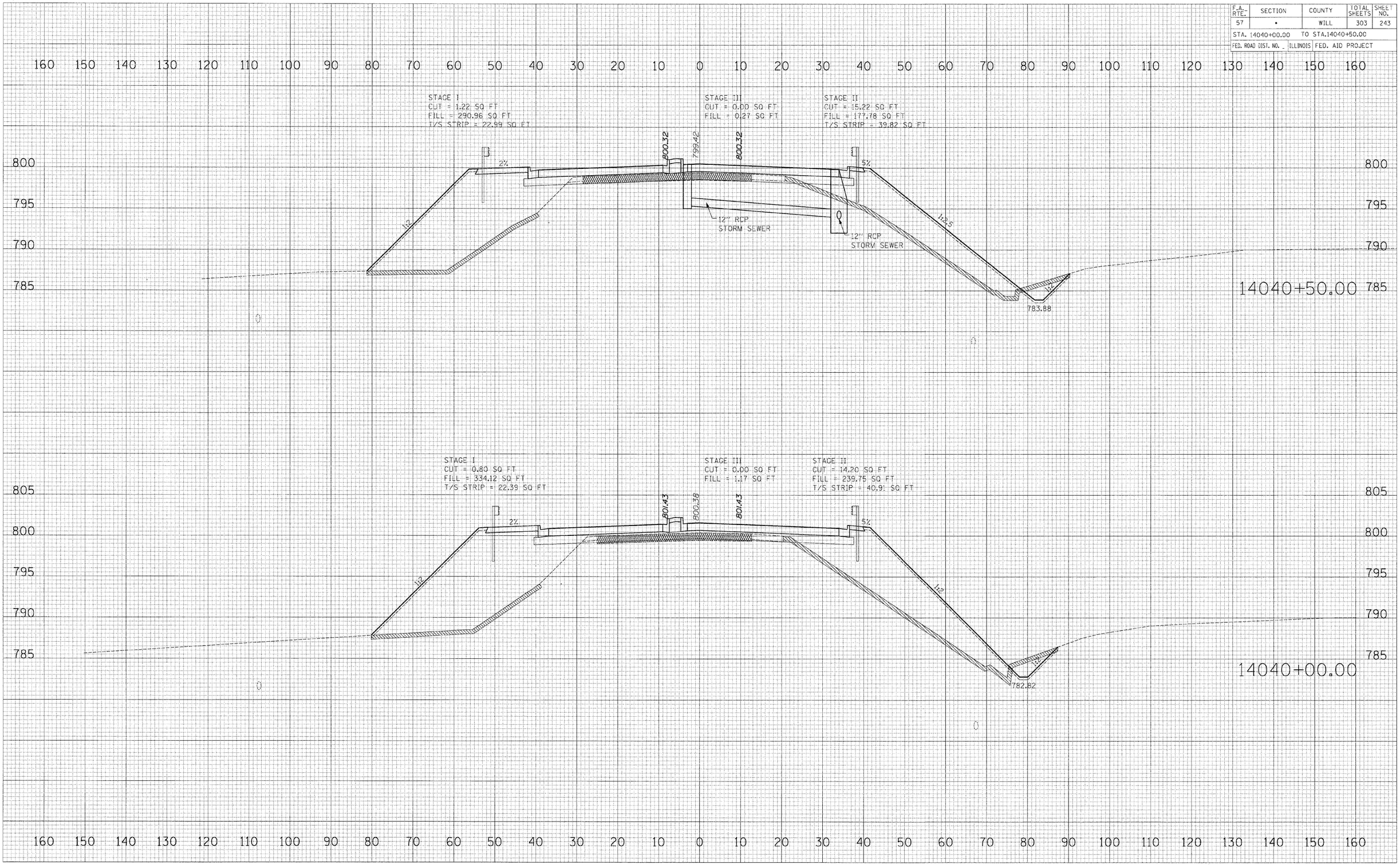
CROSS SECTIONS: MANHATTAN - MONEE ROAD

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TOTAL AT
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TOTAL AT
AREAS
AREAS CHECKED
BY
DATE

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8/1/2008

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	243
STA. 14040+00.00		TO STA. 14040+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	CHECKED		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	CHECKED		
	AREAS		
NO.	AREAS CHECKED		

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8/1/2008

CROSS SECTIONS: MANHATTAN - MONEE ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	244
STA. 14041+00.00		TO STA.14041+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

800
795
790

SEE RAMP C

STAGE I
CUT = 11.93 SQ FT
FILL = 53.27 SQ FT
T/S STRIP = 13.67 SQ FT

798.10
796.44
798.10

2%

STAGE II
CUT = 14.84 SQ FT
FILL = 89.89 SQ FT
T/S STRIP = 28.37 SQ FT

5%

1:2.5

12" RCP
STORM SEWER

786.00

14041+50.00

STAGE I
CUT = 5.67 SQ FT
FILL = 266.41 SQ FT
T/S STRIP = 19.56 SQ FT

799.21
798.46
799.21

2%

1:2

12" RCP
STORM SEWER

STAGE III
CUT = 0.51 SQ FT
FILL = 0.00 SQ FT

5%

STAGE II
CUT = 7.60 SQ FT
FILL = 105.26 SQ FT
T/S STRIP = 33.06 SQ FT

1:2.5

12" RCP
STORM SEWER

784.94

14041+00.00

800
795
790

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

CROSS SECTIONS: MANHATTAN - MONEE ROAD

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — ISSUE A/E — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — ISSUE A/E — AREAS — AREAS CHECKED — BY — DATE

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8/1/2006

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	245
STA. 14041+82.00		TO STA.14042+31.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

800
795
790

STAGE I
CUT = 35.93 SQ FT
FILL = 14.86 SQ FT
T/S STRIP = 11.13 SQ FT

STAGE II
CUT = 2.55 SQ FT
FILL = 1.08 SQ FT

STAGE II
CUT = 19.00 SQ FT
FILL = 0.00 SQ FT

796.30
795.89
796.30
SEE RAMP D
2%
4

14042+31.00

SEE RAMP C

STAGE I
CUT = 27.58 SQ FT
FILL = 0.00 SQ FT

797.39
796.87
797.39

STAGE II
CUT = 13.39 SQ FT
FILL = 35.94 SQ FT
T/S STRIP = 16.17 SQ FT

5%
12" RCP
STORM SEWER
12" RCP
STORM SEWER

14041+82.00

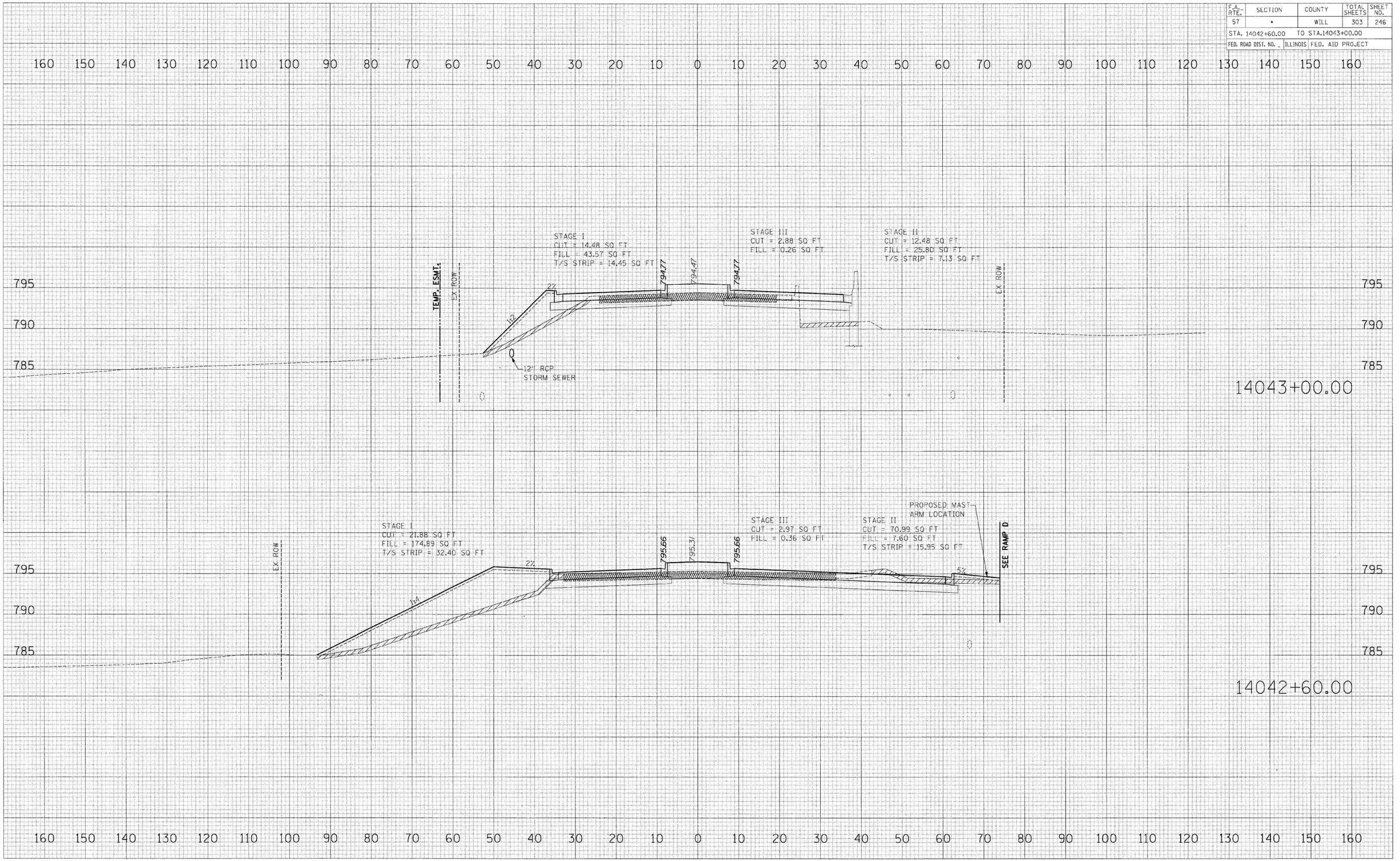
	BY	DATE
FINAL SURVEY		
SURVEYED		
PLOTTED		
DRAWN		
NOTE BOOK		
AREAS CHECKED		
NO.		

	BY	DATE
ORIGINAL SURVEY		
SURVEYED		
PLOTTED		
DRAWN		
NOTE BOOK		
AREAS CHECKED		
NO.		

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8/1/2008

CROSS SECTIONS: MANHATTAN - MONEE ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	246
STA. 14042+60.00		TO STA.14043+00.00		
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT	



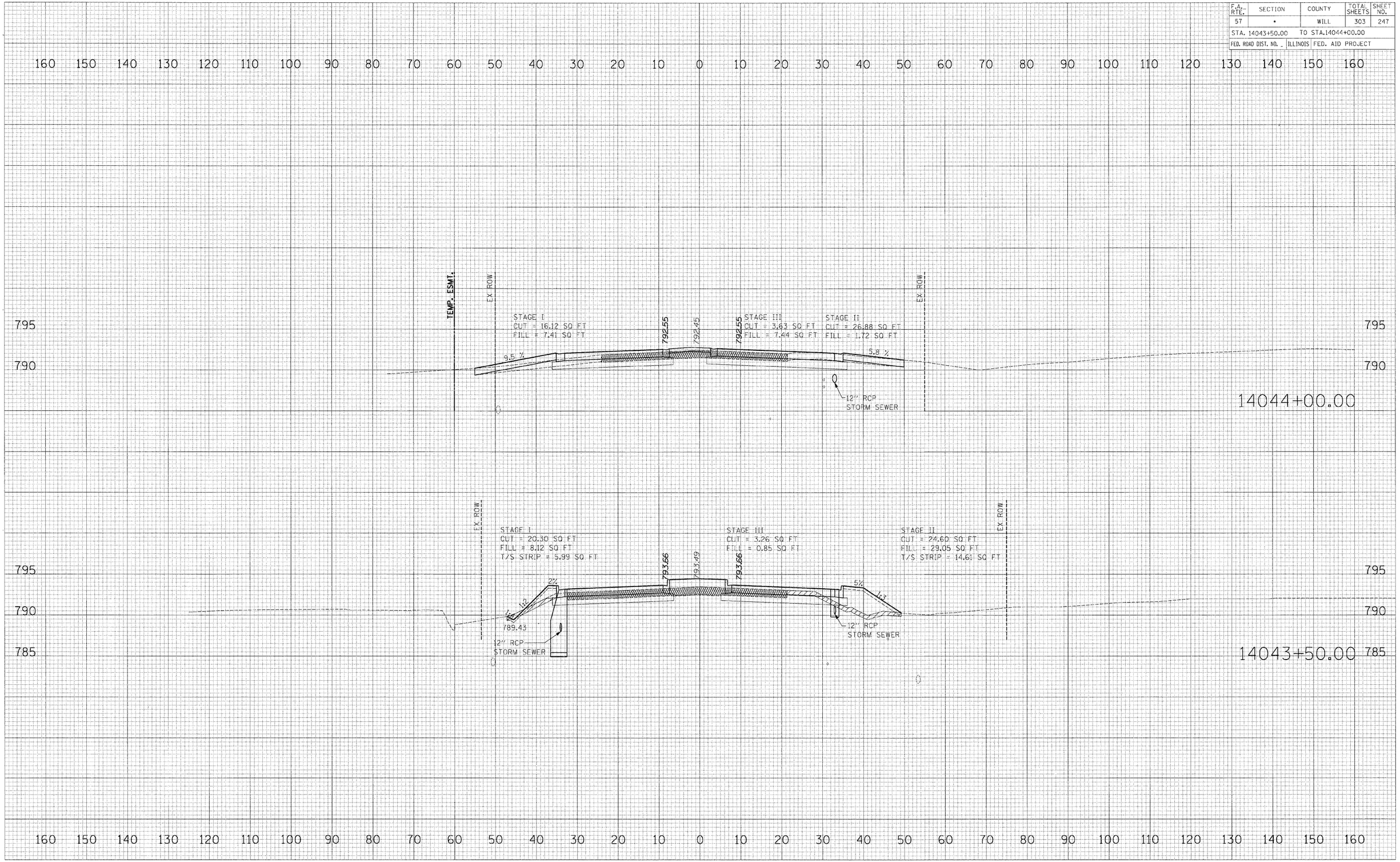
FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TYPED — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TYPED — AREAS — AREAS CHECKED — BY — DATE

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8/1/2005

CROSS SECTIONS: MANHATTAN - MONEE ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	247
STA. 14043+50.00		TO STA.14044+00.00		
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT	



FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — ISSUE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — ISSUE — AREAS — AREAS CHECKED — BY — DATE

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8/1/2008

CROSS SECTIONS: MANHATTAN - MONEE ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	248
STA. 14044+50.00		TO STA. 14045+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK	TYPICAL SECTIONS AREAS	
NO.	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK	TYPICAL SECTIONS AREAS	
NO.	AREAS CHECKED	

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

795
790
785

EX ROW

STAGE I
CUT = 38.20 SQ FT
FILL = 1.28 SQ FT
UNSUITABLE = 13.55 SQ FT
T/S STRIP = 7.96 SQ FT

STAGE III
CUT = 6.43 SQ FT
FILL = 3.92 SQ FT
UNSUITABLE = 3.16 SQ FT

STAGE II
CUT = 42.49 SQ FT
FILL = 0.25 SQ FT
UNSUITABLE = 19.40 SQ FT

790.33
790.49
790.33

2%
3.9 %
789.13

12" RCP
STORM SEWER

12" RCP
STORM SEWER

EX ROW

14045+00.00

795
790
785

EX ROW

STAGE I
CUT = 45.59 SQ FT
FILL = 2.48 SQ FT
T/S STRIP = 12.18 SQ FT

STAGE III
CUT = 5.22 SQ FT
FILL = 0.00 SQ FT

STAGE II
CUT = 48.63 SQ FT
FILL = 2.05 SQ FT
T/S STRIP = 8.64 SQ FT

791.44
791.41
791.44

2%
2%
788.98

12" RCP
STORM SEWER

12" RCP
STORM SEWER

EX ROW

14044+50.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

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8/1/2008

CROSS SECTIONS: MANHATTAN - MONEE ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	249
STA. 14045+33.00		TO STA.14045+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS CHECKED	

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

795
790
785

EX. ROW

STAGE I
CUT = 31.60 SQ FT
FILL = 0.23 SQ FT
UNSUITABLE = 13.55 SQ FT

STAGE III
CUT = 6.52 SQ FT
FILL = 3.99 SQ FT
UNSUITABLE = 3.00 SQ FT

STAGE II
CUT = 54.42 SQ FT
FILL = 0.13 SQ FT
UNSUITABLE = 19.56 SQ FT
T/S STRIP = 7.35 SQ FT

EX. ROW

789.23
789.46
789.23
4.1 %
2.7 %

12" RCP
STORM SEWER

12" RCP
STORM SEWER

18" RCP
STORM SEWER

14045+50.00

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS CHECKED	

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

790
785

EX. ROW

STAGE I
CUT = 31.13 SQ FT
FILL = 0.23 SQ FT
UNSUITABLE = 13.55 SQ FT

STAGE III
CUT = 3.51 SQ FT
FILL = 6.25 SQ FT
UNSUITABLE = 3.00 SQ FT

STAGE II
CUT = 53.36 SQ FT
FILL = 1.13 SQ FT
UNSUITABLE = 19.56 SQ FT
T/S STRIP = 7.87 SQ FT

EX. ROW

789.60
789.35
789.60
2.7 %
9 %

12" RCP
STORM SEWER

12" RCP
STORM SEWER

14045+33.00

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8/1/2008

CROSS SECTIONS: MANHATTAN - MONEE ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	250
STA. 14046+00.00		TO STA. 14047+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

790
785

STAGE I
CUT = 0.00 SQ FT
FILL = 0.00 SQ FT

787.13
787.96

STAGE II
CUT = 24.81 SQ FT
FILL = 0.77 SQ FT

3.6 %

EX

E3

18" DIP
STORM SEWER

15" RCP
STORM SEWER

14047+00.00

790
785

STAGE I
CUT = 57.73 SQ FT
FILL = 3.88 SQ FT
UNSUITABLE = 21.57 SQ FT
T/S STRIP = 12.07 SQ FT

787.65
787.82

STAGE II
CUT = 40.06 SQ FT
FILL = 8.11 SQ FT
UNSUITABLE = 18.05 SQ FT
T/S STRIP = 11.04 SQ FT

787.65

1:A 2%

2% 1:4

12" RCP
STORM SEWER

30" RCP
STORM SEWER

18" DIP
STORM SEWER

14046+50.00

EX

790
785

STAGE I
CUT = 58.75 SQ FT
FILL = 1.91 SQ FT
UNSUITABLE = 19.70 SQ FT
T/S STRIP = 9.85 SQ FT

788.31
788.53
788.31

SIDE ROAD FOUND

STAGE II
CUT = 55.06 SQ FT
FILL = 0.00 SQ FT
UNSUITABLE = 26.53 SQ FT

1:A 2%

12" RCP
STORM SEWER

18" RCP
STORM SEWER

14046+00.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

CROSS SECTIONS: MANHATTAN - MONEE ROAD

FINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED
PLOTTED
TYPED
AREAS
AREAS CHECKED

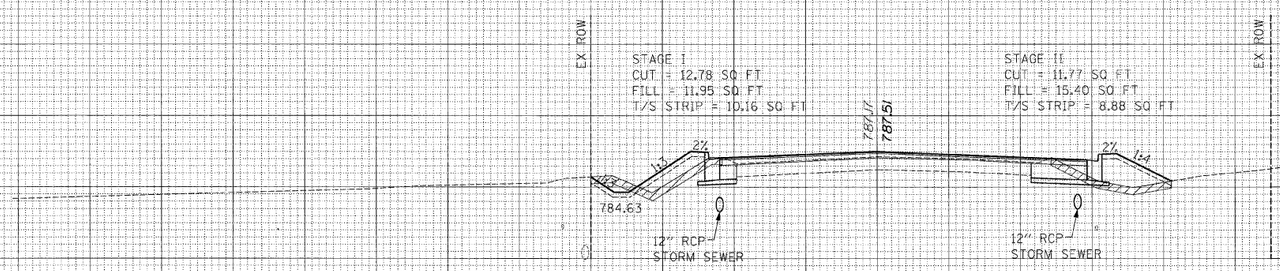
ORIGINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED
PLOTTED
TYPED
AREAS
AREAS CHECKED

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8/1/2008

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	251
STA. 14047+50.00		TO STA. 14048+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

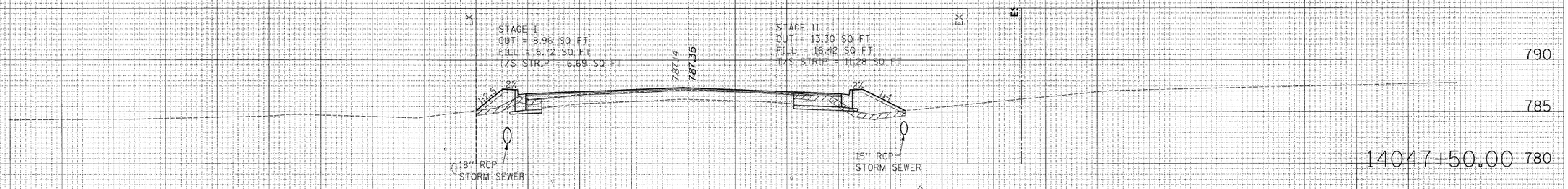
DATE	BY	
		SURVEYED
		PLOTTED
		TYPICAL
		AREAS
		AREAS CHECKED

FINAL SURVEY — NOTE BOOK — NO.



DATE	BY	
		SURVEYED
		PLOTTED
		TYPICAL
		AREAS
		AREAS CHECKED

ORIGINAL SURVEY — NOTE BOOK — NO.



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8/1/2008

CROSS SECTIONS: MANHATTAN - MONEE ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	252
STA. 14048+50.00		TO STA.14049+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

790
785

EX. ROW

STAGE I
CUT = 11.93 SQ FT
FILL = 1.98 SQ FT
T/S STRIP = 7.97 SQ FT

788.13
788.56
788.97

STAGE II
CUT = 11.30 SQ FT
FILL = 5.50 SQ FT
T/S STRIP = 4.62 SQ FT

14049+50.00

STAGE I
CUT = 12.02 SQ FT
FILL = 1.92 SQ FT
T/S STRIP = 8.90 SQ FT

787.63
788.31
788.51

STAGE II
CUT = 13.56 SQ FT
FILL = 5.26 SQ FT
T/S STRIP = 5.58 SQ FT

14049+00.00

STAGE I
CUT = 21.34 SQ FT
FILL = 2.30 SQ FT
T/S STRIP = 10.24 SQ FT

786.13
787.74
787.94

STAGE II
CUT = 12.53 SQ FT
FILL = 9.08 SQ FT
T/S STRIP = 7.25 SQ FT

12" RCP STORM SEWER

14048+50.00

FINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED				
PLOTTED				
NOTE BOOK				
AREAS				
AREAS CHECKED				

ORIGINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED				
PLOTTED				
NOTE BOOK				
AREAS				
AREAS CHECKED				

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8/1/2006

CROSS SECTIONS: MANHATTAN - MONEE ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	253
STA. 14050+00.00		TO STA.14050+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

790
785

EX ROW

787.87

14050+81.74

STAGE I
CUT = 4.54 SQ FT
FILL = 1.06 SQ FT

STAGE II
CUT = 7.10 SQ FT
FILL = 1.48 SQ FT

788.14
788.42
787.65

14050+50.00

EX ROW

STAGE I
CUT = 8.03 SQ FT
FILL = 1.11 SQ FT

STAGE II
CUT = 9.35 SQ FT
FILL = 2.62 SQ FT
T/S STRIP = 2.62 SQ FT

788.80
788.97
788.63

14050+00.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

FINAL SURVEY	DATE
SURVEYED	
PLOTTED	
CHECKED	
NOTE BOOK	
NO.	AREAS CHECKED

ORIGINAL SURVEY	DATE
SURVEYED	
PLOTTED	
CHECKED	
NOTE BOOK	
NO.	AREAS CHECKED

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8/1/2005

CROSS SECTIONS: MANHATTAN - MONEE ROAD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	254
STA. 101+00.00		TO STA.101+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS		
NO.	AREAS CHECKED	

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

795
790
785
780

STAGE II
CUT = 46.59 SQ FT
FILL = 9.91 SQ FT
T/S STRIP = 11.29 SQ FT

STAGE II
CUT = 25.84 SQ FT
FILL = 2.91 SQ FT
T/S STRIP = 6.06 SQ FT

1:2

794.99
794.54

1:2

EX. ROW

101+50.00

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS		
NO.	AREAS CHECKED	

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8/1/2008

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

795
790

STAGE II
CUT = 56.40 SQ FT
FILL = 41.25 SQ FT
T/S STRIP = 12.41 SQ FT

SEE MANHATTAN-MONEE ROAD

1:20

1:2

795.35
794.90

STAGE II
CUT = 18.37 SQ FT
FILL = 38.02 SQ FT
T/S STRIP = 25.16 SQ FT

1:2

795
790

101+00.00

CROSS SECTIONS: RAMP A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	255
STA. 102+00.00		TO STA.102+68.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

795
790
785
780

STAGE II
CUT = 36.42 SQ FT
FILL = 1.14 SQ FT
T/S STRIP = 7.49 SQ FT

793.36
793.45

STAGE II
CUT = 18.64 SQ FT
FILL = 3.61 SQ FT
T/S STRIP = 6.00 SQ FT

1:4
1:4
790.92
790.54
EX ROW

102+68.00

795
790
785
780

STAGE II
CUT = 40.10 SQ FT
FILL = 2.49 SQ FT
T/S STRIP = 8.42 SQ FT

794.40
794.8

STAGE II
CUT = 22.57 SQ FT
FILL = 2.54 SQ FT
T/S STRIP = 6.39 SQ FT

1:4
1:4
791.54
791.12
EX ROW

102+00.00

795
790
785
780

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

FINAL SURVEY	NOTE BOOK	SURVEYED	PLOTTED	CHECKED	AREAS	AREAS CHECKED	NO.	BY	DATE
ORIGINAL SURVEY	NOTE BOOK	SURVEYED	PLOTTED	CHECKED	AREAS	AREAS CHECKED	NO.	BY	DATE

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8/1/2008

CROSS SECTIONS: RAMP A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	256
STA. 225+00.00		TO STA.225+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

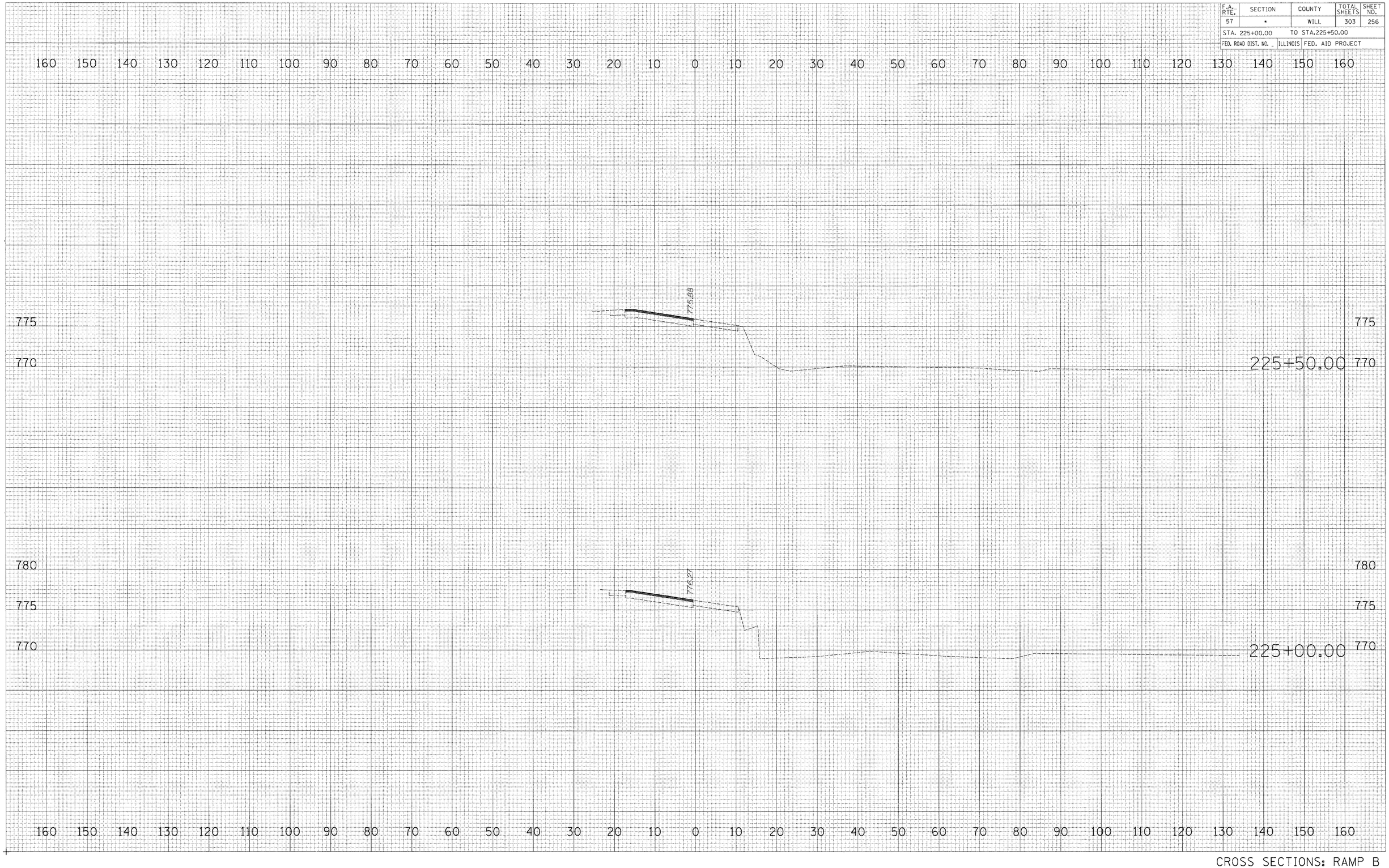
FINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS	
AREAS CHECKED	

NO.	BY	DATE

ORIGINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS	
AREAS CHECKED	

NO.	BY	DATE

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8/1/2008



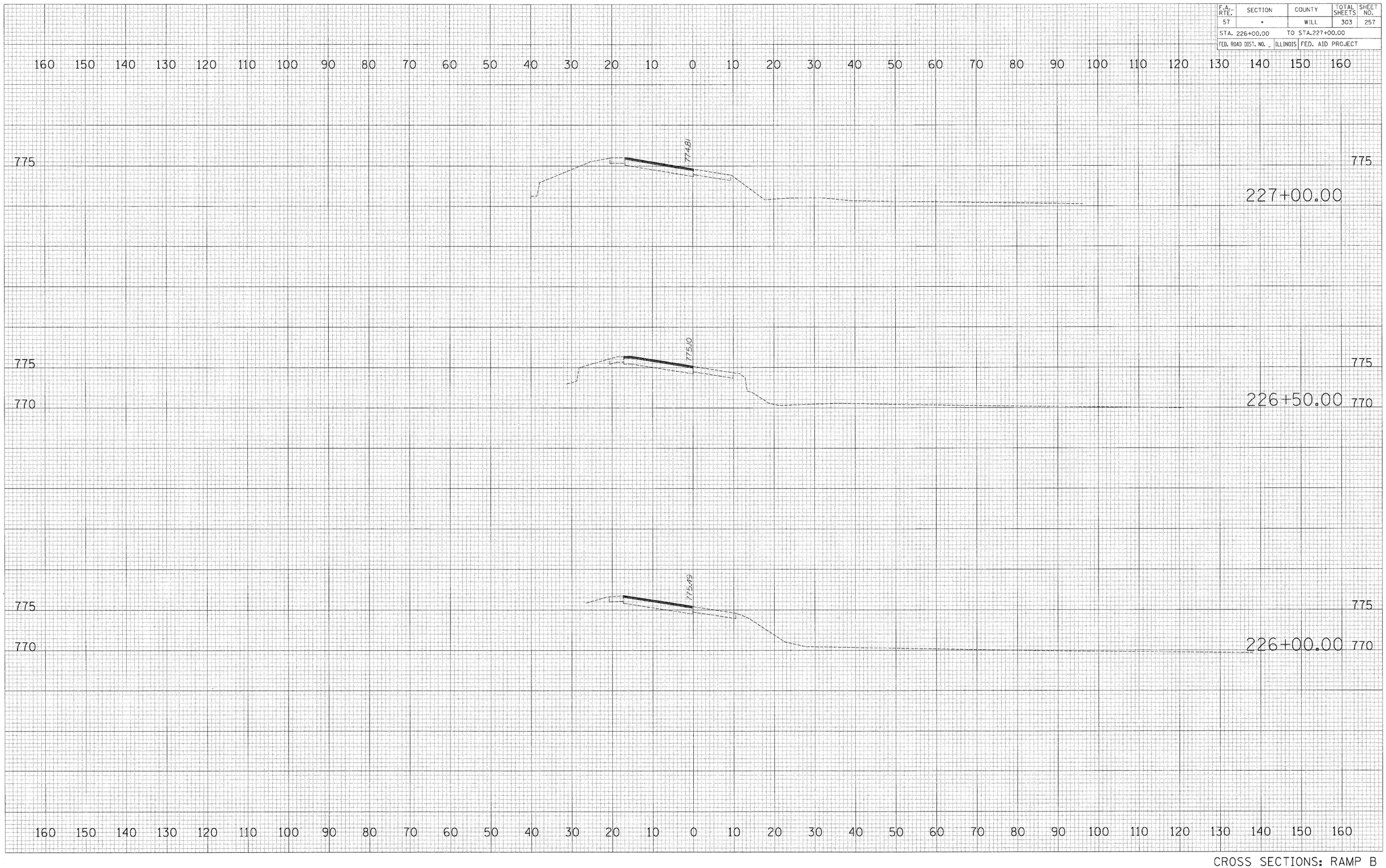
CROSS SECTIONS: RAMP B

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	257
STA. 226+00.00		TO STA.227+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED
PLOTTED
TYPED
AREAS
AREAS CHECKED

ORIGINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED
PLOTTED
TYPED
AREAS
AREAS CHECKED

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8/1/2008



CROSS SECTIONS: RAMP B

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	258
STA. 227+50.00		TO STA.228+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS CHECKED	

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

775

774.98

228+50.00

775

774.74

228+00.00

775

774.68

227+50.00

775

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

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6/1/2008

CROSS SECTIONS: RAMP B

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	259
STA. 229+00.00		TO STA.230+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	DATE	BY
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS		
NO.	AREAS CHECKED	

ORIGINAL SURVEY	DATE	BY
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS		
NO.	AREAS CHECKED	

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6/1/2008

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

780
775

775.75

230+00.00

775.98

229+50.00

775.39

229+00.00

CROSS SECTIONS: RAMP B

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	260
STA. 230+50.00		TO STA.231+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK	SURVEYED	PLOTTED	TRACED	AREAS	AREAS CHECKED	NO.	BY	DATE

ORIGINAL SURVEY	NOTE BOOK	SURVEYED	PLOTTED	TRACED	AREAS	AREAS CHECKED	NO.	BY	DATE

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8/1/2008

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

780

775

780

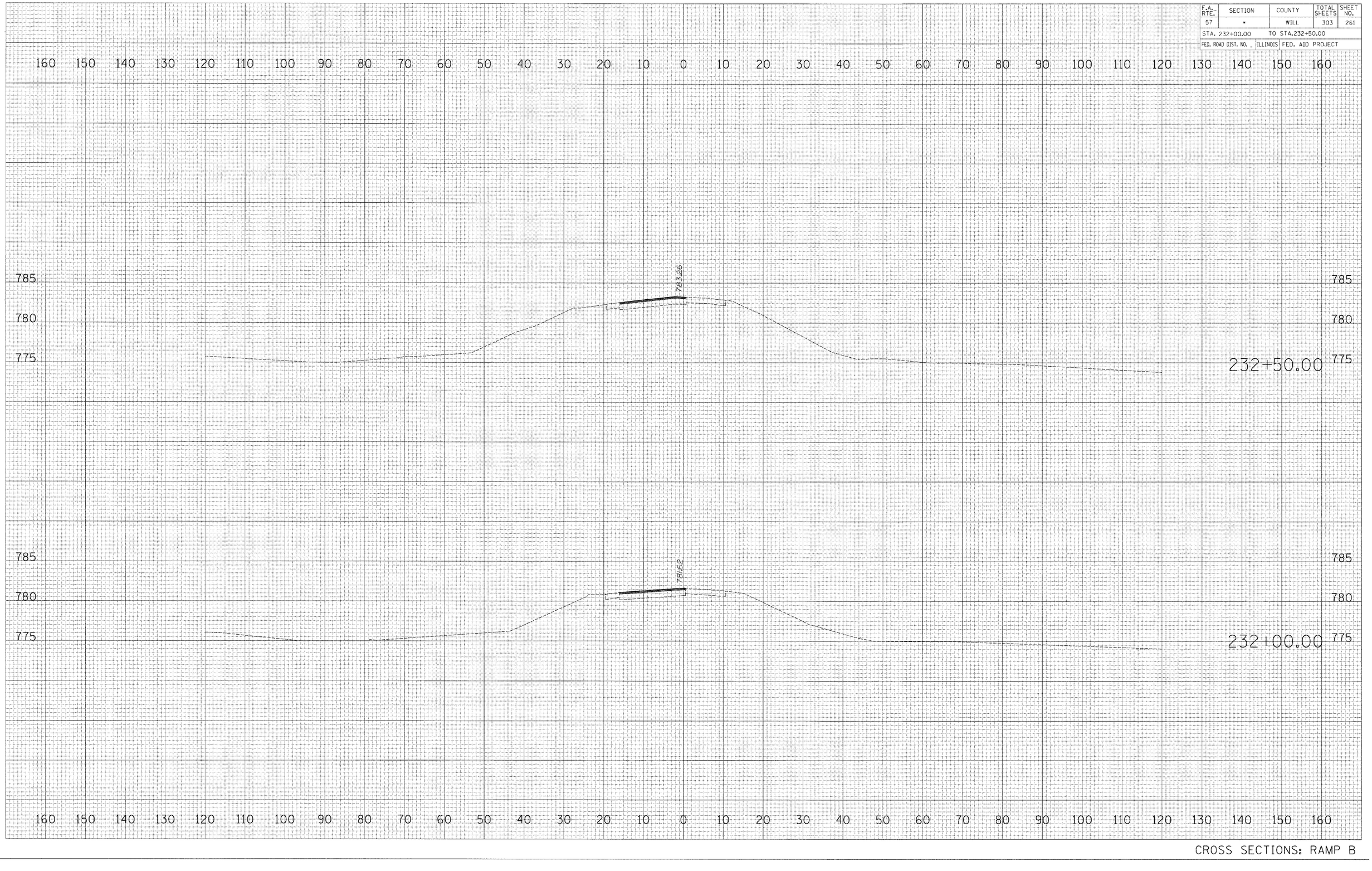
775

780

780

780

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	261
STA. 232+00.00		TO STA.232+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED				
PLOTTED				
TOTAL AE				
AREAS CHECKED				

ORIGINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED				
PLOTTED				
TOTAL AE				
AREAS CHECKED				

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8/1/2006

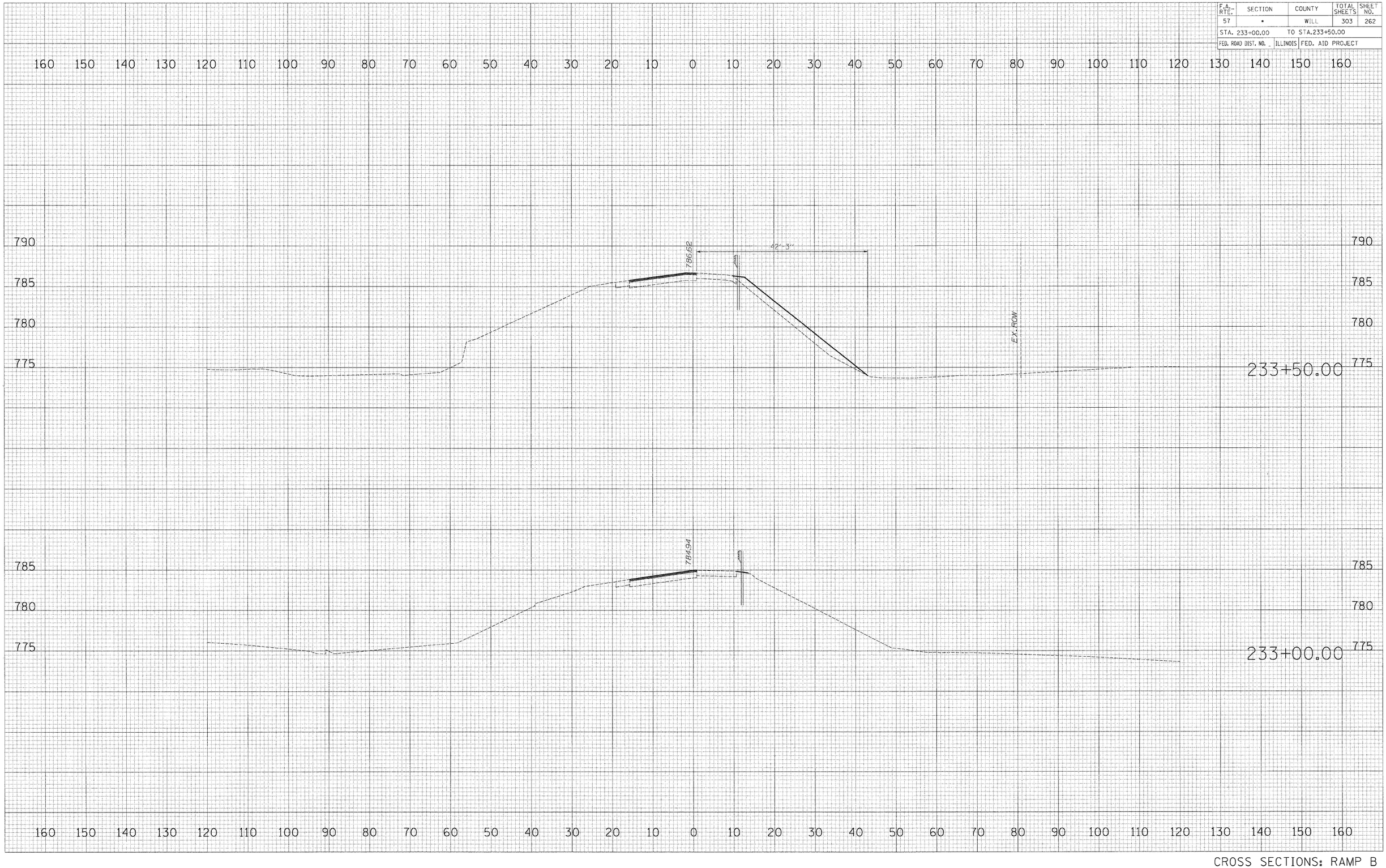
CROSS SECTIONS: RAMP B

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	262
STA. 233+00.00		TO STA.233+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	CHECKED		
NO.	AREAS		
	AREAS CHECKED		

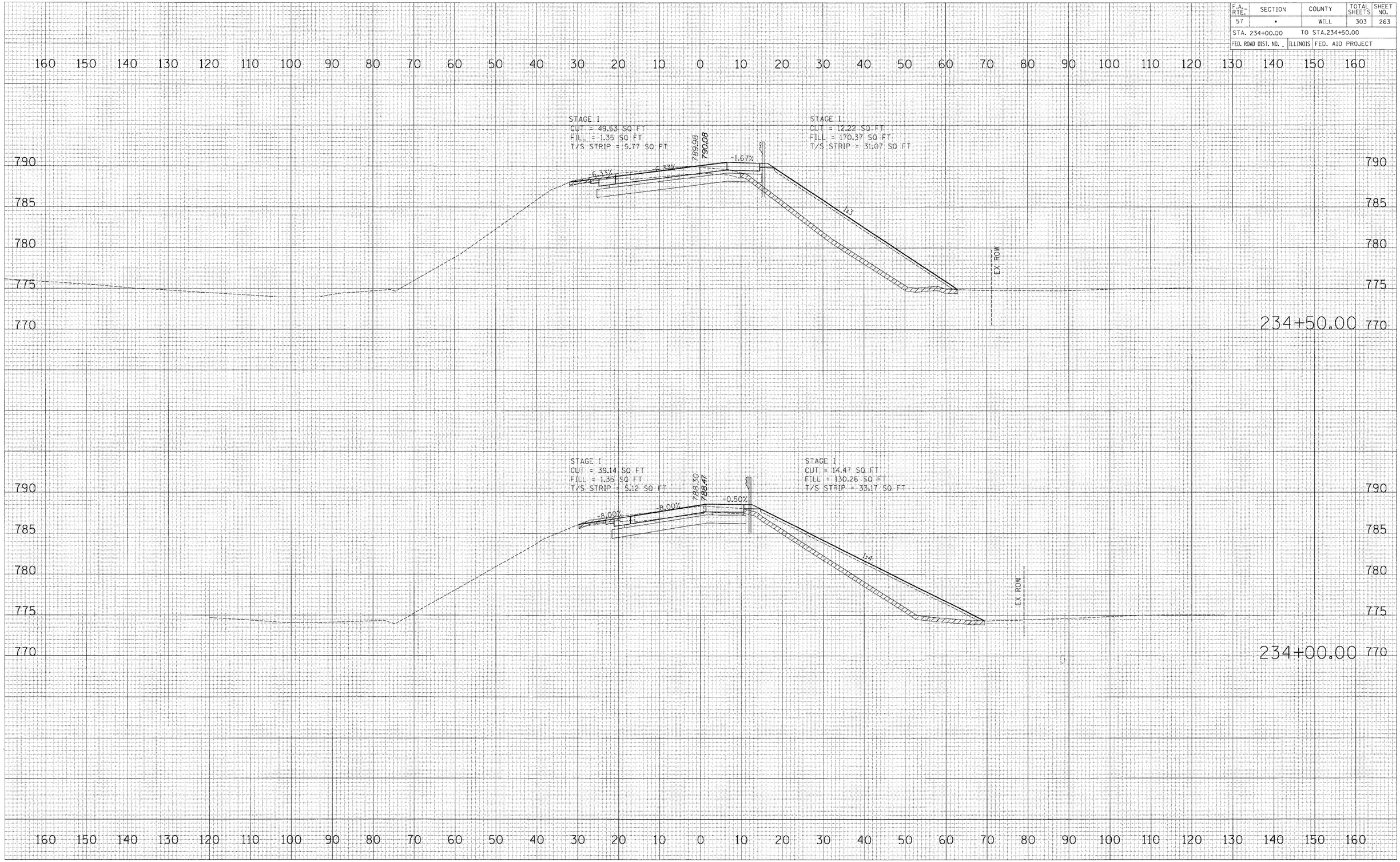
ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	CHECKED		
NO.	AREAS		
	AREAS CHECKED		

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8/1/2008



CROSS SECTIONS: RAMP B

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	263
STA. 234+00.00		TO STA.234+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



CROSS SECTIONS: RAMP B

FINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED — PLOTTED — CHECKED — AREAS — AREAS CHECKED

ORIGINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED — PLOTTED — CHECKED — AREAS — AREAS CHECKED

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8/1/2008

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	264
STA. 235+00.00		TO STA.235+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TRACED — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TRACED — AREAS — AREAS CHECKED — BY — DATE

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8/1/2008

STAGE I
CUT = 55.50 SQ FT
FILL = 175.63 SQ FT
T/S STRIP = 40.43 SQ FT

STAGE I
CUT = 18.70 SQ FT
FILL = 184.57 SQ FT
T/S STRIP = 35.14 SQ FT

-6.00%
-4.67%
-4.67%
-3.33%
791.5'
791.48
1:4
1:3
EX ROW
235+00.00

CROSS SECTIONS: RAMP B

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	265
STA. 235+50.00		TO STA.235+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
TYPE SIZE		
AREAS		
NO.	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
TYPE SIZE		
AREAS		
NO.	AREAS CHECKED	

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8/1/2006

STAGE I
CUT = 47.14 SQ FT
FILL = 175.53 SQ FT
T/S STRIP = 36.02 SQ FT

STAGE I
CUT = 16.13 SQ FT
FILL = 170.82 SQ FT
T/S STRIP = 36.93 SQ FT

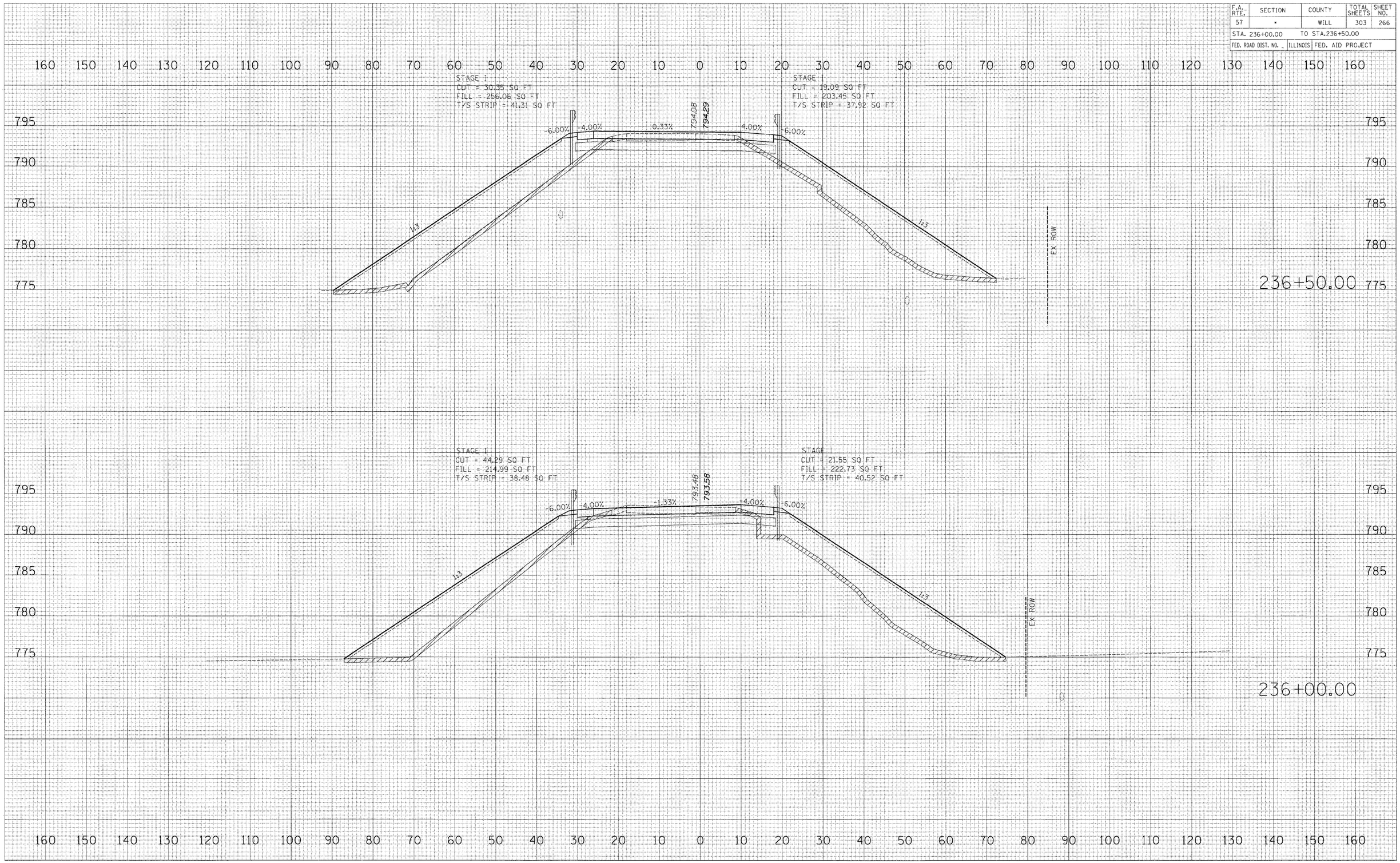
-6.00%
-4.00%
-3.00%
792.07
792.64
-4.00%
-5.00%
1:3
1:3
EX ROW
℄
235+50.00

795 790 785 780 775 770

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

CROSS SECTIONS: RAMP B

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	266
STA. 236+00.00		TO STA.236+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY NOTE BOOK
SURVEYED
PLOTTED
TYPED
AREAS
AREAS CHECKED
BY
DATE
NO.

ORIGINAL SURVEY NOTE BOOK
SURVEYED
PLOTTED
TYPED
AREAS
AREAS CHECKED
BY
DATE
NO.

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8/1/2008

CROSS SECTIONS: RAMP B

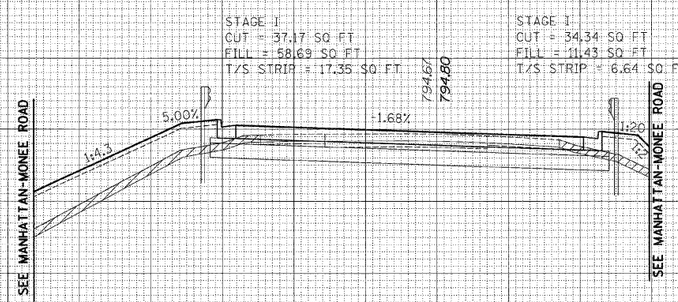
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	267
STA. 237+00.00		TO STA.237+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	
NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TYPED		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	
NOTE BOOK	
NO.	

	BY	DATE
SURVEYED		
PLOTTED		
TYPED		
AREAS		
AREAS CHECKED		



CROSS SECTIONS: RAMP B

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8/1/2006

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	268
STA. 301+00.00		TO STA. 301+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

795
790
785
780

STAGE II
CUT = 46.92 SQ FT
FILL = 3.10 SQ FT
T/S STRIP = 4.93 SQ FT

795.53
796.06

STAGE II
CUT = 24.21 SQ FT
FILL = 2.46 SQ FT
T/S STRIP = 6.60 SQ FT

EX. ROW

301+50.00

795
790
785
780

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

795
790

STAGE II
CUT = 73.35 SQ FT
FILL = 8.93 SQ FT
T/S STRIP = 8.67 SQ FT

5.00 %

795.56
796.03

STAGE II
CUT = 17.55 SQ FT
FILL = 1.42 SQ FT
T/S STRIP = 3.61 SQ FT

301+00.00

795
790

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

CROSS SECTIONS: RAMP C

FINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS	
AREAS CHECKED	
NO.	BY

ORIGINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS	
AREAS CHECKED	
NO.	BY

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8/1/2008

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	269
STA. 302+00.00		TO STA.302+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS		
AREAS CHECKED		
NO.		

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8/1/2008

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

795
790
785

STAGE II
CUT = 25.41 SQ FT
FILL = 1.33 SQ FT

792.84
792.81

1:6

STAGE II
CUT = 18.91 SQ FT
FILL = 2.89 SQ FT
T/S STRIP = 6.30 SQ FT

1:6

EX. ROW

302+50.00

795
790
785

STAGE II
CUT = 38.28 SQ FT
FILL = 0.96 SQ FT
T/S STRIP = 6.47 SQ FT

794.19
794.19

1:6

STAGE II
CUT = 24.53 SQ FT
FILL = 2.31 SQ FT
T/S STRIP = 7.53 SQ FT

1:6

EX ROW

302+00.00

795
790
785

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

CROSS SECTIONS: RAMP C

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	270
STA. 303+00.00		TO STA. 303+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TYPE SIZE		
AREAS		
AREAS CHECKED		

BY	DATE

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TYPE SIZE		
AREAS		
AREAS CHECKED		

BY	DATE

STAGE II
CUT = 26.03 SQ FT
FILL = 1.13 SQ FT

STAGE II
CUT = 19.67 SQ FT
FILL = 2.84 SQ FT
T/S STRIP = 6.45 SQ FT

791.01
790.94

1:6
1:6

790
785

303+00.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

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8/1/2008

CROSS SECTIONS: RAMP C

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	271
STA. 415+00.00		TO STA. 415+59.92		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK	SURVEYED	PLOTTED	TYPED	AREAS	AREAS CHECKED	NO.	BY	DATE
ORIGINAL SURVEY		SURVEYED	PLOTTED	TYPED	AREAS	AREAS CHECKED	NO.	BY	DATE

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8/1/2008

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

795

790

STAGE I
CUT = 56.50 SQ FT
FILL = 1.49 SQ FT
T/S STRIP = 10.56 SQ FT

792.98

792.98

-7.52%

-7.52%

-0.50%

1:4

1:4

788.35

STAGE I
CUT = 10.81 SQ FT
FILL = 10.53 SQ FT
T/S STRIP = 9.08 SQ FT

795

415+59.92

790

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

CROSS SECTIONS: RAMP D

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	272
STA. 416+00.00		TO STA. 416+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS CHECKED	

STAGE I
CUT = 62.34 SQ FT
FILL = 0.97 SQ FT
T/S STRIP = 11.10 SQ FT

STAGE I
CUT = 17.97 SQ FT
FILL = 45.02 SQ FT
T/S STRIP = 13.20 SQ FT

793.78
793.65
-5.85%
-5.85%
-2.15%
1:3
1:4
789.47
EX. ROW
416+50.00

STAGE I
CUT = 56.11 SQ FT
FILL = 1.32 SQ FT
T/S STRIP = 9.31 SQ FT

STAGE I
CUT = 14.28 SQ FT
FILL = 11.96 SQ FT
T/S STRIP = 10.34 SQ FT

793.29
793.21
-7.52%
-7.52%
-0.50%
1:4
1:4
788.85
EX ROW
416+00.00

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS CHECKED	

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8/1/2008

CROSS SECTIONS: RAMP D

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	273
STA. 417+00.00		TO STA. 417+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	CHECKED	
	AREAS	
	AREAS CHECKED	

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

795

790

STAGE I
CUT = 60.19 SQ FT
FILL = 4.91 SQ FT
T/S STRIP = 12.99 SQ FT

STAGE I
CUT = 23.37 SQ FT
FILL = 18.21 SQ FT
T/S STRIP = 10.77 SQ FT

794.63
794.52
-4.00%
2.51%
-4.00%
1:4
1:4
1:2
791.00
EX. ROW
0

417+50.00

795

790

STAGE I
CUT = 58.92 SQ FT
FILL = 9.39 SQ FT
T/S STRIP = 12.89 SQ FT

STAGE I
CUT = 22.94 SQ FT
FILL = 30.45 SQ FT
T/S STRIP = 14.29 SQ FT

79425
79408
-4.18%
-4.18%
3.82%
1:4
1:4
1:2
790.15
EX. ROW
0

417+00.00

795

790

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

ORIGINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	CHECKED	
	AREAS	
	AREAS CHECKED	

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8/1/2008

CROSS SECTIONS: RAMP D

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	-	WILL	303	274
STA. 418+00.00		TO STA. 418+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

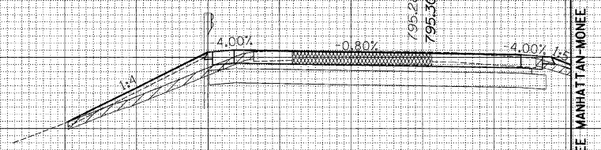
795

790

418+50.00

STAGE I
CUT = 45.54 SQ FT
FILL = 17.22 SQ FT
T/S STRIP = 13.91 SQ FT

STAGE I
CUT = 28.14 SQ FT
FILL = 2.57 SQ FT
T/S STRIP = 2.55 SQ FT



795

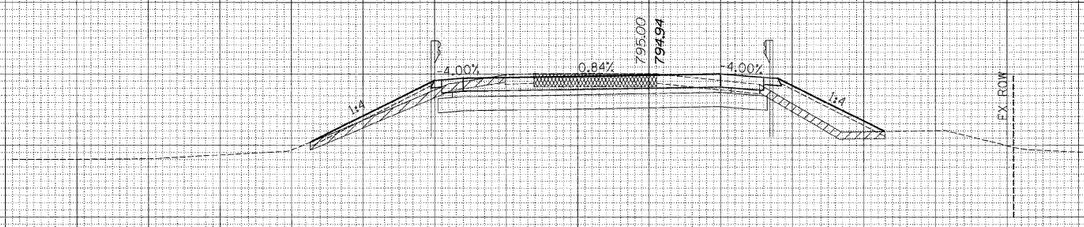
790

785

418+00.00

STAGE I
CUT = 52.46 SQ FT
FILL = 11.80 SQ FT
T/S STRIP = 14.53 SQ FT

STAGE I
CUT = 22.44 SQ FT
FILL = 24.34 SQ FT
T/S STRI = 9.67 SQ FT



160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

CROSS SECTIONS: RAMP D

FINAL SURVEY	SURVEYED	DATE
	PLOTTED	
NOTE BOOK	MANHOLE	
	AREAS	
NO.	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	BY
	PLOTTED	
NOTE BOOK	MANHOLE	
	AREAS	
NO.	AREAS CHECKED	

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8/1/2008

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	275
STA. 1355+36.58		TO STA. 1356+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

780

775

STAGE I
CUT = 17.41 SQ FT
FILL = 1.21 SQ FT
T/S STRIP = 1.83 SQ FT

1:4 4%

1+16.36

1356+00.00

780

775

780

775

STAGE I
CUT = 17.24 SQ FT
FILL = 1.88 SQ FT
T/S STRIP = 2.22 SQ FT

1:4 4%

1+16.31

1355+50.00

780

775

775

STAGE I
CUT = 17.76 SQ FT
FILL = 2.02 SQ FT
T/S STRIP = 2.48 SQ FT

1:4 4%

1355+36.58

775

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

FINAL SURVEY	SURVEYED	DATE
	PLOTTED	
NOTE BOOK	TYPED & F.	
NO.	AREAS	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
	PLOTTED	
NOTE BOOK	TYPED & F.	
NO.	AREAS	
	AREAS CHECKED	

CROSS SECTIONS: I-57

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	276
STA. 1356+50.00		TO STA. 1357+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	

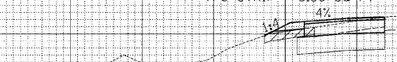
BY | DATE

TYPICAL AT
AREAS
AREAS CHECKED

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

780
775

STAGE I
CUT = 17.42 SQ FT
FILL = 3.27 SQ FT
T/S STRIP = 3.56 SQ FT



1761

1357+50.00

780
775

STAGE I
CUT = 16.34 SQ FT
FILL = 2.43 SQ FT
T/S STRIP = 2.61 SQ FT



1653

1357+00.00

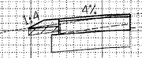
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	

BY | DATE

TYPICAL AT
AREAS
AREAS CHECKED

780
775

STAGE I
CUT = 16.42 SQ FT
FILL = 1.89 SQ FT
T/S STRIP = 2.23 SQ FT



1654

1356+50.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

CROSS SECTIONS: I-57

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	277
STA. 1358+00.00		TO STA. 1359+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
NOTE BOOK		
SURVEYED		
PLOTTED		
TYPICAL		
AREAS		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
SURVEYED		
PLOTTED		
TYPICAL		
AREAS		
AREAS CHECKED		
NO.		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

780
775

STAGE I
CUT = 30.37 SQ FT
FILL = 3.13 SQ FT
T/S STRIP = 4.04 SQ FT

1:4 4%

1:1.52

1359+00.00

STAGE I
CUT = 21.13 SQ FT
FILL = 11.13 SQ FT
T/S STRIP = 8.54 SQ FT

1:4 4%

1:1.24

1358+50.00

STAGE I
CUT = 20.92 SQ FT
FILL = 17.47 SQ FT
T/S STRIP = 13.98 SQ FT

1:4 4%

1:6.36

1358+00.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

CROSS SECTIONS: I-57

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	-	WILL	303	278
STA. 1359+50.00		TO STA. 1360+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		BY
PLOTTED		
TYPICALS		
AREAS		DATE
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		BY
PLOTTED		
TYPICALS		
AREAS		DATE
AREAS CHECKED		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

785

780

EX ROW

STAGE I
CUT = 41.42 SQ FT
FILL = 0.00 SQ FT

1:A

780

1360+00.00

780

780

STAGE I
CUT = 32.46 SQ FT
FILL = 1.09 SQ FT
T/S STRIP = 3.65 SQ FT

1:A

775

1359+50.00

775

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

CROSS SECTIONS: I-57

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	279
STA. 1360+50.00		TO STA. 1361+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

DATE	BY	
		SURVEYED
		PLOTTED
		TYPED BY
		AREAS
		AREAS CHECKED

FINAL SURVEY
NOTE BOOK
NO.

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

785
780
775
770

B RAMP B
℄ STA. 224+00

STAGE 1
CUT = 45.56 SQ FT
FILL = 69.44 SQ FT
T/S STRIP = 17.29 SQ FT

776.98

EX. ROW

1:4

℄

178.64

1361+00.00

785
780
775
770

DATE	BY	
		SURVEYED
		PLOTTED
		TYPED BY
		AREAS
		AREAS CHECKED

ORIGINAL SURVEY
NOTE BOOK
NO.

780
775
770

B RAMP B
℄ STA. 224+50

STAGE 1
CUT = 74.98 SQ FT
FILL = 60.81 SQ FT
T/S STRIP = 14.64 SQ FT

776.59

EX. ROW

1:4

℄

178.36

1360+50.00

780
775
770

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	280
STA. 1361+50.00		TO STA. 1362+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY — NOTE BOOK — NO.
SURVEYED — PLOTTED — TYPED — AREAS — AREAS CHECKED
BY — DATE

STAGE I
CUT = 42.93 SQ FT
FILL = 67.99 SQ FT
T/S STRIP = 17.66 SQ FT

℄ RAMP B
T STA. 223+50

777.77

EX. ROW

1:4

1/9.20

1362+00.00

ORIGINAL SURVEY — NOTE BOOK — NO.
SURVEYED — PLOTTED — TYPED — AREAS — AREAS CHECKED
BY — DATE

STAGE I
CUT = 44.31 SQ FT
FILL = 68.87 SQ FT
T/S STRIP = 17.64 SQ FT

℄ RAMP B
T STA. 223+50

777.37

EX. ROW

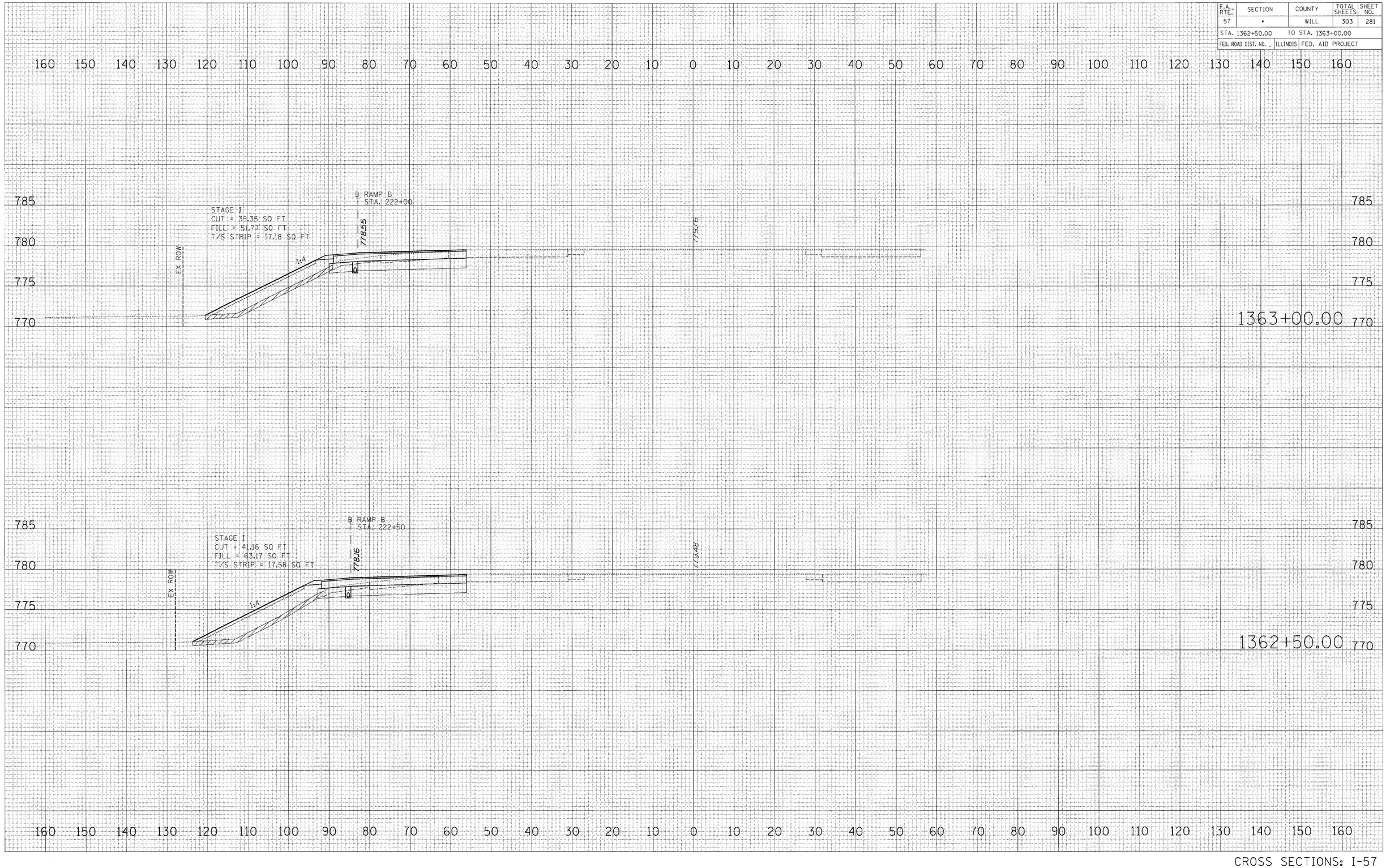
1:4

1/8.92

1361+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	281
STA. 1362+50.00		TO STA. 1363+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
CHECKED
AREAS
AREAS CHECKED
BY
DATE



FINAL SURVEY
ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
CHECKED
AREAS
AREAS CHECKED
BY
DATE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	282
STA. 1363+50.00		TO STA. 1364+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

BY	DATE

FINAL SURVEY
NOTE BOOK
NO.

SURVEYED
PLOTTED
THRU SHT.
AREAS
AREAS CHECKED

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

785
780
775

STAGE 1
CUT = 36.55 SQ FT
FILL = 41.34 SQ FT
T/S STRIP = 19.76 SQ FT

℄ RAMP B
STA. 221+00

779.34

780.32

EX ROW

1:A

1364+00.00

BY	DATE

ORIGINAL SURVEY
NOTE BOOK
NO.

SURVEYED
PLOTTED
THRU SHT.
AREAS
AREAS CHECKED

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

785
780
775
770

STAGE 1
CUT = 37.96 SQ FT
FILL = 47.82 SQ FT
T/S STRIP = 17.98 SQ FT

℄ RAMP B
STA. 221+50

778.95

780.04

EX ROW

1:A

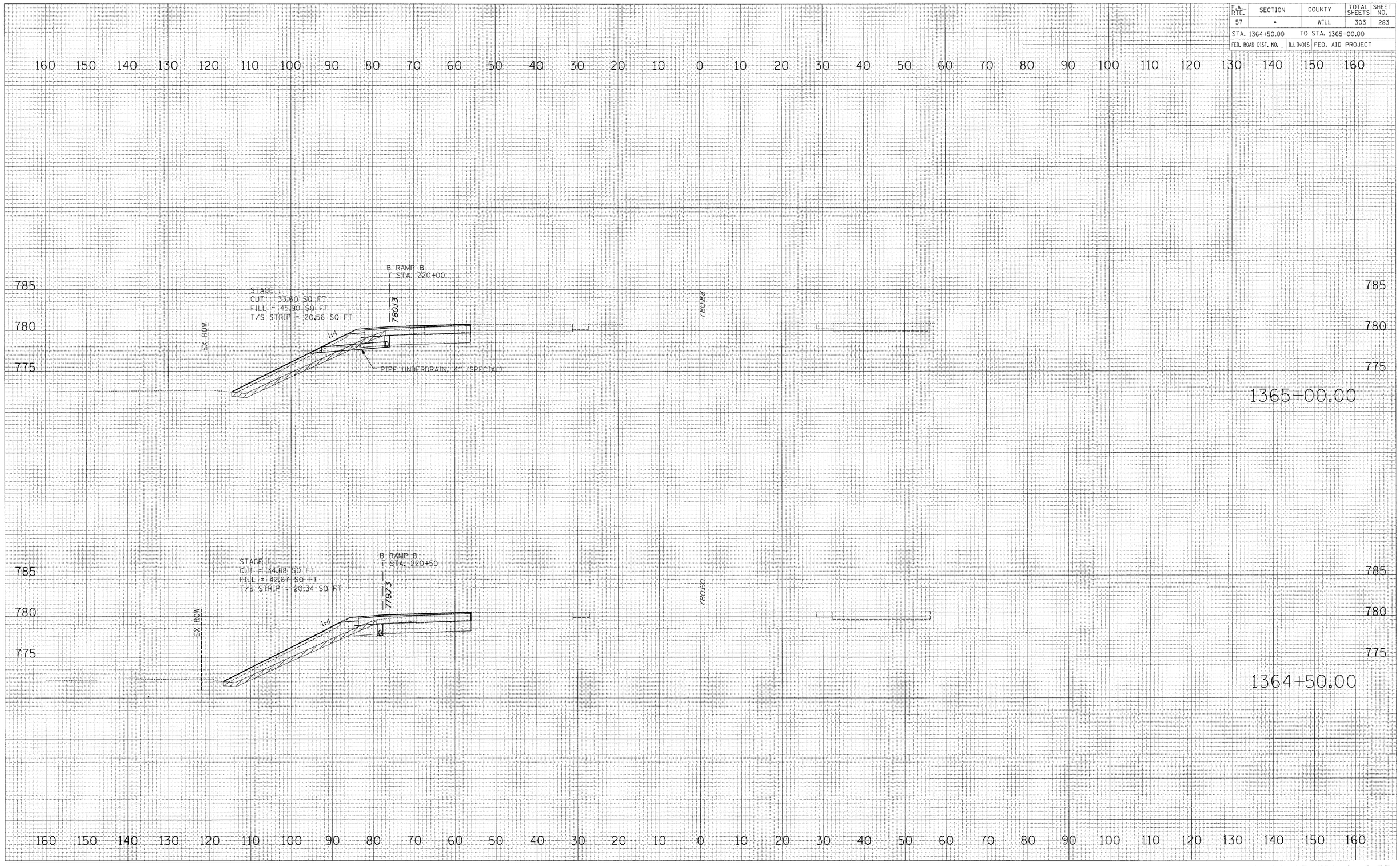
1363+50.00

CROSS SECTIONS: I-57

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	283
STA. 1364+50.00		TO STA. 1365+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK	TRIANGULATE AREAS	
NO.	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK	TRIANGULATE AREAS	
NO.	AREAS CHECKED	



CROSS SECTIONS: I-57

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	284
STA. 1365+50.00		TO STA. 1366+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — HEIGHTS — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — HEIGHTS — AREAS — AREAS CHECKED — BY — DATE

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

785
780
775

STAGE 1
CUT = 33.81 SQ FT
FILL = 58.88 SQ FT
T/S STRIP = 21.02 SQ FT

℄ RAMP B
STA. 219+00

780.91

781.44

EX ROW

1:4

1366+00.00

STAGE 1
CUT = 34.46 SQ FT
FILL = 47.16 SQ FT
T/S STRIP = 20.73 SQ FT

℄ RAMP B
STA. 219+50

780.52

781.16

1365+50.00

CROSS SECTIONS: I-57

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	-	WILL	303	285
STA. 1366+50.00		TO STA. 1367+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS		
AREAS CHECKED		
NO.		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

785
780
775

STAGE I
CUT = 30.03 SQ FT
FILL = 46.80 SQ FT
T/S STRIP = 21.56 SQ FT

℄ RAMP B
STA. 218+00

EX ROW

78.70

78.00

1:4

1367+00.00

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS		
AREAS CHECKED		
NO.		

STAGE I
CUT = 31.32 SQ FT
FILL = 56.93 SQ FT
T/S STRIP = 21.22 SQ FT

℄ RAMP B
STA. 218+50

EX ROW

78.37

78.12

1:4

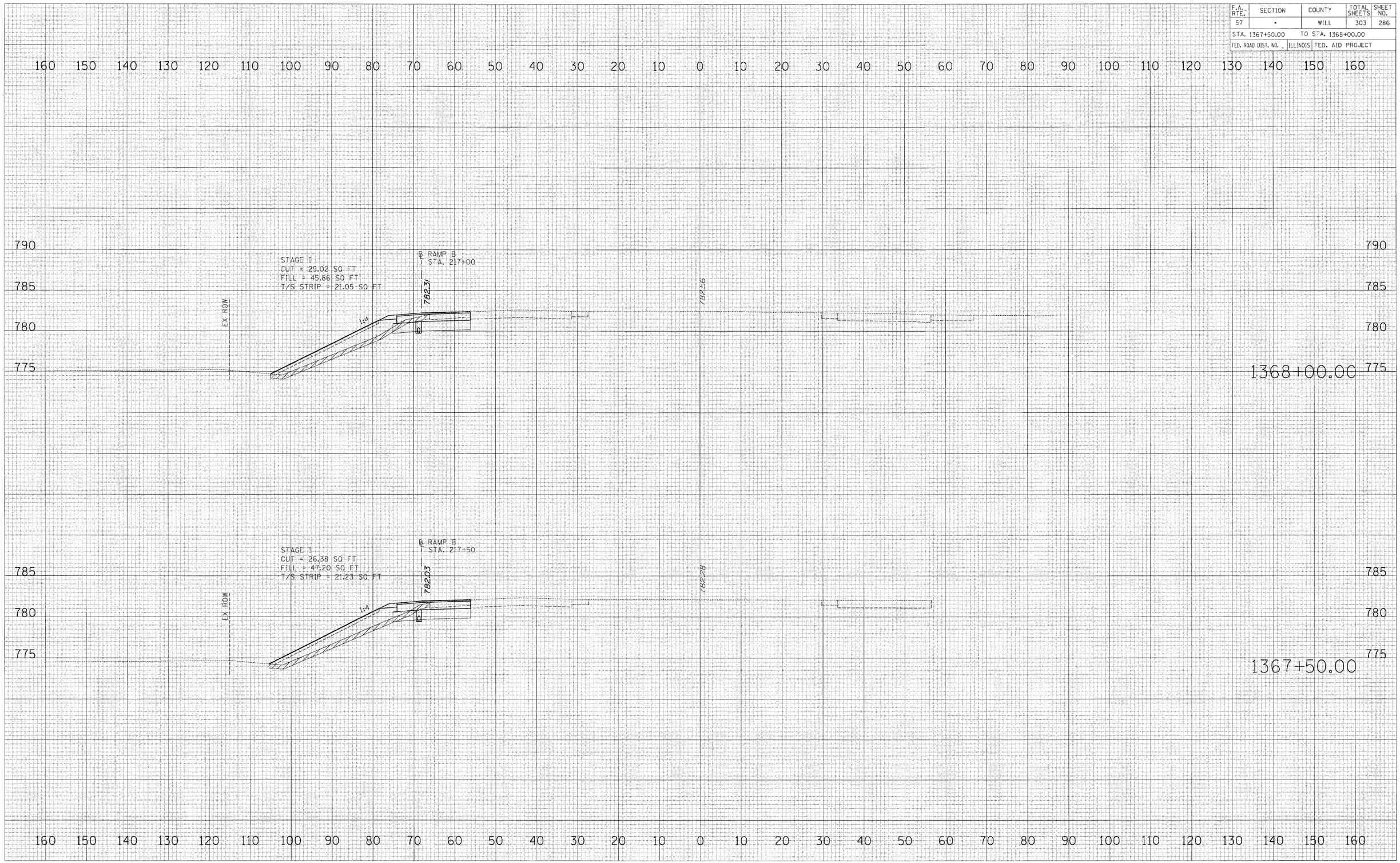
1366+50.00

CROSS SECTIONS: I-57

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	-	WILL	303	286
STA. 1367+50.00		TO STA. 1368+00.00		
FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TYPING DATE		
NOTE BOOK	AREAS	
NO.	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TYPING DATE		
NOTE BOOK	AREAS	
NO.	AREAS CHECKED	

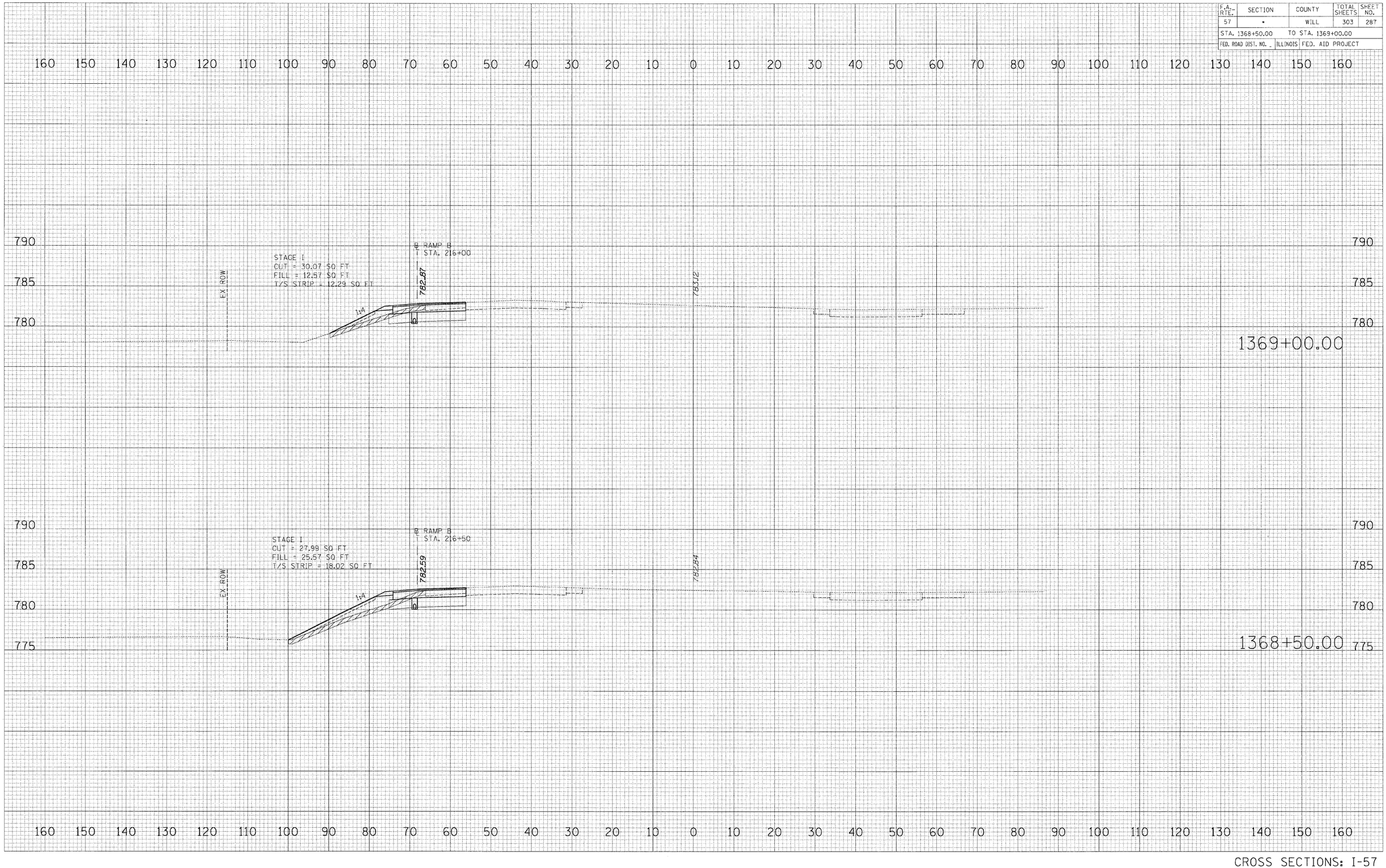


CROSS SECTIONS: I-57

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	287
STA. 1368+50.00		TO STA. 1369+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS CHECKED	

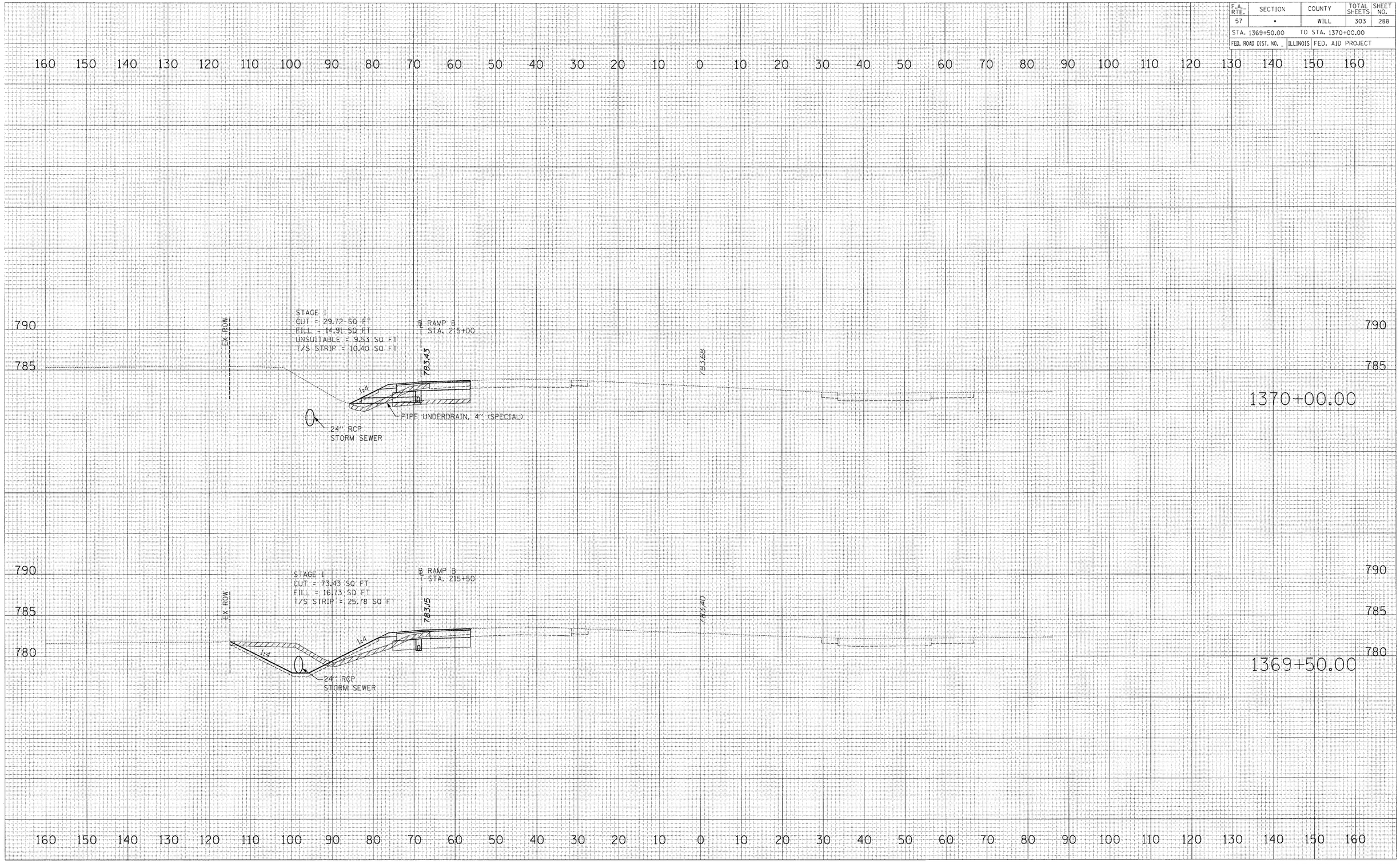


CROSS SECTIONS: I-57

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	288
STA. 1369+50.00		TO STA. 1370+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	SURVEYED	BY
	PLOTTED	
NOTE BOOK	MARKED	
NO.	AREAS	DATE
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	BY
	PLOTTED	
NOTE BOOK	MARKED	
NO.	AREAS	DATE
	AREAS CHECKED	



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	289
STA. 1370+50.00		TO STA. 1371+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

795
790
785

EX. ROW

STAGE 1
CUT = 28.93 SQ FT
FILL = 28.70 SQ FT
UNSUITABLE = 9.52 SQ FT
T/S STRIP = 18.05 SQ FT

℄ RAMP B
STA. 214+00

783.99

184.24

1:4

1:4

24" RCP
STORM SEWER

1371+00.00

795
790
785

EX. ROW

STAGE 1
CUT = 29.43 SQ FT
FILL = 24.07 SQ FT
UNSUITABLE = 9.52 SQ FT
T/S STRIP = 18.05 SQ FT

℄ RAMP B
STA. 214+50

783.71

183.96

1:4

1:4

24" RCP
STORM SEWER

1370+50.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

FINAL SURVEY	SURVEYED	BY
	PLOTTED	DATE
NOTE BOOK	TYPICAL SEC.	
	AREAS	
NO.	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	BY
	PLOTTED	DATE
NOTE BOOK	TYPICAL SEC.	
	AREAS	
NO.	AREAS CHECKED	

CROSS SECTIONS: I-57

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	-	WILL	303	290
STA. 1371+50.00		TO STA. 1372+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

	BY	DATE
FINAL SURVEY NOTE BOOK	SURVEYED PLOTTED TRIANGULATE AREAS AREAS CHECKED	
NO.		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

800
795
790
785

EX. ROW

STAGE 1
CUT = 27.91 SQ FT
FILL = 12.64 SQ FT
UNSUITABLE = 9.52 SQ FT
T/S STRIP = 9.27 SQ FT

℄ RAMP B
STA. 213+00

784.55

784.50

1:4

24" RCP STORM SEWER

1372+00.00

	BY	DATE
ORIGINAL SURVEY NOTE BOOK	SURVEYED PLOTTED TRIANGULATE AREAS AREAS CHECKED	
NO.		

800
795
790
785

EX. ROW

STAGE 1
CUT = 28.49 SQ FT
FILL = 15.56 SQ FT
UNSUITABLE = 9.52 SQ FT
T/S STRIP = 12.42 SQ FT

℄ RAMP B
STA. 213+50

784.27

784.52

1:3

1:4

1371+50.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

CROSS SECTIONS: I-57

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	291
STA. 1372+50.00		TO STA. 1373+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	DATE	BY
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		
AREAS CHECKED		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

795
790
785

EX. ROW

STAGE 1
CUT = 54.93 SQ FT
FILL = 11.12 SQ FT
UNSUITABLE = 9.52 SQ FT
T/S STRIP = 27.90 SQ FT

℄ RAMP B
STA. 212+00

785.06

785.30

1:3

1:4

24" RCP
STORM SEWER

1373+00.00

ORIGINAL SURVEY	DATE	BY
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		
AREAS CHECKED		

795
790
785

EX. ROW

STAGE 1
CUT = 25.29 SQ FT
FILL = 14.62 SQ FT
UNSUITABLE = 9.52 SQ FT
T/S STRIP = 18.97 SQ FT

℄ RAMP B
STA. 212+50

784.82

785.01

1:2.5

1:4

24" RCP
STORM SEWER

1372+50.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	292
STA. 1373+50.00		TO STA. 1374+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS		
NO. AREAS CHECKED		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

795
790
785

EX. ROW

STAGE 1
CUT = 27.91 SQ FT
FILL = 13.29 SQ FT
T/S STRIP = 17.87 SQ FT

℄ RAMP B
STA. 211+00

785.44

1:4

1:4

785.58

24" RCP
STORM SEWER

1374+00.00

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS		
NO. AREAS CHECKED		

795
790
785

EX. ROW

STAGE 1
CUT = 27.74 SQ FT
FILL = 12.78 SQ FT
T/S STRIP = 14.04 SQ FT

℄ RAMP B
STA. 211+50

785.26

1:4

1:4

785.51

24" RCP
STORM SEWER

1373+50.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	293
STA. 1374+50.00		TO STA. 1375+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TRIANGLES	
	AREAS	
	AREAS CHECKED	

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

795
790
785

EX ROW

STAGE 1
CUT = 26.16 SQ FT
FILL = 16.32 SQ FT
T/S STRIP = 13.23 SQ FT

℄ RAMP B
STA. 210+00

785.70

785.94

1:4

1:3

PIPE UNDERDRAIN, 4" (SPECIAL)

1375+00.00

ORIGINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TRIANGLES	
	AREAS	
	AREAS CHECKED	

795
790
785

EX ROW

STAGE 1
CUT = 31.53 SQ FT
FILL = 12.54 SQ FT
T/S STRIP = 17.15 SQ FT

℄ RAMP B
STA. 210+50

785.58

785.83

1:4

1:3

1374+50.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

CROSS SECTIONS: I-57

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	294
STA. 1375+50.00		TO STA. 1376+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TYPED
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TYPED
AREAS
AREAS CHECKED
BY
DATE

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

790

785

EX. ROW

STAGE I
CUT = 27.40 SQ FT
FILL = 14.13 SQ FT
T/S STRIP = 10.17 SQ FT

℄ RAMP B
STA. 209+00

785.84

1:4

786.08

790

785

1376+00.00

795

790

785

EX. ROW

STAGE I
CUT = 26.49 SQ FT
FILL = 15.90 SQ FT
T/S STRIP = 10.40 SQ FT

℄ RAMP B
STA. 209+50

785.79

1:4

786.03

795

790

785

1375+50.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	295
STA. 1376+50.00		TO STA. 1377+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

790
785

EX. ROW

CUT = 28.93 SQ FT
FILL = 11.10 SQ FT
T/S STRIP = 9.48 SQ FT

785.83

1:4

℄

786.01

1377+50.00

EX. ROW

STAGE I
CUT = 28.72 SQ FT
FILL = 11.00 SQ FT
T/S STRIP = 9.34 SQ FT

℄ RAMP B
STA. 208+00

785.86

1:4

℄

786.10

1377+00.00

EX. ROW

STAGE I
CUT = 28.08 SQ FT
FILL = 12.47 SQ FT
T/S STRIP = 9.78 SQ FT

℄ RAMP B
STA. 208+50

785.87

1:4

℄

786.11

1376+50.00

FINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TYING ALL	
	AREAS	
	AREAS CHECKED	

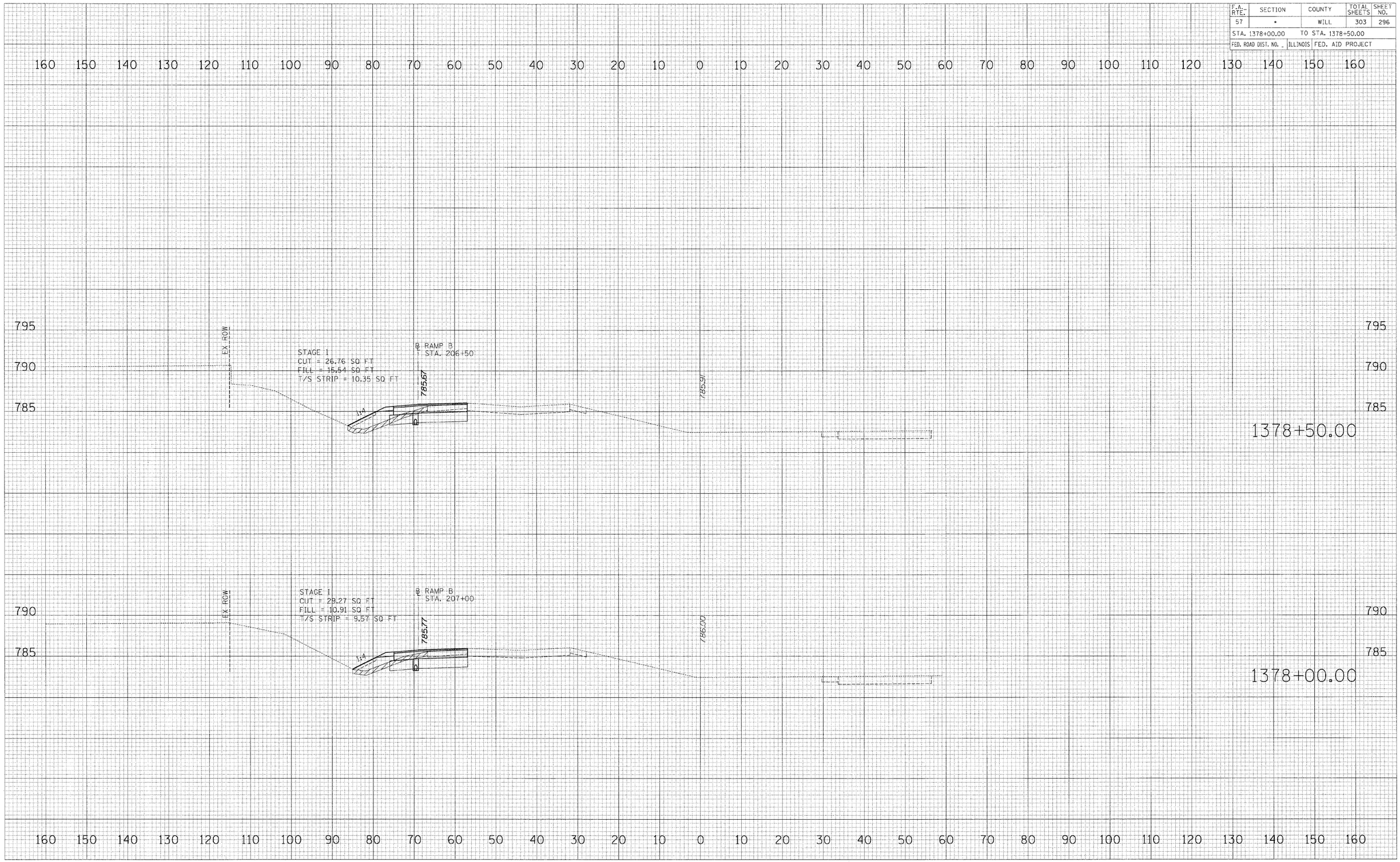
ORIGINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TYING ALL	
	AREAS	
	AREAS CHECKED	

CROSS SECTIONS: I-57

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	296
STA. 1378+00.00		TO STA. 1378+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED				
PLOTTED				
HARD COPY				
AREAS				
AREAS CHECKED				

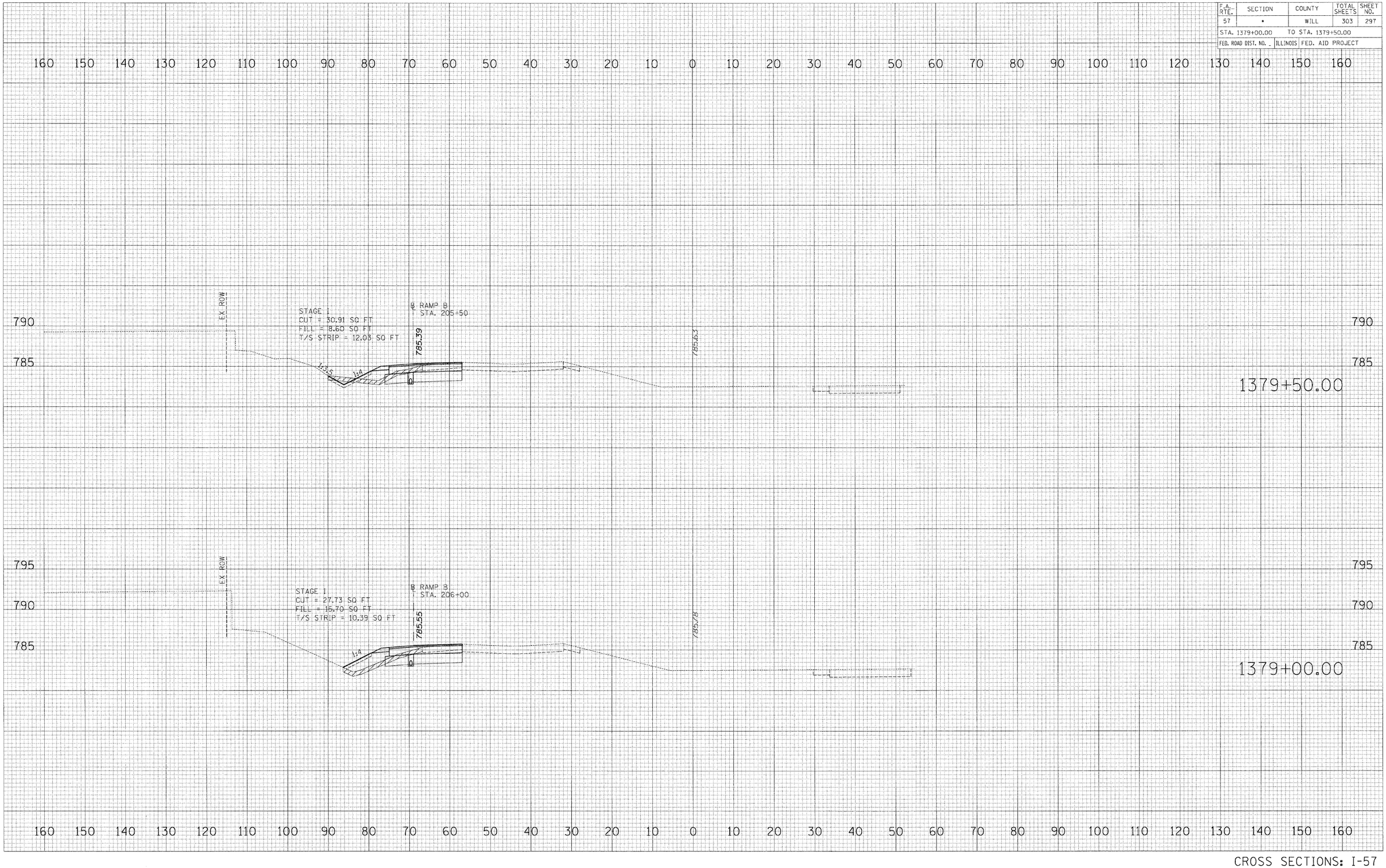
ORIGINAL SURVEY	NOTE BOOK	NO.	BY	DATE
SURVEYED				
PLOTTED				
HARD COPY				
AREAS				
AREAS CHECKED				



CROSS SECTIONS: I-57

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	297
STA. 1379+00.00		TO STA. 1379+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TOPSOIL FT.
AREAS
AREAS CHECKED
BY
DATE



ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TOPSOIL FT.
AREAS
AREAS CHECKED
BY
DATE

CROSS SECTIONS: I-57

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	-	WILL	303	298
STA. 1380+00.00		TO STA. 1380+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS CHECKED	

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

795
790
785

EX. ROW

STAGE 1
CUT = 28.87 SQ FT
FILL = 15.39 SQ FT
T/S STRIP = 10.37 SQ FT

℄ RAMP B
STA. 204+50

785.01

785.24

1:4

1380+50.00

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.	AREAS CHECKED	

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

790
785

EX. ROW

STAGE 1
CUT = 29.78 SQ FT
FILL = 14.81 SQ FT
T/S STRIP = 10.35 SQ FT

℄ RAMP B
STA. 205+00

785.21

785.44

1:4

1380+00.00

CROSS SECTIONS: I-57

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	299
STA. 1381+00.00		TO STA. 1381+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

795
790
785

EX. ROW

STAGE 1
CUT = 27.42 SQ FT
FILL = 18.12 SQ FT
T/S STRIP = 10.76 SQ FT

℄ RAMP B
STA. 203+50

7846

1:4

7843

1381+50.00

BY	DATE

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TYPING DATE
AREAS
AREAS CHECKED

EX. ROW

STAGE 1
CUT = 27.94 SQ FT
FILL = 16.89 SQ FT
T/S STRIP = 10.56 SQ FT

℄ RAMP B
STA. 204+00

7848

1:4

7850

1381+00.00

BY	DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TYPING DATE
AREAS
AREAS CHECKED

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	300
STA. 1382+00.00		TO STA. 1382+23.29		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TOPO ADD		
AREAS		
AREAS CHECKED		

BY	DATE

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

795
790
785

EX. ROW

STAGE I
CUT = 27.50 SQ FT
FILL = 19.13 SQ FT
T/S STRIP = 10.86 SQ FT

B RAMP B
STA. 202+75.22

784.31

1:4

784.55

1382+23.29

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TOPO ADD		
AREAS		
AREAS CHECKED		

BY	DATE

795
790
785

EX. ROW

STAGE I
CUT = 27.29 SQ FT
FILL = 18.63 SQ FT
T/S STRIP = 10.93 SQ FT

B RAMP B
STA. 203+00

784.41

1:4

784.64

1382+00.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	WILL	303	301
STA. 1382+50.00		TO STA. 1383+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
DRAWN
AREAS
AREAS CHECKED
BY
DATE

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

790
785

EX. ROW

STAGE 1
CUT = 25.27 SQ FT
FILL = 13.76 SQ FT
T/S STRIP = 9.81 SQ FT

℄ RAMP B
STA. 202+00

784.07

784.24

1:4

b

℄

790
785

1383+00.00

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
DRAWN
AREAS
AREAS CHECKED
BY
DATE

795
790
785

EX. ROW

STAGE 1
CUT = 27.24 SQ FT
FILL = 17.68 SQ FT
T/S STRIP = 10.50 SQ FT

℄ RAMP B
STA. 202+50

784.23

784.44

1:4

b

℄

795
790
785

1382+50.00

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	302
STA. 1383+50.00		TO STA. 1384+50.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

790
785

EX. ROW

B RAMP B
STA. 200+50

STAGE I
CUT = 17.55 SQ FT
FILL = 10.29 SQ FT
T/S STRIP = 8.10 SQ FT

783.59

1:4

6

783.64

1384+50.00

B RAMP B
STA. 201+00

STAGE I
CUT = 19.13 SQ FT
FILL = 5.54 SQ FT
T/S STRIP = 8.54 SQ FT

783.75

783.84

1384+00.00

B RAMP B
STA. 201+50

STAGE I
CUT = 21.82 SQ FT
FILL = 11.49 SQ FT
T/S STRIP = 9.18 SQ FT

783.91

784.04

1383+50.00

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS		
NO.	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS		
NO.	AREAS CHECKED	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	WILL	303	303
STA. 1385+00.00		TO STA. 1385+00.00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
CHECKED		
TAPE		
AREAS		
AREAS CHECKED		

BY	DATE

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
CHECKED		
TAPE		
AREAS		
AREAS CHECKED		

BY	DATE

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

790

785

780

EX. ROW

STAGE 1
CUT = 18.71 SQ FT
FILL = 4.97 SQ FT
F/S STRIP = 5.40 SQ FT

B RAMP B =
STA. 200+00

78343

78344

1:4

PIPE UNDERDRAIN, 4" (SPECIAL)

1385+00.00

790

785

780

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

CROSS SECTIONS: I-57