

ROADWAY LIGHTING SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL QUANTITIES
CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	90
CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	593
UNIT DUCT, 600V, WITH 3-1/C NO. 4 AND 1/C NO. 6 GROUND (EPR-TYPE RHW), 1 1/4" DIA. POLYETHYLENE	FOOT	3804
ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 3-1/C NO. 2	FOOT	180
AERIAL CABLE WITH MESSENGER WIRE, 3-1/C NO. 2	FOOT	4639
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	3230
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	44
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTO-CELL CONTROL, 400 WATT	EACH	10
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. MAST ARM	EACH	18
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 2-15 FT. MAST ARMS	EACH	4
LIGHT POLE, WOOD, 40 FOOT, CLASS 4	EACH	1
LIGHT POLE, WOOD, 40 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	2
LIGHT POLE, WOOD, 60 FOOT, CLASS 3	EACH	2
LIGHT POLE, WOOD, 60 FOOT, CLASS 3, WITH 15FT MAST ARM	EACH	24
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	206
BREAKAWAY DEVICE, COUPLING, WITH ALUMINUM SKIRT	EACH	22
REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	20
LIGHTING FOUNDATION REMOVAL, PARTIAL	EACH	16
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2854
REMOVE TEMPORARY WOOD POLE	EACH	28
TEMPORARY ELECTRIC SERVICE INSTALLATION	EACH	2
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	12
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	54
REMOVE TEMPORARY LIGHTING UNITS AND SALVAGE	EACH	30
GROUND ROD, 5/8" DIA. X 10 FT.	EACH	52

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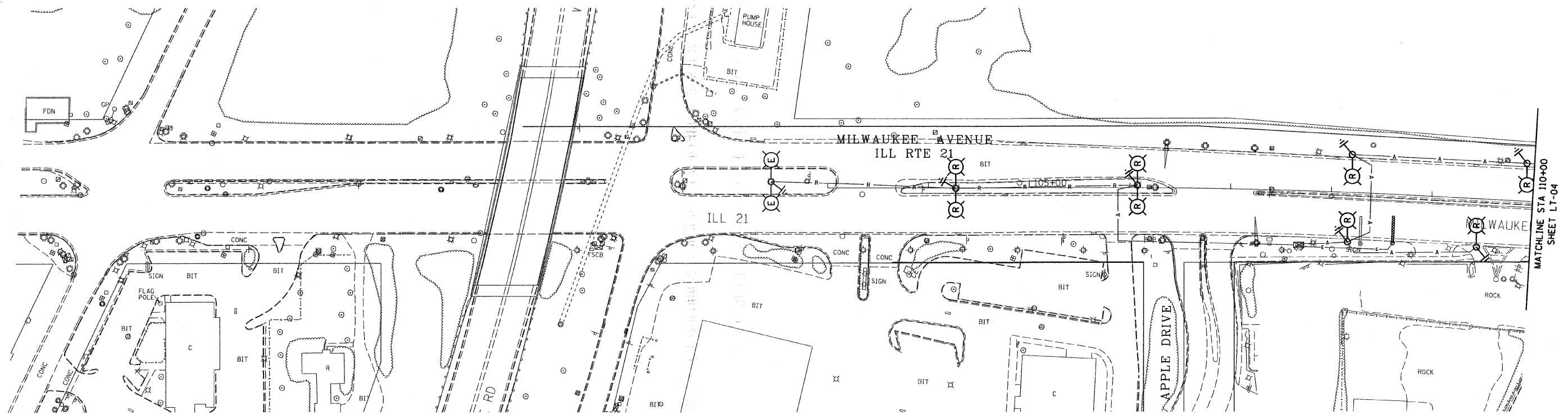
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ILL RTE 21 & US RTE 45

ROADWAY LIGHTING
SCHEDULE OF QUANTITIES

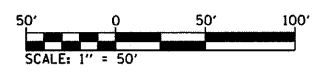
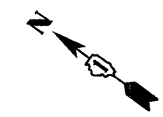
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	202
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62387				



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LT-03 OF 16

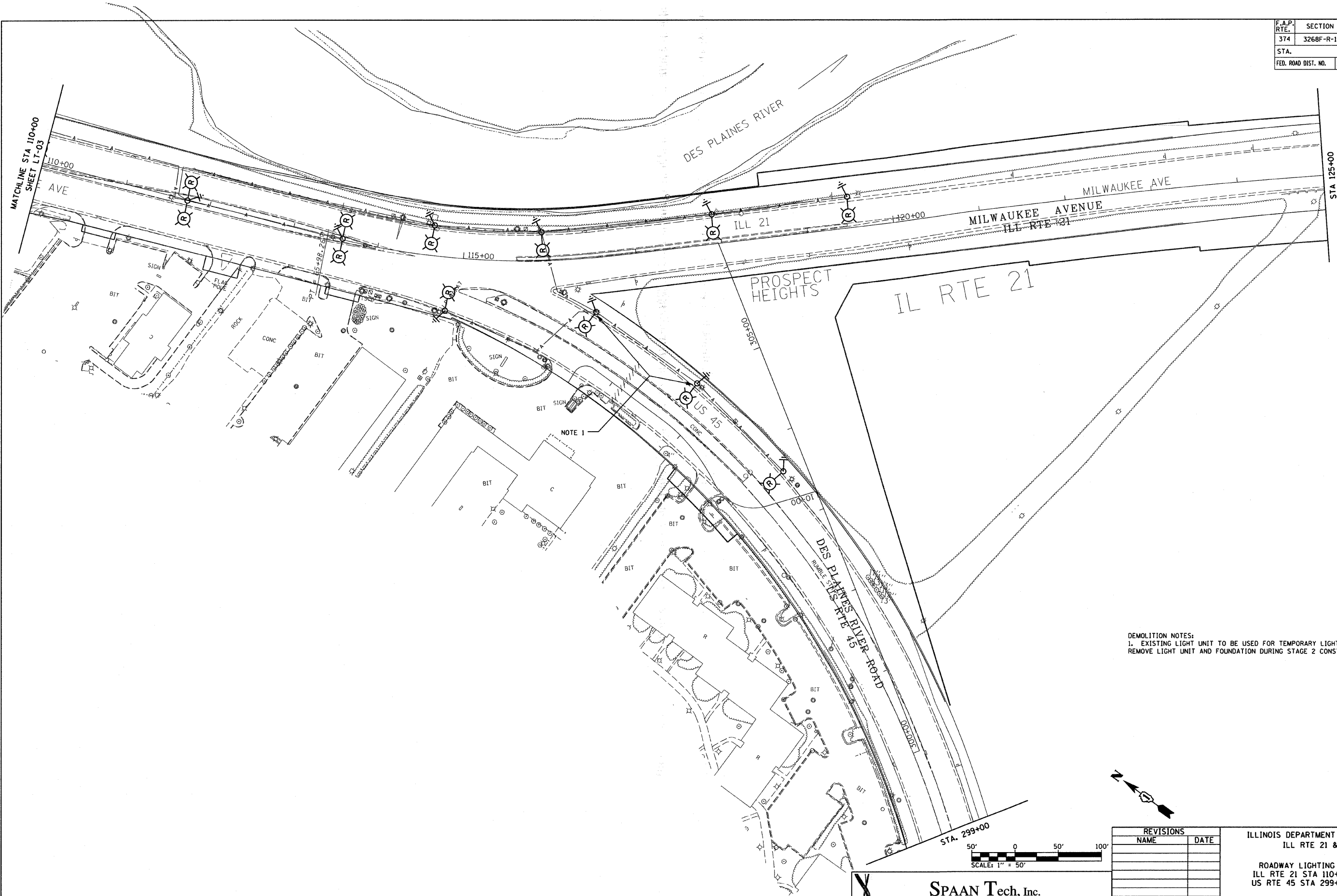
ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILL RTE 21 & US RTE 45

 ROADWAY LIGHTING DEMOLITION PLAN
 ILL RTE 21 STA 100+00 TO STA 110+00

SCALE: 1" = 50'-0"
 DATE: 02/05/08

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	203
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62387				



DEMOLITION NOTES:
 1. EXISTING LIGHT UNIT TO BE USED FOR TEMPORARY LIGHTING.
 REMOVE LIGHT UNIT AND FOUNDATION DURING STAGE 2 CONSTRUCTION.

LT-04 OF 16

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ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILL RTE 21 & US RTE 45

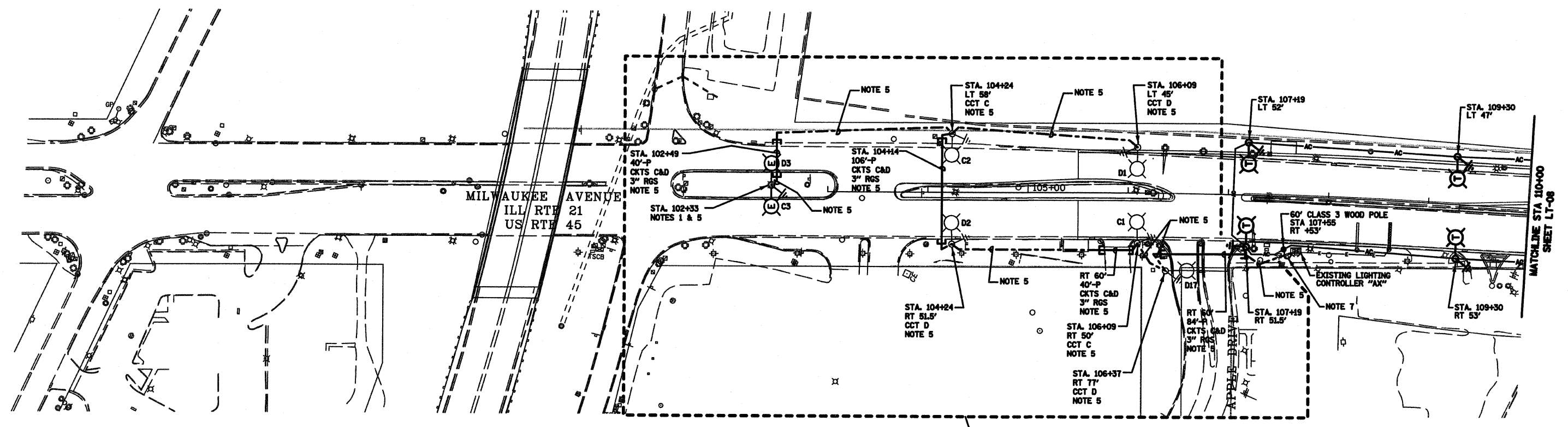
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 ILL RTE 21 STA 110+00 TO STA 125+00
 US RTE 45 STA 299+00 TO STA 305+37

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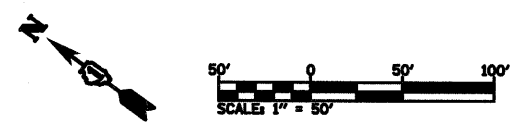
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F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	204
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62387				



- TEMPORARY LIGHTING NOTES:**
1. CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY, DEMOLITION AND PROPOSED LIGHTING INSTALLATION AND ENERGIZATION SO THAT NO SECTIONS OF ROADWAY THAT ARE CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
 2. MAINTAIN CLEARANCE FROM GROUND PER NEC SECTION 225.18 FOR ALL AERIAL CABLES. MAINTAIN CLEARANCE FROM ComEd LINES AS REQUIRED BY ComEd.
 3. ALL AERIAL CABLES SHALL BE 3-1/2" Ø2 ALUMINUM WITH MESSENGER WIRE.
 4. WORK ON THIS SHEET SHALL BE COMPLETED PRIOR TO THE START OF PRE-STAGE ROADWAY CONSTRUCTION.
 5. REFER TO PROPOSED ROADWAY LIGHTING PLAN, SHEET LT-05, FOR INSTALLATION OF EQUIPMENT IN THIS AREA TO BE COMPLETED PRIOR TO PRE-STAGE CONSTRUCTION.
 6. ALL TEMPORARY LIGHT UNITS SHALL HAVE 60' CLASS 3 WOOD POLES AND 15' MAST ARMS WITH A LUMINAIRE MOUNTING HEIGHT OF 47'-6", UNLESS OTHERWISE NOTED.
 7. INSTALL (1) 2" PVC CONDUIT IN TRENCH, WITH 1-3/4" Ø2 AND 1-1/2" Ø4 FOR TEMPORARY CONNECTIONS BETWEEN EXISTING LIGHTING CONTROLLER "AX" AND AERIAL CABLES. REFER TO "WOOD POLE TO LIGHTING CONTROLLER WIRING CONNECTION DETAIL" ON SHEET LT-16.

Rick Johns
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LT-05 OF 16

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ILL. RTE 21 & US RTE 45

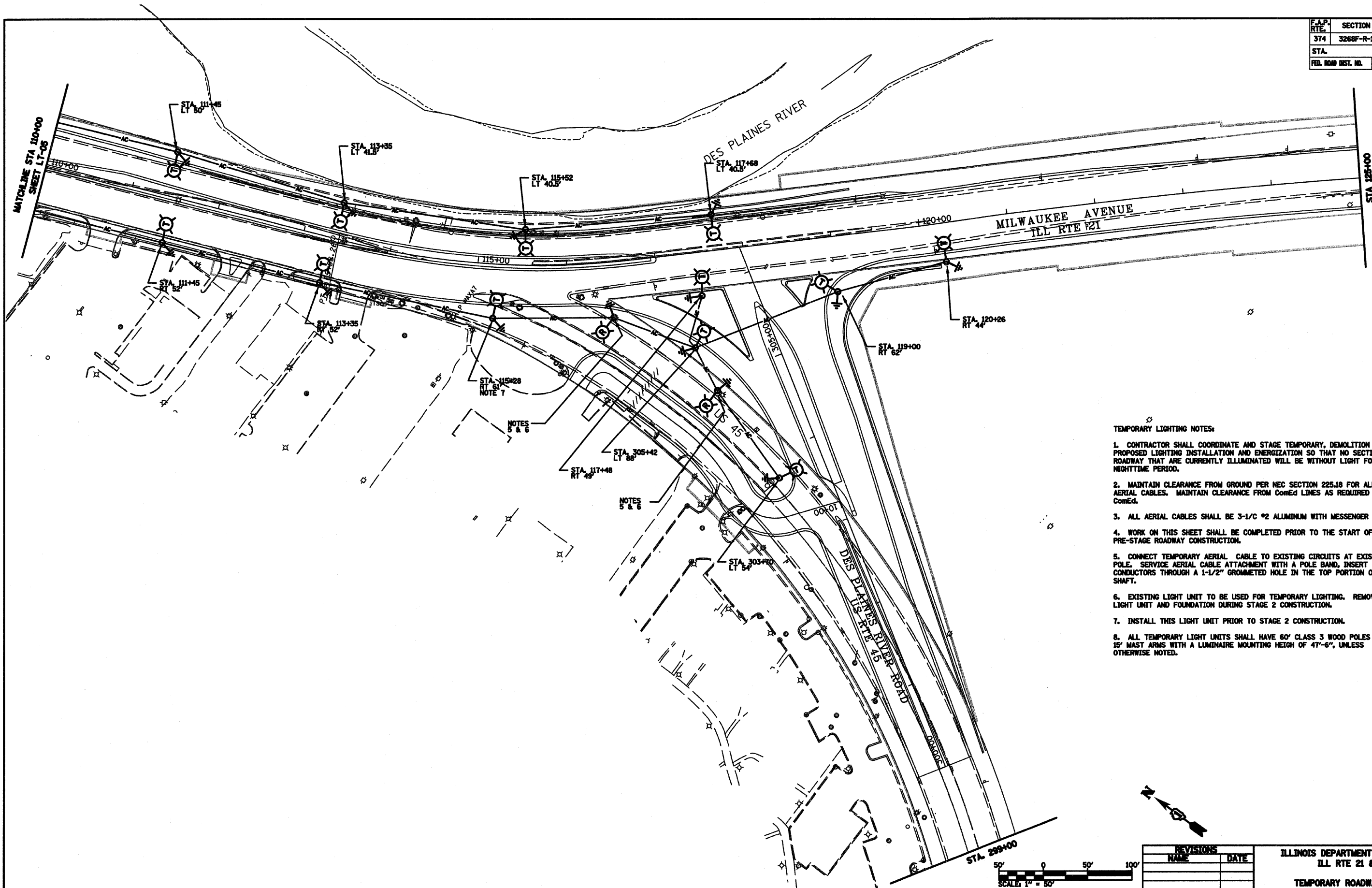
TEMPORARY ROADWAY LIGHTING PLAN
ILL. RTE 21 STA 100+00 TO STA 110+00

SCALE: 1" = 50'-0"
DATE: 02/05/08

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	205
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62387



- TEMPORARY LIGHTING NOTES:
1. CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY, DEMOLITION AND PROPOSED LIGHTING INSTALLATION AND ENERGIZATION SO THAT NO SECTIONS OF ROADWAY THAT ARE CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
 2. MAINTAIN CLEARANCE FROM GROUND PER NEC SECTION 225.18 FOR ALL AERIAL CABLES. MAINTAIN CLEARANCE FROM ComEd LINES AS REQUIRED BY ComEd.
 3. ALL AERIAL CABLES SHALL BE 3-1/2" #2 ALUMINUM WITH MESSENGER WIRE.
 4. WORK ON THIS SHEET SHALL BE COMPLETED PRIOR TO THE START OF PRE-STAGE ROADWAY CONSTRUCTION.
 5. CONNECT TEMPORARY AERIAL CABLE TO EXISTING CIRCUITS AT EXISTING POLE. SERVICE AERIAL CABLE ATTACHMENT WITH A POLE BAND, INSERT CONDUCTORS THROUGH A 1-1/2" GROMMETED HOLE IN THE TOP PORTION OF THE SHAFT.
 6. EXISTING LIGHT UNIT TO BE USED FOR TEMPORARY LIGHTING. REMOVE LIGHT UNIT AND FOUNDATION DURING STAGE 2 CONSTRUCTION.
 7. INSTALL THIS LIGHT UNIT PRIOR TO STAGE 2 CONSTRUCTION.
 8. ALL TEMPORARY LIGHT UNITS SHALL HAVE 60' CLASS 3 WOOD POLES AND 15' MAST ARMS WITH A LUMINAIRE MOUNTING HEIGHT OF 47'-6", UNLESS OTHERWISE NOTED.



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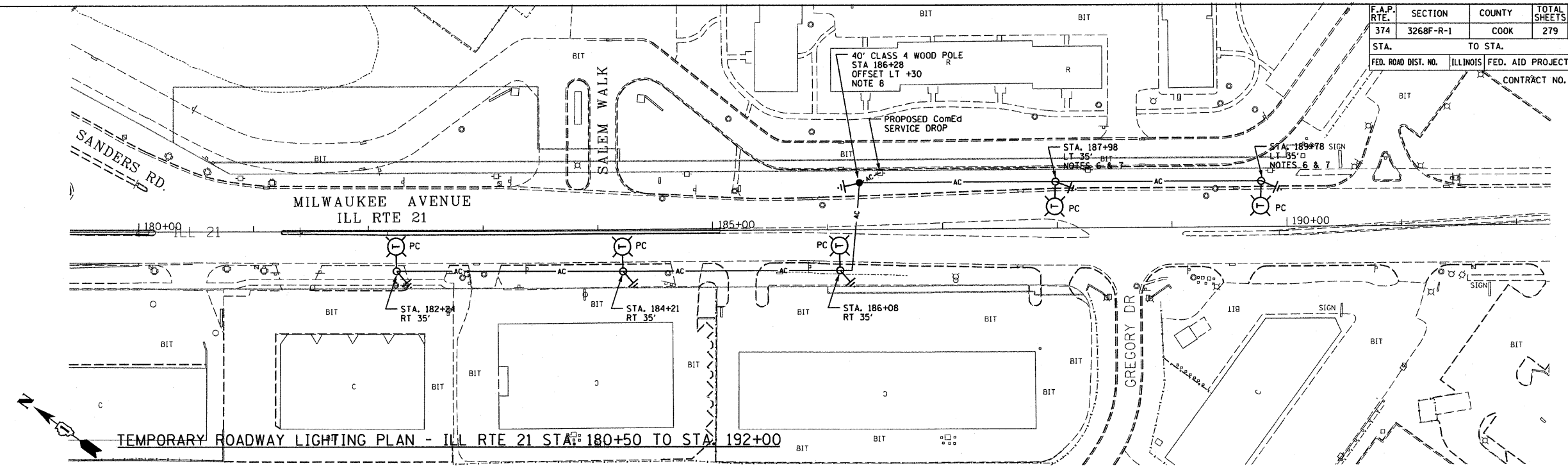
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ILLINOIS DEPARTMENT OF TRANSPORTATION
ILL RTE 21 & US RTE 45
TEMPORARY ROADWAY LIGHTING PLAN
ILL RTE 21 STA 110+00 TO STA 125+00
US RTE 45 STA 299+00 TO STA 305+37

SCALE: 1" = 50'-0"
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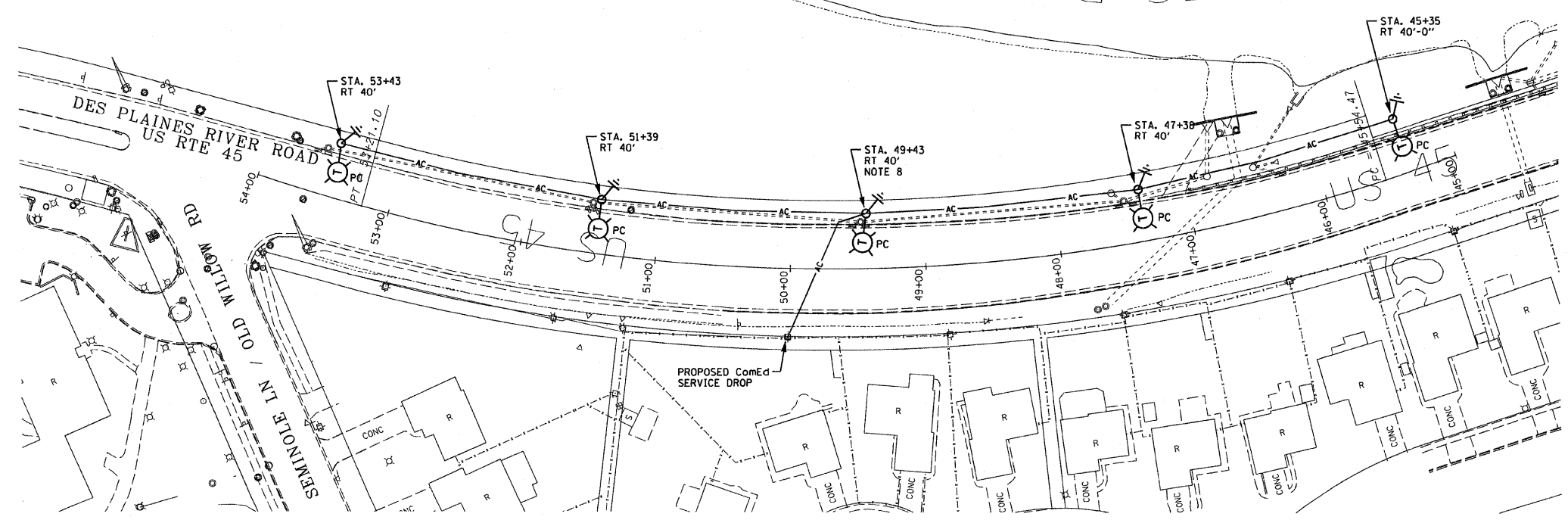
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374	3268F-R-1	COOK	279	206
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
	CONTRACT NO. 62387			



TEMPORARY ROADWAY LIGHTING PLAN - ILL RTE 21 STA. 180+50 TO STA. 192+00

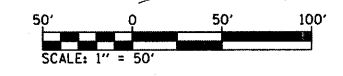
TEMPORARY LIGHTING NOTES:

1. CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY, DEMOLITION AND PROPOSED LIGHTING INSTALLATION AND ENERGIZATION SO THAT NO SECTIONS OF ROADWAY THAT ARE CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
2. MAINTAIN CLEARANCE FROM GROUND PER NEC SECTION 225.18 FOR ALL AERIAL CABLES. MAINTAIN CLEARANCE FROM ComEd LINES AS REQUIRED BY ComEd.
3. ALL AERIAL CABLES SHALL BE 3-1/C *2 ALUMINUM WITH MESSENGER WIRE.
4. WORK ON THIS SHEET SHALL BE COMPLETED PRIOR TO THE START OF PRE-STAGE ROADWAY CONSTRUCTION.
5. ALL TEMPORARY LIGHT UNITS SHALL HAVE 60' CLASS 3 WOOD POLES AND 15' MAST ARMS WITH A LUMINAIRE MOUNTING HEIGHT OF 47'-6", UNLESS OTHERWISE NOTED.
6. POLE SHALL BE 40' CLASS 4, LUMINAIRE MOUNTING HEIGHT SHALL BE 30'.
7. LUMINAIRE SHALL BE 310W HPS.
8. INSTALL 30A/30AF NEMA 3R LOCKABLE SERVICE DISCONNECT SWITCH. SWITCH SHALL BE UL LISTED AS SUITABLE FOR USE AS SERVICE ENTRANCE EQUIPMENT. COST OF SWITCH AND INSTALLATION SHALL BE INCLUDED IN THE PAY ITEM FOR TEMPORARY ELECTRICAL SERVICE INSTALLATION.



TEMPORARY ROADWAY LIGHTING PLAN - US RTE 45 STA. 45+50 TO STA. 55+50

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REVISIONS	
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ILL RTE 21 & US RTE 45

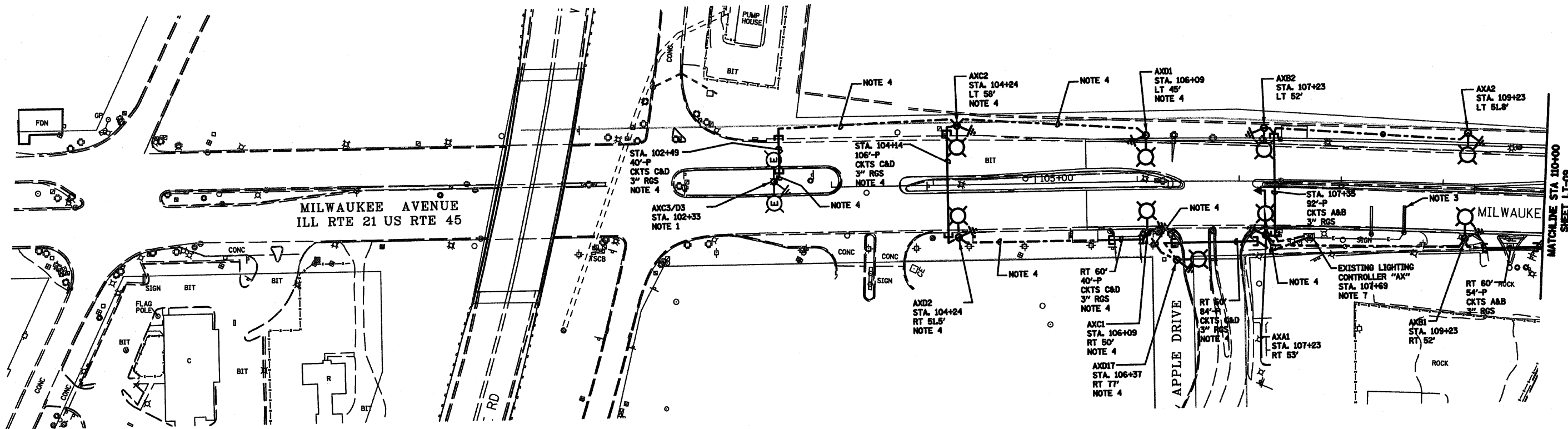
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ILL RTE 21 STA. 180+50 TO STA. 192+00
US RTE 45 STA. 45+50 TO STA. 55+50

SCALE: 1" = 50'-0"
DATE: 02/05/08

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- NOTES:
- PULL NEW UNIT DUCT THROUGH EXISTING CONDUIT SLEEVE IN FOUNDATION. CONNECT NEW CONDUCTORS TO EXISTING CIRCUITS AT BASE OF POLE.
 - EXISTING CIRCUITS "CO" CONTINUE NORTH.
 - EXISTING CANTILEVER SIGN, LIGHTED.
 - INSTALL PRIOR TO PRE-STAGE CONSTRUCTION.
 - ALL PROPOSED PUSHED CONDUITS ARE 3" RGS.
 - ALL PROPOSED UNIT DUCTS ARE 1-1/4" DIA. POLYETHYLENE WITH 3-1/C #4 & 1-1/C #6 GND (EPR-TYPE RHW).
 - EXISTING LIGHTING CONTROLLER TO BE USED FOR PROPOSED LIGHTING. EXISTING ELECTRICAL SERVICE TO REMAIN.
 - ALL PROPOSED LIGHT POLES SHALL HAVE BREAK-AWAY COUPLINGS.

LT-08 OF 16



REVISIONS	
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ROADWAY LIGHTING PROPOSED PLAN
ILL RTE 21 STA 100+00 TO STA 110+00

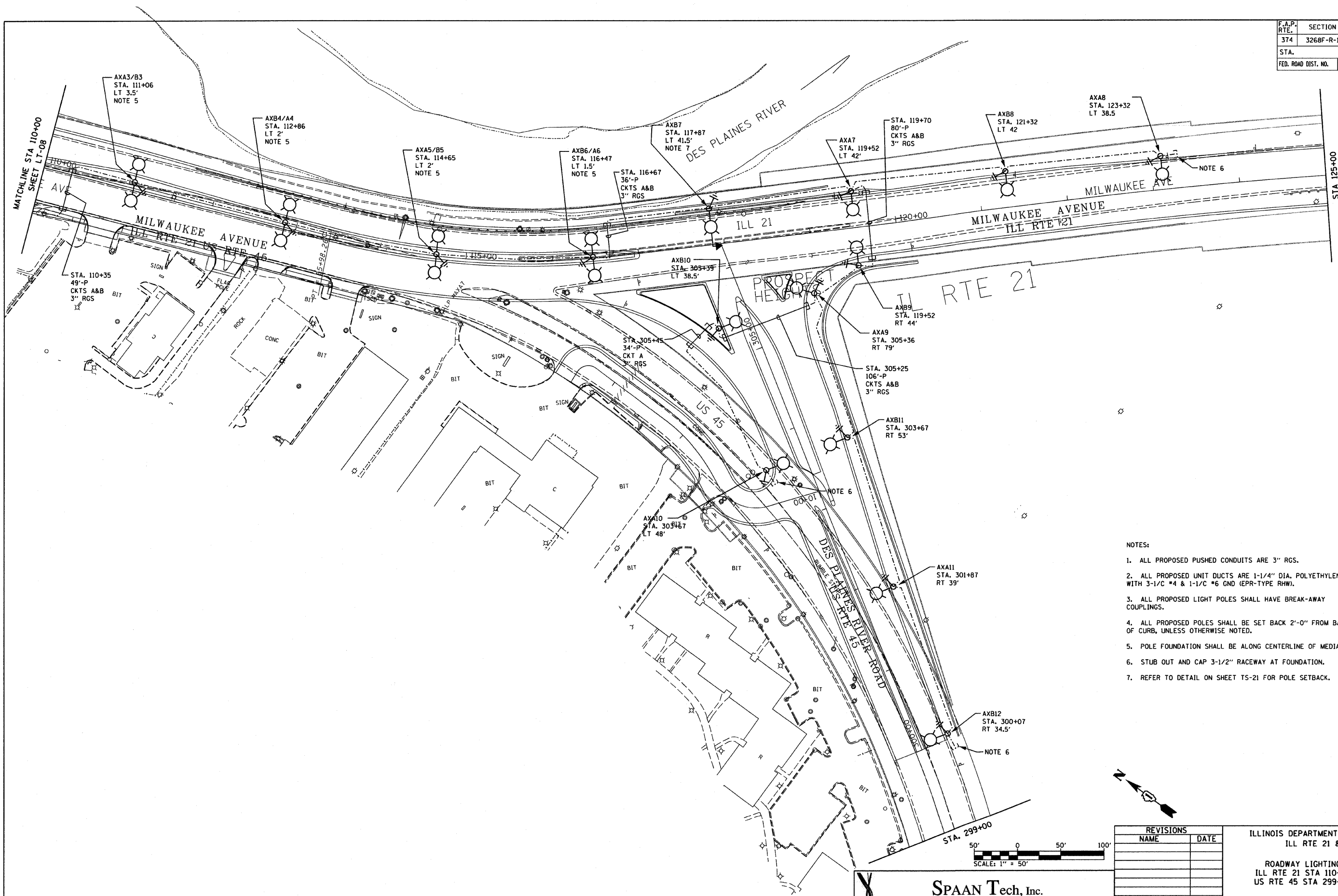
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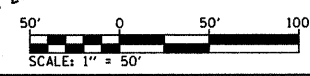
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 01/25/2008 - ILL RTE 21
 02/05/2008 - ILL RTE 21
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	208
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62387				



- NOTES:
1. ALL PROPOSED PUSHED CONDUITS ARE 3" RGS.
 2. ALL PROPOSED UNIT DUCTS ARE 1-1/4" DIA. POLYETHYLENE WITH 3-1/8" #4 & 1-1/8" #6 GND (EPR-TYPE RHW).
 3. ALL PROPOSED LIGHT POLES SHALL HAVE BREAK-AWAY COUPLINGS.
 4. ALL PROPOSED POLES SHALL BE SET BACK 2'-0" FROM BACK OF CURB, UNLESS OTHERWISE NOTED.
 5. POLE FOUNDATION SHALL BE ALONG CENTERLINE OF MEDIAN.
 6. STUB OUT AND CAP 3-1/2" RACEWAY AT FOUNDATION.
 7. REFER TO DETAIL ON SHEET TS-21 FOR POLE SETBACK.



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ILLINOIS DEPARTMENT OF TRANSPORTATION
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ROADWAY LIGHTING PROPOSED PLAN
ILL RTE 21 STA 110+00 TO STA 125+00
US RTE 45 STA 299+00 TO STA 305+37

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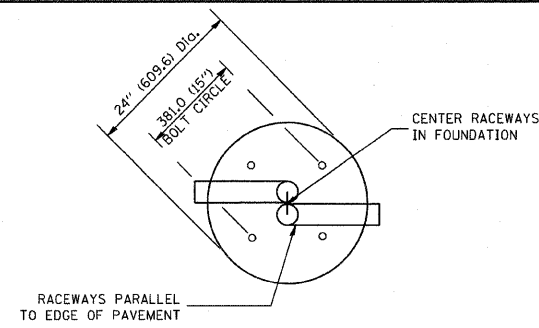
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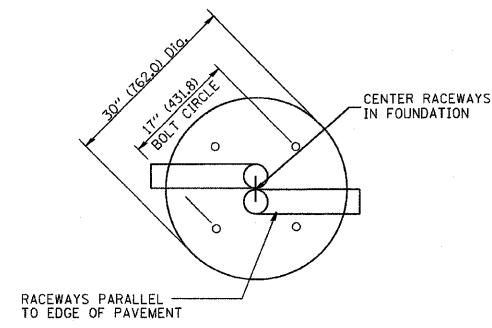
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374	3268P-R-1	COOK	279	210
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LIGHT POLE FOUNDATION DEPTH TABLE
40 FT. (12.192M) TO 47.5 FT. (14.478M) MOUNTING HEIGHT

SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY O _u = 0.375 TON/SQ. FT.	13'-0" (3.96M)	15'-0" (4.57M)
MEDIUM CLAY O _u = 0.75 TON/SQ.FT	9'-6" (2.93M)	10'-9" (3.23M)
STIFF CLAY O _u = 1.50 TON/SQ. FT.	7'-0" (2.13M)	8'-0" (2.44M)
LOOSE SAND φ = 34°	9'-0" (2.74M)	10'-0" (3.05M)
MEDIUM SAND φ = 37.5°	8'-3" (2.52M)	9'-0" (2.74M)
DENSE SAND φ = 40°	7'-9" (2.36M)	9'-0" (2.74M)



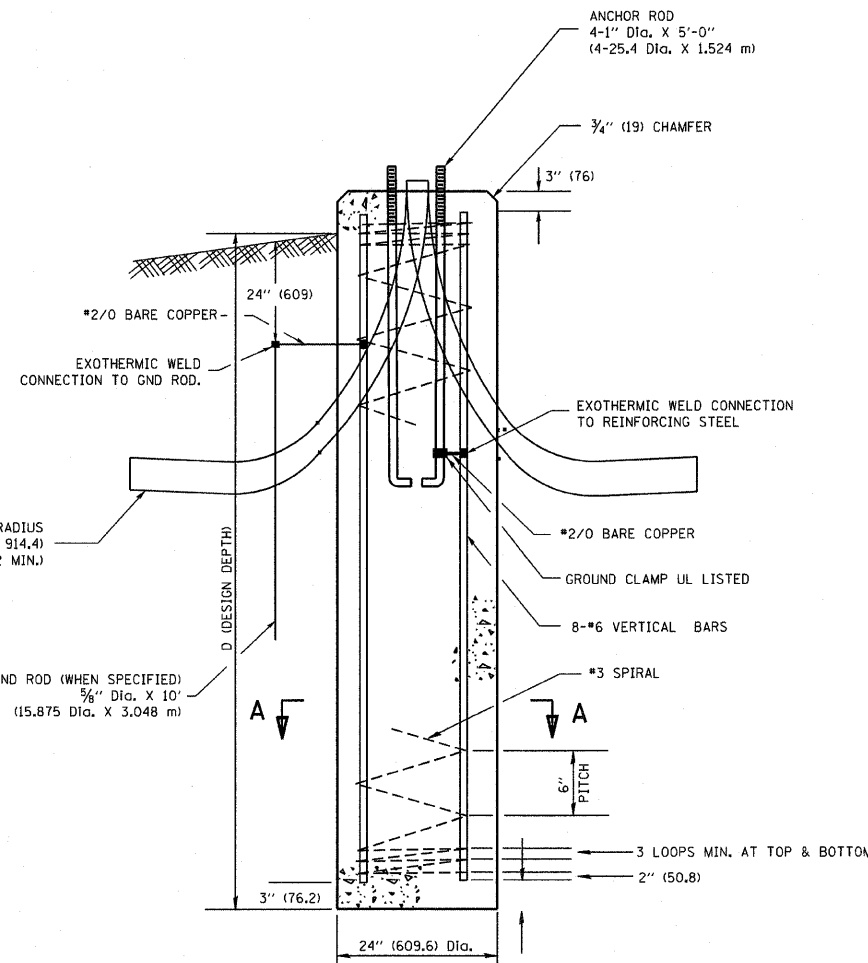
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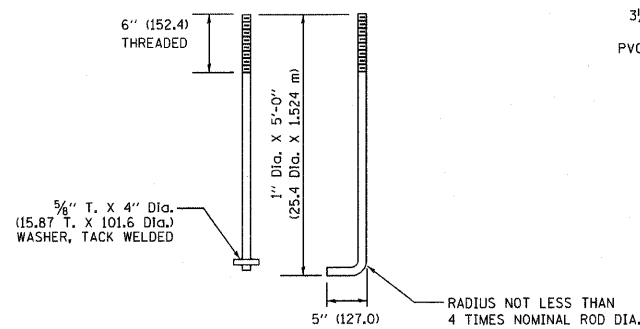
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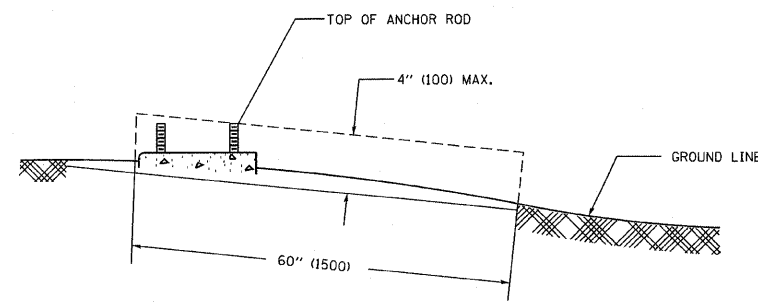
- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
- THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 100MM (4 IN.) ABOVE THE FINISHED GRADE WITHIN A 60 IN. (1.5M) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED, IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
- THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
- THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 3/4-IN. (20MM).
- THE CONCRETE SHALL BE CLASS S1. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UM(6 MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1136.
- THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES (150 MM) WITH A MINIMUM OF 3 INCHES (75 MM) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
- ANCHOR RODS SHALL PROJECT 2 3/4" (69.9MM) ABOVE THE TOP OF THE FOUNDATION. IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
- THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" (152.4MM) PITCH OR MAY SUBSTITUTE #3 TIES AT 12" (304.8MM) O.C. WITH THE APPROVAL OF THE ENGINEER.
- THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
- THE RACEWAYS SHALL PROJECT 1" (25.4MM) ABOVE THE TOP OF THE FOUNDATION.



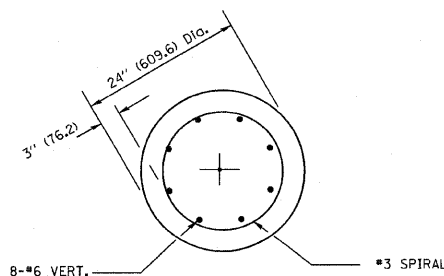
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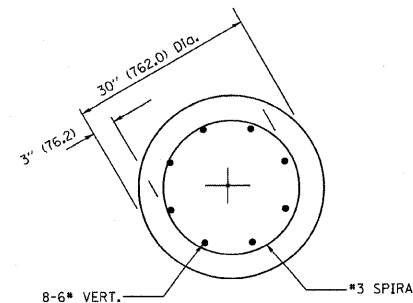
ANCHOR ROD DETAIL



FOUNDATION EXTENSION DETAIL



SECTION A-A



SECTION A-A

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NAME	DATE

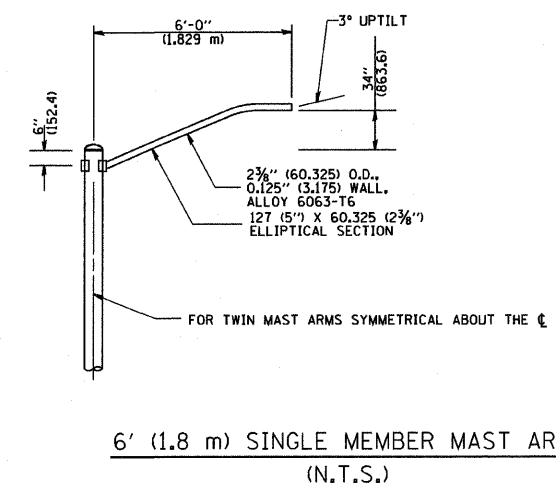
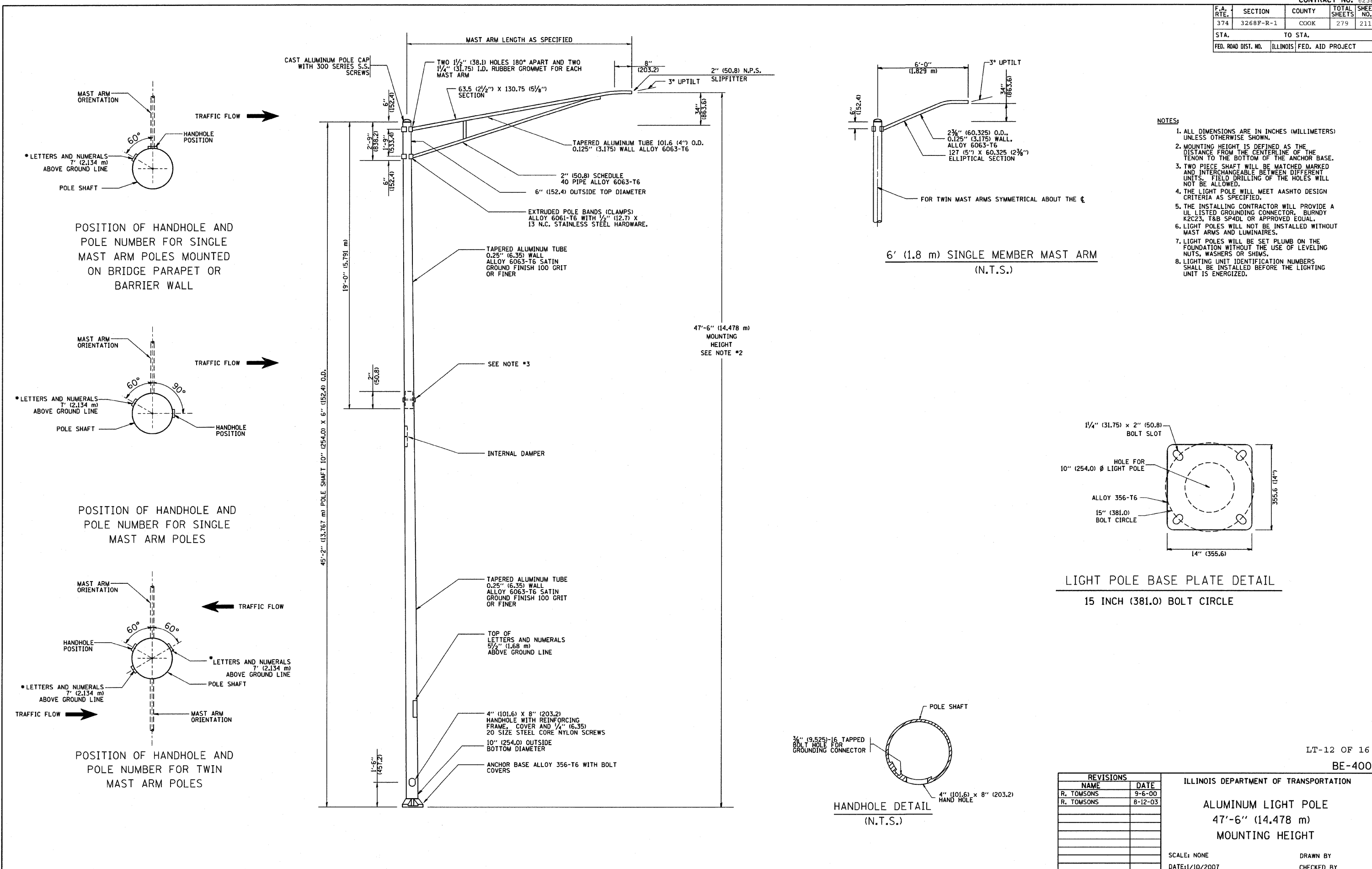
ILLINOIS DEPARTMENT OF TRANSPORTATION
LIGHT POLE FOUNDATION
40' (12.192M) TO 47 1/2' (14.478M) M.H.
15" (381) BOLT CIRCLE

SCALE: NONE
DATE: 1/9/2007

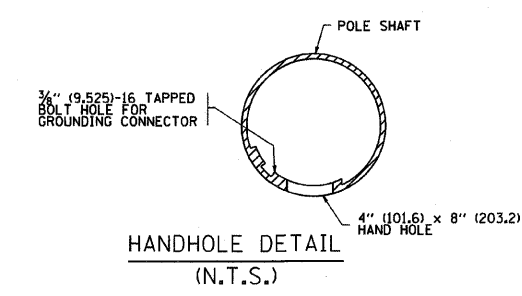
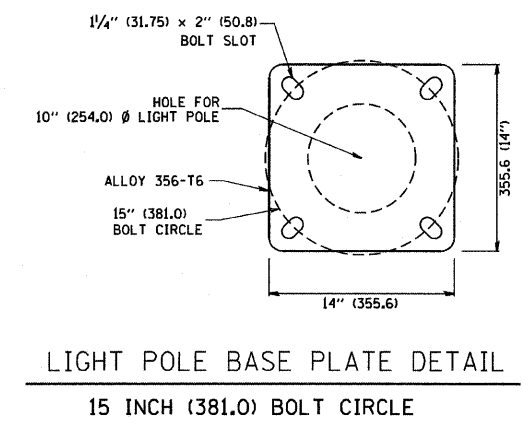
LT-11 OF 16
E-301

DRAWN BY
CHECKED BY
BE301
REVISION DATE: 01/01/07

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	211
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



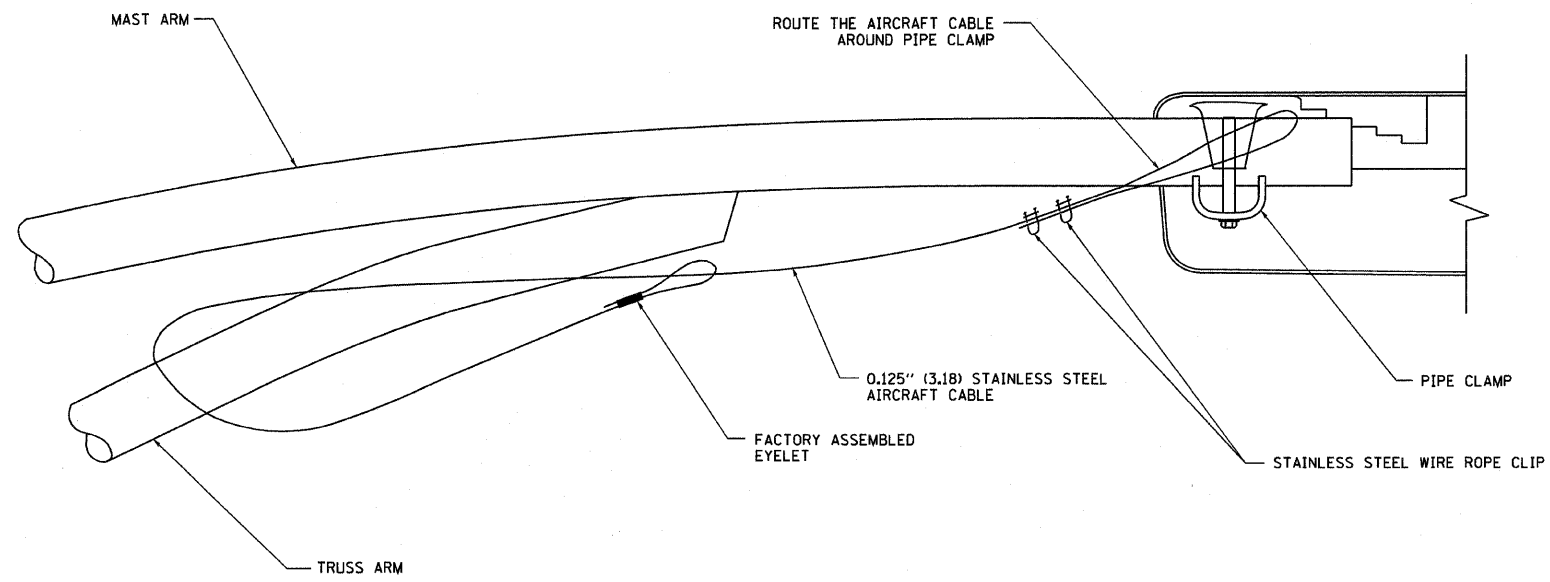
- NOTES:
- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
 - MOUNTING HEIGHT IS DEFINED AS THE DISTANCE FROM THE CENTERLINE OF THE TENON TO THE BOTTOM OF THE ANCHOR BASE.
 - TWO PIECE SHAFT WILL BE MATCHED MARKED AND INTERCHANGEABLE BETWEEN DIFFERENT UNITS. FIELD DRILLING OF THE HOLES WILL NOT BE ALLOWED.
 - THE LIGHT POLE WILL MEET AASHTO DESIGN CRITERIA AS SPECIFIED.
 - THE INSTALLING CONTRACTOR WILL PROVIDE A UL LISTED GROUNDING CONNECTOR, BURNDY K2C23, T&B SP4DL OR APPROVED EQUAL.
 - LIGHT POLES WILL NOT BE INSTALLED WITHOUT MAST ARMS AND LUMINAIRES.
 - LIGHT POLES WILL BE SET PLUMB ON THE FOUNDATION WITHOUT THE USE OF LEVELING NUTS, WASHERS OR SHIMS.
 - LIGHTING UNIT IDENTIFICATION NUMBERS SHALL BE INSTALLED BEFORE THE LIGHTING UNIT IS ENERGIZED.



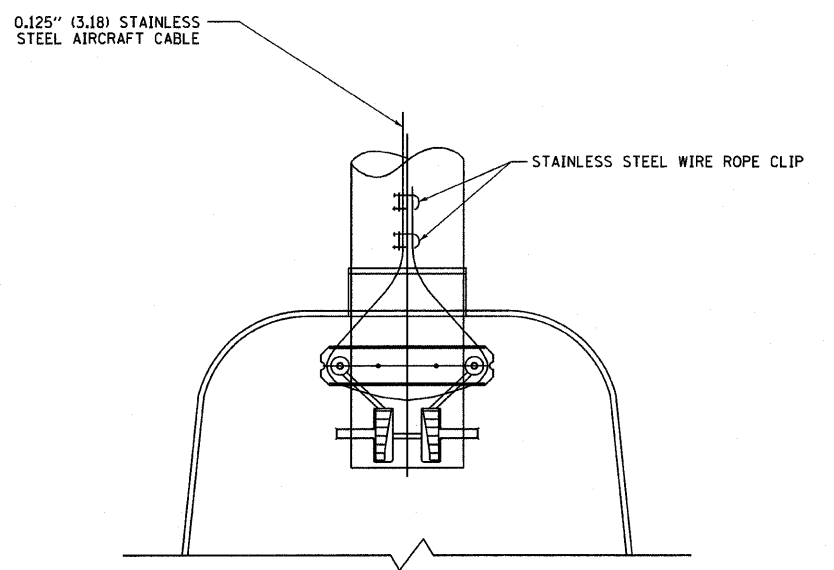
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE		
R. TOMSONS	9-6-00	ALUMINUM LIGHT POLE 47'-6" (14.478 m) MOUNTING HEIGHT	
R. TOMSONS	8-12-03		
SCALE: NONE		DRAWN BY	
DATE: 1/10/2007		CHECKED BY	
		BE-400	

PLOT DATE = 1/10/2007
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 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = jhrchhd

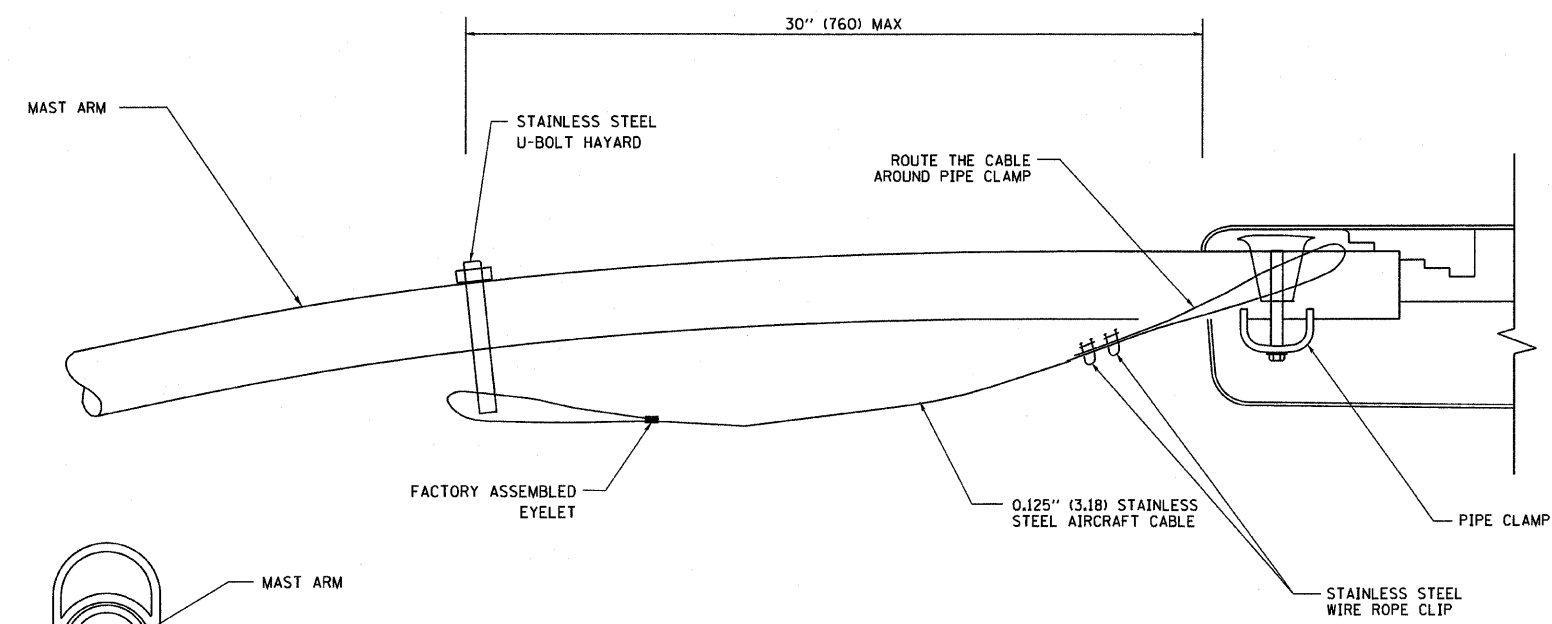
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	212
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



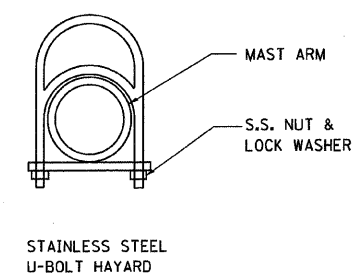
SIDE VIEW (TRUSS ARM)
N.T.S.



BOTTOM VIEW
N.T.S.



SIDE VIEW (SINGLE MEMBER OR DAVIT ARM)
N.T.S.



STAINLESS STEEL U-BOLT HAYARD

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN
2. CONTRACTOR SHALL ADJUST THE WIRE CLIP TO ELIMINATE ANY SLACK FROM THE WIRE ROPE.
3. THE 0.125" (3.18) STAINLESS STEEL AIRCRAFT CABLE SHALL REMAIN VISIBLE FROM THE GROUND LEVEL
4. THE BREAKING STRENGTH OF THE CABLE SHALL BE 1700 LBS. MIN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

LUMINAIRE SAFETY
CABLE ASSEMBLY

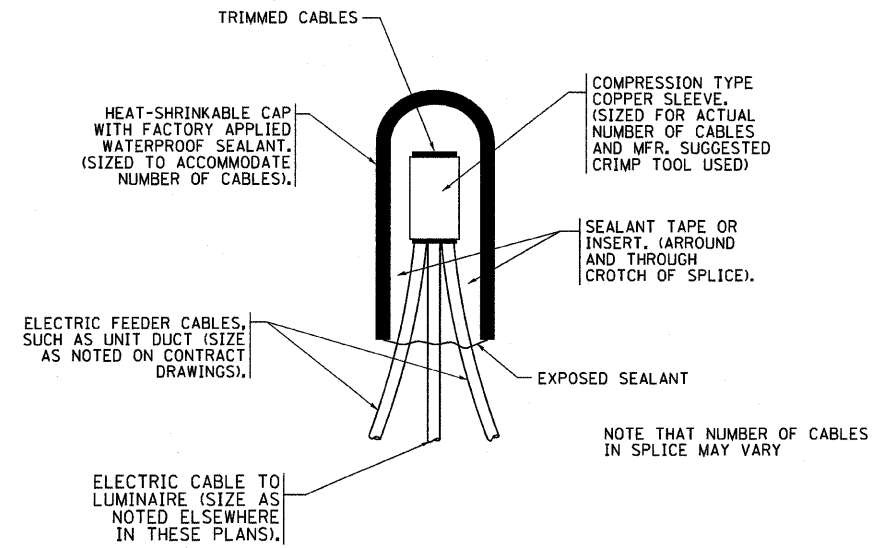
SCALE: VERT. 1/8" = 1'-0"
HORIZ. 1/4" = 1'-0"
DATE: 1/17/2007

DRAWN BY
CHECKED BY
BE-701

REVISION DATE: 01/01/07

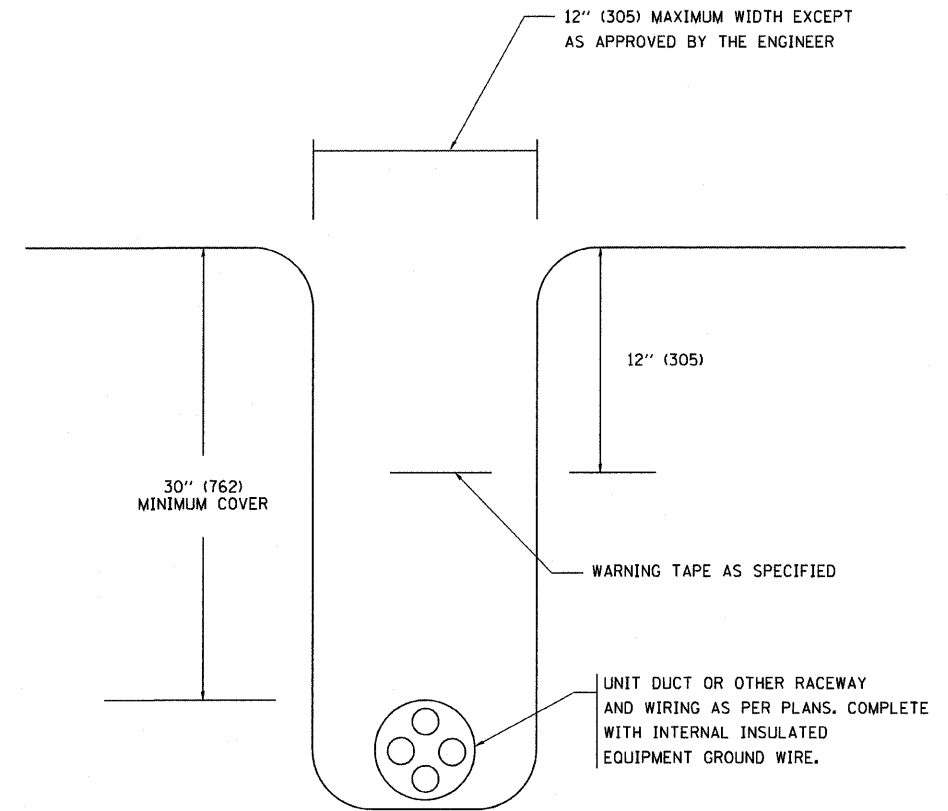
PLOT DATE = 1/17/2007
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USER NAME = jlr\ehkd

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



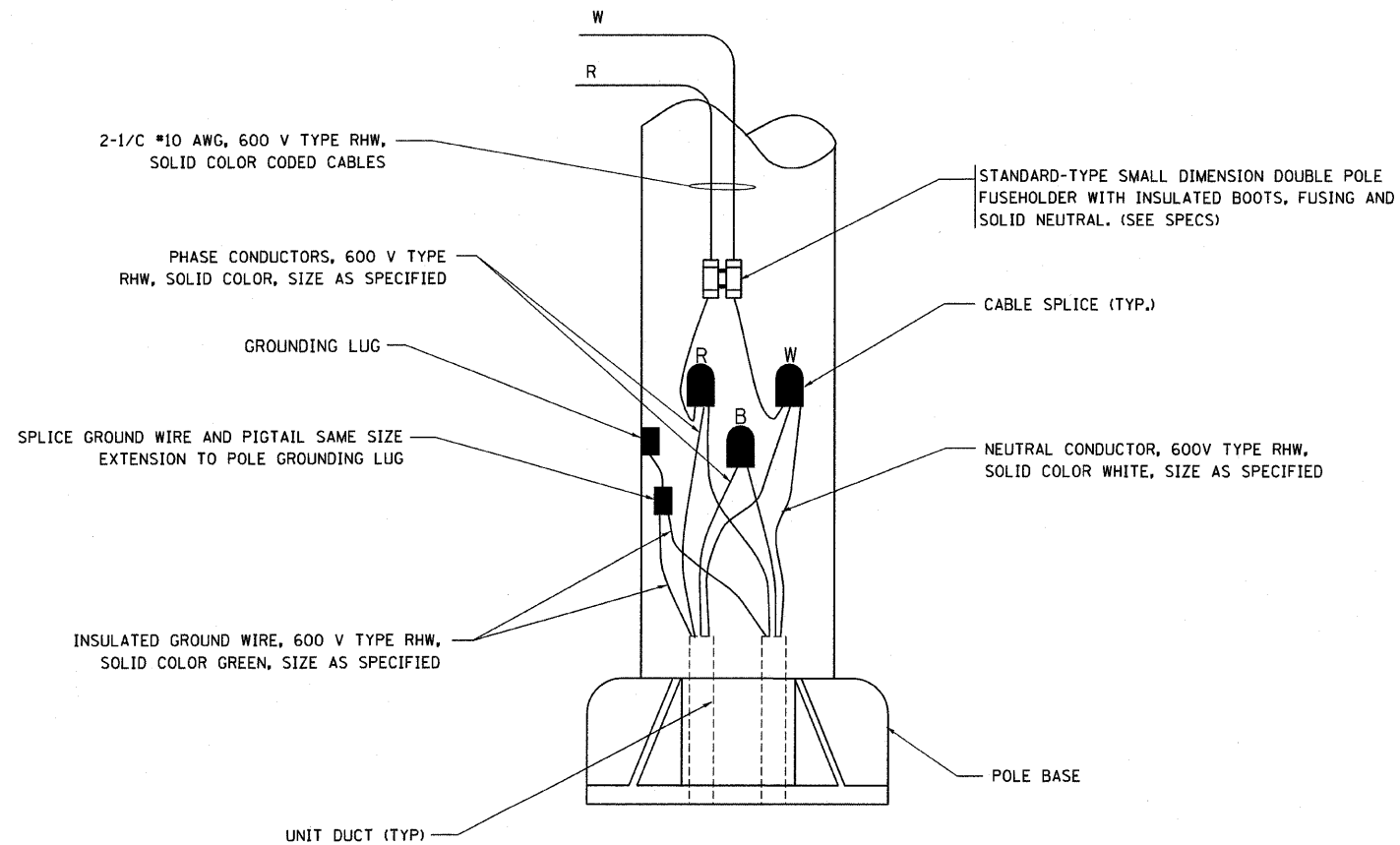
TYPICAL SPLICE DETAIL

N.T.S.



TYPICAL WIRING IN TRENCH DETAIL

N.T.S.



POLE WIRING DETAIL

N.T.S.

PLOT DATE = 1/18/2007
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 PLOT SCALE = 58.800 / IN.
 USER NAME = geglennob

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

MISC. ELECTRICAL DETAILS
 SHEET A

SCALE: VERT. / HORIZ.
 DATE: 1/18/2007

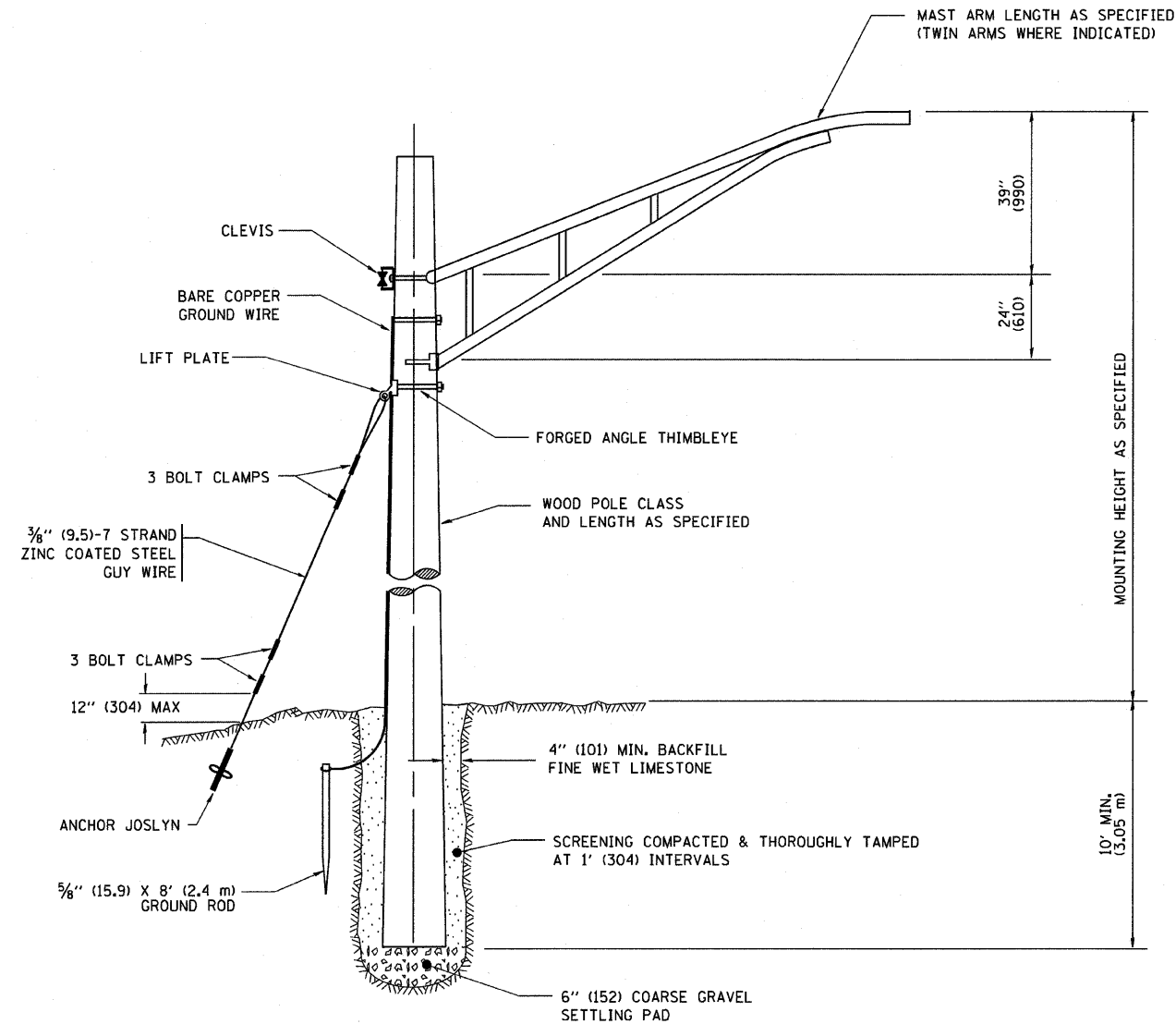
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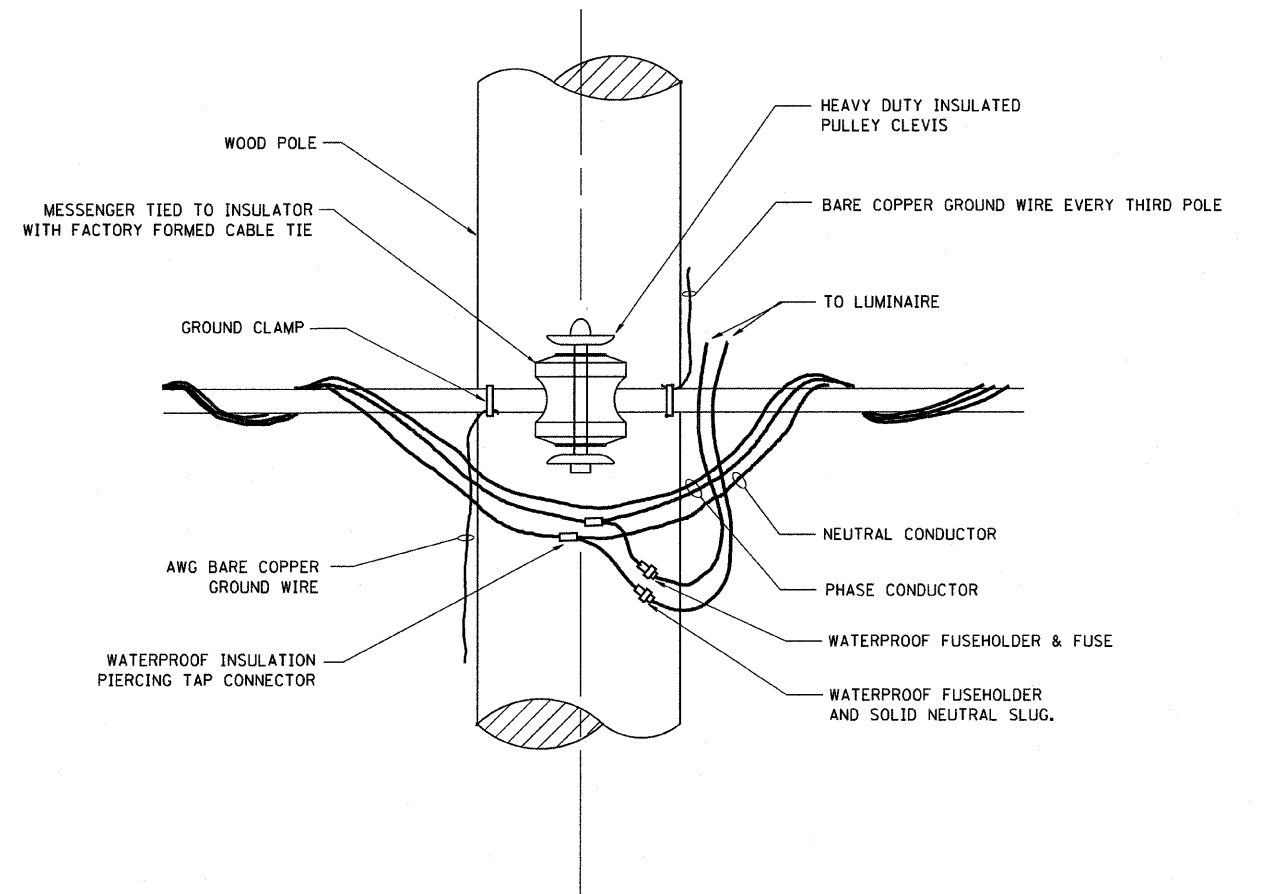
BE-702

REVISION DATE: 01/01/07

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	214
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



TEMPORARY LIGHT POLE DETAIL



TEMPORARY LIGHT POLE ATTACHMENT DETAIL

NOTES:

1. ALL DIMENSIONS IN INCHES (MILLIMETERS) UNLESS OTHERWISE INDICATED

PLOT DATE = 1/17/2007
 FILE NAME = c:\p00\p00\p00\p00\p00.dgn
 PLOT SCALE = 50.000 / IN.
 USER NAME = jhrehkd

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY LIGHT POLE
 DETAILS

SCALE: VERT.
 HORIZ.
 DATE: 1/17/2007

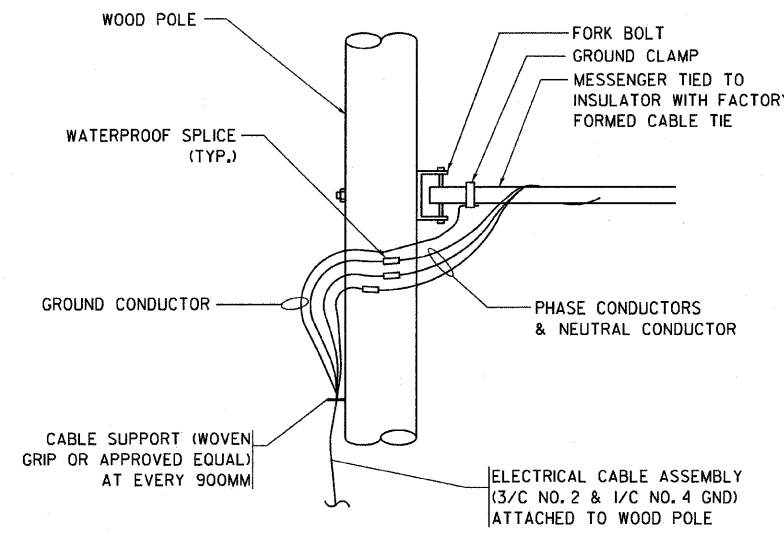
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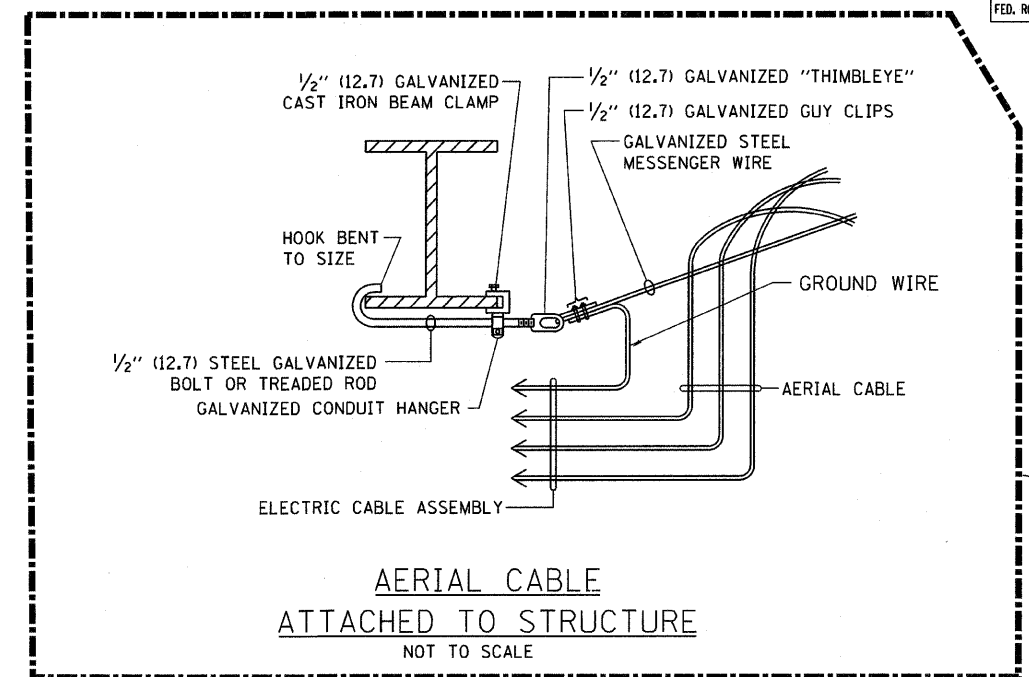
BE-800

REVISION DATE: 01/01/07

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	32687-R-1	COOK	279	215
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



AERIAL CABLE CONNECTION DETAIL
N.T.S.

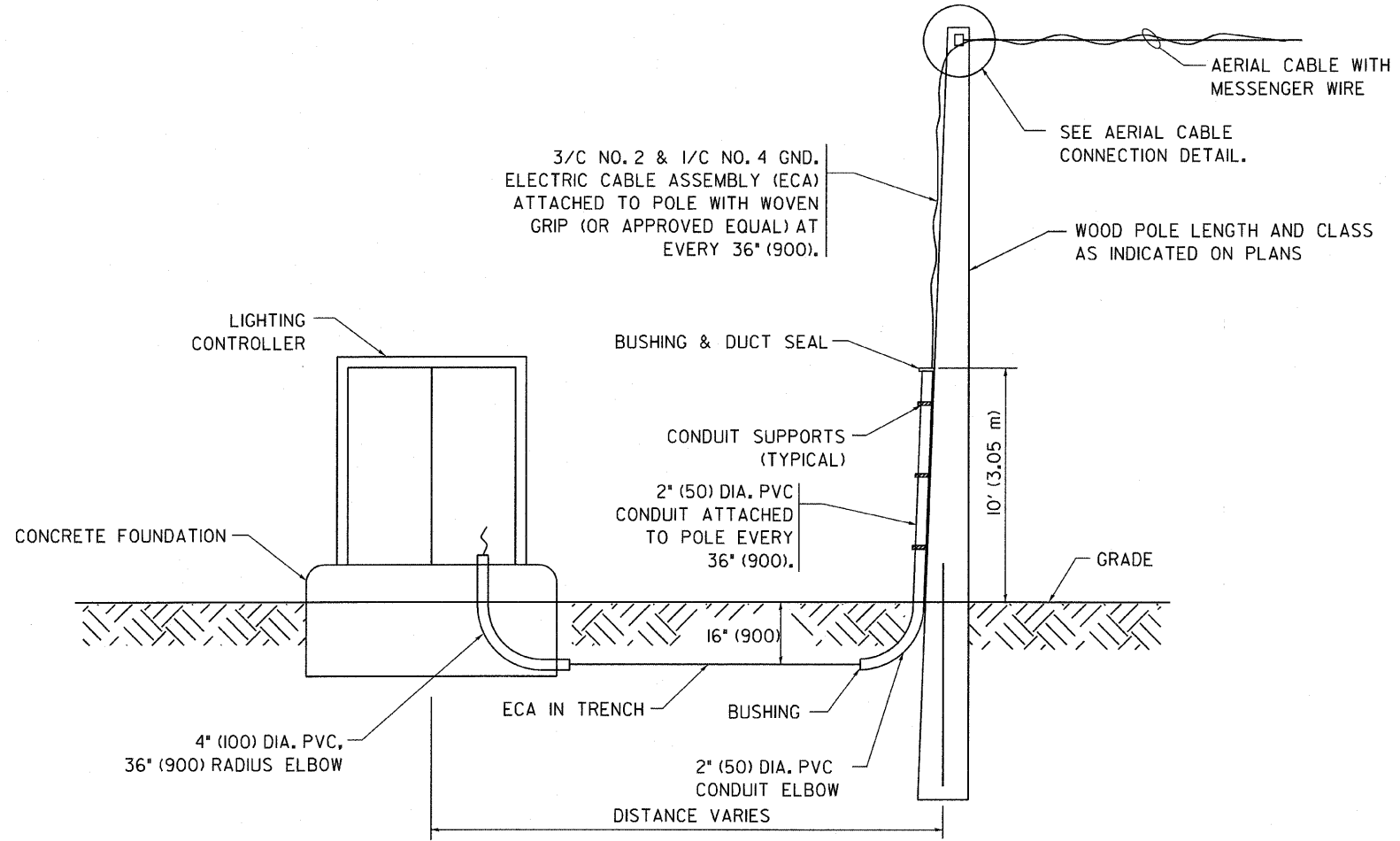


AERIAL CABLE ATTACHED TO STRUCTURE
NOT TO SCALE

NOT USED FOR THIS PROJECT

NOTES:

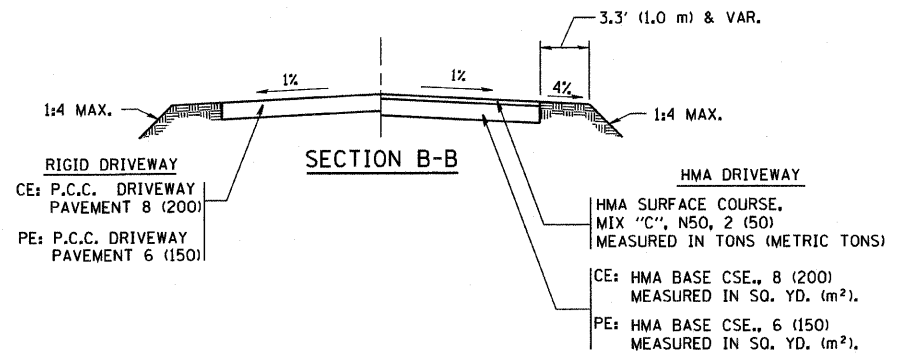
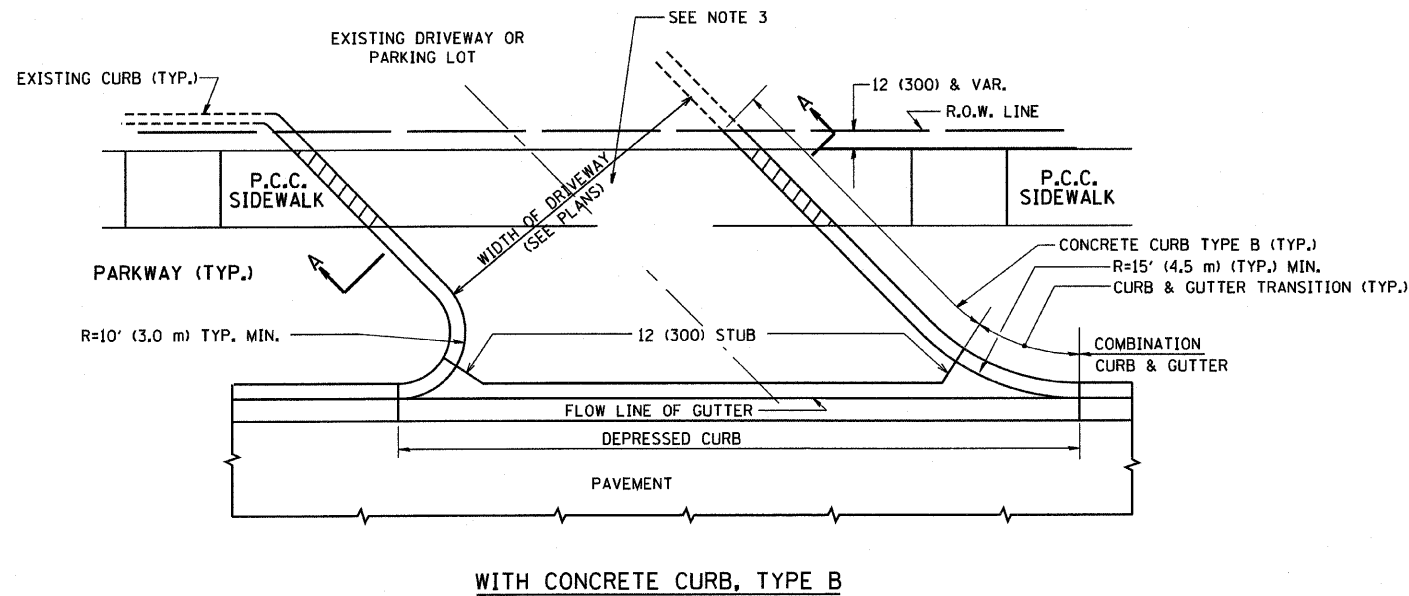
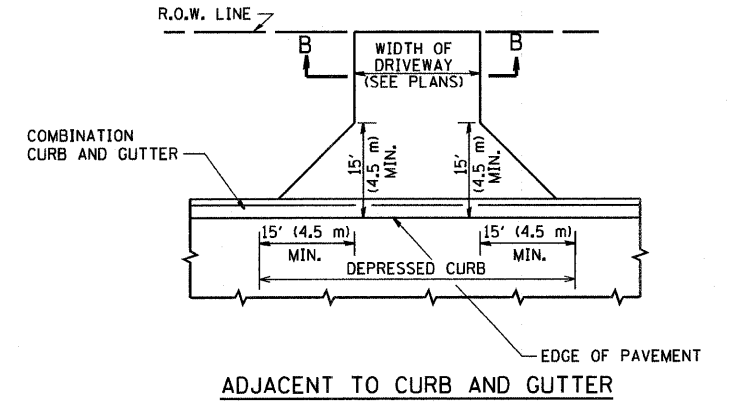
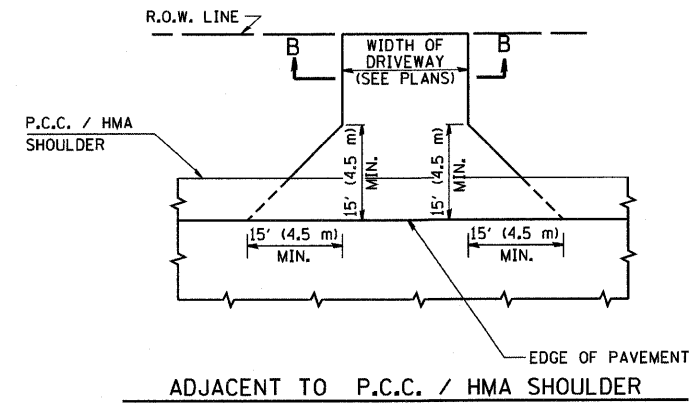
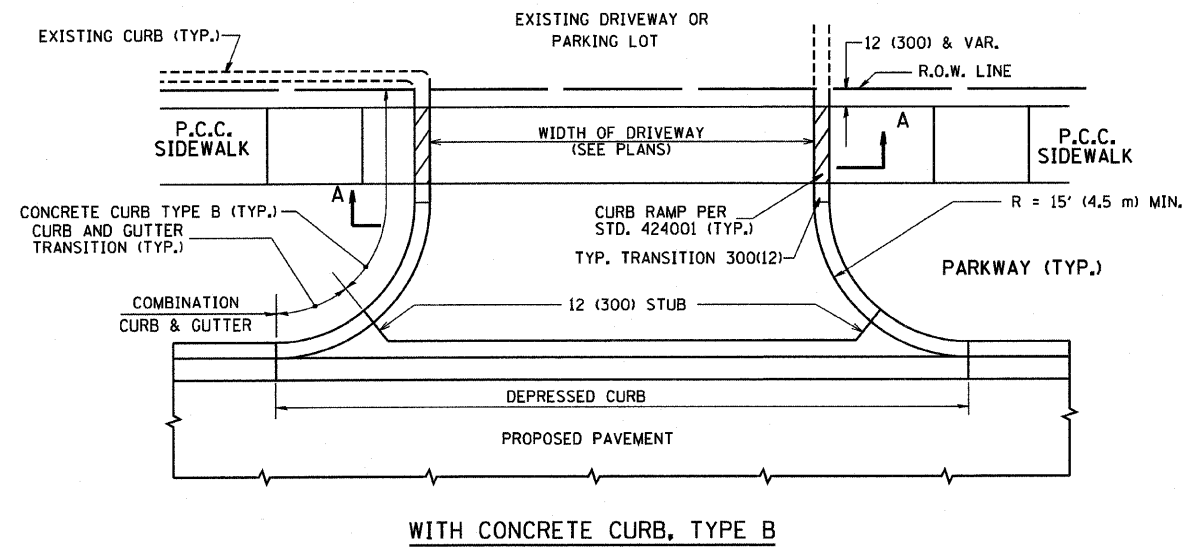
1. ALL DIMENSIONS IN INCHES (MILLIMETERS) UNLESS OTHERWISE INDICATED.
2. SEE PROPOSED LIGHTING PLAN FOR CONDUIT, CABLE AND ROUTING.
3. THE CONTRACTOR SHALL PROVIDE INTERMEDIATE SUPPORTS TO MAINTAIN MINIMUM CLEARANCES. REFER TO AERIAL AERIAL CABLE ATTACHED TO STRUCTURE DETAIL.
4. COST OF SPLICES AND MOUNTING HARDWARE SHALL BE INCLUDED IN THE UNIT PRICE FOR AERIAL CABLE.



WOOD POLE TO LIGHTING CONTROLLER WIRING CONNECTION DETAIL
N.T.S.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
SCALE: VERT.		DRAWN BY
HORIZ.		
DATE: 1/17/2007		CHECKED BY
		BE-801
		REVISION DATE: 01/01/07

PLT DATE = 1/17/2007
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PLOT SCALE = 50.000" / 1"
USER NAME = utrahkd



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. (m²).

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.

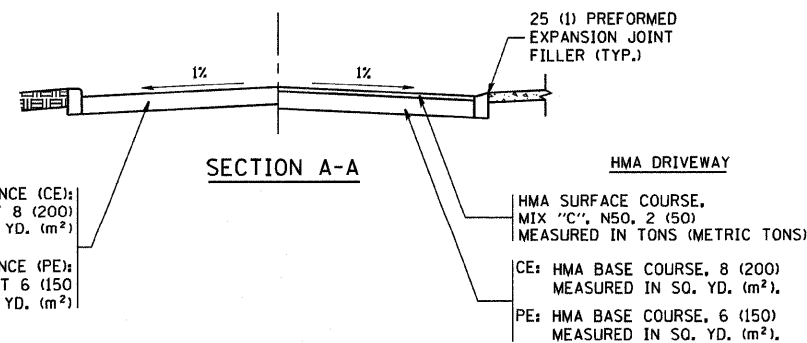
COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

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.



FILE NAME = W:\distatd\22x34\bd01.dgn

USER NAME = geglionobt

PLOT SCALE = 50.0000' / IN.

PLOT DATE = 1/4/2008

DESIGNED - R. SHAH

DRAWN -

CHECKED -

DATE - 11-04-95

REVISED - T. HOLTZ 04-08-97

REVISED - M. GOMEZ 04-06-01

REVISED - P. LoFLUER 04-15-03

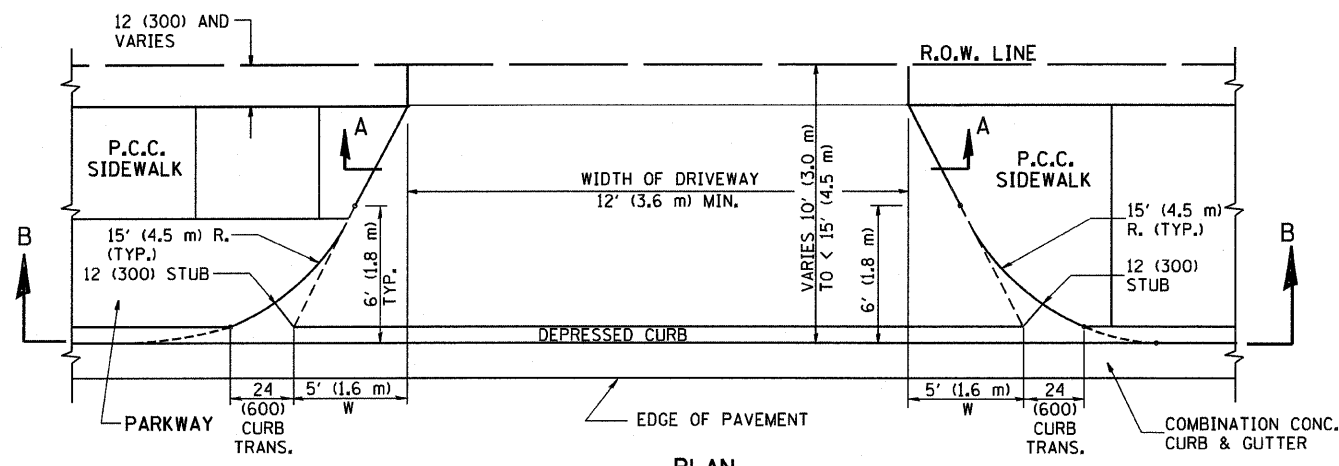
REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

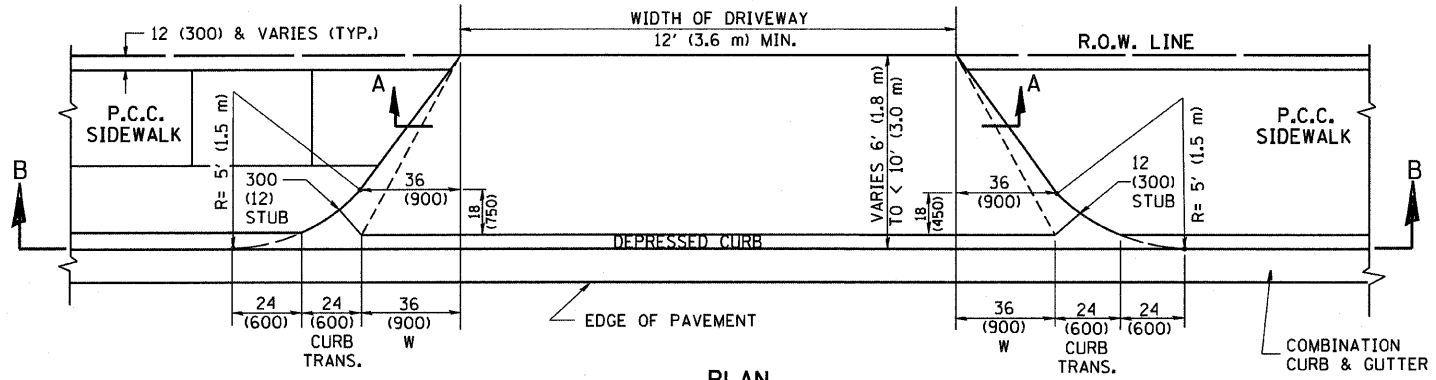
DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

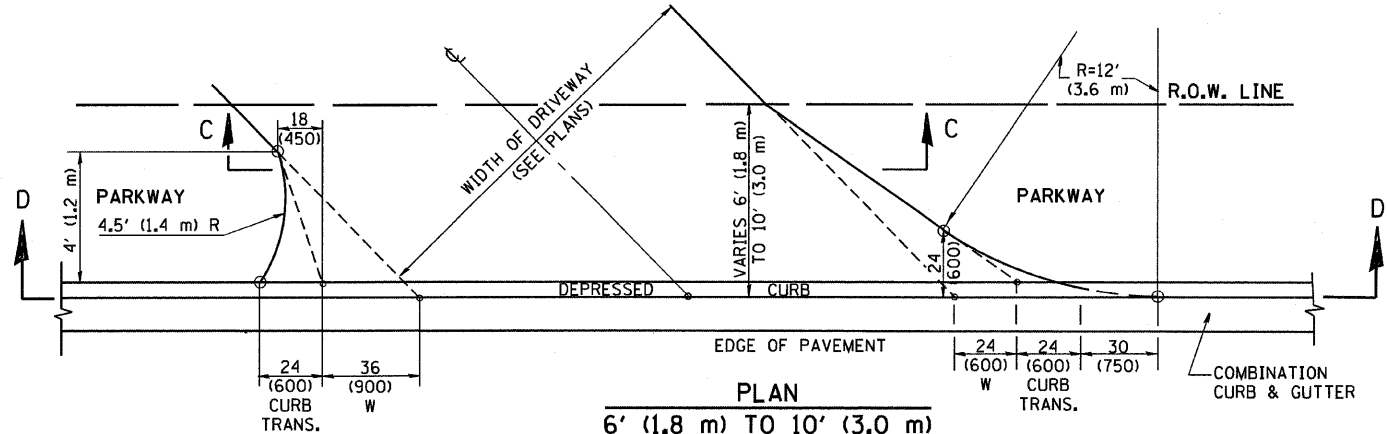
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	216
BD0156-07 (BD-01)		CONTRACT NO. 62387		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



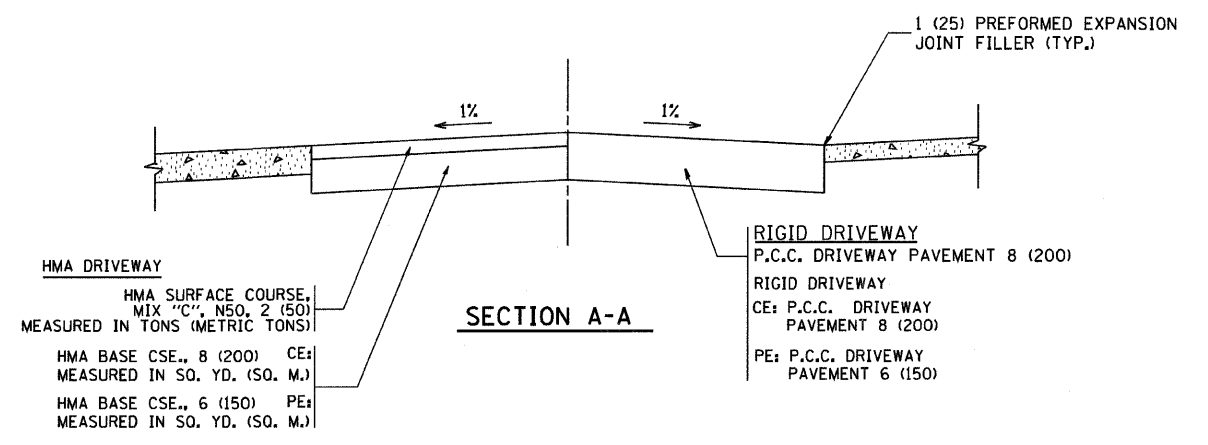
PLAN
10' (3.0 m) TO < 15' (4.5 m)



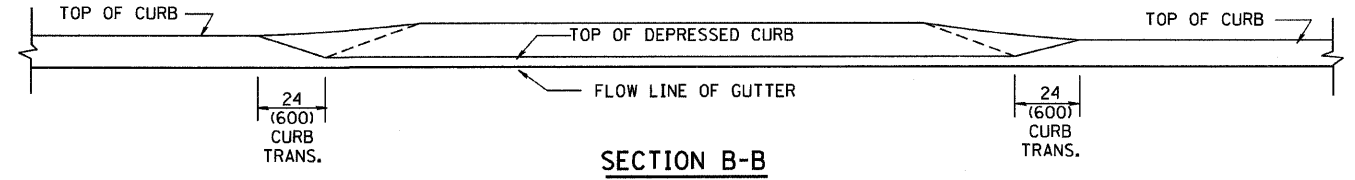
PLAN
6' (1.8 m) TO < 10' (3.0 m)



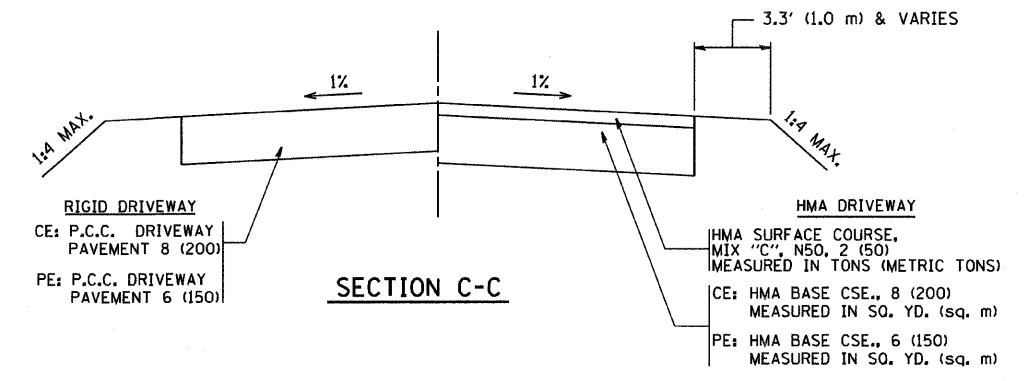
PLAN
6' (1.8 m) TO 10' (3.0 m)



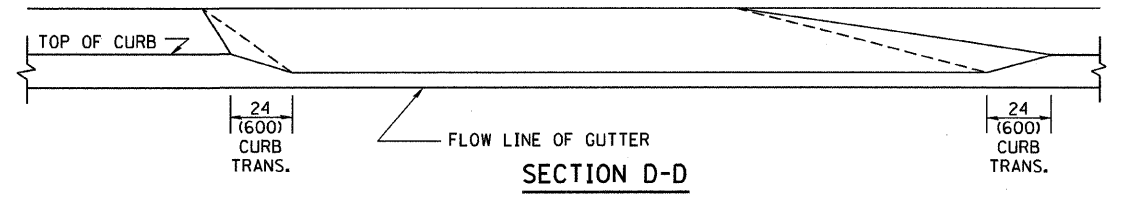
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

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 ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF 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.

THE 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.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

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W:\diststd\22x34\bd02.dgn

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PLOT SCALE = 50.0000' / IN.
PLOT DATE = 1/4/2008

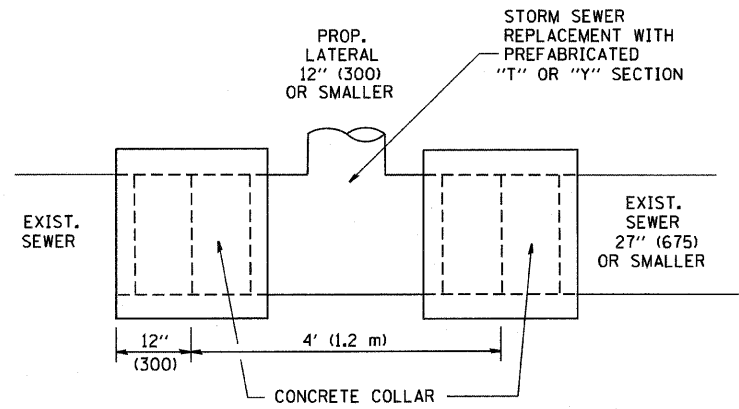
DESIGNED - R. SHAH
DRAWN -
CHECKED -
DATE - 11-06-95

REVISED - T. HOLTZ 04-08-97
REVISED - M. GOMEZ 04-06-01
REVISED - P. LAFLEUR 04-15-03
REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

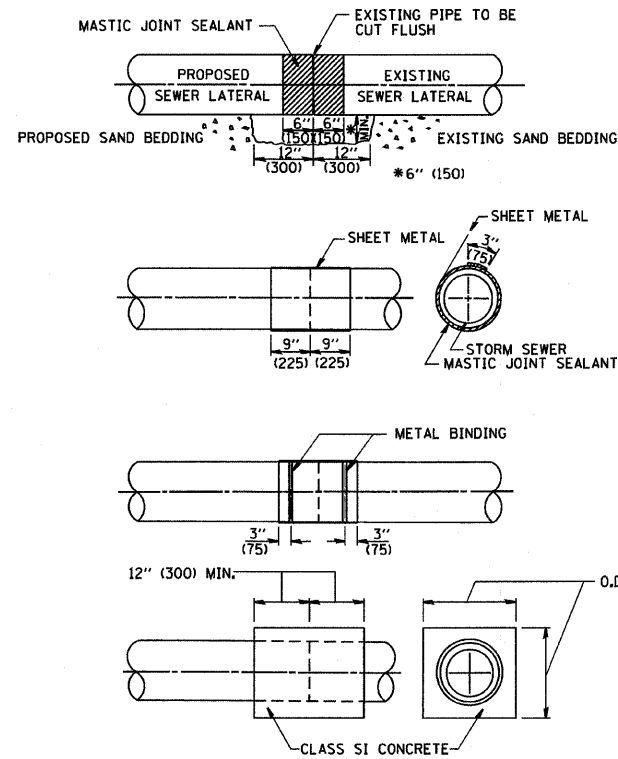
DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	217
BD400-02 (BD-02)			CONTRACT NO. 62387	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



DETAIL "A"

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

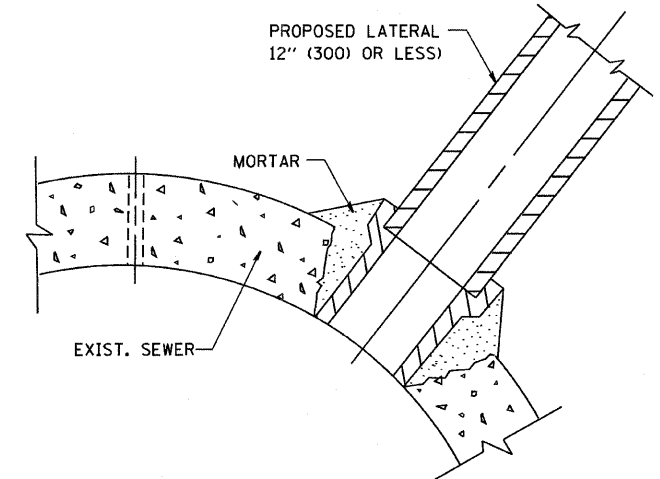


DETAIL "B"

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 I.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE 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 OZZES 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.

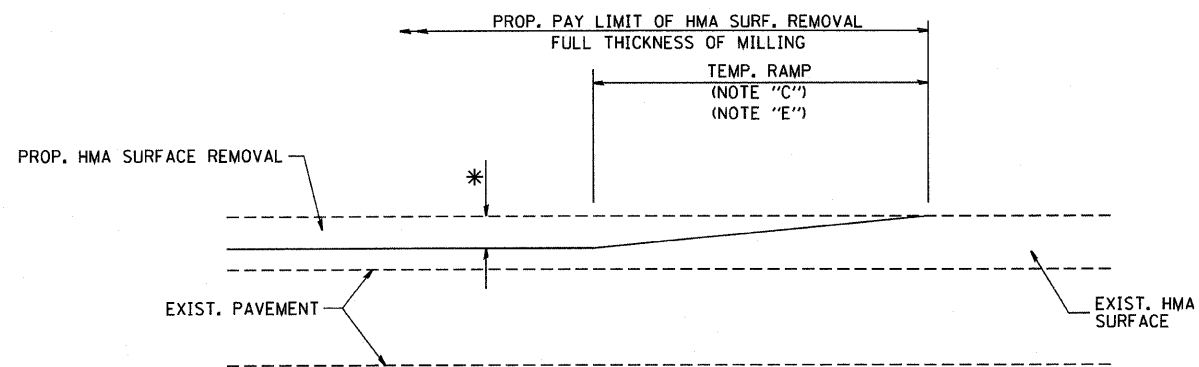
REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

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 FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

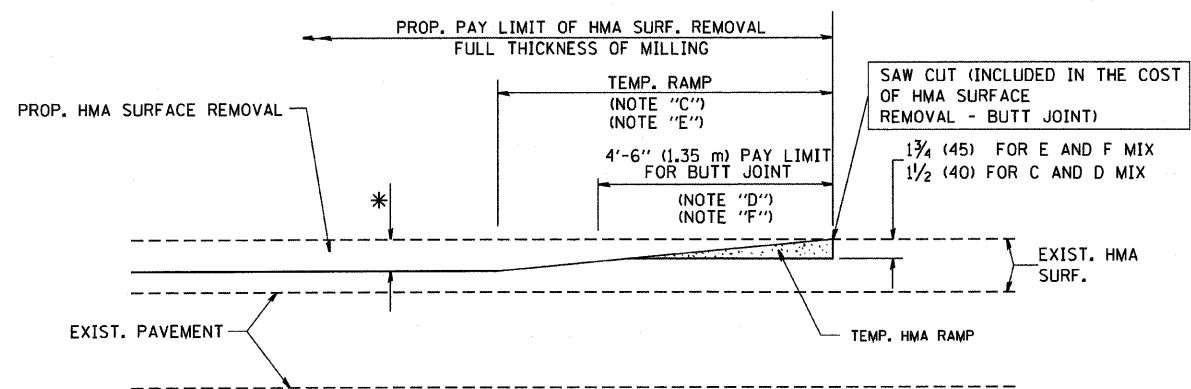
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\bd07.dgn	USER NAME = goglienobt	DESIGNED - M. DE YONG	REVISED - M. DE YONG 05-08-92	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER			F.A. RTE. = 374	SECTION = 3268F-R-1	COUNTY = COOK	TOTAL SHEETS = 279	SHEET NO. = 218
	PLOT SCALE = 60.000' / IN.	CHECKED -	REVISED - R. SHAH 09-09-94		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	BD500-01 (BD-7)		CONTRACT NO. 62387		
	PLOT DATE = 1/4/2008	DATE = 07-25-90	REVISED - R. SHAH 10-25-94									
			REVISED - R. SHAH 06-12-96		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

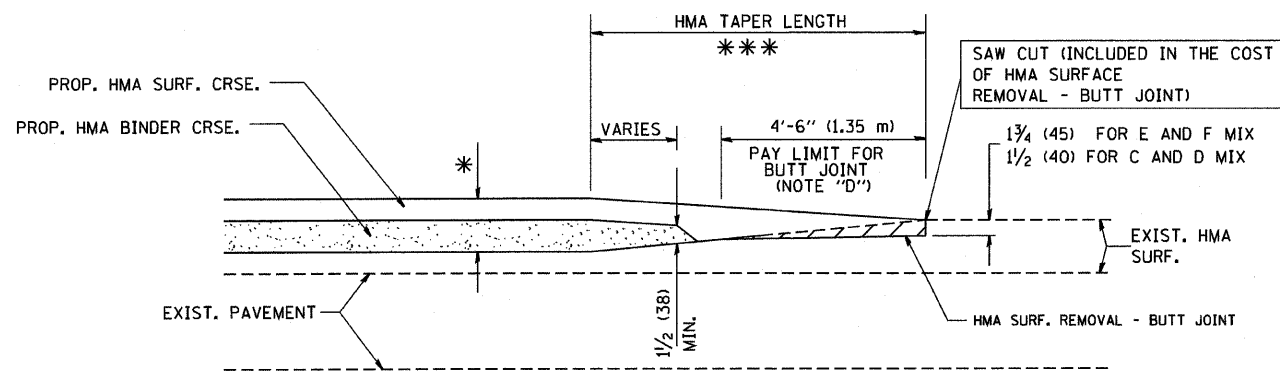
OPTION 1



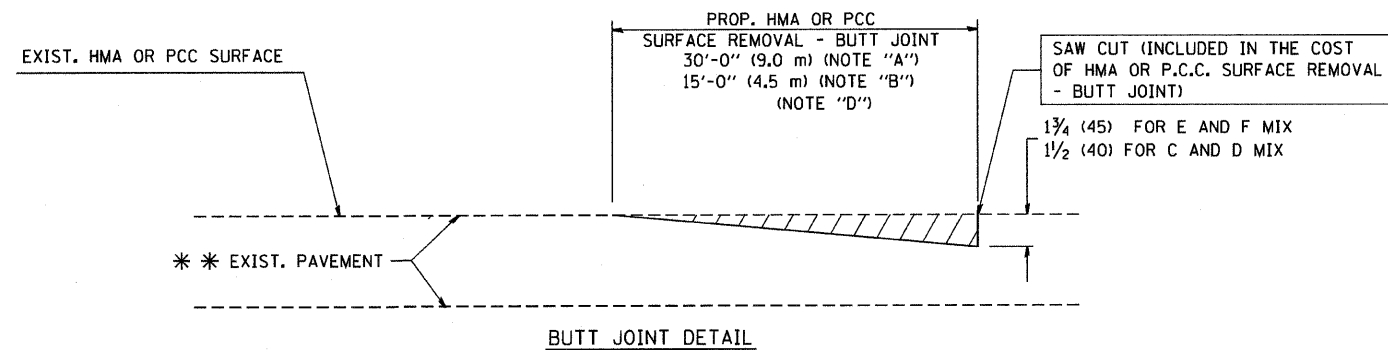
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

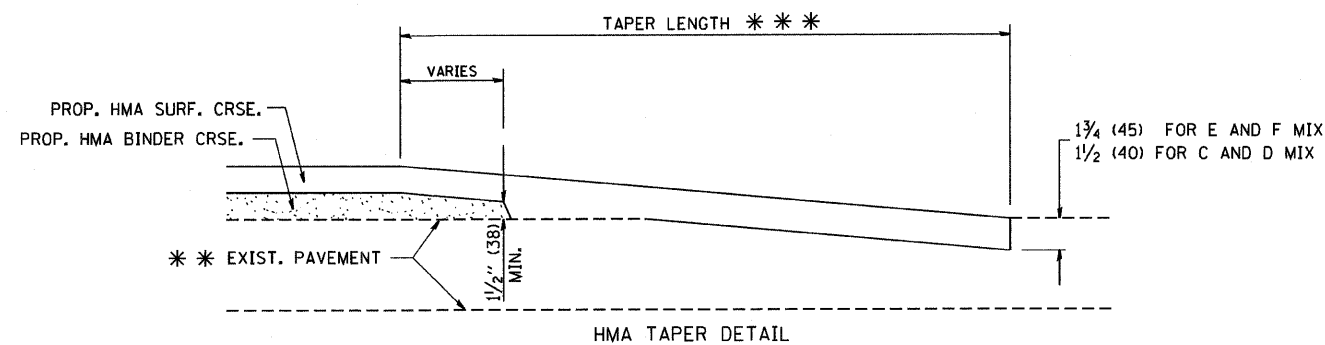
TYPICAL TEMPORARY RAMP



**TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING**



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")

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".

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

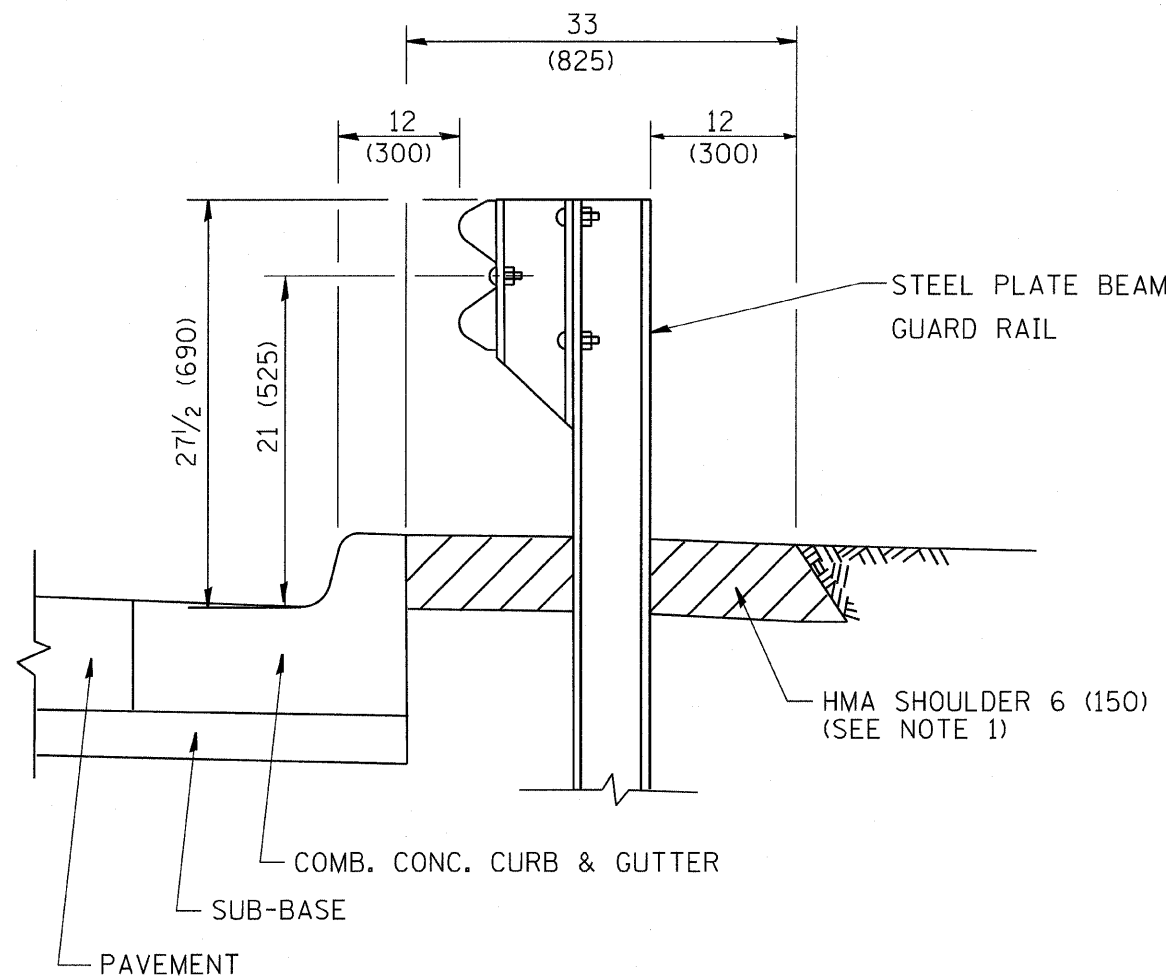
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		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE. = 374	SECTION = 3268F-R-1	COUNTY = COOK	TOTAL SHEETS = 279	SHEET NO. = 219
BD400-05 BD32		CONTRACT NO. 62387		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

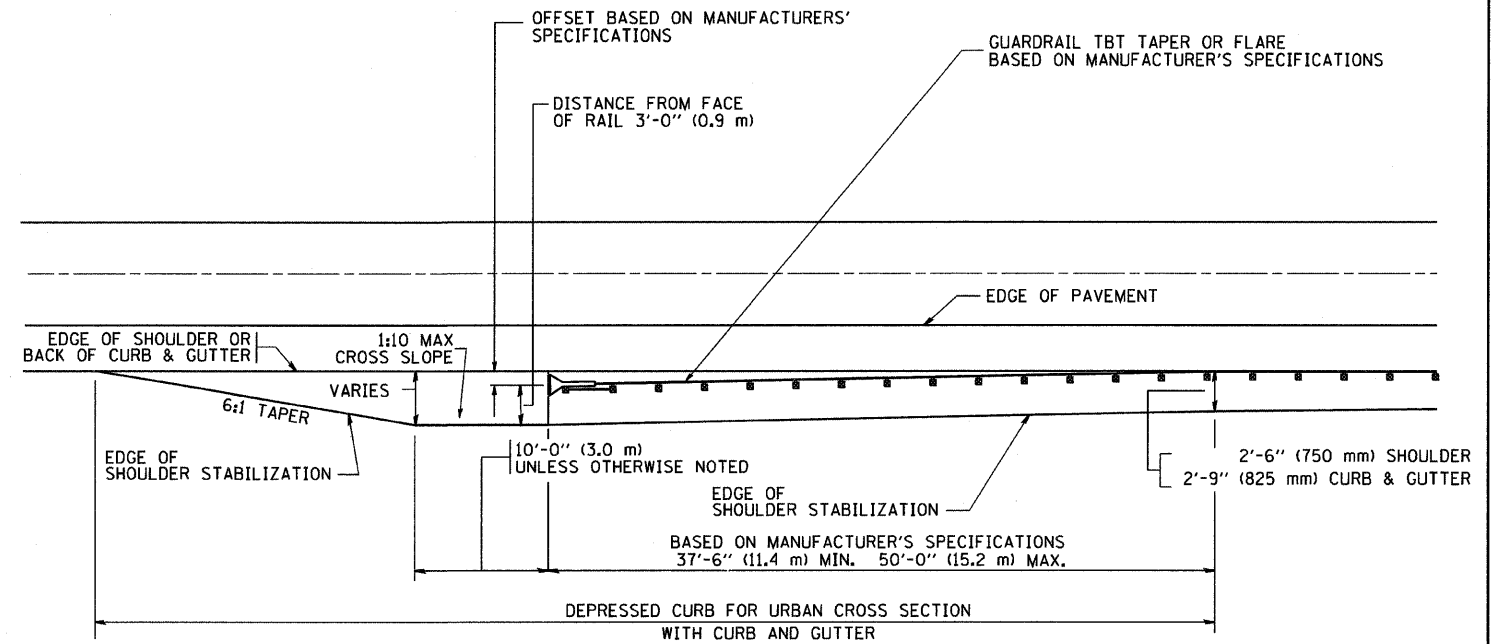


- NOTES: 1. THE HMA SHOULDER SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL
2. GUARD RAIL MAY BE PLACED AT THE BACK OF CURB WHEN DIRECTED BY THE ENGINEER.

BASIS OF PAYMENT: HMA SHOULDER 6 (150) WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SHOULDER 6" (150 mm)".

STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

**DETAILS FOR STEEL PLATE BEAM
GUARD RAIL ADJACENT TO CURB AND GUTTER
[FOR ROADWAY SPEED 35 MPH (60 kmh) TO 45 MPH (70 kmh)]**



STABILIZATION AT TBT TY. 1 SPL.

TBT = TRAFFIC BARRIER TERMINAL
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

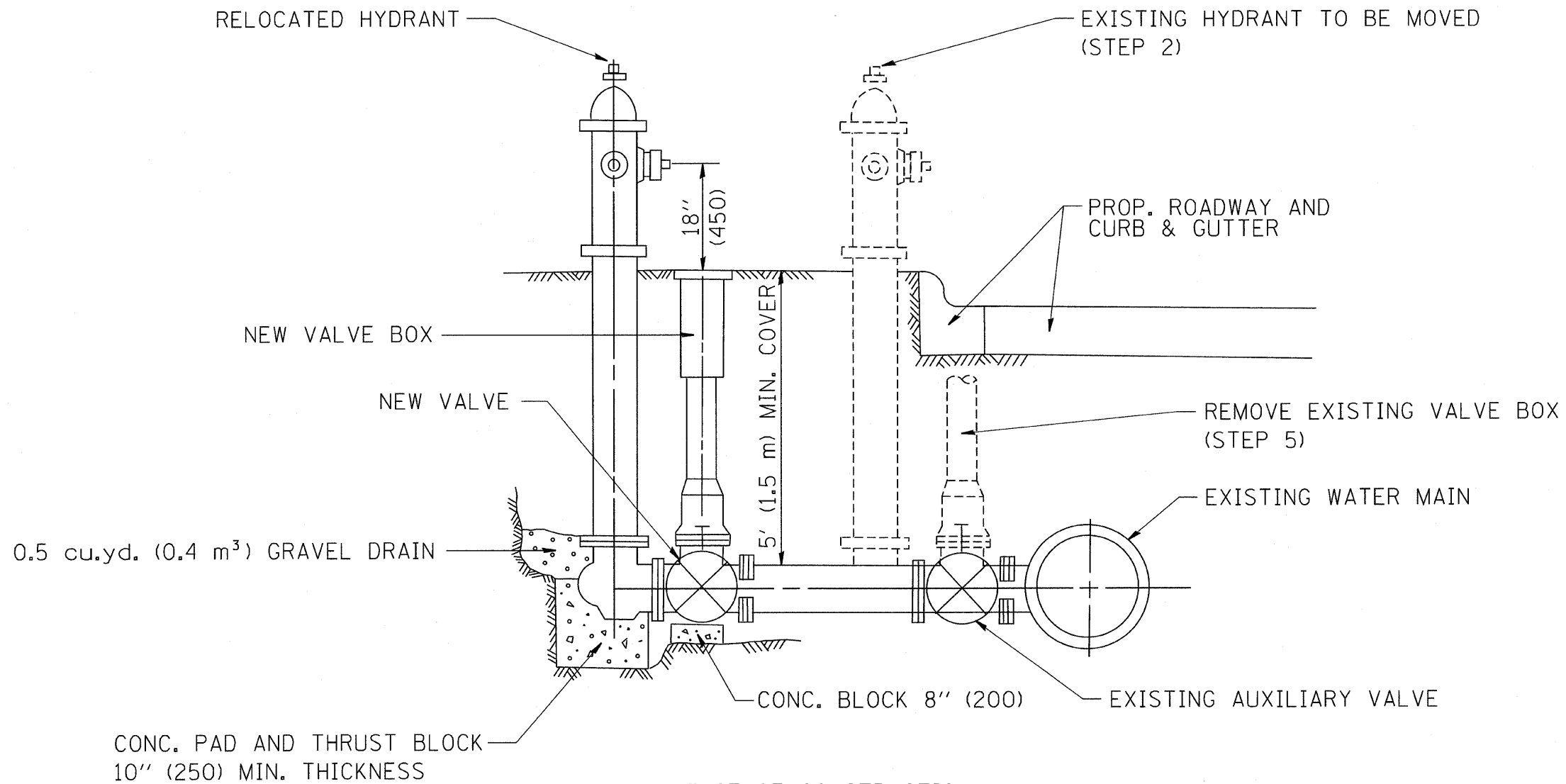
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		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - E. GOMEZ 08-28-00
	PLOT DATE = 1/4/2008	DATE - 09-22-90	REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR STEEL PLATE BEAM GUARD RAIL ADJACENT
TO CURB AND GUTTER STABILIZATION AT TBT TY 1 SPL.

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE. 374	SECTION 3268F-R-1	COUNTY COOK	TOTAL SHEETS 279	SHEET NO. 220
BD600-10 (BD 34)			CONTRACT NO. 62387	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



SEQUENCE OF CONSTRUCTION:

1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

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

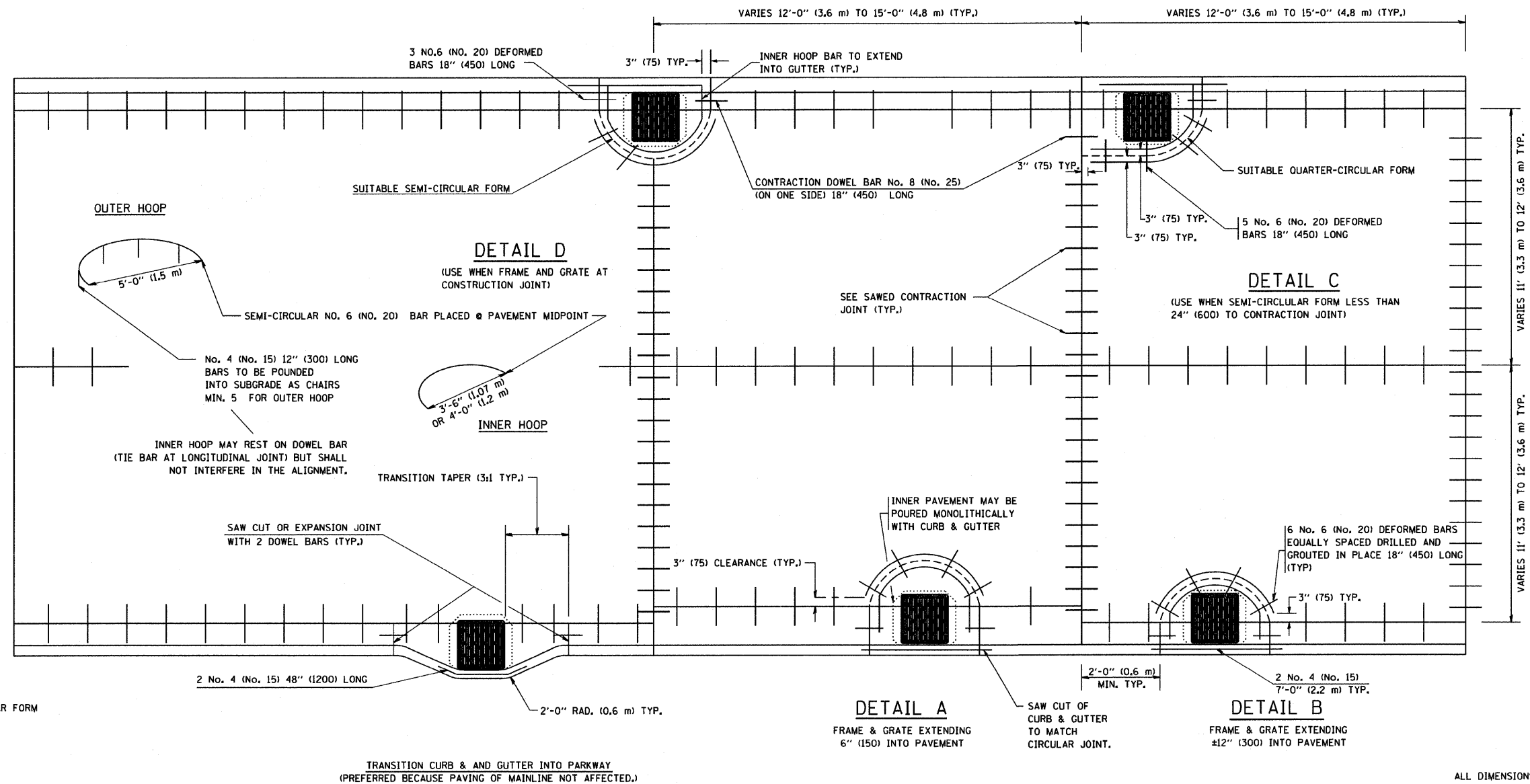
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	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - R. SHAH 10-25-94					374	3268F-R-1	COOK	279	221
PLOT DATE = 1/4/2000	DATE -	REVISED -	REVISED -	SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BD-36		CONTRACT NO. 62387		
								FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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"

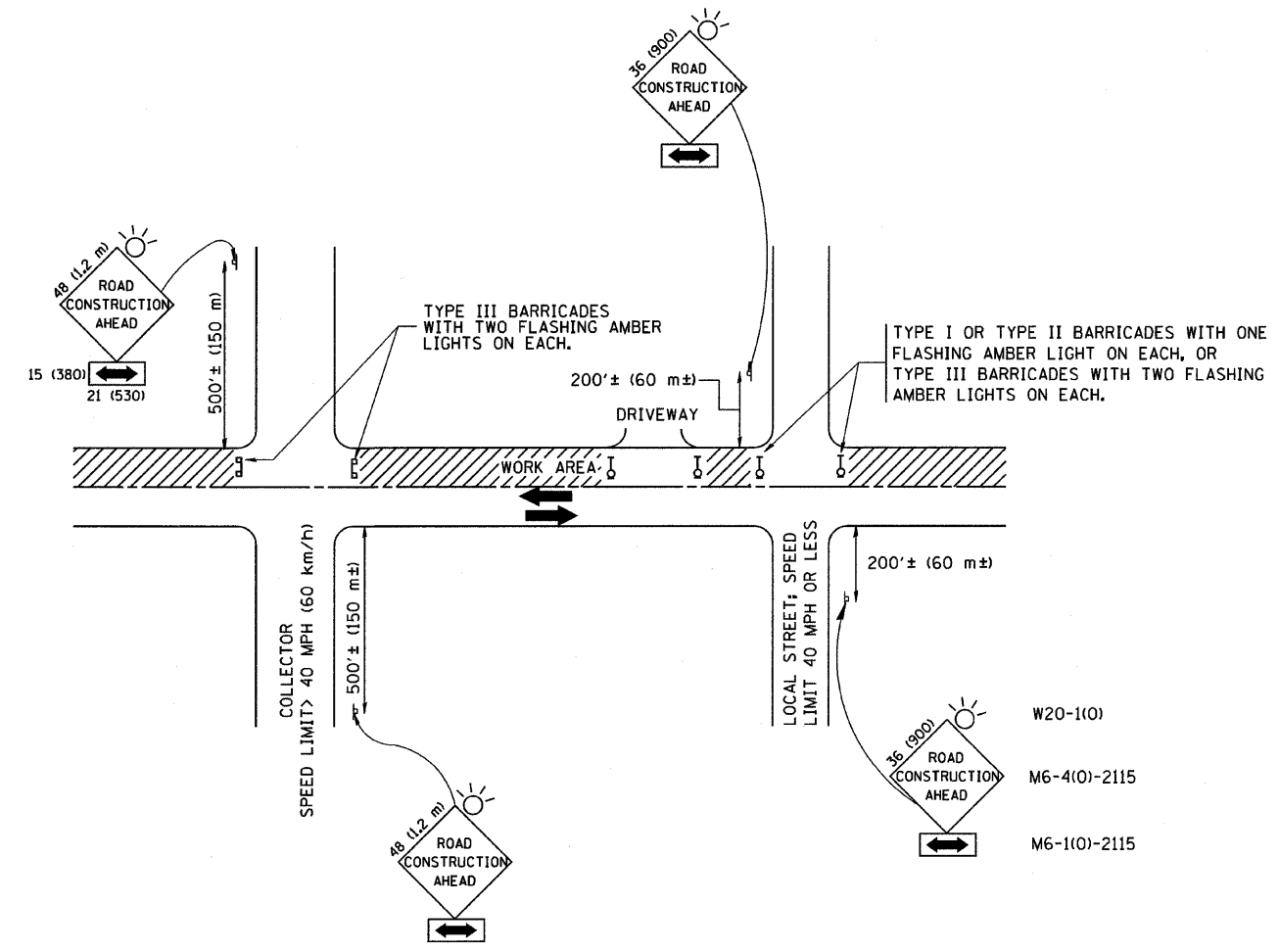
NOTES:

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.



ALL DIMENSIONS ARE IN INCHES
(MILLIMETERS) UNLESS OTHERWISE NOTED

FILE NAME = W:\diststd\22x34\bd48.dgn	USER NAME = geglionbt	DESIGNED - A. ABBAS	REVISED - T. MATOUSEK 08-28-00	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER			F.A. RTE. = 374	SECTION = 3268F-R-1	COUNTY = COOK	TOTAL SHEETS = 279	SHEET NO. = 222
	PLOT SCALE = 50.0000' / IN.	DRAWN - TOM MATOUSEK	REVISED - T. MATOUSEK 10-02-00		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	BD-48				
	PLOT DATE = 1/4/2008	CHECKED - A. ABBAS	REVISED - T. MATOUSEK 04-25-02		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE - 01-04-99	REVISED - P. LAFLEUR 08-27-02		CONTRACT NO. 62387							



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

NOTES:

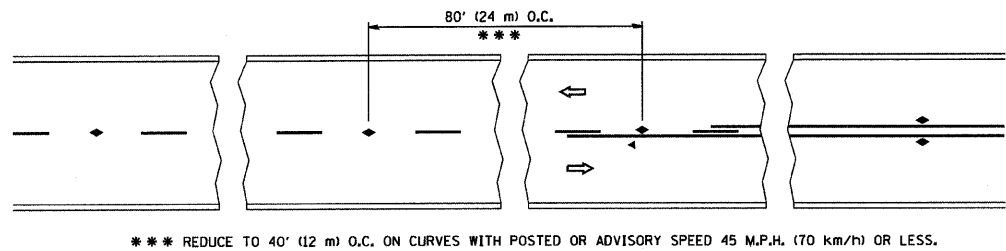
- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN 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.

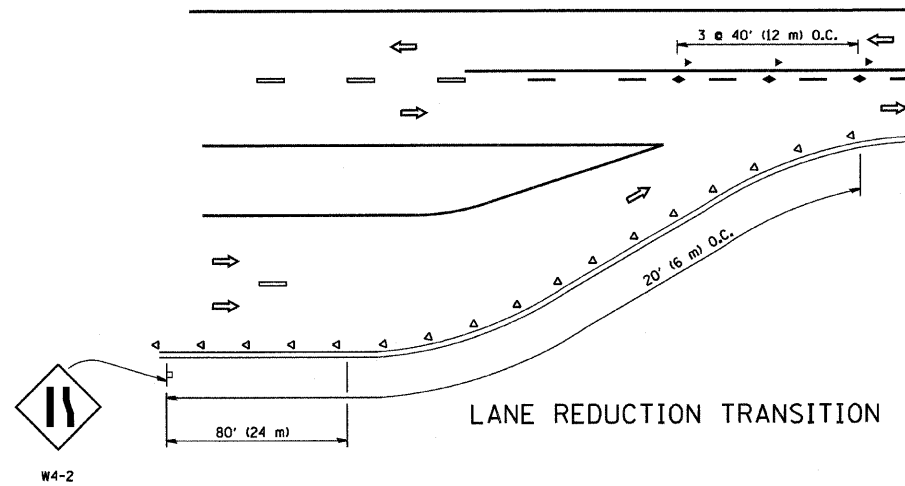
 - C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
 - D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

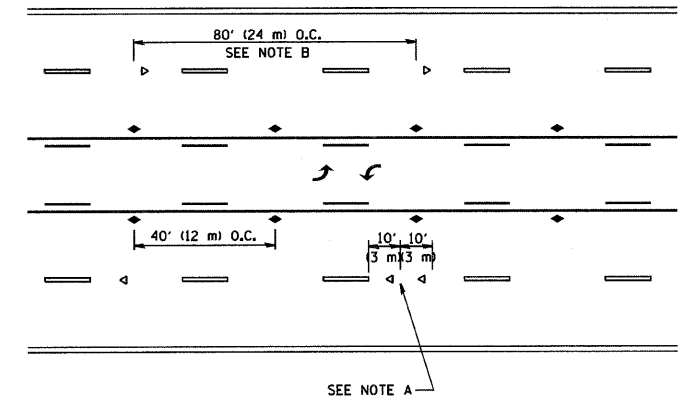
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	PLOT SCALE = 50.000 / IN.	CHECKED -	REVISED - A. HOUSEH 03-06-96					TC-10		CONTRACT NO. 62387		
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	



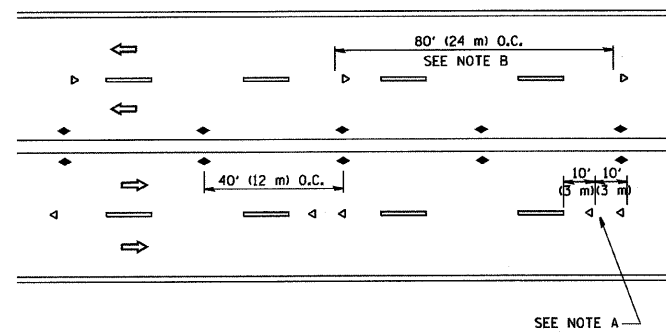
TWO-LANE/TWO-WAY



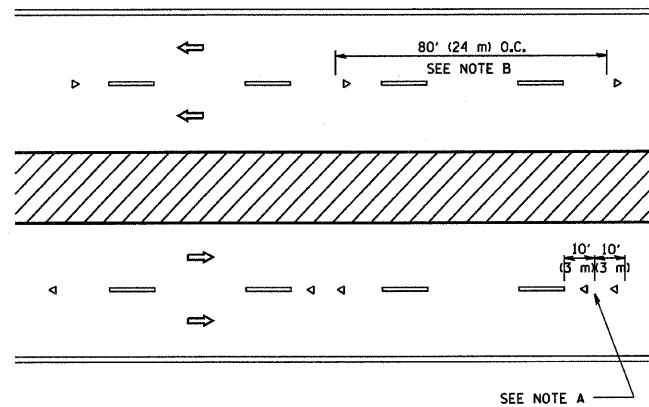
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

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.

SYMBOLS

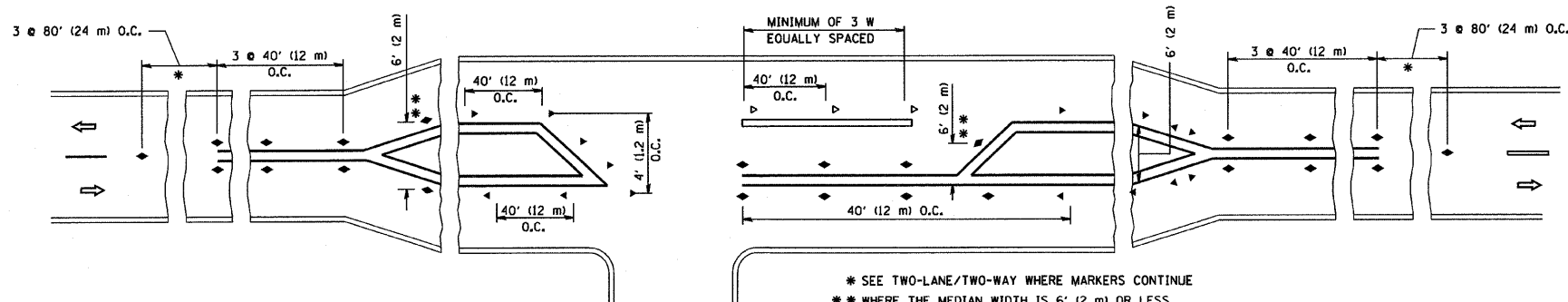
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.

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.



LEFT TURN

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

FILE NAME = W:\distsd\22x34\tc11.dgn

USER NAME = geglionobt
 PLOT SCALE = 50.000 / IN.
 PLOT DATE = 1/4/2008

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

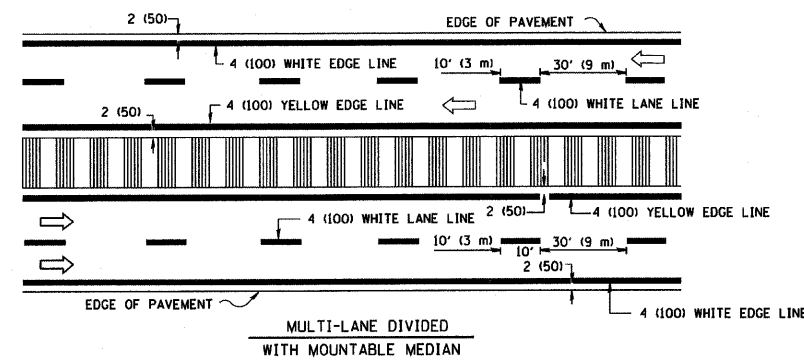
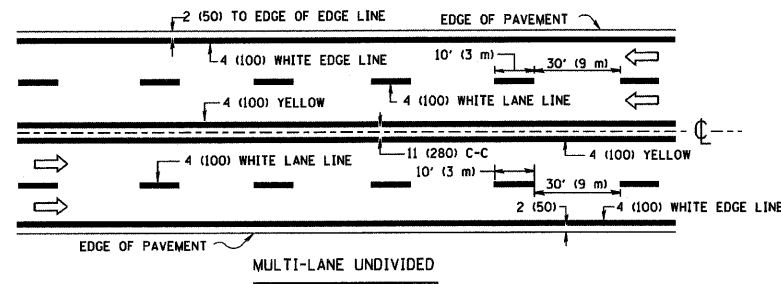
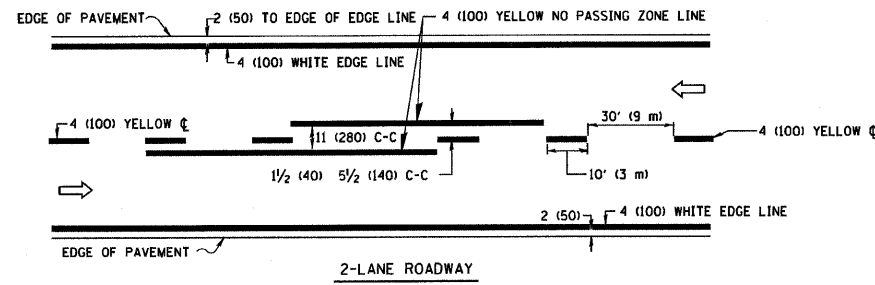
REVISED - T. RAMMACHER 09-19-94
 REVISED - T. RAMMACHER 03-12-99
 REVISED - T. RAMMACHER 01-06-00
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

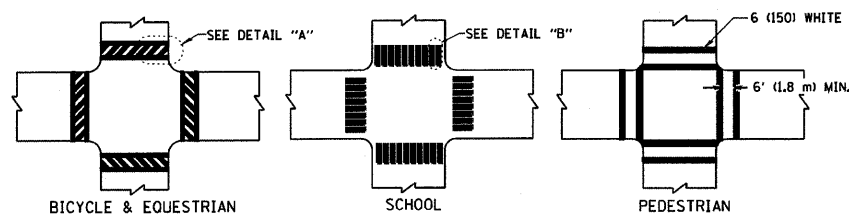
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	224
TC-11			CONTRACT NO. 62387	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

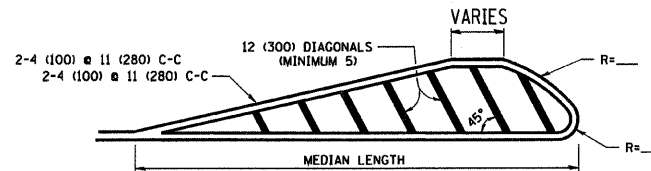
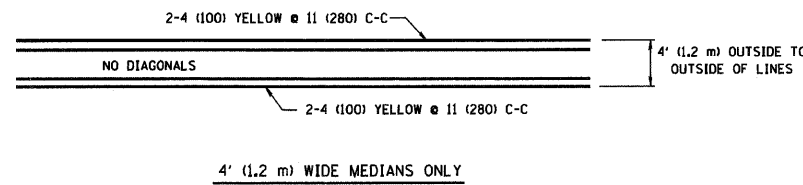


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

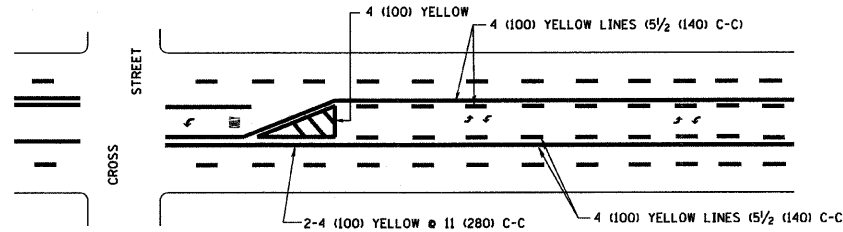


TYPICAL CROSSWALK MARKING

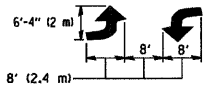


FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.
 DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
 75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

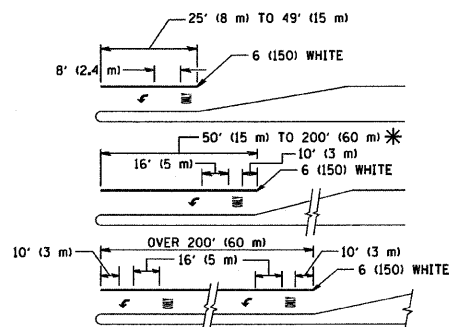


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

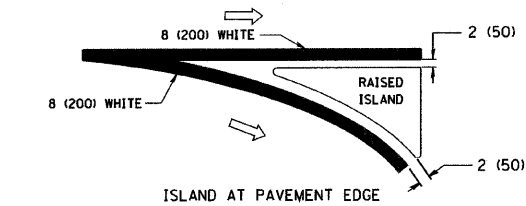
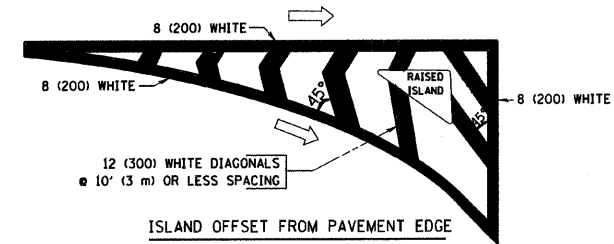


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

* 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

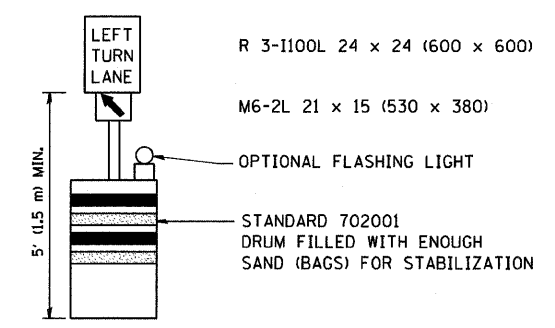
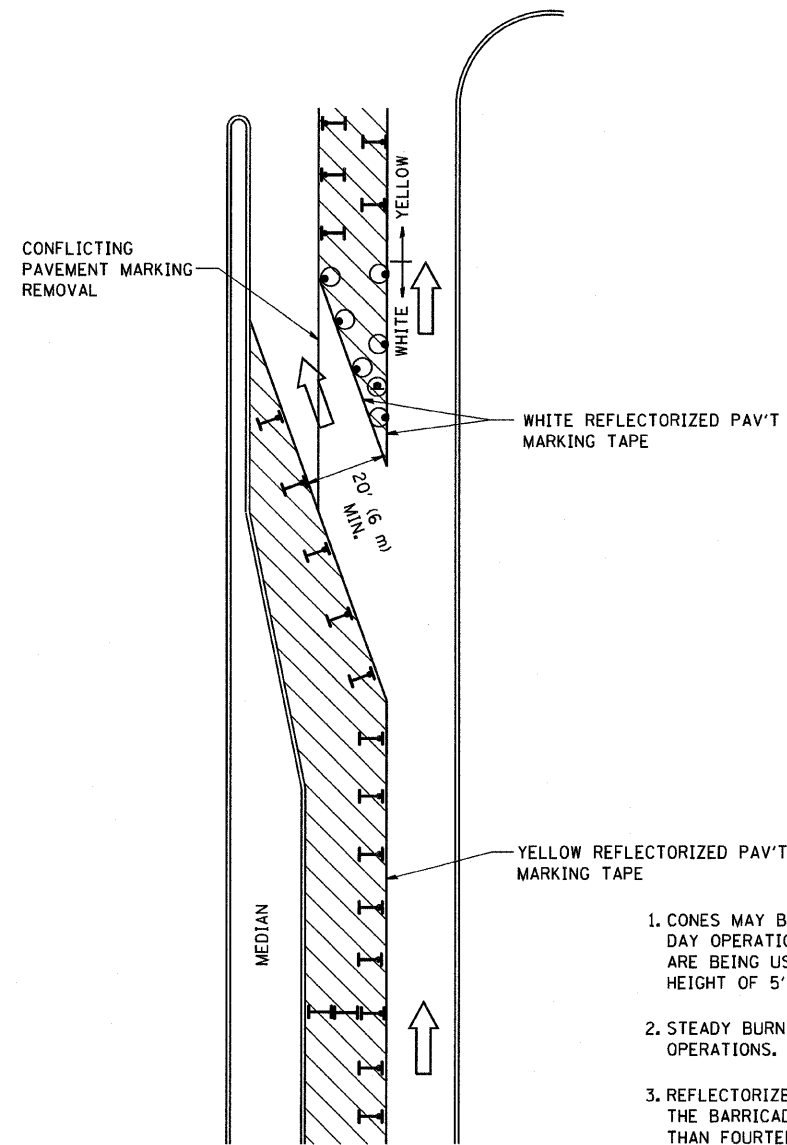


TYPICAL ISLAND MARKING

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 UNDIVIDED 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	YELLOW YELLOW	5 1/2 (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; 5 1/2 (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 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.

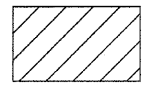
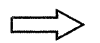






GENERAL NOTES

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.

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

LEGEND

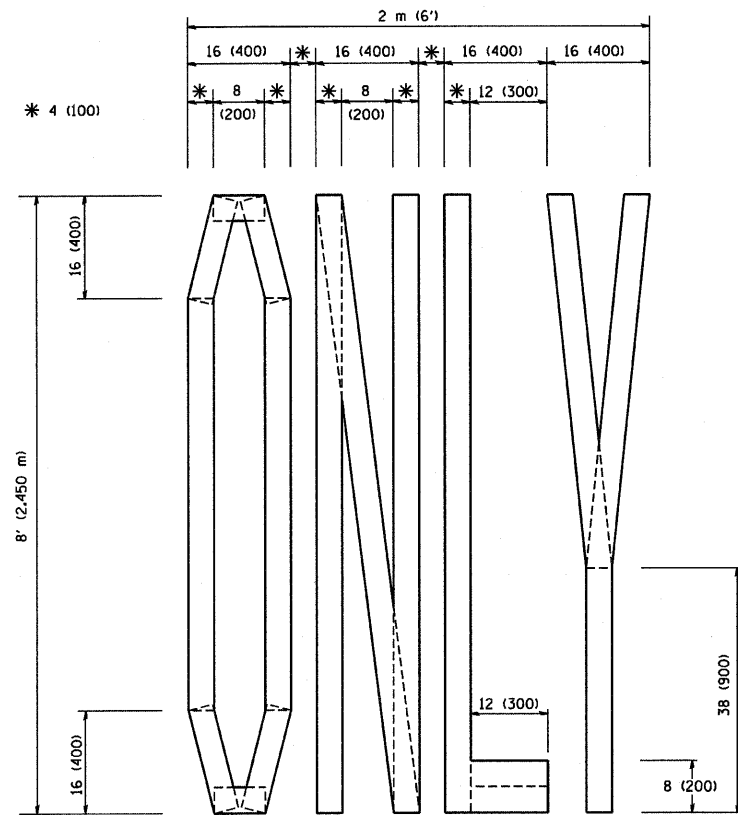
-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

FILE NAME =	USER NAME = geglent	DESIGNED -	REVISED -T. RAMMACHER 09-08-94
W:\dststd\22x34\tcl4.dgn		DRAWN -	REVISED - A. HOUSEH 11-07-95
		PLOT SCALE = 50,0000' / IN.	REVISED - A. HOUSEH 10-12-96
		PLOT DATE = 1/4/2008	REVISED -T. RAMMACHER 01-06-00

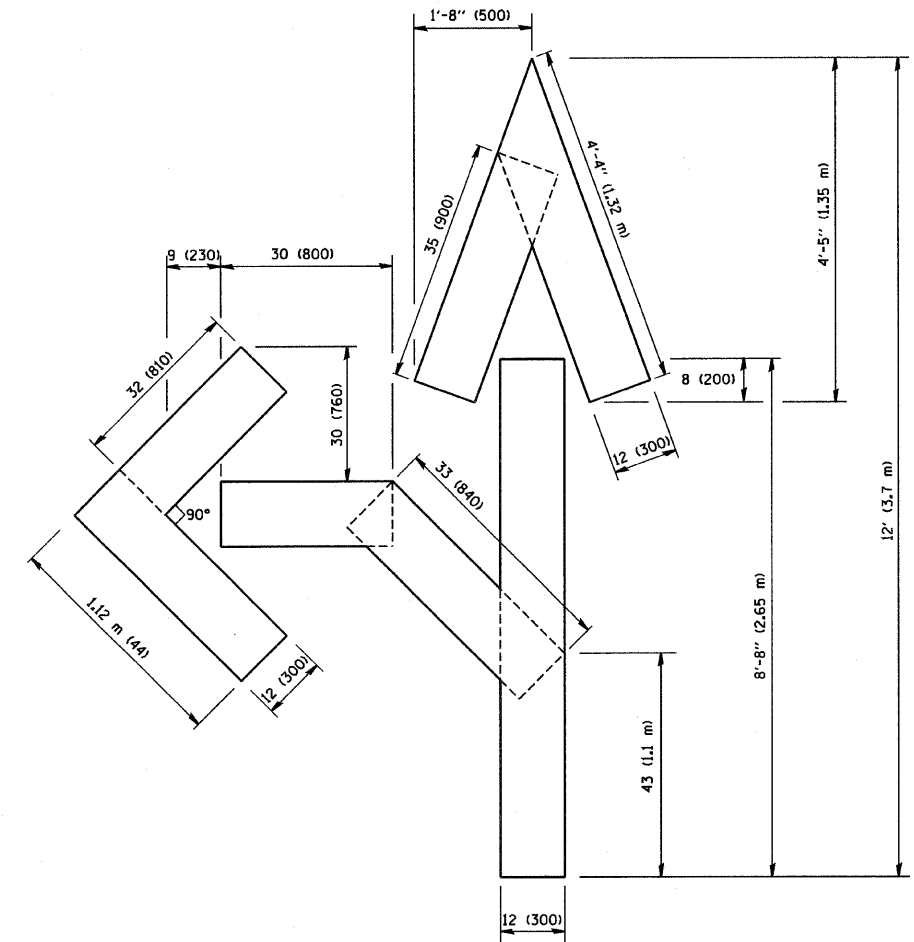
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

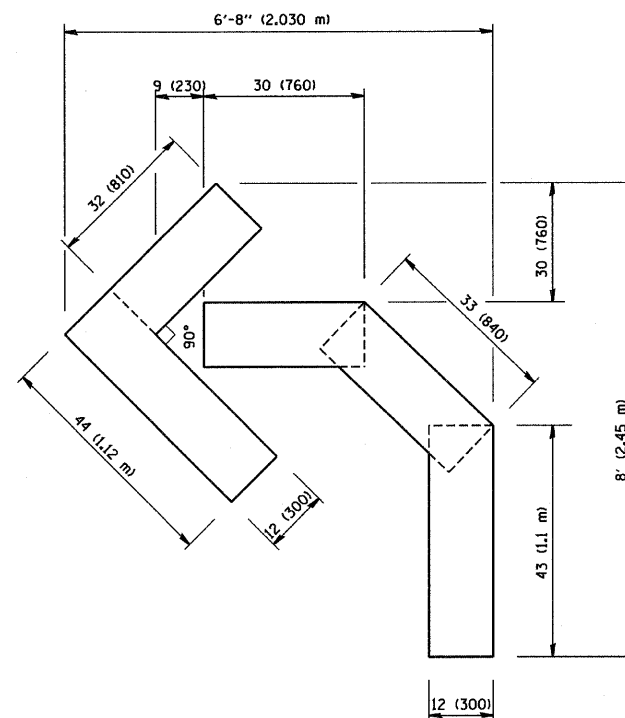
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	226
TC-14		CONTRACT NO. 62387		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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.

FILE NAME = W:\dststd\22x34\16.dgn	USER NAME = geglcnobt	DESIGNED -	REVISED -T. RAMMACHER 06-05-96
		DRAWN -	REVISED -T. RAMMACHER 11-04-97
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -T. RAMMACHER 03-02-98
	PLOT DATE = 1/4/2008	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

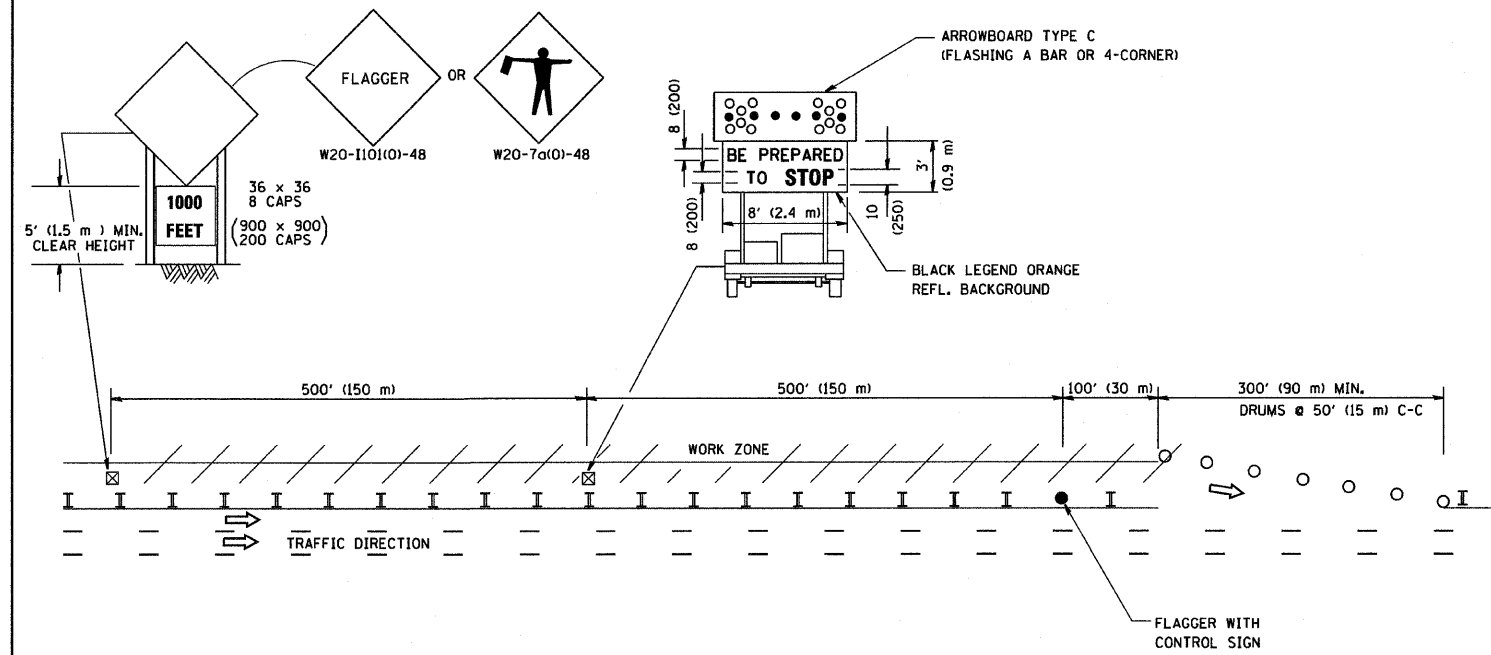
PAVEMENT MARKING LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

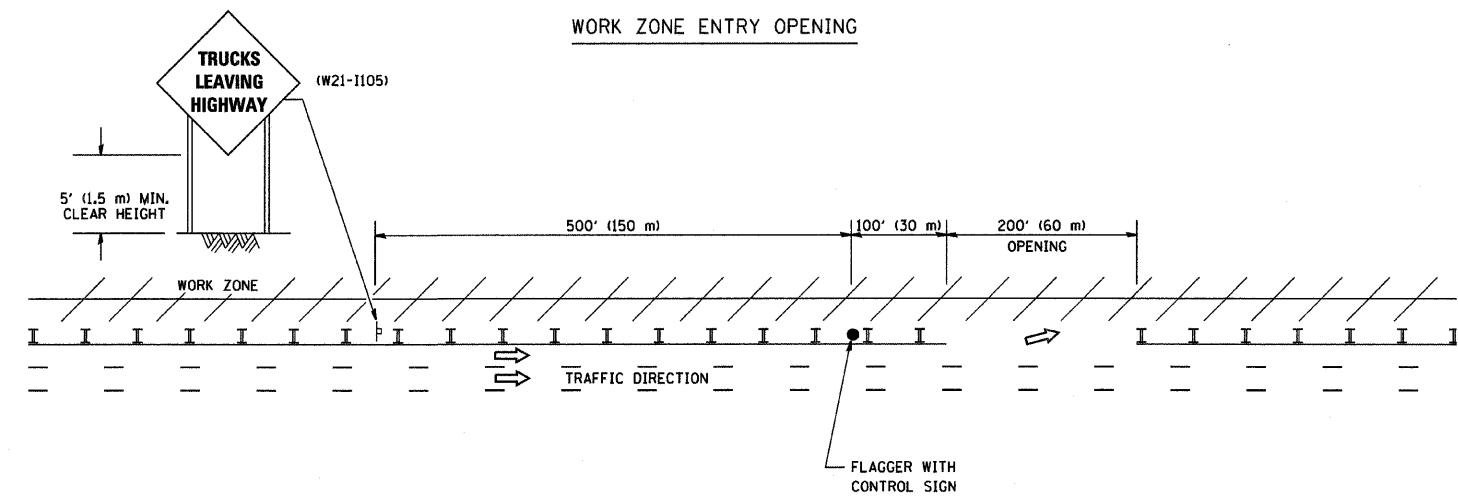
F.A. RTE. = 374	SECTION 3268F-R-1	COUNTY COOK	TOTAL SHEETS 279	SHEET NO. 227
TC-16			CONTRACT NO. 62387	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



NOTES:

1. The Arrowboard, the Flagger Ahead trailer mounted sign, and the Trucks Leaving Highway sign shall be removed or turned away from traffic and the exit and entry openings shall be closed when the flagging operation ceases.
2. Work Zone Exit Openings should be a minimum of one half mile apart.
3. Exiting the work zone at any place other than at a Work Zone Exit Opening will be prohibited.
4. All vehicles shall enter the work zone at entry openings, using their turn signals to warn motorists

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

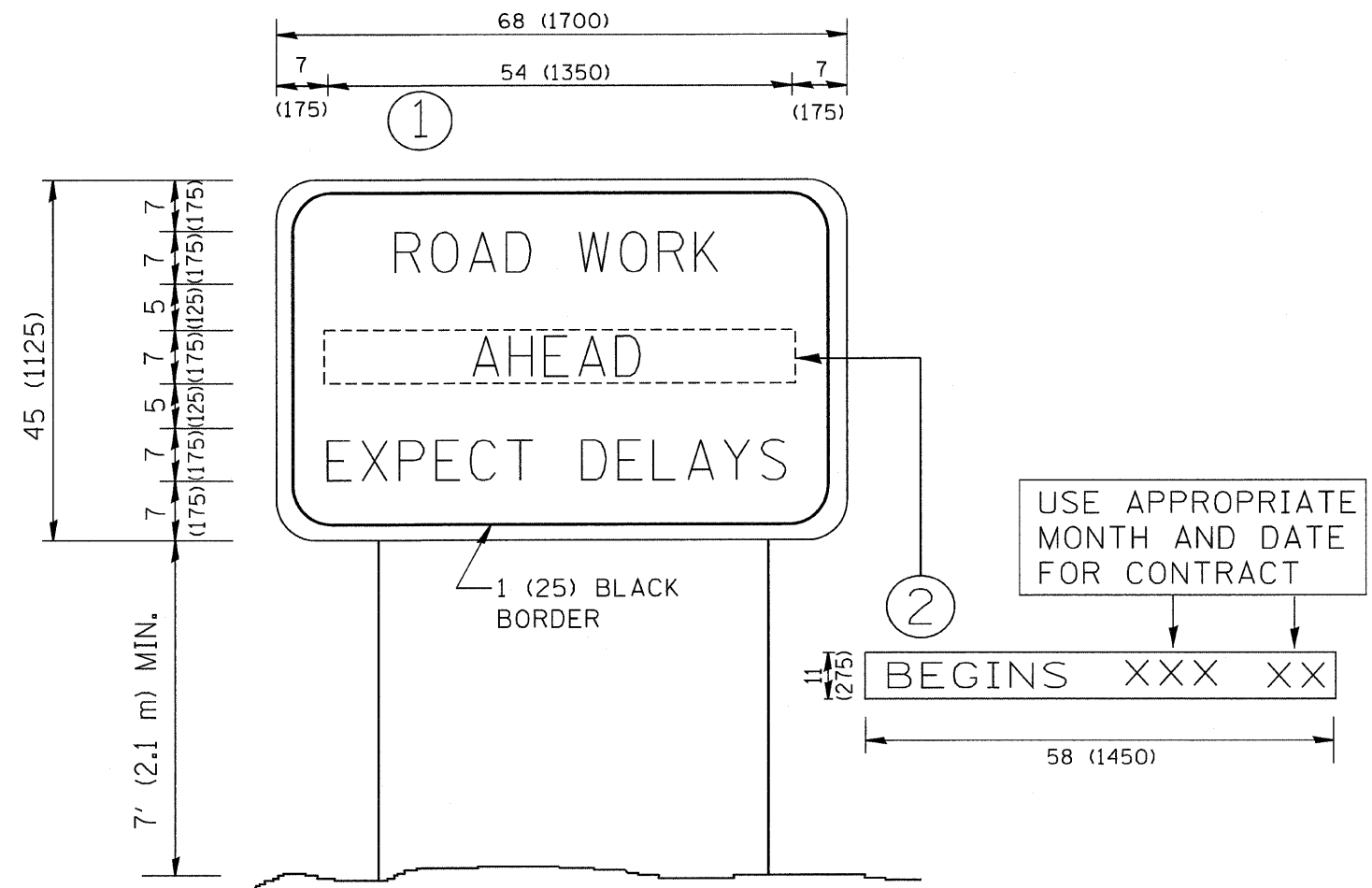
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W:\diststd\22x34\tcl18.dgn		DRAWN -	REVISED - J.A.F. 04-03
	PLOT SCALE = 50.000 / IN.	CHECKED -	REVISED - J.A.F. 02-06
	PLOT DATE = 1/4/2008	DATE -	REVISED - S.P.B. 01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING FOR FLAGGING OPERATIONS
AT WORK ZONE OPENINGS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	228
TC-18		CONTRACT NO. 62387		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

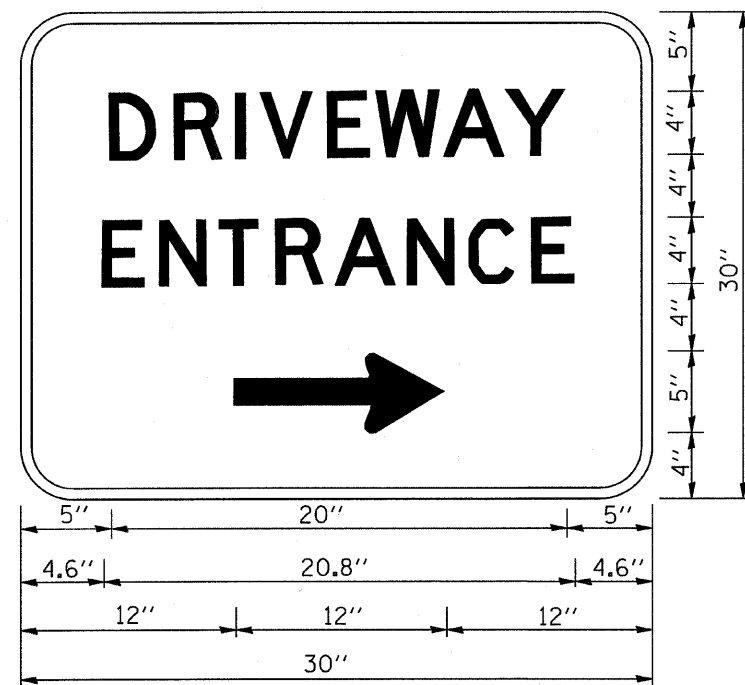


NOTES:

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.

FILE NAME = W:\diststd\22x34\tc22.dgn	USER NAME = geglencbt	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN		F.A. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99				374	3268F-R-1	COOK	279	229
PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	TC-22 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CONTRACT NO. 62387		



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".

FILE NAME = W:\diststd\22x34\tc26.dgn	USER NAME = gegl:anobt	DESIGNED -	REVISED - C. JUCIUS 02-15-07
		DRAWN -	REVISED -
	PLOT SCALE = 50.000 / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/4/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

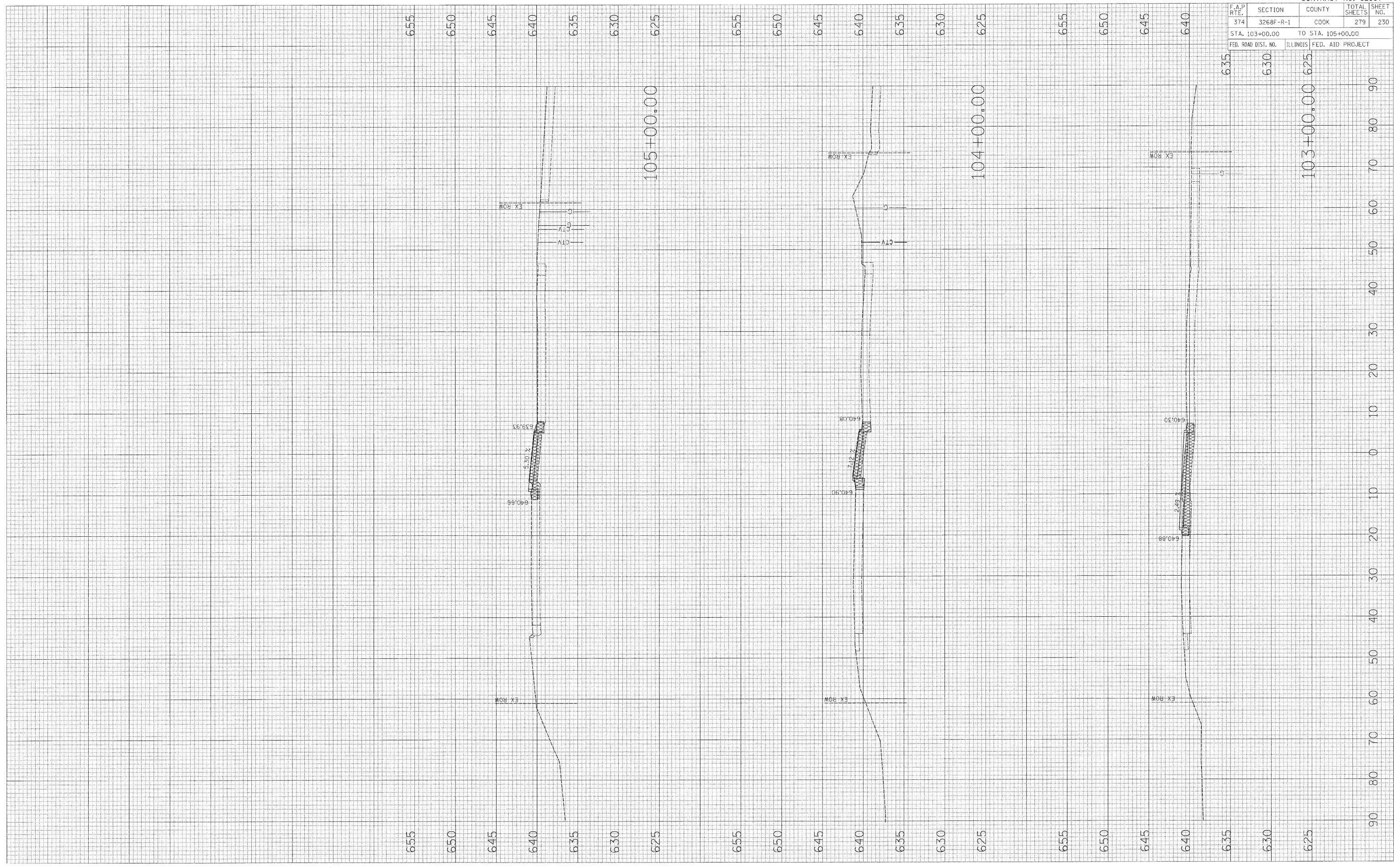
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE. *	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	229A
TC-26			CONTRACT NO. 62387	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLOT DATE = #DATE#
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 USER NAME = #USER#

ORIGINAL SURVEY BY DATE
 SURVEY NO. _____
 NOTE BOOK NO. _____
 TEMPLATE AREAS CHECKED

FINAL SURVEY BY DATE
 SURVEY NO. _____
 NOTE BOOK NO. _____
 TEMPLATE AREAS CHECKED



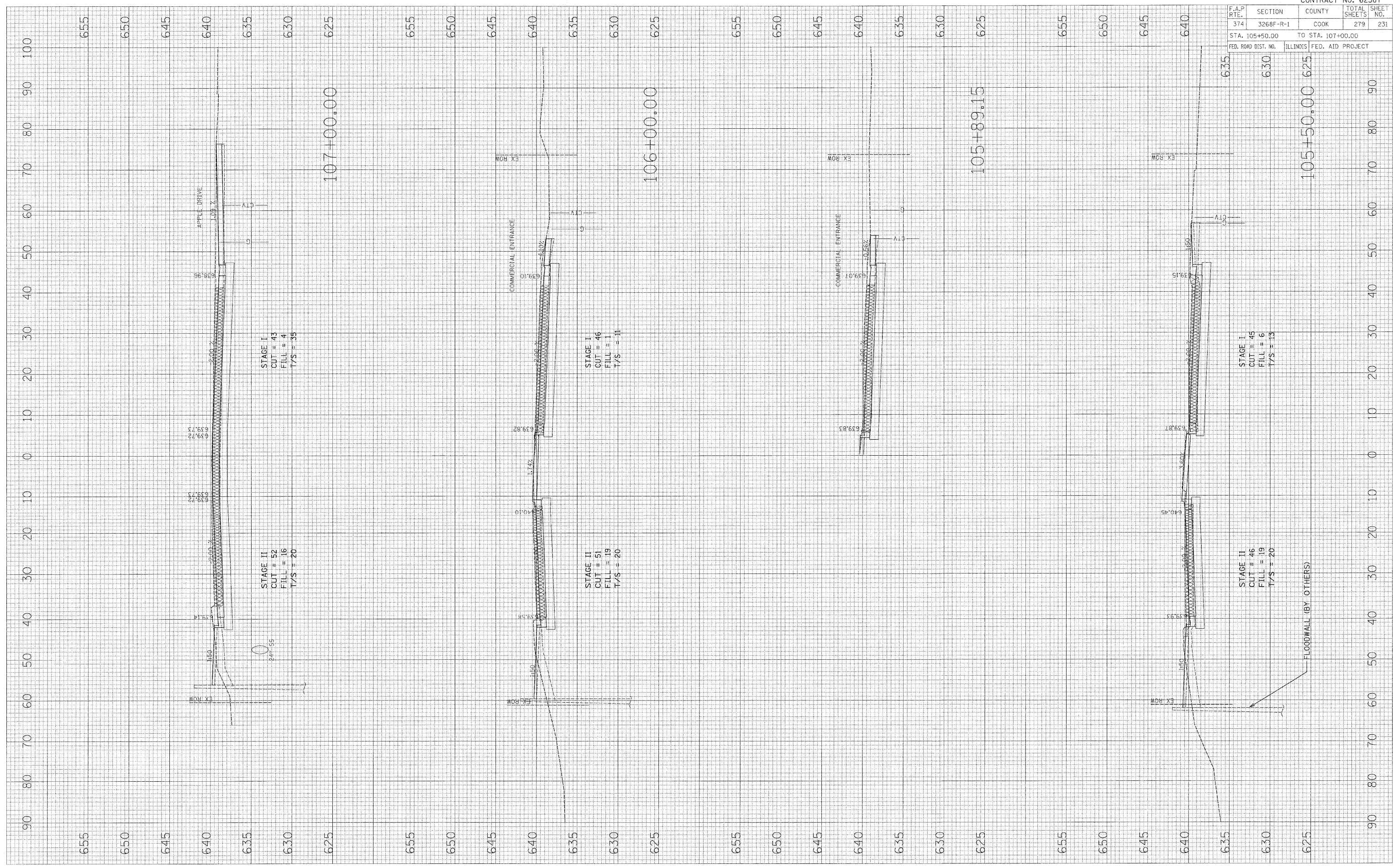
CONTRACT NO. 62387			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
374	3268F-R-1	COOK	279
STA. 103+00.00		TO STA. 105+00.00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

IL ROUTE 21

PLOT DATE = 8/24/05
 FILE NAME = 8FILE18
 PLOT SCALE = 8SCALE8
 USER NAME = 8USER18

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

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



CONTRACT NO. 62387	
F.A.P. RTE. 374	SECTION 3268F-R-1
COUNTY COOK	TOTAL SHEETS 279
SHEET NO. 231	
STA. 105+50.00	TO STA. 107+00.00
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

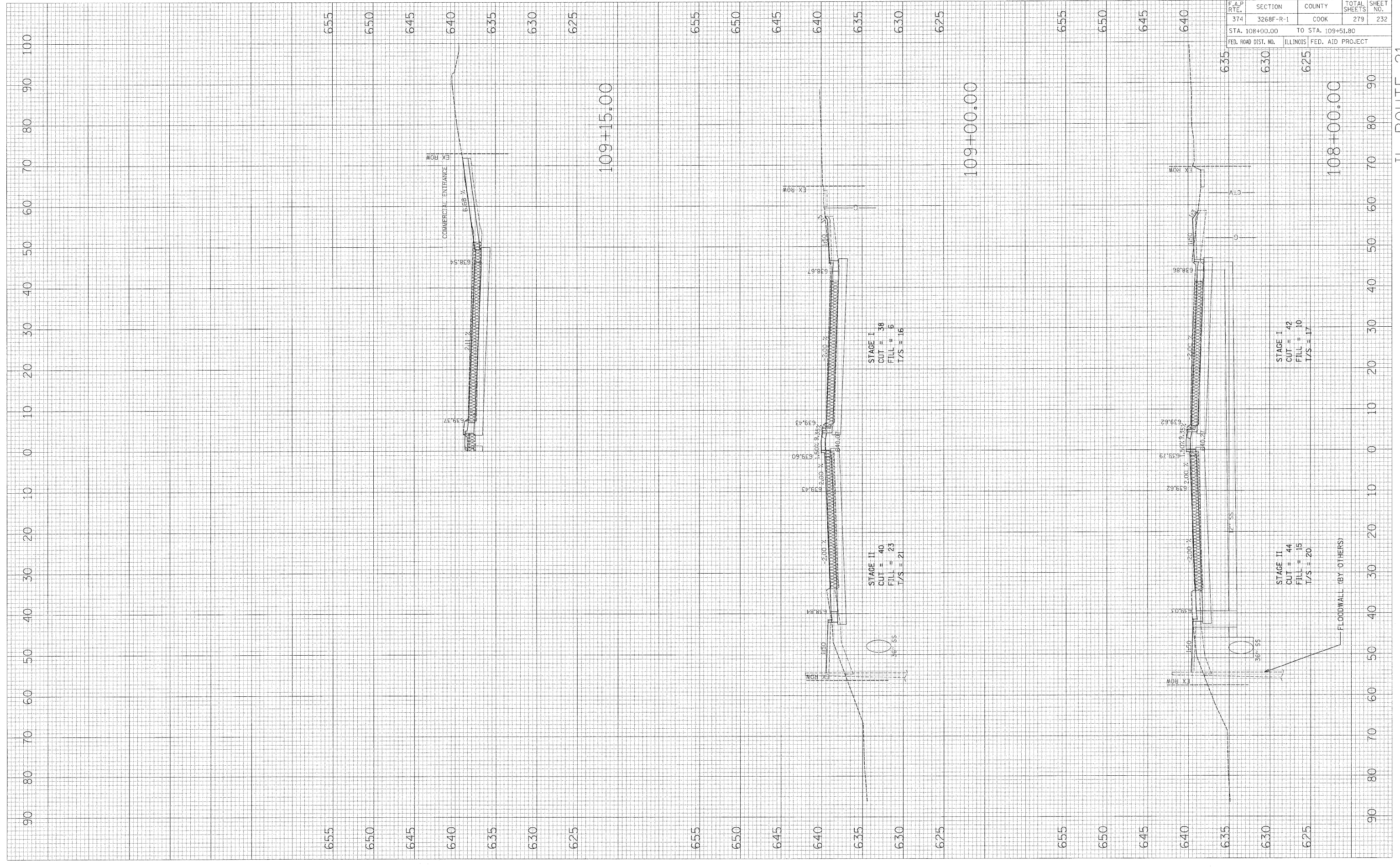
IL ROUTE 21

PLOT DATE = 8/10/18
 FILE NAME = 8/10/18
 PLOT SCALE = 8/10/18
 USER NAME = 8/10/18

ORIGINAL SURVEY
 SURVEYED SURVEY
 NOTE BOOK
 TEMPLATE
 AREAS
 AREAS CHECKED

FINAL SURVEY
 SURVEYED SURVEY
 NOTE BOOK
 TEMPLATE
 AREAS
 AREAS CHECKED

BY
 DATE

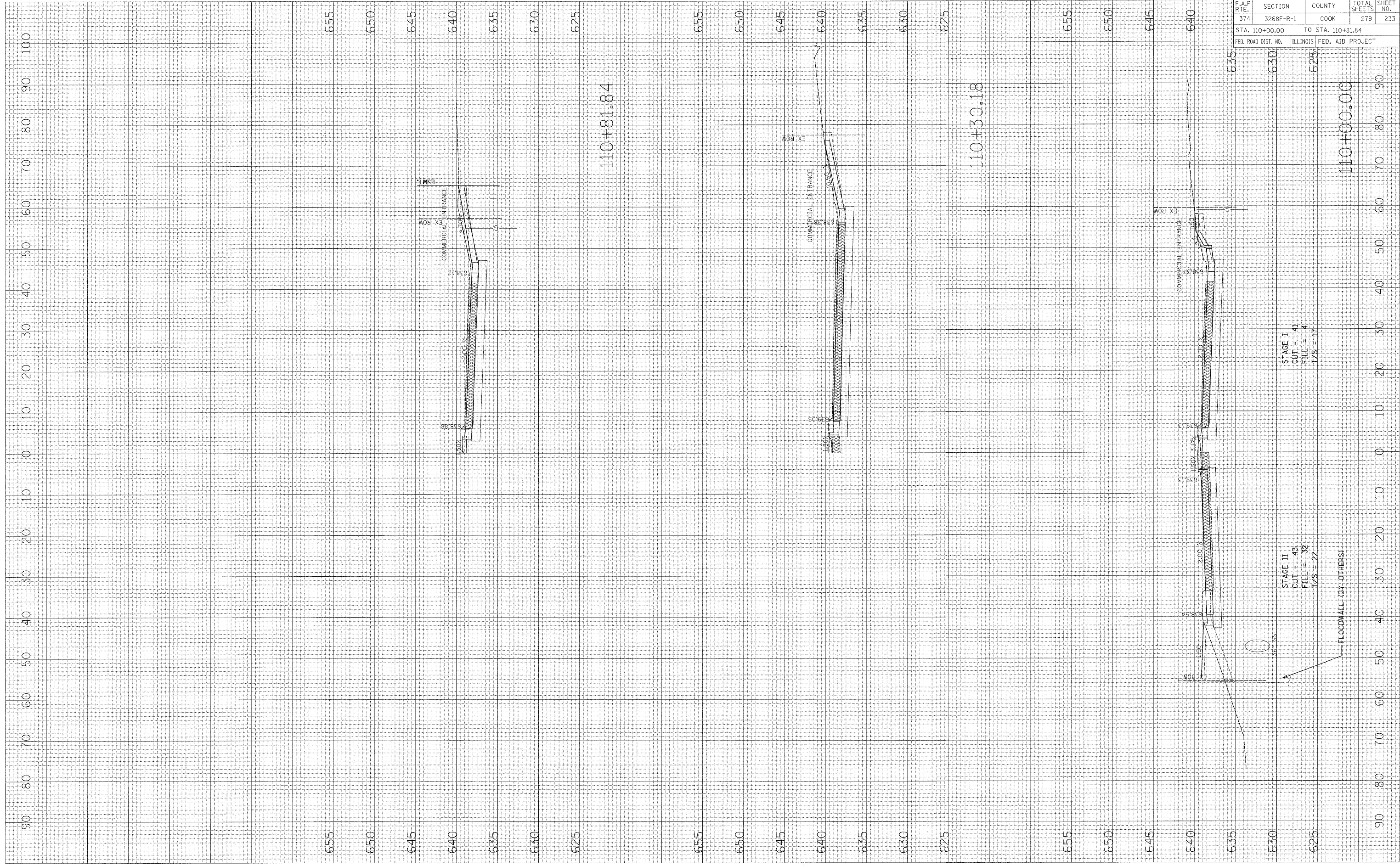


CONTRACT NO. 62387	
F.A.P. RTE. 374	SECTION 3268F-R-1
COUNTY COOK	TOTAL SHEETS 279
STA. 108+00.00	TO STA. 109+51.80
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

ORIGINAL SURVEY NO. _____
 SURVEYED SURVEY NO. _____
 SURVEY DATE _____
 NOTE BOOK NO. _____
 TEMPLATE AREAS CHECKED _____

FINAL SURVEY NO. _____
 SURVEYED SURVEY NO. _____
 SURVEY DATE _____
 NOTE BOOK NO. _____
 TEMPLATE AREAS CHECKED _____



STAGE I
 CUT = 41
 FILL = 4
 T/S = 107

STAGE II
 CUT = 43
 FILL = 32
 T/S = 22

CONTRACT NO. 62387	
F.A.P. RTE. 374	SECTION 3268F-R-1
COUNTY COOK	TOTAL SHEETS 279
STA. 110+00.00	TO STA. 110+81.84
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

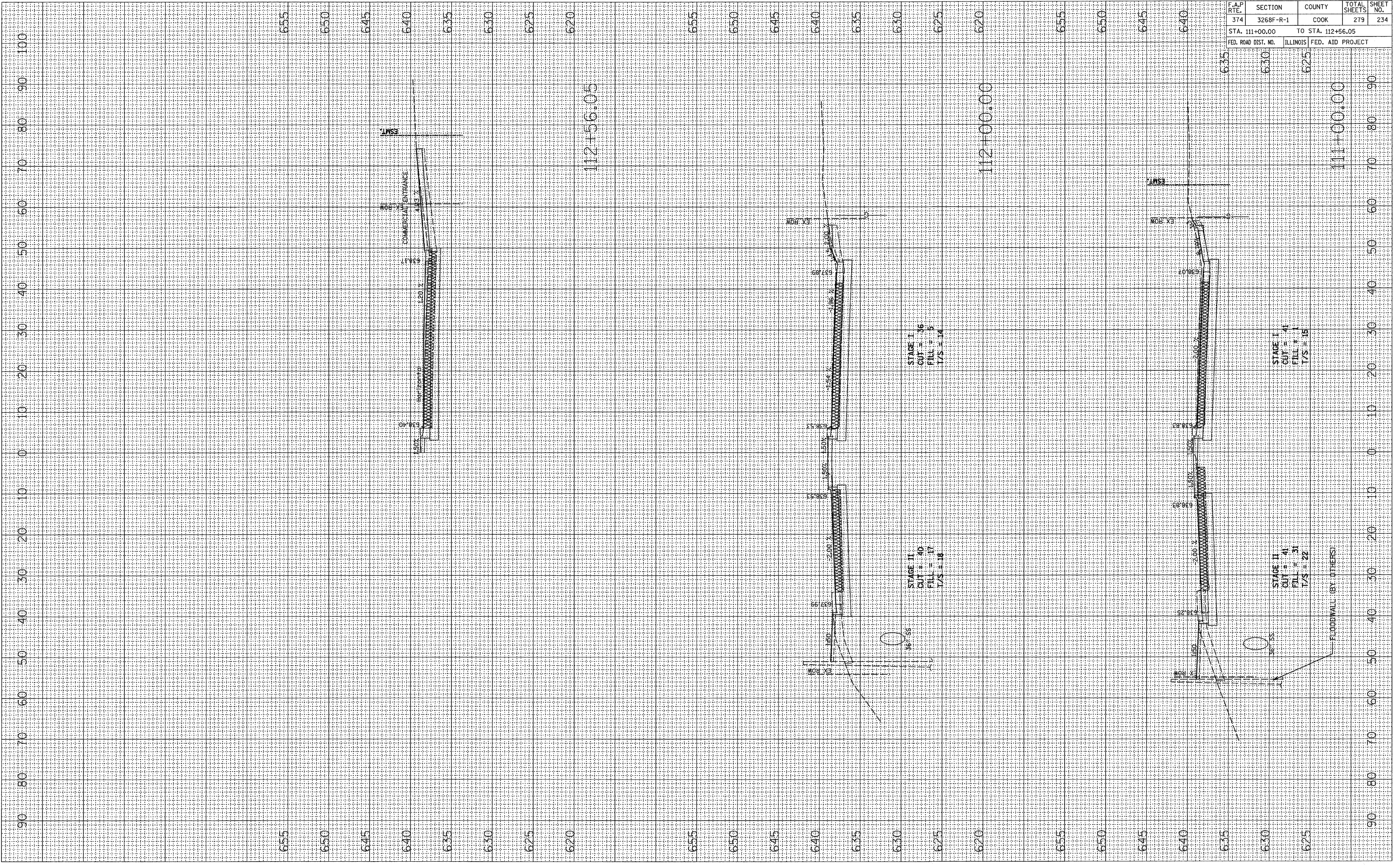
IL ROUTE 21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	234
STA. 111+00.00		TO STA. 112+56.05		
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		

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#



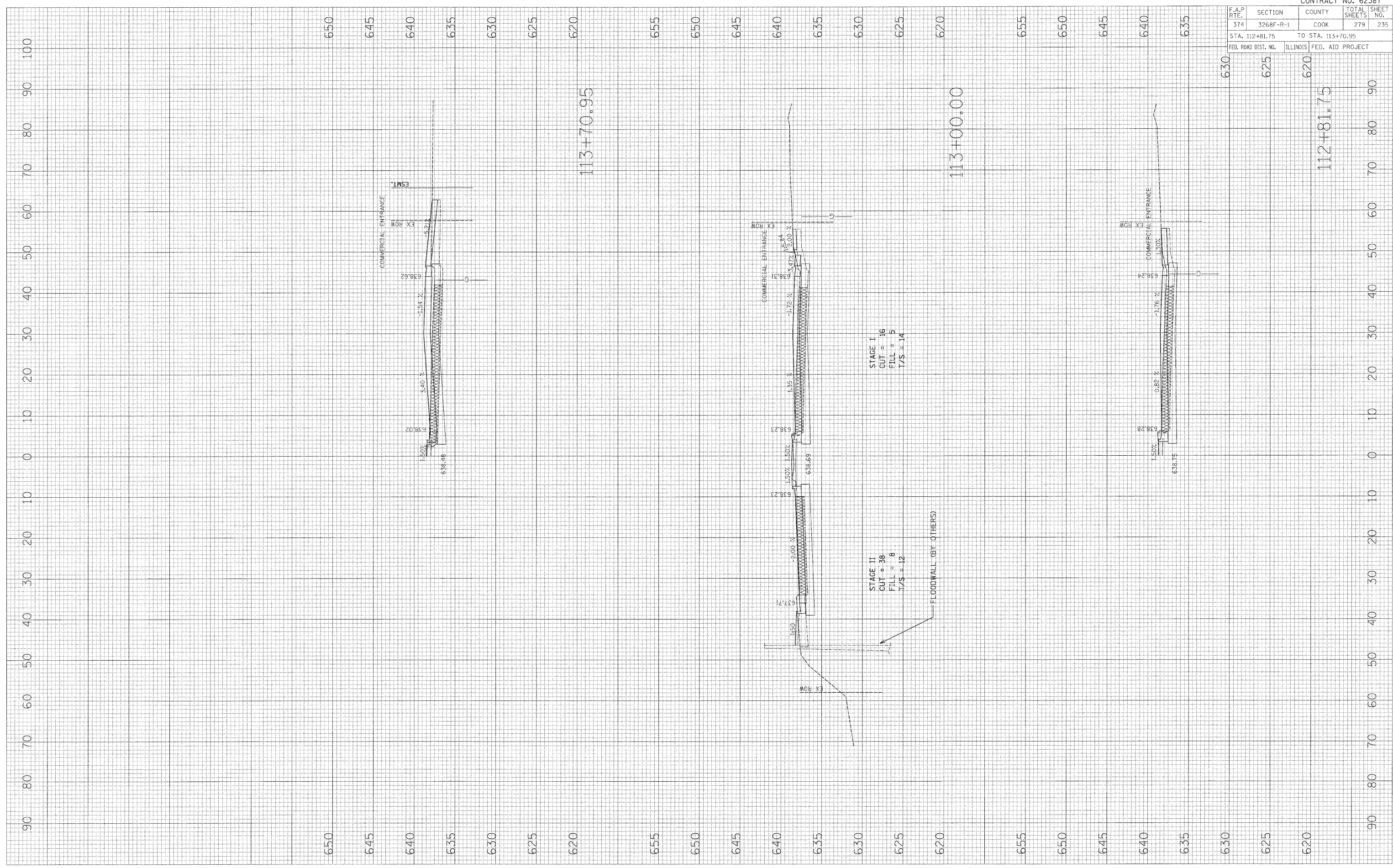
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 FILE NAME = \$FILE\$
 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

ORIGINAL SURVEY NO. _____
 SURVEYED BY _____
 NOTE BOOK NO. _____
 TEMPLATE AREAS CHECKED _____

FINAL SURVEY NO. _____
 SURVEYED BY _____
 NOTE BOOK NO. _____
 TEMPLATE AREAS CHECKED _____

DATE _____
 BY _____



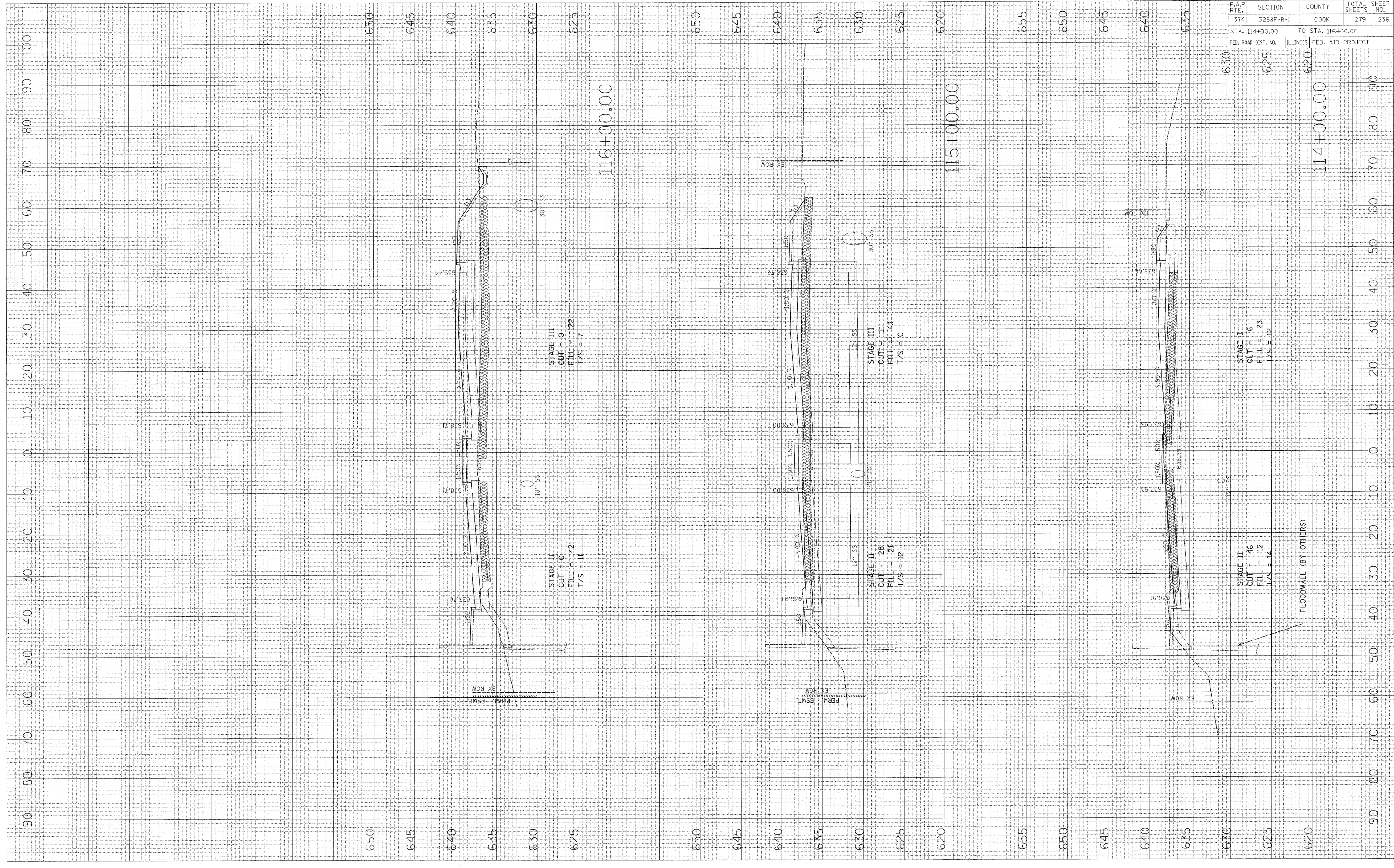
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	235
STA. 112+81.75		TO STA. 113+70.95		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

IL ROUTE 21

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 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

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

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



CONTRACT NO. 62387	
F.A.P. RTE. 374	SECTION 3268F-R-1
COUNTY COOK	TOTAL SHEETS 279
STA. 114+00.00	TO STA. 116+00.00
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

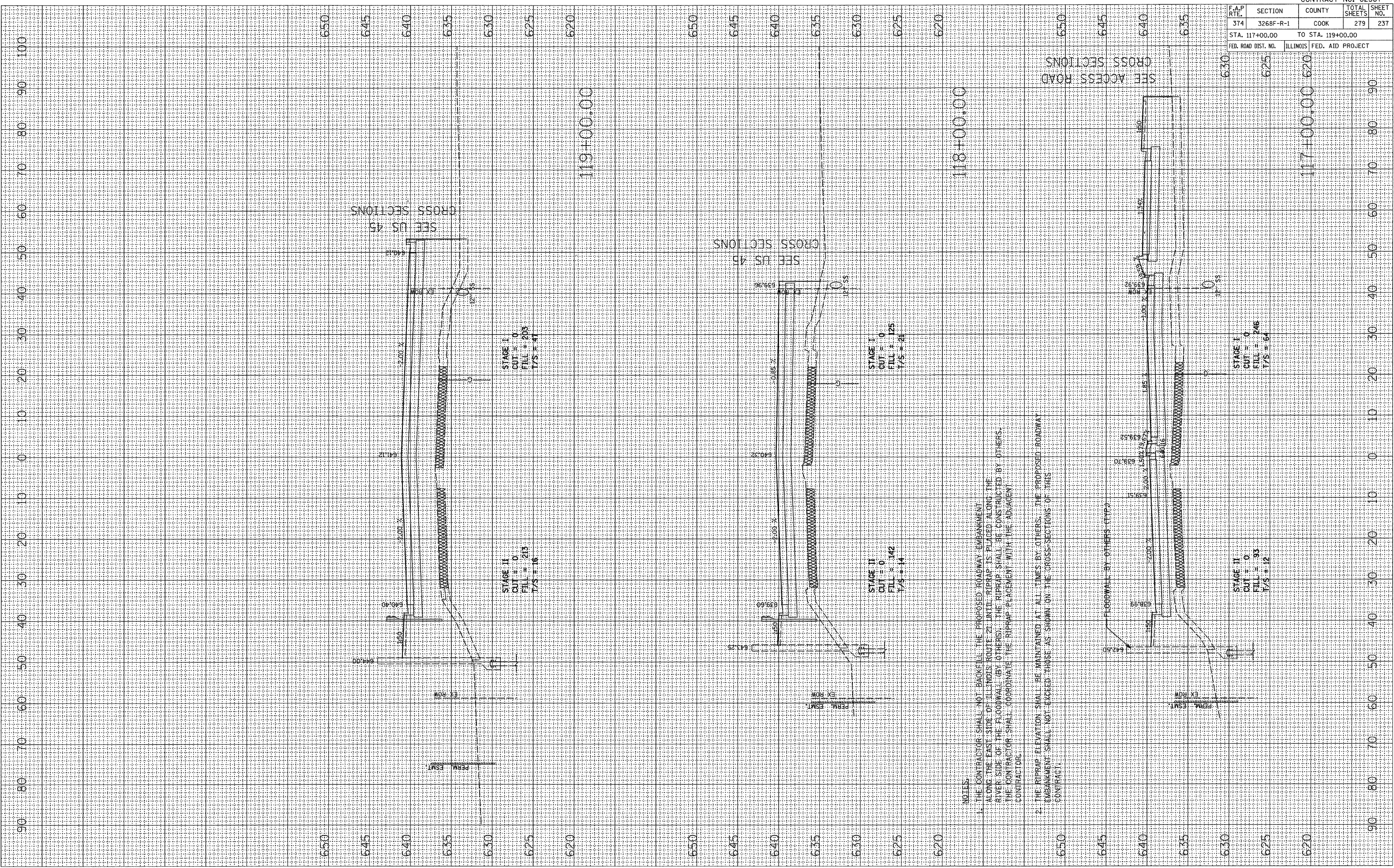
IL ROUTE 21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	237
STA. 117+00.00		TO STA. 119+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BY	DATE

BY	DATE

PLOT DATE = 04/25/08
 FILE NAME = 61LELE
 PLOT SCALE = 1"=40'
 USER NAME = MUSER6



NOTES:
 1. THE CONTRACTOR SHALL NOT BACKFILL THE PROPOSED ROADWAY-EMBANKMENT ALONG THE EAST SIDE OF ILLINOIS ROUTE 21 UNTIL RIPRAP IS PLACED ALONG THE RIVER SIDE OF THE FLOODWALL (BY OTHERS). THE RIPRAP SHALL BE CONSTRUCTED BY OTHERS. THE CONTRACTOR SHALL COORDINATE THE RIPRAP PLACEMENT WITH THE ADJACENT CONTRACTOR.

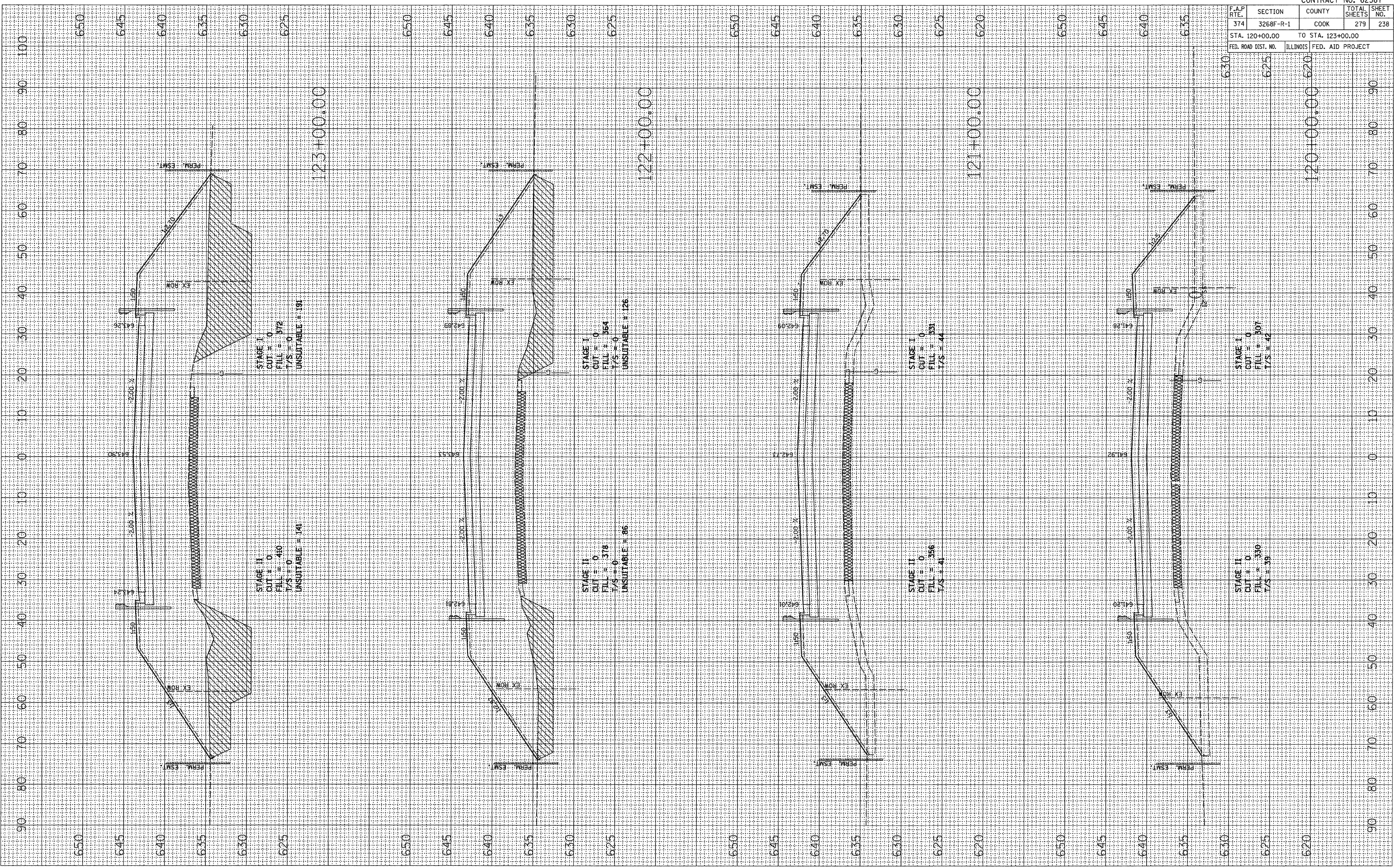
2. THE RIPRAP ELEVATION SHALL BE MAINTAINED AT ALL TIMES BY OTHERS. THE PROPOSED ROADWAY EMBANKMENT SHALL NOT EXCEED THOSE AS SHOWN ON THE CROSS-SECTIONS OF THIS CONTRACT.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	238
STA. 120+00.00		TO STA. 123+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

BY	DATE

BY	DATE

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 PLOT SCALE = 1"=40'
 USER NAME = MUSER

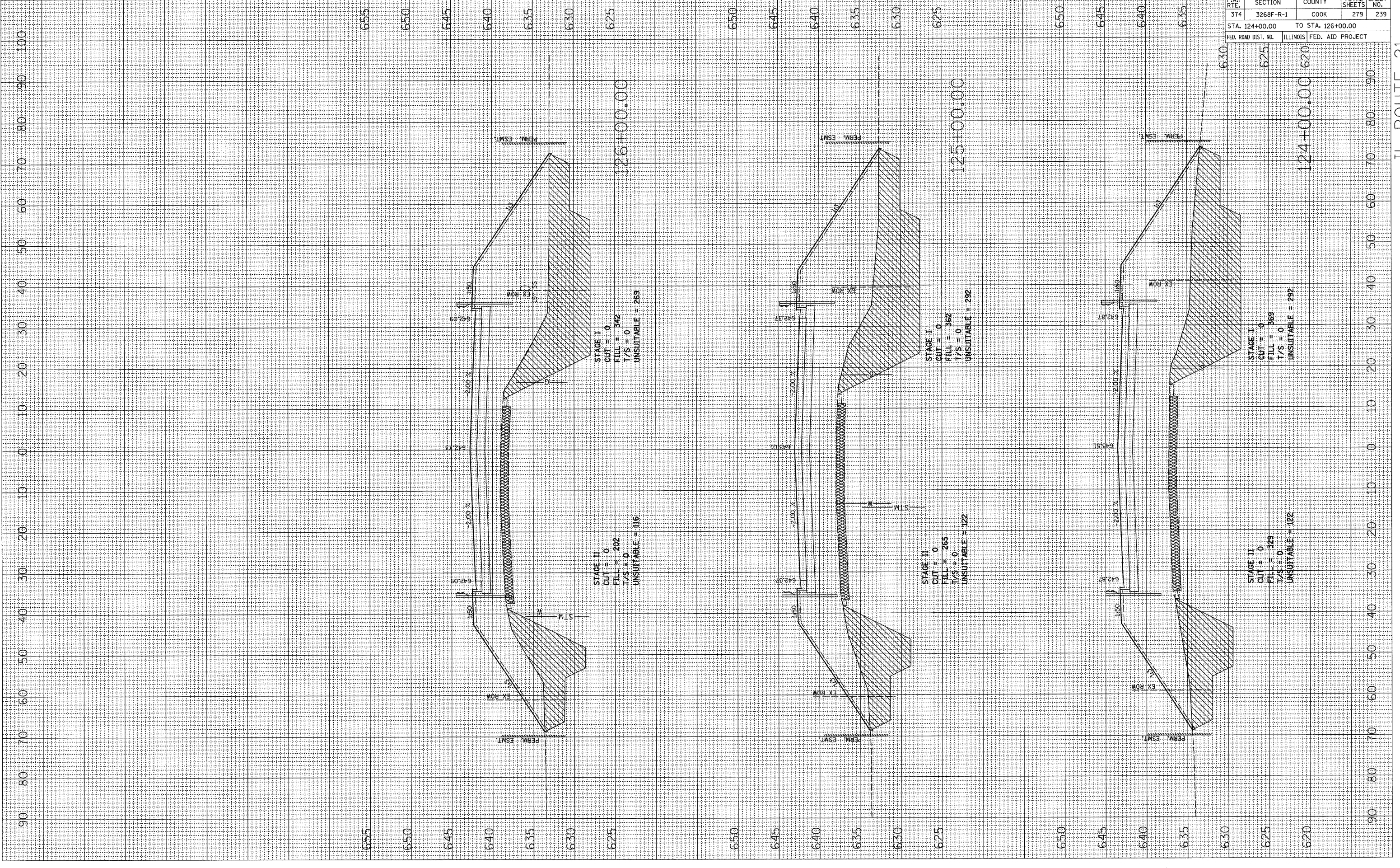


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	239
STA. 124+00.00		TO STA. 126+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

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 FILE NAME = 4/24/85
 PLOT SCALE = 48/1
 USER NAME = 4/24/85

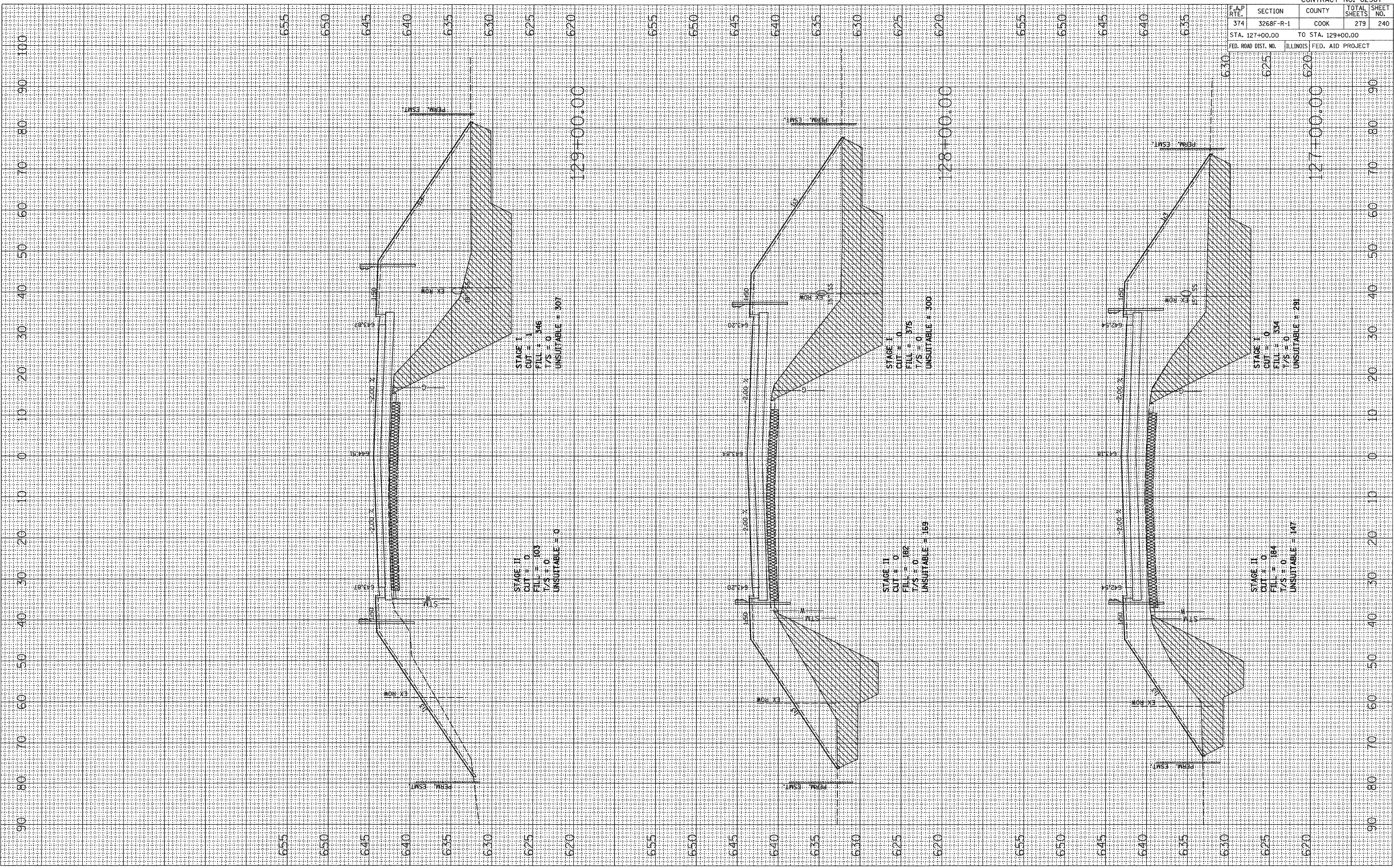


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	240
STA. 127+00.00		TO STA. 129+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DATE	BY

DATE	BY

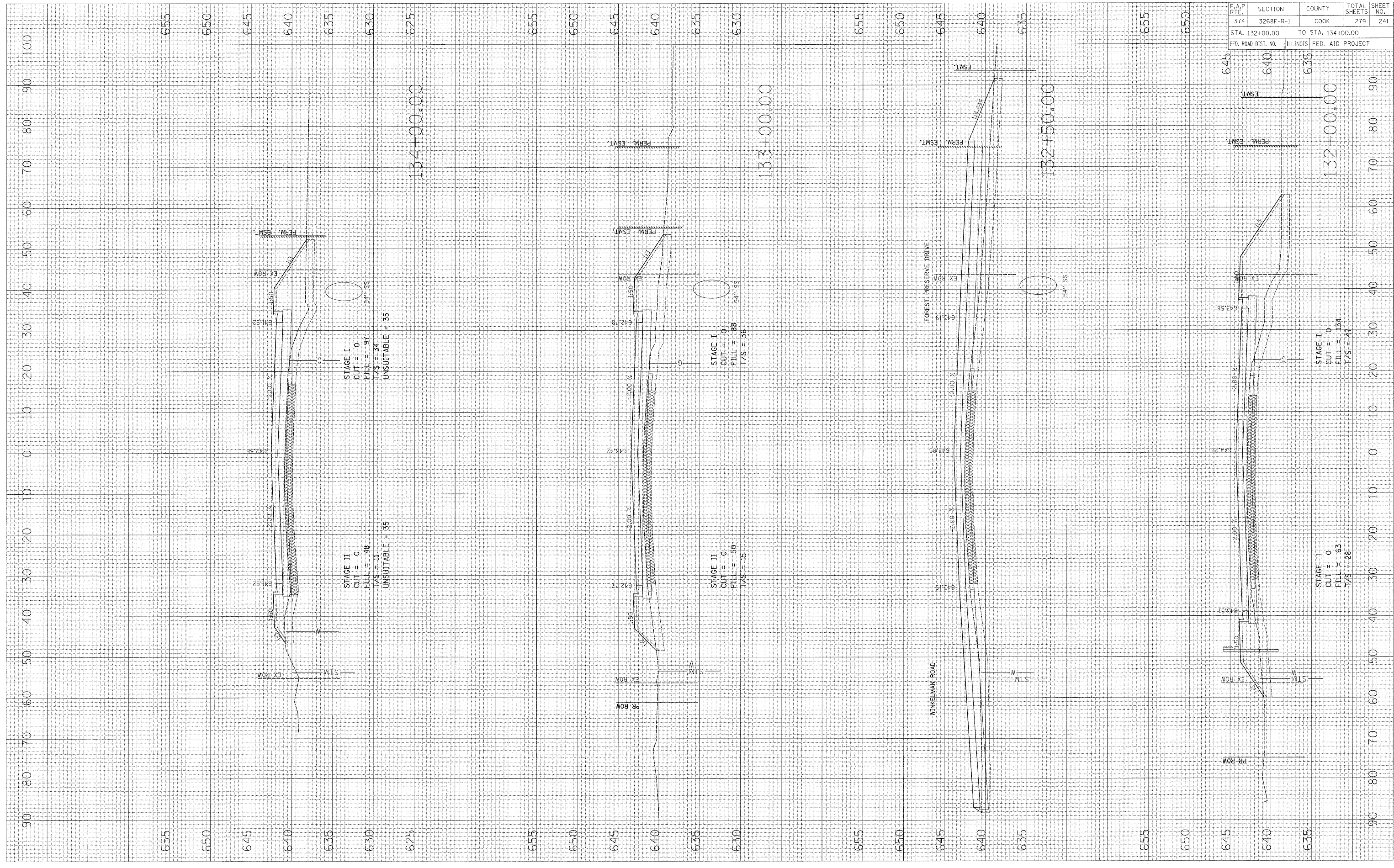
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 PLOT SCALE = #SCALE#
 USER NAME = #USER#



PLOT DATE = 04/25/18
 FILE NAME = F1E1E18
 PLOT SCALE = 63/1' = 1/2" = 1'
 USER NAME = USER18

ORIGINAL SURVEY BY DATE
 REVISIONS BY DATE
 SURVEY PLOTTED BY DATE
 NOTE BOOK NO. TEMPLATE AREAS CHECKED

FINAL SURVEY BY DATE
 REVISIONS BY DATE
 SURVEY PLOTTED BY DATE
 NOTE BOOK NO. TEMPLATE AREAS CHECKED



F.A.P. RTE. 374		SECTION 3268F-R-1	COUNTY COOK	TOTAL SHEETS 279	SHEET NO. 241
STA. 132+00.00		TO STA. 134+00.00			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

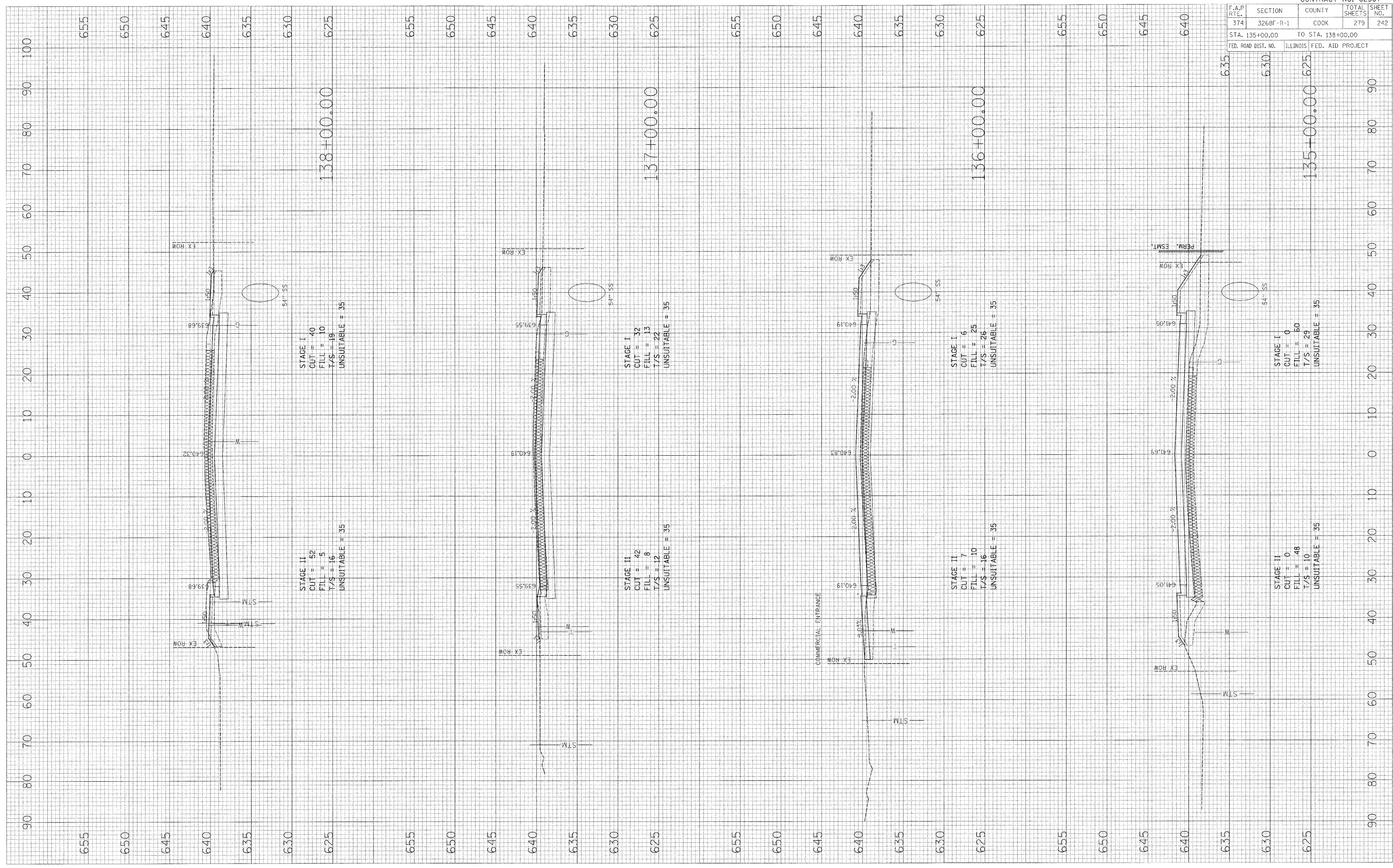
CONTRACT NO. 62387

IL ROUTE 21

PLOT DATE = \$DATE\$
 FILE NAME = \$FILE\$
 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

ORIGINAL SURVEY BY DATE
 NO. E BOOK TEMP. DATE
 AREAS AREAS CHECKED

FINAL SURVEY BY DATE
 NO. E BOOK TEMP. DATE
 AREAS AREAS CHECKED



CONTRACT NO. 62387				
F.A.P. RTE. 374	SECTION 3268F-R-1	COUNTY COOK	TOTAL SHEETS 279	SHEET NO. 242
STA. 135+00.00		TO STA. 138+00.00		
FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT			

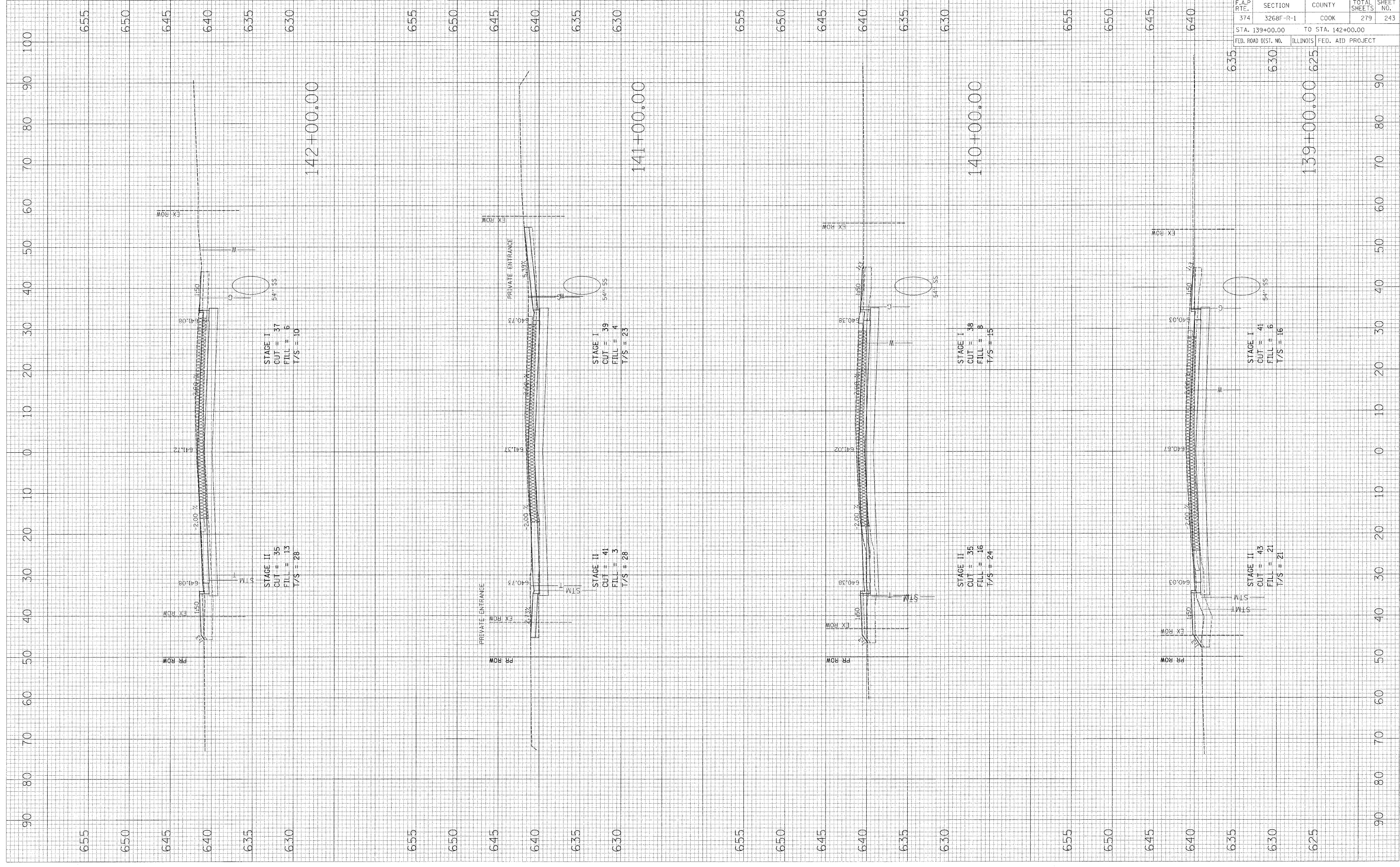
IL ROUTE 21

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 PLOT SCALE = #SCALE#
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ORIGINAL SURVEY
 SURVEY NO. _____
 NOTE BOOK NO. _____
 AREAS CHECKED

FINAL SURVEY
 SURVEY NO. _____
 NOTE BOOK NO. _____
 AREAS CHECKED

BY _____
 DATE _____



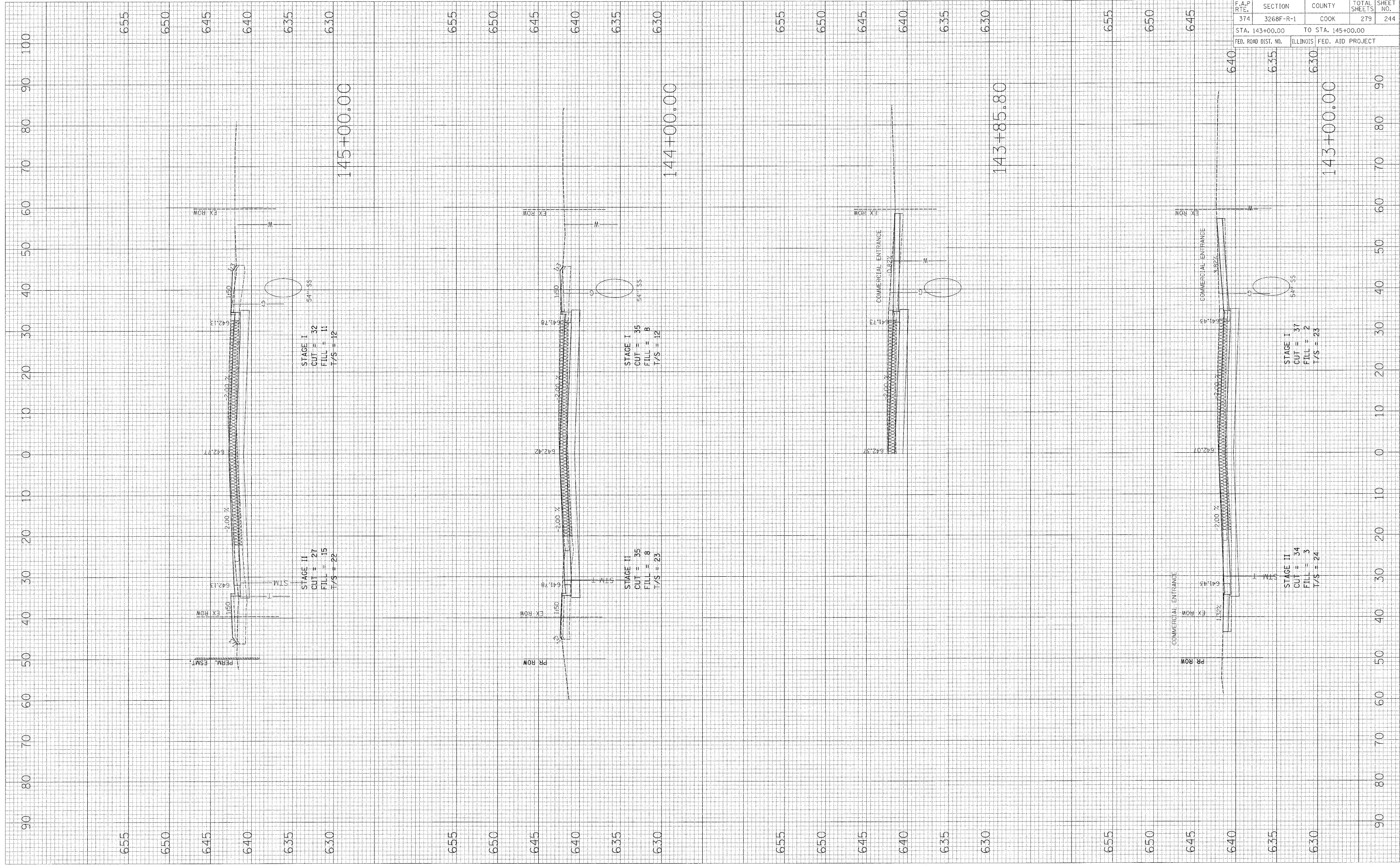
F.A.P. RTE. 374		SECTION 3268F-R-1	COUNTY COOK	TOTAL SHEETS 279	SHEET NO. 243
STA. 139+00.00		TO STA. 142+00.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT			

IL ROUTE 21

PLOT DATE = 8/24/18
 FILE NAME = 8/FILE18
 PLOT SCALE = 8/SCALE8
 USER NAME = 8/USER8

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

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



F.A.P. RTE. 374	SECTION 3268F-R-1	COUNTY COOK	TOTAL SHEETS 279	SHEET NO. 244
STA. 143+00.00		TO STA. 145+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

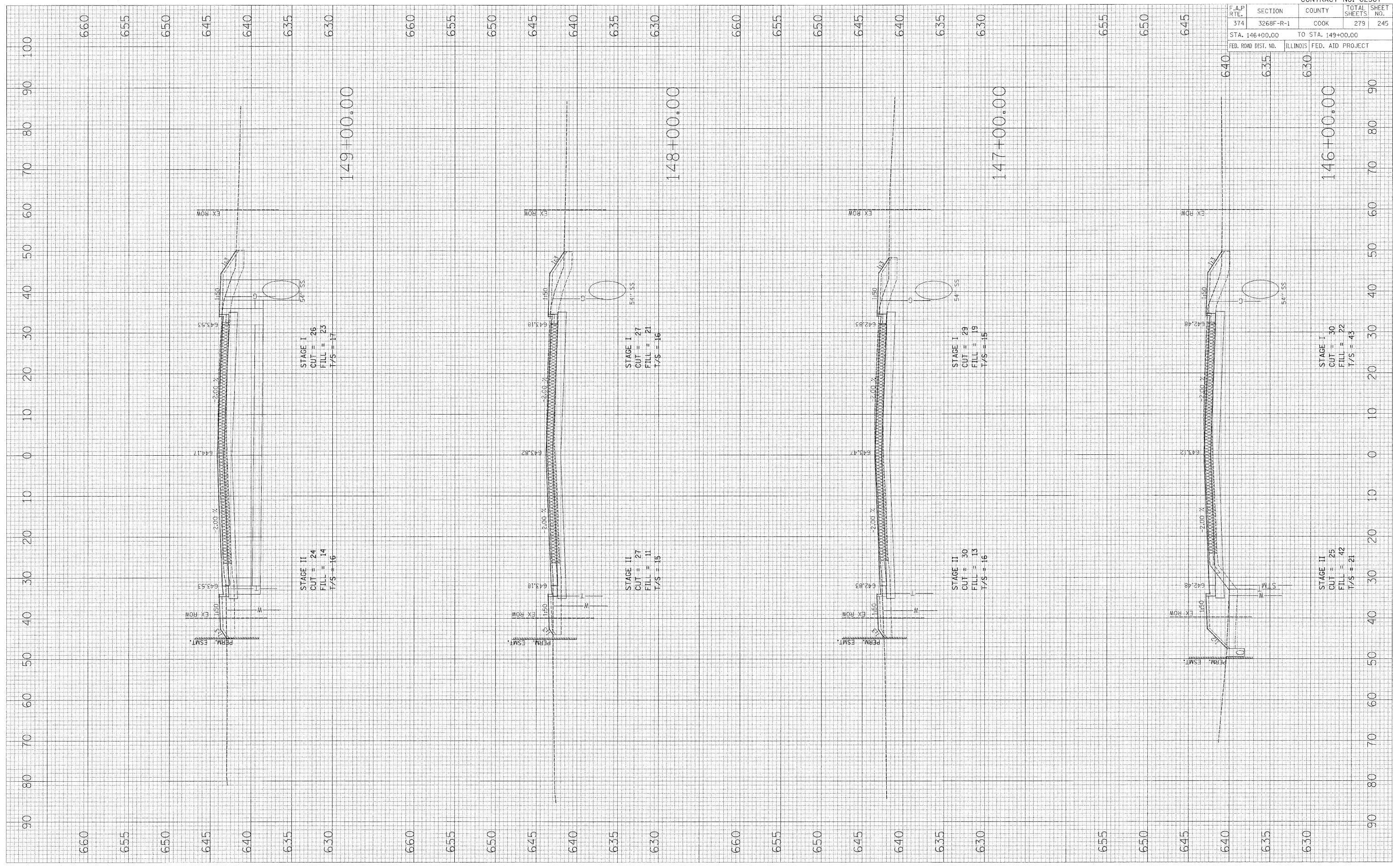
IL ROUTE 21

PLOT DATE = *DATE*
 FILE NAME = *FILE*
 PLOT SCALE = *SCALE*
 USER NAME = *USER*

ORIGINAL SURVEY PLOTTED
 NOTE BOOK NO. AREAS CHECKED

FINN SURVEY SURVEYED
 NOTE BOOK NO. AREAS CHECKED

BY DATE



F.A.P. R.T.E. 374		SECTION 3268F-R-1	COUNTY COOK	TOTAL SHEETS 279	SHEET NO. 245
STA. 146+00.00		TO STA. 149+00.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT			

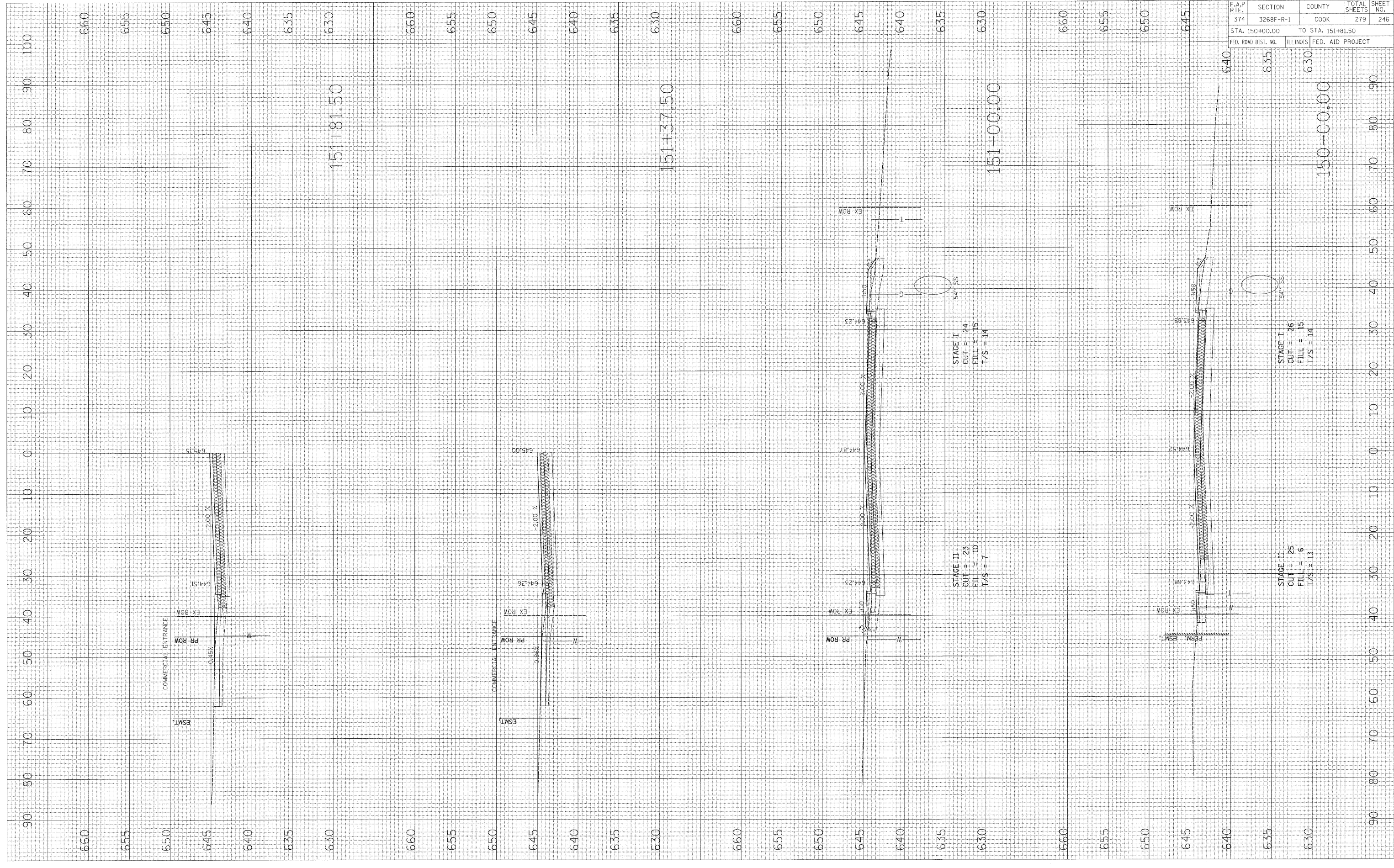
IL ROUTE 21

PLOT DATE = 04/25/18
 FILE NAME = 01FILEL8
 PLOT SCALE = 0.500000
 USER NAME = 01USER8

ORIGINAL SURVEYED SURVEY NO. _____
 SURVEYED SURVEY NO. _____
 NOTE BOOK NO. _____
 TEMPLATE AREAS CHECKED _____

FINAL SURVEY NO. _____
 SURVEYED SURVEY NO. _____
 NOTE BOOK NO. _____
 TEMPLATE AREAS CHECKED _____

BY _____
 DATE _____



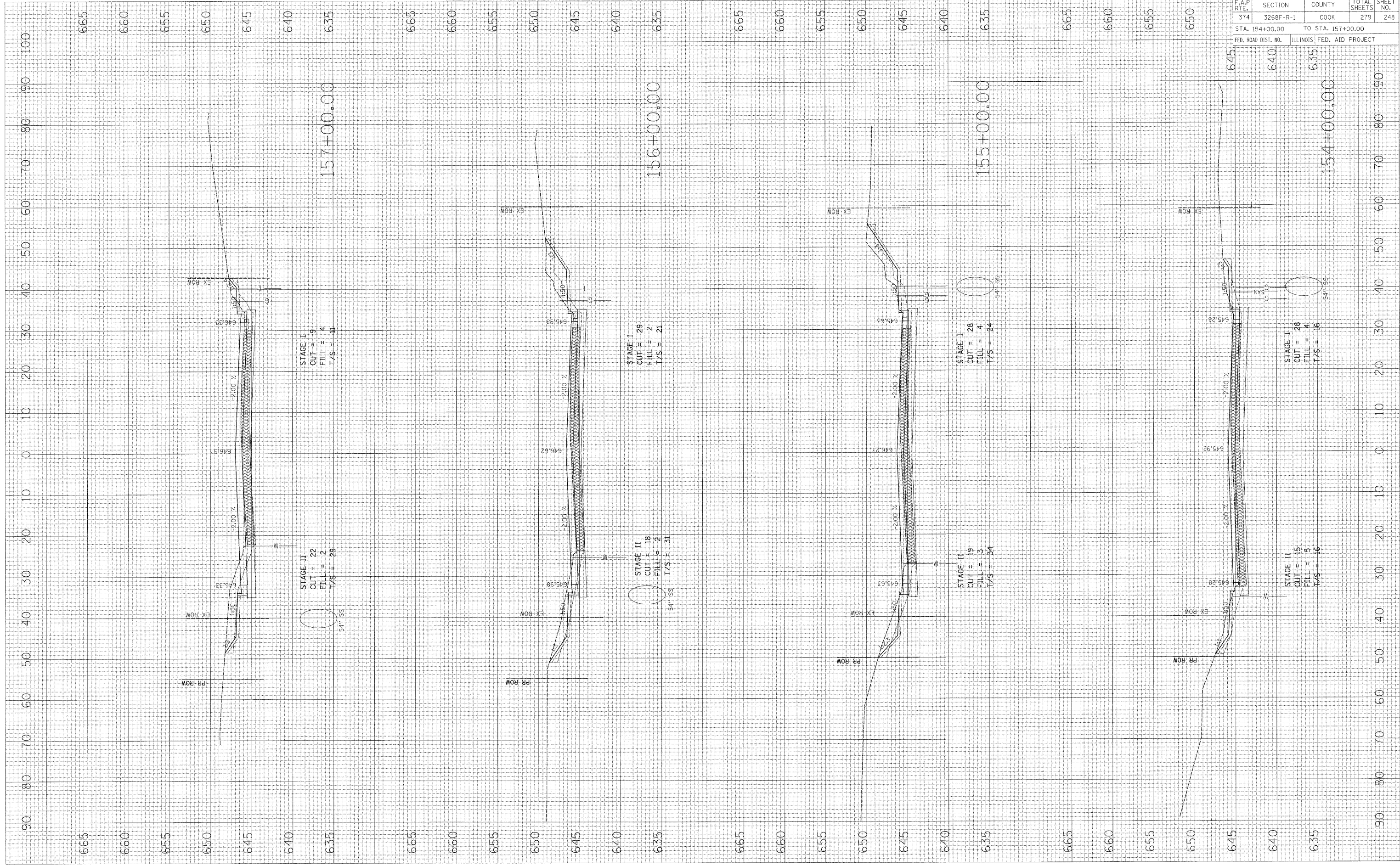
F.A.P. RTE. 374	SECTION 3268F-R-1	COUNTY COOK	TOTAL SHEETS 279	SHEET NO. 246
STA. 150+00.00		TO STA. 151+81.50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

IL ROUTE 21

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

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

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



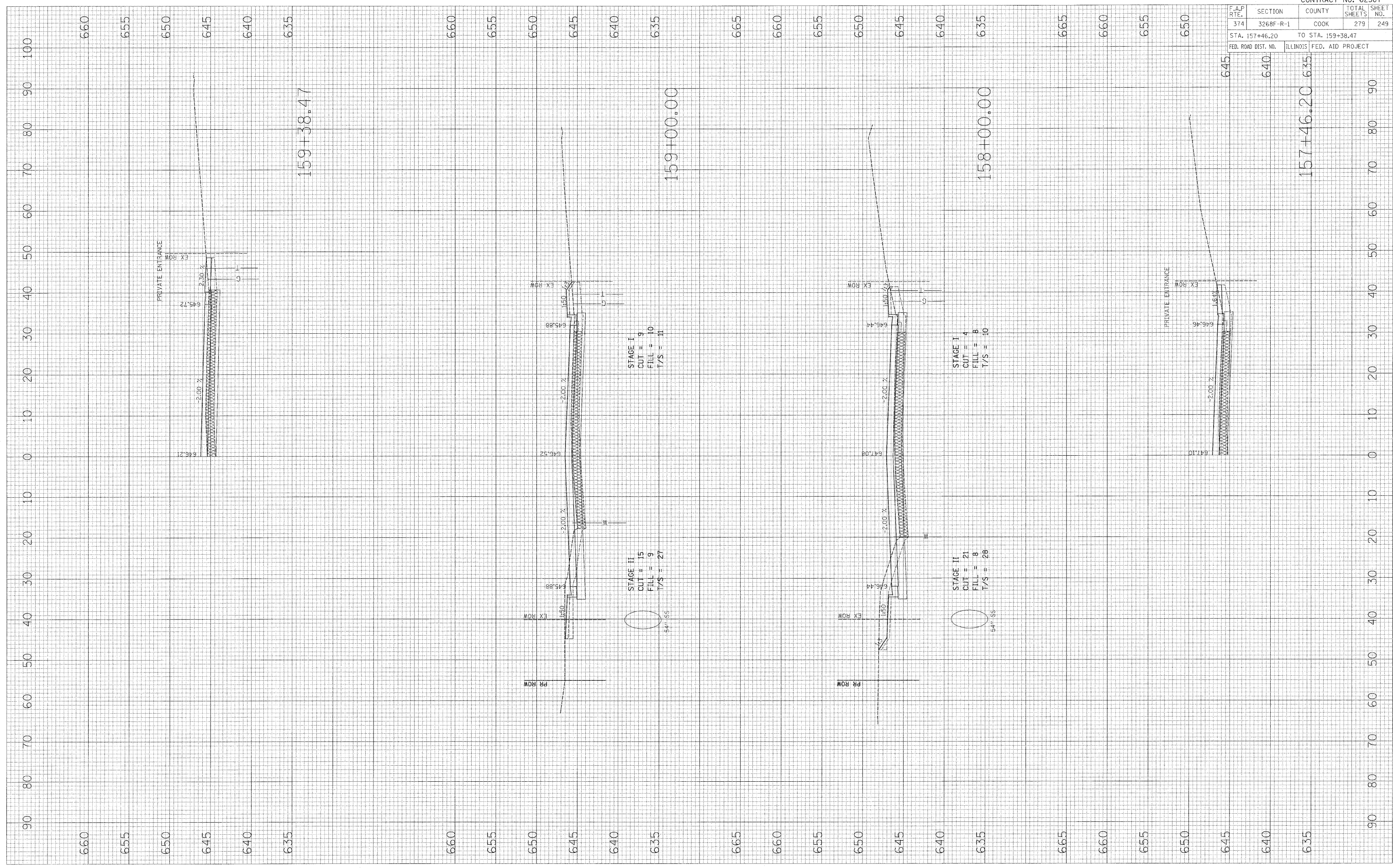
CONTRACT NO. 62387				
F.A.P. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	248
STA. 154+00.00		TO STA. 157+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

IL ROUTE 21

PLOT DATE = *DATE*
 FILE NAME = *FILE*
 PLOT SCALE = *SCALE*
 USER NAME = *USER*

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

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



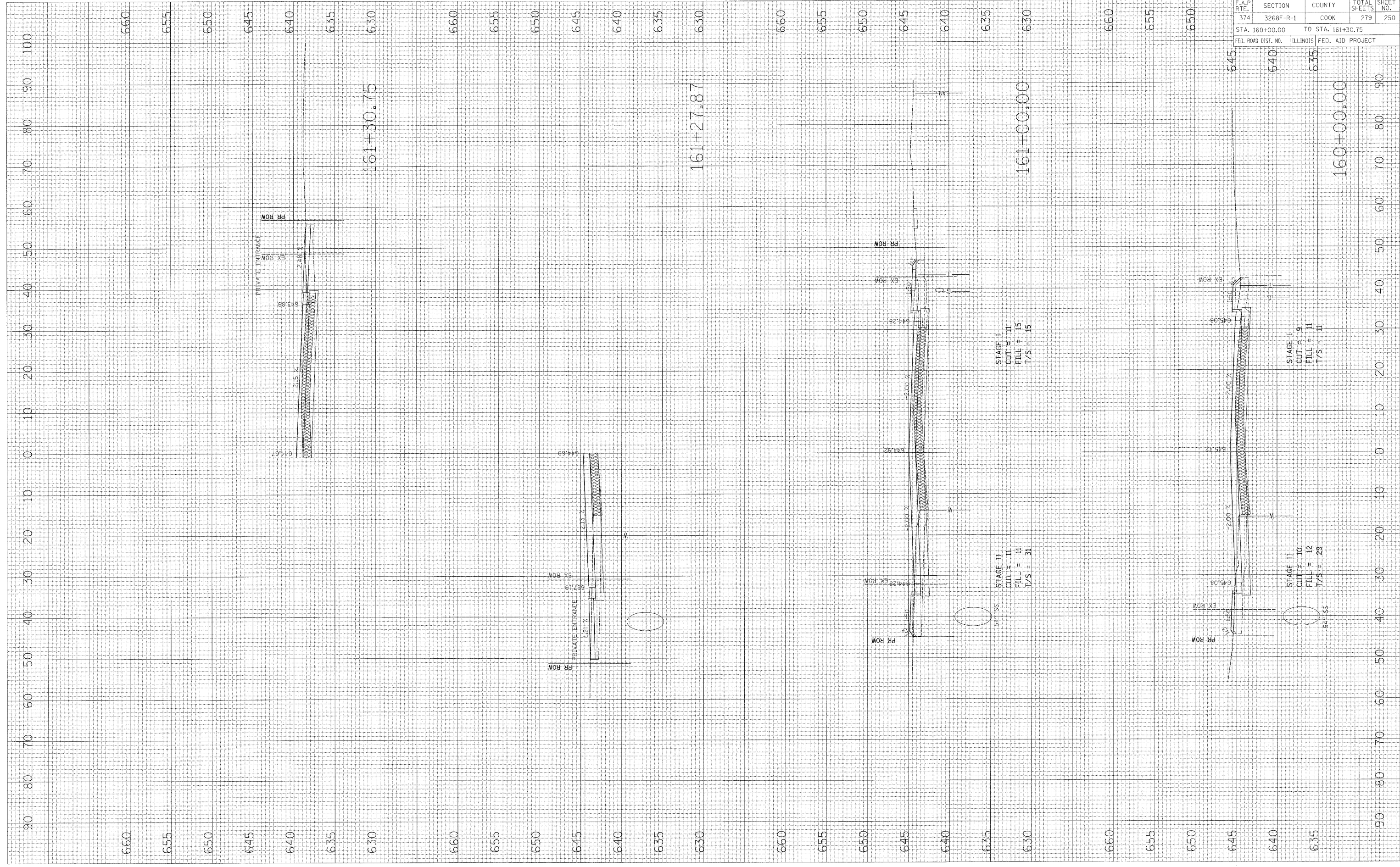
CONTRACT NO. 62387	
F.A.P. RTE. 374	SECTION 3268F R-1
COUNTY COOK	TOTAL SHEETS 279
STA. 157+46.20	TO STA. 159+38.47
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

IL ROUTE 21

PLOT DATE = 8/24/18
 FILE NAME = 814118
 PLOT SCALE = 8.5/1
 USER NAME = BUSER

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

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



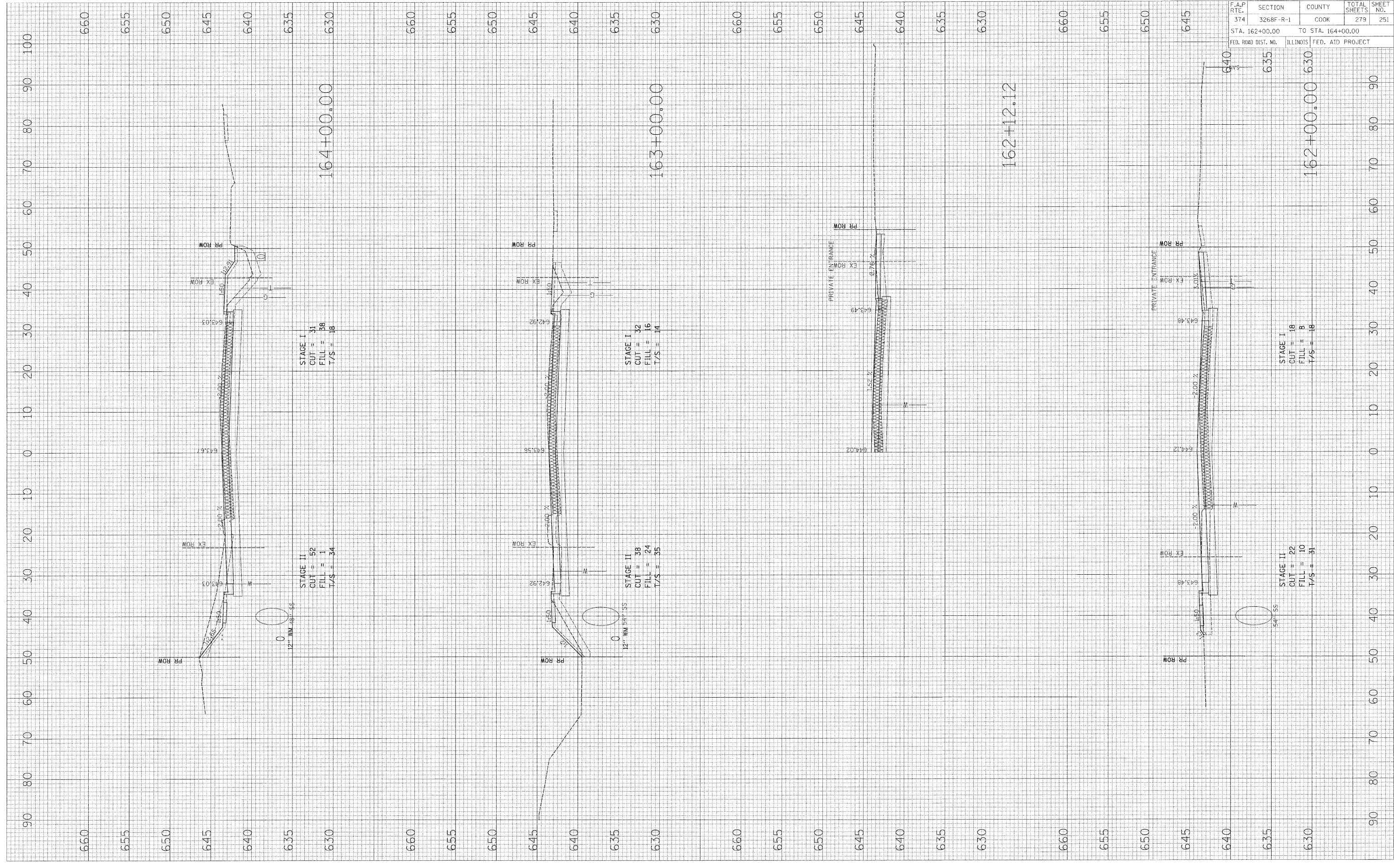
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	250
STA. 160+00.00		TO STA. 161+30.75		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

IL ROUTE 21

PLOT DATE = 04/15/18
 FILE NAME = 17FILE18
 PLOT SCALE = 1/4"=1'-0"
 USER NAME = MUSER18

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

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



CONTRACT NO. 62387	
F.A.P. RTE. 374	SECTION 3268F R-1
COUNTY COOK	TOTAL SHEETS 279
SHEET NO. 251	
STA. 162+00.00	TO STA. 164+00.00
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

IL ROUTE 21

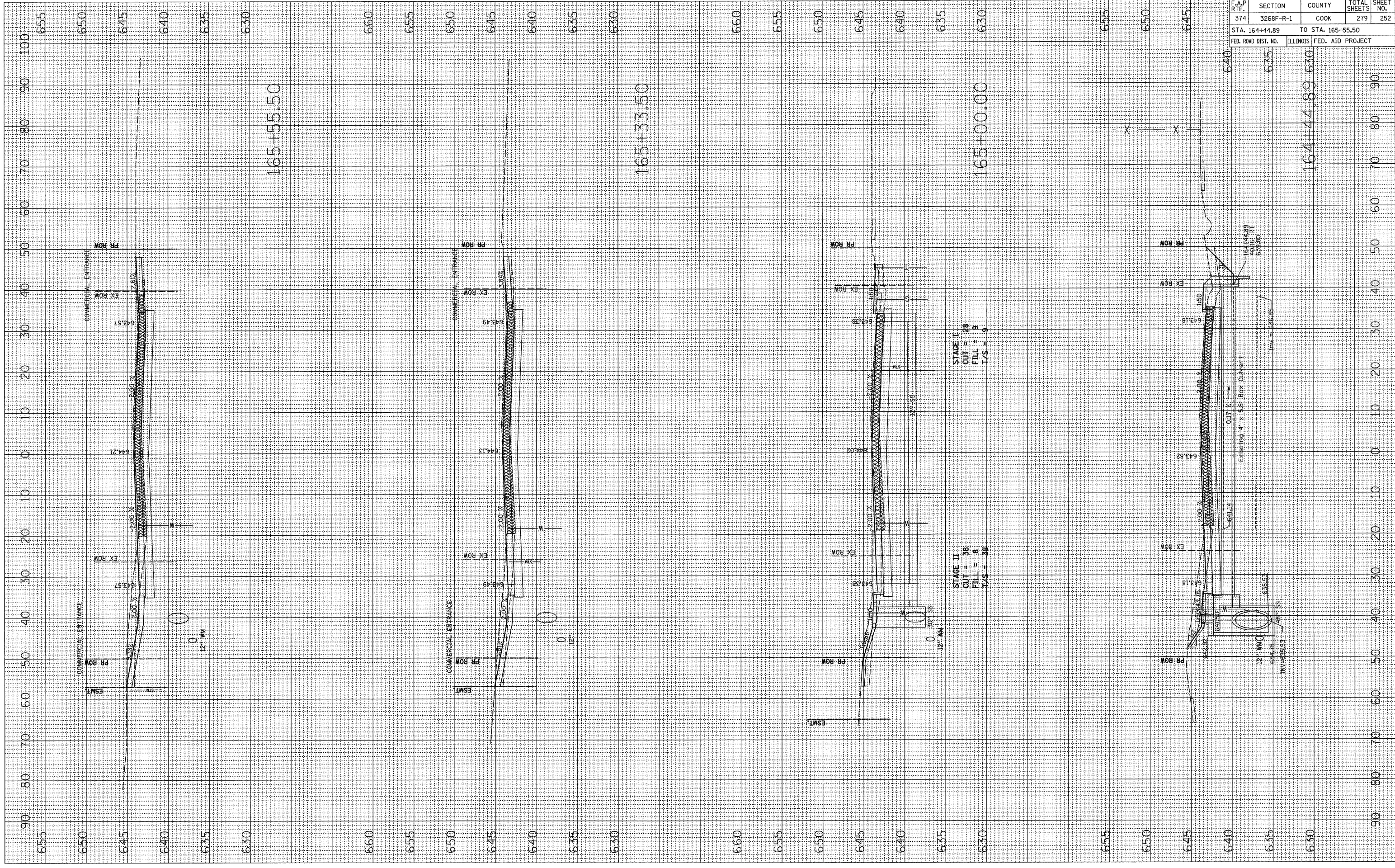
PLOT DATE = 04/25/08
 FILE NAME = HELLER
 PLOT SCALE = 1/4"=1'-0"
 USER NAME = AUSERS

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

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

BY DATE

BY DATE



CONTRACT NO. 62387			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
374	3268F-R-1	COOK	279
STA. 164+44.89		TO STA. 165+55.50	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

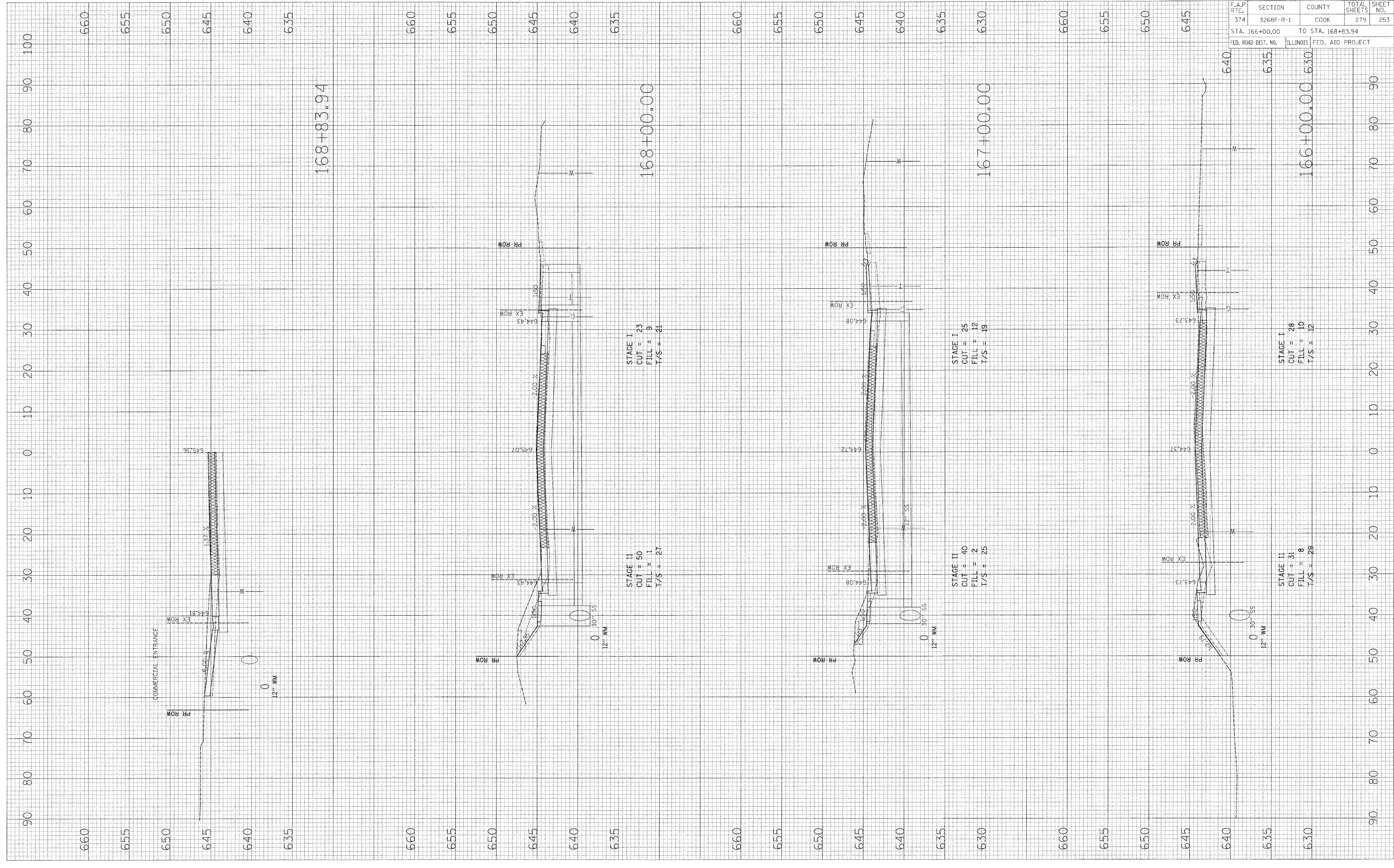
IL ROUTE 21

PLOT DATE = \$DATE\$
 FILE NAME = \$FILE\$
 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

ORIGINAL SURVEY NO. _____
 SURVEYED BY _____
 NOTE BOOK NO. _____
 TEMPLATE AREAS CHECKED _____

FINAL SURVEY NO. _____
 SURVEYED BY _____
 NOTE BOOK NO. _____
 TEMPLATE AREAS CHECKED _____

DATE _____
 BY _____



F.A.P. RTE. 374	SECTION 3268F-R-1	COUNTY COOK	TOTAL SHEETS 279	SHEET NO. 253
STA. 166+00.00		TO STA. 168+83.94		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 62387

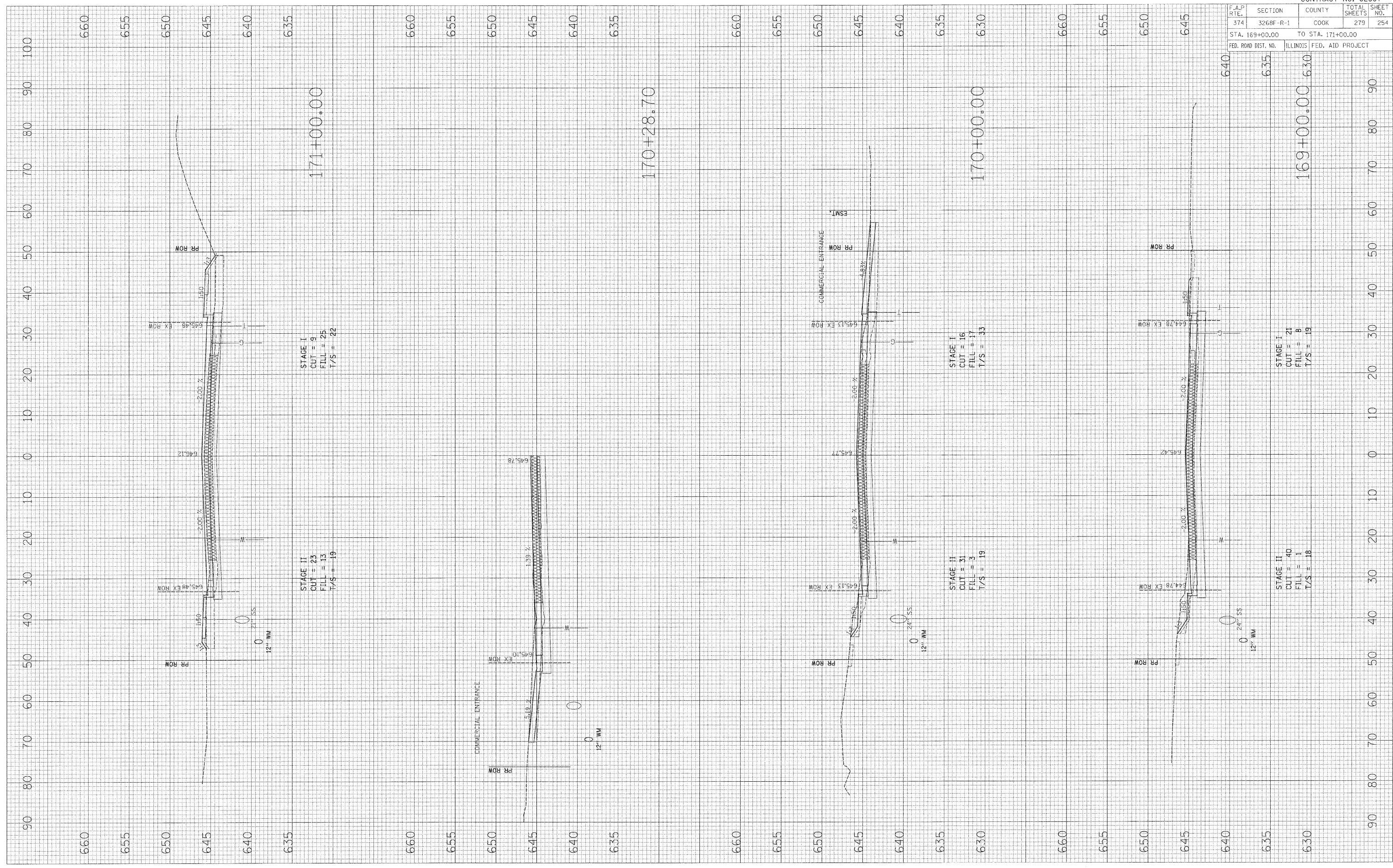
IL ROUTE 21

PLOT DATE = ADATERS
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

ORIGINAL SURVEY NO. _____
 SURVEY NO. _____
 TEMPLATE NO. _____
 AREAS CHECKED _____

FINAL SURVEY NO. _____
 SURVEY NO. _____
 TEMPLATE NO. _____
 AREAS CHECKED _____

BY _____ DATE _____



F.A.P. RTE. 374		SECTION 326BF-R-1	COUNTY COOK	TOTAL SHEETS 279	SHEET NO. 254
STA. 169+00.00		TO STA. 171+00.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT			

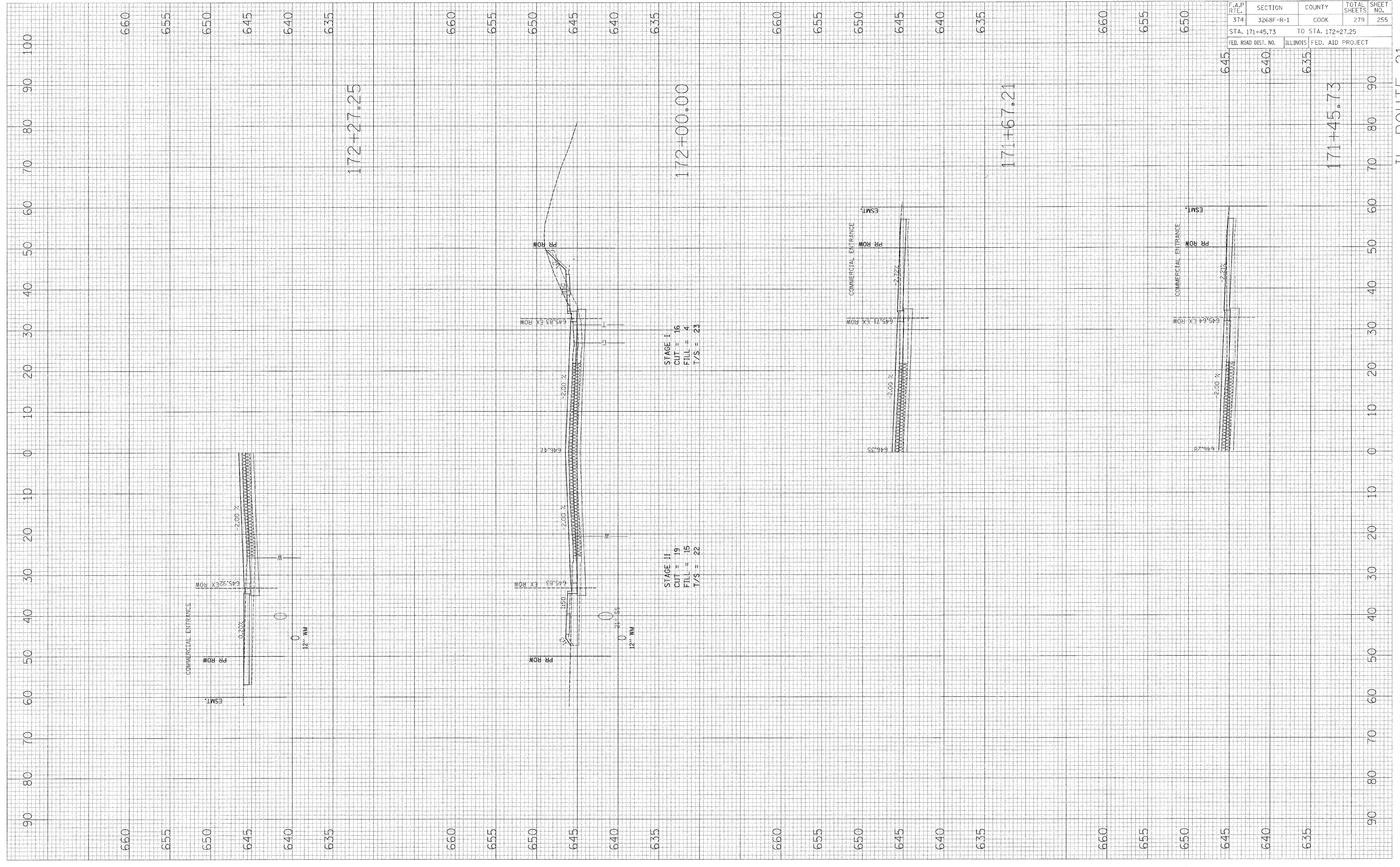
CONTRACT NO. 62387

IL ROUTE 21

PLOT DATE = DATE*
 FILE NAME = FILEL*
 PLOT SCALE = SCALE*
 USER NAME = USER*

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

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



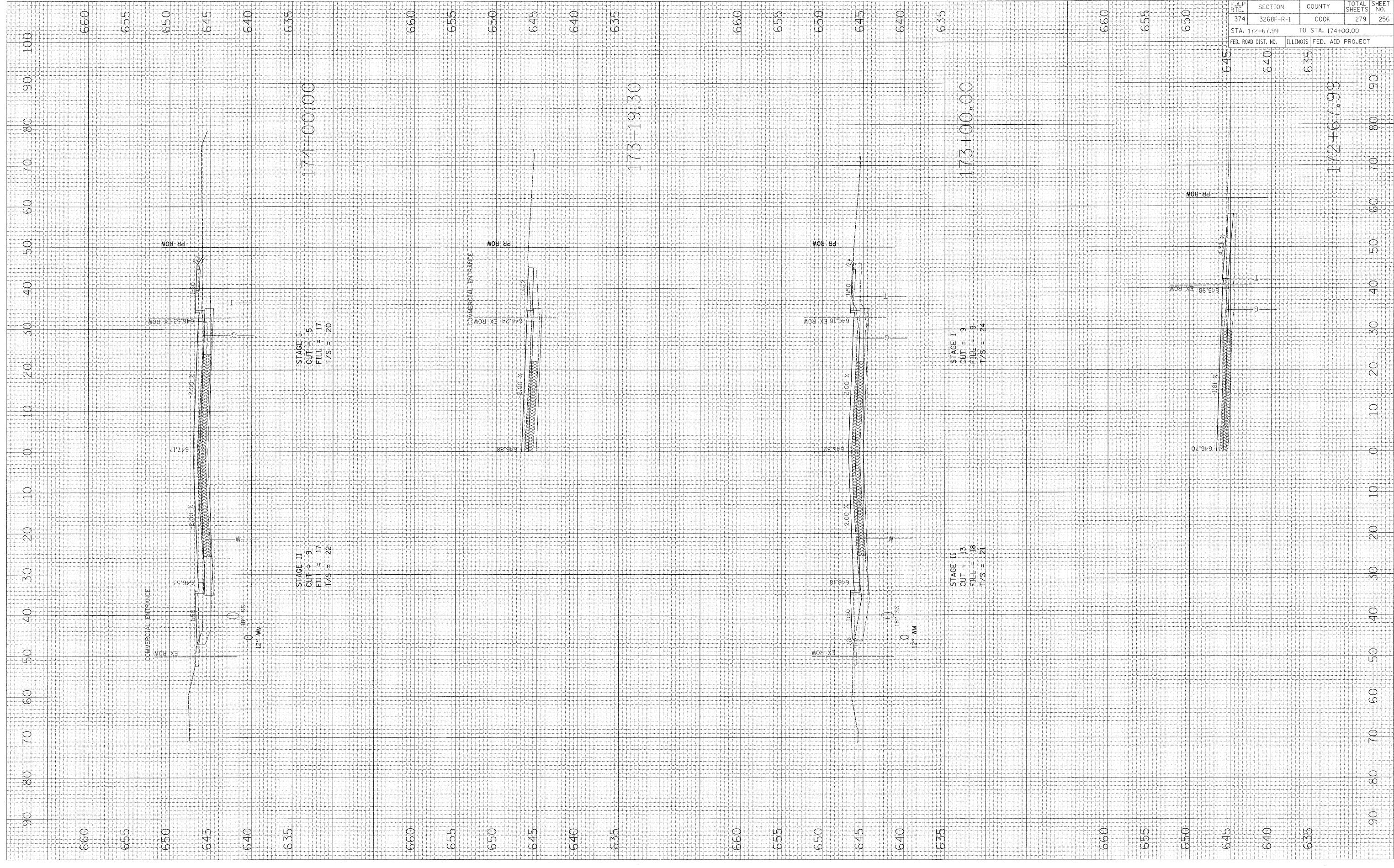
F.A.P. R.T.E.		CONTRACT NO. 62387	
374	3268F-R-1	COOK	TOTAL SHEETS 279
STA. 171+45.73		TO STA. 172+27.25	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

IL ROUTE 21

PLOT DATE = %DATE%
 FILE NAME = %FILE%
 PLOT SCALE = %SCALE%
 USER NAME = %USER%

ORIGINAL SURVEY
 SURVEY NO. _____
 DATE _____
 BY _____

FINAL SURVEY
 SURVEY NO. _____
 DATE _____
 BY _____



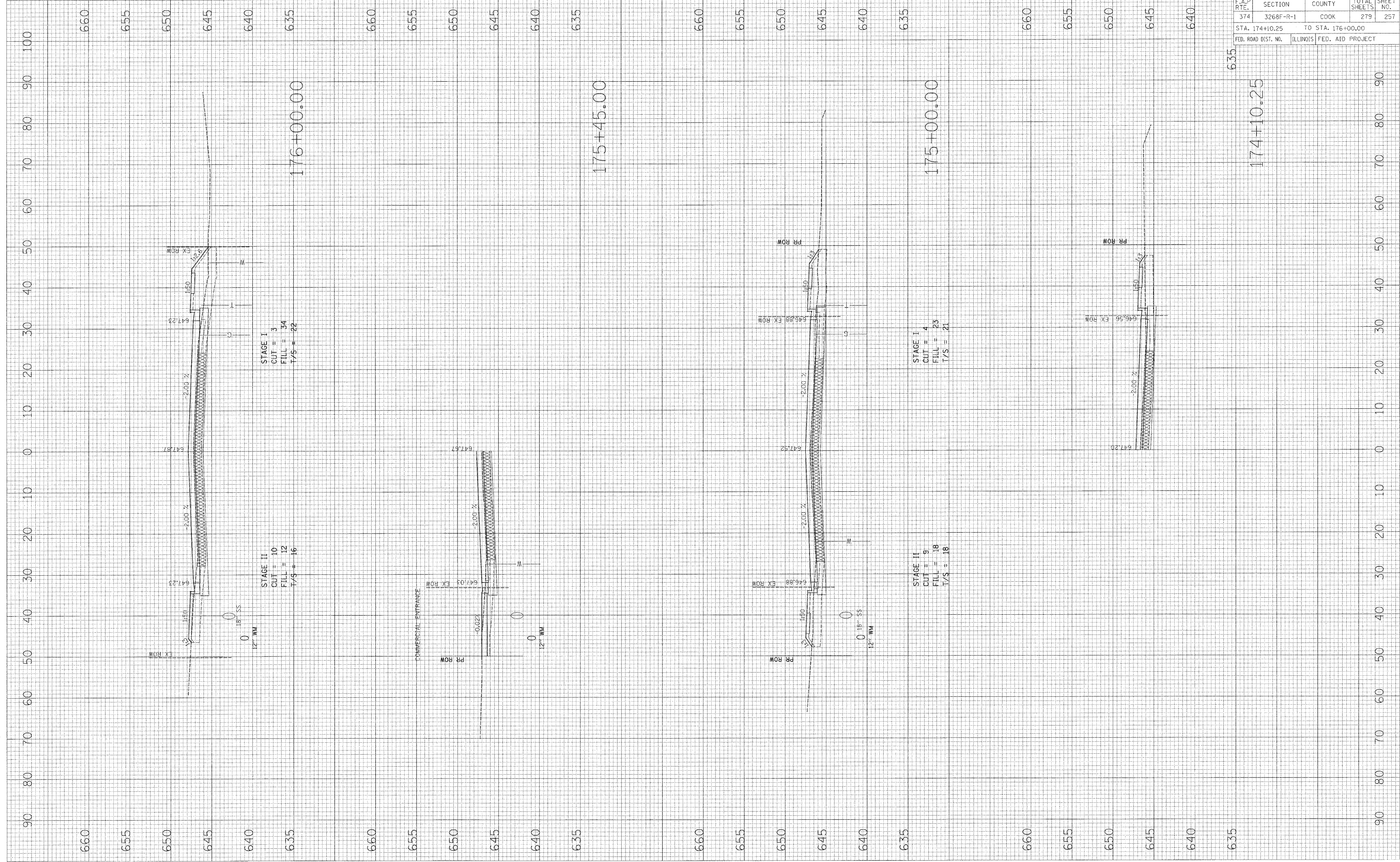
CONTRACT NO. 62387	
F.A.P. RTE. 374	SECTION 3268F R-1
COUNTY COOK	TOTAL SHEETS 279
SHEET NO. 256	
STA. 172+67.99	TO STA. 174+00.00
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

IL ROUTE 21

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

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

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

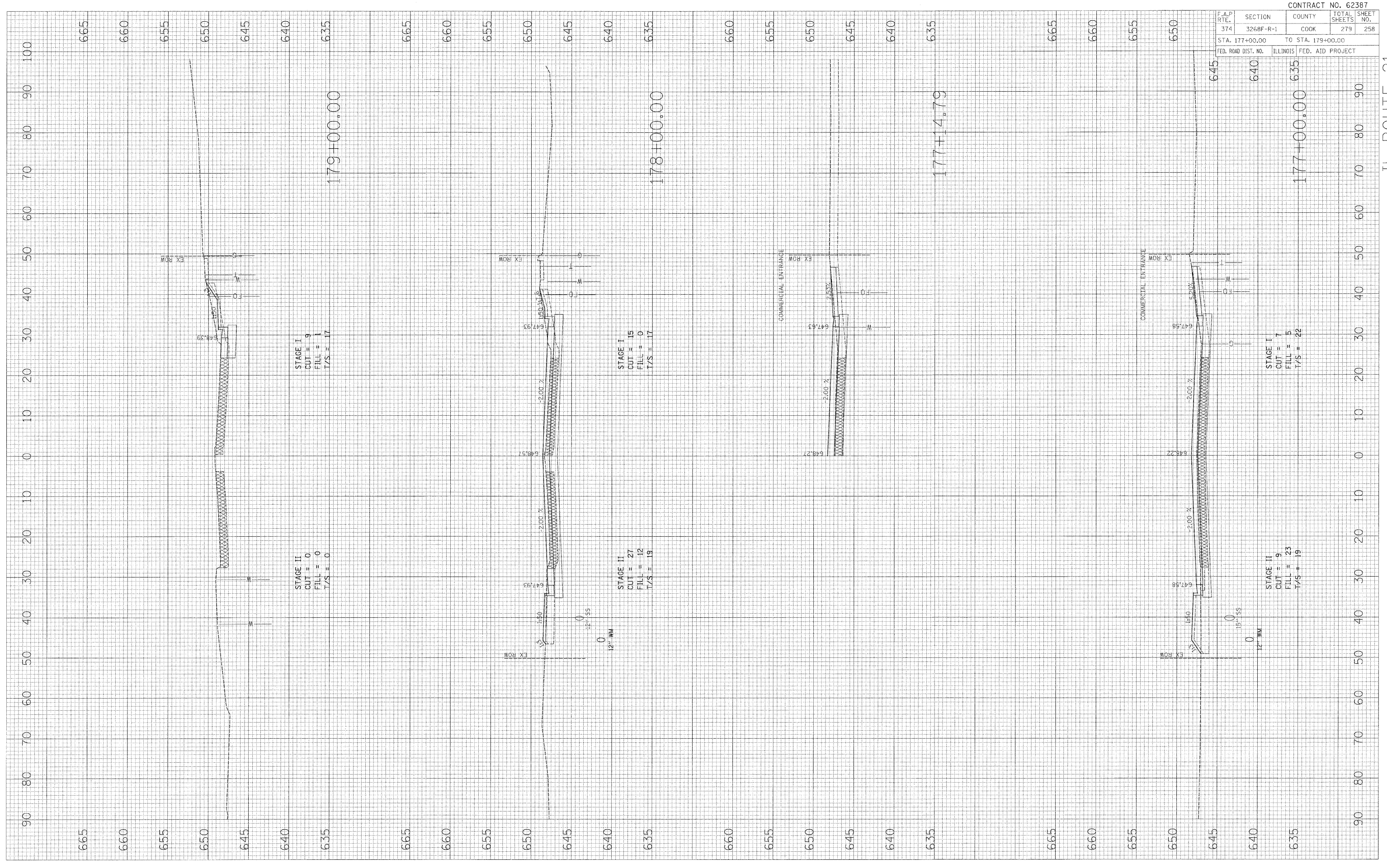


CONTRACT NO. 62387			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
374	3268F-R-1	COOK	279
STA. 174+10.25		TO STA. 176+00.00	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

PLOT DATE = \$DATE\$
 FILE NAME = \$FILE\$
 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

ORIGINAL SURVEY BY: _____ DATE: _____
 SURVEYED BY: _____
 NOTE BOOK NO.: _____
 TEMPLATE AREAS CHECKED: _____

FINAL SURVEY BY: _____ DATE: _____
 SURVEYED BY: _____
 NOTE BOOK NO.: _____
 TEMPLATE AREAS CHECKED: _____



F.A.P. RTE. 374	SECTION 3268F-R-1	COUNTY COOK	TOTAL SHEETS 279	SHEET NO. 258
STA. 177+00.00		TO STA. 179+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 62387

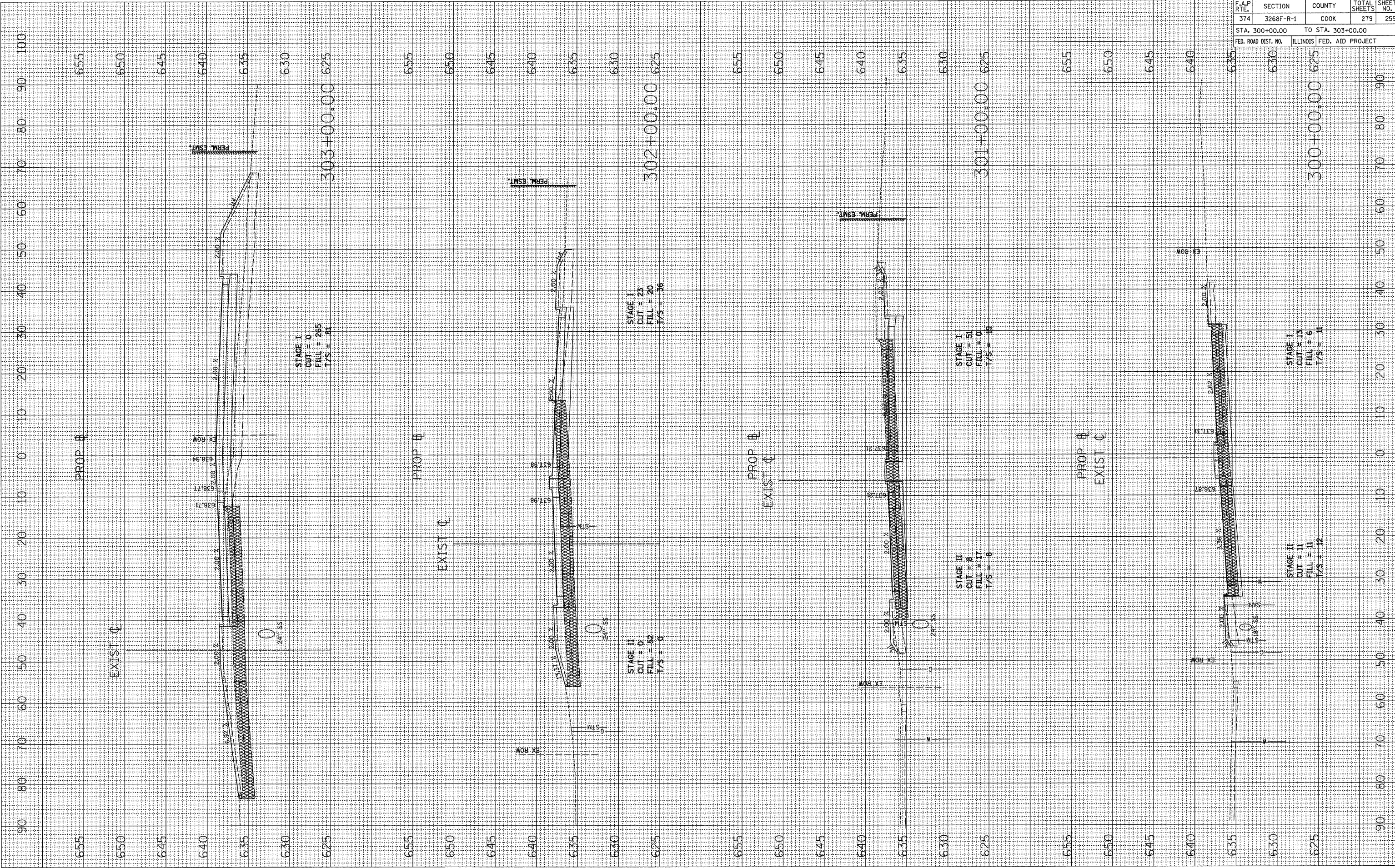
IL ROUTE 21

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	259
STA. 300+00.00		TO STA. 303+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
NO.		

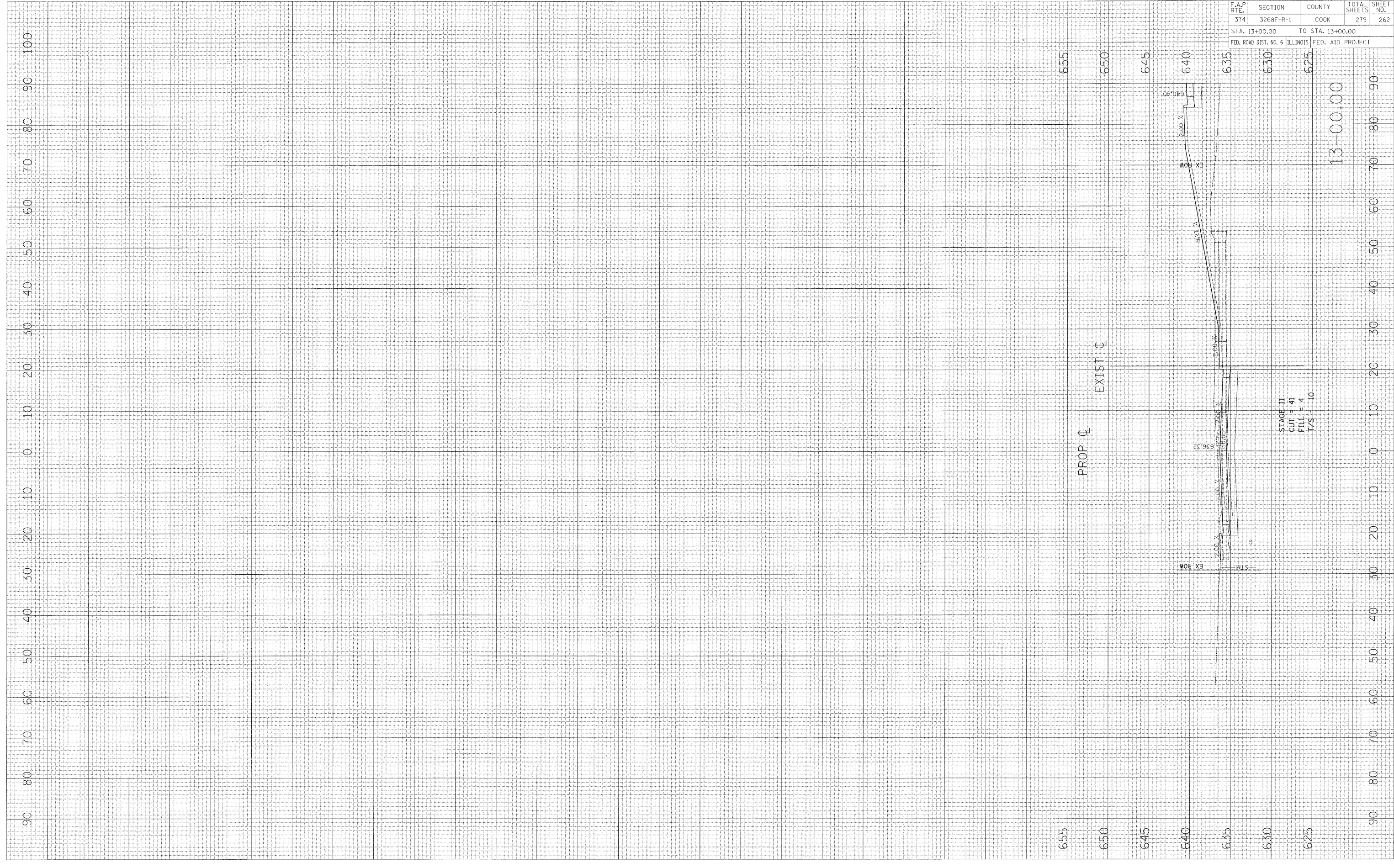
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 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#



PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

ORIGINAL SURVEY
 SURVEYED BY _____ DATE _____
 NOTE BOOK NO. _____
 TEMPLATE AREAS CHECKED _____

FINAL SURVEY
 SURVEYED BY _____ DATE _____
 NOTE BOOK NO. _____
 TEMPLATE AREAS CHECKED _____



CONTRACT NO. 62387				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	262
STA. 13+00.00		TO STA. 13+00.00		
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				

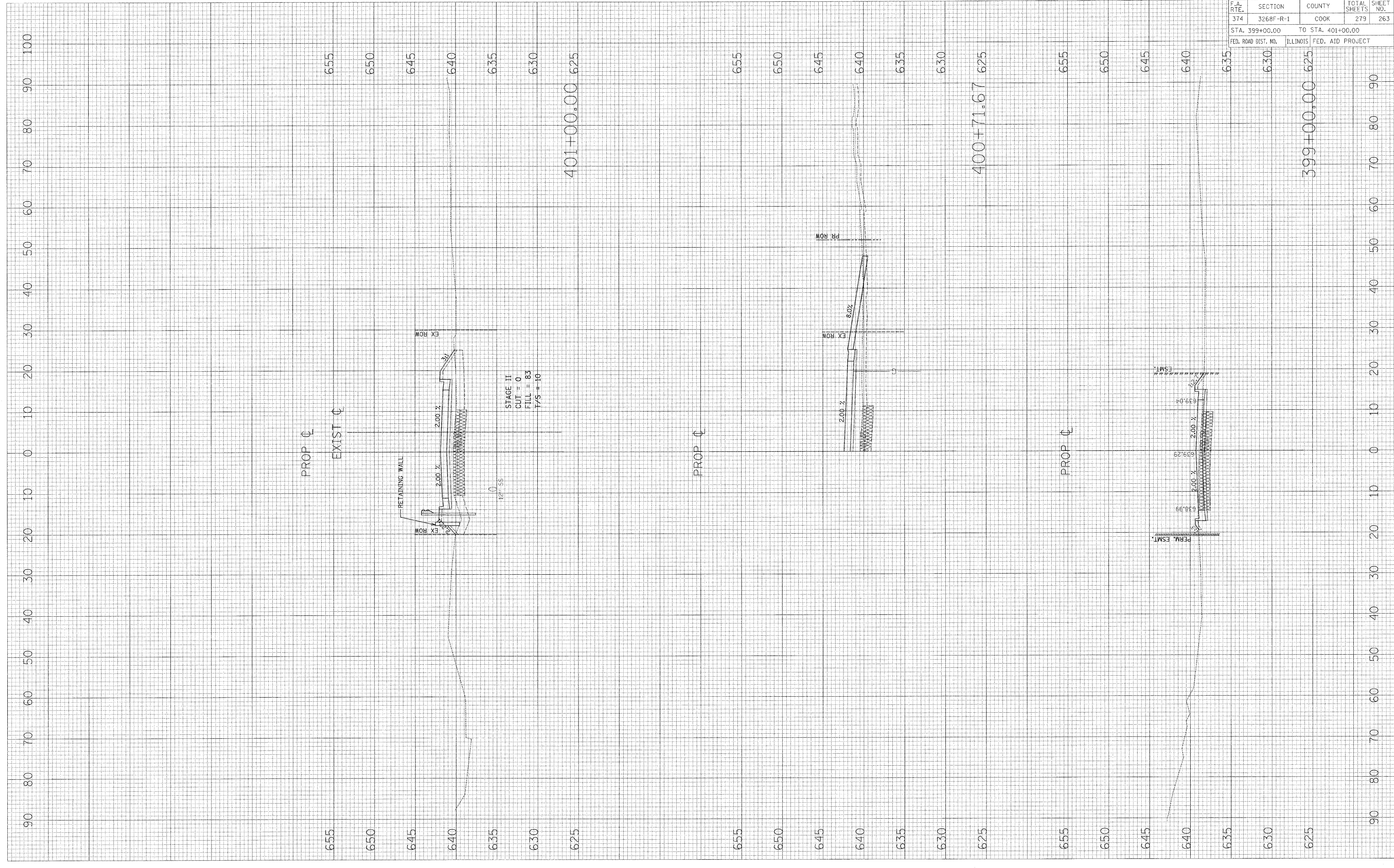
ACCESS ROAD

PLOT DATE = 04/15/18
 FILE NAME = 041518
 PLOT SCALE = 1"=40'
 USER NAME = USER

ORIGINAL SURVEY
 SURVEYED BY
 NOTE BOOK NO.
 TEMPLATE AREAS CHECKED

FINAL SURVEY
 SURVEYED BY
 NOTE BOOK NO.
 TEMPLATE AREAS CHECKED

DATE
 BY



CONTRACT NO. 62387				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
374	3268F-R-1	COOK	279	263
STA. 399+00.00		TO STA. 401+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

399+00.00 625

WINKELMAN ROAD

PLOT DATE = \$DATE\$
 FILE NAME = \$FILE\$
 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

ORIGINAL SURVEY
 SCHEMATIC SURVEY
 NOTE BOOK NO.
 CHECKED AREAS
 BY DATE

FINAL SURVEY
 SCHEMATIC SURVEY
 NOTE BOOK NO.
 CHECKED AREAS
 BY DATE



































CONTRACT NO. 62387			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
374	3268F-R-1	COOK	279
STA. 402+00.00		TO STA. 402+75.00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

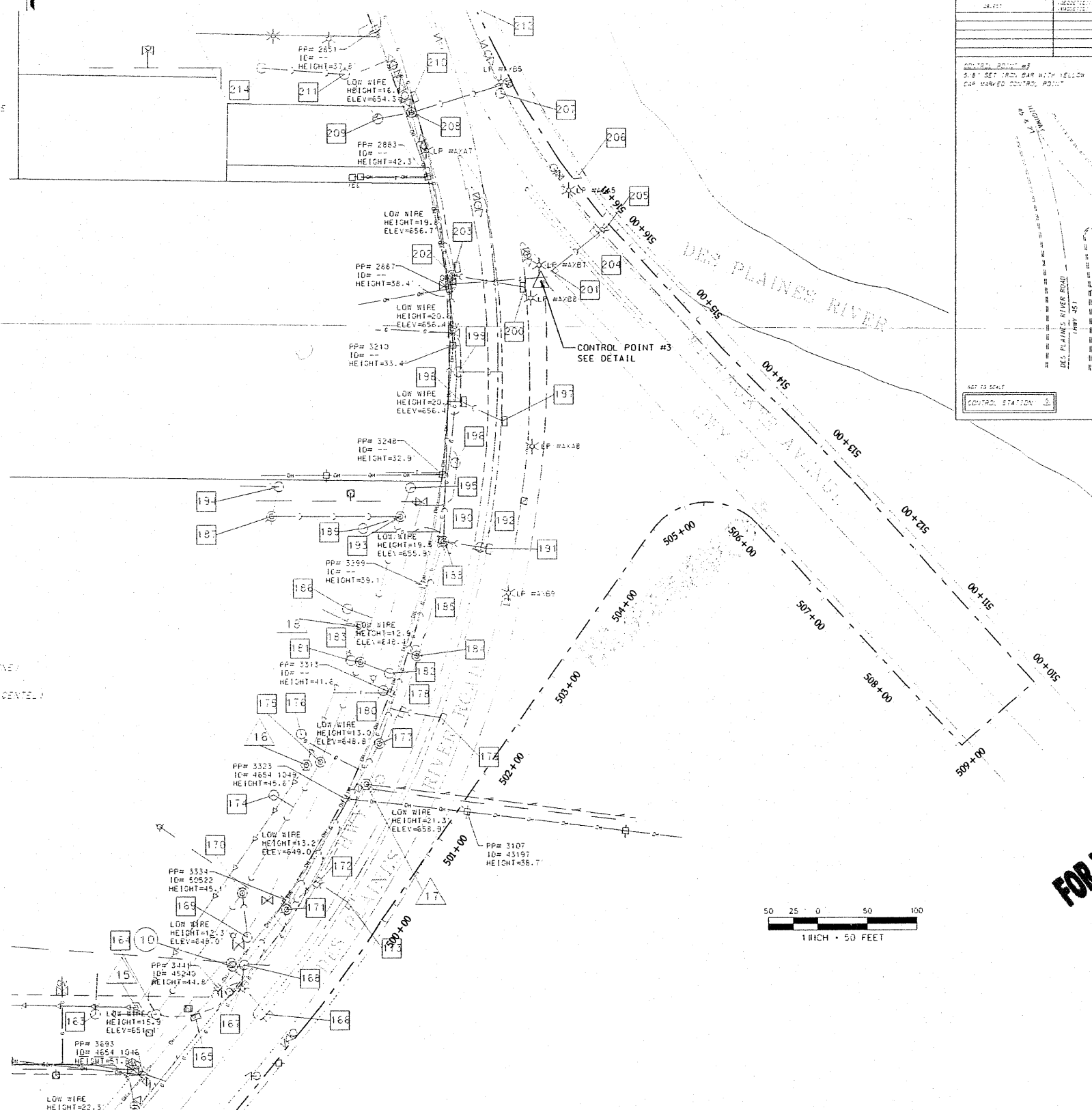
402+00.00 625
 402+75.00 625

WINKELMAN ROAD

LEGEND

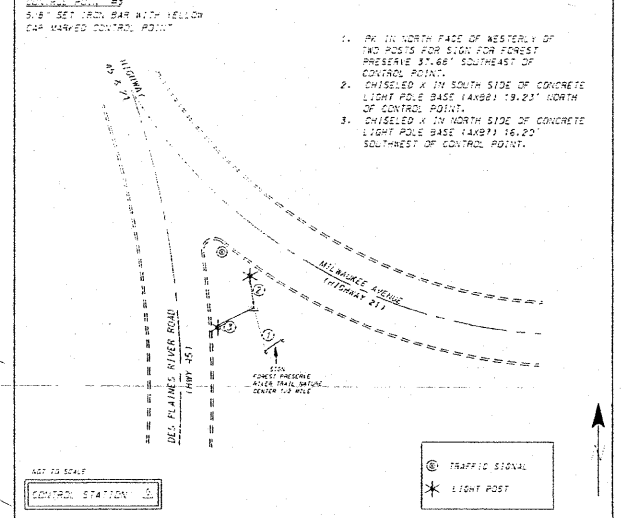
-  - STORM SEWER TAG
-  - WATERMAIN TAG
-  - SANITARY SEWER TAG
-  - NATURAL GAS VALVE (VICOR)
-  - NATURAL GAS LINE (VICOR)
-  - OVERHEAD POWER, TELEPHONE, CATV LINES
-  - UTILITY POLE
-  - FIRE HYDRANT
-  - WATER VALVE
-  - WATER VALVE VAULT
-  - WATER SERVICE VALVE (BBOX)
-  - WATERMAIN
-  - FLARED END SECTION OR HEADWALL
-  - STORM SEWER LINE
-  - CATCH BASIN
-  - STORM SEWER MANHOLE
-  - CURB INLET
-  - AT&T FIBER OPTIC LINE (UNDERGROUND)
-  - SANITARY SEWER LINE
-  - SANITARY SEWER FORCEMAIN
-  - SANITARY MANHOLE
-  - COVED MANHOLE
-  - COVED UTILITY RISER
-  - UNDERGROUND COVED ELECTRIC LINE
-  - STREET LIGHT
-  - PHONE RISER (AMERITECH OR CENTEL)
-  - UNDERGROUND TELEPHONE (AMERITECH OR CENTEL)
-  - TRAFFIC SIGNAL HANDHOLE
-  - TRAFFIC SIGNAL DOUBLE HANDHOLE
-  - I.D.C.T. TRAFFIC CONTROLLER BOX
-  - TRAFFIC SIGNAL
-  - CONTROL POINT

FOR INFORMATION ONLY

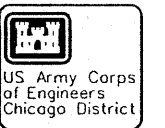


CONTROL POINT DETAIL

CONTROL POINT #1	CONTROL POINT #2	CONTROL POINT #3
POINT OF INTERSECTION OF MILWAUKEE AVENUE AND RIVER BLUFFS	POINT OF INTERSECTION OF MILWAUKEE AVENUE AND RIVER BLUFFS	POINT OF INTERSECTION OF MILWAUKEE AVENUE AND RIVER BLUFFS
COORDINATES: 115824.11, 115824.11	COORDINATES: 115824.11, 115824.11	COORDINATES: 115824.11, 115824.11
HEIGHT: 437.53	HEIGHT: 437.53	HEIGHT: 437.53
ESTABLISHED BY: JG	ESTABLISHED BY: JG	ESTABLISHED BY: JG
DATE: 02/05/2008	DATE: 02/05/2008	DATE: 02/05/2008



FOR INFORMATION ONLY



SYMBOL	AMENDMENT DESCRIPTION	DATE APPROVED	SYMBOL	DESCRIPTION	DATE APPROVED

DESIGNED BY: DATE: 02/05/2008	SCALE: AS SHOWN	DATE: 02/05/2008
DRAWN BY: DB	CHECKED BY: JG	DATE: 02/05/2008
PROJECT: U.S. ARMY ENGINEER DISTRICT CHICAGO, ILLINOIS	SECTION: ROUTE 374, MILWAUKEE AVE SECTION 3268F-R-1	DATE: 02/05/2008
DESIGNED BY: JG	CHECKED BY: JOHN GROBOSKI	DATE: 02/05/2008
DRAWN BY: DB	CHECKED BY: JG	DATE: 02/05/2008
PROJECT: U.S. ARMY ENGINEER DISTRICT CHICAGO, ILLINOIS	SECTION: ROUTE 374, MILWAUKEE AVE SECTION 3268F-R-1	DATE: 02/05/2008

U.S. ARMY ENGINEER DISTRICT
CHICAGO, ILLINOIS

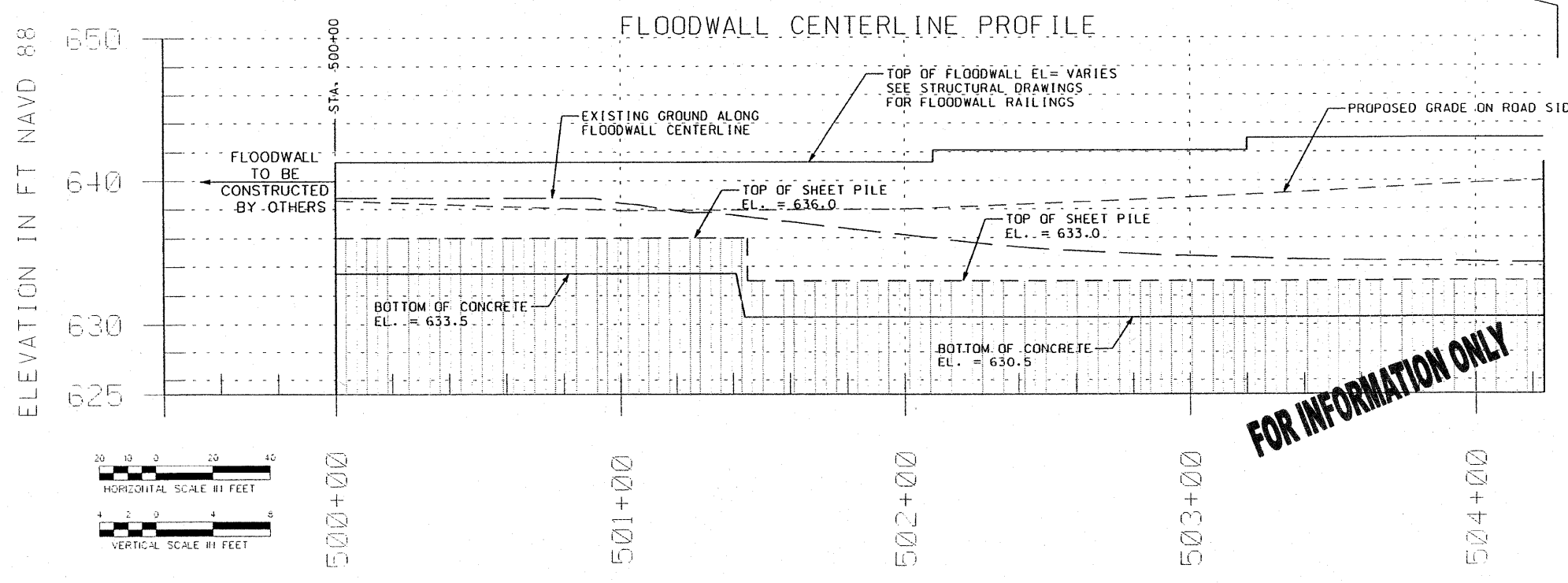
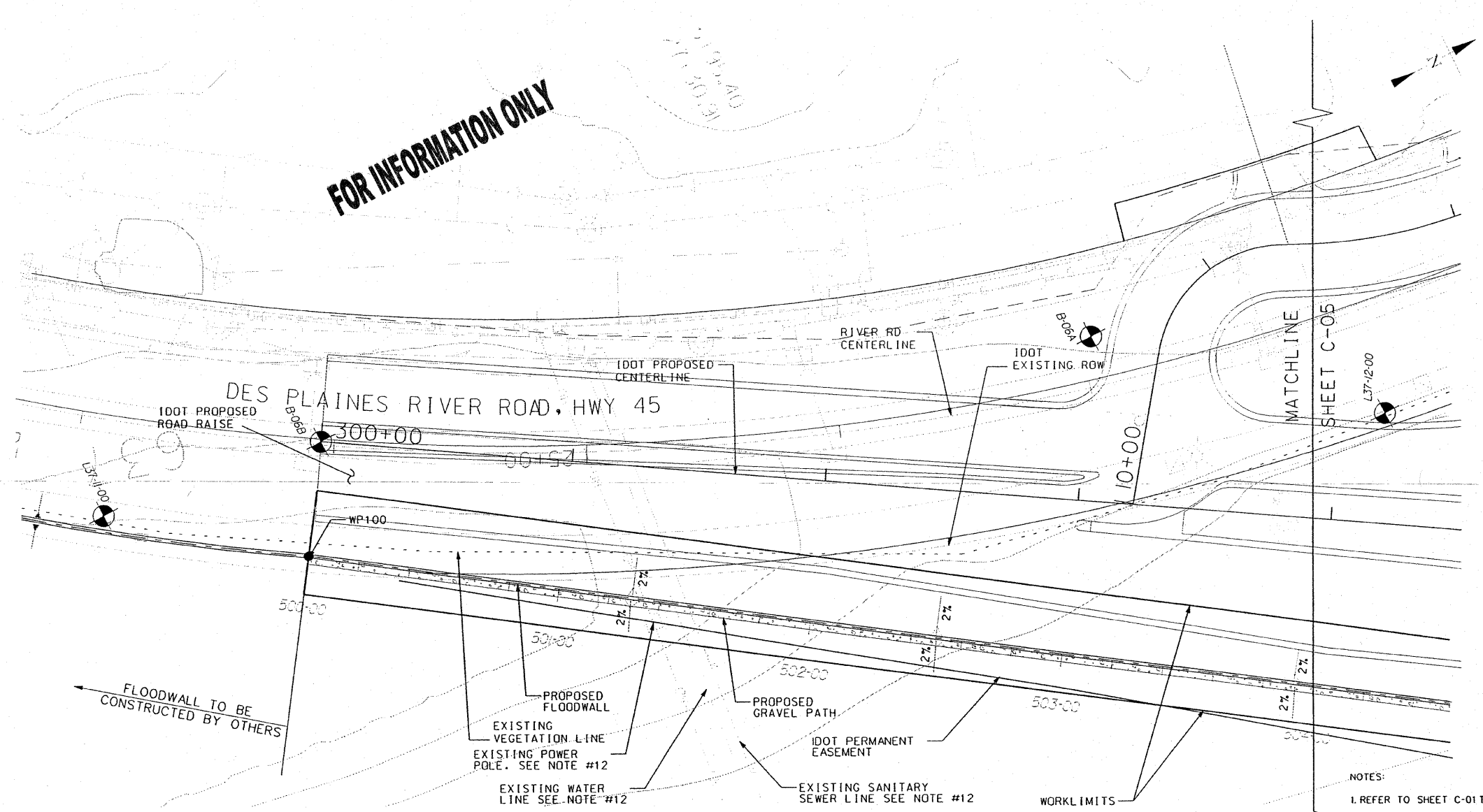
ROUTE 374, MILWAUKEE AVE
SECTION 3268F-R-1

FLOODWALL
SURVEY OF EXISTING
UTILITIES

SHEET REFERENCE NUMBER:
C-01

SHEET 266 OF 278

FOR INFORMATION ONLY



- NOTES:
1. REFER TO SHEET C-01 TO C-02 FOR UTILITY SURVEY.
 2. REFER TO STRUCTURAL SHEET FOR FLOODWALL DETAIL.
 3. DES PLAINES RIVER ROAD AND MILWAUKEE ROAD FLOODWALL CENTERLINE STATIONING IS 500+00 TO 516+41.
 4. CONTRACTOR SHALL ADEQUATELY PROTECT OPEN EXCAVATION FROM INTRUSION.
 5. THE SHEET PILE WALL EXTENDS BELOW ELEV. 625. REFER TO STRUCTURAL SHEETS FOR SHEET PILE TIP ELEVATION.
 6. GRAVEL PATH BETWEEN STA. 500+00 - 500+40 AND STA. 513+50 TO 516+41 WILL BE CONSTRUCTED BY OTHERS.
 7. SEE SHEET C-05 FOR GRAVEL PATH DETAILS.
 8. REFER TO IDOT DRAWINGS FOR FLOODWALL CROSS-SECTIONS, PROPOSED GRADE, AND DRAINAGE AT THE FLOODWALL.
 9. REFER TO IDOT DRAWINGS FOR IDOT PROPOSED ROAD RAISE.
 10. ELEVATIONS SHOWN REFER TO ELEVATION IN FEET ABOVE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). NAVD 88 - NGVD 29 - 0.2
 11. THE GRID SYSTEM IS IN FEET AND IN THE ILLINOIS STATE PLANE COORDINATES SYSTEM, EAST ZONE, NORTH AMERICAN DATUM 83 (NAD 83).
 12. THE EXISTING POWER POLE, WATER LINE, AND SANITARY SEWER LINE WILL BE RELOCATED BY OTHERS PRIOR TO CONSTRUCTION.

LEGEND

● WPXX	SSP DRIVING LINE WORK POINT
---	WORK LIMITS
- - -	FLOODWALL CENTERLINE
- - -	PROPOSE GRADE DRAINAGE
⊙	BORING LOG

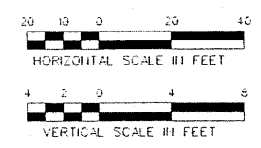
SYMBOL	DESCRIPTION	DATE APPROVED	APPROVED

DESIGNED BY: GA	DATE: 02/05/2008
DRAWN BY: DB	SCALE: AS SHOWN
CHECKED BY: JC	SOLICITATION NUMBER: NA
SUBMITTED BY: JOHN GROBOSKI	DATE: NA

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

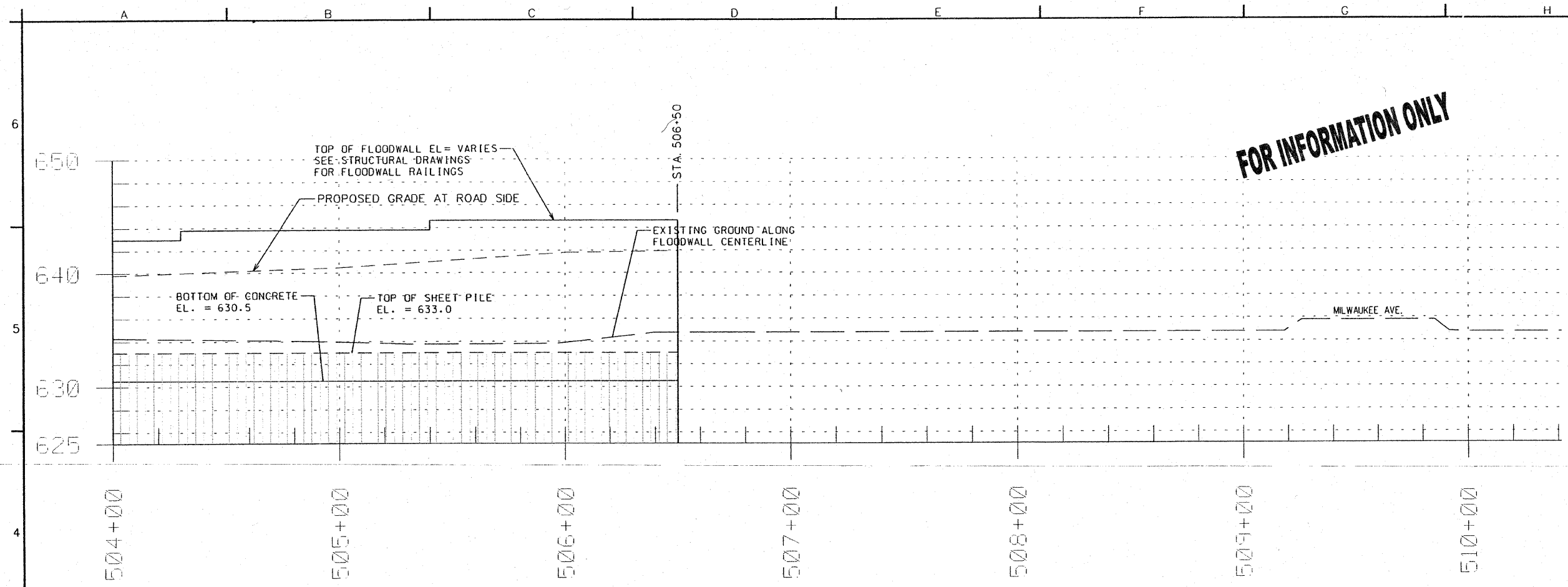
IDOT FAP RT 374 (IL ROUTE 374), MILWAUKEE AVE SECTION 3268F-R-1 FLOODWALL SITE PLAN AND PROFILE STA. 500+00 TO 504+00

SHEET REFERENCE NUMBER: C-04
SHEET 269 OF 279

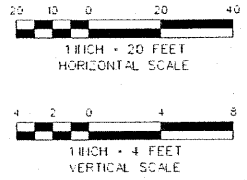
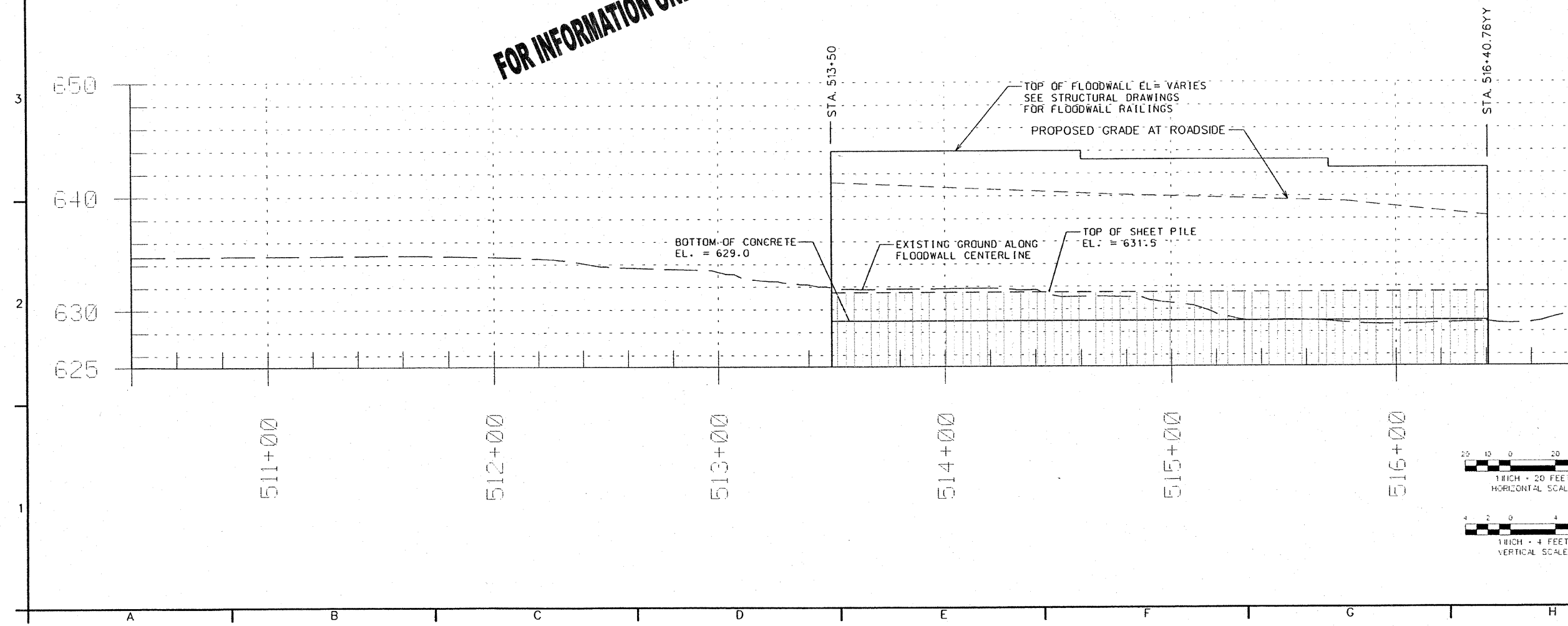




FOR INFORMATION ONLY



FOR INFORMATION ONLY

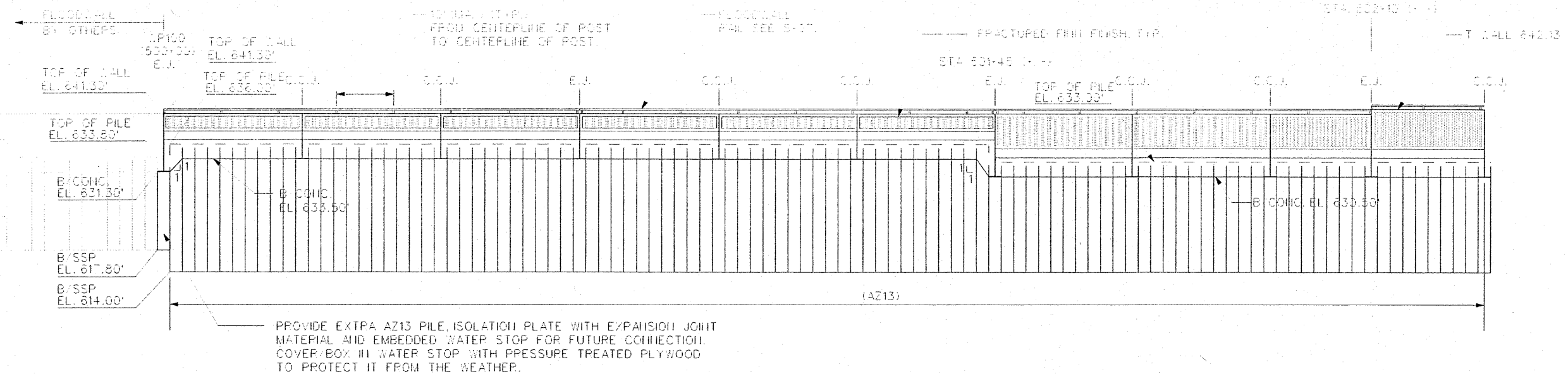


SYMBOL	ACCOMPLISH DESCRIPTION	DATE APPROVED	EMBL	DESCRIPTION	DATE APPROVED

DESIGNED BY: CA	DATE: 02/05/2008	CHECKED BY: JOHN GROBOSKI	DATE:
DRAWN BY: DB	SCALE: AS SHOWN	SUBMITTED BY: 	DATE:
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHICAGO, ILLINOIS		SOCIATION NUMBER: NA	

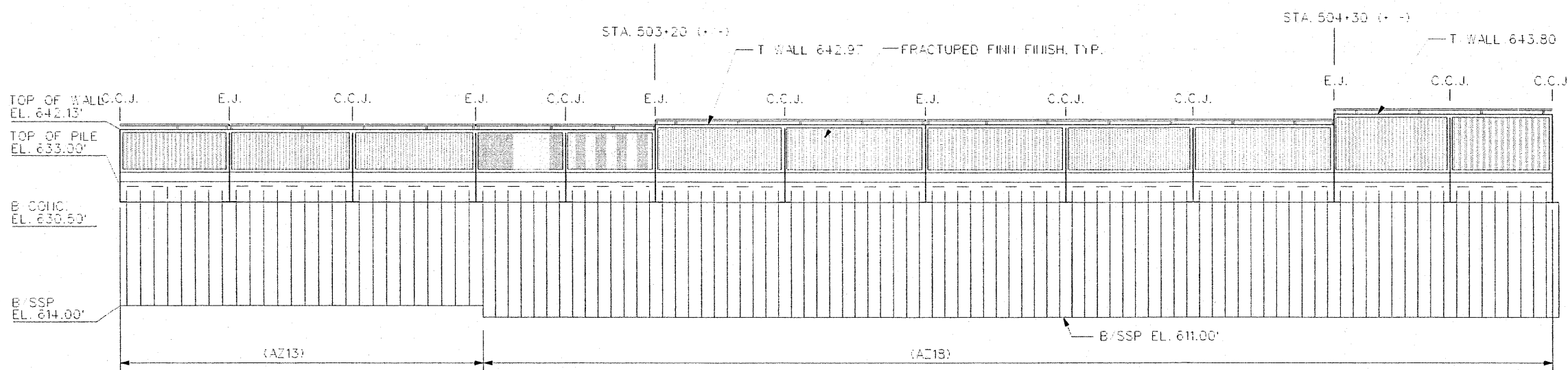
IDOT FAP RT 374 (IL
ROUTE 374), MILWAUKEE AVE
SECTION 326BF-R-1
FLOODWALL
PROFILE
STA. 504+00 TO STA. 516+41

SHEET
REFERENCE
NUMBER:
C-06
SHEET 271 OF 279



FOR INFORMATION ONLY

FLOODWALL ELEVATIONS (RIVERSIDE)



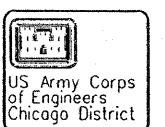
FLOODWALL ELEVATIONS (RIVERSIDE)

GENERAL NOTES

1. EXPANSION/ISOLATION JOINT NOT TO EXCEED 75'. C.J. SPACING SHALL NOT EXCEED 25' O.C. EXPANSION JOINTS ARE REQUIRED AT CHANGES IN WALL CROSS SECTIONS AND AT LOCATIONS WHERE WALLS CHANGE ELEVATION.
2. LOCATION OF EXPANSION AND C.C.J. JOINTS WILL VARY DEPENDING ON THE PILE LOCATION AND TO FALL OVER PILE CENTERLINES.
3. CONTRACTOR SHALL MAINTAIN CENTERLINE OF SSP WITH FLOODWALL CENTERLINE AT BENDS THROUGH USE OF FABRICATED BENDS OR THROUGH ALLOWABLE ROTATION OF SHEET PILE INTERLOCKS. SEE SHEET S-06 FOR TYPICAL CORNER DETAILS. CONTRACTOR SHALL SUBMIT ALL DETAILS FOR APPROVAL WITH SHEET PILE SHOP DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR FINAL LAYOUT OF SHEET PILE TO FIT THE ALIGNMENT AND SHALL SUBMIT ALL DETAILS INCLUDING USE OF SPECIAL SECTIONS TO FIT THE SPECIFIED LENGTHS AND WORK POINT LOCATIONS.
4. CONTRACTOR SHALL PROVIDE TEMPORARY COFFERDAMS AS REQUIRED TO CONSTRUCT ALL STRUCTURES.



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SYMBOL	AMENDMENT DESCRIPTION	DATE	APPROVED SYMBOL	DATE	APPROVED

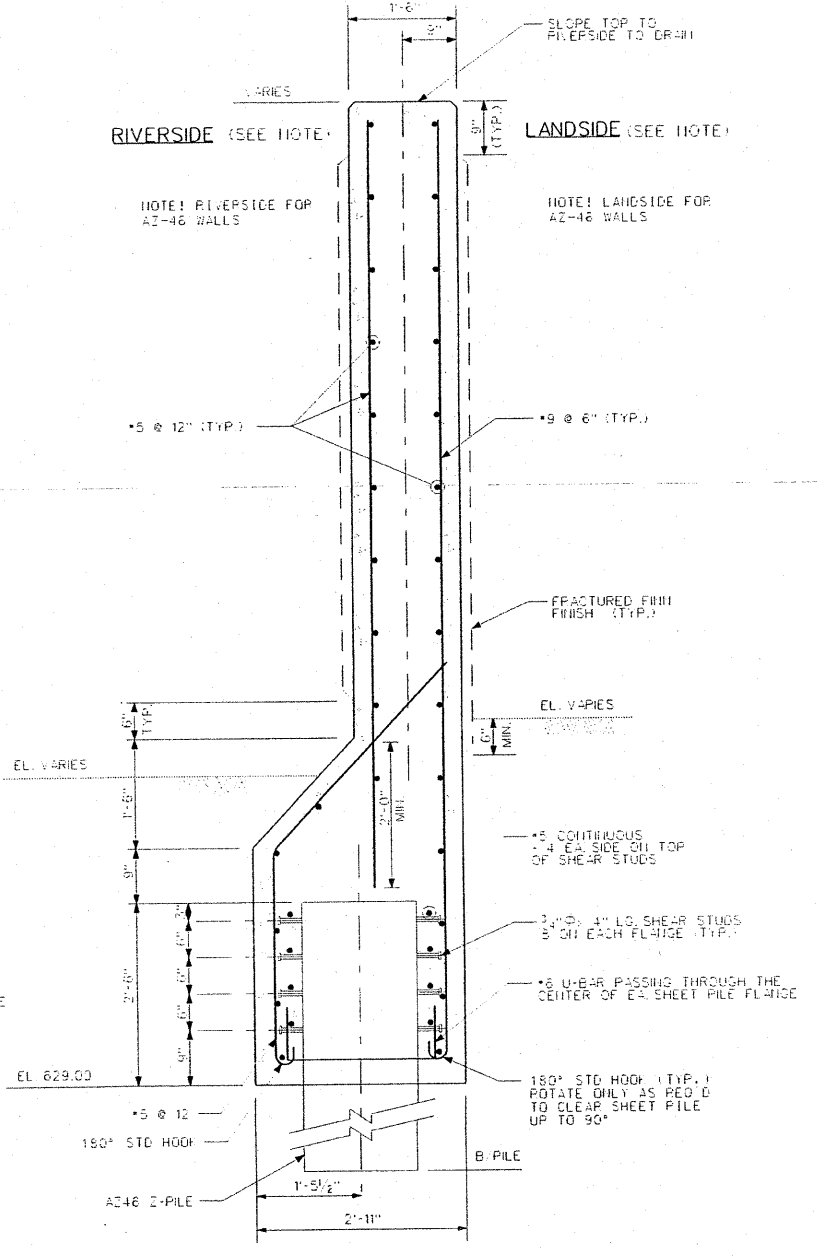
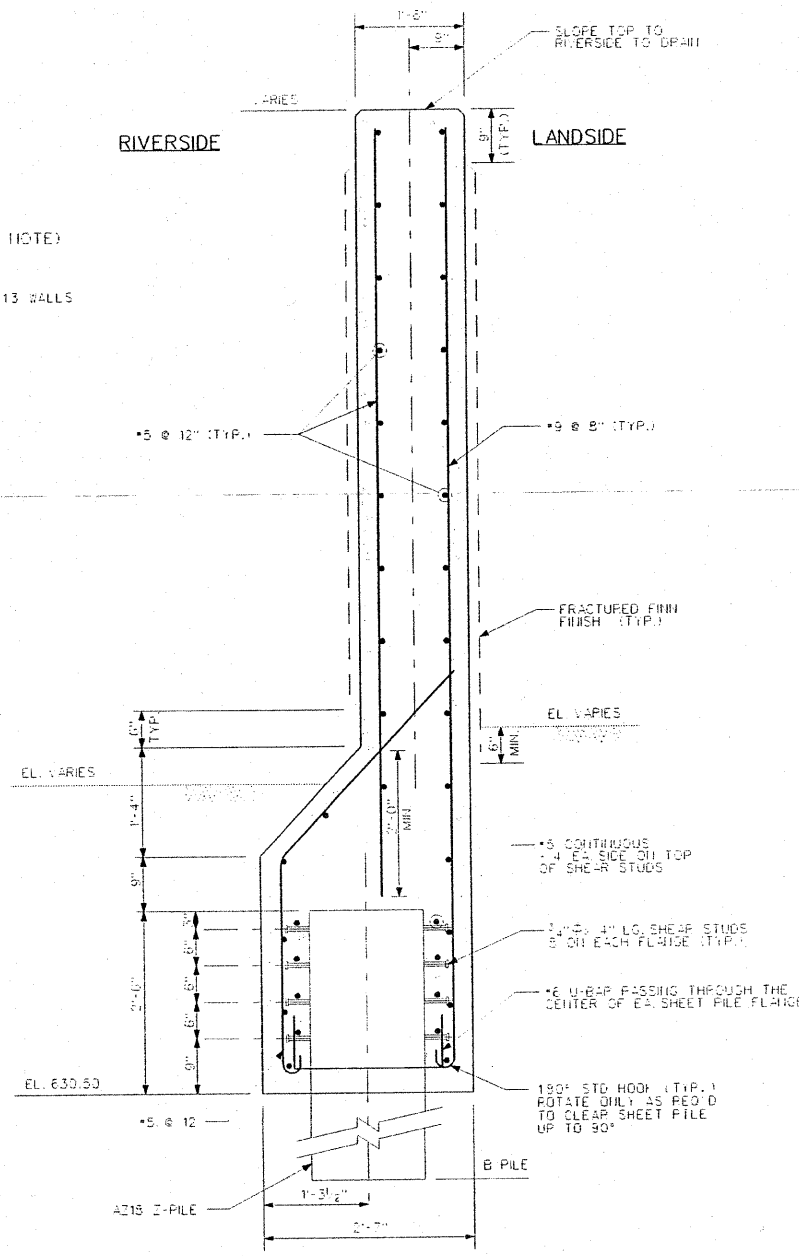
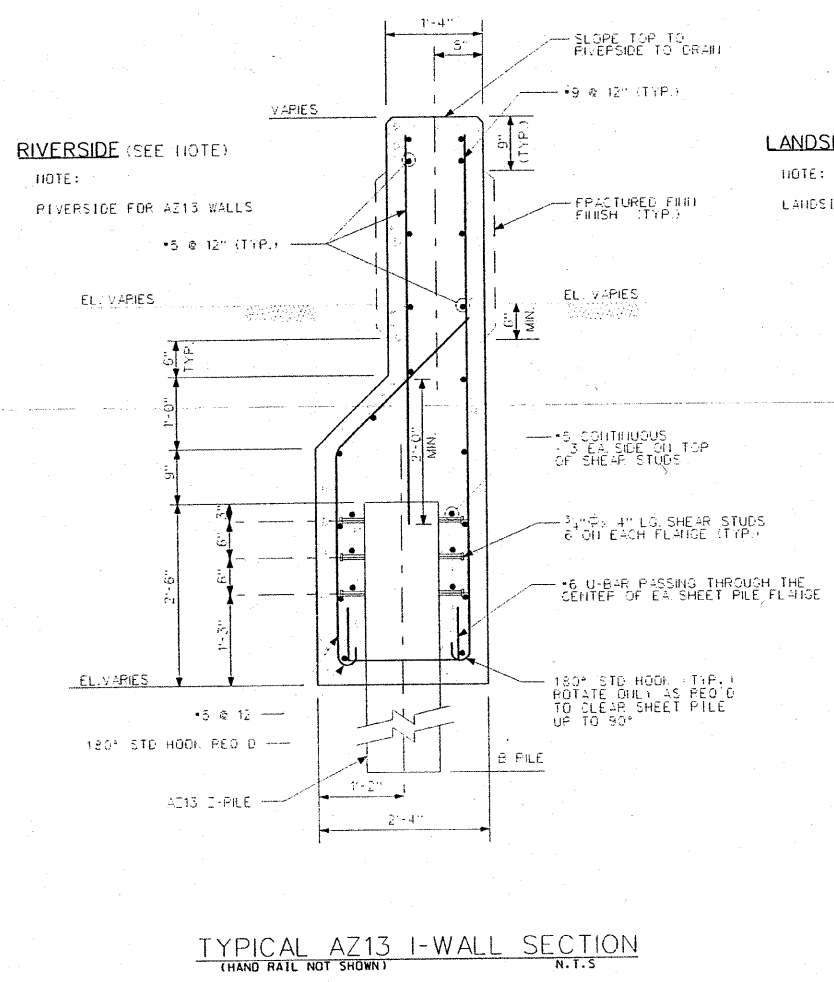
DESIGNED BY DATE: 02/05/2008	J.P.	SCALE: AS SHOWN
DRAWN BY: M.A.N.	CHECKED BY: S.R.T.	REVIEWED BY: J.J.S.
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHICAGO, ILLINOIS		
SOLUTION NUMBER		

IDOT FAP RT 374 (IL
ROUTE 374), MILWAUKEE AVE
SECTION 3268F-R-1
FLOODWALL
STATION 500+00.00
TO STATION 504+63.77

SHEET REFERENCE NUMBER:
S-01
SHEET 273 OF 279

* 272 not used

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FOR INFORMATION ONLY

SYMBOL	ALPHABETIC DESCRIPTION	DATE APPROVED	SYMBOL	ALPHABETIC DESCRIPTION	DATE APPROVED

DESIGNED BY: DATE: 02/05/2008	SCALE: AS SHOWN
DRAWN BY: M.A.N.	CHECKED BY: DESP37-S04-LDGN
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS CHICAGO, ILLINOIS	REVIEWED BY: J.U.S.

IDOT FAP RT 374 (IL ROUTE 374), MILWAUKEE AVE SECTION 3268F-R-1 FLOODWALL SHEET PILE I-WALLS TYPICAL SECTIONS

SHEET REFERENCE NUMBER: S-04
SHEET 276 OF 279

