

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
# 595	(18Z)M-2	ROCK ISLAND	41	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 64E75	

\* IL RTE 5  
**D-92-029-09**



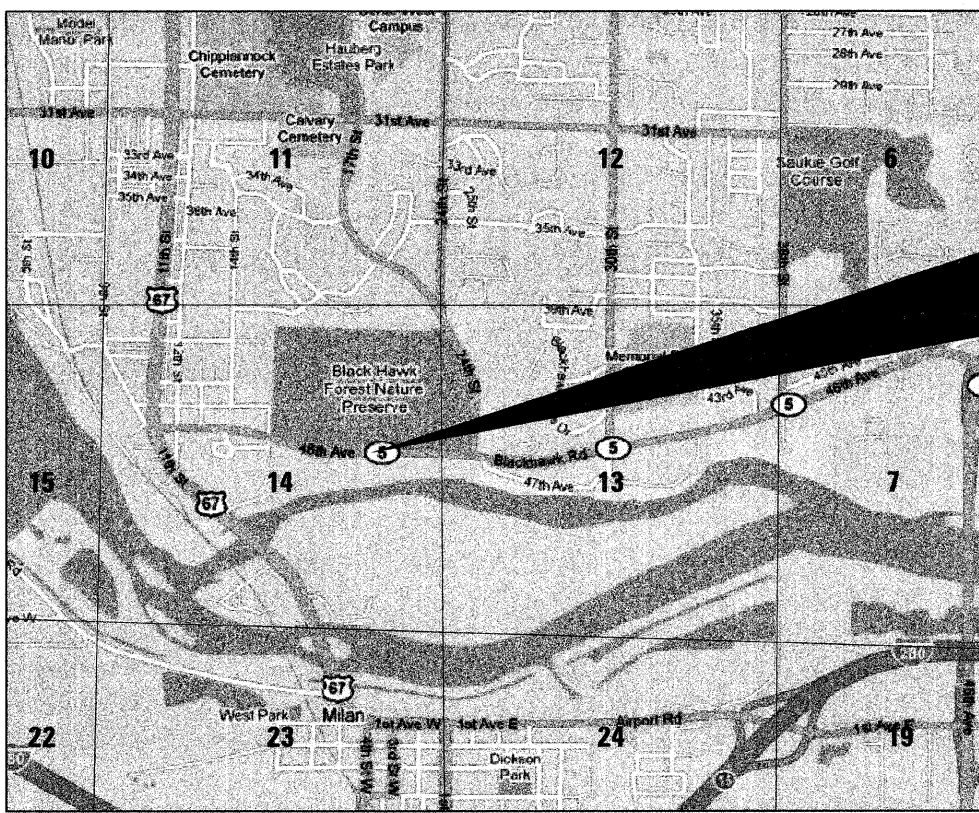
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

FAP ROUTE 595 (IL 5)  
SECTION (18Z)M-2  
ROCK ISLAND COUNTY

C-92-092-10

R.2W. R.1W.



**PROJECT LOCATION**  
**STA 29+60.50 TO STA 39+87.29 &**  
**STA 41+86.55 TO STA 46+20.84**  
INCLUDES RECONSTRUCTION OF  
EXISTING SLOPES AT THE END  
OF OUTLET ENDS OF DRAINAGE  
PIPES.

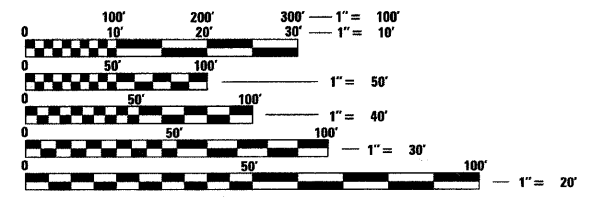


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**STATE STANDARDS**

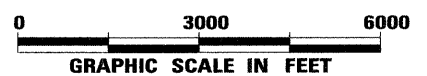
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
542101-02	REINFORCED CONCRETE END SECTIONS FOR 15" (375 mm) TO 36" (900 mm) DIA AT RIGHT ANGLES WITH ROADWAY
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
602401-02	MANHOLE, TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 4.5 M (15') AWAY
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-01	TRAFFIC CONTROL DEVICES
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)



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

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

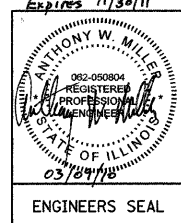
DESIGN DESIGNATION  
FAP 595  
OTHER PRINCIPAL ARTERIAL  
ADT = 13,590 (2010)  
ADT = 20,195 (2030)  
% PV = 97  
% SU = 2  
% MU = 1



SOUTH ROCK ISLAND TOWNSHIP, SECTIONS 13 & 14.

HUTCHISON ENGINEERING - PROJECT ENGINEER  
ANTHONY W. MILLER, P.E.

Hutchison Engineering, Inc.  
SINCE 1945  
1801 West Lafayette  
PO Box 820  
Jacksonville, Illinois 62851  
PHONE: (217)245-7164 FAX: (217)245-0468



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED MARCH 11 2010  
George F. Ryan  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 7 2010  
Scott E. Stitt, P.E.  
acting ENGINEER OF DESIGN AND ENVIRONMENT

May 7 2010  
Christine M. Reed  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

SQUAD LEADER: CHAD SPREEMAN (815)-284-5934

PROJECT ENGINEER: REBECCA MARRUFFO

CONTRACT NO. 64E75

**GENERAL NOTES**

- SEE CROSS SECTIONS FOR SPECIAL DITCHES AND BACKSLOPES.
- THE FINAL 100 mm (FOUR INCHES) OF SOIL IN ANY RIGHT-OF-WAY AREA DISTURBED BY THE CONTRACTOR MUST BE CAPABLE OF SUPPORTING VEGETATION. THE SOIL MUST BE FROM THE A HORIZON (ZERO TO 2' DEEP) OF SOIL PROFILES OF LOCAL SOILS.
- IT IS ESTIMATED THAT 1,412 CUBIC YARDS OF EARTH WILL BE HAULED TO THE JOB FROM OUTSIDE THE PROJECT LIMITS. A SHRINKAGE FACTOR OF 25% HAS BEEN USED.
- ALL BORROW/WASTE/USE SITES MUST BE APPROVED BY THE DEPARTMENT PRIOR TO REMOVING ANY MATERIAL FROM THE PROJECT OR INITIATING ANY EARTH MOVING ACTIVITIES, INCLUDING TEMPORARY STOCKPILING OUTSIDE THE LIMITS OF CONSTRUCTION.
- ALL EMBANKMENT CONSTRUCTED OF COHESIVE SOIL SHALL BE CONSTRUCTED WITH NOT MORE THAN 110% OF OPTIMUM MOISTURE CONTENT, DETERMINED BY THE STANDARD PROCTOR TEST. COHESIVE SOIL SHALL BE DEFINED AS ANY SOIL WHICH CONTAINS GREATER THAN 10% PARTICLES BY WEIGHT PASSING THE #200 SIEVE. THE 110% OF OPTIMUM MOISTURE LIMIT MAY BE WAIVED IN FREE-DRAINING GRANULAR MATERIAL WHEN APPROVED BY THE ENGINEER.
- FERTILIZER SHALL BE APPLIED TO ALL DISTURBED AREAS AND INCORPORATED INTO THE SEEDBED PRIOR TO SEEDING OR PLACEMENT OF SOD AT THE RATE SPECIFIED IN SECTIONS 250 AND 252 OF THE STANDARD SPECIFICATIONS. THE WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- THE CONTRACTOR SHALL PLACE SNOW FENCE AROUND ALL TREES TO BE SAVED WITHIN 10' OF THE CONSTRUCTION LIMITS TO PROTECT THE TREE TRUNKS. THIS WORK WILL BE INCLUDED IN THE COST OF EACH FOR TREE TRUNK PROTECTION (20101100).
- THE CONTRACTOR SHALL APPLY SEEDING, CLASS 4A (MODIFIED) SUBSEQUENT TO PLANTING THE TREES AS DIRECTED BY THE ENGINEER. THE SEEDING SHALL BE PLACED IN THE FALL WITHIN THE RANGE OF DATES LISTED IN THE SPECIAL PROVISIONS. THE TURF REINFORCEMENT MAT SHALL BE INSTALLED IMMEDIATELY FOLLOWING THE SEEDING AS DIRECTED BY THE ENGINEER.
- THE REMOVAL OF THE EXISTING GUARDPOSTS BEHIND THE EXISTING CURB AND GUTTER SHALL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION. THE CONTRACTOR SHALL DISPOSE OF THE POSTS AT A LOCATION BEYOND THE PROJECT LIMITS.
- LATERAL DISTANCES ARE FROM THE CENTERLINE ON ALL INLETS ARE TO THE FACE OF THE INLET.
- ALL PROPOSED MANHOLES ON THIS PROJECT SHALL BE CAST IN PLACE OR PRECAST. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR MANHOLE OF THE TYPE AND SIZE SPECIFIED.
- THE NEW MANHOLE LIDS ON THIS PROJECT SHALL HAVE THE WORD "STORM" ON THE LID. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THIS WORK.
- ALL FRAMES AND GRATES OF DRAINAGE STRUCTURES TO BE REMOVED OR FILLED SHALL BE CAREFULLY SALVAGED AND SHALL REMAIN THE PROPERTY OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
- THE COST OF MAKING SEWER CONNECTIONS TO EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE VARIOUS CONTRACT UNIT PRICES FOR STORM SEWER.
- THE CONTRACTOR SHALL DETERMINE FLOWLINES OF EXISTING SEWER LINES WHICH ARE SHOWN ON THE PLANS AS ESTIMATED OR UNKNOWN. THIS INFORMATION IS NECESSARY BEFORE ORDERING INLETS AND MANHOLES.
- ACCESS FOR CONSTRUCTION BEYOND THE RIGHT-OF-WAY LINE IS BEING PERFORMED USING A JOINT AGREEMENT BETWEEN IDOT AND THE NATURE PRESERVE COMMISSION /ILLINOIS DEPARTMENT OF NATURAL RESOURCES. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR'S OPERATIONS EXTEND BEYOND THE LIMITS OF CONSTRUCTION SHOWN IN THE PLANS WITHOUT PRIOR CONSENT OF THE RESIDENT ENGINEER.

- THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A DESCRIPTION OF LOCATION, ELEVATION, AND COORDINATES FOR EACH PERMANENT SURVEY MARKER. THE HORIZONTAL AND VERTICAL COORDINATES MUST BE DERIVED BY A CLOSED LEVEL CIRCUIT. THE ENGINEER SHALL SUBMIT THIS INFORMATION TO THE SURVEY CREW.
- THE CONTRACT INCLUDES THE INSTALLATION OF TWO PERMANENT SURVEY MARKERS. THE LOCATION OF THE MARKERS WILL BE DETERMINED AT THE TIME OF CONSTRUCTION BY THE RESIDENT ENGINEER.
- PERMANENT SURVEY MARKERS, TYPE II SHALL BE CAST-IN-PLACE AS SHOWN ON DISTRICT STANDARD 66.2. THE BOTTOM OF THE MARKER SHALL BE 5'-0" BELOW THE GROUND SURFACE.
- TREE PLANTING LAYOUT SHALL BE PERFORMED BY THE DISTRICT LANDSCAPE ARCHITECT. MULCH SHALL BE PLACED 4" THICK AND TO THE DIAMETER AROUND THE TREE AS SHOWN ON DISTRICT STANDARD 92.1. THE MULCH SHALL BE HARDWOOD WOOD CHIPS PLACED ON WEED BARRIER FABRIC. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TREE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE J.U.L.I.E. NUMBER IS 800-892-0123. THE FOLLOWING LISTED UTILITIES WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS ARE MEMBERS OF J.U.L.I.E.:
 

<b>TELEPHONE</b>	<b>GAS</b>	<b>WATER &amp; SEWER</b>
AT&T	MIDAMERICAN ENERGY COMPANY	CITY OF ROCK ISLAND
635 - 18TH STREET	2811 5TH AVENUE	1309 MILL STREET
ROCK ISLAND, IL 61201	ROCK ISLAND, IL 61201	ROCK ISLAND, IL 61201
(309) 793-4456	(309) 793-3833	(309) 732-2238
<b>ELECTRIC</b>	<b>CABLE TV</b>	
MIDAMERICAN ENERGY COMPANY	MEDIACOM	
2811 5TH AVENUE	3900 - 26TH AVENUE	
ROCK ISLAND, IL 61201	MOLINE, IL 61265	
(309) 793-3833	(309) 743-4750	
- TIE BARS SHALL BE INSTALLED TO TIE PCC APPURTENANCE TO ADJACENT EXISTING CONCRETE PAVEMENT.
 

<b>TIE THE FOLLOWING TO THE EXISTING CONCRETE PAVEMENT</b>	<b>LENGTH, SIZE AND SPACING OF TIE BARS</b>	
GUTTER OR CURB & GUTTER	STD 606001	600 mm (24") LONG NO. 20 (NO. 6) @ 600 mm (24") CENTERS

TIE BARS TO BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF ARTICLE 420.05(b) OF THE STANDARD SPECIFICATIONS. SEE HIGHWAY STANDARD 420001 FOR DETAIL ON LONGITUDINAL CONSTRUCTION JOINT GROUTED-IN-PLACE TIE BAR. THE COST OF THE TIE BARS TO BE INCLUDED IN THE COST OF THE PCC APPURTENANCE ADJACENT TO THE EXISTING PAVEMENT.
- EXISTING PAVEMENT AND APPURTENANCES NOT INCLUDED IN THE PLANS FOR REMOVAL, BUT DAMAGED DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE REPLACED IN KIND AT THE EXPENSE OF THE CONTRACTOR.
- CADD DATA WILL BE AVAILABLE TO CONTRACTORS AND CONSULTANTS WORKING ON THIS PROJECT. THIS INFORMATION WILL BE PROVIDED UPON REQUEST AS MICROSTATION CADD FILES AND GEOPAK COORDINATE GEOMETRY FILES ONLY. IF DATA IS REQUIRED IN OTHER FORMATS IT WILL BE YOUR RESPONSIBILITY TO MAKE THESE CONVERSIONS. IF ANY DISCREPANCY OR INCONSISTENCY ARISES BETWEEN THE ELECTRONIC DATA AND THE INFORMATION ON THE HARD COPY, THE INFORMATION ON THE HARD COPY SHOULD BE USED. CONTACT THE DISTRICT'S PROJECT ENGINEER TO REQUEST THESE FILES.

**COMMITMENTS**

- THE CULVERT EXTENSIONS WILL BE SLOPED FROM THE INLET ALONG IL 5 TO A MANHOLE ADJACENT TO THE STREET. FROM THE MANHOLE, CONCRETE PIPE WILL BE INSTALLED, FOLLOWED BY ANOTHER MANHOLE. THIS CONFIGURATION WILL BE REPEATED UNTIL THE PIPE ELEVATION REACHES THE BOTTOM OF SLOPE. THIS WILL PROVIDE A "STAIR STEP" EFFECT, WHICH WILL ASSIST IN REDUCING THE VELOCITY OF THE WATER, THEREFORE DECREASING THE INCIDENCE OF EROSION AT THE PIPE OUTLET. IN ADDITION, THIS CONFIGURATION WILL ALLOW FOR A DECREASE IN THE FORESLOPE GRADE WHICH SHOULD REDUCE THE LIKELIHOOD OF FUTURE SLOPE DEGRADATION.
- ALIGN THE EASTERNMOST CULVERT (AT LT STA 44+27.23) SO AS TO AVOID IMPACTING SEVERAL MATURE OAK TREES TO THE WEST. RIP RAP WILL ALSO BE PLACED AT THE END OF THE CULVERT OPENING TO SLOW EROSION OCCURRING FARTHER DOWN SLOPE WITHIN THE NATURE PRESERVE.
- EXTEND THE SLOPES TO FORM A 1:1.5 TO 1:2 SLOPE WHENEVER POSSIBLE FOR STABILIZATION OF THE FORE SLOPES. BELOW THE TWO WESTERNMOST CULVERTS WHERE THIS SLOPE WOULD NOT BE POSSIBLE, A 1:1.3 SLOPE WILL BE USED ALONG THE STREAMBANK TO AVOID ANY ALTERATIONS TO THE STREAM FLOW.
- RIP RAP (18" ROCK) WILL BE PLACED AT THE BOTTOM OF THE SLOPE, IN THE STREAMBED, AND ON THE SIDES OF THE BANKS TO PROVIDE STABILITY. A FILTER FABRIC WILL BE PLACED BETWEEN THE EXISTING SOIL INTERFACE AND THE RIP RAP. THERE WILL BE NO IMPACT TO THE NORTH SIDE OF THE STREAM.
- TURF REINFORCEMENT MAT WILL BE USED ON ALL SLOPES TO STABILIZE THE SOIL ON THE SLOPES.
- EARTHEN FILL USED TO ADJUST THE ANGLE OF THE FORESLOPES WILL CONSIST OF 6 INCHES OF TOPSOIL OVERLYING THE TURF REINFORCEMENT MAT. FILL SOURCES OF DIRT FROM OFF SITE WILL BE INSPECTED AND APPROVED BY INPC STAFF TO ENSURE THAT THE SOIL IS FREE OF INVASIVE WEED SEEDS.
- THE IMPACTED AREA WILL BE SEEDED WITH A PRAIRIE GRASS SEEDING MIX (CLASS 4A MODIFIED) CONSISTING OF LITTLE BLUESTEM, SIDE-OATS GRAMA, CANADA WILD RYE, PRAIRIE DROPSEED, ANNUAL RYEGRASS AND OATS.
- ALL TREES GREATER THAT 6", MEASURED AT 2.5', (44 TREES ESTIMATED) IMPACTED BY PROJECT CONSTRUCTION WILL BE REPLACED AT A ONE TO ONE RATIO. THE MITIGATION AREA CAN BE LOCATED OUTSIDE THE PROJECT AREA IN THE PARK IF THE IMPACTED AREA WILL NOT ACCOMMODATE ALL THE REPLACEMENT TREES. THE ADDITIONAL AREAS IN THE PARK TO RECEIVE MITIGATION WILL BE DETERMINED BY THE PARK SUPERINTENDENT. THE MITIGATING TREE SPECIES SHALL INCLUDE BUR OAK, RED OAK, WHITE OAK, BASSWOOD AND SYCAMORE, AND BE 1 3/4" BALLED AND BURLAPPED.
- SNOW FENCING OR A SIMILAR MATERIAL WILL BE INSTALLED ALONG THE PROPOSED CONSTRUCTION LIMITS.
- TREE TRUNK PROTECTION WILL BE INSTALLED ON ANY TREE WITHIN 10 FEET OF THE CONSTRUCTION LIMITS, OR AS DETERMINED BY THE RESIDENT ENGINEER.
- THE FOLLOWING FOUR (4) TREES WHICH ARE NEAR THE CONSTRUCTION LIMITS WILL BE SAVED:
  - LT STA 43+94.63 AT 43.1' OFFSET
  - LT STA 44+00.9 AT 39.35' OFFSET
  - LT STA 44+61.84 AT 36.2' OFFSET
  - LT STA 44+63.33 AT 48.8' OFFSET
- THE FORESLOPES BETWEEN LT STA 30+00 TO STA 30+25 WILL REMAIN IN PLACE AS THEY ARE ALREADY STABLE AT THE 1:2 SLOPE. THIS WILL AVOID IMPACTING SOME MATURE TREES AND NATIVE VEGETATION IN THIS AREA. RIP RAP WILL STILL NEED TO BE PLACED IN THE STREAMBED AND ALONG THE BANKS FROM ABOUT STA 29+50 TO STA 30+25 TO SLOW THE VELOCITY OF THE STREAM AND SUPPRESS EROSION OF THE STREAM BANKS IN THE FUTURE.

FILE NAME =	USER NAME = jdeen	DESIGNED - AWM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>COMMITMENTS &amp; GENERAL NOTES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
v:\transportation\2244\2244-20\2029095	Edgn	DRAWN - TJD	REVISED -			595	(182) M-2	ROCK ISLAND	41	2	
	PLOT SCALE = 50,0000' / IN.	CHECKED - AWM	REVISED -			CONTRACT NO. 64E75					
	PLOT DATE = 3/8/2010	DATE - 3/8/2010	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		

# SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES

URBAN

CODE NUMBER	PAY ITEM	UNIT	100% STATE TOTAL QUANTITY Y009
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	385
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	295
20101000	TEMPORARY FENCE	FOOT	843
20101100	TREE TRUNK PROTECTION	EACH	19
20200100	EARTH EXCAVATION	CU YD	704
20400800	FURNISHED EXCAVATION	CU YD	1,412
20800150	TRENCH BACKFILL	CU YD	81
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	1,799
25002014	SEEDING, CLASS 4A (MODIFIED)	ACRE	0.5
25100900	TURF REINFORCEMENT MAT	SQ YD	1,799
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	149
28000400	PERIMETER EROSION BARRIER	FOOT	707
28000500	INLET AND PIPE PROTECTION	EACH	3
28100207	STONE RIPRAP, CLASS A4	TON	1,572
28200200	FILTER FABRIC	SQ YD	710
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	163
50104400	CONCRETE HEADWALL REMOVAL	EACH	1
50104600	CONCRETE RETAINING WALL REMOVAL	FOOT	11
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	124

• SPECIALTY ITEM

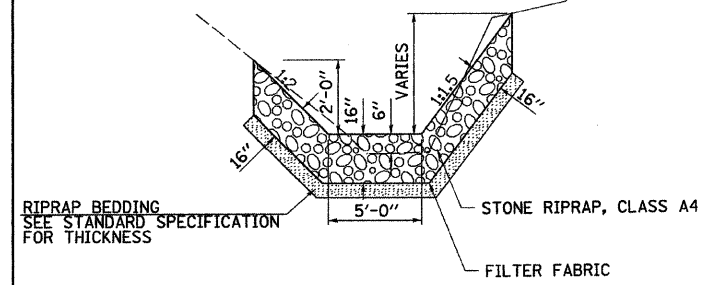
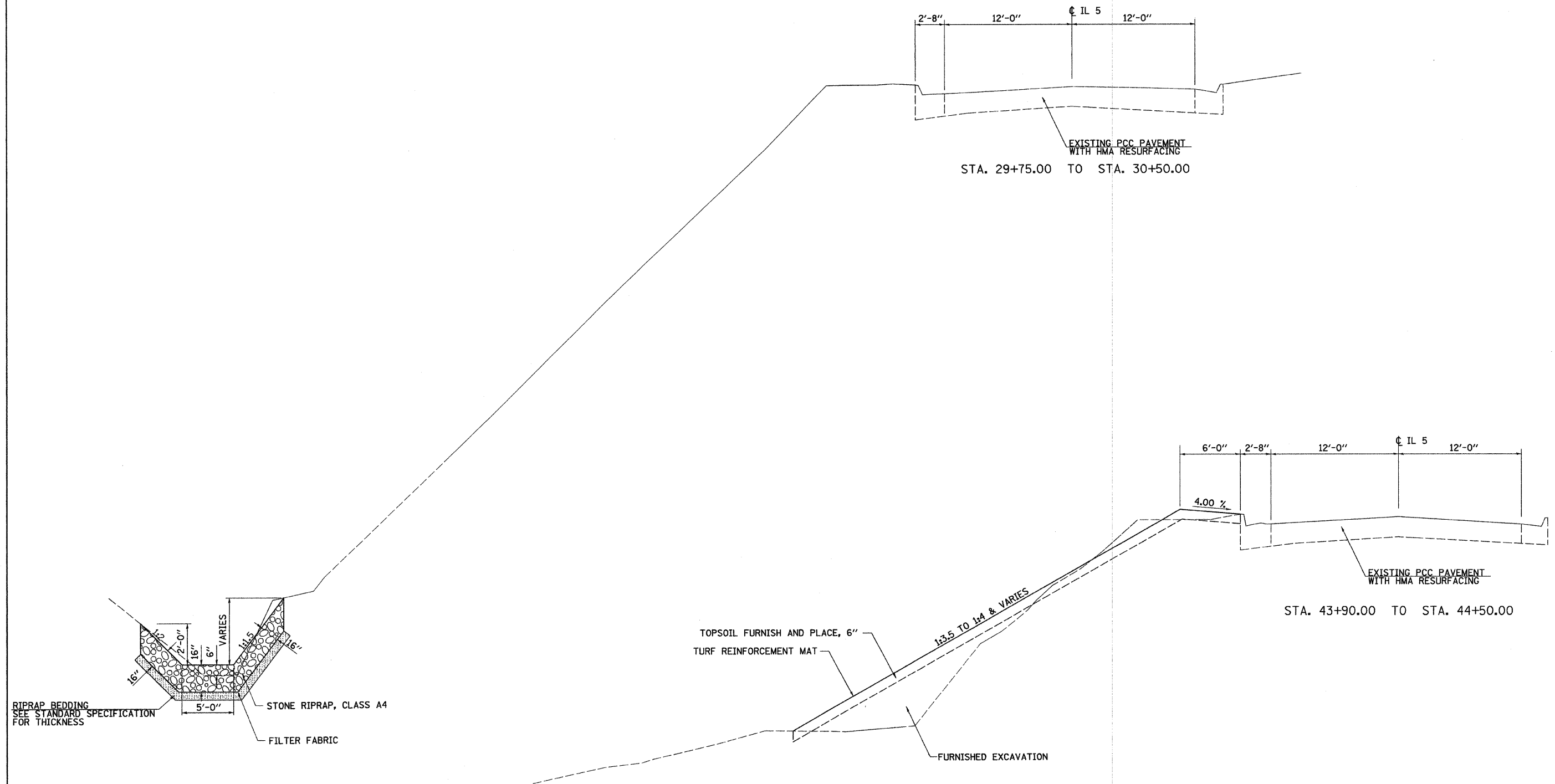
SUMMARY OF QUANTITIES

URBAN

CODE NUMBER	PAY ITEM	UNIT	100% STATE TOTAL QUANTITY Y009
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	88
55100900	STORM SEWER REMOVAL 18"	FOOT	54
55101200	STORM SEWER REMOVAL 24"	FOOT	42
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5
60242801	INLETS, SPECIAL, NO. 5	EACH	3
60255410	CATCH BASINS TO BE CLEANED	EACH	5
60500050	REMOVING CATCH BASINS	EACH	3
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	163
66700095	PERMANENT SURVEY MARKERS	EACH	2
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2
67100100	MOBILIZATION	L SUM	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	2
A2005814	TREE, PLATANUS OCCIDENTALIS (SYCAMORE), 3/4" CALIPER, BALLED AND BURLAPPED	EACH	2
A2006414	TREE, QUERCUS ALBA (WHITE OAK), 3/4" CALIPER, BALLED AND BURLAPPED	EACH	15
A2006714	TREE, QUERCUS MACROCARPA (BUR OAK), 3/4" CALIPER, BALLED AND BURLAPPED	EACH	8
A2007114	TREE, QUERCUS RUBRA (RED OAK), 3/4" CALIPER, BALLED AND BURLAPPED	EACH	15
A2007814	TREE, TILIA AMERICANA (AMERICAN LINDEN/ BASSWOOD), 3/4" CALIPER, BALLED AND BURLAPPED	EACH	4
Z0013798	CONSTRUCTION LAYOUT	L SUM	1

• SPECIALTY ITEM

# TYPICAL SECTIONS



FILE NAME =	USER NAME = jdeen	DESIGNED - AWM	REVISED -
vs:\transportation\2244\2244-20\2029091Y.dgn		DRAWN - TJD	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED - AWM	REVISED -
	PLOT DATE = 3/9/2010	DATE - 3/1/2010	REVISED -

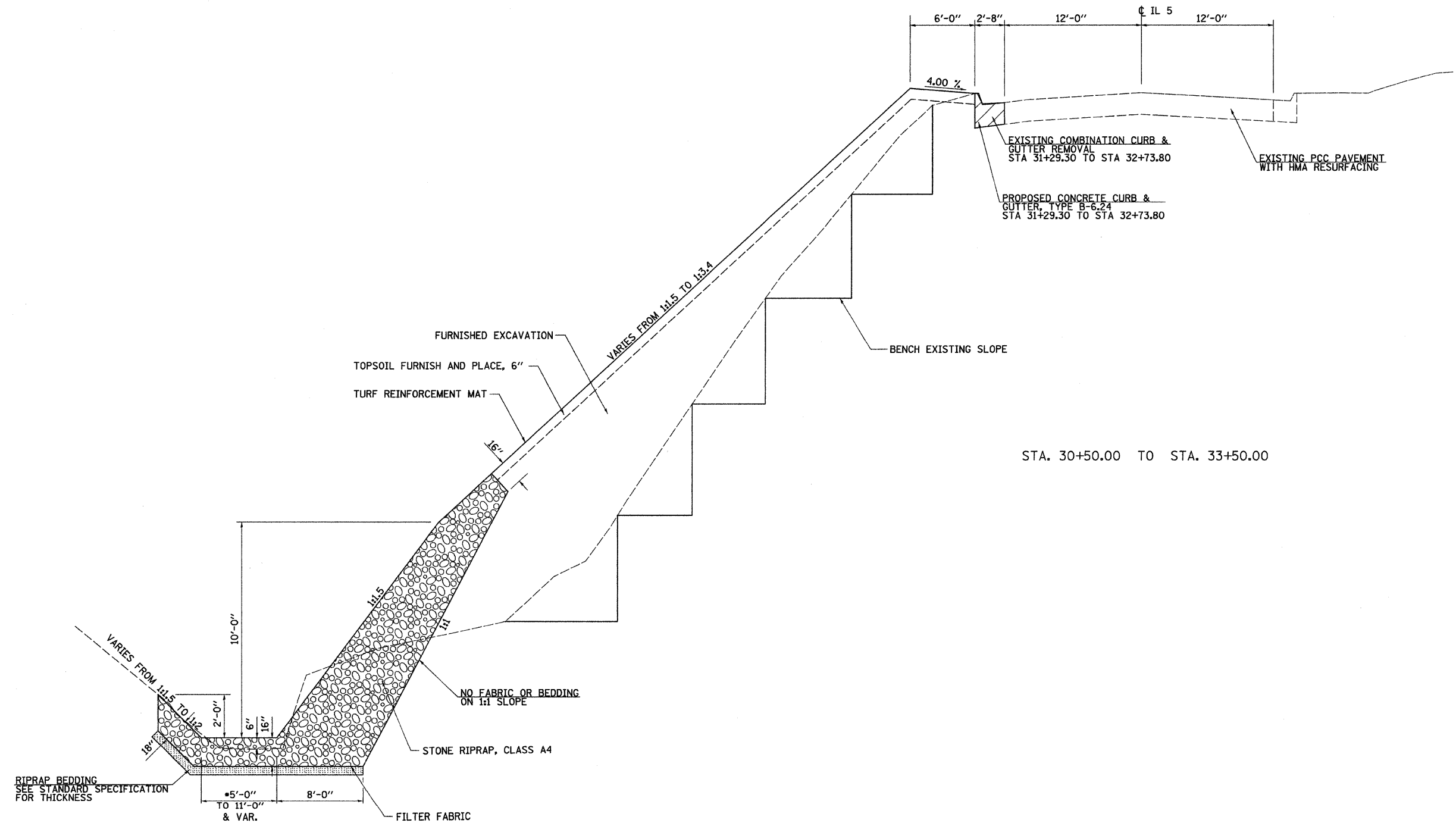
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TYPICAL SECTIONS</b>	
SCALE:	SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(182) M-2	ROCK ISLAND	41	4
CONTRACT NO. 64E75				
ILLINOIS FED. AID PROJECT				



# TYPICAL SECTIONS



\* 5'-0" WIDTH IS THE ABSOLUTE MINIMUM. SEE CROSS SECTIONS FOR VARIED WIDTH LOCATIONS, VARIED WIDTH IS INTENDED TO BLEND BACKSLOPE INTO THE NATURAL ENVIRONMENT WITH MINIMAL DISRUPTION TO EXISTING FEATURES.

NOTES:  
CONTRACTOR SHALL MAINTAIN A MINIMUM 0.50% DITCH GRADE.

FILE NAME =	USER NAME = jdean	DESIGNED - AWM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
va\transportation\2244\2244-20\20298911.dgn		DRAWN - TJD	REVISED -			595	(182) M-2	ROCK ISLAND	41	5	
PLOT SCALE = 50.0000' / IN.		CHECKED - AWM	REVISED -			CONTRACT NO. 64E75					
PLOT DATE = 3/9/2010		DATE - 3/1/2010	REVISED -			ILLINOIS FED. AID PROJECT					
SCALE:						SHEET NO. 2 OF 2 SHEETS STA. TO STA.					

# SCHEDULES OF QUANTITIES

## 20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)

UNIT	LOCATION			
8	LT STA 30+49.2 @	29.0'		
6	LT STA 30+56.5 @	46.4'		
8	LT STA 30+62.3 @	34.9'		
6	LT STA 30+72.3 @	52.4'		
8	LT STA 30+74.5 @	35.2'		
15	LT STA 30+87.9 @	43.4'		
6	LT STA 30+89.3 @	45.9'		
8	LT STA 31+01.5 @	36.7'		
14	LT STA 31+03.8 @	26.9'		
8	LT STA 31+05.5 @	64.7'		
14	LT STA 31+07.8 @	22.5'		
8	LT STA 31+21.1 @	29.6'		
10	LT STA 31+22.3 @	33.7'		
8	LT STA 31+22.4 @	68.7'		
14	LT STA 31+22.4 @	56.1'		
12	LT STA 31+45.7 @	70.3'		
6	LT STA 31+48.9 @	33.8'		
6	LT STA 31+50.1 @	70.1'		
10	LT STA 31+54.5 @	49.8'		
14	LT STA 31+55.2 @	68.0'		
8	LT STA 31+61.3 @	64.2'		
6	LT STA 31+75.7 @	55.6'		
8	LT STA 31+83.3 @	48.3'		
14	LT STA 32+02.7 @	57.7'		
12	LT STA 32+36.0 @	68.8'		
14	LT STA 32+45.0 @	61.1'		
8	LT STA 32+54.1 @	54.4'		
10	LT STA 32+73.7 @	84.6'		
6	LT STA 32+73.7 @	38.8'		
6	LT STA 32+74.6 @	39.0'		
6	LT STA 32+83.3 @	24.1'		
8	LT STA 32+84.2 @	36.3'		
6	LT STA 32+87.4 @	29.9'		
8	LT STA 32+88.2 @	29.3'		
8	LT STA 32+91.4 @	74.1'		
14	LT STA 33+02.8 @	24.5'		
12	LT STA 33+04.3 @	30.7'		
14	LT STA 33+23.9 @	47.2'		
14	LT STA 33+30.0 @	24.5'		
14	LT STA 44+02.6 @	28.4'		
<b>385</b>	<b>TOTAL</b>			

## 20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)

UNIT	LOCATION			
24	LT STA 30+44.9 @	55.0'		
18	LT STA 30+70.0 @	28.0'		
18	LT STA 30+86.4 @	41.7'		
20	LT STA 31+17.6 @	25.1'		
18	LT STA 31+18.2 @	23.3'		
18	LT STA 31+57.5 @	75.4'		
18	LT STA 31+67.1 @	70.0'		
16	LT STA 31+89.9 @	50.4'		
24	LT STA 31+94.6 @	26.3'		
20	LT STA 32+45.9 @	38.0'		
24	LT STA 32+62.8 @	90.2'		
20	LT STA 32+70.1 @	38.8'		
16	LT STA 32+98.3 @	64.7'		
24	LT STA 33+10.0 @	28.1'		
17	LT STA 44+19.0 @	40.0'		
<b>295</b>	<b>TOTAL</b>			

## 20101000 TEMPORARY FENCE

FOOT	LOCATION			
673.0	LT STA 29+57.7 -	33+53.0		
169.9	LT STA 44+53.0 -	44+87.1		
<b>843</b>	<b>TOTAL</b>			

## 20101100 TREE TRUNK PROTECTION

EACH	LOCATION			
1	LT STA 29+93.9 @	73.7'		
1	LT STA 30+11.0 @	68.0'		
1	LT STA 30+13.0 @	66.2'		
1	LT STA 30+14.1 @	67.6'		
1	LT STA 30+30.1 @	34.0'		
1	LT STA 30+31.7 @	46.2'		
1	LT STA 30+34.0 @	31.1'		
1	LT STA 30+37.7 @	51.0'		
1	LT STA 33+19.7 @	82.1'		
1	LT STA 33+23.0 @	106.9'		
1	LT STA 33+23.8 @	62.2'		
1	LT STA 33+23.9 @	47.2'		
1	LT STA 33+24.1 @	53.2'		
1	LT STA 33+24.5 @	87.1'		
1	LT STA 33+29.1 @	67.9'		
1	LT STA 33+34.0 @	47.6'		
1	LT STA 44+00.9 @	39.3'		
1	LT STA 44+13.1 @	81.2'		
1	LT STA 44+20.4 @	81.7'		
<b>19</b>	<b>TOTAL</b>			

## 20200100 EARTH EXCAVATION

### 20400800 FURNISHED EXCAVATION

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED 25% SHRINKAGE	EMBANKMENT	FURNISHED EXCAVATION
29+60.5 TO 33+50.0	685.0	513.8	1,936.9	(1,423.1)
43+90.0 TO 44+50.0	18.7	14.0	2.4	11.6
<b>TOTAL</b>	<b>704</b>	<b>528</b>	<b>1,940</b>	<b>(1,412)</b>

## 20800150 TRENCH BACKFILL

CU YD	LOCATION			
80.8	LT STA 31+41.8 -	32+61.3		
<b>81</b>	<b>TOTAL</b>			

## 21101625 TOPSOIL FURNISH AND PLACE, 6"

SQ YD	LOCATION			
1,575.4	LT STA 30+40 -	33+25		
222.7	LT STA 43+90 -	44+50		
<b>1,799</b>	<b>TOTAL</b>			

## 25002014 SEEDING, CLASS 4A (MODIFIED)

ACRE	LOCATION			REMARKS
0.4	LT STA 30+40 -	33+25		Read Special Provision
0.1	LT STA 43+90 -	44+50		Read Special Provision
<b>0.5</b>	<b>TOTAL</b>			

## 25100900 TURF REINFORCEMENT MAT

SQ YD	LOCATION			
1,575.4	LT STA 30+40 -	33+25		
222.7	LT STA 43+90 -	44+50		
<b>1,799</b>	<b>TOTAL</b>			

## 28000250 TEMPORARY EROSION CONTROL SEEDING

POUND	LOCATION			
190.0	LT STA 30+40 -	33+25		
18.4	LT STA 43+90 -	44+50		
<b>149</b>	<b>TOTAL</b>			

## 28000400 PERIMETER EROSION BARRIER

FOOT	LOCATION			
78.0	LT STA 29+60.6 -	30+38.6		
60.3	LT STA 30+38.6 -	30+38.6		
327.4	LT STA 30+38.6 -	33+17.2		
106.0	LT STA 33+17.3 -	33+51.2		
68.3	LT STA 43+88.5 -	44+18.5		
66.8	LT STA 44+30.5 -	44+51.4		
<b>707</b>	<b>TOTAL</b>			

## 28000500 INLET AND PIPE PROTECTION

EACH	LOCATION			
1	LT STA 31+38.32 @	14.0'		
1	LT STA 32+64.81 @	14.0'		
1	LT STA 44+27.23 @	14.0'		
<b>3</b>	<b>TOTAL</b>			

## 28100207 STONE RIPRAP, CLASS A4

TON	LOCATION			
1,553.6	LT STA 29+60.5 -	33+00.0		
18.1	LT STA 44+18.5 -	44+30.5		
<b>1,572</b>	<b>TOTAL</b>			

## 28200200 FILTER FABRIC

SQ YD	LOCATION			
683.0	LT STA 29+60.5 -	33+00.0		
26.3	LT STA 44+18.5 -	44+30.5		
<b>710</b>	<b>TOTAL</b>			

## 44000500 COMBINATION CURB AND GUTTER REMOVAL

FOOT	LOCATION			
144.5	LT STA 31+29.3 -	32+73.8		
18	LT STA 44+18.2 -	44+36.2		
<b>163</b>	<b>TOTAL</b>			

## 50104400 CONCRETE HEADWALL REMOVAL

EACH	LOCATION			
1	LT STA 44+36.9 @	27.9'		
<b>1</b>	<b>TOTAL</b>			

# SCHEDULES OF QUANTITIES

**50104600 CONCRETE RETAINING WALL REMOVAL**

FOOT	LOCATION			
11	LT	STA	44+36.7	@ 34.5'
11	TOTAL			

**54213663 PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"**

EACH	LOCATION			
1	LT	STA	32+54.02	@ 79.5'
1	LT	STA	44+27.23	@ 52.1'
2	TOTAL			

**550A0360 STORM SEWERS, CLASS A, TYPE 2 15"**

FOOT	LOCATION			
124	15.85' LT	STA	31+38.3	- 32+64.8
124	TOTAL			

**550A0380 STORM SEWERS, CLASS A, TYPE 2 18"**

FOOT	LOCATION			
8	LT	STA	32+64.8	
8	LT	STA	32+64.8	
14	LT	STA	32+64.8	
12	LT	STA	32+64.8	
14	LT	STA	32+64.8	
12	LT	STA	44+27.2	
20	LT	STA	44+27.2	
88	TOTAL			

**REMARKS**

Between Inlet, Special No 5 and MH 1 - See Plan Sheet  
 Between MH 1 and MH 2 - See Plan Sheet  
 Between MH 2 and MH 3 - See Plan Sheet  
 Between MH 3 and MH 4 - See Plan Sheet  
 Between MH 4 and Outfall - See Plan Sheet  
 Between Inlet, Special No 5 and MH - See Plan Sheet  
 Between MH and Outfall - See Plan Sheet

**55100900 STORM SEWER REMOVAL 18"**

FOOT	LOCATION			
37	LT	STA	31+38.3	
17	LT	STA	44+27.2	
54	TOTAL			

**55101200 STORM SEWER REMOVAL 24"**

FOOT	LOCATION			
42	LT	STA	32+64.8	
42	TOTAL			

**60218400 MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID**

EACH	LOCATION			
1	LT	STA	32+64.8	@ 26.0'
1	LT	STA	32+64.8	@ 36.5'
1	LT	STA	32+64.8	@ 52.5'
1	LT	STA	32+64.8	@ 68.1'
1	LT	STA	44+27.2	@ 30.2'
5	TOTAL			

**60242801 INLETS, SPECIAL, NO. 5**

EACH	LOCATION			
1	LT	STA	31+38.3	@ 14.0'
1	LT	STA	32+64.8	@ 14.0'
1	LT	STA	44+27.2	@ 14.0'
3	TOTAL			

**60255410 CATCH BASINS TO BE CLEANED**

EACH	LOCATION			
1	LT	STA	37+88.9	@ 13.1'
1	RT	STA	39+87.3	@ 13.0'
1	RT	STA	41+86.6	@ 13.0'
1	RT	STA	46+20.8	@ 15.8'
1	LT	STA	46+20.9	@ 14.9'
5	TOTAL			

**60500050 REMOVING CATCH BASINS**

EACH	LOCATION			
1	LT	STA	31+38.3	@ 14.0'
1	LT	STA	32+64.8	@ 14.0'
1	LT	STA	44+27.2	@ 14.0'
3	TOTAL			

**60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24**

FOOT	LOCATION			
144.5	LT	STA	31+29.3	- 32+73.8
18	LT	STA	44+18.2	- 44+36.2
163	TOTAL			

FILE NAME =	USER NAME = jdean	DESIGNED - AWM	REVISED -
v:\transportation\2244\2244-20\202909C\3.dgn		DRAWN - TJD	REVISED -
PLOT SCALE = 50.0000' / IN.		CHECKED - AWM	REVISED -
PLOT DATE = 3/9/2010		DATE - 3/8/2010	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES OF QUANTITIES**

SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(182) M-2	ROCK ISLAND	41	7
CONTRACT NO. 64E75				
ILLINOIS FED. AID PROJECT				

Chain BHAWK contains:  
1006 CUR 200 CUR 1200 1212

Beginning chain BHAWK description

Point 1006 N 1,747,954.4510 E 2,184,328.8440 Sta 21+52.57

Course from 1006 to PC 200 S 70° 46' 10.1978" E Dist 73.7321'

Curve Data

Curve 200  
P.I. Station 25+31.98 N 1,747,829.4824 E 2,184,687.0907  
Delta = 18° 05' 03.6741" (LT)  
Degree = 2° 58' 58.0895"  
Tangent = 305.6857'  
Length = 606.2873'  
Radius = 1,920.8706'  
External = 24.1712'  
Long Chord = 603.7738'  
Mid. Ord. = 23.8708'  
P.C. Station 22+26.30 N 1,747,930.1659 E 2,184,398.4619  
P.T. Station 28+32.59 N 1,747,823.3679 E 2,184,992.7152  
C.C. N 1,749,743.8542 E 2,185,031.1378

Course from PT 200 to PC 1200 S 88° 51' 13.8718" E Dist 1,793.1978'

Curve Data

Curve 1200  
P.I. Station 48+37.69 N 1,747,783.2605 E 2,186,997.4132  
Delta = 8° 27' 40.3970" (RT)  
Degree = 2° 00' 00.4895"  
Tangent = 211.9014'  
Length = 423.0323'  
Radius = 2,864.5942'  
External = 7.8268'  
Long Chord = 422.6480'  
Mid. Ord. = 7.8054'  
P.C. Station 46+25.78 N 1,747,787.4991 E 2,186,785.5542  
P.T. Station 50+48.82 N 1,747,747.8951 E 2,187,206.3426  
C.C. N 1,744,923.4780 E 2,186,728.2546

Course from PT 1200 to 1212 S 80° 23' 33.4796" E Dist 377.6465'

Point 1212 N 1,747,684.8676 E 2,187,578.6924 Sta 54+26.46

Ending chain BHAWK description

REFERENCE TIES

POINT	CHAIN	STATION	OFFSET	DESCRIPTION
500	BHAWK	31+57.47	26.8267' RT	POWER POLE WITH TRANSFORMER, SHINER
501	BHAWK	30+34.38	26.1757' RT	POWER POLE, SHINER
502	BHAWK	30+85.52	25.1985' RT	LANDSCAPE EDGE, CORNER
503	BHAWK	23+45.29	34.722' RT	PIER, CORNER
504	BHAWK	24+02.20	71.3587' RT	POWER POLE, SHINER
505	BHAWK	23+83.94	14.845' RT	CATCH BASIN, CORNER
506	BHAWK	37+86.69	14.8817' LT	CATCH BASIN, CORNER
507	BHAWK	37+87.44	15.1032' RT	CATCH BASIN, CORNER
508	BHAWK	35+73.84	18.9996' RT	RETAINING WALL, END
509	BHAWK	41+88.28	14.7835' LT	CATCH BASIN, CORNER
510	BHAWK	41+88.26	15.0859' RT	CATCH BASIN, CORNER
511	BHAWK	42+74.66	44.7956' RT	TREE DECIDUOUS
512	BHAWK	51+44.88	59.5371' LT	TOP OF WINGWALL, END
513	BHAWK	51+44.34	58.9207' LT	TOP OF WINGWALL, END

CURVE POINT NUMBERS

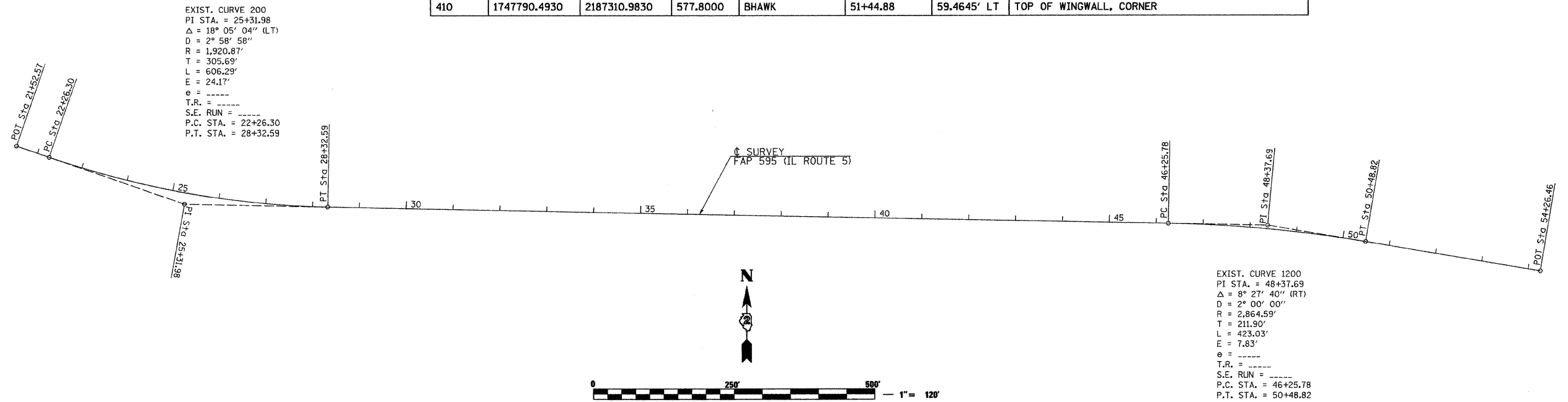
CHAIN	CURVE	PI	CC	PC	PT
BHAWK	200	200	201	202	203
BHAWK	1200	1200	1201	1202	1203

HORIZONTAL CONTROL POINTS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
1	1747662.0290	2184683.2520	669.1620	BHAWK	25+52.96	189.8214' RT	TOPO SURVEY POINT, PK NAIL
2	1747681.1380	2184799.8620	667.9980	BHAWK	26+56.54	154.7706' RT	TOPO SURVEY POINT, PK NAIL
3	1747859.6790	2184562.1320	668.6310	BHAWK	24+02.39	20.7994' RT	TOPO SURVEY POINT, PIN
4	1747959.5570	2184254.3040	674.7920	BHAWK	OUT OF CHAIN	-----	TOPO SURVEY POINT, PIN
5	1747800.5630	2185237.3050	645.5170	BHAWK	30+77.58	17.9079' RT	TOPO SURVEY POINT, PIN
7	1747823.4940	2185856.4720	642.8610	BHAWK	36+96.17	17.4035' LT	TOPO SURVEY POINT, PIN
8	1747852.8030	2184693.9890	663.4120	BHAWK	25+32.11	0.0000'	POC, PK NAIL
9	1747776.1350	2186446.4860	623.5450	BHAWK	42+87.01	18.1441' RT	TOPO SURVEY POINT, PIN
10	1747774.5830	2187313.4070	578.3900	BHAWK	51+49.92	44.1822' LT	TOPO SURVEY POINT, PIN
65723070	1741238.0890	2189599.7040	579.5230	BHAWK	OUT OF CHAIN	-----	DISTRICT NETWORK MONUMENT, PERM. SURVEY MARKER

BENCH MARKS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
405	1747793.6010	2185192.5290	647.5470	BHAWK	30+32.96	25.7641' RT	POWER POLE, PK NAIL
410	1747790.4930	2187310.9830	577.8000	BHAWK	51+44.88	59.4645' LT	TOP OF WINGWALL, CORNER

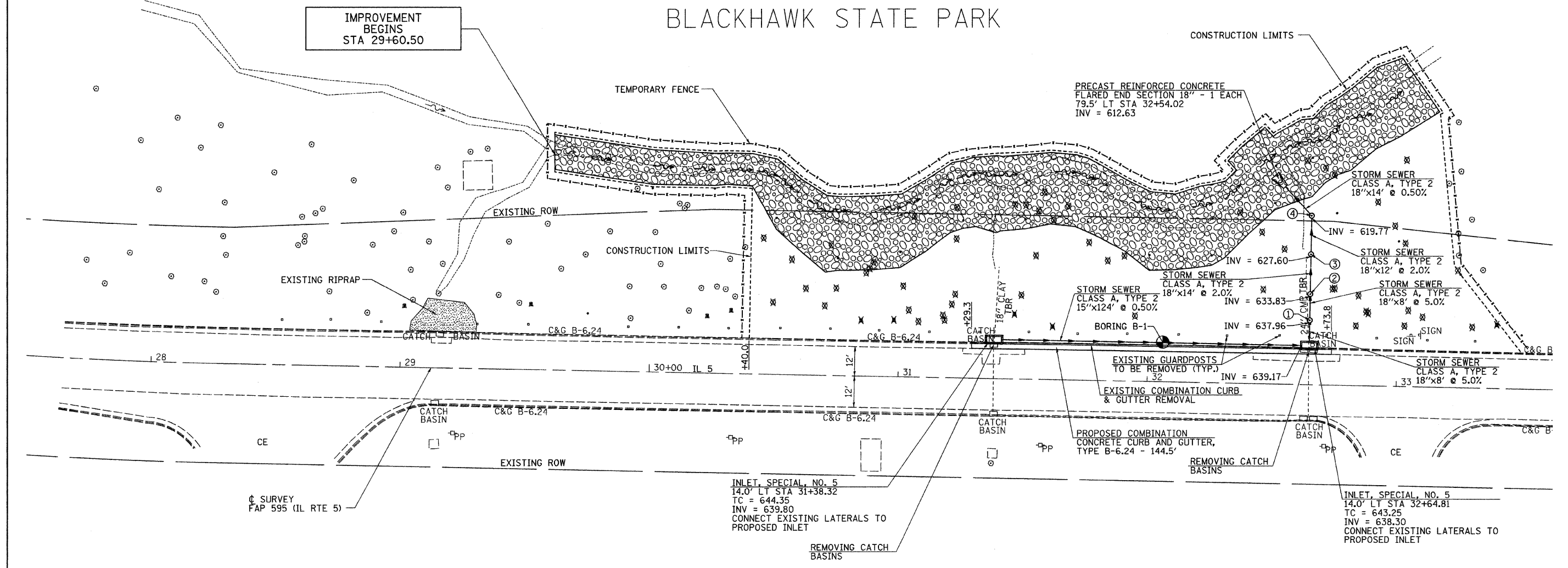


FILE NAME =	USER NAME = jdeen	DESIGNED - AWM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>FAP 595 (IL 5) HORIZONTAL AND VERTICAL CONTROL</b>			F.A.P. RTE. = 595	SECTION = (182)M-2	COUNTY = ROCK ISLAND	TOTAL SHEETS = 41	SHEET NO. = 8
v:\transportation\2244\2244-20\202909HV.dgn	PLOT SCALE = 1/8" = 120'	DRAWN - TJD	REVISED -		SCALE: 1"=120'	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	CONTRACT NO. 64E75				
	PLOT DATE = 3/9/2010	CHECKED - AWM	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 3/1/2010	REVISED -									

- ① MH (A-1-C) 4' DIA.  
W/ FST (STD 602601)  
26.0' LT STA 32+64.81  
LID = 641.42  
INV = 634.16
- ② MH (A-1-C) 4' DIA.  
W/ FST (STD 602601)  
36.5' LT STA 32+64.81  
LID = 637.39  
INV = 627.84
- ③ MH (A-1-C) 4' DIA.  
W/ FST (STD 602601)  
52.5' LT STA 32+64.81  
LID = 631.23  
INV = 620.00
- ④ MH (A-1-C) 4' DIA.  
68.1' LT STA 32+64.81  
LID = 625.24  
INV = 612.70

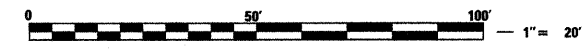


SEC 14, T 17 N, R 2 W, 4TH PM  
BLACKHAWK STATE PARK



☉ SURVEY  
FAP 595 (IL RTE 5)

NOTE: CATCH BASINS TO BE CLEANED  
LT STA 37+88.85 13' 0/S/  
RT STA 39+87.29 13' 0/S



X TREE REMOVAL

SEC 14, T 17 N, R 2 W, 4TH PM

IMPROVEMENTS  
END  
STA 39+87.29

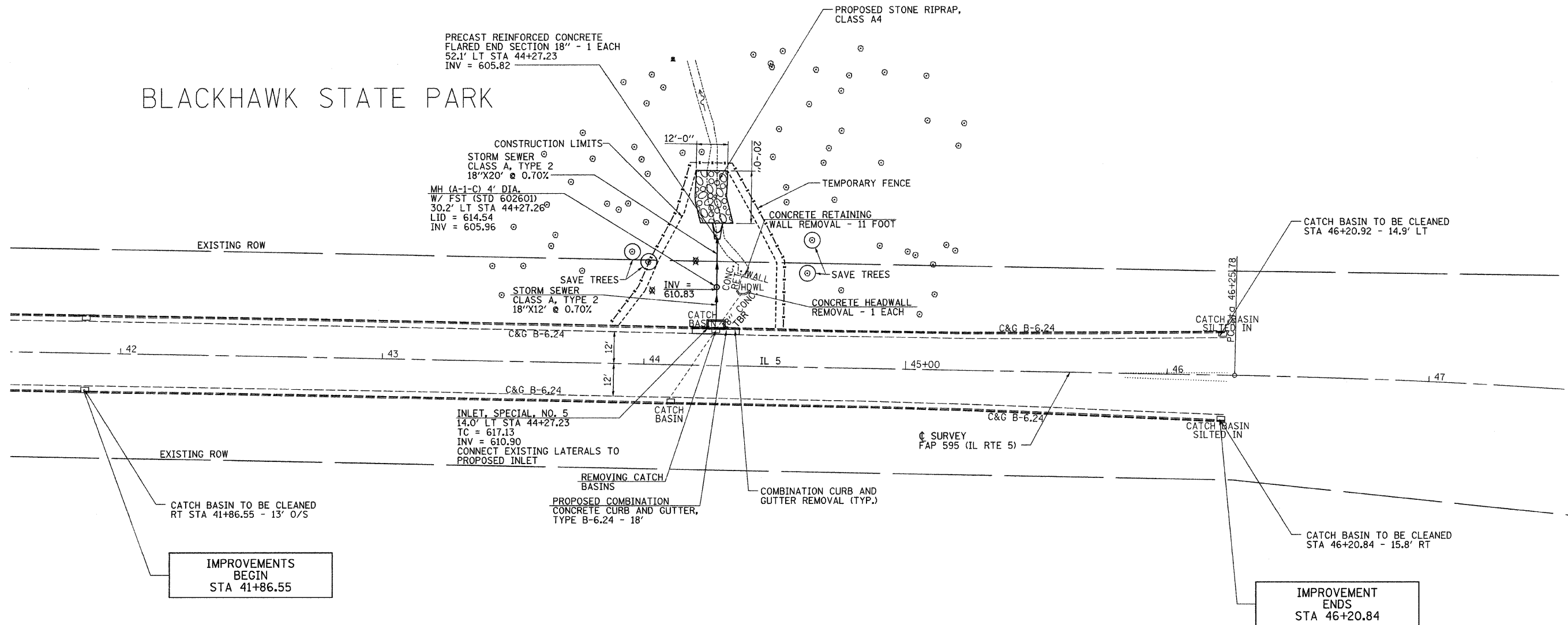
FILE NAME =	USER NAME = jdeen	DESIGNED - AWM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET</b>	F.A.P. RTE. = 595	SECTION = (182M-2)	COUNTY = ROCK ISLAND	TOTAL SHEETS = 41	SHEET NO. = 9		
v:\transportation\2244\2244-20\202909\PL\N.dgn	DRAWN - T.JD	CHECKED - AWM	REVISED -			SCALE: 1" = 20'-0"	SHEET NO. 1 OF 2 SHEETS	STA. 27+50.00 TO STA. 33+50.00	CONTRACT NO. 64E75			
PLOT SCALE = 20.0000' / IN.	DATE = 3/1/2010	REMOVED	REMOVED			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						
PLOT DATE = 3/9/2010												





SEC 14, T 17 N, R 2 W, 4TH PM

BLACKHAWK STATE PARK



IMPROVEMENTS  
BEGIN  
STA 41+86.55

IMPROVEMENT  
ENDS  
STA 46+20.84

X TREE REMOVAL



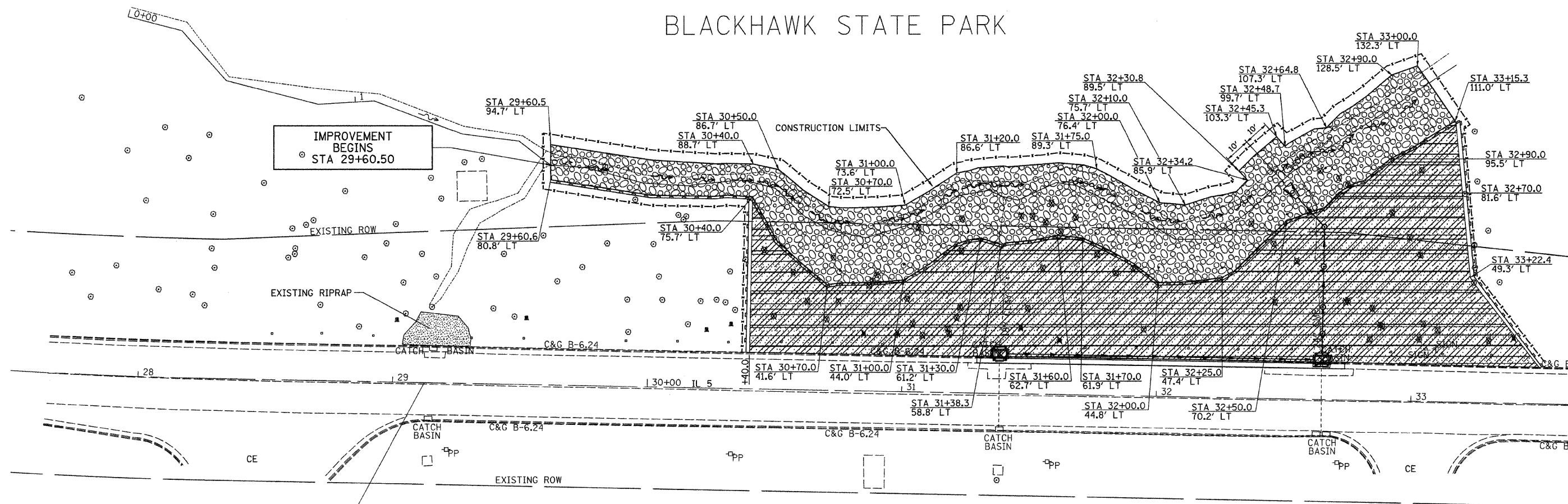
SEC 14, T 17 N, R 2 W, 4TH PM

FILE NAME =	USER NAME = jdean	DESIGNED - AWM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET</b>		F.A.P. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =	
vl:\transportation\2244\2244-20\202909PL\l.dgn		DRAWN - TJD	REVISED -		SCALE: 1" = 20'-0"	SHEET NO. 2 OF 2 SHEETS	STA. 41+50.00 TO STA. 47+50.00	595	(182)M-2	ROCK ISLAND	41	10
		CHECKED - AWM	REVISED -					CONTRACT NO. 64E75				
		DATE - 3/1/2010	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

# EROSION CONTROL & SEEDING PLANS



SEC 14, T 17 N, R 2 W, 4TH PM  
BLACKHAWK STATE PARK



☉ SURVEY  
FAP 595 (IL RTE 5)

LEGEND	
	STONE RIPRAP, CLASS A4
	TURF REINFORCEMENT MAT
	SEEDING, CLASS 4A (MODIFIED)
	PERIMETER EROSION BARRIER
	INLET AND PIPE PROTECTION

IMPROVEMENTS  
END  
STA 39+87.29



SEC 14, T 17 N, R 2 W, 4TH PM

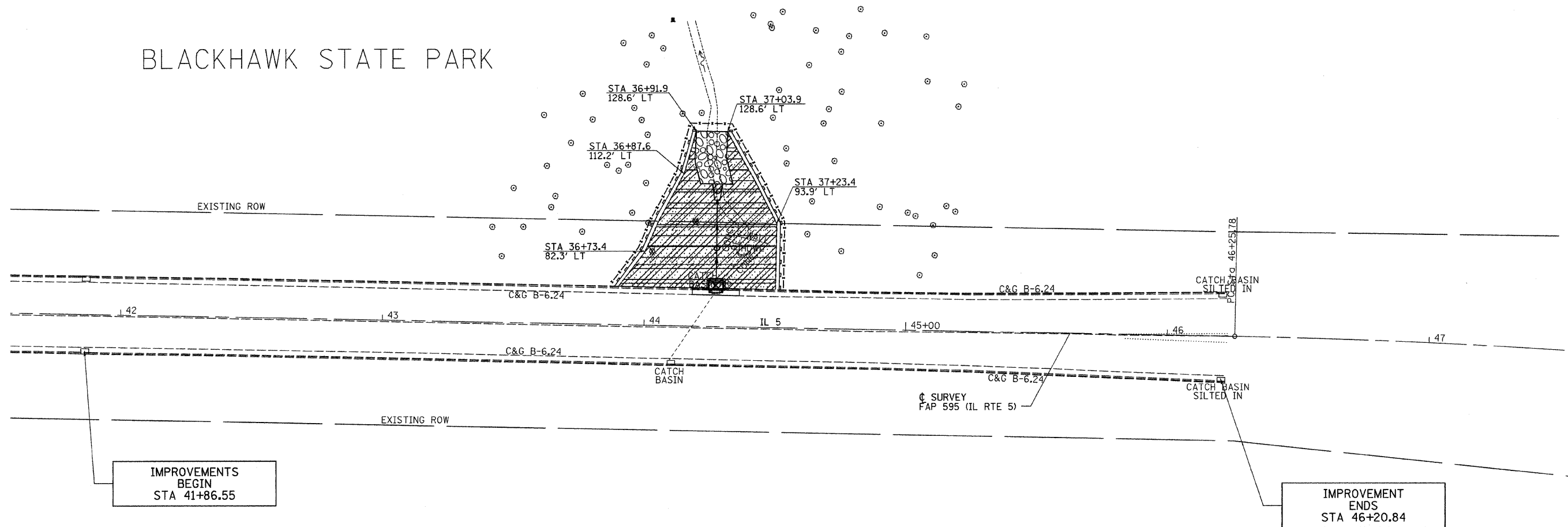
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PLOT SCALE = 20.0000' / IN.	CHECKED - AWM	REVISIED -	REVISIED -		SCALE: 1" = 20'-0"	SHEET NO. 1 OF 2 SHEETS	STA. 27+50.00 TO STA. 33+50.00	CONTRACT NO. 64E75			
PLOT DATE = 3/9/2010	DATE - 3/1/2010	REVISIED -	REVISIED -		ILLINOIS FED. AID PROJECT						

# EROSION CONTROL & SEEDING PLANS



SEC 14, T 17 N, R 2 W, 4TH PM

BLACKHAWK STATE PARK



IMPROVEMENTS  
BEGIN  
STA 41+86.55

IMPROVEMENT  
ENDS  
STA 46+20.84

LEGEND	
	STONE RIPRAP, CLASS A4
	TURF REINFORCEMENT MAT
	SEEDING, CLASS 4A (MODIFIED)
	PERIMETER EROSION BARRIER
	INLET AND PIPE PROTECTION



SEC 14, T 17 N, R 2 W, 4TH PM

FILE NAME =	USER NAME = jdean	DESIGNED - AWM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION CONTROL &amp; SEEDING PLAN SHEET</b>	F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
vs\transportation\2244\2244-20\202909ER.dgn		DRAWN - TJD	REVISED -			595	(18ZIM-2)	ROCK ISLAND	41	12	
PLOT SCALE = 20.0000' / IN.		CHECKED - AWM	REVISED -			CONTRACT NO. 64E75					
PLOT DATE = 3/9/2010		DATE - 3/1/2010	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

SCALE: 1" = 20'-0" SHEET NO. 2 OF 2 SHEETS STA. 41+50.00 TO STA. 47+50.00



Illinois Department  
of Transportation  
Division of Highways  
Illinois Department of Transportation/D-2

# SOIL BORING LOG

Page 1 of 1

Date 3609

ROUTE FAP 595 DESCRIPTION P92-029-09 John Deere Road in Blackhawk State Park, N. Curb to N. Slope LOGGED BY W. Garza  
SECTION (18Z) M-2 LOCATION , SEC., TWP., RNG.  
COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

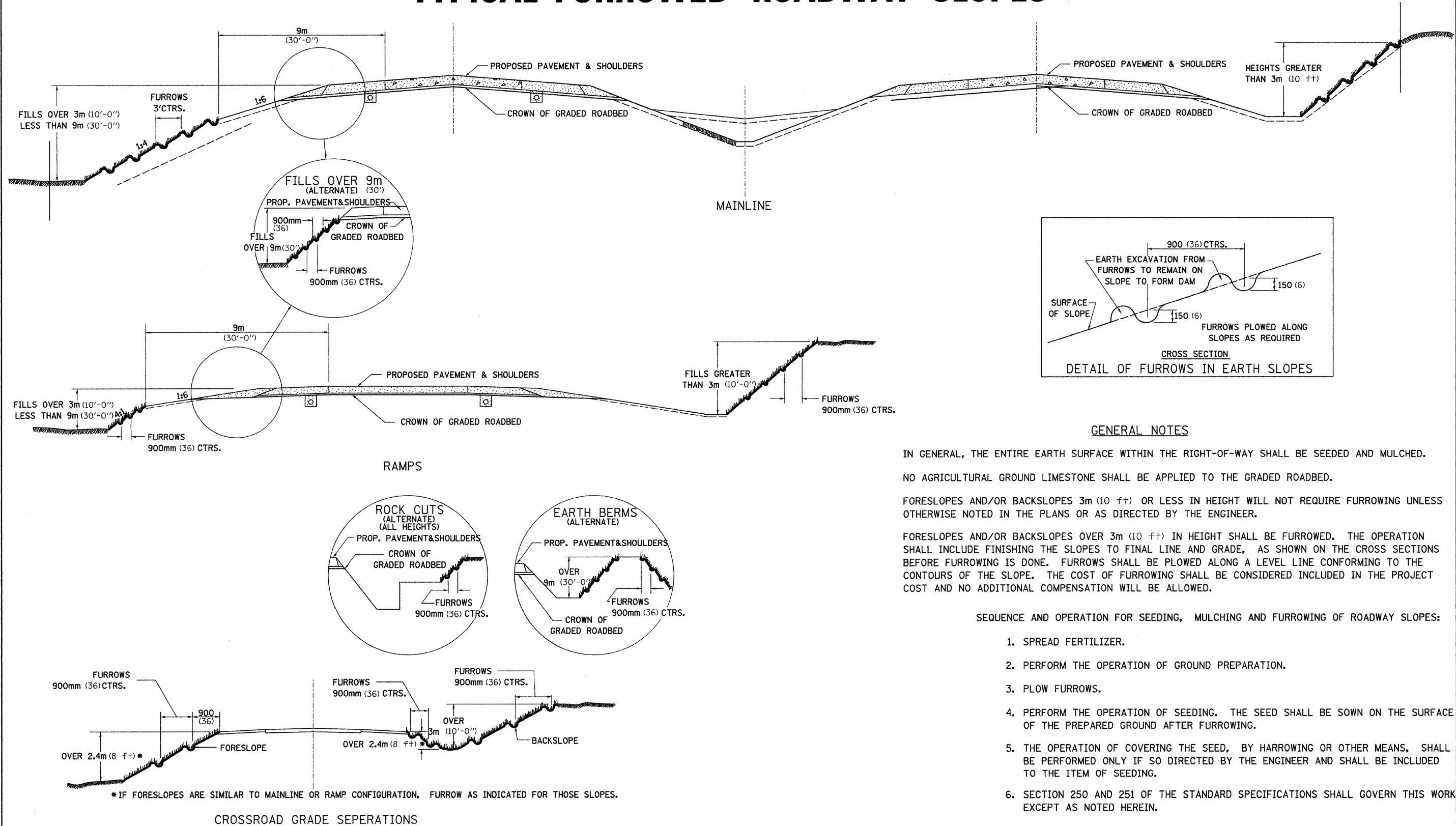
STRUCT. NO. Station	D E P T H (ft)	B L O W S (6")	U C S (tsf)	M O S T (%)	Description	D E P T H (ft)	B L O W S (6")	U C S (tsf)	M O S T (%)
					SOFT brown SANDY LOAM				
			0.3	20.0	4 TSF, 23% W				
	641.30	3			MEDIUM tan SILTY LOAM				
	639.80	3	0.5	25.0					
		3	P						
					SOFT tan SILTY LOAM				
		1							
		2	0.3	24.0					
		4	P						
	636.80				MEDIUM tan SILTY LOAM				
		3							
	634.80	4	0.9	23.0					
		5	S						
					MEDIUM tan SILTY CLAY LOAM				
		2							
		2	0.6	24.0					
	632.30	3	B						
					MEDIUM light brown SILT				
		3							
		5	0.8	24.0					
	629.80	5	S						
					STIFF light brown SILTY CLAY LOAM				
		3							
		4	1.1	21.0					
	627.30	5	P						
					MEDIUM light gray SILTY LOAM				
		1							
		2	0.8	29.0					
		4	S						
	624.30								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

FILE NAME =	USER NAME = jdeen	DESIGNED - AWM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BORING LOGS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
v:\transportation\2244\2244-20\20290\CBS.dgn	DRAWN - TJD	REVISED -	595					(18Z)M-2	ROCK ISLAND	41	13	
PLOT SCALE = 1.0000' / IN.	CHECKED - AWM	REVISED -	CONTRACT NO. 64E75									
PLOT DATE = 3/9/2010	DATE - 3/1/2010	REVISED -	ILLINOIS FED. AID PROJECT									
				SCALE: N/A	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.					

# TYPICAL FURROWED ROADWAY SLOPES



## GENERAL NOTES

- IN GENERAL, THE ENTIRE EARTH SURFACE WITHIN THE RIGHT-OF-WAY SHALL BE SEEDING AND MULCHED.
- NO AGRICULTURAL GROUND LIMESTONE SHALL BE APPLIED TO THE GRADED ROADBED.
- FORESLOPES AND/OR BACKSLOPES 3m (10 ft) OR LESS IN HEIGHT WILL NOT REQUIRE FURROWING UNLESS OTHERWISE NOTED IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
- FORESLOPES AND/OR BACKSLOPES OVER 3m (10 ft) IN HEIGHT SHALL BE FURROWED. THE OPERATION SHALL INCLUDE FINISHING THE SLOPES TO FINAL LINE AND GRADE, AS SHOWN ON THE CROSS SECTIONS BEFORE FURROWING IS DONE. FURROWS SHALL BE PLOWED ALONG A LEVEL LINE CONFORMING TO THE CONTOURS OF THE SLOPE. THE COST OF FURROWING SHALL BE CONSIDERED INCLUDED IN THE PROJECT COST AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

## SEQUENCE AND OPERATION FOR SEEDING, MULCHING AND FURROWING OF ROADWAY SLOPES:

1. SPREAD FERTILIZER.
2. PERFORM THE OPERATION OF GROUND PREPARATION.
3. PLOW FURROWS.
4. PERFORM THE OPERATION OF SEEDING. THE SEED SHALL BE SOWN ON THE SURFACE OF THE PREPARED GROUND AFTER FURROWING.
5. THE OPERATION OF COVERING THE SEED, BY HARROWING OR OTHER MEANS, SHALL BE PERFORMED ONLY IF SO DIRECTED BY THE ENGINEER AND SHALL BE INCLUDED TO THE ITEM OF SEEDING.
6. SECTION 250 AND 251 OF THE STANDARD SPECIFICATIONS SHALL GOVERN THIS WORK EXCEPT AS NOTED HEREIN.

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

## TYPICAL FURROWED ROADWAY SLOPES 1.1

FILE NAME =	USER NAME = jdean	DESIGNED - AWM	REVISED - 1-15-08	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
v:\transportation\2244\2244-20\202909.dgn		DRAWN - TJD	REVISED -					595	(182M-2)	ROCK ISLAND	41	14
PLLOT SCALE = 50.0000' / IN.		CHECKED - AWM	REVISED -		SCALE: SHEET NO. 1 OF 5 SHEETS STA. TO STA.			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 64E75		
PLLOT DATE = 3/9/2010		DATE - 3/1/2010	REVISED -									



# DETAILS FOR CURB & GUTTER REPLACEMENT AT INLET

CONCRETE CURB AND GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 606 OF THE STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, STANDARD 606001 AND THIS DRAWING.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. A HOLE 40 (1 1/2) IN DIAMETER AND 225 (9) DEEP SHALL BE DRILLED IN THE EXISTING CONCRETE CURB AS SHOWN. A 32x450 (1 1/4 X 18) SMOOTH DOWEL BAR SHALL BE GROUTED IN THE HOLE LONGITUDINALLY.

JOINTS OF A TYPE SIMILAR TO THAT IN THE UNDERLYING PAVEMENT (EXPANSION OR CONTRACTION) SHALL BE INSTALLED IN THE CONCRETE CURB IN ALIGNMENT WITH THE JOINTS IN THE PAVEMENT.

INLETS ARE NOT TO BE INCLUDED IN THE MEASUREMENT FOR CURB AND GUTTER REPLACEMENT.

THE PROPOSED CONFIGURATION OF THE CURB AND GUTTER SHALL MATCH THAT REMOVED.

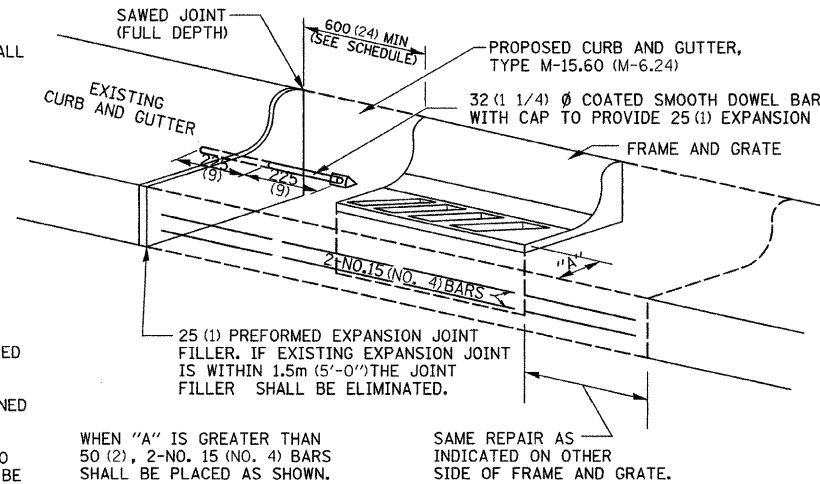
THE CONCRETE REQUIRED BETWEEN THE EDGE OF PAVEMENT AND FRAME AND GRATE SHALL BE CONSIDERED INCIDENTAL TO THE CURB AND GUTTER.

THE LOCATION OF THE DOWEL BAR SHALL BE DETERMINED BY THE ENGINEER.

THE COST OF ALL MATERIALS AND LABOR REQUIRED TO INSTALL THE JOINTS AND BARS IN THE CURBS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER METER (FOOT) FOR COMBINATION CURB AND GUTTER.

ALL EXISTING TIE BARS IN EDGE OF PAVEMENT SLAB THRU REPLACEMENT AREA SHALL BE CUT OFF.

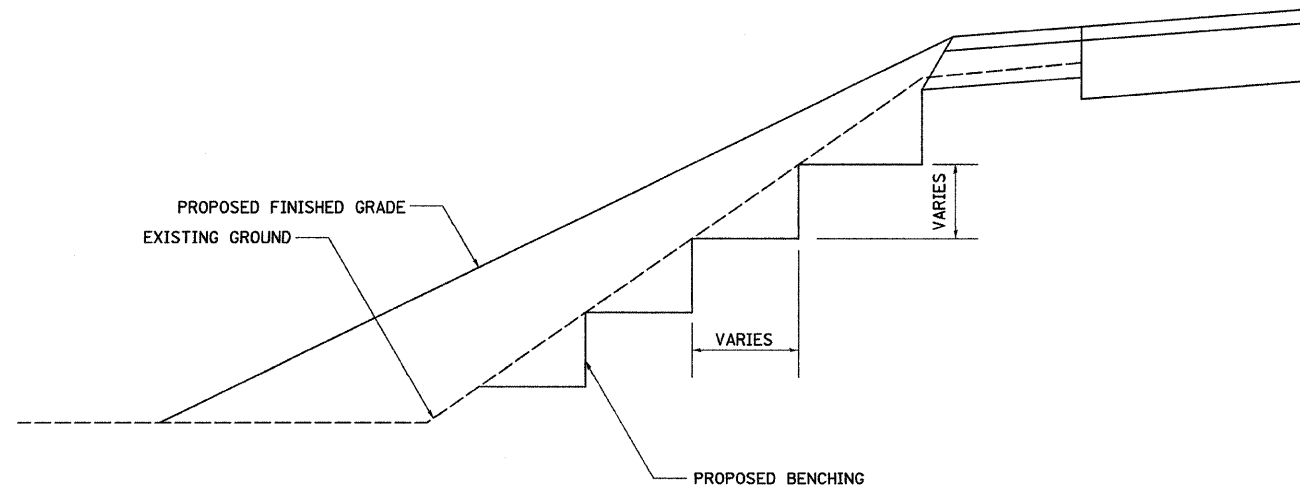
REVISED - 5-4-94



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

## DETAILS FOR CURB & GUTTER REPLACEMENT AT INLET 17.4

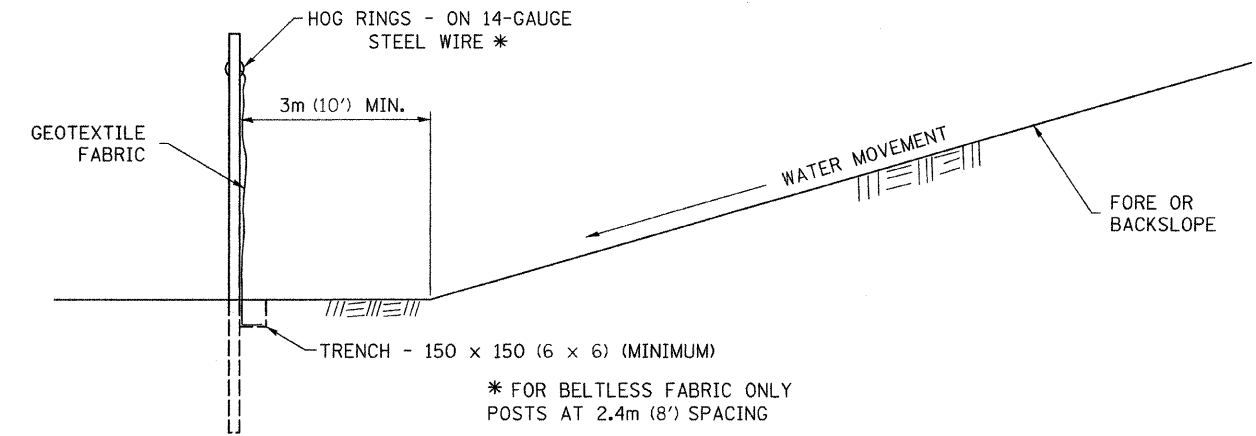
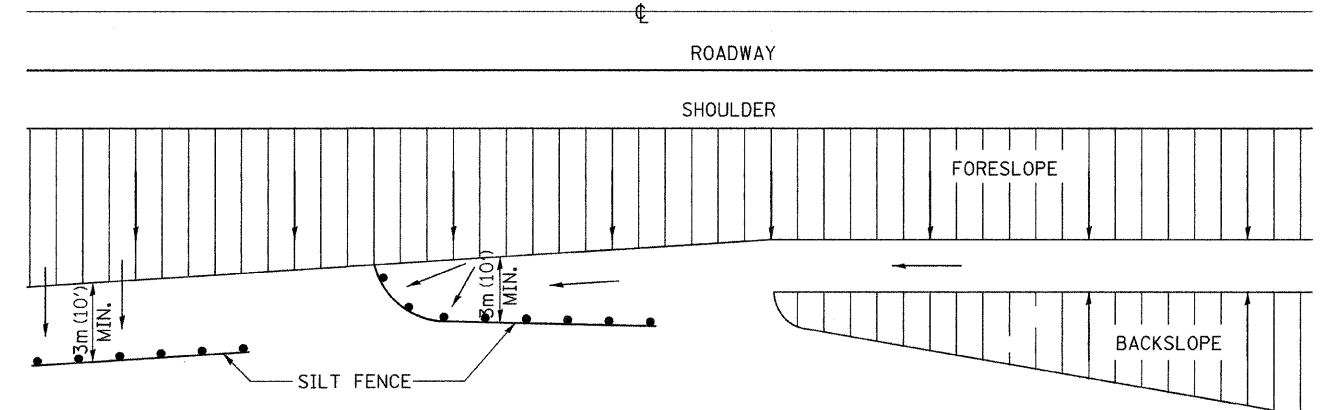
# TYPICAL BENCHING ON EXISTING EMBANKMENT



REVISED - 2-22-06

## TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4

# EROSION CONTROL DETAILS FOR SILT FENCE



## DETAILS OF SILT FENCE

REVISED - 10-22-01

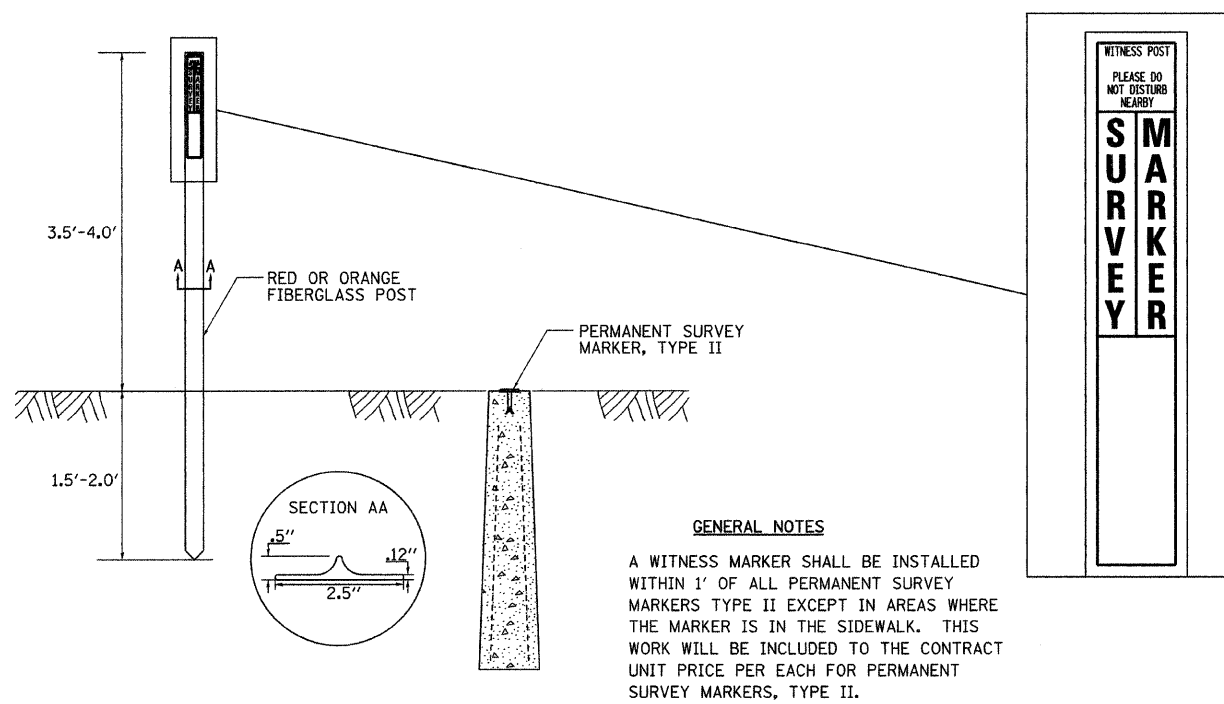
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

## EROSION CONTROL DETAILS FOR SILT FENCE 29.2

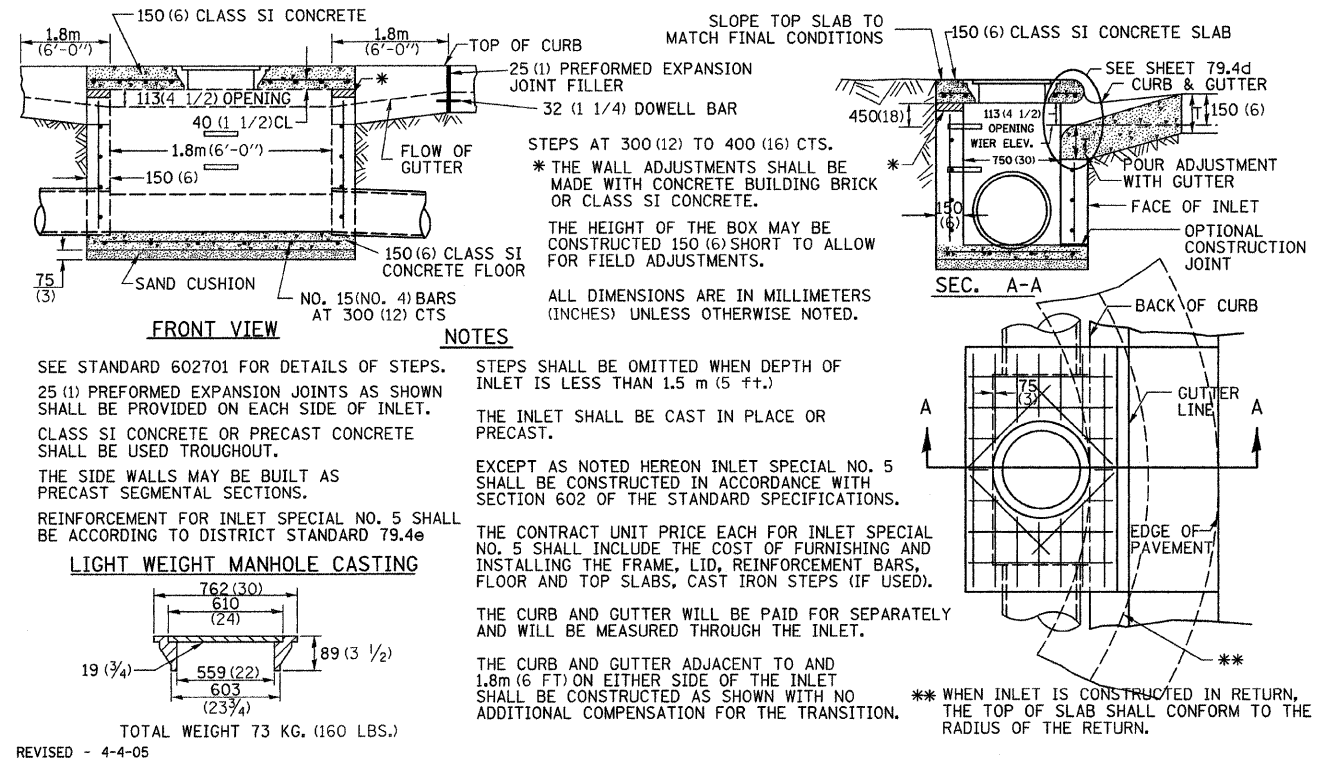
REVISED -	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -		595	(182)M-2	ROCK ISLAND	41	15
REVISED -		CONTRACT NO. 64E75				
REVISED -		SCALE: 50:0000 1" = 50'	SHEET NO. 2 OF 5 SHEETS		STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

PLOT DATE = 3/9/2010

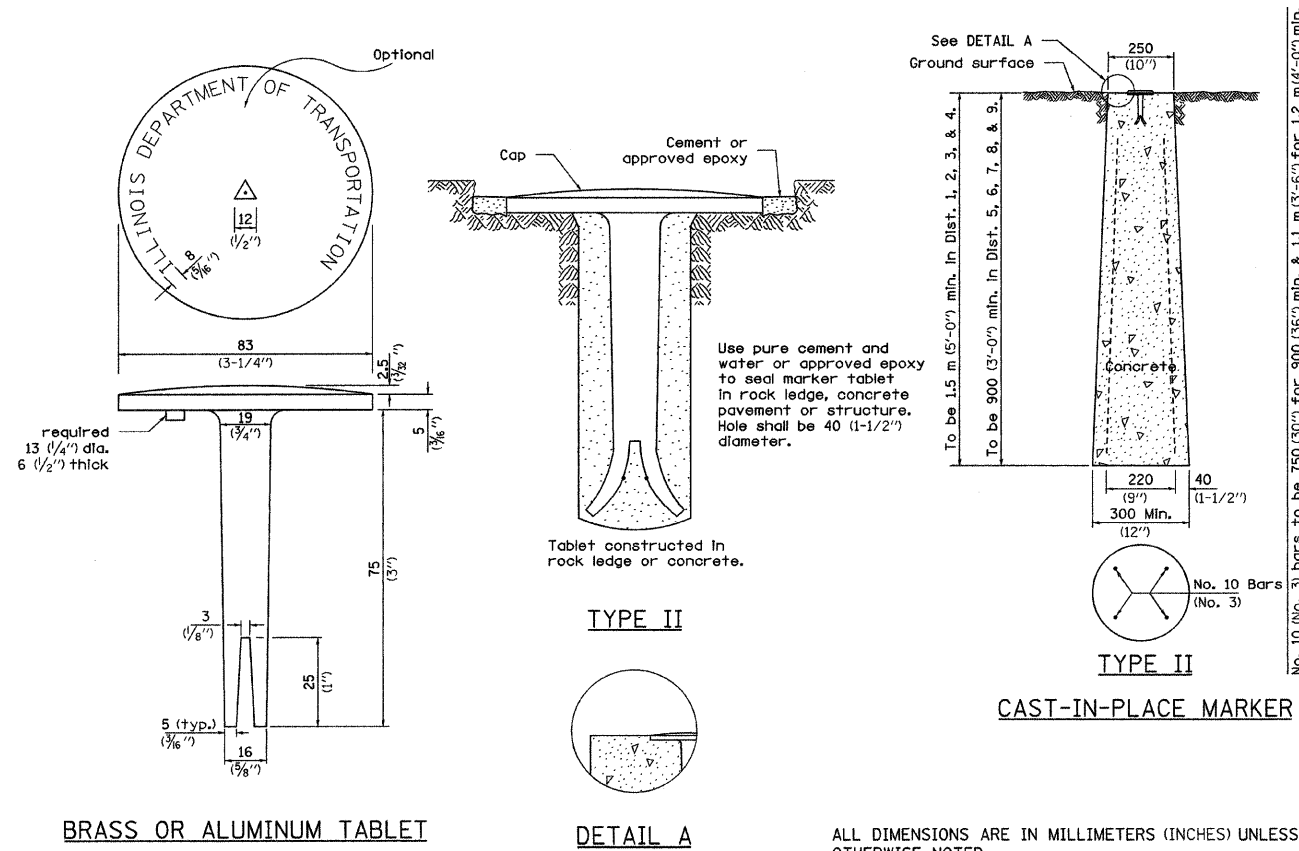
# WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II



# INLET SPECIAL NO. 5



# PERMANENT SURVEY MARKERS, TYPE II

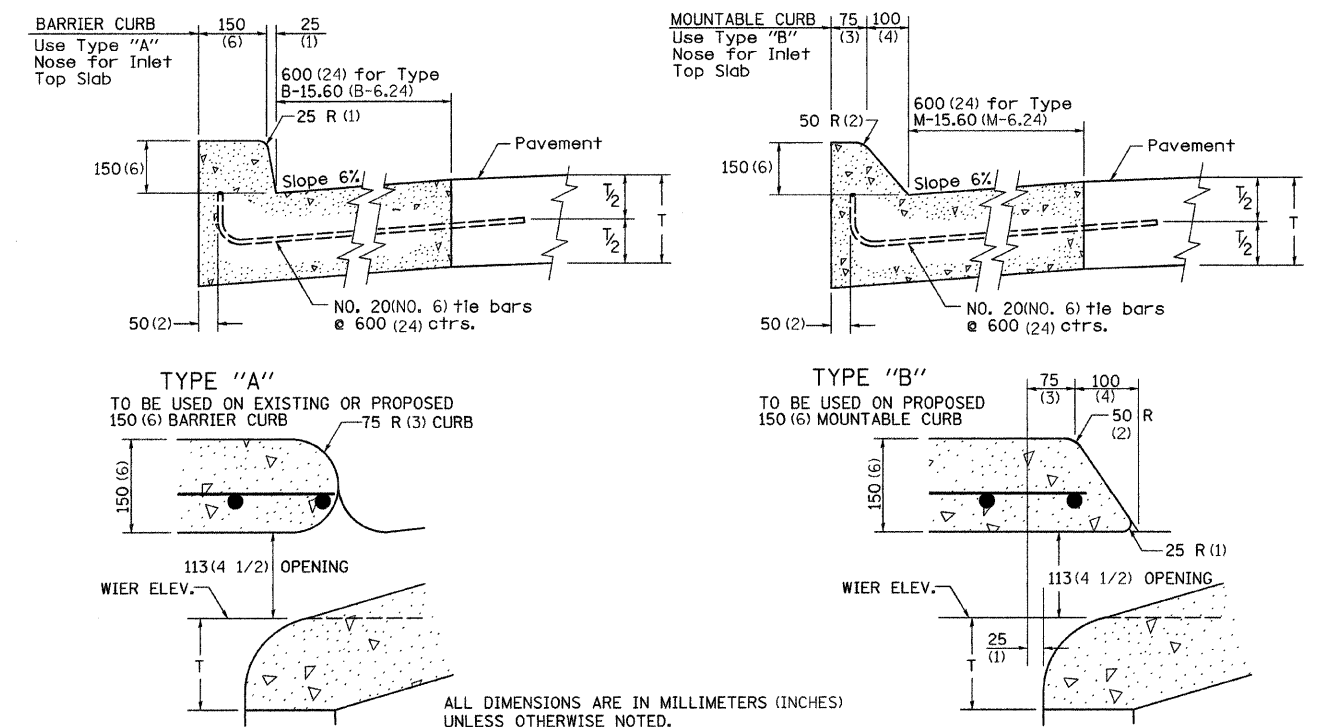


REVISD - 10-21-08

## WITNESS MARKER & PERMANENT SURVEY MARKERS, TYPE II 66.2

# INLET SPECIAL NO. 5 79.4b

# NOSE TYPE FOR INLET TOP SLAB



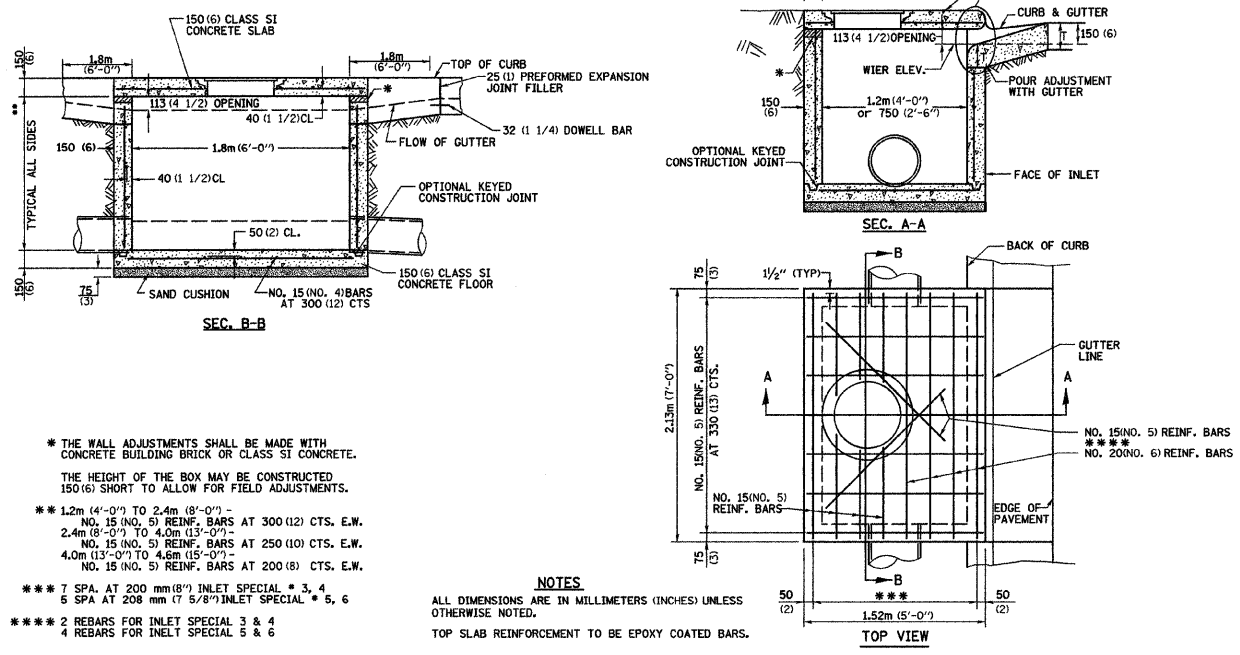
REVISD - 2-14-95

## NOSE TYPE FOR INLET TOP SLAB 79.4d

REVISD -	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
REVISD -		595	(182M-2)	ROCK ISLAND	41 16
REVISD -		CONTRACT NO. 64E75			
REVISD -		SCALE: 50,0000' / IN	SHEET NO. 3 OF 5 SHEETS	STA.	TO STA.

PLOT DATE = 3/9/2010

# INLET SPECIAL NO. 3, 4, 5, 6 REINFORCEMENT DETAIL



\* THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS S1 CONCRETE.  
 THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 150(6) SHORT TO ALLOW FOR FIELD ADJUSTMENTS.  
 \*\* 1.2m (4'-0") TO 2.4m (8'-0") - NO. 15 (NO. 5) REINF. BARS AT 300 (12) CTS. E.W.  
 2.4m (8'-0") TO 4.0m (13'-0") - NO. 15 (NO. 5) REINF. BARS AT 250 (10) CTS. E.W.  
 4.0m (13'-0") TO 4.8m (15'-0") - NO. 15 (NO. 5) REINF. BARS AT 200 (8) CTS. E.W.  
 \*\*\* 7 SPA. AT 200 mm (8") INLET SPECIAL \* 3, 4  
 5 SPA AT 208 mm (7 5/8") INLET SPECIAL \* 5, 6  
 \*\*\*\* 2 REBARS FOR INLET SPECIAL 3 & 4  
 4 REBARS FOR INLET SPECIAL 5 & 6

**NOTES**  
 ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.  
 TOP SLAB REINFORCEMENT TO BE EPOXY COATED BARS.

REVISED - 11-01-07

## INLET SPECIAL NO. 3, 4, 5, 6 REINFORCEMENT DETAIL 79.4e

# TREE REPLACEMENT SCHEDULE

CODE NUMBER	SCIENTIFIC NAME	COMMON NAME	SIZE	UNIT	QUANTITY
A2005814	PLATANUS OCCIDENTALIS	SYCAMORE	1 3/4"	EACH	2
A2006414	QUERCUS ALBA	WHITE OAK	1 3/4"	EACH	15
A2006714	QUERCUS MACROCARPA	BUR OAK	1 3/4"	EACH	8
A2007114	QUERCUS RUBRA	RED OAK	1 3/4"	EACH	15
A2007814	TILIA AMERICANA	AMERICAN LINDEN/BASSWOOD	1 3/4"	EACH	4

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

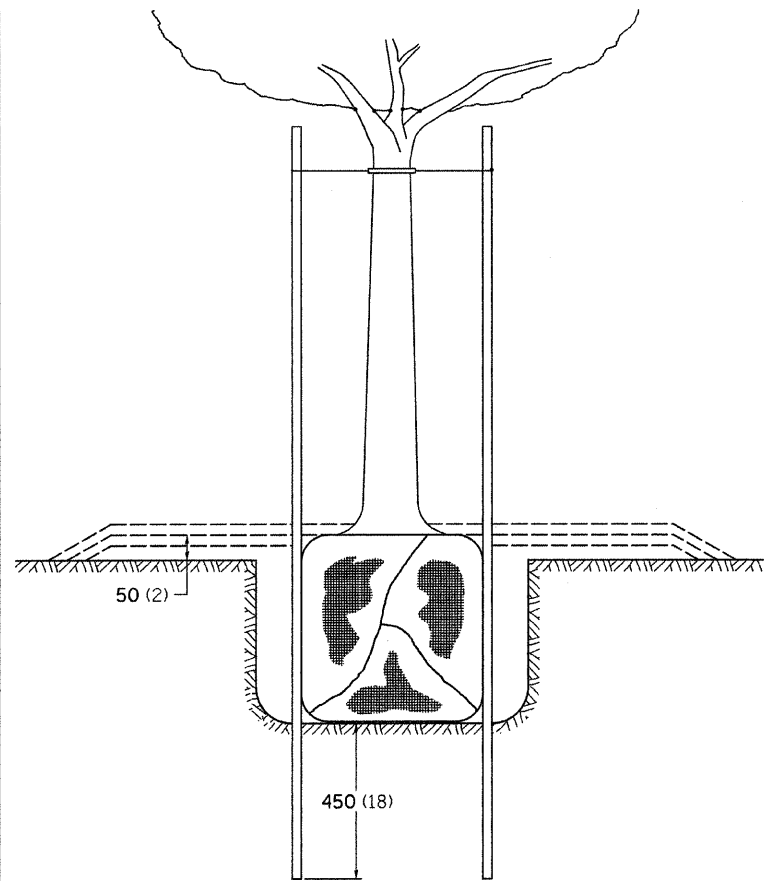
REVISED - 8-10-05

## TREE REPLACEMENT SCHEDULE 90.4

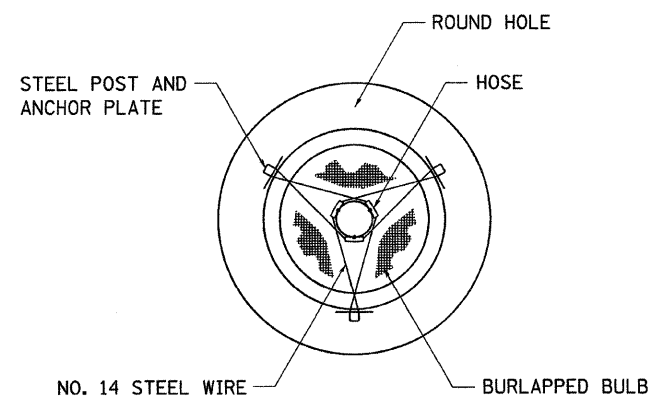
REVISED -	<b>REGION 2 / DISTRICT 2 STANDARD</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
REVISED -		595	(182)M-2	ROCK ISLAND	41	17	
REVISED -		SCALE: 50,000' / IN. SHEET NO. 4 OF 5 SHEETS STA. TO STA.				CONTRACT NO. 64E75	
REVISED -		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

PLOT DATE = 3/9/2010

# DETAILS OF PLANTING AND BRACING TREES

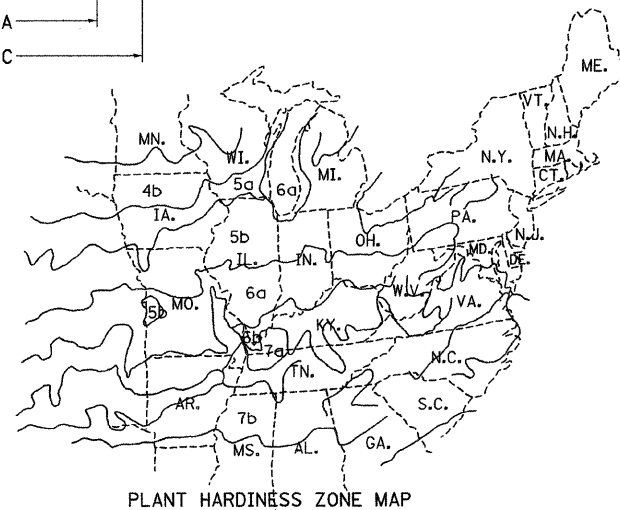
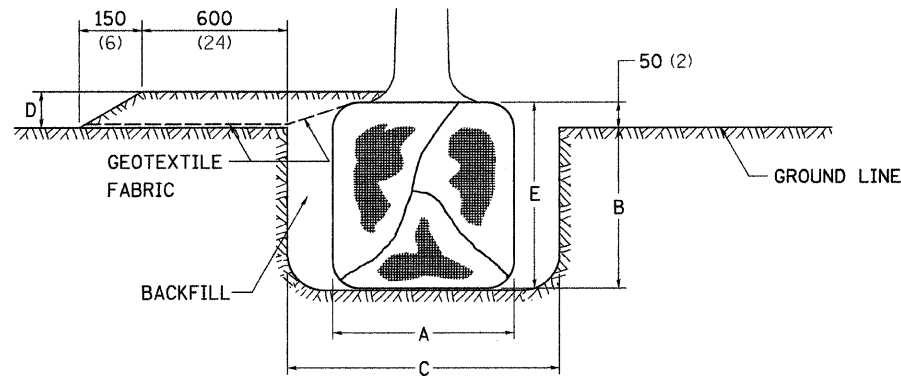


TREES SMALLER THAN 115 (4 1/2) IN DIAMETER

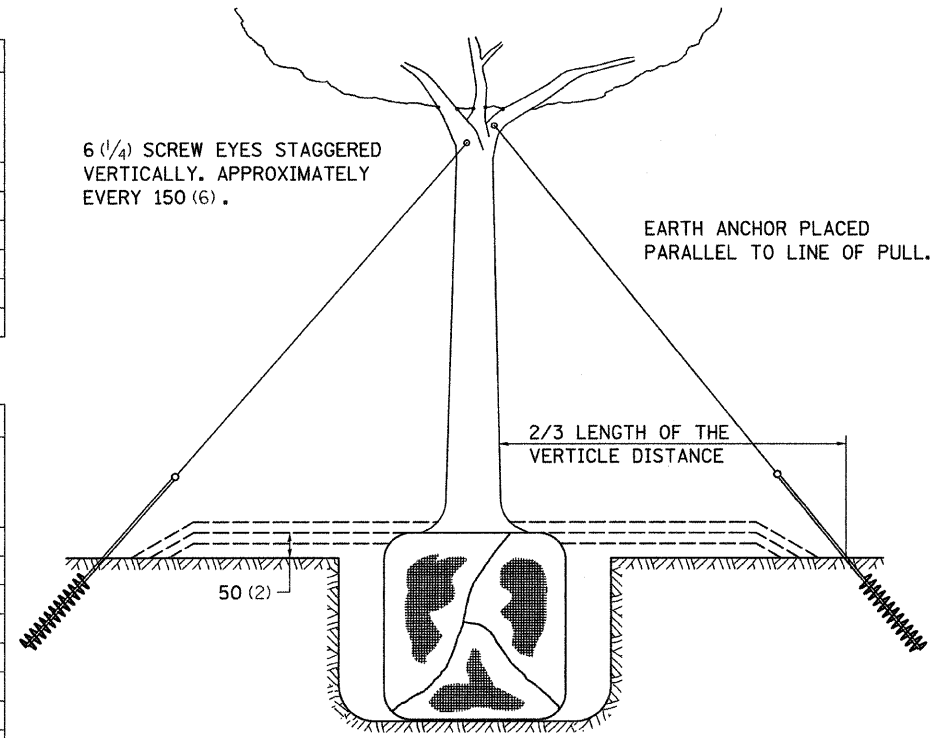


SMALL	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER m <sup>3</sup> (CU. YDS.)
1.5-1.8m (5'-6')	400 (16)	250 (10)	750 (30)	100 (4)	300 (12)	0.41 (0.54)
1.5-1.8m (5'-6') BB	400 (16)	250 (10)	750 (30)	100 (4)	300 (12)	0.41 (0.54)
1.8-2.0m (6'-7') BB	450 (18)	300 (12)	750 (30)	100 (4)	350 (14)	0.41 (0.54)
2.0-2.4m (7'-8') BB	500 (20)	275 (11)	750 (30)	100 (4)	325 (13)	0.41 (0.54)
2.4-3.0m (8'-10') BB	600 (24)	350 (14)	900 (36)	100 (4)	400 (16)	0.47 (0.61)
3.0-3.6m (10'-12') BB	650 (26)	375 (15)	900 (36)	100 (4)	425 (17)	0.47 (0.61)

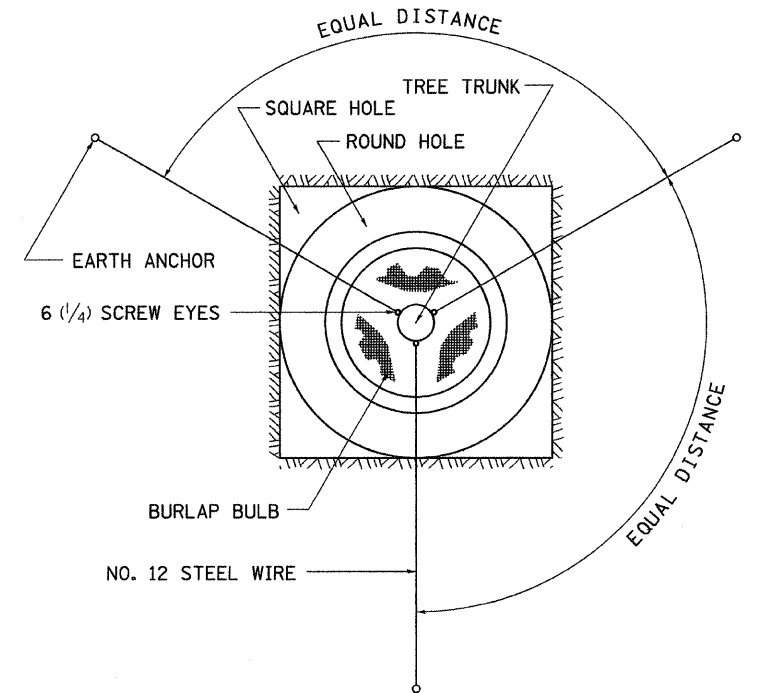
LARGE	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER m <sup>3</sup> (CU. YDS.)
0-50 (0-2)	500 (20)	275 (11)	900 (36)	100 (4)	325 (13)	0.47 (0.61)
50-65 (2-2 1/2) BB	600 (24)	350 (14)	1200 (48)	100 (4)	400 (16)	0.60 (0.78)
65-75 (2 1/2-3) BB	700 (28)	425 (17)	1200 (48)	100 (4)	475 (19)	0.60 (0.78)
75-90 (3-3 1/2) BB	800 (32)	425 (17)	1500 (60)	100 (4)	475 (19)	0.73 (0.96)
90-100 (3 1/2-4) BB	900 (36)	500 (20)	1500 (60)	100 (4)	550 (22)	0.73 (0.96)
100-115 (4-4 1/2) BB	1000 (40)	550 (22)	1800 (72)	100 (4)	600 (24)	0.89 (1.16)
115-125 (4 1/2-5) BB	1100 (44)	600 (24)	1800 (72)	100 (4)	650 (26)	0.89 (1.16)
125-140 (5-5 1/2) BB	1200 (48)	675 (27)	2100 (84)	100 (4)	725 (29)	1.06 (1.38)



PLANT HARDINESS ZONE MAP  
U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE  
PUBLICATION NO. 814



TREES OVER 115 (4 1/2) IN DIAMETER



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

## DETAILS OF PLANTING AND BRACING TREES

92.1

FILE NAME =	USER NAME = jdeen	DESIGNED - AWM	REVISED - 10-15-04
vs:\transportation\2244\2244-20\202909.dgn		DRAWN - TJD	REVISED -
PLOT SCALE = 50.0000' / IN.		CHECKED - AWM	REVISED -
PLOT DATE = 3/9/2010		DATE - 3/1/2010	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

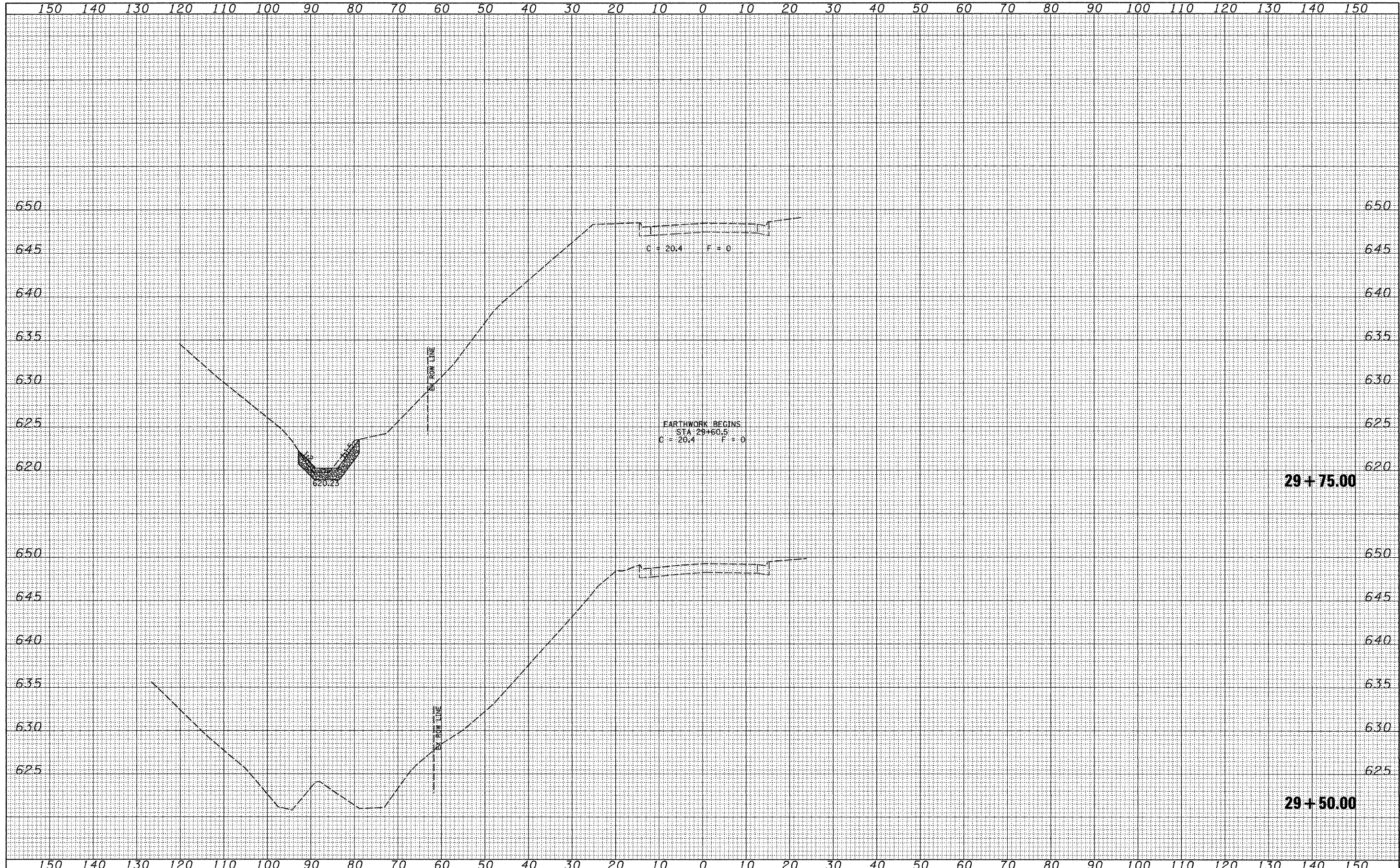
SCALE: SHEET NO. 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(182)M-2	ROCK ISLAND	41	18
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64E75	



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

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



FILE NAME = V:\Transportation\2244\2244-28\Z82989XMI.dgn  
 USER NAME = jdaen

DESIGNED - AWM	REVISED -
DRAWN - TJD	REVISED -
CHECKED - AWM	REVISED -
DATE - 3/1/2010	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

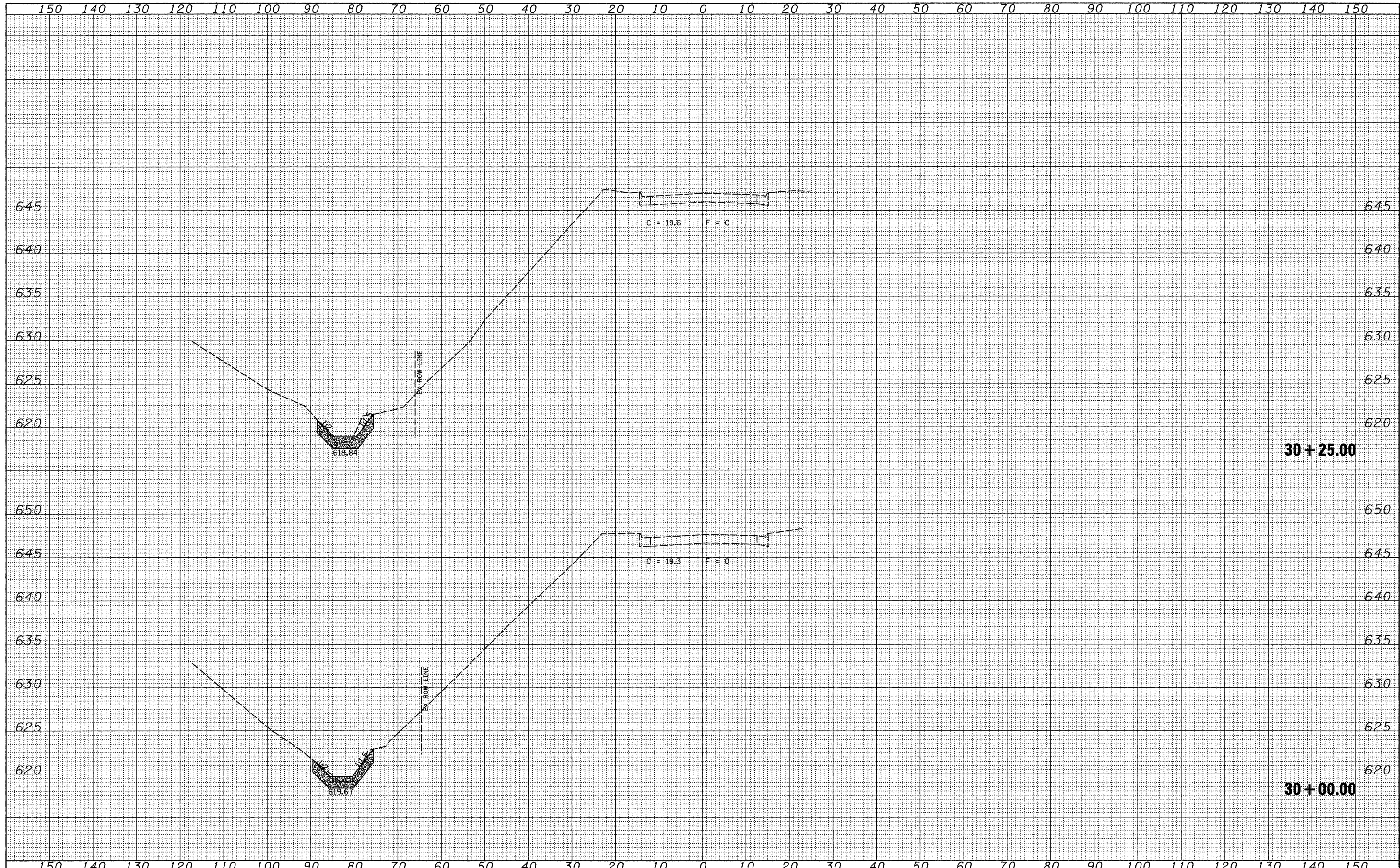
SCALE: 1"=10'    SHEET NO. 1 OF 23 SHEETS    STA. 29+50.00 TO STA. 29+75.00

F.A.P. RTE. 595	SECTION (18ZM-2)	COUNTY ROCK ISLAND	TOTAL SHEETS 41	SHEET NO. 19
CONTRACT NO. 64E75			ILLINOIS FED. AID PROJECT	



FINAL SURVEY	SURVISED	DATE
NOTE BOOK NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVISED	DATE
NOTE BOOK NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



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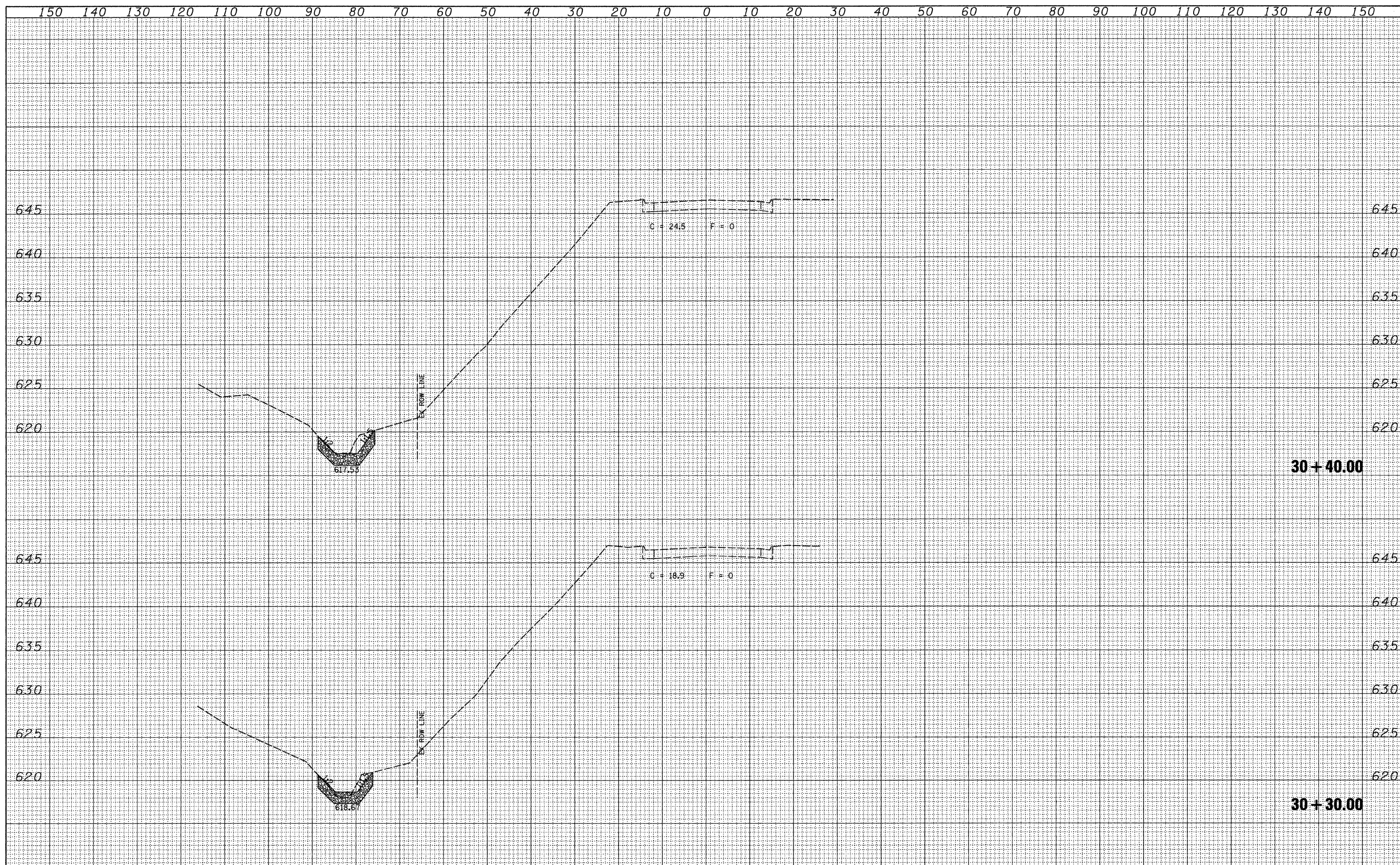
USER NAME = jdeen	DESIGNED - AWM	REVISED -
	DRAWN - TJD	REVISED -
PLOT SCALE = 10.0000' / IN.	CHECKED - AWM	REVISED -
PLOT DATE = 3/9/2010	DATE - 3/1/2010	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS</b>			
SCALE: 1"=10'	SHEET NO. 2 OF 23 SHEETS	STA. 30+00.00 TO STA. 30+25.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(182M-2)	ROCK ISLAND	41	20
CONTRACT NO. 64E75			ILLINOIS FED. AID PROJECT	





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

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

FILE NAME = V:\Transportation\2244\2244-28\282989XMI.dgn  
 USER NAME = jdean

DESIGNED - AWM	REVISED -
DRAWN - TJD	REVISED -
CHECKED - AWM	REVISED -
DATE - 3/1/2010	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

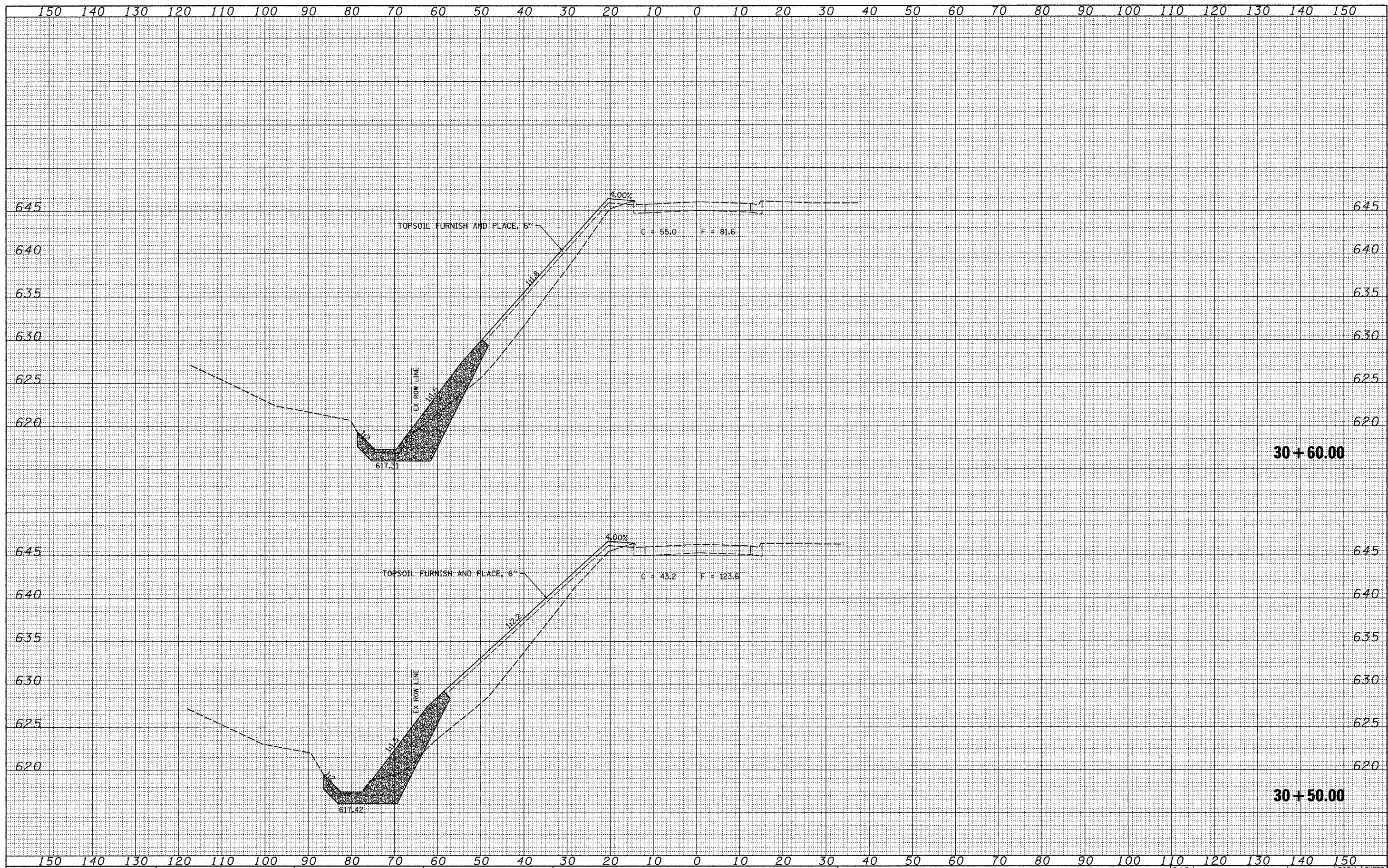
SCALE: 1"=10'    SHEET NO. 3 OF 23 SHEETS    STA. 30+30.00 TO STA. 30+40.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	1182M-2	ROCK ISLAND	41	21
CONTRACT NO. 64E75			ILLINOIS FED. AID PROJECT	



DATE	
BY	
FINAL SURVEY	
NOTED	
NO. OF AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NOTED	
NO. OF AREAS CHECKED	



FILE NAME = V:\Transportation\2244\2244-20\202989XMI.dgn

USER NAME = jdean  
 PLOT SCALE = 10.0000' / IN.  
 PLOT DATE = 3/8/2010

DESIGNED - AWM	REVISED -
DRAWN - TJD	REVISED -
CHECKED - AWM	REVISED -
DATE - 3/1/2010	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

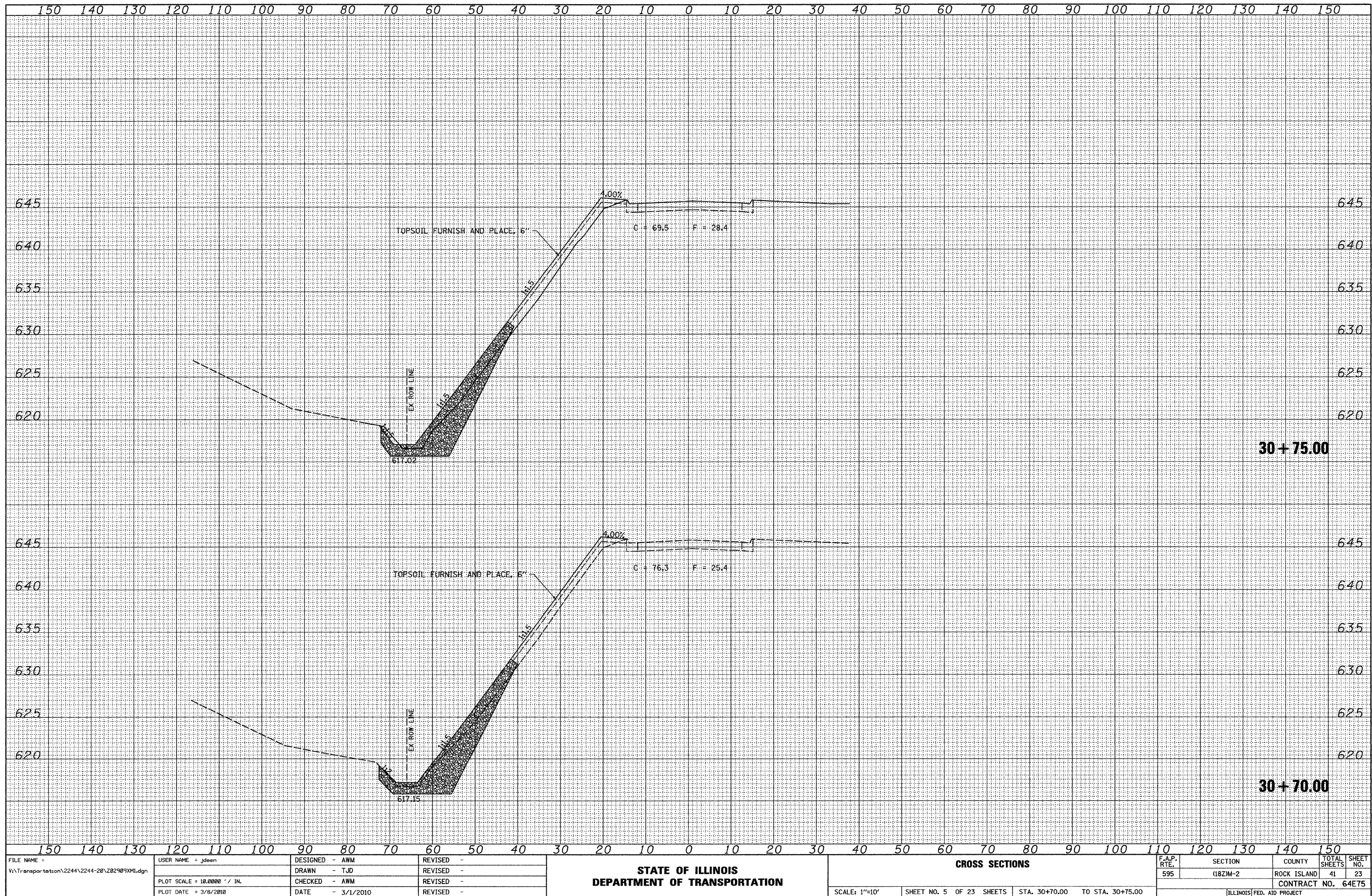
SCALE: 1"=10'    SHEET NO. 4 OF 23 SHEETS    STA. 30+50.00 TO STA. 30+60.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(182M-2	ROCK ISLAND	41	22
				CONTRACT NO. 64E75
ILLINOIS FED. AID PROJECT				



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

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



FILE NAME = V:\Transportation\2244\2244-20\202989XMI.dgn

USER NAME = jdean	DESIGNED - AWM	REVISED -
	DRAWN - TJD	REVISED -
	CHECKED - AWM	REVISED -
	DATE - 3/1/2010	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

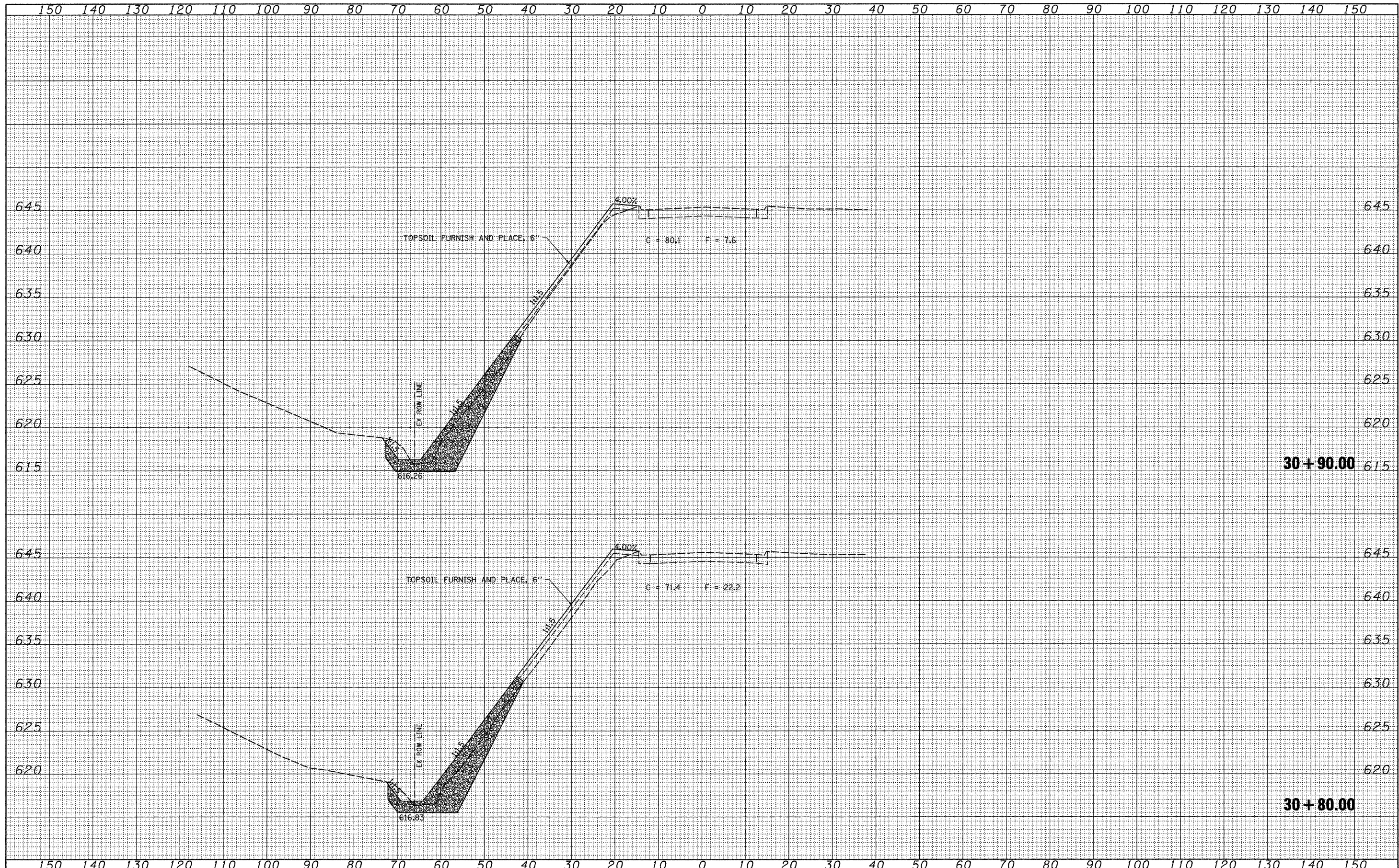
<b>CROSS SECTIONS</b>			
SCALE: 1"=10'	SHEET NO. 5 OF 23 SHEETS	STA. 30+70.00 TO STA. 30+75.00	F.A.P. RTE. 595

SECTION (182M-2)	COUNTY (ROCK ISLAND)	TOTAL SHEETS (41)	SHEET NO. (23)
CONTRACT NO. 64E75			
ILLINOIS FED. AID PROJECT			



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

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

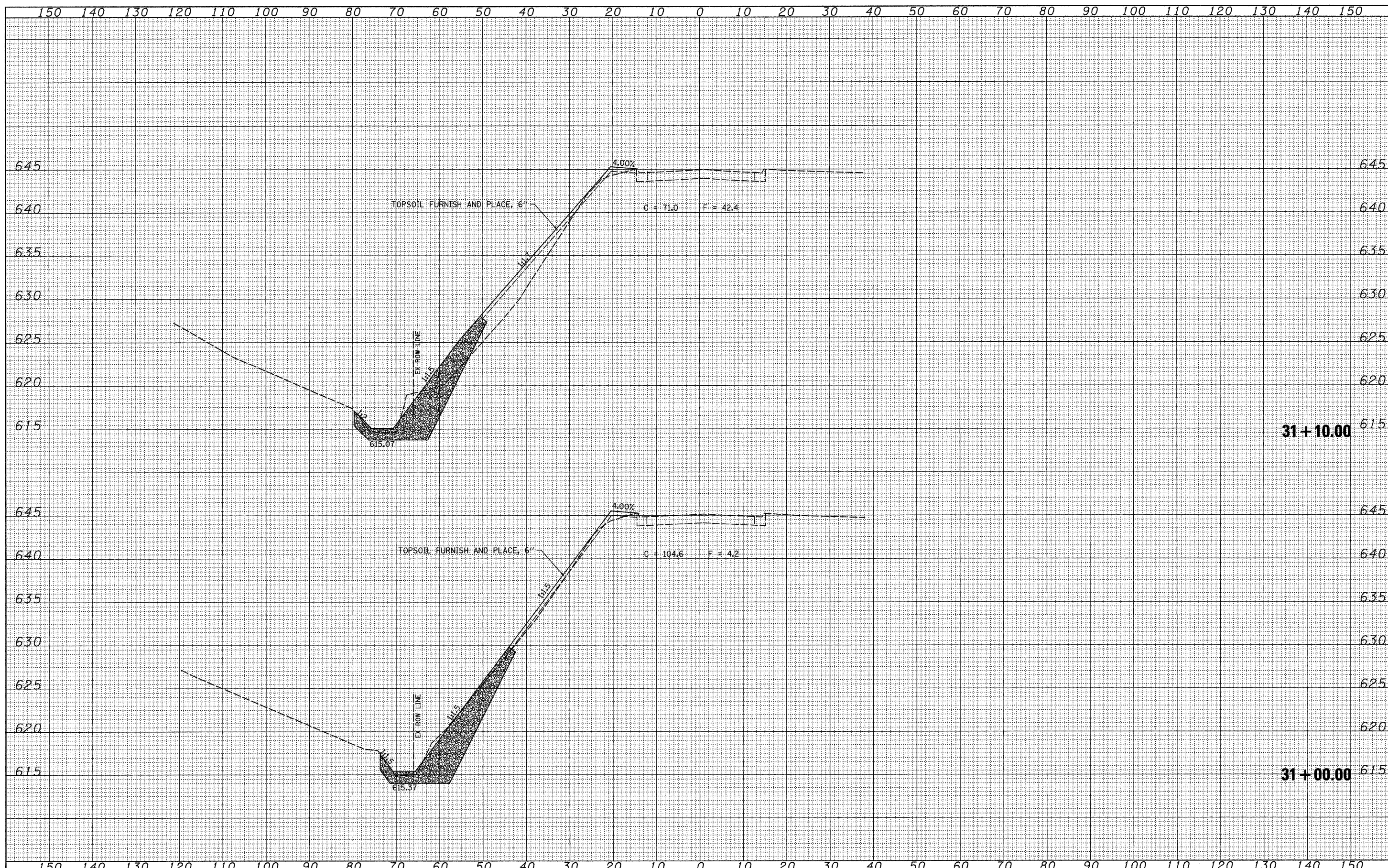


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PLOT SCALE = 10.0000' / IN.	CHECKED - AWM	DATE - 3/1/2010	REVISED -		SCALE: 1"=10'	SHEET NO. 6 OF 23 SHEETS	STA. 30+80.00 TO STA. 30+90.00	ILLINOIS FED. AID PROJECT		CONTRACT NO. 64E75			



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FINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
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	AREAS CHECKED

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ORIGINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	TEMPLATE
	AREAS CHECKED

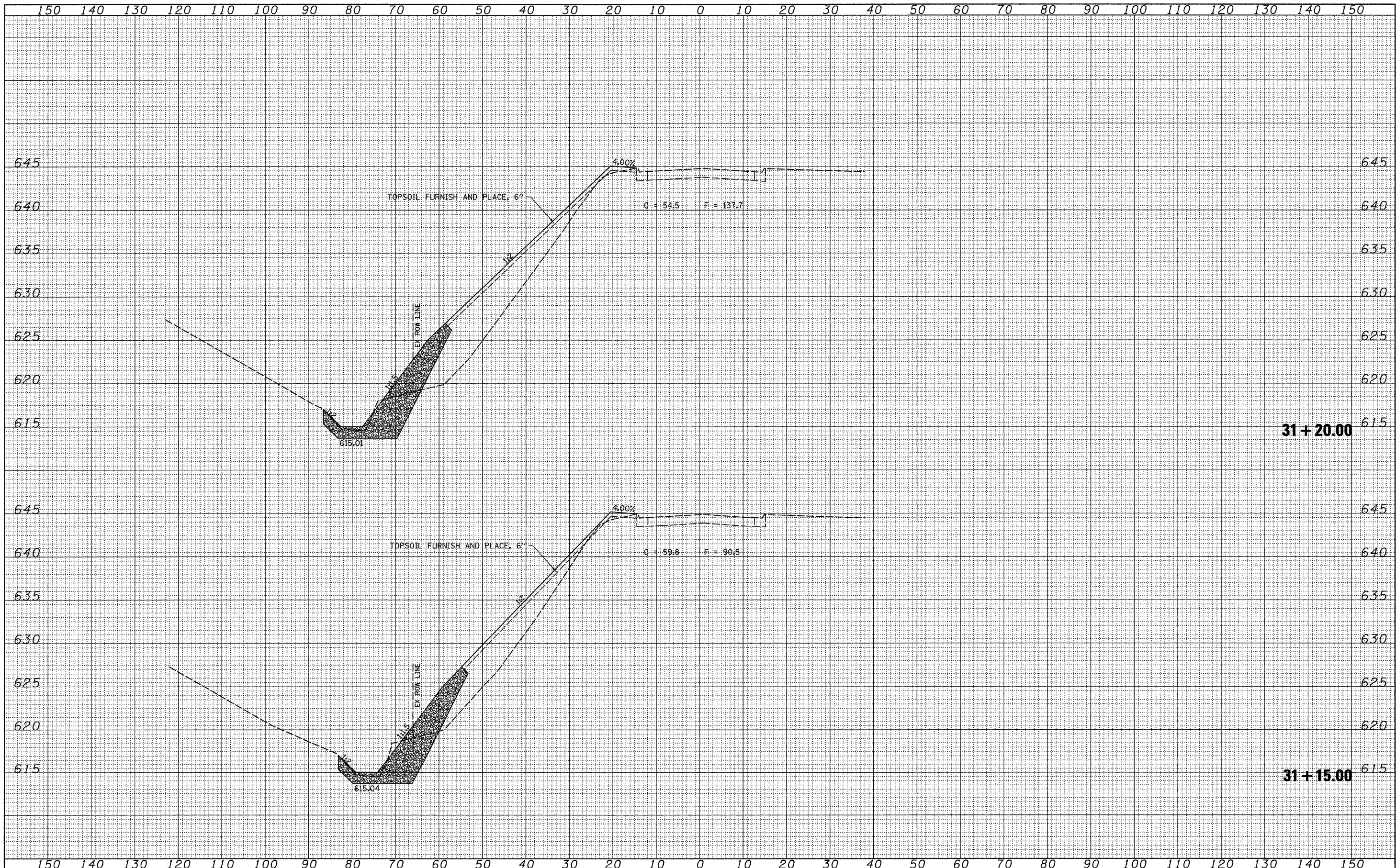


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PLOT SCALE = 10.0000' / IN.	CHECKED - AWM	REVISED -			SCALE: 1"=10'	SHEET NO. 7 OF 23 SHEETS	STA. 31+00.00	TO STA. 31+10.00	CONTRACT NO. 64E75		ILLINOIS FED. AID PROJECT		
PLOT DATE = 3/8/2010	DATE - 3/1/2010	REVISED -											



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NOTE BOOK	
AREAS CHECKED	
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ORIGINAL SURVEY	
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NOTE BOOK	
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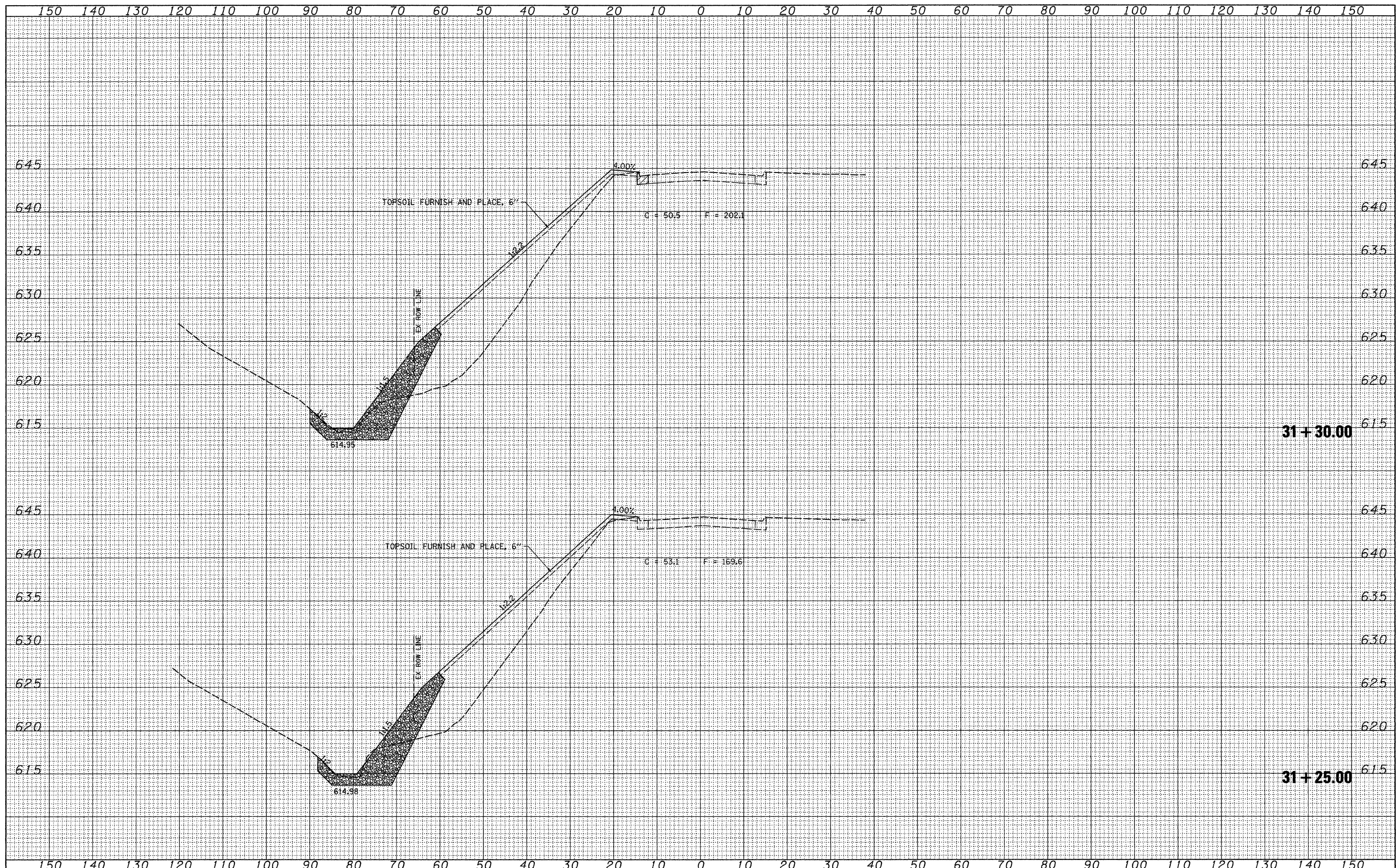


FILE NAME =	USER NAME = jdean	DESIGNED - AWM	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
V:\Transportation\2244\2244-20\Z02909XMI.dgn		DRAWN - TJD	REVISED -						595	(182M-2	ROCK ISLAND	41	26	
PLOT SCALE = 10.0000' / IN.		CHECKED - AWM	REVISED -		SCALE: 1"=10'				SHEET NO. 8 OF 23 SHEETS		STA. 31+15.00 TO STA. 31+20.00		CONTRACT NO. 64E75	
PLOT DATE = 3/8/2010		DATE - 3/1/2010	REVISED -		ILLINOIS FED. AID PROJECT									



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



FILE NAME = V:\Transportation\2244\2244-28\282989XMI.dgn  
 USER NAME = jdeen

DESIGNED - AWM	REVISED -
DRAWN - TJD	REVISED -
CHECKED - AWM	REVISED -
DATE - 3/1/2010	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

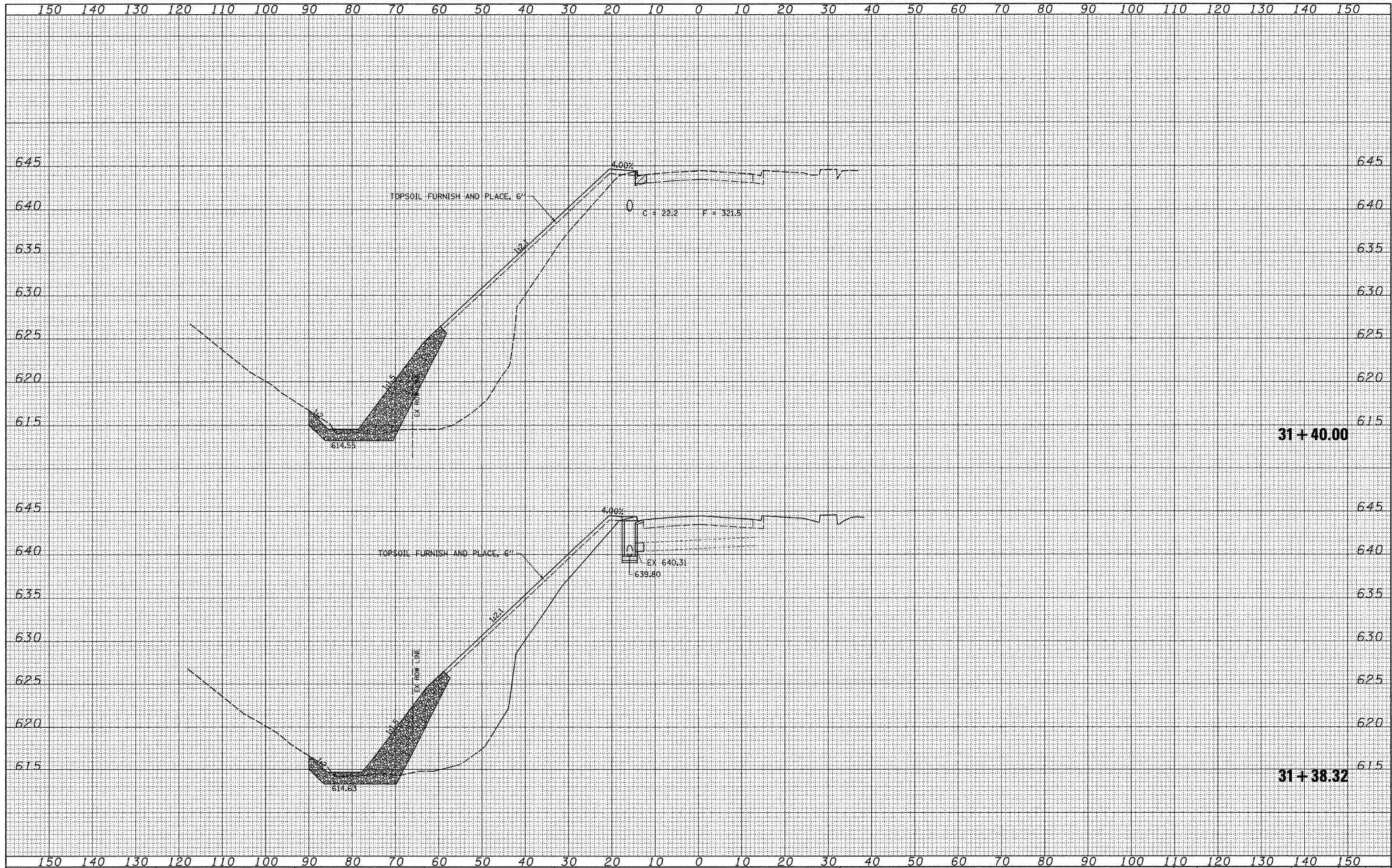
SCALE: 1"=10'    SHEET NO. 9 OF 23 SHEETS    STA. 31+25.00 TO STA. 31+30.00

F.A.P. RTE. 595	SECTION (182M-2)	COUNTY ROCK ISLAND	TOTAL SHEETS 41	SHEET NO. 27
CONTRACT NO. 64E75				ILLINOIS FED. AID PROJECT



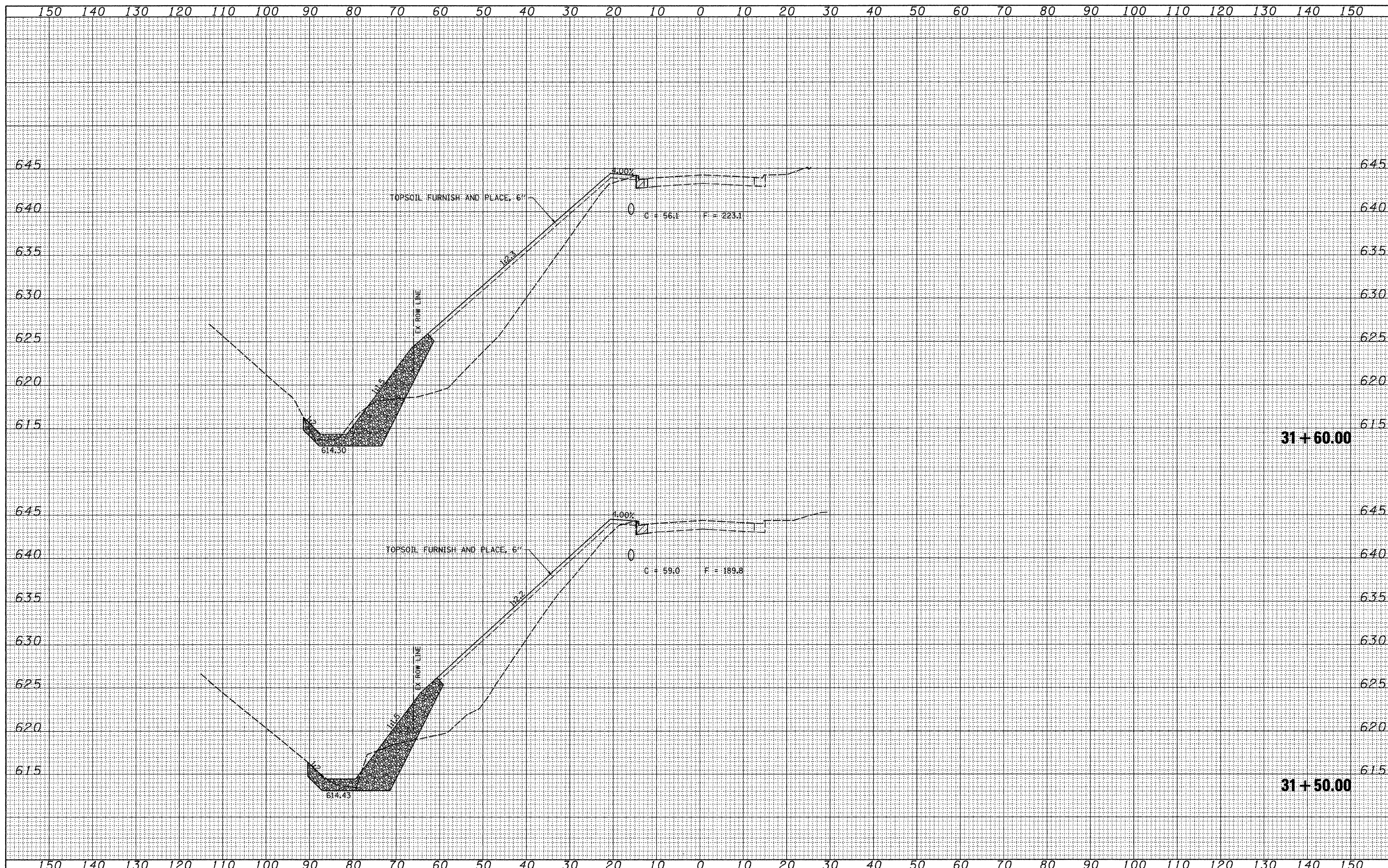
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NOTE BOOK NO.	
PLOTTED TEMPLATE	
AREAS CHECKED	

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ORIGINAL SURVEY	
NOTE BOOK NO.	
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AREAS CHECKED	



FILE NAME = V:\Transportation\2244\2244-28\Z82989X01.dgn	USER NAME = jdean	DESIGNED - AWM	REVISIONS	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 10.0000' / IN.	CHECKED - AWM	DATE - 3/1/2010	REVISIONS						595	(182M-2)	ROCK ISLAND	41	28
PLOT DATE = 3/8/2010	DATE - 3/1/2010	REVISIONS	SCALE: 1"=10'				SHEET NO. 10 OF 23 SHEETS	STA. 31+38.32	TO STA. 31+40.00	ILLINOIS FED. AID PROJECT			
					CONTRACT NO. 64E75								





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FILE NAME = V:\Transportation\2244\2244-20\Z82989XML.dgn

USER NAME = jdean  
 PLOT SCALE = 10.0000' / IN.  
 PLOT DATE = 3/8/2010

DESIGNED - AWM	REVISED -
DRAWN - TJD	REVISED -
CHECKED - AWM	REVISED -
DATE - 3/1/2010	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

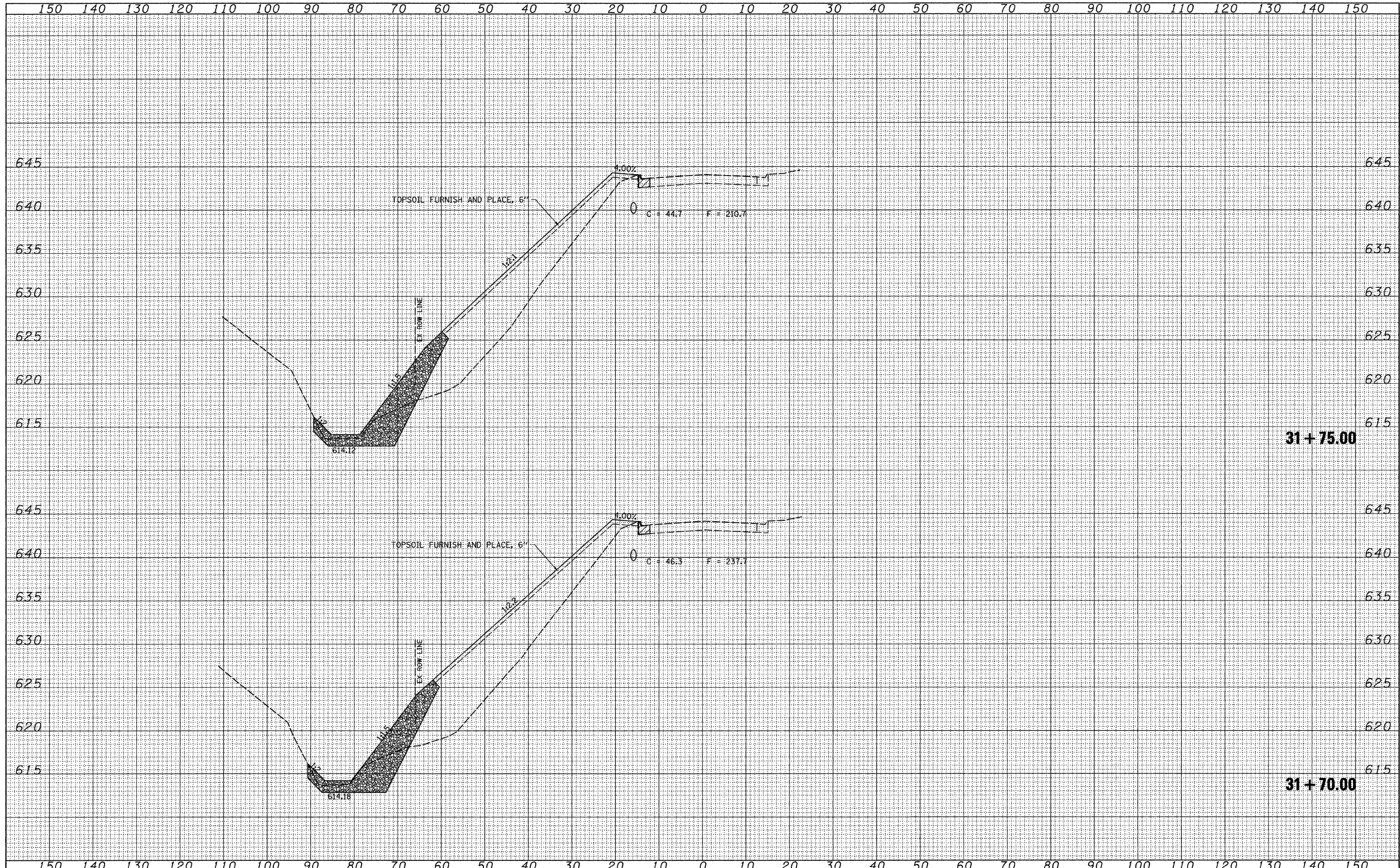
SCALE: 1"=10'    SHEET NO. 11 OF 23 SHEETS    STA. 31+50.00 TO STA. 31+60.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(182)M-2	ROCK ISLAND	41	29
				CONTRACT NO. 64E75
ILLINOIS FED. AID PROJECT				



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FILE NAME = V:\Transportation\2244\2244-20\202989XMI.dgn  
 USER NAME = jdean  
 PLOT SCALE = 10.0000' / IN.  
 PLOT DATE = 3/8/2010

DESIGNED - AWM	REVISED -
DRAWN - TJD	REVISED -
CHECKED - AWM	REVISED -
DATE - 3/1/2010	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

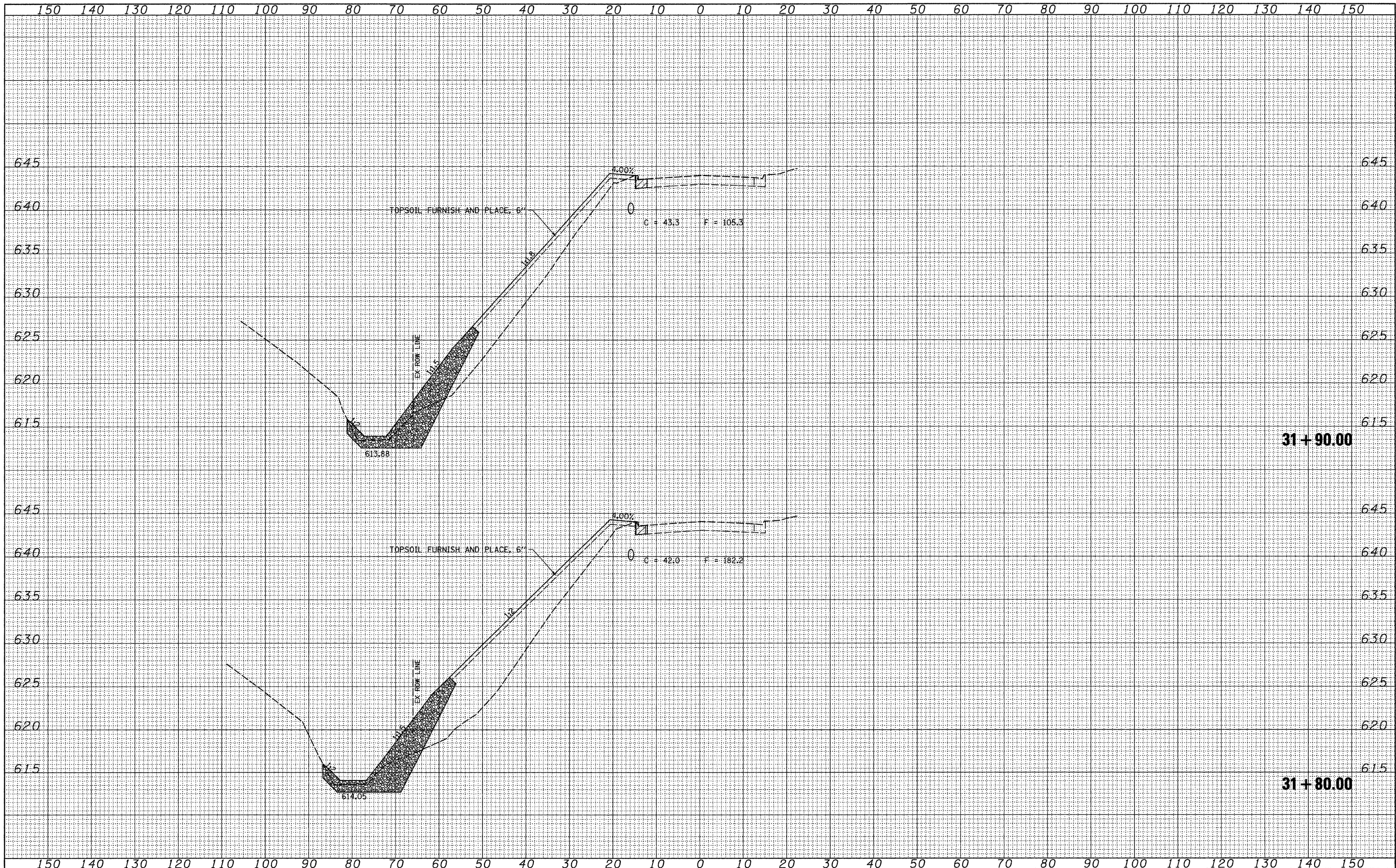
**CROSS SECTIONS**  
 SCALE: 1"=10'    SHEET NO. 12 OF 23 SHEETS    STA. 31+70.00 TO STA. 31+75.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(182M-2	ROCK ISLAND	41	30
CONTRACT NO. 64E75			ILLINOIS FED. AID PROJECT	



DATE	
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ORIGINAL SURVEY	
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AREAS CHECKED	



FILE NAME = V:\Transportation\2244\2244-20\Z82989XMI.dgn

USER NAME = jdean  
 PLOT SCALE = 10.0000' / IN.  
 PLOT DATE = 3/8/2010

DESIGNED - AWM	REVISED -
DRAWN - TJD	REVISED -
CHECKED - AWM	REVISED -
DATE - 3/1/2010	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**

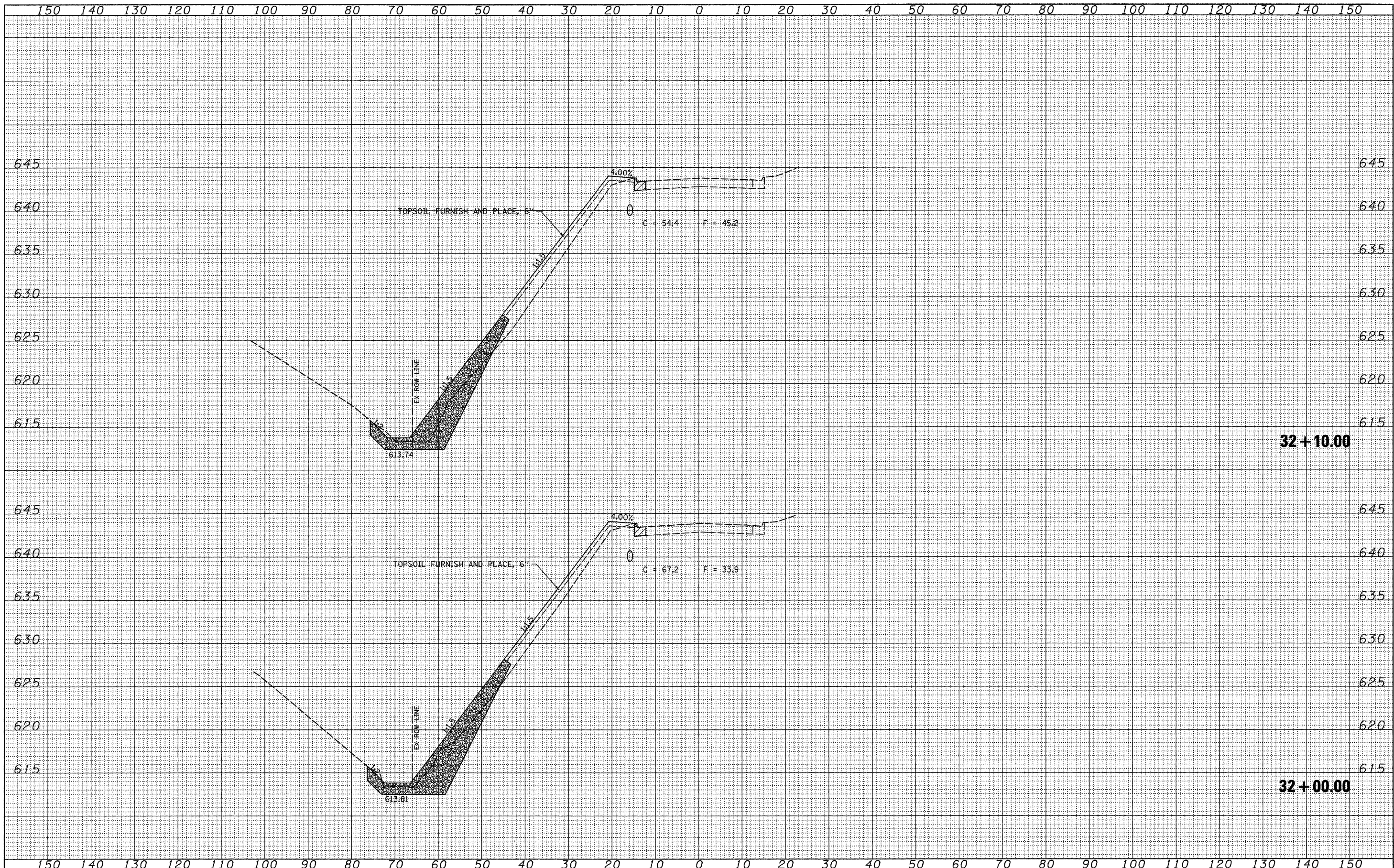
SCALE: 1"=10'    SHEET NO. 13 OF 23 SHEETS    STA. 31+80.00 TO STA. 31+90.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(18ZM-2	ROCK ISLAND	41	31
				CONTRACT NO. 64E75
ILLINOIS FED. AID PROJECT				



DATE	
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FINAL SURVEY	
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FILE NAME = V:\Transportation\2244\2244-28\Z02989XMI.dgn

USER NAME = jdean  
 PLOT SCALE = 10.0000' / IN.  
 PLOT DATE = 3/8/2010

DESIGNED - AWM  
 DRAWN - TJD  
 CHECKED - AWM  
 DATE - 3/1/2010

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

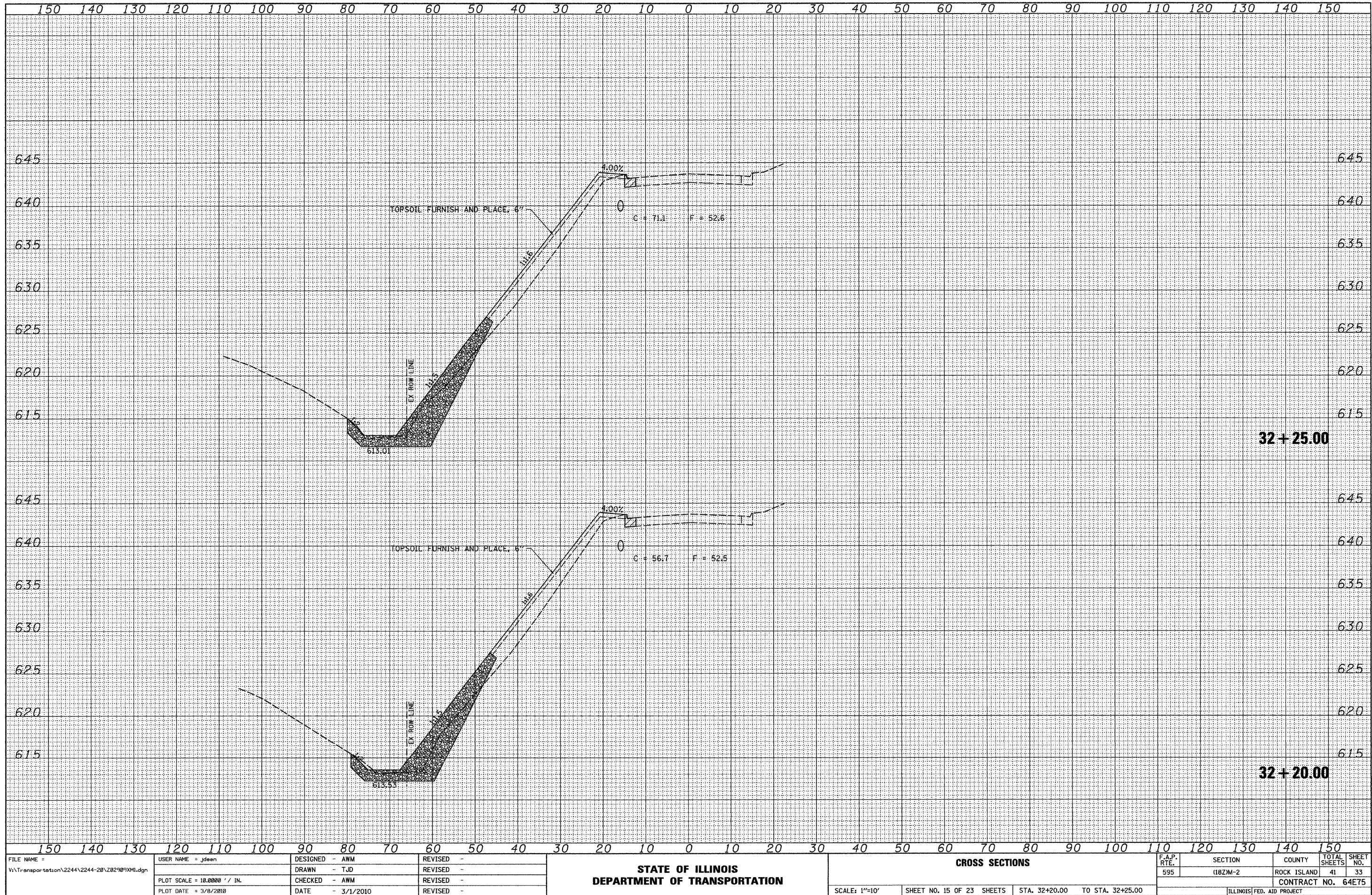
SCALE: 1"=10' SHEET NO. 14 OF 23 SHEETS STA. 32+00.00 TO STA. 32+10.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(18ZIM-2	ROCK ISLAND	41	32
CONTRACT NO. 64E75			ILLINOIS FED. AID PROJECT	



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FINAL SURVEY	
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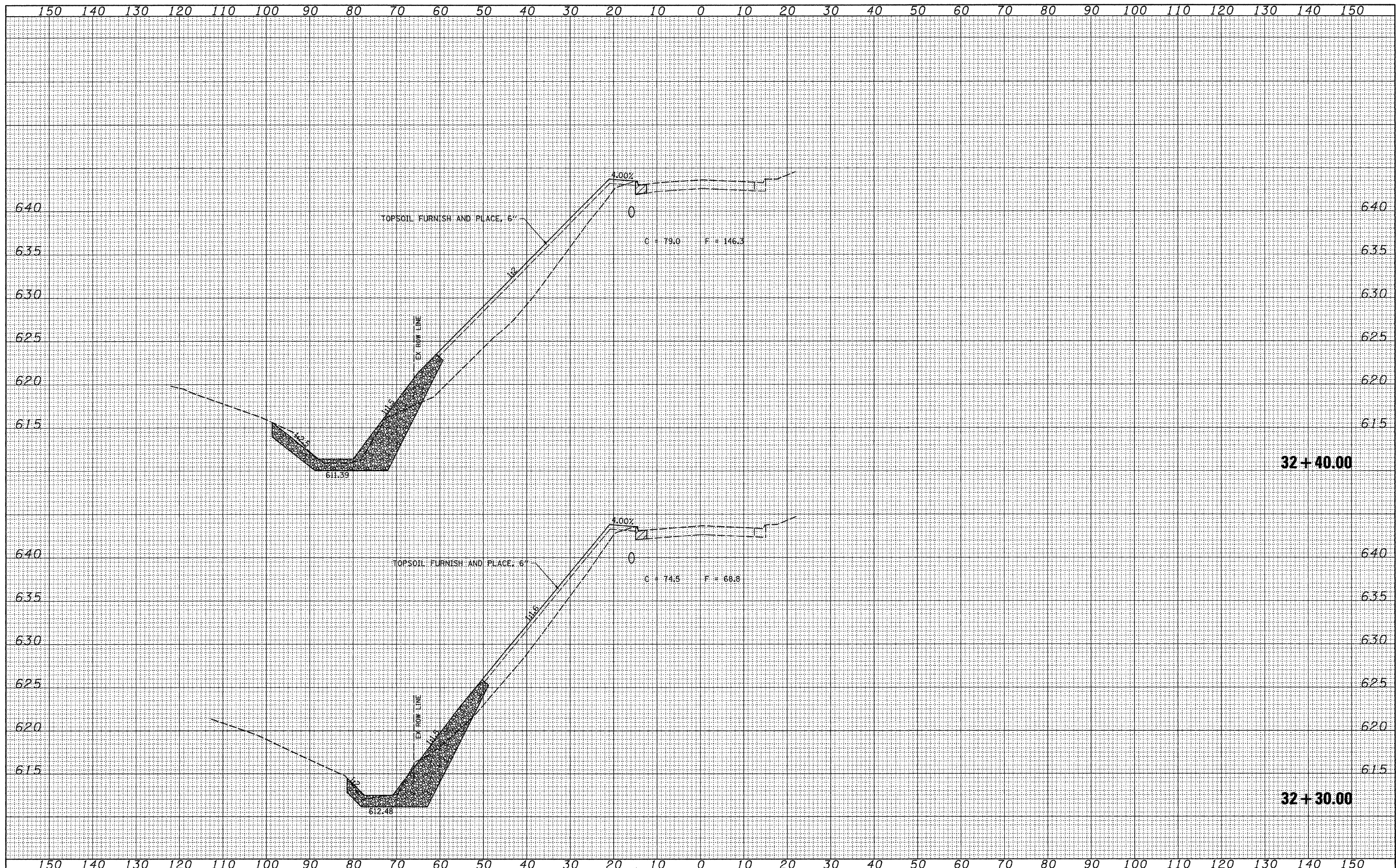


FILE NAME =	USER NAME = jdean	DESIGNED - AWM	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
V:\Transportation\2244\2244-20\202989XMI.dgn		DRAWN - TJD	REVISED -						595	(182M-2)	ROCK ISLAND	41	33	
PLOT SCALE = 10.0000' / IN.		CHECKED - AWM	REVISED -		SCALE: 1"=10'				SHEET NO. 15 OF 23 SHEETS		STA. 32+20.00 TO STA. 32+25.00		CONTRACT NO. 64E75	
PLOT DATE = 3/8/2010		DATE - 3/1/2010	REVISED -		ILLINOIS FED. AID PROJECT									



DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
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FILE NAME = V:\Transportation\2244\2244-28\Z82989XMI.dgn  
 USER NAME = jdeen

DESIGNED - AWM	REVISED -
DRAWN - TJD	REVISED -
CHECKED - AWM	REVISED -
DATE - 3/1/2010	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

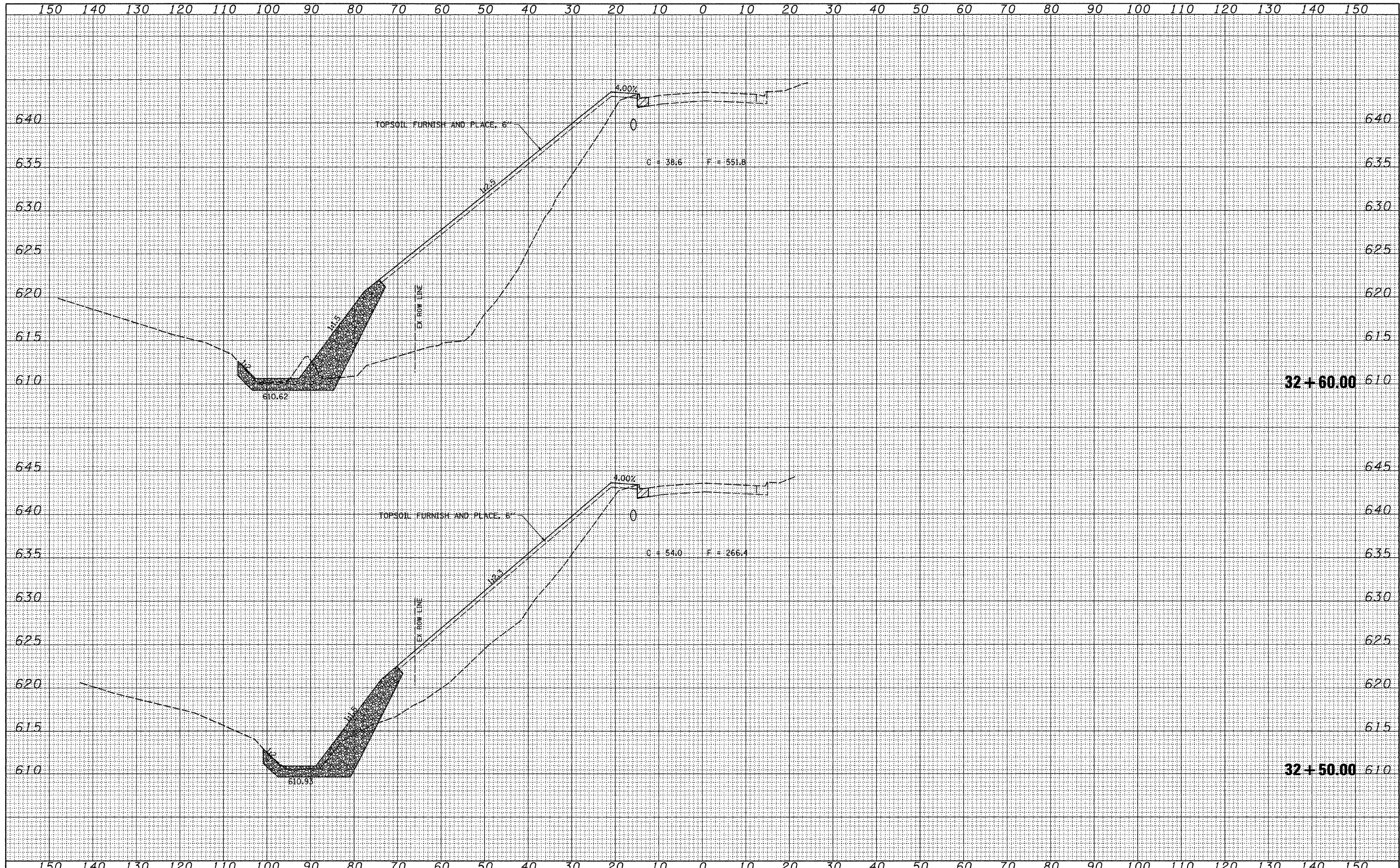
<b>CROSS SECTIONS</b>			
SCALE: 1"=10'	SHEET NO. 16 OF 23 SHEETS	STA. 32+30.00	TO STA. 32+40.00

F.A.P. RTE. 595	SECTION (18ZM-2)	COUNTY ROCK ISLAND	TOTAL SHEETS 41	SHEET NO. 34
				CONTRACT NO. 64E75
ILLINOIS FED. AID PROJECT				



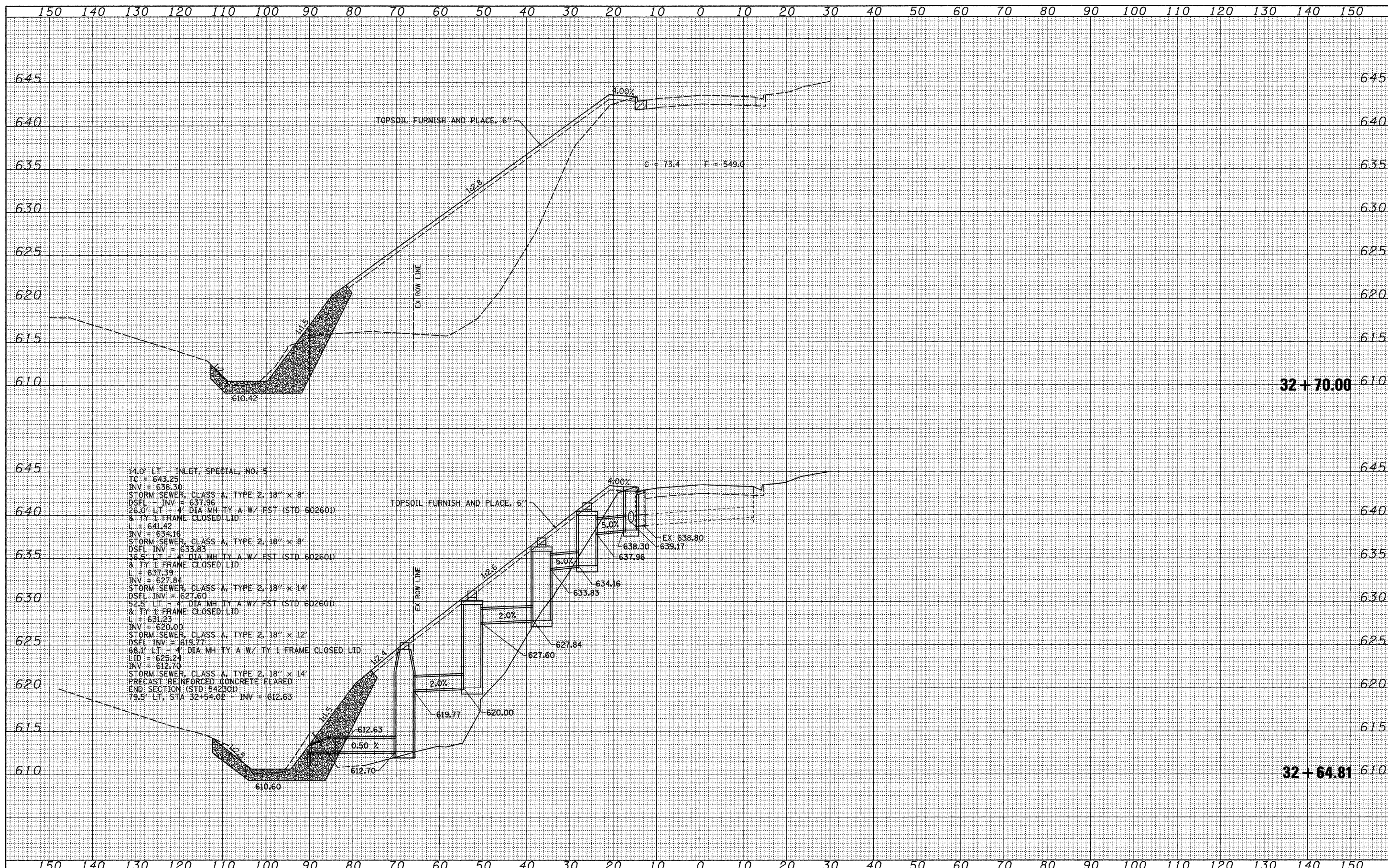
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FINAL SURVEY	
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ORIGINAL SURVEY	
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FILE NAME = W:\Transportation\2244\2244-20\202909XMI.dgn	USER NAME = jdean	DESIGNED - AWM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - TJD	REVISED -		SCALE: 1"=10'	SHEET NO. 17 OF 23 SHEETS	STA. 32+50.00	TO STA. 32+60.00	595	(182M-2)	ROCK ISLAND	41	35
PLOT SCALE = 10.0000' / IN.		CHECKED - AWM	REVISED -		CONTRACT NO. 64E75								
PLOT DATE = 3/9/2010		DATE - 3/1/2010	REVISED -		ILLINOIS FED. AID PROJECT								





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 PLOT SCALE = 10.0000' / IN.  
 PLOT DATE = 3/8/2010

DESIGNED - AWM	REVISED -
DRAWN - TJD	REVISED -
CHECKED - AWM	REVISED -
DATE - 3/1/2010	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS**  
 SCALE: 1"=10'  
 SHEET NO. 18 OF 23 SHEETS  
 STA. 32+64.81 TO STA. 32+70.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(182M-2)	ROCK ISLAND	41	36
CONTRACT NO. 64E75				
ILLINOIS FED. AID PROJECT				

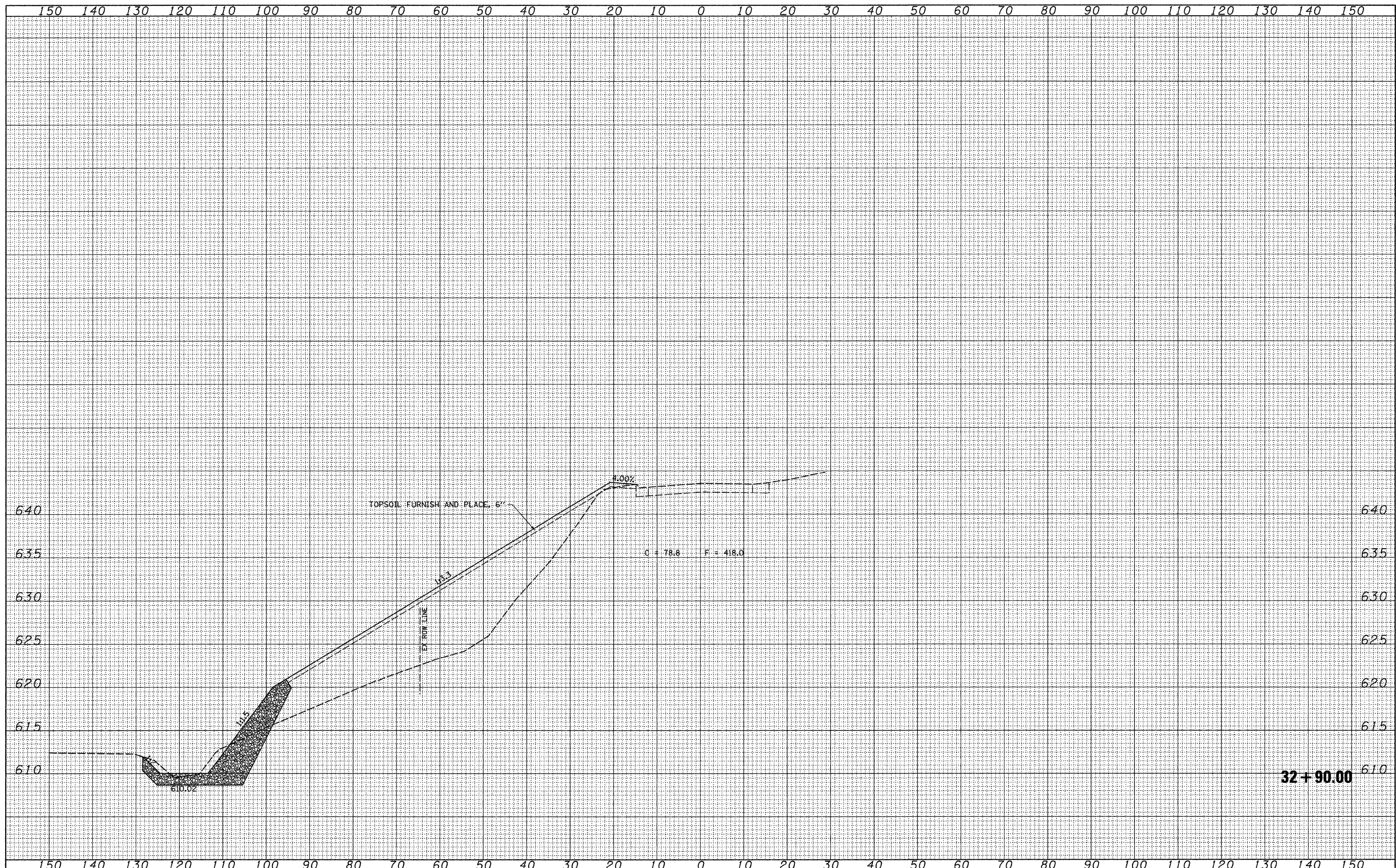






FINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
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ORIGINAL SURVEY	SURVEYED	DATE
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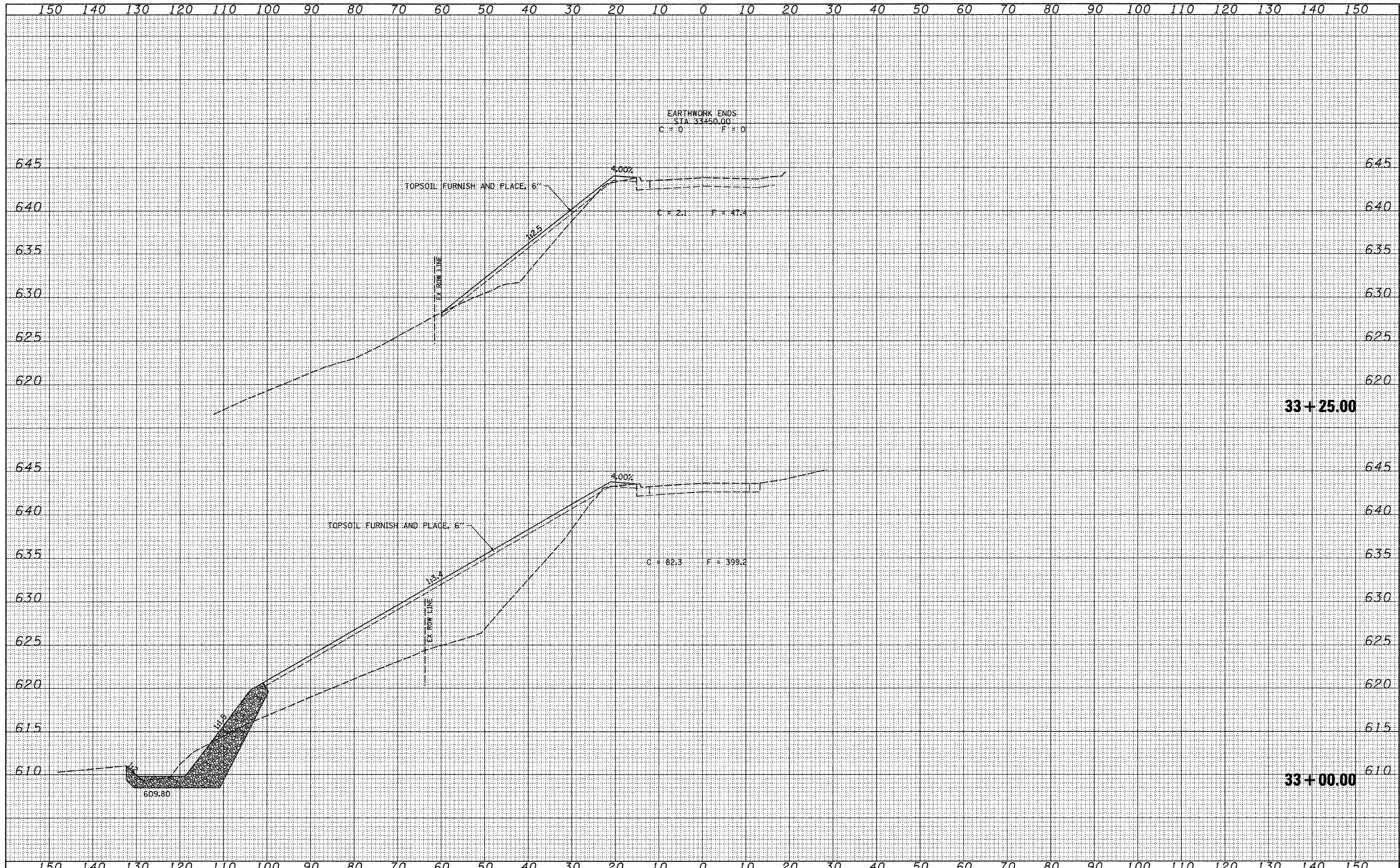


FILE NAME =	USER NAME = jdeen	DESIGNED - AWM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V:\Transportation\2244\2244-28\Z02989XMI.dgn		DRAWN - TJD	REVISED -		SCALE: 1"=10'	SHEET NO. 20 OF 23 SHEETS	STA. 32+90.00 TO STA. 32+90.00	595	(18Z)M-2	ROCK ISLAND	41	38	
		CHECKED - AWM	REVISED -		CONTRACT NO. 64E75								
		DATE - 3/1/2010	REVISED -		ILLINOIS FED. AID PROJECT								



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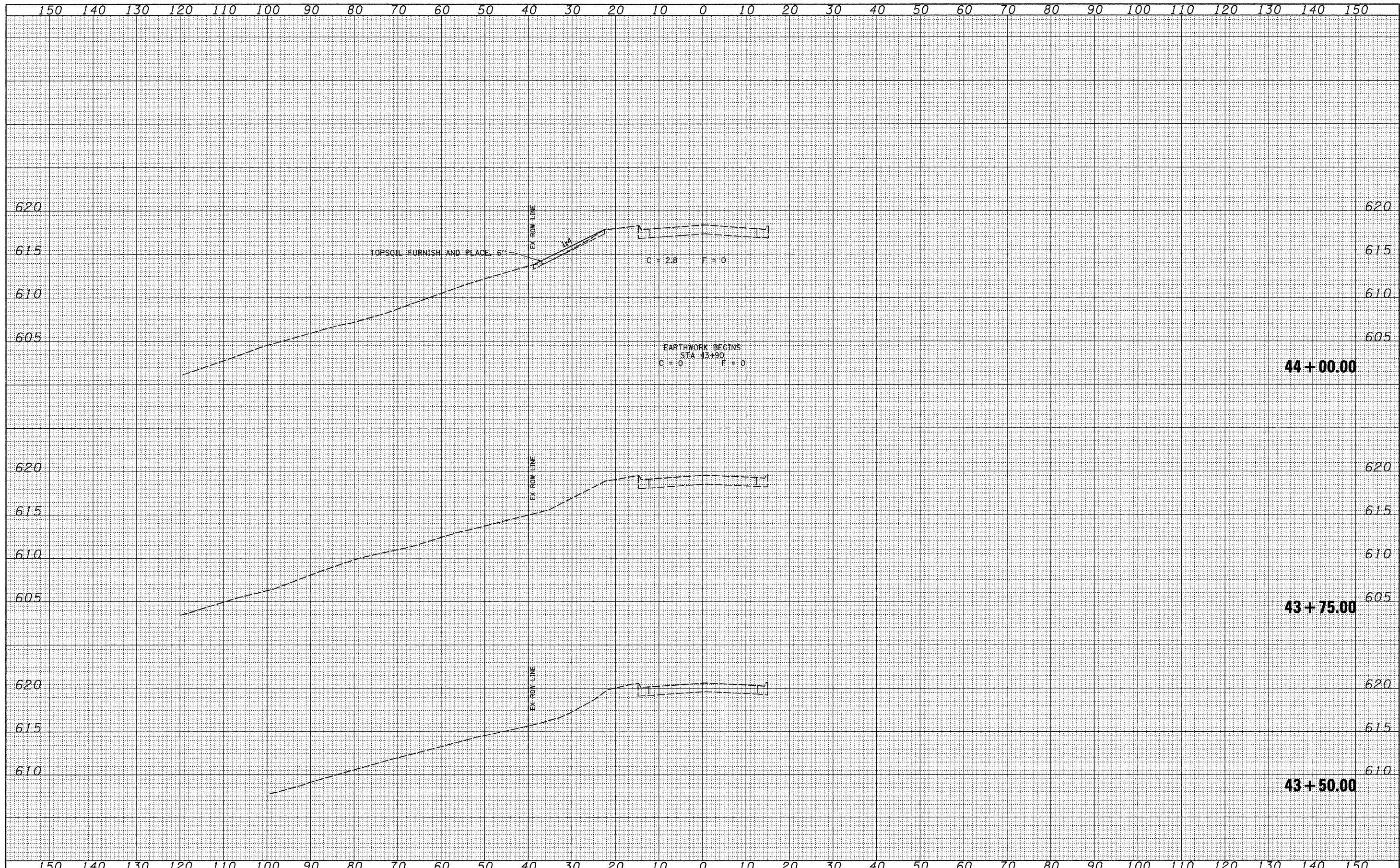


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V:\Transportation\2244\2244-20\202989XMI.dgn		DRAWN - TJD	REVISED -		595	(182M-2)	ROCK ISLAND	41	39				
PLOT SCALE = 10.0000' / IN.		CHECKED - AWM	REVISED -		SCALE: 1"=10'				SHEET NO. 21 OF 23 SHEETS		STA. 33+00.00 TO STA. 33+25.00	CONTRACT NO. 64E75	
PLOT DATE = 3/8/2010		DATE - 3/1/2010	REVISED -		ILLINOIS FED. AID PROJECT								



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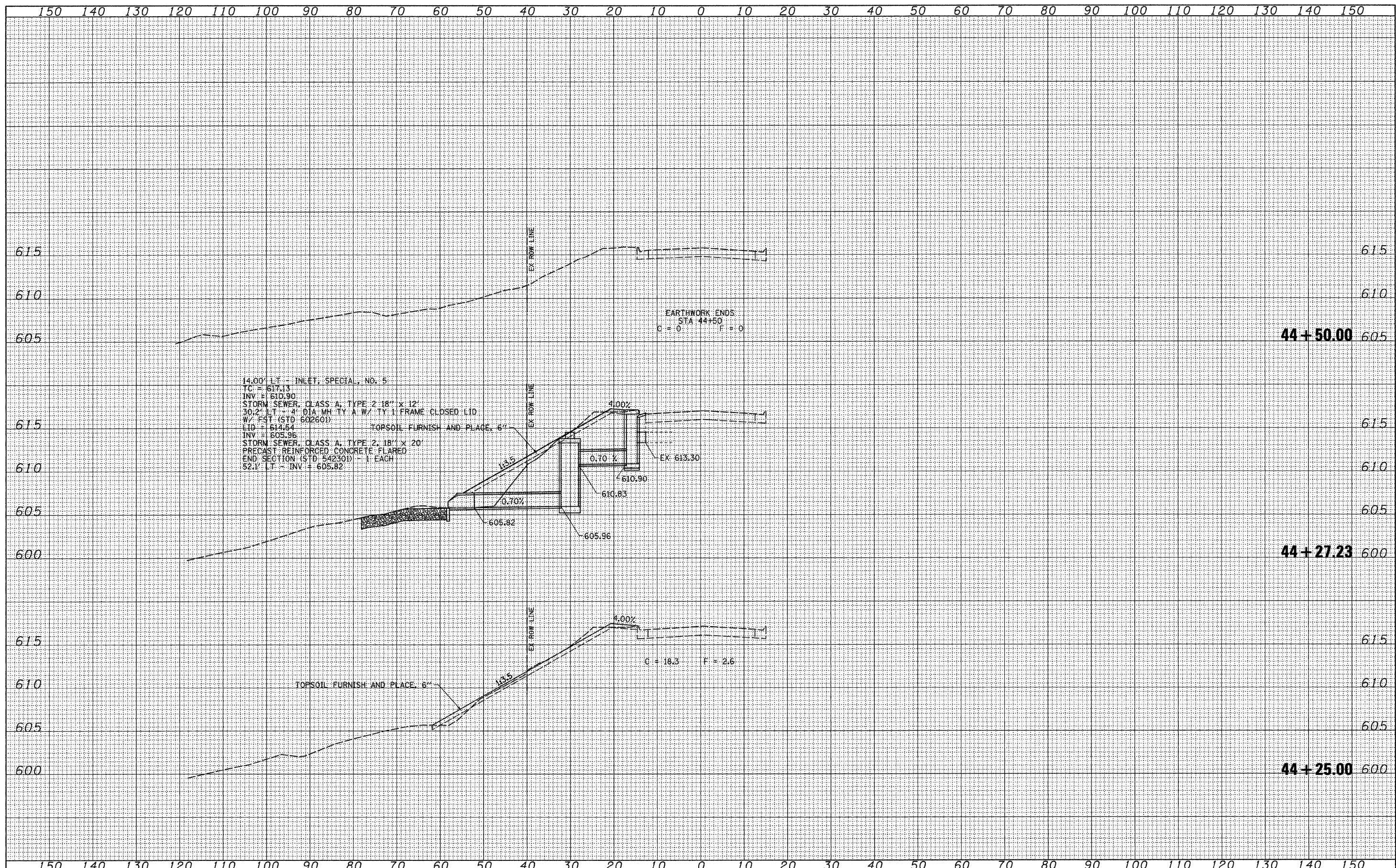


FILE NAME =	USER NAME = jdeen	DESIGNED - AWM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
V:\Transportation\2244\2244-20\Z82989XML.dgn		DRAWN - TJD	REVISED -		595	(182M-2)	ROCK ISLAND	41	40				
PLOT SCALE = 10.0000' / IN.		CHECKED - AWM	REVISED -		SCALE: 1"=10'				SHEET NO. 22 OF 23 SHEETS	STA. 43+50.00 TO STA. 44+00.00	CONTRACT NO. 64E75		
PLOT DATE = 3/8/2010		DATE - 3/1/2010	REVISED -		ILLINOIS FED. AID PROJECT								



DATE	
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NOTE BOOK	
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ORIGINAL SURVEY	
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NOTE BOOK	
AREAS CHECKED	
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14.00' LT - INLET, SPECIAL, NO. 5  
 TC = 617.13  
 INV. = 610.90  
 STORM SEWER, CLASS A, TYPE 2' 18" x 12'  
 30.2' LT - 4' DIA. MH, TY. A. W/ TY. 1 FRAME CLOSED LID  
 W/ FST (STD 602601)  
 LID = 614.64  
 INV. = 605.96  
 STORM SEWER, CLASS A, TYPE 2' 18" x 20'  
 PRECAST REINFORCED CONCRETE FLARED  
 END SECTION (STD 54230B) - 1 EACH  
 52.1' LT - INV. = 605.82

EARTHWORK ENDS  
 STA 44+50  
 C = 0 F = 0

TOPSOIL FURNISH AND PLACE, 6"

FILE NAME =  
 V:\Transportation\2244\2244-20\282989XMI.dgn

USER NAME = jdeen	DESIGNED - AWM	REVISED -
	DRAWN - TJD	REVISED -
PLOT SCALE = 10.0000' / IN.	CHECKED - AWM	REVISED -
PLOT DATE = 3/8/2010	DATE - 3/1/2010	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS			
SCALE: 1"=10'	SHEET NO. 23 OF 23 SHEETS	STA. 44+25.00 TO STA. 44+50.00	

F.A.P. RTE. 595	SECTION (182JM-2)	COUNTY ROCK ISLAND	TOTAL SHEETS 41	SHEET NO. 41
CONTRACT NO. 64E75				
ILLINOIS FED. AID PROJECT				