

CONSULTANT: BRIAN MALONE (630-969-7000)

PROJECT ENGINEER: REBECCA MARRUFFO

DISTRICT 2 BUREAU OF DESIGN  
SQUAD LEADER: CHAD SPREEMAN (815-284-5934)  
SENIOR SQUAD LEADER: MATT FARMER (815-284-5924)

09-20-13 LETTING ITEM 027  
FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2  
FOR LIST OF DISTRICT 2 STANDARDS, SEE SHEET NO. 2

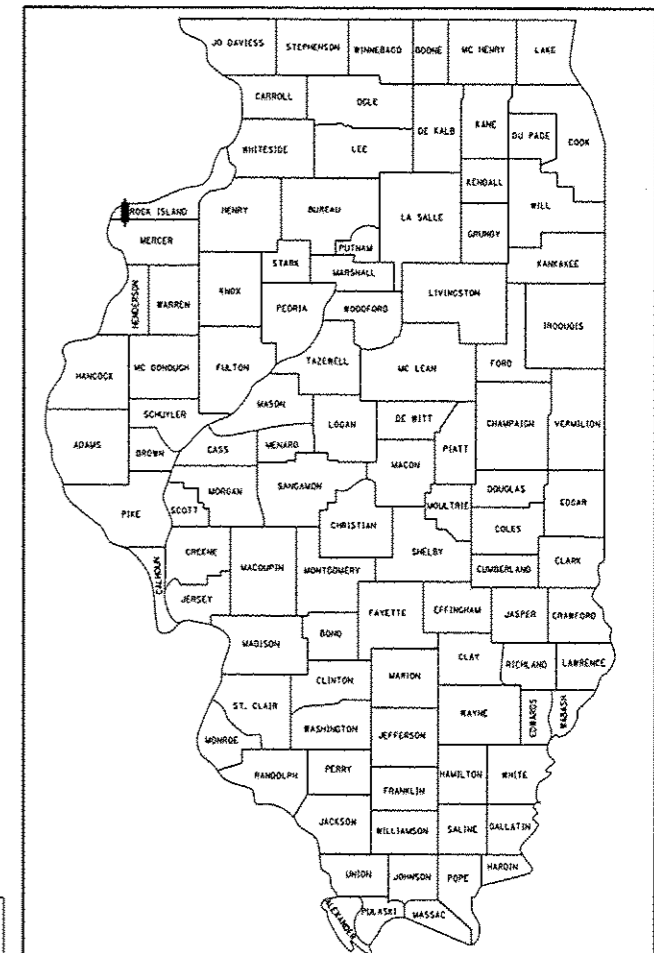
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PROPOSED  
HIGHWAY PLANS**  
F.A.P. ROUTE 599 (IL 92)

BRIDGE REPLACEMENT OF EXISTING OVER  
BIG BRANCH CREEK  
SECTION 103MFT-BR  
PROJECT: ACF-0599 (027)  
ROCK ISLAND COUNTY  
C-92-065-12

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	1

ILLINOIS CONTRACT NO. 64D18  
\* 88 + 2 = 90

D-92-058-07

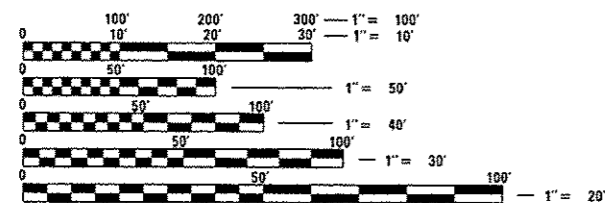


LOCATION OF SECTION INDICATED THUS: - [Symbol]

<p>ROBERT TESSITORE 62-41333 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS EXPIRES: 11-30-2013 WIGHT &amp; COMPANY ROADWAY SHEETS 1-23, 31, 52-53</p>	<p>BRIAN J. MALONE 081-006002 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS EXPIRES: 11-30-2014 WIGHT &amp; COMPANY STRUCTURE SHEETS 32-51</p>	<p>FRED M. LIN 062-096704 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS EXPIRES: 11-30-2013 LIN ENGINEERING ROADWAY SHEETS 24-28, 64-88</p>
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**Wight**  
Wight & Company  
2500 North Frontage Road, Darien, IL 60561  
630.969.7000 630.969.7979 fax  
Design Firm Registration 184-000451

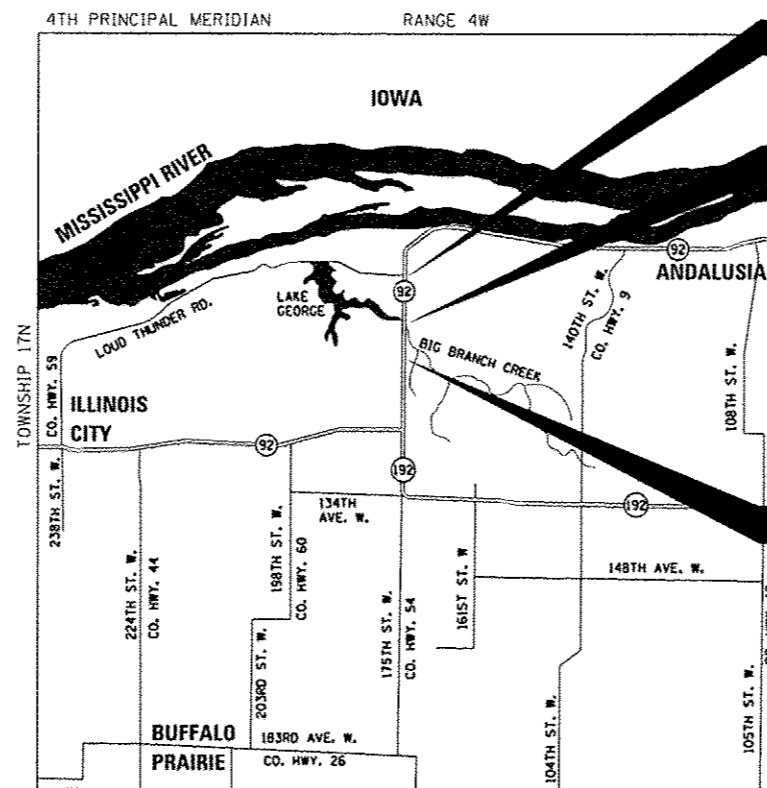
**Lin Engineering, Ltd.**  
Consulting Engineers  
Chatham, Illinois Westmont, Illinois



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

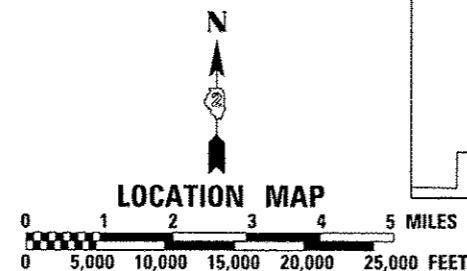
ROCK ISLAND COUNTY  
BUFFALO PRAIRIE TOWNSHIP  
TOWNSHIP 17N, RANGE 4W  
SECTION 35, SW 1/4



PROJECT ENDS  
STA. 740 + 00.0

BRIDGE REPLACEMENT  
EX SN: 081-0072  
PR SN: 081-0196  
STA. 733 + 38.5 TO 734 + 73.5  
EXISTING 32' SINGLE SPAN  
CONCRETE T-BEAM BRIDGE  
PROPOSED 77' SINGLE SPAN PPC  
I-BEAM ON H-PILE ABUTMENTS

PROJECT BEGINS  
STA. 729 + 20.0



GROSS LENGTH = 1080.00 FT. = 0.205 MILE  
NET LENGTH = 945.00 FT. = 0.179 MILE

PROJECT LOCATED ON ILLINOIS 92  
OVER BIG BRANCH CREEK APPROXIMATELY  
1.5 MILES NORTH OF THE ILLINOIS ROUTE 92 /  
ILLINOIS ROUTE 192 INTERSECTION

FUNCTIONAL CLASSIFICATION  
MINOR ARTERIAL (RURAL)  
2030 ADT = 1125  
(PV = 965, SU = 65, MU = 45)  
SPEED LIMIT: 55 MPH (POSTED)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
SUBMITTED JUNE 20 2013  
Paul A. Soeta  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER  
Aug 16 2013  
John D. Baranzelli P.E.  
ENGINEER OF DESIGN AND ENVIRONMENT  
Aug 16 2013  
Omar Osman P.E.  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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**LIST OF HIGHWAY STANDARDS**

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420401-09	BRIDGE APPROACH PAVEMENT CONNECTOR
515001-03	NAME PLATE FOR BRIDGES
542401-01	METAL END SECTION FOR PIPE CULVERTS
542406-01	METAL END SECTIONS FOR PIPE ARCHES
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
630001-10	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-06	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-11	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
666001-01	RIGHT OF WAY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-04	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-03	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701331-04	LANE CLOSURE, 2L, 2W, WITH RUN-AROUND, FOR SPEEDS ≥ 45 MPH
701901-02	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

**COMMITMENTS**

1. A JURISDICTIONAL WETLAND IS LOCATED OUTSIDE OF THE PROJECT LIMITS ABOUT 100' RIGHT OF STA. 729+50. THIS WETLAND WILL NOT BE IMPACTED BY ANY PROJECT CONSTRUCTION ACTIVITIES, INCLUDING EQUIPMENT AND MATERIAL STORAGE OR DRIVING VEHICLES AND EQUIPMENT IN THE WETLAND.
2. THESE WETLAND BOUNDARIES WILL BE SHOWN ON THE CONTRACT PLANS AND MARKED IN THE FIELD WITH SNOW FENCE.

PLAN	DATE
BY	
DESIGNED	
CHECKED	
IN CHARGE	
DATE	
NO.	

PROFILE	DATE
BY	
DESIGNED	
CHECKED	
IN CHARGE	
DATE	
NO.	

FILE NAME: D:\2013\05\03\097.dwg



USER NAME	mmurilo
DESIGNED	KAC
DRAWN	KMB
CHECKED	KAC
DATE	05-03-2013
PLOT SCALE	2.0000' / 1" =
PLOT DATE	5/19/2013

REVISED	
REVISED	
REVISED	
REVISED	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 92 OVER BIG BRANCH CREEK  
INDEX OF SHEETS, LIST OF STANDARDS, AND COMMITMENTS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	2
SCALE:			SHEET NO. 1 OF 1 SHEETS	
STA.			TO STA.	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

CONTRACT NO.	64D18
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# GENERAL NOTES

SEE CROSS SECTIONS FOR SPECIAL DITCHES AND BACKSLOPES.

THE REMOVAL OF BITUMINOUS SURFACING LESS THAN 6 INCH THICKNESS NOT ON A RIGID TYPE BASE REMOVED IN CONJUNCTION WITH THE BASE SHALL BE REMOVED AS EARTH EXCAVATION. THE REMOVAL OF BITUMINOUS SURFACING ON A RIGID TYPE BASE OR A THICKNESS OF 6 INCHES OR MORE ON A FLEXIBLE BASE REMOVED IN CONJUNCTION WITH THE BASE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PAVEMENT REMOVAL OF THE TYPE SPECIFIED.

THE FINAL TOP 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 2,490 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 EARTHMOVING ACTIVITIES, INCLUDING TEMPORARY STOCKPILING OUTSIDE THE LIMITS OF CONSTRUCTION.

THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS WITHIN THE PROJECT LIMITS. SEEDING CLASS 2A SHALL BE USED IN ALL AREAS.

FERTILIZER NUTRIENTS SHALL BE APPLIED AT THE RATE SPECIFIED IN SECTIONS 250 AND 252 OF THE STANDARD SPECIFICATIONS. THIS SHALL BE INCLUDED IN THE COST OF THE SEEDING OR SODDING.

PLACEMENT AND COMPACTION OF THE BACKFILL FOR PROPOSED ACROSS ROAD CULVERTS AND EXISTING ACROSS ROAD CULVERTS THAT ARE REMOVED SHALL CONFORM TO SECTION 502.10 OF THE STANDARD SPECIFICATIONS, EXCEPT THAT THE MATERIAL SHALL CONFORM TO ARTICLE 208.02 OF THE STANDARD SPECIFICATIONS, AND SHALL BE COMPACTED TO A MINIMUM OF 95% OF THE STANDARD LABORATORY DENSITY. ANY MATERIAL CONFORMING TO THE REQUIREMENTS OF ARTICLE 1003.04 OR 1004.05 WHICH HAS BEEN EXCAVATED FROM THE TRENCHES SHALL BE USED FOR BACKFILLING THE TRENCHES. THE ENTIRE EXCAVATION, WITHIN 2 FEET OUTSIDE OF EACH SHOULDER, SHALL BE BACKFILLED WITH TRENCH BACKFILL MATERIAL TO THE BOTTOM OF THE PROPOSED SUBGRADE. IMPERVIOUS MATERIAL SHALL BE USED ON THE OUTER 3 FEET AT EACH END OF THE CULVERT. THIS TRENCH BACKFILL MATERIAL WILL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE CLASS OF CONCRETE INVOLVED OR OTHER UNIT PRICE ITEM OF THE WORK FOR WHICH IT IS REQUIRED.

ALL "AGGREGATE SUBGRADE IMPROVEMENT" (SECTION 303), SHALL BE COMPLETED IN ACCORDANCE WITH ARTICLES 311.04, 311.05, 311.05(A), 311.06 AND 311.07. ALL AGGREGATE SUBGRADE THICKNESSES LESS THAN 12 INCHES SHALL BE CONSTRUCTED OF AGGREGATE OF CA02 GRADATION.

THE EXISTING HOT-MIX ASPHALT ON PRIVATE AND COMMERCIAL ENTRANCES SHALL BE BLADED OFF OR MILLED AND DISPOSED OF OUTSIDE THE PROJECT LIMITS. THIS COULD BE THE ENTIRE ENTRANCE OR TAPERED AT THE END DEPENDING ON IF THE MAINLINE IS RESURFACED OR MILLED AND RESURFACED. THE COST OF THE BLADING, MILLING, ROLLING, AND DISPOSAL IS INCLUDED IN THE CONTRACT UNIT PRICE FOR INCIDENTAL HOT-MIX ASPHALT SURFACING.

THE MIXTURE REQUIREMENTS IN THE TABLE AT THE END OF THE GENERAL NOTES ARE APPLICABLE FOR THIS PROJECT.

THE CONTRACTOR WILL BE REQUIRED TO FURNISH 5 1/2" HIGH BRASS STENCILS AS APPROVED BY THE ENGINEER AND INSTALL STATIONING AT 250' INTERVALS. STATIONING SHALL BE PLACED ON BOTH LANES OF 2-LANE HIGHWAYS AND ON THE OUTSIDE LANES IN BOTH DIRECTIONS ON 4-LANE HIGHWAYS. THE STATIONS SHALL BE PLACED 6" INSIDE THE PAVEMENT MARKING EDGE SO THEY CAN BE READ FROM THE SHOULDER. THIS WORK WILL BE INCLUDED IN THE COST OF THE FINAL PAVEMENT SURFACE.

THE AREA TO BE PRIMED SHALL BE LIMITED TO THAT WHICH CAN BE COVERED WITH HMA ON THE NEXT DAYS PRODUCTIVITY, BUT NO MORE THAN FIVE DAYS IN ADVANCE OF THE PLACEMENT OF THE HMA, UNLESS APPROVED BY THE ENGINEER.

BITUMINOUS AND AGGREGATE PRIME COAT SHALL BE PLACED IN ACCORDANCE WITH SECTION 406 OF THE STANDARD SPECIFICATIONS. THE COST OF THE PRIME COATS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER TON FOR LEVELING BINDER (MACHINE METHOD) OF THE TYPE SPECIFIED.

A NATIONWIDE 404 PERMIT HAS BEEN ISSUED FOR THIS PROJECT AND THE CONDITIONS OF THAT PERMIT MUST BE ADHERED TO.

THE NEW NUMBER FOR THIS BRIDGE STRUCTURE WILL BE 081-0196.

THE THICKNESS FOR THE BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE) ADJACENT TO EXISTING PAVEMENT SHALL BE A MINIMUM OF 12". THE MATERIAL SHALL BE 2" HOT-MIX ASPHALT SURFACE COURSE, AND THE REMAINING THICKNESS SHALL BE HOT-MIX ASPHALT BINDER COURSE.

REFLECTOR MARKERS TYPE B SHALL BE INSTALLED ON THE TOP OF BRIDGE PARAPET WALLS. THE MARKERS SHALL BE ACCORDING TO STANDARD 635011 AND THE COLOR AND SPACING ACCORDING TO STANDARD 635006, EXCEPT THE MINIMUM IS 2 PER SIDE.

CULVERT & BRIDGE FLOWS MUST BE MAINTAINED THROUGHOUT THE PROJECT. NORMAL FLOW SHALL BE ALLOWED TO PASS AT THE RATE IT ENTERS THE JOBSITE. HIGH FLOWS SHALL BE ALLOWED TO PASS WITHOUT CAUSING DAMAGE TO UPSTREAM PROPERTIES.

THE PROPOSED PIPES FOR ENTRANCES AND SIDE ROADS SHALL BE PLACED IN LINE WITH THE EXISTING OR PROPOSED DITCH LINE.

CONNECTING BANDS FOR CORRUGATED METAL PIPES SHALL BE METAL AND SHALL BE COATED WITH THE SAME MATERIAL AS THE PIPE SECTIONS. THE CONNECTING BANDS SHALL BE A MINIMUM OF 18" WIDE.

ALL FRAMES AND GRATES OF DRAINAGE STRUCTURES TO BE REMOVED OR FILLED SHALL BE CAREFULLY SALVAGED AND SHALL REMAIN THE PROPERTY OF ILLINOIS DEPARTMENT OF TRANSPORTATION.

THE EXCAVATED MATERIALS FROM EARTH EXCAVATION WIDENING, GRADING AND SHAPING DITCHES, AND EXCAVATING AND GRADING SHOULDERS SHALL BE USED TO BUILD UP THE SHOULDER THROUGHOUT THE JOB TO CONFORM WITH THE TYPICAL SECTIONS AND SHOULDER WIDENING FOR TERMINALS AS SHOWN ON THE PLANS.

FILE NAME = 64D18.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES			ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN -	REVISED -					FAP 599	103MFT-BR	ROCK ISLAND	88	3
	PLOT DATE = 6/20/2013 8:27 AM	CHECKED -	REVISED -		(IL 92)	CONTRACT NO. 64D18						
	DATE = 6/19/2013 9:51 AM	DATE -	REVISED -		SCALE:	SHEET NO. 1 OF 3	STA.	TO STA.	ILLINOIS	FED. AID PROJECT		

# GENERAL NOTES

EMBANKMENT QUANTITIES FOR THE CONSTRUCTION OF THE TRAFFIC BARRIER TERMINALS AS SHOWN IN THE PLANS ARE INCLUDED IN QUANTITIES FOR FURNISHED EXCAVATION.

THE CONTRACTOR SHALL SUPPLY THE RESIDENT ENGINEER WITH THE MANUFACTURER'S INSTALLATION REQUIREMENTS FOR THE TYPE OF STEEL PLATE BEAM GUARDRAIL TERMINAL TYPE 1 SPECIAL (TANGENT) OR STEEL PLATE BEAM GUARDRAIL TERMINAL TYPE I SPECIAL (FLARED).

ONE 16D GALVANIZED NAIL SHALL BE USED TO TOE NAIL THE WOOD BLOCK OUT TO THE WOOD POST ON ALL TRAFFIC BARRIER TERMINAL TYPE I SPECIALS.

DELINEATORS SHALL BE INSTALLED AS SHOWN IN STANDARD 635001, EXCEPT THAT THE POST SHALL BE ROTATED 180 AND ONLY METAL-BACKED DELINEATORS SHALL BE PERMITTED. DELINEATORS SHALL BE PLACED AT THE ENDS OF APPROACH GUARDRAIL TERMINAL SECTIONS, AND AT EACH HEADWALL OR END SECTION OF AR CULVERTS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR DELINEATORS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COLLECTING AND MAINTAINING AN ELECTRONIC LOG OF ALL STAKEOUT SURVEY THAT IS PERFORMED ON THE JOB, EITHER BY HIM/HER OR ANY SUB-CONTRACTOR PERFORMING THE STAKEOUT. UPON REQUEST, ALL LOGS SHALL BE SUBMITTED TO THE DEPARTMENT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THIS WORK, BUT SHALL BE CONSIDERED INCLUDED IN THE COST FOR CONSTRUCTION LAYOUT.

PAVEMENT MARKING SHALL BE DONE ACCORDING TO STANDARD 780001, EXCEPT AS FOLLOWS:

1. ALL WORDS, SUCH AS ONLY, SHALL BE 8 FEET HIGH.
2. ALL NON-FREEWAY ARROWS SHALL BE THE LARGE SIZE.
3. THE DISTANCE BETWEEN YELLOW NO-PASSING LINES SHALL BE 8 INCHES, NOT 7 INCHES, AS SHOWN IN THE DETAIL OF TYPICAL LANE AND EDGE LINES.
4. CENTERLINE SKIP DASH PAVEMENT MARKING ON MULTI-LANE DIVIDED, MULTI-LANE UNDIVIDED, AND ONE-WAY ROADWAY SHALL BE ACCORDING TO DISTRICT STANDARD 41.1.

PERMANENT SURVEY MARKERS, TYPE II, SHALL BE SET AT INTERVALS OF 1 MILE OR AS DIRECTED BY THE ENGINEER. BRIDGE OR CULVERT PROJECTS SHALL HAVE ONE SURVEY MARKER PLACED NEAR THE STRUCTURE. ESTIMATED: 1 EACH.

PERMANENT SURVEY MARKERS, TYPE II SHALL BE CAST-IN-PLACE AS SHOWN ON DISTRICT STANDARD 66.2. OPTION 2 WOULD BE TO INSTALL A VAULTED STYLE MONUMENT AS DESCRIBED BY NGS AS A 3D MONUMENT (TOP SECURITY SLEEVE ROD MONUMENT), WITH INSTALLATION INSTRUCTIONS PROVIDED BY THE DISTRICT CHIEF OF SURVEYS. IF POURED IN PLACE, THE BOTTOM OF THE MARKER SHALL BE 5'-0" BELOW THE GROUND SURFACE.

THE PERMANENT SURVEY MARKERS, IF POSSIBLE, SHALL BE INSTALLED AT THE BEGINNING OF THE JOB AND PROTECTED THROUGHOUT.

THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A DESCRIPTION OF LOCATION, ELEVATION, AND COORDINATES FOR EACH PERMANENT SURVEY MARKER. THE HORIZONTAL COORDINATES MUST BE DERIVED BY GPS AND THE ELEVATION DERIVED USING AN ELECTRONIC LEVEL. THE META DATA, SUCH AS THE GEOID USED, (NGS ADJUSTMENT IE: 97 HARN, 03, 07), AND THE BASE POINT(S) NAME OR NUMBER SHALL BE SUBMITTED ALONG WITH A COMPLETE COLLECTION LOG. IF COLLECTED USING RTK METHOD, IT WILL REQUIRE EITHER 3 COLLECTIONS (AVERAGED) FROM 2 DIFFERENT BASES, OR A MINIMUM OF 3 COLLECTIONS (AVERAGED), AT LEAST 2 HOURS APART, FROM THE SAME BASE. IF USING A CORS TYPE NETWORK, THE COLLECTION PROCEDURE SHALL INCLUDE LOCALIZING WITH CHECK SHOTS ON AT LEAST 2 DIFFERENT HARN MONUMENTS BOTH BEFORE AND AFTER COLLECTION. THE LEVEL CIRCUIT SHALL BE RUN FROM FURNISHED MARK TO FURNISHED MARK AND THEN ADJUSTED. THE ERROR OF CLOSURE SHALL BE SUBMITTED WITH THE ELECTRONIC LEVEL NOTES IN A RECOGNIZED FORMAT APPROVED BY THE ENGINEER AND/OR THE CHIEF OF SURVEYS. THE ENGINEER SHALL SUBMIT THIS INFORMATION TO THE DISTRICT CHIEF OF SURVEYS.

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 CHIPS PLACED ON WEED BARRIER FABRIC. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TREE.

ALL GUTTER OUTLETS SHALL BE EXTENDED TO DITCH FLOW AS DIRECTED BY THE ENGINEER.

RIGHT-OF-WAY MARKERS WILL BE ERECTED PER HIGHWAY STANDARD 666001 WITH THE BACK FACE OF THE MARKER ON THE RIGHT-OF-WAY LINE, UNLESS THE NEW RIGHT-OF-WAY LINE HAS BEEN SURVEYED AND PINNED, IN WHICH INSTANCE THE RIGHT-OF-WAY MARKERS WILL BE ERECTED 12 INCHES INSIDE THE NEW RIGHT-OF-WAY LINE. THE METHOD OF INSTALLATION SHALL BE APPROVED BY THE ENGINEER.

WORK ON THIS PROJECT WILL BE IN PROGRESS AT THE SAME TIME AS WORK ON CONTRACT 64H11 - PAVEMENT WIDENING AND SHOULDER RECONSTRUCTION ON IL ROUTE 92 FROM 0.4 MILE NORTH OF BRIGHTS COURT TO 115TH STREET IN ANDALUSIA. WORK ON THESE PROJECTS SHALL BE SCHEDULED TO KEEP INTERFERENCE BETWEEN ALL THE PROJECTS TO A MINIMUM. THE CONTRACTORS SHALL INFORM EACH OTHER OF PROGRESS OF THE PROJECTS AND GIVE FAIR WARNING TO THE OTHER CONTRACTORS WHEN A PROBLEM MIGHT BE ENCOUNTERED.

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 JULIE NUMBER IS 800-892-0123. THE FOLLOWING LISTED UTILITIES LOCATED WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS ARE MEMBERS OF JULIE:

UTILITY	COMPANY NAME	CONTACT	PHONE NUMBER
TELEPHONE	AT&T	MR. DAVID CREEN	(309) 757-4707
ELECTRIC	MIDAMERICAN ENERGY COMPANY	MR. JASON TERRY	(309) 793-3649
GAS	MIDAMERICAN ENERGY COMPANY	MR. ROD HAWK	(309) 793-3760

IDOT IS NOT A MEMBER OF JULIE. IF YOU ARE NEAR ANY OVERHEAD LIGHTING, INTERSECTION LIGHTING OR TRAFFIC SIGNALS, CONTACT THE IDOT TRAFFIC OFFICE AT 815/284-5469 AT LEAST 48 HOURS PRIOR TO WORK.

FILE NAME = 64D18.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES				ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN -	REVISED -						FAP 599	103MFT-BR	ROCK ISLAND	88	3a
	PLOT DATE = 6/20/2013 8:27 AM	CHECKED -	REVISED -		(IL 92)	CONTRACT NO. 64D18							
	DATE = 6/19/2013 9:51 AM	REVISIONS	REVISED -		SCALE:	SHEET NO. 2 OF 3	STA.	TO STA.	ILLINOIS	FED. AID PROJECT			

# GENERAL NOTES

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.

THE COST OF DELINEATOR REMOVAL SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

THE COST OF GUTTER OUTLET REMOVAL SHALL BE PAID FOR AS GUTTER REMOVAL PER LINEAR FOOT.

THE CONTRACTOR SHALL INSTALL "DO NOT MOW" SIGNS AND POSTS IN AREAS WITHIN THE PROJECT THAT HAVE FRONT AND/OR BACK SLOPES STEEPER THAN 1:2.5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PICKING THE SIGNS UP FROM THE DIXON SIGN SHOP AND SHALL CONTACT THE SIGN SHOP AT (815) 284-5472 ONE WEEK IN ADVANCE OF THE PICKUP DATE. THE CONTRACTOR SHALL SUPPLY ALL NECESSARY HARDWARE FOR MOUNTING OF THE "DO NOT MOW" SIGNS. TWO BOLTS SHALL BE REQUIRED PER SIGN TO SECURING TO THE POST, PER THE HIGHWAY STANDARDS. THE DELINEATOR POSTS AND HARDWARE SHALL BE IN ACCORDANCE WITH ART. 1006.29 OF THE STANDARD SPECIFICATIONS. THE DELINEATOR POSTS SHALL BE DRIVEN TO A HEIGHT OF 3 1/2 FEET ABOVE THE GROUND AT LOCATIONS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THIS WORK, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR DELINEATORS.

THE COST OF REMOVING THE EXISTING 8" DIAMETER PVC TILE AT THE APPROXIMATE STATION 733+93 (LEFT), SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR PIPE DRAINS 10".

## HMA MIXTURE REQUIREMENTS

MIXTURE USES(S):	IL 92 OVER BIG BRANCH CREEK				IL 92 AT 140TH ST.		
	RESURFACING			SHOULDERS		FULL DEPTH	
	SURFACE (TOP 1.5")	LEVEL BINDER (TOP 1.5" LIFT)	LEVEL BINDER (REMAINING 6" & VAR. DEPTH BOTTOM LIFTS)	TOP LIFT (1.5")	LOWER LIFTS (6.5")	SURFACE (1.5")	BINDER (7")
PG.	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0 @ N50	4.0 @ N50	4.0 @ N50	3 @ N50	2 @ N50	4.0 @ N50	4.0 @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5 OR 9.5FG	IL 19.0	IL 9.5 OR 9.5FG	BAM OR IL 19.0	IL 9.5	IL 19.0
FRICITION AGGREGATE	C		N/A	C	N/A	C	N/A
20 YEAR ESAL	0.3	0.3	0.3	N/A	N/A	0.3	0.3
MIX UNIT WEIGHT	112 LB/SY/IN	N/A		112 LB/SY/IN		112 LB/SY/IN	

ON PROJECTS WITH LESS THAN 2000 TONS LEVEL BINDER, GROWTH CURVE WILL BE USED FOR DENSITY, AND IL 9.5 MAY BE USED.

FILE NAME = 64D18.GH.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN -	REVISED -			FAP 599	103MFT-BR	ROCK ISLAND	68	3b
	PLOT DATE = 6/20/2013 8:27 AM	CHECKED -	REVISED -			(IL 92)				
	DATE = 6/19/2013 8:51 AM	REVISED -	REVISED -			SCALE:      SHEET NO. 3 OF 3      STA.      TO STA.		ILLINOIS	CONTRACT NO. 64D18	

**SUMMARY OF QUANTITIES**

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONST. CODE		
				100% STATE ROADWAY 0004	80% FEDERAL 20% STATE ROADWAY 0004	80% FEDERAL 20% STATE BRIDGE 0011
				RURAL	RURAL	RURAL
				STRUCTURE NO. 081-0196		
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	548		548	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	287		287	
20101000	TEMPORARY FENCE	FOOT	108		108	
20200100	EARTH EXCAVATION	CU YD	2,360		2,360	
20300100	CHANNEL EXCAVATION	CU YD	2,390			2,390
20400800	FURNISHED EXCAVATION	CU YD	2,490		2,490	
Δ 25000210	SEEDING, CLASS 2A	ACRE	1.50		1.50	
Δ 25000750	MOWING	ACRE	1.25	1.25		
Δ 25100125	MULCH, METHOD 3	ACRE	1.25		1.25	
Δ 25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	506		506	
Δ 25100900	TURF REINFORCEMENT MAT	SQ YD	142		142	
Δ 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	545		545	
28000400	PERIMETER EROSION BARRIER	FOOT	2,241		2,241	
28000500	INLET AND PIPE PROTECTION	EACH	2		2	

Δ INDICATES SPECIALTY ITEM.

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FILE NAME = D205327.dwg, 10/10/13, 8:15pm



USER NAME = mazurlo	DESIGNED KAC	REVISED
PLOT SCALE = 2.0000' / 1"	DRAWN KMB	REVISED
PLOT DATE = 6/19/2013	CHECKED KAC	REVISED
	DATE 05-03-2013	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 92 OVER BIG BRANCH CREEK  
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE. 599	SECTION 103MFT-BR	COUNTY ROCK ISLAND	TOTAL SHEETS 88	SHEET NO. 4
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 64D18				

**SUMMARY OF QUANTITIES**

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CONST. CODE	CONST. CODE	CONST. CODE
100% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
ROADWAY	ROADWAY	BRIDGE
0004	0004	0011

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	RURAL	RURAL	STRUCTURE NO. 081-0196 RURAL
28100107	STONE RIPRAP, CLASS A4	SQ YD	375		375	
28100109	STONE RIPRAP, CLASS A5	SQ YD	1,120			1,120
28200200	FILTER FABRIC	SQ YD	1,495		375	1,120
30300011	AGGREGATE SUBGRADE IMPROVEMENT	TON	444		444	
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	2,228		2,228	
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	333		333	
35102400	AGGREGATE BASE COURSE, TYPE B 12"	SQ YD	360		360	
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	2,892		2,892	
40600895	CONSTRUCTING TEST STRIP	EACH	1		1	
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	319		319	
40701851	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8 1/2"	SQ YD	794		794	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	109		109	
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ YD	50		50	
44000100	PAVEMENT REMOVAL	SQ YD	129		129	

Δ INDICATES SPECIALTY ITEM.

FILE NAME = 0205897\_sht.ecc.02.dgn



USER NAME = mzmurlo	DESIGNED KAC	REVISED
PLOT SCALE = 2.0000' / 1" = 1/8"	DRAWN KMB	REVISED
PLOT DATE = 6/19/2013	CHECKED KAC	REVISED
	DATE 05-03-2013	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 92 OVER BIG BRANCH CREEK  
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE. 599	SECTION 103MFT-BR	COUNTY ROCK ISLAND	TOTAL SHEETS 88	SHEET NO. 5
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 64018	

**SUMMARY OF QUANTITIES**

PLAN  
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CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONST. CODE		
				100% STATE ROADWAY 0004	80% FEDERAL 20% STATE ROADWAY 0004	80% FEDERAL 20% STATE BRIDGE 0011
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	249		249	
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	370		370	
44000400	GUTTER REMOVAL	FOOT	360		360	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	954		954	
44004000	PAVED DITCH REMOVAL	FOOT	168		168	
44004250	PAVED SHOULDER REMOVAL	SQ YD	1,331		1,331	
48203023	HOT-MIX ASPHALT SHOULDERS, 6 1/2"	SQ YD	1,311		1,311	
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1			1
50105220	PIPE CULVERT REMOVAL	FOOT	41		41	
50200100	STRUCTURE EXCAVATION	CU YD	184			184
50300225	CONCRETE STRUCTURES	CU YD	102.2			102.2
50300255	CONCRETE SUPERSTRUCTURE	CU YD	199.3			199.3
50300260	BRIDGE DECK GROOVING	SQ YD	464			464
50300300	PROTECTIVE COAT	SQ YD	576			576
50401005	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE I-BEAMS, 48 IN.	FOOT	446			446

Δ INDICATES SPECIALTY ITEM.



USER NAME * mzmurlo	DESIGNED KAC	REVISED
PLOT SCALE * 2.0000' / 1"	DRAWN KMB	REVISED
PLOT DATE * 6/19/2013	CHECKED KAC	REVISED
	DATE 05-03-2013	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 92 OVER BIG BRANCH CREEK  
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. 3 OF 7 SHEETS STA. TO STA.

F.A.P. RTE. 599	SECTION 103MFT-BR	COUNTY ROCK ISLAND	TOTAL SHEETS 88	SHEET NO. 6
CONTRACT NO. 64D18			ILLINOIS FED. AID PROJECT	

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**SUMMARY OF QUANTITIES**

PLAN  
 SUBMITTED BY \_\_\_\_\_ DATE \_\_\_\_\_  
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 NOTE BOOK NO. \_\_\_\_\_  
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CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONST. CODE		
				100% STATE ROADWAY 0004	80% FEDERAL 20% STATE ROADWAY 0004	80% FEDERAL 20% STATE BRIDGE 0011
				RURAL	RURAL	RURAL
				STRUCTURE NO. 081-0196		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	60,540			60,540
51201800	FURNISHING STEEL PILES HP14X73	FOOT	220			220
51202305	DRIVING PILES	FOOT	220			220
51203800	TEST PILE STEEL HP14X73	EACH	2			2
51204650	PILE SHOES	EACH	12			12
51500100	NAME PLATES	EACH	1			1
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	56		56	
542D5485	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	60		60	
54213445	END SECTIONS 10"	EACH	1		1	
54213870	STEEL END SECTIONS 15"	EACH	2		2	
54215145	STEEL END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH	2		2	
55100700	STORM SEWER REMOVAL 15"	FOOT	47		47	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	108			108
60100080	FRENCH DRAINS	CU YD	8		8	
60100935	PIPE DRAINS 10"	FOOT	14		14	

Δ INDICATES SPECIALTY ITEM.



USER NAME: mazurlo	DESIGNED: KAC	REVISED:
DRAWN: KMB	CHECKED: KAC	REVISED:
PLOT SCALE: 2.0000' / 1"	DATE: 05-03-2013	REVISED:
PLOT DATE: 6/19/2013		

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 92 OVER BIG BRANCH CREEK  
 SUMMARY OF QUANTITIES**

SCALE: SHEET NO. 4 OF 7 SHEETS STA. TO STA.

F.A.P. RTE. 599	SECTION 103MFT-BR	COUNTY ROCK ISLAND	TOTAL SHEETS 88	SHEET NO. 7
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT CONTRACT NO. 64D18		

FILE NAME = 0205007.dwg

**SUMMARY OF QUANTITIES**

CONST. CODE	CONST. CODE	CONST. CODE
100% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
ROADWAY	ROADWAY	BRIDGE
0004	0004	0011

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	RURAL		STRUCTURE NO. 081-0196 RURAL
				RURAL	RURAL	
60500060	REMOVING INLETS	EACH	2		2	
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	412.5		412.5	
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4		4	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4		4	
63200310	GUARDRAIL REMOVAL	FOOT	400		400	
63500105	DELINEATORS	EACH	10		10	
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	22		22	
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	1		1	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	10		10	
67100100	MOBILIZATION	L SUM	1		1	
70100200	TRAFFIC CONTROL AND PROTECTION, STANDARD 701331	EACH	1		1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1		1	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1		1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	30		30	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	1.5		1.5	

Δ INDICATES SPECIALTY ITEM.

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USER NAME = mzmurlo	DESIGNED KAC	REVISED
PLOT SCALE = 2.0000 / 1"	DRAWN KMB	REVISED
PLOT DATE = 6/19/2013	CHECKED KAC	REVISED
	DATE 05-03-2013	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 92 OVER BIG BRANCH CREEK  
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. 5 OF 7 SHEETS STA. TO STA.

F.A.P. RTE. 599	SECTION 103MFT-BR	COUNTY ROCK ISLAND	TOTAL SHEETS 88	SHEET NO. 8
CONTRACT NO. 64D18			ILLINOIS FED. AID PROJECT	



**SUMMARY OF QUANTITIES**

CONST. CODE	CONST. CODE	CONST. CODE
100% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
ROADWAY	ROADWAY	BRIDGE
0004	0004	0011

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	RURAL	RURAL	STRUCTURE NO. 081-0196 RURAL
Z0020900	ESTABLISHING AND REFERENCING LAND SECTION MARKERS	EACH	1		1	
Z0025505	PROPERTY MARKERS	EACH	2		2	
Z0028415	GEOTECHNICAL REINFORCEMENT	SQ YD	1,410		1,410	
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	152			152
Δ A2000114	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	10		10	
Δ A2001714	TREE, ACER SACCHARUM (SUGAR MAPLE), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	10		10	
Δ A2002914	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	10		10	
Δ A2005814	TREE, PLANTANUS OCCIDENTALIS (SYCAMORE), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	10		10	
Δ A2006514	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	12		12	
Δ A2006714	TREE, QUERCUS MACROCARPA (BUR OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	10		10	
Δ A2006914	TREE, QUERCUS PALUSTRIS (PIN OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	10		10	
X0327301	RELOCATE EXISTING MAILBOX	EACH	4		4	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	75		75	
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	245		25	220
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		1	

Δ INDICATES SPECIALTY ITEM.

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FILE NAME = D:\200807\_01\_001.dwg



USER NAME = mazurlo	DESIGNED KAC	REVISED
PLOT SCALE = 2.0000' / 1" =	DRAWN KMB	REVISED
PLOT DATE = 6/19/2013	CHECKED KAC	REVISED
	DATE 05-03-2013	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

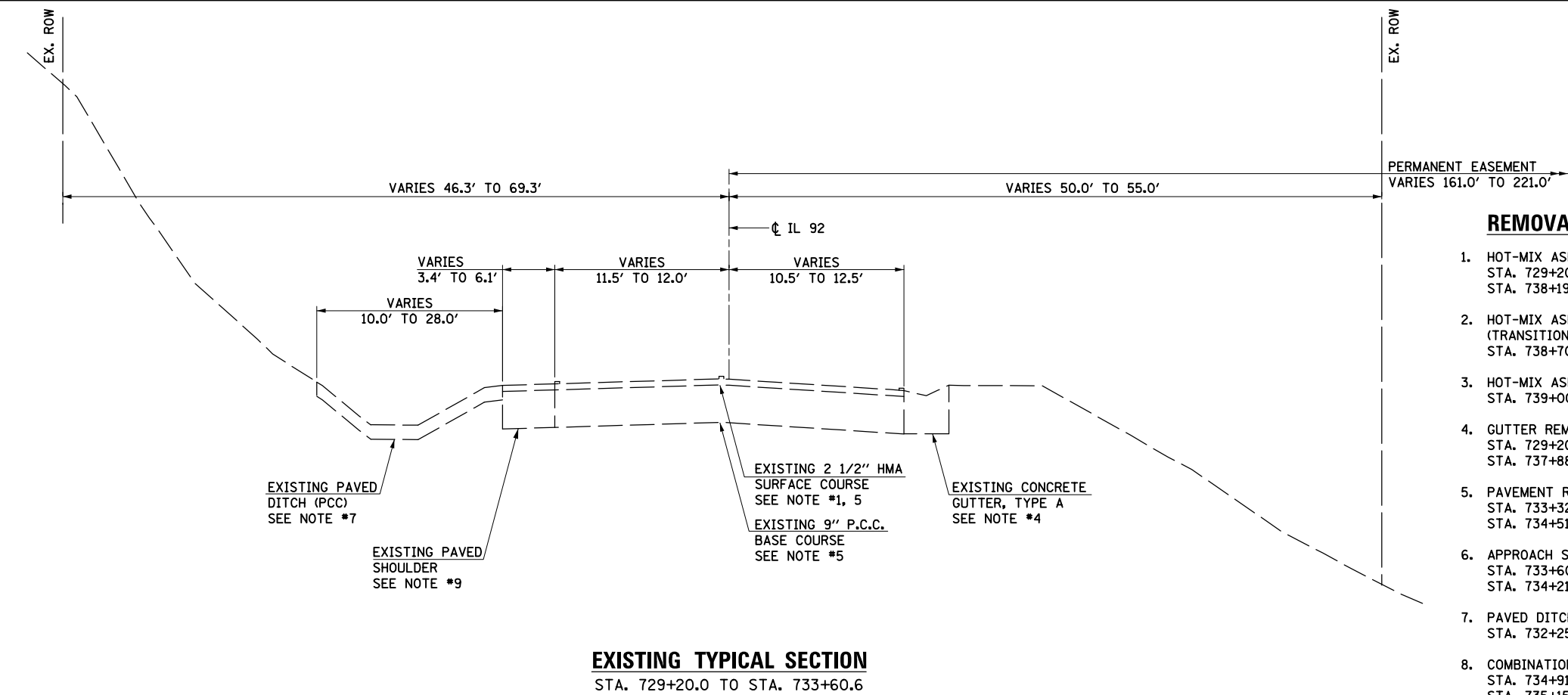
<b>IL 92 OVER BIG BRANCH CREEK SUMMARY OF QUANTITIES</b>	
SCALE:	SHEET NO. 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE. 599	SECTION 103MFT-BR	COUNTY ROCK ISLAND	TOTAL SHEETS 88	SHEET NO. 10
CONTRACT NO. 64018			ILLINOIS FED. AID PROJECT	

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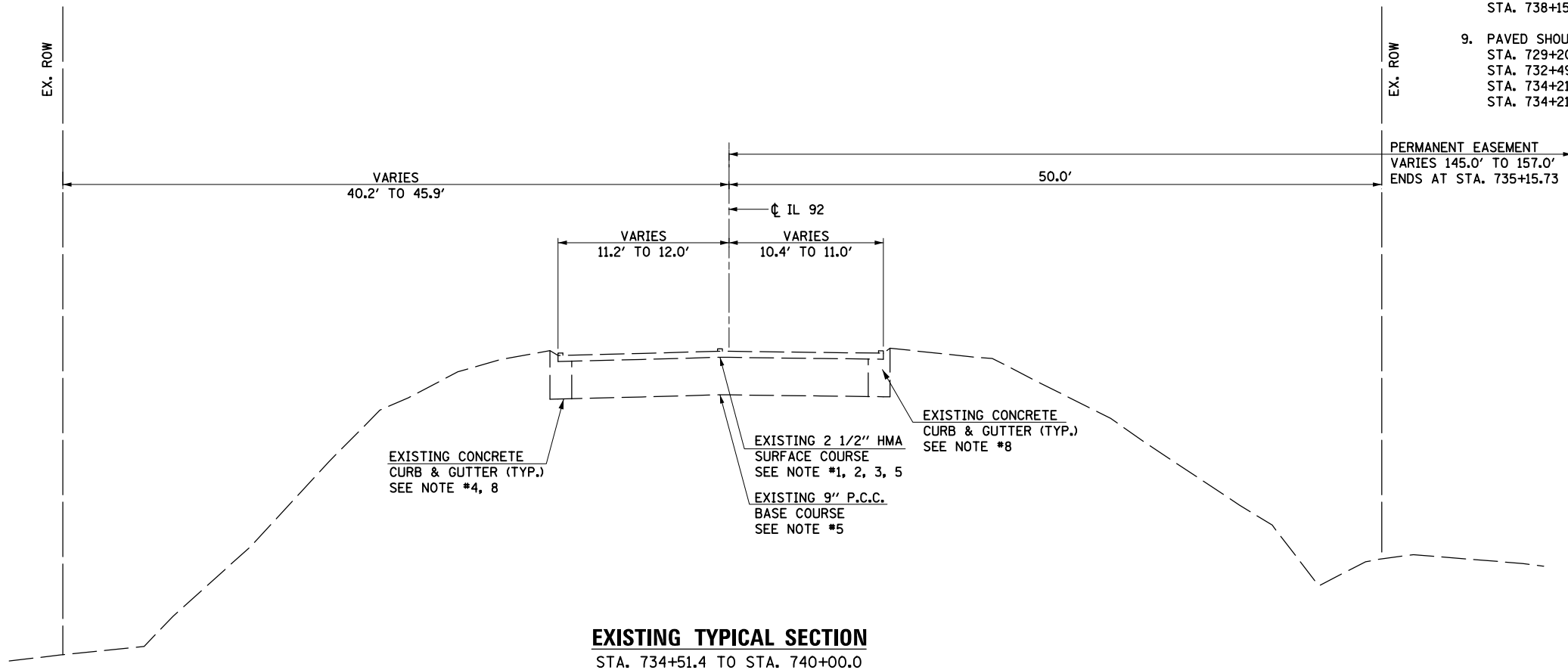
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	NO.	

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**EXISTING TYPICAL SECTION**

STA. 729+20.0 TO STA. 733+60.6



**EXISTING TYPICAL SECTION**

STA. 734+51.4 TO STA. 740+00.0

**REMOVAL NOTES**

- HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4" STA. 729+20.0 TO STA. 730+27.2 STA. 738+19.6 TO STA. 738+70.0
- HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (TRANSITION SURFACE REMOVAL FROM 2 1/4" TO 1 1/2") STA. 738+70.0 TO STA. 739+00.0
- HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2" STA. 739+00.0 TO STA. 740+00.0
- GUTTER REMOVAL STA. 729+20.0 TO STA. 732+46.2 (RT) STA. 737+88.1 TO STA. 738+15.3 (LT)
- PAVEMENT REMOVAL STA. 733+32.5 TO STA. 733+60.5 STA. 734+51.5 TO STA. 734+79.5
- APPROACH SLAB REMOVAL STA. 733+60.5 TO STA. 733+90.5 STA. 734+21.3 TO STA. 734+51.3
- PAVED DITCH REMOVAL STA. 732+25.0 TO STA. 733+92.6 (LT)
- COMBINATION CURB AND GUTTER REMOVAL STA. 734+91.8 TO STA. 737+88.1 (LT) STA. 735+15.4 TO STA. 739+88.6 (RT) STA. 738+15.3 TO STA. 740+00.0 (LT)
- PAVED SHOULDER REMOVAL STA. 729+20.0 TO STA. 733+90.5 (LT) STA. 732+49.1 TO STA. 733+90.5 (RT) STA. 734+21.3 TO STA. 734+88.1 (LT) STA. 734+21.3 TO STA. 735+08.8 (RT)



USER NAME = mszmurlo	DESIGNED KAC	REVISED
	DRAWN KMB	REVISED
PLOT SCALE = 10.0000' / 1"	CHECKED KAC	REVISED
PLOT DATE = 6/19/2013	DATE 05-03-2013	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 92 OVER BIG BRANCH CREEK  
TYPICAL SECTIONS

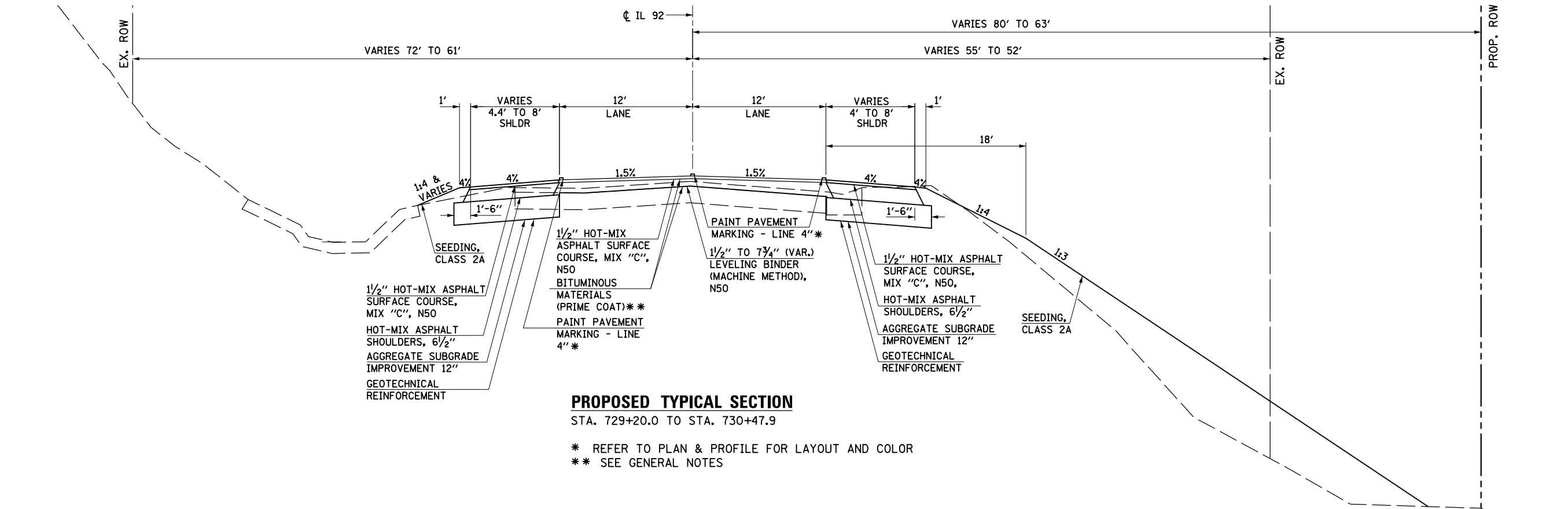
SCALE: N.T.S. SHEET NO. 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	11
CONTRACT NO. 64D18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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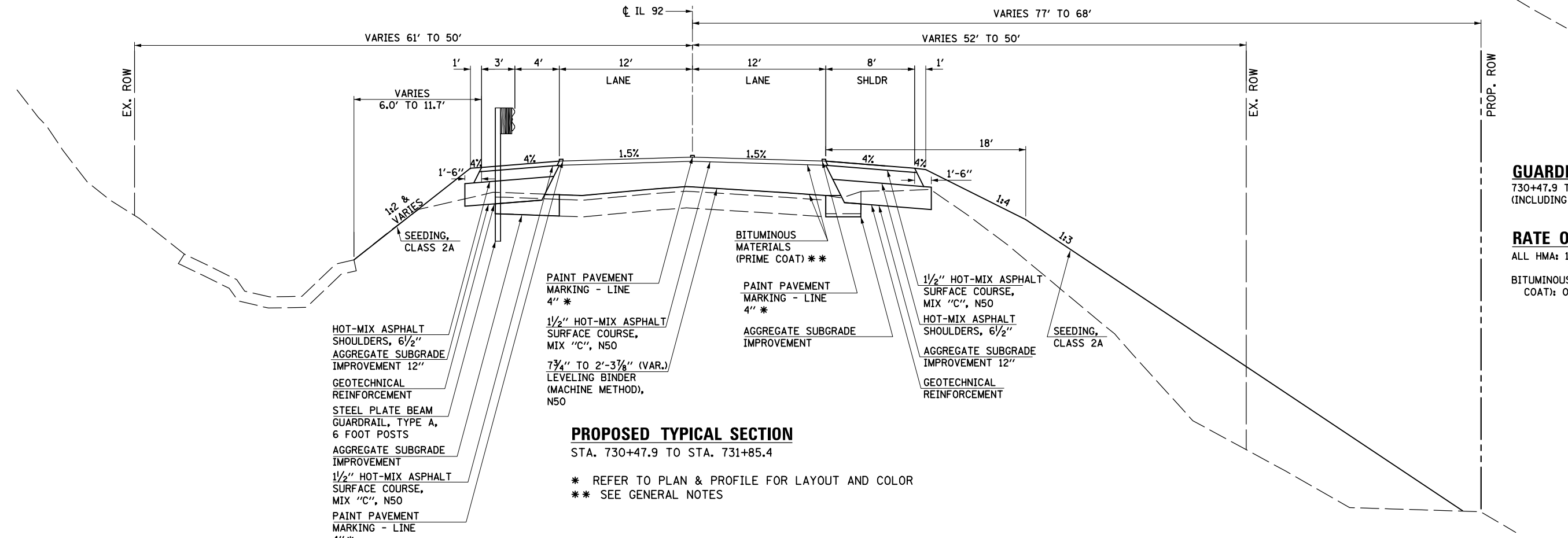
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**PROPOSED TYPICAL SECTION**

STA. 729+20.0 TO STA. 730+47.9

\* REFER TO PLAN & PROFILE FOR LAYOUT AND COLOR  
 \*\* SEE GENERAL NOTES



**PROPOSED TYPICAL SECTION**

STA. 730+47.9 TO STA. 731+85.4

\* REFER TO PLAN & PROFILE FOR LAYOUT AND COLOR  
 \*\* SEE GENERAL NOTES

**GUARDRAIL STATIONING:**  
 730+47.9 TO 733+53.5 (LT)  
 (INCLUDING TERMINALS)

**RATE OF APPLICATION**  
 ALL HMA: 112 LBS./SQ. YD./IN.  
 BITUMINOUS MATERIALS (PRIME COAT): 0.000286 TONS/SQ. YD.



USER NAME = mszmur1o	DESIGNED KAC	REVISED
	DRAWN KMB	REVISED
PLOT SCALE = 10.0000' / 1"	CHECKED KAC	REVISED
PLOT DATE = 6/19/2013	DATE 05-03-2013	REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

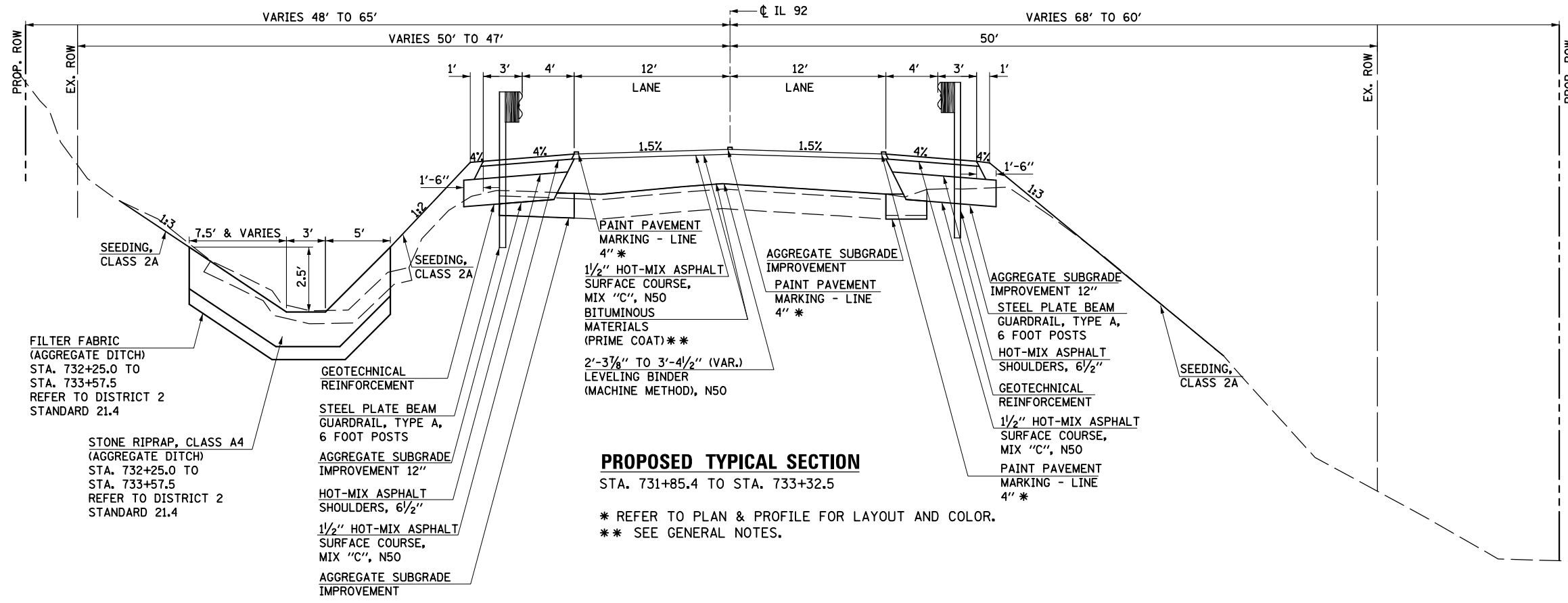
IL 92 OVER BIG BRANCH CREEK TYPICAL SECTIONS			
SCALE: N.T.S.	SHEET NO. 2 OF 5 SHEETS	STA.	TO STA.

F.A.P. RTE. 599	SECTION 103MFT-BR	COUNTY ROCK ISLAND	TOTAL SHEETS 88	SHEET NO. 12
CONTRACT NO. 64D18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS CHECKED
	NOTE BOOK NO.
	CHECKED
	FILE NAME

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS CHECKED
	NOTE BOOK NO.
	CHECKED
	FILE NAME

FILE NAME = D206907.dwg

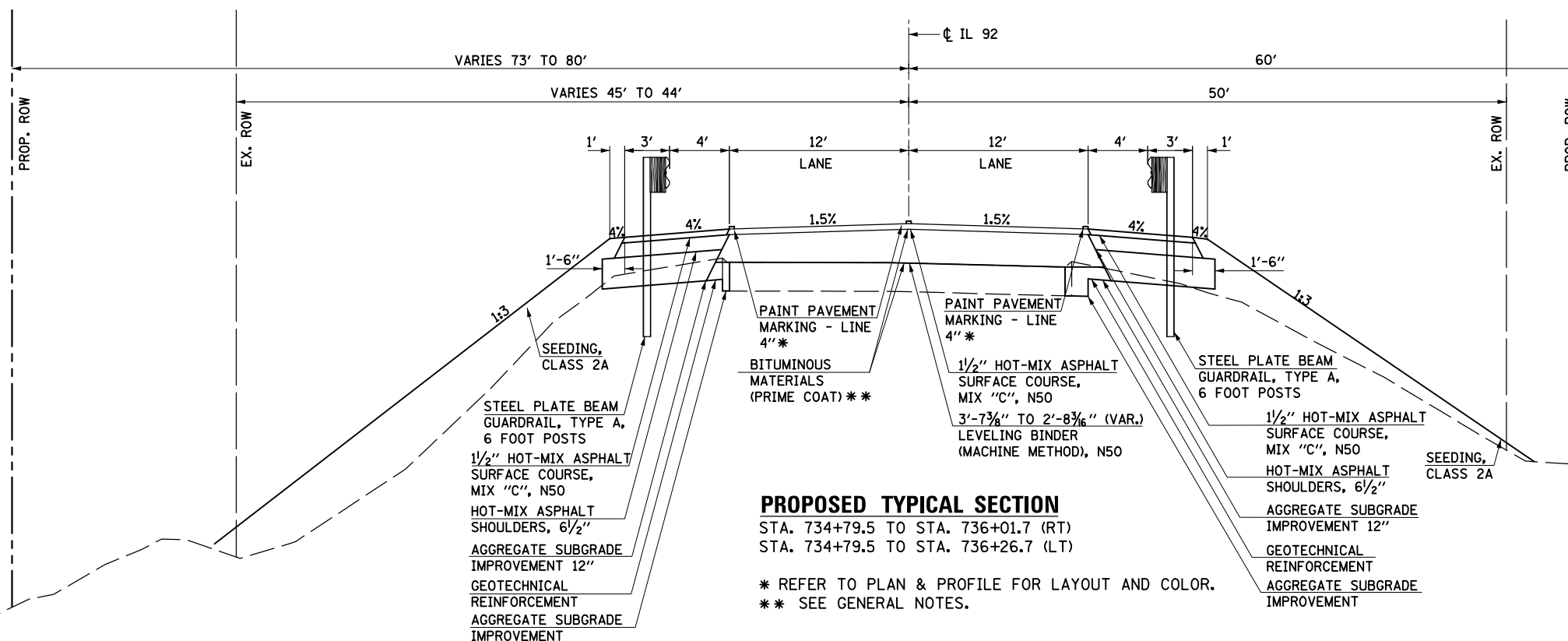


**GUARDRAIL STATIONING:**

731+85.4 TO 733+53.5 (RT)  
 734+58.5 TO 736+26.7 (LT)  
 734+58.5 TO 736+01.7 (RT)  
 (INCLUDING TERMINALS)

**RATE OF APPLICATION**

ALL HMA: 112 LBS./SQ. YD./IN.  
 BITUMINOUS MATERIALS (PRIME COAT): 0.000286 TONS/SQ. YD.



USER NAME = mszmur-lo	DESIGNED KAC	REVISED
	DRAWN KMB	REVISED
PLOT SCALE = 10.0000' / 1"	CHECKED KAC	REVISED
PLOT DATE = 6/19/2013	DATE 05-03-2013	REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IL 92 OVER BIG BRANCH CREEK  
 TYPICAL SECTIONS

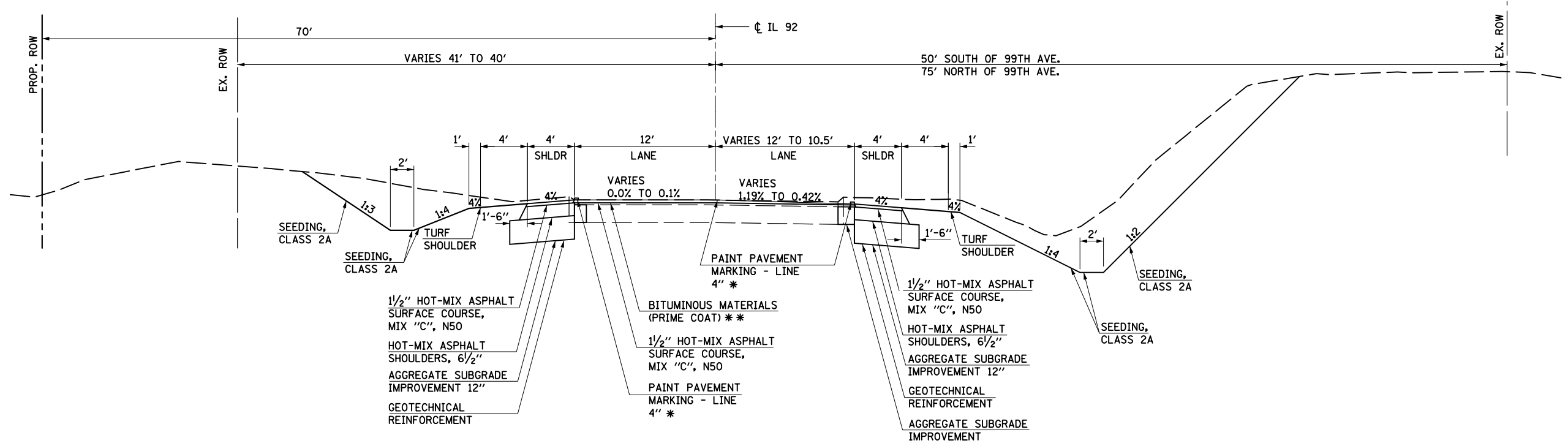
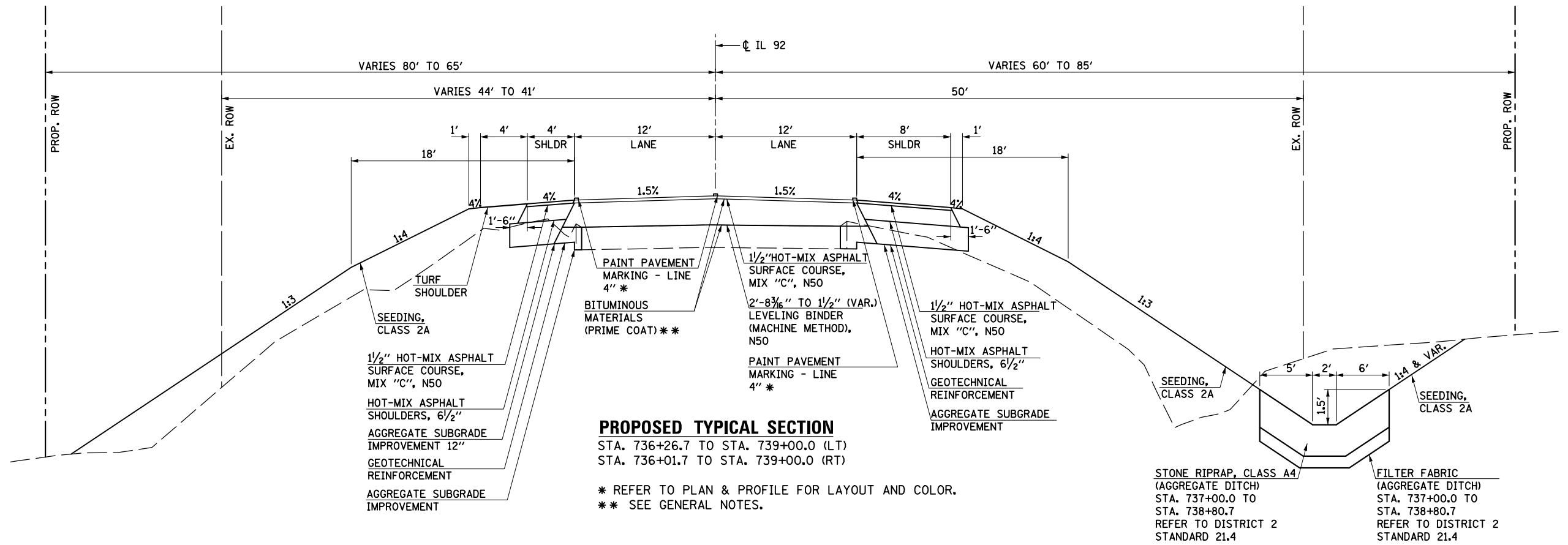
SCALE: N.T.S. SHEET NO. 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	13
CONTRACT NO. 64D18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	FILED	
	FILE NAME	
NOTE BOOK NO.		

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
NOTE BOOK NO.		

FILE NAME = D206907.dwg



STONE RIPRAP, CLASS A4  
 (AGGREGATE DITCH)  
 STA. 737+00.0 TO  
 STA. 738+80.7  
 REFER TO DISTRICT 2  
 STANDARD 21.4

FILTER FABRIC  
 (AGGREGATE DITCH)  
 STA. 737+00.0 TO  
 STA. 738+80.7  
 REFER TO DISTRICT 2  
 STANDARD 21.4

**RATE OF APPLICATION**

ALL HMA: 112 LBS./SQ. YD./IN.  
 BITUMINOUS MATERIALS (PRIME COAT): 0.000286 TONS/SQ. YD.



USER NAME = mszmurlo	DESIGNED KAC	REVISED
	DRAWN KMB	REVISED
PLOT SCALE = 10.0000' / IN.	CHECKED KAC	REVISED
PLOT DATE = 6/19/2013	DATE 05-03-2013	REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IL 92 OVER BIG BRANCH CREEK  
 TYPICAL SECTIONS

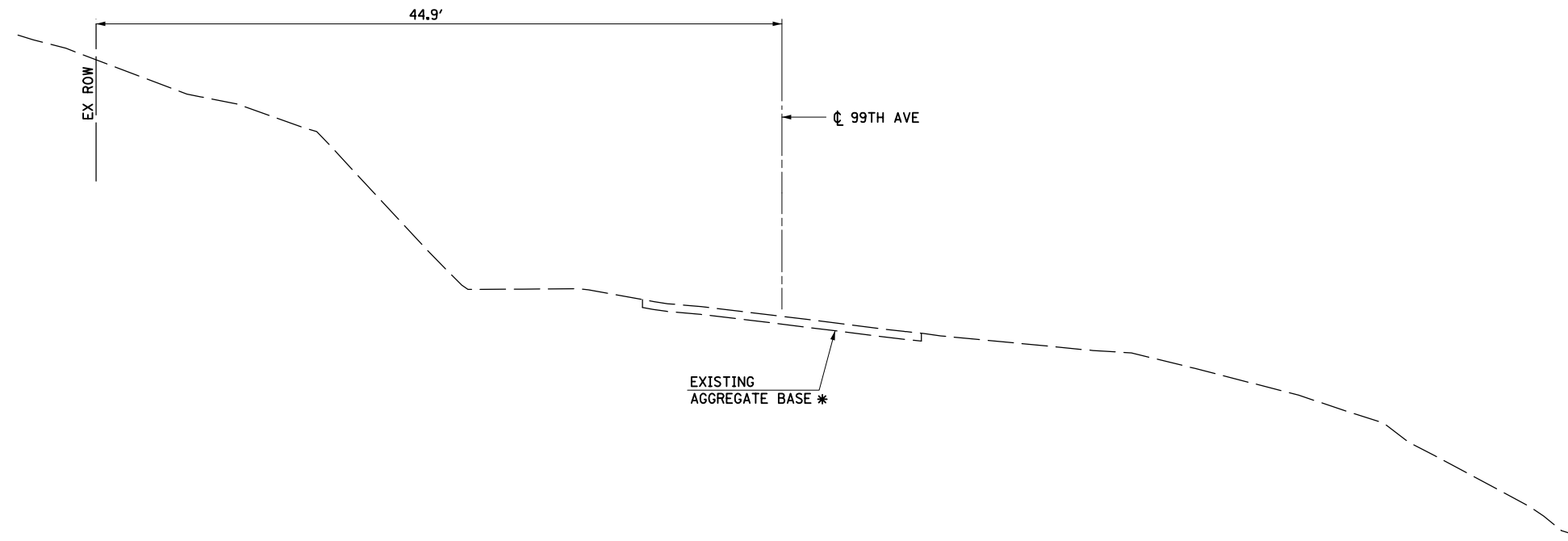
SCALE: N.T.S. SHEET NO. 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	14
				CONTRACT NO. 64D18
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILED		
	CADD FILE NAME		
NO.			

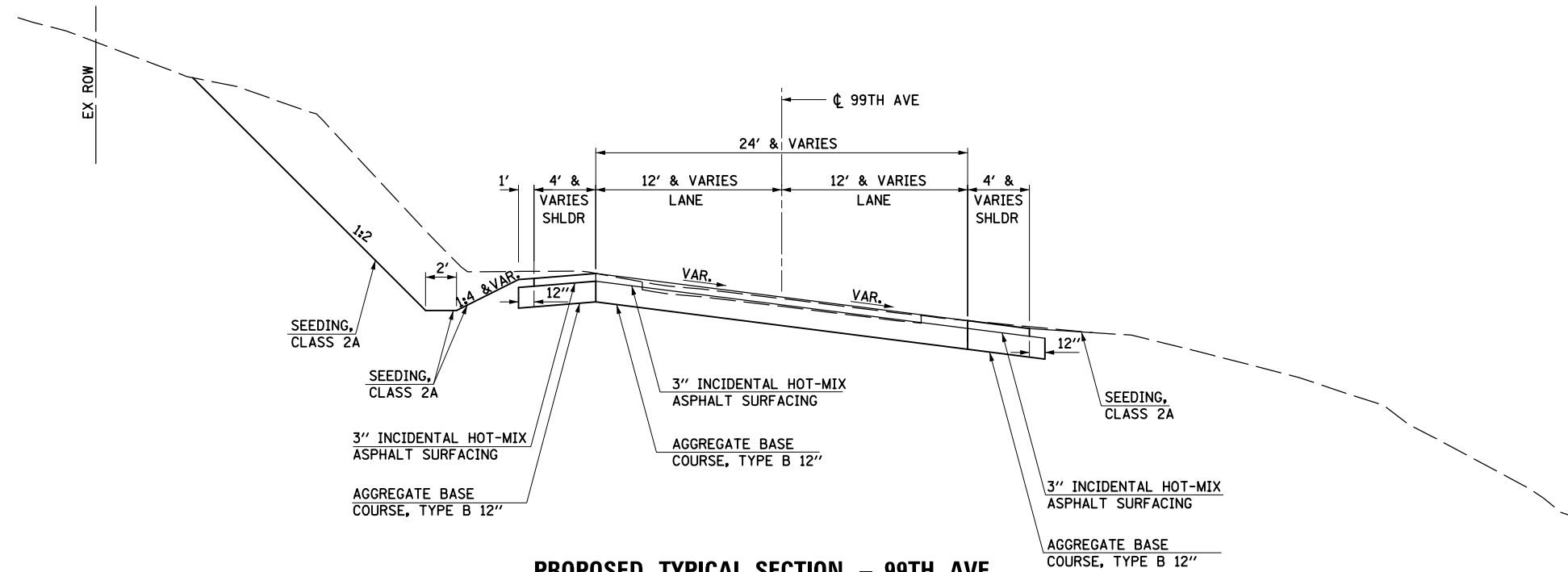
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATIONS		
	CHKD		
NO.			



**EXISTING TYPICAL SECTION - 99TH AVE**

STA. 30+11.0 TO STA. 30+85.1

\* REMOVAL STA. 30+11.0 TO STA. 30+85.1 PAID FOR AS EARTH EXCAVATION



**PROPOSED TYPICAL SECTION - 99TH AVE**

STA. 30+12.0 TO STA. 30+85.1

**RATE OF APPLICATION**

ALL HMA: 112 LBS./SQ. YD./IN.

FILE NAME = D206907.shl.typ\_05.dgn



USER NAME = mszmurlo	DESIGNED KAC	REVISED
	DRAWN KMB	REVISED
PLOT SCALE = 10.0000' / 1" =	CHECKED KAC	REVISED
PLOT DATE = 6/19/2013	DATE 05-03-2013	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 92 OVER BIG BRANCH CREEK  
TYPICAL SECTIONS

SCALE: N.T.S. SHEET NO. 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	15
				CONTRACT NO. 64D18
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



## SCHEDULE OF QUANTITIES

### 44000158 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"

SQ YD		ROCK ISLAND LOCATION		COMMENTS	
RT SIDE	LT SIDE	TOTAL	LOCATION	OFFSET	COMMENTS
244	244	729	+	20.00	TO 730
126	126	738	+	19.60	TO 738
370	0	370			

### 44000400 GUTTER REMOVAL

FOOT		ROCK ISLAND LOCATION		COMMENTS	
RT SIDE	LT SIDE	TOTAL	LOCATION	OFFSET	COMMENTS
326	34	326	729	+	20.00
	34	34	737	+	88.10
326	34	360			

### 44000500 COMBINATION CURB AND GUTTER REMOVAL

FOOT		ROCK ISLAND LOCATION		COMMENTS	
RT SIDE	LT SIDE	TOTAL	LOCATION	OFFSET	COMMENTS
473	296	296	734	+	91.80
	473	473	735	+	15.39
473	185	185	738	+	15.24
473	481	954			

### 44004000 PAVED DITCH REMOVAL

FOOT		ROCK ISLAND LOCATION		COMMENTS	
RT SIDE	LT SIDE	TOTAL	LOCATION	OFFSET	COMMENTS
0	168	168	732	+	25.00
	168	168	733	+	92.60
0	168	168			

### 44004250 PAVED SHOULDER REMOVAL

SQ YD		ROCK ISLAND LOCATION		COMMENTS	
RT SIDE	LT SIDE	TOTAL	LOCATION	OFFSET	COMMENTS
46	423	423	729	+	20.00
	46	46	732	+	49.10
48	20	20	734	+	21.30
	48	48	734	+	21.30
76	648	648	944	+	20.00
	69	69	98	+	75.00
170	1,160	1,331			

### 50105220 PIPE CULVERT REMOVAL

FOOT		ROCK ISLAND LOCATION		COMMENTS	
RT SIDE	LT SIDE	TOTAL	LOCATION	OFFSET	COMMENTS
41	41	41	738	+	98.73
41		41	739	+	39.55
41		41			

### 542D0220 PIPE CULVERTS, CLASS D, TYPE 1 15"

FOOT		ROCK ISLAND LOCATION		COMMENTS	
RT SIDE	LT SIDE	TOTAL	LOCATION	OFFSET	COMMENTS
56	56	56	738	+	8.00
56		56	738	+	72.00
56		56			

### 542D5485 PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 30"

FOOT		ROCK ISLAND LOCATION		COMMENTS	
RT SIDE	LT SIDE	TOTAL	LOCATION	OFFSET	COMMENTS
60	60	60	738	+	85.30
60		60	739	+	47.50
60		60			

### 54213445 END SECTIONS 10"

EACH		ROCK ISLAND LOCATION		COMMENTS	
RT SIDE	LT SIDE	TOTAL	LOCATION	OFFSET	COMMENTS
1	1	1	733	+	92.34
1		1	734	+	51.8
1		1			

### 54213870 STEEL END SECTIONS 15"

EACH		ROCK ISLAND LOCATION		COMMENTS	
RT SIDE	LT SIDE	TOTAL	LOCATION	OFFSET	COMMENTS
1	1	1	738	+	9.25
1	1	1	738	+	70.72
2		2			

### 54215145 STEEL END SECTIONS, EQUIVALENT ROUND-SIZE 30"

EACH		ROCK ISLAND LOCATION		COMMENTS	
RT SIDE	LT SIDE	TOTAL	LOCATION	OFFSET	COMMENTS
1	1	1	738	+	86.51
1	1	1	739	+	46.27
2	0	2			

### 55100700 STORM SEWER REMOVAL 15"

FOOT		ROCK ISLAND LOCATION		COMMENTS	
RT SIDE	LT SIDE	TOTAL	LOCATION	OFFSET	COMMENTS
25	22	25	732	+	48.11
	22	22	734	+	89.40
25	22	47			

### 60100080 FRENCH DRAINS

CU YD		ROCK ISLAND LOCATION		COMMENTS	
RT SIDE	LT SIDE	TOTAL	LOCATION	OFFSET	COMMENTS
1	1	1	730	+	93.00
1	1	1	730	+	93.00
1	1	1	730	+	43.00
1	1	1	730	+	43.00
1	1	1	730	+	93.00
1	1	1	730	+	93.00
1	1	1	730	+	43.00
1	1	1	730	+	73.00
4	4	8			

### 60100935 PIPE DRAINS 10"

FOOT		ROCK ISLAND LOCATION		COMMENTS	
RT SIDE	LT SIDE	TOTAL	LOCATION	OFFSET	COMMENTS
0	14	14	733	+	92.34
0	14	14			

### 60500060 REMOVING INLETS

EACH		ROCK ISLAND LOCATION		COMMENTS	
RT SIDE	LT SIDE	TOTAL	LOCATION	OFFSET	COMMENTS
1	1	1	732	+	47.29
1	1	1	734	+	89.85
1	1	2			

### 63000001 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS

FOOT		ROCK ISLAND LOCATION		COMMENTS	
RT SIDE	LT SIDE	TOTAL	LOCATION	OFFSET	COMMENTS
75.0	212.5	212.5	730	+	97.85
75.0	75.0	75.0	732	+	35.35
50.0	75.0	75.0	735	+	1.65
125.0	287.5	412.5	735	+	1.65

### 63100085 TRAFFIC BARRIER TERMINAL, TYPE 6

EACH		ROCK ISLAND LOCATION		COMMENTS	
RT SIDE	LT SIDE	TOTAL	LOCATION	OFFSET	COMMENTS
1	1	1	733	+	10.35
1	1	1	733	+	10.35
1	1	1	734	+	58.50
1	1	1	734	+	58.50
2	2	4			

### 63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

EACH		ROCK ISLAND LOCATION		COMMENTS	
RT SIDE	LT SIDE	TOTAL	LOCATION	OFFSET	COMMENTS
1	1	1	730	+	47.85
1	1	1	731	+	85.35
1	1	1	735	+	51.65
1	1	1	735	+	76.65
2	2	4			

### 63200310 GUARDRAIL REMOVAL

FOOT		ROCK ISLAND LOCATION		COMMENTS	
RT SIDE	LT SIDE	TOTAL	LOCATION	OFFSET	COMMENTS
100	100	100	732	+	82.00
	100	100	732	+	96.47
100	100	100	734	+	16.34
	100	100	734	+	29.79
200	200	400			

### 63500105 DELINEATORS

EACH		ROCK ISLAND LOCATION		COMMENTS	
RT SIDE	LT SIDE	TOTAL	LOCATION	OFFSET	COMMENTS
2	2	2	729	+	50.00
1	1	1	731	+	87.85
	2	2	734	+	6.00
	1	1	736	+	24.15
	1	1	738	+	4.30
1	1	1	738	+	64.30
1	1	1	738	+	80.70
5	5	10	739	+	49.20

### 66600105 FURNISHING AND ERECTING RIGHT OF WAY MARKERS

EACH		ROCK ISLAND LOCATION		COMMENTS	
RT SIDE	LT SIDE	TOTAL	LOCATION	OFFSET	COMMENTS
1	1	1	729	+	0.00
1	1	1	729	+	50.00
1	1	1	730	+	0.00
	1	1	732	+	33.10
	1	1	733	+	0.00
1	1	1	733	+	2.10
	1	1	733	+	75.00
	1	1	735	+	0.00
1	1	1	736	+	0.00
1	1	1	736	+	67.95
1	1	1	737	+	0.00
1	1	1	737	+	60.49
1	1	1	738	+	0.00
1	1	1	738	+	50.00
1	1	1	739	+	0.00
1	1	1	739	+	1.80
	1	1	741	+	0.00
	1	1	742	+	0.00
	1	1	743	+	0.00
	1	1	744	+	50.00
	1	1	745	+	50.00
9	13	22	745	+	70.79

### 66700305 PERMANENT SURVEY MARKERS, TYPE II

EACH		ROCK ISLAND LOCATION		COMMENTS	
RT SIDE	LT SIDE	TOTAL	LOCATION	OFFSET	COMMENTS
1	1	1			
1	0	1			

### 70106800 CHANGEABLE MESSAGE SIGN

CAL MO		ROCK ISLAND LOCATION		COMMENTS	
RT SIDE	LT SIDE	TOTAL	LOCATION	OFFSET	COMMENTS
1	1	1			
0.5	0.5	0.5			
1.5	1.5	1.5			

DATE	BY	SURVEYED	PLOTTED	CHECKED	FILED

DATE	BY	SURVEYED	PLOTTED	CHECKED	FILED

FILE NAME = D:\200807\shl\shl\_02.dgn



USER NAME = mszmur-lo	DESIGNED KAC	REVISED
	DRAWN KMB	REVISED
PLOT SCALE = 2.0000' / in.	CHECKED KAC	REVISED
PLOT DATE = 6/19/2013	DATE 05-03-2013	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 92 OVER BIG BRANCH CREEK  
SCHEDULE OF QUANTITIES**

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	17
CONTRACT NO. 64D18			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

## SCHEDULE OF QUANTITIES

### 70300100 SHORT TERM PAVEMENT MARKING

ROCK ISLAND		LOCATION		COMMENTS	
FOOT RT SIDE	FOOT LT SIDE	TOTAL			
	134	134	944	+	50.00 TO 951 + 20.00 IL 92 / 2 APPL. @ 4' LENGTHS
	134	134	944	+	50.00 TO 951 + 20.00 IL 92 / 2 APPL. @ 4' LENGTHS (CENTER LINES)
	21	21	98	+	62.38 TO 99 + 66.30 140th Street / 2 APPL. @ 4' LENGTHS
0	289	289			

### 70300220 TEMPORARY PAVEMENT MARKING - LINE 4"

ROCK ISLAND		LOCATION		COMMENTS	
FOOT RT SIDE	FOOT LT SIDE	TOTAL			
500		500	939	+	50.00 TO 944 + 50.00 IL 92 / SOLID YELLOW
	125	125	939	+	50.00 TO 944 + 50.00 IL 92 / SKIP-DASH YELLOW
	670	670	944	+	50.00 TO 951 + 20.00 IL 92 / WHITE EDGE LINE
	845	845	944	+	50.00 TO 946 + 86.00 IL 92 / DOUBLE YELLOW CENTERLINE
	1,022	1,022	948	+	42.00 TO 951 + 20.00 IL 92 / DOUBLE YELLOW CENTERLINE
39		39	948	+	61.00 TO 949 + 00.00 IL 92 / WHITE EDGE LINE
	500	500	951	+	20.00 TO 956 + 20.00 IL 92 / SOLID YELLOW
	125	125	951	+	20.00 TO 956 + 20.00 IL 92 / SKIP-DASH YELLOW
	208	208	98	+	62.38 TO 99 + 66.30 140th Street / DOUBLE YELLOW CENTERLINE
	91	91	98	+	75.00 TO 99 + 64.00 140th Street / WHITE EDGE LINE
	93	93	99	+	36.00 TO 99 + 91.00 140th Street / WHITE EDGE LINE
757	3461	4218			

### 70300260 TEMPORARY PAVEMENT MARKING - LINE 12"

ROCK ISLAND		LOCATION		COMMENTS	
FOOT RT SIDE	FOOT LT SIDE	TOTAL			
	24	24	944	+	50.00 TO 946 + 86 IL 92 / PAINTED MEDIAN DIAGONALS
	37	37	948	+	42.00 TO 951 + 20 IL 92 / PAINTED MEDIAN DIAGONALS
	61	61			

### 70300280 TEMPORARY PAVEMENT MARKING - LINE 24"

ROCK ISLAND		LOCATION		COMMENTS	
FOOT RT SIDE	FOOT LT SIDE	TOTAL			
	20	20	99	+	66.30 140TH STREET STOP BAR
	20	20			

### 70301000 WORK ZONE PAVEMENT MARKING REMOVAL

ROCK ISLAND		LOCATION		COMMENTS	
FOOT RT SIDE	FOOT LT SIDE	SQ FT TOTAL			
	134	44	944	+	50.00 TO 951 + 20.00 IL 92 / 2 APPL. @ 4' LENGTHS
	134	44	944	+	50.00 TO 951 + 20.00 IL 92 / 2 APPL. @ 4' LENGTHS (CENTER LINES)
	21	7	98	+	62.38 TO 99 + 66.30 140th Street / 2 APPL. @ 4' LENGTHS
500		165	939	+	50.00 TO 944 + 50.00 IL 92 / SOLID YELLOW
	125	41	939	+	50.00 TO 944 + 50.00 IL 92 / SKIP-DASH YELLOW
	670	221	944	+	50.00 TO 951 + 20.00 IL 92 / WHITE EDGE LINE
	845	279	944	+	50.00 TO 946 + 86.00 IL 92 / DOUBLE YELLOW CENTERLINE
	1,022	337	948	+	42.00 TO 951 + 20.00 IL 92 / DOUBLE YELLOW CENTERLINE
39		13	948	+	61.00 TO 949 + 00.00 IL 92 / WHITE EDGE LINE
	500	165	951	+	20.00 TO 956 + 20.00 IL 92 / SOLID YELLOW
	125	41	951	+	20.00 TO 956 + 20.00 IL 92 / SKIP-DASH YELLOW
	208	69	98	+	62.38 TO 99 + 66.30 140th Street / DOUBLE YELLOW CENTERLINE
	91	30	98	+	75.00 TO 99 + 64.00 140th Street / WHITE EDGE LINE
	93	31	99	+	36.00 TO 99 + 91.00 140th Street / WHITE EDGE LINE
	24	24	944	+	50.00 TO 946 + 86.00 IL 92 / PAINTED MEDIAN DIAGONALS
	37	37	948	+	42.00 TO 951 + 20.00 IL 92 / PAINTED MEDIAN DIAGONALS
	19	39	99	+	66.30 TO 99 + 66.30 140TH STREET STOP BAR
757	3830	1587			

### 72400500 RELOCATE SIGN PANEL ASSEMBLY - TYPE A

ROCK ISLAND		LOCATION		OFFSET		COMMENTS	
EACH RT SIDE	EACH LT SIDE	TOTAL					
1		1	732	+	0.00	29.0	RT SB NO PASSING SOUTH OF BRIDGE
	1	1	737	+	50.00		LT NB NO PASSING NORTH OF BRIDGE
	1	1	738	+	22.00	30.0	LT STOP AT CUB SCOUT RD
	1	1	30	+	23.00	31.0	LT STOP AT 99TH AVE
	1	1	947	+	95.00	25.0	LT IL 92 WB 2-DIRECTIONAL ARROW SIGN
1	4	5					

### 78001110 PAINT PAVEMENT MARKING - LINE 4"

ROCK ISLAND		LOCATION		COMMENTS	
FOOT RT SIDE	FOOT LT SIDE	TOTAL			
					WHITE
		825	729	+	20.00 TO 733 + 32.50 SOUTH EAST WHITE EDGE LINE, 2 APPL.
		825	729	+	20.00 TO 733 + 32.50 SOUTH WEST WHITE EDGE LINE, 2 APPL.
		294	733	+	32.50 TO 734 + 79.50 BRIDGE EAST WHITE EDGE LINE, 2 APPL.
		294	733	+	32.50 TO 734 + 79.50 BRIDGE WEST WHITE EDGE LINE, 2 APPL.
		1,041	734	+	79.50 TO 740 + 0.00 NORTH EAST WHITE EDGE LINE, 2 APPL.
		1,041	734	+	79.50 TO 740 + 0.00 NORTH WEST WHITE EDGE LINE, 2 APPL.
		1,340	946	+	50.00 TO 950 + 0.00 IL 92 / WHITE EDGE LINE / 2 APPL.
		78	948	+	61.19 TO 949 + 0.00 IL 92 / WHITE EDGE LINE / 2 APPL.
		185	98	+	75.00 TO 99 + 63.33 140TH ST / WHITE EDGE LINE / 2 APPL.
		2423	3682	6105	99 + 36.19 TO 99 + 90.44 140TH ST / WHITE EDGE LINE / 2 APPL.
					YELLOW
		32	729	+	20.00 TO 729 + 36.00 SOUTH YELLOW NPZ SOLID, 2 APPL.
		206	729	+	20.00 TO 733 + 32.50 SOUTH YELLOW CENTER DASH, 2 APPL.
		74	733	+	32.50 TO 734 + 79.50 BRIDGE YELLOW CENTER DASH, 2 APPL.
		260	734	+	79.50 TO 740 + 0.00 NORTH YELLOW CENTER DASH, 2 APPL.
		500	737	+	50.00 TO 740 + 0.00 NORTH YELLOW NPZ SOLID, 2 APPL.
		335	944	+	50.00 TO 951 + 20.00 IL 92 / YELLOW CENTER DASH / 2 APPL.
		53	98	+	62.38 TO 99 + 66.30 140TH ST / YELLOW CENTER DASH / 2 APPL.
		1460	0	1460	
					7565

### 78001180 PAINT PAVEMENT MARKING - LINE 24"

ROCK ISLAND		LOCATION		OFFSET		COMMENTS	
FOOT RT SIDE	FOOT LT SIDE	TOTAL					
							WHITE
		36	738	+	25.50 TO 738 + 43.5 29.5	LT	CUB SCOUT RD STOP - WHITE, 2 APPL.
		36	30	+	24.00		99TH AVE STOP - WHITE, 2 APPL.
		40	99	+	66.30		140TH STREET STOP BAR / 2 APPL.
		76	36	112			

### 78100100 RAISED REFLECTIVE PAVEMENT MARKER

ROCK ISLAND		LOCATION		COMMENTS	
EACH		TOTAL			
6		6	729	+	20.00 TO 733 + 32.50 SOUTH OF BRIDGE
7		7	734	+	79.50 TO 740 + 0.00 NORTH OF BRIDGE
13	0	13			

### 78200410 GUARDRAIL MARKERS, TYPE A

ROCK ISLAND		LOCATION		COMMENTS	
EACH RT SIDE	EACH LT SIDE	TOTAL			
4		4	731	+	85.35 TO 733 + 53.50 S. OF BRIDGE, EAST SHLDR; 4 MIN. / SECT.
	4	4	730	+	47.85 TO 733 + 53.50 S. OF BRIDGE, WEST SHLDR; 4 MIN. / SECT.
4		4	734	+	58.50 TO 736 + 1.64 N. OF BRIDGE, EAST SHLDR; 4 MIN. / SECT.
	4	4	734	+	58.50 TO 736 + 26.65 N. OF BRIDGE, WEST SHLDR; 4 MIN. / SECT.
8	8	16			

### 78200520 BARRIER WALL MARKERS, TYPE B

ROCK ISLAND		LOCATION		COMMENTS	
EACH RT SIDE	EACH LT SIDE	TOTAL			
2		2	733	+	53.50 TO 734 + 58.50 EAST PARAPET, 2 MIN. PER WALL
	2	2	733	+	53.50 TO 734 + 58.50 WEST PARAPET, 2 MIN. PER WALL
2	2	4			

### 78201000 TERMINAL MARKER - DIRECT APPLIED

ROCK ISLAND		LOCATION		COMMENTS	
EACH RT SIDE	EACH LT SIDE	TOTAL			
1		1	730	+	47.85 17.0 LT SOUTH OF BRIDGE, WEST SHOULDER
	1	1	731	+	85.35 17.0 RT SOUTH OF BRIDGE, EAST SHOULDER
1		1	736	+	1.64 17.0 RT NORTH OF BRIDGE, EAST SHOULDER
	1	1	736	+	26.65 17.0 LT NORTH OF BRIDGE, WEST SHOULDER
2	2	4			

### 78300100 PAVEMENT MARKING REMOVAL

ROCK ISLAND		LOCATION		COMMENTS	
SQ FT RT SIDE	SQ FT LT SIDE	TOTAL			
	56	56	944	+	50.00 TO 951 + 20.00 IL 92 / YELLOW CENTER DASH
	223	223	944	+	50.00 TO 951 + 20.00 IL 92 / WHITE EDGE LINE
	9	9	98	+	62.38 TO 99 + 66.30 140TH ST / YELLOW CENTER DASH
0	9	288			

### Z0004552 APPROACH SLAB REMOVAL

ROCK ISLAND		LOCATION		COMMENTS	
SQ YD		TOTAL			
67		67	733	+	60.50 TO 733 + 90.50 SOUTH EXISTING APPROACH
67		67	734	+	21.30 TO 734 + 51.30 NORTH EXISTING APPROACH
134		134			

### Z0020900 ESTABLISHING AND REFERENCING LAND SECTION MARKERS

ROCK ISLAND		LOCATION		OFFSET		COMMENTS	
EACH RT SIDE	EACH LT SIDE	TOTAL					
1		1	739	+	35.88	3.5	RT QUARTER SECTION CORNER NEAR 99TH AVE
1	0	1					

### Z0028415 GEOTECHNICAL REINFORCEMENT

ROCK ISLAND		LOCATION		COMMENTS	
SQ YD RT SIDE	SQ YD LT SIDE	TOTAL			
		353	729	+	20.00 TO 733 + 38.50 WEST SHOULDER, SOUTH OF BRIDGE
		375	729	+	20.00 TO 733 + 38.50 EAST SHOULDER, SOUTH OF BRIDGE
		321	734	+	73.50 TO 740 + 0.00 WEST SHOULDER, NORTH OF BRIDGE
		361	734	+	73.50 TO 738 + 66.50 EAST SHOULDER, NORTH OF BRIDGE
736	674	1410			

### X0327301 RELOCATE EXISTING MAILBOX

ROCK ISLAND		LOCATION		COMMENTS	
EACH		TOTAL			
1		1	947	+	20.00 IL 92 WESTBOUND
3		3	948	+	95.00 IL 92 WESTBOUND
4		4			

### X4401198 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

ROCK ISLAND		LOCATION		COMMENTS	
SQ YD		TOTAL			
75		75	738	+	70.00 TO 739 + 0.00 TRANSITION FROM 2.25" TO 1.5" SURF. REM.
75	0	75			

### X5960110 GRANULAR BACKFILL FOR STRUCTURES

ROCK ISLAND		LOCATION		COMMENTS	
CU YD		TOTAL			
12		12	733	+	32.50 TO 733 + 46.50 UNDER S. APPROACH FOOTING
13		13	734	+	65.50 TO 734 + 79.50 UNDER N. APPROACH FOOTING
220		220			AT BRIDGE ABUTMENTS
245		245			

DATE	BY	SURVEYED	PLOTTED	CHECKED	FILED
PLAN	NO.	NOTE BOOK	NO.	DATE	

DATE	BY	SURVEYED	PLOTTED	CHECKED	FILED
PROFILE	NO.	NOTE BOOK	NO.	DATE	

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USER NAME = mszmurlo	DESIGNED KAC	REVISED
	DRAWN KMB	REVISED
PLOT SCALE = 2.0000' / in.	CHECKED KAC	REVISED
PLOT DATE = 6/19/2013	DATE 05-03-2013	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	ALIGNMENT CHECKED	
	PAVEMENT CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHECKED	

### EARTHWORK SCHEDULE

LOCATION	20200100	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	20400800	20300100
	EARTH EXCAVATION (CU YD)				FURNISHED EXCAVATION (CU YD)	CHANNEL EXCAVATION (CU YD)
<b>IL 92</b>						
STA. 729+17.0 TO STA. 733+68.0	390	293	1418	-1126	1126	
STA. 734+45.0 TO STA. 740+00.0	1132	849	2809	-1960	1960	
STA. 944+50.0 TO STA. 951+20.0	309	232	9	222	-222	
<b>99TH AVE</b>						
STA. 30+42.0 TO STA. 31+50.0	465	349	0	349	-349	
<b>140TH ST</b>						
STA. 98+75.0 TO STA. 99+63.3	62	47	0	47	-47	
<b>BIG BRANCH CREEK</b>						
STA. 10+00 TO STA. 11+22			18	-18	18	2390
<b>TOTAL IL 92</b>	<b>2358</b>	<b>1769</b>	<b>4254</b>	<b>-2486</b>	<b>2490</b>	<b>2390</b>

SHRINKAGE FACTORS  
EARTH EXCAVATION 25%

### HOT-MIX ASPHALT SCHEDULE

LOCATION	30300011	30300112	35102000	35102400	40600625	40603310	40701851	40800050	42001430	48203023
	AGGREGATE SUBGRADE IMPROVEMENT (TON)	AGGREGATE SUBGRADE IMPROVEMENT, 12" (SQ YD)	AGGREGATE BASE COURSE, TYPE B 8" (SQ YD)	AGGREGATE BASE COURSE, TYPE B 12" (SQ YD)	LEVELING BINDER (MACHINE METHOD), N50 (TON)	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (TON)	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8 1/2" (SQ YD)	INCIDENTAL ASPHALT SURFACING (TON)	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE) (SQ YD)	HOT-MIX ASPHALT SHOULDERS, 6 1/2" (SQ YD)
<b>IL 92 MAINLINE</b>										
STA. 729+20.0 TO STA. 733+38.5 (24' WIDTH)	256				1322	92			25	
STA. 734+73.5 TO STA. 740+00.0 (24' WIDTH)	188				1570	116			25	
<b>EAST SHOULDER</b>										
STA. 729+20.0 TO STA. 732+16.4 (8' WIDTH)*		280				22				262
STA. 732+16.4 TO STA. 733+32.5 (7' WIDTH)		95				8				90
STA. 734+79.5 TO STA. 735+76.6 (7' WIDTH)		81				6				76
STA. 735+76.6 TO STA. 738+66.5 (8' WIDTH)*		276				22				263
<b>WEST SHOULDER</b>										
STA. 729+20.0 TO STA. 730+78.9 (8' WIDTH)*		149				11				132
STA. 730+78.9 TO STA. 733+32.5 (7' WIDTH)		209				17				197
STA. 734+79.5 TO STA. 736+60.7 (7' WIDTH)*		152				12				142
STA. 736+60.7 TO STA. 740+00.0 (4' WIDTH)		192				13				149
<b>99TH AVE</b>										
STA. 738+66.5 TO STA. 739+88.6 (3" SURFACE) (VAR. WIDTH)				360				66		
<b>IL 92 INTERSECTION IMPROVEMENTS</b>										
STA. 944+50.0 TO STA. 951+20.0 (VAR. WIDTH)		648	193				648	25		
<b>140TH ST</b>										
STA. 98+75.0 TO STA. 99+63.3 (NB) (VAR. WIDTH)		77					77			
STA. 99+36.3 TO STA. 99+91.0 (SB) (VAR. WIDTH)		69					69			
<b>CUB SCOUT RD</b>										
STA. 738+08.0 TO STA. 738+72.0 (2" SURFACE) (VAR. WIDTH)			140					18		
<b>TOTAL IL 92</b>	<b>444</b>	<b>2228</b>	<b>333</b>	<b>360</b>	<b>2892</b>	<b>319</b>	<b>794</b>	<b>109</b>	<b>50</b>	<b>1311</b>

\* INCLUDES SHOULDER WIDENING FOR TRAFFIC BARRIER TERMINAL

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	DRAWN KMB	REVISED
PLOT SCALE = 2.0000' / in.	CHECKED KAC	REVISED
PLOT DATE = 6/19/2013	DATE 05-03-2013	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

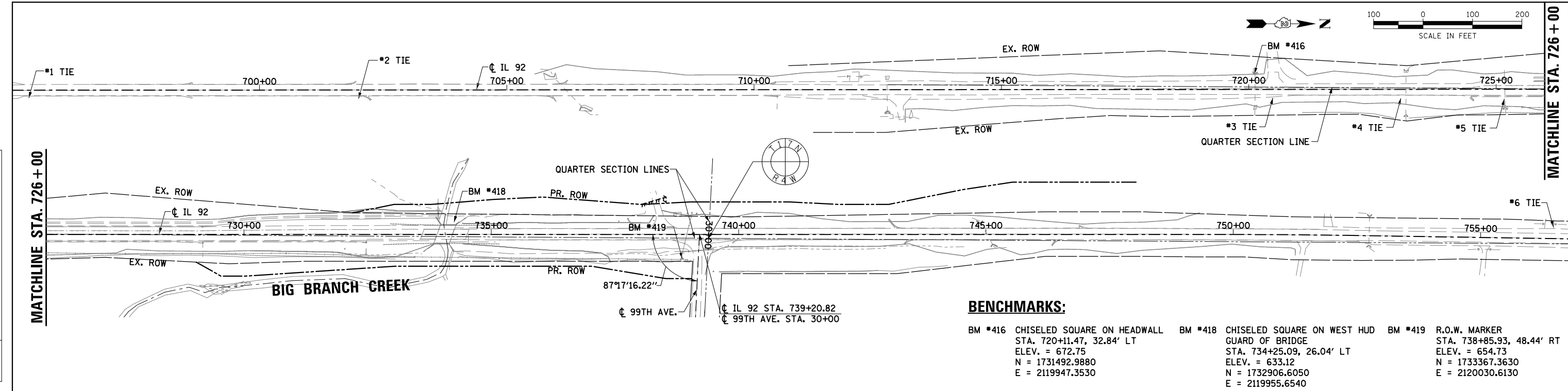
IL 92 OVER BIG BRANCH CREEK  
SCHEDULE OF QUANTITIES

SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	19
CONTRACT NO. 64D18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

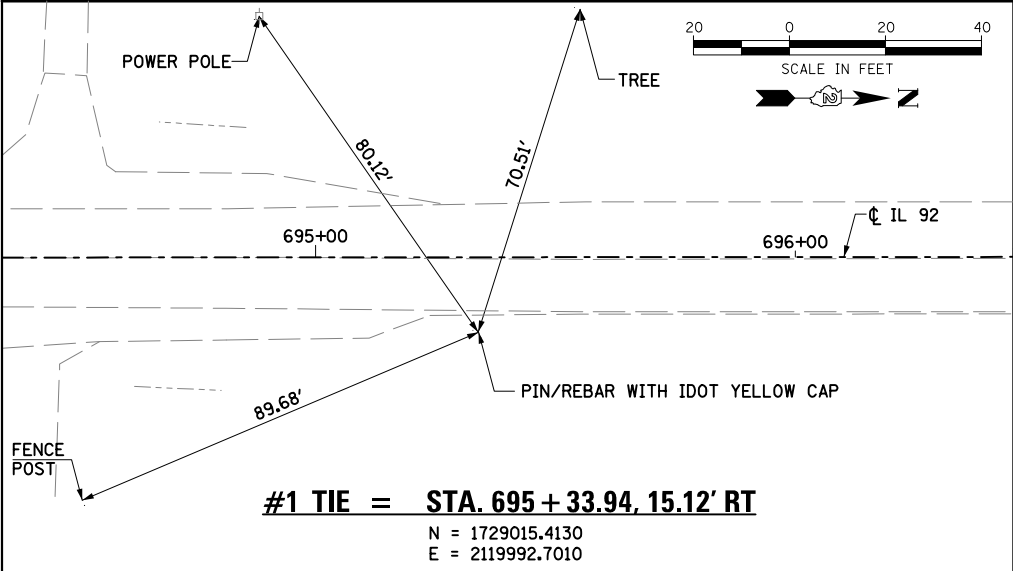
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	PLOTTED	
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	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
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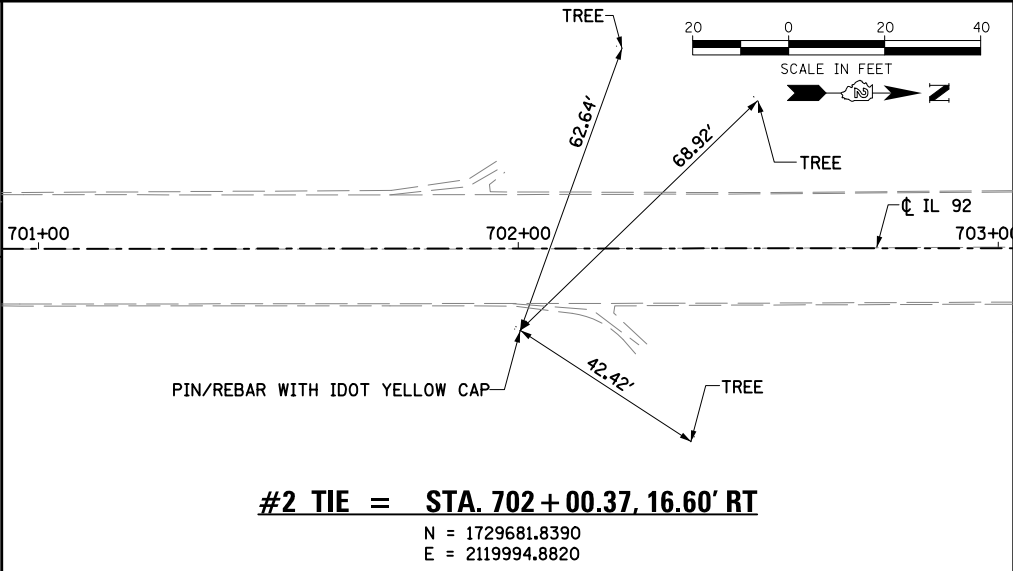


**BENCHMARKS:**

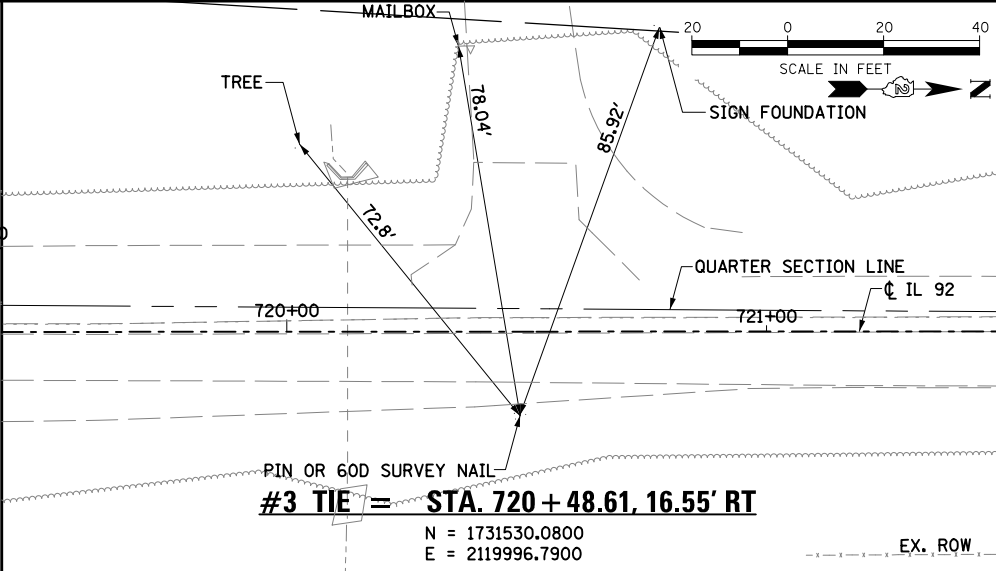
BM #416 CHISELED SQUARE ON HEADWALL STA. 720+11.47, 32.84' LT ELEV. = 672.75 N = 1731492.9880 E = 2119947.3530	BM #418 CHISELED SQUARE ON WEST HUD GUARD OF BRIDGE STA. 734+25.09, 26.04' LT ELEV. = 633.12 N = 1732906.6050 E = 2119955.6540	BM #419 R.O.W. MARKER STA. 738+85.93, 48.44' RT ELEV. = 654.73 N = 1733367.3630 E = 2120030.6130
--	---	--



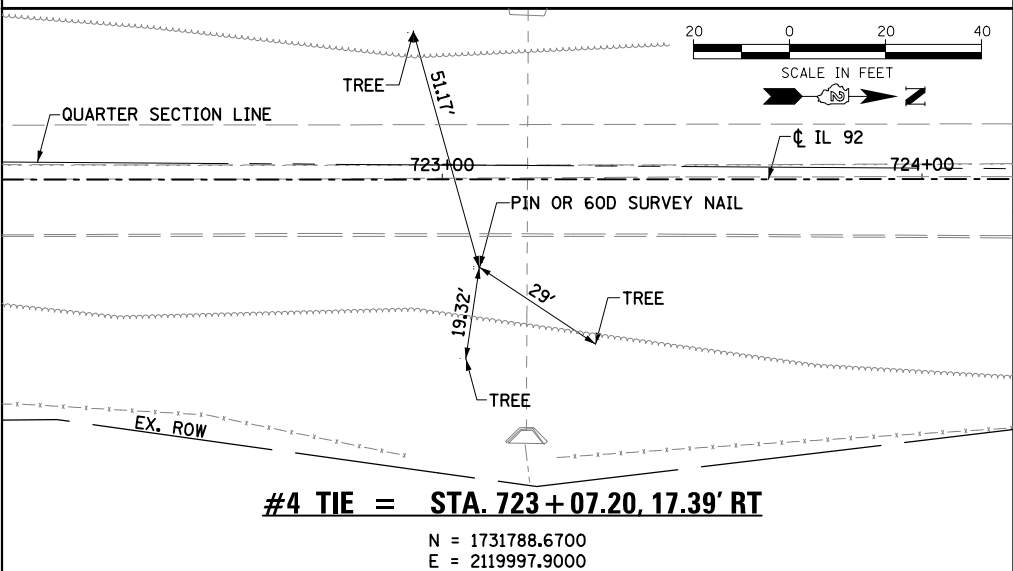
**#1 TIE = STA. 695 + 33.94, 15.12' RT**  
N = 1729015.4130  
E = 2119992.7010



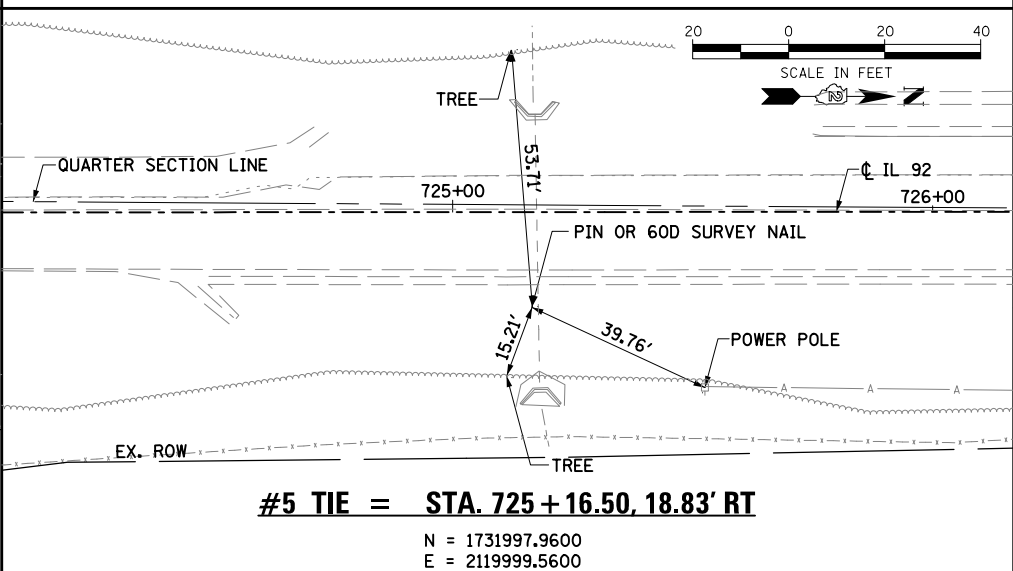
**#2 TIE = STA. 702 + 00.37, 16.60' RT**  
N = 1729681.8390  
E = 2119994.8820



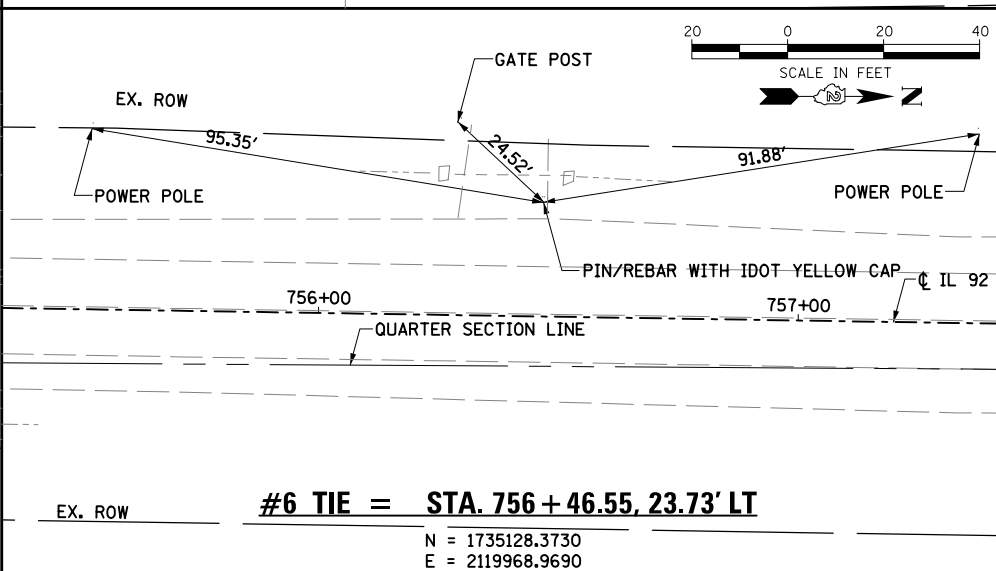
**#3 TIE = STA. 720 + 48.61, 16.55' RT**  
N = 1731530.0800  
E = 2119996.7900



**#4 TIE = STA. 723 + 07.20, 17.39' RT**  
N = 1731788.6700  
E = 2119997.9000



**#5 TIE = STA. 725 + 16.50, 18.83' RT**  
N = 1731997.9600  
E = 2119999.5600



**#6 TIE = STA. 756 + 46.55, 23.73' LT**  
N = 1735128.3730  
E = 2119968.9690

FILE NAME = D:\200807-shk.tie-01.dgn



USER NAME = mszmur-lo	DESIGNED KAC	REVISED
PLOT SCALE = 200.0000' / 1" =	DRAWN KMB	REVISED
PLOT DATE = 6/19/2013	CHECKED KAC	REVISED
	DATE 05-03-2013	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 92 OVER BIG BRANCH CREEK ALIGNMENT, TIES AND BENCHMARKS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

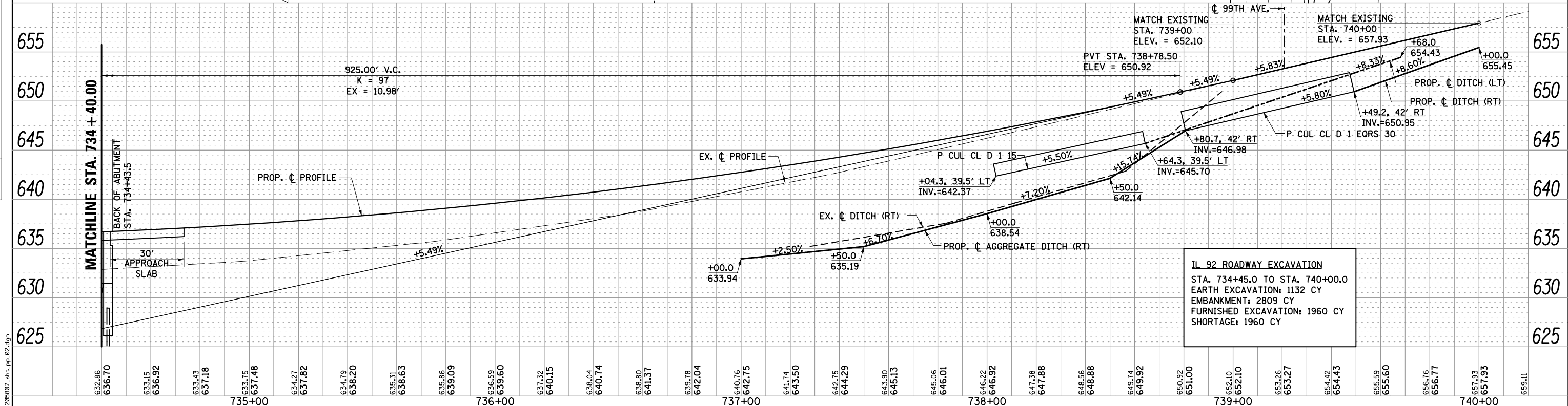
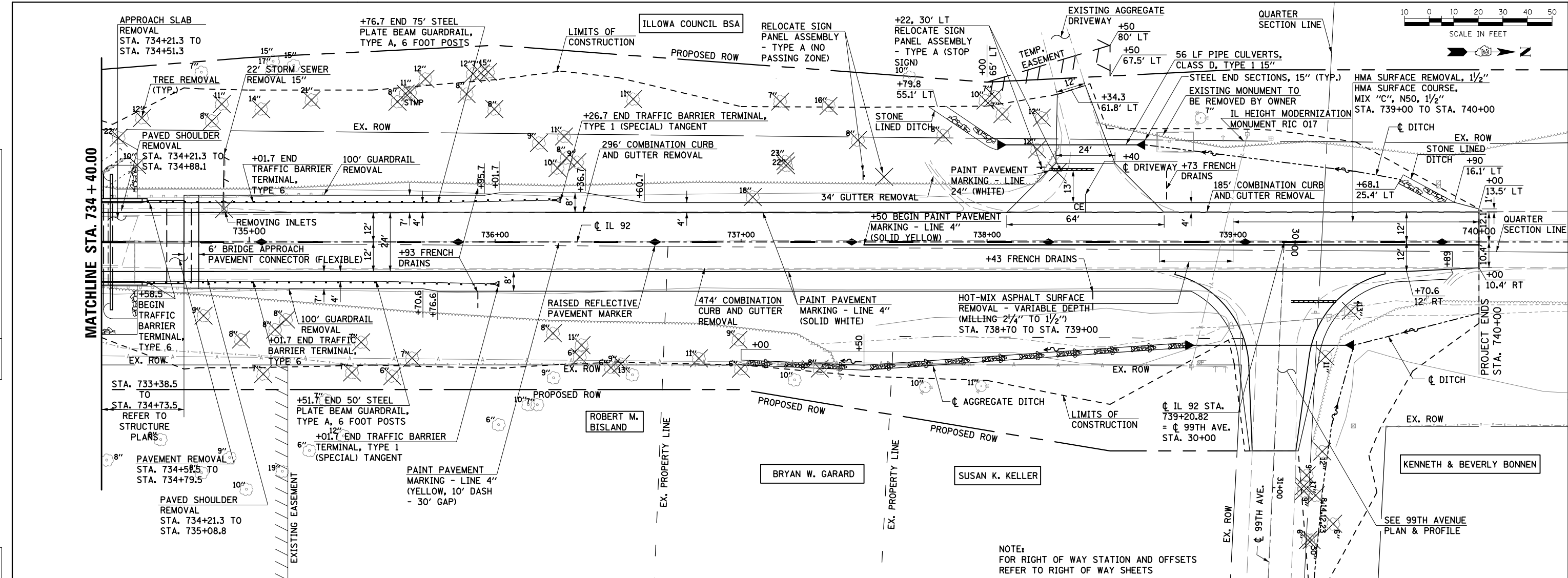
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	20
CONTRACT NO. 64D18			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

MATCHLINE STA. 726 + 00



DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	DESIGNED
	NOTED
	FILED
	NO.
	NO.
	NO.
	NO.

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES
	CHECKED
	STRUCTURE
	NOTED
	CHKD
	NO.
	NO.
	NO.
	NO.



**IL 92 ROADWAY EXCAVATION**  
 STA. 734+45.0 TO STA. 740+00.0  
 EARTH EXCAVATION: 1132 CY  
 EMBANKMENT: 2809 CY  
 FURNISHED EXCAVATION: 1960 CY  
 SHORTAGE: 1960 CY

FILE NAME = D206907\_sht-pp-02.dgn



USER NAME = mszmur-lo	DESIGNED KAC	REVISED
	DRAWN KMB	REVISED
PLOT SCALE = 40.0000' / in.	CHECKED KAC	REVISED
PLOT DATE = 6/19/2013	DATE 05-03-2013	REVISED

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

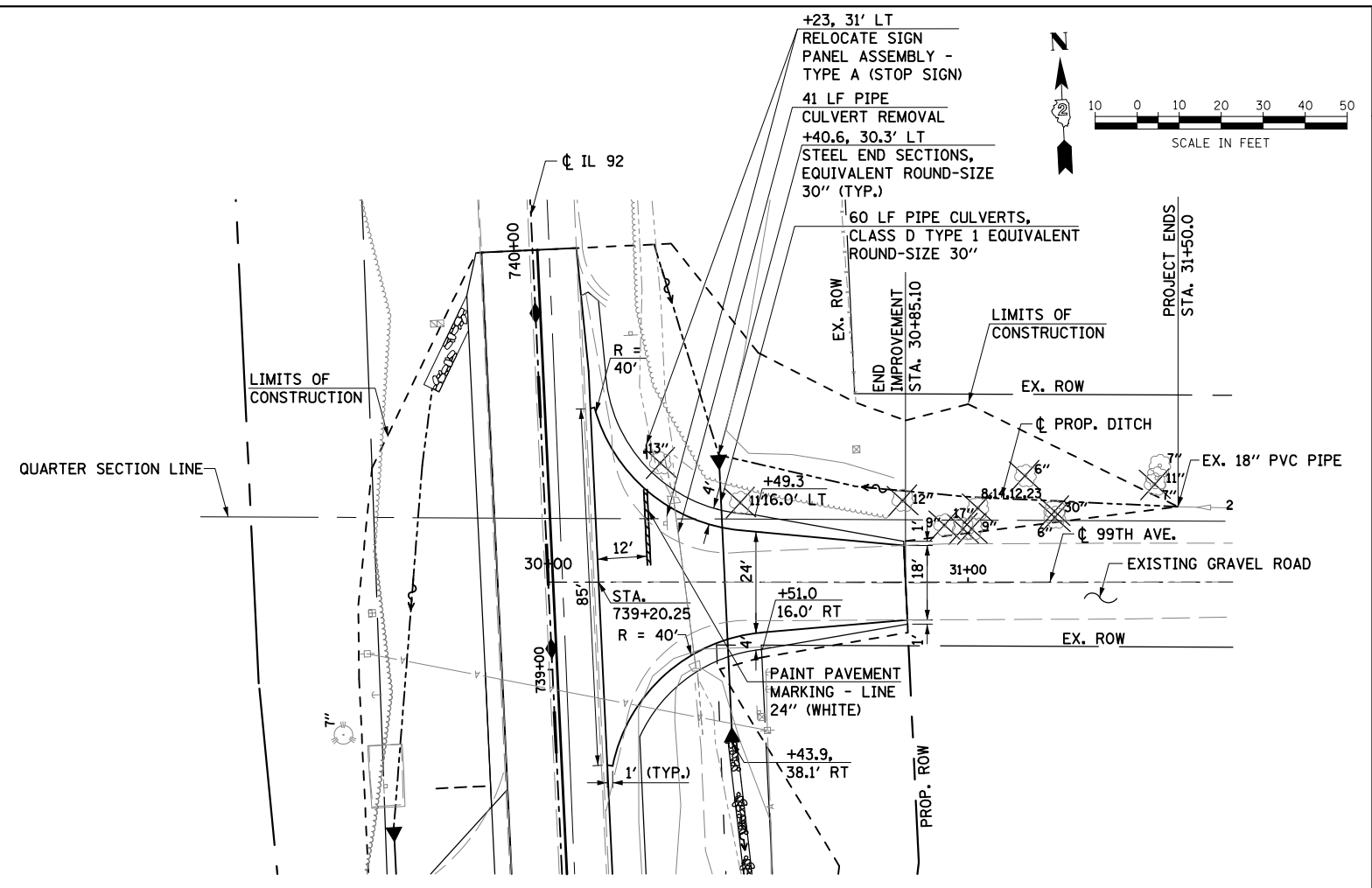
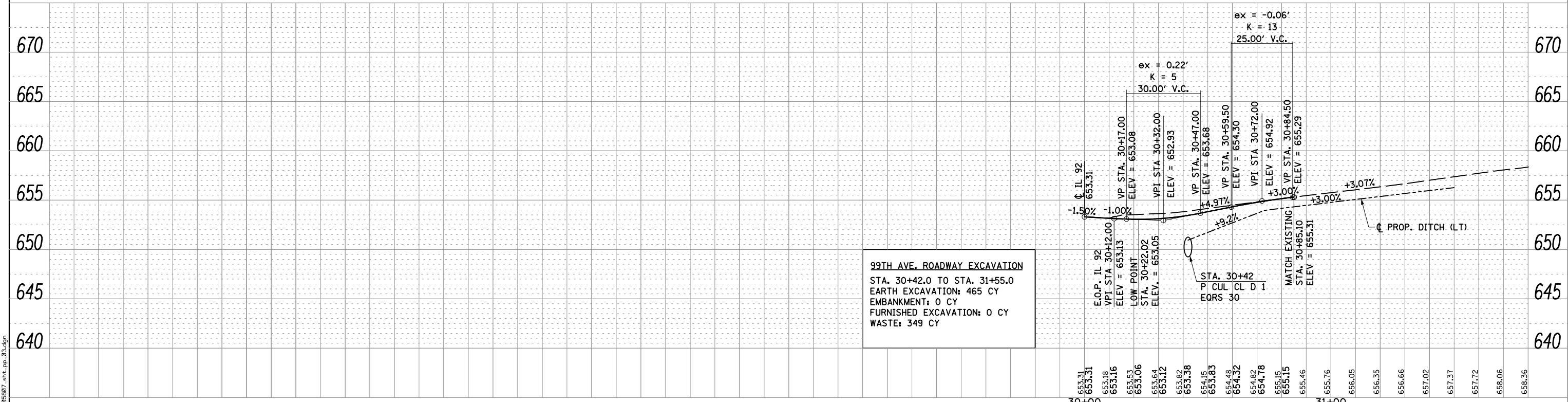
**IL 92 OVER BIG BRANCH CREEK**  
**IL 92 PLAN & PROFILE**  
 SCALE: 1" = 20' SHEET NO. 2 OF 2 SHEETS STA. 734+40 TO STA. 740+40

F.A.P. RTE. 599	SECTION 103MFT-BR	COUNTY ROCK ISLAND	TOTAL SHEETS 88	SHEET NO. 22
CONTRACT NO. 64D18			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
NOTE BOOK NO.	CARD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	NOTATIS CHECKED	



NOTE:  
 FOR RIGHT OF WAY STATION AND OFFSETS  
 REFER TO RIGHT OF WAY SHEETS

FILE NAME = D206007\_ahc\_pp\_03.dgn



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	DRAWN KMB	REVISED
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PLOT DATE = 6/19/2013	DATE 05-03-2013	REVISED

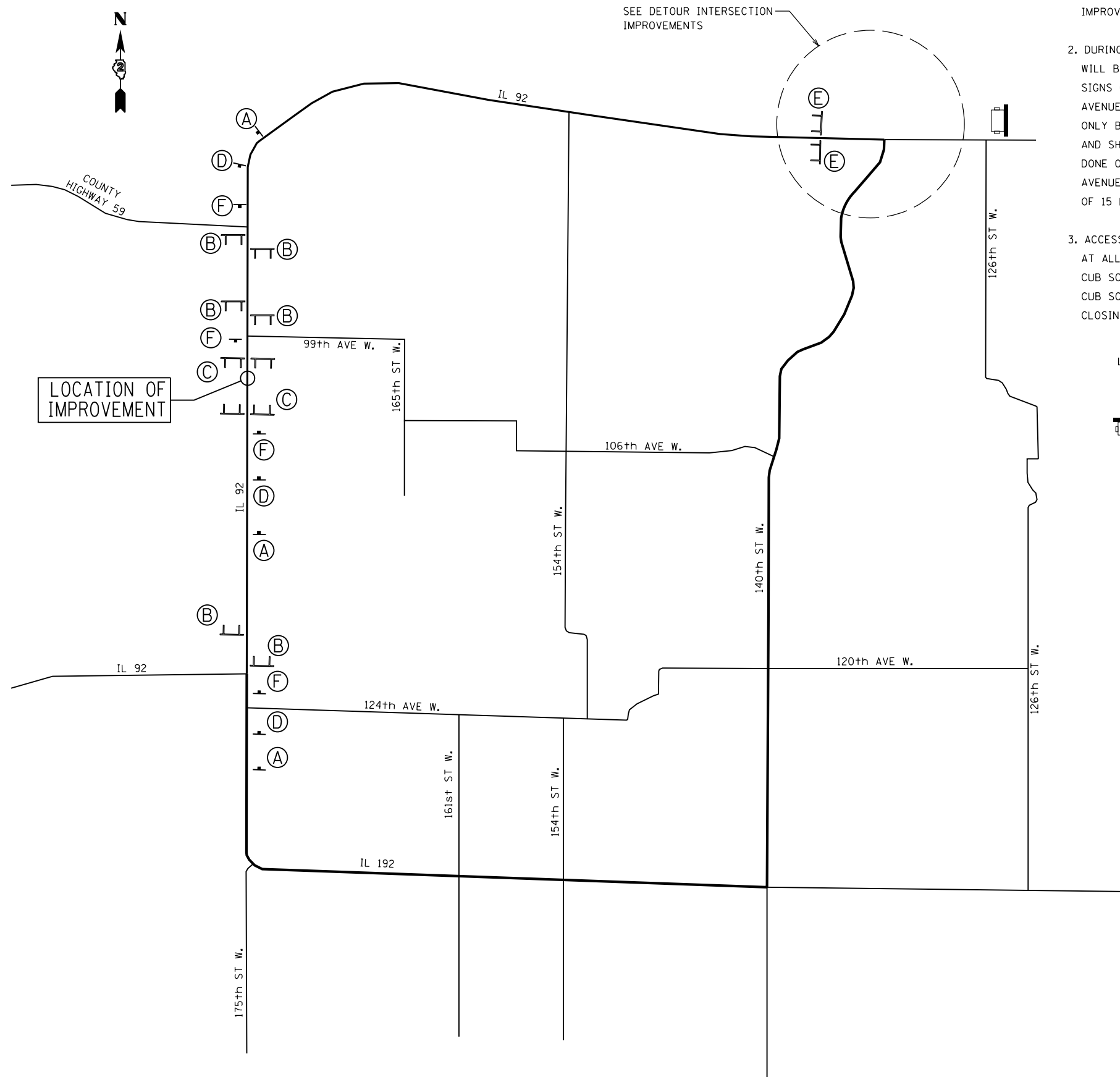
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IL 92 OVER BIG BRANCH CREEK 99TH AVE PLAN & PROFILE			
SCALE: 1" = 20'	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE. 599	SECTION 103MFT-BR	COUNTY ROCK ISLAND	TOTAL SHEETS 88	SHEET NO. 23
CONTRACT NO. 64D18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



SEE DETOUR INTERSECTION IMPROVEMENTS



LOCATION OF IMPROVEMENT

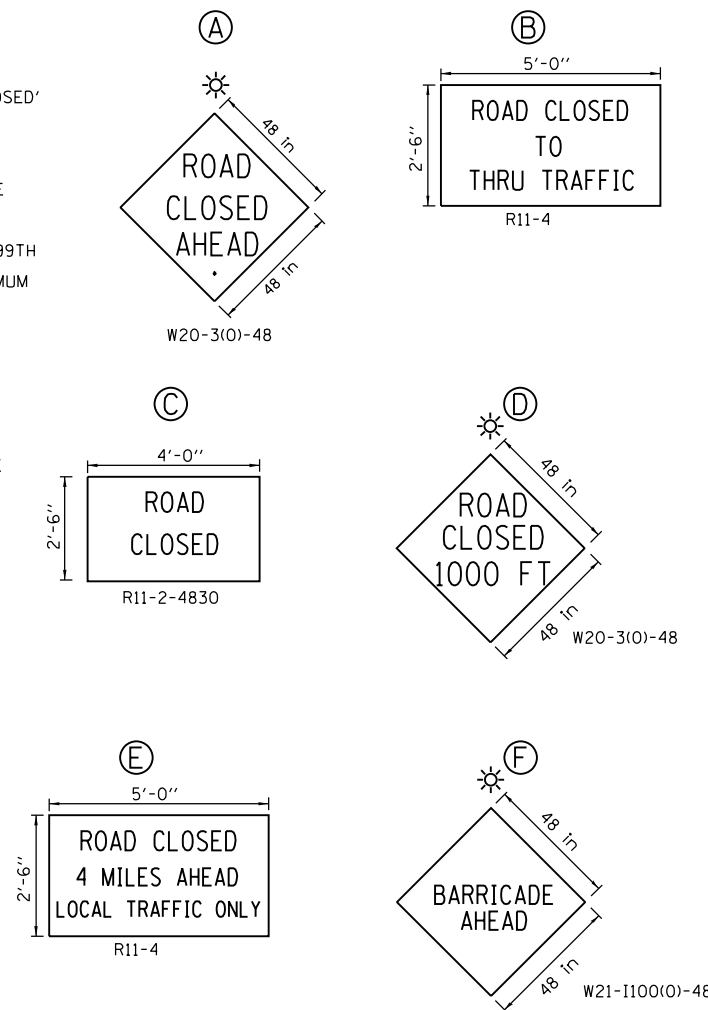
NOTES:

- SEE SHEETS THREE AND FOUR FOR INTERSECTION IMPROVEMENTS AT IL 92 AND 140TH STREET.
- DURING 99TH AVENUE RECONSTRUCTION, 99TH AVENUE WILL BE CLOSED TO THROUGH TRAFFIC AND 'ROAD CLOSED' SIGNS (R11-2-4830) SHALL BE PLACED AT THE 99TH AVENUE IMPROVEMENT LIMITS. 99TH AVENUE SHALL ONLY BE CLOSED TO COMPLETE WORK ON 99TH AVENUE AND SHALL NOT BE CLOSED WHEN NO WORK IS BEING DONE ON 99TH AVENUE. THE TOTAL LENGTH OF TIME 99TH AVENUE IS CLOSED SHALL BE RESTRICTED TO A MAXIMUM OF 15 DAYS.
- ACCESS TO CUB SCOUT ROAD SHALL BE MAINTAINED AT ALL TIMES EXCEPT DURING RECONSTRUCTION OF CUB SCOUT ROAD. DURING THE RECONSTRUCTION OF CUB SCOUT ROAD THE CONTRACTOR SHALL COORDINATE CLOSINGS WITH THE PROPERTY OWNER.

LEGENDS:

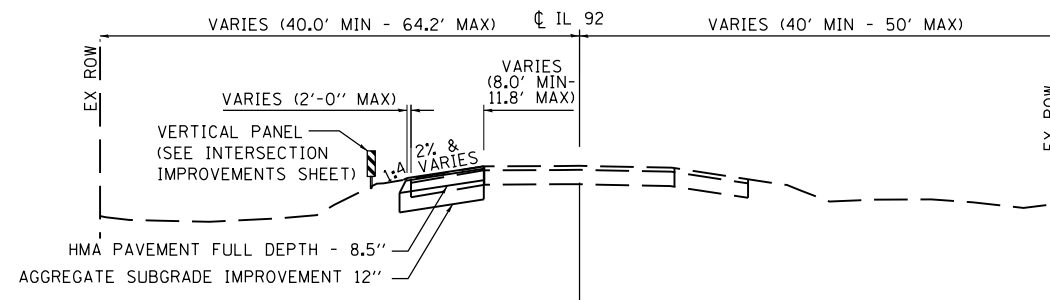
- SIGN
- CHANGEABLE MESSAGE SIGN FOR 2 WEEKS
- TYPE III BARRICADE

CONTRACTOR FURNISHED SIGNS



USER NAME = Fred 576	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/19/2013	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	24
CONTRACT NO. 64D18			ILLINOIS FED. AID PROJECT	

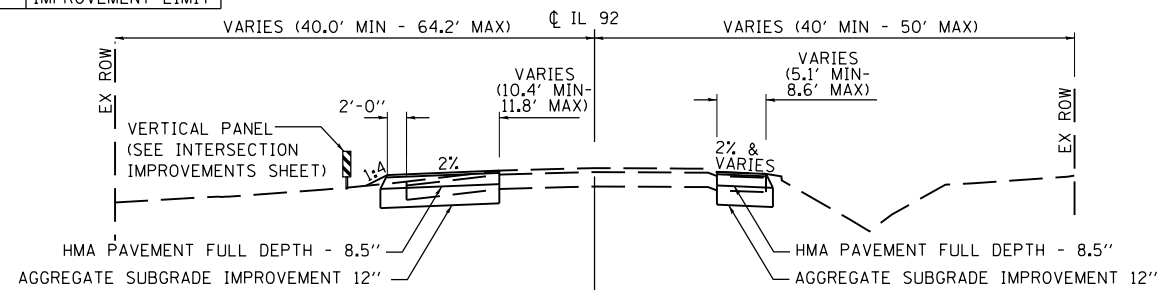


**PROPOSED TYPICAL SECTION**

STA. 946+50 TO 947+29 & 949+00 TO 949+73 LT  
 STA. 946+50 TO 947+29 & STA. 949+00 TO 949+21 RT

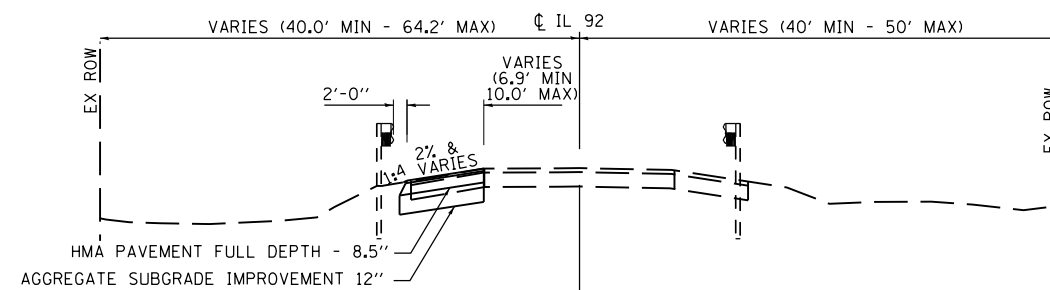
LEFT SIDE SLOPE TRANSITIONS		
STATION	CROSS SLOPE	NOTE
944+50	MATCH EXISTING	IMPROVEMENT LIMIT
945+25	2%	
947+00	2%	
949+50	2%	
951+20	MATCH EXISTING	IMPROVEMENT LIMIT

RIGHT SIDE SLOPE TRANSITIONS		
STATION	CROSS SLOPE	NOTE
948+36	2%	
948+80	2%	
949+00	MATCH EXISTING	IMPROVEMENT LIMIT



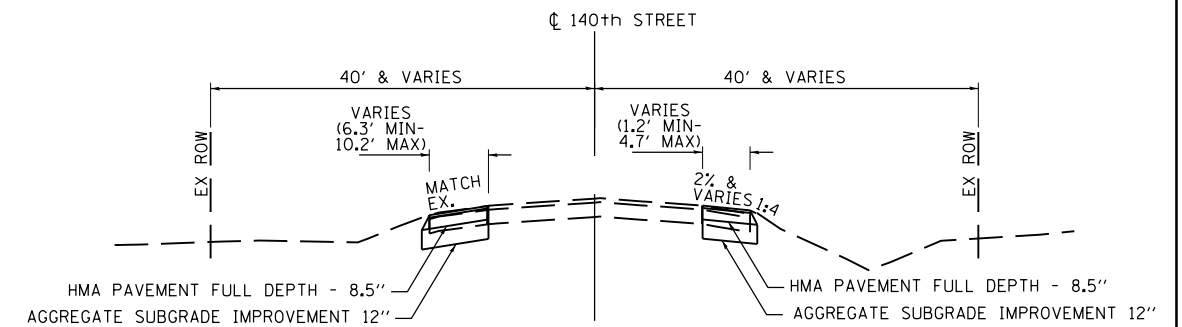
**PROPOSED TYPICAL SECTION**

STA. 947+29 TO 949+50 LT  
 STA. 947+29 TO 949+00 RT



**PROPOSED TYPICAL SECTION**

STA. 949+73 TO 950+00 LT  
 STA. 949+21 TO 950+00 RT



**PROPOSED TYPICAL SECTION**

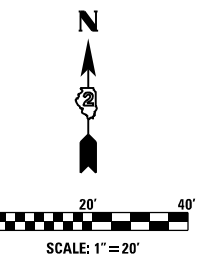
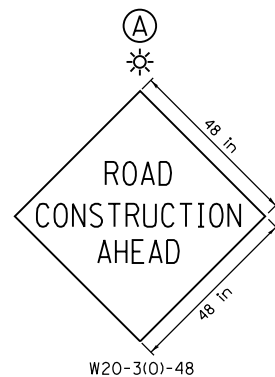
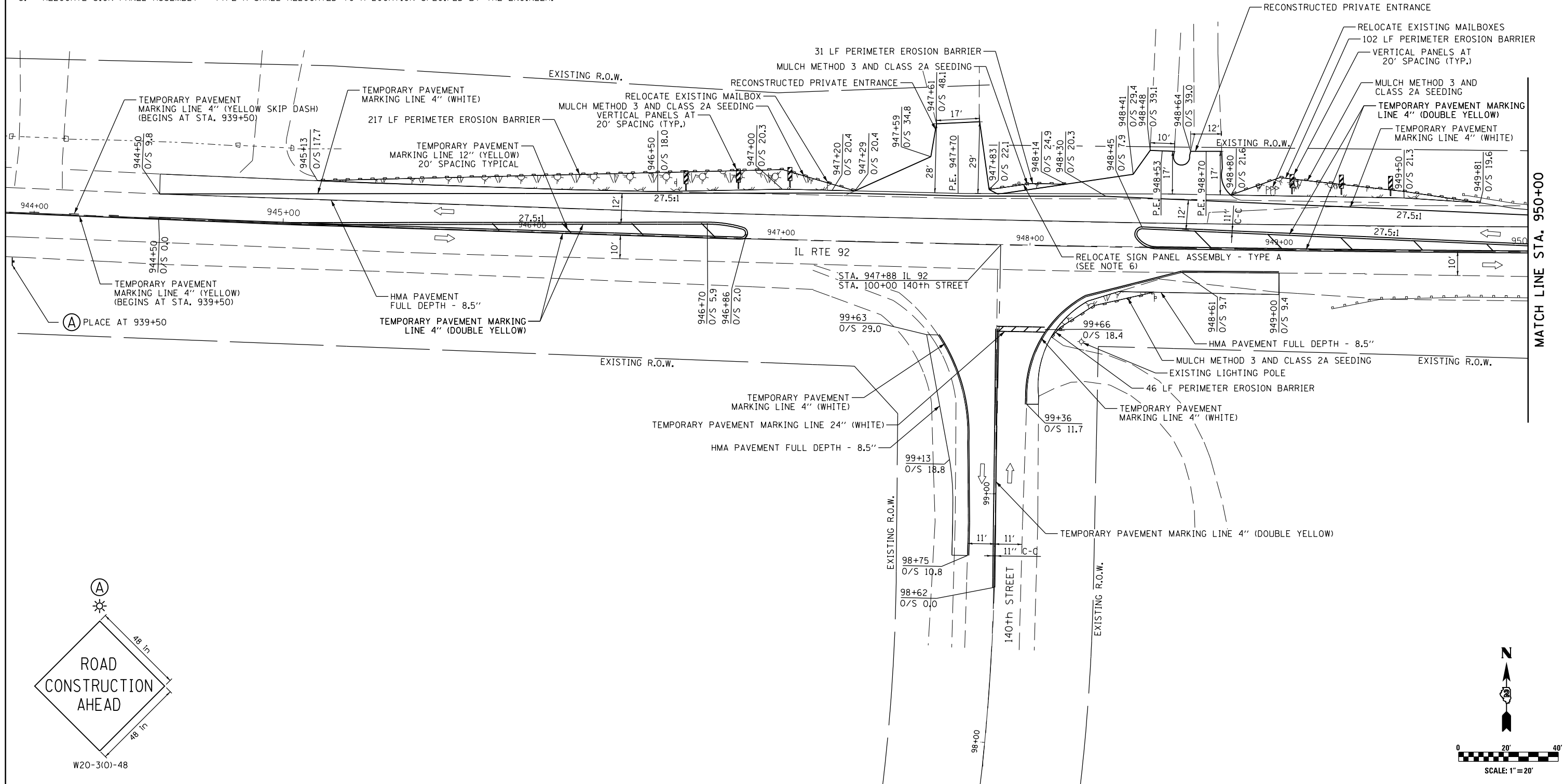
STA. 98+75 TO 99+63 LT  
 STA. 99+36 TO 99+82 RT

- PLACE HMA PAVEMENT FULL DEPTH - 8.5" AS SHOWN ON THE INTERSECTION IMPROVEMENTS PLAN SHEET.

RIGHT SIDE SLOPE TRANSITIONS		
STATION	CROSS SLOPE	NOTE
99+36	MATCH EXISTING	IMPROVEMENT LIMIT
99+82	2%	

NOTES:

1. REMOVE EXISTING SHOULDER AND PLACE HMA PAVEMENT FULL-DEPTH AS SHOWN IN THE PLANS UNDER HIGHWAY STANDARD 701326. REMOVE CONFLICTING PAVEMENT MARKINGS AT IL 92 / 140th STREET INTERSECTION AND APPLY TEMPORARY PAVEMENT MARKINGS AS SHOWN IN THE PLANS UNDER 701326.
2. AFTER PROJECT COMPLETION REMOVE DETOUR SIGNAGE/BARRICADES. REMOVE TEMPORARY PAVEMENT MARKINGS AND REAPPLY PERMANENT PAVEMENT MARKINGS TO CORRESPOND TO EXISTING PAVEMENT MARKING CONFIGURATION AT IL 92 / 140th STREET INTERSECTION UNDER HIGHWAY STANDARD 701201.
3. HMA PAVEMENT FULL DEPTH SHALL CONSIST OF 1.5" HOT-MIX ASPHALT SURFACE COURSE WITH 7" HOT-MIX ASPHALT BINDER COURSE.
4. RECONSTRUCTED PRIVATE ENTRANCES SHALL CONSIST OF 8" AGGREGATE BASE COURSE TYP B AND 2" INCIDENTAL HOT-MIX ASPHALT SURFACING.
5. RELOCATE SIGN PANEL ASSEMBLY - TYPE A SHALL BE RELOCATED TO A LOCATION SPECIFIED BY THE ENGINEER.



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Consulting Engineers  
Chatham, Illinois

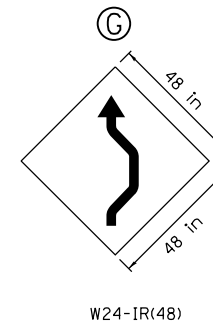
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

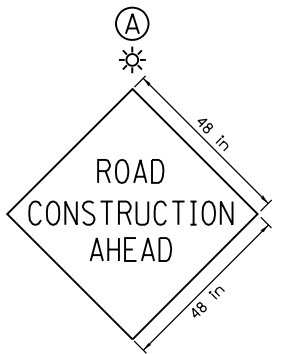
**IL 92 OVER BIG BRANCH CREEK  
ROAD CLOSURE / INTERSECTION IMPROVEMENTS**

SCALE: 1"=20'      SHEET NO. 1 OF 2 SHEETS      STA. TO STA.

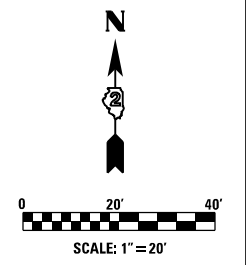
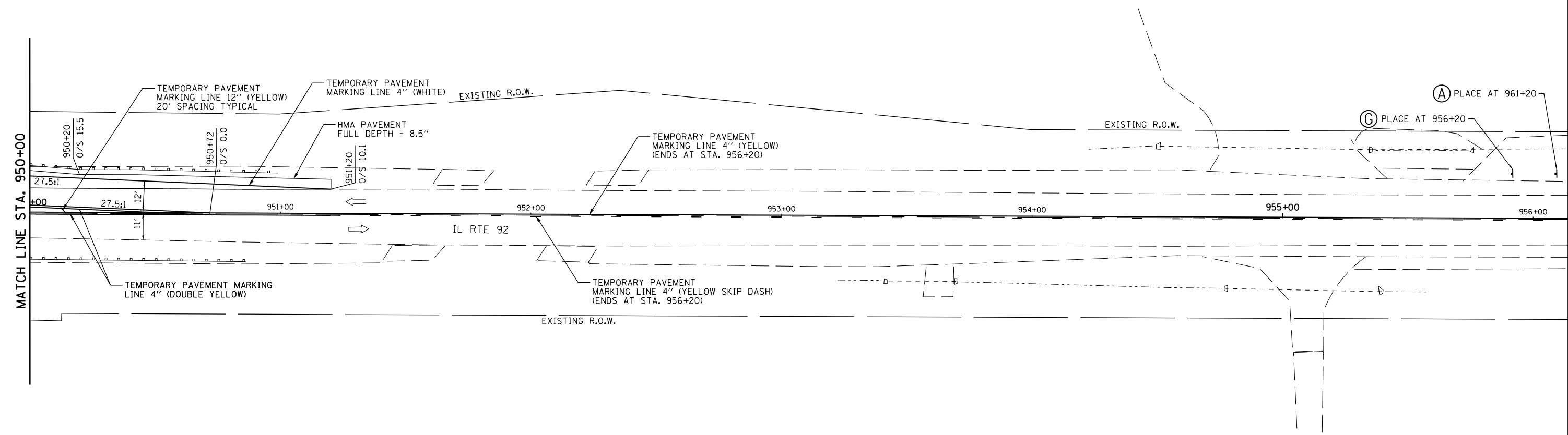
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	26
CONTRACT NO. 64D18				
ILLINOIS FED. AID PROJECT				



W24-1R(48)



W20-3(O)-48



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Consulting Engineers  
Chatham, Illinois

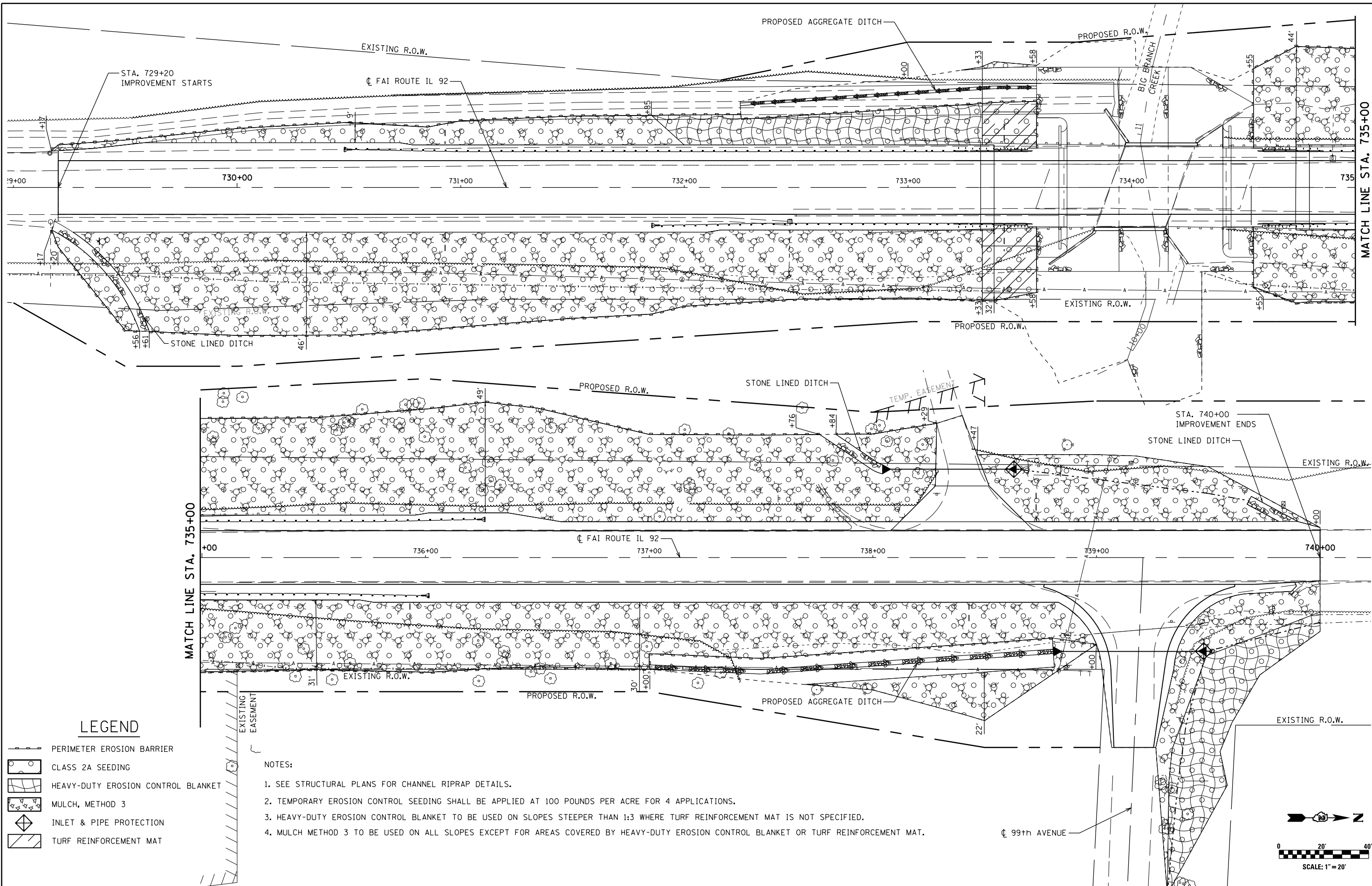
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PLOT DATE = *DATE*	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 92 OVER BIG BRANCH CREEK  
ROAD CLOSURE / INTERSECTION IMPROVEMENTS**

SCALE: 1"=20'    SHEET NO. 2 OF 2 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	27
CONTRACT NO. 64D18				
ILLINOIS FED. AID PROJECT				

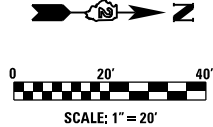


**LEGEND**

- PERIMETER EROSION BARRIER
- CLASS 2A SEEDING
- HEAVY-DUTY EROSION CONTROL BLANKET
- MULCH, METHOD 3
- INLET & PIPE PROTECTION
- TURF REINFORCEMENT MAT

**NOTES:**

1. SEE STRUCTURAL PLANS FOR CHANNEL RIPRAP DETAILS.
2. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT 100 POUNDS PER ACRE FOR 4 APPLICATIONS.
3. HEAVY-DUTY EROSION CONTROL BLANKET TO BE USED ON SLOPES STEEPER THAN 1:3 WHERE TURF REINFORCEMENT MAT IS NOT SPECIFIED.
4. MULCH METHOD 3 TO BE USED ON ALL SLOPES EXCEPT FOR AREAS COVERED BY HEAVY-DUTY EROSION CONTROL BLANKET OR TURF REINFORCEMENT MAT.



**LE** LIN ENGINEERING, LTD.  
Consulting Engineers  
Chatham, Illinois

USER NAME = Fred 576	DESIGNED - GRE	REVISED -
	DRAWN - GRE	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED - ST	REVISED -
PLOT DATE = 6/19/2013	DATE - 04/20/13	REVISED -

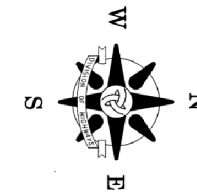
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=20'	SHEET NO. 1 OF 1 SHEETS	STA. 729+50 TO STA. 740+00
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**IL 92 OVER BIG BRANCH CREEK  
EROSION CONTROL PLAN**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	28
CONTRACT NO. 64D18				
ILLINOIS FED. AID PROJECT				

# Township 17 North, Range 4 West of the 4th Principal Meridian



DATE	
BY	
PLAN	
NO.	
NO.	
NO.	
NO.	
NO.	
NO.	
NO.	

DATE	
BY	
PROFILE	
NO.	
NO.	
NO.	
NO.	
NO.	
NO.	
NO.	

FD. 5/8" REBAR W/ 100T SECTION CORNER CAP PER MON. REC. NO. 2006-14854  
 N 1730860.535 E 2117317.245  
 2661.49' LT 713+76.69

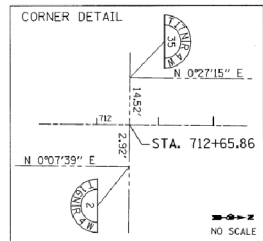
FD. STEEL SURVEY NAIL PER MON. REC. NO. 2006-14854  
 N 1730747.217 E 2119981.558  
 2.91' RT 712+65.73  
 59.40' LT 712+63.33

FD. 1/2" SO. PIN PER MON. REC. DOC. NO. 810904  
 N 1730633.759 E 2122649.169  
 2670.63' RT 711+54.64

**SURVEYOR'S STATEMENT**  
 I, JIMMY D. ROSE, ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2775, DO HEREBY STATE THAT THE SURVEY OF PROPOSED FA ROUTE 599 WAS MADE BY ME, OR UNDER MY DIRECTION THAT THE LAND CORNER TIES SHOWN HEREON, ARE A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND THAT THE PLAT DEPICTED HEREON IS IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE LAND ACQUISITION POLICIES AND PROCEDURES MANUAL OF THE DEPARTMENT'S DISTRICT POLICIES.  
 I FURTHER STATE THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
 DATED \_\_\_\_\_  
 BY \_\_\_\_\_  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2775  
 JIMMY D. ROSE  
 LICENSE EXPIRES 11/30/2014

**DRAWER 40 FOLDER 9**

FILE NAME = G:\PANDP\Jon\19205607\19-92-036-07Rev\ParcelPlat.dgn	USER NAME = kimguyn	DESIGNED -	REVISED 4/10/2013 - PARCEL 001
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

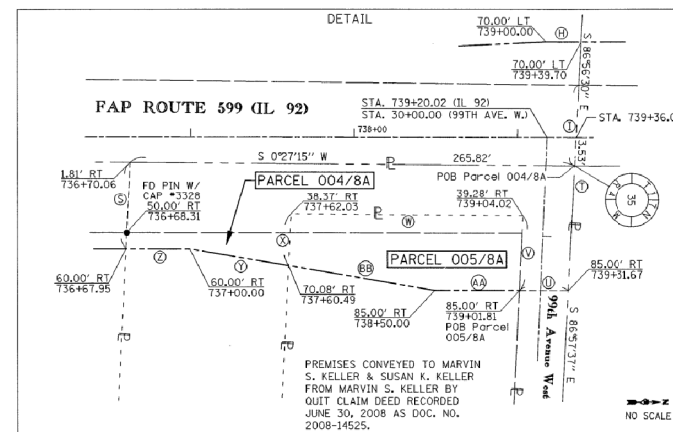


**LINE TABLE**

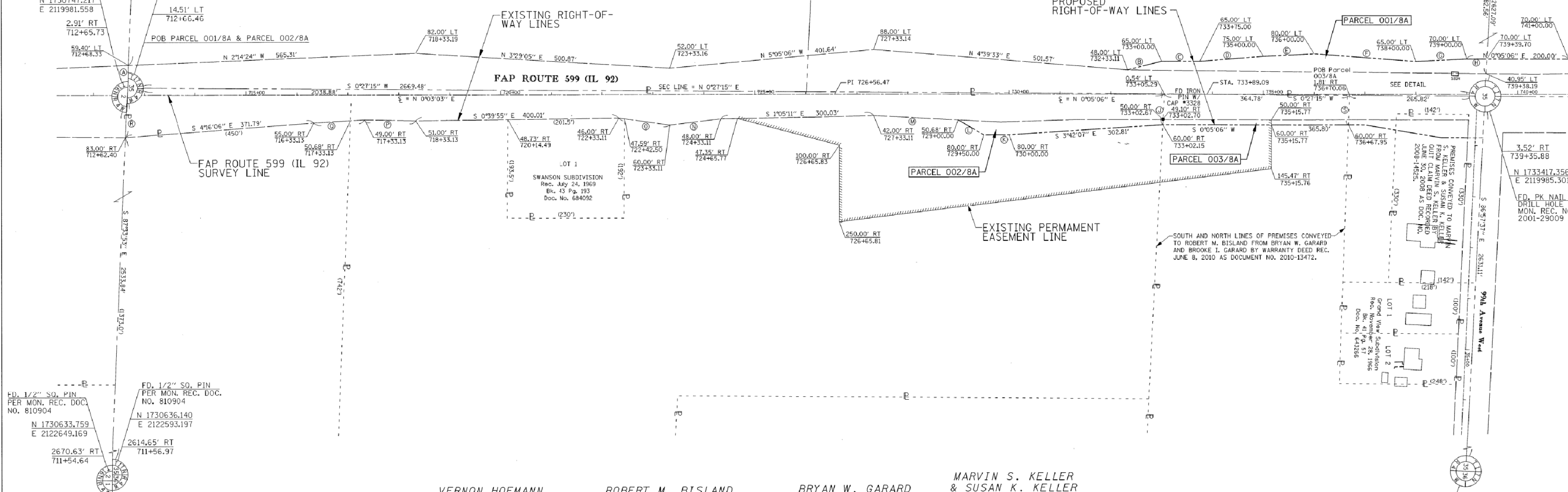
① N 87°33'53" W 44.93'	⑩ S 87°01'14" W 100.98'
② N 147°02'29" W 65.02'	⑪ S 11°14'49" W 100.02'
③ N 0°05'06" E 75.00'	⑫ S 3°22'58" E 100.18'
④ N 42°29'20" W 125.40'	⑬ N 87°33'53" W 97.59'
⑤ N 246°39' W 100.12'	⑭ S 87°49'56" E 58.23'
⑥ N 42°22'27" E 200.56'	⑮ S 86°57'37" E 81.58'
⑦ N 246°39' W 100.12'	⑯ S 0°05'06" W 29.86'
⑧ N 0°05'06" E 39.70'	⑰ N 87°08'45" W 45.77'
⑨ S 86°56'30" E 44.53'	⑱ S 0°27'15" W 142.00'
⑲ S 86°57'00" E 60.82'	⑳ S 87°08'45" E 31.75'
⑳ S 0°05'06" W 50.00'	㉑ S 9°32'50" W 61.33'
㉒ S 30°28'26" W 57.96'	㉒ S 0°05'06" W 32.05'
㉓ S 3°03'42" W 167.12'	㉓ S 0°05'06" W 51.81'
㉔ S 6°47'31" E 100.72'	㉔ S 9°32'50" W 90.74'

**ILLOWA COUNCIL, INC.  
 BOY SCOUTS OF AMERICA**  
 PARCEL 001/8A 0.892 AC.

PART OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER, THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER AND THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 35, TOWNSHIP 17 NORTH, RANGE 4 WEST OF THE 4TH P.M.  
 Total Area 277.172 AC.  
 Total Area Required 5.113 AC.  
 Area In Exist. Rdwy. 4.221 AC.  
 Net Area Required 0.892 AC.  
 Area Remaining 272.059 AC.



FOR THE PURPOSE OF THIS PLAT THE WEST LINE OF THE SOUTHWEST QUARTER OF SECTION 35 HAS BEEN ASSIGNED A BEARING OF N 0°27'15" E.  
 ALL COORDINATES, BEARINGS AND DISTANCES SHOWN ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT #2, AND 83 (2007 ADJUSTMENT).  
 DISTANCES SHOWN ARE GRID DISTANCES. DIVIDE GRID DISTANCE BY 0.99994183 TO OBTAIN GROUND DISTANCE.



**VERNON HOFMANN**  
 PARCEL 002/8A 0.177 AC.

PART OF THE SOUTHWEST QUARTER OF SECTION 35, TOWNSHIP 17 NORTH, RANGE 4 WEST OF THE 4TH P.M.  
 Total Area 131.742 AC.  
 Total Area Required 2.997 AC.  
 Area In Exist. Rdwy. 2.820 AC.  
 Net Area Required 0.177 AC.  
 Area Remaining 128.745 AC.  
 Area In Permanent Easement 0.177 AC.

**ROBERT M. BISLAND**  
 PARCEL 003/8A 0.084 AC.

PART OF THE SOUTHWEST QUARTER OF SECTION 35, TOWNSHIP 17 NORTH, RANGE 4 WEST OF THE 4TH P.M.  
 Total Area 24.830 AC.  
 Total Area Required 0.498 AC.  
 Area In Exist. Rdwy. 0.414 AC.  
 Net Area Required 0.084 AC.  
 Area Remaining 24.332 AC.  
 Area In Permanent Easement 0.049 AC.

**BRYAN W. GARARD**  
 PARCEL 004/8A 0.029 AC.

PART OF THE SOUTHWEST QUARTER OF SECTION 35, TOWNSHIP 17 NORTH, RANGE 4 WEST OF THE 4TH P.M.  
 Total Area 1.133 AC.  
 Total Area Required 0.305 AC.  
 Area In Exist. Rdwy. 0.276 AC.  
 Net Area Required 0.029 AC.  
 Area Remaining 0.828 AC.

**MARVIN S. KELLER & SUSAN K. KELLER**  
 PARCEL 005/8A 0.099 AC.

PART OF THE SOUTHWEST QUARTER OF SECTION 35, TOWNSHIP 17 NORTH, RANGE 4 WEST OF THE 4TH P.M.  
 Total Area 1.076 AC.  
 Total Area Required 0.135 AC.  
 Area In Exist. Rdwy. 0.036 AC.  
 Net Area Required 0.099 AC.  
 Area Remaining 0.941 AC.

**NOT TO SCALE - FOR REFERENCE ONLY**

**ILLINOIS DEPARTMENT OF TRANSPORTATION  
 RIGHT-OF-WAY PLAT**

FAP RTE 599 (IL 92)	SECTION 35	COUNTY ROCK ISLAND	JOB# R-92-036-07
SEC 103MFT-BR	T17N, R4W, OF 4TH P.M.	PROJECT#	
SCALE: 100 FT	SHEET NO. 8A	STA 712+00 TO STA 740+00	CONTRACT NO. LA3-01237

APR 24 2013



USER NAME = mszmurlo	DESIGNED KAC	REVISED
	DRAWN KMB	REVISED
PLOT SCALE = 2.0000' / in.	CHECKED KAC	REVISED
PLOT DATE = 6/19/2013	DATE 05-03-2013	REVISED

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 92 OVER BIG BRANCH CREEK  
 RIGHT OF WAY SHEETS (FOR REFERENCE)**

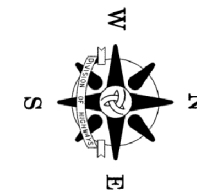
SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	29
CONTRACT NO. 64D18				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FILE NAME = D:\200907-shk-rw-bl.dgn

PREPARED BY: AMENT, INC.  
 4715 - 15TH STREET A  
 MOLINE, IL 61265  
 309-762-3617  
 IL PROF DESIGN FIRM NO. 184-002495

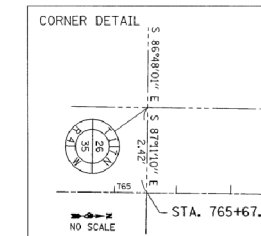
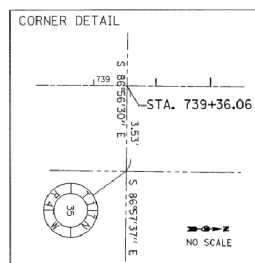
# Township 17 North, Range 4 West of the 4th Principal Meridian



FOR THE PURPOSE OF THIS PLAT THE EAST LINE OF THE NORTHWEST QUARTER OF SECTION 35 HAS BEEN ASSIGNED A BEARING OF N 0°27'11" E.  
 ALL COORDINATES, BEARINGS AND DISTANCES SHOWN ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT #2, MADE BY 1007 ADJUSTMENT.  
 DISTANCES SHOWN ARE GRID DISTANCES. DIVIDE GRID DISTANCE BY 0.999941853 TO OBTAIN GROUND DISTANCE.

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILED		
	NO. _____		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOT THIS CHKD		
	NO. _____		

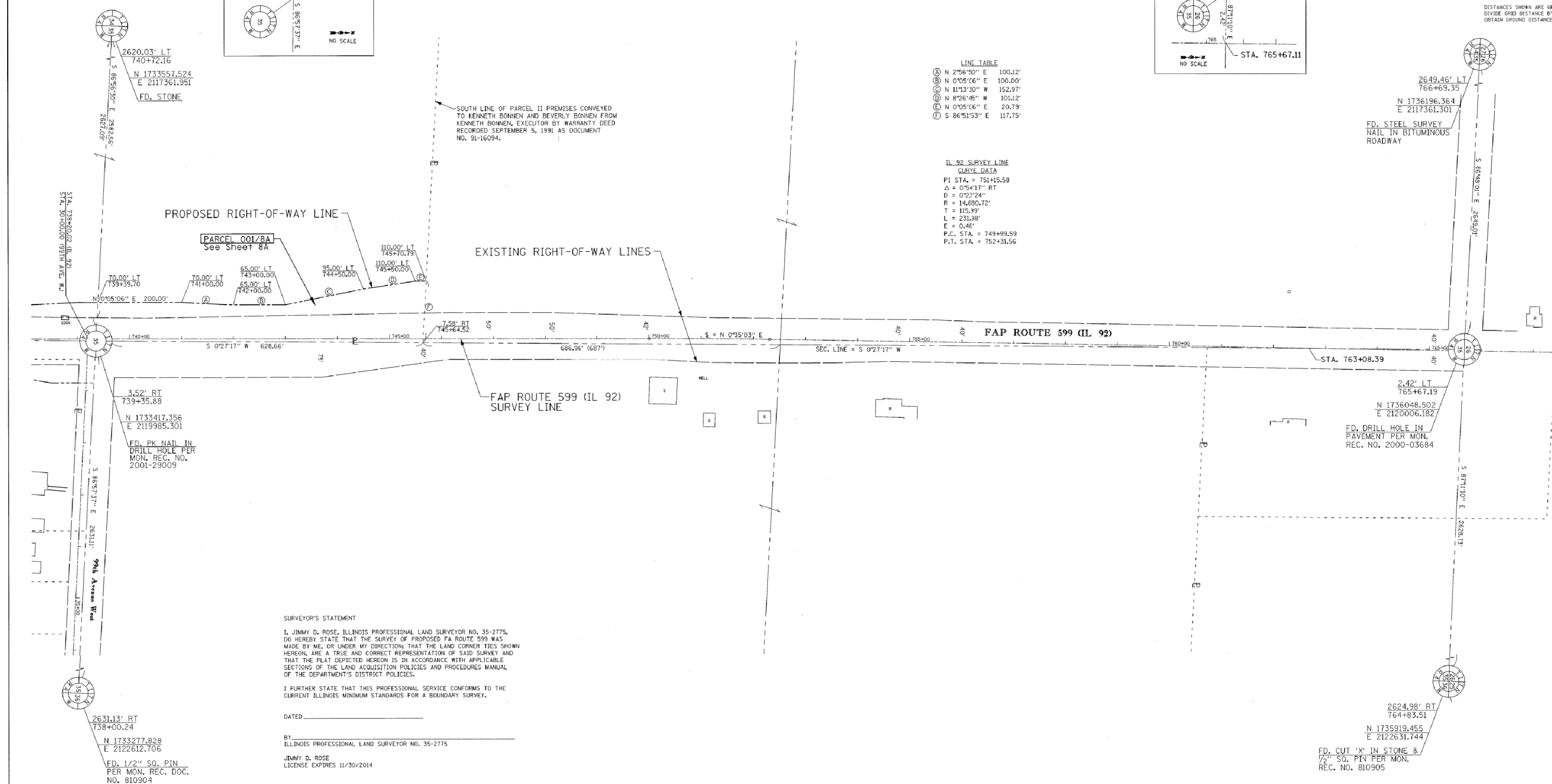


LINE TABLE

Ⓐ	N 2°56'50" E	100.12'
Ⓑ	N 0°05'06" E	100.00'
Ⓒ	N 11°13'30" W	152.97'
Ⓓ	N 8°26'48" W	101.12'
Ⓔ	N 0°05'06" E	20.79'
Ⓕ	S 86°51'33" E	117.75'

IL 92 SURVEY LINE CURVE DATA

PI STA.	= 751+15.58
Δ	= 0°54'17" RT
D	= 0°23'24"
R	= 14,690.72'
T	= 115.99'
L	= 231.298'
E	= 0.46'
P.C. STA.	= 749+99.59
P.T. STA.	= 752+31.56



**SURVEYOR'S STATEMENT**

I, JIMMY D. ROSE, ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2775, DO HEREBY STATE THAT THE SURVEY OF PROPOSED FAP ROUTE 599 WAS MADE BY ME, OR UNDER MY DIRECTION, THAT THE LAND CORNER TIES SHOWN HEREON, ARE A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY AND THAT THE PLAT DEPICTED HEREON IS IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE LAND ACQUISITION POLICIES AND PROCEDURES MANUAL OF THE DEPARTMENT'S DISTRICT POLICIES.

I FURTHER STATE THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DATED \_\_\_\_\_

BY  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2775

JIMMY D. ROSE  
 LICENSE EXPIRES 11/30/2014

DRAWER 40 FOLDER 9

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		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**NOT TO SCALE - FOR REFERENCE ONLY**

**ILLINOIS DEPARTMENT OF TRANSPORTATION  
 RIGHT-OF-WAY PLAT**

FAP RTE 599 (IL 92)	SECTION 35	COUNTY ROCK ISLAND	JOB# R-92-036-07
SEC 103MFT-BR	T17N, R4W, OF 4TH P.M.	PROJECT#	
SCALE: 100 FT	SHEET NO. 2	STA 739+00	TO STA 766+00 CONTRACT NO. LA3-01237

PREPARED BY: AMENT, INC.  
 4715 - 15TH STREET A  
 MOLINE, IL 61265  
 309-762-3617  
 IL PROF DESIGN FIRM NO. 184-002495

APR 24 2013



USER NAME = mszmurlo	DESIGNED KAC	REVISED
	DRAWN KMB	REVISED
	CHECKED KAC	REVISED
	DATE 05-03-2013	REVISED

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 92 OVER BIG BRANCH CREEK  
 RIGHT OF WAY SHEETS (FOR REFERENCE)**

SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.
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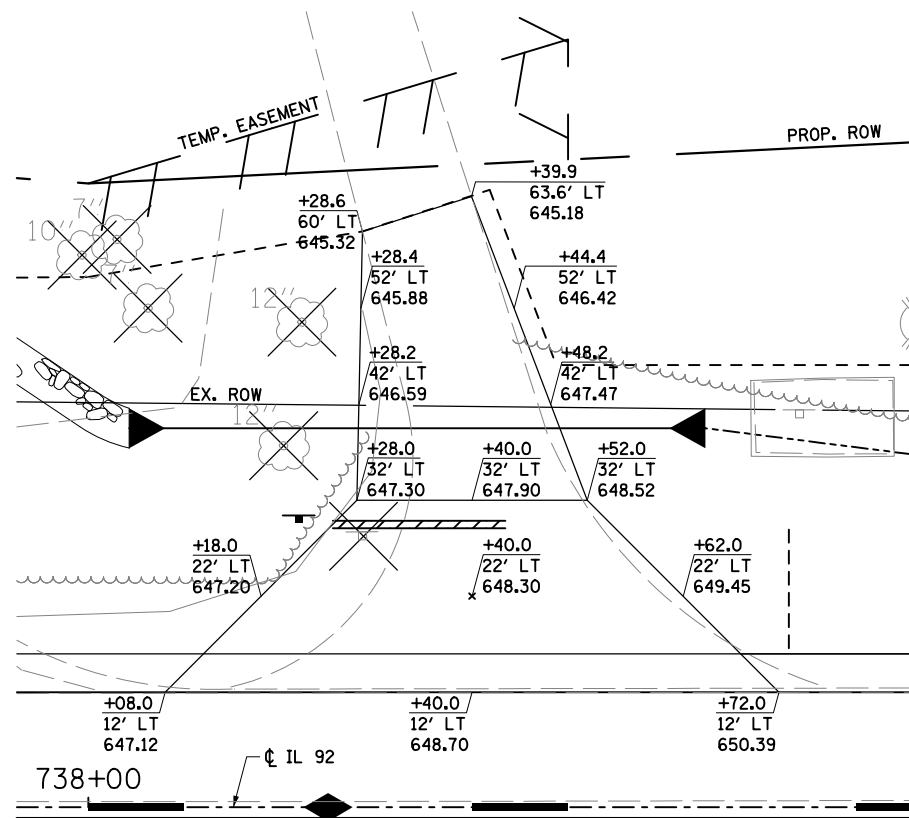
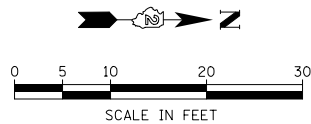
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	30
CONTRACT NO. 64D18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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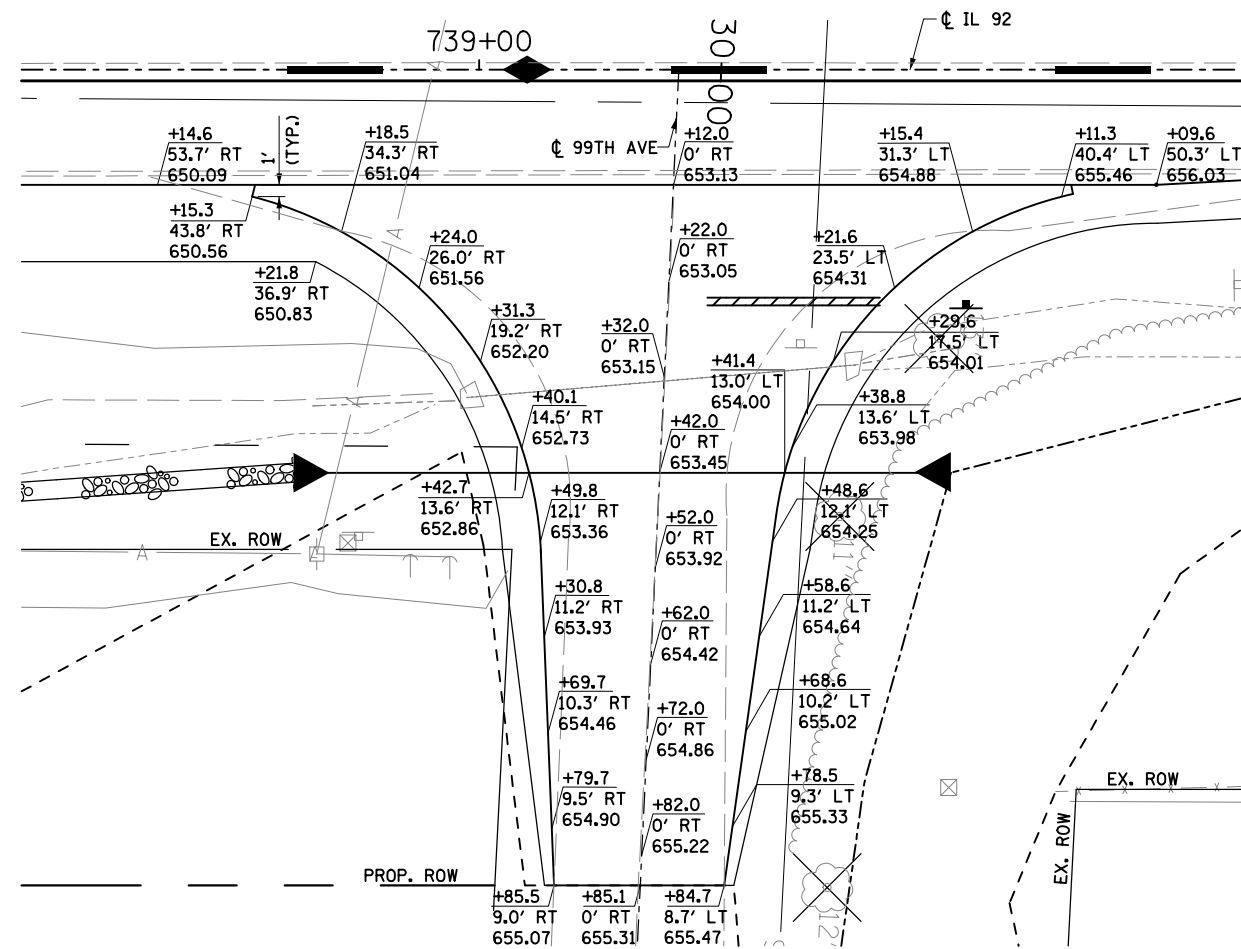
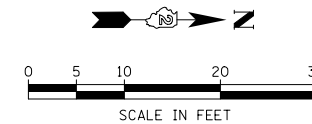


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	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	BY	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	BY	
	NO.	
	FILE NAME	



**INTERSECTION GRADING AT CUB SCOUT ROAD**



**INTERSECTION GRADING AT 99TH AVE.**

FILE NAME = D206907\_sht\_1.mxd



USER NAME = mszmurlo	DESIGNED KAC	REVISED
	DRAWN KMB	REVISED
PLOT SCALE = 20.0000' / in.	CHECKED KAC	REVISED
PLOT DATE = 6/19/2013	DATE 05-03-2013	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 92 OVER BIG BRANCH CREEK  
INTERSECTION GRADING**

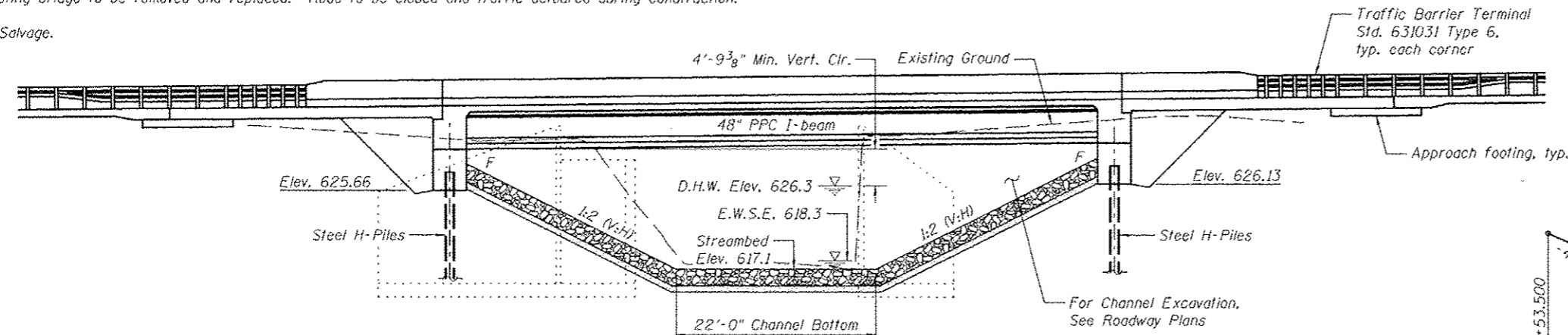
SCALE: 1" = 10' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	31
CONTRACT NO. 64D18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

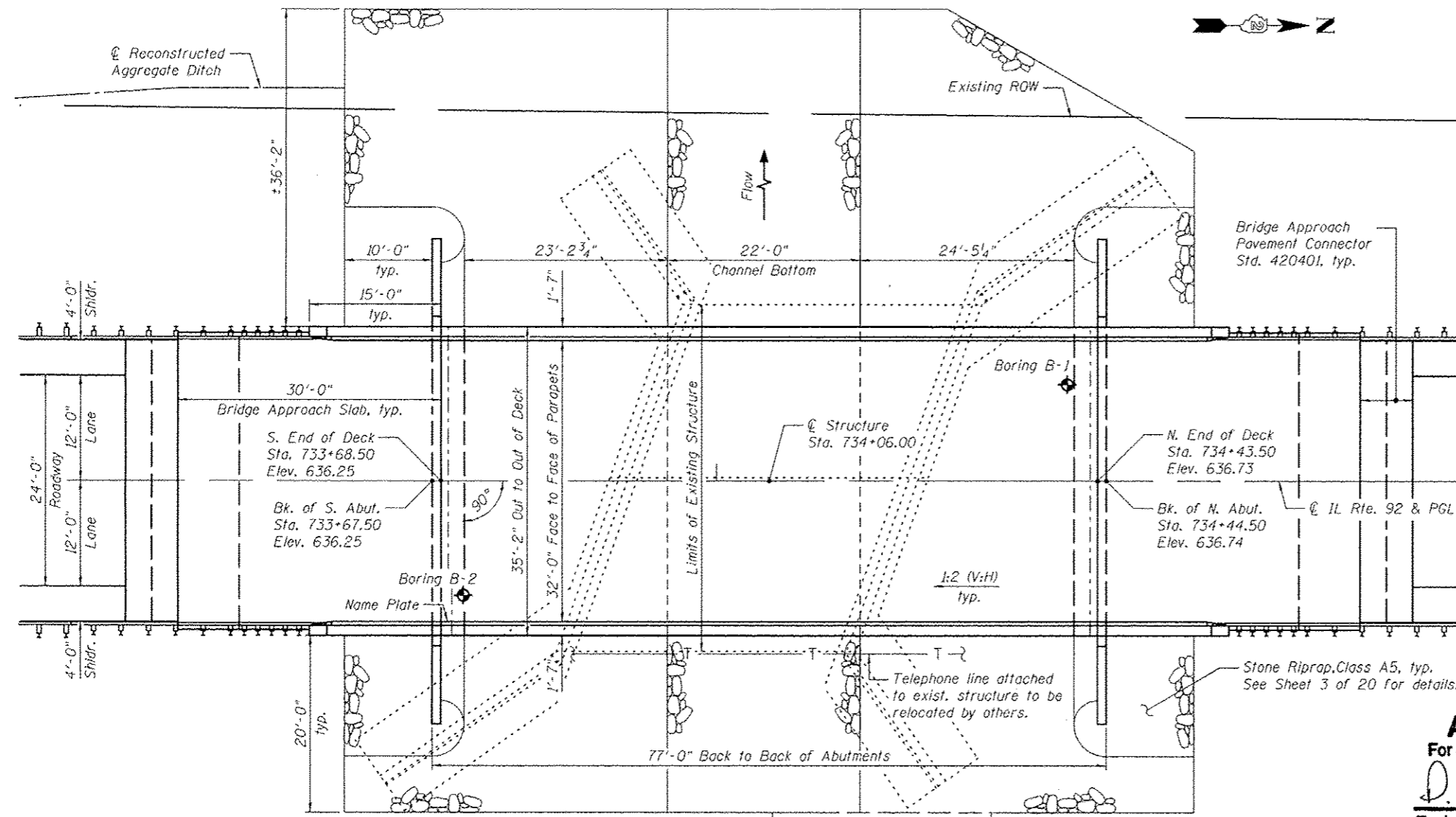
Bench Mark: Chiseled Square on the NW wingwall of the existing bridge, S.N. 081-0072 Elev: 633.12

Existing Structure: S.N. 081-0072, originally built in 1953, as F.A.S. Rt. 207 Section 103 at Station 727+10 as a single span reinforced concrete tee beam bridge with an overall length of 32'-1 1/2" back to back of abutments and a width of 36'-0" from face to face of curb. The bridge is built on a skew of 20 degrees left ahead. The closed abutments are restrained at the top and bottom and are supported on spread footings. Waterproofing membrane system placed on deck & bituminous overlay in 1975. Existing bridge to be removed and replaced. Road to be closed and traffic detoured during construction.

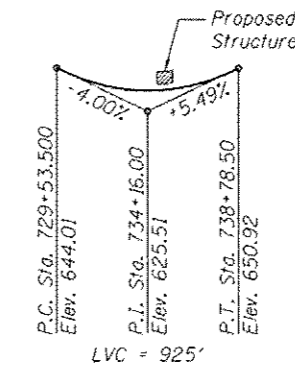
No Salvage.



**ELEVATION**



**PLAN**



**PROFILE GRADE**  
(along centerline roadway)

**LOADING HL-93**

Allow 50#/sq. ft. for future wearing surface.

**DESIGN SPECIFICATIONS**

AASHTO LRFD Bridge Design Specifications, 6th Edition with 2012 Interim Revisions

**DESIGN STRESSES**

**FIELD UNITS**

$f'_c = 3,500$  psi  
 $f_y = 60,000$  psi (Reinforcement)

**PRECAST PRESTRESSED UNITS**

$f'_c = 6,000$  psi  
 $f'_ci = 5,000$  psi  
 $f'_s = 270,000$  psi (1/2"  $\phi$  low lax strands)  
 $f_{si} = 201,960$  psi (1/2"  $\phi$  low lax strands)

**SEISMIC DATA**

Seismic Performance Zone (SPZ) = 1  
Design Spectral Acceleration at 1.0 sec. ( $S_{D1}$ ) = 0.061g  
Design Spectral Acceleration at 0.2 sec. ( $S_{D5}$ ) = 0.091g  
Soil Site Class = C

**DESIGN SCOUR ELEVATION TABLE**

Design Scour Elevation (ft.)	S. Abut. Elev.	N. Abut. Elev.
	625.66	626.13

**WATERWAY INFORMATION**

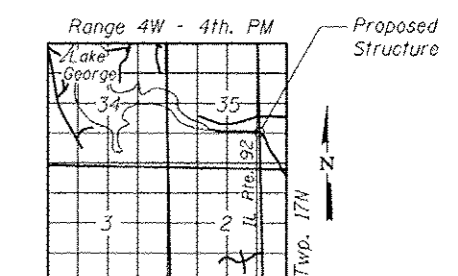
Drainage Area = 4.543 sq. mi. Exist. Low Grade Elev. 632.60 @ Sta. 733+50.00  
Prop. Low Grade Elev. 635.20 @ Sta. 733+21.29

Flood	Freq. Yr.	C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	10	1360	170.4	298.6	625.0	2.5	0.6	627.5	625.6
Base	50	2230	205.9	371.7	626.3	5.5	1.3	631.8	627.5
Overtopping	100	2640	216.8	395.5	626.7	6.2	1.5	632.9	628.3
Max. Calc.	500	3630	-	457.9	627.7	-	2.3	-	630.0

10 year velocity through Exist. Bridge = 9.89 fps  
10 year velocity through Prop. Bridge = 4.11 fps



Brian J. Malone  
DATE: 6-18-2013  
EXPIRES: 11-30-2014  
SHEETS: 32-51



**LOCATION SKETCH**

**APPROVED**  
For Structural Adequacy Only

*D. Carl Puryear*  
Engineer of Bridges & Structures

**GENERAL PLAN AND ELEVATION**  
**ILLINOIS ROUTE 92 OVER**  
**BIG BRANCH CREEK**  
**F.A.P. ROUTE 599 - SECTION 103 MFT-BR**  
**ROCK ISLAND COUNTY**  
**STATION 734+06.00**  
**STRUCTURE NO. 081-0196**

6/18/2013 1:06:22 PM 0810196-64018-001-CPER.dwg



DESIGNED - BJM	REVISD -
CHECKED - BRT	REVISD -
DRAWN - JNH	REVISD -
CHECKED - BJM	REVISD -

DESIGNED - BJM	REVISD -
CHECKED - BRT	REVISD -
DRAWN - JNH	REVISD -
CHECKED - BJM	REVISD -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

SHEET NO. 1 OF 20 SHEETS

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	32

CONTRACT NO. 64D18  
ILLINOIS FED. AID PROJECT

**GENERAL NOTES**

Reinforcement bars designated (E) shall be epoxy coated.

Layout of slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

Slipforming of the concrete parapet is not allowed.

Install pile foundations 10 days after full embankment placement to eliminate downdrag force.

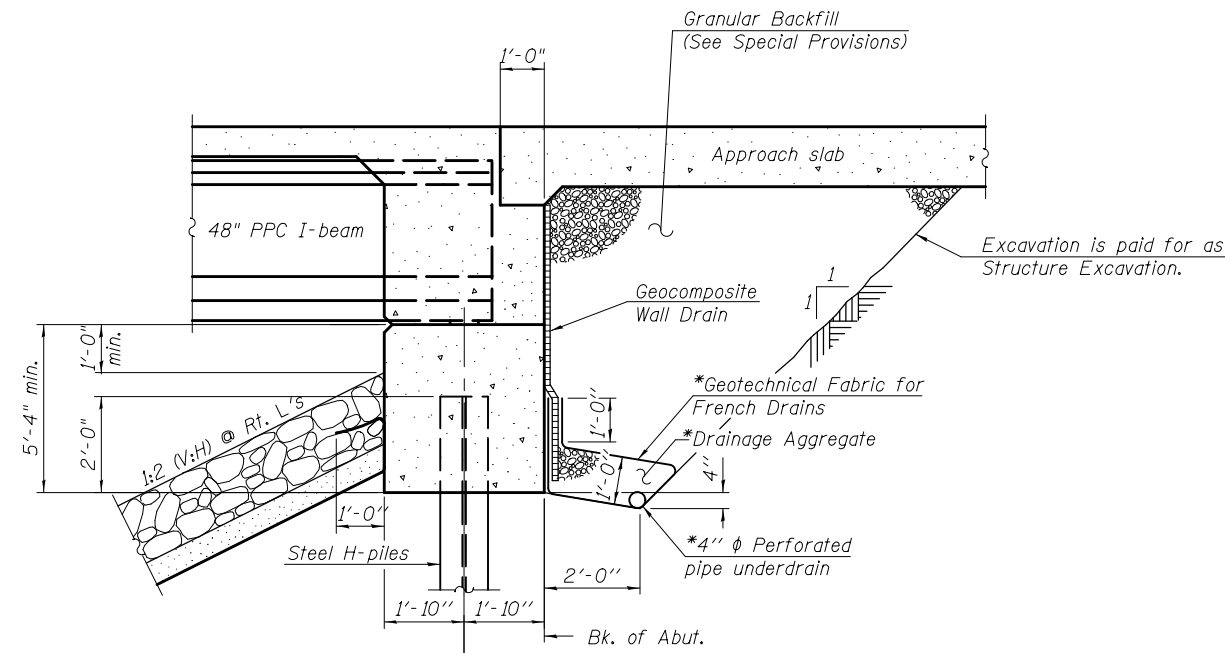
Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure.

**INDEX OF SHEETS**

- 1 General Plan and Elevation
- 2 General Data
- 3 Substructure Layout
- 4-6 Top of Slab Elevations
- 7 Top of South Approach Slab Elevations
- 8 Top of North Approach Slab Elevations
- 9 Superstructure
- 10 Superstructure Details
- 11 Diaphragm Details
- 12-13 Bridge Approach Slab Details
- 14 Framing Plan
- 15 48" PPC I-Beam
- 16 48" PPC I-Beam Details
- 17 South Abutment
- 18 North Abutment
- 19 HP Pile Details
- 20 Soil Boring Logs

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Riprap, Class A5	Sq. Yd.		1,120	1,120
Filter Fabric	Sq. Yd.		1,120	1,120
Removal of Existing Structures No. 1	Each			1
Structure Excavation	Cu. Yd.		184	184
Concrete Structures	Cu. Yd.		102.2	102.2
Concrete Superstructure	Cu. Yd.	199.3		199.3
Bridge Deck Grooving	Sq. Yd.	464		464
Protective Coat	Sq. Yd.	576		576
Furnishing and Erecting Precast Prestressed Concrete I-Beams, 48 in.	Foot	446		446
Reinforcement Bars, Epoxy Coated	Pound	46,080	14,460	60,540
Furnishing Steel Piles HP14X73	Foot		220	220
Driving Piles	Foot		220	220
Test Pile Steel HP14X73	Each		2	2
Pile Shoes	Each		12	12
Name Plates	Each	1		1
Geocomposite Wall Drain	Sq. Yd.		108	108
Granular Backfill for Structures	Cu. Yd.		220	220
Pipe Underdrains for Structures 4"	Foot		152	152



**SECTION THRU INTEGRAL ABUTMENT**

\*Included in the cost of Pipe Underdrains for Structures. (See Special Provisions)

Note:  
All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).

STATION 734+06.00  
BUILT 20\_\_ BY  
STATE OF ILLINOIS  
F.A.P. Rte. 599  
SEC. 103 MFT-BR  
LOADING HL-93  
STRUCTURE NO. 081-0196

**NAME PLATE**  
See Std. 515001

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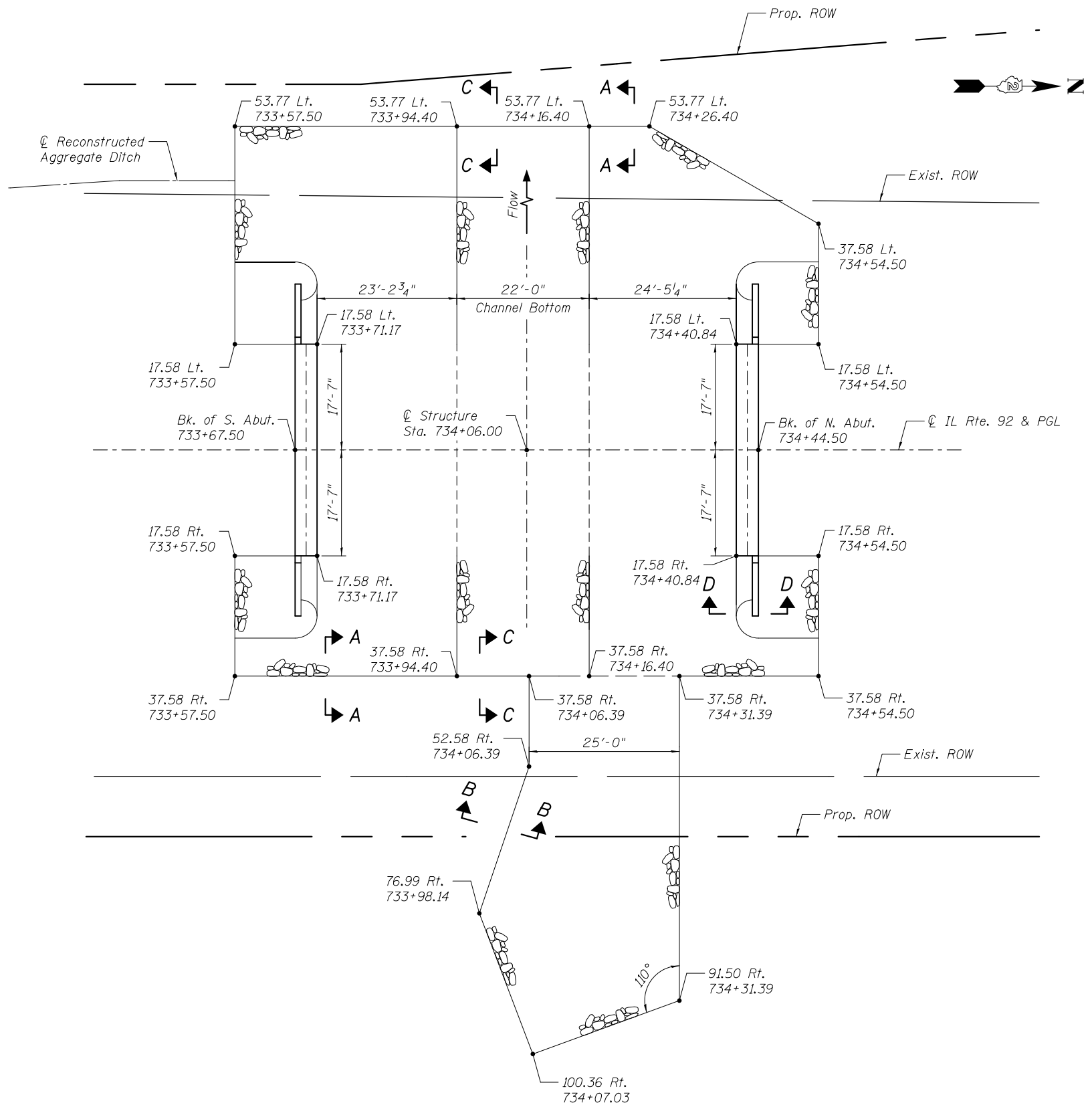
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DEPARTMENT OF TRANSPORTATION**

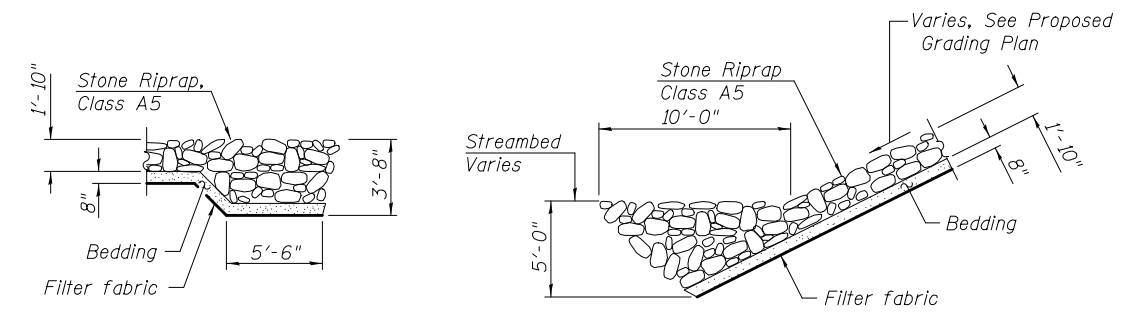
**GENERAL DATA  
STRUCTURE NO. 081-0196**

SHEET NO. 2 OF 20 SHEETS

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	33
CONTRACT NO. 64D18			ILLINOIS FED. AID PROJECT	

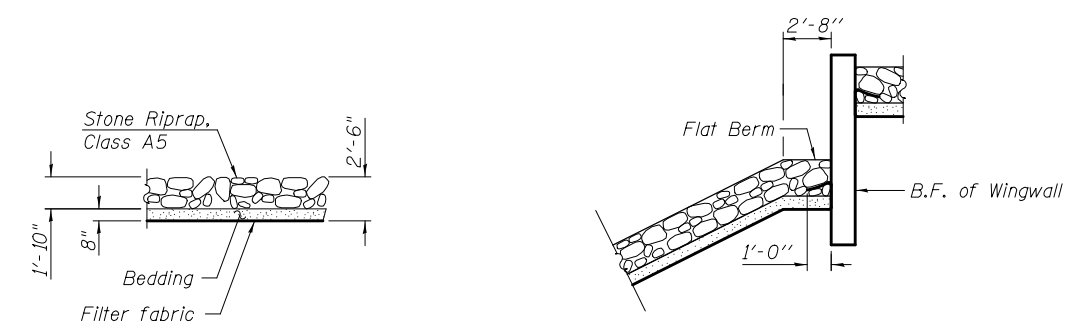


**FOOTING AND RIPRAP LAYOUT**



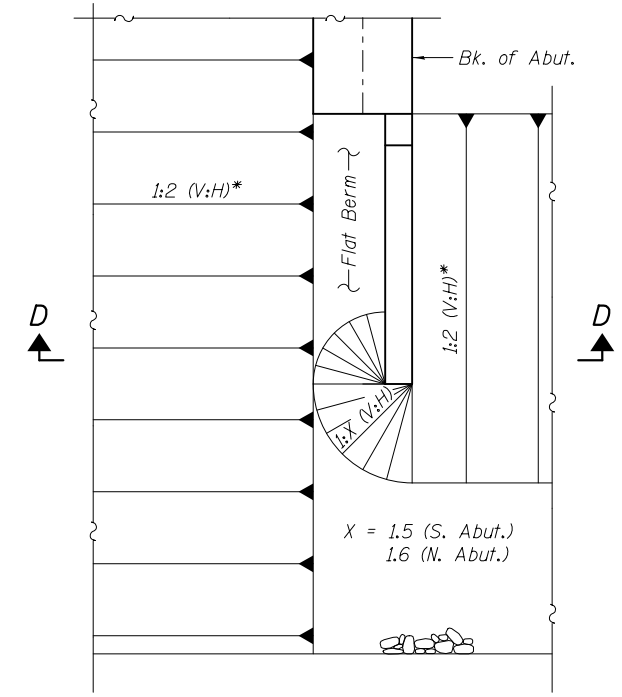
**SECTION A-A**

**SECTION B-B**



**SECTION C-C**

**SECTION D-D**



**END OF WINGWALL RIPRAP DETAIL**

\* 1:2 (V:H) slope in front of abutments and flat berm, and immediately behind wingwalls. See Grading Plan for details.

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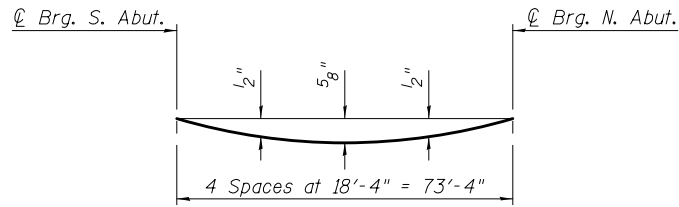
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUBSTRUCTURE LAYOUT  
STRUCTURE NO. 081-0196**

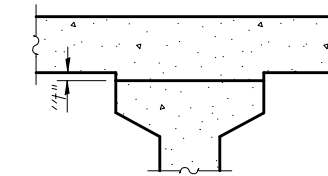
SHEET NO. 3 OF 20 SHEETS

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	34
CONTRACT NO. 64D18				
ILLINOIS FED. AID PROJECT				



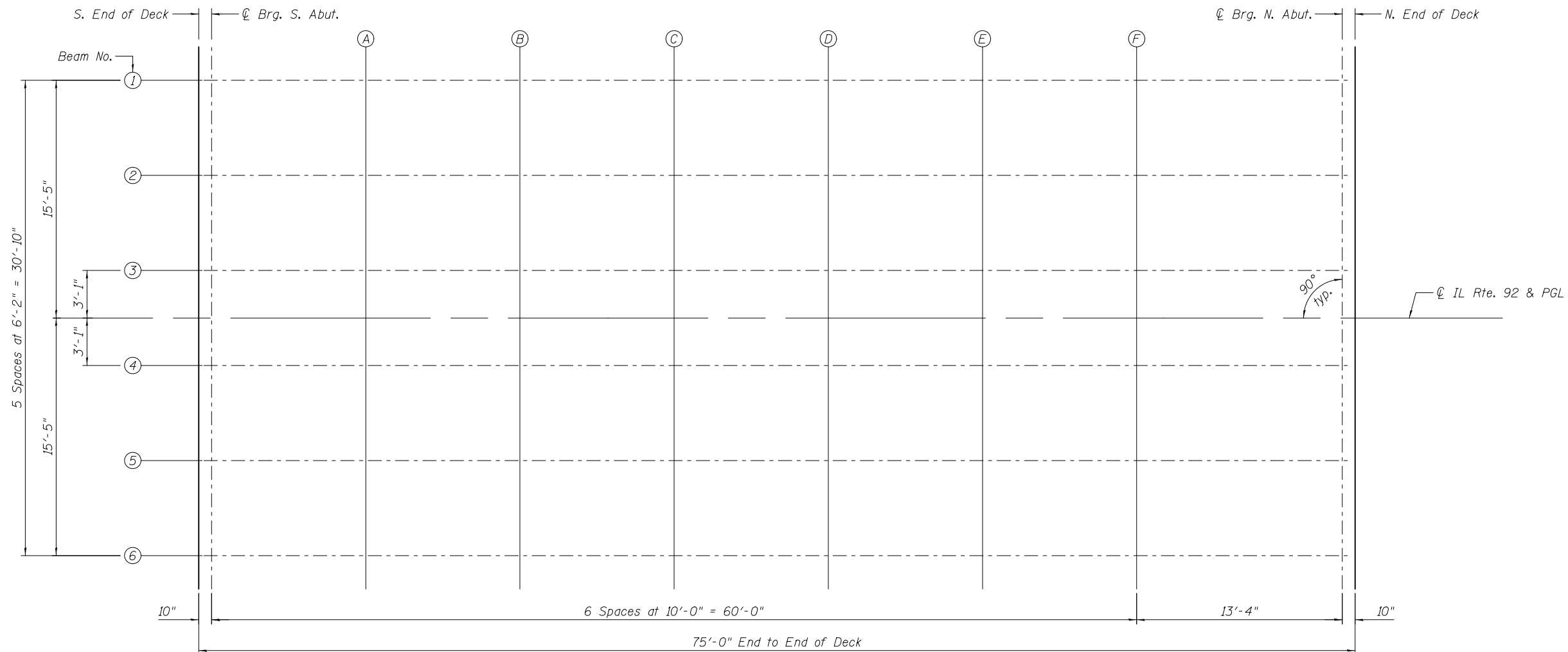
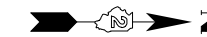
**DEAD LOAD DEFLECTION DIAGRAM**  
(Includes weight of concrete, excluding beams).

Note:  
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown on Sheets 5 and 6 of 20.



To determine "t": After all precast prestressed beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflections" shown on Sheets 5 and 6 of 20, minus slab thickness, equals the fillet heights "t" above top flanges of beams.

**FILLET HEIGHTS**



**PLAN**

(Sheet 1 of 3)

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PLOT DATE = 6/19/2013	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS  
STRUCTURE NO. 081-0196**

SHEET NO. 4 OF 20 SHEETS

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	35
CONTRACT NO. 64D18				
ILLINOIS FED. AID PROJECT				

**BEAM 1**

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
S. End of Deck	733+68.50	-15.42	635.99	635.99
Ⓞ Brg. S. Abutment	733+69.33	-15.42	635.99	635.99
A	733+79.33	-15.42	636.02	636.05
B	733+89.33	-15.42	636.07	636.11
C	733+99.33	-15.42	636.12	636.17
D	734+09.33	-15.42	636.18	636.24
E	734+19.33	-15.42	636.25	636.30
F	734+29.33	-15.42	636.34	636.37
Ⓞ Brg. N. Abutment	734+42.67	-15.42	636.46	636.46
N. End of Deck	734+43.50	-15.42	636.47	636.47

**BEAM 2**

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
S. End of Deck	733+68.50	-9.25	636.10	636.10
Ⓞ Brg. S. Abutment	733+69.33	-9.25	636.11	636.11
A	733+79.33	-9.25	636.14	636.16
B	733+89.33	-9.25	636.18	636.22
C	733+99.33	-9.25	636.23	636.29
D	734+09.33	-9.25	636.30	636.35
E	734+19.33	-9.25	636.37	636.42
F	734+29.33	-9.25	636.45	636.48
Ⓞ Brg. N. Abutment	734+42.67	-9.25	636.58	636.58
N. End of Deck	734+43.50	-9.25	636.59	636.59

**BEAM 3**

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
S. End of Deck	733+68.50	-3.08	636.20	636.20
Ⓞ Brg. S. Abutment	733+69.33	-3.08	636.20	636.20
A	733+79.33	-3.08	636.23	636.26
B	733+89.33	-3.08	636.28	636.32
C	733+99.33	-3.08	636.33	636.38
D	734+09.33	-3.08	636.39	636.45
E	734+19.33	-3.08	636.47	636.51
F	734+29.33	-3.08	636.55	636.58
Ⓞ Brg. N. Abutment	734+42.67	-3.08	636.68	636.68
N. End of Deck	734+43.50	-3.08	636.68	636.68

**Ⓞ IL RTE. 92 & PROFILE GRADE LINE**

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
S. End of Deck	733+68.50	0.00	636.25	636.25
Ⓞ Brg. S. Abutment	733+69.33	0.00	636.25	636.25
A	733+79.33	0.00	636.28	636.31
B	733+89.33	0.00	636.33	636.37
C	733+99.33	0.00	636.38	636.43
D	734+09.33	0.00	636.44	636.50
E	734+19.33	0.00	636.51	636.56
F	734+29.33	0.00	636.60	636.63
Ⓞ Brg. N. Abutment	734+42.67	0.00	636.72	636.72
N. End of Deck	734+43.50	0.00	636.73	636.73

Note:  
Offsets are measured from Ⓞ IL Rte. 92 & PGL.

(Sheet 2 of 3)

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	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS  
STRUCTURE NO. 081-0196**

SHEET NO. 5 OF 20 SHEETS

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	36
CONTRACT NO. 64D18			ILLINOIS FED. AID PROJECT	

**BEAM 4**

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
S. End of Deck	733+68.50	3.08	636.20	636.20
⊕ Brg. S. Abutment	733+69.33	3.08	636.20	636.20
A	733+79.33	3.08	636.23	636.26
B	733+89.33	3.08	636.28	636.32
C	733+99.33	3.08	636.33	636.38
D	734+09.33	3.08	636.39	636.45
E	734+19.33	3.08	636.47	636.51
F	734+29.33	3.08	636.55	636.58
⊕ Brg. N. Abutment	734+42.67	3.08	636.68	636.68
N. End of Deck	734+43.50	3.08	636.68	636.68

**BEAM 5**

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
S. End of Deck	733+68.50	9.25	636.10	636.10
⊕ Brg. S. Abutment	733+69.33	9.25	636.11	636.11
A	733+79.33	9.25	636.14	636.16
B	733+89.33	9.25	636.18	636.22
C	733+99.33	9.25	636.23	636.29
D	734+09.33	9.25	636.30	636.35
E	734+19.33	9.25	636.37	636.42
F	734+29.33	9.25	636.45	636.48
⊕ Brg. N. Abutment	734+42.67	9.25	636.58	636.58
N. End of Deck	734+43.50	9.25	636.59	636.59

**BEAM 6**

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
S. End of Deck	733+68.50	15.42	635.99	635.99
⊕ Brg. S. Abutment	733+69.33	15.42	635.99	635.99
A	733+79.33	15.42	636.02	636.05
B	733+89.33	15.42	636.07	636.11
C	733+99.33	15.42	636.12	636.17
D	734+09.33	15.42	636.18	636.24
E	734+19.33	15.42	636.25	636.30
F	734+29.33	15.42	636.34	636.37
⊕ Brg. N. Abutment	734+42.67	15.42	636.46	636.46
N. End of Deck	734+43.50	15.42	636.47	636.47

*Note:*  
Offsets are measured from ⊕ IL Rte. 92 & PGL.

(Sheet 3 of 3)

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS  
STRUCTURE NO. 081-0196**

SHEET NO. 6 OF 20 SHEETS

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	37
CONTRACT NO. 64D18			ILLINOIS FED. AID PROJECT	

**WEST EDGE OF SHOULDER**

Location	Station	Offset (ft.)	Theoretical Grade Elevations
S. End of S. Approach	733+38.50	-16.00	635.95
A1	733+48.50	-16.00	635.95
A2	733+58.50	-16.00	635.96
N. End of S. Approach	733+68.50	-16.00	635.98

**WEST EDGE OF PAVEMENT**

Location	Station	Offset (ft.)	Theoretical Grade Elevations
S. End of S. Approach	733+38.50	-12.00	636.03
A1	733+48.50	-12.00	636.03
A2	733+58.50	-12.00	636.04
N. End of S. Approach	733+68.50	-12.00	636.06

**CL IL RTE. 92 & PROFILE GRADE LINE**

Location	Station	Offset (ft.)	Theoretical Grade Elevations
S. End of S. Approach	733+38.50	0.00	636.22
A1	733+48.50	0.00	636.22
A2	733+58.50	0.00	636.23
N. End of S. Approach	733+68.50	0.00	636.25

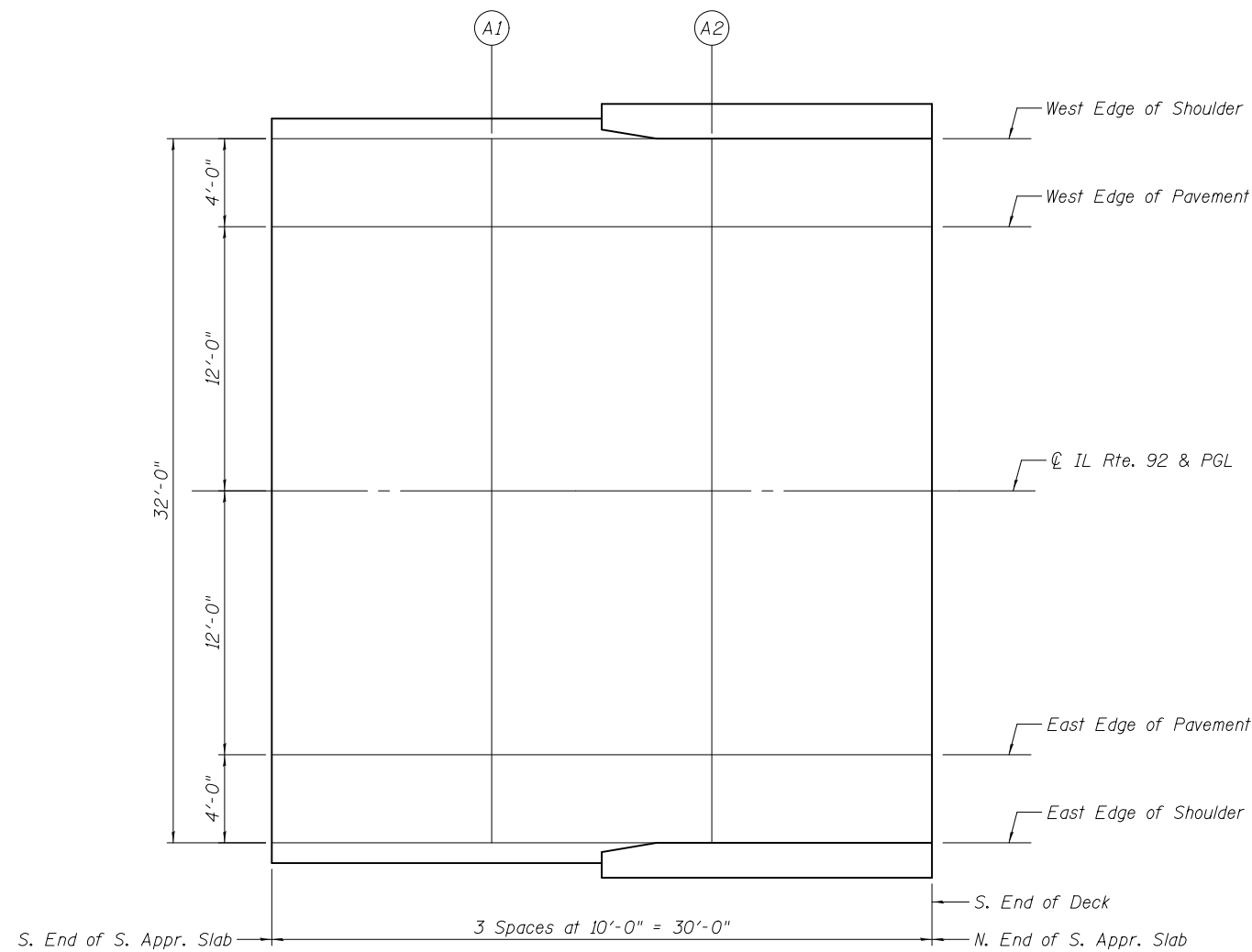


**EAST EDGE OF PAVEMENT**

Location	Station	Offset (ft.)	Theoretical Grade Elevations
S. End of S. Approach	733+38.50	12.00	636.03
A1	733+48.50	12.00	636.03
A2	733+58.50	12.00	636.04
N. End of S. Approach	733+68.50	12.00	636.06

**EAST EDGE OF SHOULDER**

Location	Station	Offset (ft.)	Theoretical Grade Elevations
S. End of S. Approach	733+38.50	16.00	635.95
A1	733+48.50	16.00	635.95
A2	733+58.50	16.00	635.96
N. End of S. Approach	733+68.50	16.00	635.98



**PLAN**

Note:  
Offsets are measured from CL IL Rte. 92 & PGL.

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TOP OF SOUTH APPROACH SLAB ELEVATIONS  
STRUCTURE NO. 081-0196**

SHEET NO. 7 OF 20 SHEETS

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	38
CONTRACT NO. 64D18			ILLINOIS FED. AID PROJECT	



**WEST EDGE OF SHOULDER**

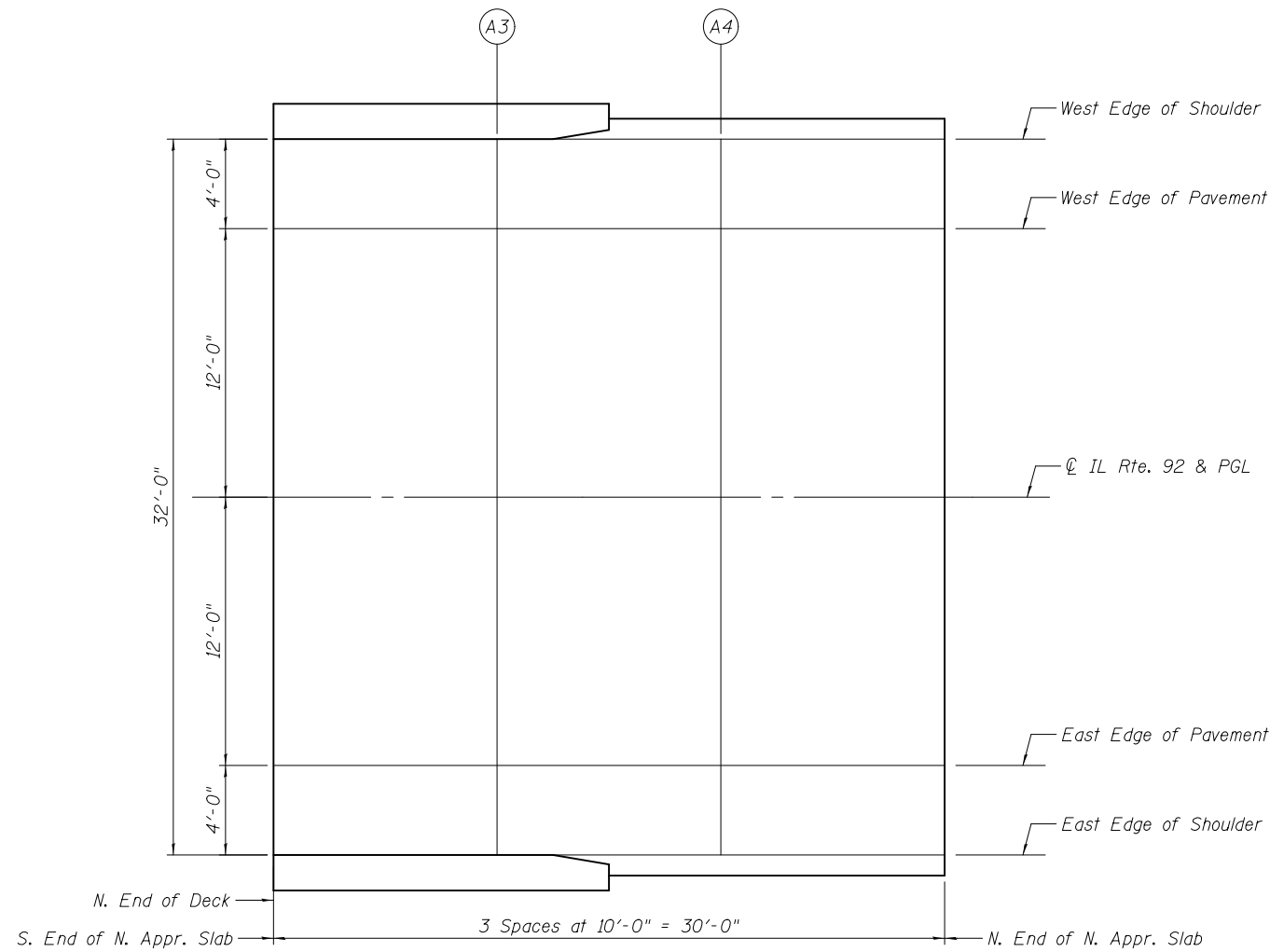
Location	Station	Offset (ft.)	Theoretical Grade Elevations
S. End of N. Approach	734+43.50	-16.00	636.46
A3	734+53.50	-16.00	636.57
A4	734+63.50	-16.00	636.69
N. End of N. Approach	734+73.50	-16.00	636.82

**WEST EDGE OF PAVEMENT**

Location	Station	Offset (ft.)	Theoretical Grade Elevations
S. End of N. Approach	734+43.50	-12.00	636.54
A3	734+53.50	-12.00	636.65
A4	734+63.50	-12.00 </td <td>636.77</td>	636.77
N. End of N. Approach	734+73.50	-12.00	636.90

**CL IL RTE. 92 & PROFILE GRADE LINE**

Location	Station	Offset (ft.)	Theoretical Grade Elevations
S. End of N. Approach	734+43.50	0.00	636.73
A3	734+53.50	0.00	636.84
A4	734+63.50	0.00	636.96
N. End of N. Approach	734+73.50	0.00	637.09



**PLAN**

**EAST EDGE OF PAVEMENT**

Location	Station	Offset (ft.)	Theoretical Grade Elevations
S. End of N. Approach	734+43.50	12.00	636.54
A3	734+53.50	12.00	636.65
A4	734+63.50	12.00	636.77
N. End of N. Approach	734+73.50	12.00	636.90

**EAST EDGE OF SHOULDER**

Location	Station	Offset (ft.)	Theoretical Grade Elevations
S. End of N. Approach	734+43.50	16.00	636.46
A3	734+53.50	16.00	636.57
A4	734+63.50	16.00	636.69
N. End of N. Approach	734+73.50	16.00	636.82

Note:  
Offsets are measured from CL IL Rte. 92 & PGL.

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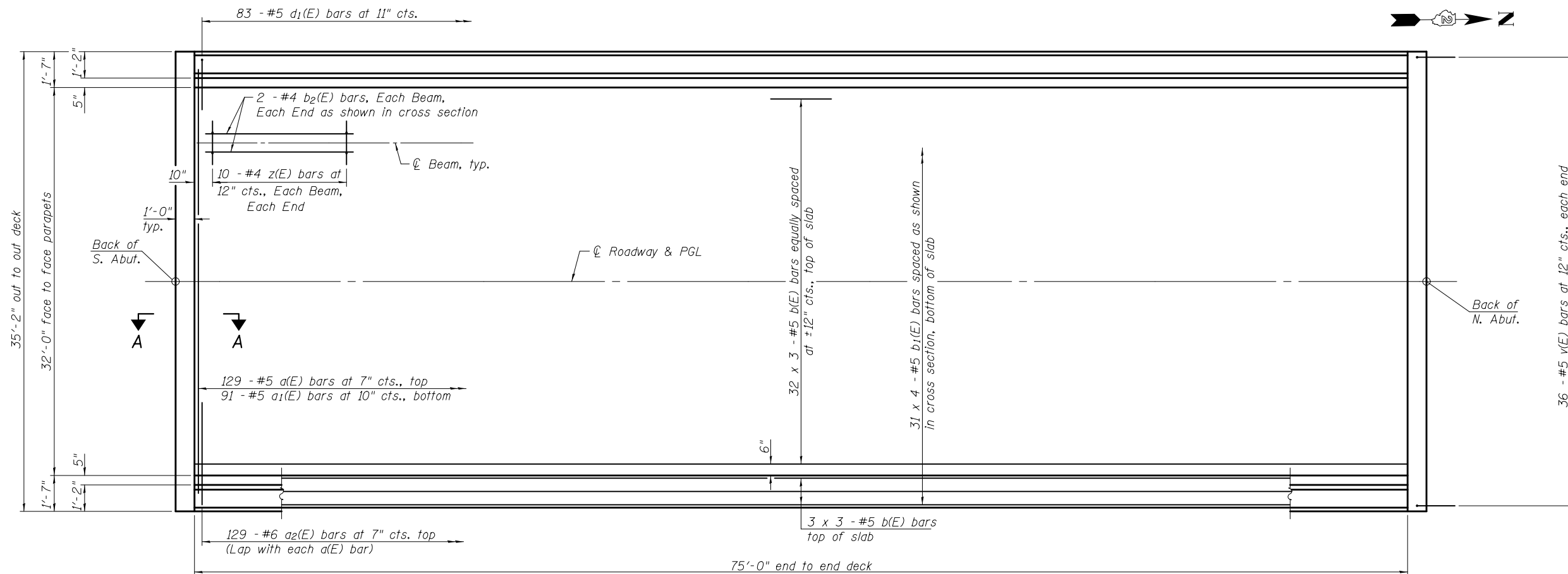
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TOP OF NORTH APPROACH SLAB ELEVATIONS  
STRUCTURE NO. 081-0196**

SHEET NO. 8 OF 20 SHEETS

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	39
CONTRACT NO. 64D18				
ILLINOIS FED. AID PROJECT				

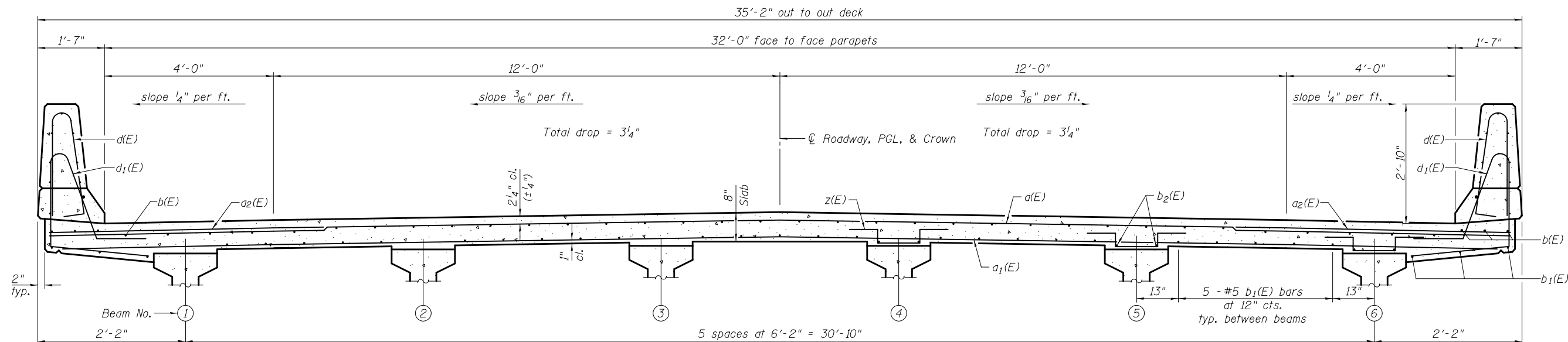


**MINIMUM BAR LAP**

#5 bar = 2'-7"

**PLAN**

Notes:  
 See Sheet 10 of 20 for superstructure details and Bill of Material.  
 See Sheet 10 of 20 for parapet reinforcement.  
 Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.  
 See sheet 11 of 20 for Section A-A.



**NEAR MIDSPAN**

**NEAR ABUTMENT**

**CROSS SECTION**

(Looking North)

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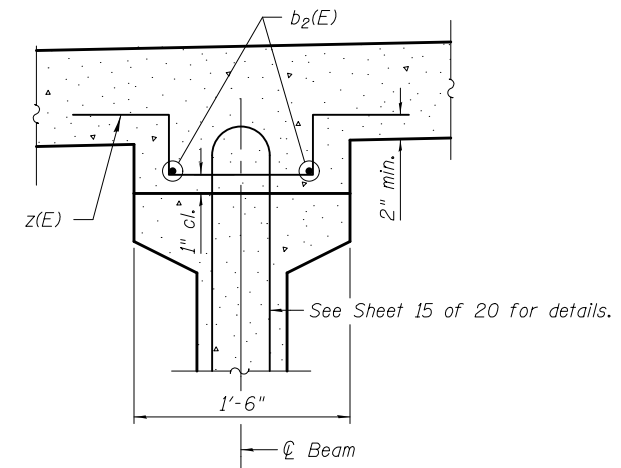
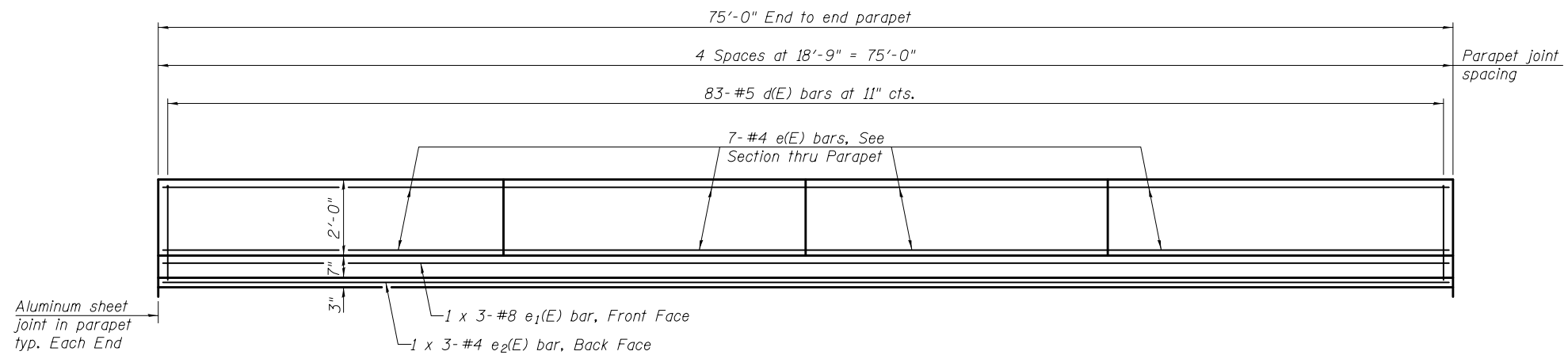
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**SUPERSTRUCTURE  
 STRUCTURE NO. 081-0196**

SHEET NO. 9 OF 20 SHEETS

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	40
CONTRACT NO. 64D18				
ILLINOIS FED. AID PROJECT				

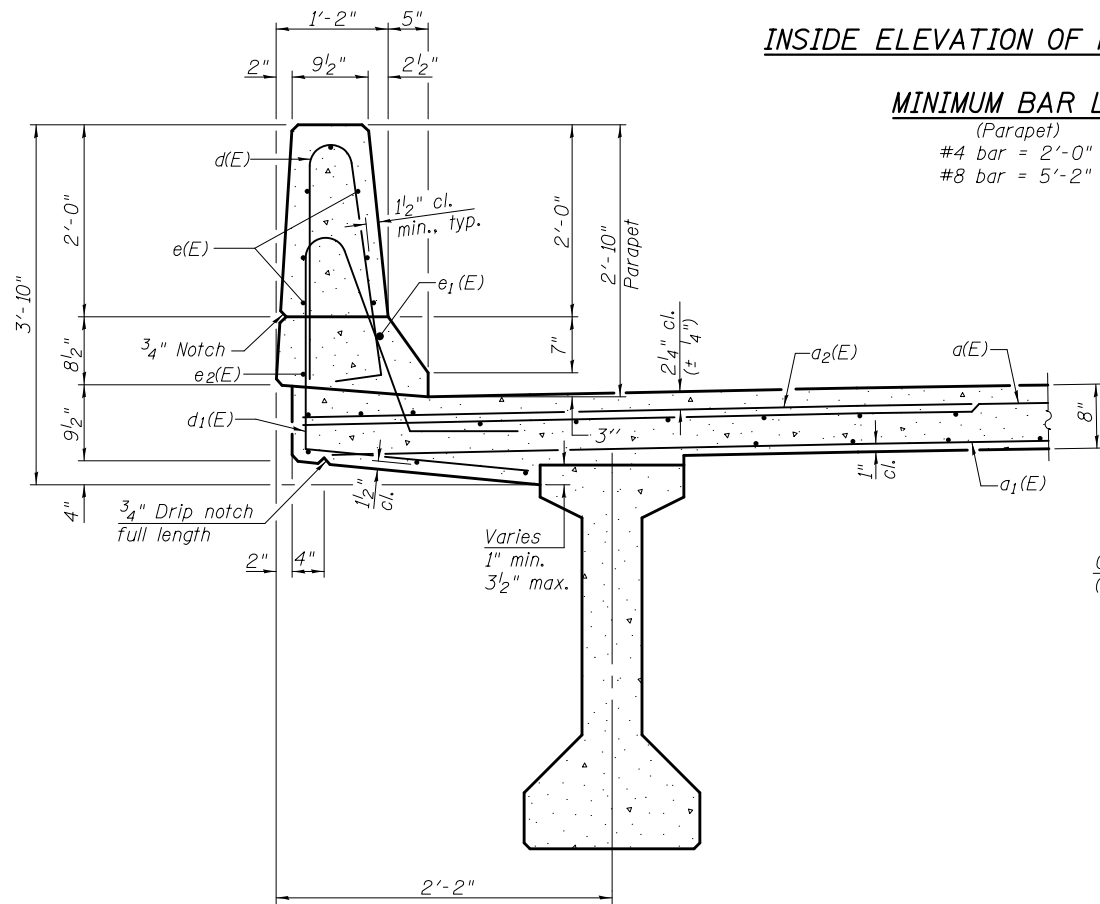


**INSIDE ELEVATION OF PARAPET**

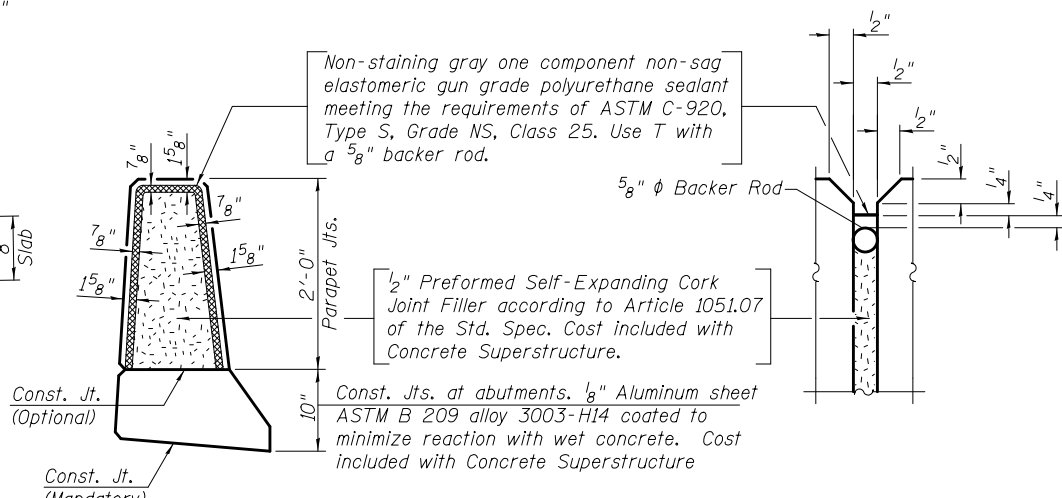
**MINIMUM BAR LAP**

(Parapet)  
 #4 bar = 2'-0"  
 #8 bar = 5'-2"

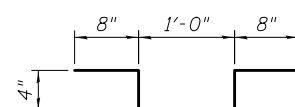
**SECTION THRU FILLET NEAR ABUTMENT**



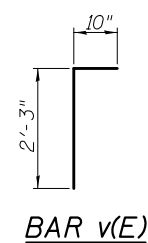
**SECTION THRU PARAPET**



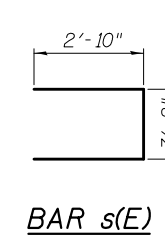
**PARAPET JOINT DETAILS**



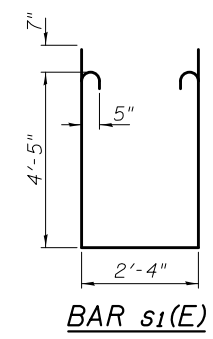
**BAR z(E)**



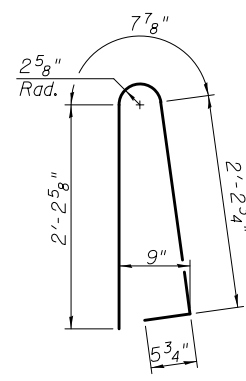
**BAR v(E)**



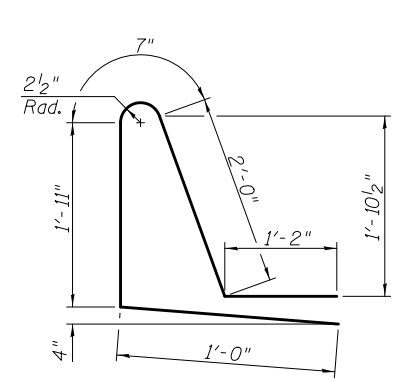
**BAR s(E)**



**BAR s1(E)**



**BAR d(E)**



**BAR d1(E)**

**SUPERSTRUCTURE BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a(E)	129	#5	34'-6"	—
a1(E)	91	#5	32'-10"	—
a2(E)	258	#6	6'-6"	—
b(E)	114	#5	26'-8"	—
b1(E)	124	#5	20'-8"	—
b2(E)	24	#4	10'-0"	—
d(E)	166	#5	5'-7"	⌋
d1(E)	166	#5	6'-8"	⌋
e(E)	56	#4	18'-5"	—
e1(E)	6	#8	28'-4"	—
e2(E)	6	#4	26'-3"	—
m(E)	10	#6	34'-10"	—
m1(E)	30	#6	5'-2"	—
m2(E)	12	#6	1'-7"	—
m3(E)	10	#6	4'-0"	—
m4(E)	4	#6	0'-11"	—
m5(E)	24	#5	4'-0"	—
s(E)	58	#5	8'-10"	⌋
s1(E)	58	#5	12'-4"	⌋
v(E)	72	#5	3'-1"	⌋
z(E)	120	#4	3'-0"	⌋
Concrete Superstructure		Cu. Yd.	89.1	
Bridge Deck Grooving		Sq. Yd.	250	
Protective Coat		Sq. Yd.	330	
Reinforcement Bars, Epoxy Coated		Pound	22,350	

Bars indicated thus 1 x 2-#8 etc. indicates 1 line of bars with 2 lengths per line.

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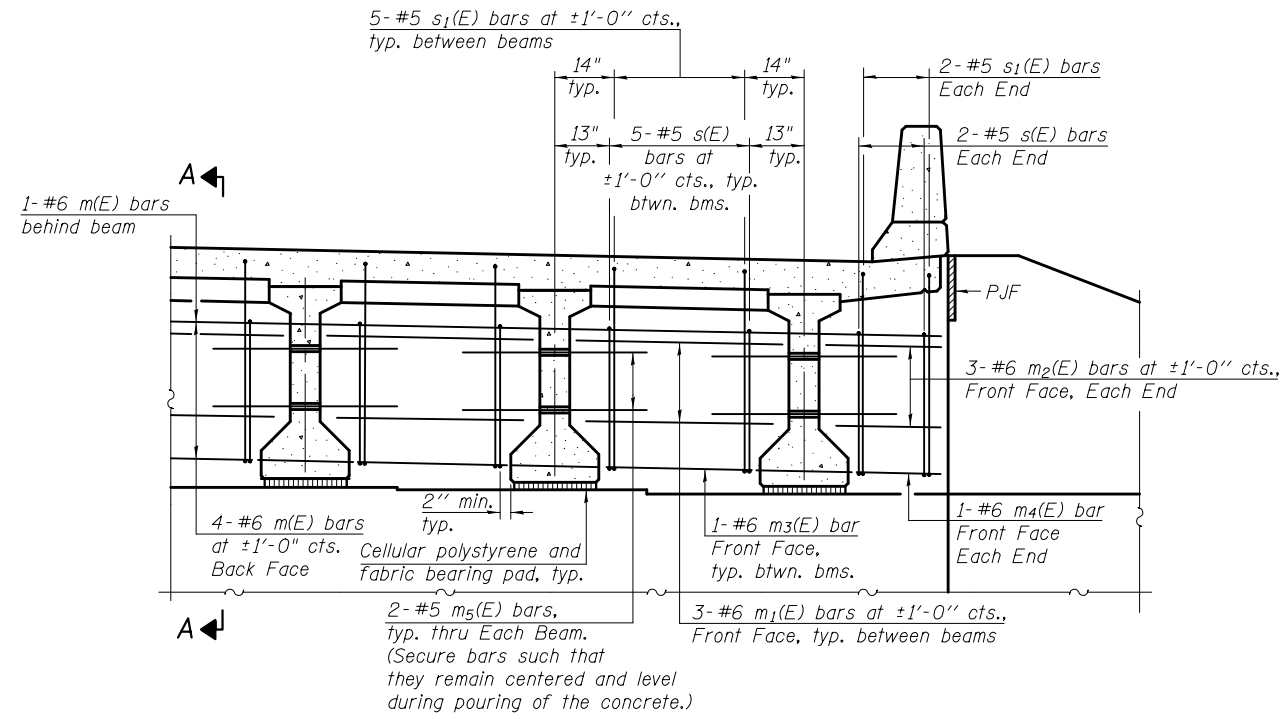
DESIGNED - MWS	REVISED -
CHECKED - TAY	REVISED -
DRAWN - MWS	REVISED -
CHECKED - BJM	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

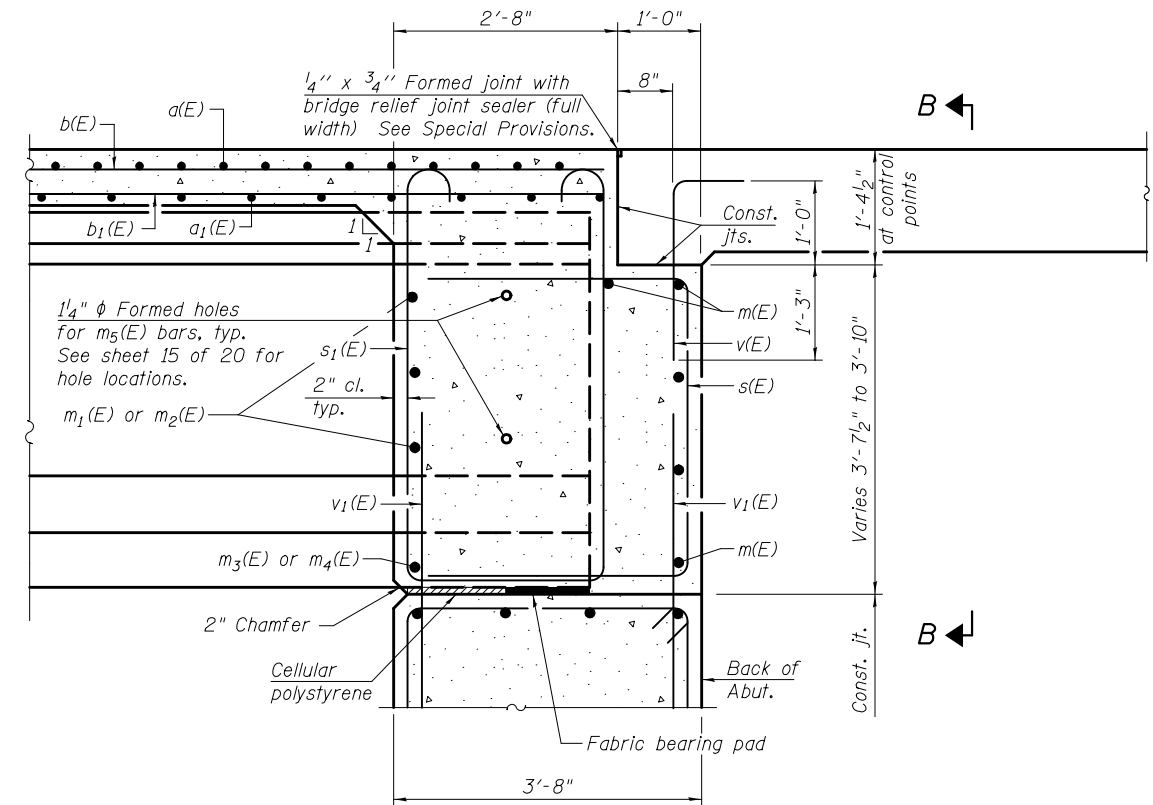
**SUPERSTRUCTURE DETAILS  
STRUCTURE NO. 081-0196**

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	41
CONTRACT NO. 64D18				
ILLINOIS FED. AID PROJECT				

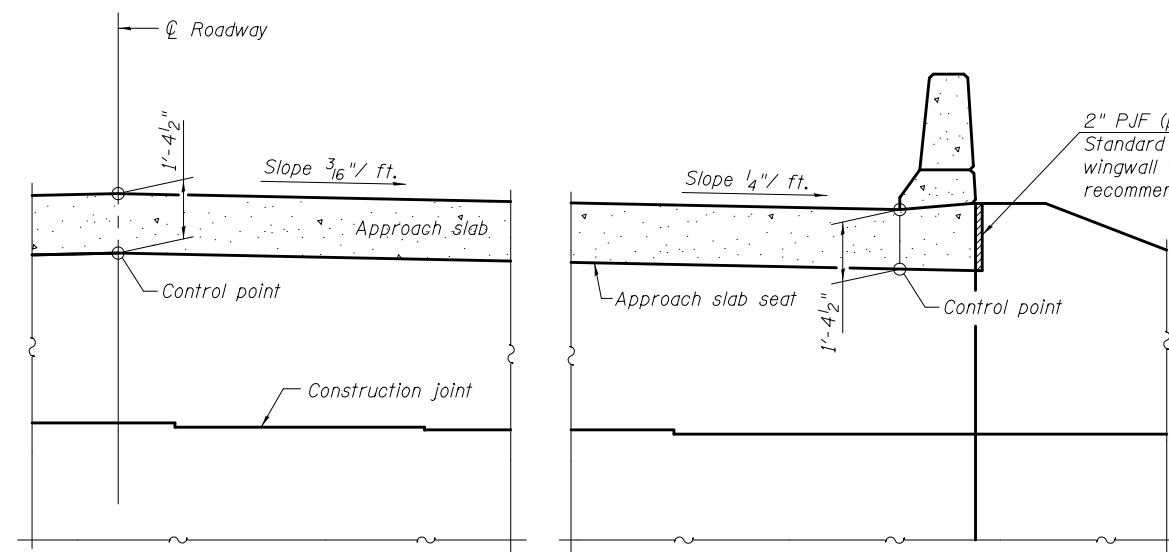
SHEET NO. 10 OF 20 SHEETS



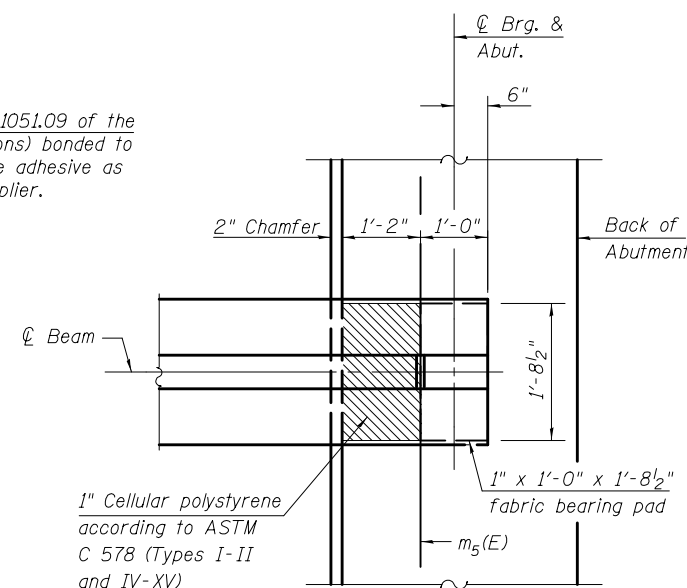
**DIAPHRAGM ELEVATION AT ABUTMENT**



**SECTION A-A**



**SECTION B-B**



**PARTIAL PLAN AT ABUTMENT**  
(Showing bottom flange of beam)

**Notes:**  
 Reinforcement bars in diaphragm are billed with superstructure on sheet 10 of 20.  
 Concrete in diaphragm is included with Concrete Superstructure on sheet 10 of 20.  
 For details of bars s(E), s1(E) and v(E), see sheet 10 of 20.  
 The approach slab seat shall have a constant slope determined from the control points shown.  
 Cost of cellular polystyrene is included with Concrete Superstructure.

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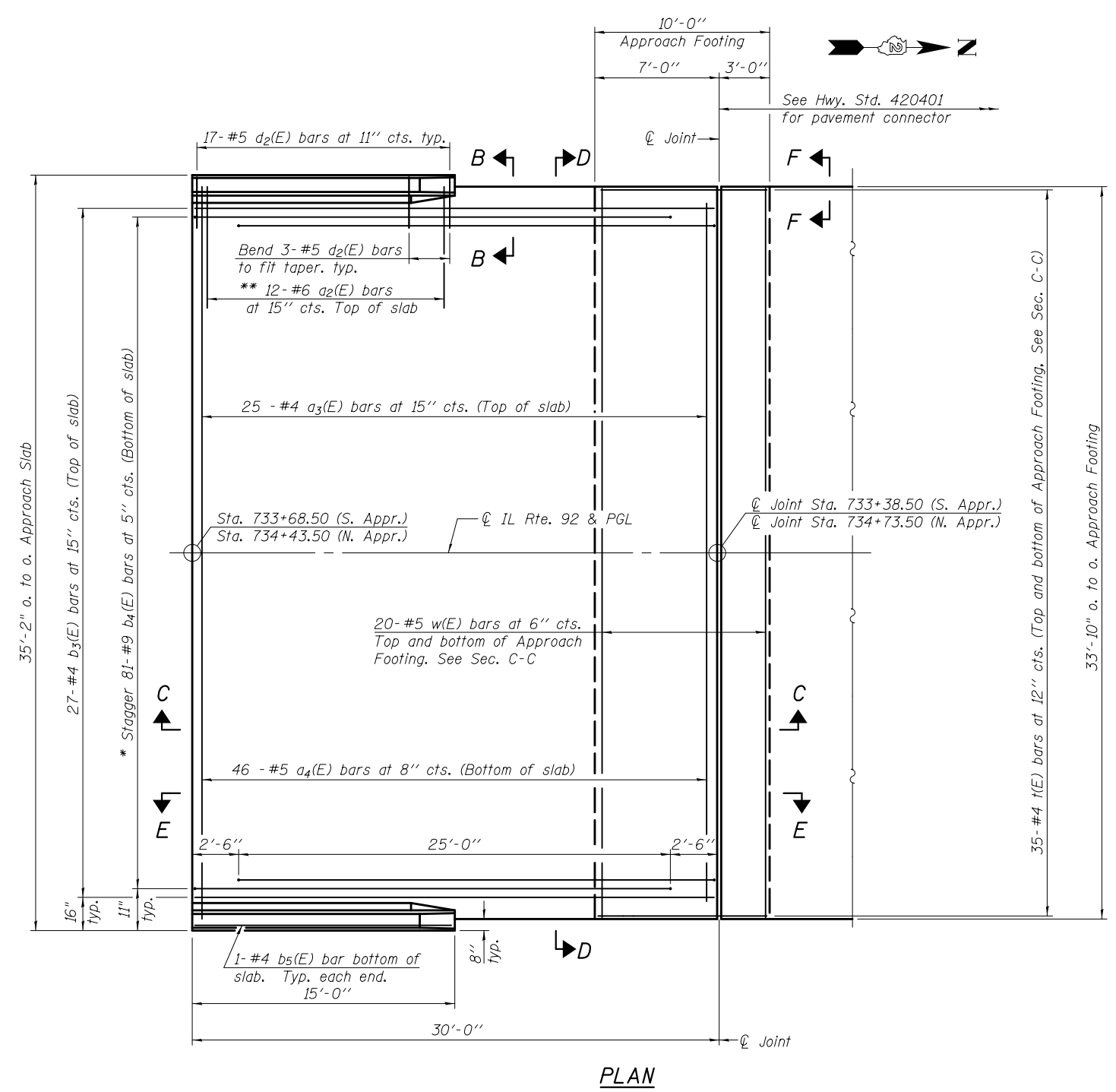
**DIAPHRAGM DETAILS**  
**STRUCTURE NO. 081-0196**

SHEET NO. 11 OF 20 SHEETS

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	42
CONTRACT NO. 64D18				
ILLINOIS FED. AID PROJECT				

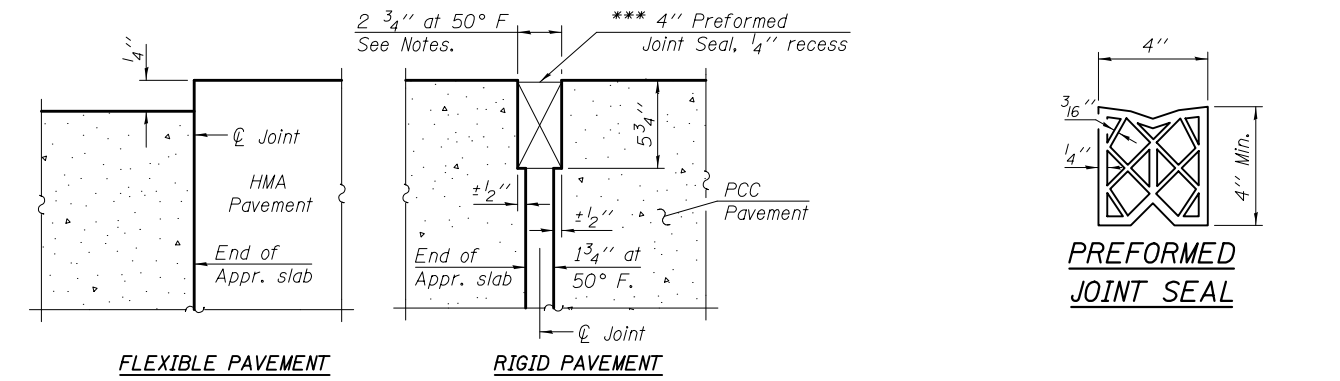
Notes:  
 See sheet 13 of 20 for Sections C-C & D-D and View E-E.  
 $a_3(E)$  and  $a_4(E)$  bar spacings measured along  $\text{C.Rdwy.}$   
 The joint opening shall be determined per Article 520.04 except that on jointless structures, the distance described as the bridge length between the nearest fixed bearings each way from the joint shall be taken as half the bridge length plus the approach slab length. The minimum dimension shall be  $1\frac{1}{2}$ " for installation purposes.  
 See Sheet 13 of 20 for Bill of Material.

\*\*\* Cost included with Concrete Superstructure.

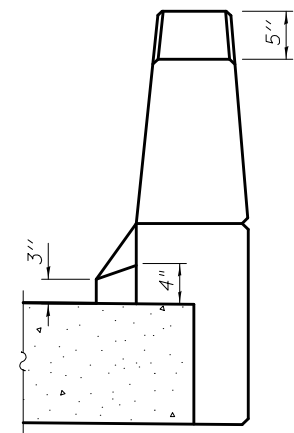


**PLAN**  
 North Approach shown, South Approach similar.

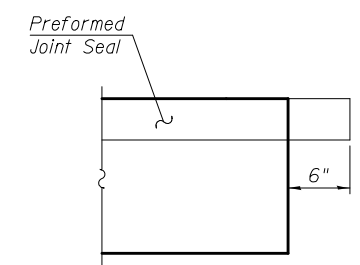
\* Tilt #9  $b_3(E)$  bars as required to maintain clearance.  
 \*\* Space between  $a_3(E)$  bars, typ. ea. parapet.



**DETAIL A**



**VIEW B-B**



**VIEW F-F**

(Sheet 1 of 2)

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DRAWN - MWS	REVISED -
CHECKED - BJM	REVISED -

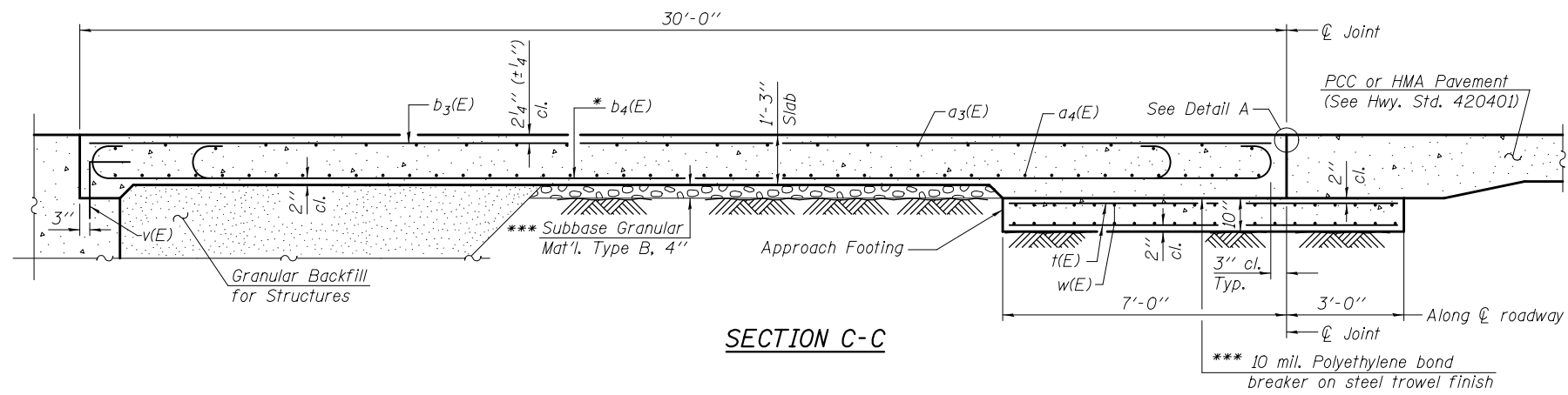
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**BRIDGE APPROACH SLAB DETAILS**  
**STRUCTURE NO. 081-0196**

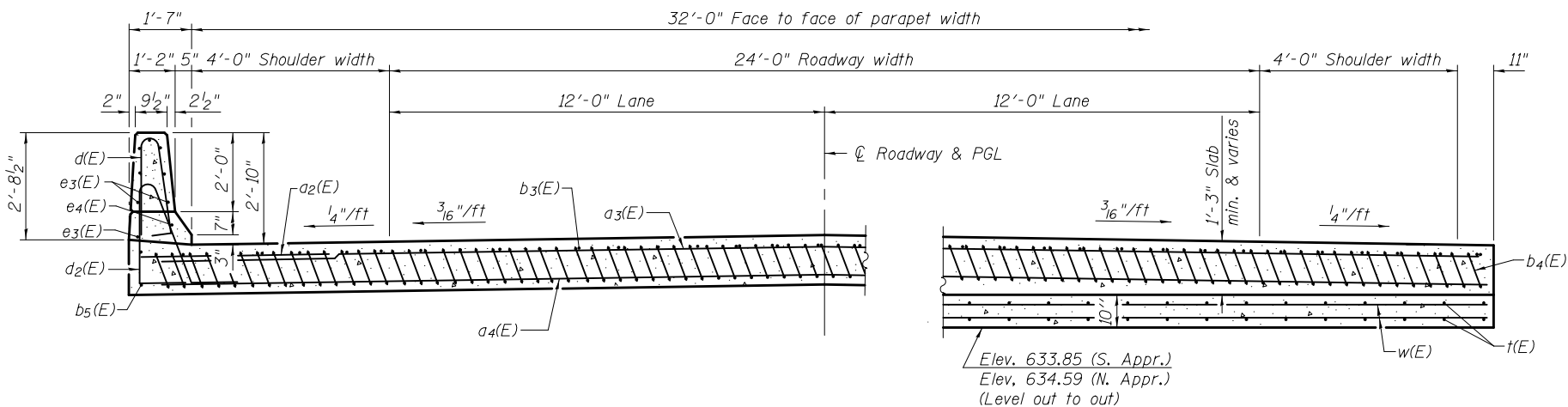
SHEET NO. 12 OF 20 SHEETS

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	43
CONTRACT NO. 64D18				

ILLINOIS FED. AID PROJECT



SECTION C-C

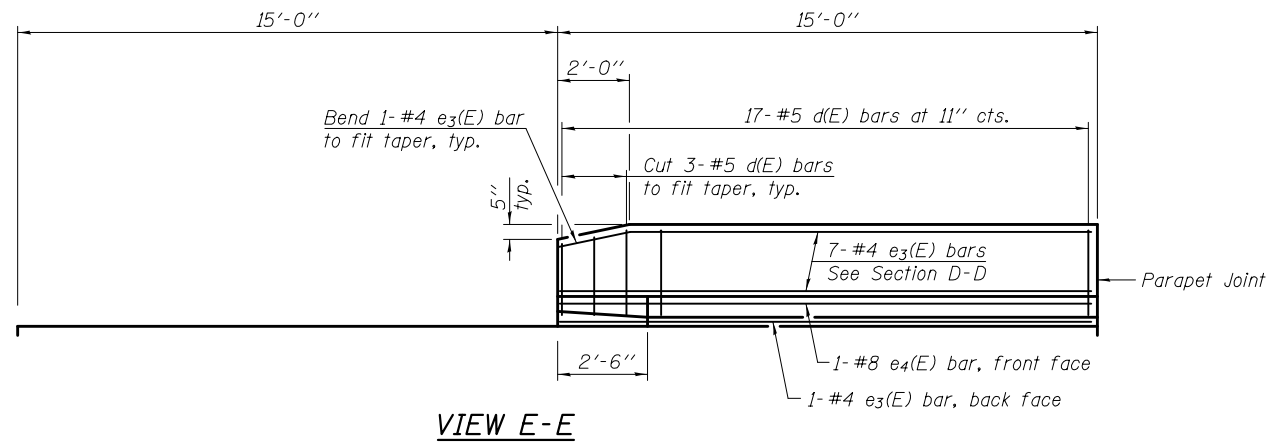


NEAR ABUTMENT

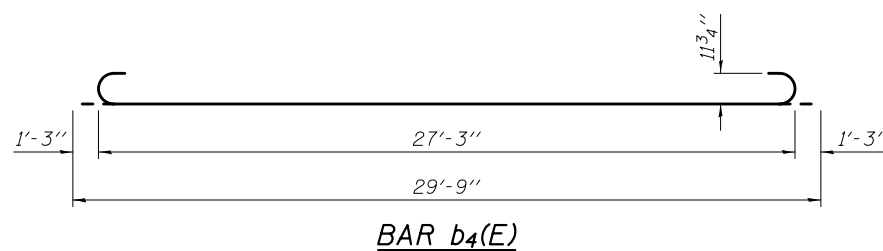
SECTION D-D

(See Plan for dimensions not shown)

AT APPROACH FOOTING



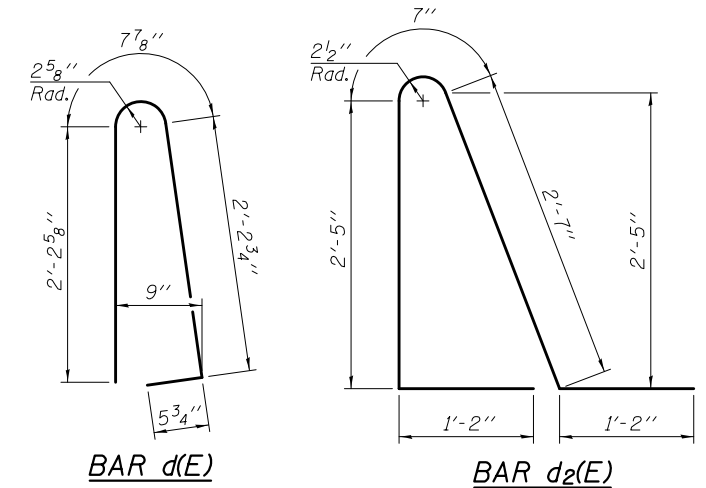
VIEW E-E



BAR b4(E)

Notes:

See sheet 12 of 20 for Detail A and View B-B.  
 Approach slab and parapet concrete shall be paid for as Concrete Superstructure.  
 Approach footing concrete shall be paid for as Concrete Structures.  
 Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.  
 For v(E) bar details, see sheet 10 of 20.  
 The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.  
 Cost of excavation for approach footing included with Concrete Structures.  
 For Granular Backfill for Structures and drainage treatment details, see sheet 2 of 20.  
 For additional parapet details, see sheet 10 of 20.



\* Tilt #9 b3(E) bars as required to maintain clearance.

\*\*\* Cost included with Concrete Superstructure.

TWO APPROACHES  
 BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a2(E)	48	#6	6'-6"	—
a3(E)	50	#4	33'-6"	—
a4(E)	92	#5	33'-6"	—
b3(E)	54	#4	29'-8"	—
b4(E)	162	#9	29'-9"	U
b5(E)	4	#4	14'-8"	—
d(E)	68	#5	5'-7"	Λ
d2(E)	68	#5	7'-11"	Λ
e3(E)	32	#4	14'-8"	—
e4(E)	4	#8	14'-8"	—
t(E)	140	#4	9'-8"	—
w(E)	80	#5	33'-6"	—
Concrete Structures		Cu. Yd.	41.6	
Concrete Superstructure		Cu. Yd.	110.2	
Bridge Deck Grooving		Sq. Yd.	214	
Protective Coat		Sq. Yd.	246	
Reinforcement Bars, Epoxy Coated		Pound	27,430	

(Sheet 2 of 2)

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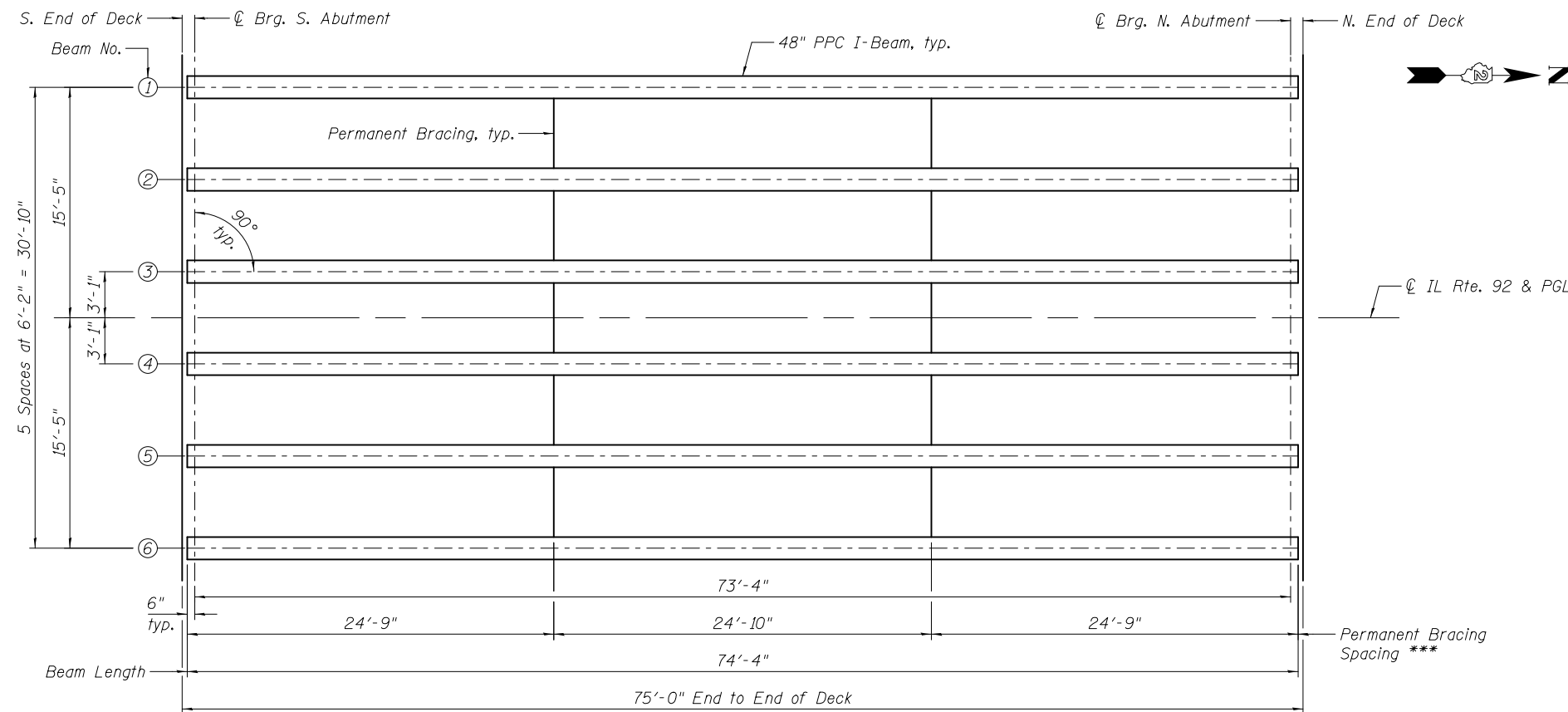
DESIGNED - MWS	REVISED -
CHECKED - TAY	REVISED -
DRAWN - MWS	REVISED -
CHECKED - BJM	REVISED -

STATE OF ILLINOIS  
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BRIDGE APPROACH SLAB DETAILS  
 STRUCTURE NO. 081-0196

SHEET NO. 13 OF 20 SHEETS

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	44
CONTRACT NO. 64D18				
ILLINOIS FED. AID PROJECT				

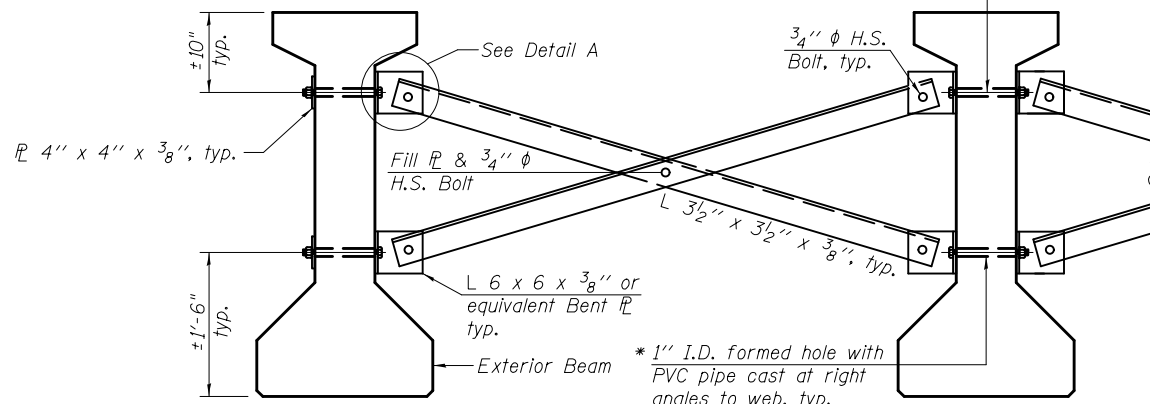


**FRAMING PLAN**

\*\*\* Spacing of bracing is measured from the end of the beam along the  $\bar{C}$  beam.

\* Fabricator shall locate to miss strands within permissible tolerances.

$\frac{3}{4}$ "  $\phi$  A307 Bolts with lock nuts., typ. Bolts through the concrete web shall be tightened to snug tight only.



**DETAIL A**

**Notes:**

All material for bracing shall be hot dip galvanized according to AASHTO M111 unless otherwise noted.  
 Two hardened washers are required for each set of oversized holes.  
 All holes shall be  $\frac{1}{16}$ "  $\phi$  unless otherwise noted.  
 $\frac{5}{16}$ " x 3" x 3" plate washers are required over all slotted holes.  
 All bolts shall be galvanized according to AASHTO M232.  
 Bracing shall be installed as beams are erected and tightened as soon as possible during erection.  
 Permanent bracing shall not be paid for separately, but shall be included in the cost of Furnishing and Erecting Precast Prestressed Concrete I-Beams.

**PERMANENT BRACING DETAILS FOR 48" PPC I-BEAMS**

INTERIOR BEAM MOMENT TABLE		
0.5 Sp. 1		
I	(in <sup>4</sup> )	144,117
I'	(in <sup>4</sup> )	377,070
S <sub>b</sub>	(in <sup>3</sup> )	6,834
S <sub>b</sub> '	(in <sup>3</sup> )	11,032
S <sub>t</sub>	(in <sup>3</sup> )	5,355
S <sub>t</sub> '	(in <sup>3</sup> )	27,284
DC1	(k/')	1.252
M <sub>DC1</sub>	(k)	842
DC2	(k/')	0.150
M <sub>DC2</sub>	(k)	101
DW	(k/')	0.308
M <sub>DW</sub>	(k)	207
M $\bar{L}$ + IM	(k)	1,074

INTERIOR BEAM REACTION TABLE		
Abut.		
R <sub>DC1</sub>	(k)	45.9
R <sub>DC2</sub>	(k)	5.5
R <sub>DW</sub>	(k)	11.3
R $\bar{L}$ + IM	(k)	76.6
R <sub>Total</sub>	(k)	139.3

I: Non-composite moment of inertia of beam section (in.<sup>4</sup>).  
 I': Composite moment of inertia of beam section (in.<sup>4</sup>).  
 S<sub>b</sub>: Non-composite section modulus for the bottom fiber of the prestressed beam (in.<sup>3</sup>).  
 S<sub>b</sub>': Composite section modulus for the bottom fiber of the prestressed beam (in.<sup>3</sup>).  
 S<sub>t</sub>: Non-composite section modulus for the top fiber of the prestressed beam (in.<sup>3</sup>).  
 S<sub>t</sub>': Composite section modulus for the top fiber of the prestressed beam (in.<sup>3</sup>).  
 DC1: Un-factored non-composite dead load (kips/ft.).  
 M<sub>DC1</sub>: Un-factored moment due to non-composite dead load (kip-ft.).  
 DC2: Un-factored long-term composite (superimposed excluding future wearing surface) dead load (kips/ft.).  
 M<sub>DC2</sub>: Un-factored moment due to long-term composite (superimposed excluding future wearing surface) dead load (kip-ft.).  
 DW: Un-factored long-term composite (superimposed future wearing surface only) dead load (kips/ft.).  
 M<sub>DW</sub>: Un-factored moment due to long-term composite (superimposed future wearing surface only) dead load (kip-ft.).  
 M $\bar{L}$  + IM: Un-factored live load moment plus dynamic load allowance (impact) (kip-ft.).

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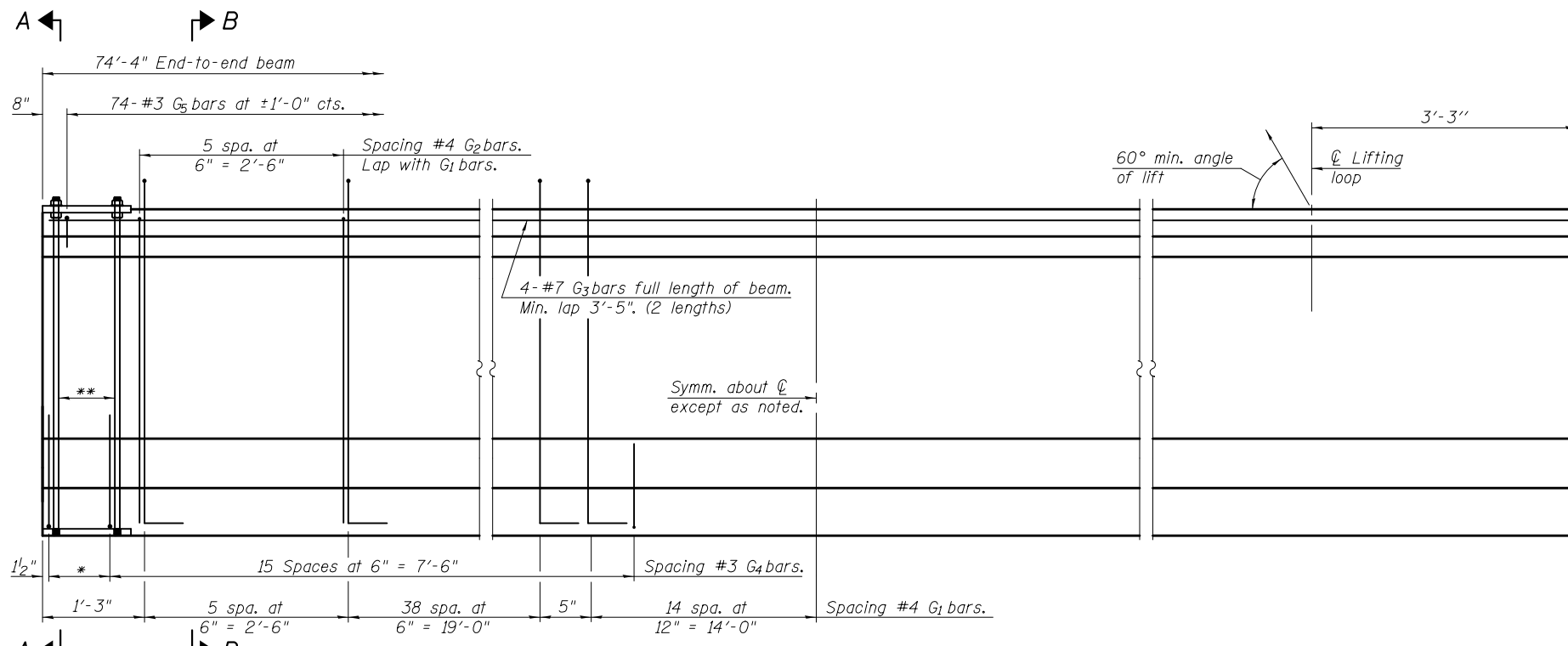
DESIGNED -	BJM	REVISED -	
CHECKED -	MAS	REVISED -	
DRAWN -	MWS	REVISED -	
CHECKED -	BJM	REVISED -	

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**FRAMING PLAN  
STRUCTURE NO. 081-0196**

SHEET NO. 14 OF 20 SHEETS

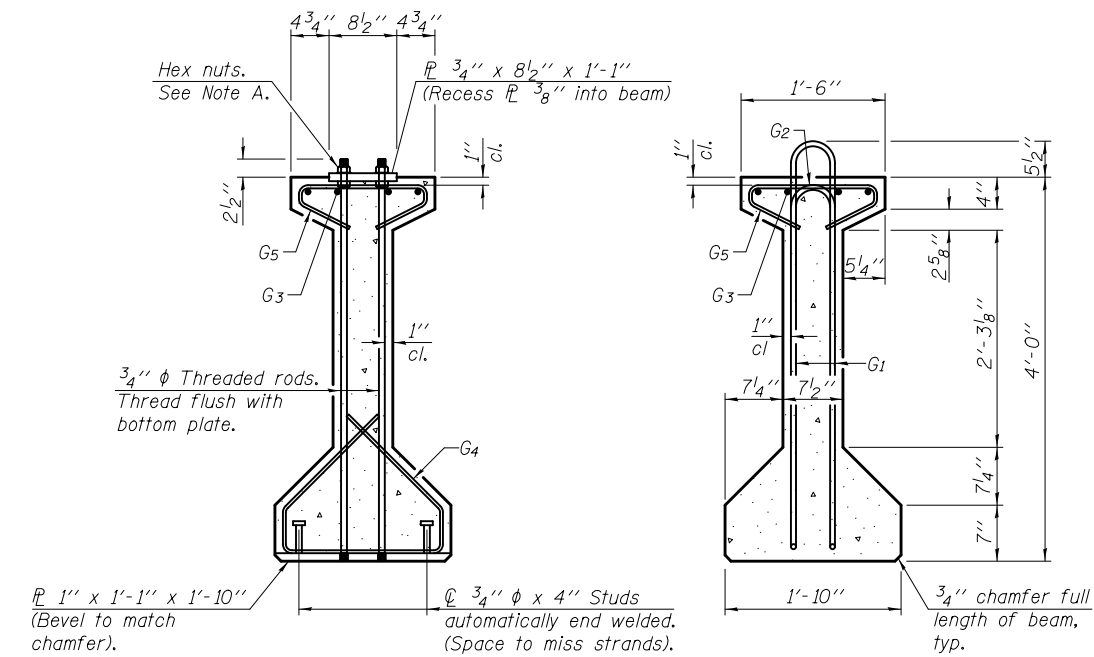
F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	45
CONTRACT NO. 64D18				
ILLINOIS FED. AID PROJECT				



**ELEVATION OF BEAM**  
(Showing reinforcement & dimensions)

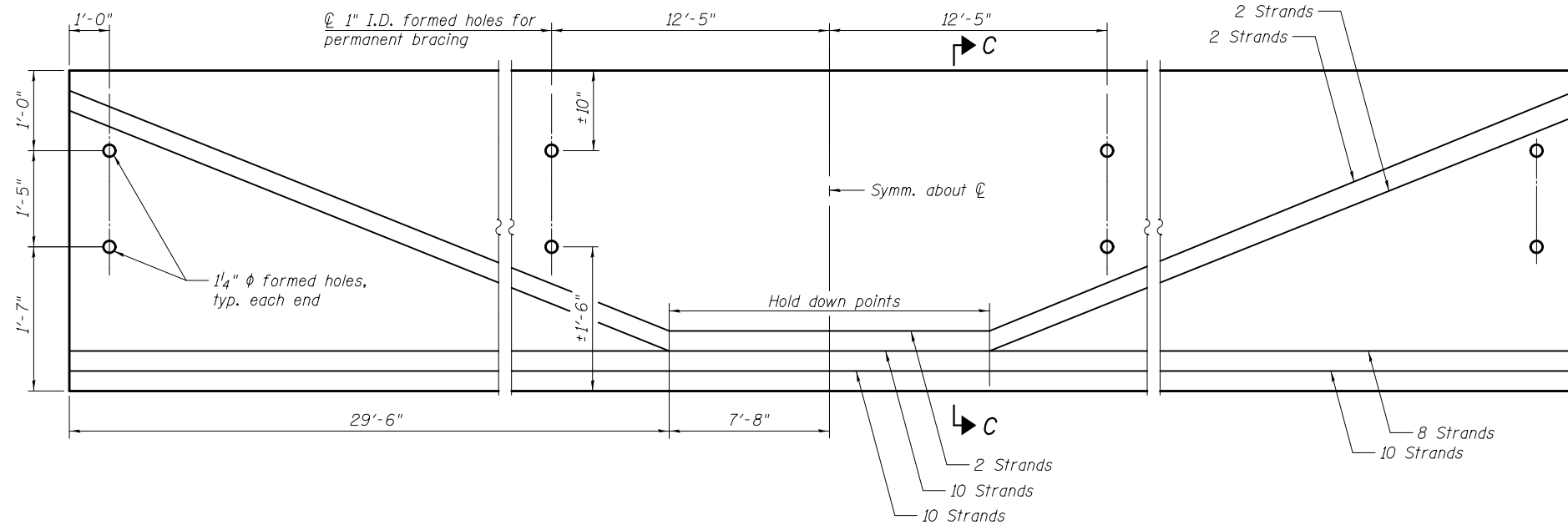
\* 3 spaces at 3" = 9".  
\*\* 4-3/4" φ threaded dowel rods at 3" cts., Each Face.

Note A:  
Hex nuts (top and bottom) with lock washers (top). Only tighten sufficiently to compress lock washers.

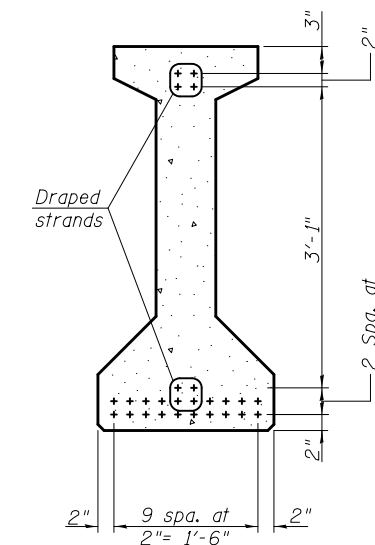


**SECTION A-A**

**SECTION B-B**



**ELEVATION OF BEAM**  
(Showing prestressing steel)



**SECTION C-C**

**\*\*\*BAR LIST  
ONE BEAM ONLY**

Bar	No.	Size	Length	Shape
G <sub>1</sub>	117	#4	9'-8"	⊏
G <sub>2</sub>	12	#4	7'-11"	⊏
G <sub>3</sub>	8	#7	39'-0"	⊏
G <sub>4</sub>	38	#3	5'-3"	⊏
G <sub>5</sub>	74	#3	2'-9"	⊏

\*\*\*For information only

Notes:  
See sheet 16 of 20 for additional details and Bill of Material.  
Required release strength, f'ci, shall be 5000 psi.

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**Wight**

DESIGNED -	BJM	REVISED -	
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DRAWN -	MWS	REVISED -	
CHECKED -	BJM	REVISED -	

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DEPARTMENT OF TRANSPORTATION**

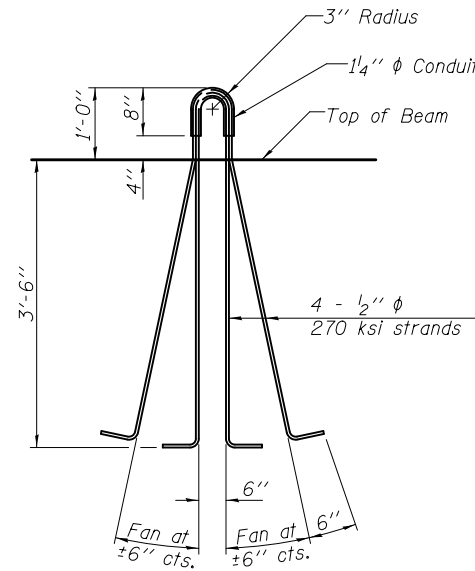
**48" PPC I-BEAM  
STRUCTURE NO. 081-0196**

SHEET NO. 15 OF 20 SHEETS

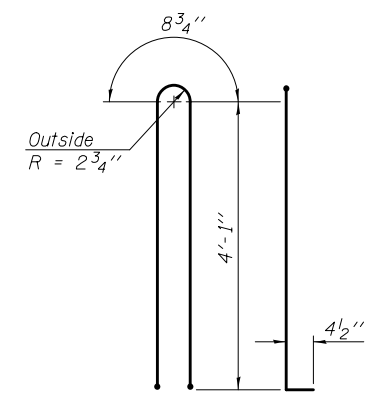
F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	46
CONTRACT NO. 64D18				
ILLINOIS FED. AID PROJECT				



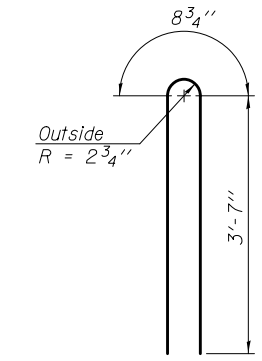
Notes:  
 Inserts for 3/4"  $\phi$  threaded dowel rods, when specified, are to be two strut, ferrule type for interior beams and single ferrule, flared loop type for exterior beams.  
 Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be 1/2" and the nominal cross-sectional area shall be 0.153 sq. in.  
 Reinforcement bars shall conform to ASTM A 706, Grade 60. (See Special Provisions). A minimum 2 1/2"  $\phi$  lifting pin shall be used to engage the lifting loops during handling. The top and bottom plates shall be AASHTO M270 Grade 50. The bottom plates and studs shall be galvanized according to AASHTO M111. Top plates and threaded rods need not be galvanized.  
 Threaded rods shall be ASTM F 1554 Grade 55.



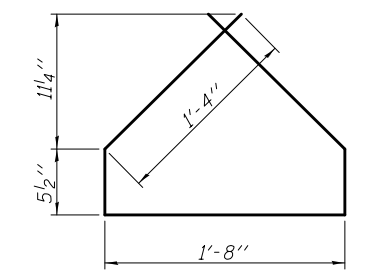
**LIFTING LOOP DETAIL**



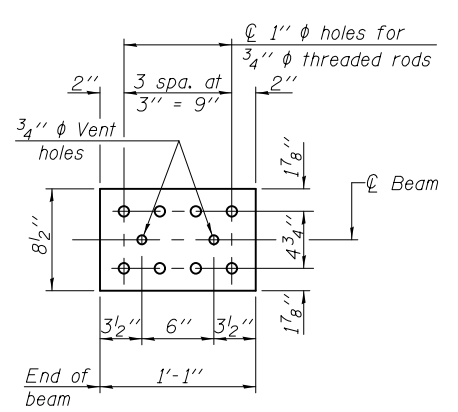
**BAR G1**



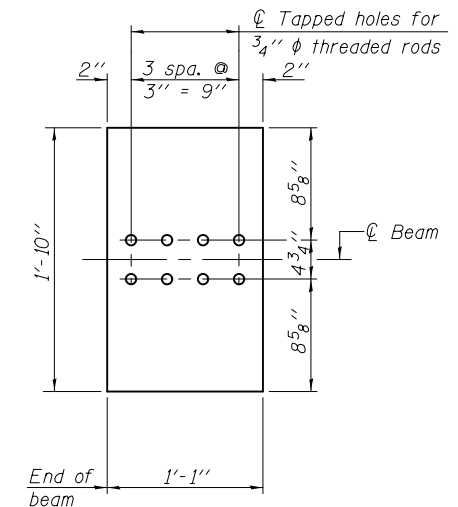
**BAR G2**



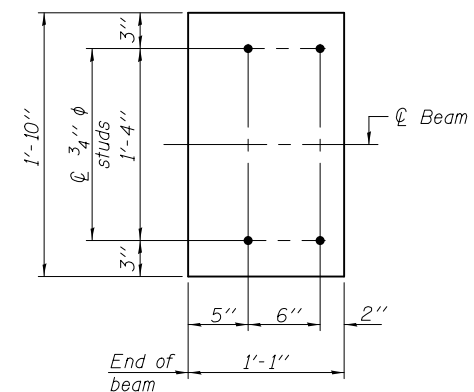
**BAR G4**



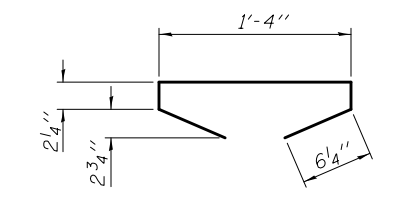
**TOP PLATE**



**BOTTOM PLATE**  
(Showing threaded rods)



**BOTTOM PLATE**  
(Showing studs)



**BAR G5**

**BILL OF MATERIAL**

Item	Unit	Total
Furnishing and Erecting Precast Prestressed Concrete I-Beams, 48"	Ft.	446

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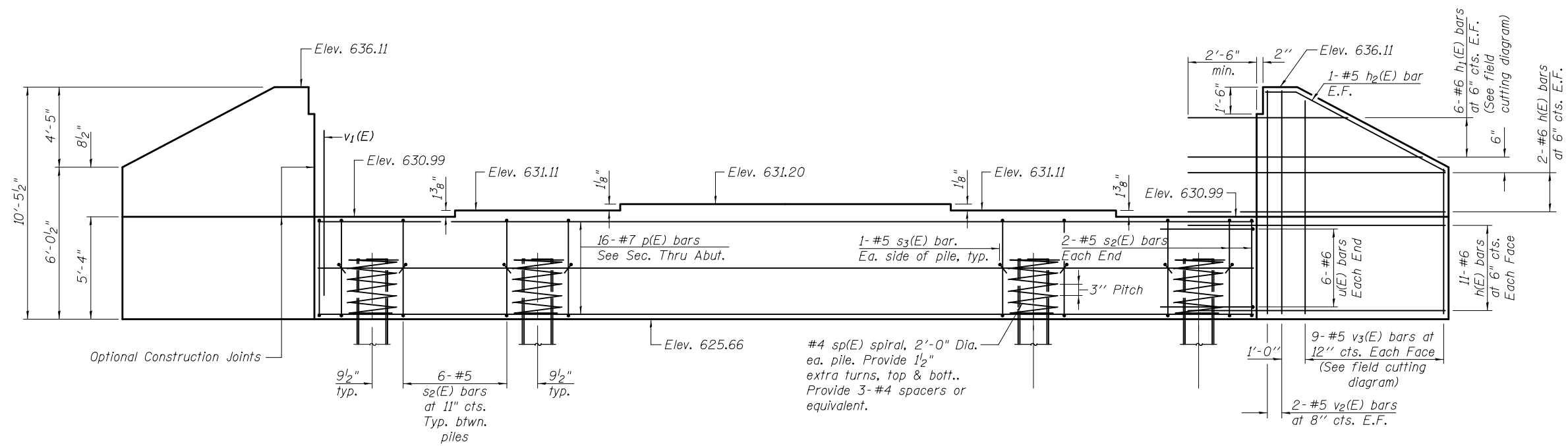
DESIGNED - BJM	REVISED -
CHECKED - MAS	REVISED -
DRAWN - BJM	REVISED -
CHECKED - BJM	REVISED -

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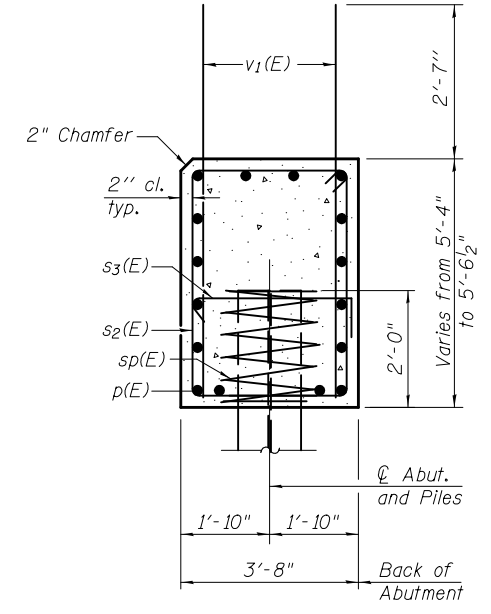
**48" PPC I-BEAM DETAILS  
STRUCTURE NO. 081-0196**

SHEET NO. 16 OF 20 SHEETS

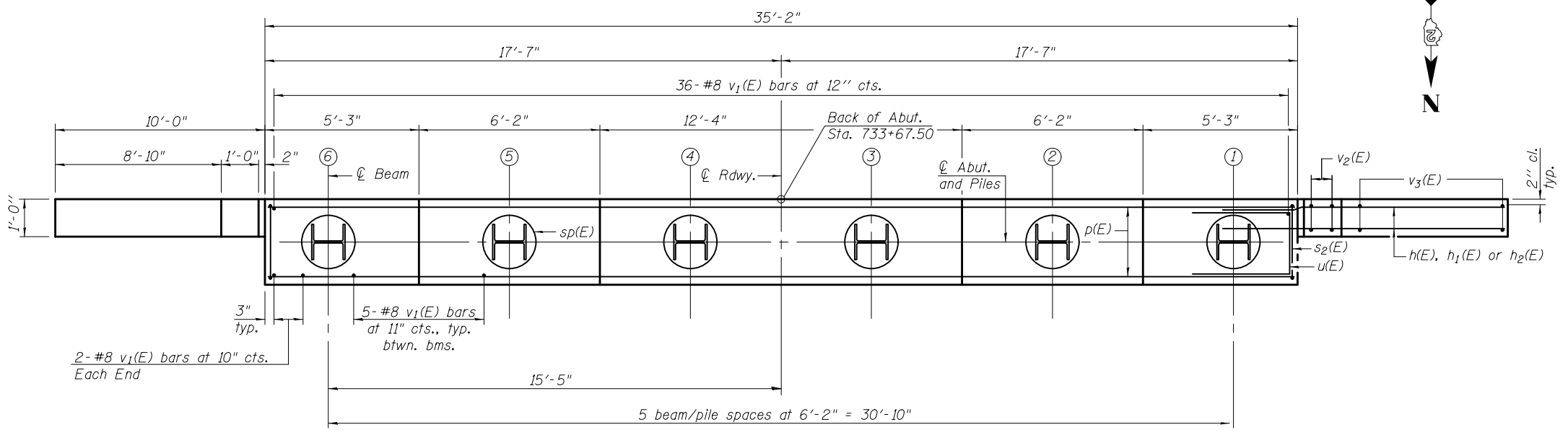
F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	47
CONTRACT NO. 64D18				
ILLINOIS FED. AID PROJECT				



**ELEVATION**



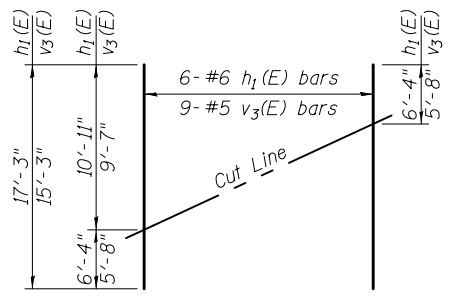
**SEC. THRU ABUT.**



**PLAN**

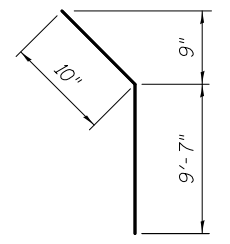
**PILE DATA**

Type: HP 14 x 73 with Pile Shoes  
 Nominal Required Bearing: 578 k  
 Factored Resistance Available: 318 k  
 Est. Length: 22 ft  
 No. Production Piles: 5  
 No. Test Piles: 1

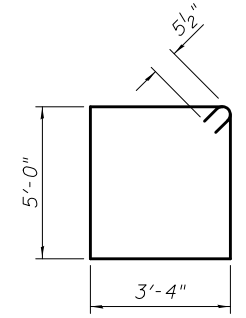


**FIELD CUTTING DIAGRAM**

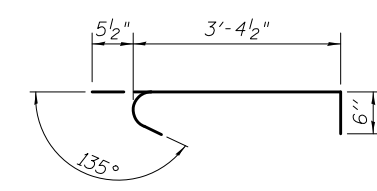
Order h<sub>1</sub>(E) and v<sub>3</sub>(E) full length. Cut as shown and use remainder of bars in opposite face.



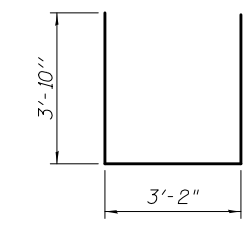
**BAR h<sub>2</sub>(E)**



**BAR s<sub>2</sub>(E)**



**BAR s<sub>3</sub>(E)**



**BAR u(E)**

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h(E)	52	#6	11'-10"	—
h <sub>1</sub> (E)	14	#6	17'-3"	—
h <sub>2</sub> (E)	4	#5	10'-5"	—
p(E)	16	#7	34'-10"	—
s <sub>2</sub> (E)	34	#5	17'-7"	□
s <sub>3</sub> (E)	12	#5	4'-4"	┌
* sp(E)	6	#4	2'-0"	≡≡≡
u(E)	12	#6	10'-10"	▭
v <sub>1</sub> (E)	65	#8	8'-0"	—
v <sub>2</sub> (E)	8	#5	10'-1"	—
v <sub>3</sub> (E)	18	#5	15'-3"	—
Structure Excavation		Cu. Yd.	92	
Concrete Structures		Cu. Yd.	30.3	
Reinforcement Bars, Epoxy Coated		Pound	5,380	
Furnishing Steel Piles HP 14x73		Foot	110	
Driving Piles		Foot	110	
Test Pile Steel HP 14x73		Each	1	
Pile Shoes		Each	6	
Geocomposite Wall Drain		Sq. Yd.	54	
Granular Backfill for Structures		Cu. Yd.	110	

\* Length is height of spiral.  
 For details of piles, see sheet 19 of 20.  
 For drainage details, see sheet 2 of 20.

Notes:  
 Pour steps monolithically with cap.

6/19/2013 5:32:13 PM 0810196\_64018\_017\_ABU101.dgn



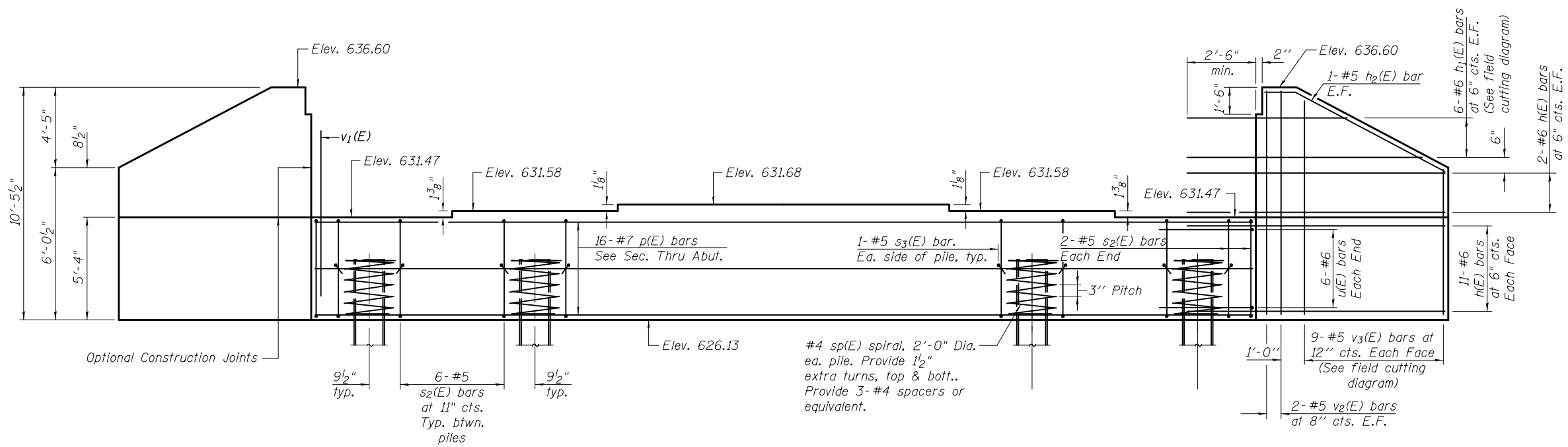
DESIGNED - MWS	REVISED -
CHECKED - BJM	REVISED -
DRAWN - MWS	REVISED -
CHECKED - BJM	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

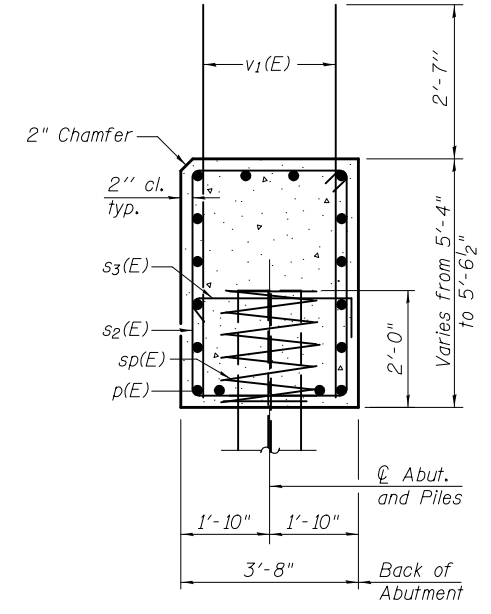
**SOUTH ABUTMENT  
 STRUCTURE NO. 081-0196**

SHEET NO. 17 OF 20 SHEETS

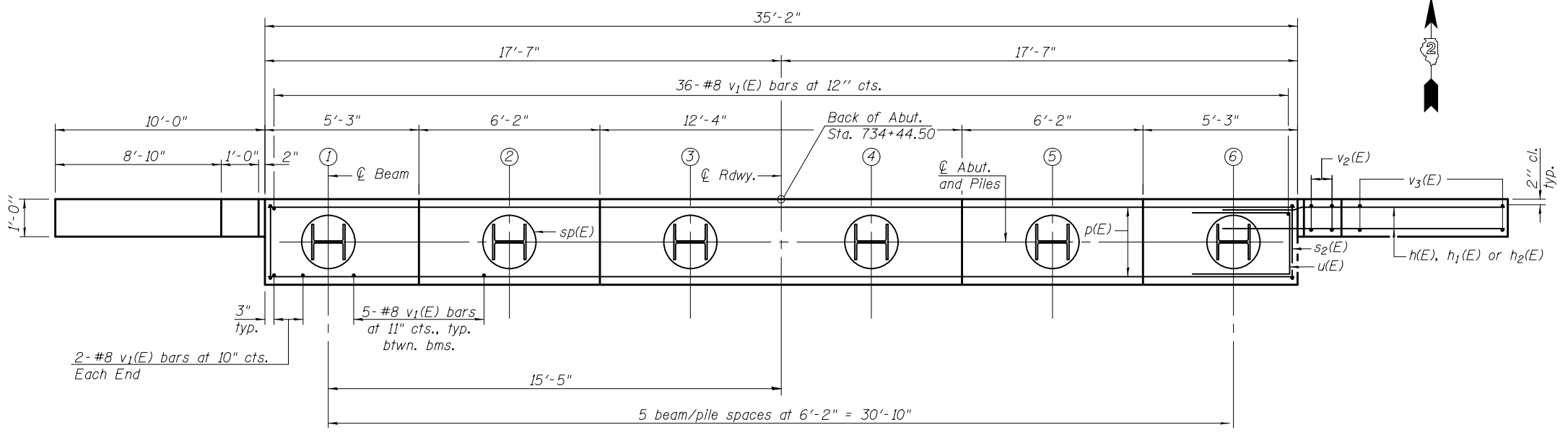
F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	48
CONTRACT NO. 64D18				
ILLINOIS FED. AID PROJECT				



**ELEVATION**



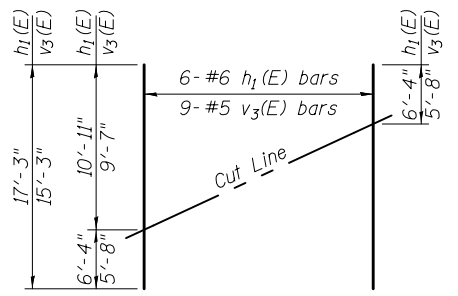
**SEC. THRU ABUT.**



**PLAN**

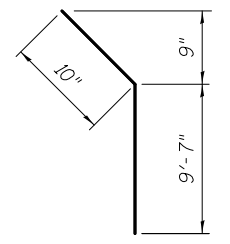
**PILE DATA**

Type: HP 14 x 73 with Pile Shoes  
 Nominal Required Bearing: 578 k  
 Factored Resistance Available: 318 k  
 Est. Length: 22 ft  
 No. Production Piles: 5  
 No. Test Piles: 1

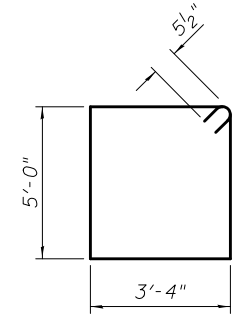


**FIELD CUTTING DIAGRAM**

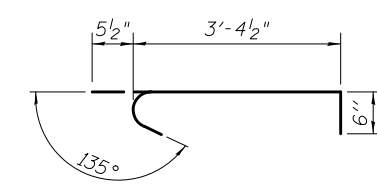
Order h1(E) and v3(E) full length. Cut as shown and use remainder of bars in opposite face.



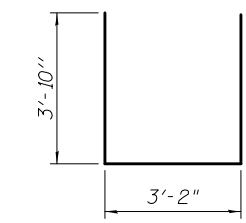
**BAR h2(E)**



**BAR s2(E)**



**BAR s3(E)**



**BAR u(E)**

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h(E)	52	#6	11'-10"	—
h1(E)	14	#6	17'-3"	—
h2(E)	4	#5	10'-5"	—
p(E)	16	#7	34'-10"	—
s2(E)	34	#5	17'-7"	□
s3(E)	12	#5	4'-4"	┌
sp(E)	5	#4	2'-0"	≡≡≡
u(E)	12	#6	10'-10"	□
v1(E)	65	#8	8'-0"	—
v2(E)	8	#5	10'-1"	—
v3(E)	18	#5	15'-3"	—
Structure Excavation		Cu. Yd.	92	
Concrete Structures		Cu. Yd.	30.3	
Reinforcement Bars, Epoxy Coated		Pound	5,380	
Furnishing Steel Piles HP 14x73		Foot	110	
Driving Piles		Foot	110	
Test Pile Steel HP 14x73		Each	1	
Pile Shoes		Each	6	
Geocomposite Wall Drain		Sq. Yd.	54	
Granular Backfill for Structures		Cu. Yd.	110	

\* Length is height of spiral.  
 For details of piles, see sheet 19 of 20.  
 For drainage details, see sheet 2 of 20.

Notes:  
 Pour steps monolithically with cap.

6/19/2013 5:32:14 PM 0810196\_64D18\_018\_ABUT02.dgn



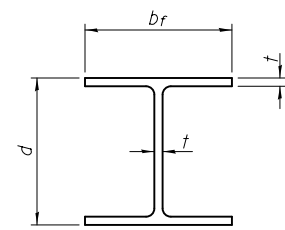
DESIGNED - MWS	REVISED -
CHECKED - BJM	REVISED -
DRAWN - MWS	REVISED -
CHECKED - BJM	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**NORTH ABUTMENT  
 STRUCTURE NO. 081-0196**

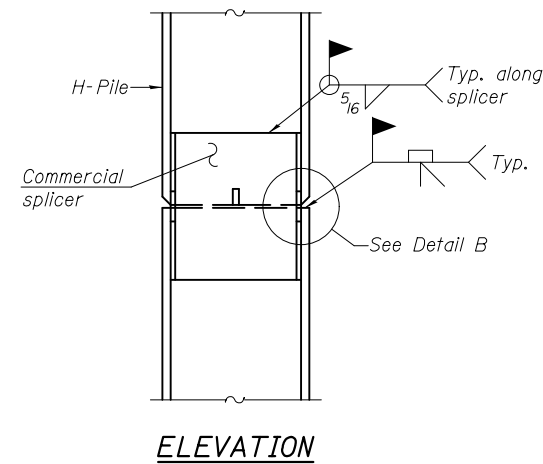
SHEET NO. 18 OF 20 SHEETS

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	49
CONTRACT NO. 64D18				
ILLINOIS FED. AID PROJECT				

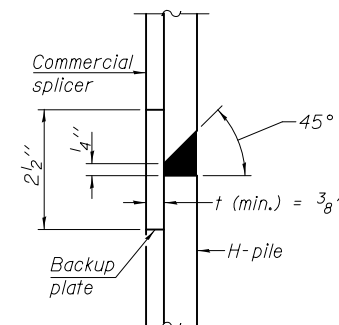


**STEEL PILE TABLE**

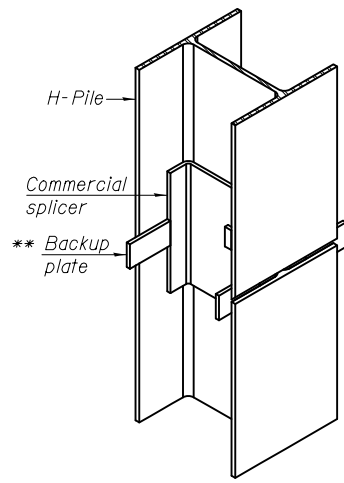
Designation	Depth d	Flange width br	Web and Flange thickness t	Encasement diameter A
HP 14x117	14 1/4"	14 7/8"	13/16"	30"
x102	14"	14 3/4"	1/16"	30"
x89	13 7/8"	14 3/4"	5/8"	30"
x73	13 5/8"	14 5/8"	1/2"	30"
HP 12x84	12 1/4"	12 1/4"	1/16"	24"
x74	12 1/8"	12 1/4"	5/8"	24"
x63	12"	12 1/8"	1/2"	24"
x53	11 3/4"	12"	7/16"	24"
HP 10x57	10"	10 1/4"	9/16"	24"
x42	9 3/4"	10 1/8"	7/16"	24"
HP 8x36	8"	8 1/8"	7/16"	18"



**ELEVATION**

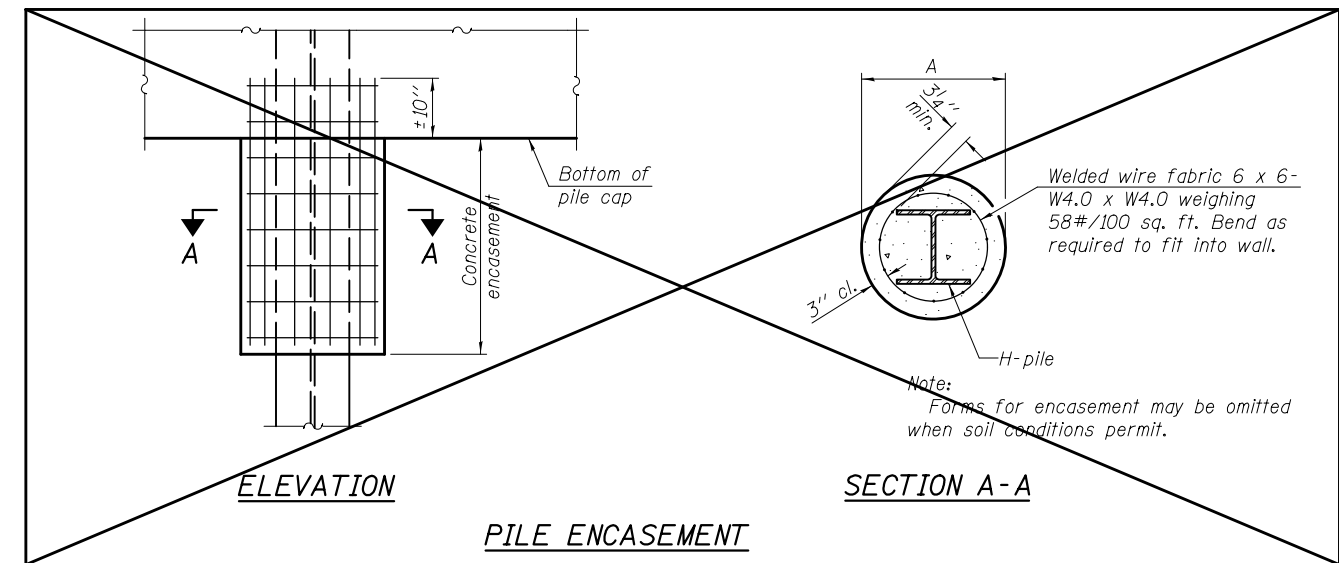


**DETAIL "B"**



**ISOMETRIC VIEW**

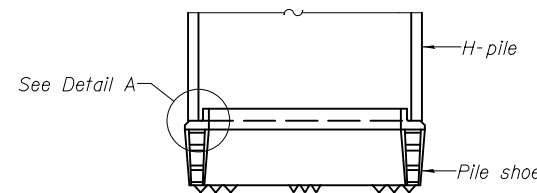
**WELDED COMMERCIAL SPLICE**



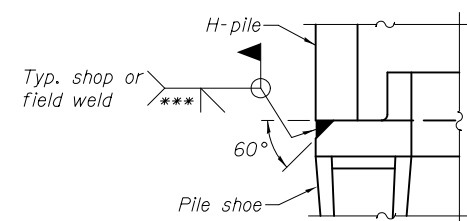
**ELEVATION**

**SECTION A-A**

**PILE ENCASEMENT**

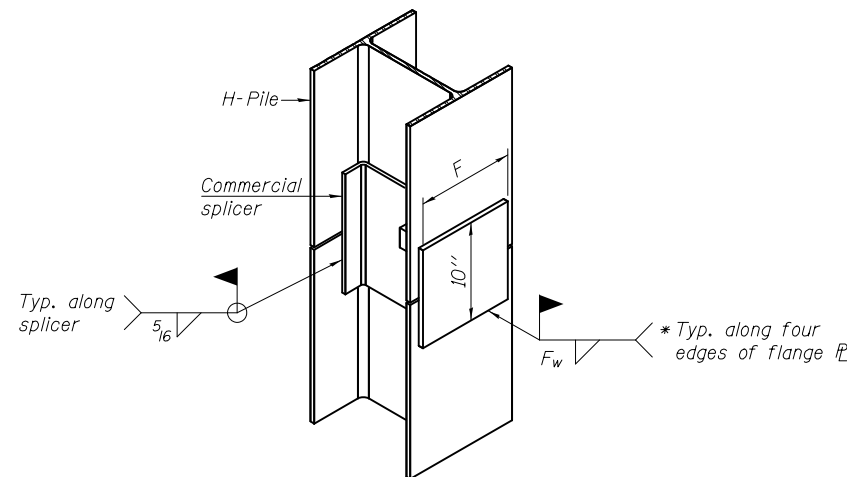


**ELEVATION**



**DETAIL A**

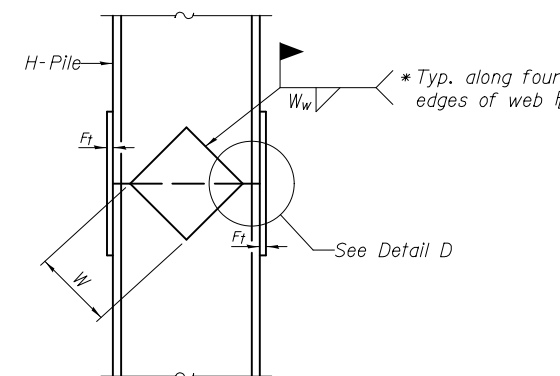
**H-PILE SHOE ATTACHMENT**



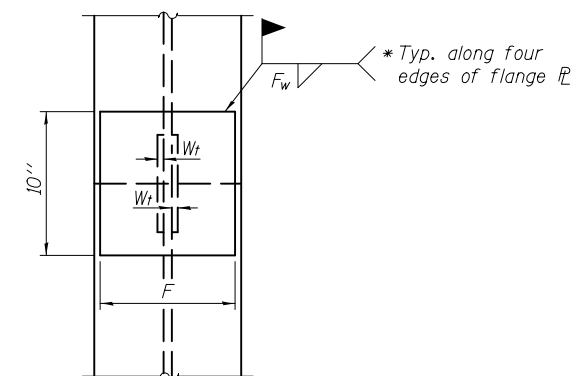
**ISOMETRIC VIEW**

**WELDED COMMERCIAL SPLICE ALTERNATE**

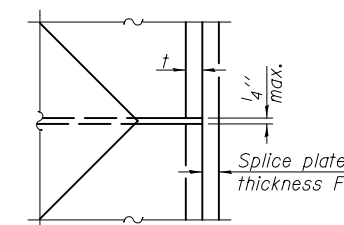
- \* Interrupt welds 1/4" from end of web and/or each flange.
- \*\* Remove portions of backup plates that extend outside the flanges.
- \*\*\* Weld size per pile shoe manufacturer (5/16" min.).



**ELEVATION**



**END VIEW**



**DETAIL D**

**WELDED PLATE FIELD SPLICE**

Designation	F	F <sub>t</sub>	F <sub>w</sub>	W	W <sub>t</sub>	W <sub>w</sub>
HP 14x117	12 1/2"	1"	7/8"	7 3/4"	5/8"	1/2"
x102	12 1/2"	7/8"	3/4"	7 3/4"	5/8"	1/2"
x89	12 1/2"	3/4"	1/16"	7 3/4"	5/8"	1/2"
x73	12 1/2"	5/8"	9/16"	7 3/4"	5/8"	1/2"
HP 12x84	10"	7/8"	1/16"	6 1/2"	5/8"	1/2"
x74	10"	7/8"	1/16"	6 1/2"	5/8"	1/2"
x63	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
x53	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
HP 10x57	8"	3/4"	9/16"	5 1/4"	1/2"	3/8"
x42	8"	5/8"	9/16"	5 1/4"	1/2"	3/8"
HP 8x36	7"	5/8"	7/16"	4 1/4"	1/2"	3/8"

Note:  
The steel H-piles shall be according to AASHTO M270 Grade 50.

6/19/2013 5:32:14 PM 0810196\_64D18\_013\_P1L01.dgn

F-HP 1-27-12



DESIGNED - MWS	REVISD -
CHECKED - BJM	REVISD -
DRAWN - MWS	REVISD -
CHECKED - BJM	REVISD -

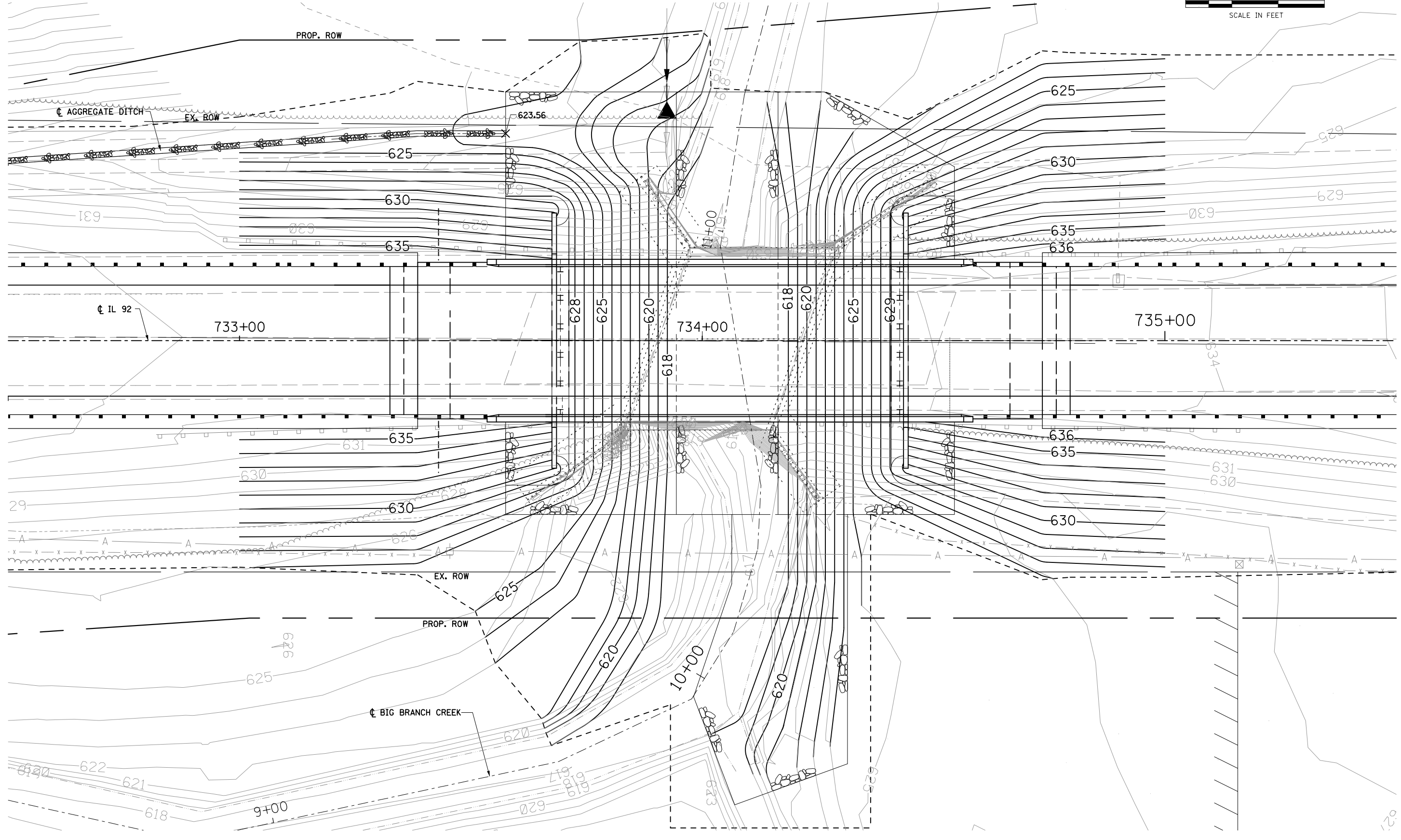
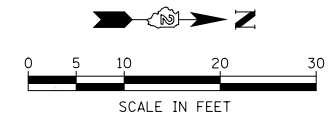
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HP PILE DETAILS  
STRUCTURE NO. 081-0196

SHEET NO. 19 OF 20 SHEETS

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	50
CONTRACT NO. 64D18				
ILLINOIS FED. AID PROJECT				





PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	NOTE BOOK NO.	
	CARD FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	STRUCTURE	

FILE NAME = D206907.sht.grd\_01.dgn



USER NAME = mzmurlo	DESIGNED KAC	REVISED
	DRAWN KMB	REVISED
PLOT SCALE = 20.0000' / in.	CHECKED KAC	REVISED
PLOT DATE = 6/19/2013	DATE 05-03-2013	REVISED

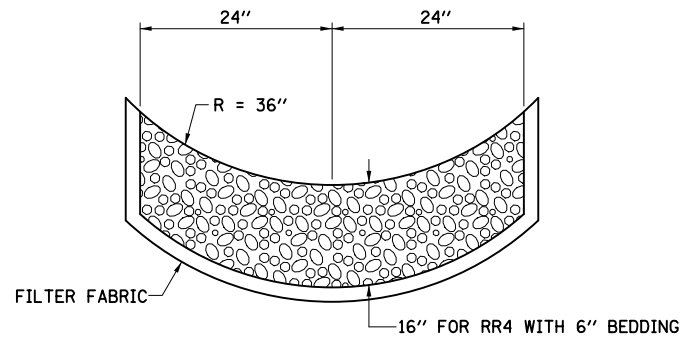
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 92 OVER BIG BRANCH CREEK GRADING PLAN			
SCALE: 1" = 10'	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE. 599	SECTION 103MFT-BR	COUNTY ROCK ISLAND	TOTAL SHEETS 88	SHEET NO. 52
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64D18	

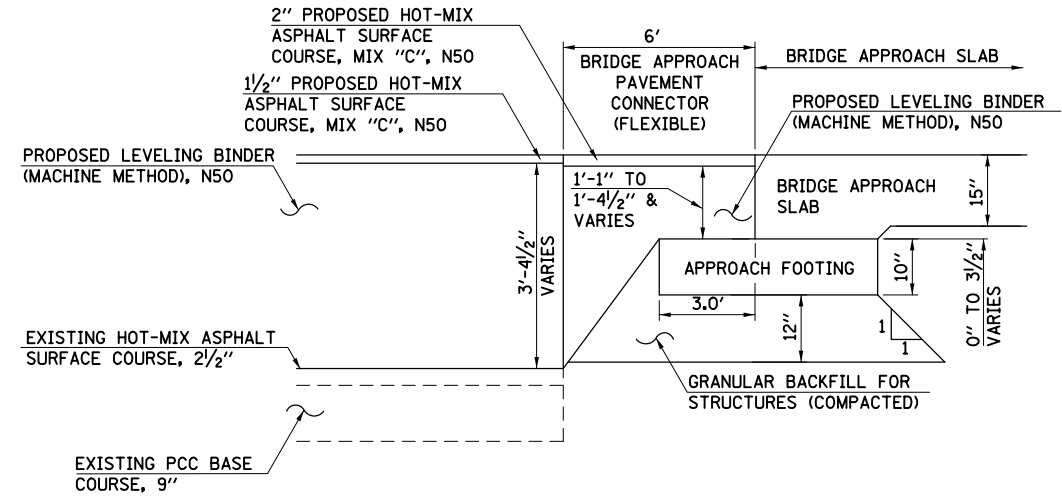
PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	



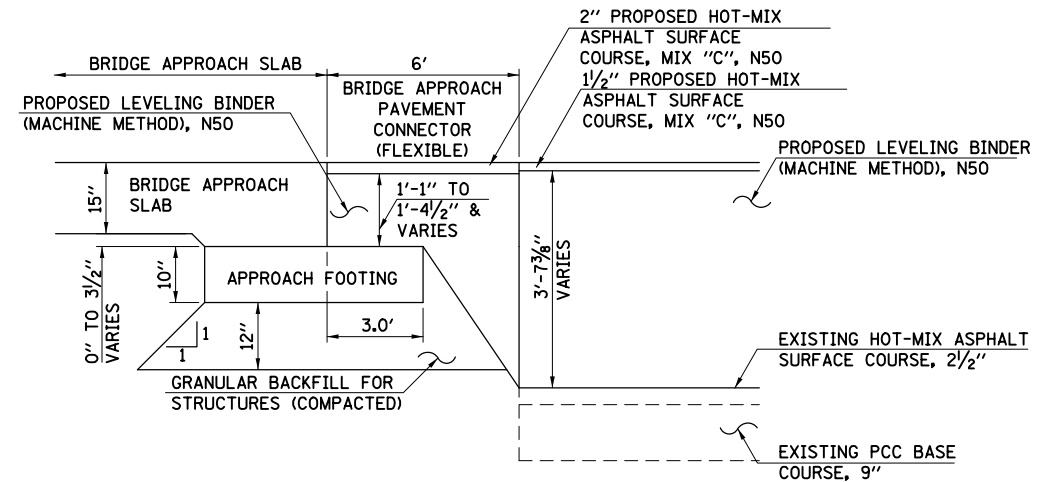
THIS WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 281. STONE LINED DITCH WILL BE MEASURED FOR PAYMENT IN PLACE AND THE AREA COMPUTED IN SQUARE YARDS OF ACTUAL SURFACE AREA. STONE LINED DITCH WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR STONE RIPRAP CLASS A4. THE FILTER FABRIC SHALL BE ACCORDING TO SECTION 282. FILTER FABRIC WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR FILTER FABRIC.

**STONE LINED DITCH**



**SOUTH BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)**

STA. 733+32.5 TO STA. 733+38.5



**NORTH BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)**

STA. 734+73.5 TO STA. 734+79.5

FILE NAME = D206907.sht.det\_01.dgn



USER NAME = mszmurlo	DESIGNED KAC	REVISED
	DRAWN KMB	REVISED
PLOT SCALE = 10.0000' / 1"	CHECKED KAC	REVISED
PLOT DATE = 6/19/2013	DATE 05-03-2013	REVISED

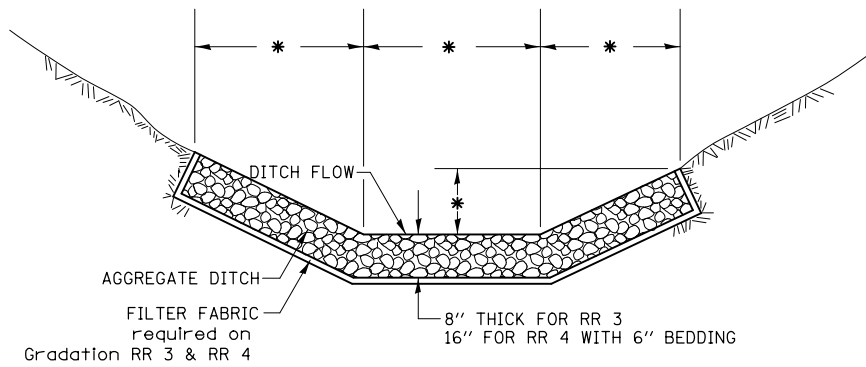
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 92 OVER BIG BRANCH CREEK  
CONSTRUCTION DETAILS

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	53
CONTRACT NO. 64D18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

# AGGREGATE DITCH FOR FLEXIBLE DITCH LINING



\* REFER TO TYPICAL SECTIONS FOR DIMENSIONS

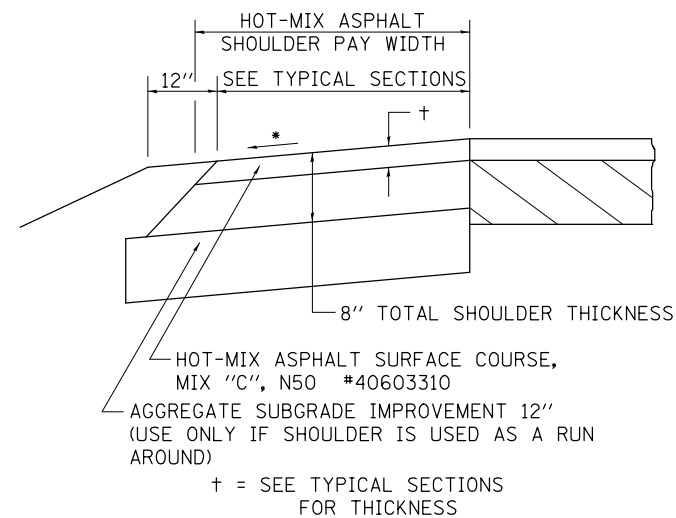
THIS WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 281. AGGREGATE DITCH WILL BE MEASURED FOR PAYMENT IN PLACE AND THE AREA COMPUTED IN SQUARE YARDS OF ACTUAL SURFACE AREA. AGGREGATE DITCH WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR STONE RIPRAP CLASS A3 OR STONE RIPRAP CLASS A4 THE FILTER FABRIC SHALL BE ACCORDING TO SECTION 282. FILTER FABRIC WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR FILTER FABRIC.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 7-05-12

## AGGREGATE DITCH FOR FLEXIBLE DITCH LINING 21.4

# HOT-MIX ASPHALT SHOULDER



### GENERAL NOTES

THE HOT-MIX ASPHALT SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310 AND SQUARE YARD FOR HOT-MIX ASPHALT SHOULDERS OF THE THICKNESS SPECIFIED.

USE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310. WHEN RESURFACING EXISTING HOT-MIX ASPHALT SHOULDERS. THE THICKNESS IS SHOWN ON THE TYPICAL SECTIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310.

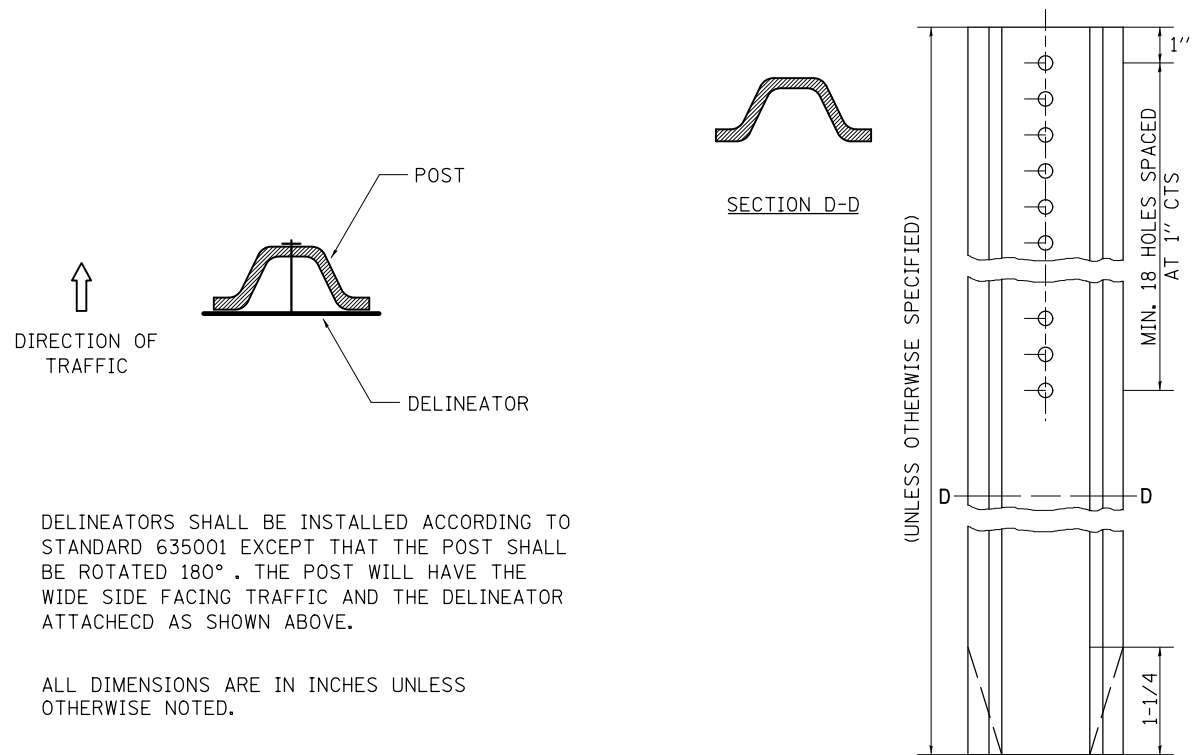
REMOVAL OF MATERIAL FOR PLACEMENT OF THE HOT-MIX ASPHALT SHOULDER TO BE PAID FOR IN UNITS FOR EXCAVATING AND GRADING EXISTING SHOULDERS OR IN CUBIC YARDS FOR EARTH EXCAVATION OR EARTH EXCAVATION WIDENING.

\* 4% WHEN MAINLINE IS ON TANGENT. FOR CROSS SLOPE ON SUPERELEVATION SECTION, SEE HIGHWAY STANDARD 482001 OR 482006.

REVISED - 3-13-13

## HOT-MIX ASPHALT SHOULDER 23.4a

# DELINEATOR AND POST ORIENTATION



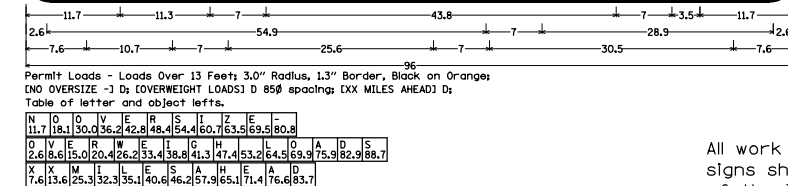
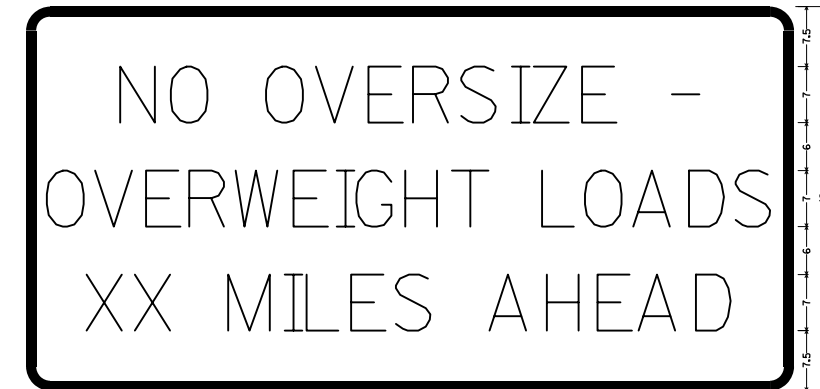
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11

## DELINEATOR AND POST ORIENTATION 37.4

# ROAD CLOSED TO OVERSIZED LOADS



All work to furnish and install these signs shall be included in the cost of the Traffic Control Standards and shall not be paid for separately.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 3-11-09

## ROAD CLOSED TO OVERSIZED LOADS 40.4

FILE NAME = D206907.sht.dwt\_02.dgn



USER NAME = mszmurlo	DESIGNED KAC	REVISED
DRAWN KMB	CHECKED KAC	REVISED
PLOT SCALE = 2.0000' / in.	DATE 05-03-2013	REVISED
PLOT DATE = 6/19/2013		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 92 OVER BIG BRANCH CREEK DISTRICT 2 STANDARDS 21.4, 23.4a, 37.4, AND 40.4			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	54
CONTRACT NO. 64D18			ILLINOIS FED. AID PROJECT	







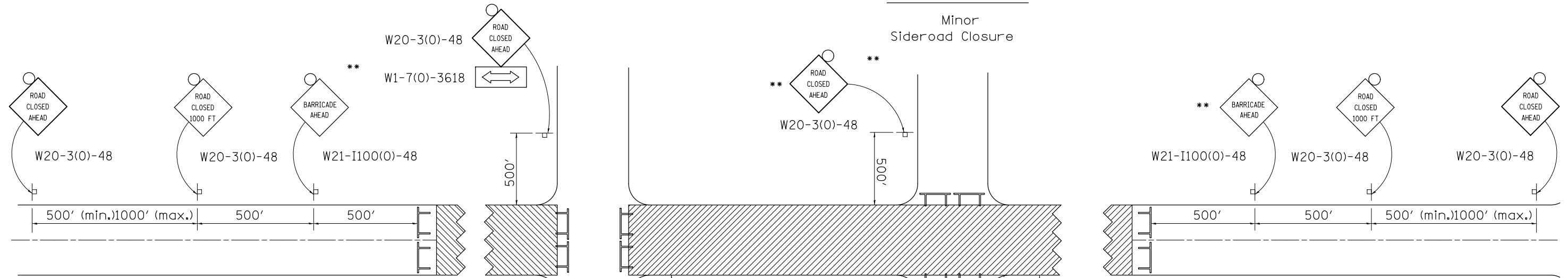




# TRAFFIC CONTROL FOR ROAD CLOSURE

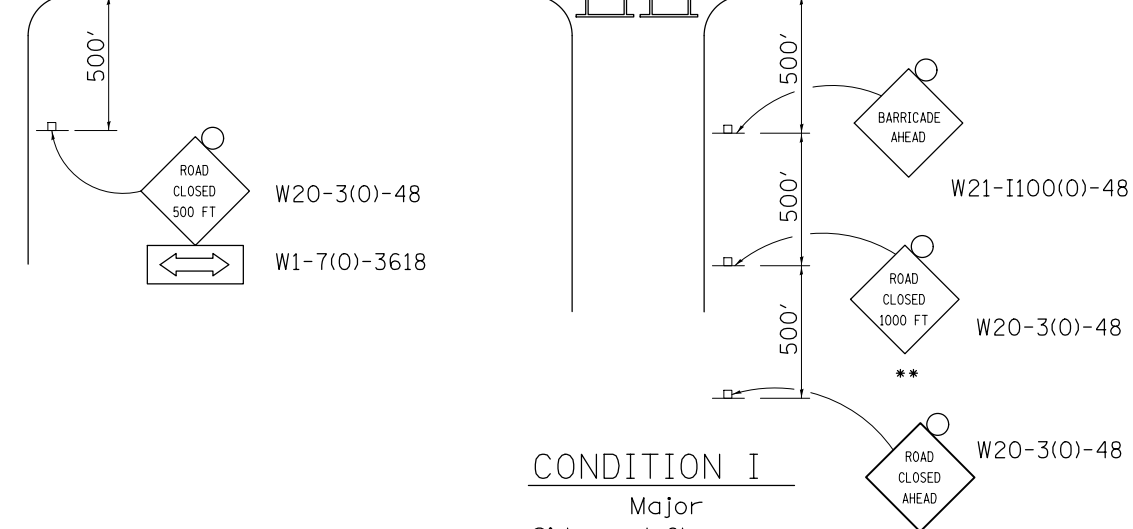
## CONDITION II

Minor Sideroad Closure



## CONDITION I

Major Sideroad Closure



### GENERAL NOTES

Longitudinal dimensions may be adjusted to fit field conditions.

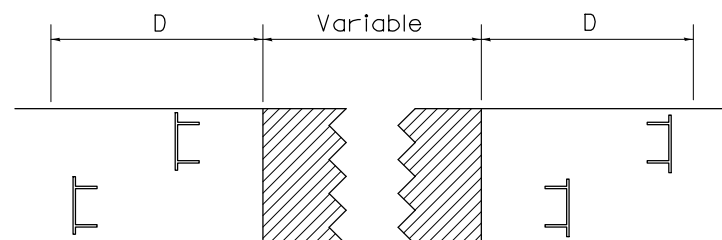
When speed limit is less than 45mph, change sign spacing to 250' and change ROAD CLOSED 1000 FT to ROAD CLOSED 500 FT.

Side roads requiring all three signs as shown in CONDITION I (Major Sideroad Closure), shall be listed in the special provision.

\*\* Where local access is to be maintained, barricades are to be set up as shown in Road Closed to thru traffic. Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Traffic" detail on Highway Standard 701901.

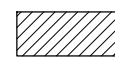
All dimensions are in inches unless otherwise shown.

### ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP



Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To Thru Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 2000' an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

### SYMBOLS



Work area



Type III Barricade with Flashers



Sign with flashing light

TYPICAL APPLICATION FOR ROAD CLOSURE

## TRAFFIC CONTROL FOR ROAD CLOSURE

40.1

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	CHECKED	
	ALIGNED	
	FILED	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	
NO.	STRUCTURE	
	NOTATIS CHFD	

FILE NAME = D206907.sht.dwt.dgn

**Wight**

USER NAME = mszmurlo	DESIGNED -	REVISED - 10-17-11
	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/19/2013	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

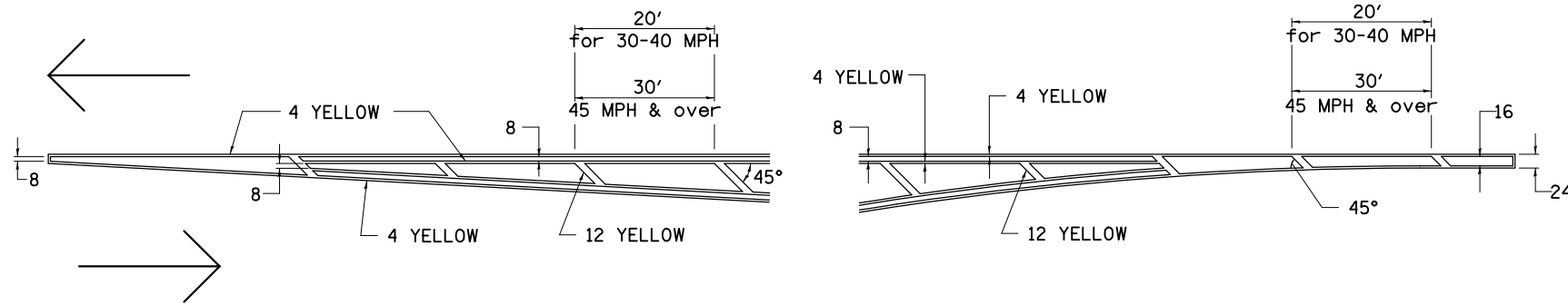
IL 92 OVER BIG BRANCH CREEK  
DISTRICT 2 STANDARD 40.1

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

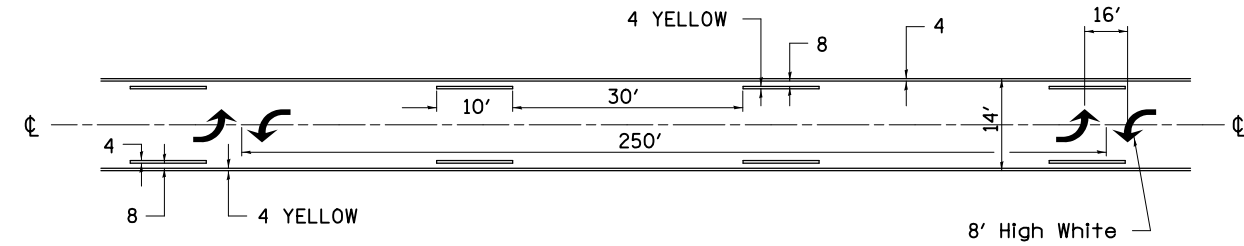
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	59
CONTRACT NO. 64D18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

# TYPICAL PAVEMENT MARKINGS

## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

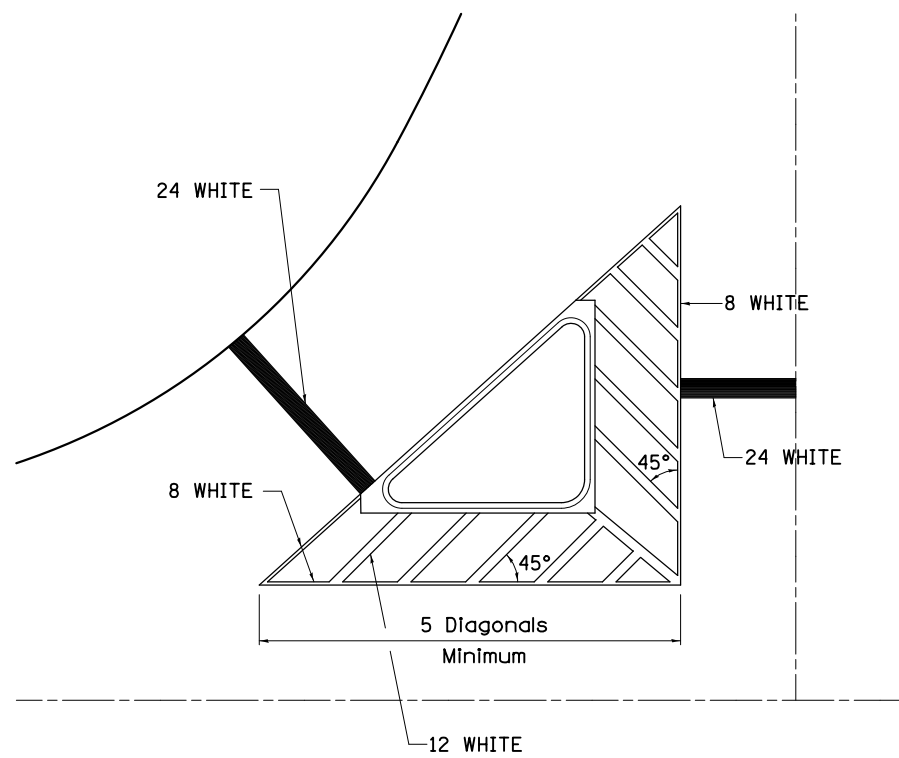


## MEDIAN PAVEMENT MARKING

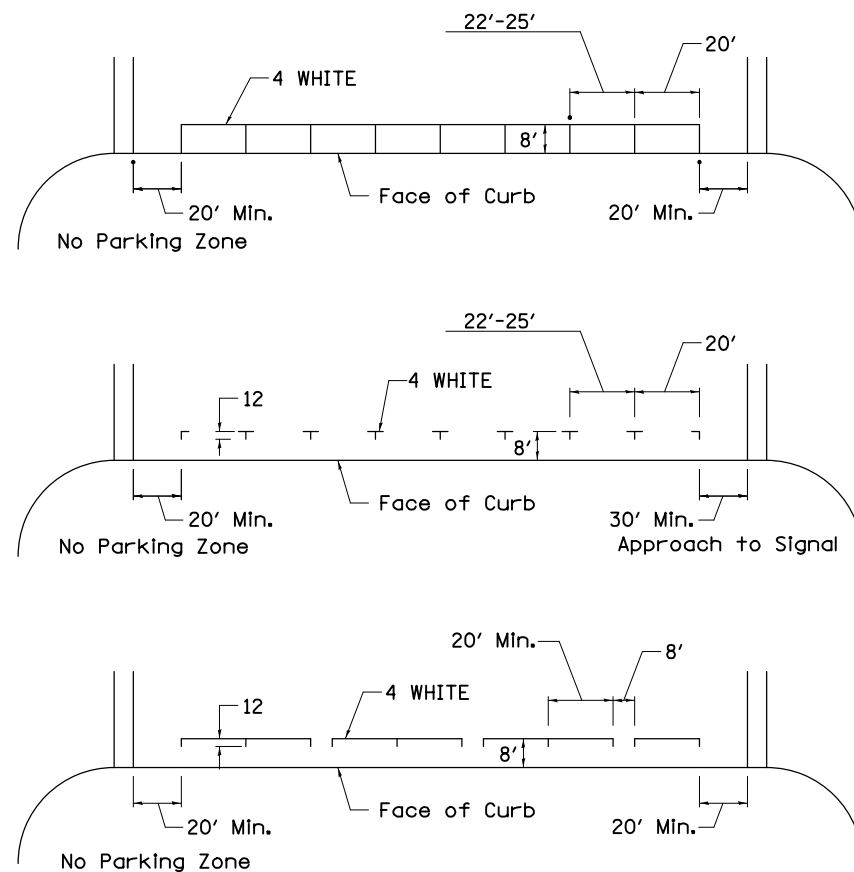


\*\* ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

## TYPICAL ISLAND OFFSET SHOULDER WIDTH

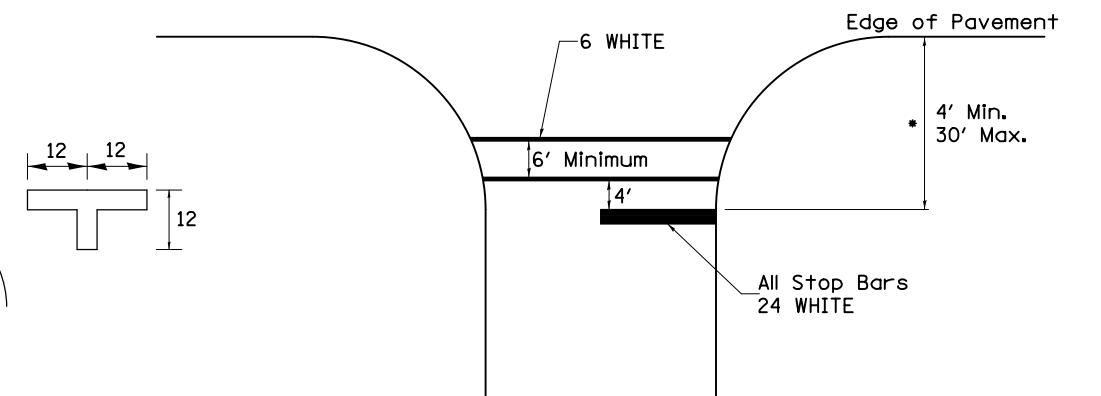


## TYPICAL PARKING SPACING



## STANDARD CROSSWALK MARKING

See Schedules for Locations



• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	ALIGNED	
	FILED	
	NO.	

FILE NAME = D208097.shl.dwg



USER NAME = mszmurlo	DESIGNED -	REVISED - 3-05-12
	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/19/2013	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

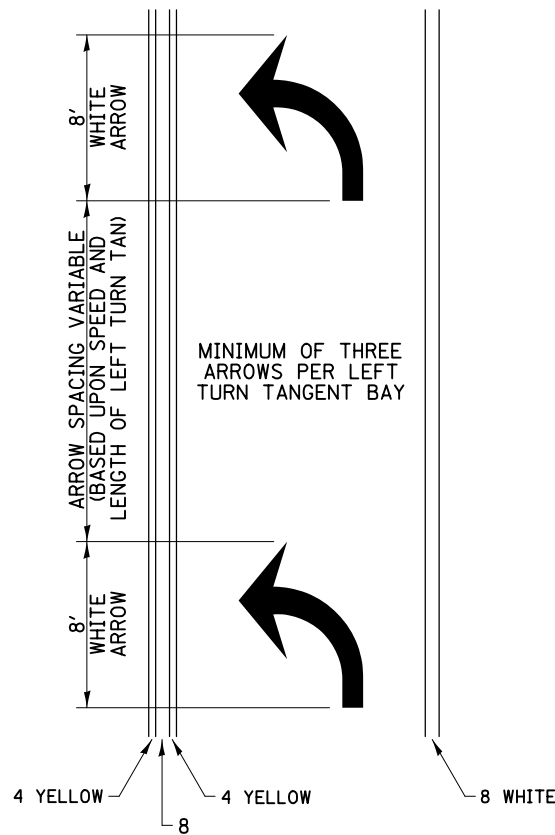
IL 92 OVER BIG BRANCH CREEK  
DISTRICT 2 STANDARD 41.1

SCALE: SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	60
CONTRACT NO. 64D18				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# TYPICAL PAVEMENT MARKINGS

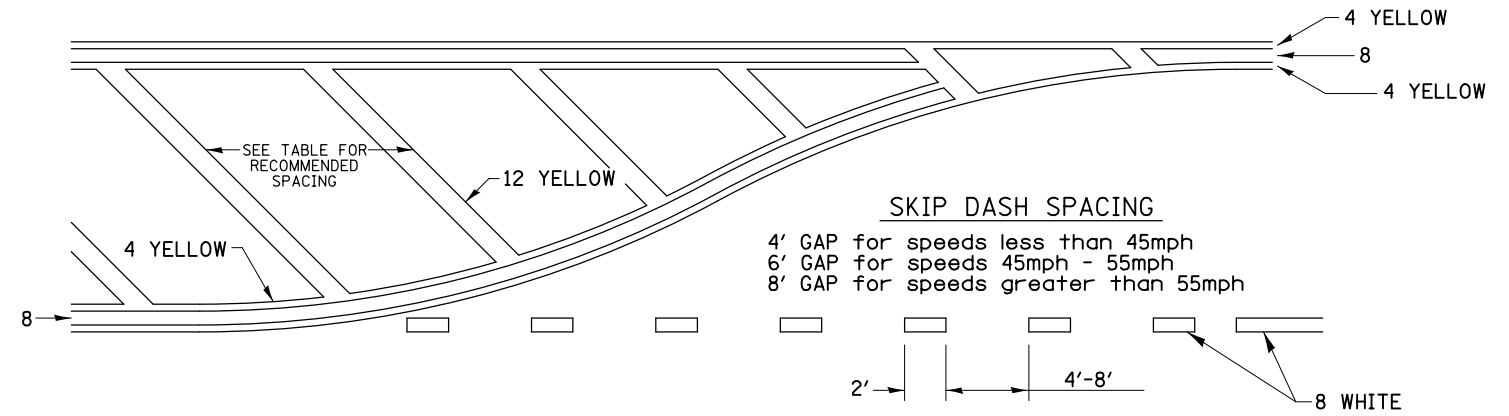
## ARROW LAYOUT



- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

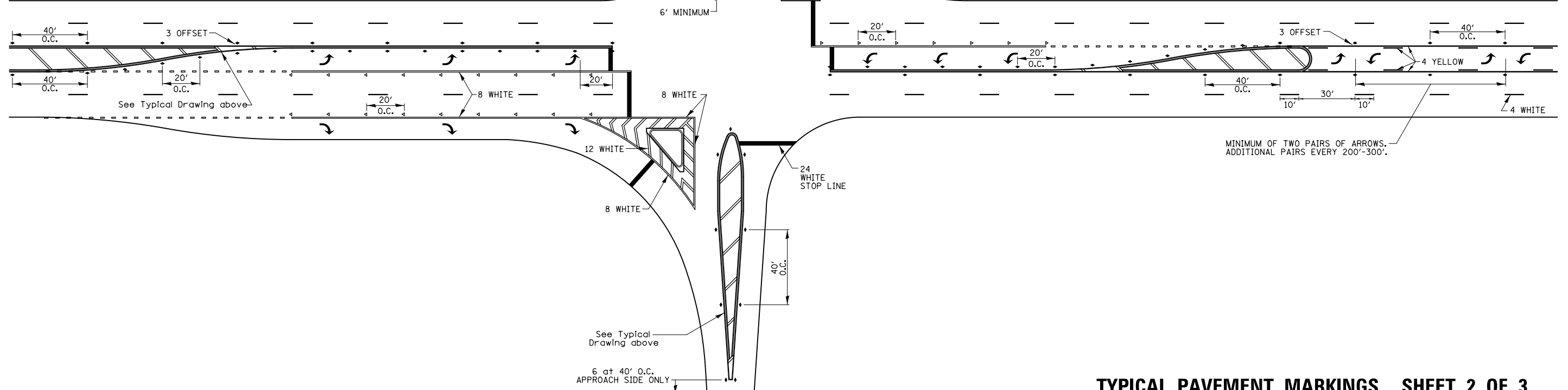
## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



### RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

NOTE: If the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



## TYPICAL PAVEMENT MARKINGS SHEET 2 OF 3 41.1



USER NAME = mszmurlo	DESIGNED -	REVISED - 3-05-12
PLOT SCALE = 2.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/19/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 92 OVER BIG BRANCH CREEK  
DISTRICT 2 STANDARD 41.1

SCALE: SHEET NO. 2 OF 3 SHEETS STA. TO STA.

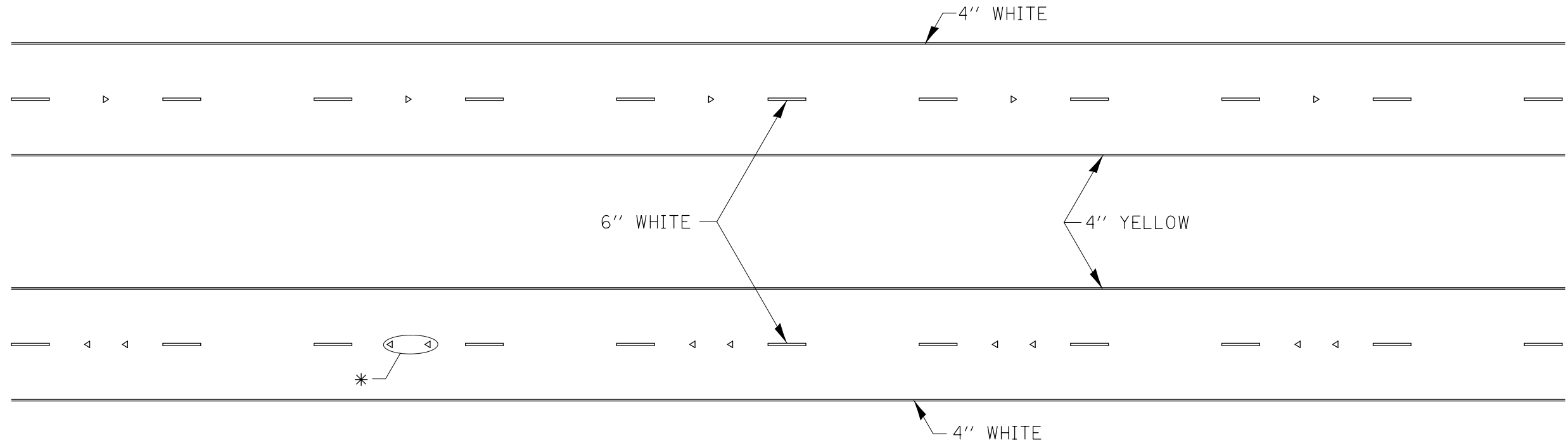
F.A.P. RTE. 599	SECTION 103MFT-BR	COUNTY ROCK ISLAND	TOTAL SHEETS 88	SHEET NO. 61
CONTRACT NO. 64D18			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
CARD FILE NAME	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	GRADES CHECKED	
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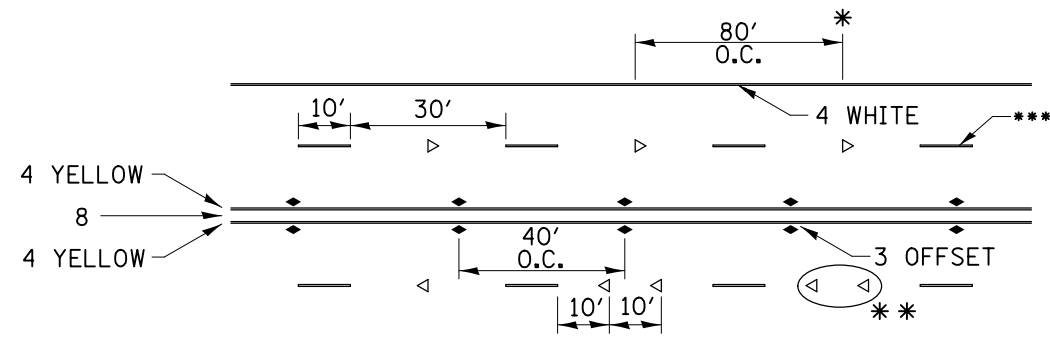
FILE NAME = D206807\_sht.dwg

# TYPICAL PAVEMENT MARKINGS



\* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.  
USE DOUBLE MARKERS WHEN ADT  $\geq$  20,000.

## MULTI-LANE / DIVIDED



SYMBOLS

\* REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.

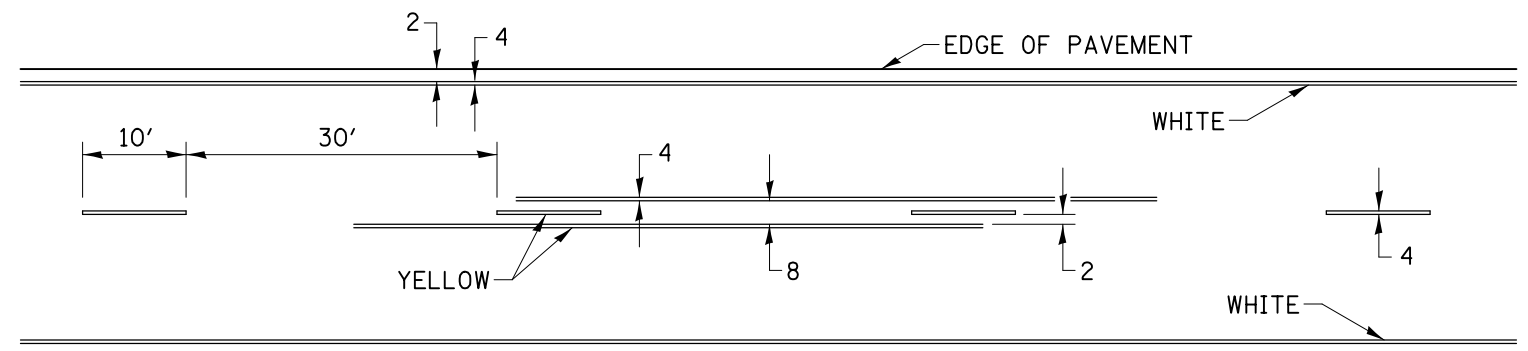
\*\* USE DOUBLE MARKERS WHEN ADT  $\geq$  20,000

\*\*\* CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE SPEED LIMIT 40 MPH AND OVER USE 6" LINE

## MULTI-LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS DETAIL NOT HIGHWAY STANDARD 781001)

## TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES



PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	ALIGNMENT	
	GRADES	
	STRUCTURE	
	NOT AT THIS OFFICE	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
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	ALIGNMENT	
	GRADES	
	STRUCTURE	
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USER NAME = mszmurlo	DESIGNED -	REVISED - 11-28-12
	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/19/2013	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 92 OVER BIG BRANCH CREEK  
DISTRICT 2 STANDARD 41.1

SCALE: SHEET NO. 3 OF 3 SHEETS STA. TO STA.

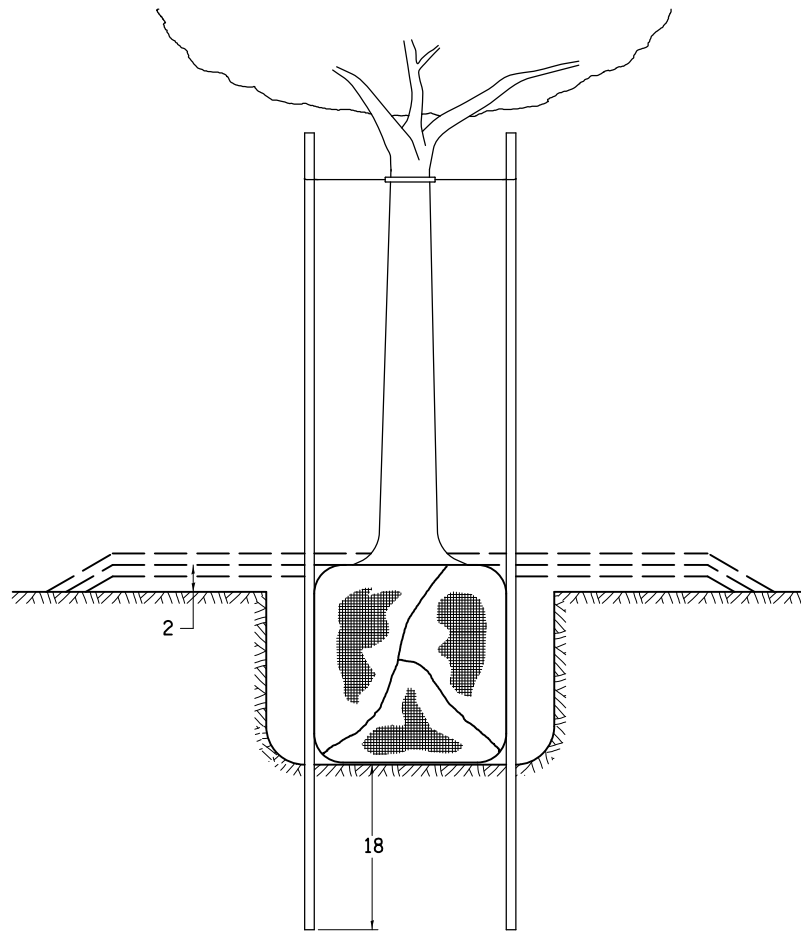
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	62
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 64D18	



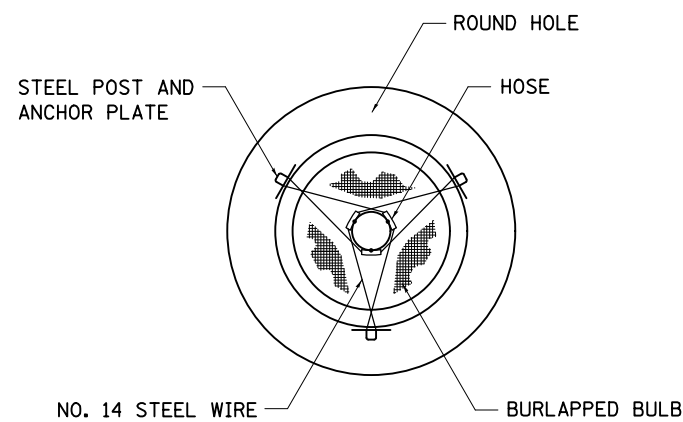
# DETAILS OF PLANTING AND BRACING TREES

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 ALIGNED \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 NOTE BOOK NO. \_\_\_\_\_  
 CAD FILE NAME \_\_\_\_\_

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_  
 GRADES CHECKED \_\_\_\_\_  
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 NOTE BOOK NO. \_\_\_\_\_

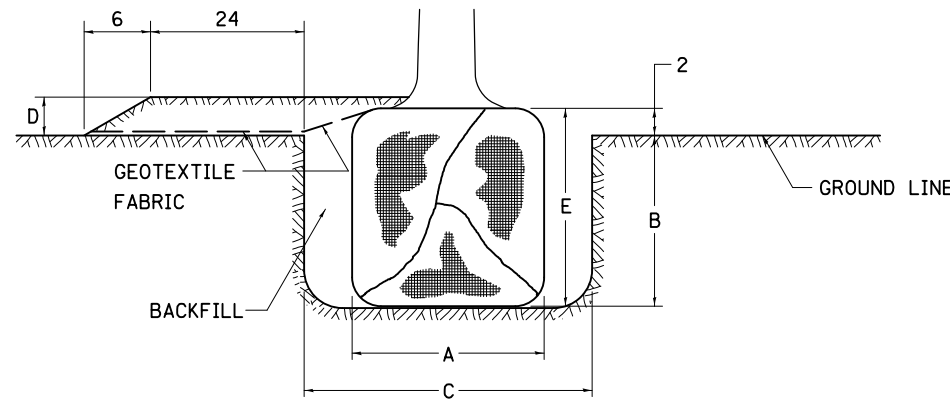


TREES SMALLER THAN 4 1/2 IN DIAMETER

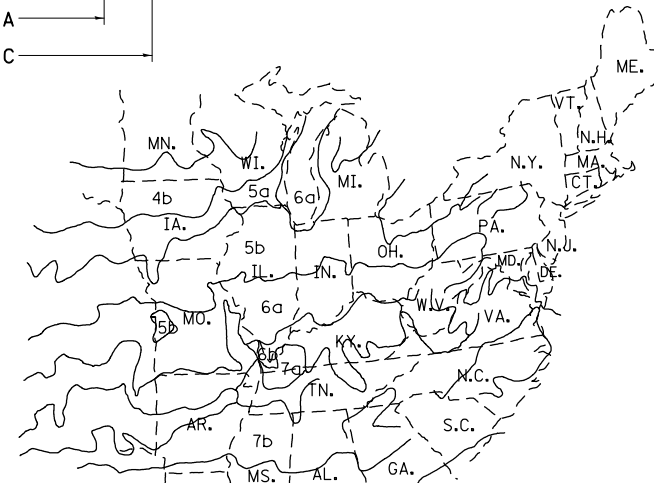


SMALL	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER CU. YDS.
5'-6'	16	10	30	4	12	0.54
5'-6' BB	16	10	30	4	12	0.54
6'-7' BB	18	12	30	4	14	0.54
7'-8' BB	20	11	30	4	13	0.54
8'-10' BB	24	14	36	4	16	0.61
10'-12' BB	26	15	36	4	17	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 CU. YDS.
0-2	20	11	36	4	13	0.61
2-2 1/2 BB	24	14	48	4	16	0.78
2 1/2-3 BB	28	17	48	4	19	0.78
3-3 1/2 BB	32	17	60	4	19	0.96
3 1/2-4 BB	36	20	60	4	22	0.96
4-4 1/2 BB	40	22	72	4	24	1.16
4 1/2-5 BB	44	24	72	4	26	1.16
5-5 1/2 BB	48	27	84	4	29	1.38

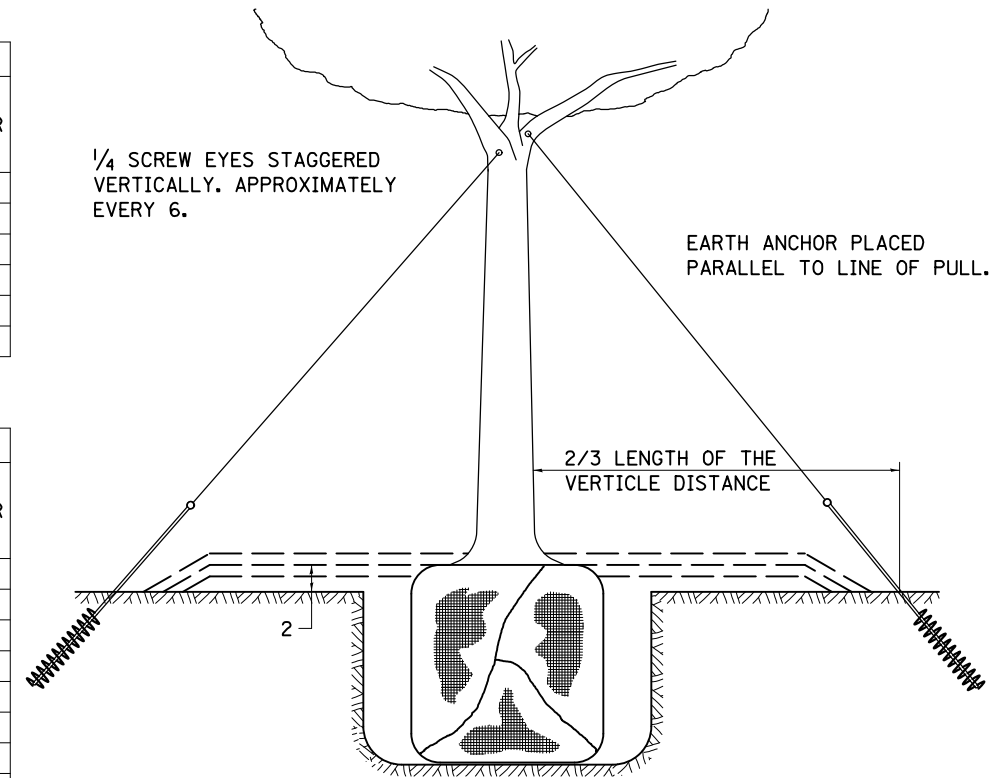


TREES OVER 4 1/2 IN DIAMETER



PLANT HARDINESS ZONE MAP

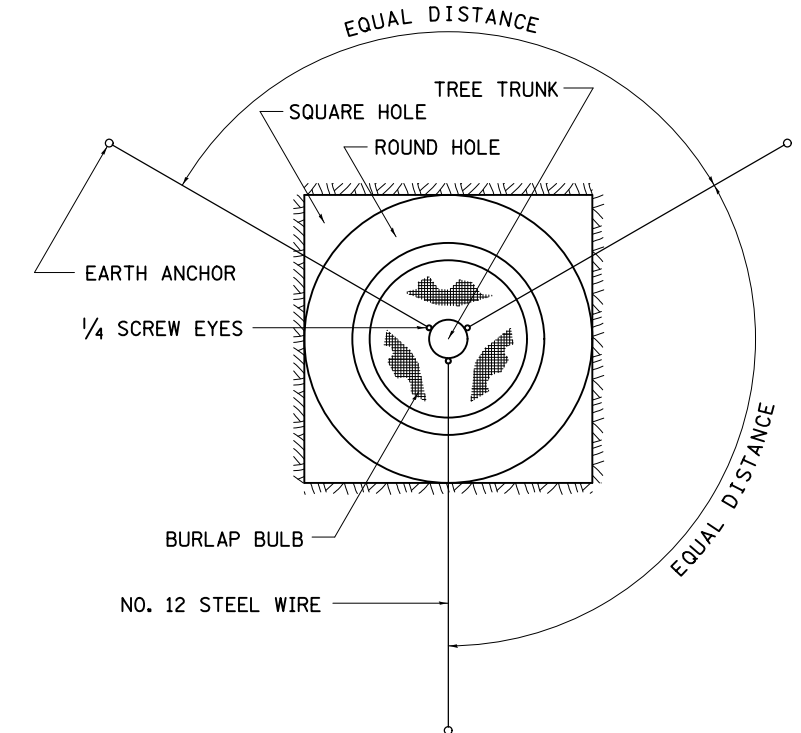
U.S. DEPARTMENT OF AGRICULTURE  
 AGRICULTURAL RESEARCH SERVICE  
 PUBLICATION NO. 814



1/4 SCREW EYES STAGGERED VERTICALLY. APPROXIMATELY EVERY 6.

EARTH ANCHOR PLACED PARALLEL TO LINE OF PULL.

2/3 LENGTH OF THE VERTICLE DISTANCE



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

## DETAILS OF PLANTING AND BRACING TREES

92.1



USER NAME = mzmurlo	DESIGNED -	REVISED - 10-18-11
PLOT SCALE = 2.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/19/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IL 92 OVER BIG BRANCH CREEK  
 DISTRICT 2 STANDARD 92.1

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

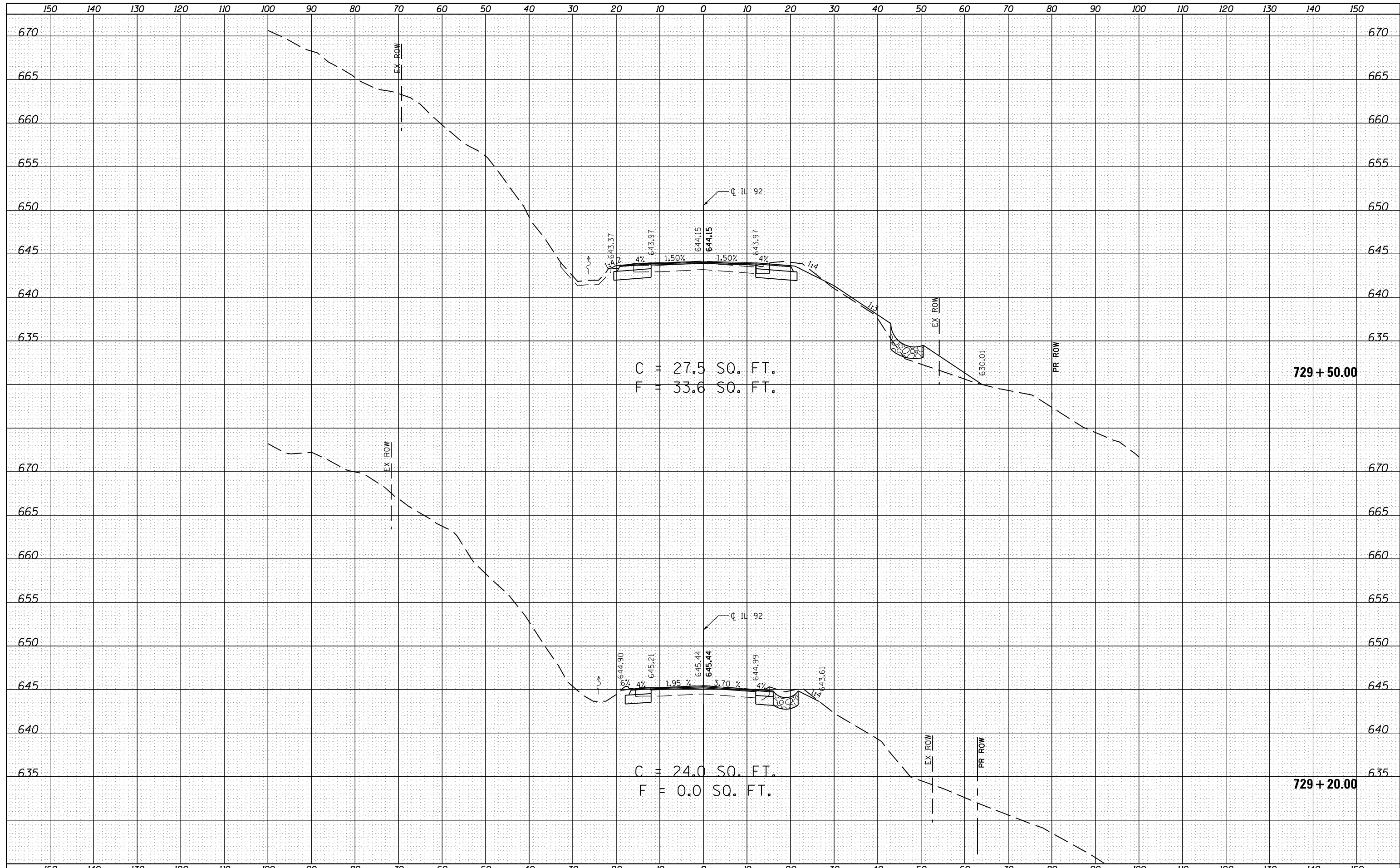
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	63
CONTRACT NO. 64D18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FILE NAME = D206907.sht.det.11.dgn



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

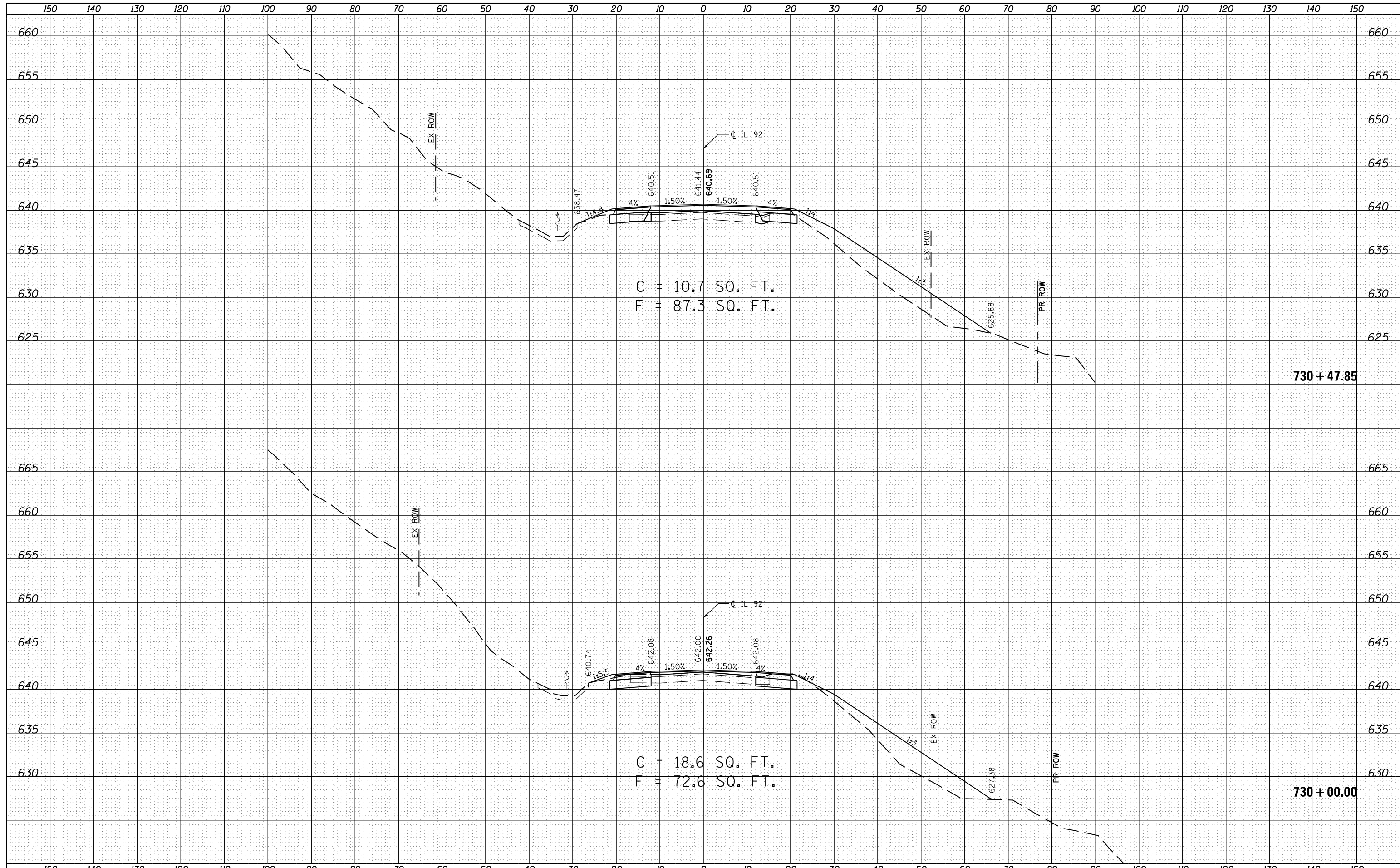
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ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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FILE NAME =	USER NAME = Fred 576	DESIGNED - GRE	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 92 OVER BIG BRANCH CREEK</b> <b>CROSS SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
E:\0719-1\Phase II IL 92\Plan Sheets\0205807-sh1-dwg		DRAWN - GRE	REVISIED -					599	103MFT-BR	ROCK ISLAND	88	65
Default		CHECKED - ST	REVISIED -					CONTRACT NO. 64D18				
		DATE - 04/2013	REVISIED -					ILLINOIS FED. AID PROJECT				
				SCALE: 1"=10', 1"=5'			SHEET 2 OF 14 SHEETS		STA. 729+20.00 TO STA. 729+50.00			

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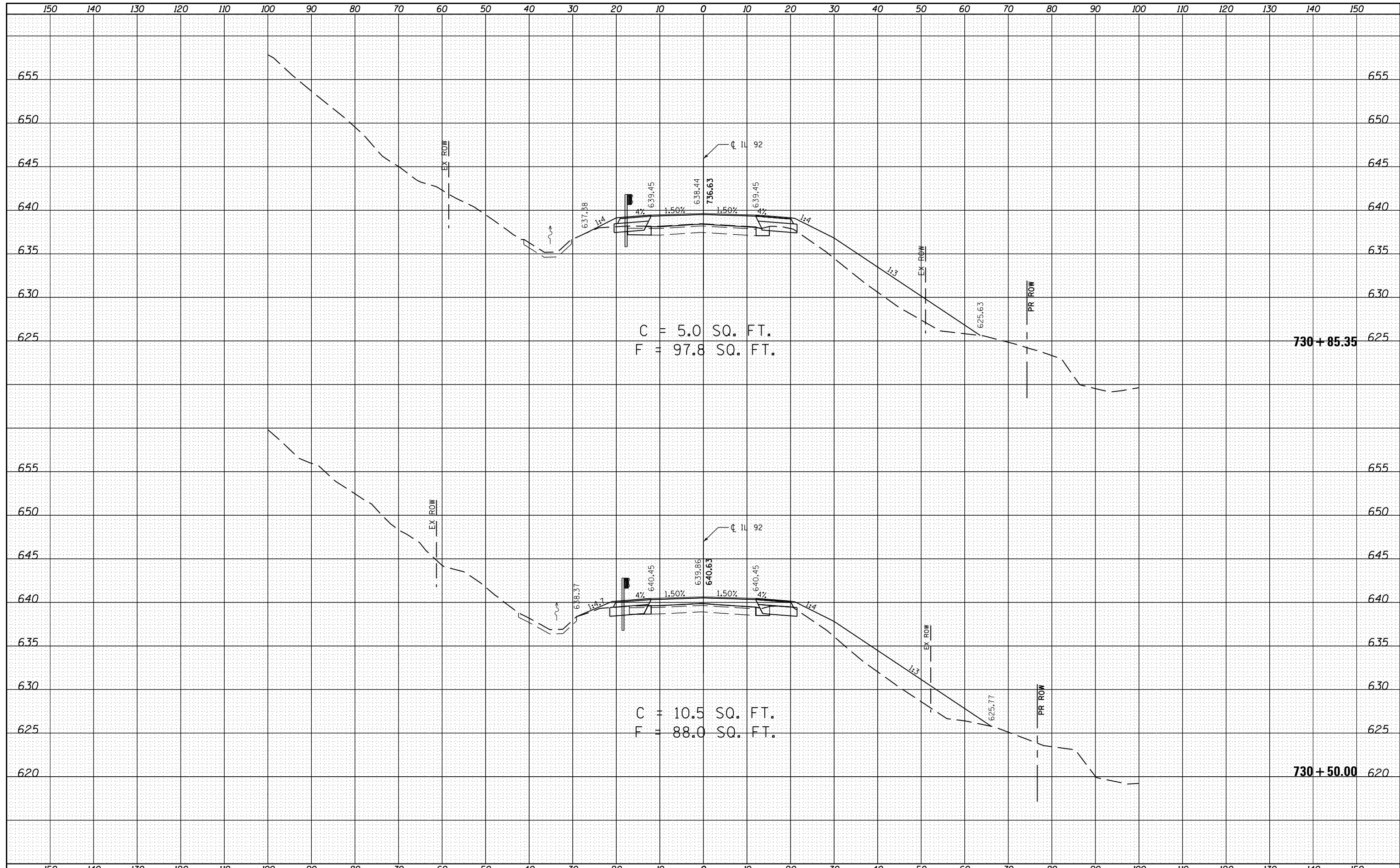


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	PLOT DATE = 6/19/2013	DATE - 04/2013	REVISIED -		ILLINOIS FED. AID PROJECT								

SCALE: 1"=10', 1"=5' SHEET 3 OF 14 SHEETS STA. 730+00.00 TO STA. 730+47.85

DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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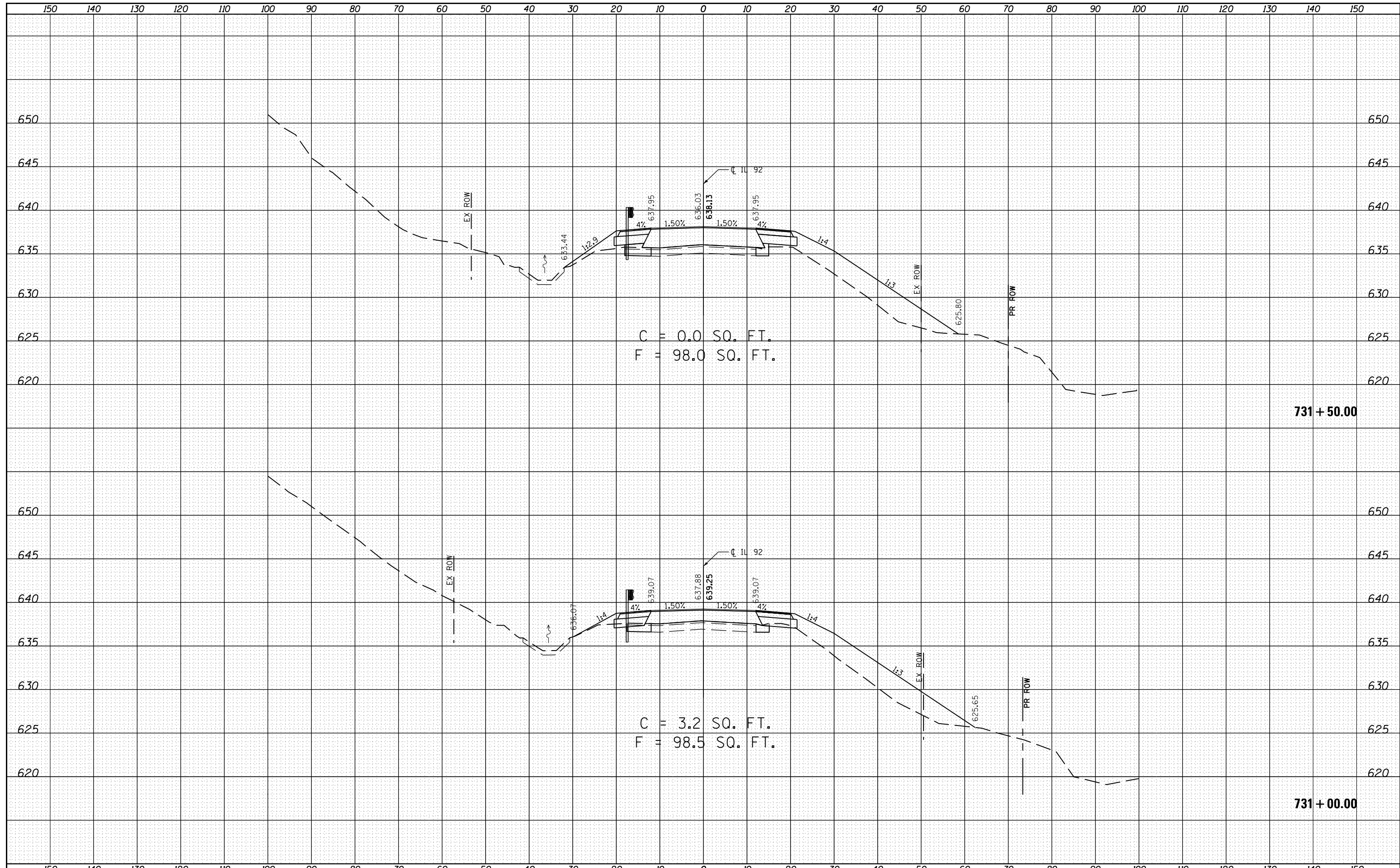
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NOTE BOOK	PLOTTED
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FILE NAME =	USER NAME = Fred 576	DESIGNED - GRE	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 92 OVER BIG BRANCH CREEK</b> <b>CROSS SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
E:\0719-1\Phase II_IL 92\Plan Sheets\0205807-sh1-dgn		DRAWN - GRE	REVISED -					599	103MFT-BR	ROCK ISLAND	88	67	
Default	PLOT SCALE = 20.0000' / in.	CHECKED - ST	REVISED -		SCALE: 1"=10', 1"=5'			SHEET 4	OF 14 SHEETS	STA. 730+50.00	TO STA. 730+85.35	CONTRACT NO. 64D18	
	PLOT DATE = 6/19/2013	DATE - 04/2013	REVISED -		ILLINOIS FED. AID PROJECT								

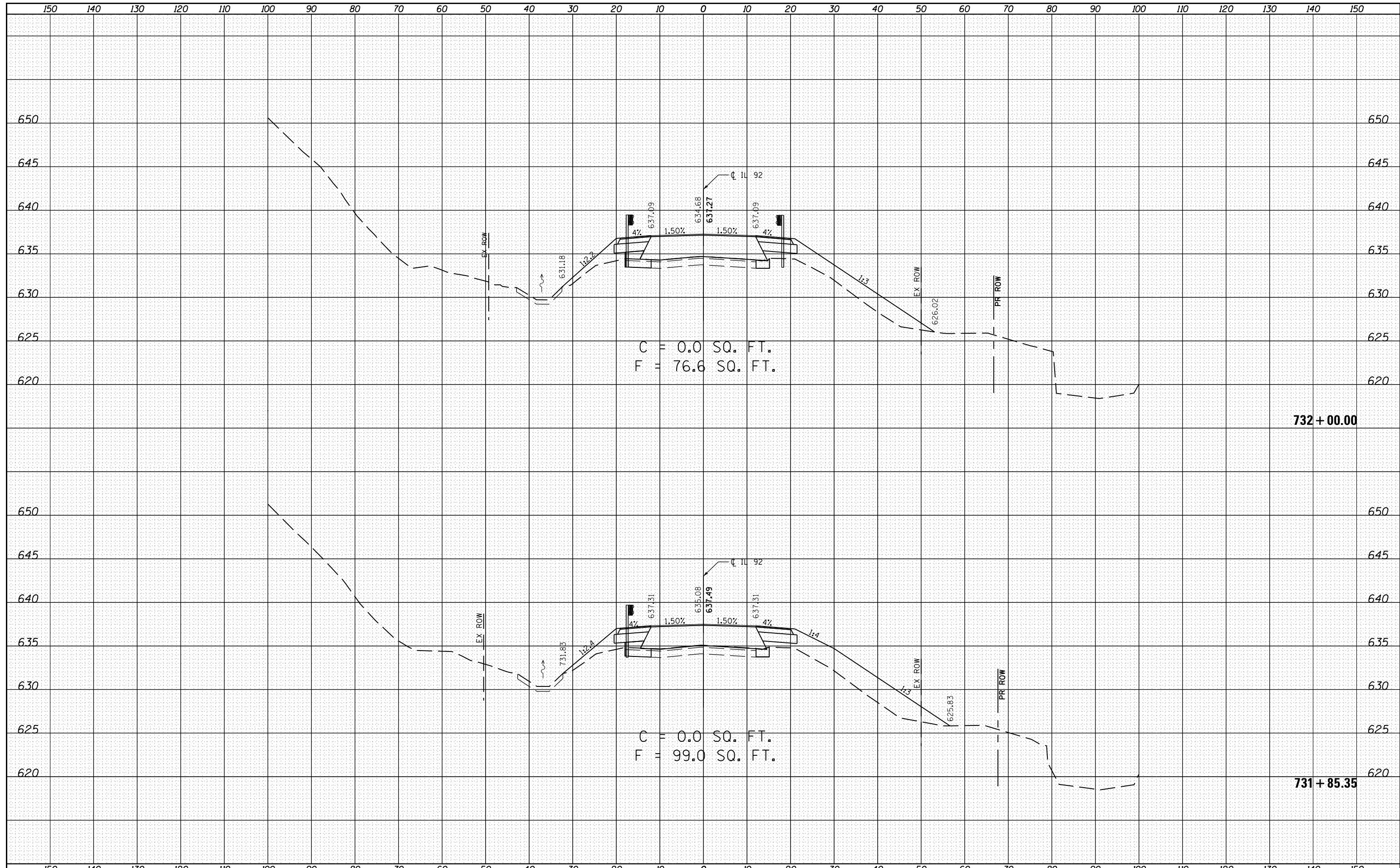
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

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



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 PLOT DATE = 6/19/2013

DESIGNED - GRE  
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 CHECKED - ST  
 DATE - 04/2013

REVISED -  
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 92 OVER BIG BRANCH CREEK  
 CROSS SECTIONS**  
 SCALE: 1"=10', 1"=5'  
 SHEET 6 OF 14 SHEETS  
 STA. 731+85.35 TO STA. 732+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	69
			CONTRACT NO. 64D18	
ILLINOIS FED. AID PROJECT				

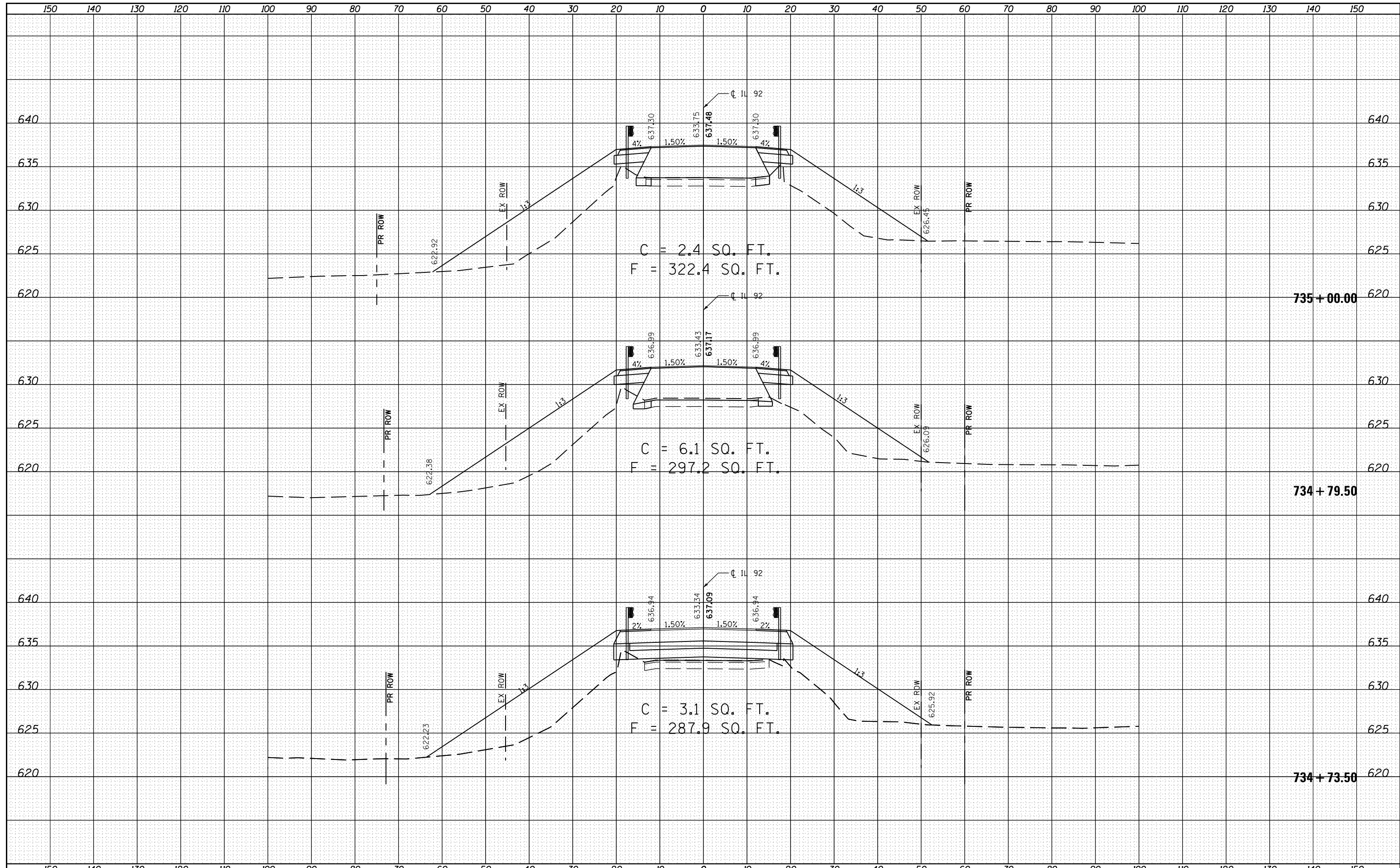






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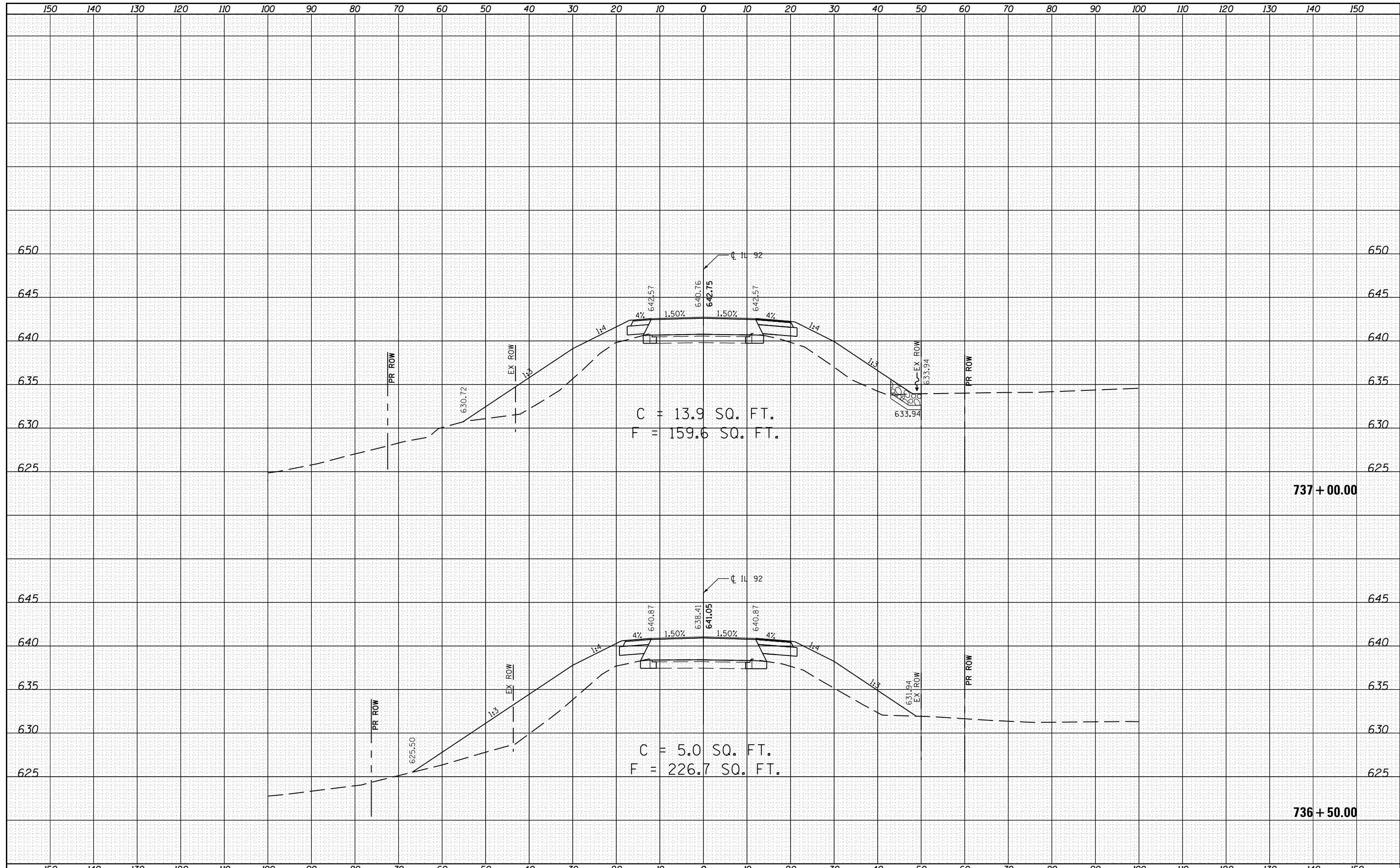
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ORIGINAL SURVEY	
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NOTE BOOK	
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DATE	
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FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS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

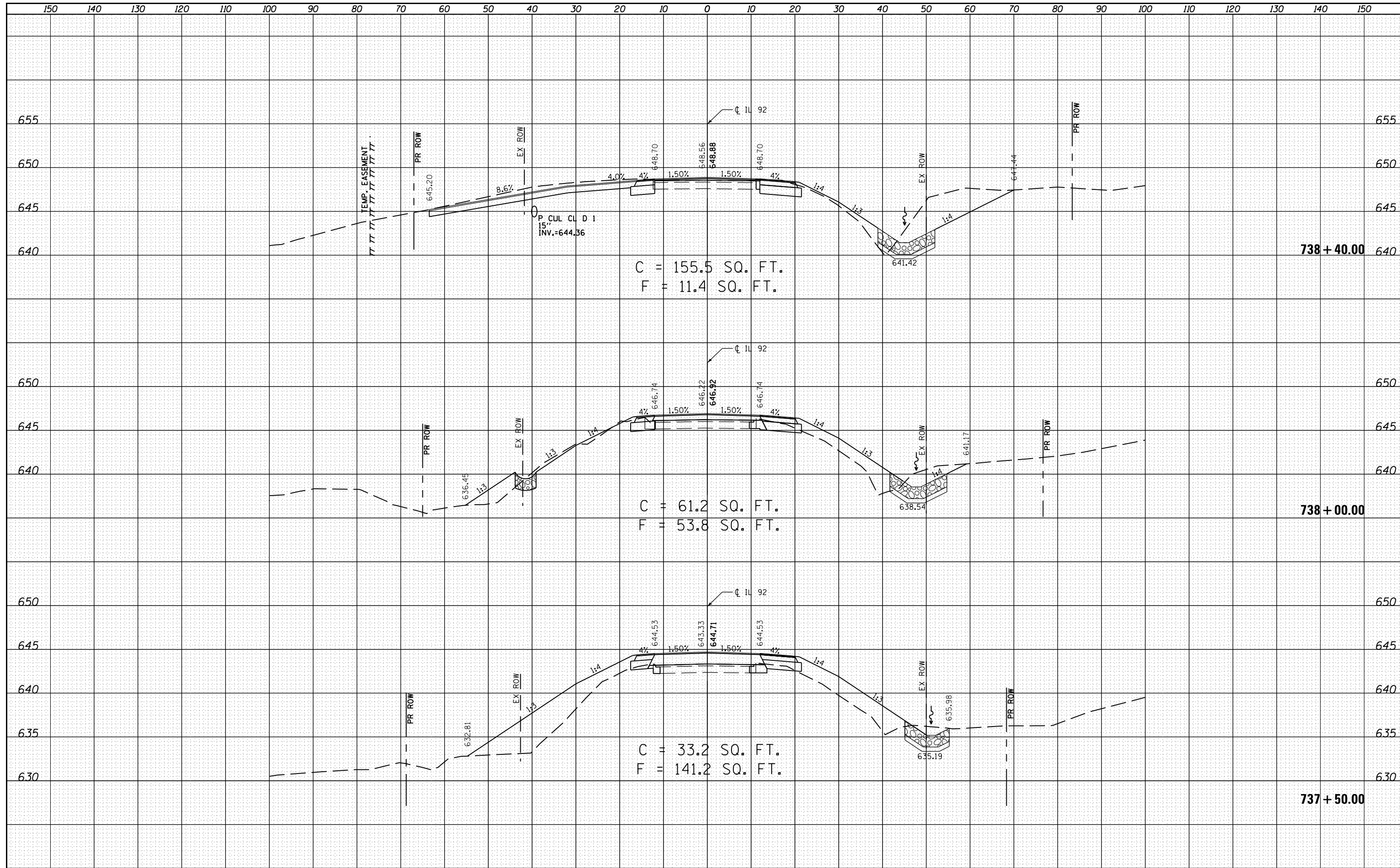
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



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Default	PLOT SCALE = 20.0000' / in.	CHECKED - ST	REVISIED -		SCALE: 1"=10', 1"=5'	SHEET 11	OF 14 SHEETS	STA. 736+50.00	TO STA. 737+00.00	CONTRACT NO. 64D18		
	PLOT DATE = 6/19/2013	DATE - 04/2013	REVISIED -		ILLINOIS FED. AID PROJECT							

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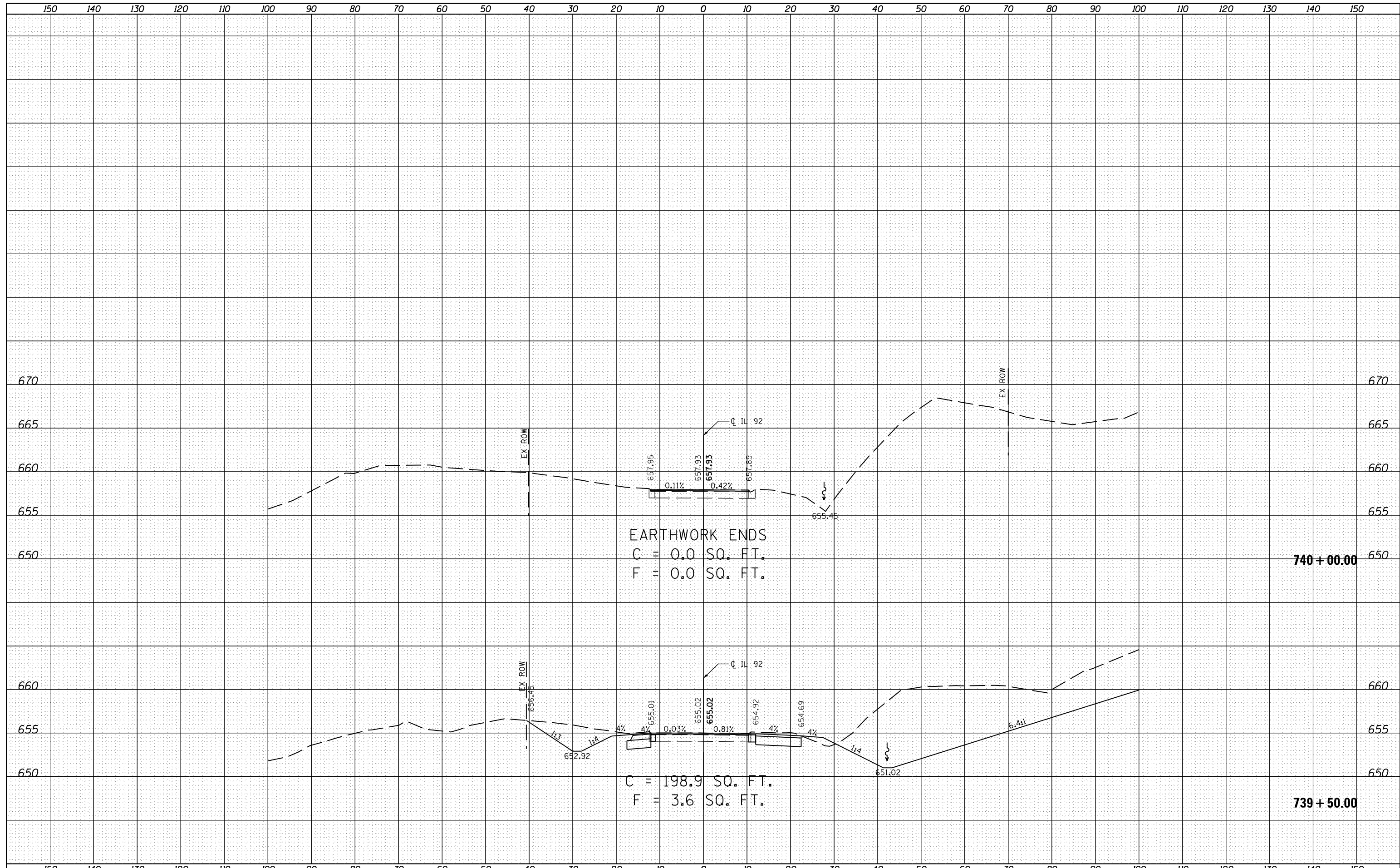
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DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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



EARTHWORK ENDS  
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 F = 0.0 SQ. FT.

C = 198.9 SQ. FT.  
 F = 3.6 SQ. FT.

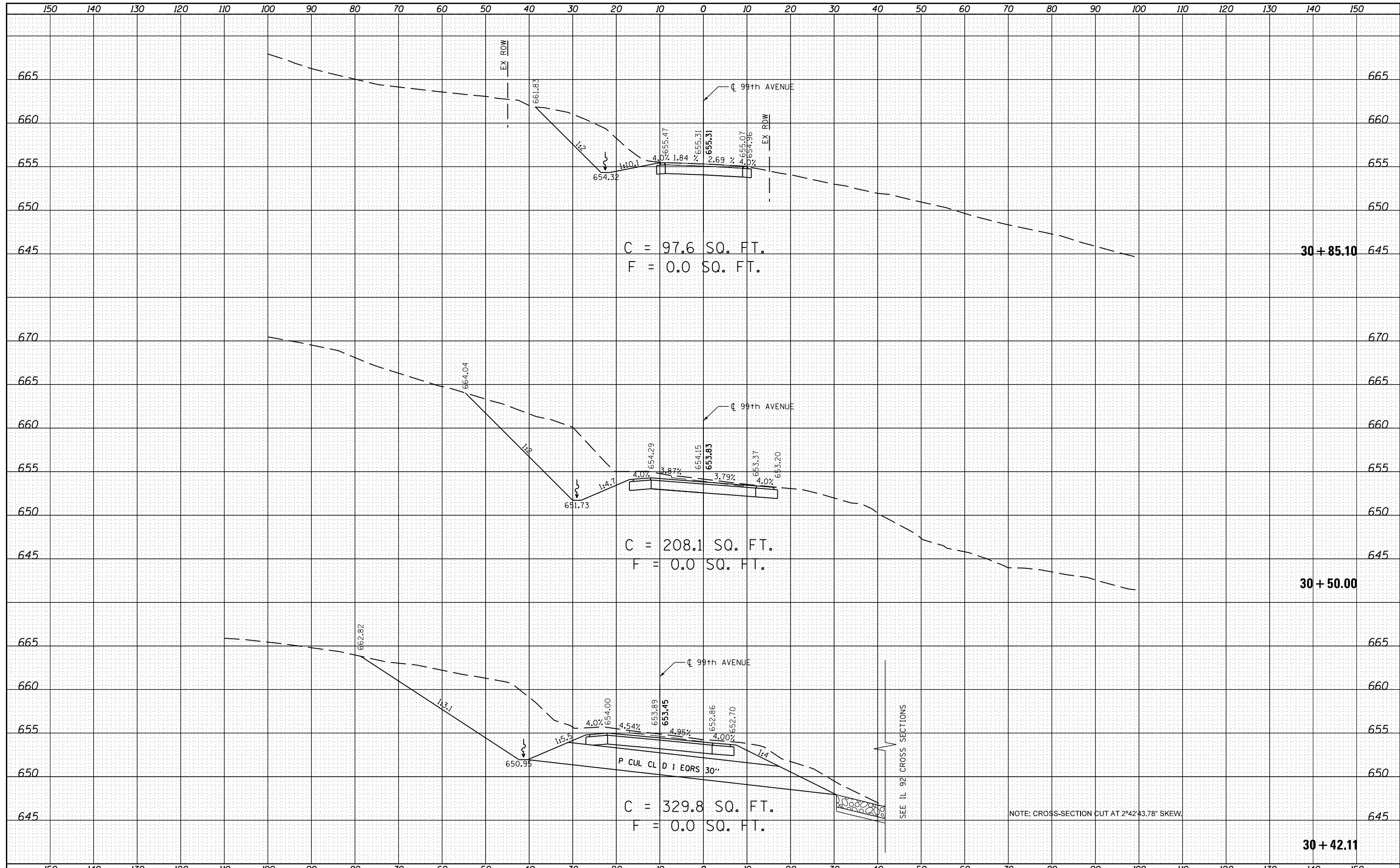
740 + 00.00

739 + 50.00

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Default	PLOT SCALE = 20.0000' / in.	CHECKED - ST	REVISIED -		SCALE: 1"=10', 1"=5'	SHEET 14	OF 14	SHEETS	STA. 739+50.00	TO STA. 740+00.00	CONTRACT NO. 64D18		
	PLOT DATE = 6/19/2013	DATE - 04/2013	REVISIED -		ILLINOIS FED. AID PROJECT								

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

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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



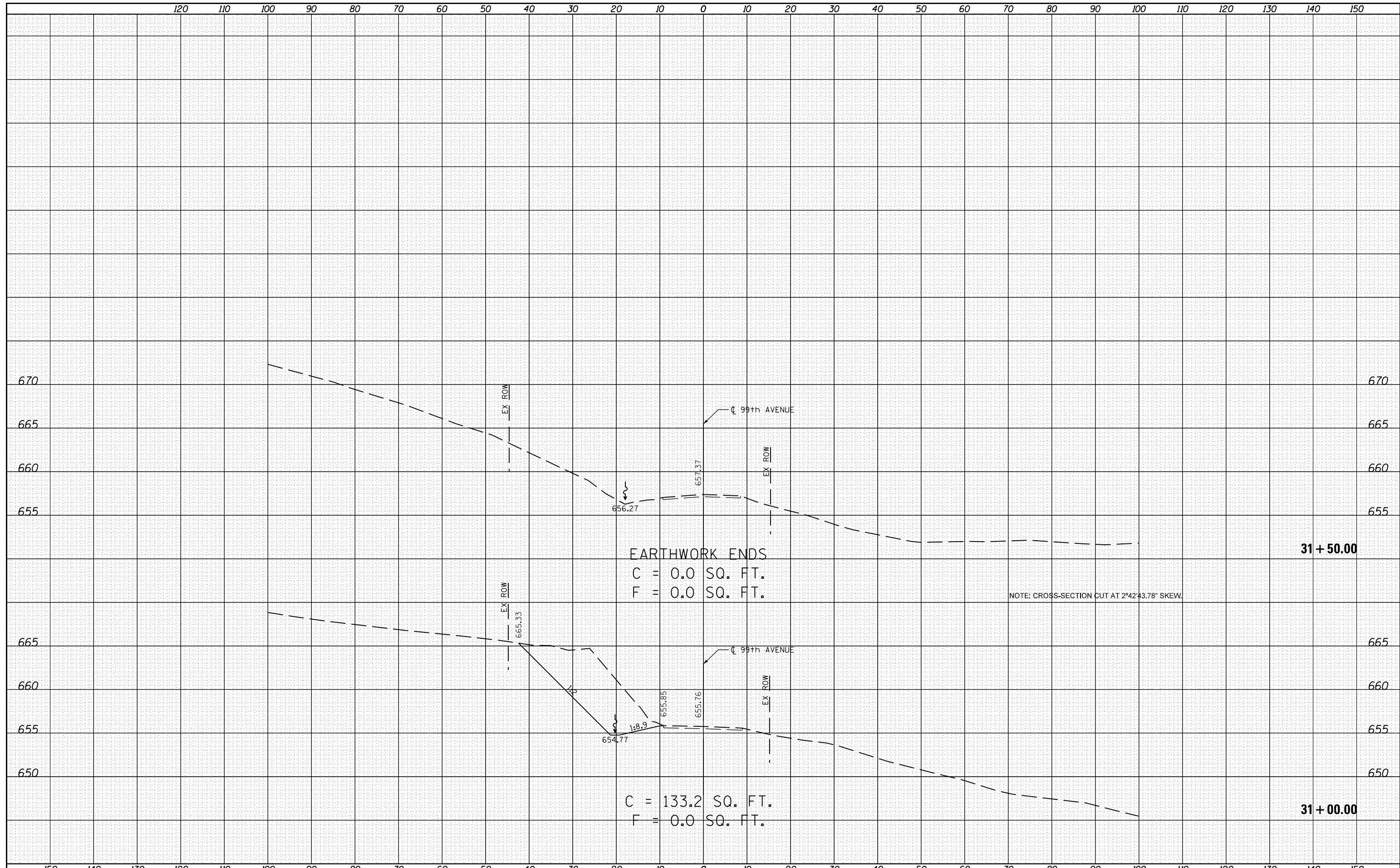
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E:\0719-1\Phase II\IL 92\Plan Sheets\0205807-sh1-sc-99TH AVENUE.dgn		DRAWN - GRE	REVISIED -			599	103MFT-BR	ROCK ISLAND	88	78	
Default		PLOT SCALE = 20.0000' / in.	CHECKED - ST			REVISIED -	CONTRACT NO. 64D18				
		PLOT DATE = 6/19/2013	DATE - 04/2013			REVISIED -	ILLINOIS FED. AID PROJECT				

SCALE: 1"=10', 1/4"=5' SHEET 1 OF 2 SHEETS STA. 30+42.11 TO STA. 30+85.10



DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	



FILE NAME = E:\0719-1\PhaseII\_IL92\Plan Sheets\0205807-sh1-sc-99TH AVENUE.dgn  
 USER NAME = Fred 576  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 6/19/2013

DESIGNED - GRE  
 DRAWN - GRE  
 CHECKED - ST  
 DATE - 04/2013

REVISED -  
 REVISED -  
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 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

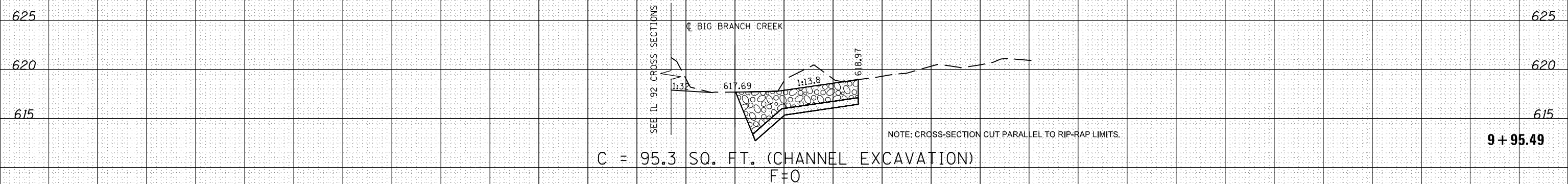
**99TH AVENUE  
 CROSS SECTIONS**  
 SCALE: 1"=10', 1"=5'  
 SHEET 2 OF 2 SHEETS  
 STA. 31+00.00 TO STA. 31+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	79
CONTRACT NO. 64D18				
ILLINOIS FED. AID PROJECT				

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

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

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



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USER NAME = Fred 576	DESIGNED - GRE	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - GRE	REVISED -
PLOT DATE = 6/19/2013	CHECKED - ST	REVISED -
	DATE - 04/2013	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BIG BRANCH CREEK  
CROSS SECTIONS**

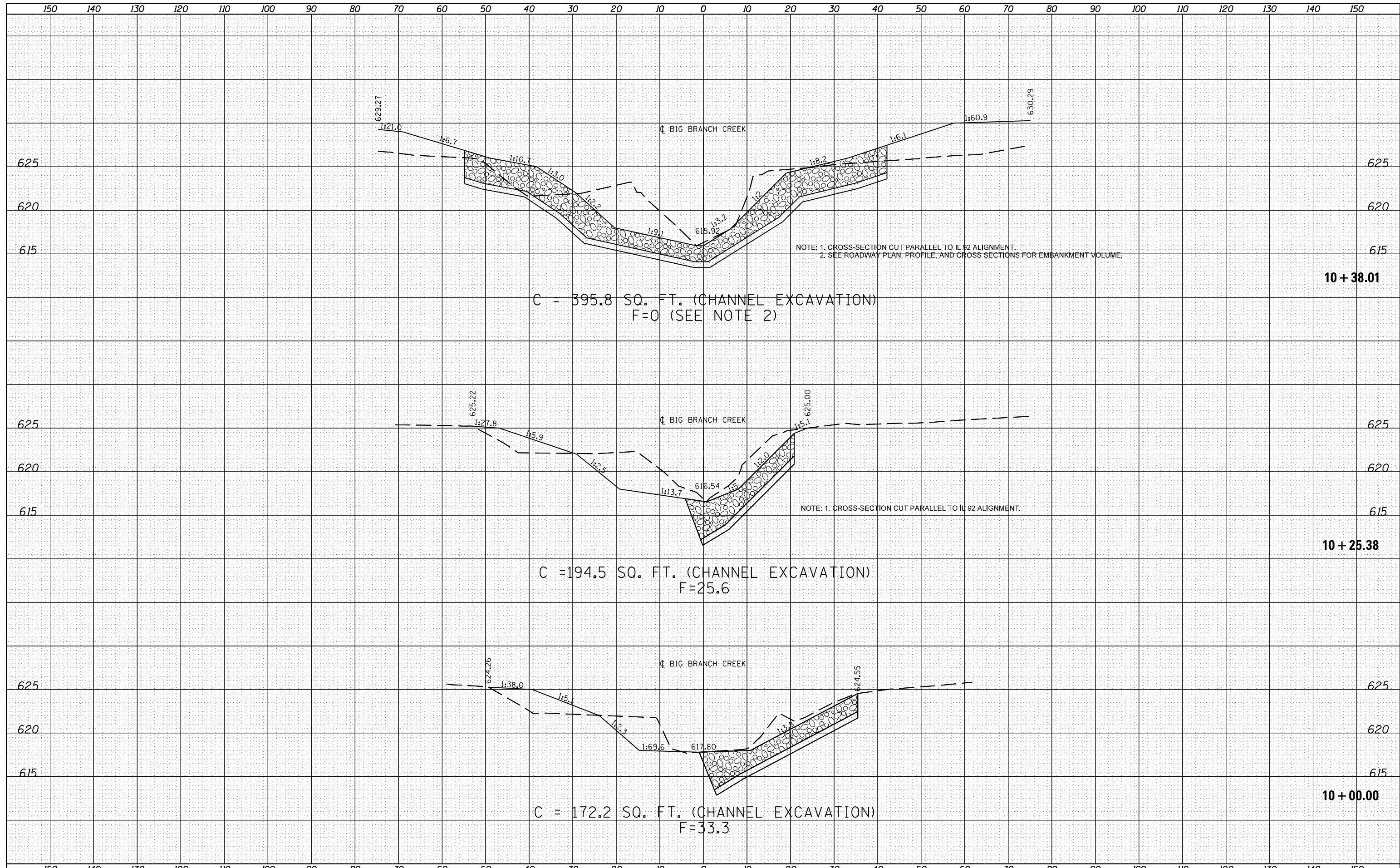
SCALE: 1"=10', 1"=5' SHEET 1 OF 4 SHEETS STA. 9+95.49 TO STA. 9+95.49

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	103MFT-BR	ROCK ISLAND	88	80
				CONTRACT NO. 64D18

ILLINOIS FED. AID PROJECT

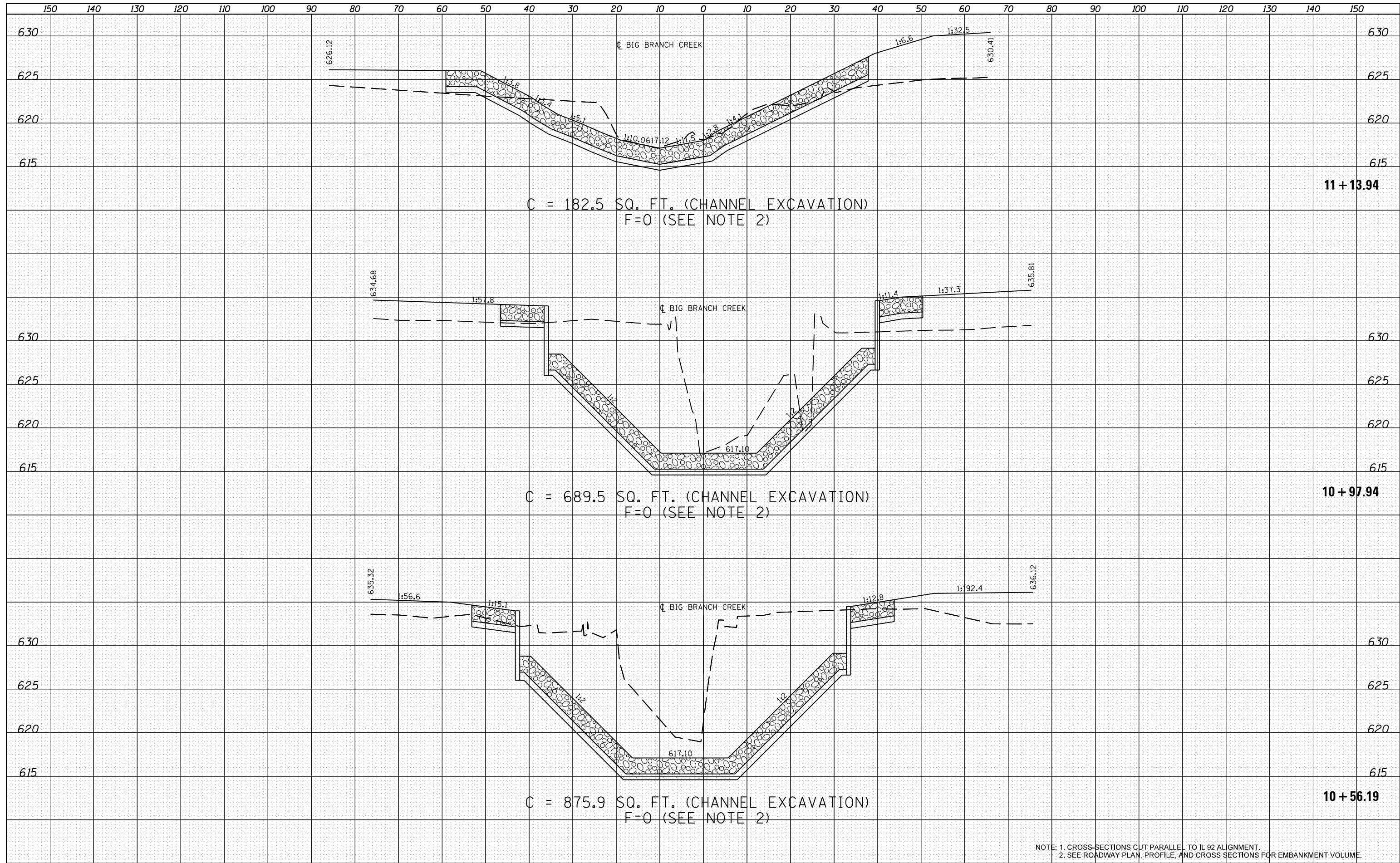
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TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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NOTE: 1. CROSS-SECTIONS CUT PARALLEL TO IL 92 ALIGNMENT.  
 2. SEE ROADWAY PLAN, PROFILE, AND CROSS SECTIONS FOR EMBANKMENT VOLUME.

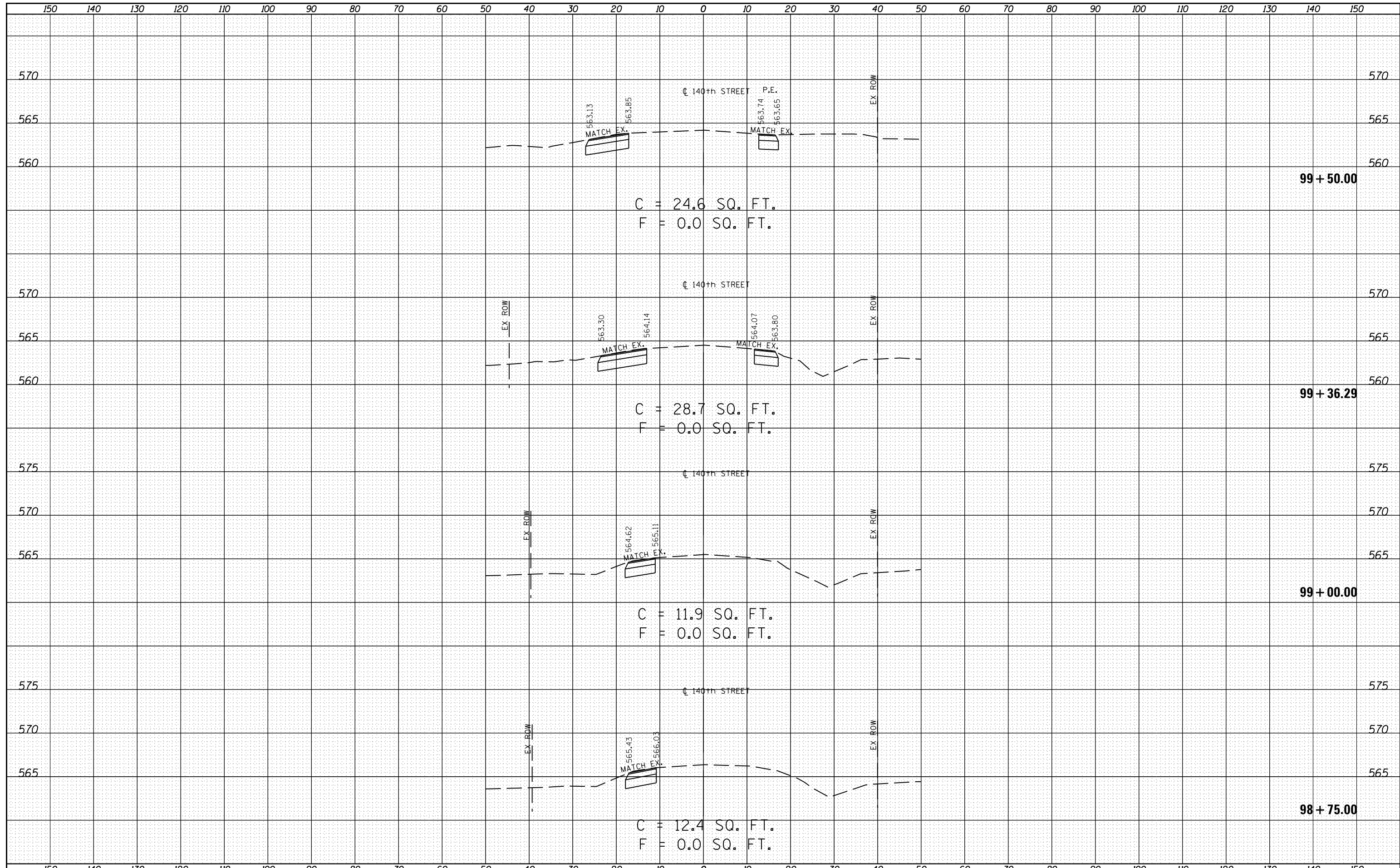
FILE NAME =	USER NAME = Fred 576	DESIGNED - GRE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BIG BRANCH CREEK CROSS SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
E:\0719-1\Phase II_IL 92\Plan Sheets\0205807-sh1-sc-stream.dgn	DRAWN - GRE	REVISED -	599					103MFT-BR	ROCK ISLAND	88	82	
Default	PLOT SCALE = 20.0000' / in.	CHECKED - ST	REVISED -					CONTRACT NO. 64D18				
	PLOT DATE = 6/19/2013	DATE - 04/2013	REVISED -					ILLINOIS FED. AID PROJECT				

SCALE: 1"=10', 1"=5' SHEET 3 OF 4 SHEETS STA. 10+56.19 TO STA. 11+13.94



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NOTE BOOK	PLOTTED
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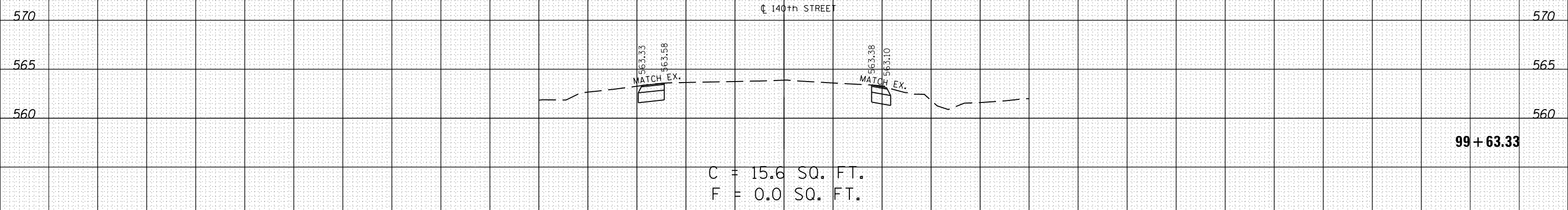


FILE NAME =	USER NAME = Fred 576	DESIGNED - GRE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERSECTION IMPROVEMENTS /140th STREET CROSS SECTIONS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
E:\0719-1\Phase II_IL 92\Plan Sheets\0205807-sh1-sc-detour-140th.dgn		DRAWN - GRE	REVISED -		599	103MFT-BR	ROCK ISLAND	88	84				
Default		PLOT SCALE = 20.0000' / in.	CHECKED - ST		REVISED -	CONTRACT NO. 64D18							
		PLOT DATE = 6/19/2013	DATE - 04/2013		REVISED -	SCALE: 1"=10', 1"=5'	SHEET 1 OF 2 SHEETS	STA. 98+75.00 TO STA. 99+50.00	ILLINOIS FED. AID PROJECT				

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

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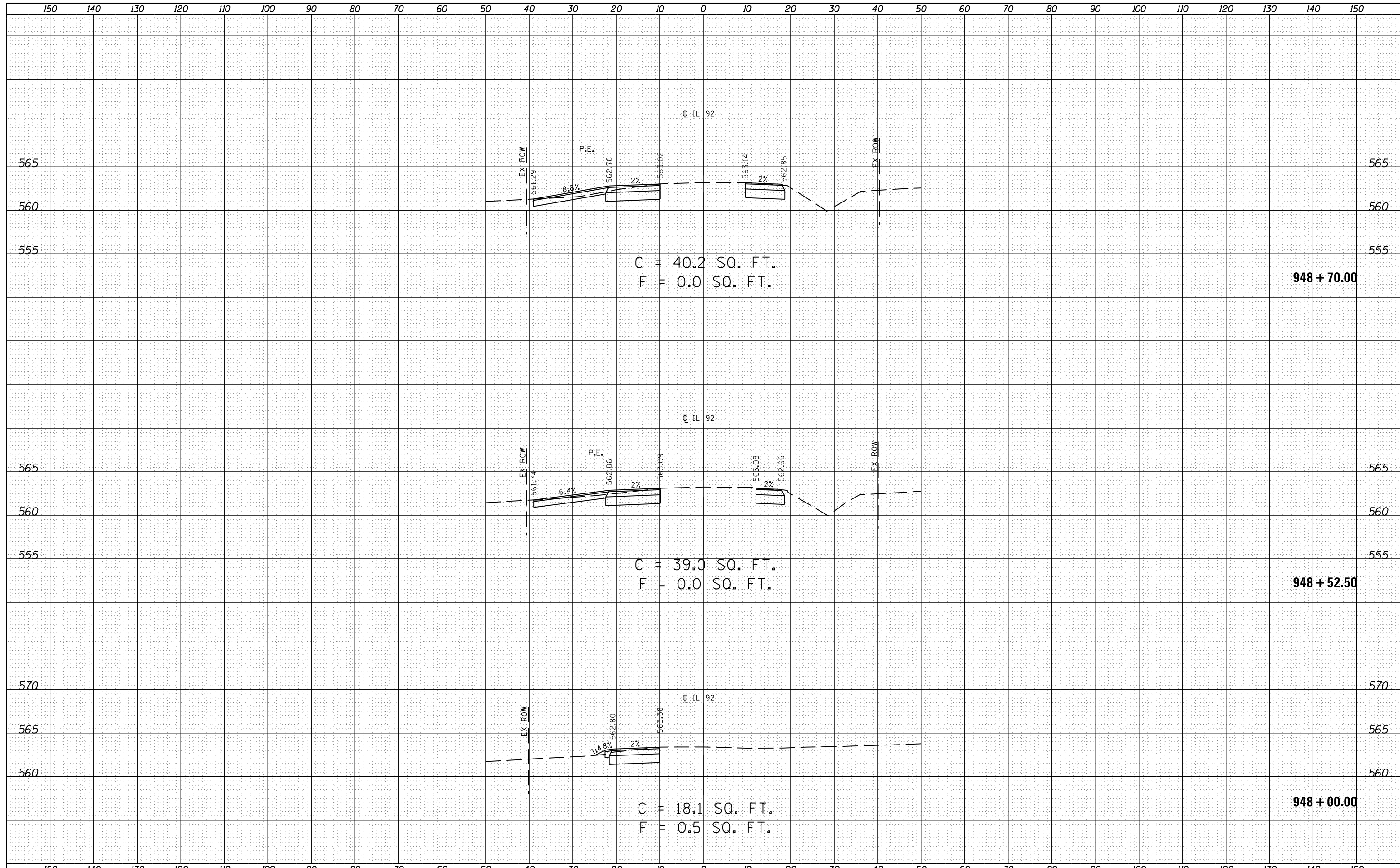
FILE NAME =	USER NAME = Fred 576	DESIGNED - GRE	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERSECTION IMPROVEMENTS /140th STREET CROSS SECTIONS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
E:\0719-1\PhaseII_IL92\Plan Sheets\0205807-sh1-sc-detour-140th.dgn		DRAWN - GRE	REVISED -		599	103MFT-BR	ROCK ISLAND	88	85				
Default	PLOT SCALE = 20.0000' / in.	CHECKED - ST	REVISED -		SCALE: 1"=10', 1"=5'				SHEET 2 OF 2 SHEETS	STA. 99+63.33 TO STA. 99+63.33	CONTRACT NO. 64D18		
	PLOT DATE = 6/19/2013	DATE - 04/2013	REVISED -		ILLINOIS FED. AID PROJECT								





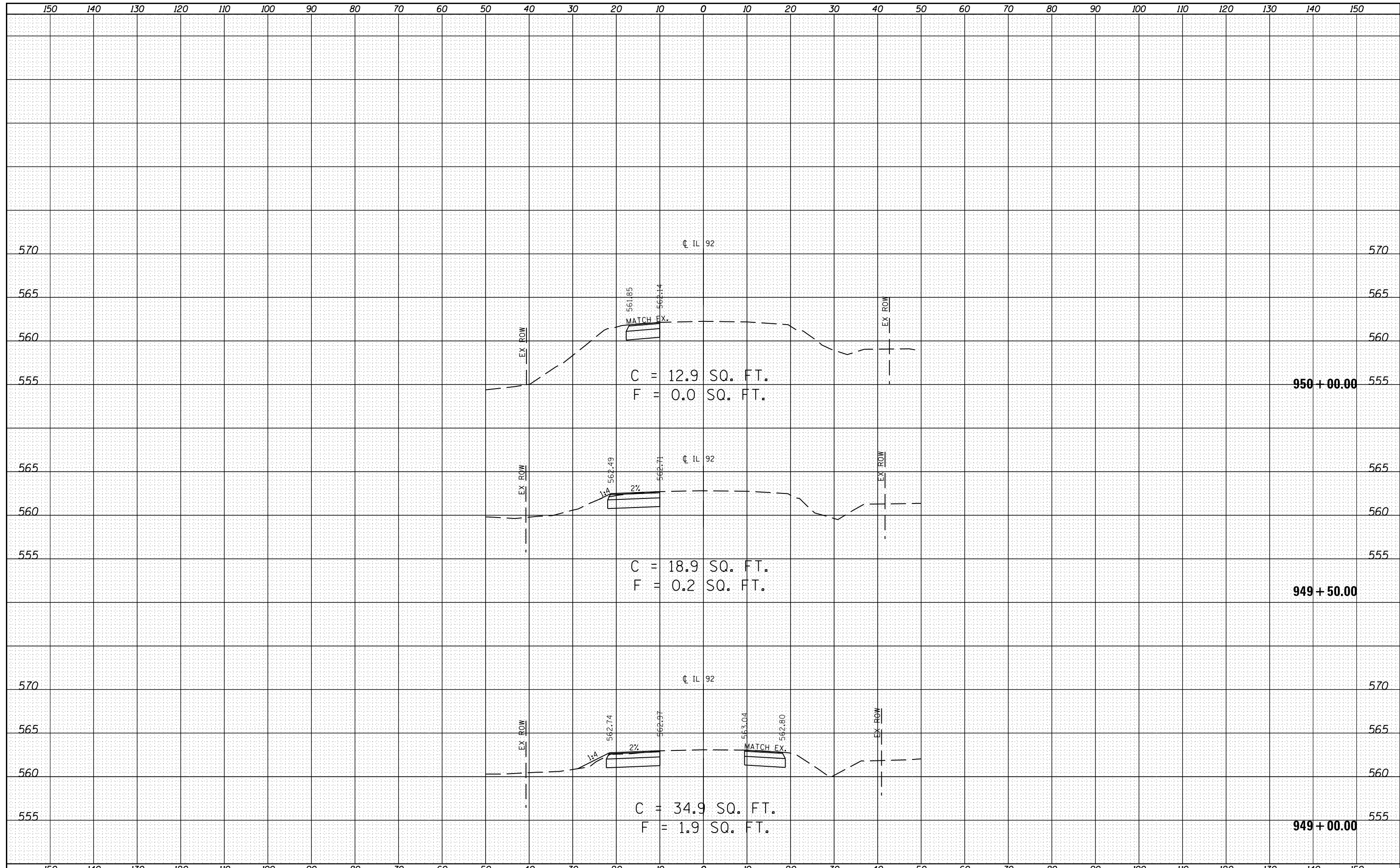
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FILE NAME =	USER NAME = Fred 576	DESIGNED - GRE	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>INTERSECTION IMPROVEMENTS /IL 92</b> <b>CROSS SECTIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
E:\0719-1\Phase II\IL 92\Plan Sheets\0205807-sh1-sc-detour-1192.dgn		DRAWN - GRE	REVISED -			599	103MFT-BR	ROCK ISLAND	88	88	
Default	PLOT SCALE = 20.0000' / in.	CHECKED - ST	REVISED -			CONTRACT NO. 64D18					
	PLOT DATE = 6/19/2013	DATE - 04/2013	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: 1"=10', 1"=5' SHEET 3 OF 3 SHEETS STA. 949+00.00 TO STA. 950+00.00