

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11BR-1	*	43	1

* WHITESIDE & ROCK ISLAND

44

PROJECT ENGINEER
BECKY MARRUFFO

SQUAD LEADER
THOMAS HALLA 815-284-5993

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HIGHWAY STANDARDS

- | | |
|-----------|---|
| 000001-05 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001001-01 | AREA OF REINFORCEMENT BARS |
| 280001-04 | TEMPORARY EROSION CONTROL SYSTEMS |
| 420001-07 | PAVEMENT JOINTS |
| 420401-06 | BRIDGE APPROACH PAVEMENT |
| 421001-02 | BAR REINFORCEMENT FOR CRC PAVEMENT |
| 515001-02 | NAME PLATE FOR BRIDGES |
| 542401 | METAL END SECTION FOR PIPE CULVERTS |
| 601101 | CONCRETE HEADWALL FOR PIPE DRAINS |
| 630001-07 | STEEL PLATE BEAM GUARDRAIL |
| 630301-04 | SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS |
| 631031-06 | TRAFFIC BARRIER TERMINAL, TYPE 6 |
| 635001 | DELINEATORS |
| 635006-02 | REFLECTOR AND TERMINAL MARKER PLACEMENT |
| 635011-01 | REFLECTOR MARKER AND MOUNTING DETAILS |
| 667101 | PERMANENT SURVEY MARKERS |
| 701311-02 | LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY |
| 701901 | TRAFFIC CONTROL DEVICES |
| 720011 | METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS |
| 728001 | TELESCOPING STEEL SIGN SUPPORT |
| 729001 | APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS) |
| 780001-01 | TYPICAL PAVEMENT MARKINGS |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**
FAS ROUTE 203 (MOLINE ROAD)
SECTION 11BR-1
OVER MEREDOSIA DITCH
WHITESIDE AND ROCK ISLAND COUNTIES
PROJECT NO. ACBRS-0203(106)

C-92-088-06

R. 3 E. 4th P.M.

TRAFFIC DATA

HIGHWAY CLASSIFICATION: MAJOR COLLECTOR
2008 ADT = 3100
DESIGN SPEED 55 MPH
POSTED SPEED 55 MPH

**SECTION 115BR-1
INCLUDES THE REMOVAL OF EXISTING
STRUCTURE NO. 098-0003 AND
CONSTRUCTION OF THE NEW
STRUCTURE 098-0111, A THREE SPAN
STRUCTURE OVER MEREDOSIA DITCH
AT STA 428+20.80
101'-10 3/4" BACK TO
BACK OF ABUTMENT**

**SECTION & IMPROVEMENT
BEGINS STA. 423+75**

0 5' 10' 15' — 1" = 5' CROSS SECTION (VERTICAL)

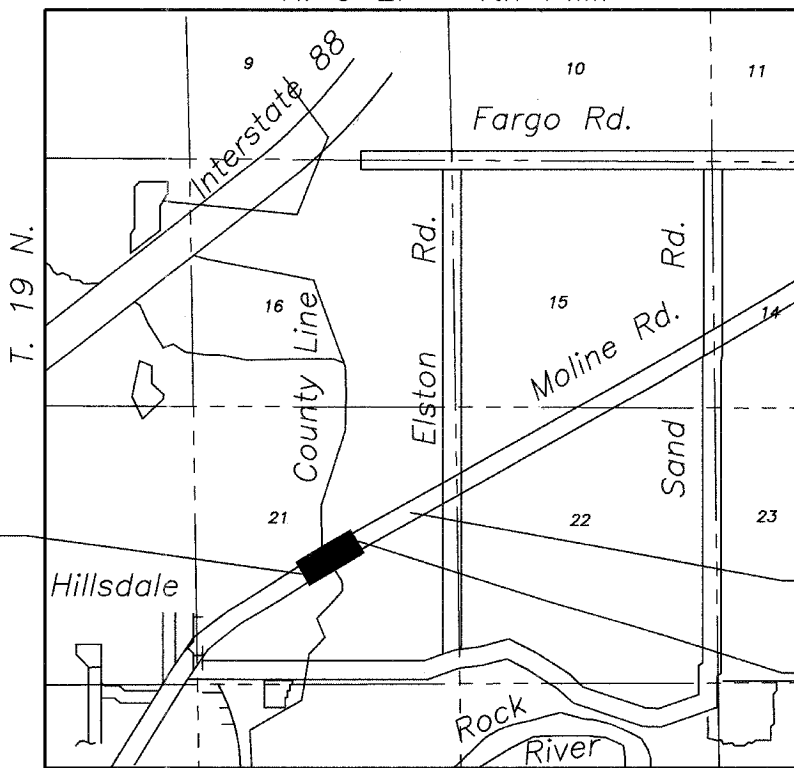
0 5' 10' 15' — 1" = 5' CROSS SECTION (HORIZONTAL)

0 50' 100' — 1" = 20' PLAN AND PROFILE

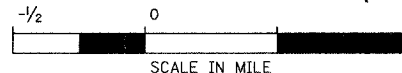
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CONTRACT NO. 64939



NET LENGTH OF SECTION 850 FEET (0.16 MILES)
GROSS LENGTH OF SECTION 850 FEET (0.16 MILES)



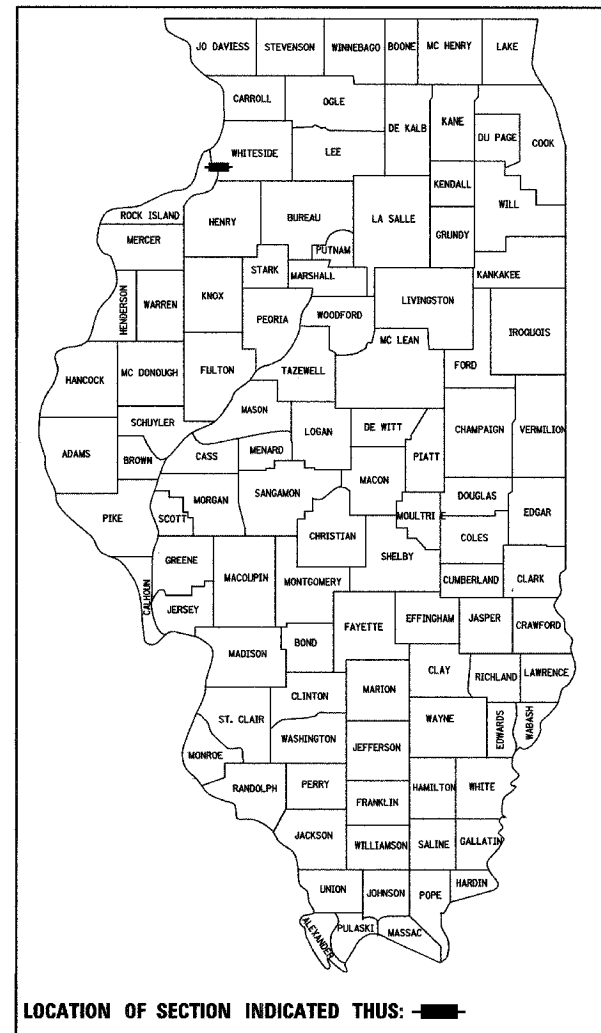
**IMPROVEMENT ENDS
STA. 435+35**

**SECTION ENDS
STA. 432+25**



James K. Clivard
signature
PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-001717

D-92-090-03



LOCATION OF SECTION INDICATED THUS: [black rectangle]

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Oct 10 20 07

George F. Ryan
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Eric E. Hara
INTERIM ENGINEER OF DESIGN AND ENVIRONMENT

Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

DISTRICT 2 DIXON IL

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

CHAMLIN & ASSOCIATES
PERU ILLINOIS MORRIS

JAMES K. CLIVARD
CHAMLIN & ASSOCIATES
815-223-3344

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11BR-1	*	43	2
STA.		TO STA.		
FED. ROAD DIST. NO. 2		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES

- THE REMOVAL OF BITUMINOUS SURFACING 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 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 914 CUBIC YARDS OF EARTH WILL BE HAULED TO THE JOB FROM OUTSIDE THE PROJECT LIMITS. A SHRINKAGE FACTOR OF 25% HAS BEEN USED.
- THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS WITHIN THE PROJECT LIMITS. SEEDING CLASS 2A SALT TOLERANT ROAD MIXTURE SHALL BE USED, EXCEPT IN FRONT OF PROPERTIES WHERE THE GRASS WILL BE MOWED, THEN USE SEEDING, CLASS 1 LAWN MIXTURE. THIS WORK WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION.
- FERTILIZER SHALL BE APPLIED TO ALL DISTURBED AREAS AND INCORPORATED INTO THE SEEDBED PRIOR TO SEEDING OR PLACEMENT OF SOD AT THE RATE SPECIFIED IN SECTIONS 250 AND 252 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- MULCH METHOD 2 SHALL BE APPLIED OVER ALL PERMANENT AND TEMPORARY SEEDED AREAS. THIS SHALL BE INCLUDED IN THE COST OF THE EARTH EXCAVATION.
- REFLECTIVE CRACK CONTROL SHALL BE PLACED ON THE EXISTING SURFACE PRIOR TO ANY RESURFACING, UNLESS PAVEMENT IS MILLED THEN IT WILL BE PLACED ON THE BINDER COURSE.
- THE SUBGRADE ON THIS PROJECT, EXCLUSIVE OF ROCK CUT AREA IS SCHEDULED TO BE IMPROVED TO A 12" DEPTH ACCORDING TO MECHANISTIC PAVEMENT DESIGN. THE AREAS SCHEDULED TO BE IMPROVED TO A DEPTH GREATER THAN 12" ARE ESTIMATED BASED ON THE ORIGINAL GEOTECHNICAL INVESTIGATION. THE SUBGRADE SHALL BE PROCESSED IN ACCORDANCE WITH ARTICLE 301.03 OF THE STANDARD SPECIFICATIONS BEFORE THE ENGINEER SHALL DETERMINE THE LIMITS AND THE ADDITIONAL THICKNESS OF IMPROVEMENT REQUIRED, IF ANY. ANY ADDITIONAL UNDERCUTTING REQUIRED AFTER THIS EVALUATION SHALL BE PAID FOR AS EARTH EXCAVATION.
- PREVIOUSLY PUGMILLED STOCKPILES OF "TYPE A" OLDER THAN 1 MONTH WILL NOT BE APPROVED FOR USE UNTIL A MOISTURE CHECK IS RUN TO VERIFY MOISTURE CONTENT. MATERIAL SHIPPED TO PROJECTS WITHOUT BEING TESTED WILL NOT BE ACCEPTED.
- BITUMINOUS AND AGGREGATE PRIME COAT SHALL BE PLACED IN ACCORDANCE WITH SECTION 406 OF THE STANDARD SPECIFICATIONS. ON MOLINE ROAD, COST OF THE PRIME COATS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER TON FOR LEVELING BINDER (MACHINE METHOD) OF THE TYPE SPECIFIED. ON OTHER ROUTES, PRIME COATS SHALL BE PAID AS SHOWN IN THE SCHEDULE.
- EXCEPT FOR THE TOP 75 MM (3"), ALL AGGREGATE BASES AND SUBBASES 300 MM (12") IN THICKNESS SHALL BE CONSTRUCTED OF AGGREGATE GRADATION CA-2. IF THE SPECIFIED THICKNESS EXCEEDS 300 MM (12"), THE BASES OR SUBBASES SHALL BE CONSTRUCTED OF TOP SIZE 150 MM (6") BREAKER-RUN CRUSHED STONE WITH 70% TO 90% BY WEIGHT, PASSING THE 4" SIEVE AND 15% TO 40% BY WEIGHT, PASSING THE 50 MM (2" SIZE) SIEVE, EXCEPT FOR THE TOP 75 MM (3"). THE BREAKER-RUN CRUSHED STONE SHALL BE REASONABLY UNIFORMLY GRADED FROM COARSE TO FINE AND BE TAKEN FROM A QUARRY LEDGE CAPABLE OF PRODUCING CLASS "D" QUALITY AGGREGATE. THE TOP 75 MM (3") SHALL BE GRADATION CA-6 OR CA-10 REGARDLESS OF THICKNESS. THE WATER NECESSARY TO ACHIEVE COMPACTION IN ALL BUT THE TOP 75 MM (3") LAYER MAY BE ADDED AFTER THE SUBBASE OR BASE COURSE IS PLACED ON THE GRADE.
- THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

	HOT-MIX ASPHALT BINDER	HOT-MIX ASPHALT LEVEL BINDER	HOT-MIX ASPHALT SURFACE
PG GRADE	PG 64-22	PG 64-22	PG 64-22
MAX % RAP ALLOWABLE **	25%	25%	15%
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 19.0	IL 9.5	IL 12.5 OR IL 9.5
AGGREGATE PLANT CONTROL LIMITS	CLASS I	CLASS I	MIXTURE C
DENSITY TEST METHOD	CORES/NUCLEAR	SATISFACTION OF ENGINEER	CORES/NUCLEAR

* SEE SPECIALS
 ** IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.

- 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.
- 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 STRUCTURE WILL BE 098-0111.
- THE CONTRACTOR SHALL SUBMIT FOUR COPIES OF THE REQUIRED SHOP DRAWINGS FOR REVIEW AND APPROVAL TO THE BUREAU OF BRIDGES AND STRUCTURES, 2300 SOUTH DIRKSEN PARKWAY, SPRINGFIELD, IL 62764. AFTER APPROVAL OF INITIAL SUBMITTAL, THE CONTRACTOR SHALL SUBMIT ONE SET OF SHOP DRAWINGS TO DAVE LIPPERT, ENGINEER OF MATERIALS, 126 EAST ASH STREET, SPRINGFIELD, IL 62706, AND EIGHT (8) SETS OF SHOP DRAWINGS TO BE DISTRIBUTED TO:
 DISTRICT 2 DISTRICT ENGINEER (1)
 FABRICATOR (1)
 CONTRACTOR (2)
 RESIDENT ENGINEER (2)
 DISTRICT 2 BUREAU OF MATERIALS (2)

- THE ADDITIONAL THICKNESS OF PROPOSED PAVEMENT REQUIRED TO MATCH THE BRIDGE APPROACH PAVEMENT, SHOWN IN STANDARD 420401, SHALL BE INCLUDED IN THE COST OF THE PROPOSED PAVEMENT AND NOT PAID FOR SEPARATELY.
- THE CURB IS REQUIRED ON THE BRIDGE APPROACH PAVEMENT AS SHOWN ON STANDARD 420401.
- CULVERT AND 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.
- THE CONTRACTOR SHALL STRAIGHTEN OR CUT OFF THE ENDS OF EXISTING ENTRANCE CULVERTS THAT WILL HAVE NEW METAL END SECTIONS INSTALLED. THE COST OF THIS WILL BE INCLUDED IN THE CONTRACT UNIT PRICE EACH FOR END SECTIONS OF THE SIZE SPECIFIED.
- 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 1 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 1 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.
- 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: 2 EACH.
- PERMANENT SURVEY MARKERS, TYPE II SHALL BE CAST-IN-PLACE AS SHOWN ON HIGHWAY STANDARD 667101.
- THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A DESCRIPTION OF LOCATION, ELEVATION, AND COORDINATES FOR EACH PERMANENT SURVEY MARKER. THE ENGINEER SHALL SUBMIT THIS INFORMATION TO THE SURVEY CREW.
- WORK ON THIS PROJECT WILL BE IN PROGRESS AT THE SAME TIME AS OTHER PROJECTS
 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. SPECIFICALLY WORK ON HURD ROAD IS ANTICIPATED TO BE ADVERTISED ON THE JANUARY 2008 LETTING. THIS WORK MAY REQUIRE A 3 DAY CLOSURE OF HURD ROAD.
- 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:

KINDER-MORGAN ENERGIES PARTNERS	GAS
COMMONWEALTH EDISON COMPANY	ELECTRIC
CITIZENS	TELEPHONE
ALLIANCE PIPELINE COMPANY	PETROLEUM
NORTHERN BORDER PIPELINE COMPANY	PETROLEUM
LIGHTCORE	COMMUNICATIONS
FOLLOWING ARE THE KNOWN UTILITIES LOCATED WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS WHICH ARE NOT MEMBERS OF JULIE AND SHOULD BE NOTIFIED INDIVIDUALLY BY THE CONTRACTOR:	
IDOT-DISTRICT 2 819 DEPOT AVENUE DIXON, IL 61021	GOVERNMENT (815) 284-5469

- THE APPLICABLE PORTIONS OF ARTICLE 105.07 OF THE STANDARD SPECIFICATION SHALL APPLY EXCEPT FOR THE FOLLOWING: THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE THE VERTICAL DEPTHS OF THE UNDERGROUND UTILITIES WHICH MAY INTERFERE WITH CONSTRUCTION OPERATIONS. THIS WORK WILL NOT BE MEASURED OR PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE FOR THE ITEM OF CONSTRUCTION INVOLVED.
 PER SB 699 (90 DAY UTILITY RELOCATION LAW), ONCE RIGHT-OF-WAY IS CLEAR TO AWARD THE PROJECT, A NOTICE WILL BE SENT TO THE UTILITY COMPANIES INSTRUCTING THEM TO HAVE THEIR FACILITIES RELOCATED WITHIN 90 DAYS. ESTIMATED DATE RELOCATION COMPLETE = LETTING DATE + 135 DAYS.
- 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.

- ALL TREES REMOVED FROM THE PROJECT AREA FOR CONSTRUCTION PURPOSE WILL BE REPLACED WITH A DECIDUOUS TREE SPECIES WHICH ARE NATIVE TO DISTRICT 2 AREA. TREES WILL BE PLACED ACCORDING TO IDOT DEPARTMENTAL POLICY- D&E- 18 (SEPTEMBER 18, 2002). LAYOUT SHALL BE PERFORMED BY THE DISTRICT LANDSCAPE ARCHITECT. MULCH SHALL BE HARDWOOD CHIPS, 5 FOOT WIDTH, 4 INCHES THICK WITH WEED BARRIER. IN THE EVENT PLANTING CONDITIONS ARE UNACCEPTABLE, USE ALTERNATE PLANTING SITE: FAT-88/MOLINE ROAD INTERCHANGE.
- THE ENGINEER SHALL CHECK THE OPERATION/CONDITION OF THE EXISTING PIPE CULVERT LEFT OF STATION 429+11. SHOULD THE ENGINEER DETERMINE IT NECESSARY THE CONTRACTOR SHALL REMOVE AND REPLACE THE CULVERTS. CONTINGENCY QUANTITIES HAVE BEEN INCLUDED IN THE PLANS FOR THIS PURPOSE. THE CONTRACTOR SHALL NOT ORDER THESE MATERIALS UNTIL DIRECTED TO DO SO BY THE ENGINEER.
- 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.

COMMITMENTS

- THERE ARE THREE JURISDICTIONAL WETLANDS LOCATED WITHIN THE PROJECT AREA AND TO THE WEST OF THE BRIDGE. THESE WETLANDS ARE BEYOND THE CONSTRUCTION LIMITS AND WILL NOT BE IMPACTED BY PROJECT CONSTRUCTION.
- THESE WETLANDS ARE SHOWN ON THE PLAN SHEET IN THE DESIGN REPORT AND WILL BE SHOWN ON THE CONTRACT PLANS.
- TWO WEEKS PRIOR TO CLOSING MOLINE ROAD FOR THE STATE ROUTE DETOUR, THE RESIDENT ENGINEER SHALL NOTIFY THE CHIEF OF ERIE FIRE PROTECTION DISTRICT AT 309/659-2014 OF THE UPCOMING ROAD CLOSURE.
- TWO WEEKS PRIOR TO CLOSING MOLINE ROAD FOR THE STATE ROUTE DETOUR, THE RESIDENT ENGINEER SHALL NOTIFY THE MS. JANE KEAG, DIRECTOR OF THE ERIE AMBULANCE SERVICE, OF THE UPCOMING ROAD CLOSURE. SHE CAN BE CONTACTED AT THE FOLLOWING TELEPHONE NUMBERS:
 309/659-2568 (HOME)
 309/659-2239 (EXT. 2525)
 309/659-7795 (AMBULANCE OFFICE - NOT STAFFED)

* WHITESIDE & ROCK ISLAND

PLOT DATE = 10/07
 FILE NAME = Z090303NOTES
 PLOT SCALE = NONE
 USER NAME = CHAMW

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION GENERAL NOTES FAS 203 (MOLINE ROAD) SECTION 11BR-1 WHITESIDE & ROCK ISLAND COUNTIES
NAME	DATE	
		SCALE: VERT. HORIZ. DATE 11/05
DRAWN BY ARR		CHECKED BY JKC

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11BR-1	*	43	3
STA.		TO STA.		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				
* WHITESIDE & ROCK ISLAND				

Item No.	Item	Unit	80% FED / 20% STATE Total	ROCK ISLAND COUNTY I000 ROADWAY	WHITESIDE COUNTY I000 ROADWAY	WHITESIDE COUNTY X020-2A BRIDGE
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	6	--	6	--
20200100	EARTH EXCAVATION	CU YD	51	19	32	--
20300100	CHANNEL EXCAVATION	CU YD	26	--	26	--
20400800	FURNISHED EXCAVATION	CU YD	914	278	636	--
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	66	--	--	66
25000750	MOWING	ACRE	0.9	0.4	0.5	--
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	145	65	80	--
28000300	TEMPORARY DITCH CHECKS	EACH	1	1	--	--
28000400	PERIMETER EROSION BARRIER	FOOT	1000	525	475	--
28000500	INLET AND PIPE PROTECTION	EACH	1	--	1	--
28100107	STONE RIPRAP, CLASS A4	SQ YD	438	--	--	438
28200200	FILTER FABRIC	SQ YD	438	--	--	438
31100100	SUB-BASE GRANULAR MATERIAL, TYPE A	TON	460	263	197	--
35101400	AGGREGATE BASE COURSE, TYPE B	TON	86	22	64	--
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	2.5	--	2.5	--
40600525	LEVELING BINDER (HAND METHOD), N50	TON	3	1.5	1.5	--
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	173	94	79	--
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX 'C', N50	TON	246	75	171	--
40701871	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 1/2"	SQ YD	692	391	301	--
42001165	BRIDGE APPROACH PAVEMENT	SQ YD	222	111	111	--
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	627	280	347	--
44000700	APPROACH SLAB REMOVAL	SQ YD	114	57	57	--
44004300	PAVEMENT BREAKING	SQ YD	905	498	407	--
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	900	461	439	--
48101200	AGGREGATE SHOULDERS, TYPE B	TON	547	218	329	--
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	--	--	1
50200100	STRUCTURE EXCAVATION	CU YD	110	--	--	110
50300100	FLOOR DRAINS	EACH	12	--	--	12
50300225	CONCRETE STRUCTURES	CU YD	118.0	--	--	118.0
50300255	CONCRETE SUPERSTRUCTURE	CU YD	228.8	--	--	228.8
50300260	BRIDGE DECK GROOVING	SQ YD	336	--	--	336
50300300	PROTECTIVE COAT	SQ YD	673	111	111	451
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	47660	--	--	47660
51201300	FURNISHING STEEL PILES HP8X36	FOOT	551	--	--	551
51201600	FURNISHING STEEL PILES HP12X53	FOOT	537	--	--	537

PLOT DATE = 10/07
 FILE NAME = Z09085SUMQUANT
 PLOT SCALE = NONE
 USER NAME = CHANS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 FAS 203 (MOLINE ROAD)
 SECTION 11BR-1
 WHITESIDE & ROCK ISLAND COUNTIES

SCALE: VERT.
 DATE 12/05

DRAWN BY ARR
 CHECKED BY JKC

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11BR-1	*	43	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

* WHITESIDE & ROCK ISLAND

Item No.	Item	Unit	80% FED / 20% STATE Total	ROCK ISLAND COUNTY I000 ROADWAY	WHITESIDE COUNTY I000 ROADWAY	WHITESIDE COUNTY X020-2A BRIDGE
51202305	DRIVING PILES	FOOT	1088	--	--	1088
51203300	TEST PILE STEEL HP8X36	EACH	1	--	--	1
51203600	TEST PILE STEEL HP12X53	EACH	1	--	--	1
51204650	PILE SHOES	EACH	24	--	--	24
51500100	NAME PLATES	EACH	1	--	--	1
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15'	FOOT	144	--	144	--
54213450	END SECTIONS 15'	EACH	3	--	3	--
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	36	--	--	36
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4'	FOOT	101	--	--	101
60801015	FLAP GATE 15'	EACH	1	--	1	--
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	375	162.5	212.5	--
* 63000130	STEEL PLATE BEAM GUARD RAIL, TYPE A (SPECIAL)	FOOT	25	25	--	--
* 63100045	TRAFFIC BARRIER TERMINAL TYPE 2	EACH	1	1	--	--
* 63100085	TRAFFIC BARRIER TERMINAL TYPE 6	EACH	4	2	2	--
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	1	1	--
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	1	--	1	--
63200310	GUARDRAIL REMOVAL	FOOT	241	127	114	--
63500105	DELINEATORS	EACH	3	1	2	--
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	2	2	--	--
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MQ	6	3	3	--
67100100	MOBILIZATION	L SUM	1	0.5	0.5	--
* 78001110	PAINT PAVEMENT MARKING - LINE 4'	FOOT	3820	1910	1910	--
78200410	GUARDRAIL MARKERS, TYPE A	EACH	8	3	5	--
78200520	BARRIER WALL MARKERS, TYPE B	EACH	4	2	2	--
78201000	TERMINAL MARKER-DIRECT APPLIED	EACH	3	1	2	--
* A2007814	TREE, TILIA AMERICANA (AMERICAN LINDEN/ BASSWOOD), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	6	--	6	--
X0325519	DRAIN FOR AGGREGATE BASE COURSE	SQ YD	14	6	8	--
X5020501	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 1	EACH	1	--	--	1
X5020502	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 2	EACH	1	--	--	1
X7013015	TRAFFIC CONTROL FOR ROAD CLOSURE	L SUM	1	0.5	0.5	--
50800515	BAR SPLICERS	EACH	66	--	--	66
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5	0.5	--
Z0028415	GEO TECHNICAL REINFORCEMENT	SQ YD	772	436	336	--
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	0.5	0.5	--

* SPECIALTY ITEM

REVISIONS	
NAME	DATE

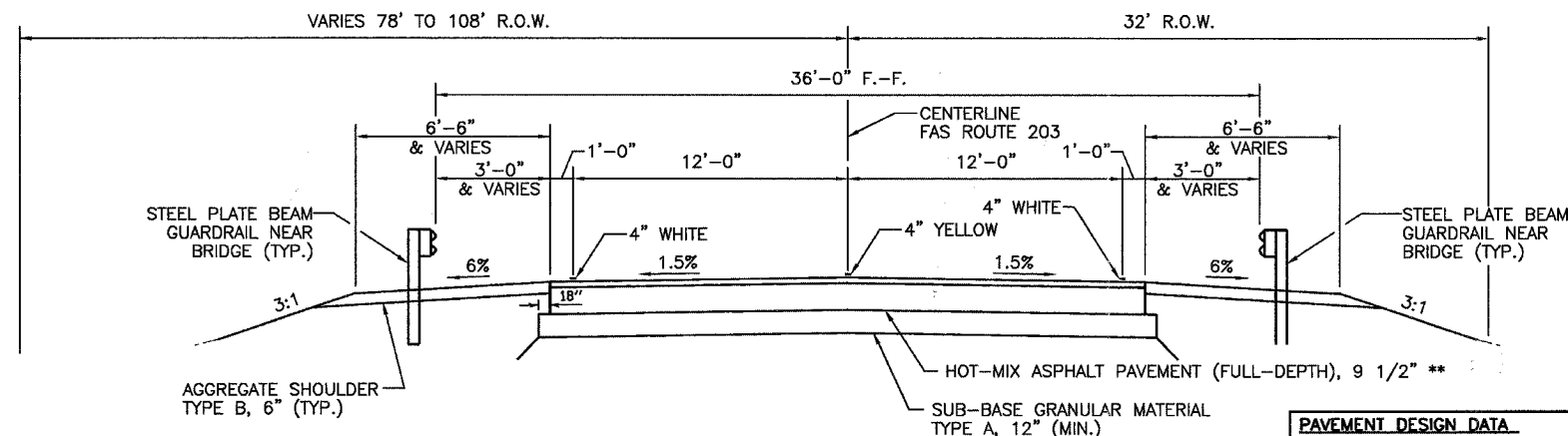
ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 FAS 203 (MOLINE ROAD)
 SECTION 11BR-1
 WHITESIDE & ROCK ISLAND COUNTIES

SCALE: VERT.
 HORIZ.
 DATE 12/05

DRAWN BY ARR
 CHECKED BY JKC

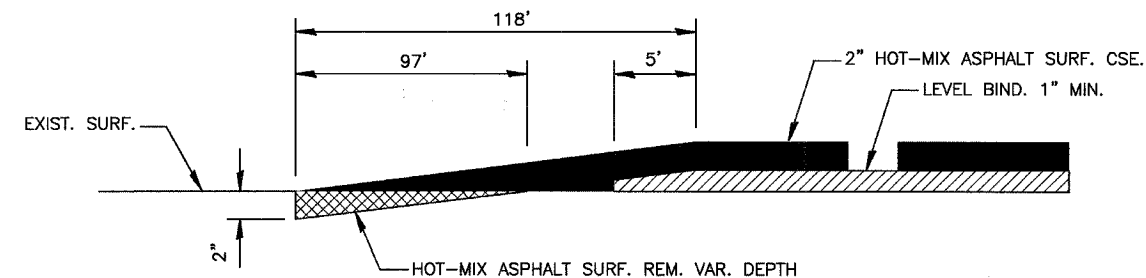
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11BR-1	•	43	5
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• WHITESIDE & ROCK ISLAND

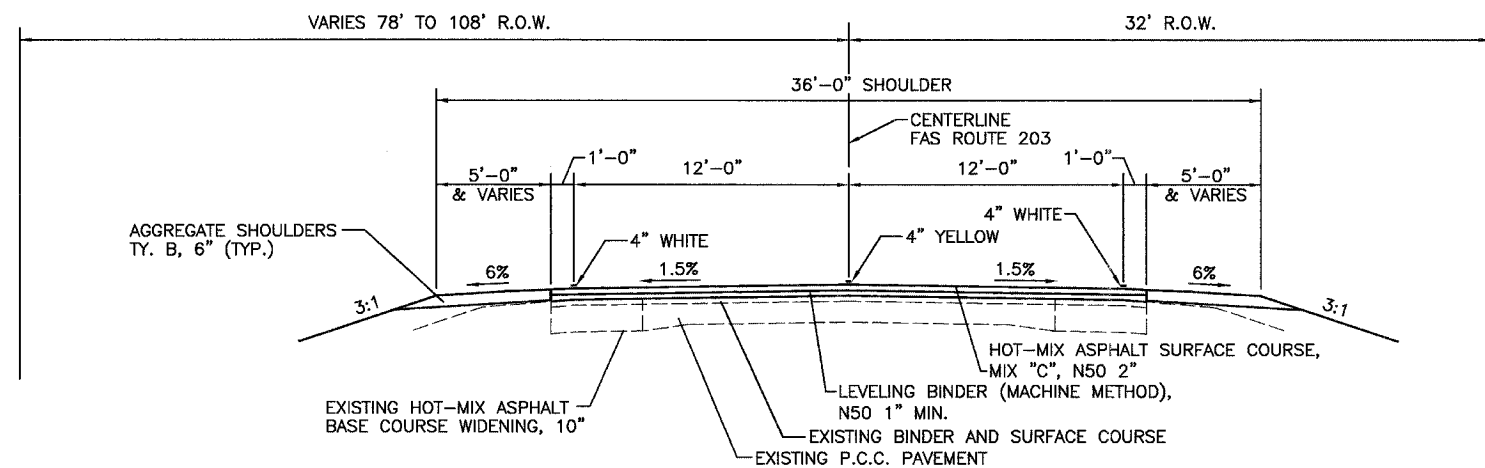


TYPICAL SECTION
 STA. 426+05.16 TO STA. 427+40.43,
 STA. 429+01.17 TO STA. 430+05.40
 ** 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
 7 1/2" HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50

PAVEMENT DESIGN DATA	
ADT = 4900 (2018)	SU = 200
PV = 4582	TRAFFIC FACTOR = 0.69
POOR SUBGRADE SUPPORT	

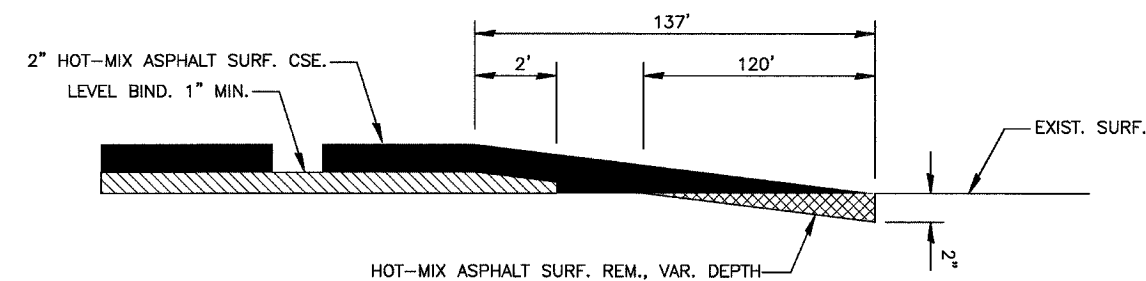


TAPER DETAIL
 STA 423+75 TO STA 424+72

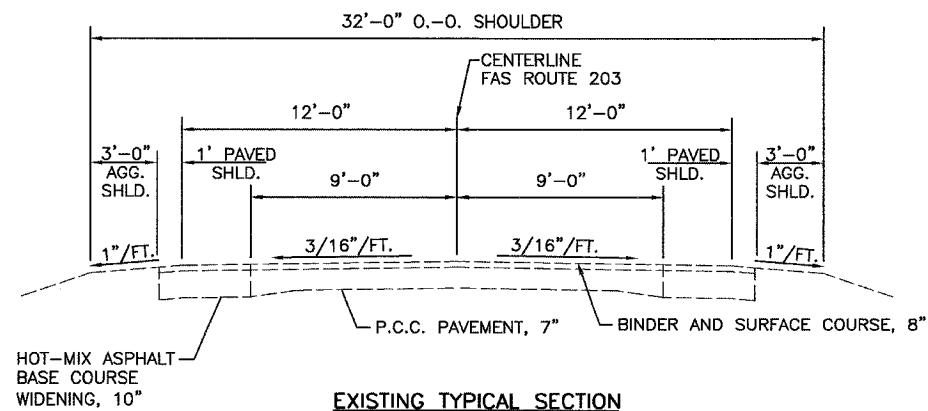


NOTE: VARIABLE DEPTH MILLING REQUIRED AT BEGINNING AND END CONSTRUCTION LOCATIONS

TYPICAL SECTION
 STA. 423+75 TO STA. 426+05.16
 STA. 430+05.40 TO STA. 432+25



TAPER DETAIL
 STA 430+88 TO STA 432+25



EXISTING TYPICAL SECTION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL SECTIONS
 FAS 203 (MOLINE ROAD)
 SECTION 115BR-1
 WHITESIDE & ROCK ISLAND COUNTIES

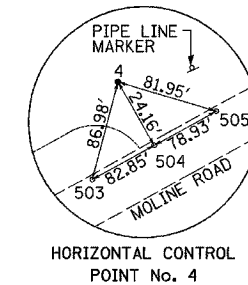
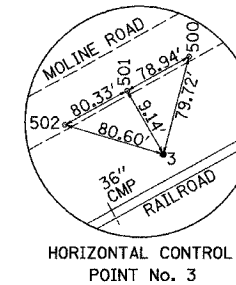
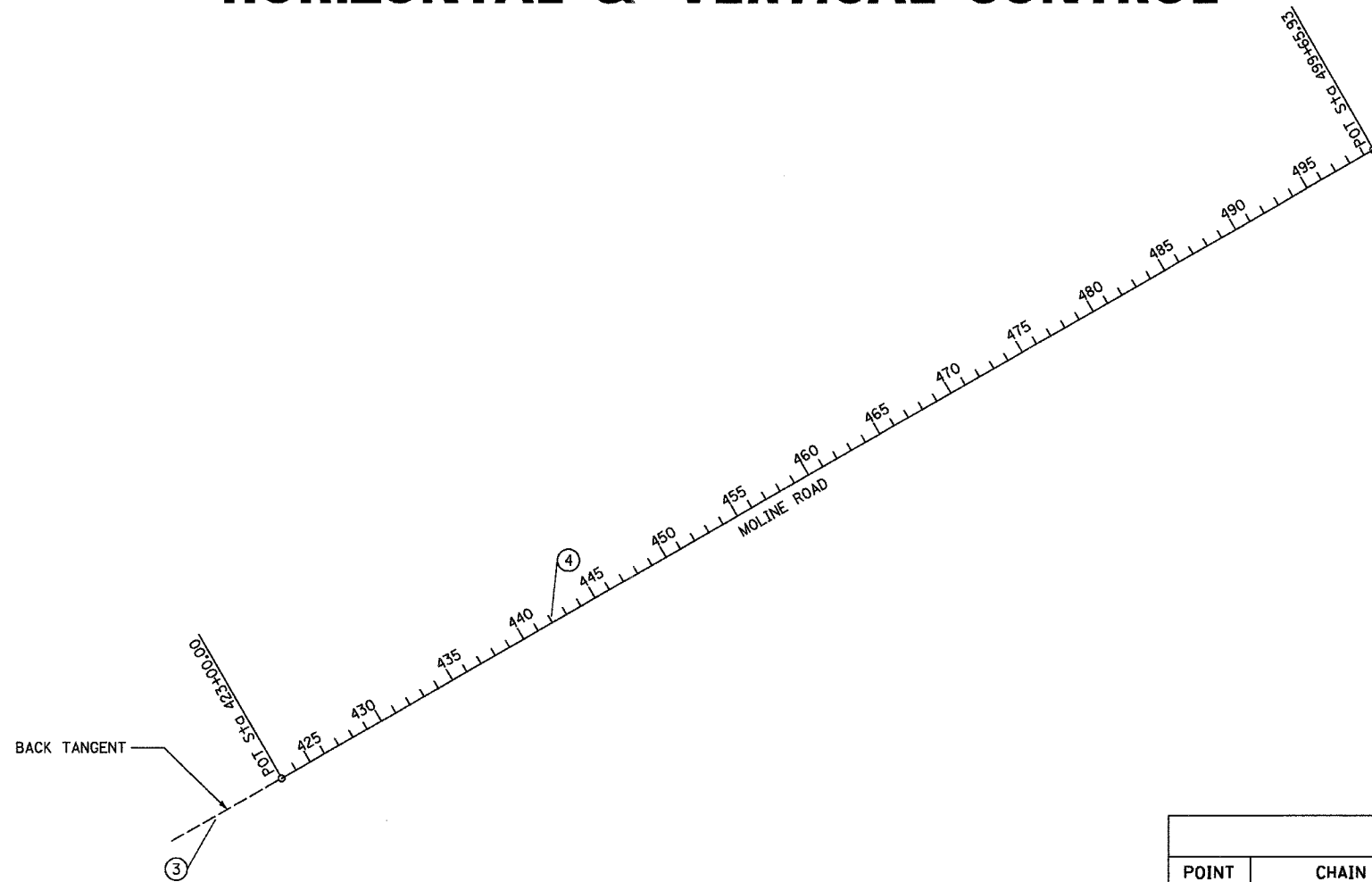
SCALE: VERT. 1" = 800'
 HORIZ. 1" = 800'
 DATE 12/05

DRAWN BY NOE
 CHECKED BY JKC

HOT-MIX ASPHALT 112 LBS./SQ. YD. - INCH

HORIZONTAL & VERTICAL CONTROL

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11BR-1	*	43	6
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		
* WHITESIDE & ROCK ISLAND				



REFERENCE TIES				
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
500	ALIGNMR	419+05.26	11.22' RT.	SURVEY NAIL IN BITUMINOUS PAINT STRIPE
501	ALIGNMR	418+26.29	11.27' RT.	SURVEY NAIL IN BITUMINOUS PAINT STRIPE
502	ALIGNMR	417+45.93	11.36' RT.	SURVEY NAIL IN BITUMINOUS PAINT STRIPE
503	ALIGNMR	441+31.08	11.38' LT.	SURVEY NAIL IN BITUMINOUS PAINT STRIPE
504	ALIGNMR	442+13.96	11.45' LT.	SURVEY NAIL IN BITUMINOUS PAINT STRIPE
505	ALIGNMR	442+92.92	11.43' LT.	SURVEY NAIL IN BITUMINOUS PAINT STRIPE

HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
3	1803736.812	2297137.115	580.084	ALIGNMR	418+26.04	20.41' RT.	REBAR WITH RED AMERICAN SURVEY CONSULTANT CAP
4	1804976.859	2299179.370	578.072	ALIGNMR	442+14.63	35.67' LT.	REBAR WITH RED AMERICAN SURVEY CONSULTANT CAP

BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
403	1804210.9100	2297951.8500	580.79	ALIGNMR	427+68.67	15.90' RT.	CHISELED BOX S.W. CORNER OF BRIDGE DECK
404	1804146.4700	2297942.3900	582.71	ALIGNMR	427+28.32	67.03' RT.	CHISELED BOX N. END OF WEST CONC. RETAINING WALL @ R.R.

Chain ALIGNMR contains:
21 25

Beginning chain ALIGNMR description

Point 21 N 1,803,990.9137 E 2,297,537.7217 Sta 423+00.000
 Course from 21 to 25 N 60° 04' 44.51" E Dist 7,665.9283
 Point 25 N 1,807,814.7170 E 2,304,181.8910 Sta 499+65.928

Ending chain ALIGNMR description

FILE NAME = Z01R03HVC
 PLOT DATE = 09/07
 OPERATOR = CHANS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11BR-1	*	43	8
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		
* WHITESIDE & ROCK ISLAND				

BRIDGE APPROACH PAVEMENT SCHEDULE		
LOCATION (STA TO STA)	42001165 BRIDGE APPROACH PAVEMENT	50300300 PROTECTIVE COAT
	SQ YD	SQ YD
STA 427+40.43 TO STA 427+70.43	111	111
STA 428+71.17 TO STA 429+01.17	111	111
TOTAL	222	222

44000700 APPROACH SLAB REMOVAL	
LOCATION	SQ YD
STA 427+77.50 TO STA 427+97.40	57
STA 428+44.40 TO STA 428+64.30	57
TOTAL	114

542D0220 PIPE CULVERTS, CLASS D, TY 1, 15"	
LOCATION	FOOT
LT. STA. 435+00 (FIELD ENTRANCE)	76
LT. STA. 429+11 (FIELD ENTRANCE) *	68
TOTAL	144

54213450 END SECTIONS, 15"	
LOCATION	EACH
LT. STA. 435+00 (FIELD ENTRANCE)	2
LT. STA. 429+11 (FIELD ENTRANCE) *	1
TOTAL	3

60801015 FLAP GATE, 15" *	
LOCATION	EACH
STA 428+82, LT	1
TOTAL	1

* PROVISIONAL PAY ITEM SHOULD THE ENGINEER DETERMINE THE CULVERT AT THIS LOCATION DOES NOT OPERATE PROPERLY.

63000000 STEEL PLATE BEAM GUARD RAIL, TYPE A	
LOCATION	FOOT
STA 425+55.30 TO STA 427+17.80, RT.	162.5
STA 429+04.80 TO STA 429+79.80, RT.	75.0
STA 429+23.80 TO STA 430+61.30, LT.	137.5
TOTAL	375

63000130 STEEL PLATE BEAM GUARD RAIL, TYPE A, (SPECIAL)	
LOCATION	FOOT
STA 427+29.13, LT	25
TOTAL	25

63100045 TRAFFIC BARRIER TERMINAL, TYPE 2	
LOCATION	EACH
STA 427+29.13, LT.	1
TOTAL	1

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6	
LOCATION	EACH
STA 427+17.80 TO STA 427+60.95, RT.	1
STA 427+36.80 TO STA 427+79.91, LT.	1
STA 428+61.69 TO STA 429+04.80, RT.	1
STA 428+80.65 TO STA 429+23.80, LT.	1
TOTAL	4

63100167 TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT)	
LOCATION	EACH
STA 425+55.30, RT.	1
STA 429+79.80, RT.	1
TOTAL	2

63100169 TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (FLARED)	
LOCATION	EACH
STA 430+61.3	1
TOTAL	1

63200310 GUARDRAIL REMOVAL	
LOCATION	FOOT
STA 426+70 TO STA 427+60, RT.	90
STA 427+68 TO STA 427+89, LT.	37
STA 428+62 TO STA 429+52, RT.	90
STA 428+83 TO STA 428+95, LT.	24
TOTAL	241

63500105 DELINEATORS	
LOCATION	EACH
STA 425+05.35, RT.	1
STA 430+29.8, RT.	1
STA 431+11.3, LT.	1
TOTAL	3

PAINT PAVEMENT MARKING		
	78001110	
	4" YELLOW	4" WHITE
	FOOT	FOOT
STA 423+75 TO STA 432+25 (2 APPLICATIONS)	420	3400
TOTAL	3820	

78200410 GUARDRAIL MARKERS, TYPE A	
LOCATION	EACH
STA 425+05.3 TO STA 430+29.8, RT	5
STA 427+29.13 TO STA 431+11.26, LT	3
TOTAL	8

78200520 BARRIER WALL MARKERS, TYPE B *	
LOCATION	EACH
BRIDGE	4
TOTAL	4

* MARKERS SHALL BE BIDIRECTIONAL SILVER/ SILVER

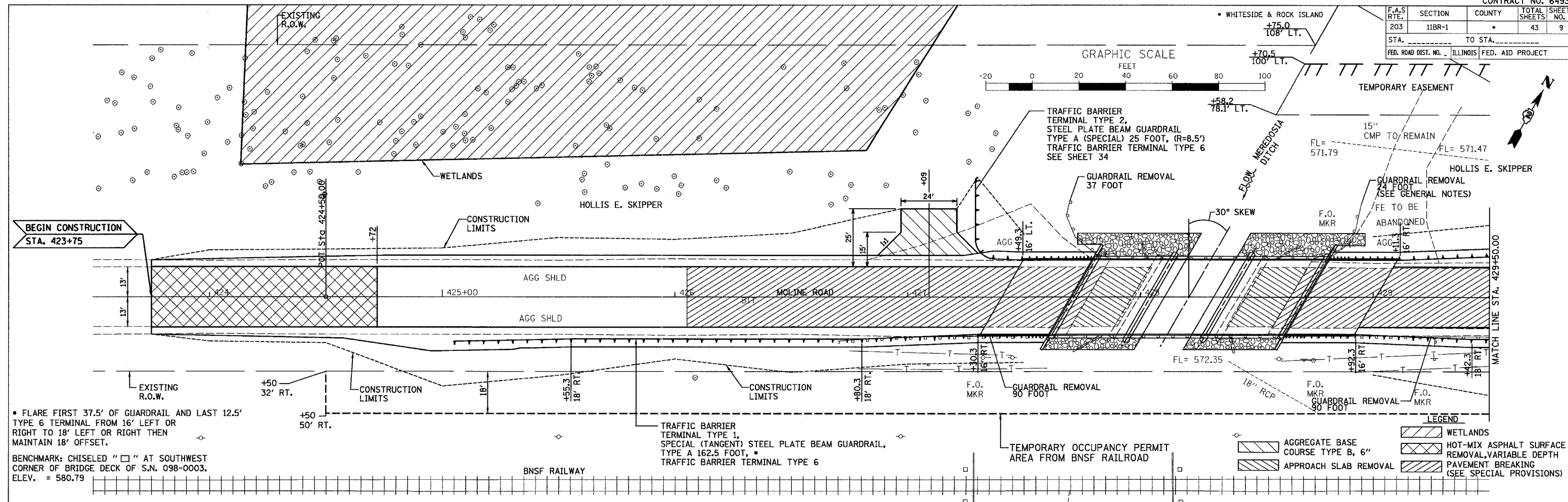
78201000 TERMINAL MARKER - DIRECT APPLIED	
LOCATION	EACH
AT EACH TYPE 1 TERMINAL	3
TOTAL	3

TREE REPLACEMENT SCHEDULE					
CODE NO.	SCIENTIFIC NAME	COMMON NAME	SIZE	UNIT	QUANTITY
A2007814	TILIA AMERICANA	AMERICAN LINDEN/BRASSWOOD	1-3/4"	EACH	6

(SEE GENERAL NOTE 33 ON SHEET 2)

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION SCHEDULE OF QUANTITIES FAS 203 (MOLINE ROAD) SECTION 11BR-1 WHITESIDE & ROCK ISLAND COUNTIES
NAME	DATE	
		SCALE: VERT. HORIZ. DATE: 12/05 DRAWN BY ARR CHECKED BY JKC

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11BR-1		43	9
STA. 423 TO STA. 429		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

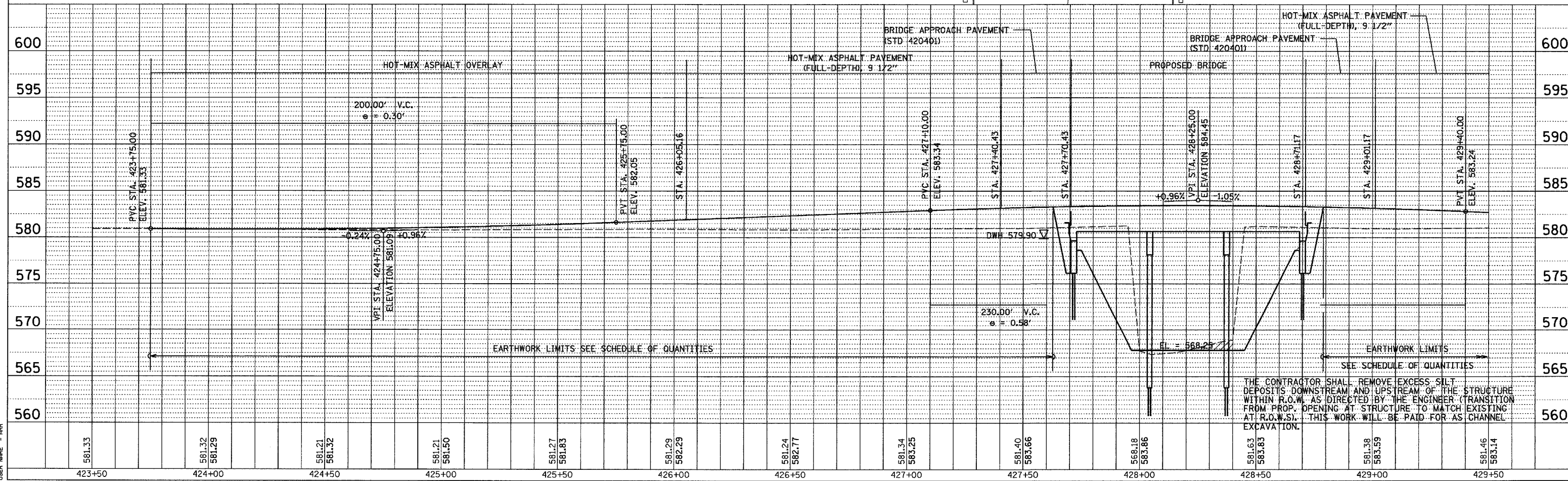


* FLARE FIRST 37.5' OF GUARDRAIL AND LAST 12.5' TYPE 6 TERMINAL FROM 16' LEFT OR RIGHT TO 18' LEFT OR RIGHT THEN MAINTAIN 18' OFFSET.
 BENCHMARK: CHISELED "□" AT SOUTHWEST CORNER OF BRIDGE DECK OF S.N. 098-0003. ELEV. = 580.79

TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT) STEEL PLATE BEAM GUARDRAIL, TYPE A 162.5 FOOT, * TRAFFIC BARRIER TERMINAL TYPE 6

LEGEND

	AGGREGATE BASE COURSE TYPE B, 6"		WETLANDS
	APPROACH SLAB REMOVAL		HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH PAVEMENT BREAKING (SEE SPECIAL PROVISIONS)



THE CONTRACTOR SHALL REMOVE EXCESS SILT DEPOSITS DOWNSTREAM AND UPSTREAM OF THE STRUCTURE WITHIN R.O.W. AS DIRECTED BY THE ENGINEER (TRANSITION FROM PROP. OPENING AT STRUCTURE TO MATCH EXISTING AT R.O.W.S.). THIS WORK WILL BE PAID FOR AS CHANNEL EXCAVATION.

PLAN

DATE	BY

REVISIONS

NO.	DESCRIPTION

PROFILE

DATE	BY

REVISIONS

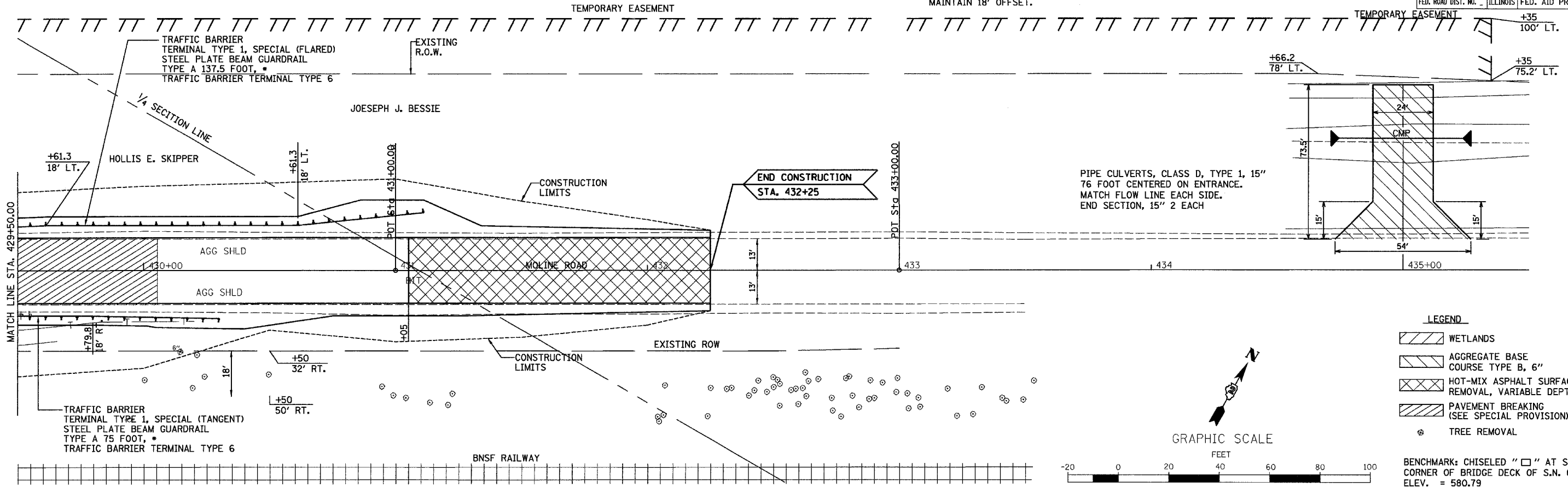
NO.	DESCRIPTION

PLOT DATE = 10/07
 PLOT SCALE = 20' HORIZ / 1" VERT
 USER NAME = ARR

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11B-1	*	43	10
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

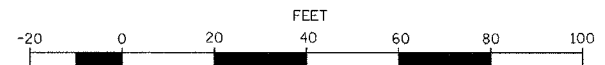
* FLARE FIRST 37.5' OF GUARDRAIL AND LAST 12.5' OF TYPE 6 TERMINAL FROM 16' LEFT OR RIGHT TO 18' LEFT OR RIGHT THEN MAINTAIN 18' OFFSET.

* WHITESIDE & ROCK ISLAND



- LEGEND
- WETLANDS
 - AGGREGATE BASE COURSE TYPE B, 6"
 - HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
 - PAVEMENT BREAKING (SEE SPECIAL PROVISION)
 - TREE REMOVAL

GRAPHIC SCALE



BENCHMARK: CHISELED "□" AT SOUTHWEST CORNER OF BRIDGE DECK OF S.N. 098-0003. ELEV. = 580.79

PLAN

REVISIONS	DATE

NOTE BOOK NO. _____

ALIGNMENT CHECKED _____

PLOTTED _____

CADD FILE NAME _____

PROFILE

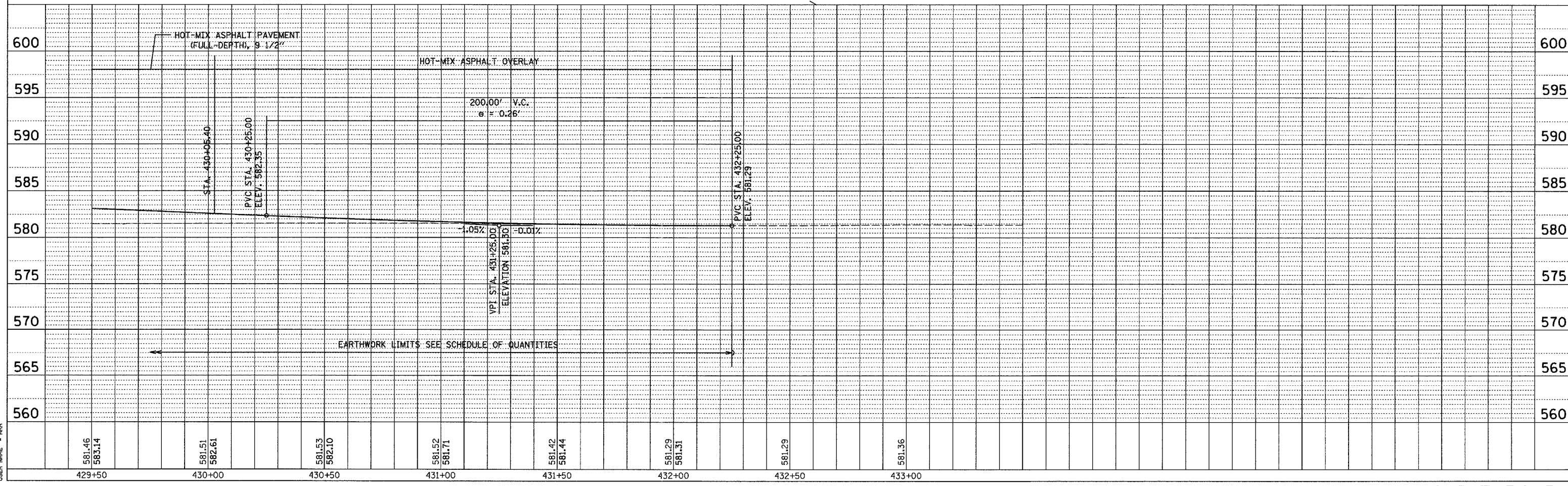
REVISIONS	DATE

NOTE BOOK NO. _____

GRADES CHECKED _____

STRUCTURE NOTATION CHKD _____

PLOTTED _____



PLOT DATE = 10/27/97

USER NAME = ARR

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11BR-1	*	43	11
STA.		TO STA.		
FED. ROAD DIST. NO. - ILLINOIS		FED. AID PROJECT		

* WHITESIDE & ROCK ISLAND

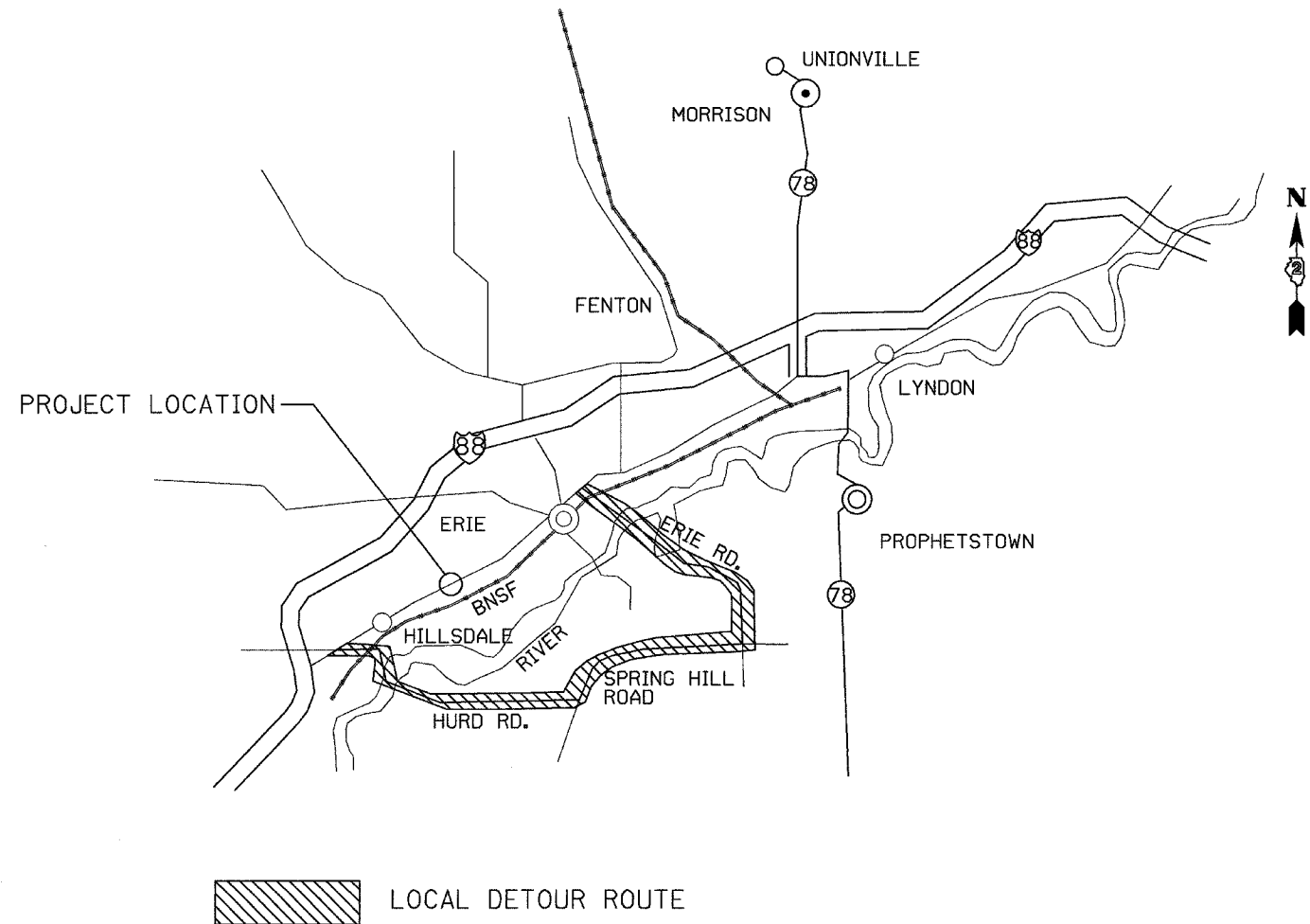
NOTES:

QUANTITIES OF 100 TON OF HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2.5 TON BITUMINOUS MATERIAL (PRIME COAT) AND 100 TON OF AGGREGATE SHOULDERS, TYPE B HAVE BEEN INCLUDED TO BE USED TO MAINTAIN:

- MOLINE RD TO 94TH AVE N TO 317TH ST N TO FARGO RD TO MOLINE RD
- MOLINE RD TO MAIN ST TO JACKSON ST TO HURD RD TO SPRING HILL RD TO ERIE RD TO MOLINE RD
- MOLINE RD TO MAIN ST TO ELSTON RD TO MOLINE RD

ERIE TOWNSHIP AND CANOE CREEK TOWNSHIP COMMISSIONERS AND ROCK ISLAND AND WHITESIDE COUNTY ENGINEERS SHALL BE INFORMED 1 WEEK PRIOR TO THE CONSTRUCTION BEGINNING. ABOVE LISTED SHALL BE INVITED TO THE PRE-CONSTRUCTION MEETING.

THE RESIDENT ENGINEER, PRIOR TO CLOSING THE ROAD AND AFTER THE PROJECT IS FINISHED, SHALL CONTACT THE CORRESPONDING TOWNSHIPS OF ERIE AND CANOE CREEK AND ROCK ISLAND AND WHITESIDE COUNTY TO VIDEOTAPE THE FOLLOWING ROADS: 94TH AVE, 317TH ST, FARGO RD, MAIN ST, JACKSON ST, HURD RD, SPRING HILL RD, ERIE RD, ELSTON RD.



PLAT DATE = 10/07
 FILE NAME = 729903TRAFFIC.TBL
 PLOT SCALE = 1" = 1000'
 USER NAME = CHAM5

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC CONTROL PLAN
 FAS 203 (MOLINE ROAD)
 SECTION 11BR-1
 WHITESIDE & ROCK ISLAND COUNTIES

SCALE: VERT. 1" = 1000'
 HORIZ. 1" = 1000'

DATE 3/06

DRAWN BY KKP
 CHECKED BY JKC

Existing Structure: SN 098-0003 to be removed. Originally built in 1924 as Route SB13 Section II B. Single span, prestressed concrete box beam with closed abutments on pile supported footings. 4'-4" Bk. to Bk. abutments. Superstructure was replaced and widened in 1971.

Benchmark: Chiseled "□" at Southwest Corner of Bridge Deck of S.N. 098-0003. Elev. = 580.79

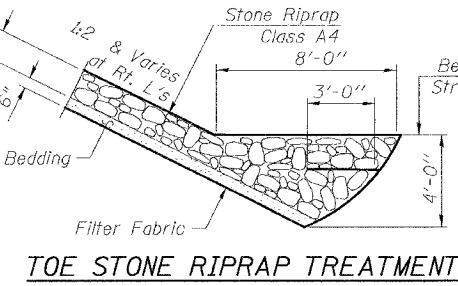
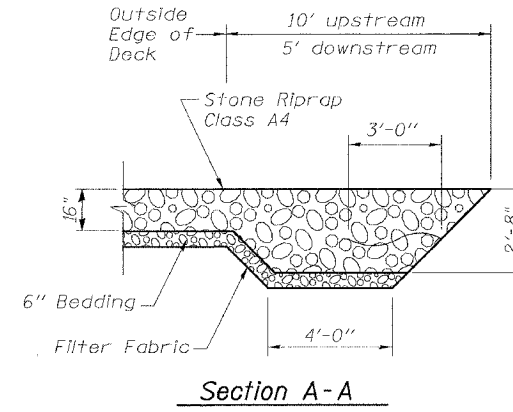
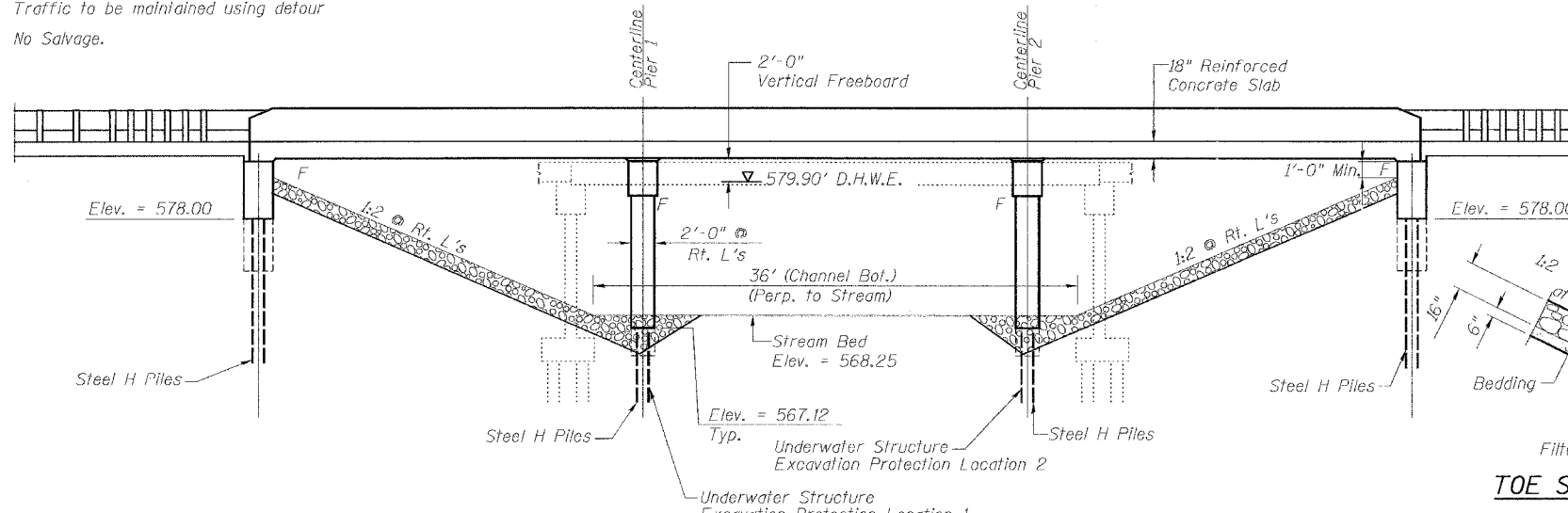
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET #1 OF 11 SHEETS		ROUTE NO.	SECTION	COUNTY	DATE	POST
		FAS 203	11BR-1	WHITESIDE & ROCK ISLAND	12	43
		FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT-		

CONTRACT #64939

Contractor shall remove existing structure as required and replace with a 3 span reinforced concrete slab bridge on pile bent piers and integral abutments.

Traffic to be maintained using detour
No Salvage.



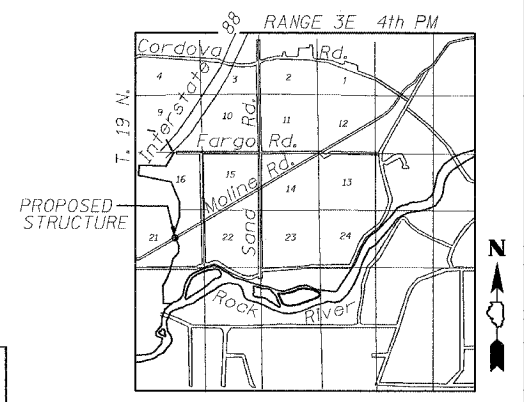
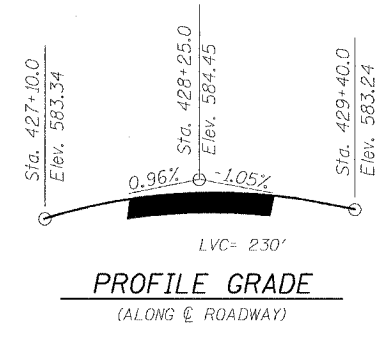
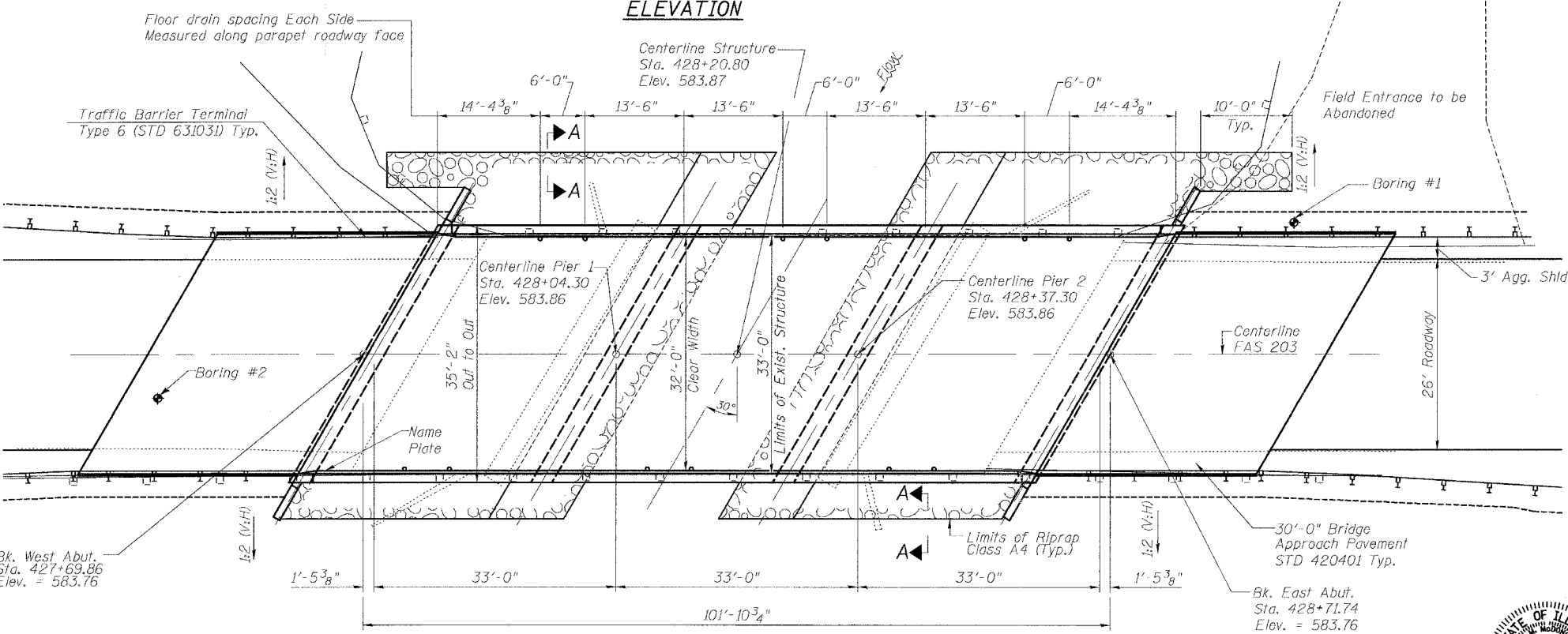
- INDEX OF SHEETS**
1. GENERAL PLAN AND ELEVATION
 2. FOUNDATION PLAN
 3. DECK ELEVATIONS
 4. SUPERSTRUCTURE PLAN
 5. SUPERSTRUCTURE DETAILS
 6. SUPERSTRUCTURE DETAILS
 7. PILE BENT ABUTMENT
 8. PILE BENT PIER
 9. BAR SPLICER DETAILS
 10. BORING LOGS
 11. BORING LOGS

WATERWAY INFORMATION

DRAINAGE AREA = 90.4 SQ. MI. LOW GRADE ELEV. = 581.2 (Exist./Prop.) @ Sta. 424+50

Flood	FREQ. YR.	0 C.F.S.	OPENING SQ. FT.		NAT. H.W.E.	HEAD - FT.		HEADWATER EL.	
			EXIST.	PROP.		EXIST.	PROP.	EXIST.	PROP.
	10	1635	360	517	578.2	0.2	0.4	578.4	578.6
Design	50	2247	410	646	579.9	0.7	0.4	580.6	580.3
Overtop (E)	90	2400	410	-	580.3	0.9	-	581.2	-
Base	100	2482	410	685	580.4	1.0	0.5	581.4	580.9
Overtop (P)	250	2700	-	717	580.8	-	0.4	-	581.2
Max. Calc.	500	3016	410	772	581.5	1.3	0.3	582.8	581.8

10 year velocity through existing bridge = 4.5 fps
10 year velocity through prop. bridge = 3.2 fps



STATION 428+20.80
BUILT 200 BY
STATE OF ILLINOIS
F.A. RT. 203 SEC. 11BR-1
LOADING HS20
STR. NO. 098-0111

NAME PLATE
Locate Name Plate at Southwest Corner of Bridge See Std. 515001

DESIGN SPECIFICATIONS
2002 AASHTO
DESIGN STRESSES
FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)
LOADING HS20-44
Allow 50#/sq. ft. for future wearing surface

SEISMIC DATA
S.P.C. A
A = 0.04
S = 1.0

APPROVED
FOR STRUCTURAL ADEQUACY ONLY
Robert E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

Toni M. McDonough 11-7-07
Date
Toni M. McDonough
License Expires 11/30/08

DESIGNED	KCM
CHECKED	TMM
DRAWN	JLM
CHECKED	TMM

GENERAL PLAN AND ELEVATION
FAS ROUTE 203 (MOLINE ROAD)
OVER MEREDOSIA DITCH
SECTION 11BR-1
STA. 428+20.80
WHITESIDE & ROCK ISLAND COUNTIES
SN 098-0111

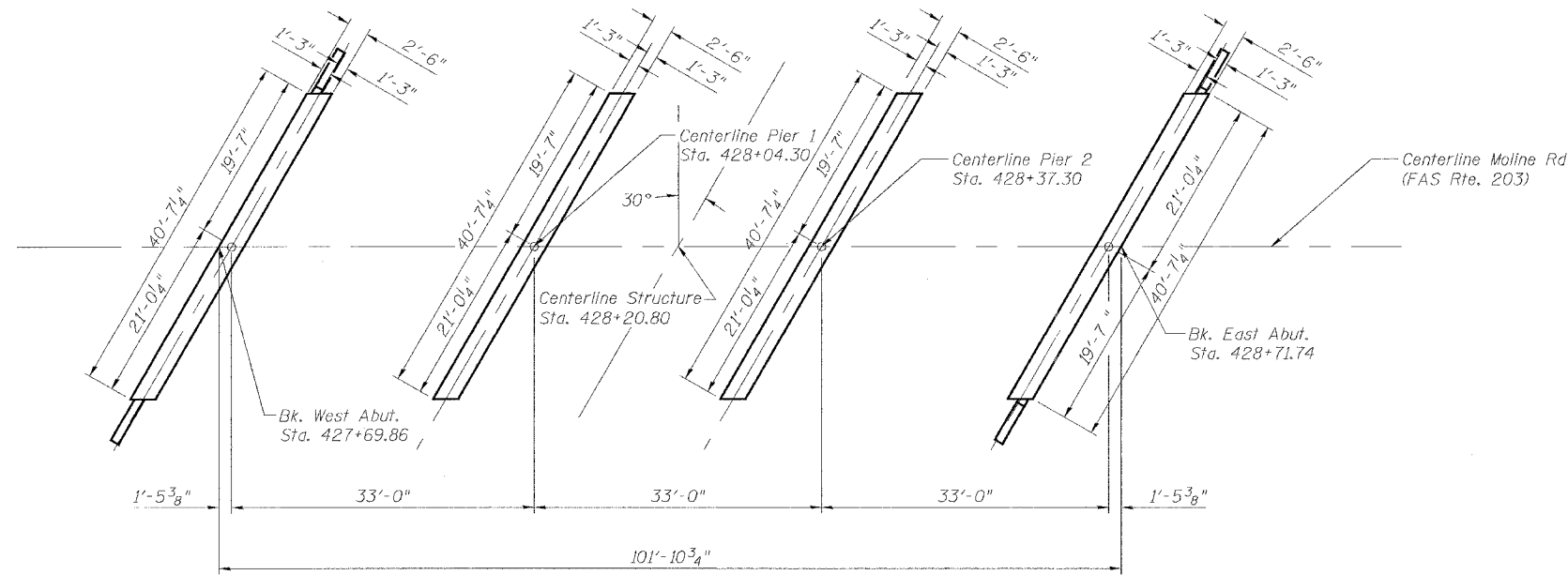
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET #2 OF 11 SHEETS		ROUTE NO. FAS 203	SECTION 11BR-1	COUNTY WHITESIDE & ROCK ISLAND	TOTAL SHEETS 13	SHEET NO. 43
		FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT-		

CONTRACT #64939

GENERAL NOTES

- The Contractor shall drive 2 test piles, as specified, in permanent locations. 1 HP 8x36 in the West Abutment and 1 HP 12x53 in pier 1, as directed by the Engineer before ordering the remaining piles. The test piles shall be driven to 110 percent of the Nominal Required Bearing Indicated in the pile data information.
- Layout of the slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.
- Reinforcement bars shall conform to the requirements of ASTM A706 Grade 60 (Illinois Modified) See Special Provisions.
- The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection.
- All construction joints shall be bonded.
- The aggregate material for Pipe Underdrain for Structures shall be CA 7.
- The steel H-piles shall be according to AASHTO M270 Grade 50.
- Slip forming the upper portion of the parapet is not allowed.



PLAN

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.		Total
			Piers	Abuts.	
Porous Granular Embankment, (Special)	Cu. Yd.	--	--	66	66
Stone Riprap, Class A1	Sq. Yd.	--	--	--	438
Filter Fabric	Sq. Yd.	--	--	--	438
Removal of Existing Structures	Each	--	--	--	1
Structure Excavation	Cu. Yd.	--	19	91	110
Floor Drains	Each	12	--	--	12
Concrete Structures	Cu. Yd.	--	88.6	29.4	118.0
Concrete Superstructure	Cu. Yd.	228.8	--	--	228.8
Bridge Deck Grooving	Sq. Yd.	336	----	--	336
Protective Coat	Sq. Yd.	451	--	--	451
Reinforcement Bars, Epoxy Coated	Pound	37,480	6,960	3,220	47,660
Furnishing Steel Piles HP8x36	Foot	--	--	551	551
Furnishing Steel Piles HP12x53	Foot	--	537	--	537
Driving Piles	Foot	--	537	551	1088
Test Pile Steel HP8x36	Each	--	--	1	1
Test Pile Steel HP12x53	Each	--	1	--	1
Pile Shoes	Each	--	12	12	24
Name Plates	Each	1	--	--	1
Geocomposite Wall Drain	Sq. Yd.	--	--	36	36
Pipe Underdrains for Structures 4"	Foot	--	--	101	101
Underwater Structure Excavation Protection -Location 1	Each	--	1	--	1
Underwater Structure Excavation Protection -Location 2	Each	--	1	--	1
Bar Splicers	Each	66	--	--	66

DESIGNED	KCM
CHECKED	TMM
DRAWN	JLM
CHECKED	TMM

FOUNDATION PLAN
FAS ROUTE 203 (MOLINE ROAD)
OVER MEREDOSIA DITCH
SECTION 11BR-1
STA. 428+20.80
WHITESIDE & ROCK ISLAND COUNTIES
SN 098-0111

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET #3 OF 11 SHEETS		ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
		FAS 203	11B-1	WHITESIDE & ROCK ISLAND	14	43
		FED. ROAD DIST. NO. 3	ILLINOIS FED. AID PROJECT-			

CONTRACT #64939

OFFSET 12.00 LT

CENTERLINE

OFFSET 12.00 RT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Centerline W. Abut	427+78.23	12.00 LT	583.610	583.610
A	427+86.48	12.00 LT	583.637	583.666
B	427+94.73	12.00 LT	583.658	583.693
C	428+02.98	12.00 LT	583.673	583.693
Centerline Pier 1	428+11.23	12.00 LT	583.683	583.683
D	428+19.48	12.00 LT	583.686	583.682
E	428+27.73	12.00 LT	583.683	583.681
F	428+35.98	12.00 LT	583.674	583.670
Centerline Pier 2	428+44.23	12.00 LT	583.660	583.660
G	428+52.48	12.00 LT	583.639	583.659
H	428+60.73	12.00 LT	583.613	583.648
J	428+68.98	12.00 LT	583.580	583.609
Centerline E. Abut	428+77.23	12.00 LT	583.542	583.542

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Centerline W. Abut	427+71.30	0.00	583.764	583.764
A	427+79.55	0.00	583.802	583.831
B	427+87.80	0.00	583.828	583.863
C	427+96.05	0.00	583.849	583.869
Centerline Pier 1	428+04.30	0.00	583.863	583.863
D	428+12.55	0.00	583.871	583.867
E	428+20.80	0.00	583.873	583.871
F	428+29.05	0.00	583.870	583.865
Centerline Pier 2	428+37.30	0.00	583.860	583.860
G	428+45.55	0.00	583.844	583.864
H	428+53.80	0.00	583.823	583.858
J	428+62.05	0.00	583.795	583.824
Centerline E. Abut	428+70.30	0.00	583.762	583.762

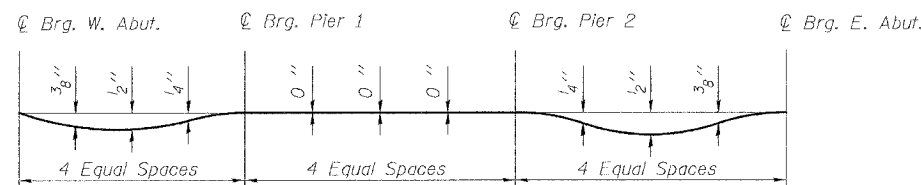
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Centerline W. Abut	427+64.37	12.00 RT	583.551	583.551
A	427+72.62	12.00 RT	583.588	583.617
B	427+80.87	12.00 RT	583.619	583.654
C	427+89.12	12.00 RT	583.645	583.665
Centerline Pier 1	427+97.37	12.00 RT	583.664	583.664
D	428+05.62	12.00 RT	583.677	583.673
E	428+13.87	12.00 RT	583.684	583.682
F	428+22.12	12.00 RT	583.686	583.681
Centerline Pier 2	428+30.37	12.00 RT	583.681	583.681
G	428+38.62	12.00 RT	583.670	583.690
H	428+46.87	12.00 RT	583.654	583.689
J	428+55.12	12.00 RT	583.631	583.660
Centerline E. Abut	428+63.37	12.00 RT	583.603	583.603

OFFSET 16.00 LT

OFFSET 16.00 RT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Centerline W. Abut	427+80.54	16.00 LT	583.535	583.535
A	427+88.79	16.00 LT	583.560	583.589
B	427+97.04	16.00 LT	583.580	583.615
C	428+05.29	16.00 LT	583.593	583.613
Centerline Pier 1	428+13.54	16.00 LT	583.601	583.601
D	428+21.79	16.00 LT	583.602	583.598
E	428+30.04	16.00 LT	583.598	583.595
F	428+38.29	16.00 LT	583.588	583.583
Centerline Pier 2	428+46.54	16.00 LT	583.571	583.571
G	428+54.79	16.00 LT	583.549	583.569
H	428+63.04	16.00 LT	583.521	583.556
J	428+71.29	16.00 LT	583.487	583.516
Centerline E. Abut	428+79.54	16.00 LT	583.447	583.447

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Centerline W. Abut	427+62.06	16.00 RT	583.457	583.457
A	427+70.31	16.00 RT	583.495	583.524
B	427+78.56	16.00 RT	583.528	583.563
C	427+86.81	16.00 RT	583.555	583.575
Centerline Pier 1	427+95.06	16.00 RT	583.576	583.576
D	428+03.31	16.00 RT	583.591	583.586
E	428+11.56	16.00 RT	583.599	583.597
F	428+19.81	16.00 RT	583.602	583.598
Centerline Pier 2	428+28.06	16.00 RT	583.600	583.600
G	428+36.31	16.00 RT	583.591	583.611
H	428+44.56	16.00 RT	583.576	583.611
J	428+52.81	16.00 RT	583.555	583.584
Centerline E. Abut	428+61.06	16.00 RT	583.528	583.528

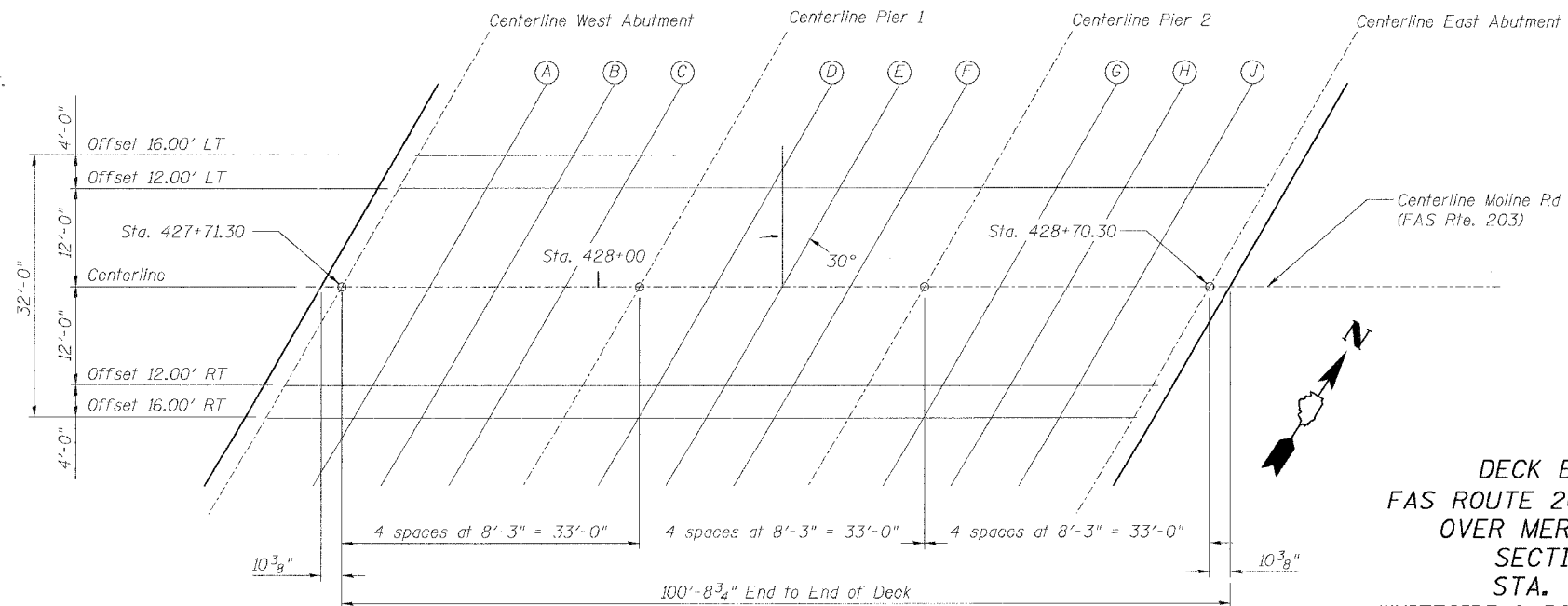


DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

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 above.

DESIGNED	KCM
CHECKED	TMM
DRAWN	JLM
CHECKED	TMM



PLAN

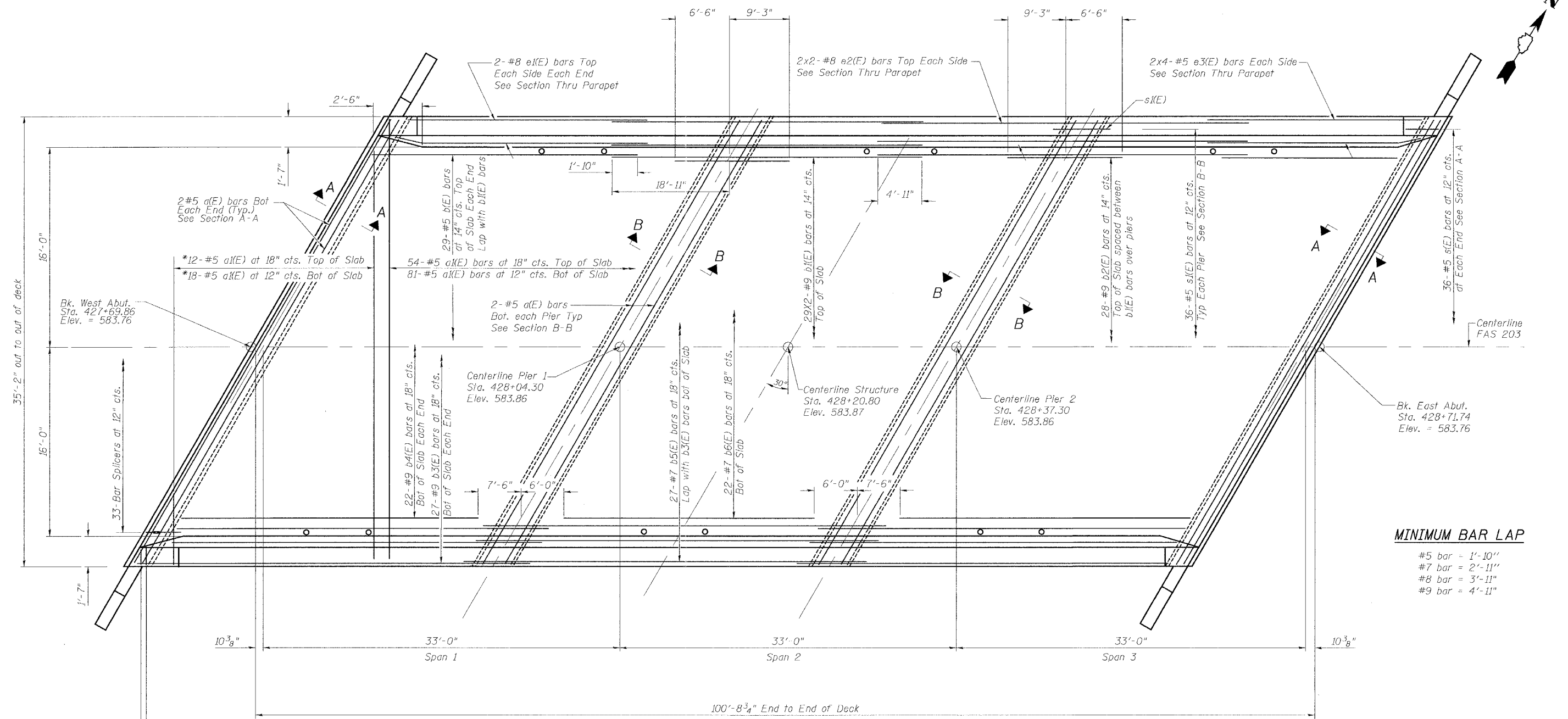
DECK ELEVATIONS
FAS ROUTE 203 (MOLINE ROAD)
OVER MEREDOSIA DITCH
SECTION 11B-1
STA. 428+20.80
WHITESIDE & ROCK ISLAND COUNTIES
SN 098-0111

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET #4 OF 11 SHEETS		ROUTE NO.	DISTRICT	COUNTY	SHEET	POST
		FAS 203	11BR-1	WHITESIDE & ROCK ISLAND	15	43
		FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT-		

CONTRACT #64939

* Order a(E) bars full length
Cut to fit skew and use
remainder in opposite end
(See Bar Cutting Diagram)



MINIMUM BAR LAP

#5 bar	= 1'-10"
#7 bar	= 2'-11"
#8 bar	= 3'-11"
#9 bar	= 4'-11"

111-#5 d(E) bars at 11" cts. Inside Face Each Side
102-#4 d(E) bars at 12" cts. Outside Face Each Side
102-#4 s2(E) bars at 12" cts. Each Side
See Section Thru Parapet

PLAN

NOTES

- See sheets No. 5 and 6 of 11 for Superstructure Details, parapet reinforcing, and Bill of Materials.
- Reinforcing bars designated (E) shall be epoxy coated.
- Bars indicated thus 6x3-#5 etc. indicates 6 lines of bars with 3 lengths per line.
- See sheet No.1 of 11 for Floor drain spacing.
- Space reinforcement bars to clear floor drain.

**SUPERSTRUCTURE PLAN
FAS ROUTE 203 (MOLINE ROAD)
OVER MEREDOSIA DITCH
SECTION 11BR-1
STA. 428+20.80
WHITESIDE & ROCK ISLAND COUNTIES
SN 098-0111**

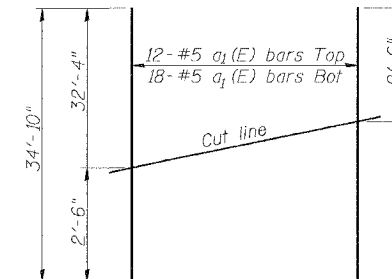
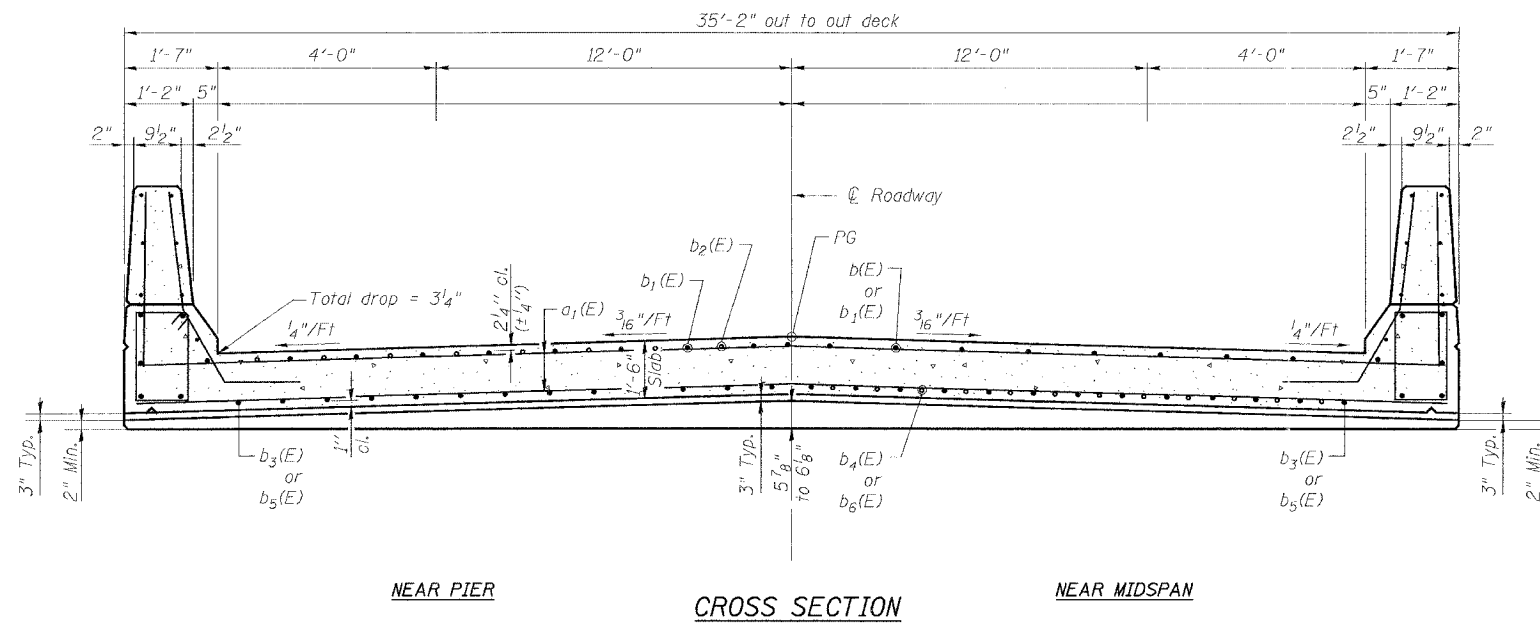
DESIGNED	KCM
CHECKED	TMM
DRAWN	JLM
CHECKED	TMM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET #5 OF
11 SHEETS

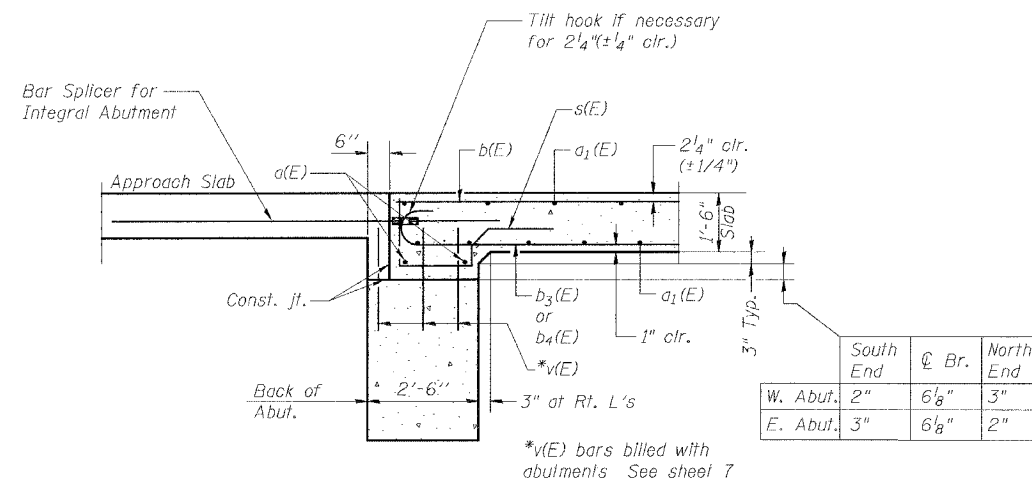
ROUTE NO.	SECTION	COUNTY	DATE	SHEET
FAS 203	11BR-1	WHITESIDE & ROCK ISLAND	16	43
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT-		

CONTRACT #64939



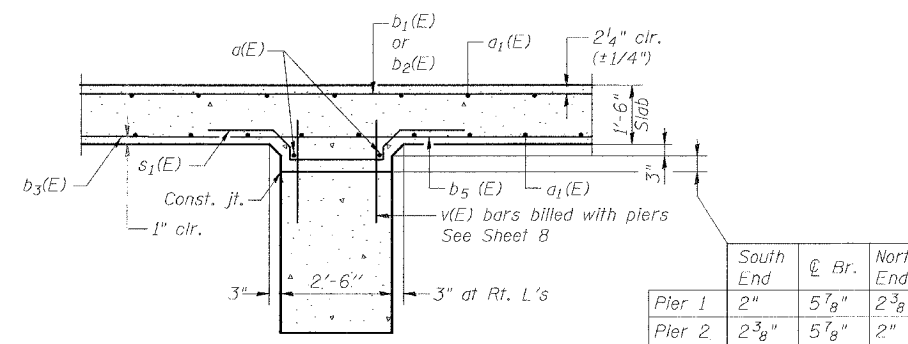
FIELD CUTTING DIAGRAM

Order $a_1(E)$ bars full length.
Cut to fit and use the remainder of bars
in opposite face.



SECTION A-A

SECTION THRU ABUTMENT



SECTION B-B

SECTION THRU PIER

NOTES

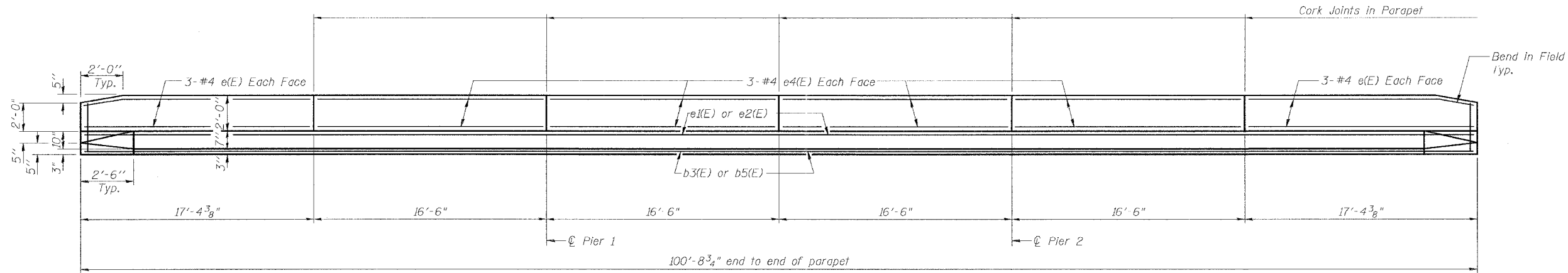
- See sheets No. 4 and 6 of 11 for Plan, parapet reinforcing, and Bill of Materials.
- Reinforcing bars designated (E) shall be epoxy coated.
- Bars indicated thus 6x3-#5 etc. indicates 6 lines of bars with 3 lengths per line.
- See sheet No.1 of 11 for floor drain spacing.
- Space reinforcement bars to clear floor drain.

DESIGNED	KCM
CHECKED	TMM
DRAWN	JLM
CHECKED	TMM

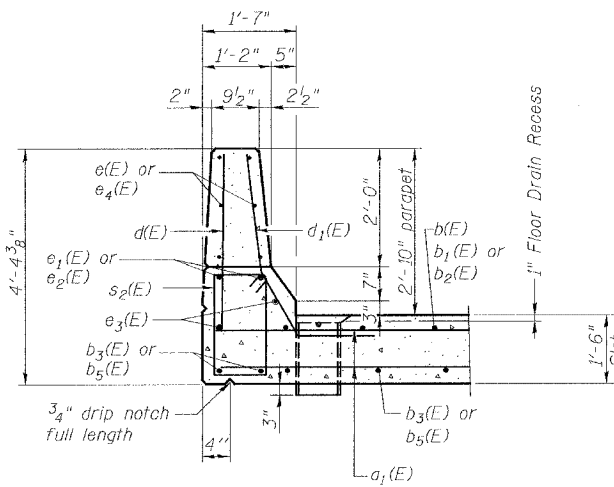
SUPERSTRUCTURE DETAILS
FAS ROUTE 203 (MOLINE ROAD)
OVER MEREDOSIA DITCH
SECTION 11BR-1
STA. 428+20.80
WHITESIDE & ROCK ISLAND COUNTIES
SN 098-0111

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

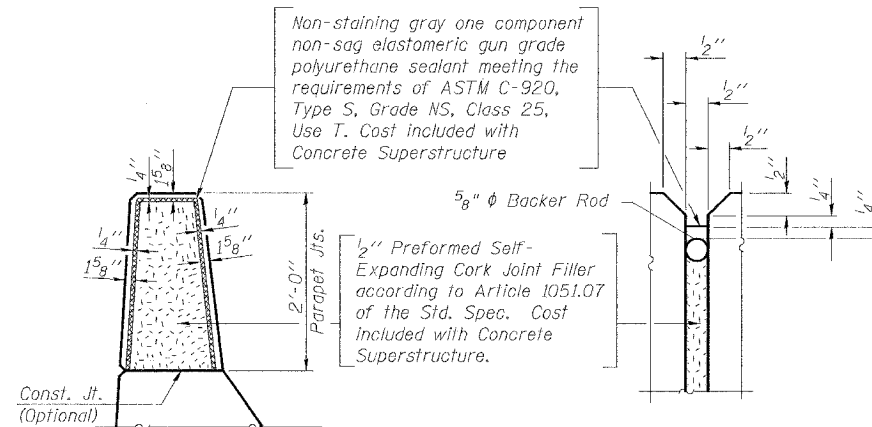
SHEET #6 OF 11 SHEETS	ROUTE NO.	SECTION	COUNTY	POST MILE	SHEET
	FAS 203	11BR-1	WHITESIDE & ROCK ISLAND	17	43
	FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT-		
					CONTRACT #64939



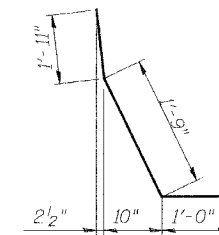
INSIDE ELEVATION OF PARAPET



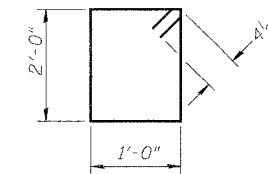
SECTION THRU PARAPET



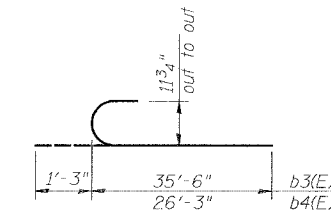
PARAPET JOINT DETAILS



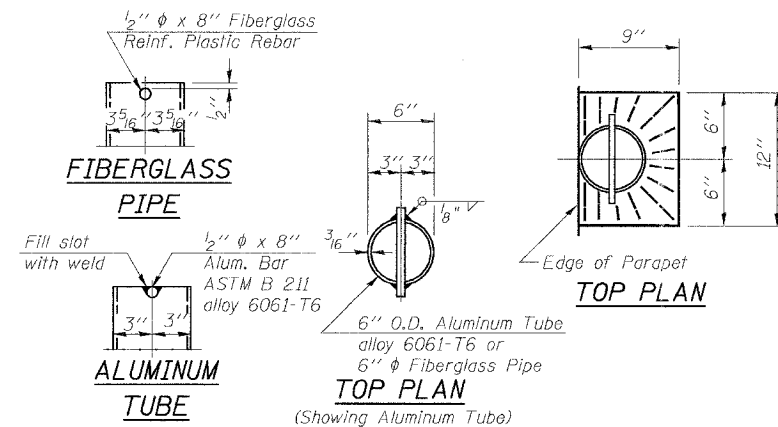
BAR $d_1(E)$



BAR $s_2(E)$



BAR $b_3(E)$ and $b_4(E)$



FLOOR DRAINS

Notes:

Fiberglass pipe shall conform to ASTM D 2996, with short-time rupture strength hoop tensile stress of 30,000 p.s.i. minimum.
The exterior surfaces of the floor drains shall be coated or pigmented by the manufacturer with a color that matches the concrete

**SUPERSTRUCTURE
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
$d_1(E)$	8	#5	40'-2"	—
$a_1(E)$	165	#5	34'-10"	—
$b_1(E)$	58	#5	16'-8"	—
$b_1(E)$	58	#9	37'-11"	—
$b_2(E)$	56	#9	15'-9"	—
$b_3(E)$	54	#9	36'-9"	—
$b_4(E)$	44	#9	27'-6"	—
$b_5(E)$	27	#7	36'-6"	—
$b_6(E)$	22	#7	21'-0"	—
$d_1(E)$	204	#4	3'-0"	—
$d_1(E)$	222	#5	4'-8"	—
$e_1(E)$	24	#4	17'-0"	—
$e_1(E)$	8	#8	18'-9"	—
$e_2(E)$	8	#8	37'-5"	—
$e_3(E)$	16	#5	26'-6"	—
$e_4(E)$	48	#4	16'-2"	—
$s_1(E)$	72	#5	6'-0"	—
$s_1(E)$	72	#5	7'-4"	—
$s_2(E)$	204	#4	6'-9"	—
Reinforcement Bars, Epoxy Coated		Pound	37480	
Concrete Superstructure		Cu. Yds.	228.8	

Reinforcement bars designated (E) shall be epoxy coated.
Bars indicated thus 1 x 4 - #5 etc. indicates 1 line of bars with 4 lengths per line.

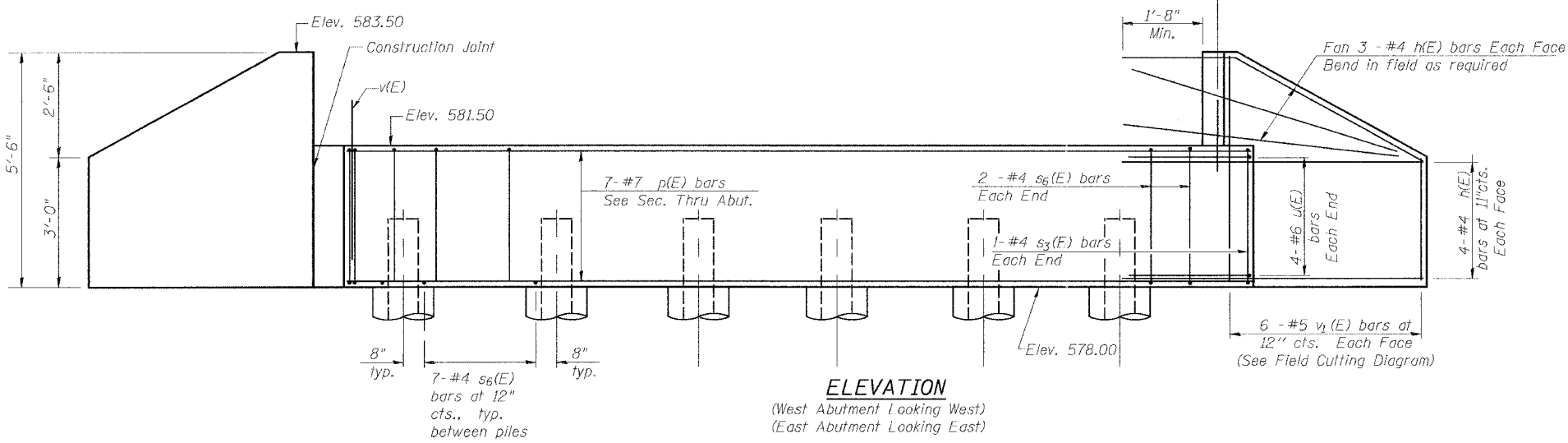
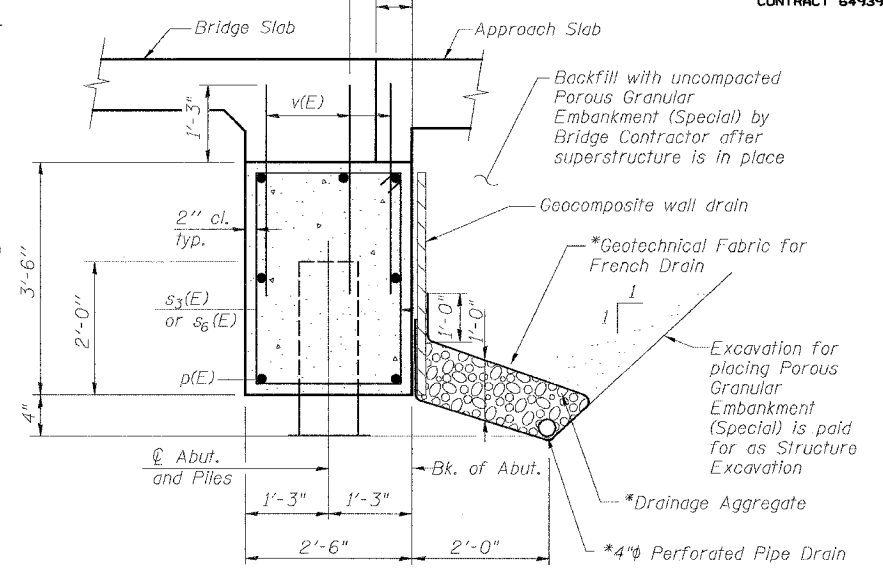
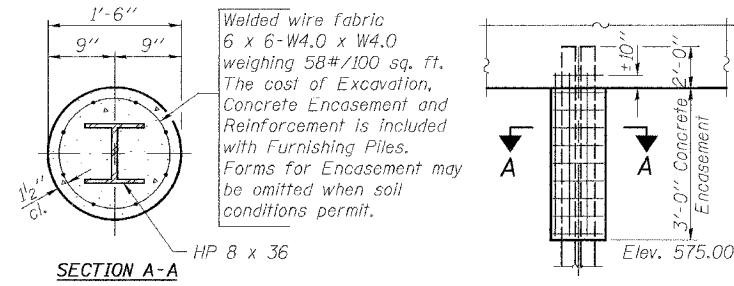
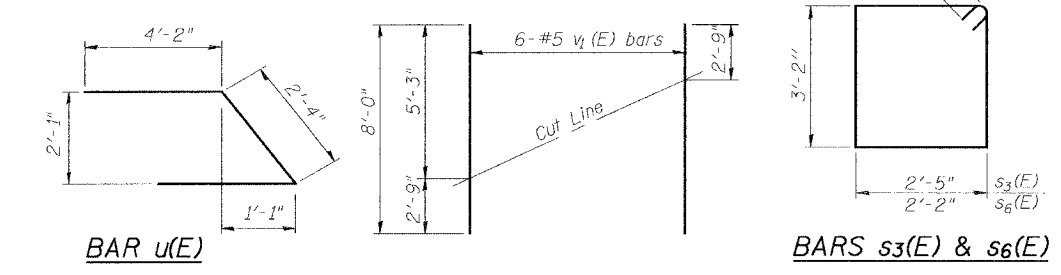
SUPERSTRUCTURE DETAILS
FAS ROUTE 203 (MOLINE ROAD)
OVER MEREDOSIA DITCH
SECTION 11BR-1
STA. 428+20.80
WHITESIDE & ROCK ISLAND COUNTIES
SN 098-0111

DESIGNED	KCM
CHECKED	TMM
DRAWN	JLM
CHECKED	TMM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET #7 OF 11 SHEETS		ROUTE NO.	SECTION	COUNTY	TOWNSHIP	RANGE	SHEET
FAS 203		11BR-1	WHITESIDE & ROCK ISLAND	IB			43
FED. ROAD DIST. NO. 3		ILLINOIS		FED. AID PROJECT-			

CONTRACT 64939



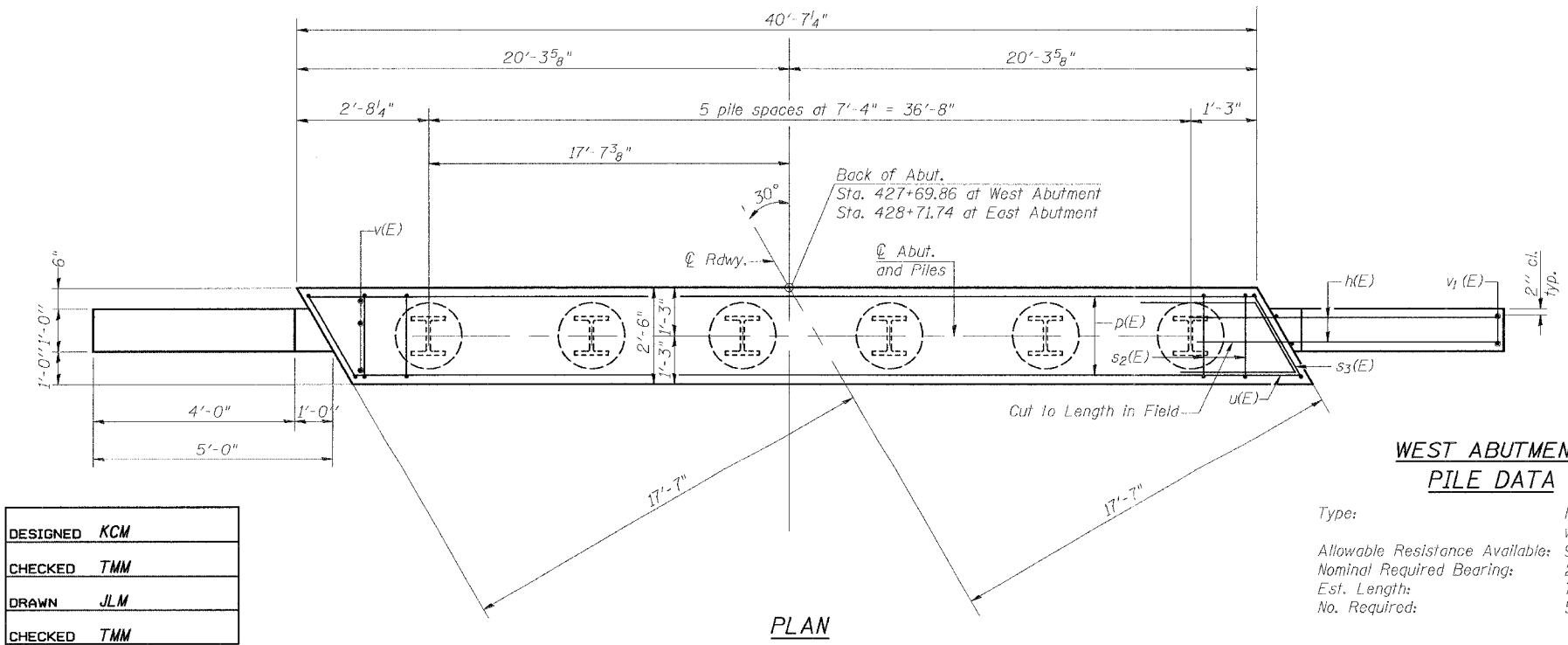
BILL OF MATERIAL FOR WEST ABUTMENT

Bar	No.	Size	Length	Shape
h(E)	28	#4	7'-5"	—
p(E)	7	#7	40'-3"	—
s3(E)	2	#4	11'-11"	□
s6(E)	39	#4	11'-5"	□
u(E)	8	#6	10'-8"	∇
v(E)	119	#5	2'-9"	—
v1(E)	12	#5	8'-0"	—
Structure Excavation		Cu. Yd.	45.5	
Concrete Structures		Cu. Yd.	14.7	
Reinforcement Bars, Epoxy Coated		Pound	1610	
Furnishing Steel Piles HP 8x36		Foot	365	
Driving Piles		Foot	365	
Test Pile Steel HP 8x36		Each	1	
Pile Shoes		Each	6	

BILL OF MATERIAL FOR EAST ABUTMENT

Bar	No.	Size	Length	Shape
h(E)	28	#4	7'-5"	—
p(E)	7	#7	40'-3"	—
s3(E)	2	#4	11'-11"	□
s6(E)	39	#4	11'-5"	□
u(E)	8	#6	10'-8"	∇
v(E)	119	#5	2'-9"	—
v1(E)	12	#5	8'-0"	—
Structure Excavation		Cu. Yd.	45.5	
Concrete Structures		Cu. Yd.	14.7	
Reinforcement Bars, Epoxy Coated		Pound	1610	
Furnishing Steel Piles HP 8x36		Foot	186	
Driving Piles		Foot	186	
Pile Shoes		Each	6	

Reinforcement Bars designated (E) shall be epoxy coated.



WEST ABUTMENT PILE DATA

Type: HP 8 x 36 w/ Pile Shoes
Allowable Resistance Available: 92 Kips
Nominal Required Bearing: 286 Kips
Est. Length: 73 ft.
No. Required: 5 + 1 Test Pile

EAST ABUTMENT PILE DATA

Type: HP 8 x 36 w/ Pile Shoes
Allowable Resistance Available: 92 Kips
Nominal Required Bearing: 286 Kips
Est. Length: 31 ft.
No. Required: 6

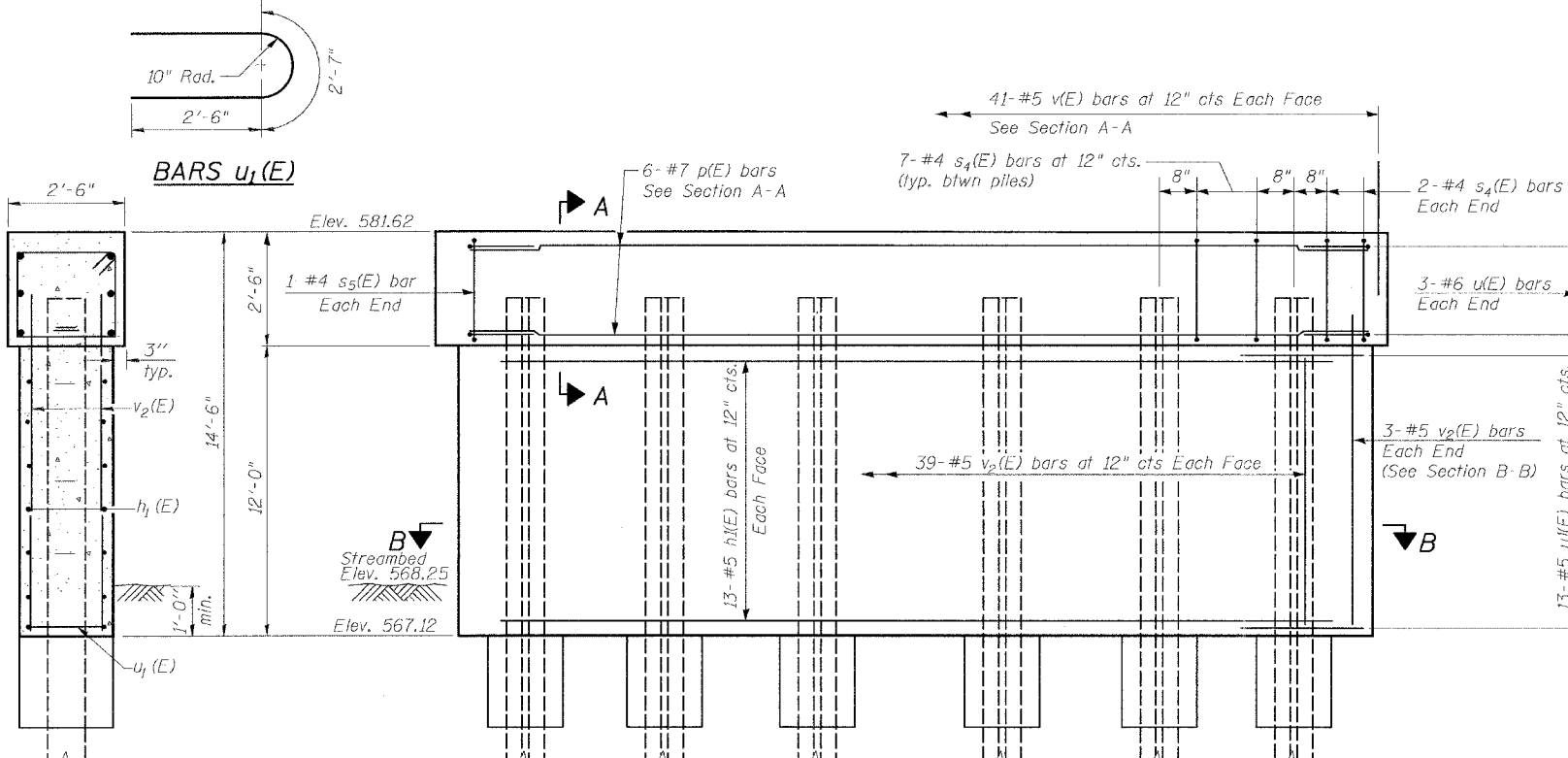
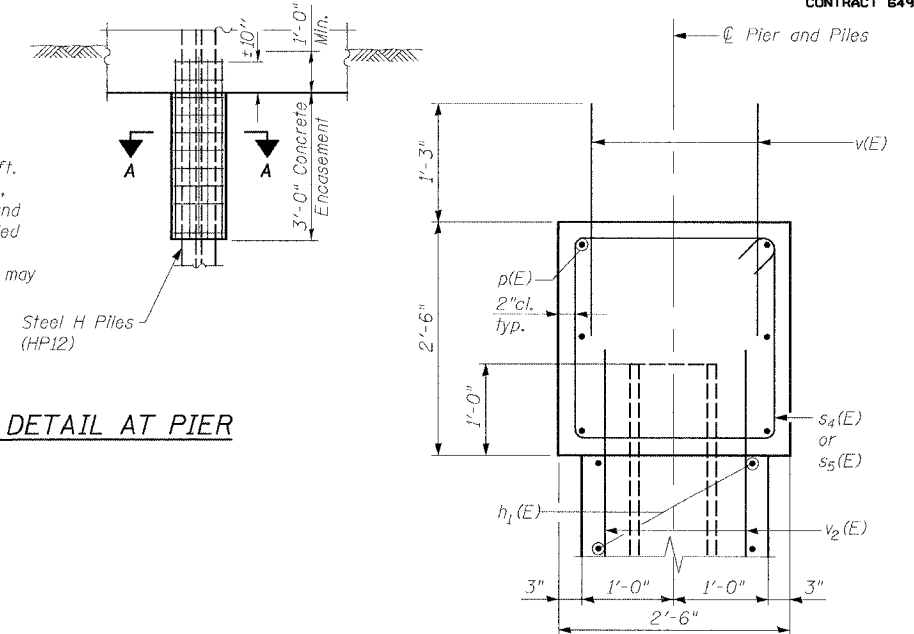
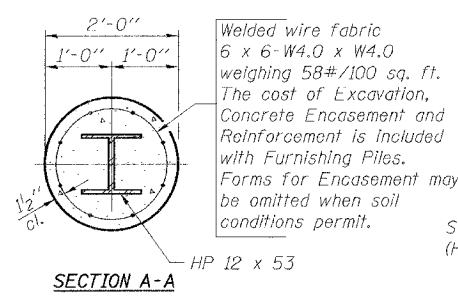
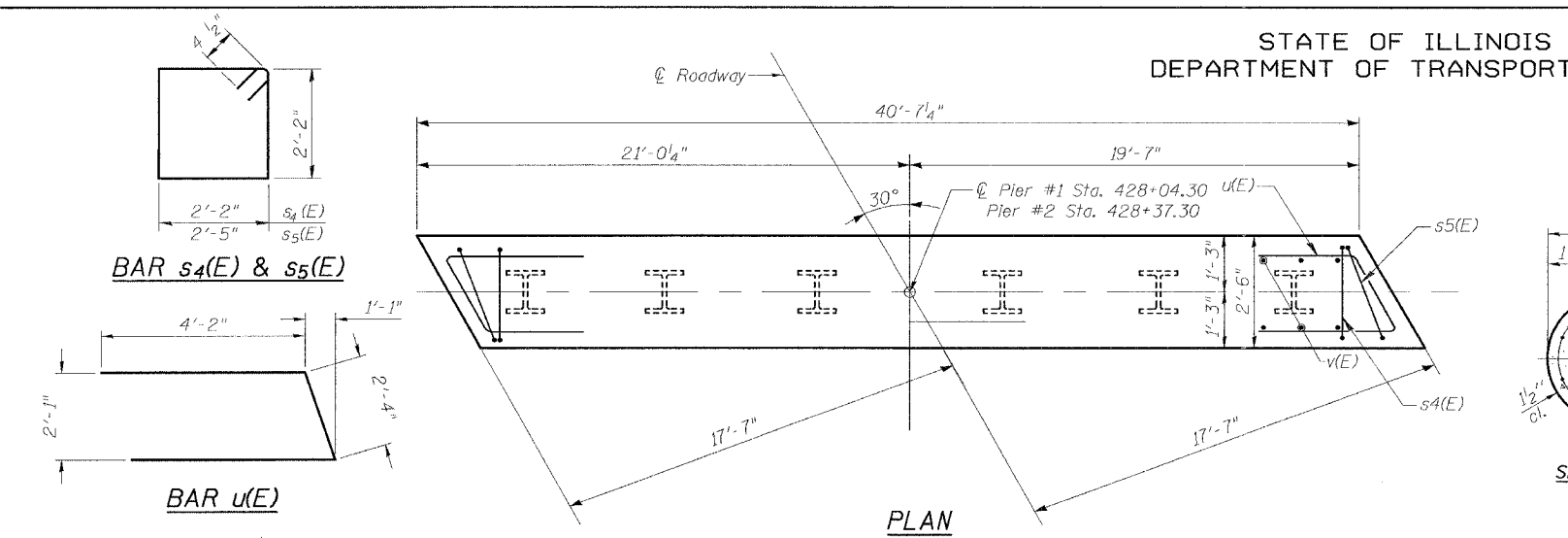
PILE BENT ABUTMENT
FAS ROUTE 203 (MOLINE ROAD)
OVER MEREDOSIA DITCH
SECTION 11BR-1
STA. 428+20.80
WHITESIDE & ROCK ISLAND COUNTIES
SN 098-0111

DESIGNED	KCM
CHECKED	TMM
DRAWN	JLM
CHECKED	TMM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

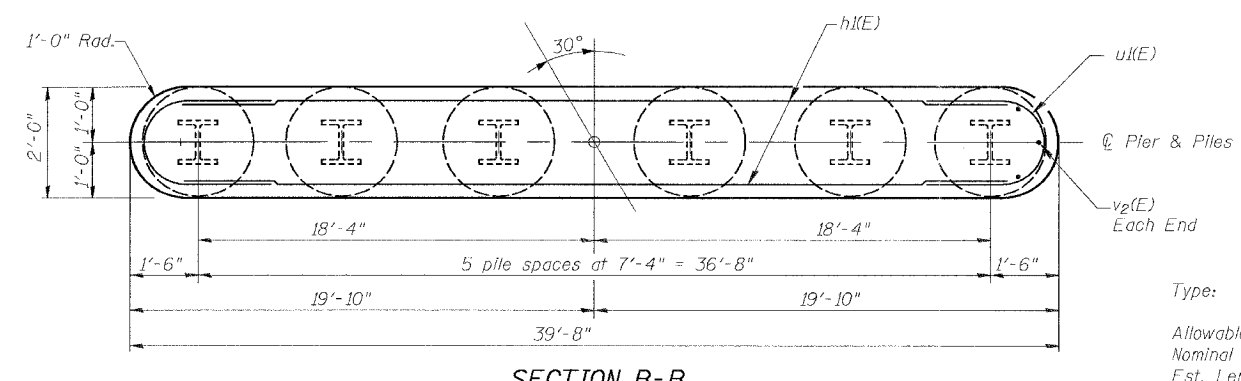
SHEET #8 OF 11 SHEETS	ROUTE NO. FAS 203	SECTION 11BR-1	COUNTY WHITESIDE & ROCK ISLAND	DATE 19	HEET 43
FED. ROAD DIST. NO. 3			ILLINOIS FED. AID PROJECT-		

CONTRACT 64939



END VIEW

ELEVATION
(Pier #1 Looking East)
(Pier #2 Looking East)



SECTION B-B

PIER 1
PILE DATA

Type:	HP 12 x 53 w/ Pile Shoes
Allowable Resistance Available:	136 Kips
Nominal Required Bearing:	418 Kips
Est. Length:	69 ft.
No. Required:	5 + 1 Test Pile

PIER 2
PILE DATA

Type:	HP 12 x 53 w/ Pile Shoes
Allowable Resistance Available:	136 Kips
Nominal Required Bearing:	418 Kips
Est. Length:	32 ft.
No. Required:	6

BILL OF MATERIAL
FOR PIER 1

Bar	No.	Size	Length	Shape
h ₁ (E)	26	#5	37'-8"	—
p(E)	6	#7	40'-3"	—
s ₄ (E)	39	#4	9'-5"	□
s ₅ (E)	2	#4	9'-11"	□
u(E)	6	#6	10'-8"	U
u ₁ (E)	26	#5	7'-7"	U
v(E)	82	#5	2'-9"	—
v ₂ (E)	84	#5	13'-4"	—
Structure Excavation				Cu. Yd. 9.5
Concrete Structures				Cu. Yd. 44.3
Reinforcement Bars, Epoxy Coated				Pound 3480
Furnishing Steel Piles HP 12x53				Foot 345
Driving Piles				Foot 345
Test Pile Steel HP 12x53				Each 1
Pile Shoes				Each 6
Underwater Structure Excavation Protection				Each 1

BILL OF MATERIAL
FOR PIER 2

Bar	No.	Size	Length	Shape
h ₁ (E)	26	#5	37'-8"	—
p(E)	6	#7	40'-3"	—
s ₄ (E)	39	#4	9'-5"	□
s ₅ (E)	2	#4	9'-11"	□
u(E)	6	#6	10'-8"	U
u ₁ (E)	26	#5	7'-7"	U
v(E)	82	#5	2'-9"	—
v ₂ (E)	84	#5	13'-4"	—
Structure Excavation				Cu. Yd. 9.5
Concrete Structures				Cu. Yd. 44.3
Reinforcement Bars, Epoxy Coated				Pound 3480
Furnishing Steel Piles HP 12x53				Foot 192
Driving Piles				Foot 192
Pile Shoes				Each 6
Underwater Structure Excavation Protection				Each 1

Reinforcement Bars designated (E) shall be epoxy coated

Reinforcement Bars designated (E) shall be epoxy coated

PILE BENT PIER
FAS ROUTE 203 (MOLINE ROAD)
OVER MEREDOSIA DITCH
SECTION 11BR-1
STA. 428+20.80
WHITESIDE & ROCK ISLAND COUNTIES
SN 098-0111

DESIGNED	KCM
CHECKED	TMM
DRAWN	JLM
CHECKED	TMM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET #9 OF
11 SHEETS

ROUTE NO.	DISTRICT	COUNTY	SECTION	SHEET
FAS 203	11BR-1	WHITESIDE & ROCK ISLAND	20	43
FED. ROAD DIST. NO. 3		ILLINOIS FED. AID PROJECT-		

CONTRACT 64939

NOTES

Bar splicer assemblies shall be of an approved type and shall develop in tension at least 125 percent of the yield strength of the lapped reinforcement bars.
Splicer rods shall be of minimum 60 ksi yield strength, threaded or coiled full length.
All reinforcement bars shall be lapped and tied to the splicer rods or dowel bars.
Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars.
Other systems of similar design may be submitted to the Engineer for approval. Approval shall be based on certified test results from an approved testing laboratory that the proposed bar splicer assembly satisfies the following requirements:

- ① Minimum Capacity (Tension in kips) = $1.25 \times f_y \times A_t$
- ② Minimum *Pull-out Strength (Tension in kips) = $0.66 \times f_y \times A_t$

Where f_y = Yield strength of lapped reinforcement bars in ksi.
 A_t = Tensile stress area of lapped reinforcement bars.
* = 28 day concrete

BAR SPLICER ASSEMBLIES

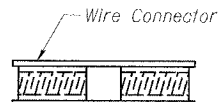
Bar Size to be Spliced	Splicer Rod or Dowel Bar Length	Strength Requirements	
		Min. Capacity kips - tension	Min. Pull-Out Strength kips - tension
#4	1'-8"	14.7	7.9
#5	2'-0"	23.0	12.3
#6	2'-7"	33.1	17.4
#7	3'-5"	45.1	23.8
#8	4'-6"	58.9	31.3
#9	5'-9"	75.0	39.6
#10	7'-3"	95.0	50.3
#11	9'-0"	117.4	61.8

The diameter of this part is equal or larger than the diameter of bar spliced.
The diameter of this part is the same as the diameter of the bar spliced.

ROLLED THREAD DOWEL BAR



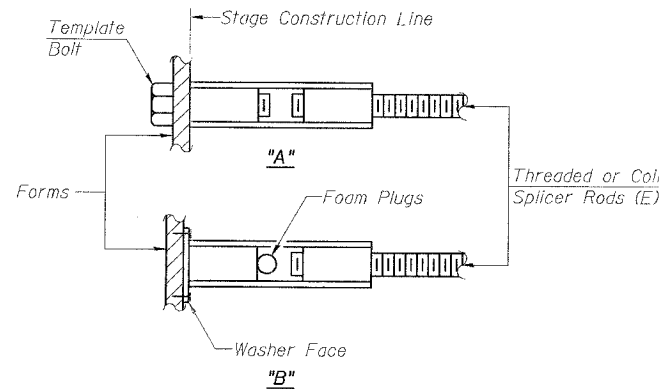
**** ONE PIECE**



WELDED SECTIONS

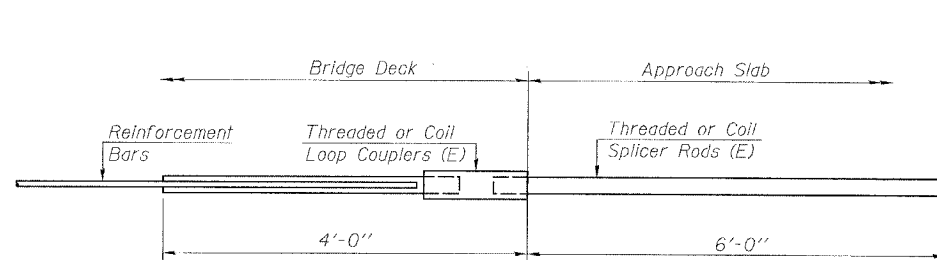
BAR SPLICER ASSEMBLY ALTERNATIVES

**Heavy Hex Nuts conforming to ASTM A 563, Grade C, D or DH may be used.



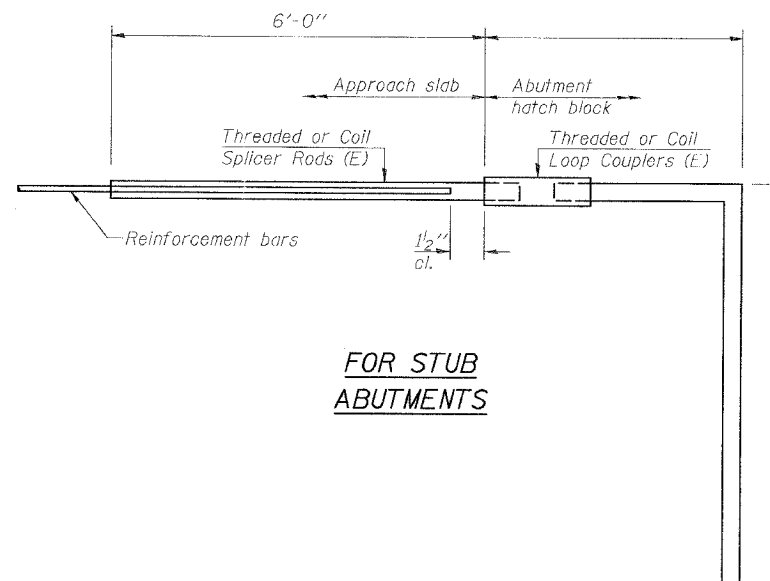
INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
(E) : Indicates epoxy coating.



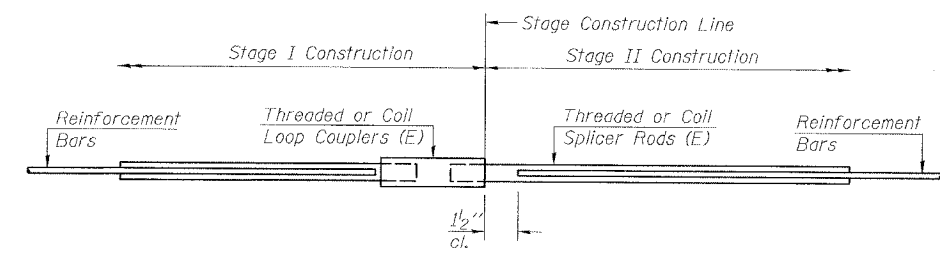
FOR INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 12.3 kips - tension
No. Required = 66



FOR STUB ABUTMENTS

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 12.3 kips - tension
No. Required =



STANDARD

Bar Size	No. Assemblies Required	Location

BAR SPLICER ASSEMBLY DETAILS
FAS ROUTE 203 (MOLINE ROAD)
OVER MEREDOSIA DITCH
SECTION 11BR-1
STA. 428+20.80
WHITESIDE & ROCK ISLAND COUNTIES
SN 098-0111

DESIGNED	KCM
CHECKED	TMM
DRAWN	JLM
CHECKED	TMM

BSD-1 11-1-06

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET #10 OF 11 SHEETS		ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		FAS 203	11BR-1	WHITESIDE & ROCK ISLAND	21	43
		FED. ROAD DIST. NO. 3		ILLINOIS	FED. AID PROJECT-	
CONTRACT #64939						

Illinois Department of Transportation
Division of Highways
SOIL BORING LOG
Page 1 of 2
Date 1/8/04

ROUTE Old Moline Road DESCRIPTION P92-090-03 Old Moline Road over Meredosia Ditch, east of Hillsdale Bridge LOGGED BY W. Garza

SECTION LOCATION Erie Twp. - NW, SEC. 21, TWP. 19N, R9G. 3E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-45

STRUCT. NO. Station	D E L C O	B L O S I	U O S I	M O S I	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	D E L C O	B L O S I	U O S I	M O S I	Groundwater Elev. _____ ft	First Encounter _____ ft	Upon Completion _____ ft	After _____ Hrs.	(H)	(/6")	(ft)	(%)
BORING NO. B-1 Station 9764+45 Offset 18.00H Rt. Cl. Ground Surface Elev. 98.5 ft																		
MEDIUM brown SILTY CLAY LOAM																		
STIFF gray SILTY LOAM																		
STIFF gray SILTY CLAY LOAM																		
MEDIUM gray dark SILTY CLAY LOAM with SAND lens with 8% ORGANICS																		
MEDIUM dark gray SILTY CLAY LOAM with SAND lens and ORGANICS																		
SOFT gray SILTY CLAY with ORGANICS																		
LOOSE gray clean SAND																		
LOOSE gray clean fine SAND																		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
SOIL BORING LOG
Page 2 of 2
Date 1/8/04

ROUTE Old Moline Road DESCRIPTION P92-090-03 Old Moline Road over Meredosia Ditch, east of Hillsdale Bridge LOGGED BY W. Garza

SECTION LOCATION Erie Twp. - NW, SEC. 21, TWP. 19N, R9G. 3E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-45

STRUCT. NO. Station	D E L C O	B L O S I	U O S I	M O S I	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	D E L C O	B L O S I	U O S I	M O S I	Groundwater Elev. _____ ft	First Encounter _____ ft	Upon Completion _____ ft	After _____ Hrs.	(H)	(/6")	(ft)	(%)
BORING NO. B-1 Station 9764+45 Offset 18.00H Rt. Cl. Ground Surface Elev. 98.5 ft																		
LIMESTONE 53" Recovery 4 pieces over 4" long 88% Recovery 27/60 24 min. (continued)																		
LIMESTONE full recovery 1 piece over 4" long 100% 6/60 30 min.																		
End of Boring																		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
SOIL BORING LOG
Page 1 of 2
Date 1/9/04

ROUTE Old Moline Road DESCRIPTION P92-090-03 Old Moline Road over Meredosia Ditch, east of Hillsdale Bridge LOGGED BY W. Garza

SECTION LOCATION Erie Twp. - NW, SEC. 21, TWP. 19N, R9G. 3E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-45

STRUCT. NO. Station	D E L C O	B L O S I	U O S I	M O S I	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	D E L C O	B L O S I	U O S I	M O S I	Groundwater Elev. _____ ft	First Encounter _____ ft	Upon Completion _____ ft	After _____ Hrs.	(H)	(/6")	(ft)	(%)
BORING NO. B-2 Station 978+00 Offset 5.00H Lt. Cl. Ground Surface Elev. 98.8 ft																		
12" Asphalt & Concrete STIFF gray SILTY CLAY LOAM																		
STIFF gray SILTY CLAY LOAM																		
STIFF dark gray SILTY CLAY LOAM																		
MEDIUM gray SILTY CLAY LOAM																		
SOFT gray SILTY CLAY with ORGANICS																		
MEDIUM dark gray SILTY LOAM with SAND lens and 17% ORGANICS																		
VERY LOOSE gray dirty fine SAND																		
LOOSE gray dirty fine SAND																		
LOOSE gray medium clean SAND																		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

DESIGNED	KCM
CHECKED	TMM
DRAWN	JLM
CHECKED	TMM

McDonough-Whitlow P.C.

Consulting Engineers and Land Surveyors

Hillsboro, Illinois


F.A.S. 203 (MOLINE ROAD) SEC 11BR-1

WHITESIDE COUNTY

BORING LOGS
FAS ROUTE 203 (MOLINE ROAD)
OVER MEREDOSIA DITCH
SECTION 11BR-1
STA. 428+20.80
WHITESIDE & ROCK ISLAND COUNTIES
SN 098-0111

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET #11 OF 11 SHEETS	ROUTE NO. FAS 203	SECTION 11BR-1	COUNTY WHITESIDE & ROCK ISLAND	SHEET 22	SHEET 43
FED. ROAD DIST. NO. 3			ILLINOIS FED. AID PROJECT-		
CONTRACT #64939					



Illinois Department
of Transportation
Division of Highways
DOT

SOIL BORING LOG

Date 1/9/04

Page 2 of 2

ROUTE Old Moline Road DESCRIPTION P92-090-03 Old Moline Road over Meredosia Ditch, east of Hillsdale Bridge LOGGED BY W. Garza

SECTION _____ LOCATION Erie Twp. - NW, SEC. 21, TWP. 19N, R9C. 3E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-45

STRUCT. NO. Station	D E P T H S	B U L G E S	U C S	M O I S T U R E	Surface Water Elev.	D B U M	B U L G E S	U C S	M O I S T U R E
BORING NO. <u>B-2</u>					Stream Bed Elev. <u>12.0 ft</u>				
Station <u>978+00</u>					Groundwater Elev. _____				
Offset <u>6.00H LL C.</u>					First Encounter <u>83.3 ft</u>				
Ground Surface Elev. <u>98.8 ft</u>					Upon Completion Wash _____				
					After _____ Hrs. _____				
Wash					Wash				
MEDIUM gray SAND & GRAVEL (continued)	57.80				MEDIUM gray medium SAND (continued)	37.80			
					End of Boring				
Wash									
MEDIUM gray SAND & GRAVEL	55.30								
Wash									
MEDIUM gray clean medium SAND	52.80								
Wash									
DENSE gray clean medium coarse SAND	50.30								
Wash									
MEDIUM Some as above	47.80								
Wash									
VERY DENSE tan weathered LIMESTONE with top CLAY lens	42.80								
Wash									
MEDIUM tan weathered LIMESTONE with SAND	40.30								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO 1206) BBS, from 137 (Rev. 8-99)

DESIGNED	KCM
CHECKED	TMM
DRAWN	JLM
CHECKED	TMM

BORING LOGS
FAS ROUTE 203 (MOLINE ROAD)
OVER MEREDOSIA DITCH
SECTION 11BR-1
STA. 428+20.80
WHITESIDE & ROCK ISLAND COUNTIES
SN 098-0111

11/17/2007 12:46:44 PM

STATE OF ILLINOIS
 DEPARTMENT OF PUBLIC WORKS AND BUILDINGS
 DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
 STATE BOND ISSUE HIGHWAY**

INDEX OF SHEETS

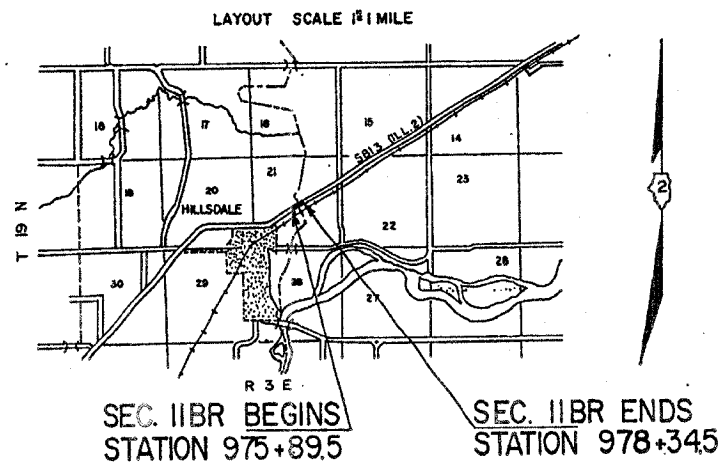
- 1 TITLE SHEET
- 2 TYPICAL SECTIONS, SUMMARY OF QUANTITIES, GENERAL NOTES & SCHEDULE OF QUANTITIES
- 3 PLAN & PROFILE
- 4 GENERAL PLAN & ELEVATION
- 5 APPROACH DETAILS
- 6 SUPER STRUCTURE
- 7 TYPE W STEEL RAILING
- 8 ABUTMENTS
- 9 CROSS SECTIONS (TEMPORARY RUNAROUND)

SCALES { PLAN 1 INCH = 50 FT.
 PROFILE, HOR. 1 INCH = 50 FT.
 PROFILE, VERT. 1 INCH = 10 FT.
 CROSS-SECTIONS 1 INCH = 8 FT.

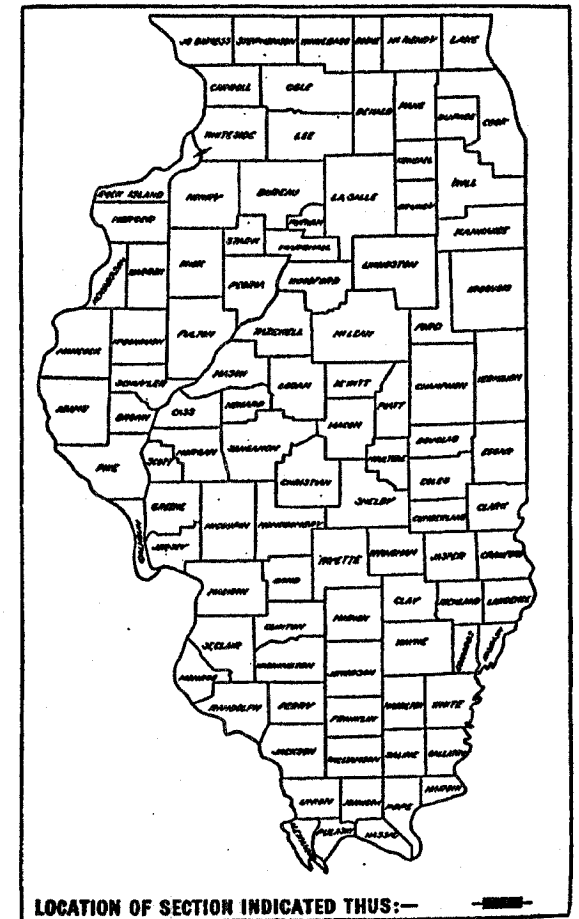
SBI ROUTE 3
 SEC 11 BR
 WHITESIDE COUNTY

- STD. 2115-3 PAVEMENT FABRIC
- STD. 2230-3 STEEL PLATE BEAM GUARD RAIL
- STD. 2231-3 TYPICAL APPLICATION OF STEEL PLATE BEAM GUARD RAIL
- STD. 2298-1 APPLICATION OF TRAFFIC CONTROL DEVICES
- STD. 2299-1 DESIGN OF TRAFFIC CONTROL DEVICES
- STD. 2300 FLAGMAN TRAFFIC CONTROL SIGN
- STD. 2303-1 APPLICATION OF TRAFFIC CONTROL DEVICES
- STD. 2310-1 APPLICATION OF TRAFFIC CONTROL DEVICES
- STD. 2239-3 BITUMINOUS SHOULDER

ABOVE STANDARDS ARE INCLUDED AFTER SHEET 32 OF SET 4



GROSS LENGTH OF SECTION 245.0 FT.=.046 MILES
 NET LENGTH OF SECTION 245.0 FT.=.046 MILES



SECTION 11 BR INCLUDES THE REMOVAL OF THE EXISTING SUPERSTRUCTURE AND PORTIONS OF THE SUBSTRUCTURE AND REPLACEMENT WITH A PRECAST PRESTRESSED DECK BEAM BRIDGE OVER MEREDOSIA SLOUGH. ALSO INCLUDED IS CONSTRUCTION OF A TEMPORARY BRIDGE AND RUNAROUND AND ALL OTHER WORK THAT IS NECESSARY TO COMPLETE THE SECTION.

STATE OF ILLINOIS
 DEPARTMENT OF PUBLIC WORKS AND BUILDINGS
 DIVISION OF HIGHWAYS

SUBMITTED March 30, 1970

EXAMINED March 16, 1970

PASSED March 16, 1970

APPROVED March 16, 1970

APPROVED March 16, 1970

APPROVED March 16, 1970

TYPICAL SECTIONS

GENERAL NOTES

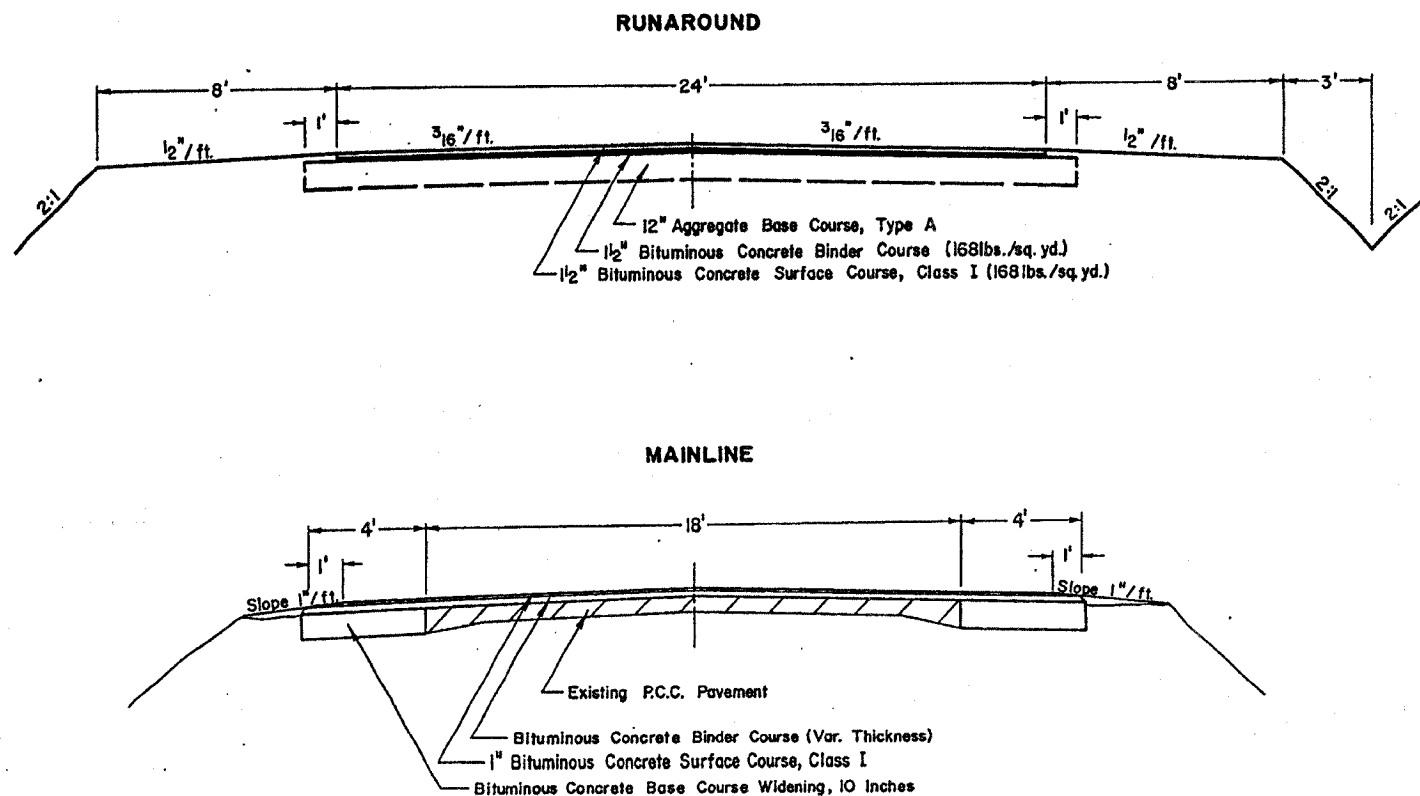
FOR INFORMATION ONLY

ENTIRE SECTION INSPECTED AND APPROVED AS TO POLICY
 DATE March 29 1970
 DISTRICT ENGINEER D. E. Summalk

THE CONTRACTOR SHALL ERECT BARRICADES CONFORMING TO STANDARD 2298. AT LOCATIONS AS DIRECTED BY THE ENGINEER

THE BRIDGE WEARING SURFACE CONSISTING OF 2" BITUMINOUS CONCRETE SURFACE COURSE, CLASS I SHALL BE PLACED IN TWO 1" LIFTS

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION



SUMMARY OF QUANTITIES

CODE	PAY ITEM	UNIT	QUANTITY
201005	TREE REMOVAL ACRES	ACRE	0.4
202001	EARTH EXCAVATION	CU. YD.	1429
202004	EARTH EXCAVATION WIDENING	CU. YD.	26
204001	BORROW EXCAVATION	CU. YD.	194
301001	AGGREGATE BASE COURSE TYPE A	TON	374
306002	BITUMINOUS CONCRETE BASE COURSE WIDENING 10 INCH	SQ. YD.	189
406002	BITUMINOUS MATERIALS PRIME COAT	TON	0.1
406007	BITUMINOUS CONCRETE BINDER COURSE	TON	1.7
406008	BITUMINOUS CONCRETE SURFACE COURSE CLASS I	TON	189
408005	PORTLAND CEMENT CONCRETE PAVEMENT 10"	SQ. YD.	189
408013	PAVEMENT FABRIC	EA	1
501015	REMOVAL OF EXISTING SUPER-STRUCTURE	CU. YD.	10.04
501022	CONCRETE REMOVAL	EA	104
501026	EXPANSION BOLTS 3/4 INCH	CU. YD.	227
504003	CLASS X CONCRETE	EA	29.8
505001	PRECAST CONCRETE BRIDGE SLAB	SQ. FT.	299
505005	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ. FT.	1556
508012	STEEL RAILING TYPE W	LIN. FT.	163
512001	REINFORCEMENT BARS	POUND	450
520026	PAVEMENT REMOVAL AND PORTLAND CEMENT CONCRETE REPLACEMENT TYPE II-10"	SQ. YD.	11.68
628001	STEEL PLATE BEAM GUARD RAIL SINGLE RAIL	LIN. FT.	400
636007	STOCK-PILING SALVAGED AGGREGATE	CU. YD.	250
638001	TEMPORARY BRIDGE COMPLETE	EA	1
646002	ENGINEER'S FIELD OFFICE, TYPE B	EA	0
Z10178	COAL TAR INTER LAYER PROTECTIVE COAT	SQ. YD.	173
XZ1016	TRAFFIC CONTROL AND PROTECTION, STANDARD 2310	EA	1

SCHEDULE OF QUANTITIES

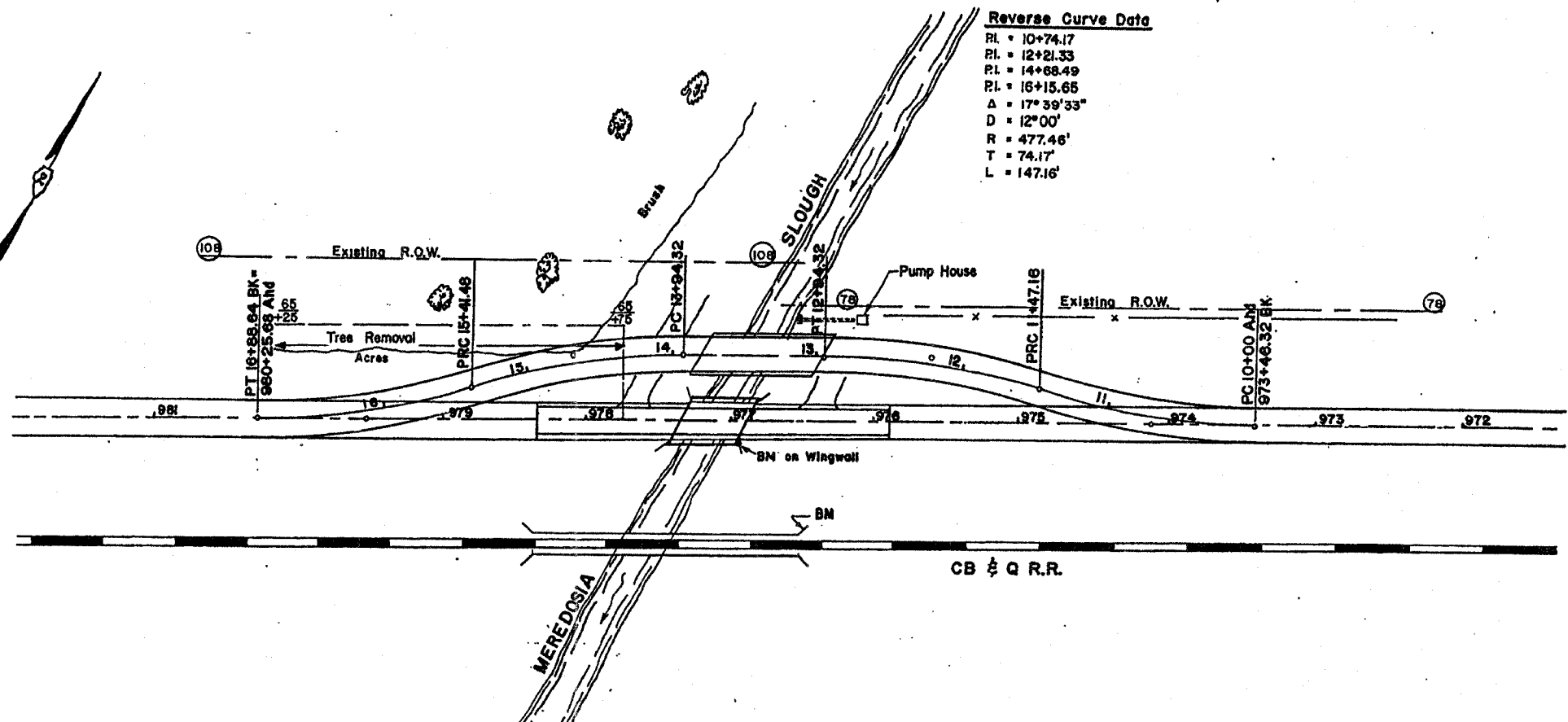
DESCRIPTION	UNIT	QUANTITY
TREE REMOVAL ACRES	ACRES	0.4
Entire Section		0.4
EARTH EXCAVATION	CU. YD.	1429
Stage I (Temporary Runaround)		194
Stage II (Removal of Runaround)		1235
TOTAL	1429 Cu. Yd.	
EARTH EXCAVATION (WIDENING)	CU. YD.	26
Sta L&R 975+87.3 - 976+87.3		26
L&R 977+36.7 - 978+36.7		26
TOTAL	52 Cu. Yd.	
BORROW EXCAVATION	CU. YD.	2012
Stage I (Temporary Runaround)		2012
AGGREGATE BASE COURSE, TYPE A	TON	374
Sta 10+00 - 12+95 (Temporary Runaround)		374
Sta 13+20 - 16+88.64 (Temporary Runaround)		401
TOTAL	775 Ton	
BITUMINOUS MATERIALS PRIME COAT	TON	0.1
Sta 975+27.3 - 976+87.3		0.1
977+36.7 - 978+96.7		0.1
10+00 - 12+95 (Temporary Runaround)		0.7
13+80 - 16+88.64 (Temporary Runaround)		0.8
TOTAL	1.7 Ton	
BITUMINOUS CONCRETE BASE COURSE WIDENING 10"	SQ. YD.	189
Sta L&R 975+87.3 - 976+87.3		94.5
L&R 977+36.7 - 978+36.7		94.5
TOTAL	189 Sq. Yd.	
BITUMINOUS CONCRETE BINDER COURSE	TON	1.7
Sta 10+00 - 12+95 (Temporary Runaround)		42
13+80 - 16+88.64 (Temporary Runaround)		45
975+37.3 - 976+87.3		26
977+36.7 - 978+66.7		26
TOTAL	139 Ton	
BITUMINOUS CONCRETE SURFACE COURSE CLASS I	TON	189
Sta 975+27.3 - 978+96.5		68
10+00 - 12+95 (Temporary Runaround)		42
13+80 - 16+88.64 (Temporary Runaround)		45
TOTAL	155 Ton	
STEEL PLATE BEAM GUARD RAIL SINGLE RAIL	LIN. FT.	400
Sta 975+87 - 976+87		200
977+37 - 978+37		200
TOTAL	400 Lin Ft	
STOCK-PILING SALVAGED AGGREGATE	CU. YD.	250
Entire Section		250
ENGINEER'S FIELD OFFICE TYPE B	EA	1
Entire Section		1
TRAFFIC CONTROL AND PROTECTION STANDARD 2310	EA	1
Entire Section		1

* SEE SPECIAL PROVISIONS

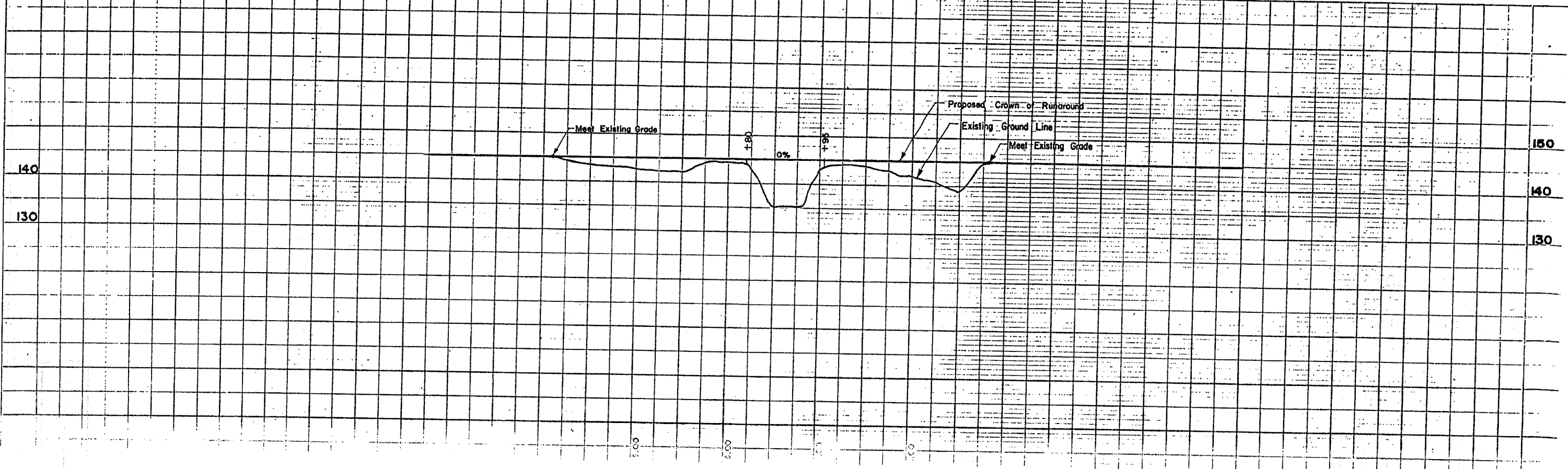
BM Bolt N.E. end East Abut. RR. Bridge
Sta. 976+60 Elev. 145.41

BM "D" ON S.E. WINGWALL
STA. L 976+87 ELEV. 144.80

Reverse Curve Data
 PI = 10+74.17
 PI = 12+21.33
 PI = 14+68.49
 PI = 16+15.65
 Δ = 17° 39' 33"
 D = 12° 00'
 R = 477.46'
 T = 74.17'
 L = 147.16'



PLAN	DATE
BY	
SURVEYED	
PLOTTED	
CHECKED	
BY	
DATE	

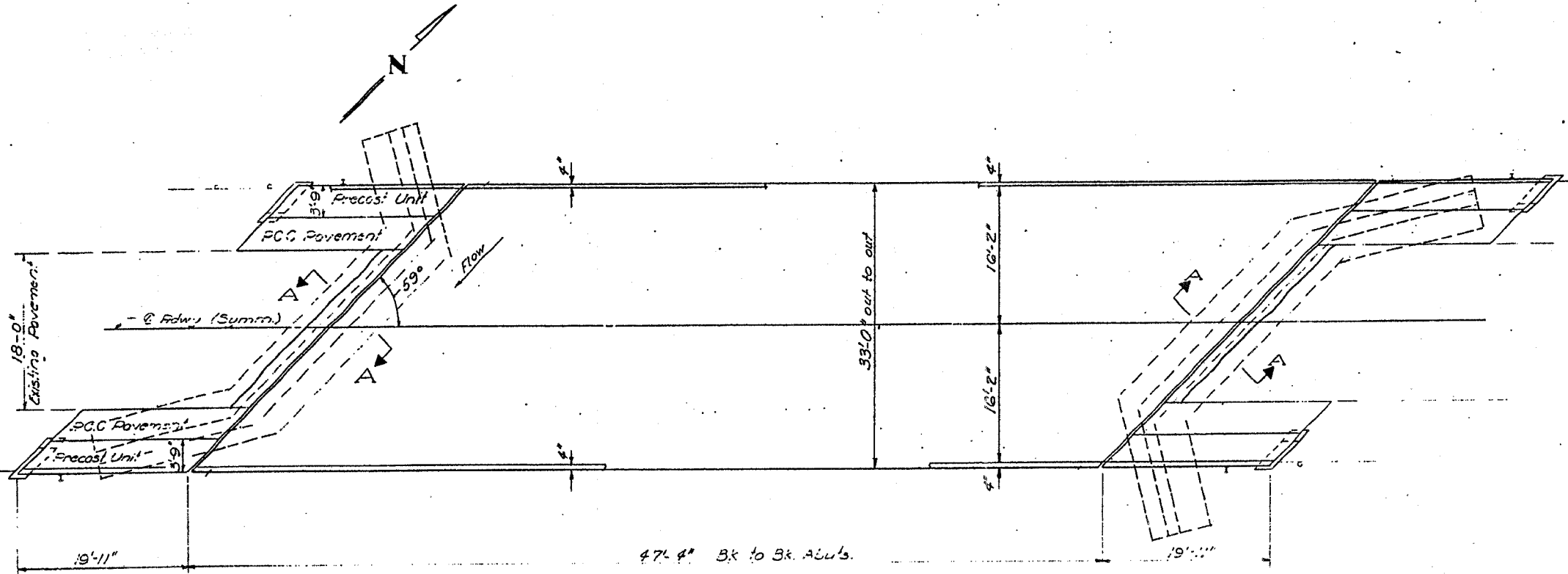
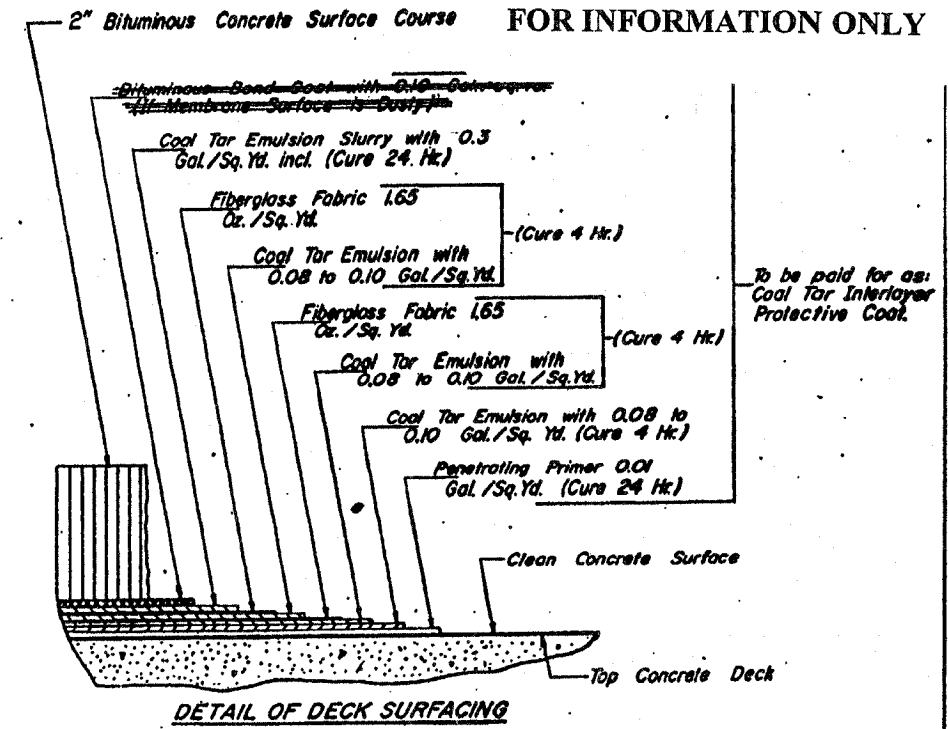
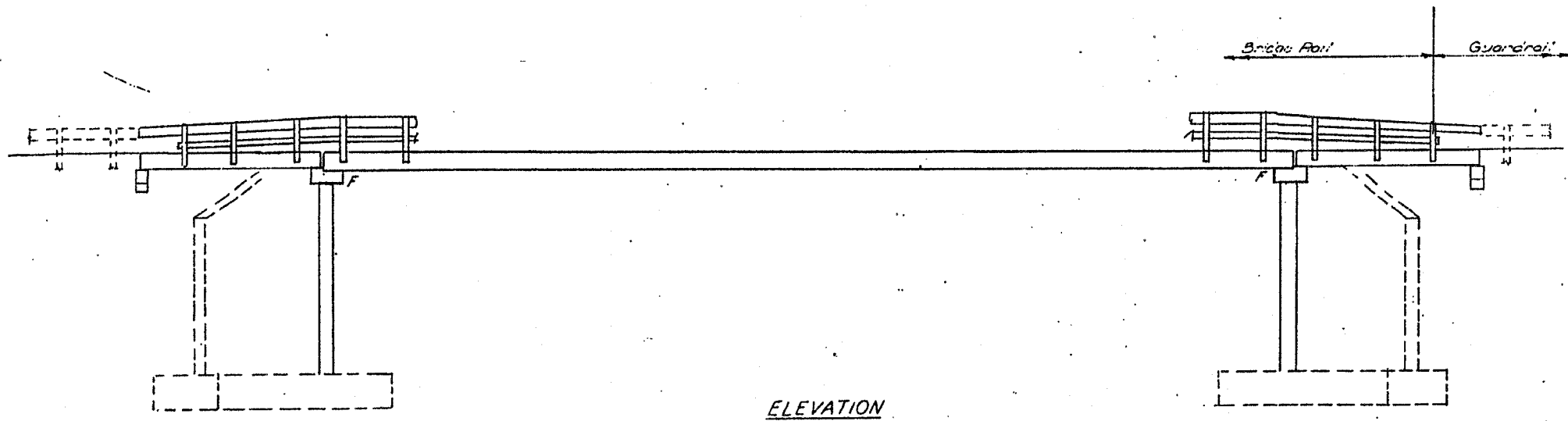


PROFILE	DATE
BY	
SURVEYED	
PLOTTED	
CHECKED	
BY	
DATE	

Built as SBI-RT.3 Sec. II B Year Built 1924 Sta. 777+12
 Existing Structure: RC Through Girder, 24'3" wide, 49'5" long
 Temporary Bridge required ft. long ft. wide HS15 loading
 Remove exist. Superstructure, No Salvage

STATE OF ILLINOIS
 DEPARTMENT OF PUBLIC WORKS & BUILDINGS
 DIVISION OF HIGHWAYS

DATE 3
 P.L.
 FILE NO.



GENERAL NOTES

All reinforcement bars shall be lapped 24 diameters unless otherwise shown.

It shall be the responsibility of the Contractor to verify all dimensions and conditions existing in the field prior to construction and ordering of materials.

An alternate strand pattern using Extra High Strength Prestressing strand (270 ksi.) is permitted.

Expansion bolts shall consist of self drilling expansion shields and 3/4" hooked bolts. Hooked bolts shall extend a minimum of 12" into new concrete except as otherwise shown.

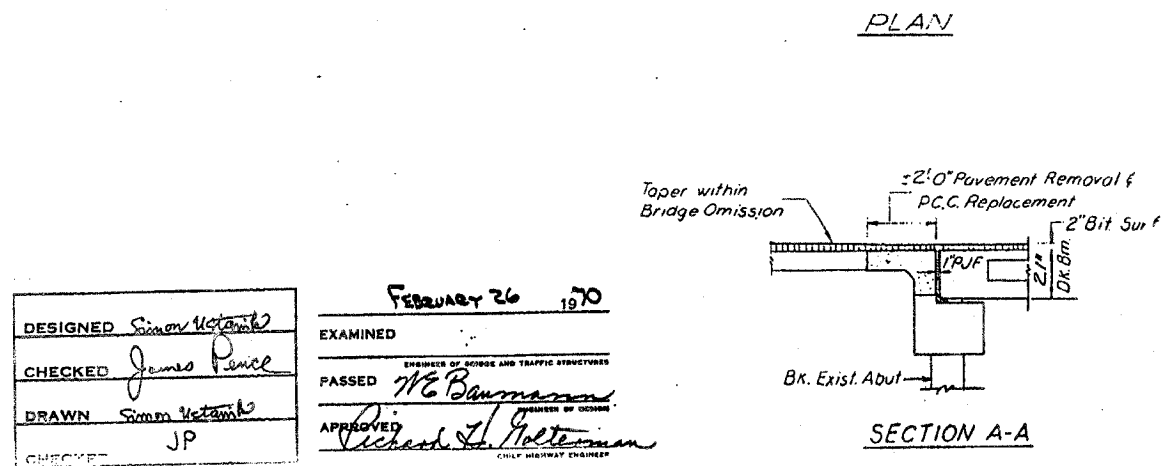
Any excavation shall be incidental to Bridge Contract.

Shoulder transition to wingwall shall be shaped with broken concrete. Cost incidental.

Limits of Cool Tar Interlayer Protective Coat shall be back to back of abutments and out to out of deck.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.	Total
Portland Cement Concrete Pavement (10")	Sq. Yds.	33		33
Pavement Fabric	Sq. Yds.	33		33
Concrete Removal	Cu. Yds.		14	14
Expansion Bolts (3/4")	Each	48	56	104
Class X Concrete	Cu. Yds.	1.9	23.8	25.7
Precast Concrete Bridge Slab	Sq. Ft.	297		297
Precast Prestressed Concrete Deck Beams (2")	Sq. Ft.	1556		1556
Steel Railing, Type W	Lin. Ft.	163		163
Reinforcement Bars	Lbs.		4,130	4,130
Pavement Removal & P.C.C. Replacement, Type 2 (10")	Sq. Yds.	9		9
Removal of Existing Superstructures	Each	1		1
Cool Tar Interlayer Protective Coat	Sq. Yds.	173		173
Temporary Bridge Complete	Each			1



DESIGN STRESSES

FIELD UNITS PRECAST PRESTR. UNITS

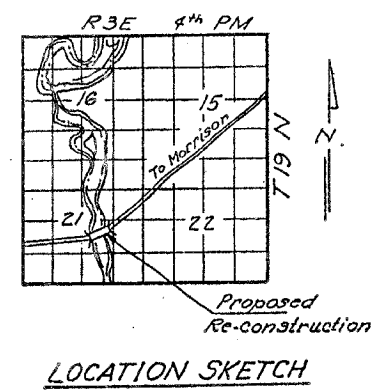
$f_c = 1400$ psi. (super) $f_c = 5000$ psi.

$f_c = 1000$ psi. (sub) $f_{ci} = 4000$ psi.

$f_s = 20,000$ psi. (reinf) $f_s = 248,000$ psi.

$v_c = 75$ psi. (footing) $f_{si} = 173,600$ psi.

$n = 10$



DESIGNED Simon Wetank

CHECKED James Peave

DRAWN Simon Wetank

CHECKED JP

FEBRUARY 26 1970

EXAMINED

PASSED W.B. Bamman

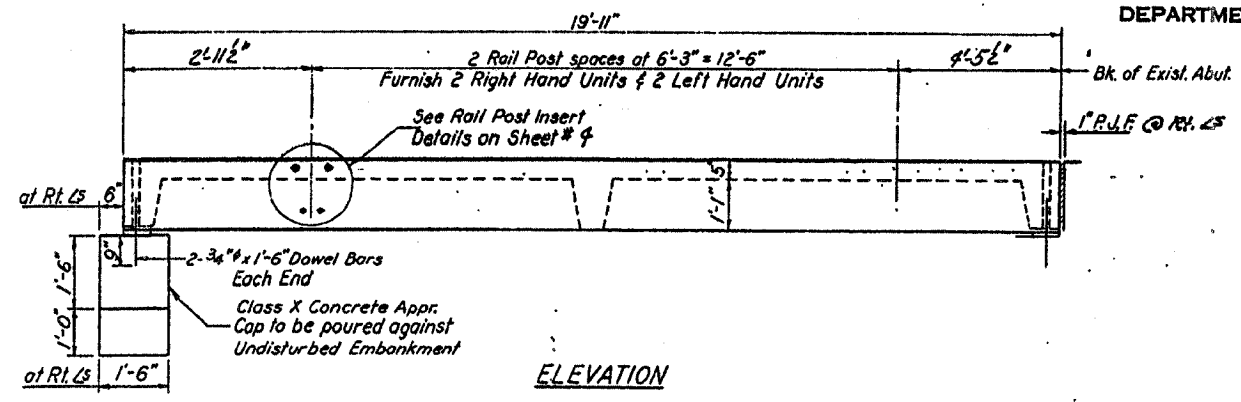
APPROVED Richard L. Holte

GENERAL PLAN & ELEVATION
 S.B.I. RT.3 OVER MEREDOSIA SLOUGH
 S.B.I. RT.3 SEC. II BR
 WHITESIDE COUNTY
 STA. 777+12

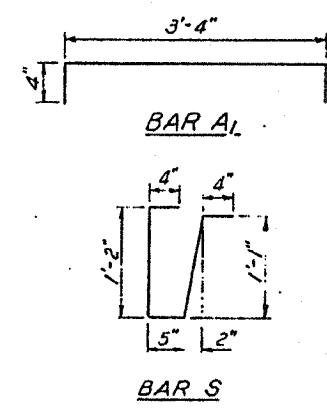
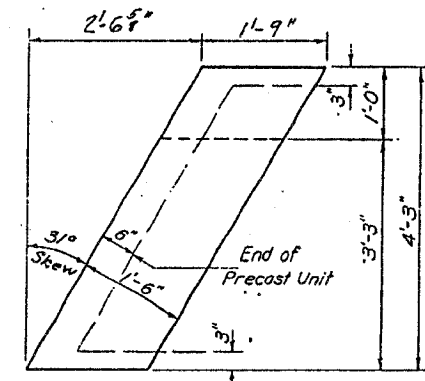
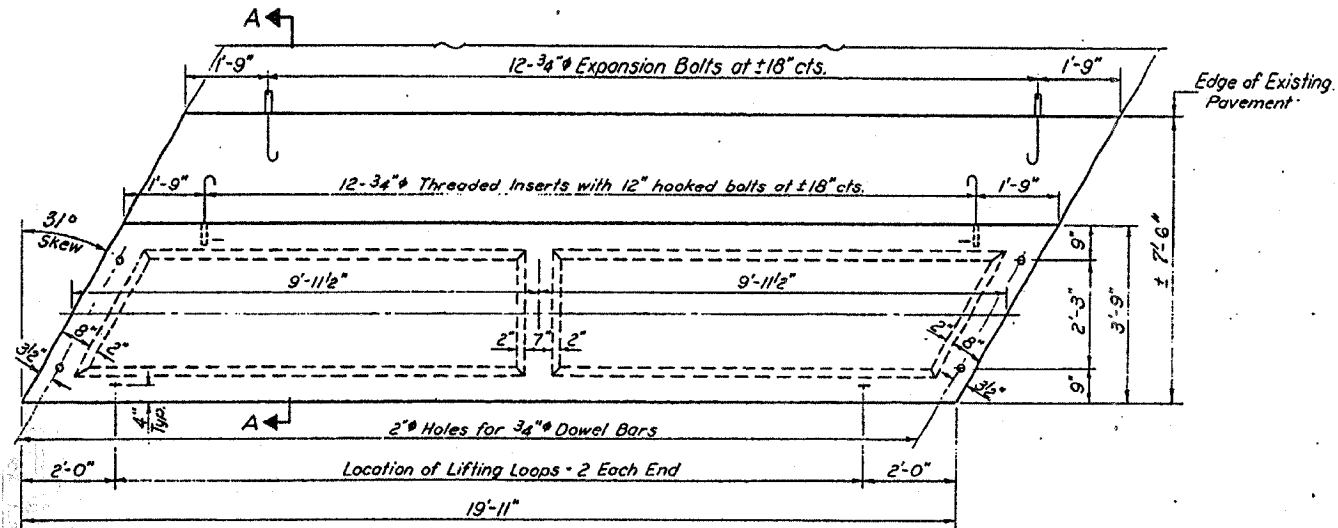
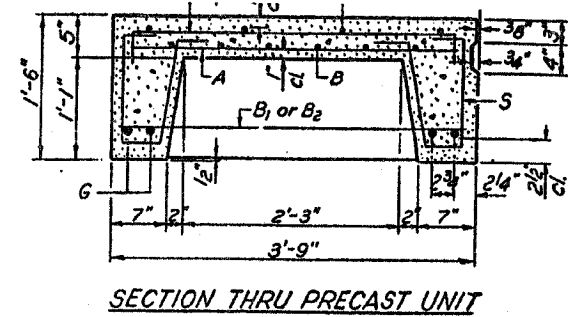
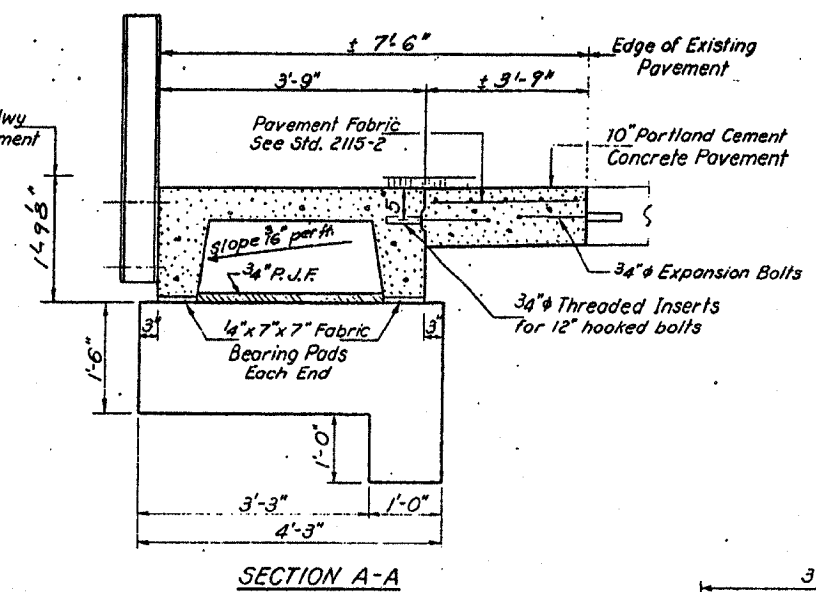
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.
S.B.I.R.T. 3
P.A.
P.B. ROAD #

FOR INFORMATION ONLY



Grade Line Elev. at Rdwy Top of exist. conc. pavement



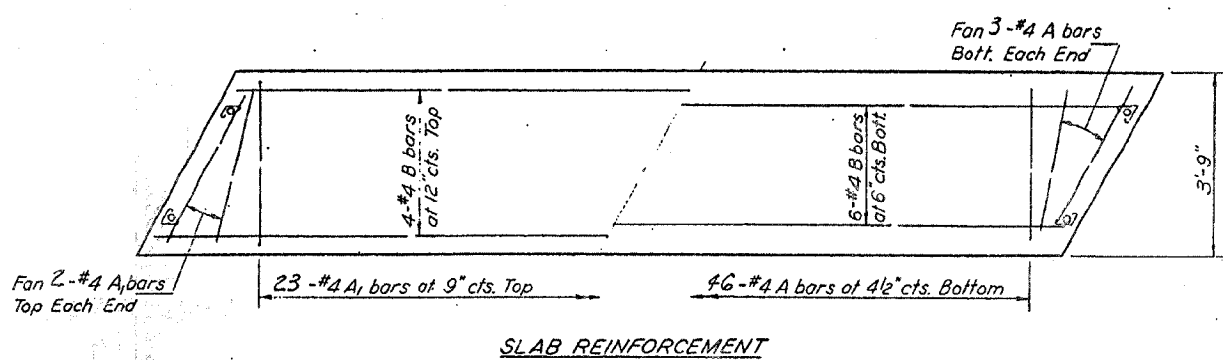
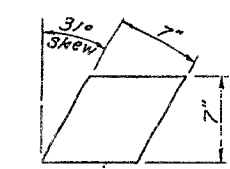
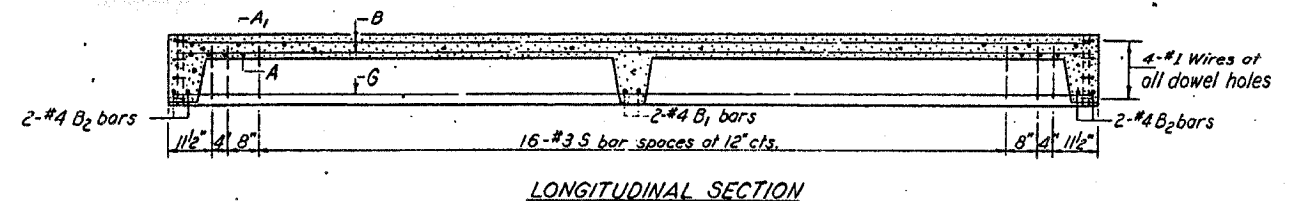
BAR LIST - ONE UNIT

Reinforcement to be cast into slab

Bar	No.	Size	Length	Shape
A	52	#4	3'-3"	—
A1	27	#4	4'-0"	—
B	10	#4	19'-6"	—
B1	2	#4	3'-6"	—
B2	4	#4	4'-0"	—
G	4	#10	19'-6"	—
S	42	#3	3'-4"	U

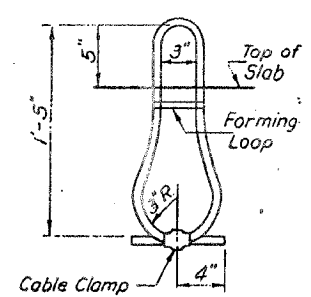
NOTES

Unless otherwise approved by the Engineer, lifting loops shall be 1/2" #6 x 19 class wire rope with fiber core and shall have a minimum ultimate strength of 18,700 lbs. Loops shall be burned off after slab has been erected. Holes shall be drilled and anchor dowels grouted in place.
Cost of reinforcement and accessories cast into the slab unit, bearing pads, furnishing, drilling for, placing and grouting anchor dowels and 3/4" hooked bolts is included in Unit bid price for "Precast Concrete Bridge Slab."
The Precast Concrete Bridge Slab shall be erected and aligned with the exterior face of the exterior Deck Beam after Deck Beams are in final position.



BILL OF MATERIAL

Item	Unit	Quantity
Precast Concrete Bridge Slab	Sq. Ft.	299
Portland Cement Concrete Pavement (10)	Sq. Yds.	33
Pavement Fabric	Sq. Yds.	33
Expansion Bolts 3/4"	Each	48
Class X Concrete	Cu. Yds.	1.7



STRESSES

f_c = 4,500 psi.
f_c = 1,800 psi.
f_s = 20,000 psi.
n = 8

APPROACH DETAILS
S.B.I.R.T. 3 SEC. II BR

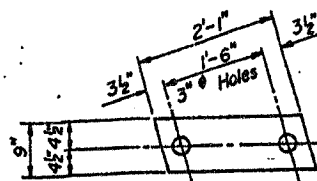
WHITE SIDE COUNTY
S.B.I.R.T. 3

DESIGNED *Simon Utterback*
CHECKED *James Pence*
DRAWN *J.L. Armstrong*

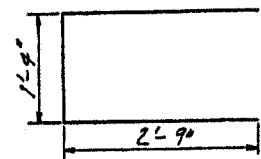
FEB. 26 1970
EXAMINED
PASSED *W.E. Baumann*
APPROVED *W.E. Baumann*

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

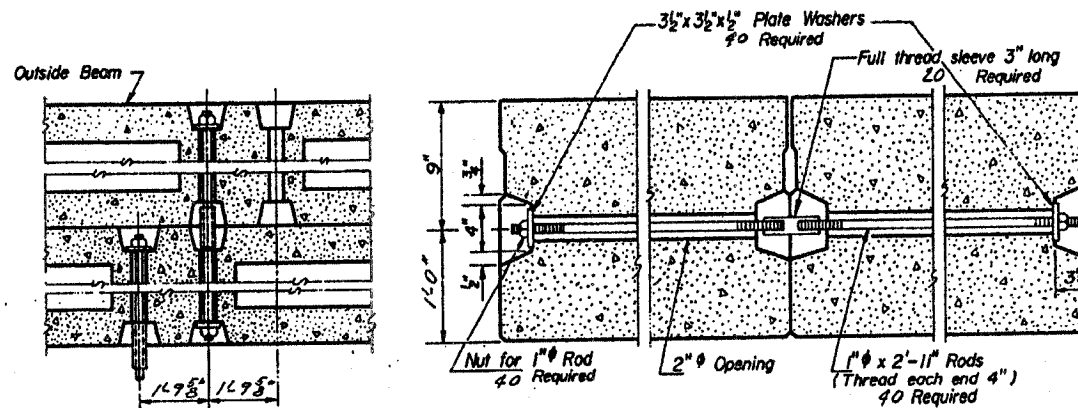
FOR INFORMATION ONLY



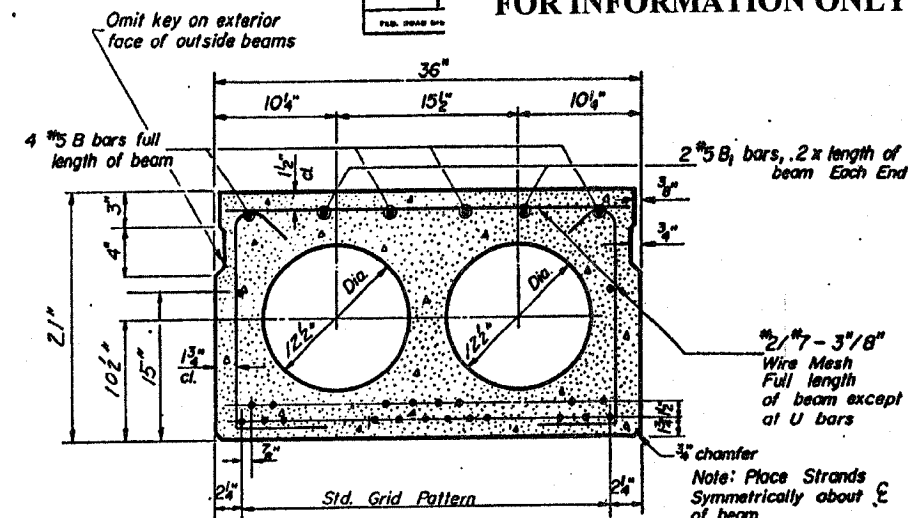
FABRIC BEARING PAD



U BAR

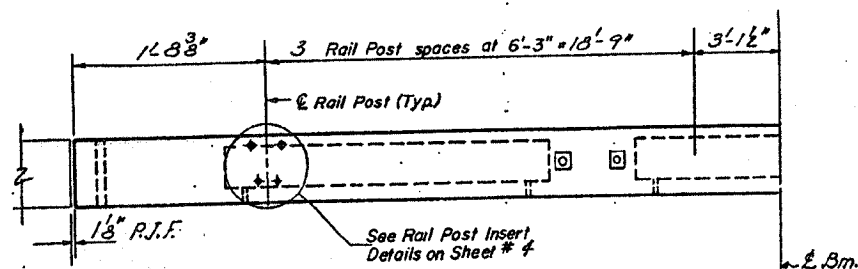


TYPICAL TRANSVERSE TIE ASSEMBLY

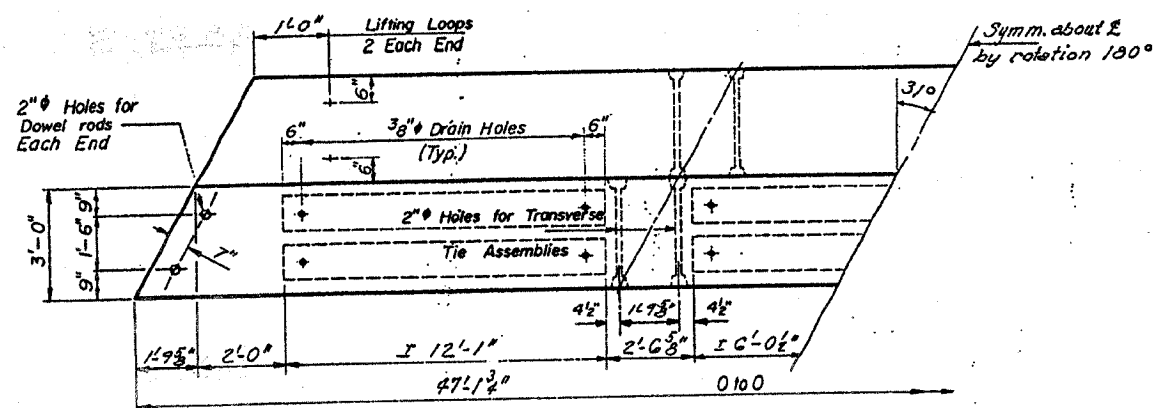


TYPICAL SECTION

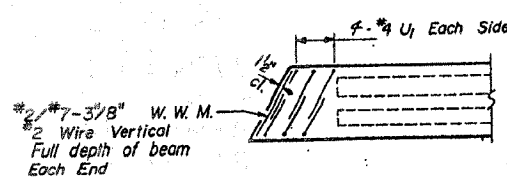
7 # Strands Each Strand Stressed to 18,900 lbs.
12 Strands 1 1/2" up, 8 Strands 3/4" up, 2 Strands 15" up



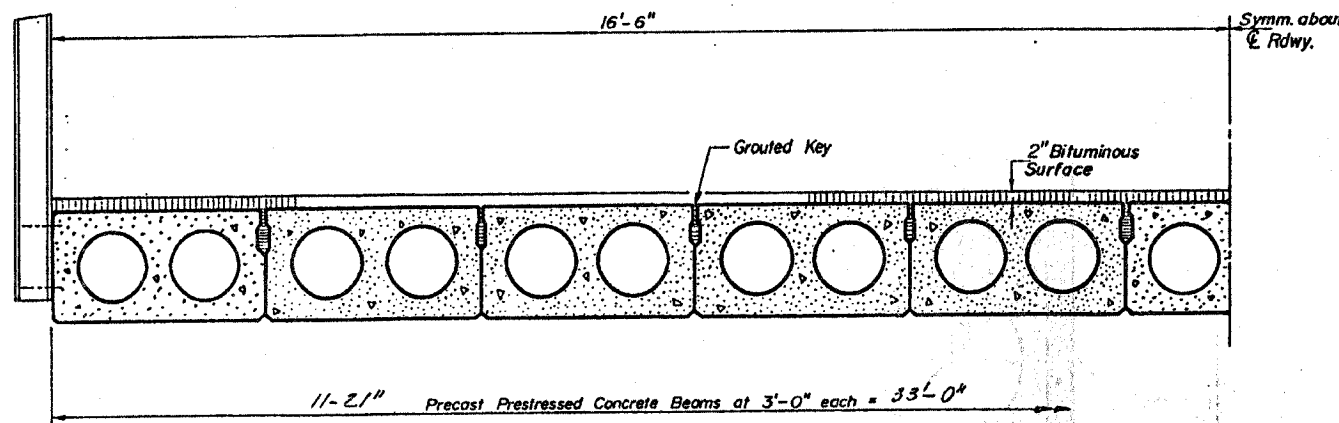
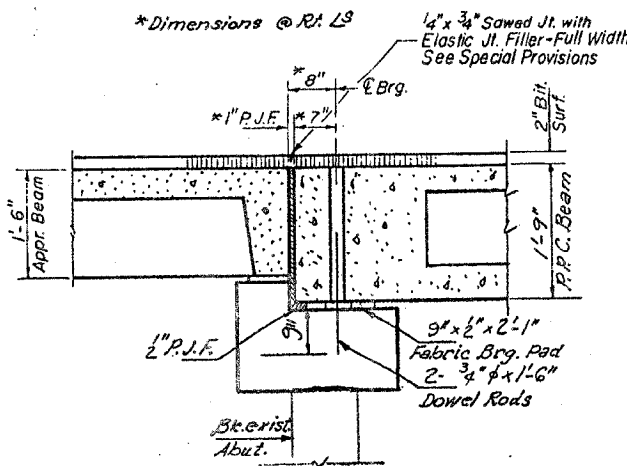
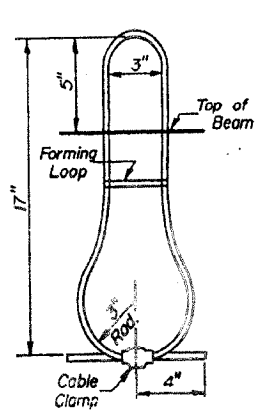
ELEVATION



PARTIAL PLAN



END PLAN



HALF CROSS SECTION

GENERAL NOTES

Prestressing steel shall be non-galvanized high strength, stress-relieved 7-wire strand. The nominal diameter shall be 7/16 and the nominal cross-sectional area shall be 0.109 sq. in. Lifting loops shall be 5/8" diameter, 6x19 class wire rope with fiber core and shall have a minimum ultimate tensile strength of 27,000 lbs. The 1" rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets that receive transverse tie bar on outside beam shall be filled with grout after transverse tie assembly is in place. Longitudinal shear keys shall be packed with a very dry mix of 2-1 sand and P.C. mortar. After beams have been erected, holes for dowel anchors shall be drilled into sub-structure. Grout dowels at fixed end. At expansion end grout dowels into sub-structure & fill holes in beam with P.A.F.-4. Steel for dowel rods, transverse tie rods, and armor angles shall be S.A.E. 1020, or ASTM A-306 Grade 70-30. After fabrication the transverse tie assemblies (tie rods, nuts, washers and sleeves) shall be hot-dipped galvanized in accordance with A.S.T.M. Designation: A153. Cost of reinforcement and accessories cast into the beam, of bearing pads, of armor angles, and of grouting longitudinal shear keys is included in unit price bid for "Precast Prestressed Concrete Deck Beams."

BILL OF MATERIAL

Item	Quantity	Unit	Notes
Precast Prestressed Concrete Deck Beams 21"	Sq. Ft.	1556	
Removal of Existing Superstructure	Each	1	

SUPERSTRUCTURE
S.B.I.R.T. 3 SEC. II BR
WHITESIDE COUNTY
STA. 977+12

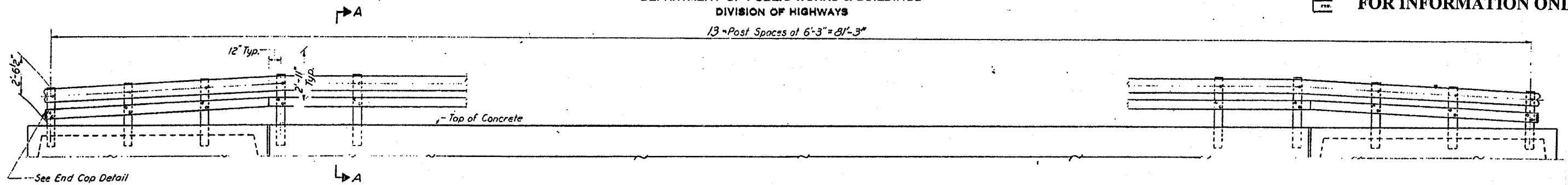
DESIGNED: Simon Ustank
CHECKED: James Ponce
DRAWN: JAMES S. CARMAN

EXAMINED: Feb. 26 1970
PASSED: W. E. Bannmann
SUPERVISOR OF DESIGN

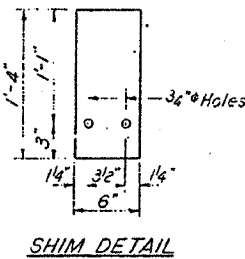
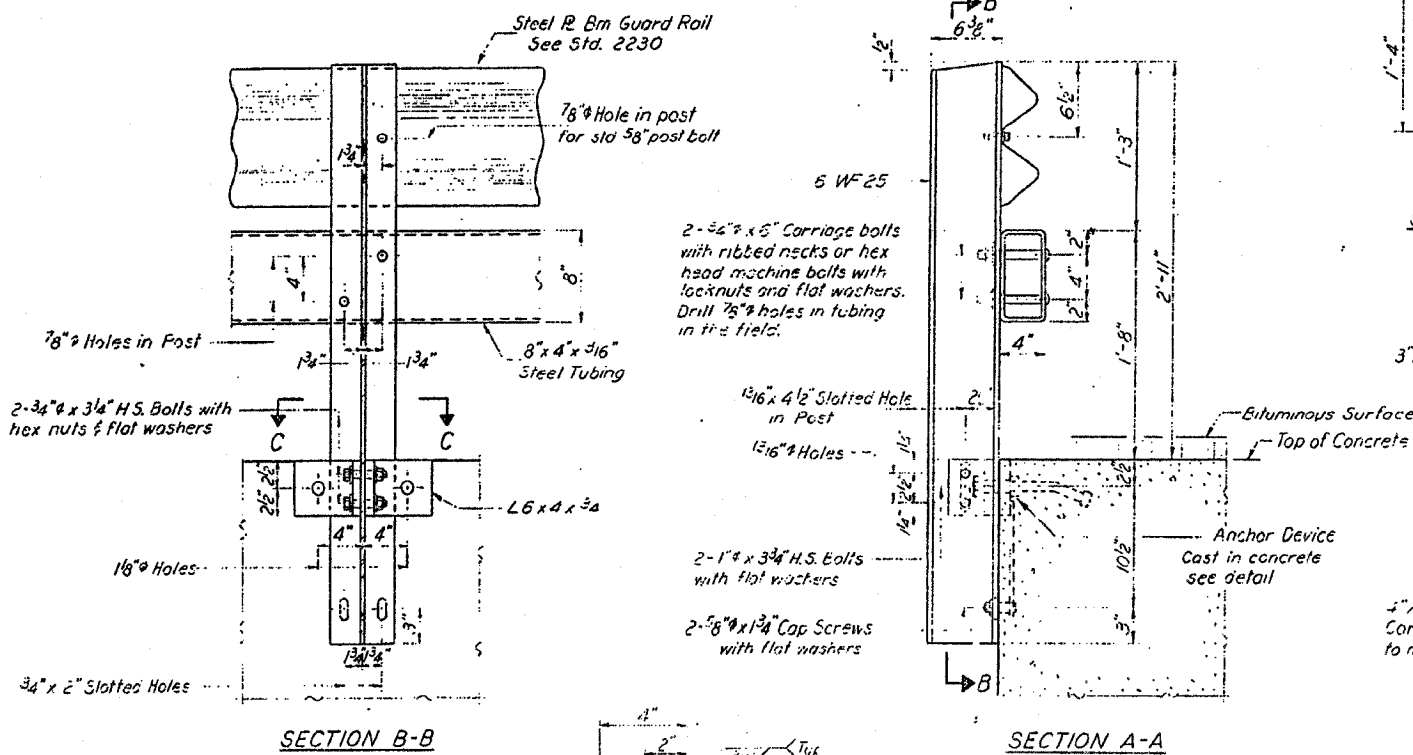
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

FOR INFORMATION ONLY

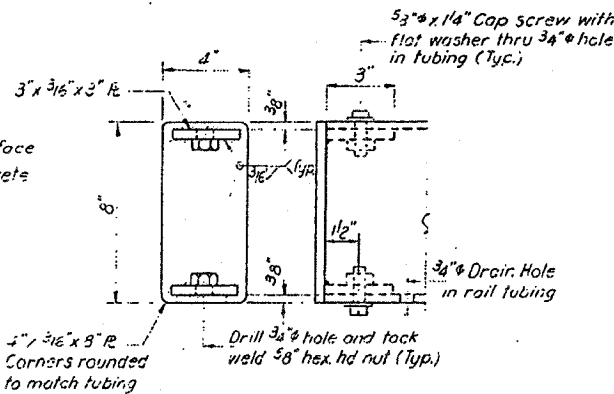
13 Post Spaces of 6'-3" = 81'-3"



ELEVATION
Showing inside face of railing



SHIM DETAIL



END CAP DETAIL
4 Required

NOTES

Hollow structural steel tubing shall conform to the requirements of ASTM designation A-501 "Hot Formed Welded and Seamless Carbon Steel Structural Tubing."

All other steel shapes and plates shall conform to the requirements of ASTM designation A-441 or A-36.

Bolts, cap screws, and nuts shall conform to the requirement of ASTM designation A-307 except for high strength bolts, nuts and washers noted which shall conform to ASTM designation A-325.

All bolts, nuts, cap screws, washers and lock washers shall be galvanized in accordance with ASTM designation A-153.

All posts, railing, rail splices, anchor devices and angles shall be galvanized after shop fabrication in accordance with ASTM designation A-123 and A-385. Galvanized rail shall not be painted.

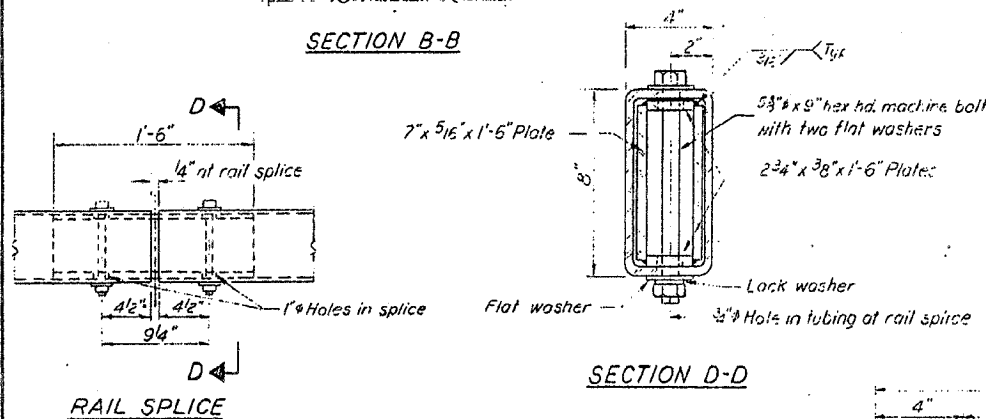
Railing shall be in accordance with Section 508 of the Standard Specifications, except as noted, and shall be paid for of the contract unit price per lineal foot for STEEL RAILING, TYPE W.

All field drilled holes shall be coated with an approved zinc rich paint before erection.

The lower portion of the post flange in contact with concrete shall receive two coats of asphalt paint conforming to Section 714.08 Type B or place 1/2 inch fabric bearing pad between the post and concrete.

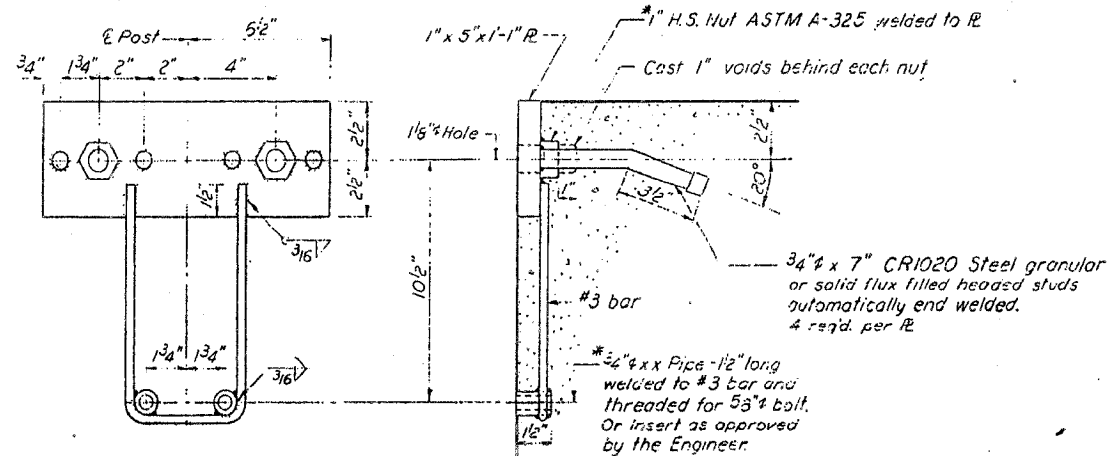
The 3/4 inch high strength bolts used to connect the 6 x 4 x 3/4 angles to the post shall be tightened in accordance with Article 710.11 of the Standard Specifications. The 1 inch high strength bolts connecting the angles to the concrete beam shall be tightened to a snug fit and given an additional 1/8 turn.

For multi-span bridges, sufficient 1/4 inch x 6 inch x 1-4 inch galvanized steel shims shall be provided to align rail between adjacent spans. Cost incidental to Steel Railing.



RAIL SPLICE

SECTION D-D



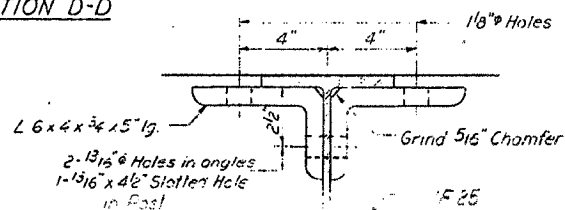
BILL OF MATERIAL

Item	Unit	Quantity
STEEL RAILING, TYPE W	Lin. Ft.	163

TYPE W
STEEL RAILING
S.B.I.R.T.3 SEC.11-BR
WHITEHIDE COUNTY

DESIGNED Simon [Signature]
CHECKED James Pance
S.U.

EXAMINED [Signature]
PASSED [Signature]
FEB 24 1970

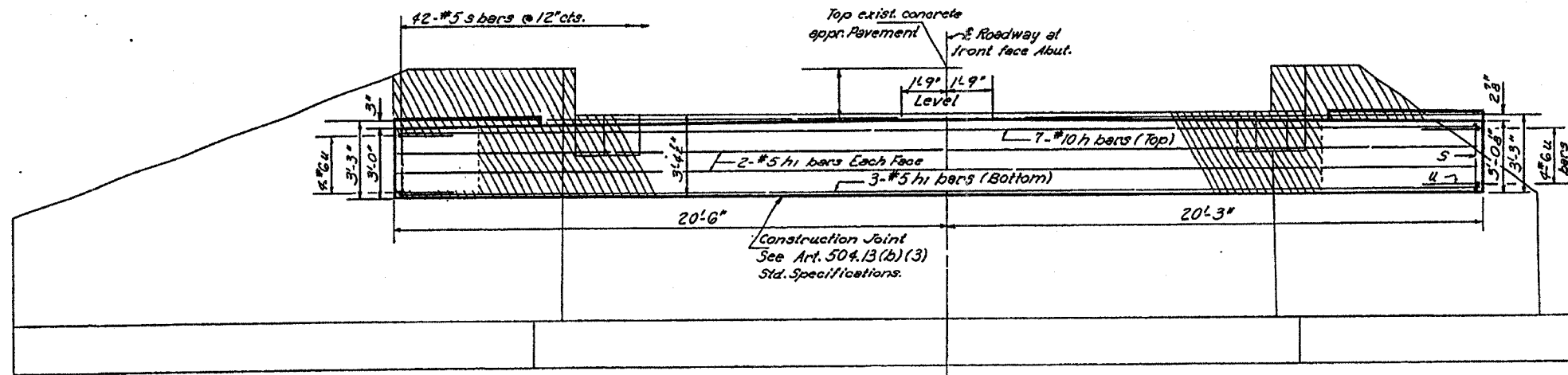


SECTION E-E

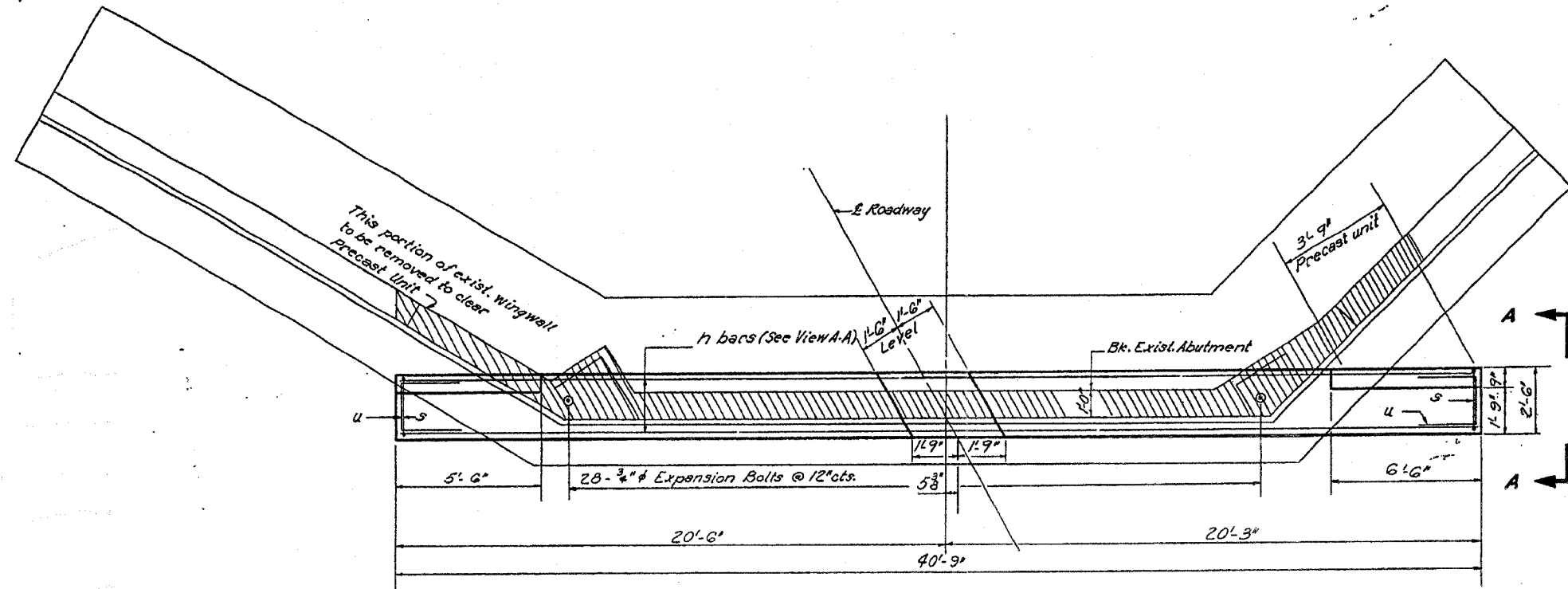
ENCLOSURE

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

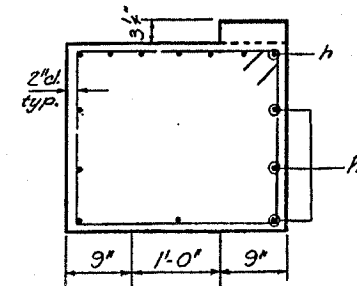
DATE
SCALE
SHEET NO.



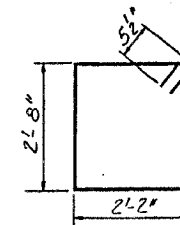
ELEVATION



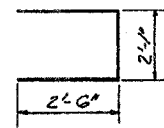
PLAN



VIEW A-A



BAR S



BAR U

TWO ABUTMENTS
BILL OF MATERIAL

Bar No.	Size	Length	Shape
h	#10	40'-6"	—
h1	#5	40'-6"	—
s	#5	10'-7"	□
u	#6	7'-1"	□
Class X Concrete			Cu. Yds. 23.8
Concrete Removal			Cu. Yds. 14
Reinforcement Bars			Lbs. 4,130
Expansion Bolts @ 12" Each			56

ABUTMENTS
S.B.I. RT. 3 SEC. 11 BR
WHITESIDE COUNTY

DESIGNED: Simon Holst
CHECKED: James Pence
EXAMINED: [Signature]
PASSED: [Signature]
FEB. 26 1970

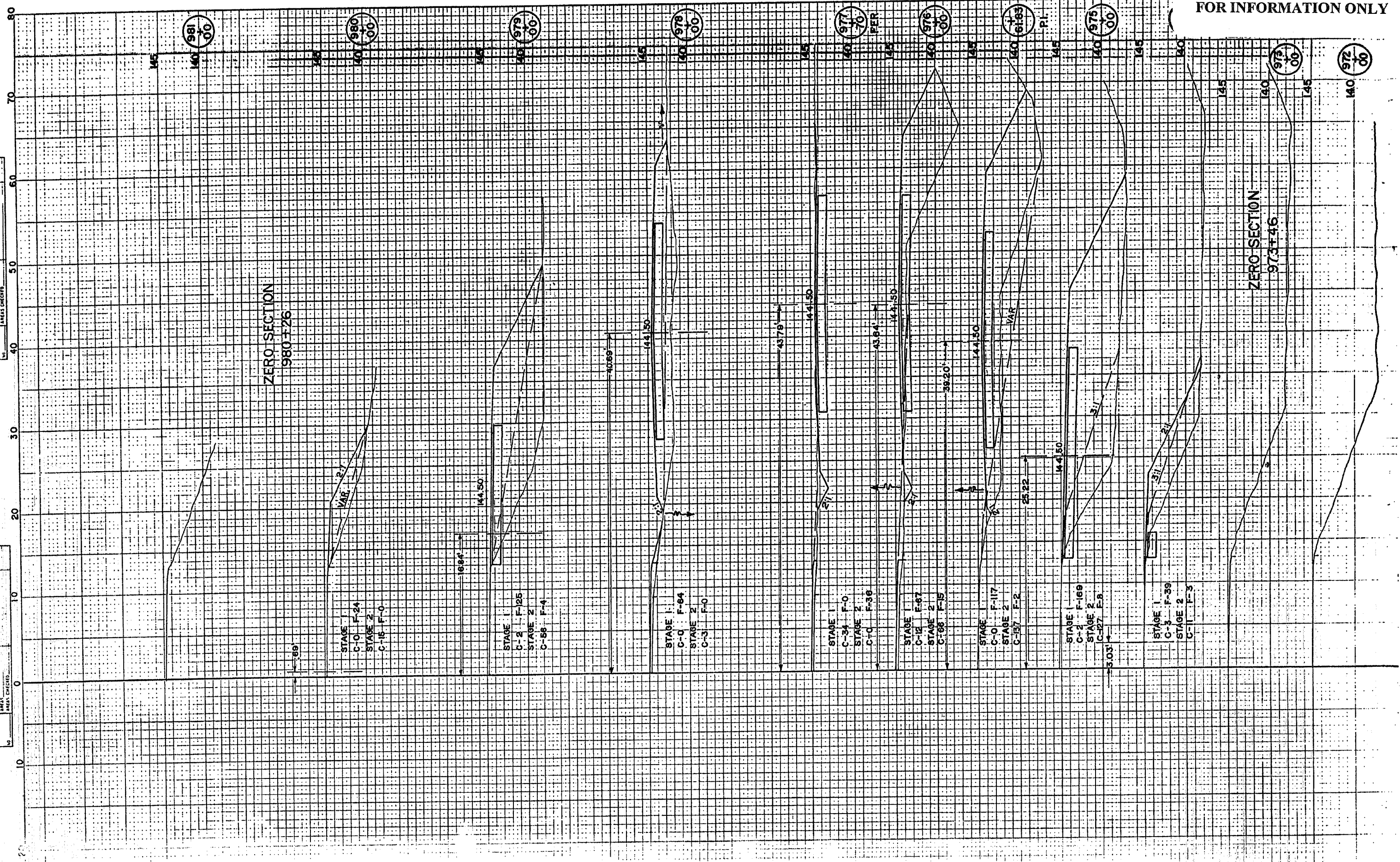
Notes:
Hatched area indicates Concrete Removal. Reinforcement extending into removed area shall be cleaned and bonded into new construction.
Expansion Bolts shall be anchored in sound concrete.
All edges shall have standard 4" chamfers except as noted.

281 Rt 3 Sec 11 BR Whiteside Co. Dist 5

FOR INFORMATION ONLY

SURVEYED
 PLOTTED
 RECALCULATED
 SITE BOUNDARY
 AREA CHECKED

ORIGINAL
 SURVEY
 PROFILE
 AREA CHECKED



140 981 00

140 980 00

140 979 00

140 978 00

140 977 70 PER

140 976 00

140 975 00 Pt.

140 974 00

140 973 00

140 972 00

ZERO SECTION
980 ± 26

ZERO SECTION
973 ± 46

STAGE 1
C-0 F-24
STAGE 2
C-15 F-0

STAGE 1
C-2 F-25
STAGE 2
C-56 F-4

STAGE 1
C-0 F-64
STAGE 2
C-3 F-0

STAGE 1
C-34 F-0
STAGE 2
C-0 F-38

STAGE 1
C-12 F-67
STAGE 2
C-66 F-5

STAGE 1
C-0 F-117
STAGE 2
C-57 F-2

STAGE 1
C-2 F-169
STAGE 2
C-27 F-8

STAGE 1
C-3 F-39
STAGE 2
C-1 F-3

16.84

40.69

44.50

43.79

43.84

39.20

25.22

3.03

VAR.

VAR.

VAR.

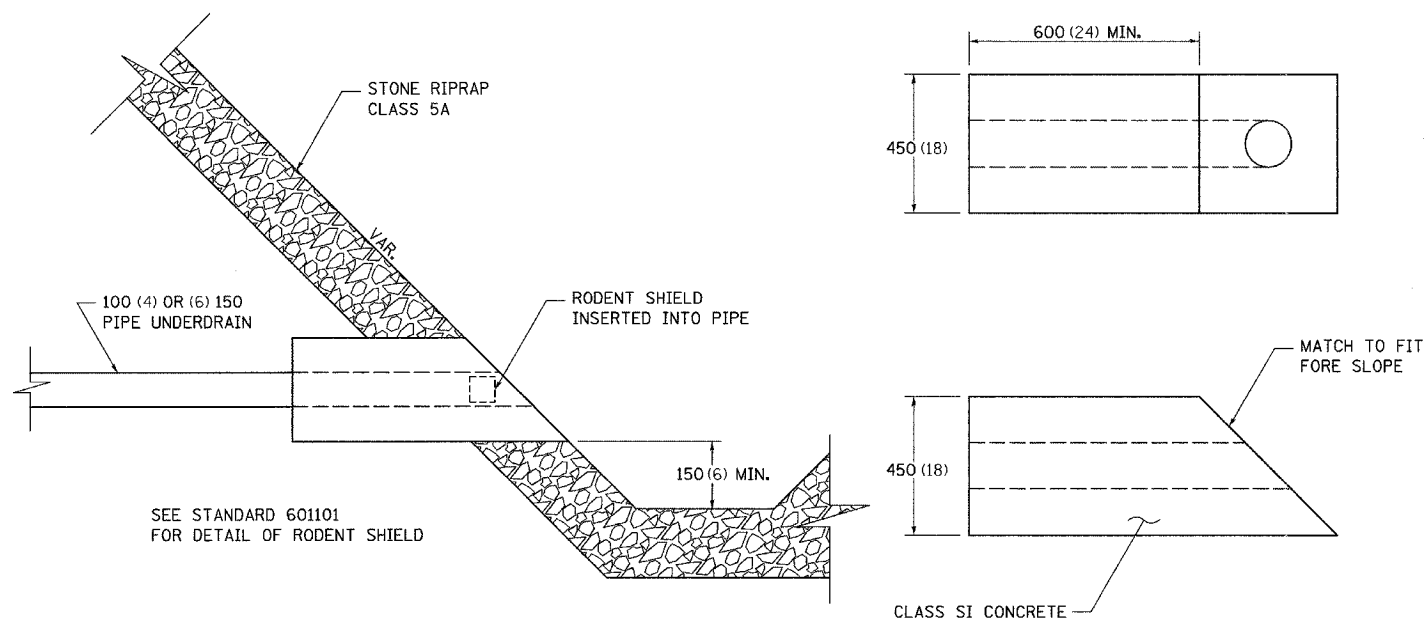
VAR.

VAR.

VAR.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11BR-1	*	43	32
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*WHITESIDE & ROCK ISLAND				

CONCRETE HEADWALLS FOR PIPE DRAINS



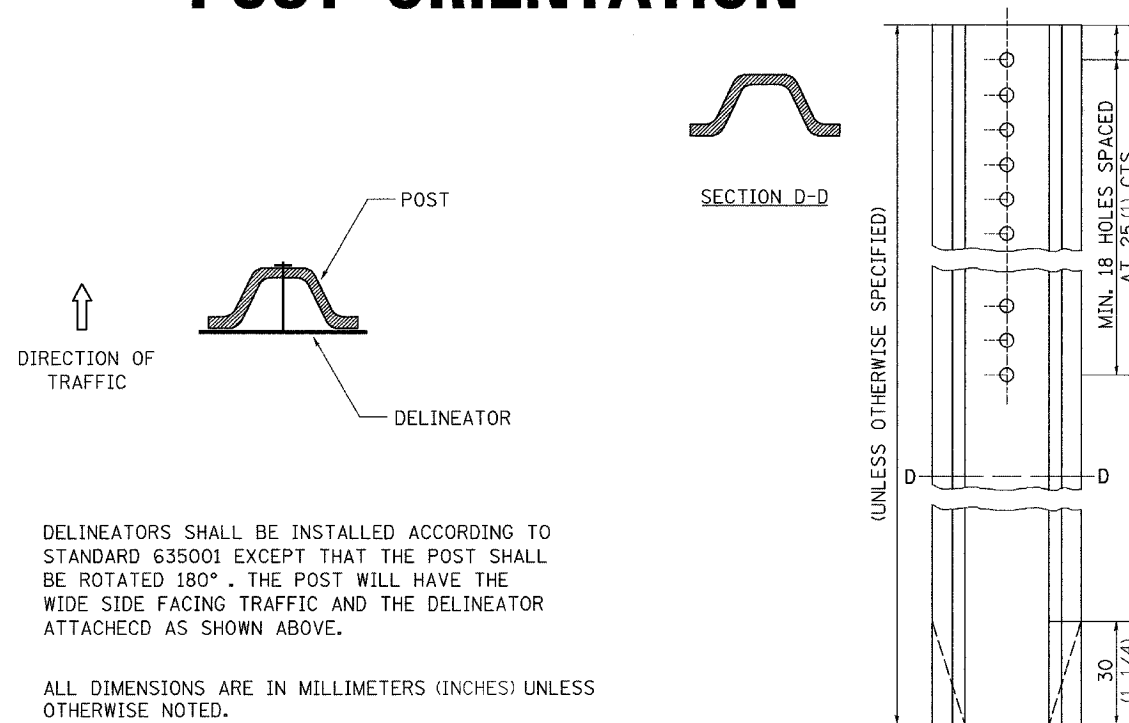
SEE STANDARD 601101 FOR DETAIL OF RODENT SHIELD

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

CONCRETE HEADWALLS FOR PIPE DRAINS 27.4

REVISED 10-15-04

DELINEATOR AND POST ORIENTATION



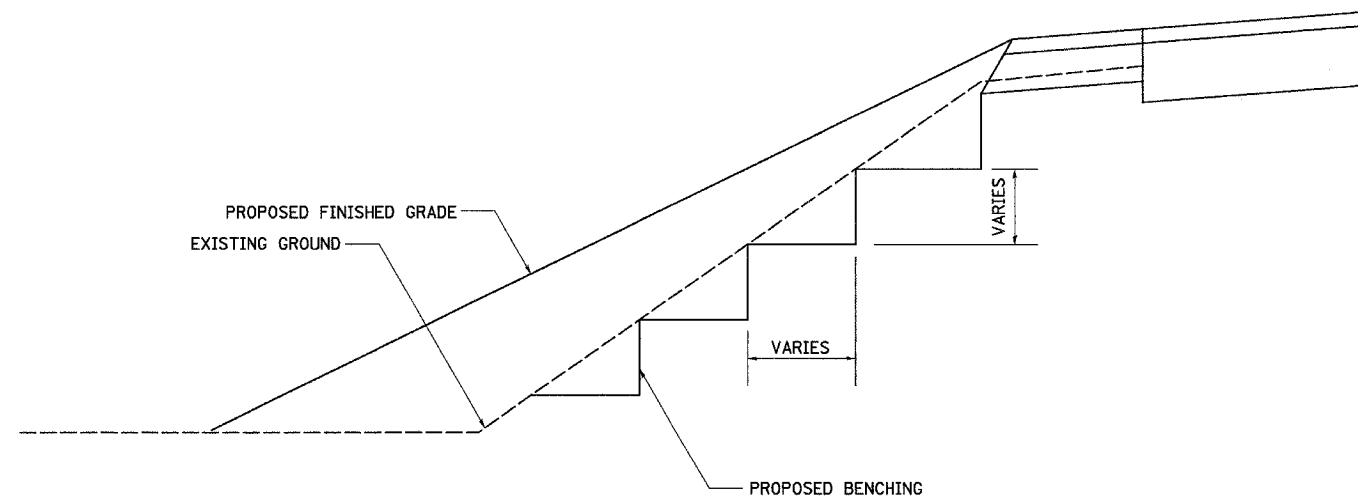
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

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

DELINEATOR AND POST ORIENTATION 37.4

REVISED 1-31-00

TYPICAL BENCHING ON EXISTING EMBANKMENT

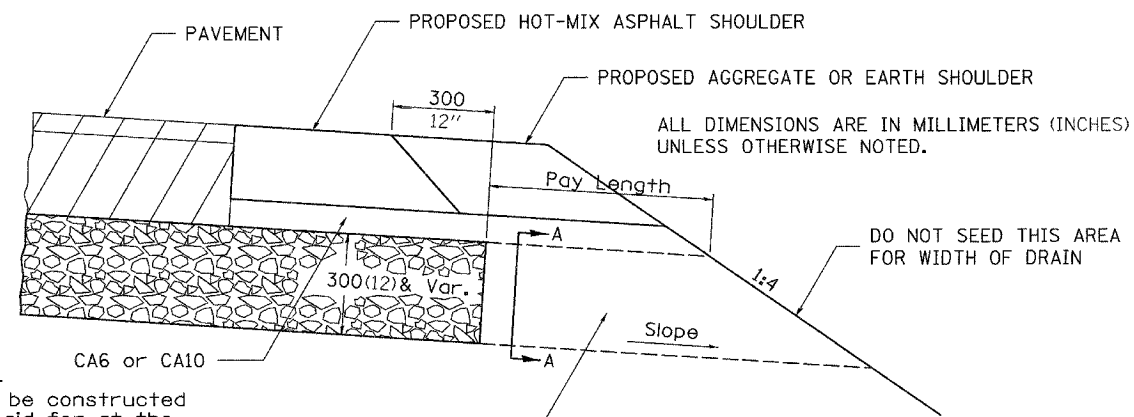


TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4

REVISED 2-22-06

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11BR-1	*	43	33
STA. _____ TO STA. _____				
FED. ROAD DIST. NO. _____ ILLINOIS		FED. AID PROJECT		
*WHITESIDE & ROCK ISLAND				

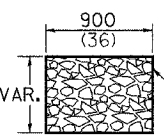
DRAIN FOR AGGREGATE BASE COURSE



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

NOTES:

The rock outlets shall be constructed using CA7 and will be paid for at the contract unit price per m² (SQ. YD.) for DRAIN FOR AGGREGATE BASE COURSE. The thickness shall be the same as the adjacent sub-base material as noted on the plans and shall include the cost of the filter fabric. The Rock outlets will be measured in m² (SQ. YD.), the width being 900 (36) by the length shown above. The cost of the CA6 or CA10 under the shoulder shall be included in the contract unit price per m² (SQ. YD.) for SUB-BASE GRANULAR MATERIAL, TYPE A of the thickness specified. The filter fabric to be used shall conform to the filter fabric used for Riprap.



SECTION A-A

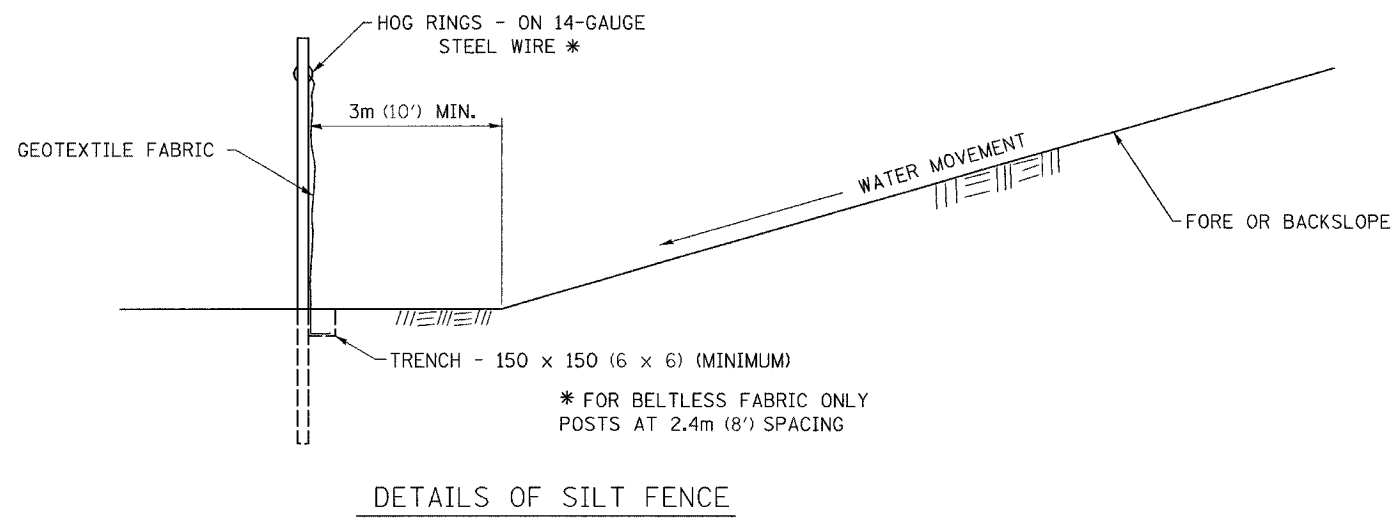
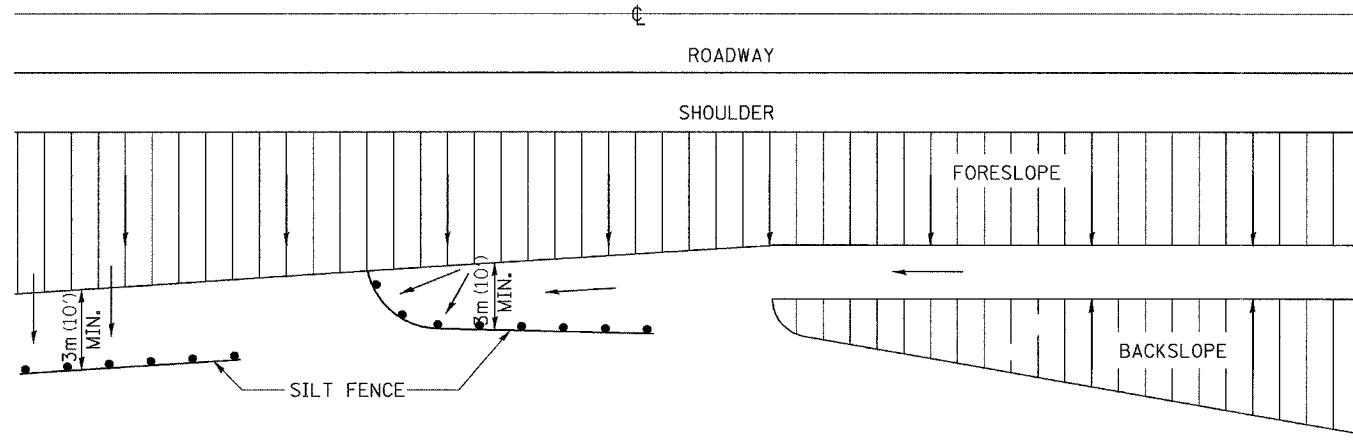
ROCK OUTLET AT ALL LOW POINTS TO BE 900 (36) WIDE AND EXTEND TO FORESLOPE

NOTE: Slope same as shoulder with 2% min.

DRAIN FOR AGGREGATE BASE COURSE 96.4

REVISED 10-10-06

EROSION CONTROL DETAILS FOR SILT FENCE



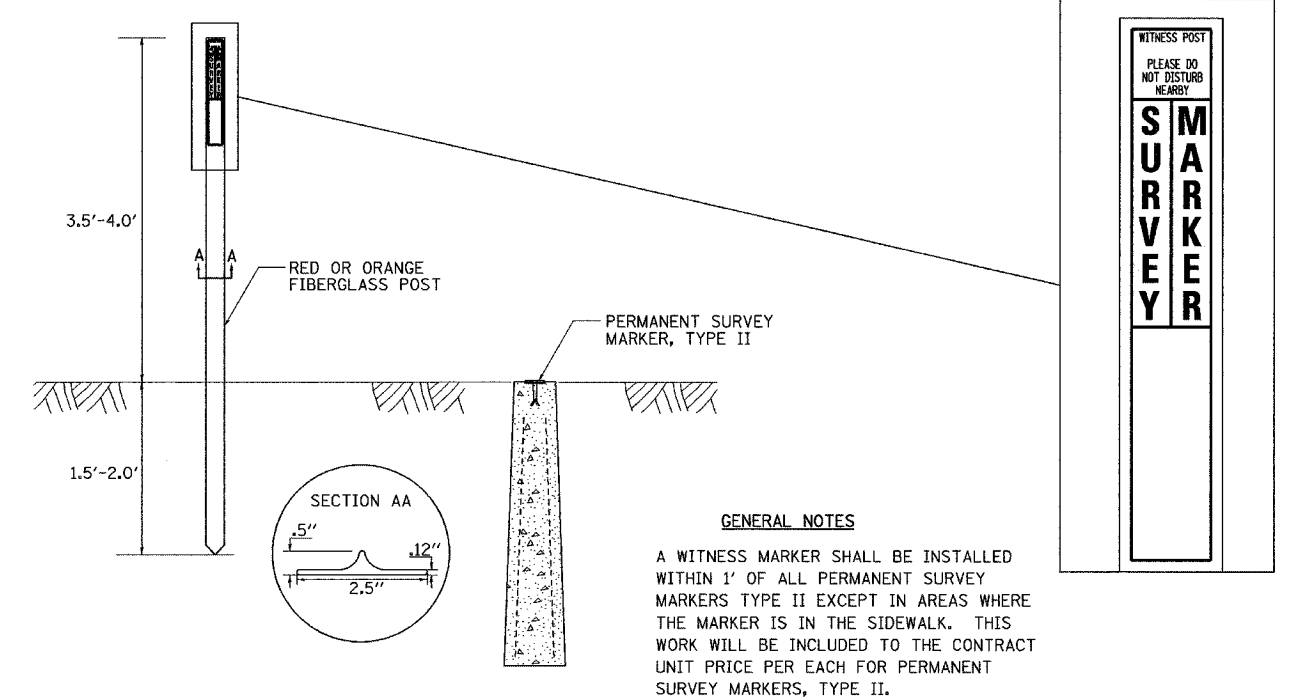
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED 10-22-01

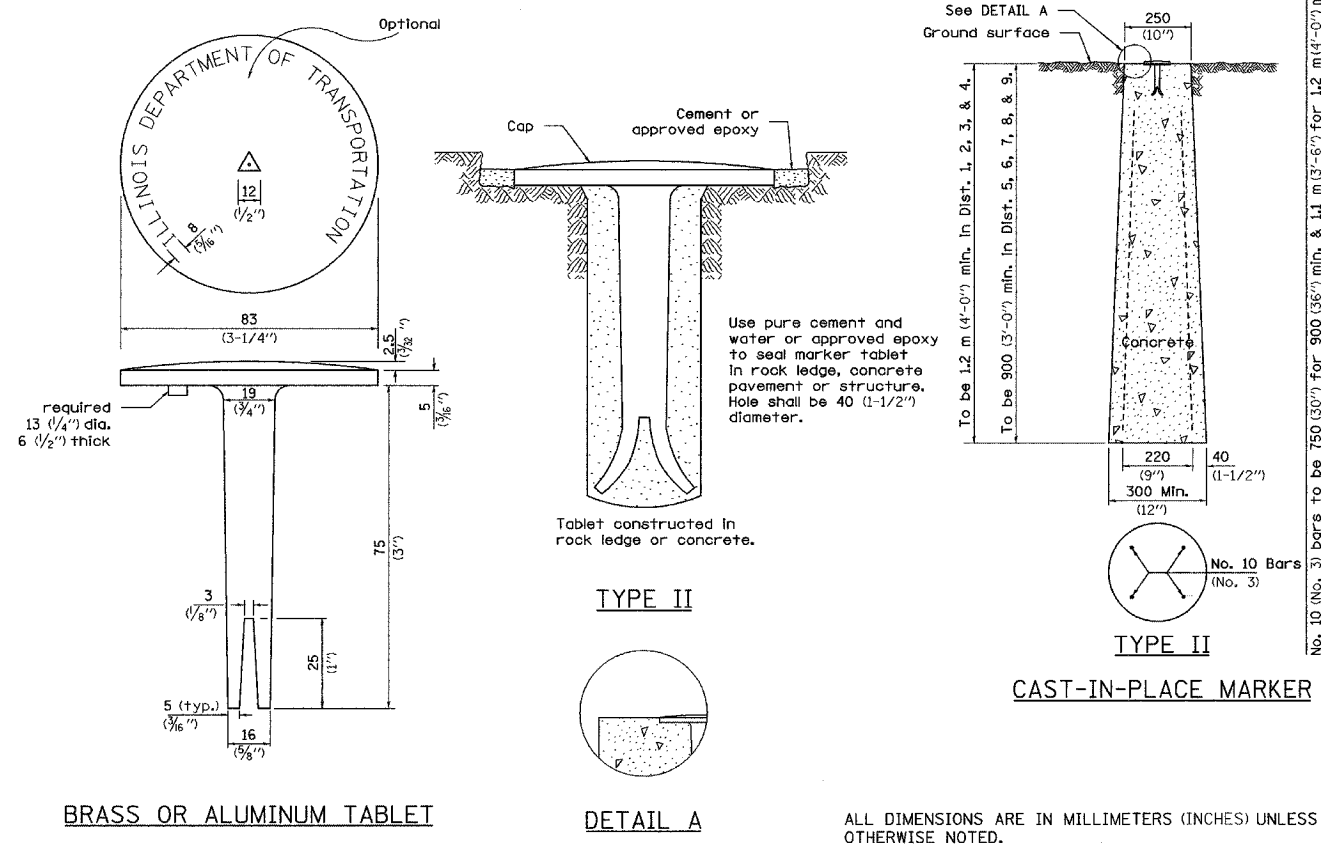
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FILE NAME = ZORROESP.L
PLOT SCALE = NONE
REFERENCE = NONE

WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II

CONTRACT NO. 64939				
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11BR-1		43	34
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
•WHITESIDE & ROCK ISLAND				



PERMANENT SURVEY MARKERS, TYPE II

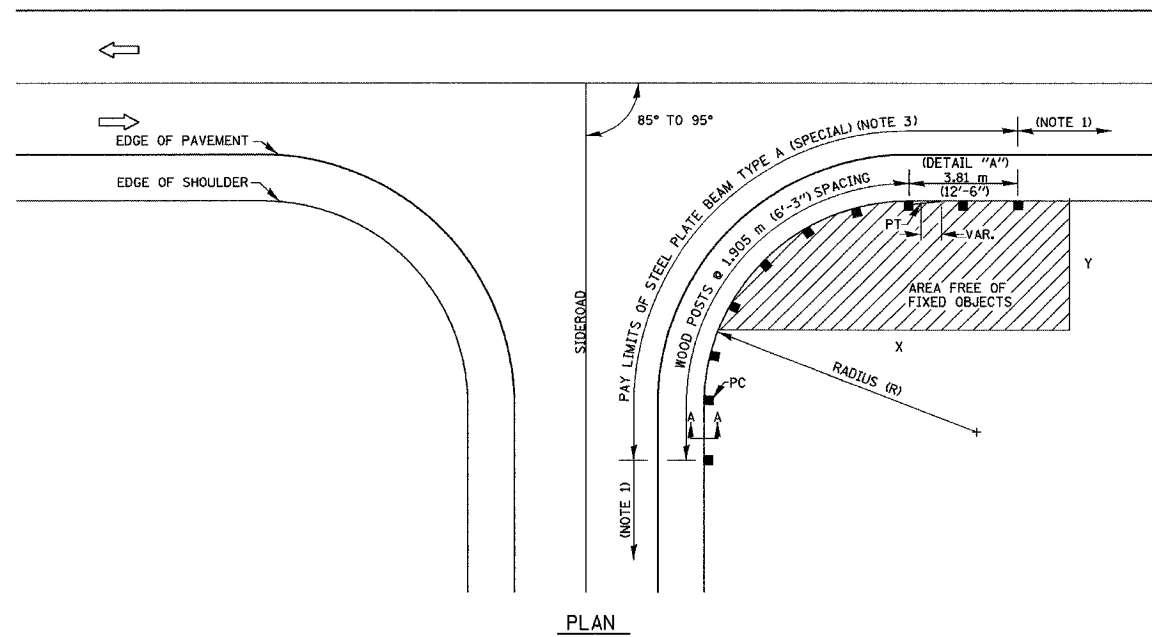


ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 6-26-06

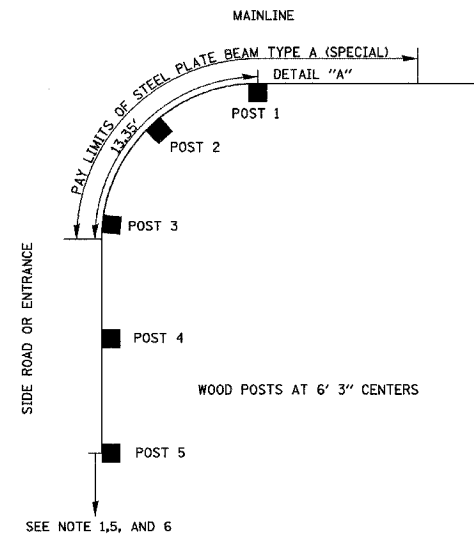
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11BR-1	*	43	34A
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*WHITESIDE & ROCK ISLAND				

STEEL PLATE BEAM GUARD RAIL, TYPE A (SPECIAL)

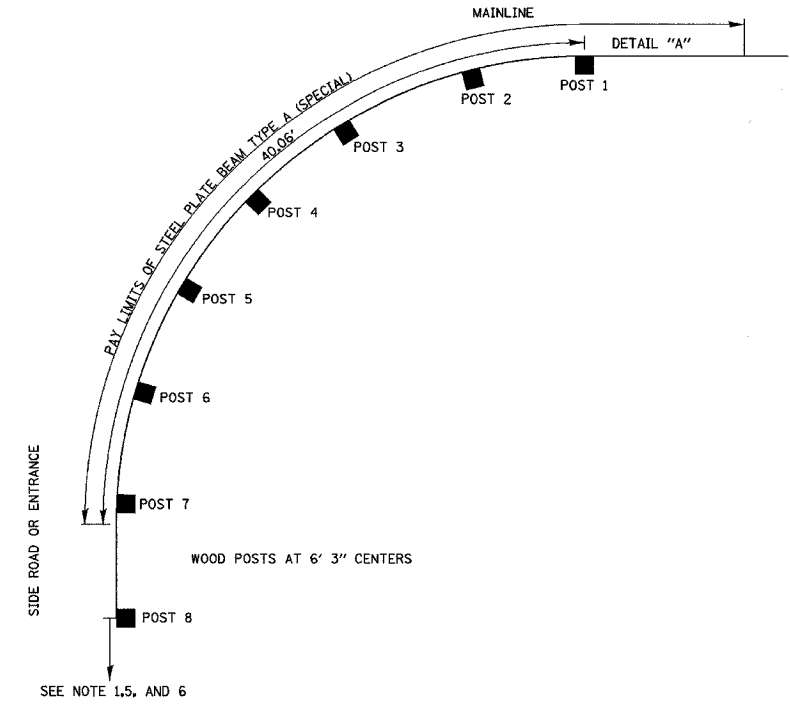


PLAN

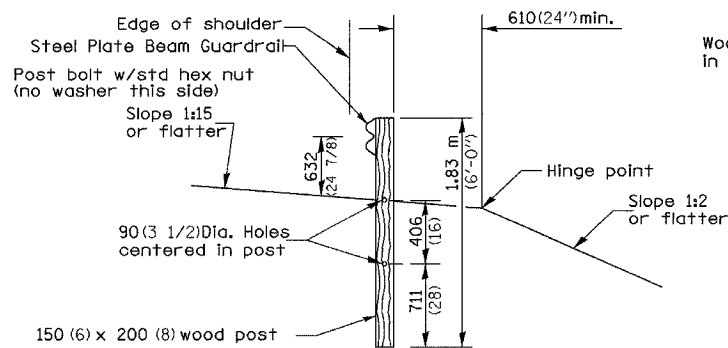
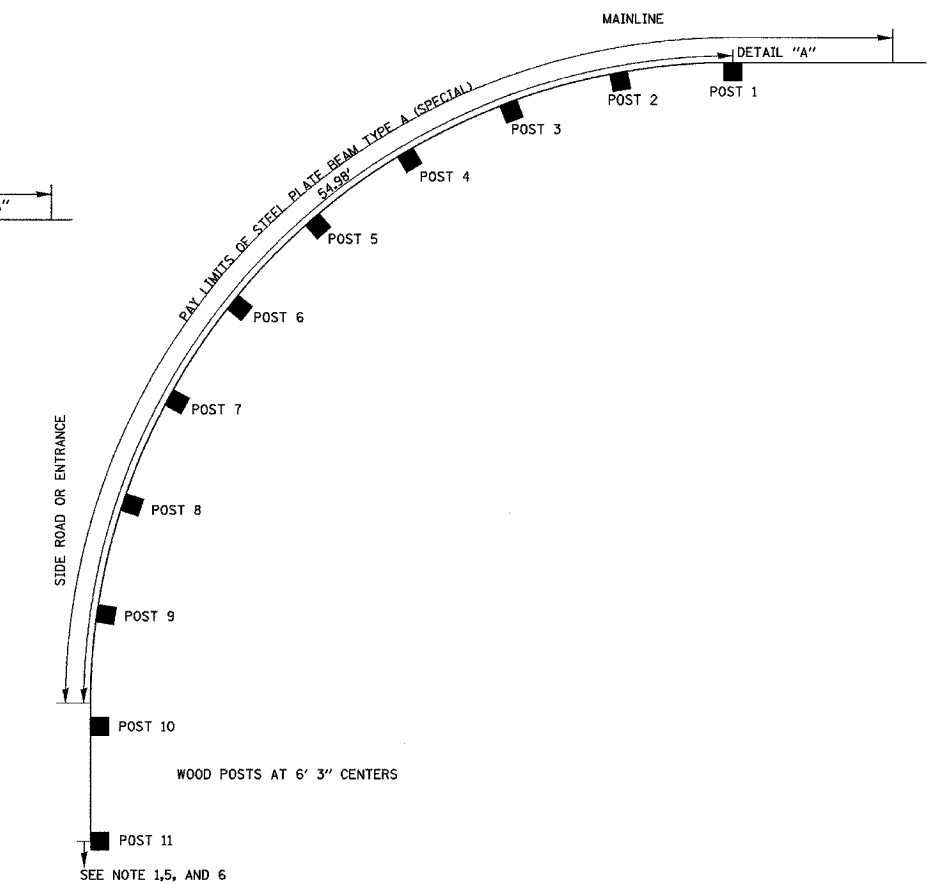
POST DETAIL FOR 8' 6" RADIUS



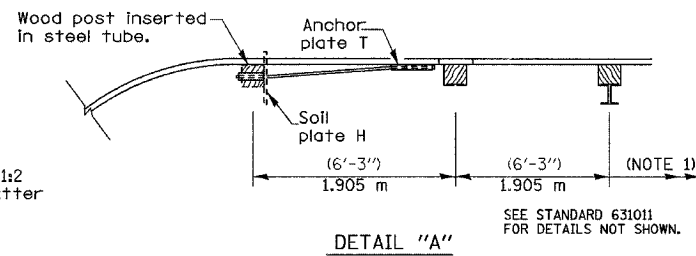
POST DETAIL FOR 25' 6" RADIUS



POST DETAIL FOR 35' 0" RADIUS



SECTION A-A



DETAIL "A"

NOTES:

- STEEL PLATE BEAM GUARDRAIL TYPE A, TYPE B, OR TRAFFIC BARRIER TERMINAL AS SPECIFIED.
- FOR THE 2.59 m (8'-6") RADIUS, THE RAIL IS NOT BOLTED TO THE POST LOCATED AT THE MIDPOINT OF THE CURVE.
- STEEL PLATE BEAM GUARDRAIL, TYPE A (SPECIAL) MEASURED FOR PAYMENT IN METERS (FEET). THE LENGTH MEASURED WILL BE THE OVERALL LENGTH OF THE SINGLE RAIL ERECTED MEASURED ALONG THE TOP EDGE OF THE RAIL ELEMENTS TO THE LIMITS SHOWN ON THE PLANS.
- BLOCK OUTS SHALL NOT BE USED WITHIN LIMITS OF THIS PAY ITEM.
- SIDE ROAD GUARDRAIL MUST END WITH TRAFFIC BARRIER TERMINAL, ON PE, CE, FE USE TRAFFIC BARRIER TERMINAL TYPE 2.
- ALL GUARDRAIL ON PE, CE, AND FE MUST BE WITHIN THE ROW.

GENERAL NOTES

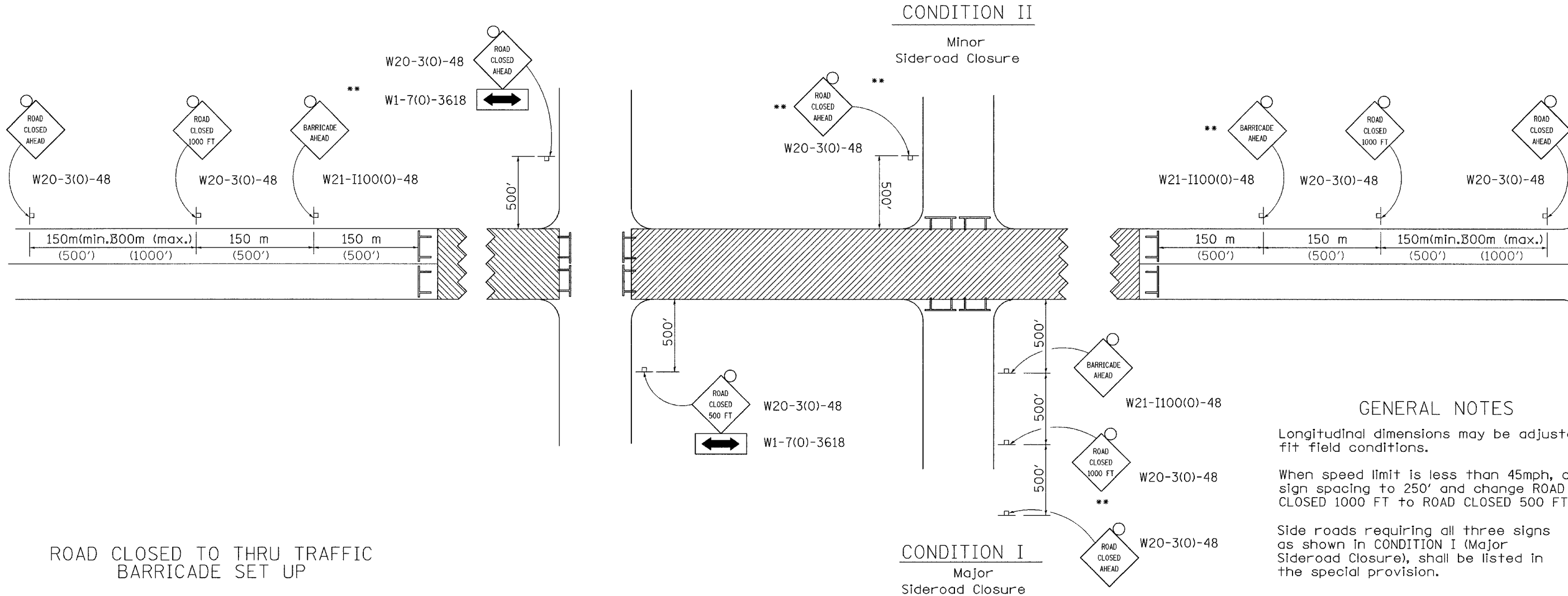
ALL SLOPE RATIOS ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H).
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

INSTALLATION CHARACTERISTICS PER DESIGN RADIUS (R)			
R	NO. OF WOOD POSTS	X	Y
2.59 (8'-6")	5 (NOTE 2)	7.6 m (25')	4.6 (15')
5.18 (17'-0")	6	9.1 m (30')	4.6 (15')
7.77 (25'-6")	8	12.2 m (40')	6.1 (20')
10.67 (35'-0")	11	15.2 m (50')	6.1 (20')

PLOT DATE = 10/07
FILE NAME = 20%002SPL
PLOT SCALE = NONE
REFERENCE = NONE

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11BR-1	*	43	35
STA.		TO STA.		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		
*WHITESIDE & ROCK ISLAND				

TRAFFIC CONTROL FOR ROAD 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.

SYMBOLS

- Work area
- Type III Barricade with Flashers
- Sign with flashing light

Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To All Thru Traffic" detail on Highway Standard 702001. If the distance "D" exceeds 600 m (2000') an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

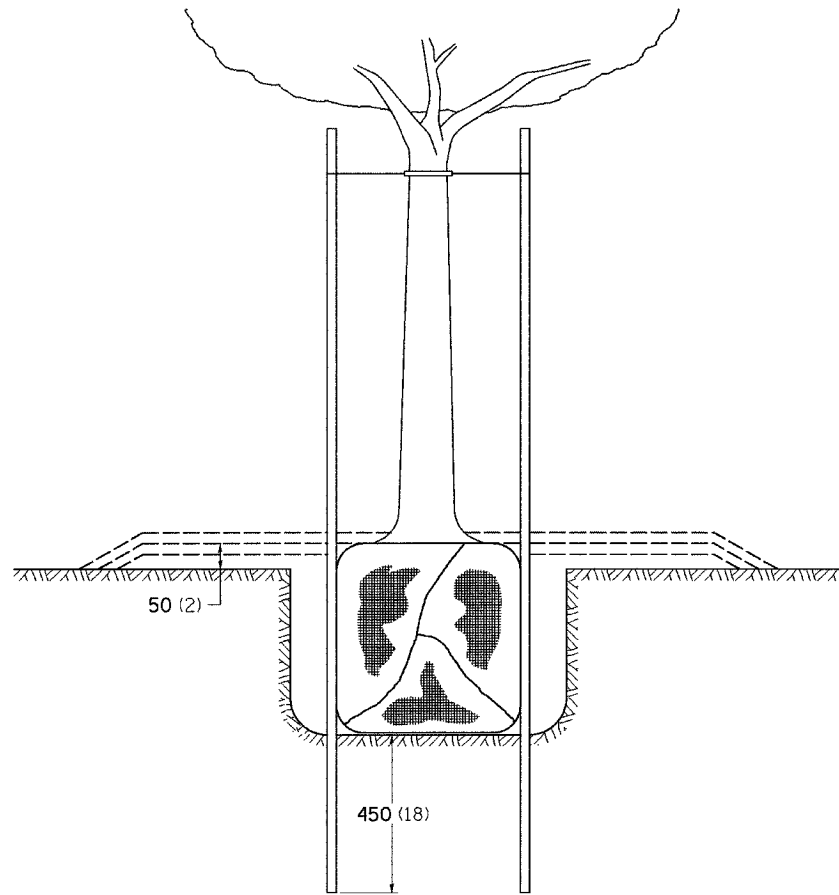
All dimensions are in millimeters (inches) unless otherwise shown.

TYPICAL APPLICATION FOR ROAD CLOSURE

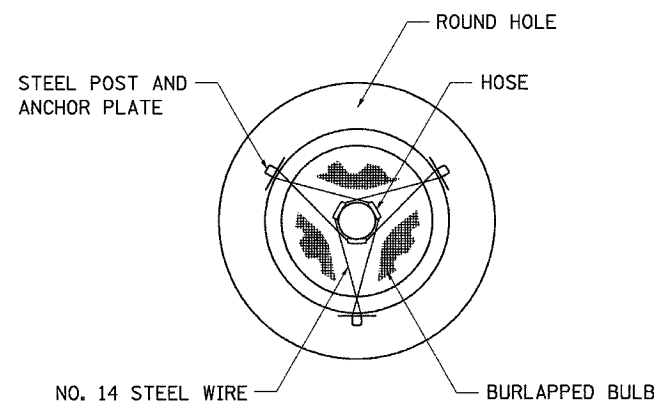
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DRAWING NAME = NONE
REFERENCE = NONE

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11BR-1	*	43	36
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*WHITESIDE & ROCK ISLAND				

DETAILS OF PLANTING AND BRACING TREES

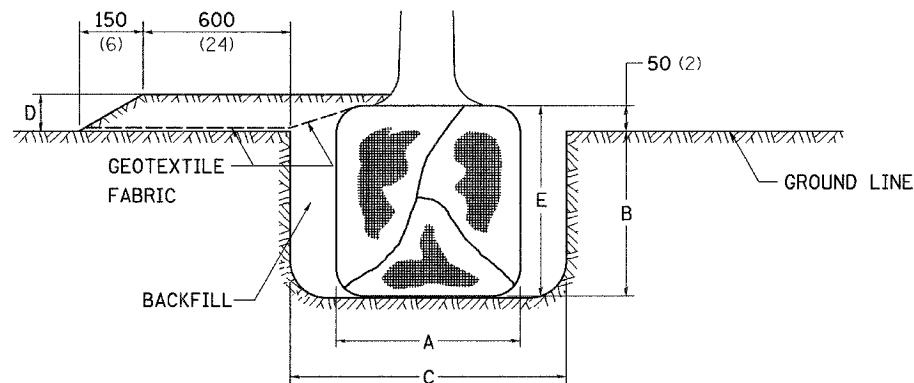


TREES SMALLER THAN 115 (4 1/2) IN DIAMETER

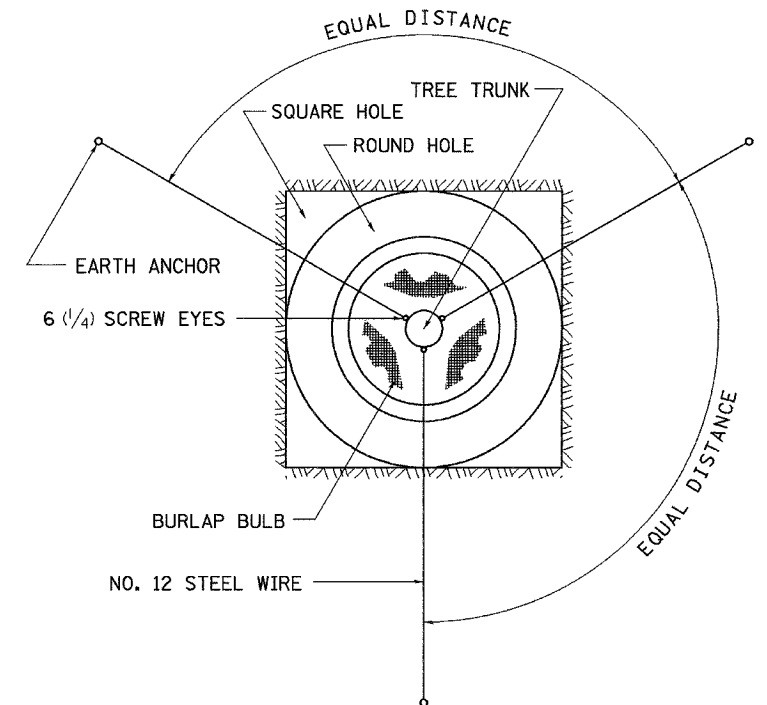


SMALL	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER m ³ (CU. YDS.)
1.5-1.8m (5'-6')	400 (16)	250 (10)	750 (30)	100 (4)	300 (12)	0.41 (0.54)
1.5-1.8m (5'-6') BB	400 (16)	250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

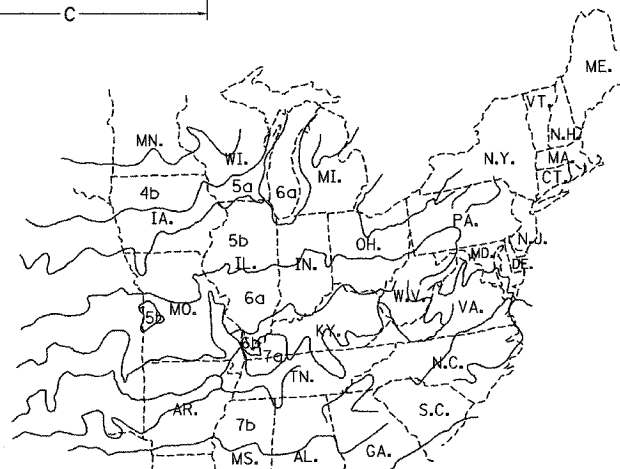
LARGE	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER m ³ (CU. YDS.)
0-50 (0-2)	500 (20)	275 (11)	900 (36)	100 (4)	325 (13)	0.47 (0.61)
50-65 (2-2 1/2) BB	600 (24)	350 (14)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



TREES OVER 115 (4 1/2) IN DIAMETER



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

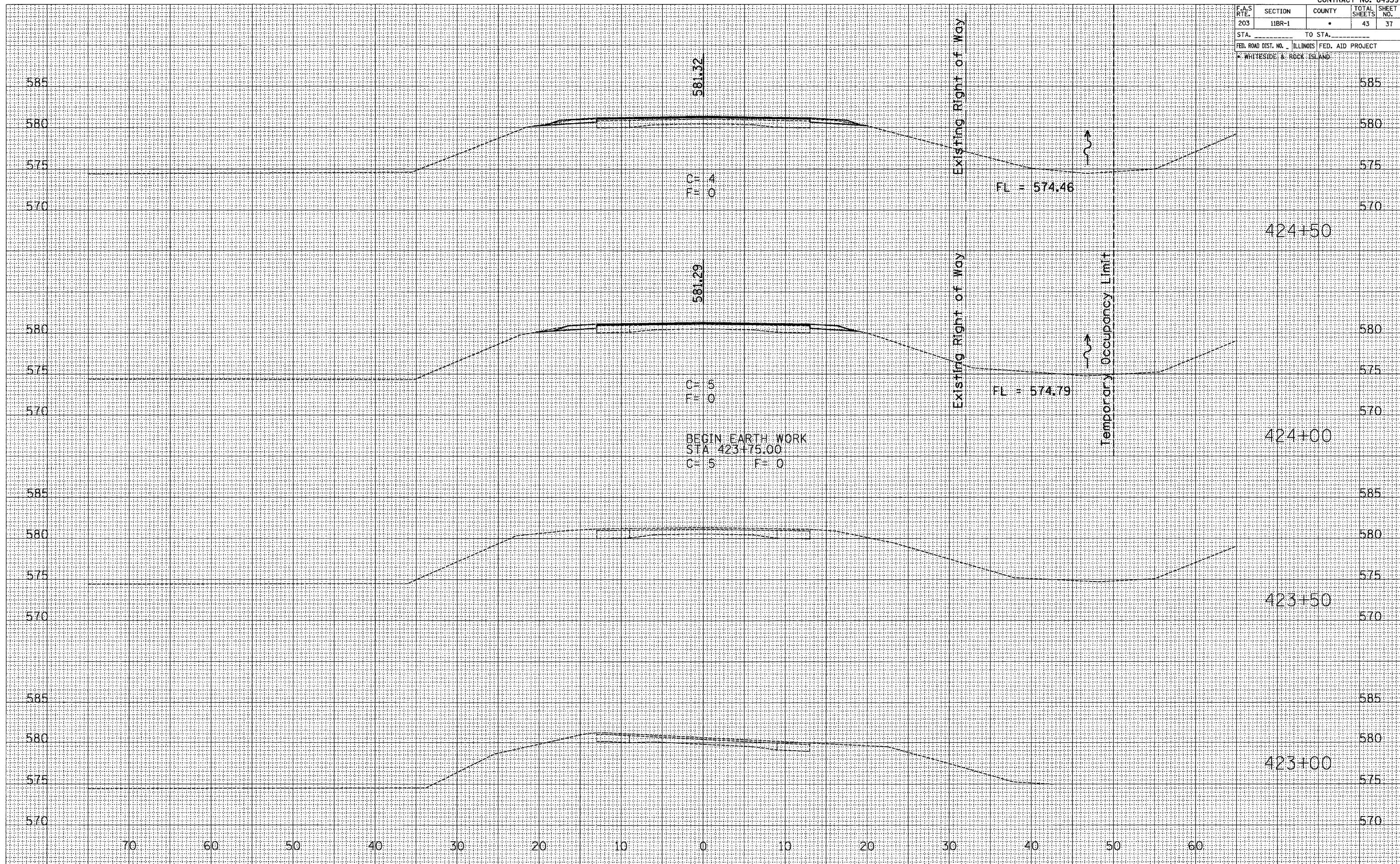


PLANT HARDINESS ZONE MAP
U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PUBLICATION NO. 814

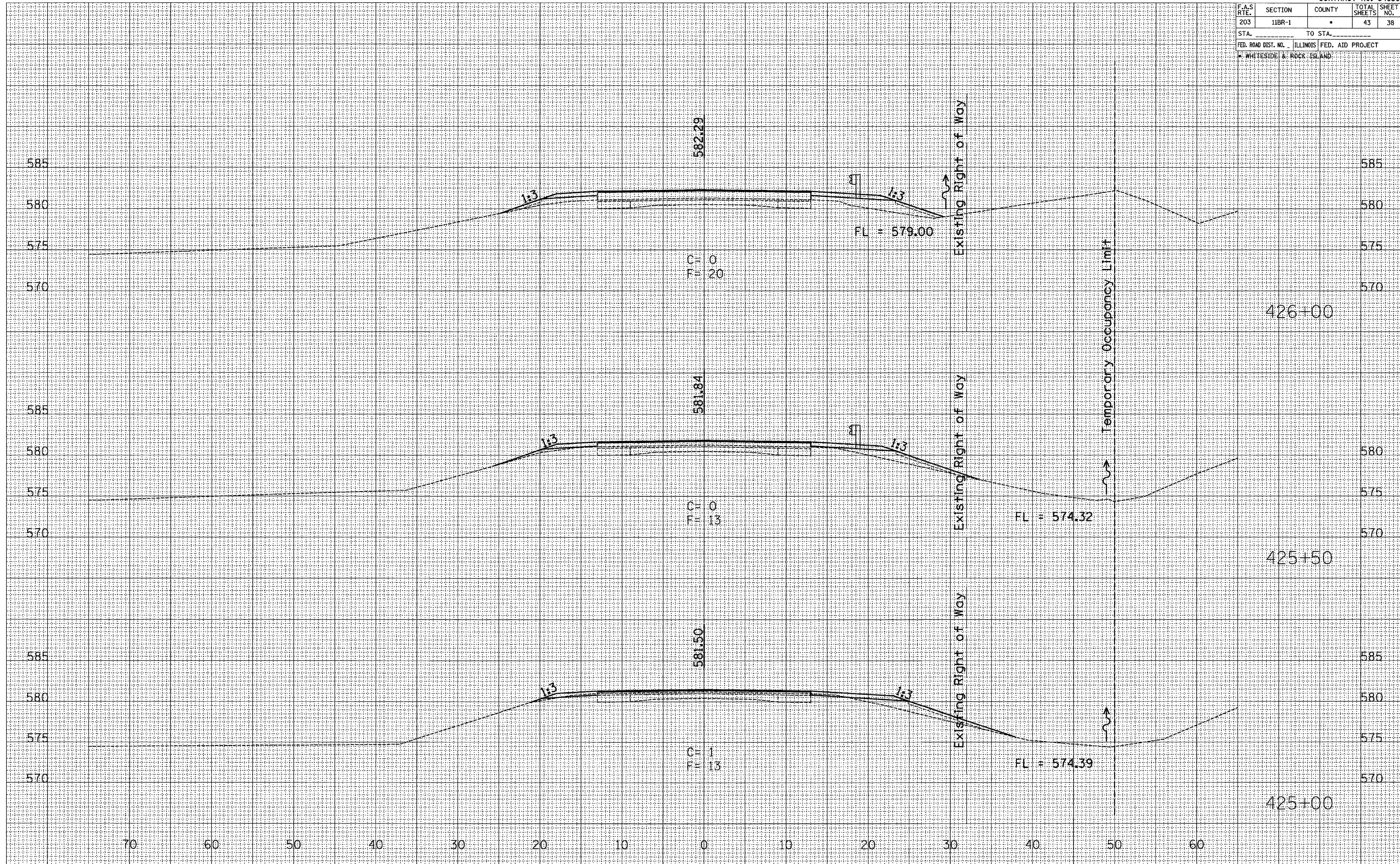
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	118R-1	*	43	37
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		
* WHITESIDE & ROCK ISLAND				

FINAL SURVEY	DATE
BY CHAMIN	7/04
PLANNED	8/04
NOTE BOOK	3/06
AREAS CHECKED	3/06
NO.	

ORIGINAL SURVEY	DATE
BY	
PLANNED	
NOTE BOOK	
AREAS CHECKED	
NO.	



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11BR-1	*	43	38
STA. _____ TO STA. _____		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
* WHITESIDE & ROCK ISLAND				



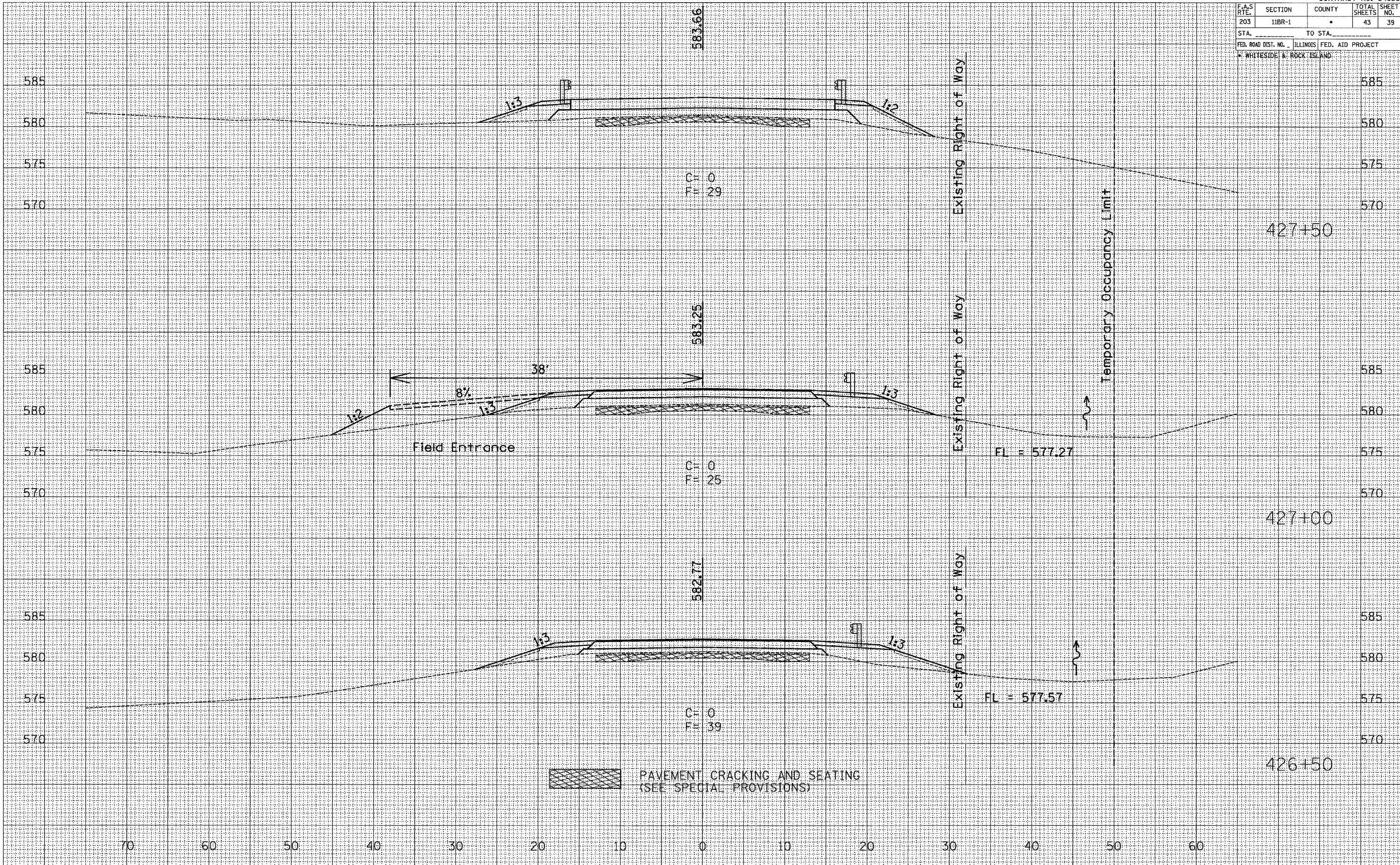
FINAL SURVEY	DATE
BY: _____	7/04
CHECKED: _____	9/04
DATE: _____	3/08
NO. _____	3/08

ORIGINAL SURVEY	DATE
BY: _____	
CHECKED: _____	
DATE: _____	
NO. _____	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11BR-1	*	43	39
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		
* WHITESIDE & ROCK ISLAND				

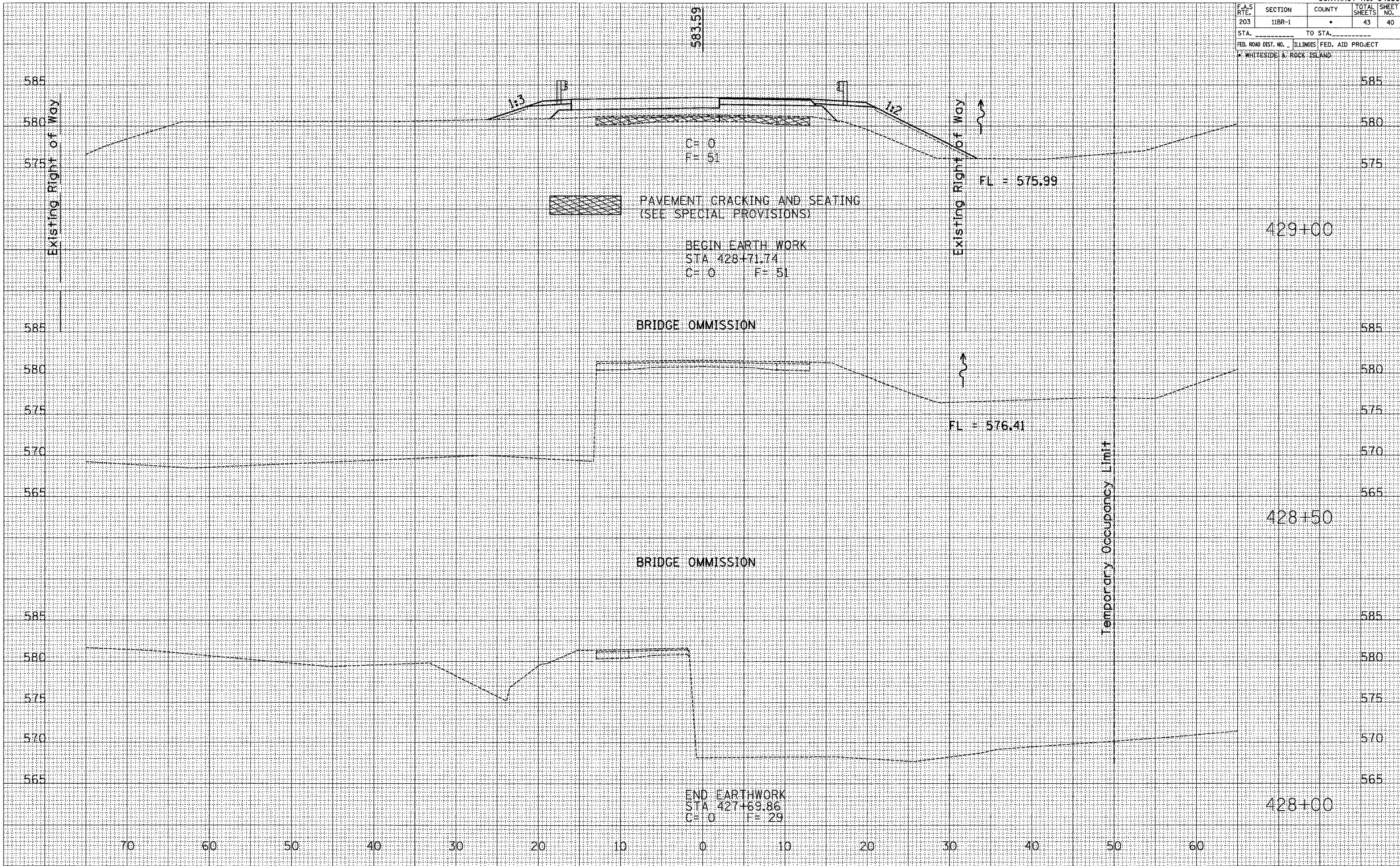
DATE	BY
2/74	LAH
9/04	KSP
2/06	WEE

DATE	BY



PAVEMENT CRACKING AND SEATING
(SEE SPECIAL PROVISIONS)

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11BR-1		43	40
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		
* WHITESIDE & ROCK ISLAND				



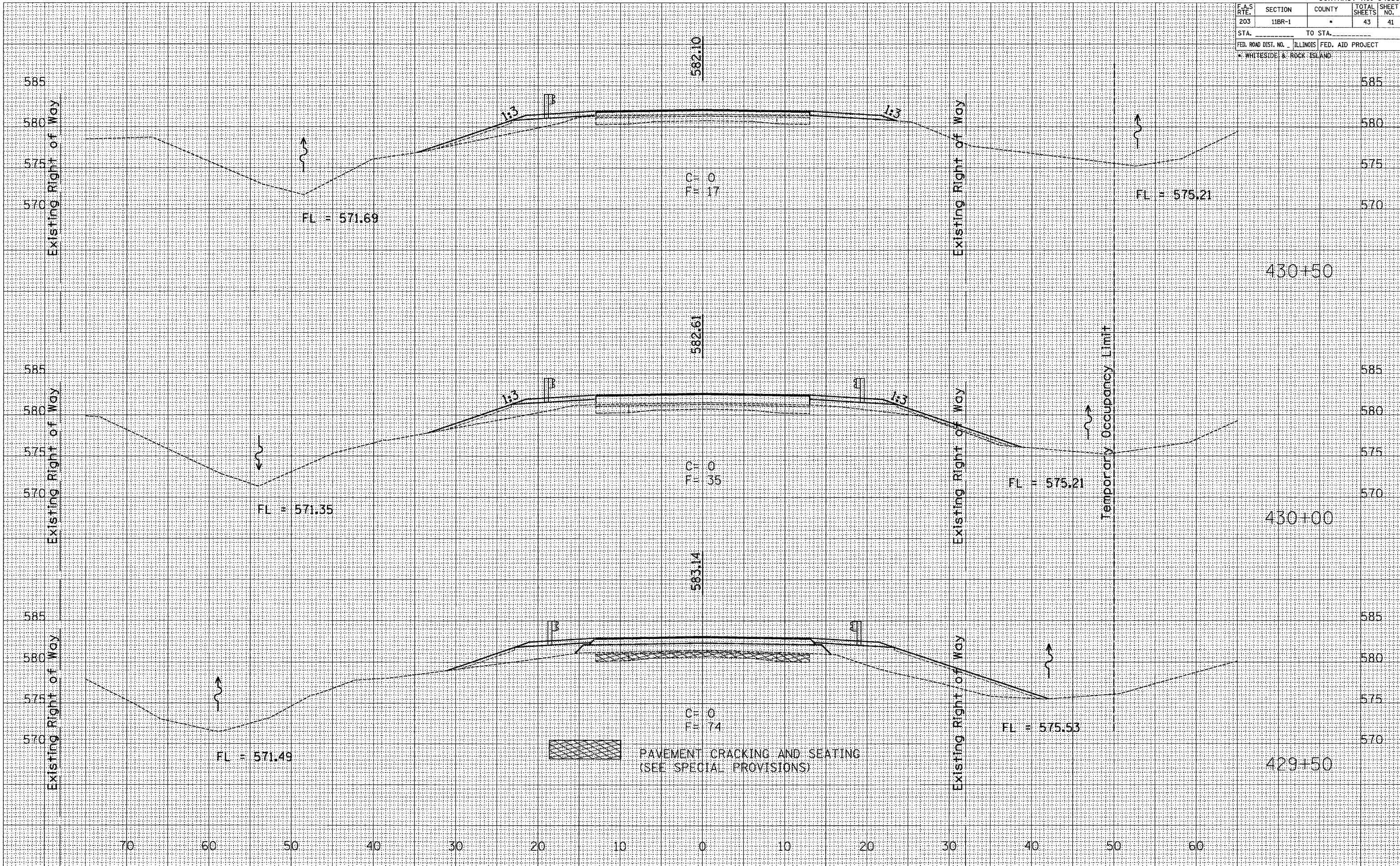
DATE	BY
3/04	SK
9/04	AB
3/06	KP
3/06	WE
NO.	AREAS CHECKED

DATE	BY
NO.	AREAS CHECKED

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11BR-1	*	43	41
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		
* WHITESIDE & ROCK ISLAND				

BY	DATE
_____	____/____/____
_____	____/____/____
_____	____/____/____
_____	____/____/____
_____	____/____/____

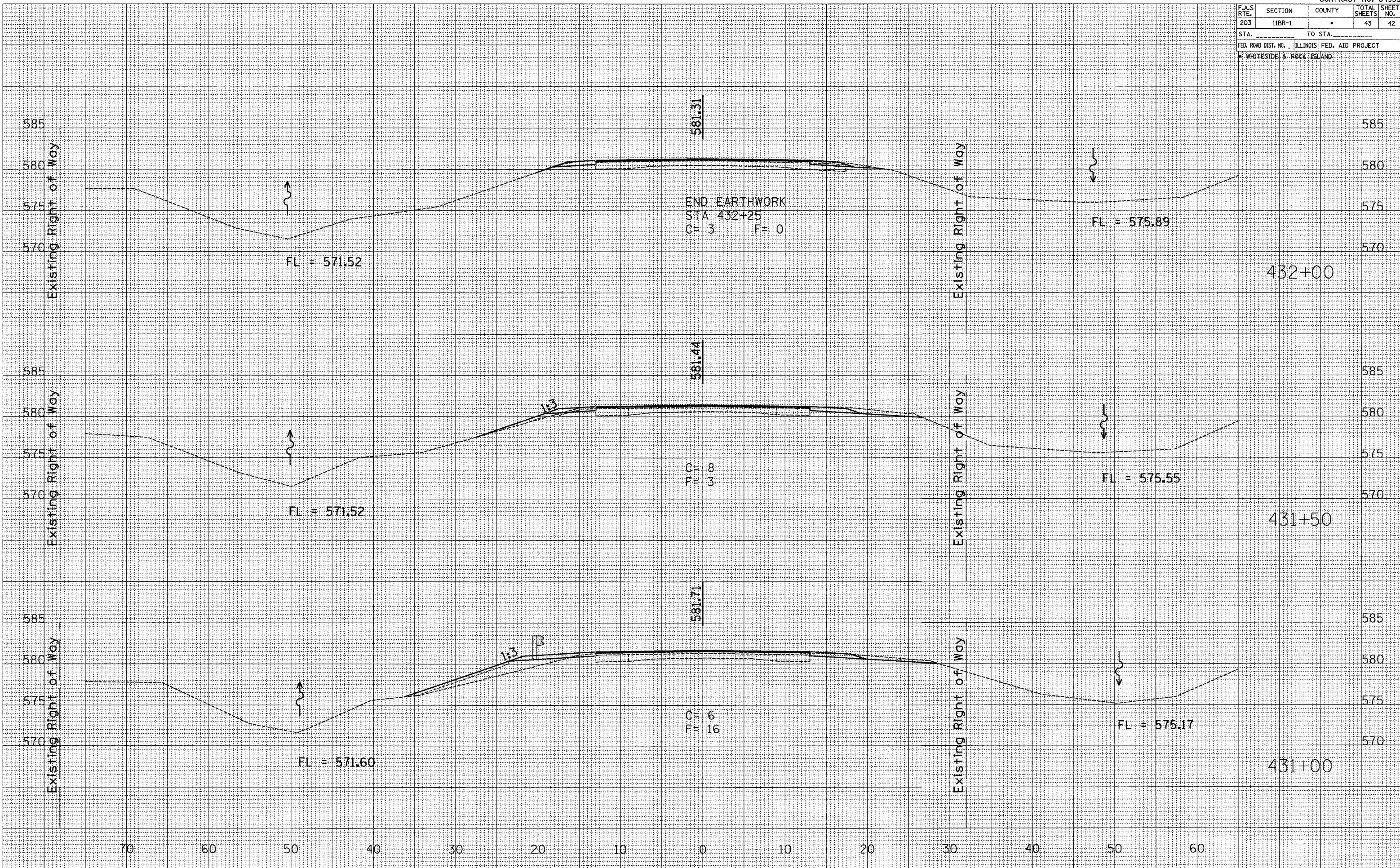
BY	DATE
_____	____/____/____
_____	____/____/____
_____	____/____/____
_____	____/____/____
_____	____/____/____



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11BR-1	*	43	42
STA. _____ TO STA. _____				
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				
* WHITESIDE & ROCK ISLAND				

BY	DATE
CHAMLIN	7/04
AS	2/04
MP	3/06

BY	DATE
ED	3/06
MP	3/06



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
203	11BR-1	*	43	43
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		
* WHITESIDE & ROCK ISLAND				

BY	DATE
_____	2/04
_____	3/04
_____	3/06

FINAL SURVEY	DATE
_____	_____
_____	_____
_____	_____

BY	DATE
_____	_____
_____	_____
_____	_____

ORIGINAL SURVEY	DATE
_____	_____
_____	_____
_____	_____

