3-6-09 Letting, Item 158

FOR INDEX OF SHEETS, SEE PAGE 2

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64	(10,12)RS-6;11RS-4;(10B)BR	PEORIA	186	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 88803		

PROJECT ENGINEER: CHRIS MAUSHARD (309) 671-3453

DESIGN BY: N. JACK /M. HUDELSON /K. HORST PH

LIST OF STANDARDS

000001-05	602026-D4	701001-02	701901-01
001001-02	602401-02	701006-03	704001-05
280001-D4	604101-01	701011-02	780001-D4
406101-D4	606101-D4	701101-02	781001-03
406301-D4	606106-D4	701106-02	BLR22-4
406401-D4	606201-D4	701301-03	BLR24-1
423001-D4	630001-08	701306-02	
440001-D4	630101-D4	701311-03	
442201-03	630301-05	701326-03	
482001-02	631011-05	701336-05	
482011-03	631031-07	701421-02	
515001-03	635006-03	701426-03	
540001-D4	635011-02	701431-05	
542301-02	635101-D4	701602-04	
602021-D4	642001-01	701701-06	
	666001-01	701901-01	

DESIGN DESIGNATION

SECTION (10B)BR
OTHER PRINCIPAL ARTERIAL
ADT (IL29) = 13,100 (2003)
PV = 12,350 (94%)
SU = 375 (3%)
MU = 375 (3%)

NPDES PERMIT REQUIRED
404/401 PERMIT REQUIRED
QC/QA CONCRETE

100' 200' 300' — 1" = 100'
0 10' 20' 30' — 1" = 10'
0 50' 100' — 1" = 50'
0 50' 100' — 1" = 40'
0 50' 100' — 1" = 30'
0 50' 100' — 1" = 20'

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. 88803

CATALOG NO. 031572-00D

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

FAP ROUTE 64 (IL 29)
SECTION (10,12)RS-6;11RS-4;(10B)BR
PEORIA COUNTY
C-94-129-96
PROJECT NO. BRF-0064(007)

R 8 E

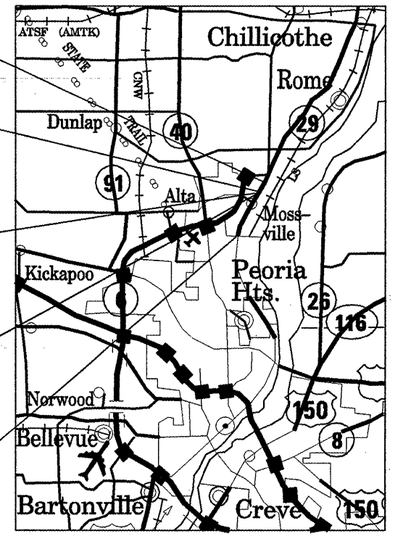
PROJECT BEGINS
IL 29
STA 54+95

PROJECT BEGINS
RELOCATED TR 103
STA 20+00.00
(IL 29 STA 71+03.48)

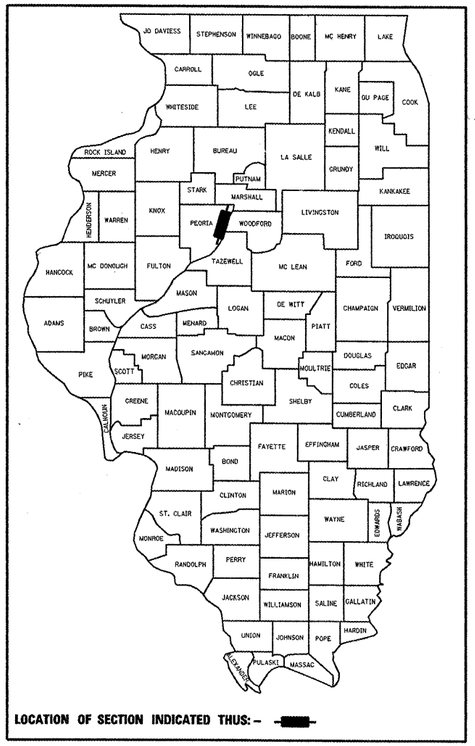
STA 80+69.50
REMOVAL OF EX SINGLE SPAN RC "T" BEAM STRUCTURE (SN 072-0017) AND REPLACE WITH PROPOSED SINGLE SPAN STEEL WIDE FLANGE STRUCTURE (SN 072-0198)

PROJECT ENDS
RELOCATED TR 103
STA 37+55.00

PROJECT ENDS
IL 29
STA 286+40



D-94-093-96



LOCATION OF SECTION INDICATED THUS: –

JOB DESCRIPTION

This project consists of relocating Township Road 103, replacing existing structure (SN 072-0017) with a proposed structure (SN 072-0198), hot-mix asphalt surface removal, polymerized leveling binder and surface, hot-mix asphalt shoulders, proposed guardrail, gutter, combination concrete curb and gutter, proposed culverts and culvert extension, center joint repair system, patching, seeding adn earthwork.

IL 29 GROSS LENGTH OF IMPROVEMENT = 23136.7 FEET = 4.38 MILES
TR 103 GROSS LENGTH OF IMPROVEMENT = 1755 FEET = 0.33 MILES
IL 29 NET LENGTH OF IMPROVEMENT = 23136.7 FEET = 4.38 MILES
TR 103 NET LENGTH OF IMPROVEMENT = 1755 FEET = 0.33 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Oct 17 2008
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

January 30 2009
ENGINEER OF DESIGN AND ENVIRONMENT

January 30, 2009
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

GENERAL NOTES

SOIL REPORT AVAILABILITY

All soils data collected and processed for the soils report made in conjunction with the design of this improvement is on file at the District Office where it is available for the inspection of Contractors or prospective bidders. By submitting a bid, the Contractor acknowledges that the Soils Report has been made available and is aware of the report contents and appendices.

AVAILABILITY OF ELECTRONIC FILES

Micro Station and GEOPAK files of this project will be made available to the Contractor. If there is a conflict between the electronic files and the printed contract plans and documents, the printed contract plans and documents shall take precedence over the electronic files. The Contractor shall accept all risk associated with using the electronic files and shall hold the Department harmless for any errors or omissions in the electronic files and the data contained therein. Errors or delays resulting from the use of the electronic files by the Contractor shall not result in an extension of time for any interim or final completion date or shall not be considered cause for additional compensation. The Contractor shall not use, share, or distribute these electronic files except for the purpose of constructing this contract. Any claims by third parties due to use or errors shall be the responsibility of the Contractor. The Contractor shall include this disclaimer with the transfer of these electronic files to any other parties and shall include appropriate language binding them to similar responsibilities.

UTILITIES – LOCATIONS /INFORMATION ON PLANS

The locations of existing water mains, gas mains, sewers, electric power lines, telephone lines and other utilities as shown on the plans are based on careful field investigation and the best information available, but they are not guaranteed. Unless elevations are shown —— all utility locations shown on the cross sections are based on the approximate depth supplied by the utility company. It shall be the Contractor's responsibility to ascertain their exact location from the utility companies and by field inspection.

TREE REMOVAL – UTILITY RELOCATION

Tree removal may be necessary prior to utility companies being able to relocate their facilities outside the construction limits. The Contractor should coordinate any contract tree removal activities with the utility companies to eliminate conflicts and potential delays caused by utility tree removal activities or incomplete utility relocations.

FILE NAME = c:\projects\i129moss\general.dgn	USER NAME = hudelsonm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES & COMMITMENTS			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					64	(10,12)RS-6;11RS-4;(10B)BR	PEORIA	186	2
	PLOT SCALE = 100.0000 ' / IN.	CHECKED -	REVISED -							CONTRACT NO. 88803		
	PLOT DATE = 10/20/2008	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

PLAN ELEVATIONS – U. S. G. S. MEAN SEA LEVEL DATUM

All elevations shown on the plans are established from U. S. G. S. mean sea level datum.

PROPERTY OWNER ACCESS REQUIREMENTS

Access must be maintained to all existing properties during construction per Article 107.09 unless arrangements are made in writing by the Contractor with the property owners with a copy to the Engineer for short–term closures.

TEMPORARY MATERIAL REQUIREMENTS – UTILITY AND DRIVEWAY CROSSINGS

Incidental hot–mix asphalt surface shall be used for all temporary side road crossings. Aggregate surface course may be used for all driveway crossings except during winter shutdown in accordance with Article 107.09.

CRITICAL PATH WORK SCHEDULE REQUIREMENT

The Contractor will submit to the Engineer a satisfactory progress schedule and critical path schedule which shall show the proposed sequence of work at the time of the pre–construction conference.

TREE REMOVAL

The District Four Tree Committee should be contacted and prior approval obtained for any tree removal beyond the limits/locations included in the plans.

EARTHWORK QUANTITIES (TYPICAL SECTIONS VS CROSS SECTIONS)

The earthwork quantities shown on the plans have been computed to agree with the details as shown on the typical sections and not to the limits shown on the cross sections.

ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run–arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

The required environmental resource documentation shall include the following:

* BDE Form 2289 (Environmental Survey Request)
* A location map showing the size limits and location of the use area
* Signed property owner agreement form–D4 P10100
* Color photographs depicting the use area
* Borrow Area Entry Agreement form–D4 P10101

Please note that a minimum of two weeks shall be allowed for the District to obtain the required environmental clearances.

AGGREGATE SURFACE COURSE, TYPE B

Aggregate Surface Course, Type B shall be required for all granular construction of side roads, entrances, and mailbox turnouts, whether or not portions of the surfaces thus constructed are to be covered with a bituminous surface, except where noted differently on the plans.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

ORDERING LENGTH CONFIRMATION – DRAINAGE ITEMS

The Contractor shall consult with the Engineer in regard to the exact length of the box/pipe culverts, storm sewers, and/or pipe drains required prior to ordering these items.

EXISTING DRAINAGE PIPES CONNECTED TO NEW STRUCTURES

In accordance with Section 602 of the Standard Specifications, the connecting of existing drain tiles, pipe culverts, or storm sewers to the proposed drainage system structures will not be paid for separately but shall be considered as included in the pay items provided.

TAPER REMOVAL @ FRAME & GRATES ADJUSTED BY OTHERS

At locations where frames and grates have previously been adjusted by others and they are surrounded by hot–mix asphalt tapers, the Contractor for this contract shall remove and dispose of the hot–mix asphalt taper material prior to the placement of the hot–mix asphalt surface course. This work will not be paid for separately, but will be considered as included in the cost of the HOT–MIX ASPHALT SURFACE COURSE pay item.

TRANSITION PAYMENT METHOD – NEW/OLD CONSTRUCTION

Three meter (10 ft.)(3m) transitions shall be used to match proposed items of work to existing items in the field unless otherwise shown. The transition shall be paid for at the contract unit price for the proposed item of work specified.

ABANDONED UTILITIES

Abandoned underground utilities that conflict with the construction shall be disposed of outside the limits of Right–of–Way according to Article 202.03 of the Standard Specifications and as directed by the Engineer. This work will not be paid for separately but shall be considered included in the contract unit bid price for Earth Excavation. No additional compensation will be allowed.

AGGREGATE FOR DRIVEWAY REPLACEMENT

The material used for construction of permanent aggregate driveways shall be gravel or crushed stone as directed by the Engineer, to replace in kind the existing aggregate driveways.

No additional compensation shall be provided for this requirement but shall be considered as included in the cost of the pay item for the aggregate as specified on the plans.

PAVEMENT STATIONING NUMBERS & PLACEMENT

The Contractor shall provide labor and materials required to imprint pavement station numbers in the finished surface of the pavement and/or overlay. The numbers shall be approximately 3/4 inch (20mm) wide, 5 inches (125 mm) high and 5/8 inch (15 mm) deep.

The pavement station numbers shall be installed as specified herein:

Interval – 200 feet (English stationing) or 100 meters (metric stationing)

Bottom of Numbers – 6 inches (150 mm) from the inside edge of the pavement marking

Location:

* 2,3, & 5 Lane Pavements – right edge of pavement in direction of increasing stations
* Multi–Lane Divided Roadways – outside edge of pavement in both directions
* Ramps – along baseline edge of pavement

Position – stations shall be placed so they can be read from the adjacent shoulder

Format – English (Metric) pavement stations shall use this format "XXX (XX+X00)" where X represents the pavement station

This work will not be paid for separately, but will be considered included in the cost of the associated pavement and/or overlay pay items.

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GENERAL NOTES

PAVING SURFACE COURSE

Continuous paving operations on the main roadway shall be maintained at all times during the construction of the hot–mix asphalt surface. No interruptions for side roads, entrances, turn lanes, etc. will be allowed.

ENGINEERS FIELD OFFICE

Add the following sentence to the end of paragraph 670.02 {i} and 670.04 {e):
All of the telephone lines provided shall have unpublished numbers.

JOB SPECIFIC NOTES

Sequence of operations shall be 1.5" Hot–Mix Asphalt Surface Removal first, then milling for Center Joint Repair System.

COMMITMENTS

FIELD/RESIDENT ENGINEER SHALL CONTACT STUDIES & PLANS CONCERNING ANY MAJOR PLAN CHANGE TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN & ALLOW AN IMPROVED DESIGN FOR FUTURE PROJECTS.

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

ALL DISTURBED AREAS OF EXISTING VEGETATION AND/OR TREE REMOVAL SHALL BE REESTABLISHED IN ACCORDANCE WITH THE "DISTRICT 4 REVEGETATION PLAN FOR BRIDGE RECONSTRUCTION CONTRACTS," OR DEPARTMENTAL POLICY LEN–14 (POLICY ON REMOVAL AND REPLACEMENT OF TREES).

THE CONTRACTOR MUST MEET THE REQUIREMENTS UNDER THE 404 PERMITS FOR EROSION AND SEDIMENT CONTROL FOR IN–STREAM WORK ISSUED BE THE U.S. ARMY CORPS OF ENGINEERS. THE PERMITS EXPIRE .

CONTACT THE TRAFFIC OPERATIONS ENGINEER AT (309) 671–4466 FOR PERMANENT ROADWAY PAVEMENT MARKING AFTER CONSTRUCTION.

LETTER OF UNDERSTANDING WITH MEDINA TOWNSHIP

CONSTRUCTION AGREEMENT WITH IOWA INTERSTATE RAILROAD

404/401 PERMIT REQUIRED

NPDES PERMIT REQUIRED

HOT–MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s):	Mainline Surface Course	Mainline Leveling Binder	Binder Course & Lower Lifts of Shoulders	Incidental Bit. Surface & Surface Lift of Shoulders	TR 103 Surface Course
AC/PC:	SBS or SBR PG 70–22	SBS or SBR PG 70–22	PG 64–22	PG 64–22	PG 64–22
RAP % (Max)**:	10%	0%	15%	15%	15%
Design Air Voids:	4.0% @ N=70	2.5% @ N=50	4.0% @ N=70	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Gradation Mixture)	IL 9.5 or IL 12.5	IL 4.75	IL 19.0	IL 9.5 or IL 12.5	IL 9.5 or IL 12.5
Friction Aggregate:	Mixture D	N.A.	N.A.	Mixture D	Mixture D

** If the RAP option is selected, the asphalt cement grade may need to be adjusted; this will be determined by the Materials Engineer.

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STATE OF ILLINOIS
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FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STATUS OF UTILITIES

AmerenCILCO - Gas
300 Liberty Street
Peoria, IL 61602

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
IL 29	60' Lt	Sta 78+41 +/-	2" Gas Main	Ditch Cut/ Remove Road	Relocate
TR 103	43' Lt	Sta 32+50 +/-	2" Gas Main	Ditch Cut	Relocate
TR 103B	28.6' Lt	Sta 11+00+/- to 11+25 +/-	8" Gas Main	Ditch Cut	Relocate

AmerenCILCO
300 Liberty Street
Peoria, IL 61602

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
TR 103	10' Rt	Sta 25+10 +/-	Power Pole	Ditch Cut	Relocate
TR 103	18' Rt	Sta 27+05 +/-	Power Pole	Ditch Cut	Relocate
TR 103	18' Rt	Sta 78+98 +/-	Power Pole	Ditch Cut	Relocate

Verizon North, Inc.
111 South Main Street
Kewanee, IL 61443

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
IL 29	43' Rt	Sta 84+73 +/-	Buried Telephone	Box Culvetr Extension	Caution
State St.	20' Lt	Sta 11+50 +/-	Buried Telephone	Ditch Cut	Caution

Caterpillar
IL 29 V V Dock 55
Mossville, IL 61552

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
IL 29	50' Lt	Sta 78+41 +/-	Fiber Optic	Ditch Cut	Caution
IL 29	50' Lt	Sta 84+73 +/-	Fiber Optic	Pipe Culvert Extension	Caution
IL 29	50' Lt	Sta 79+00 to 86+00	Fiber Optic	Guardrail	Caution

Illinois-American Water Co.
123 S.W. Washington
Peoria, IL 61602

Route	Offset	Location	Type of Utility	Type of Conflict	Disposition
IL 29	60' Rt	Sta 84+73 +/-	12" Water Main	Box Culvert/Rip Rap	Caution

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STATUS OF UTILITIES

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SUMMARY OF QUANTITIES

	CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE: ROADWAY 80-20 FD/ST PEORIA CO. 1000	CONSTRUCTION TYPE CODE: STRUCTURE 80-20 FD/ST PEORIA CO. X071-2A	
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	90	90		
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	434	434		
	20100500	TREE REMOVAL, ACRES	ACRE	0.07	0.07		
	20200100	EARTH EXCAVATION	CU YD	13139	13139		
•	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	44	44		
	20700110	POROUS GRANULAR EMBANKMENT	TON	69	69		
	20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	211		211	
	20800150	TRENCH BACKFILL	CU YD	89	89		
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	44	44		
*	21101615	TOP SOIL FURNISH AND PLACE, 4"	SQ YD	11543	11543		
*	25000200	SEEDING, CLASS 2	ACRE	2.4	2.4		
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	215	215		
*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	215	215		
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	215	215		
*	25000700	AGRICULTURAL GROUND LIMESTONE	TON	4.8	4.8		
*	25100115	MULCH, METHOD 2	ACRE	2.4	2.4		
*	25100630	EROSION CONTROL BLANKET	SQ YD	930	930		
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	239	239		
	28000300	TEMPORARY DITCH CHECKS	EACH	18	18		
	28000400	PERIMETER EROSION BARRIER	FOOT	10180	10180		
	28000500	INLET AND PIPE PROTECTION	EACH	14	14		
	28100107	STONE RIPRAP, CLASS A4	SQ YD	820	225	595	
	28200200	FILTER FABRIC	SQ YD	820	225	595	
	31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	2644	2644		
	31100910	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	2352	2352		
	35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	4411	4411		
	40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	28	28		
	40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	79	79		
	40600300	AGGREGATE (PRIME COAT)	TON	447	447		
	40600895	CONSTRUCTING TEST STRIP	EACH	2	2		
	40600982	HOT - MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1686	1686		
	40600990	TEMPORARY RAMP	SQ YD	654	654		
	40603085	HOT - MIX ASPHALT BINDER COURSE, IL - 19.0, N70	SQ YD	6710	6710		

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE: ROADWAY 80-20 FD/ST PEORIA CO. 1000	CONSTRUCTION TYPE CODE: STRUCTURE 80-20 FD/ST PEORIA CO. X071-2A	
40603335	HOT MIX - ASPHALT SURFACE COURSE, MIX "D ", N50	TON	682	682		
40603540	POLYMERIZED HOT - MIX ASPHALT SURFACE CO URSE, MIX "D", N70	TON	13125	13125		
40800050	INCIDENTAL HOT - MIX ASPHALT SURFACING	TON	78	78		
42001165	BRIDGE APPROACH PAVEMENT	SQ YD	560	560		
42001200	PAVEMENT FABRIC	SQ YD	156	156		
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ YD	88	88		
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	730	730		
44000100	PAVEMENT REMOVAL	SQ YD	861	861		
44000152	HOT - MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	1062	1062		
44000155	HOT - MIX ASPHALT SURFACE REMOVAL, 1 1/2 "	SQ YD	129346	129346		
44000157	HOT - MIX ASPHALT SURFACE REMOVAL, 2 "	SQ YD	3407	3407		
44000198	HOT - MIX ASPHALT SURFACE REMOVAL, VARIA BLE DEPTH	SQ YD	12691	12691		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	574	574		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	290	290		
44004250	PAVED SHOULDER REMOVAL	SQ YD	1468	1468		
44201863	CLASS D PATCHES, TYPE II, 18 INCH	SQ YD	7358	7358		
44201867	CLASS D PATCHES, TYPE III, 18 INCH	SQ YD	354	354		
44201869	CLASS D PATCHES, TYPE IV, 18 INCH	SQ YD	422	422		
48101200	AGGREGATE SHOULDERS, TYPE B	TON	87	87		
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	10770	10770		
48203029	HOT - MIX ASPHALT SHOULDERS, 8"	SQ YD	22784	22784		
48203100	HOT - MIX ASPHALT SHOULDERS	TON	678	678		
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1	
50102400	CONCRETE REMOVAL	CU YD	3	3		
50105220	PIPE CULVERT REMOVAL	FOOT	236	236		
50200100	STRUCTURE EXCAVATION	CU YD	374		374	
50300100	FLOOR DRAINS	EACH	16	8	8	
50300225	CONCRETE STRUCTURES	CU YD	67.4		67.4	
50300255	CONCRETE SUPER STRUCTURES	CU YD	225.4		225.4	
50300260	BRIDGE DECK GROOVING	SQ YD	692		692	
50300280	CONCRETE ENCASEMENT	CU YD	10.6		10.6	

• Specialty Item

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SUMMARY OF QUANTITIES

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(10,12)RS-6(11)RS-4(10B)BR	PEORIA	186	7
		CONTRACT NO. 88803		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE: ROADWAY 80-20 FD/ST PEORIA CO. 1000	CONSTRUCTION TYPE CODE: STRUCTURE 80-20 FD/ST PEORIA CO. X071-2A	
50300300	PROTECTIVE COAT	SQ YD	771		771	
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		1	
50500505	STUD SHEAR CONNECTORS	EACH	3105		3105	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	52150	1620	50530	
50800515	BAR SPLICERS	EACH	411		411	
51201600	FURNISHING STEEL PILES HP12X53	FOOT	1442		1442	
51202305	DRIVING PILES	FOOT	1442		1442	
51203600	TEST PILE STEEL HP12X53	EACH	2		2	
51205200	TEMPORARY SHEET PILING	SQ FT	1049		1049	
51300105	TEMPORARY BRIDGE COMPLETE	EACH	1		1	
51500100	NAME PLATES	EACH	1		1	
52100520	ANCHOR BOLTS, 1"	EACH	60		60	
54003000	CONCRETE BOX CULVERTS	CU YD	12.9	12.9		
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	77	77		
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	104	104		
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	102	102		
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	100	100		
542A5473	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	80	80		
54200643	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 18"	FOOT	46	46		
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	7	7		
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	6	6		
54214503	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 18"	EACH	1	1		
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	114		114	
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	235		235	
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		
60236600	INLETS, TYPE A, TYPE 9 FRAME AND GRATE	EACH	1	1		
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	1	1		
60240400	INLETS, TYPE B, SPECIAL, WITH FRAME AND GRATE	EACH	1	1		
60246605	MEDIAN INLET (604101)	EACH	1	1		
60500060	REMOVING INLETS	EACH	6	6		
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	10.7	10.7		

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE: ROADWAY 80-20 FD/ST PEORIA CO. 1000	CONSTRUCTION TYPE CODE: STRUCTURE 80-20 FD/ST PEORIA CO. X071-2A	
60602600	CONCRETE GUTTER, TYPE A (MODIFIED)	FOOT	65	65		
60602900	CONCRETE GUTTER, TYPE B (MODIFIED)	FOOT	362	362		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	500	500		
• 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	2325	2325		
• 63000025	STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES	FOOT	100	100		
• 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	9	9		
• 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	3	3		
• 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	13	13		
63200305	STEEL PLATE BEAM GUARD RAIL REMOVAL	FOOT	1398	1398		
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	1	1		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	9		
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	9	9		
67100100	MOBILIZATION	L SUM	1	1		
70100400	TRAFFIC CONTROL AND PROTECTION, STANDARD 701431	EACH	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1		
70101835	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	L SUM	1	1		
70102632	TRAFFIC CONTROL & PROTECTION, STANDARD 701602	L SUM	1	1		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	20		20	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	9		9	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	21382	21382		
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	2746	2746		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	109960	109960		
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	12249	12249		
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	59	59		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	54	54		

• Specialty Item

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	PLOT DATE = 10/20/2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(10,12)RS-6;11RS-4(10B)BR	PEORIA	186	8
		CONTRACT NO. 88803		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE: ROADWAY 80-20 FD/ST PEORIA CO. 1000	CONSTRUCTION TYPE CODE: STRUCTURE 80-20 FD/ST PEORIA CO. X071-2A	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	123	123		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	12485	12485		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2600	2600		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2600	2600		
• 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	2746	2746		
• 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	109960	109960		
• 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	59	59		
• 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	54	54		
• 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	123	123		
78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	12249	12249		
• 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1436	1436		
• 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	4	4		
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	56	56		
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	13	13		
78300100	PAVEMENT MARKING REMOVAL	SQ FT	7249	7249		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1337	1337		
• 88600100	DETECTOR LOOP, TYPE I	FOOT	144	144		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
Z0023600	FILLING EXISTING CULVERTS	EACH	3	3		
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIR ECTIVE), TEST LEVEL 3	EACH	2	2		
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON- REDIR ECTIVE), TEST LEVEL 3	EACH	2	2		
Z0054500	ROCK FILL	TON	69	69		
O Z0076600	TRAINEES	HOUR	500	500		
XX007026	FENCE REMOVAL AND REINSTALLATION	FOOT	40	40		
X0301512	GUARDRAIL AGGREGATE EROSION CONTROL	TON	493.9	493.9		
X0320614	CENTER JOINT REPAIR SYSTEM	FOOT	25673	25673		
X0322729	MATERIAL TRANSFER DEVICE	TON	10,004	10,004		
X0329833	GRATING FOR BOX CULVERT WITH WINGWALLS	EACH	6	6		
□ X2503100	MOWING	UNIT	205	205		

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE: ROADWAY 80-20 FD/ST PEORIA CO. 1000	CONSTRUCTION TYPE CODE: STRUCTURE 80-20 FD/ST PEORIA CO. X071-2A	
X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	6104	6104		
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1		

• Specialty Item O Y080 □ NON-PARTICIPATING

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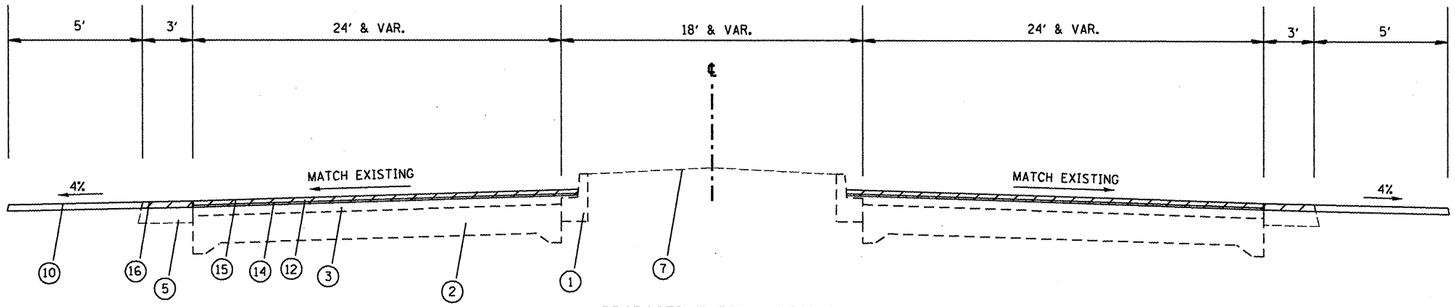
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

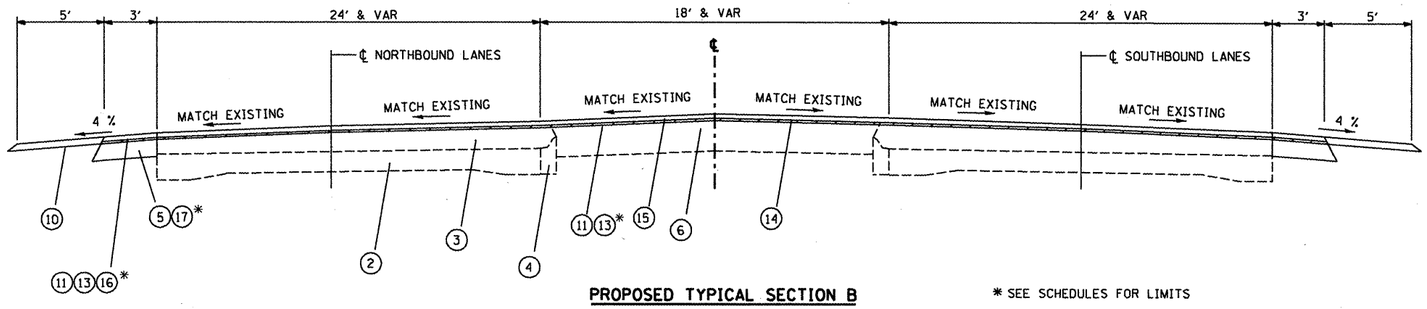
SUMMARY OF QUANTITIES

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(10,12)RS-6;(1)RS-4;(10B)BR	PEORIA	186	9
		CONTRACT NO. 88803		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PROPOSED TYPICAL SECTION A

STA. 54+95 TO 59+87



PROPOSED TYPICAL SECTION B

* SEE SCHEDULES FOR LIMITS

STA. 59+87 TO 61+50

LEGEND

(1) EX COMBINATION CONCRETE CURB AND GUTTER
(2) EX PCC PAVEMENT
(3) EX HMA OVERLAYS
(4) EX COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.04
(5) EX HMA SHOULDER
(6) EX HMA BASE COURSE
(7) EX GRASS MEDIAN
(10) PR AGGREGATE SHOULDERS, TYPE B
(11) PR HMA SURFACE REMOVAL, 3/4"
(12) PR HMA SURFACE REMOVAL, 2"
(13) PR HMA SURFACE REMOVAL, VARIABLE DEPTH
(14) PR POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75 N50 3/4"
(15) PR POLYMERIZED HMA SURFACE COURSE, MIX "D", N70 1 1/2"
(16) PR HMA SHOULDERS
(17) PR HMA SHOULDERS, 8"

• (10,12)RS-6;11RS-4;(10B)BR

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	PLOT DATE = 10/28/2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
IL 29 STA. 54+65 TO STA. 61+50

SCALE: NONE | SHEET NO. __ OF __ SHEETS | STA. _____ TO STA. _____

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	-	PEORIA	186	10

CONTRACT NO. 88803

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

EARTH EXCAVATION	
STA. TO STA.	CU. YD.
60+52 TO 61+50 LT	7
60+57 TO 61+50 RT	7
TOTAL	14

TEMPORARY RAMP	
LOCATION	SQ. YD.
STA. 54+65	64
TOTAL	64

AGGREGATE SHOULDERS, TY B	
STA. TO STA.	TONS
54+65 TO 61+50	87
TOTAL	87

HMA SHOULDERS, 8"	
STA. TO STA.	SQ. YD.
60+52 TO 61+50 LT	33
60+57 TO 61+50 RT	31
TOTAL	64

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE		
STA. TO STA.	RAISED REFLECTIVE PAVEMENT MARKER (EACH)	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (EACH)
54+65 TO 61+50	51	51
TOTALS	51	51

MOWING	
STA. TO STA.	UNIT
54+65 TO 61+50	7
TOTAL	7

DETECTOR LOOP, TYPE 1	
LOCATION	FOOT
STA. 57+41 LT	144
TOTAL	144

PAVEMENT MARKING SCHEDULE							
STA. TO STA.	SHORT-TERM PAVEMENT MARKING (FOOT)	WORK ZONE PAVEMENT MARKING REMOVAL (SQ FT)	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SQ FT)	THERMOPLASTIC PAVEMENT MARKING -LINE 4" (FOOT)	PREFORMED PLASTIC PAVEMENT MARKING, TY B -LINE 6" (FOOT)	THERMOPLASTIC PAVEMENT MARKING -LINE 8" (FOOT)	THERMOPLASTIC PAVEMENT MARKING -LINE 12" (FOOT)
54+65 TO 61+50	708	236	32	3066	360	59	54
TOTALS	708	236	32	3066	360	59	54

TABULATION OF RESURFACING QUANTITIES

LOCATION	PAVEMENT AREA	SHOULDER AREA	HMA SURF REM - BUTT JOINT	HMA SURF REM, 2"	HMA SURF REM, VAR DEPTH	HMA SURF REM, 3/4"	BIT MTRLS (PRIME COAT)	AGG (PRIME COAT)	POLY LEV BNDR (MM), IL-4.75, N50	POLY HMA SURF CSE, MIX "D", N70	HMA SHOULDERS
(STA. TO STA.)	(SQ. YD.)	(SQ. YD.)	(SQ. YD.)	(SQ. YD.)	(SQ. YD.)	(SQ. YD.)	(TON)	(TON)	(TON)	(TON)	(TON)
54+65 TO 54+95	224	23	248				0.1	0.7	9.4	18.9	2.9
54+95 TO 59+87	3028	379		3407			1.7	9.8	127.2	254.4	47.7
59+87 TO 60+12	185	17			202		0.1	0.6	7.8	15.5	2.1
60+12 TO 61+50	1034	28				1062	0.5	3.2	43.4	86.8	3.6
TOTALS	4471	447	248	3407	202	1062	3	14	188	376	56

APPLICATION RATES USED TO CALCULATE PLAN QUANTITIES FROM STA. 54+65 TO STA. 61+50

ITEM	APPLICATION RATE
BITUMINOUS MATERIALS (PRIME COAT)	0.0004 TON / SQ. YD. (ON MILLED SURFACE) 0.00012 TON / SQ. YD. (ON NEW BINDER)
AGGREGATE (PRIME COAT)	0.002 TON / SQ. YD. (ON MILLED SURFACE) 0.001 TON / SQ. YD. (ON NEW BINDER)
HMA SURFACE, LEVELING BINDER, AND SHOULDERS	112 LBS. / SQ. YD. PER INCH OF THICKNESS
AGGREGATE SHOULDERS	2.05 TON / CU. YD.

• (10,12)RS-6;11RS-4(10B)BR

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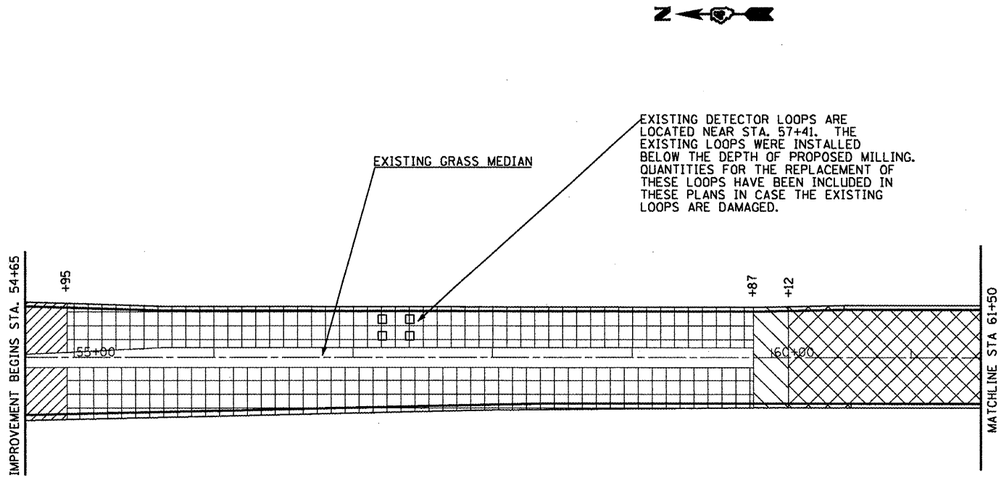
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
IL 29 STA. 54+65 TO STA. 61+50

SCALE: NONE | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	_____	PEORIA	186	11
		CONTRACT NO. 88803		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



LEGEND

HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT

HOT-MIX ASPHALT SURFACE REMOVAL, 2"

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"

0 50 100
SCALE

*(10,12)RS-6;11RS-4;(10B)BR

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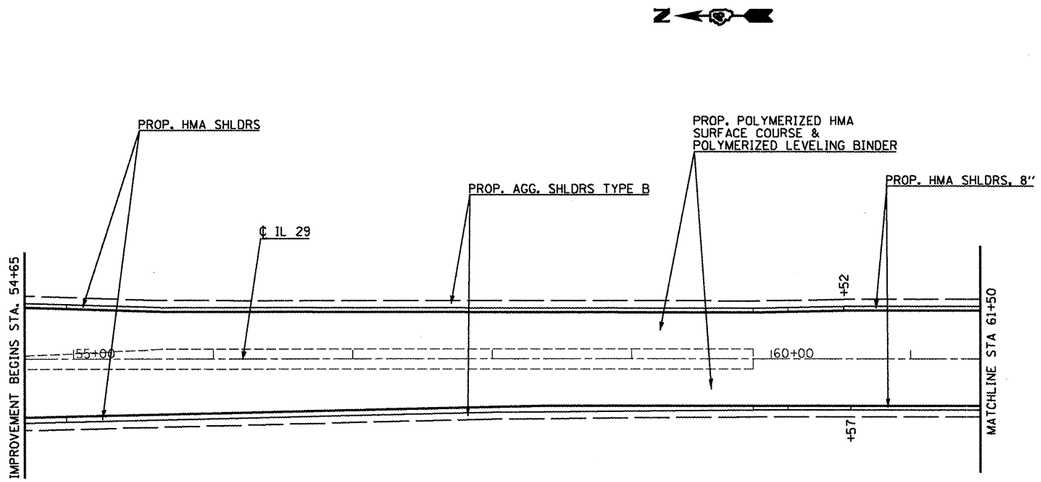
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING & REMOVAL
IL 29 STA. 54+65 TO STA. 61+50

SCALE: | SHEET NO. OF SHEETS | STA. 54+65 | TO STA. 61+50

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	186	12
		CONTRACT NO. 88803		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



0 50 100
SCALE

•(10,12)RS-6;11RS-4;(10B)BR

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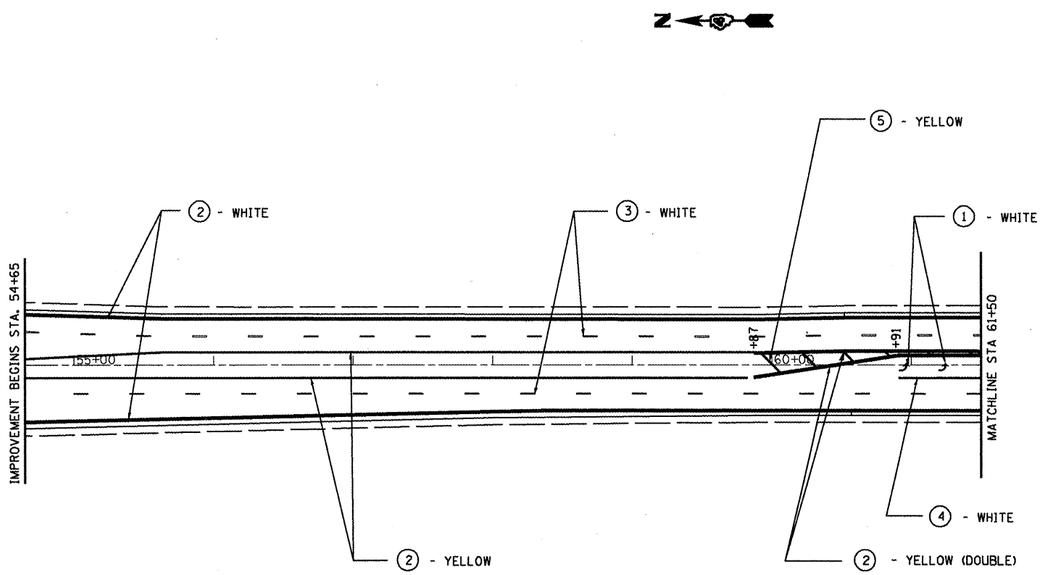
		DRAWN - JGJ	REVISED -			64	•	PEORIA	186	13
	PLOT SCALE = 100.0000 ' / IN.	CHECKED - KJH	REVISED -					CONTRACT NO. 88803		
	PLOT DATE = 10/20/2008	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. 54+65 TO STA. 61+50	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND
(1) THERMOPLASTIC PAVEMENT MARKING-LETTERS AND SYMBOLS
(2) THERMOPLASTIC PAVEMENT MARKING-LINE 4"
(3) THERMOPLASTIC PAVEMENT MARKING-LINE 6"
(4) THERMOPLASTIC PAVEMENT MARKING-LINE 8"
(5) THERMOPLASTIC PAVEMENT MARKING-LINE 12"

0 50 100
SCALE

•(10,12)RS-6;(1)RS-4;(10B)BR

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	PLOT DATE = 10/20/2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKING PLAN
IL 29 STA. 54+65 TO STA. 61+50

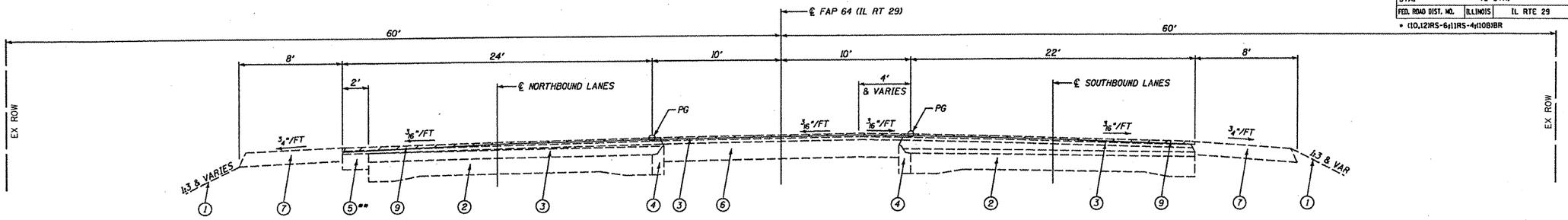
SCALE: | SHEET NO. OF SHEETS | STA. 54+65 | TO STA. 61+50

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	•	PEORIA	186	14
		CONTRACT NO. 88803		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT No. 88803

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	186	15
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		

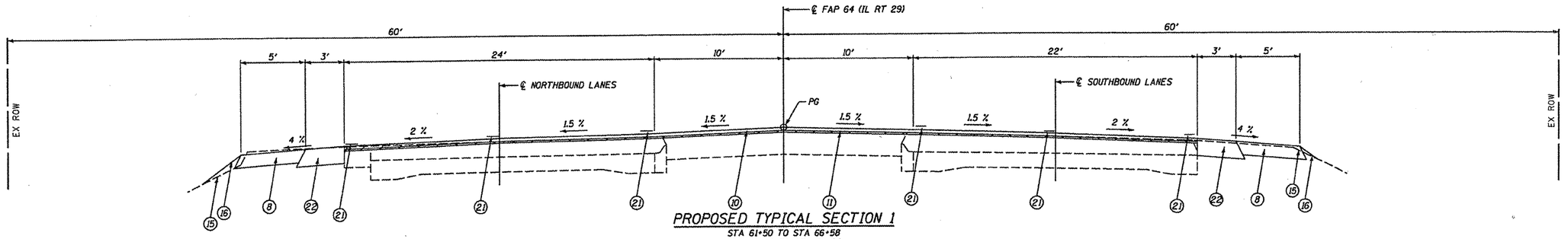
* (10,12)RS-6(11)RS-4(10B)BR



EXISTING TYPICAL SECTION 1

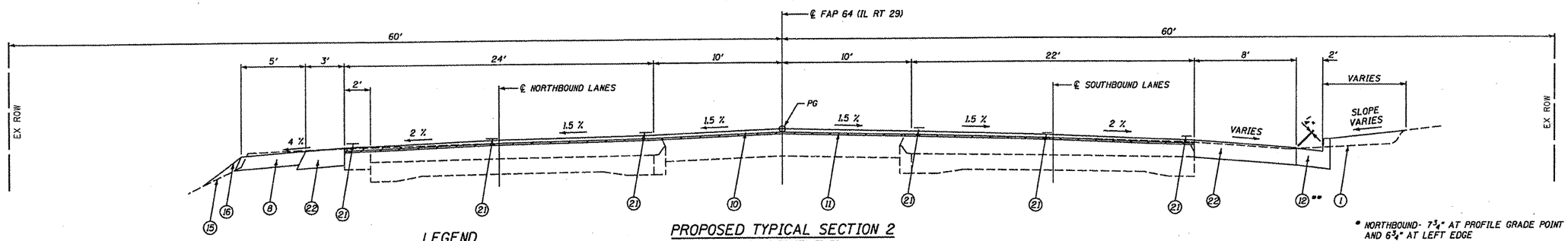
STA 61+50 TO STA 66+58
STA 70+40 TO STA 80+42
EX BRIDGE (STA 80+42 TO STA 80+97)
STA 80+97 TO STA 88+89
STA 91+82.31 TO STA 64+20 (NO WORK TO BE DONE)

** TO BE REMOVED - STA. 76+50 TO STA. 80+42
STA. 80+97 TO STA. 86+00



PROPOSED TYPICAL SECTION 1

STA 61+50 TO STA 66+58
STA 70+40 TO STA 74+60
STA 86+00 TO STA 88+89



PROPOSED TYPICAL SECTION 2

STA 74+60 TO STA 76+50

* NORTHBOUND- $7\frac{3}{4}$" AT PROFILE GRADE POINT AND $6\frac{3}{4}$" AT LEFT EDGE

SOUTHBOUND - 9" AT PROFILE GRADE POINT AND 7" AT RIGHT EDGE

** C&G BEGINS AT STA 75+00 SEE SHEET 38 OF 146 FOR DETAILS

LEGEND

1. EX GROUND LINE
2. EX PCC PAVEMENT 7" (9" AT EDGES)
3. EX HMA OVERLAYS $7\frac{3}{4}$" TO 9" *
4. EX COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.04
5. EX HMA SHOULDER 6"
6. EX HMA BASE COURSE 8"
7. EX AGGREGATE SHOULDER 6"
8. PR AGGREGATE SHOULDERS, TYPE B 4" (TYP)
9. PR HMA SURFACE REMOVAL (VARIABLE DEPTH)
10. PR POLYMERIZED HMA SURFACE COURSE, MIX "D", N70 $1\frac{1}{2}$"
11. PR POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75 N50 $\frac{3}{4}$"
12. PR COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
13. PR GUARDRAIL AGGREGATE EROSION CONTROL
14. PR SUB BASE GRANULAR MATERIAL, TYPE A 12"
15. PR FILL AREA
16. PR TOPSOIL FURNISH AND PLACE 4"
17. PR HMA BINDER COURSE, IL-19.0, N70, VAR. DEPTH (1" TO 1.78")
18. PR STEEL PLATE BEAM GUARD RAIL, TYPE A OR TRAFFIC BARRIER TERMINAL, TYPE 6 OR TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)
19. PR SEEDING, CLASS 2A
20. PR MULCH, METHOD 2 - USE PROCEDURES 1 & 2 ONLY
21. PR PAVEMENT MARKING
22. PR HMA SHOULDERS 8"
23. PR EARTH EXCAVATION
24. PR AGGREGATE BASE COURSE, TY A 8"
25. PR HMA SURFACE COURSE, MIX "D", N50 $3\frac{1}{2}$"
26. PR SUB-BASE GRANULAR MATERIAL, TY A 4"
27. PR HMA BINDER COURSE, IL - 19.0, N70, $11\frac{3}{4}$"

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Engineers/Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002703

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

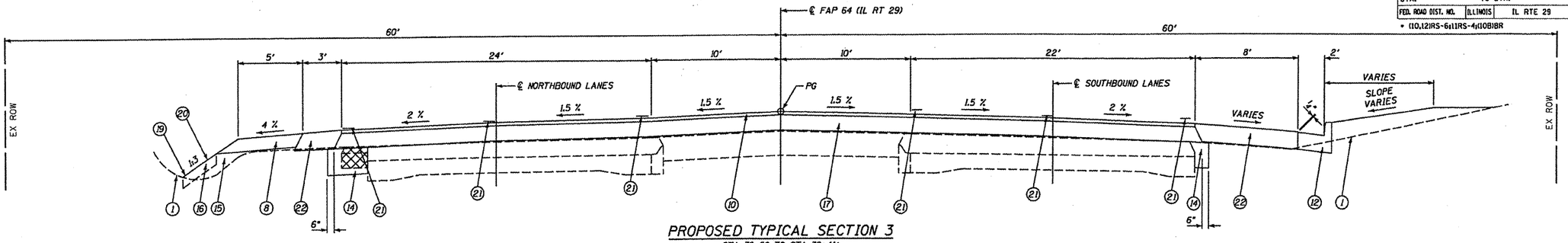
TYPICAL SECTIONS IL 29

SCALE:
DATE AUG. 2008
DRAWN BY CFC
CHECKED BY MCB/GLS

CONTRACT No. 88803

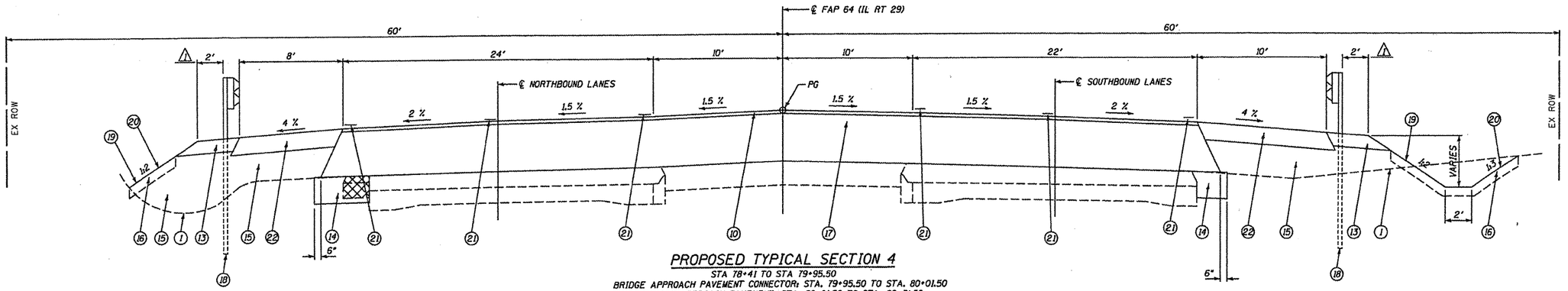
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	186	16
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		

* (10,12)RS-6\11RS-4(10B)BR



PROPOSED TYPICAL SECTION 3

STA 76+50 TO STA 78+41±



PROPOSED TYPICAL SECTION 4

STA 78+41 TO STA 79+95.50
BRIDGE APPROACH PAVEMENT CONNECTOR: STA. 79+95.50 TO STA. 80+01.50
BRIDGE APPROACH PAVEMENT: STA. 80+01.50 TO STA. 80+31.50
PR BRIDGE: STA. 80+31.50 TO STA. 81+07.50

LEGEND

1. EX GROUND LINE
2. EX PCC PAVEMENT 7" (9" AT EDGES)
3. EX HMA OVERLAYS $7\frac{3}{4}$" TO 9" *
4. EX COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.04
5. EX HMA SHOULDER 6"
6. EX HMA BASE COURSE 8"
7. EX AGGREGATE SHOULDER 6"
8. PR AGGREGATE SHOULDERS, TYPE B 4" (TYP)
9. PR HMA SURFACE REMOVAL (VARIABLE DEPTH)
10. PR POLYMERIZED HMA SURFACE COURSE, MIX "D", N70 $1\frac{1}{2}$"
11. PR POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75 N50 $\frac{3}{4}$"
12. PR COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
13. PR GUARDRAIL AGGREGATE EROSION CONTROL
14. PR SUB BASE GRANULAR MATERIAL, TYPE A 12"
15. PR FILL AREA
16. PR TOPSOIL FURNISH AND PLACE 4"
17. PR HMA BINDER COURSE, IL-19.0, N70, VAR. DEPTH (1" TO 1.78")
18. PR STEEL PLATE BEAM GUARD RAIL, TYPE A OR TRAFFIC BARRIER TERMINAL, TYPE 6 OR TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)
19. PR SEEDING, CLASS 2A
20. PR MULCH, METHOD 2 - USE PROCEDURES 1 & 2 ONLY
21. PR PAVEMENT MARKING
22. PR HMA SHOULDERS 8"
23. PR EARTH EXCAVATION
24. PR AGGREGATE BASE COURSE, TY A 8"
25. PR HMA SURFACE COURSE, MIX "D", N50 $3\frac{1}{2}$"
26. PR SUB-BASE GRANULAR MATERIAL, TY A 4"
27. PR HMA BINDER COURSE, IL - 19.0, N70, $11\frac{3}{4}$"

⚠ SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
LT STA 78+02.60 TO STA 78+64.96
RT STA 78+47.10 TO STA 79+09.46
LT STA 85+79.54 TO STA 86+41.90

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Design Firm License No. 184-002703

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS IL 29

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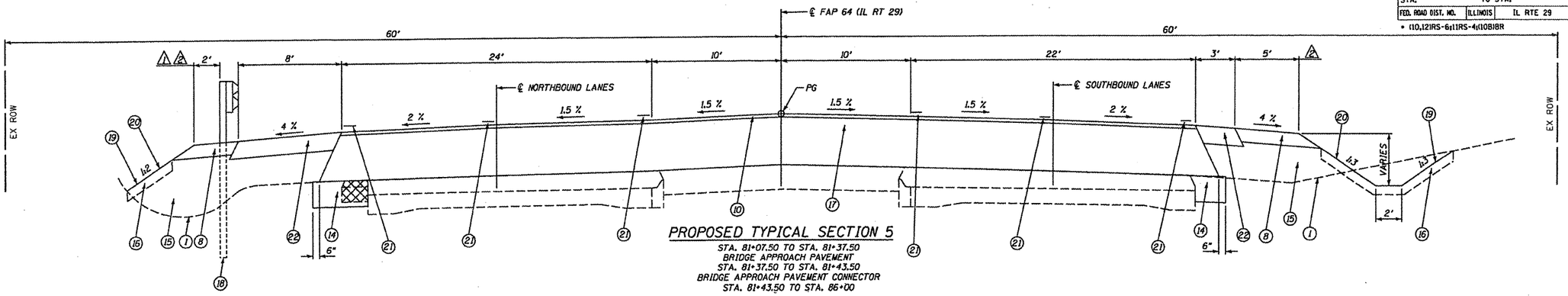
CONTRACT No. 88803

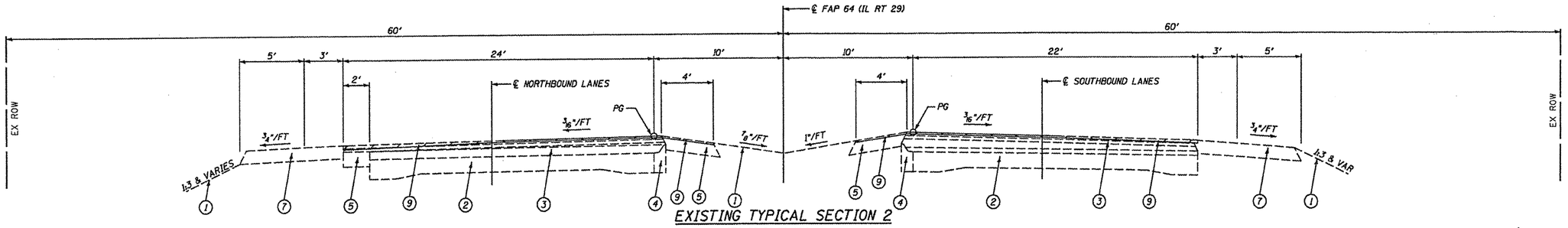
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	186	17
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		

* (10,12)RS-6;11RS-4(10B)BR



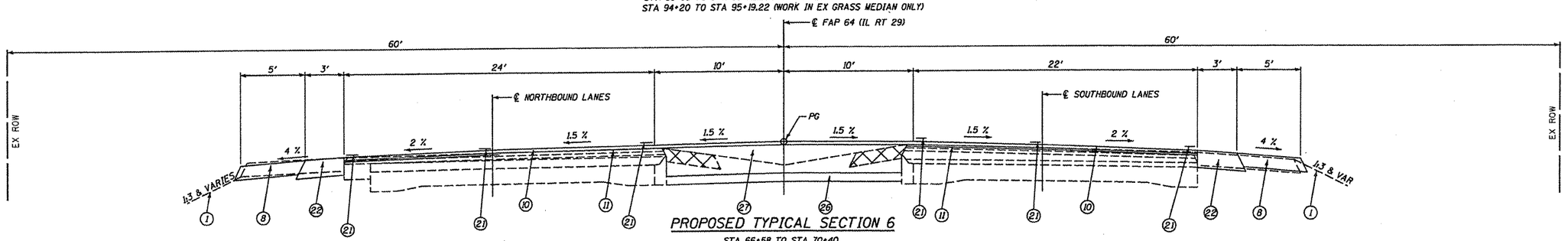
PROPOSED TYPICAL SECTION 5

STA. 81+07.50 TO STA. 81+37.50
BRIDGE APPROACH PAVEMENT
STA. 81+37.50 TO STA. 81+43.50
BRIDGE APPROACH PAVEMENT CONNECTOR
STA. 81+43.50 TO STA. 86+00



EXISTING TYPICAL SECTION 2

STA 66+58 TO STA 70+40
STA 88+89 TO STA 91+82.31 (WORK IN EX GRASS MEDIAN ONLY)
STA 94+20 TO STA 95+19.22 (WORK IN EX GRASS MEDIAN ONLY)



PROPOSED TYPICAL SECTION 6

STA 66+58 TO STA 70+40
STA 88+89 TO STA 91+82.31 (WORK IN EX GRASS MEDIAN ONLY)
STA 94+20 TO STA 95+19.22 (WORK IN EX GRASS MEDIAN ONLY)

LEGEND

1. EX GROUND LINE
2. EX PCC PAVEMENT 7" (9" AT EDGES)
3. EX HMA OVERLAYS 7¾" TO 9" *
4. EX COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.04
5. EX HMA SHOULDER 6"
6. EX HMA BASE COURSE 8"
7. EX AGGREGATE SHOULDER 6"
8. PR AGGREGATE SHOULDERS, TYPE B 4" (TYP)
9. PR HMA SURFACE REMOVAL (VARIABLE DEPTH)
10. PR POLYMERIZED HMA SURFACE COURSE, MIX "D", N70 1½"
11. PR POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75 N50 ¾"
12. PR COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
13. PR GUARDRAIL AGGREGATE EROSION CONTROL
14. PR SUB BASE GRANULAR MATERIAL, TYPE A 12"
15. PR FILL AREA
16. PR TOPSOIL FURNISH AND PLACE 4"
17. PR HMA BINDER COURSE, IL-19.0, N70, VAR. DEPTH (1" TO 1.78")
18. PR STEEL PLATE BEAM GUARD RAIL, TYPE A OR TRAFFIC BARRIER TERMINAL, TYPE 6 OR TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)
19. PR SEEDING, CLASS 2A
20. PR MULCH, METHOD 2 - USE PROCEDURES 1 & 2 ONLY
21. PR PAVEMENT MARKING
22. PR HMA SHOULDERS 8"
23. PR EARTH EXCAVATION
24. PR AGGREGATE BASE COURSE, TY A 8"
25. PR HMA SURFACE COURSE, MIX "D", N50 3½"
26. PR SUB-BASE GRANULAR MATERIAL, TY A 4"
27. PR HMA BINDER COURSE, IL - 19.0, N70, 11¾"

⚠1 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
LT STA 78+02.60 TO STA 78+64.96
RT STA 78+47.10 TO STA 79+09.46
LT STA 85+79.54 TO STA 86+41.90

⚠2 7'-0" STA. 81+37.50 TO STA. 82+67.32

COOMBE-BLOXDORF P.C.
Engineers /Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002703

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS IL 29

SCALE:
DATE AUG. 2008
DRAWN BY CFC
CHECKED BY MCB/GLS

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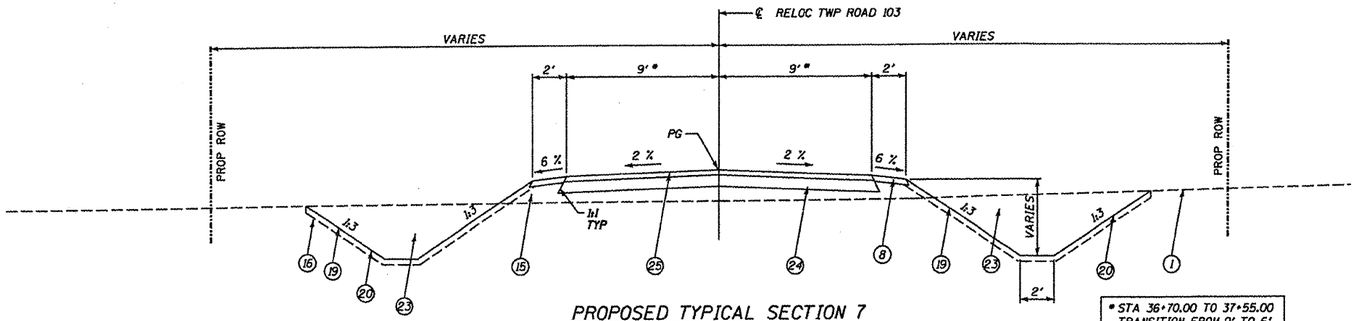
CONTRACT No. 88803

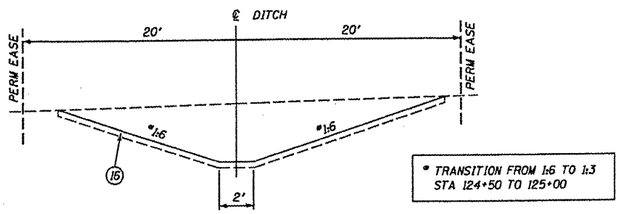
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	186	18
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		

* (10,12)RS-6(11)RS-4(10)BR



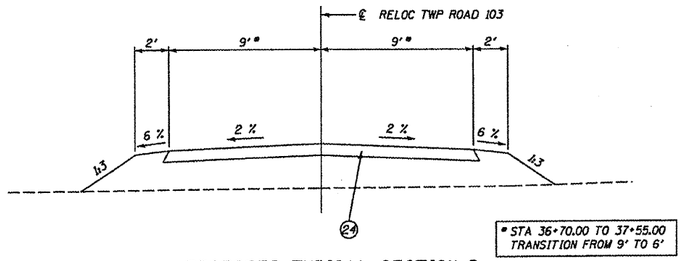
PROPOSED TYPICAL SECTION 7

RELOCATED TOWNSHIP ROAD 103
STA 20+00 TO STA 37+55.00



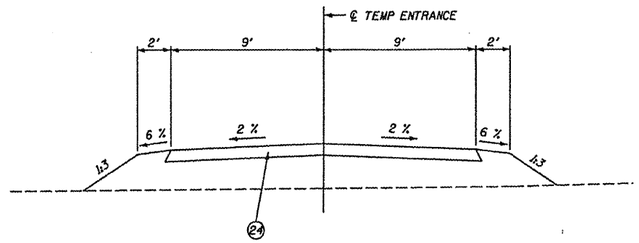
PROPOSED DRAINAGE DITCH

STA 121+50 TO STA 125+00.00



PROPOSED TYPICAL SECTION 8
STAGE I

RELOCATED TOWNSHIP ROAD 103
STA 35+72.97 TO STA 37+55.00



PROPOSED TYPICAL SECTION 9
STAGE I

TEMPORARY ENTRANCE
STA 50+00.00 TO STA 51+30.00
STA 51+67.00 TO STA 55+01.47

TEMP BRIDGE OMISSION
STA 51+30.00 TO STA 51+67.00

LEGEND

1. EX GROUND LINE
2. EX PCC PAVEMENT 7" (9" AT EDGES)
3. EX HMA OVERLAYS $7\frac{3}{4}$" TO 9" *
4. EX COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.04
5. EX HMA SHOULDER 6"
6. EX HMA BASE COURSE 8"
7. EX AGGREGATE SHOULDER 6"
8. PR AGGREGATE SHOULDERS, TYPE B 4" (TYP)
9. PR HMA SURFACE REMOVAL (VARIABLE DEPTH)
10. PR POLYMERIZED HMA SURFACE COURSE, MIX "D", N70 $1\frac{1}{2}$"
11. PR POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75 N50 $\frac{3}{4}$"
12. PR COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
13. PR GUARDRAIL AGGREGATE EROSION CONTROL
14. PR SUB BASE GRANULAR MATERIAL, TYPE A 12"
15. PR FILL AREA
16. PR TOPSOIL FURNISH AND PLACE 4"
17. PR HMA BINDER COURSE, IL-19.0, N70, VAR. DEPTH (1" TO 1.78')
18. PR STEEL PLATE BEAM GUARD RAIL, TYPE A OR TRAFFIC BARRIER TERMINAL, TYPE 6 OR TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)
19. PR SEEDING, CLASS 2A
20. PR MULCH, METHOD 2 - USE PROCEDURES 1 & 2 ONLY
21. PR PAVEMENT MARKING
22. PR HMA SHOULDERS 8"
23. PR EARTH EXCAVATION
24. PR AGGREGATE BASE COURSE, TY A 8"
25. PR HMA SURFACE COURSE, MIX "D", N50 $3\frac{1}{2}$"
26. PR SUB-BASE GRANULAR MATERIAL, TY A 4"
27. PR HMA BINDER COURSE, IL - 19.0, N70, $11\frac{3}{4}$"

REVISIONS	
NAME	DATE

COOMBE-BLOXDORF P.C.
Engineers/Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002703

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS PROPOSED TR 103

SCALE:
DATE AUG. 2008
DRAWN BY CFC
CHECKED BY MCB/GLS

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CONTRACT No. 88803

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	186	19
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		

* (10,12)RS-6;11RS-4;(10B)BR

SUMMARY OF EARTHWORK

LOCATION	EARTH EXCAVATION	CUT * 0.7	EMBANKMENT	WASTE	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD	CU YD
RELO. TR 103 - STAGE I	1903.0	1332.1	1282.0	50.10	50.10
RELO. TR 103 - STAGE II	687.0	480.9	35.0	445.90	496.00
TEMP ENTRANCE	1094.0	765.8	59.0	706.80	1202.80
IL 29	1934.0	1353.8	1614	(260.20)	942.60
TR 103 W	103.0	72.1	16.0	56.10	998.70
TR 103 B	216.0	151.2	13.0	138.20	1136.90
DRAINAGE DITCH	575.0	402.5	0	402.50	1539.40
TOTAL	6512	4558	3019	1539	1539

SUMMARY OF EARTHWORK - RELOCATED TR 103 - STAGE I

LOCATION	EARTH EXCAVATION	CUT * 0.7	EMBANKMENT	WASTE	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD	CU YD
STA 20+00 TO 31+50	1359.0	951.3	924	27.30	27.30
STA 31+50 TO 37+50	544.0	380.8	358	22.80	50.10
TOTAL	1903	1332	1282	50	50

SUMMARY OF EARTHWORK - RELOCATED TR 103 - STAGE II

LOCATION	EARTH EXCAVATION	CUT * 0.7	EMBANKMENT	WASTE	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD	CU YD
STA 35+72.97 TO 37+50	687.0	480.9	35	445.90	445.90
TOTAL	687	481	35	446	446

SUMMARY OF EARTHWORK - TEMPORARY ENTRANCE

LOCATION	EARTH EXCAVATION	CUT * 0.7	EMBANKMENT	WASTE	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD	CU YD
STA 51+67 TO STA 55+01.47	1094.0	765.8	59	706.80	706.80
TOTAL	1094	766	59	707	707

SUMMARY OF EARTHWORK - IL 29

LOCATION	EARTH EXCAVATION	CUT * 0.7	EMBANKMENT	WASTE (BORROW)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD	CU YD
STA 62+57.24 TO 73+00	707.0	494.9	161	333.90	333.90
STA 73+00 TO 80+31.5	434.1	303.9	440.1	(136.23)	197.67
STA TO	BRIDGE OMISSION				
STA 81+07.50 TO 90+50	586.0	410.2	1013	(602.80)	-405.13
STA 90+50 TO 95+19.22	207.0	144.9	0	144.90	-260.23
TOTAL	1934	1354	1614	(260)	-260

SUMMARY OF EARTHWORK - TR 103 W

LOCATION	EARTH EXCAVATION	CUT * 0.7	EMBANKMENT	WASTE	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD	CU YD
STA 8+50 TO 9+50	103.0	72.1	16	56.10	56.10
TOTAL	103	72	16	56	56

SUMMARY OF EARTHWORK - TR 103B

LOCATION	EARTH EXCAVATION	CUT * 0.7	EMBANKMENT	WASTE	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD	CU YD
STA 11+00 TO 12+19	216.0	151.2	13	138.20	138.20
TOTAL	216	151	13	138	138

SUMMARY OF EARTHWORK - DRAINAGE DITCH

LOCATION	EARTH EXCAVATION	CUT * 0.7	EMBANKMENT	WASTE	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD	CU YD
STA 121+50 TO 125+00	575.0	402.5	0	402.50	402.50
TOTAL	575	403	0	403	403

CONCRETE REMOVAL SCHEDULE

STATION	CONCRETE REMOVAL
	CU YD
STA 84+60 RT	3
TOTAL	3

PAVEMENT REMOVAL SCHEDULE

STATION	PAVEMENT REMOVAL LENGTH	PAVEMENT REMOVAL
	FT	SQ YD
STA 79+95.50 TO STA 80+43	47.5	432.78
STA 80+96.50 TO STA 81+43.50	47	428.22
TOTAL		861

FLEXIBLE PAVEMENT CONNECTOR

LOCATION STA TO STA	WIDTH	FLEX PVT CONN
	FT	SQ. YD
STA 79+95.50 TO STA 80+01.50	66	44
STA 81+37.50 TO STA 81+43.50	66	44
TOTAL		88

BRIDGE APPROACH PAVEMENT SCHEDULE

LOCATION STA TO STA	WIDTH	BR APPR PVT
	FT	SQ. YD
STA 80+01.50 TO STA 80+31.50	84	280
STA 81+07.50 TO STA 81+37.50	84	280
TOTAL		560

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REVISIONS NAME	DATE

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Engineers /Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002703

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE:
DATE AUG. 2008

DRAWN BY CFC
CHECKED BY MCB/GLS

CONTRACT No. 88803

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	186	20
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		

* (10,12)RS-6;(1)RS-4;(10)BR

SEEDING SCHEDULE

LOCATION	SEEDING CLASS 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHOROUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH METHOD 2	TEMPORARY EROSION CONTROL SEEDING	TOPSOIL FURNISH AND PLACE, 4"
	ACRE	LB	LB	LB	TON	ACRE	LB	SQ YD
IL 29 STA 61+50 TO STA 73+00	0.365	32.850	32.850	32.850	0.730	0.365	36.5	1767
IL 29 STA 73+00 TO STA 80+00	0.315	28.350	28.350	28.350	0.630	0.315	31.5	1525
IL 29 STA 80+00 TO 89+00	0.414	37.260	37.260	37.260	0.828	0.414	41.4	2008
RELO TR 103 (STAGE I)	0.837	75.330	75.330	75.330	1.674	0.837	83.70	4051
RELO TR 103 (STAGE II)	0.107	9.630	9.630	9.630	0.214	0.107	10.70	518
TR 103 W (WOLCOTT ST)	0.012	1.080	1.080	1.080	0.024	0.0120	1.2	58
TR 103 B	0.062	5.580	5.580	5.580	0.124	0.0620	6.2	298
DRAINAGE DITCH	0.272	24.508	24.508	24.508	0.545	0.2723	27.23	1318
TOTALS	2.4	214.6	214.6	214.6	4.8	2.4	238.4	11543

EXIST TOPSOIL DEPTHS FOR INFORMATION ONLY

TR 103 RELOCATION	O/S	DEPTH
STA 21+65 TO 23+00	25' LT TO 25' RT	18"
STA 23+00 TO 25+00	25' LT TO 25' RT	14"
STA 25+00 TO 27+00	35' LT TO 25' RT	12"
STA 27+00 TO 28+75	35' LT TO 25' RT	14"
STA 28+75 TO 29+45	35' LT TO 10' RT	14"
STA 29+45 TO 32+25	30' LT TO 25' RT	18"
PROPOSED DRAINAGE DITCH		
STA 121+50 TO 123+00	FULL WIDTH	12"
STA 123+00 TO 125+00	FULL WIDTH	18"

RESURFACING SCHEDULE (MAINLINE PAVEMENT)

LOCATION STATION TO STATION	HMA SURF REM, BUTT JOINT	HMA SURF REM, VD	BIT (PRIME COAT)	AGG (PRIME COAT)	POLY LEV BIND (MM) N50	HMA BIND CSE VAR DEP N70	POLY HMA SURF CSE MIX D, N70 1-1/2"
	SQ YD	SQ YD	TON	TON	TON	TON	TON
STA 61+50 TO STA 61+80	220		0.08	0.44			18.48
STA 61+80 TO STA 76+50		9931.11	3.77	19.86	417.00		834.20
STA 76+50 TO STA 80+07.50			0.98	5.16		1541.75	212.83
BRIDGE OMISSION STA 80+01.50 TO STA 81+37.50							
STA 81+43.50 TO STA 86+00			1.29	6.78		2657.18	281.204
STA 86+00 TO STA 88+59		1899.33	0.72	3.80	89.01		159.54
STA 88+59 TO STA 88+89	220		0.08	0.44			18.48
IL RT 29 STA 66+58 TO STA 70+40 - GRASS MED						558.57	71.31
IL RT 29 STA 88+89 TO STA 91+82.31 - GRASS MED						428.88	54.75
IL RT 29 STA 94+20 TO STA 95+20 - GRASS MED						146.22	18.67
TR 103 W STA 8+56 TO STA 9+68			0.14	0.73		143.04	30.65
TR 103 B STA 10+43.85 TO STA 12+19			0.30	1.59		312.44	66.95
ENTRANCE/SIDEROAD			0.35	1.84			
TOTALS	440	11830	8	41	506	5788	1767

HMA SHOULDER SCHEDULE

LOCATION (STATION TO STATION)	HMA SHOULDER WIDTH LT	HMA SHOULDER WIDTH RT	HMA SHOULDER, 8"
	FT	FT	SQ YD
STA 61+50 TO STA 74+60	3	3	698.67
STA 74+60 TO STA 78+41	3	8	390.11
STA 78+41 TO STA 80+01.50	8	10	282.11
STA 81+37.50 TO STA 86+00	8	3	523.61
STA 86+00 TO STA 88+89	3	3	172.67
TOTAL			2067

AGGREGATE SHOULDER SCHEDULE

LOCATION (STATION TO STATION)	AGG SHLD WIDTH	AGG SHLD, TY B, 6"
	FT	SQ YD
IL RTE 29 STA 61+50 TO STA 86+89	5'	1998.6
RELOCATED TR 103 STA 20+00 TO STA 37+55	2'	739
TR 103 B STA 10+43.85 TO STA 12+19	3'	122
TOTAL		2860

SUB-BASE GRANULAR MATERIAL, TYPE A, 12"

LOCATION (STATION TO STATION)	SUB-BASE WIDTH LT	SUB-BASE WIDTH RT	SUB-BASE GRAN MTL TY A, 12"
	FT	FT	SQ YD
IL RT 29 STA 76+50 TO STA 79+95.50	3.5	2	211.14
IL RT 29 STA 79+95.50 TO STA 80+31.50	42.5	42.5	340
IL RT 29 STA 81+07.50 TO STA 81+43.50	42.5	42.5	340
IL RT 29 STA 81+43.50 TO STA 86+00	3.7	2.2	299.3
TR 103B STA 10+43.95 TO STA 12+19.00	VAR	VAR	797.04
TR 103W STA 8+56 TO STA 9+68	VAR	VAR	364.91
TOTAL			2352

PAVING SCHEDULE (RELOCATED TR 103)

LOCATION STATION TO STATION	AGG BASE CSE, TY A, 8"	HMA SURF CSE, MIX D, N50 3-1/2"
	SQ YD	TON
STA 20+00 TO STA 36+70	3340	654.64
STA 36+70 TO STA 37+55	142	27.77
STA 50+00 TO STA 51+30	260	
STA 51+67 TO STA 53+10	286	
STA 53+10 TO STA 55+01.47 (TEMP ENTR)	382.94	
TOTALS	4411	682

SUB-BASE GRANULAR MATERIAL, TYPE A, 4"

LOCATION (STATION TO STATION)	SUB-BASE WIDTH	SUB-BASE GRAN MTL TY A, 4"
	FT	SQ YD
IL RT 29 STA 66+58 TO STA 70+40	20	848.89
IL RT 29 STA 88+89 TO STA 91+82.31	20	651.80
IL RT 29 STA 94+20 TO STA 95+20	20	222.22
TOTAL		1723

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Engineers /Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002703

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE:
DATE AUG. 2008

DRAWN BY CFC
CHECKED BY MCB/GLS

CONTRACT No. 88803

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	•	PEORIA	186	21
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		

• (10,12)RS-6;(11)RS-4;(10B)BR

ENTRANCE IMPROVEMENT SCHEDULE

LOCATION (STATION)	TYPE	LENGTH	WIDTH	AREA	BIT. MAT'L PR. CT.	AGG. PR. CT.	INCIDENTAL HMA SURF.
		FEET	FEET	SQ. YARD	TON	TON	TON
62+00	PE (Asph)	65	8	57.78	0.022	0.116	2.427
73+23.36	CE (Asph)	60	18	120.00	0.046	0.240	5.040
TR 103 STA 34+20	PE	16	8	14.22	0.005	0.028	0.597
TR 103 STA 34+28	PE	20	8	17.78	0.007	0.036	0.747
TR 103 STA 34+70	CE	24	8	21.33	0.008	0.043	0.896
TR 103 STA 34+74	PE	24	8	21.33	0.008	0.043	0.896
TR 103 STA 35+38	CE	35	8	31.11	0.012	0.062	1.307
TR 103 STA 36+50	PE	20	8	17.78	0.007	0.036	0.747
TOTAL					0.115	0.603	12.656

SIDEROAD IMPROVEMENT SCHEDULE

LOCATION (STA)	TYPE	LENGTH	WIDTH	AREA	3' TEMP RAMP	HMA SURF REM BJ	BIT. MAT'L PR. CT.	AGG. PR. CT.	INCIDENTAL HMA SURF.	ROADWAY DESCRIPTION
		FEET	FEET	SQ. YARD	SQ YARD	SQ YARD	TON	TON	TON	
61+90	S/R	75	8	50.00	25.00	50.00	0.019	0.100	5.250	GRANT ST
67+15	S/R	40	8	26.67	13.33	26.67	0.010	0.053	2.800	SCOTT ST
71+00	S/R	35	18	52.50	11.67	52.50	0.020	0.105	5.513	FARNUM ST
74+75	S/R	90	65	487.50	30.00	487.50	0.185	0.975	51.188	SHEFFIELD ST
TOTAL					80.00	616.67	0.234	1.233	64.750	

GUARDRAIL SCHEDULE

LOCATION	GUARDRAIL REMOVAL	S.P.B.G.R. TYPE A	TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL	TRAFFIC BARRIER TERMINAL TYPE 6	GUARDRAIL MARKERS - CRYSTAL	TERMINAL MARKERS DIRECT APPLIED
	(FT)	(FT)	(EACH)	(EACH)	(EACH)	(EACH)
PR SN 072-0198						
N.W. Quadrant	97.76	62.50	1	1	3	1
S.E. Quadrant	537.09	425.00	1	1	11	1
N.E. Quadrant	187.32	112.50	1	1	4	1
STA 84+02	100					
TOTALS	922.17	600	3	3	18	3

TREE REMOVAL SCHEDULE

LOCATION (STATION)	LT/RT	AREA (ACRES)	DIAMETER 6-15 (UNITS)	DIAMETER OVER 15 (UNITS)
78+91.00 (IL 29)	RT		15	
79+33.50 (IL 29)	RT		15	
80+27.10 (IL 29)	RT		15	
81+65.25 (IL 29)	RT		15	
81+73.71 (IL 29)	RT			20
82+00 (IL 29)	LT			25
83+30 (IL 29)	LT			25
86+00 (IL 29)	RT	0.01		
SUBTOTAL IL 29		0.01	60	70
21+50 (RELO. TR 103)	CL	0.04		
28+32.45 (RELO. TR 103)	LT			35
28+40.51 (RELO. TR 103)	RT			35
28+47.10 (RELO. TR 103)	LT			30
28+58.19 (RELO. TR 103)	LT			20
29+41.38 (RELO. TR 103)	RT		15	
29+41.84 (RELO. TR 103)	RT			20
34+55.91 (RELO. TR 103)	LT		15	
51+25 (TEMP. ENTRANCE)	LT	0.01		
51+25 (TEMP. ENTRANCE)	RT	0.01		
SUBTOTAL RELO. TR 103		0.06	30	140
TOTALS		0.07	90	210

TEMPORARY EROSION CONTROL SCHEDULE

ITEMS	UNIT	TOTAL
TEMPORARY DITCH CHECKS	EACH	18
INLET AND PIPE PROTECTION	EACH	14
PERIMETER EROSION CONTROL BARRIER	FT	10180

TEMPORARY RAMP SCHEDULE

APPROX STATION	WIDTH	APPROXIMATE LOCATION	TEMP RAMP
	FT		SQ. YD
61+50	66	BEGINNING OF JOB	36.67
80+01.50	84	BR. OMISSION	186.67
81+37.50	84	BR. OMISSION	186.67
88+89	66	END OF JOB	36.67
TOTAL			447

EROSION CONTROL BLANKET

LOCATION	LT/RT	TOTAL
STA 78+75 TO STA 80+31.50	LT/RT	396
STA 81+07.50 TO STA 86+00	LT/RT	534
TOTAL		930

TRENCH BACKFILL SCHEDULE

APPROX LOCATION	PIPE DIAMETER	TRENCH BACKFILL
	IN	CU YD
TR 103 CE AT STA 32+26.38	15	3.59
TR 103 STA 29+20	18	9.39
TR 103 STA 25+50	18	4.61
TR 103 STA 20+60	15	15.38
TR 103 STA 31+67	15	4.56
FARNUM STREET	18	11.76
SHEFFIELD STREET	18	23.11
WOLCOTT STREET	15	5.54
IL 29 CE AT STA 73+28.26	18	11.06
TOTAL		89

PAVED SHOULDER REMOVAL

LOCATION	SHOULDER WIDTH LT	SHOULDER WIDTH RT	PAVED SHLD REM
	FOOT	FOOT	SQ YD
STA 76+50 TO STA 80+42	2	0	87.11
STA 80+97 TO STA 86+00	2	0	111.78
STA 66+58 TO STA 70+40	4	4	339.56
STA 88+89 TO STA 91+82.31	4	4	260.72
STA 94+20 TO STA 95+20	4	4	88.89
TOTAL			888

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ILLINOIS DEPARTMENT OF TRANSPORTATION

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SCALE: DRAWN BY CFC
DATE AUG. 2008 CHECKED BY MCB/GLS

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	186	22
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		

* (10,12)RS-6(11)RS-4(10B)BR

PIPE CULVERT SCHEDULE

LOCATION (STATION)	OFFSET	PIPE CULVERTS						PRC FLARED END SECTIONS		
		CS/AA	RCCP	RCCP	RCCP	RCCP	RCCP	15"	18"	ELLIP.
		T-1	T-1	T-1	T-1	T-1	T-1, ELIP			EQ R-S
		18"	12"	15"	18"	24"	18" E			18"
		(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(EACH)	(EACH)	(EACH)
IL 29										
70+90.36	41.35' RT				48.00				2	
73+23.26	45' RT	46.00								
74+60	46.87' RT						80.00			1
95+07.85	0					100.00				
TR 103 W (WOLCOTT ST)										
8+84.00	0		21.00							
9+17	18.5' RT		56.00					1		
RELOCATED TR 103										
20+60	0.0			58.00				2		
25+50	0.0				26.00				2	
29+10	0.0				28.00				2	
31+67	0.0			22.00				2		
32+33	30' RT			24.00				2		
TOTALS		46.00	77.00	104.00	102.00	100.00	80.00	7	6	1

STONE RIPRAP, CLASS A4

STATION	LT/RT	STONE RIPRAP SQ YD	FILTER FABRIC SQ YD
84+73 (IL 29)	68' LT	4.00	4.00
84+73 (IL 29)	54' RT	17.50	17.50
25+50 (TR 103)	17' LT	6.00	6.00
29+10 (TR 103)	20' LT	6.00	6.00
51+46 (TR 103)	20' LT	82.50	82.50
51+46 (TR 103)	20' RT	82.50	82.50
121+35 (DITCH)	0	16.00	16.00
TOTAL		215	215

COMBINATION CONCRETE CURB AND GUTTER SCHEDULE

LOCATION (STATION TO STATION)	TYPE B6.24	TYPE B6.24 ENTRANCE
	FT	FT
RT STA 74+89.26 TO STA 75+15.04	30.88	
RT STA 75+15.04 TO STA 75+43.60	28.56	
RT STA 75+43.60 TO STA 75+70.12	36.18	
RT STA 75+56.42 TO STA 76+13.17		56.75
RT STA 75+99.99 TO STA 76+13.17	23.32	
RT STA 76+13.17 TO STA 76+31.69	18.52	
RT STA 76+31.69 TO STA 76+44.88	23.32	
RT STA 76+31.69 TO STA 76+88.96		57.27
RT STA 76+75.92 TO STA 76+88.96	23.29	
RT STA 76+88.96 TO STA 77+22.26	33.3	
RT STA 77+22.26 TO STA 77+83.85		61.59
RT STA 77+22.26 TO STA 77+35.54	23.81	
RT STA 77+67.50 TO STA 77+83.85	23.81	
RT STA 77+83.85 TO STA 78+28.66	59.25	
SUBTOTALS	324.24	175.61
TOTAL	500	

CURB AND GUTTER REMOVAL SCHEDULE

LOCATION (STATION TO STATION)	REMOVAL
	FT
RT STA 74+89.26 TO STA 75+15.04	33.58
RT STA 75+15.04 TO STA 75+43.60	28.56
RT STA 74+43.60 TO STA 75+70.12	30.88
RT STA 75+99.99 TO STA 76+22.42	29.74
RT STA 76+22.44 TO STA 76+44.88	29.74
RT STA 76+75.92 TO STA 77+02.44	32.49
RT STA 77+02.44 TO STA 77+09.02	6.58
RT STA 77+09.02 TO STA 77+35.54	32.49
RT STA 77+67.50 TO STA 78+22.88	66.33
TOTAL =	290

DRIVEWAY PAVEMENT REMOVAL

LOCATION	PAVEMENT REMOVAL
	SQ YD
STA 75+00 TO STA 78+19.59	573.73
TOTAL	574

DRAINAGE STRUCTURE SCHEDULE

LOCATION	OFFSET	MANHOLE	INLETS			
		TY A, 5' DIA W/ T-1 F, CL	T-A W/ T-9 F&G	T-B SP W/ SP F&G	T-B W/ T-3 F&G	MEDIAN INLET (STD 604101)
		(EACH)	(EACH)	(EACH)	(EACH)	(EACH)
IL 29						
75+00	46.87' RT				1	
94+58.14	0.0	1				
95+57.85	0.0					1
TR 103 W (WOLCOTT ST)						
8+84	10.5' LT		1			
8+84	10.5' RT			1		
TOTALS		1	1	1	1	1

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT

LOCATION	PCC DRIVEWAY PVT, 8"	PAVEMENT FABRIC
	SQ YD	SQ YD
STA 75+00 TO STA 78+19.59	573.73	
STA 86+65	156	156
TOTAL	730	156

MEDIAN INLET REMOVAL SCHEDULE

LOCATION (STATION)	OFFSET (FT)	QUANTITY (EACH)
69+50	0	1
89+30	0	1
94+58.14	0	1
TOTAL		3

CULVERT REMOVAL SCHEDULE

STATION	OFFSET	TYPE	SIZE	LENGTH
			(IN)	(FT)
73+23.26	45' RT	CMP	15	46
74+60	46.87' RT	RCP	18	80
78+21.10	51' RT	RCP	18	70
78+19.52	60' LT	RCP	18	40
TOTAL				236

CONCRETE GUTTER SCHEDULE

LOCATION (STATION TO STATION)	TYPE A (MODIFIED)	TYPE B (MODIFIED)
	FT	FT
TR 103W LT STA 9+42.23 TO STA 8+76.85	65.38	
TR 103W RT STA 9+33.69 TO STA 8+76.85		56.84
TOTAL	65	57

INLET REMOVAL SCHEDULE

LOCATION (STATION)	OFFSET (FT)	QUANTITY (EACH)
75+00	46.87' RT	1
78+02.88	40' RT	1
TOTAL		2

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Springfield, Illinois
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CONTRACT No. 88803

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	•	PEORIA	186	23
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		

• (10,12)RS-6;11RS-4;(10B)BR

PAVEMENT MARKING SCHEDULE								
LOCATION (STATION TO STATION)	LENGTH	4" THERMO YELLOW LN SOLID	4" THERMO YELLOW LN SKIP-DASH	PREF PLAS PAVT MRKG TY B - LN 6" SKIP-DASH	4" THERMO WHITE LN SOLID	24" THERMO WHITE LN SOLID	THERMO WH LETTERS & SYMBOLS	4" TEMP PVT MARKING LN
	FT	FT	FT	FT	FT	FT	FT	FT
STA 56+70 TO STA 61+50	480	960	240	240	960		124.8	2400
STA 61+50 TO STA 88+89	2739	3634	908.5	911	3644		624	9097.5
STA 88+89 TO STA 91+82.31	293.31	1516.62	369.16	146.655	586.62		78	2619.055
STA 91+82.31 TO STA 105+80	1397.69	2795.38	698.845	698.845	2795.38		358.8	6988.45
RELO. TR 103 STA 20+00 TO STA 37+55	1755		438.75					438.75
RELO. TR 103 STA 20+42						33		
STA 74+41, 40' RT (SHEFFIELD ST)						28		
TR 103 W STA 10+68						28		
TR 103 B STA 10+53						34		
TOTAL		8906	2655	1997	7986	123	1186	21544

WORK ZONE PAVEMENT MARKING REMOVAL SCHEDULE		
LOCATION STATION TO STATION	LENGTH (FT)	REMOVAL (SQ FT)
TEMPORARY EDGE LINES STAGE I - STA 56+70 TO STA 105+80	4910	3053
TEMPORARY EDGE LINES STAGE II - STA 56+70 TO STA 105+80	4910	3053
SHORT-TERM EDGE LINES STA 56+70 TO 105+80 PRIOR TO SURF CSE	4910	19.15
SHORT-TERM SKIP-DASH STA 56+70 TO 105+80 PRIOR TO SURF CSE	4910	365.2
TOTAL		6490

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE				
STATION	R.R.P.M. CRYSTAL	R.R.P.M. AMBER	R.R.P.M. BRIDGE	R.R.P.M. REMOVAL
	EACH	EACH	EACH	EACH
STA 61+50 TO 68+70	18	36		18
STA 68+70 TO 70+50	5	9		14
STA 70+50 TO 75+27	12	24		12
STA 75+27 TO 77+92	7	13		20
STA 77+92 TO 84+24	14	29	4	18
STA 84+24 TO 88+89	12	23		35
STA 88+89 TO 91+82.31		15		0
TOTALS	67	149	4	117

SHORT TERM PAVEMENT MARKING SCHEDULE		
LOCATION STATION TO STATION	LENGTH FT	SHORT TERM (3 APPS) FT
4" SKIP-DASH CENTERLINE STA 56+70 TO 105+80	4910	3286.8
SHORT-TERM EDGE LINES STA 76+50 TO 86+00	950	112.32
TOTAL		3399

TEMPORARY CONCRETE BARRIER SCHEDULE		
LOCATION	TEMP CONC BARRIER	TEMP CONC BARRIER, RELOCATE
	FT	FT
STAGE I		
STA 63+30 TO STA 69+90	660	
STA 69+90 TO STA 76+50	660	
STA 76+50 TO STA 86+00	950	
STA 86+00 TO STA 89+30	330	
STAGE II		
STA 73+20 TO STA 76+50		330
STA 76+50 TO STA 86+00		950
STA 86+00 TO STA 92+60		660
STA 92+60 TO STA 99+20		660
TOTALS	2600	2600

IMPACT ATTENUATORS, TEMPORARY (NON REDIRECTIVE), TEST LEVEL 3		
LOCATION	IMPACT ATTENUATOR	IMPACT ATTENUATOR, RELOCATE
	EACH	EACH
STAGE I		
STA 63+20	1	
STA 89+30	1	
STAGE II		
STA 73+20		1
STA 99+20		1
TOTALS	2	2

PAVEMENT MARKING REMOVAL SCHEDULE		
LOCATION STATION TO STATION	LENGTH FT	REMOVAL SQ FT
CENTERLINES (4") STA 56+70 TO 105+80	4910	741.83
EDGE LINES (4") STA 56+70 TO 105+80	4910	2967.33
TURN-LANE LINES (4") STA 56+70 TO 105+80	4910	190.67
YELLOW TWLT LINES (4") STA 56+70 TO 105+80	4910	673.33
YELLOW TWLT SKIPS (4") STA 56+70 TO 105+80	4910	168.33
DOUBLE-YELLOW LINES (4") STA 56+70 TO 105+80	4910	1507.67
LEFT-TURN ARROWS	4910	265.20
12" YELLOW DIAGONALS STA 56+70 TO 105+80	4910	735.00
TOTAL		7249

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ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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DATE AUG. 2008

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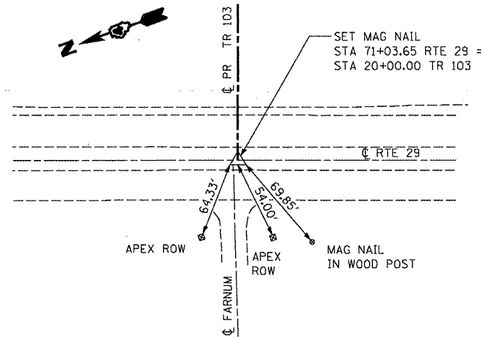
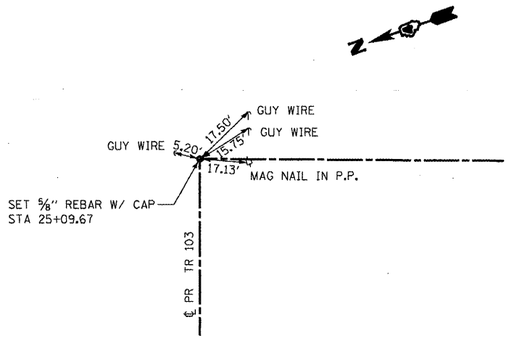
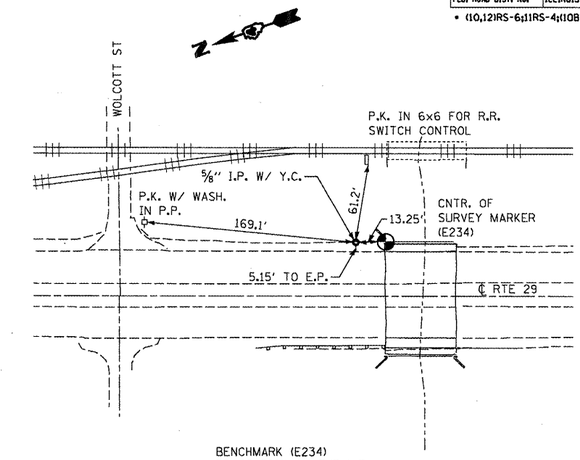
64	•	PEORIA	183	24
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		

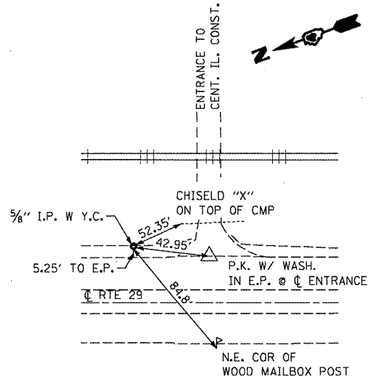
• (10,12)RS-6;11RS-4;(10B)BR

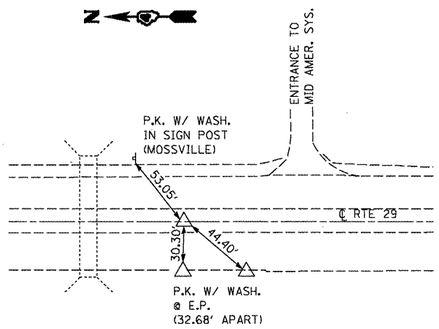






BENCHMARK (E234)
BRASS DISK ON THE N.E.
WINGWALL OF STRUCTURE
ELEV = 469.91





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Springfield, Illinois
Design Firm License No. 184-002708

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BENCH MARK AND TIES

SCALE:
DATE AUG. 2008

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64	*	PEORIA	186	25
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		

* (10,12)RS-6;11RS-4;(10B)BR

PI STA. = 29+57.53
Δ = 0° 51' 17" (RT)
D = 1° 00' 00"
R = 5,729.58'
T = 42.74'
L = 85.47'
E = 0.16'
P.C. STA = 29+14.79
P.T. STA = 30+00.27

PI STA. = 34+50.00
Δ = 1° 47' 55" (LT)
D = 3° 00' 00"
R = 1,909.86'
T = 29.98'
L = 59.95'
E = 0.24'
P.C. STA = 34+20.02
P.T. STA = 34+79.97

PI STA. = 36+62.71
Δ = 61° 46' 47" (LT)
D = 38° 11' 50"
R = 150.00'
T = 89.74'
L = 161.74'
E = 24.79'
P.C. STA. = 35+72.97
P.T. STA. = 37+34.71

PI STA. = 52+89.26
Δ = 29° 17' 05" (RT)
D = 57° 17' 45"
R = 100.00'
T = 26.13'
L = 51.11'
E = 3.36'
P.C. STA. = 51+63.13
P.T. STA. = 52+14.24

EXIST. CURVE TWP103B-1
PI STA. = 12+41.20
Δ = 47° 02' 48" (RT)
D = 22° 55' 06"
R = 250.00'
T = 108.82'
L = 205.28'
E = 22.66'
e = 0.02
T.R. = -----
S.E. RUN = -----
P.C. STA. = 11+32.38
P.T. STA. = 13+37.66

BEGIN PROJECT
STA 61+50.00
FAP 64 (IL RTE 29)

℄ DRAINAGE DITCH

℄ RELOCATED TR 103

POT Sta 21+50.00

POT Sta 25+00.00

POT Sta 24+94.09

POT Sta 35+72.97

POT Sta 37+00.00

POT Sta 51+63.13

POT Sta 52+14.24

POT Sta 55+01.47

END CONSTRUCTION
STA 37+55.00
TWP ROAD 103

STA 83+71.43 FAP 64 =
STA 10+00.00 TR 103 B

POT Sta 80+69.50

POT Sta 10+00.00

POT Sta 8+25.12

POT Sta 15+87.64

PT Sta 13+37.66

END RESURFACING
STA 91+82.31
FAP 64 (IL RTE 29)

END MEDIAN
STA 91+82.31
FAP 64 (IL RTE 29)

END PROJECT
STA 95+19.22
FAP 64 (IL RTE 29)
(NOT SHOWN)

GRANT ST (TR 103)
STA 61+92

66+58

SCOTT ST (TR 559)
STA 67+15

70+40

FARNHAM ST (TR 541)
STA 71+00
(MOSSVILLE RD)

74+80

SHEFFIELD ST (CH 6)
STA 74+70

76+50

WOLCOTT ST (TR 103W)
STA 78+42

80+42

℄ FAP 64 (IL RTE 29)

STA 71+03.48 FAP 64 (IL RTE 29) =
STA 20+00.00 TR 103

℄ TR 103B

PR SN 072-0198
℄ STA 80+69.50

WOOD HOLLOW DRAINAGE DITCH

BLOCK 11
BLOCK 12
BLOCK 13
BLOCK 14
BLOCK 9
BLOCK 8
BLOCK 7
BLOCK 4
BLOCK 5
BLOCK 6

65 70 75 80 85 90

0' 100' 200' 300'

SCALE: 1" = 100'

10/17/2008
#FILEABBREV#

DWN

REVISIONS NAME	DATE

COOMBE-BLOXDORF P.C.
Engineers /Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002703

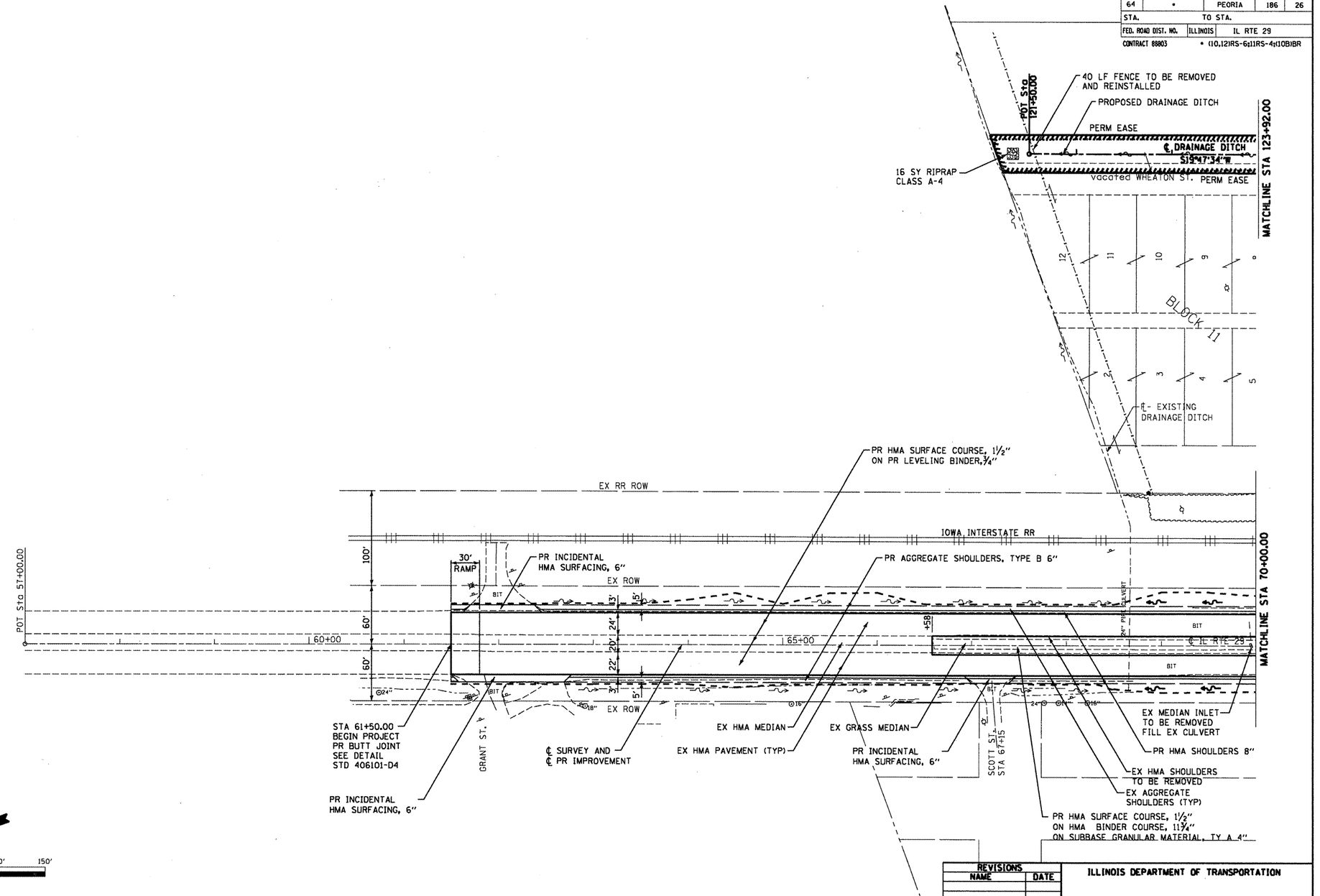
ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL PLAN

SCALE:
DATE AUG. 2008

DRAWN BY CFC
CHECKED BY MCB/GLS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	•	PEORIA	186	26
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		
CONTRACT 88803		• (10,12)RS-6;11RS-4;(10B)BR		



REVISIONS NAME	DATE

COOMBE-BLOXDORF P.C.
Engineers /Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002708

ILLINOIS DEPARTMENT OF TRANSPORTATION

IL RTE 29
STA 61+50 TO 70+00

SCALE:
DATE NOV. 2007
DRAWN BY
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	•	PEORIA	186	27
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		
CONTRACT 88803		• (10,12)RS-6;11RS-4;(10B)BR		

STA 125+00.00
℄ DRAINAGE DITCH=
STA 25+00.00, 26' LT
℄ REL TWP RD 103

PERM EASE

UTILITY POLE
TO BE RELOCATED
BY OTHERS

2' AGG SHOULDER

6 SY RIPRAP
CLASS A-4

PROP ROW

S19°47'34"W

MATCHLINE STA 123+92.00

POT Sta 24+94.09

125+00

℄ RELOCATED TWP ROAD 103

90°07'09"

75'R

CONST LIMITS

PROP ROW

STA 25+50.00
26 LF 18" PRC
PIPE CULVERT
CLASS A
2-18" PRC FES
USFL 459.00
DSFL 458.80
75' RADIUS POINT
STA 24+10.26
84.00' RT

15' RADIUS POINT
STA 28+61.21
24.00' RT

TEMP EASE

6 SY RIPRAP
CLASS A-4

STA 29+10.00
28 LF 18" PRC
PIPE CULVERT
CLASS A
2-18" PRC FES
USFL 458.74
DSFL 458.54

15'R TYP

130+00

S19°47'34"W

15' RADIUS POINT
STA 29+11.11
24.00' RT

STA 31+67.00
22 LF 15" PRC
PIPE CULVERT
CLASS A
2-15" PRC FES
USFL 458.60
DSFL 458.50

PROP ROW

CONST LIMITS

15' RADIUS POINT
STA 32+02.78
24.00' RT

24 LF 15" PRC
PIPE CULVERT
CLASS A
2-15" PRC FES
USFL 458.80
DSFL 458.70

PROP. CURVE 103B
PI STA. = 36+62.71
Δ = 61° 46' 47" (LT)
D = 38° 11' 50"
R = 150.00'
T = 89.74'
L = 161.74'
E = 24.79'
P.C. STA. = 35+72.97
P.T. STA. = 37+34.71

END CONST
STA 37+55.00

PC Sta 35+72.97
RC 150.00'
PT Sta 37+34.71

15'R TYP

CONST LIMITS

15' RADIUS POINT
STA 32+49.57
24.00' RT

TEMPORARY ENTRANCE ROAD
AND TEMPORARY BRIDGE TO
BE REMOVED

PT Sta 37+34.71

PC Sta 51+63.13
RC 100.00'
PT Sta 52+14.24

TEMP EASE

MATCHLINE STA 53+30.90

PROP. CURVE 103C
PI STA. = 51+89.26
Δ = 29° 17' 05" (RT)
D = 57° 17' 45"
R = 100.00'
T = 26.13'
L = 51.11'
E = 3.36'
P.C. STA. = 51+63.13
P.T. STA. = 52+14.24

BLOCK 12

BLOCK 13

BLOCK 14

SHEFFIELD ST.
Rock

EX ℄ TWP ROAD 103

FARNUM ST.
VACATED

PROP ROW

CONST LIMITS

PROP ROW

PR TREE
REMOVAL

2 CC &
45'-150'
8.5' O/S

PERM EASE

PERM EASE

PR RR CROSSING
(BY OTHERS)

75' RADIUS POINT
STA 21+09.23
84.00' RT

75'R

STA 20+60.00
58 LF 15" PRC
PIPE CULVERT
CLASS A
2-15" PRC FES
USFL 463.92
DSFL 463.22

EX PRIVATE ENTRANCE TO BE CLOSED
DE-GRADE ROADWAY FROM LEFT EDGE
IL 29 TO EAST RR ROW. RR CROSSINGS
TO BE REMOVED BY OTHERS

PR HMA SURFACE COURSE, 1½"
PR LEVELING BINDER, ¾" EX RR ROW

PR HMA SURFACE COURSE 1½" ON
HMA BINDER COURSE, VARIABLE
DEPTH TO ATTAIN PROPOSED PROFILE

EX TWP ROAD 103 TO BE CLOSED
DE-GRADE ROADWAY FROM LEFT
EDGE IL 29 TO EAST RR ROW.
RR CROSSINGS TO BE REMOVED
BY OTHERS

MOON HOLLOW
DRAINAGE DITCH

STA 80+69.50
EX SN 072-0017
TO BE REMOVED
PR SN 072-0198

STA 84+73.00
EXTEND EX 4' RISE X 6' SPAN RCBC,
SEE SHEETS 58-60 FOR DETAILS

IL 29 STA 83+71.43 =
TWP ROAD 103B
STA 10+00.00
IOWA INTERSTATE RR

4 SY RIPRAP
CLASS A-4
17.5 SY RIPRAP
CLASS A-4

STA 76+50.00 END OVERLAY -
BEGIN PAVEMENT BUILD-UP

PR HMA SHOULDERS 8"

PR GUARDRAIL
(SEE SCHEDULE
FOR DETAILS)

PR BRIDGE APPROACH PAVEMENT
STA 80+01.50 TO STA 80+31.50 &
STA 81+07.50 TO STA 81+37.50

STA 84+60
APPROX. LOCATION
CONCRETE TO BE
REM 3 SQ YD

+87.39
9.00'

EX INLET & 18" RCP
TO BE REMOVED
EX 8" CLAY PIPE TO
TIE INTO PR INLET

EX ROW

MATCHLINE STA 70+00.00

MATCHLINE STA 85+00.00

46.12
36.08

89°50'23"

70+00

+40

75+00

℄ FAP RTE 64 (IL RTE 29)

80+00

10+00

46°52'03"

IL 29 STA 71+03.48 =
TWP ROAD 103 STA 20+00.00

PR CMP CULVERT 18" X 46'
STA 73+50.26 45' RT USFL = 464.89
STA 72+96.26 45' RT DSFL = 464.77

PR INCIDENTAL
HMA SURFACING, 6"
PR AGGREGATE SHOULDERS, TYPE B 6"

PR PIPE CULVERT 18" X 48', CL A, TY 1
W/ PRC FLARED END SECTIONS
STA 71+20.36 41.35' RT USFL = 464.68
STA 70+60.36 41.35' RT DSFL = 464.55

PR ELLIPTICAL PIPE CULVERT
CLASS A, TY 1, 18" EQ X 80'
W/ 1 PRC FLARED END SECTION
STA 75+00 46.87' RT USFL = 465.28
STA 74+20 46.87' RT DSFL = 465.07

STA 75+00.00, 46.87' RT
PR INLET TY B (STD 602306)
W/ FLAT SLAB TOP (STD 602601)
& TY 3 F&G (STD 604006)
FL TOG = 467.43
FL INVERT = 465.27

STA 74+70
SHEFFIELD ST.
(MOSSVILLE RD.)

PR DRIVEWAY PAVEMENT REMOVAL

PR TYPE B COMB CONC CURB & GUTTER
AND TYPE B COMB CONC CURB & GUTTER
(ENTRANCE) (TYP), SEE SHEET 38 OF 146
FOR ELEVATION DETAILS

PR PCC DRIVEWAY PAVEMENT 8"

PR CONCRETE CURB & GUTTER REMOVAL (TYP)

SEE SHEET 26 FOR
WOLCOTT ST
(TWP RD 103 WEST)
DETAILS

STA 78+42
WOLCOTT ST.
(TR 103 WEST)

J 15+00

EX GUARDRAIL AND TERMINAL
SECTIONS TO BE REMOVED (TYP)

PR BRIDGE APPROACH PAVEMENT
CONNECTOR (FLEXIBLE)
STA 79+95.50 TO STA 80+01.50
STA 81+37.50 TO STA 81+43.50

FENCE TO BE
MOVED BY OTHERS

STATE ST.

PR AGG SHOULDERS, TYPE B 6"

SEE SHEET 27 FOR
TWP RD 103B DETAILS

EX GUARDRAIL
AND TERMINAL
SECTIONS TO
BE REMOVED

EXIST. CURVE TR 103B
CURVE 1
PI STA. = 12+41.20
Δ = 47° 02' 48" (RT)
D = 22° 55' 06"
R = 250.00'
T = 108.82'
L = 205.28'
E = 22.66'
e = 0.02
S.E. MATCH EXISTING
P.C. STA. = 11+32.38
P.T. STA. = 13+37.66

N

0' 50' 100' 150'

SCALE: 1" = 50'

REVISIONS NAME	DATE

COOMBE-BLOXDORF P.C.
Engineers / Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002703

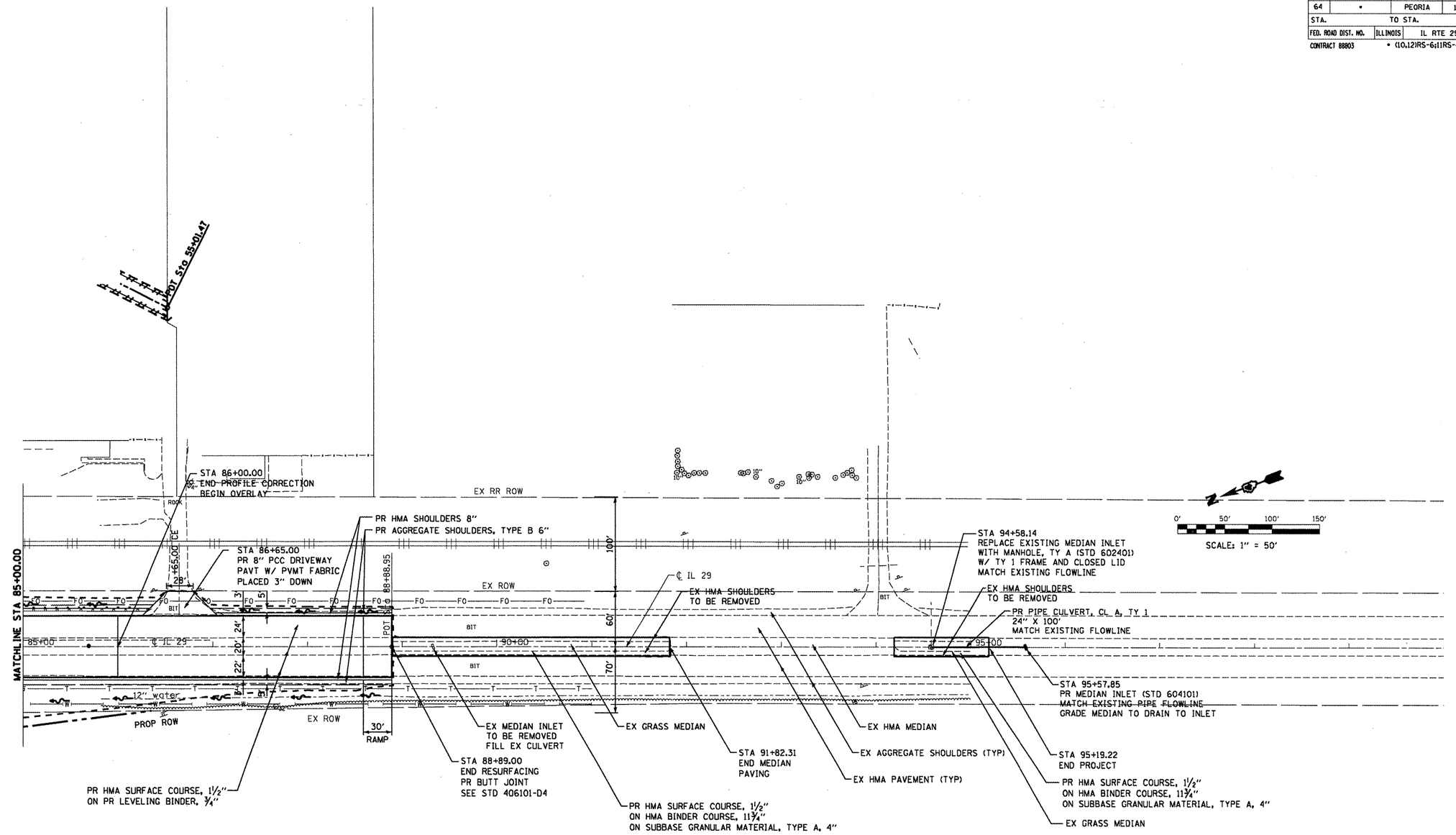
ILLINOIS DEPARTMENT OF TRANSPORTATION

IL RTE 29
STA 70+00 TO 85+00

SCALE:
DATE NOV 2007

DRAWN BY
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	•	PEORIA	186	28
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		
CONTRACT 88803		• (10,12)RS-6;(11RS-4;(10B)BR		



REVISIONS NAME	DATE

COOMBE-BLOXDORF P.C.
Engineers /Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002708

ILLINOIS DEPARTMENT OF TRANSPORTATION

IL RTE 29
STA 85+00 TO 95+19.22

SCALE:
DATE NOV 2007
DRAWN BY
CHECKED BY

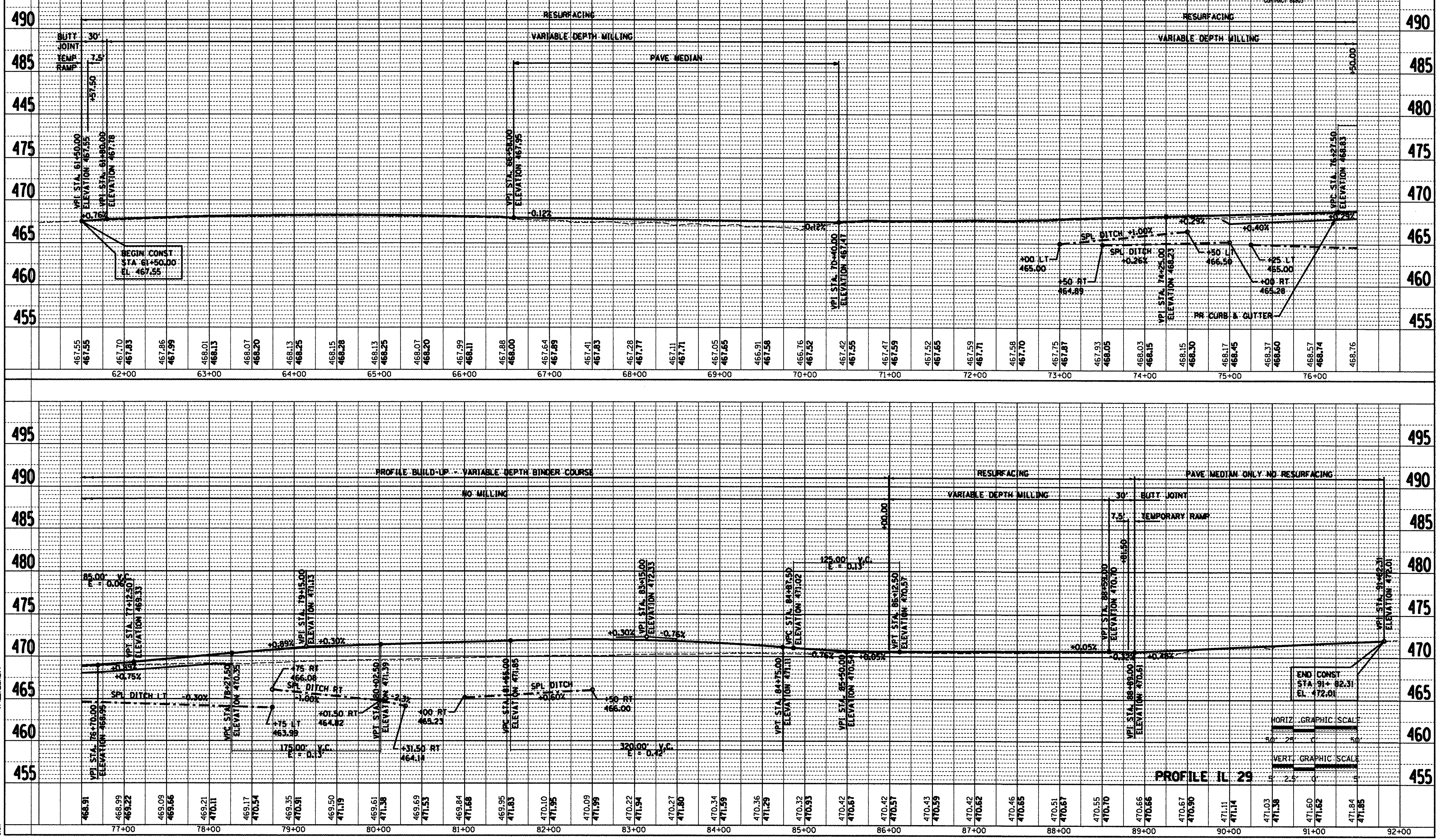
* (10,12)RS-6;(1)RS-4;(10B)BR

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	186	29

STA. 60+00.00 TO STA.92+00.00

FED. ROAD DIST. NO. ILLINOIS IL RTE 29

CONTRACT 68803



10/17/2008
#FILEABBREV#

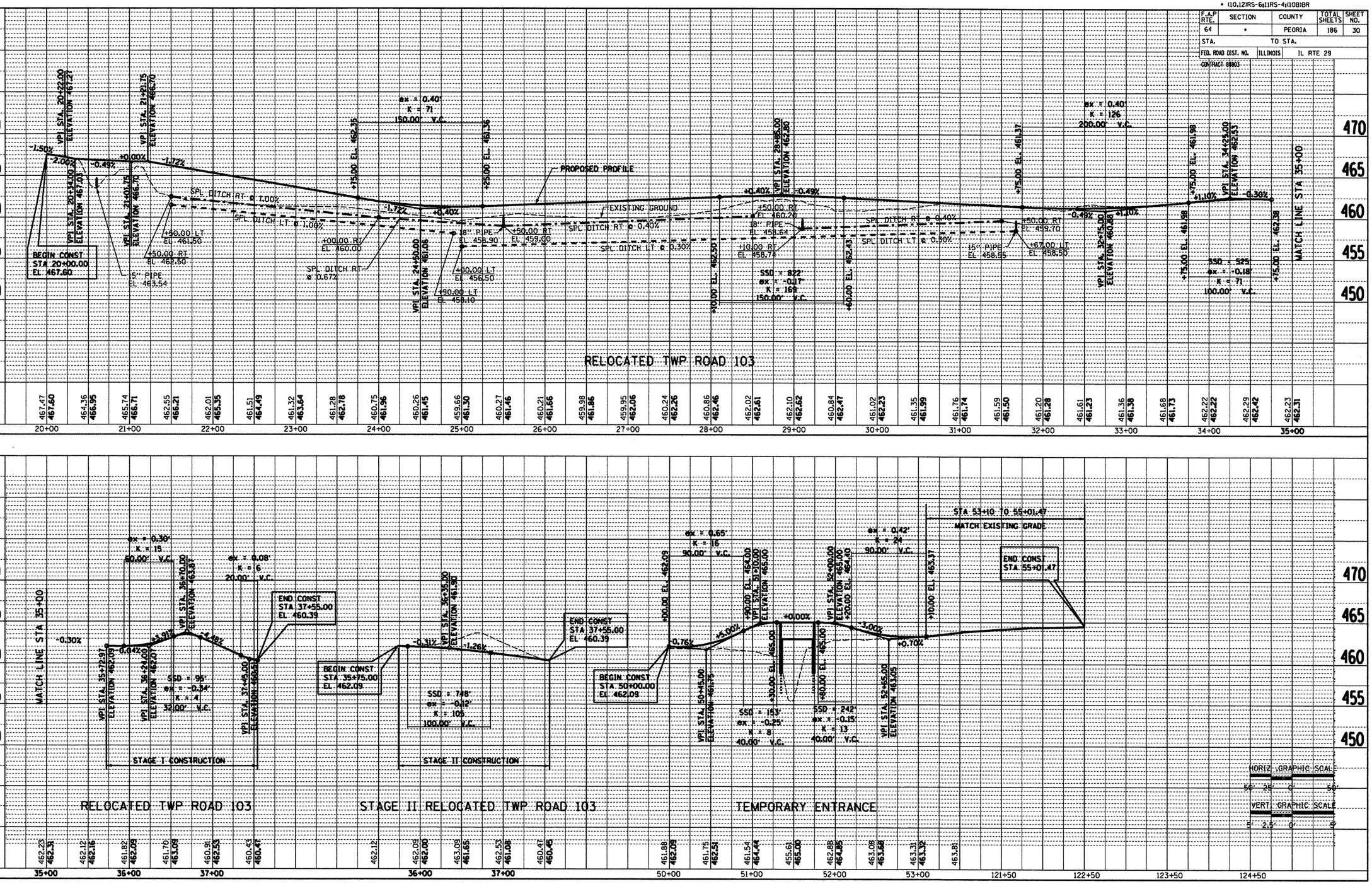
• (10,12)RS-6‡1RS-4‡(10B)BR

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	•	PEORIA	186	30
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		
CONTRACT 88803				

PLAN
SURVEYED
DESIGNED
GRADES CHECKED
R.O.W. MONUMENTS
PLAT OF R.O.W. CHECKED
PLAN FILE NAME
NOTE BOOK
NO.
BY
DATE

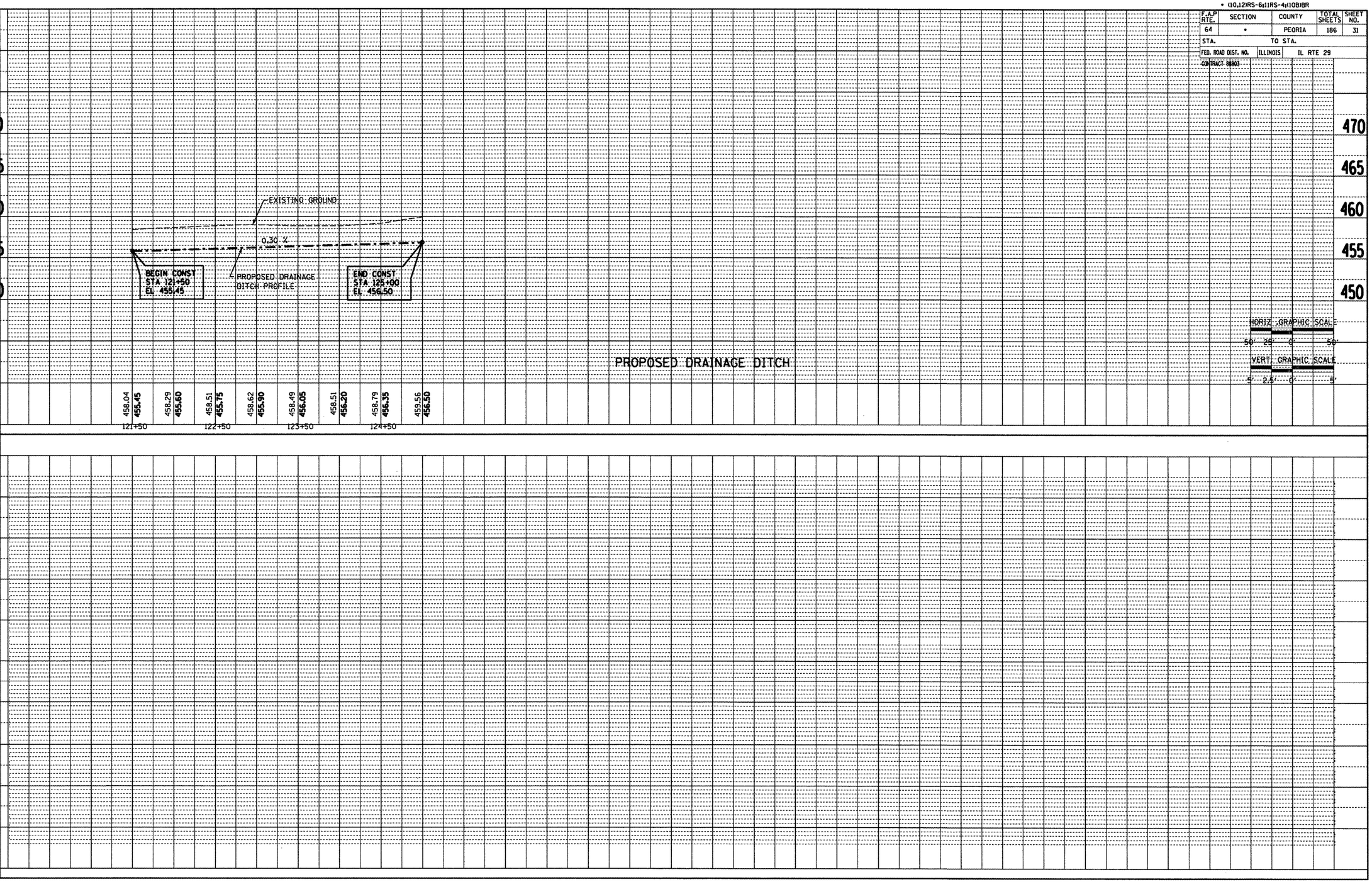
PROFILE
SURVEYED
DESIGNED
GRADES CHECKED
STRUCTURE NO
STA.
NOTE BOOK
NO.
BY
DATE

10/20/2008
$FILENAME$



• (10,12)RS-6g1)RS-4(10B)BR

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	•	PEORIA	186	31
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		
CONTRACT 88803				



PLAN

NOTE BOOK NO.	SURVEYED	BY	DATE
	PLOTTED		
	DRAWN BY		
	CHECKED BY		
	ADD'L CHECKED BY		
	CADD FILE NAME		

PROFILE

NOTE BOOK NO.	SURVEYED	BY	DATE
	PLOTTED		
	DRAWN BY		
	CHECKED BY		
	STRUCTURE NO'S/ATHS CHKD		

10/20/2009
#FILEABBREV#

CADD

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	183	32
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		

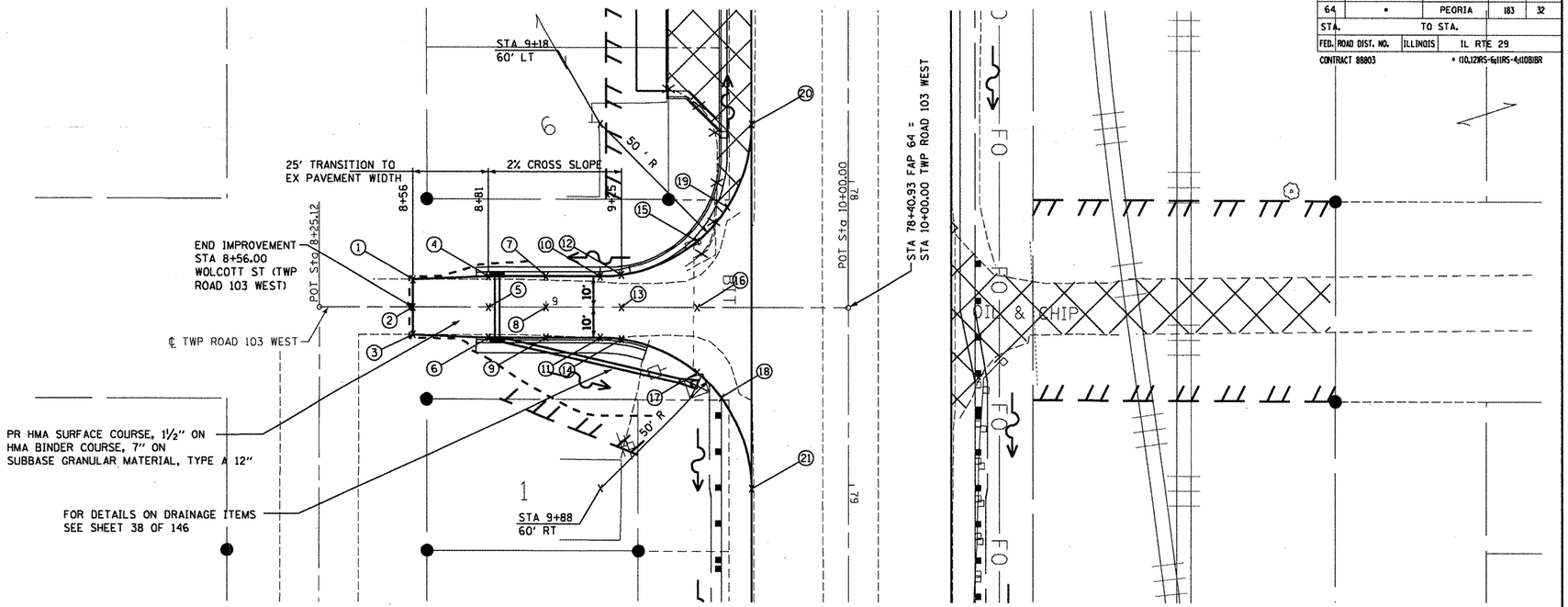
CONTRACT 88803 * (10,12)RS-6(11)RS-4(10)BIBR

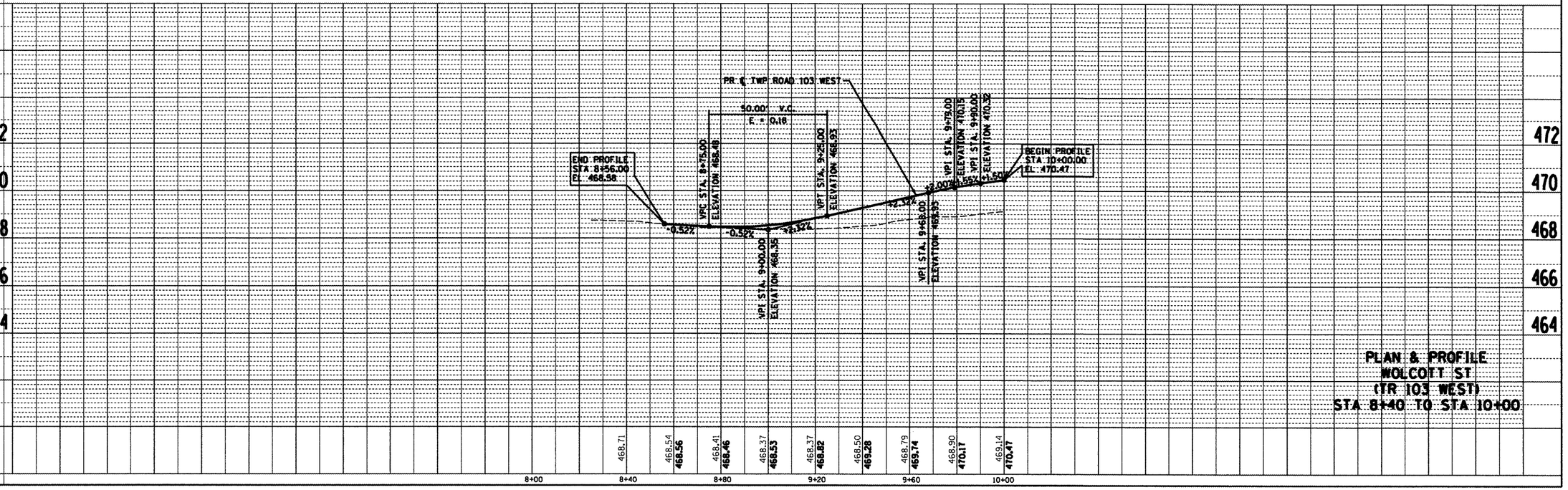
N

0' 20' 40' 60'

SCALE: 1"=20' HORIZ
1"=2' VERT

POINT	STATION	OFFSET	ELEVATION	DESCR
1	8+56.00	9.00 LT	468.46	EOP
2	8+56.00	0.00	468.58	℄ PVMNT
3	8+56.00	9.00 RT	468.55	EOP
4	8+81.00	10.00 LT	468.26	EOP
5	8+81.00	0.00	468.46	℄ PVMNT
6	8+81.00	10.00 RT	468.26	EOP
7	9+00.00	10.00 LT	468.33	EOP
8	9+00.00	0.00	468.53	℄ PVMNT
9	9+00.00	10.00 RT	468.33	EOP
10	9+18.00	10.00 LT	468.66	EOP
11	9+18.00	10.00 RT	468.66	EOP
12	9+25.00	10.49 LT	468.91	EOP
13	9+25.00	0.00	468.93	℄ PVMT
14	9+25.00	10.49 RT	468.91	EOP
15	9+50.00	21.58 LT	469.19	EOP
16	9+50.00	0.00	469.51	℄ PVMNT
17	9+50.00	21.58 RT	469.44	EOP
18	9+54.00	30.00 RT	469.77	EOP
19	9+60.00	32.87 LT	469.32	EOP
20	9+68.00	60.00 LT	469.41	EOP
21	9+68.00	60.00 RT	470.38	EOP





PLAN & PROFILE
WOLCOTT ST
(TR 103 WEST)
STA 8+40 TO STA 10+00

PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
QUANTITIES CHECKED
ALIGNMENT CHECKED
BM. NOTED
PLANS FILE NAME
BY
DATE

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
QUANTITIES CHECKED
BM. NOTED
STRUCTURE NOTATIONS CHKD
BY
DATE

10/17/2008
#FILEABBREV#

QKW

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	183	33
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		

CONTRACT 88803 * (10,12)RS-6(111)RS-4(108)BR

PLAN

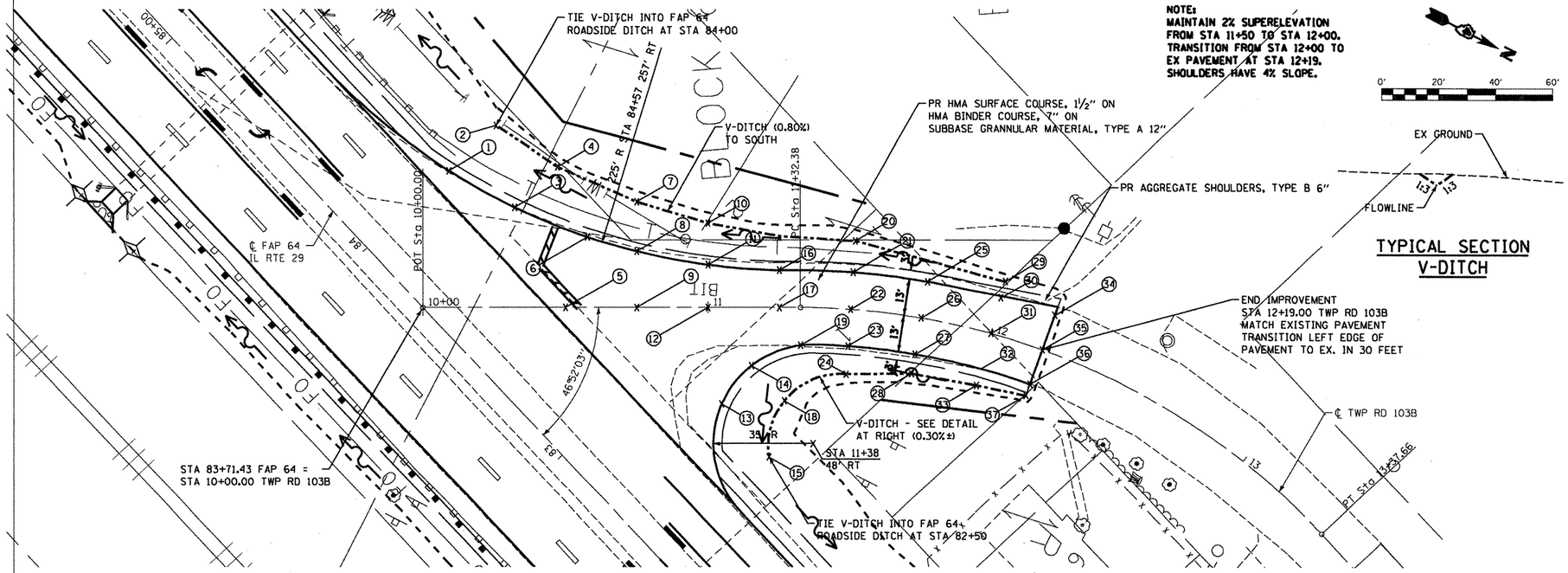
DESIGNED	BY	DATE
PLOTTED		
ALIGNMENT CHECKED		
GRADES CHECKED		
NOTE BOOK	HIGHWAY STANDARDS	
NO.	STRUCTURE NOTATIONS CHKD	
	PLAN FILE NAME	

PROFILE

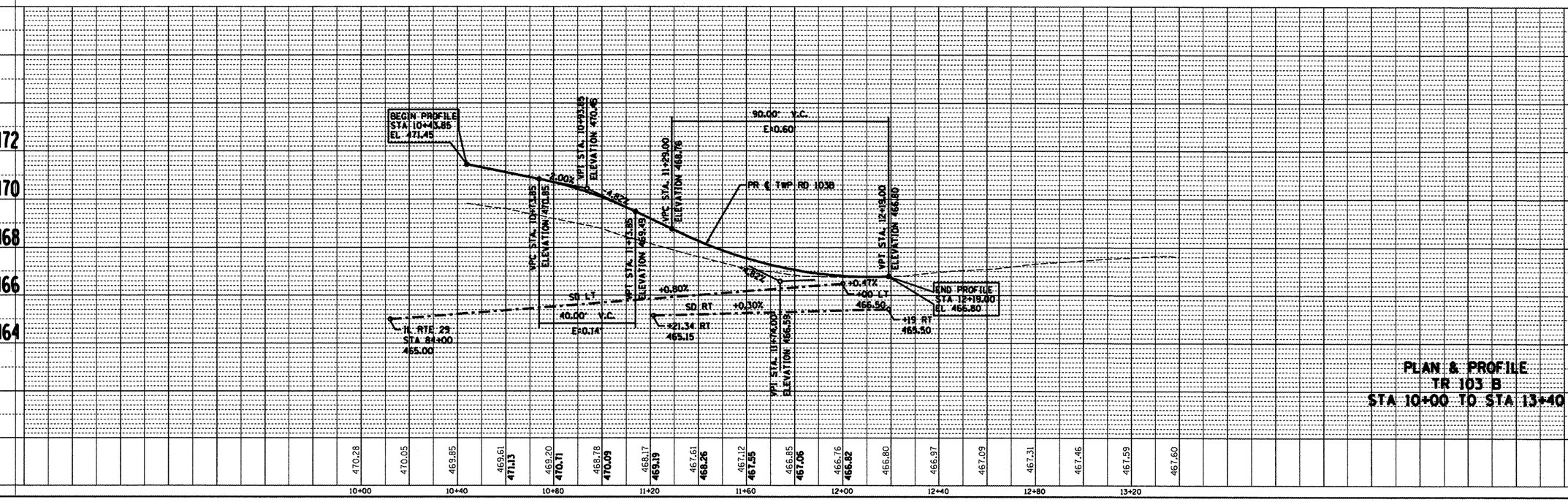
DESIGNED	BY	DATE
PLOTTED		
GRADES CHECKED		
NOTE BOOK	HIGHWAY STANDARDS	
NO.	STRUCTURE NOTATIONS CHKD	

10/17/2008
#FILEADBREV#

DGN

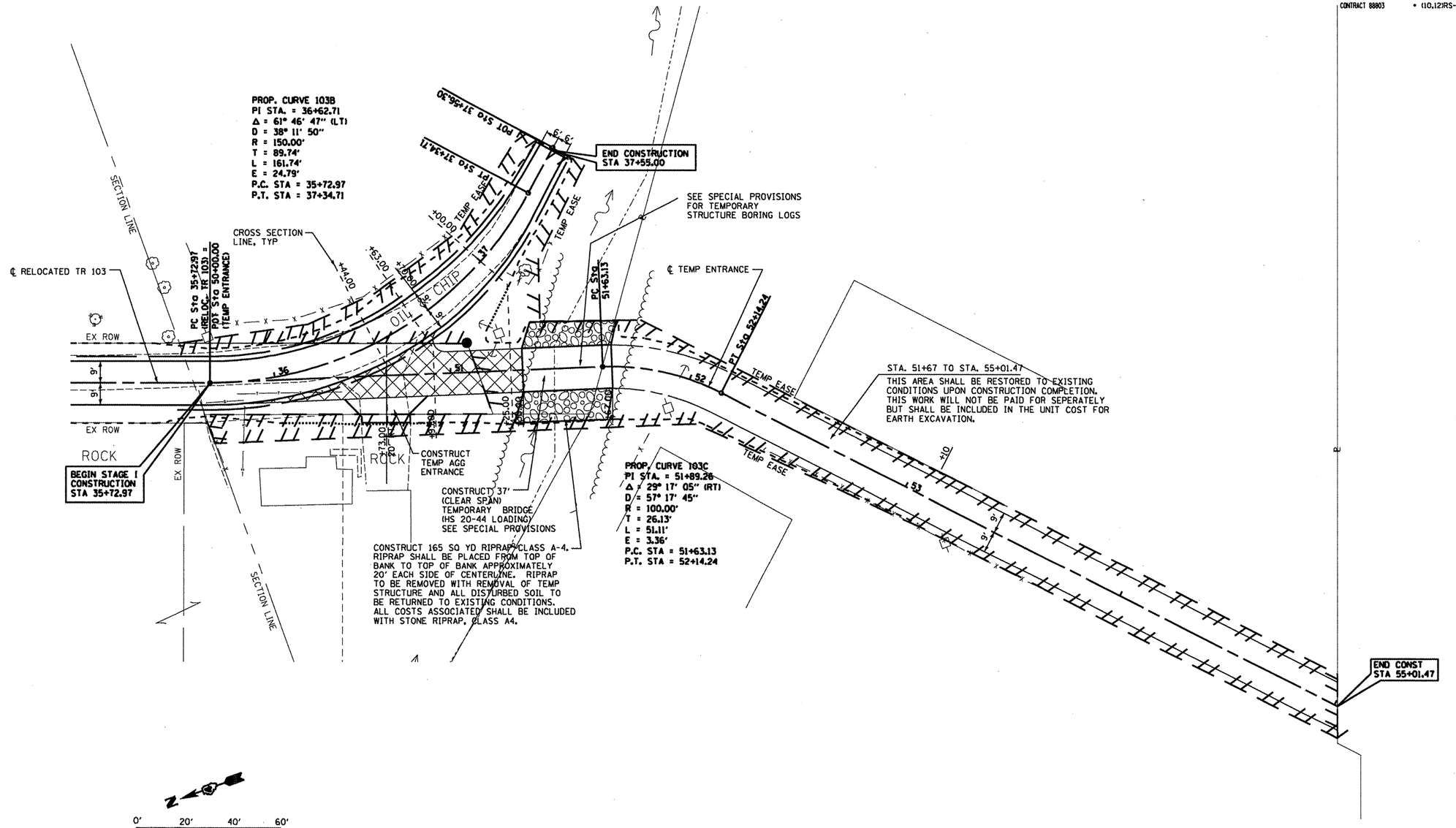


POINT	STATION	OFFSET	ELEVATION	DESCR
1	10+09.14	47.40 LT	470.94	EOP
2	10+25.72	63.24 LT	465.00	℄ DITCH
3	10+32.14	35.00 LT	470.69	EOP
4	10+47.19	49.09 LT	465.20	℄ DITCH
5	10+50.00	0.00	471.31	℄ PVMNT
6	10+57.67	24.66 LT	470.53	EOP
7	10+75.00	37.00 LT	465.41	℄ DITCH
8	10+75.00	19.62 LT	470.46	EOP
9	10+75.00	0.00	470.85	℄ PVMNT
10	11+00.00	29.50 LT	465.66	℄ DITCH
11	11+00.00	14.89 LT	469.84	EOP
12	11+00.00	0.00	470.09	℄ PVMNT
13	11+04.77	33.99 RT	470.78	EOP
14	11+15.17	20.55 RT	469.74	EOP
15	11+21.34	52.73 RT	465.15	℄ DITCH
16	11+25.00	13.03 RT	469.21	EOP
17	11+25.00	0.00	468.95	℄ PVMNT
18	11+26.69	32.84 RT	465.23	℄ DITCH
19	11+32.38	13.33 RT	468.69	EOP
20	11+50.00	24.00 LT	466.08	℄ DITCH
21	11+50.00	13.00 LT	468.14	EOP
22	11+50.00	0.00	467.88	℄ PVMNT
23	11+50.00	13.00 RT	467.62	EOP
24	11+50.00	23.00 RT	465.31	℄ DITCH
25	11+75.00	13.00 LT	467.42	EOP
26	11+75.00	0.00	467.16	℄ PVMNT
27	11+75.00	13.00 RT	466.90	EOP
28	11+75.00	20.00 RT	465.37	℄ DITCH
29	12+00.00	19.00 LT	466.50	℄ DITCH
30	12+00.00	13.00 LT	467.08	EOP
31	12+00.00	0.00	466.82	℄ PVMNT
32	12+00.00	13.00 RT	466.56	EOP
33	12+00.00	19.00 RT	465.45	℄ DITCH
34	12+19.00	13.00 LT	467.30	EOP
35	12+79.00	0.00	466.80	℄ PVMNT
36	12+19.00	13.00 RT	466.75	EOP
37	12+19.00	17.00 RT	465.50	℄ DITCH



PLAN & PROFILE
TR 103 B
STA 10+00 TO STA 13+40

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	186	34
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		
CONTRACT 88803	* (10,12)RS-6(11)RS-4(10B)BR			



REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY ENTRANCE

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

CONTRACT No. 88803

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	•	PEORIA	186	35
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		

PRIOR TO STAGE I CONSTRUCTION

CONSTRUCTION OF RELOCATED TWP ROAD 103 TO BE COMPLETED PRIOR TO STAGE CONSTRUCTION FOR FAP 64 (IL RT 29). STDS BLR-22 AND 701101 SHALL BE UTILIZED.

ANY MODIFICATIONS REQUIRED BY THE ENGINEER TO EXECUTE STANDARD 701431 TRAFFIC CONTROL WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF TRAFFIC CONTROL & PROTECTION STANDARD 701431.

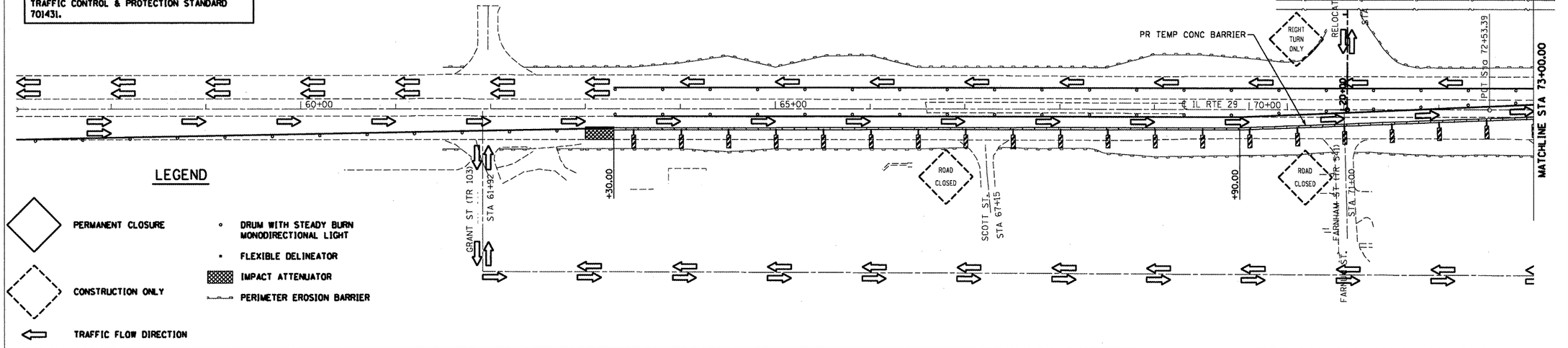
STAGE I SEQUENCE OF CONSTRUCTION

AFTER CONSTRUCTION OF RELOCATED TR 103 IS COMPLETED, CLOSE E. SHEFFIELD ST. (PE) AND E. WOLCOTT ST. PLACE TEMPORARY CONCRETE BARRIERS AS SHOWN AND OTHER TRAFFIC CONTROL IN ACCORDANCE WITH TRAFFIC CONTROL STANDARD 701431.

DIRECT TRAFFIC TO STAGE I ROADWAY AND COMPLETE STAGE I STRUCTURAL WORK, PAVEMENT REMOVAL, PAVEMENT BUILD-UP, SHOULDER CONSTRUCTION, SIDEROAD IMPROVEMENT, GUARDRAIL CONSTRUCTION, AND DRAINAGE WORK AS SHOWN IN THE PLANS.

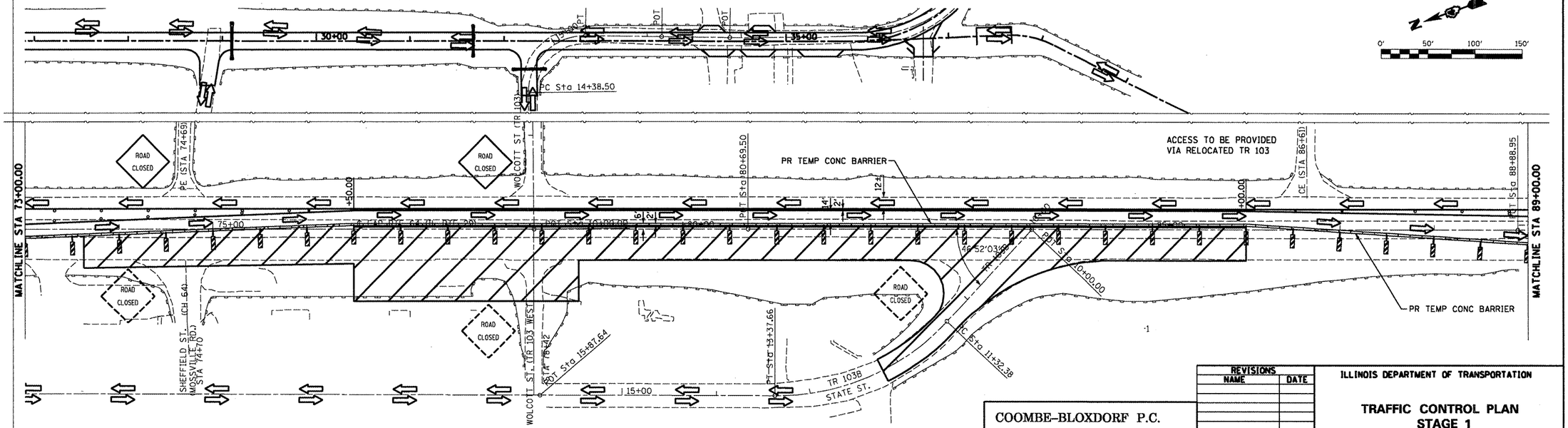
STANDARDS

701011	701431
701101	702001
701421	704001
701426	BLR-22



LEGEND

- PERMANENT CLOSURE
- CONSTRUCTION ONLY
- TRAFFIC FLOW DIRECTION
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- FLEXIBLE DELINEATOR
- IMPACT ATTENUATOR
- PERIMETER EROSION BARRIER



10/17/2008
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ODII

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN STAGE 1

SCALE:

DRAWN BY CFC

DATE AUG. 2008

CHECKED BY MCB/GLS

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Engineers / Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002708

CONTRACT No. 88803

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	183	36
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		

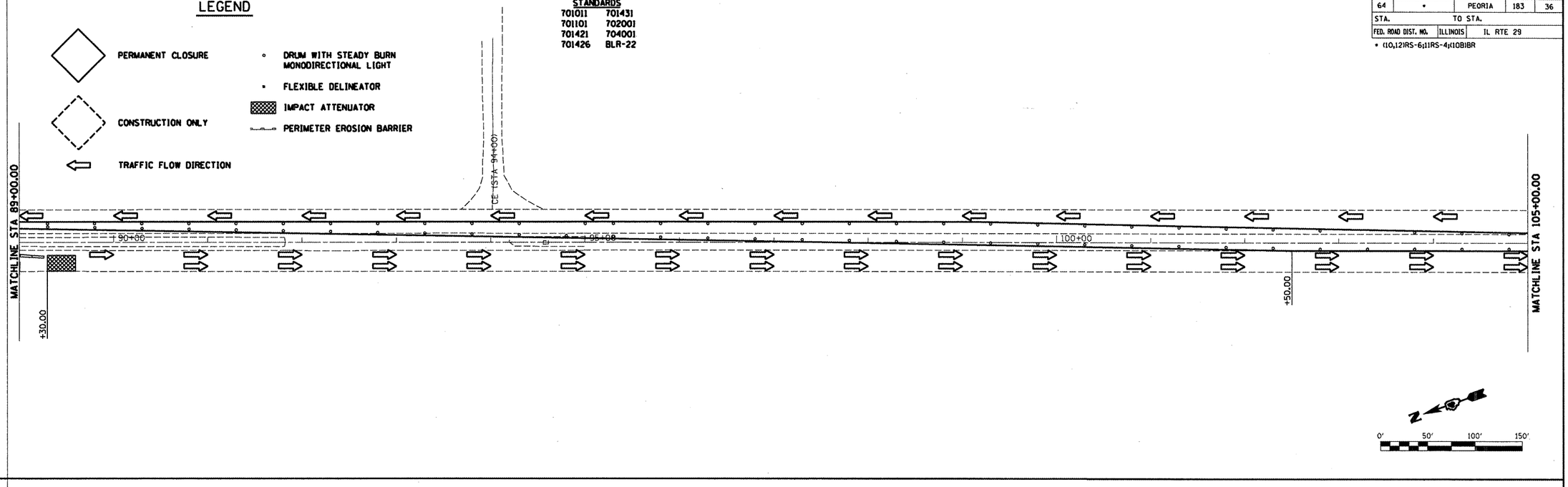
* (10,12)RS-6;11RS-4;10B)BR

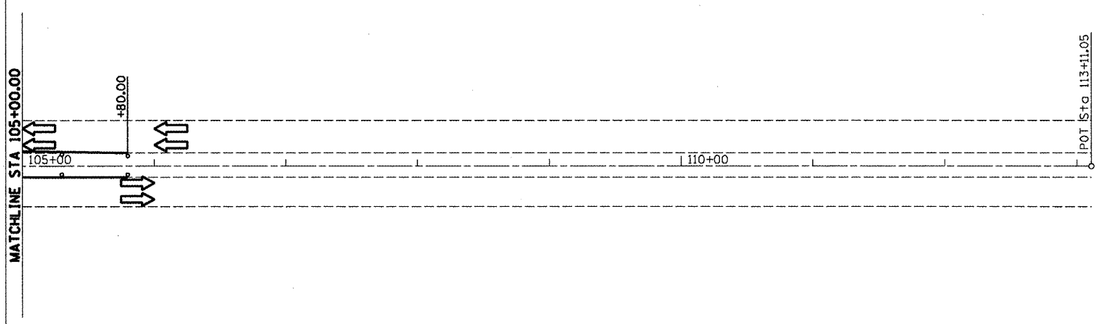
LEGEND

- PERMANENT CLOSURE
- CONSTRUCTION ONLY
- TRAFFIC FLOW DIRECTION
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- FLEXIBLE DELINEATOR
- IMPACT ATTENUATOR
- PERIMETER EROSION BARRIER

STANDARDS

701011	701431
701101	702001
701421	704001
701426	BLR-22





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REVISIONS NAME	DATE

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Engineers /Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002703

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN STAGE 1

SCALE:
DATE AUG. 2008

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CONTRACT No. 88803

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	•	PEORIA	183	37
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		

• (10,12)RS-6;11RS-4;(10B)BR

STAGE II SEQUENCE OF CONSTRUCTION

RELOCATE BARRIER WALLS AND IMPACT ATTENUATORS AND PUT IN PLACE OTHER TRAFFIC CONTROL MEASURES FOR STAGE II AS REQUIRED BY STANDARD 701431.

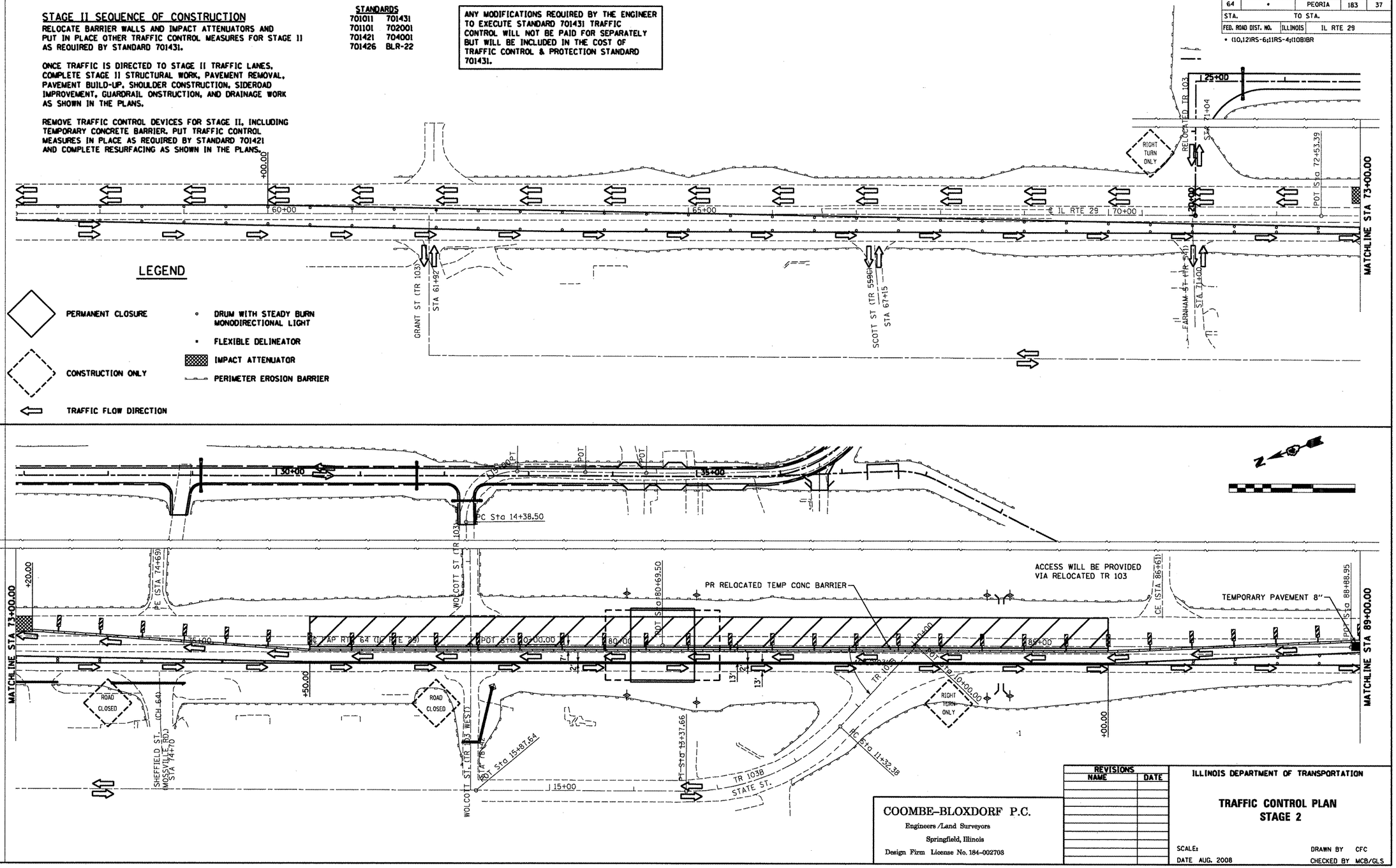
ONCE TRAFFIC IS DIRECTED TO STAGE II TRAFFIC LANES, COMPLETE STAGE II STRUCTURAL WORK, PAVEMENT REMOVAL, PAVEMENT BUILD-UP, SHOULDER CONSTRUCTION, SIDEROAD IMPROVEMENT, GUARDRAIL ONSTRUCTION, AND DRAINAGE WORK AS SHOWN IN THE PLANS.

REMOVE TRAFFIC CONTROL DEVICES FOR STAGE II, INCLUDING TEMPORARY CONCRETE BARRIER. PUT TRAFFIC CONTROL MEASURES IN PLACE AS REQUIRED BY STANDARD 701421 AND COMPLETE RESURFACING AS SHOWN IN THE PLANS.

STANDARDS

701011	701431
701101	702001
701421	704001
701426	BLR-22

ANY MODIFICATIONS REQUIRED BY THE ENGINEER TO EXECUTE STANDARD 701431 TRAFFIC CONTROL WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF TRAFFIC CONTROL & PROTECTION STANDARD 701431.



REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN STAGE 2

SCALE:

DATE AUG. 2008

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Springfield, Illinois
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ORDR

CONTRACT No. 88803

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	•	PEORIA	183	38
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		

• (10,12)RS-6;11RS-4;(10B)BR

LEGEND

PERMANENT CLOSURE

CONSTRUCTION ONLY

TRAFFIC FLOW DIRECTION

DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT

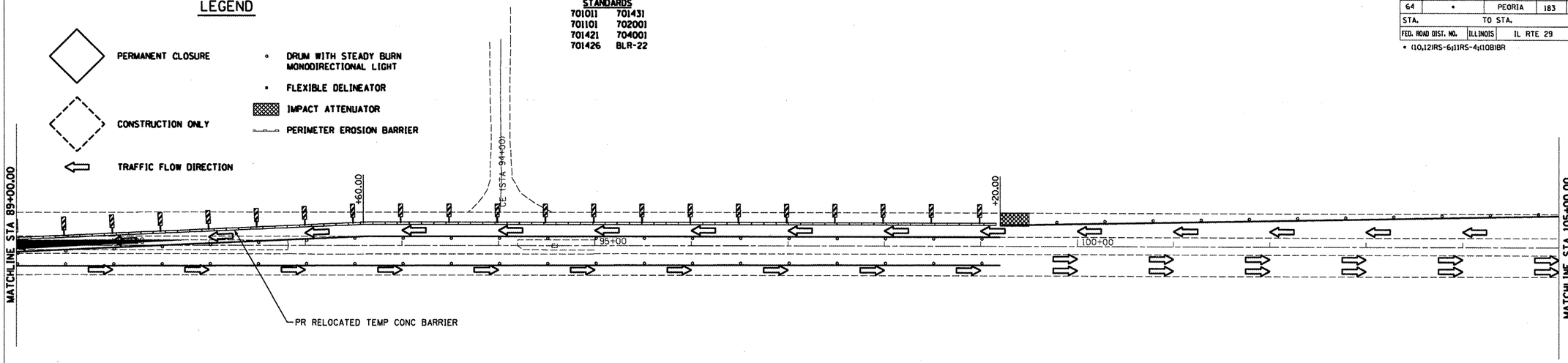
FLEXIBLE DELINEATOR

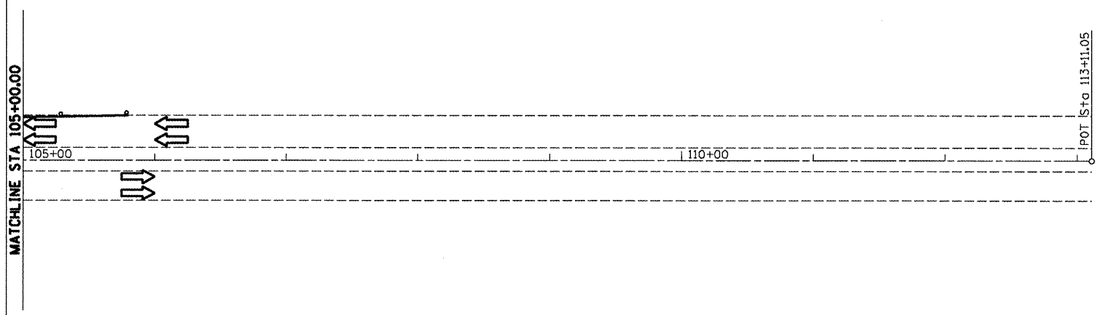
IMPACT ATTENUATOR

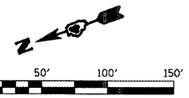
PERIMETER EROSION BARRIER

STANDARDS

701011	701431
701101	702001
701421	704001
701426	BLR-22







10/17/2008
#FILEABBREV#

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Engineers /Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002708

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
STAGE 2

SCALE:
DATE AUG. 2008

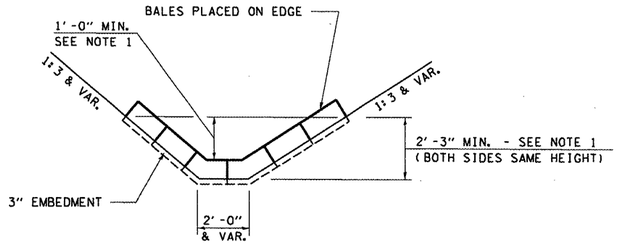
DRAWN BY CFC
CHECKED BY MCB/GLS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	•	PEORIA	186	39
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		
CONTRACT 88803		• (10,12)RS-6x11RS-4x(10B)BR		

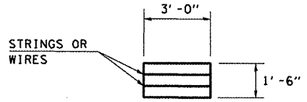
LEGEND

(FOR THE EROSION CONTROL PLAN SHEETS)

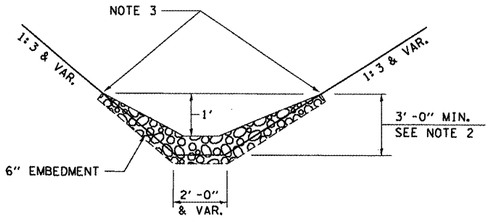
ITEM	SYMBOL
AGGREGATE (EROSION CONTROL) [STONE DUMPED RIPRAP DITCH CHECKS (Height = 2'-0")]	
TEMPORARY DITCH CHECKS/INLET PIPE PROTECTION (I&PP) (HAY OR STRAW BALE DITCH CHECKS OR APPROVED SUBSTITUTION)	
EROSION CONTROL FENCE	
EARTH EXCAVATION FOR EROSION CONTROL (SEDIMENT BASINS)	
PRESERVE EXISTING TREES, WOODLANDS, AND UNDERSTORY (OUTSIDE CONSTRUCTION LIMITS)	
EROSION CONTROL BLANKET	
ITEM PLACED AT BEGINNING OF CONSTRUCTION (Requirement)	* ITEM *
ITEM PLACED AS DIRECTED BY ENGINEER (When required by situation)	ITEM
DIRECTION OF OVERLAND FLOW	
INLET AND PIPE PROTECTION	
RIPRAP	



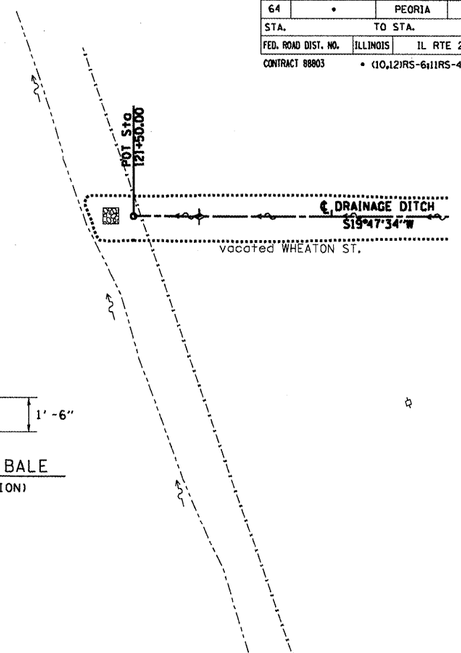
HAY OR STRAW BALE DITCH CHECK
(TYPICAL)

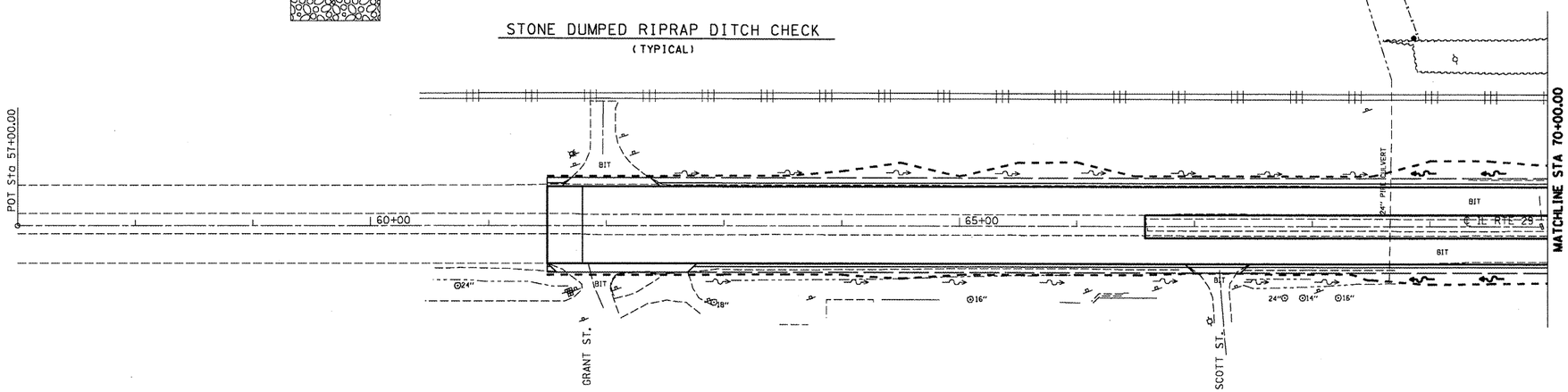


HAY OR STRAW BALE
(TYPICAL ELEVATION)



STONE DUMPED RIPRAP DITCH CHECK
(TYPICAL)





GENERAL NOTES:

All items shall be constructed as shown on this sheet, on Standard 280001, and as directed by the Engineer.

The symbology on the STORM WATER POLLUTION PREVENTION PLAN sheets does not represent the size or quantity of bales, for number of bales refer to details and notes shown on this sheet and/or as directed by the Engineer.

NOTE 1: BALES SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 1' OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE BALES.

NOTE 2: RIPRAP SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 1' OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE RIPRAP.

NOTE 3: ENDS SHALL BE TIED INTO SLOPES.

COOMBE-BLOXDORF P.C.
Engineers/Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002703

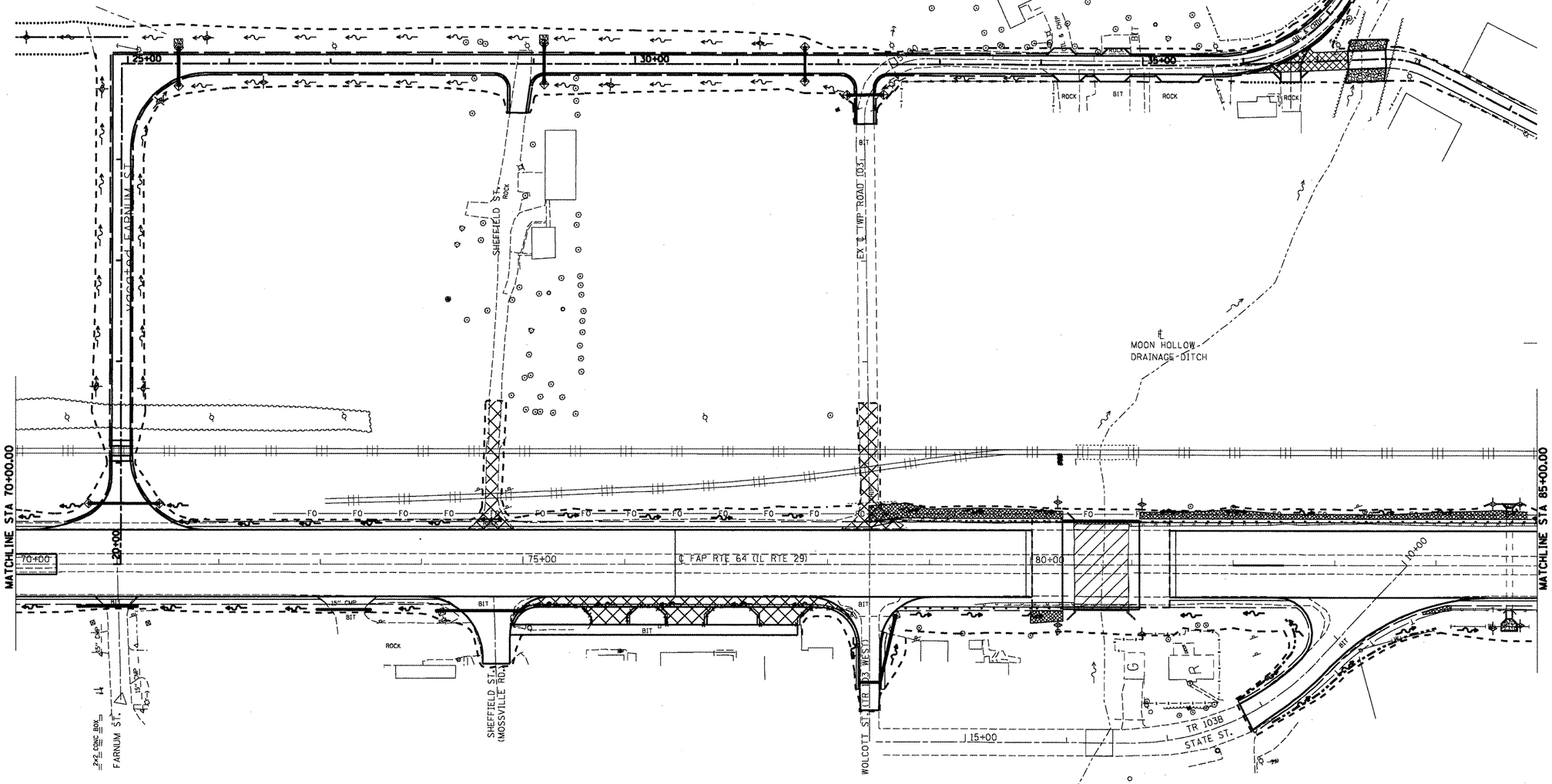
REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
IL RTE 29
STA 61+50 TO 70+00

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	186	40
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		
CONTRACT 88803		* (10,12)RS-6;(11)RS-4;(10B)BR		



REVISIONS NAME	DATE

COOMBE–BLOXDORF P.C.
Engineers /Land Surveyors
Springfield, Illinois
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ILLINOIS DEPARTMENT OF TRANSPORTATION

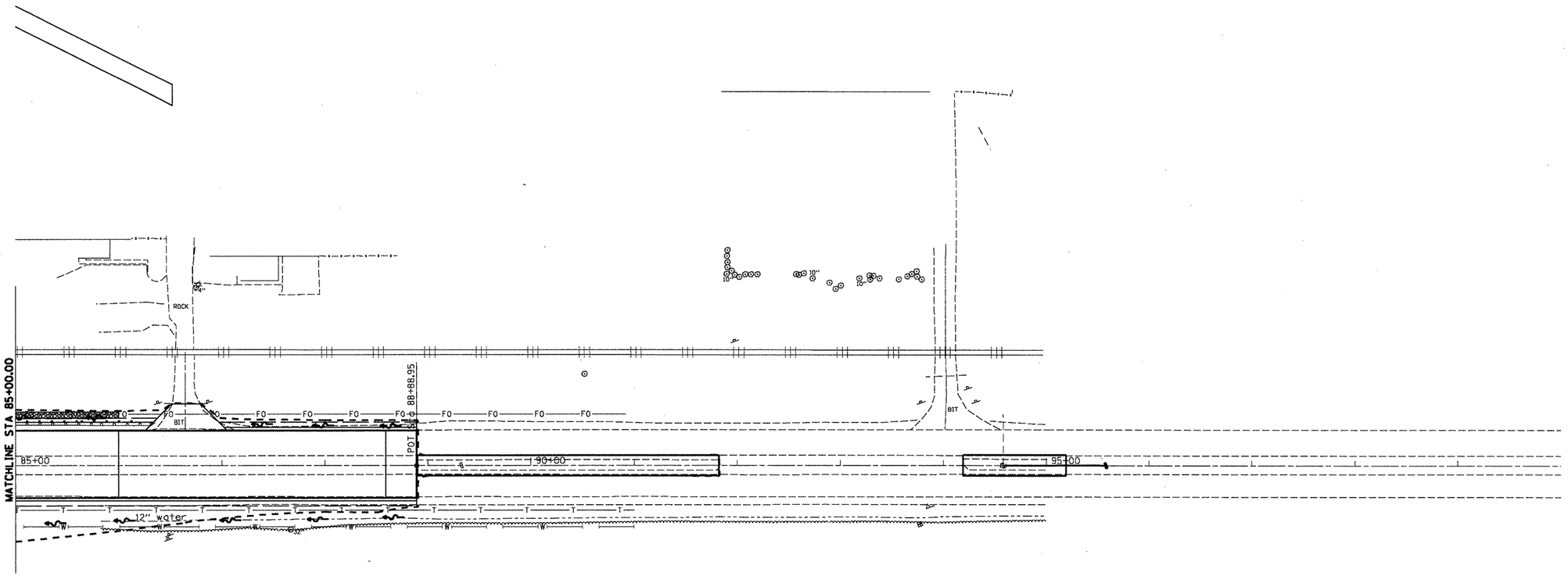
EROSION CONTROL PLAN STA 70+00 TO 85+00

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	186	41
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		

CONTRACT 89803 * (10,12)RS-6;11RS-4(10B)BR



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Springfield, Illinois
Design Firm License No. 184-002708

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN STA 85+00 TO 91+82.31

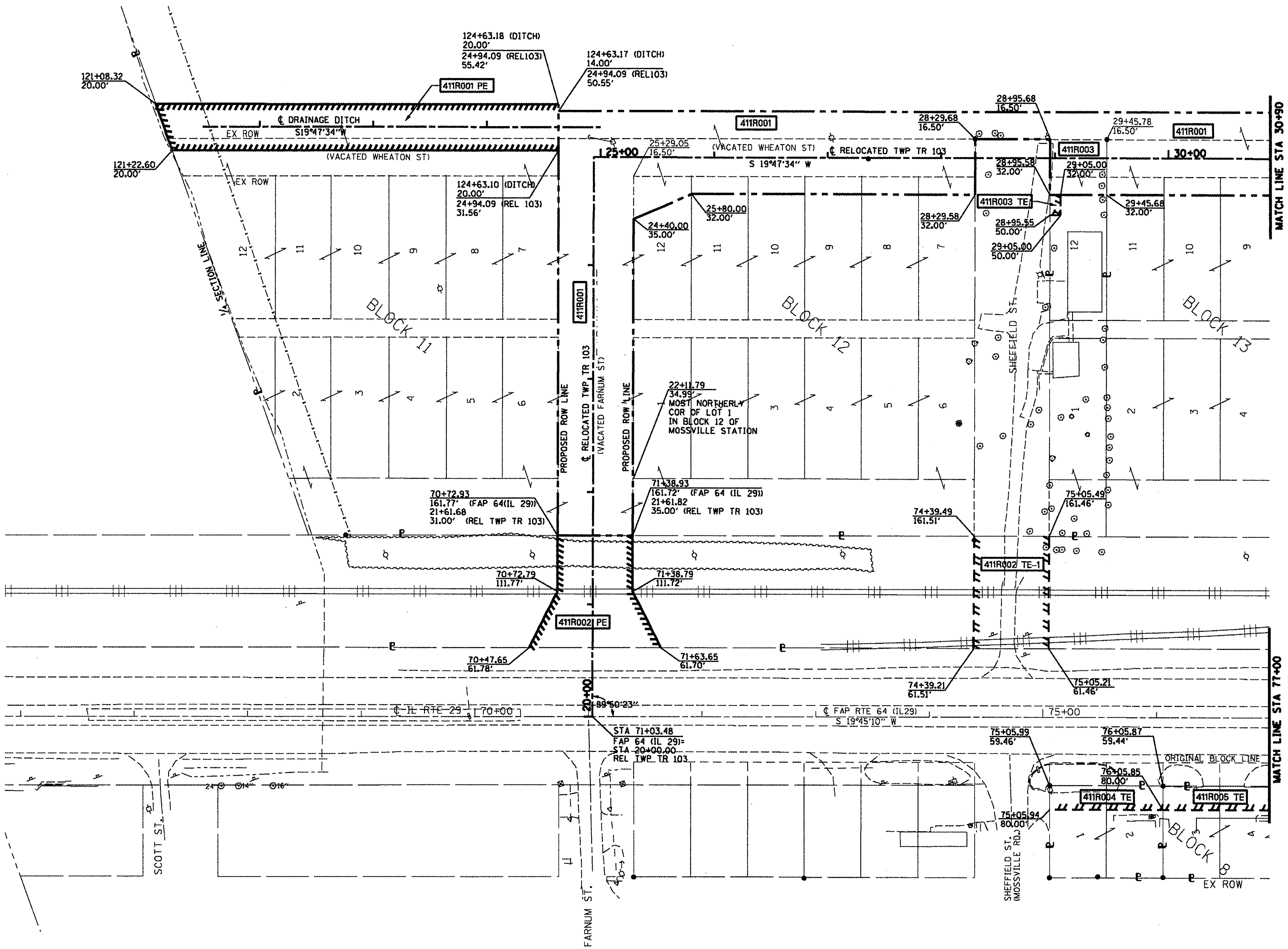
SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LEGEND

- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- PROPERTY LINE
- FOUND IRON PIPE OR IRON PIN



NE 1/4 SECTION 27 T.10N R.8E 4th PM

SE 1/4 SECTION 27 T.10N R.8E 4th PM

SCALE: 1" = 50'

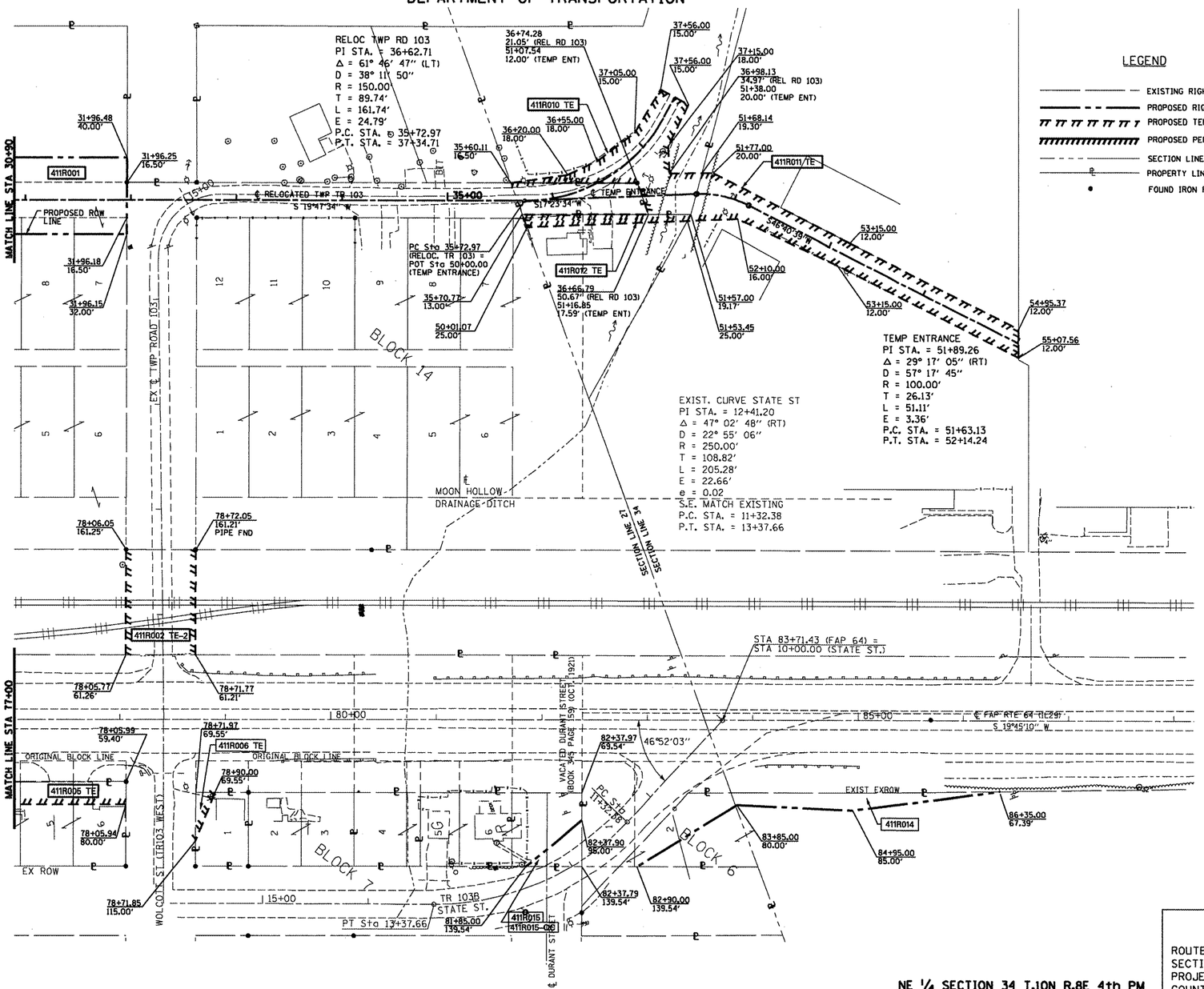
RIGHT OF WAY PLANS

ROUTE FAP 64
SECTION (10,12)RS-6;11RS-4;(10B)BR
PROJECT
COUNTY PEORIA
JOB NO. R-94-011-00
STA 68+00.00 TO STA 77+00.00
SCALE 1 : 50

SHEET NO. 1 OF 2

PLOT DATE = 10/17/2008
FILE NAME = S:\GEN\DRAFT\STD&PLNS\SQUAD...
PLOT SCALE = 105.882 ' / IN.
USER NAME = bruceton

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



LEGEND

- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- PROPERTY LINE
- FOUND IRON PIPE OR IRON PIN

SE ¼ SECTION 27 T.10N R.8E 4th PM

NE ¼ SECTION 34 T.10N R.8E 4th PM

50' 0 50' 100'
SCALE: 1" = 50'

RIGHT OF WAY PLANS

ROUTE FAP 64
SECTION (10,12)RS-6;11RS-4;(10B)BR
PROJECT
COUNTY PEORIA
JOB NO. R-94-011-00
STA 77+00.00 TO STA 88+00.00
SCALE 1 : 50

SHEET NO. 2 OF 2

CATALOG NO.: 031572-00 CONTRACT NO.: 88803

PLOT DATE = 10/17/2000
FILE NAME = S:\DESIGN\DRAFT\STDPLNS\SQUAD1B\88803 Nick and Jon\rowplan#2.dgn
PLOT SCALE = 185.882 ' / IN.
USER NAME = bcudson

CONTRACT No. 88803

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	(10B) BR	PEORIA	183	44
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		

0' 20' 40' 60'

STA 75+00.00 46.87' RT
PR INLET TY B (STD 602306)
W/ FLAT SLAB TOP (STD 602601)
& TY 3 F&G (STD 604006)
FL TOG = 467.46
FL INVERT = 465.18
CUT TOP OF PIPE TO FIT INSIDE INLET

EX INLET & 18" RCP
TO BE REMOVED
EX 8" CLAY PIPE TO
TIE INTO PR INLET

EX 15" CULVERT -- TBR
PR 18" CMP

PR PIPE CULVERT CLASS A, TY 1, 18" EQ (80')
AND 1-PRC FLARED END SECTION, 18" EQ
STA 75+00.00 46.87' RT USFL = 465.28
STA 74+20.00 46.87' RT DSFL = 465.18

STA 75+15.04
67.58 RT

PR BIT PAVEMENT
TRANSITION PR ELEV TO EX
SAWCUT ALONG EX PAVEMENT

SHEFFIELD ST.
(MOSSVILLE RD.)

BLOCK 8

EX INLET & PIPE
TO BE REMOVED

Sta 77+81.27
82.00 RT

STA 77+91.07
80.00 RT

PR CONC GUTTER
TY A (MODIFIED)
(STD 606101-D4)

STA 8+84.00 10.5' LT
PR INLET TY A (STD 602301)
W/ TY 9 F&G (STD 604041-01)
FL TOG = 468.26
FL INVERT = 466.26

PR PIPE CULVERT,
CLASS A, TY 1, 12" x 21'
STA 8+84.00, 10.5' LT USFL = 466.26
STA 8+84.00, 10.5' RT DSFL = 466.20

10'± TRANSITION FR. CCC&G, TY B-6.24
TO CONC GUTTER, TY A (MODIFIED)
(STD 606101-D4)

STA 79+01.27
82.00 RT

PR PIPE CULVERT
CLASS A, TY 1, 12" x 56'
w/ 1 12" PRC FLARED END SECTION
STA 8+84, 10.5' RT USFL = 466.21
IL 29 STA 78+75, 58' RT DSFL = 466.08

PR CONC GUTTER
TY B (MODIFIED)
(STD 606201-D4)

STA 8+84.00, 10.5' RT
PR INLET TY B, SPECIAL (SEE DETAIL BELOW)
W/ SPECIAL FRAME & GRATE
(SEE SPECIAL PROVISIONS)
FL TOG = 468.26
FL INVERT = 466.21

POT Sta 15+87.64

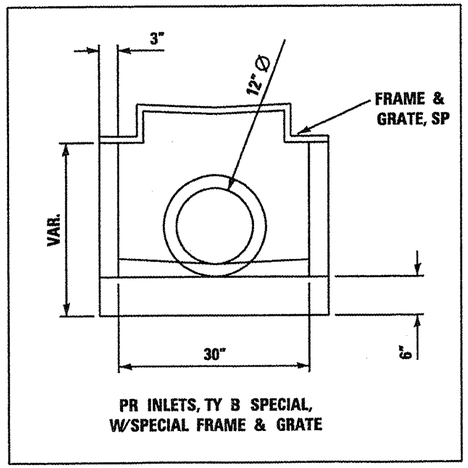
WOLCOTT ST. (TR 103 WEST)

POT Sta 8+25.12

POT Sta 10+00.00

74 | 75+00 | 76 | 77 | 78 | 79 | 15+00

POINT	STATION	EDGE OF PVT/SHLDR OFFSET	EDGE OF PVT/SHLDR ELEVATION	FLOWLINE STATION	FLOWLINE OFFSET	FLOWLINE ELEVATION
1	74+89.26	57.77' RT	468.02	74+91.13	58.46' RT	467.88
2	74+98.82	45.27' RT	467.57	75+00	46.87' RT	467.46
3	75+15.04	40' RT	467.84	75+15.04	42' RT	467.49
4	75+43.60	40' RT	467.74	75+43.60	42' RT	467.8
5	75+67.42	60' RT	468.62	75+65.42	60' RT	468.5
6	75+02.59	60' RT	468.74	76+04.59	60' RT	468.62
7	76+22.42	40' RT	468.06	76+22.42	42' RT	467.92
8	76+22.44	40' RT	468.06	76+22.44	42' RT	467.92
9	76+42.27	60' RT	468.57	76+40.27	60' RT	468.45
10	76+28.62	40' RT	468.27	76+78.63	42' RT	468.13
11	76+75.92	60' RT	468.7	76+77.92	60' RT	468.58
12	77+02.44	40' RT	468.49	77+02.44	42' RT	468.35
13	77+09.02	40' RT	468.54	77+09.02	42' RT	468.4
14	77+32.84	60' RT	469.06	77+30.84	60' RT	468.94
15	77+70.20	60' RT	469.31	77+72.20	60' RT	469.19
16	77+91.07	40' RT	469.2	77+91.07	42' RT	469.06
17	78+22.38 (IL 29) 9+46.46 (TR 103 W)	53.54' RT 18.69' LT	469.17	78+19.91 (IL 29) 9+44.75 (TR 103 W)	55.25' RT 21.37' LT	469.05
18	9+28 (TR 103 W)	11.01' LT	469.16	9+27.60 (TR 103 W)	12.97' LT	468.91
19	9+18 (TR 103 W)	10' LT	469	9+18 (TR 103 W)	11.5' LT	468.75
20	8+81 (TR 103 W)	10' LT	468.32	8+81 (TR 103 W)	11.5' LT	468.28
21	8+81 (TR 103 W)	10' RT	468.32	8+81 (TR 103 W)	11.5' RT	468.28
22	9+18 (TR 103 W)	10' RT	469	9+28 (TR 103 W)	11.5' RT	468.75
23	9+33.69 (TR 103 W)	12.53' RT	469.11	9+33.28	13.376' RT	468.88



PR INLETS, TY B SPECIAL,
W/SPECIAL FRAME & GRATE

12/3/2008
#FILEABBREV#

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Springfield, Illinois
Design Firm License No. 184-002703

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

CONCRETE CURB & GUTTER AND GUTTER ELEVATION DETAIL

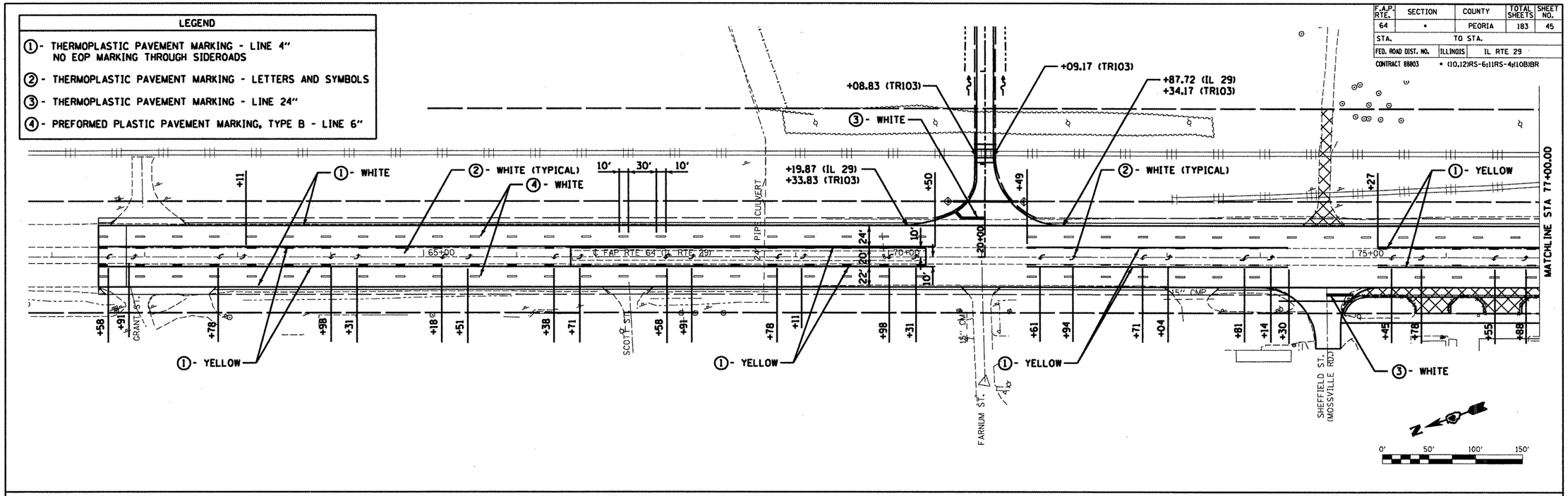
SCALE: DRAWN BY CFC
DATE AUG. 2008 CHECKED BY MCB/GLS

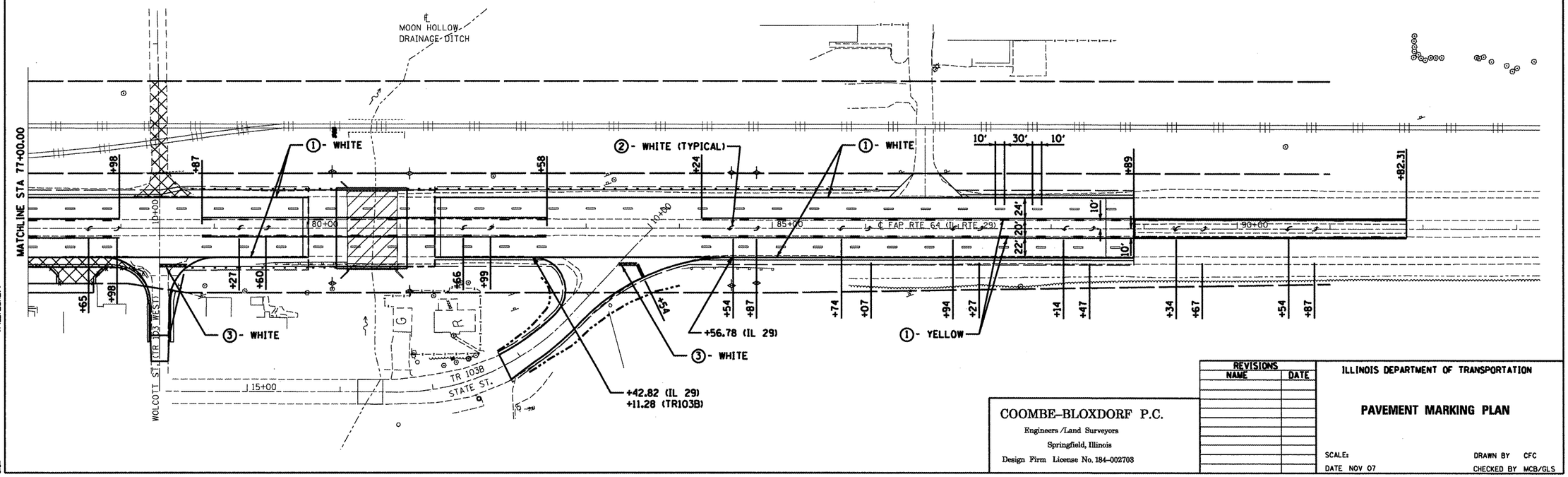
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	183	45
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	IL RTE 29		

CONTRACT 88803 * (10,12)RS-6;11RS-4;(10B)BR

LEGEND

1. - THERMOPLASTIC PAVEMENT MARKING - LINE 4" NO EOP MARKING THROUGH SIDEROADS
2. - THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
3. - THERMOPLASTIC PAVEMENT MARKING - LINE 24"
4. - PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"





10/17/2008
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REVISIONS NAME	DATE

COOMBE-BLOXDORF P.C.
Engineers /Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002703

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

SCALE:
DATE NOV 07

DRAWN BY CFC
CHECKED BY MCB/GLS

Bench Mark: USGS brass disk located on N.E. Abut. Elevation = 469.91

Existing Structure: S.N. 072-0017 Built as SBI Rte. 29, Section 10B in 1937 and widened in 1954. A single span R.C. "T" beam superstructure on closed abutments, 55'-0" back to back abutment and 87'-5" out to out. Existing structure to be removed and replaced utilizing stage construction.

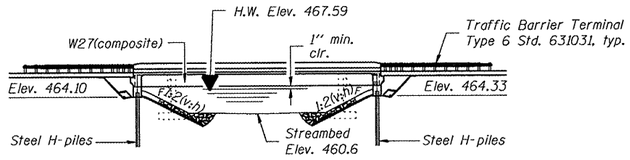
No salvage

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

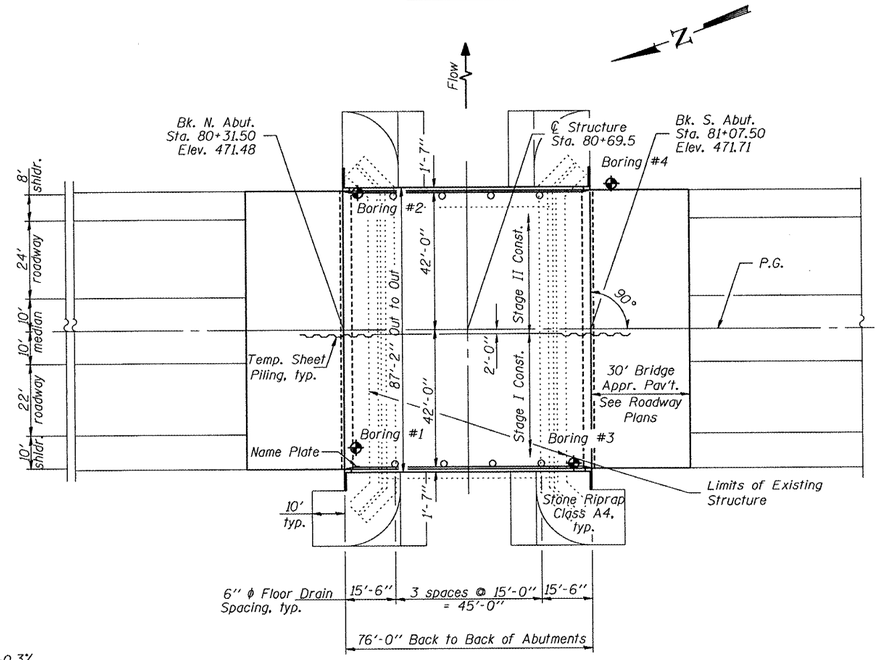
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 64	(10B)BR	PEORIA	186	96
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 1
22 SHEETS

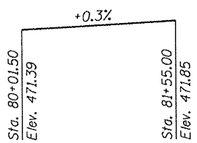
Contract #88803



ELEVATION



PLAN



PROFILE GRADE
(along ℄ roadway)

DESIGNED	D.P. CASTENS
CHECKED	D. F. ZERRASEN
	R.B.C./F.L.L.
DRAWN	h.t. duong
CHECKED	D.P.C./D.F.Z.

November 13, 2008
EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

STATE OF ILLINOIS RALPH E. ANDERSON 081-004625 REGISTERED STRUCTURAL ENGINEER

EXPIRES 11-30-2010

INDEX OF SHEETS

STATION 80+69.5
BUILT 20 BY
STATE OF ILLINOIS
F.A.P. RTE. 64 SEC. (10B)BR
LOADING HS20
STRUCTURE NO. 072-0198

NAME PLATE
See Std. 515001

DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (feet)	N. Abut.	S. Abut.
	464.10	464.33

WATERWAY INFORMATION

Drainage Area = 2.38 Sq. Mi. Low Grade Elev. 469.30 (exist.)

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist.	Opening Sq. Ft. Prop.	Nat. H.W.E.	Head - Ft. Exist.	Head - Ft. Prop.	Headwater El. Exist.	Headwater El. Prop.
Design	50	1554	178.79	357.36	467.59	1.41	0.52	469.00	468.11
Base	100	1554	178.79	357.36	467.59	1.41	0.52	469.00	468.11
Overtopping	-	-	-	-	-	-	-	-	-
Max. Calc.	500	1554	178.79	357.36	467.59	1.41	0.52	469.00	468.11

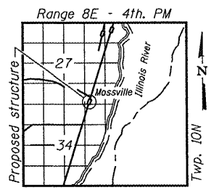
LOADING HS20
Allow 50#/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS
1996 AASHTO with 1997, 1998 & 1999 Interims

DESIGN STRESSES
FIELD UNITS

f'_c = 3,500 psi
f_y = 60,000 psi (reinforcement)
f_y = 36,000 psi (AASHTO M270 Grade 36)
f_y = 50,000 psi (AASHTO M270 Grade 50)

SEISMIC DATA
Seismic Performance Category (SPC) = A
Bedrock Acceleration Coefficient (A) = 0.041g
Site Coefficient (S) = 1.2



LOCATION SKETCH

GENERAL PLAN & ELEVATION
ILLINOIS ROUTE 29 OVER
ILLINOIS RIVER TRIBUTARY
F.A.P. RTE. 64 - SECTION (10B)BR
PEORIA COUNTY
STATION 80+69.5
STRUCTURE NO. 072-0198

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 64	(10B)BR	PEORIA	186	47
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 2
22 SHEETS

Contract #88803

GENERAL NOTES

Fasteners shall be AASHTO M 164 Type 1, mechanically galvanized bolts. Bolts $\frac{3}{4}$" ϕ, open holes $\frac{15}{16}$" ϕ, unless otherwise noted.

Calculated weight of Structural Steel = 179920 Lbs (AASHTO M270 Gr. 50)
= 7980 Lbs (AASHTO M270 Gr. 36)

No field welding is permitted except as specified in the contract documents.

Reinforcement bars shall conform to the requirements of ASTM A 706, Gr 60. See Special Provisions.

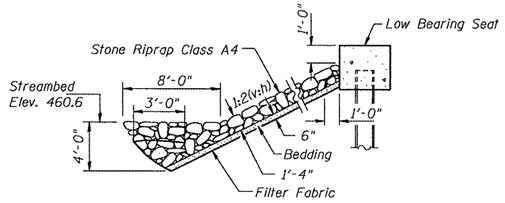
The Inorganic Zinc Rich Primer/Acrylic/Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the final finish coat for all interior steel surfaces shall be gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be blue, Munsell No. 10B 3/6. See Special Provision for "Cleaning and Painting New Metal Structures".

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

The Contractor shall drive two steel HP12x53 test piles to 110% of the nominal required bearing one at the North Abutment and one at the South Abutment or approved by the Engineer before ordering the remainder of piles.

Reinforcement bars designated (E) shall be epoxy coated.

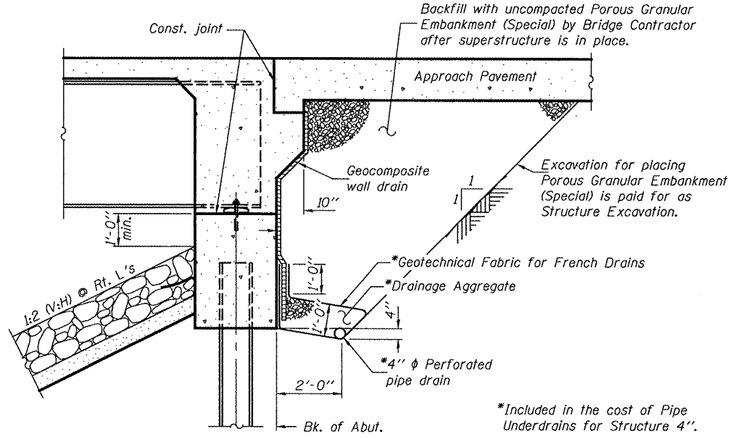
Slipforming of the parapets is not allowed.



STONE RIPRAP ANCHOR DETAIL

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Structures	Each	1		1
Structure Excavation	Cu. Yd.		374	374
Temporary Sheet Piling	Sq. Ft.		1049	1049
Concrete Structures	Cu. Yd.		67.4	67.4
Concrete Superstructure	Cu. Yd.	225.4		225.4
Name Plates	Each	1		1
Furnishing and Erecting Structural Steel	L. Sum	1		1
Reinforcement Bars, Epoxy Coated	Pound	41330	9200	50530
Protective Coat	Sq. Yd.	771		771
Furnishing Steel Piles HP12x53	Foot		1,442	1,442
Driving Piles	Foot		1,442	1,442
Test Pile Steel HP12x53	Each		2	2
Bridge Deck Grooving	Sq. Yd.	692		692
Bar Splicers	Each	389	22	411
Stud Shear Connectors	Each	3,105		3,105
Floor Drains	Each	8		8
Porous Granular Embankment (Special)	Cu. Yd.		211	211
Stone Riprap Class A4	Sq. Yd.		595	595
Filter Fabric	Sq. Yd.		595	595
Concrete Encasement	Cu. Yd.		10.6	10.6
Anchor Bolt 1"	Each	60		60
Geocomposite Wall Drain	Sq. Yd.		114	114
Pipe Underdrains for Structures, 4"	Foot		235	235



SECTION THRU INTEGRAL ABUTMENT

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

DESIGNED	D.P.C.
CHECKED	D.F.Z.
DRAWN	h.t. duong
CHECKED	D.P.C./D.F.Z.

November 13, 2008
EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

GENERAL DATA
F.A.P. RTE. 64 - SECTION (10B)BR
PEORIA COUNTY
STATION 80+69.5
STRUCTURE NO. 072-0198

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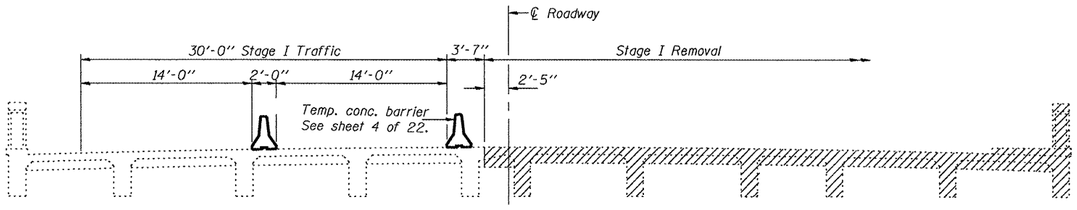
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

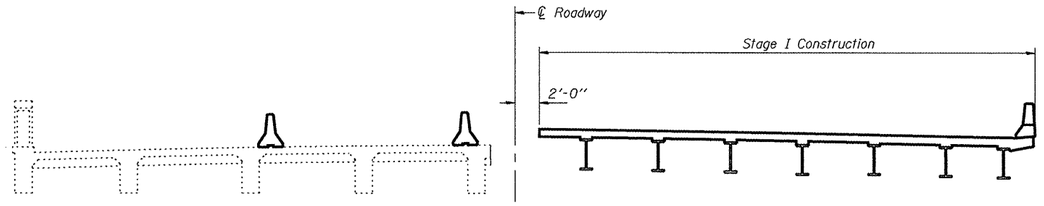
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 64	(10B)BR	PEORIA	186	43
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 3
22 SHEETS

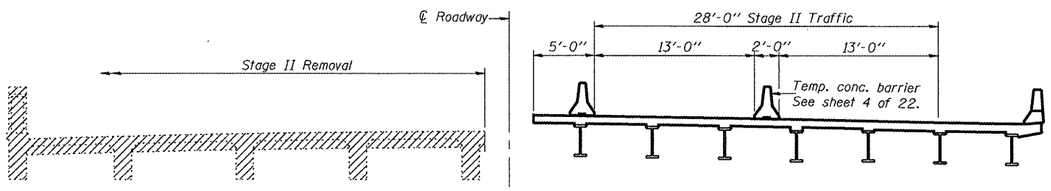
Contract #88803



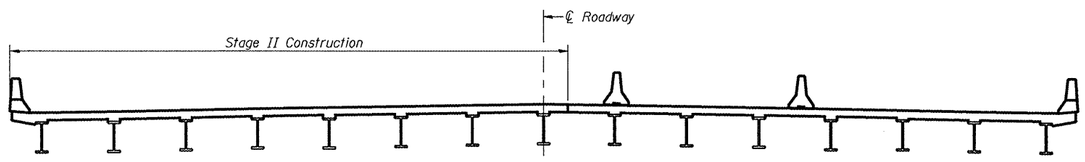
STAGE I REMOVAL



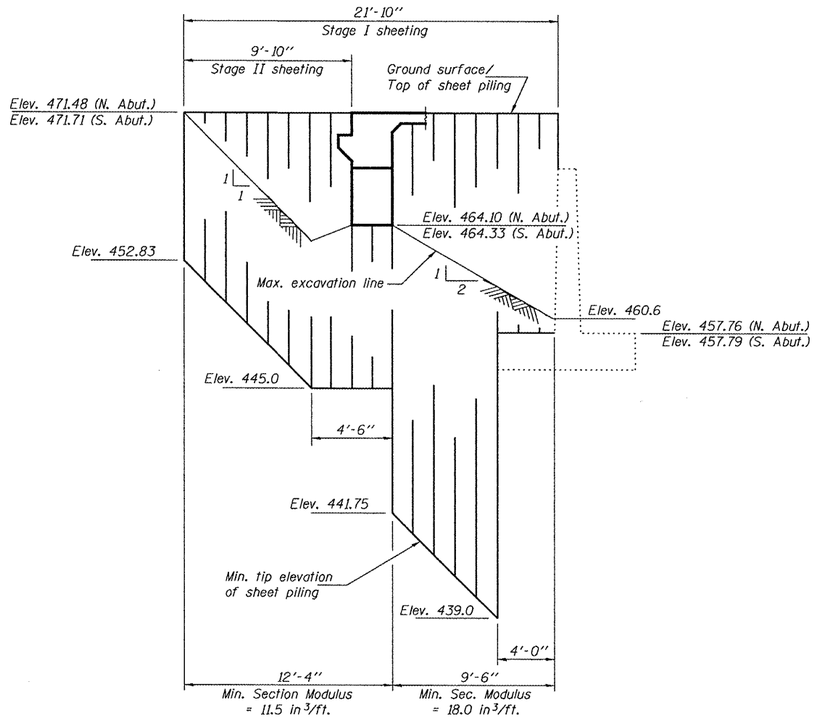
STAGE I CONSTRUCTION



STAGE II REMOVAL



STAGE II CONSTRUCTION



TEMPORARY SHEET PILING AT ABUTMENTS

Notes: If the Contractor chooses to alter the temporary cantilevered sheet piling design requirements shown on the plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.

The Contractor shall connect the first sheet to the existing abutment wall to ensure stability of sheets driven to the top of the existing footing. This connection shall be reviewed and accepted by the Engineer and included in the cost for Temporary Sheet Piling.

DESIGNED	D.P.C.
CHECKED	D.F.Z.
DRAWN	h.t. duong F.L.L. r.b. carbonell
CHECKED	D.P.C./D.F.Z.

November 13, 2008

EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN

PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

Notes: All cross sections are looking south.
For quantity of temporary concrete barrier, see roadway plans.
Hatched area indicates removal of existing structures.

STAGE CONSTRUCTION DETAILS
F.A.P. RTE. 64 - SECTION (10B)BR
PEORIA COUNTY
STATION 80+69.5
STRUCTURE NO. 072-0198

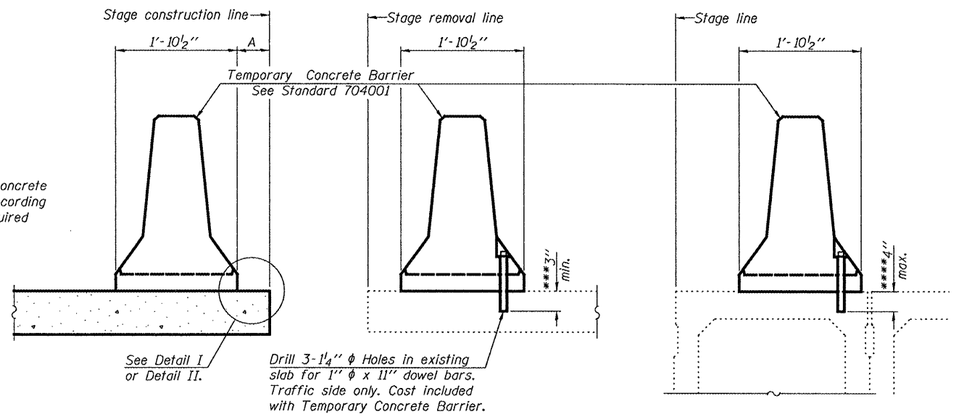
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 64	(10B)BR	PEORIA	186	47
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 4
22 SHEETS

Contract #88803

When "A" is 3'-6" or less, the temporary concrete barrier shall be anchored to the new slab according to Detail I or Detail II. No anchorage is required when "A" is greater than 3'-6".



NEW SLAB | EXISTING SLAB | EXISTING DECK BEAM

NOTES

Detail I - With Bar Splicer or Couplers:
Connect one (1) 1"x7"x10" steel ℙ to the top layer of couplers with 2-⅝" ϕ bolts screwed to coupler at approximate ℄ of each barrier panel.

Detail II - With Extended Reinforcement Bars:
Connect one (1) 1"x7"x10" steel ℙ to the concrete slab or concrete wearing surface with 2-⅝"ϕ Expansion Anchors or cast in place inserts spaced between the top layer of reinforcement at approximate ℄ of each barrier panel.

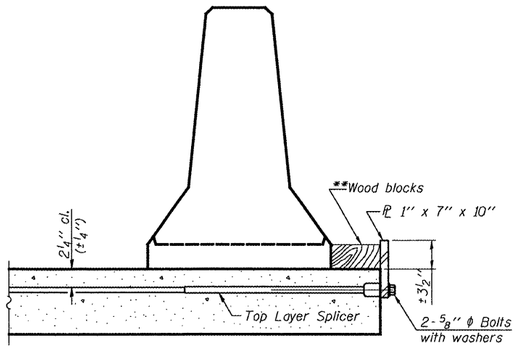
Cost of anchorage is included with Temporary Concrete Barrier.

The 1" x 7" x 10" plate shall not be removed until stage II construction forms and all reinforcement bars are in place and the concrete is ready to be placed.

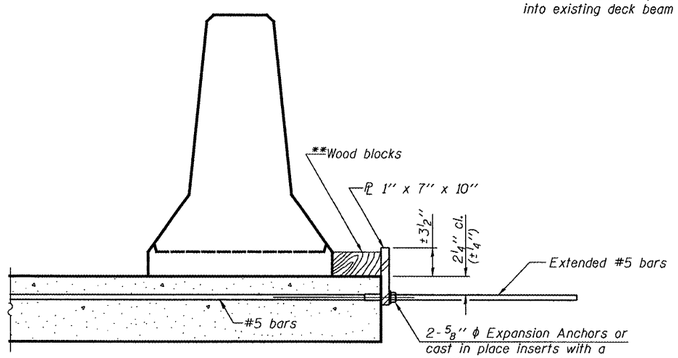
SECTIONS THRU SLAB OR DECK BEAM

***Dimension shown is minimum required embedment into concrete. If hot-mix asphalt wearing surface is present, minimum embedment shall be in addition to wearing surface depth.

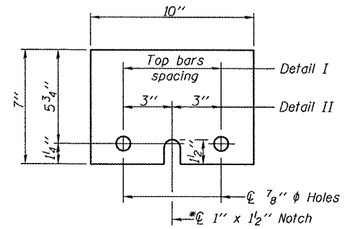
****If existing deck beam is to remain in place after stage construction, embedment shall only be into wearing surface and not into existing deck beam concrete.



DETAIL I



DETAIL II



STEEL RETAINER ℙ 1" x 7" x 10"
*Required only with Detail II

**Wood blocks may be omitted when required to provide minimum stage traffic lane width. When the wood blocks are omitted, the concrete barrier shall be in direct contact with the steel retainer plate.

DESIGNED	D.P.C.
CHECKED	D.F.Z.
DRAWN	h.l. duong r.b. carbonell
CHECKED	D.P.C./D.F.Z.

November 13, 2008
EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

R-27 5-16-08

TEMPORARY CONCRETE BARRIER
FOR STAGE CONSTRUCTION
F.A.P. RTE. 64 - SECTION (10B)BR
PEORIA COUNTY
STATION 80+69.5
STRUCTURE NO. 072-0198

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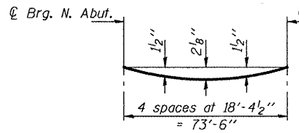
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 64	(10B)BR	PEORIA	186	50
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 5
22 SHEETS

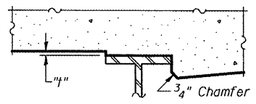
Contract #88803



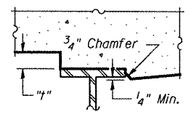
DEAD LOAD DEFLECTION DIAGRAM

(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 on sheets 6 & 7 of 22.



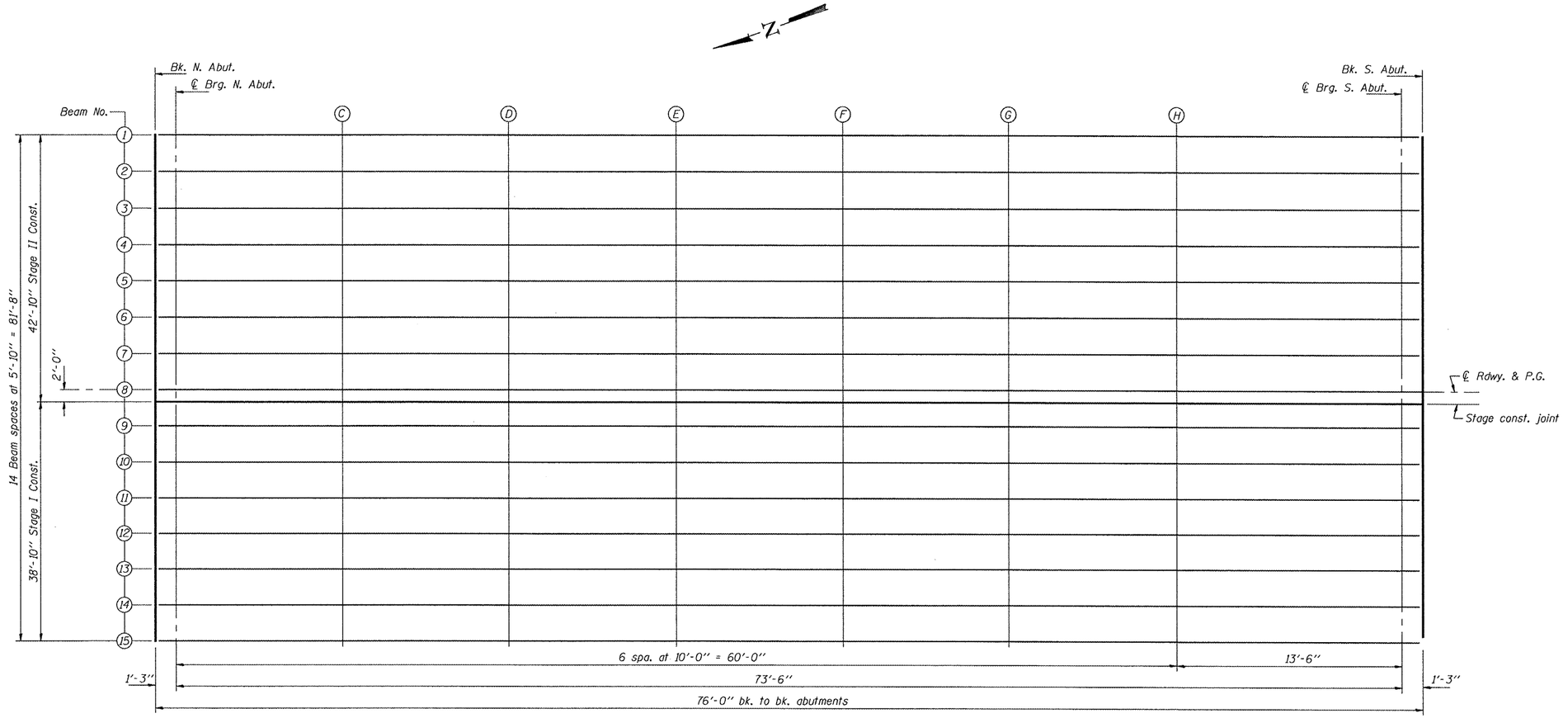
At Minimum Fillet



At Maximum Fillet

To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheets 6 & 7 of 22. minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS



PLAN

DESIGNED	D.P.C.
CHECKED	D.F.Z.
DRAWN	h.t. duong r.b. carbonell
CHECKED	D.P.C./D.F.Z.

November 13, 2008
EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS
F.A.P. RTE. 64 - SECTION (10B)BR
PEORIA COUNTY
STATION 80+69.5
STRUCTURE NO. 072-0198

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 64	(10B)BR	PEORIA	186	51
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 6
22 SHEETS

Contract #88803

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	80+31.50	-40.83	470.74	470.74
CL. BRG. N. ABUT.	80+32.75	-40.83	470.74	470.74
C	80+42.75	-40.83	470.77	470.85
D	80+52.75	-40.83	470.80	470.94
E	80+62.75	-40.83	470.83	471.00
F	80+72.75	-40.83	470.86	471.04
G	80+82.75	-40.83	470.89	471.04
H	80+92.75	-40.83	470.92	471.02
CL. BRG. S. ABUT.	81+06.25	-40.83	470.97	470.97
BK. S. ABUT.	81+07.50	-40.83	470.97	470.97

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	80+31.50	-35.00	470.86	470.86
CL. BRG. N. ABUT.	80+32.75	-35.00	470.87	470.87
C	80+42.75	-35.00	470.90	470.97
D	80+52.75	-35.00	470.93	471.06
E	80+62.75	-35.00	470.96	471.12
F	80+72.75	-35.00	470.99	471.16
G	80+82.75	-35.00	471.02	471.16
H	80+92.75	-35.00	471.05	471.14
CL. BRG. S. ABUT.	81+06.25	-35.00	471.09	471.09
BK. S. ABUT.	81+07.50	-35.00	471.09	471.09

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	80+31.50	-29.17	470.98	470.98
CL. BRG. N. ABUT.	80+32.75	-29.17	470.99	470.99
C	80+42.75	-29.17	471.02	471.09
D	80+52.75	-29.17	471.05	471.18
E	80+62.75	-29.17	471.08	471.25
F	80+72.75	-29.17	471.11	471.28
G	80+82.75	-29.17	471.14	471.29
H	80+92.75	-29.17	471.17	471.26
CL. BRG. S. ABUT.	81+06.25	-29.17	471.21	471.21
BK. S. ABUT.	81+07.50	-29.17	471.21	471.21

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	80+31.50	-23.33	471.11	471.11
CL. BRG. N. ABUT.	80+32.75	-23.33	471.11	471.11
C	80+42.75	-23.33	471.14	471.21
D	80+52.75	-23.33	471.17	471.30
E	80+62.75	-23.33	471.20	471.37
F	80+72.75	-23.33	471.23	471.40
G	80+82.75	-23.33	471.26	471.41
H	80+92.75	-23.33	471.29	471.39
CL. BRG. S. ABUT.	81+06.25	-23.33	471.33	471.33
BK. S. ABUT.	81+07.50	-23.33	471.33	471.33

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	80+31.50	-17.50	471.20	471.20
CL. BRG. N. ABUT.	80+32.75	-17.50	471.21	471.21
C	80+42.75	-17.50	471.24	471.31
D	80+52.75	-17.50	471.27	471.40
E	80+62.75	-17.50	471.30	471.46
F	80+72.75	-17.50	471.33	471.50
G	80+82.75	-17.50	471.36	471.50
H	80+92.75	-17.50	471.39	471.48
CL. BRG. S. ABUT.	81+06.25	-17.50	471.43	471.43
BK. S. ABUT.	81+07.50	-17.50	471.43	471.43

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	80+31.50	-11.67	471.29	471.29
CL. BRG. N. ABUT.	80+32.75	-11.67	471.30	471.30
C	80+42.75	-11.67	471.33	471.40
D	80+52.75	-11.67	471.36	471.49
E	80+62.75	-11.67	471.39	471.56
F	80+72.75	-11.67	471.42	471.59
G	80+82.75	-11.67	471.45	471.60
H	80+92.75	-11.67	471.48	471.57
CL. BRG. S. ABUT.	81+06.25	-11.67	471.52	471.52
BK. S. ABUT.	81+07.50	-11.67	471.52	471.52

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	80+31.50	-5.83	471.39	471.39
CL. BRG. N. ABUT.	80+32.75	-5.83	471.39	471.39
C	80+42.75	-5.83	471.42	471.49
D	80+52.75	-5.83	471.45	471.58
E	80+62.75	-5.83	471.48	471.65
F	80+72.75	-5.83	471.51	471.68
G	80+82.75	-5.83	471.54	471.69
H	80+92.75	-5.83	471.57	471.67
CL. BRG. S. ABUT.	81+06.25	-5.83	471.61	471.61
BK. S. ABUT.	81+07.50	-5.83	471.61	471.61

BEAM 8, ℄ ROADWAY & PROFILE GRADE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	80+31.50	0.00	471.48	471.48
CL. BRG. N. ABUT.	80+32.75	0.00	471.48	471.48
C	80+42.75	0.00	471.51	471.58
D	80+52.75	0.00	471.54	471.67
E	80+62.75	0.00	471.57	471.74
F	80+72.75	0.00	471.60	471.77
G	80+82.75	0.00	471.63	471.78
H	80+92.75	0.00	471.66	471.76
CL. BRG. S. ABUT.	81+06.25	0.00	471.70	471.70
BK. S. ABUT.	81+07.50	0.00	471.70	471.70

DESIGNED	F. Teklehaimanot
CHECKED	Stephen M. Ryan
DRAWN	h.t. duong
CHECKED	FT/SMR

November 13, 2008

EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN

PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS
F.A.P. RTE. 64 - SECTION (10B)BR
PEORIA COUNTY
STATION 80+69.5
STRUCTURE NO. 072-0198

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 64	(10B)BR	PEORIA	186	52
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 7
22 SHEETS

Contract #88803

STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	80+31.50	2.00	471.45	471.45
CL. BRG. N. ABUT.	80+32.75	2.00	471.45	471.45
C	80+42.75	2.00	471.48	471.55
D	80+52.75	2.00	471.51	471.64
E	80+62.75	2.00	471.54	471.71
F	80+72.75	2.00	471.57	471.74
G	80+82.75	2.00	471.60	471.75
H	80+92.75	2.00	471.63	471.73
CL. BRG. S. ABUT.	81+06.25	2.00	471.67	471.67
BK. S. ABUT.	81+07.50	2.00	471.67	471.67

BEAM 9

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	80+31.50	5.83	471.39	471.39
CL. BRG. N. ABUT.	80+32.75	5.83	471.39	471.39
C	80+42.75	5.83	471.42	471.49
D	80+52.75	5.83	471.45	471.58
E	80+62.75	5.83	471.48	471.65
F	80+72.75	5.83	471.51	471.68
G	80+82.75	5.83	471.54	471.69
H	80+92.75	5.83	471.57	471.67
CL. BRG. S. ABUT.	81+06.25	5.83	471.61	471.61
BK. S. ABUT.	81+07.50	5.83	471.61	471.61

BEAM 10

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	80+31.50	11.67	471.29	471.29
CL. BRG. N. ABUT.	80+32.75	11.67	471.30	471.30
C	80+42.75	11.67	471.33	471.40
D	80+52.75	11.67	471.36	471.49
E	80+62.75	11.67	471.39	471.56
F	80+72.75	11.67	471.42	471.59
G	80+82.75	11.67	471.45	471.60
H	80+92.75	11.67	471.48	471.57
CL. BRG. S. ABUT.	81+06.25	11.67	471.52	471.52
BK. S. ABUT.	81+07.50	11.67	471.52	471.52

BEAM 11

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	80+31.50	17.50	471.20	471.20
CL. BRG. N. ABUT.	80+32.75	17.50	471.21	471.21
C	80+42.75	17.50	471.24	471.31
D	80+52.75	17.50	471.27	471.40
E	80+62.75	17.50	471.30	471.46
F	80+72.75	17.50	471.33	471.50
G	80+82.75	17.50	471.36	471.50
H	80+92.75	17.50	471.39	471.48
CL. BRG. S. ABUT.	81+06.25	17.50	471.43	471.43
BK. S. ABUT.	81+07.50	17.50	471.43	471.43

BEAM 12

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	80+31.50	23.33	471.11	471.11
CL. BRG. N. ABUT.	80+32.75	23.33	471.11	471.11
C	80+42.75	23.33	471.14	471.21
D	80+52.75	23.33	471.17	471.30
E	80+62.75	23.33	471.20	471.37
F	80+72.75	23.33	471.23	471.40
G	80+82.75	23.33	471.26	471.41
H	80+92.75	23.33	471.29	471.39
CL. BRG. S. ABUT.	81+06.25	23.33	471.33	471.33
BK. S. ABUT.	81+07.50	23.33	471.33	471.33

BEAM 13

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	80+31.50	29.17	470.98	470.98
CL. BRG. N. ABUT.	80+32.75	29.17	470.99	470.99
C	80+42.75	29.17	471.02	471.09
D	80+52.75	29.17	471.05	471.18
E	80+62.75	29.17	471.08	471.25
F	80+72.75	29.17	471.11	471.28
G	80+82.75	29.17	471.14	471.29
H	80+92.75	29.17	471.17	471.26
CL. BRG. S. ABUT.	81+06.25	29.17	471.21	471.21
BK. S. ABUT.	81+07.50	29.17	471.21	471.21

BEAM 14

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	80+31.50	35.00	470.86	470.86
CL. BRG. N. ABUT.	80+32.75	35.00	470.87	470.87
C	80+42.75	35.00	470.90	470.97
D	80+52.75	35.00	470.93	471.06
E	80+62.75	35.00	470.96	471.12
F	80+72.75	35.00	470.99	471.16
G	80+82.75	35.00	471.02	471.16
H	80+92.75	35.00	471.05	471.14
CL. BRG. S. ABUT.	81+06.25	35.00	471.09	471.09
BK. S. ABUT.	81+07.50	35.00	471.09	471.09

BEAM 15

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	80+31.50	40.83	470.74	470.74
CL. BRG. N. ABUT.	80+32.75	40.83	470.74	470.74
C	80+42.75	40.83	470.77	470.85
D	80+52.75	40.83	470.80	470.94
E	80+62.75	40.83	470.83	471.00
F	80+72.75	40.83	470.86	471.04
G	80+82.75	40.83	470.89	471.04
H	80+92.75	40.83	470.92	471.02
CL. BRG. S. ABUT.	81+06.25	40.83	470.97	470.97
BK. S. ABUT.	81+07.50	40.83	470.97	470.97

DESIGNED	F. Teklehaimanot
CHECKED	Stephen M. Ryan
DRAWN	h.t. duong
CHECKED	FT/SMR

November 13, 2008
EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS
F.A.P. RTE. 64 - SECTION (10B)BR
PEORIA COUNTY
STATION 80+69.5
STRUCTURE NO. 072-0198

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 64	(10B)BR	PEORIA	186	53
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 8
22 SHEETS

Contract #88803

EAST CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
End N. Appr. Pav't.	80+01.50	-42.00	470.63
A	80+11.50	-42.00	470.66
B	80+21.50	-42.00	470.69
Beg. N. Appr. Pav't.	80+31.50	-42.00	470.72

EAST EDGE OF EXTERIOR TRAFFIC LANE

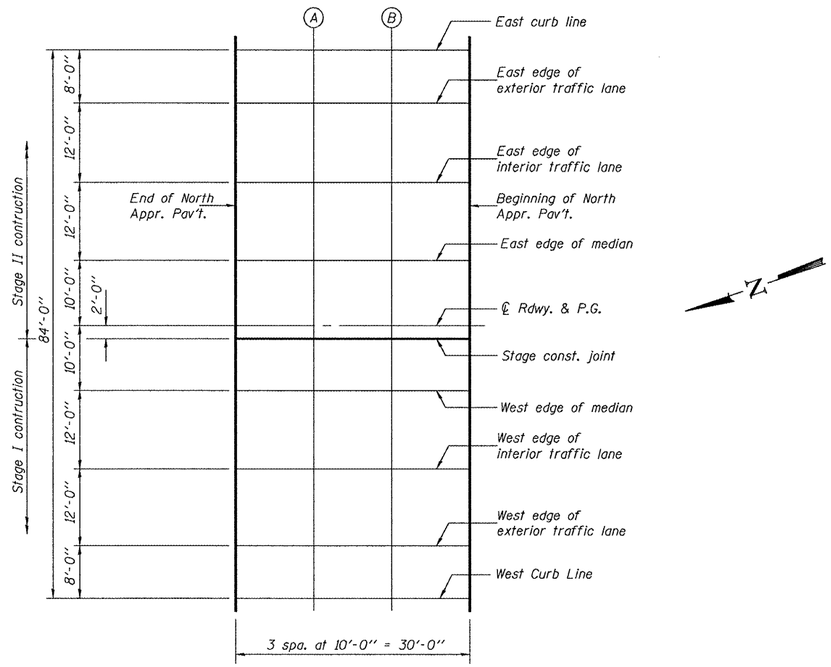
Location	Station	Offset	Theoretical Grade Elevations
End N. Appr. Pav't.	80+01.50	-34.00	470.80
A	80+11.50	-34.00	470.83
B	80+21.50	-34.00	470.86
Beg. N. Appr. Pav't.	80+31.50	-34.00	470.89

EAST EDGE OF INTERIOR TRAFFIC LANE

Location	Station	Offset	Theoretical Grade Elevations
End N. Appr. Pav't.	80+01.50	-22.00	471.05
A	80+11.50	-22.00	471.08
B	80+21.50	-22.00	471.11
Beg. N. Appr. Pav't.	80+31.50	-22.00	471.14

EAST EDGE OF MEDIAN

Location	Station	Offset	Theoretical Grade Elevations
End N. Appr. Pav't.	80+01.50	-10.00	471.23
A	80+11.50	-10.00	471.26
B	80+21.50	-10.00	471.29
Beg. N. Appr. Pav't.	80+31.50	-10.00	471.32



PLAN

℄ ROADWAY & PROFILE GRADE

Location	Station	Offset	Theoretical Grade Elevations
End N. Appr. Pav't.	80+01.50	0.00	471.39
A	80+11.50	0.00	471.42
B	80+21.50	0.00	471.45
Beg. N. Appr. Pav't.	80+31.50	0.00	471.48

STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations
End N. Appr. Pav't.	80+01.50	2.00	471.36
A	80+11.50	2.00	471.39
B	80+21.50	2.00	471.42
Beg. N. Appr. Pav't.	80+31.50	2.00	471.45

WEST EDGE OF MEDIAN

Location	Station	Offset	Theoretical Grade Elevations
End N. Appr. Pav't.	80+01.50	10.00	471.23
A	80+11.50	10.00	471.26
B	80+21.50	10.00	471.29
Beg. N. Appr. Pav't.	80+31.50	10.00	471.32

WEST EDGE OF INTERIOR TRAFFIC LANE

Location	Station	Offset	Theoretical Grade Elevations
End N. Appr. Pav't.	80+01.50	22.00	471.05
A	80+11.50	22.00	471.08
B	80+21.50	22.00	471.11
Beg. N. Appr. Pav't.	80+31.50	22.00	471.14

WEST EDGE OF EXTERIOR TRAFFIC LANE

Location	Station	Offset	Theoretical Grade Elevations
End N. Appr. Pav't.	80+01.50	34.00	470.80
A	80+11.50	34.00	470.83
B	80+21.50	34.00	470.86
Beg. N. Appr. Pav't.	80+31.50	34.00	470.89

WEST CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
End N. Appr. Pav't.	80+01.50	42.00	470.63
A	80+11.50	42.00	470.66
B	80+21.50	42.00	470.69
Beg. N. Appr. Pav't.	80+31.50	42.00	470.72

DESIGNED	F. Teklehaimanot
CHECKED	Stephen M. Ryan
DRAWN	h.t. duong
CHECKED	FT/SMR

November 13, 2008
EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

TOP OF NORTH APPROACH PAVEMENT ELEVATIONS
F.A.P. RTE. 64 - SECTION (10B)BR
PEORIA COUNTY
STATION 80+69.5
STRUCTURE NO. 072-0198

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 64	(10B)BR	PEORIA	186	54
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 9
22 SHEETS

Contract #88803

EAST CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
Beg. S. Appr. Pav't.	81+07.50	-42.00	470.95
I	81+17.50	-42.00	470.98
J	81+27.50	-42.00	471.01
End S. Appr. Pav't.	81+37.50	-42.00	471.04

EAST EDGE OF EXTERIOR TRAFFIC LANE

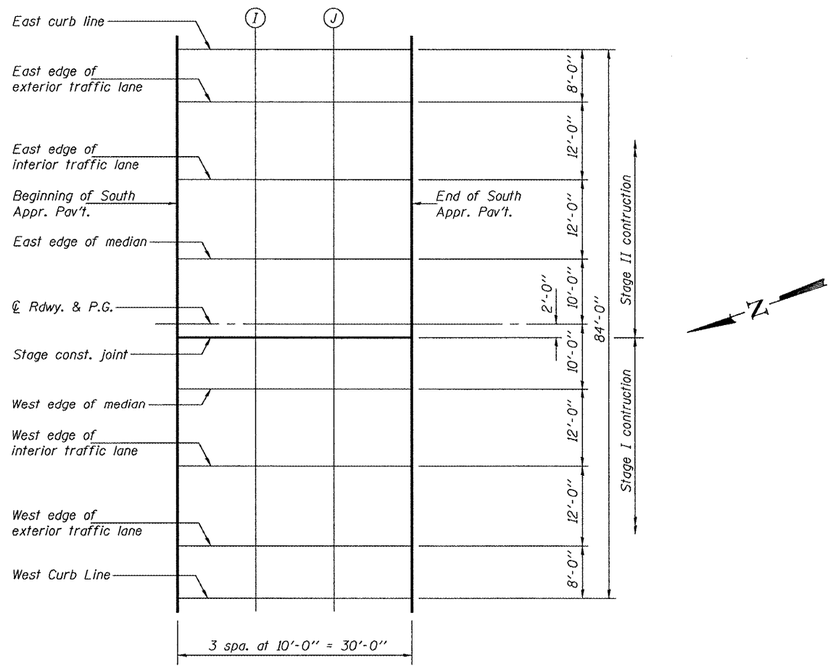
Location	Station	Offset	Theoretical Grade Elevations
Beg. S. Appr. Pav't.	81+07.50	-34.00	471.11
I	81+17.50	-34.00	471.14
J	81+27.50	-34.00	471.17
End S. Appr. Pav't.	81+37.50	-34.00	471.20

EAST EDGE OF INTERIOR TRAFFIC LANE

Location	Station	Offset	Theoretical Grade Elevations
Beg. S. Appr. Pav't.	81+07.50	-22.00	471.36
I	81+17.50	-22.00	471.39
J	81+27.50	-22.00	471.42
End S. Appr. Pav't.	81+37.50	-22.00	471.45

EAST EDGE OF MEDIAN

Location	Station	Offset	Theoretical Grade Elevations
Beg. S. Appr. Pav't.	81+07.50	-10.00	471.55
I	81+17.50	-10.00	471.58
J	81+27.50	-10.00	471.61
End S. Appr. Pav't.	81+37.50	-10.00	471.64



PLAN

℄ ROADWAY & PROFILE GRADE

Location	Station	Offset	Theoretical Grade Elevations
Beg. S. Appr. Pav't.	81+07.50	0.00	471.71
I	81+17.50	0.00	471.74
J	81+27.50	0.00	471.77
End S. Appr. Pav't.	81+37.50	0.00	471.80

STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations
Beg. S. Appr. Pav't.	81+07.50	2.00	471.68
I	81+17.50	2.00	471.71
J	81+27.50	2.00	471.74
End S. Appr. Pav't.	81+37.50	2.00	471.77

WEST EDGE OF MEDIAN

Location	Station	Offset	Theoretical Grade Elevations
Beg. S. Appr. Pav't.	81+07.50	10.00	471.55
I	81+17.50	10.00	471.58
J	81+27.50	10.00	471.61
End S. Appr. Pav't.	81+37.50	10.00	471.64

WEST EDGE OF INTERIOR TRAFFIC LANE

Location	Station	Offset	Theoretical Grade Elevations
Beg. S. Appr. Pav't.	81+07.50	22.00	471.36
I	81+17.50	22.00	471.39
J	81+27.50	22.00	471.42
End S. Appr. Pav't.	81+37.50	22.00	471.45

WEST EDGE OF EXTERIOR TRAFFIC LANE

Location	Station	Offset	Theoretical Grade Elevations
Beg. S. Appr. Pav't.	81+07.50	34.00	471.11
I	81+17.50	34.00	471.14
J	81+27.50	34.00	471.17
End S. Appr. Pav't.	81+37.50	34.00	471.20

WEST CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
Beg. S. Appr. Pav't.	81+07.50	42.00	470.95
I	81+17.50	42.00	470.98
J	81+27.50	42.00	471.01
End S. Appr. Pav't.	81+37.50	42.00	471.04

DESIGNED	F. Teklehaimanot
CHECKED	Stephen M. Ryan
DRAWN	h.t. duong
CHECKED	FT/SMR

November 13, 2008
EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

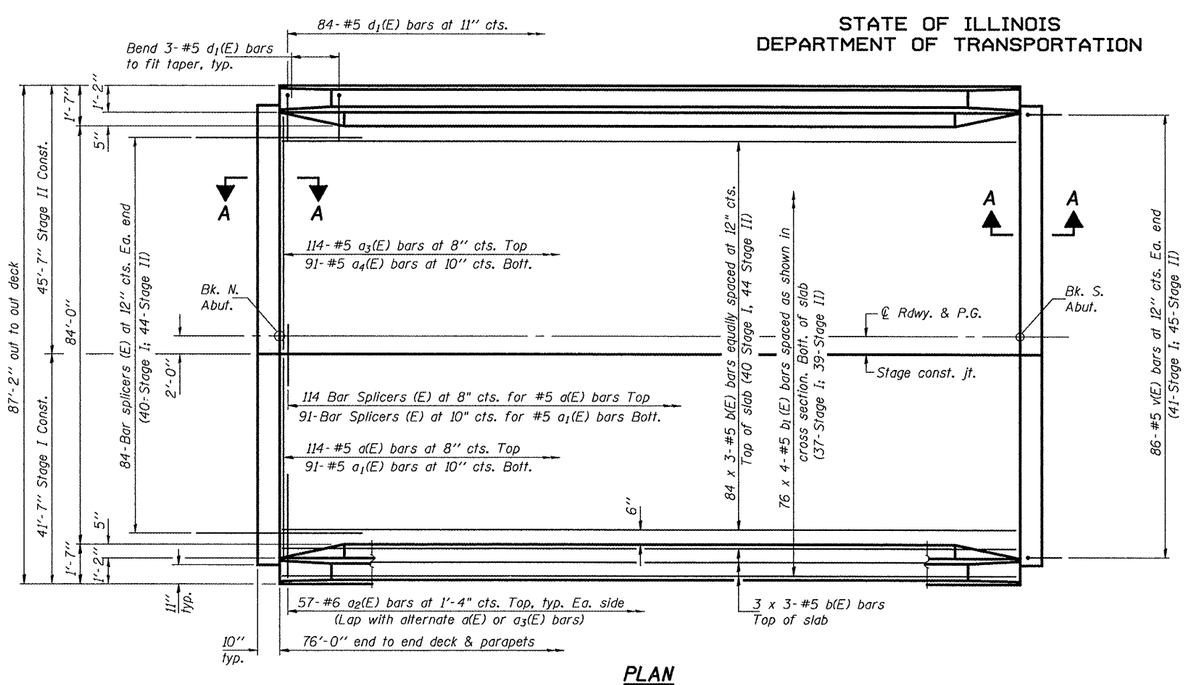
TOP OF SOUTH APPROACH PAVEMENT ELEVATIONS
F.A.P. RTE. 64 - SECTION (10B)BR
PEORIA COUNTY
STATION 80+69.5
STRUCTURE NO. 072-0198

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 64	(10B)BR	PEORIA	136	55
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 10
22 SHEETS

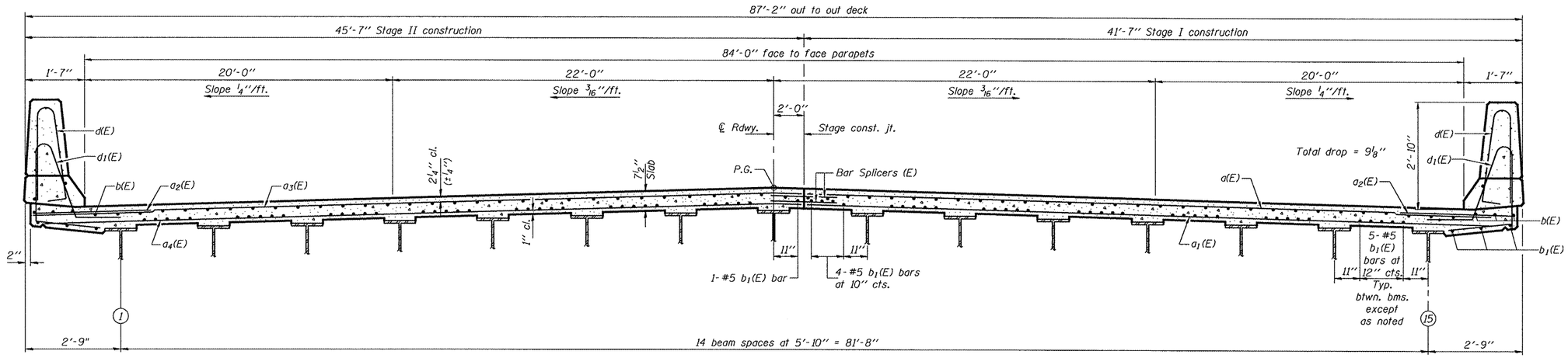
Contract #88803



PLAN

Notes: See sheet 11 of 22 for superstructure details and Bill of Material.
Bars indicated thus 76 x 4- #5 etc. indicates 76 lines of bars with 4 lengths per line.
See sheet 17 of 22 for bar splicer details.
See sheet 12 of 22 for diaphragm details & Section A-A.

MIN. BAR LAP
#5 bar = 2'-2"



NEAR PIER

NEAR MIDSPAN

CROSS SECTION
(Looking south)

DESIGNED	D.P.C.
CHECKED	D.F.Z.
DRAWN	h.t. duong F.L.L. r.b. carbonell
CHECKED	D.P.C./D.F.Z.

November 13, 2008
EXAMINED Thomas J. Domagalski
CHIEF ENGINEER OF BUREAU OF DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

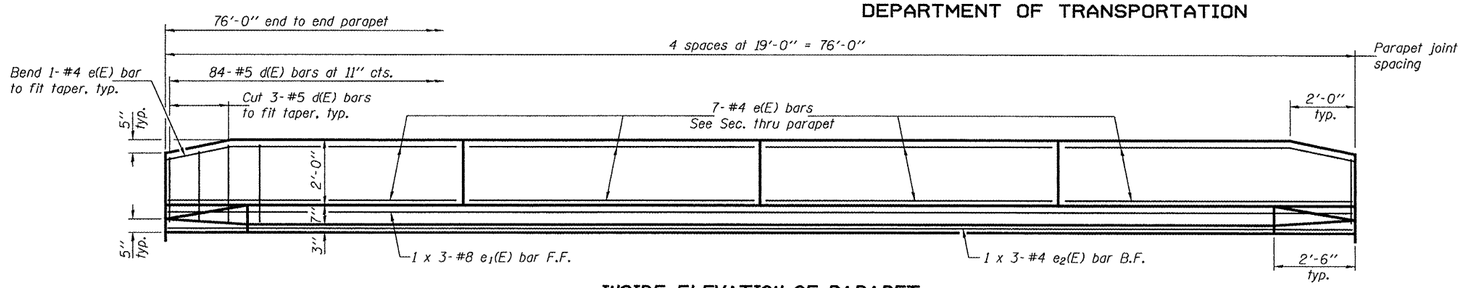
SUPERSTRUCTURE
F.A.P. RTE. 64 - SECTION (10B)BR
PEORIA COUNTY
STATION 80+69.5
STRUCTURE NO. 072-0198

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

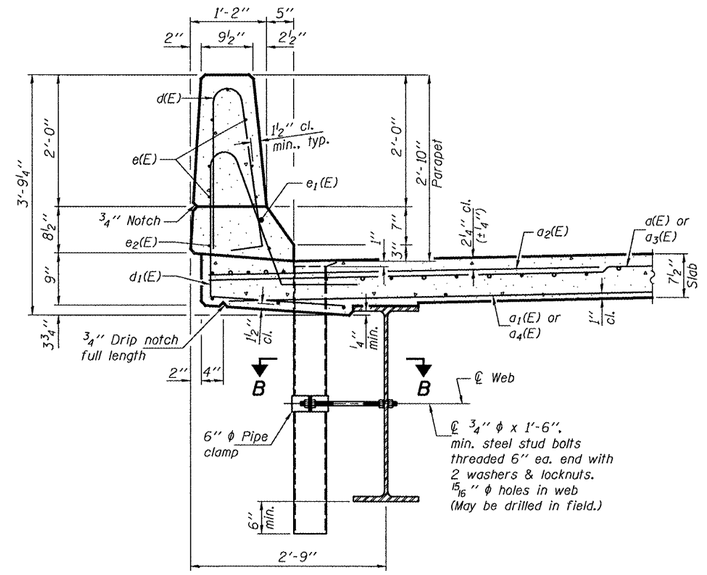
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 64	(10B)BR	PEORIA	186	56
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 11
22 SHEETS

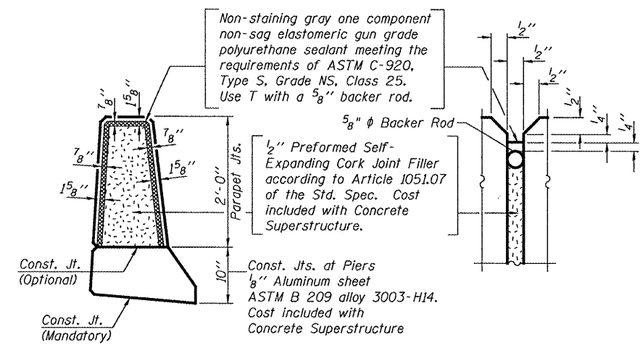
Contract #88803



INSIDE ELEVATION OF PARAPET



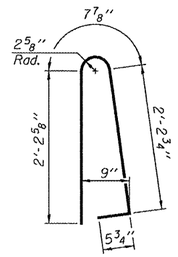
SECTION THRU PARAPET



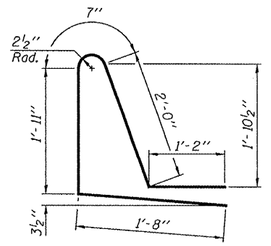
PARAPET JOINT DETAILS

Notes:
The exterior surfaces of the floor drains shall be painted with the finish coat as specified in the special provisions for Cleaning and Painting New Metal Structures. The exterior surfaces of the drains shall be cleaned according to Society of Protective Coatings Spec. SSPC-SP1 prior to painting.

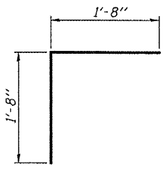
Fiberglass pipe shall conform to ASTM D 2996. with short-time rupture strength hoop tensile stress of 30,000 p.s.i. minimum.



BAR d(E)



BAR d1(E)



BAR v(E)

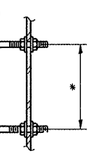
MIN. BAR LAPS

(Parapet)
#4 bar = 1'-4"
#8 bar = 3'-5"

SUPERSTRUCTURE BILL OF MATERIAL

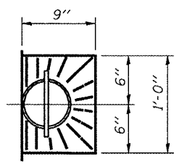
Bar	No.	Size	Length	Shape
d(E)	114	#5	41'-3"	——
d1(E)	91	#5	40'-4"	——
d2(E)	114	#6	4'-6"	——
d3(E)	114	#5	45'-3"	——
d4(E)	91	#5	44'-4"	——
b(E)	270	#5	26'-10"	——
b1(E)	304	#5	20'-7"	——
d(E)	168	#5	5'-7"	
d1(E)	168	#5	7'-4"	
e(E)	56	#4	18'-9"	——
e1(E)	6	#8	27'-7"	——
e2(E)	6	#4	26'-5"	——
m(E)	12	#6	22'-1"	——
m1(E)	12	#6	24'-1"	——
m2(E)	8	#6	21'-8"	——
m3(E)	8	#6	23'-8"	——
m4(E)	4	#6	2'-5"	——
m5(E)	28	#6	5'-6"	——
m6(E)	28	#6	8'-4"	——
m7(E)	32	#6	8'-1"	——
s(E)	152	#5	5'-5"	
s1(E)	152	#4	8'-2"	
v(E)	172	#5	3'-4"	
Reinforcement Bars, Epoxy Coated			Pound	41330
Concrete Superstructure			Cu. Yds.	225.4

Bars indicated thus 1 x 3-#5 etc. indicates 1 line of bars with 3 lengths per line.

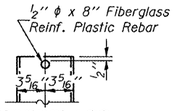


SECTION B-B

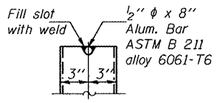
*Dimension as required by pipe clamp



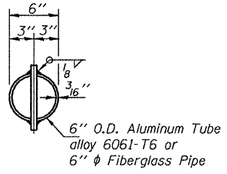
TOP PLAN



FIBERGLASS PIPE

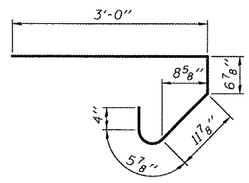


ALUMINUM TUBE

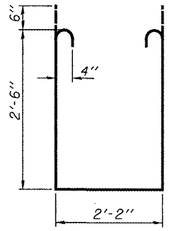


TOP PLAN

(Showing Aluminum Tube)



BAR s(E)



BAR s1(E)

DESIGNED	D.P.C.
CHECKED	D.F.Z.
DRAWN	h.t. duong F.L.L. r.b. carbonell
CHECKED	D.P.C./D.F.Z.

November 13, 2008
EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

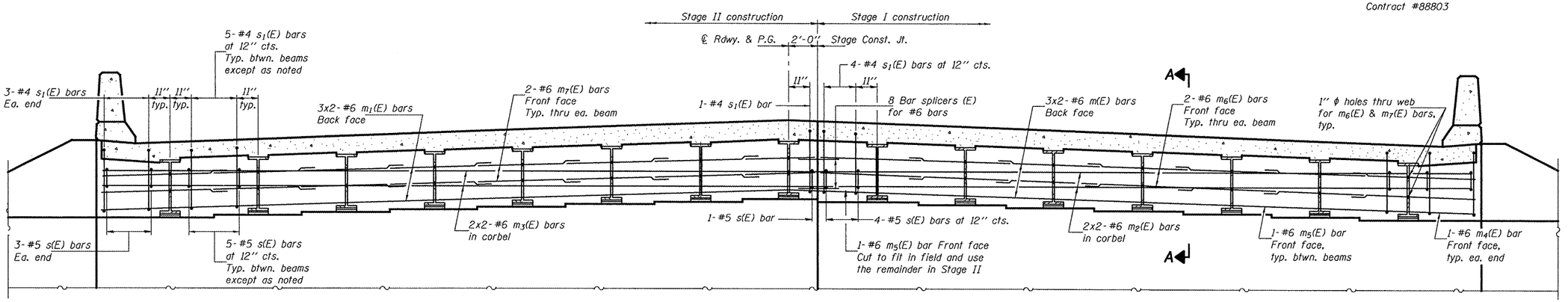
SUPERSTRUCTURE DETAILS
F.A.P. RTE. 64 - SECTION (10B)BR
PEORIA COUNTY
STATION 80+69.5
STRUCTURE NO. 072-0198

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 64	(10B)BR	PEORIA	186	57
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 12
22 SHEETS

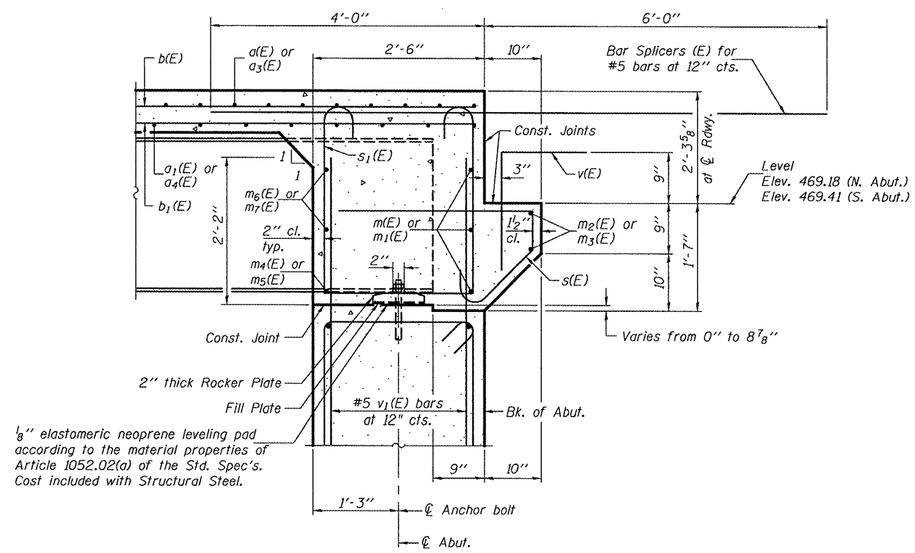
Contract #88803



DIAPHRAGM AT SOUTH ABUTMENT

(North Abutment similar)

Notes: For details of bars s(E) and s_1(E) see sheet 11 of 22.
Bars indicated thus 3 x 2-#6 etc. indicates 3 lines of bars with 2 lengths per line.
Reinforcement bars in diaphragm are billed with superstructure on sheet 11 of 22.
Concrete in diaphragm is included with Concrete Superstructure on sheet 11 of 22.
The s(E) and s_1(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.



SECTION A-A

MIN. BAR LAP

#6 bars = 2'-9"

DESIGNED	D.P.C.
CHECKED	D.F.Z.
DRAWN	h.t. duong F.L.L. r.b. carbonell
CHECKED	D.P.C./D.F.Z.

November 13, 2008
EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

DIAPHRAGM DETAILS
F.A.P. RTE. 64 - SECTION (10B)BR
PEORIA COUNTY
STATION 80+69.5
STRUCTURE NO. 072-0198

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INTERIOR BM. MOMENT TABLE		0.5 Span
Is	(in.4)	6280
Ic (n)	(in.4)	15082
Ic (3n)	(in.4)	10881
Ss	(in.3)	455
Sc (n)	(in.3)	634
Sc (3n)	(in.3)	570
D_Q	(K/ft.)	0.747
M_Q	('K)	504
s_Q	(K/ft.)	0.352
M_{sQ}	('K)	238
M_L	('K)	553
M (Imp)	('K)	139
$\frac{5}{3}[M_L+M(Imp)]$	('K)	1153
Ma	('K)	2464
Mu	('K)	2851
f_{sQ} non-comp	(k.s.i.)	13.3
f_{sQ} (comp)	(k.s.i.)	5.0
$f_s\frac{5}{3}(L+Imp)$	(k.s.i.)	21.8
fs (Overload)	(k.s.i.)	40.1
VR	(K)	41.7

INTERIOR BM. REACTION TABLE		Abut's.
R_Q	(K)	40.4
R_L	(K)	33.3
Imp.	(K)	10.0
R (Total)	(K)	83.7

Notes:

Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. ASTM A307 Grade C anchor bolts may be used in lieu of ASTM F1554 Grade 36 (Fy=36ksi). The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.

Anchor bolts at fixed bearings may be either cast in place or installed in holes drilled after the supported member is in place.

Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.

I_s, S_s: Non-composite moment of inertia and section modulus of the steel section used for computing f_s (Total and Overload) due to non-composite dead loads (in.^{4} and in.^{3}).

$I_c(n)$, $S_c(n)$: Composite moment of inertia and section modulus of the steel and deck based upon the modular ratio, "n", used for computing f_s (Total and Overload) due to short-term composite live loads (in.^{4} and in.^{3}).

$I_c(3n)$, $S_c(3n)$: Composite moment of inertia and section modulus of the steel and deck based upon 3 times the modular ratio, "3n", used for computing f_s (Total and Overload) due to long-term composite (superimposed) dead loads (in.^{4} and in.^{3}).

D_Q: Un-factored non-composite dead load (kips/ft.).

M_Q: Un-factored moment due to non-composite dead load (kip-ft.).

s_Q: Un-factored long-term composite (superimposed) dead load (kips/ft.)

M_{sQ}: Un-factored moment due to long-term composite (superimposed) dead load (kip-ft.).

M_L: Un-factored live load moment (kip-ft.).

M_{Imp}: Un-factored moment due to impact (kip-ft.).

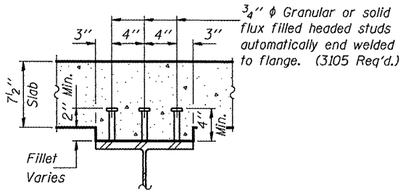
M_a: Factored design moment (kip-ft.).
$1.3\,[\,M_Q + M_{sQ} + \frac{5}{3}\,(M_L + M_{Imp})\,]$

M_u: Compact composite moment capacity according to AASHTO LFD 10.50.1.1 or compact non-composite moment capacity according to AASHTO LFD 10.48.1 (kip-ft.).

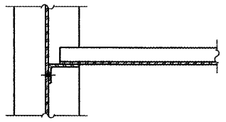
f_s (Overload): Sum of stresses as computed from the moments below (ksi).
$M_Q + M_{sQ} + \frac{5}{3}\,(M_L + M_{Imp})$

VR: Maximum L + Impact horizontal shear range within the composite portion of the span for stud shear connector design (kips).

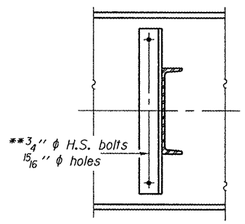
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

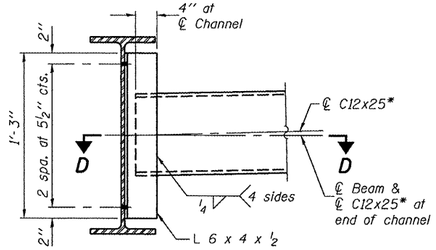


SECTION A-A



SECTION D-D



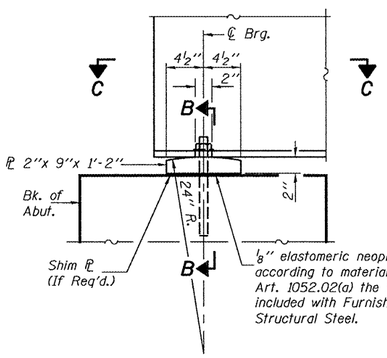


DIAPHRAGM D

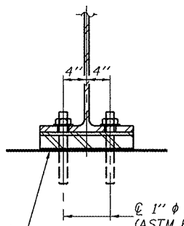
(28 Required)

* Alternate channel C12x30 is permitted to facilitate material acquisition. The calculated weight of structural steel is based on the lighter section, C12x25. The alternate, if utilized, will be provided at no extra cost to the department.

** Use 15/16" x 2¾" vertical slotted holes in connection angles at the west side of Beam 8 only. Between Beams 8 & 9, provide 15/16" plate washers for slotted holes. The bolts for slotted holes in angles at Beam 8 shall be finger tightened prior to the deck pour for Stage II construction and then be fully tightened after completion of the Stage II pour.



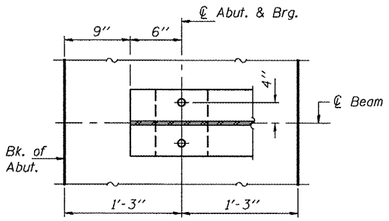
ELEVATION AT ABUTMENTS



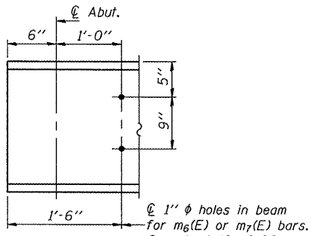
SECTION B-B

ABUTMENT BEARING

(30 Required)



SECTION C-C



END OF BEAM ELEVATION

	Bm. 1	Bm. 2	Bm. 3	Bm. 4	Bm. 5	Bm. 6	Bm. 7	Bm. 8	Bm. 9	Bm. 10	Bm. 11	Bm. 12	Bm. 13	Bm. 14	Bm. 15
℄ S. Abut.	470.30	470.43	470.55	470.67	470.77	470.86	470.95	471.04	470.95	470.86	470.77	470.67	470.55	470.43	470.30
℄ N. Abut.	470.08	470.20	470.32	470.45	470.54	470.63	470.73	470.82	470.73	470.63	470.54	470.45	470.32	470.20	470.08

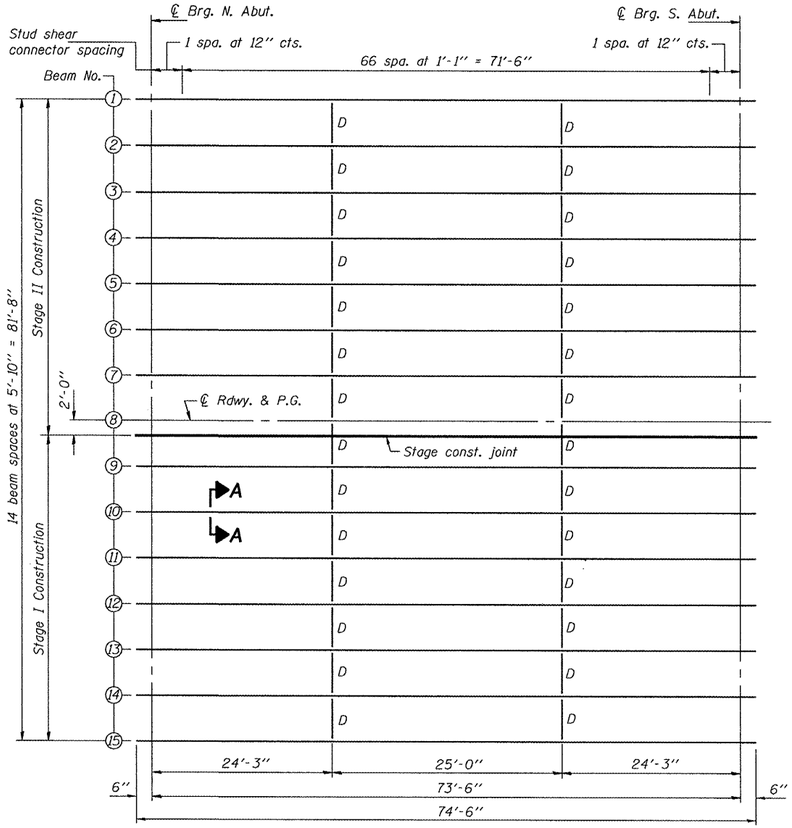
***TOP OF BEAM ELEVATIONS

***For fabrication only.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 64	(10B)BR	PEORIA	186	58
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 13
22 SHEETS

Contract #88803



FRAMING PLAN

Notes: All beams shall be W27x161 M 270, Grade 50.

Load carrying components designated "NTR" shall conform to the supplemental requirements for Notch Toughness, Zone 2.

All diaphragms shall be installed as steel is erected and secured with erection pins and bolts except as otherwise noted. Individual diaphragms at supports may be temporarily disconnected to install bearing anchor rods.

DESIGNED	D.P.C.
CHECKED	D.F.Z.
DRAWN	h.t. duong F.L.L. r.b. carbonell
CHECKED	D.P.C./D.F.Z.

November 13, 2008

EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN

PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

STRUCTURAL STEEL
F.A.P. RTE. 64 - SECTION (10B)BR
PEORIA COUNTY
STATION 80+69.5
STRUCTURE NO. 072-0198

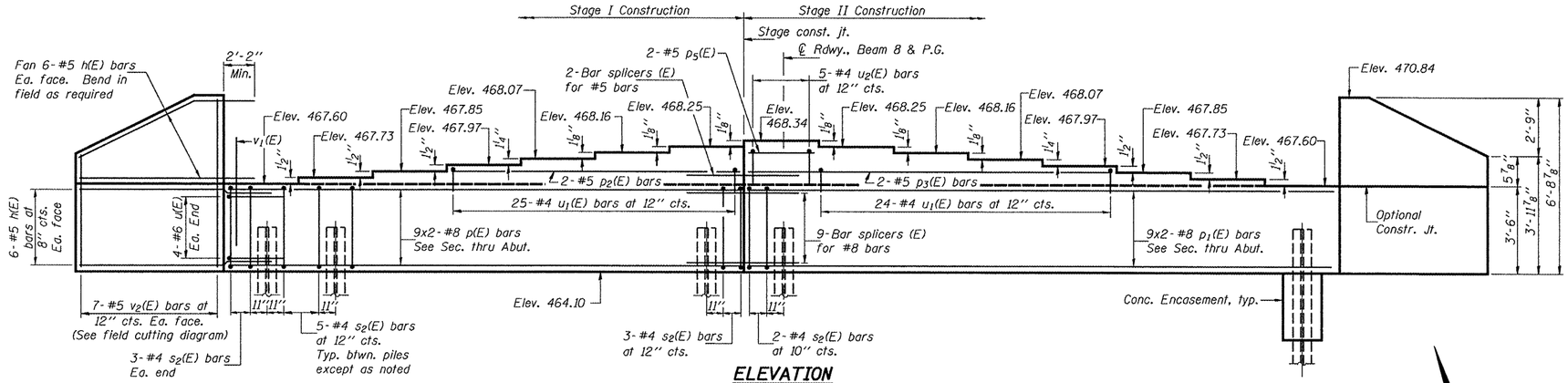
Notes: Pour steps monolithically with cap.
See sheet 17 of 22 for bar splicer (E) details.
Space reinforcement in cap to miss anchor bolts.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

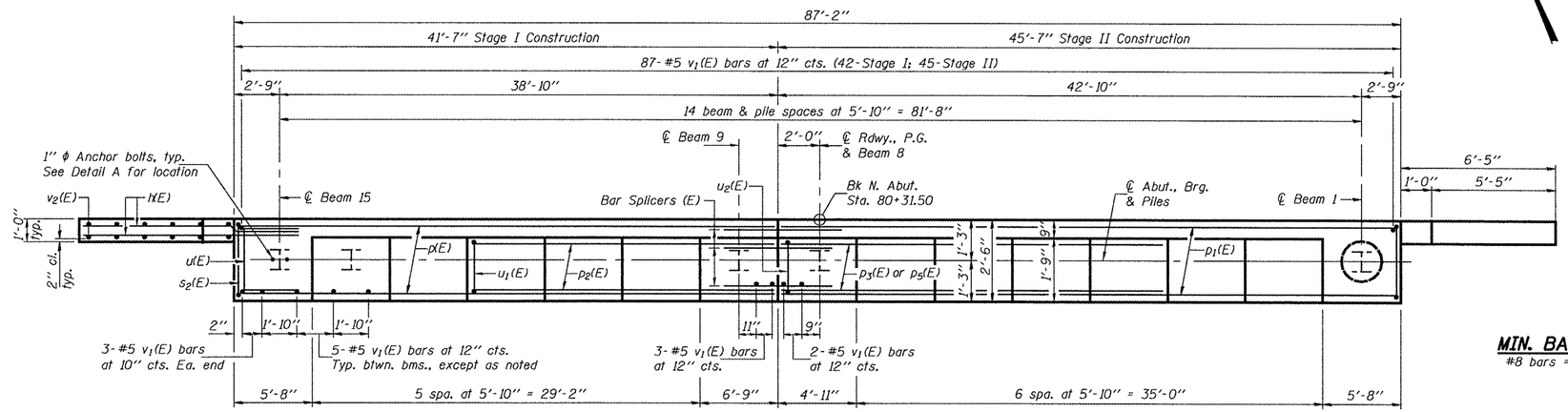
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 64	(10B)BR	PEORIA	186	59
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 14
22 SHEETS

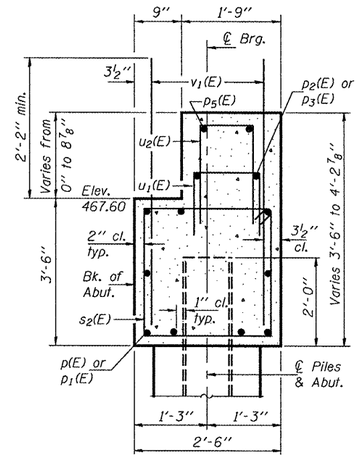
Contract #88803



ELEVATION



PLAN



SEC. THRU ABUT.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	48	#5	8'-11"	——
p(E)	18	#8	23'-1"	——
p1(E)	18	#8	25'-1"	——
p2(E)	2	#5	24'-1"	——
p3(E)	2	#5	28'-1"	——
p5(E)	2	#5	4'-9"	——
s2(E)	76	#4	11'-5"	□
u(E)	8	#6	9'-6"	⊐
u1(E)	49	#4	3'-11"	⊐
u2(E)	5	#4	4'-7"	⊐
v1(E)	163	#5	4'-4"	——
v2(E)	14	#5	10'-0"	——
Concrete Structures		Cu. Yd.	33.7	
Reinforcement Bars, Epoxy Coated		Pound	4600	
Furnishing Steel Piles HP12x53		Foot	714	
Test Pile Steel HP12x53		Each	1	
Driving Piles		Foot	714	
Structure Excavation		Cu. Yd.	207	
Bar Splicers		Each	11	
Concrete Encasement		Cu. Yd.	5.3	

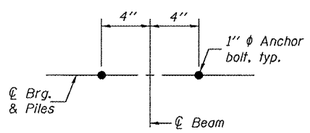
Bars indicated thus 9 x 2-#8 etc. indicates 9 lines of bars with 2 lengths per line.
For details of piles & concrete encasement, see sheet 16 of 22.

MIN. BAR LAP

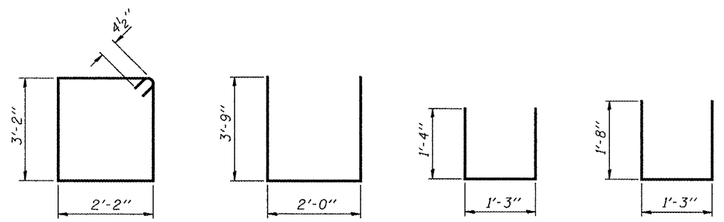
#8 bars = 4'-10"

PILE DATA

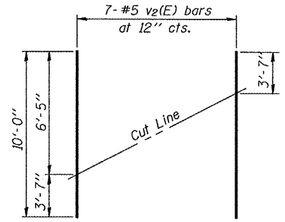
Type: Steel HP12x53
Nominal Required Bearing: 418 Kips
Factored Resistance Available: 209 Kips
Estimated Pile Length: 51'
No. Production Piles: 14
No. Test Piles: 1



DETAIL A



BAR s2(E) | BAR u(E) | BAR u1(E) | BAR u2(E)



FIELD CUTTING DIAGRAM

Order v2(E) bars full length. Cut as shown and use remainder of bars in opposite face.

DESIGNED	D.P.C.
CHECKED	D.F.Z.
DRAWN	h.t. duong F.L.L. r.b. carbonell
CHECKED	D.P.C./D.F.Z.

November 13, 2008
EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

NORTH ABUTMENT
F.A.P. RTE. 64 - SECTION (10B)BR
PEORIA COUNTY
STATION 80+69.5
STRUCTURE NO. 072-0198

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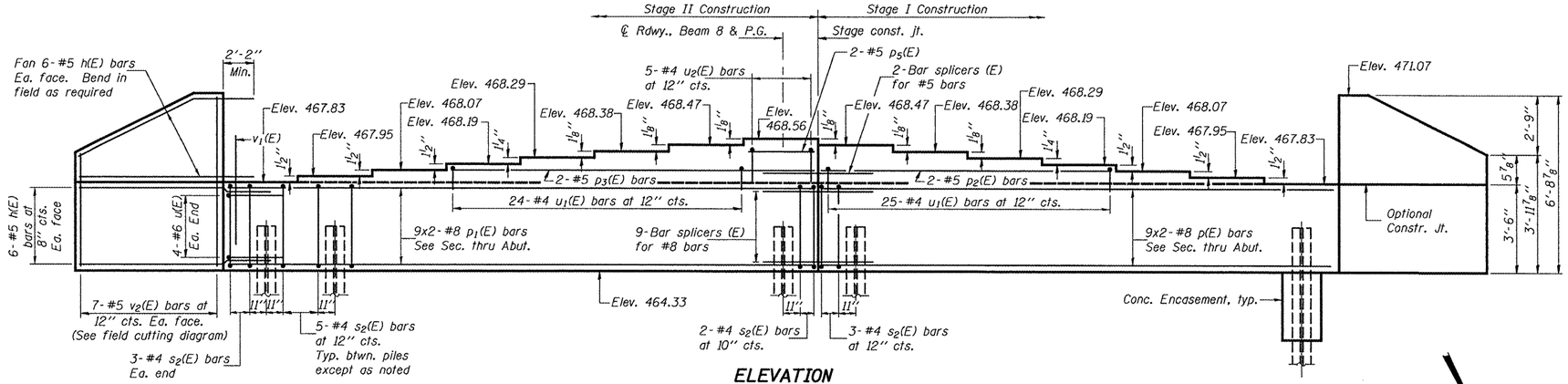
Notes: Pour steps monolithically with cap.
See sheet 17 of 22 for bar splicer (E) details.
Space reinforcement in cap to miss anchor bolts.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

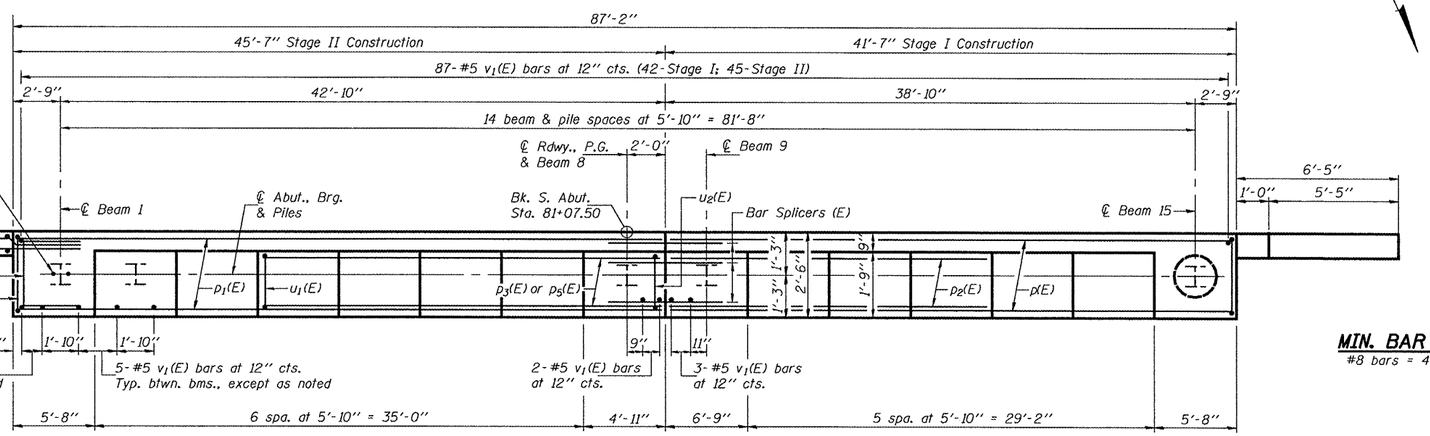
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 64	(10B)BR	PEORIA	136	60
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 15
22 SHEETS

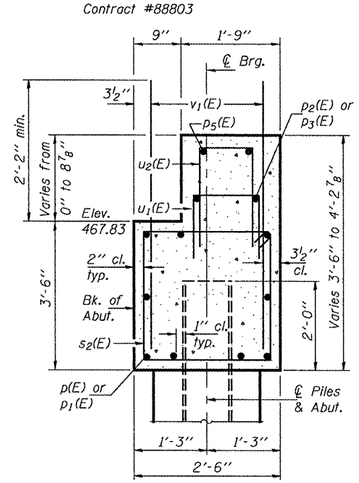
Contract #88803



ELEVATION



PLAN



SEC. THRU ABUT.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	48	#5	8'-11"	——
p(E)	18	#8	23'-1"	——
p1(E)	18	#8	25'-1"	——
p2(E)	2	#5	24'-1"	——
p3(E)	2	#5	28'-1"	——
p5(E)	2	#5	4'-9"	——
s2(E)	76	#4	11'-5"	□
u(E)	8	#6	9'-6"	⊐
u1(E)	49	#4	3'-11"	⊐
u2(E)	5	#4	4'-7"	⊐
v1(E)	163	#5	4'-4"	——
v2(E)	14	#5	10'-0"	——
Concrete Structures		Cu. Yd.	33.7	
Reinforcement Bars, Epoxy Coated		Pound	4600	
Furnishing Steel Piles HP12x53		Foot	728	
Test Pile Steel HP12x53		Each	1	
Driving Piles		Foot	728	
Structure Excavation		Cu. Yd.	207	
Bar Splicers		Each	11	
Concrete Encasement		Cu. Yd.	5.3	

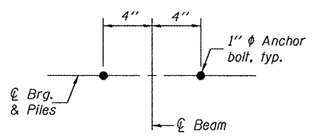
Bars indicated thus 9 x 2-#8 etc. indicates 9 lines of bars with 2 lengths per line.
For details of piles & concrete encasement, see sheet 16 of 22.

MIN. BAR LAP

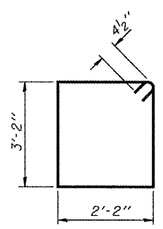
#8 bars = 4'-10"

PILE DATA

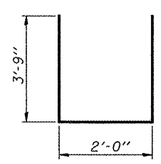
Type: Steel HP12x53
Nominal Required Bearing: 418 Kips
Factored Resistance Available: 209 Kips
Estimated Pile Length: 52'
No. Production Piles: 14
No. Test Piles: 1



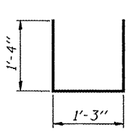
DETAIL A



BAR s2(E)



BAR u(E)



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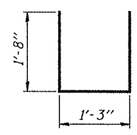

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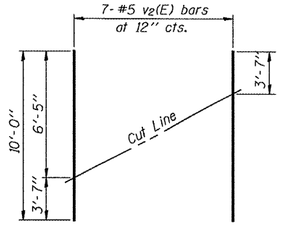


FIELD CUTTING DIAGRAM

Order v2(E) bars full length. Cut as shown and use remainder of bars in opposite face.

DESIGNED	D.P.C.
CHECKED	D.F.Z.
DRAWN	h.t. duong F.L.L. r.b. carbonell
CHECKED	D.P.C./D.F.Z.

November 13, 2008
EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

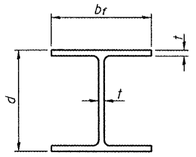
SOUTH ABUTMENT
F.A.P. RTE. 64 - SECTION (10B)BR
PEORIA COUNTY
STATION 80+69.5
STRUCTURE NO. 072-0198

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 64	(10B)BR	PEORIA	186	61
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

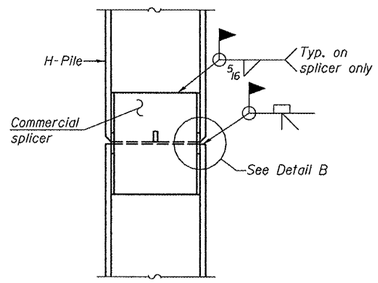
SHEET NO. 16
22 SHEETS

Contract #88803

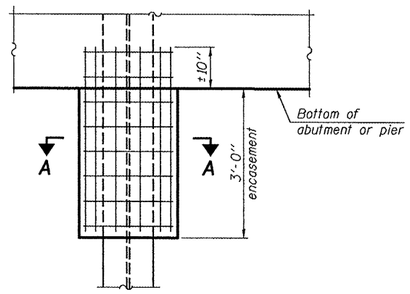


STEEL PILE TABLE

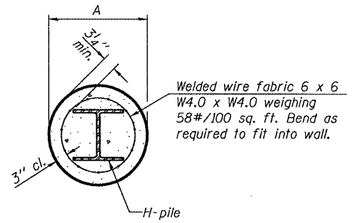
Designation	Depth d	Flange width b_f	Web and Flange thickness t	Encasement diameter A
HP 14x117	$14\frac{1}{4}''$	$14\frac{7}{8}''$	$\frac{13}{16}''$	30''
x102	14''	$14\frac{3}{4}''$	$\frac{11}{16}''$	30''
x89	$13\frac{7}{8}''$	$14\frac{3}{4}''$	$\frac{5}{8}''$	30''
x73	$13\frac{5}{8}''$	$14\frac{5}{8}''$	$\frac{1}{2}''$	30''
HP 12x84	$12\frac{1}{4}''$	$12\frac{1}{4}''$	$\frac{11}{16}''$	24''
x74	$12\frac{1}{8}''$	$12\frac{1}{4}''$	$\frac{5}{8}''$	24''
x63	12''	$12\frac{1}{8}''$	$\frac{1}{2}''$	24''
x53	$11\frac{3}{4}''$	12''	$\frac{7}{16}''$	24''
HP 10x57	10''	$10\frac{1}{4}''$	$\frac{9}{16}''$	24''
x42	$9\frac{3}{4}''$	$10\frac{1}{8}''$	$\frac{7}{16}''$	24''
HP 8x36	8''	$8\frac{1}{8}''$	$\frac{7}{16}''$	18''



ELEVATION



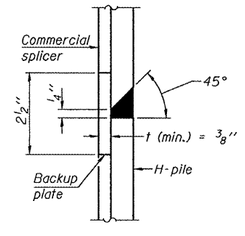
ELEVATION



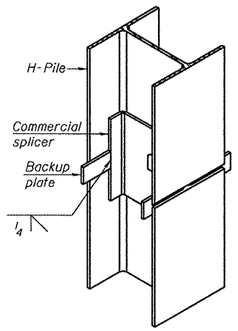
Note: Forms for encasement may be omitted when soil conditions permit.

SECTION A-A

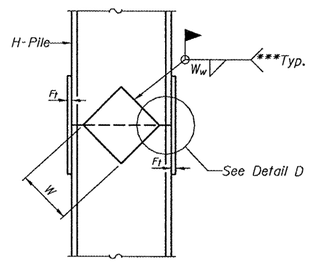
PILE ENCASEMENT



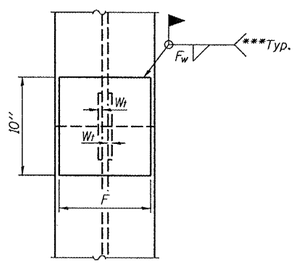
DETAIL "B"



ISOMETRIC VIEW

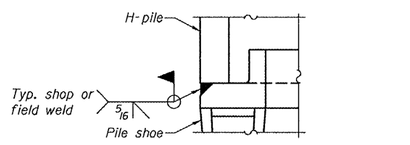


ELEVATION



END VIEW

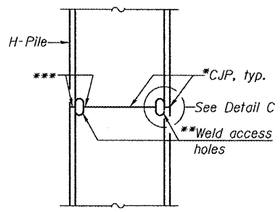
WELDED COMMERCIAL SPLICE



ELEVATION

DETAIL A

H-PILE SHOE ATTACHMENT



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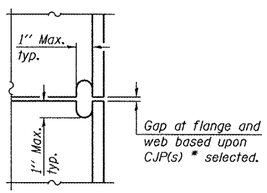
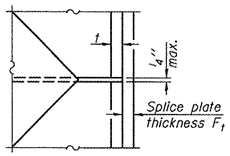


DETAIL C



DETAIL D

Designation	F	F_t	F_w	W	W_t	W_w
HP 14x117	$12\frac{1}{2}''$	1''	$\frac{7}{8}''$	$7\frac{3}{4}''$	$\frac{5}{8}''$	$\frac{1}{2}''$
x102	$12\frac{1}{2}''$	$\frac{7}{8}''$	$\frac{3}{4}''$	$7\frac{3}{4}''$	$\frac{5}{8}''$	$\frac{1}{2}''$
x89	$12\frac{1}{2}''$	$\frac{3}{4}''$	$\frac{11}{16}''$	$7\frac{3}{4}''$	$\frac{5}{8}''$	$\frac{1}{2}''$
x73	$12\frac{1}{2}''$	$\frac{5}{8}''$	$\frac{9}{16}''$	$7\frac{3}{4}''$	$\frac{5}{8}''$	$\frac{1}{2}''$
HP 12x84	10''	$\frac{7}{8}''$	$\frac{11}{16}''$	$6\frac{1}{2}''$	$\frac{5}{8}''$	$\frac{1}{2}''$
x74	10''	$\frac{7}{8}''$	$\frac{11}{16}''$	$6\frac{1}{2}''$	$\frac{5}{8}''$	$\frac{1}{2}''$
x63	10''	$\frac{5}{8}''$	$\frac{1}{2}''$	$6\frac{1}{2}''$	$\frac{1}{2}''$	$\frac{3}{8}''$
x53	10''	$\frac{5}{8}''$	$\frac{1}{2}''$	$6\frac{1}{2}''$	$\frac{1}{2}''$	$\frac{3}{8}''$
HP 10x57	8''	$\frac{3}{4}''$	$\frac{9}{16}''$	$5\frac{1}{4}''$	$\frac{1}{2}''$	$\frac{3}{8}''$
x42	8''	$\frac{5}{8}''$	$\frac{9}{16}''$	$5\frac{1}{4}''$	$\frac{1}{2}''$	$\frac{3}{8}''$
HP 8x36	7''	$\frac{5}{8}''$	$\frac{7}{16}''$	$4\frac{1}{4}''$	$\frac{1}{2}''$	$\frac{3}{8}''$

WELDED PLATE FIELD SPLICE

COMPLETE PENETRATION WELD SPLICE

*Use joint conforming to Figure 3.4 in AWS D1.1, Structure Welding Code-Steel.

**Preparation per Fig. 5.2 in AWS D1.1, Structure Welding Code-Steel.

***Interrupt welds 1/4'' from end of each pile.

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

DESIGNED	D.P.C.
CHECKED	D.F.Z.
DRAWN	h.t. duong
CHECKED	D.P.C./D.F.Z.

November 13, 2008
EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

F-HP 5-16-08

HP PILE DETAILS
F.A.P. RTE. 64 - SECTION (10B)BR
PEORIA COUNTY
STATION 80+69.5
STRUCTURE NO. 072-0198

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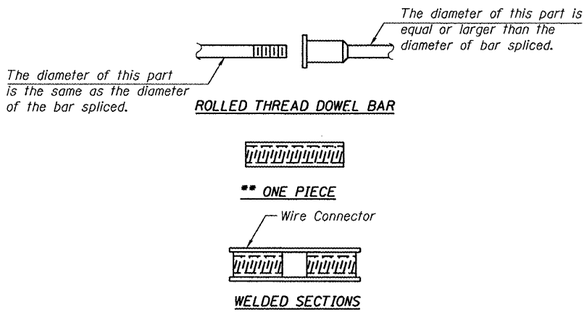
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 64	(10B)BR	PEORIA	186	62
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

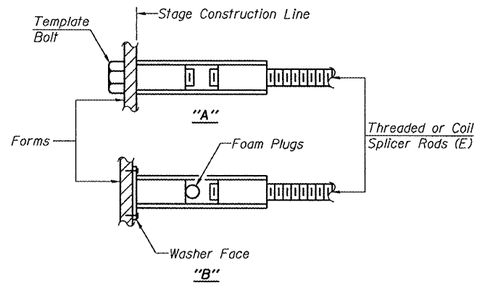
SHEET NO. 17
22 SHEETS

Contract #88803



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.

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.

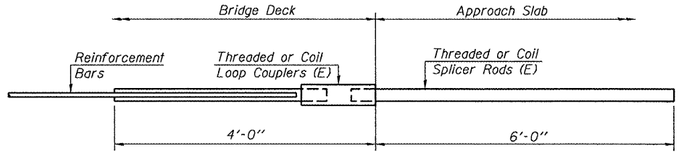
Other systems of similar design may be submitted to the Engineer for approval. Approval shall be based on certified test results from an approved testing laboratory that the proposed bar splicer assembly satisfies the following requirements:

① Minimum Capacity (Tension in kips) = $1.25 \times f_y \times A_t$

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

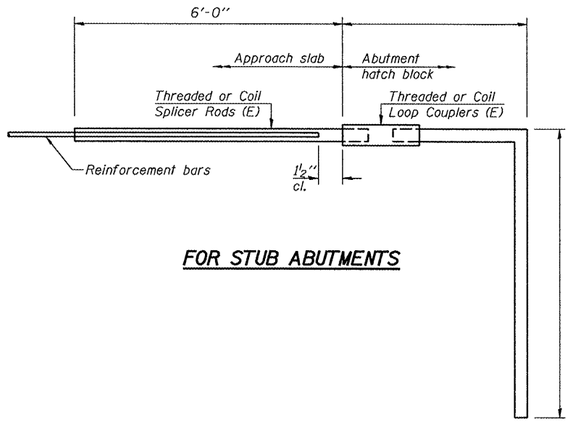
Where f_y = Yield strength of lapped reinforcement bars in ksi.
A_t = Tensile stress area of lapped reinforcement bars.
* = 28 day concrete

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



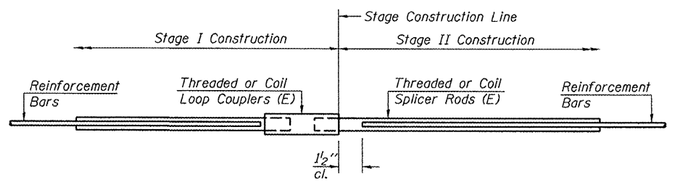
FOR INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 12.3 kips - tension
No. Required = 168



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
#5	205	Deck
#6	16	Diaphragms
#8	18	Abutments
#5	4	Abutments

DESIGNED	D.P.C.
CHECKED	D.F.Z.
DRAWN	h.t. duong
CHECKED	D.P.C./D.F.Z.

November 13, 2008
EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

BSD-1 5-16-08

BAR SPLICER ASSEMBLY DETAILS
F.A.P. RTE. 64 - SECTION (10B)BR
PEORIA COUNTY
STATION 80+69.5
STRUCTURE NO. 072-0198

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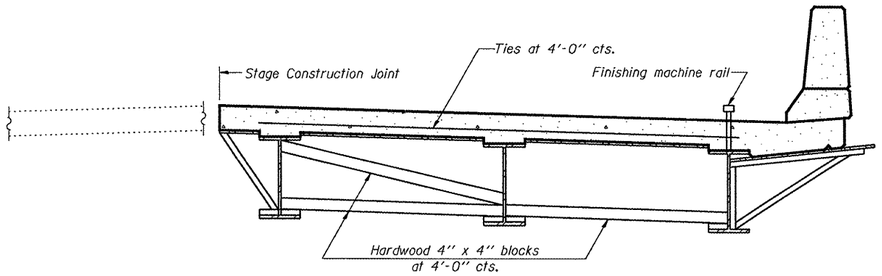
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

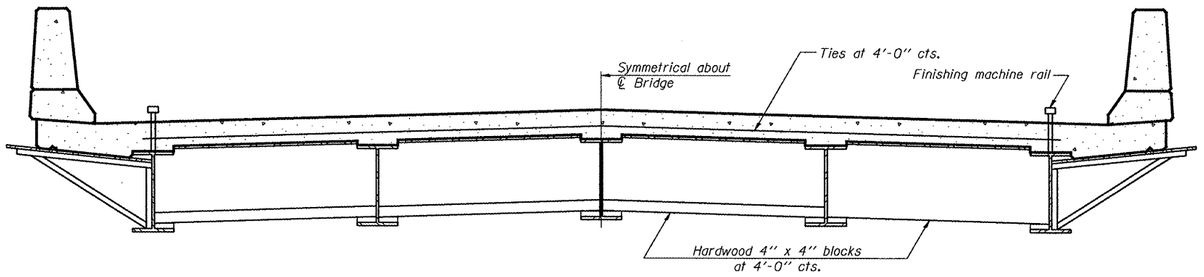
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 64	(10B)BR	PEORIA	186	63
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 18
22 SHEETS

Contract #88803



FORM BRACES FOR STAGE CONSTRUCTION



FORM BRACES FOR STANDARD CONSTRUCTION

When cantilever forming brackets are used, the work shall be done according to Article 503.06(b) of the Standard Specifications, except as modified below and in the details shown on this sheet.

The finishing machine rails shall be placed on the top flange of the exterior beams.

The beams or girders, supporting cantilever forming brackets, shall be tied together at 4 foot intervals.

For Standard construction, or Stage Construction the Hardwood bracing materials shall be placed as shown between webs of beams in each bay.

DESIGNED	D.P.C.
CHECKED	D.F.Z.
DRAWN	h.t. duong
CHECKED	D.P.C./D.F.Z.

November 13, 2008

EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN

PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

SB-1 5-16-08

CANTILEVER FORMING BRACKETS FOR SUPERSTRUCTURES WITH W27 BEAMS AND SMALLER
F.A.P. RTE. 64 - SECTION (10B)BR
PEORIA COUNTY
STATION 80+69.5
STRUCTURE NO. 072-0198

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 64	(10B)BR	PEORIA	186	64
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 19
22 SHEETS

Contract #88803

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 10/1800

ROUTE FAP 64 (IL 29) DESCRIPTION IL 29 OVER IL RIVER TRIB. IN MOSSVILLE LOGGED BY DPS

SECTION (10 B) BR LOCATION SW1/4,SE1/4, SEC. 27, TWP. 10N, RNG. 8E, 4th PM

COUNTY PEORIA DRILLING METHOD HSA HAMMER TYPE AUTOMATIC

STRUCT. NO. EXIST. 072-0017 PROP. 072-0196
Station 80+69.5

BORING NO. 1 (N. ABUT)
Station 80+35
Offset 36.00ft RT CL
Ground Surface Elev. 469.01 ft

Surface Water Elev. NONE ft
Stream Bed Elev. 463.39 ft

Groundwater Elev.:
First Encounter 459.5 ft ▼
Upon Completion 459.5 ft ▽
After 24 Hrs. 458.8 ft ▽

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
NO SAMPLE 0-1.5'			
467.51			
Brown SANDY CLAY LOAM	2		
	3	.66	20
	2	B	
465.01			
Brown SAND & GRAVEL	2		
-5	2		9
	2		
	1		
	1		10
	2		
460.01			
Brown SANDY LOAM	H		
10 ▽	1		21
	2		
457.51			
Gray SILTY CLAY	2		
	1	.21	30
	1	B	
455.01			
Brown & Gray SANDY CLAY LOAM	4		
-15	2		20
	3		
452.51			
Gray SAND	H		
	H		19
	H		
450.01			
Brown SAND & GRAVEL	2		
-20	1		
Brown SAND & GRAVEL (continued)	3		18
447.51			
Gray CLAY LOAM	H		
	H	.62	32
	1	B	
445.01			
Gray SANDY LOAM	1		
-25	2		21
	3		
442.51			
Gray SILTY CLAY LOAM	1		
	2	.21	30
	2	B	
440.01			
Gray SANDY LOAM	H		
-30	1		24
	2		
437.51			
Gray fine SAND	3		
	3		23
	3		
	2		
-35	3		20
	6		
432.51			
Gray SANDY LOAM	4		
	4		21
	7		
	3		
-40	6		

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
Illinois Department of Transportation

SOIL BORING LOG

Page 2 of 2

Date 10/1800

ROUTE FAP 64 (IL 29) DESCRIPTION IL 29 OVER IL RIVER TRIB. IN MOSSVILLE LOGGED BY DPS

SECTION (10 B) BR LOCATION SW1/4,SE1/4, SEC. 27, TWP. 10N, RNG. 8E, 4th PM

COUNTY PEORIA DRILLING METHOD HSA HAMMER TYPE AUTOMATIC

STRUCT. NO. EXIST. 072-0017 PROP. 072-0196
Station 80+69.5

BORING NO. 1 (N. ABUT)
Station 80+35
Offset 36.00ft RT CL
Ground Surface Elev. 469.01 ft

Surface Water Elev. NONE ft
Stream Bed Elev. 463.39 ft

Groundwater Elev.:
First Encounter 459.5 ft ▼
Upon Completion 459.5 ft ▽
After 24 Hrs. 458.8 ft ▽

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray SANDY LOAM (continued)	7		22
427.51			
Gray SAND	1		
	5		19
	9		
425.01			
Gray SILTY LOAM	2		
-45	2	.33	30
	5	B	
	3		
	2	.95	29
	4	B	
420.01			
Gray SAND & GRAVEL	15		
-50	14		9
	20		
	27		7
416.51			
Gray SHALEY CLAY	28		
	47		15
415.01			
Gray SHALE	65		
-55	100@5"		12
	50		
	100@2"		13
409.68			
End of Boring	100@4"		9
-60			

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)

BORING LOGS
F.A.P. RTE. 64 - SECTION (10B)BR
PEORIA COUNTY
STATION 80+69.5
STRUCTURE NO. 072-0198

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 64	(10B)BR	PEORIA	186	65
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 20
22 SHEETS

Contract #88803

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 9600

ROUTE FAP 64 (IL 29) DESCRIPTION IL 29 OVER IL RIVER TRIB. IN MOSSVILLE LOGGED BY DPS

SECTION (10 B) BR LOCATION SW¼,SE¼, SEC. 27, TWP. 10N, RNG. 8E, 4th PM

COUNTY PEORIA DRILLING METHOD HSA HAMMER TYPE AUTOMATIC

STRUCT. NO. EXIST. 072-0017 PROP. 072-0196
Station 80+69.5

BORING NO. 2 (N. ABUT)
Station 80+36
Offset 42.00ft LT CL
Ground Surface Elev. 468.83 ft

Surface Water Elev. NONE ft
Stream Bed Elev. 463.39 ft

Groundwater Elev.:
First Encounter 454.8 ft
Upon Completion 457.9 ft
After 24 Hrs. 459.1 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
				NO SAMPLE 0-1'
467.83				
	5			Brown SILTY CLAY LOAM
	10	2.0	6	
	20	P		
	3			
	4	.54	11	w/trace of gravel
-5	3	S		
462.83				
	3			Brown fine SAND w/some gravel
	5		7	
	4			
460.33				
	17			Dk. Gray SILTY CLAY LOAM w/trace of gravel
	9	1.25	17	
-10	4	P		
	1			
	1	.21	16	
	1	S		
455.33				
	1			Brown & Gray SILTY CLAY w/thin gravel seams
	1	.37	23	
-15	1	B		
452.83				
	H			Brown & Gray CLAY LOAM
	1	.25	30	
	1	B		
450.33				
	1			Brown SAND & GRAVEL
	4		12	
-20	3			
				Brown SAND & GRAVEL (continued)
447.08				
	1		16	
	1	.49	27	Gray SILTY CLAY
	2	B		
	1			
	1	1.57	23	
-25	2	B		
442.83				
	H			Gray SILTY LOAM
	1	.37	27	
	2	B		
440.33				
	2			Gray SAND
	3		17	
-30	1			
437.83				
	2			Brown & Gray SAND & GRAVEL
	5		15	
	11			
	3			
	3		8	
-35	2			
	12			
	14		16	
	16			
	14			
	16		13	
-40	18			

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
Illinois Department of Transportation

SOIL BORING LOG

Page 2 of 2

Date 9600

ROUTE FAP 64 (IL 29) DESCRIPTION IL 29 OVER IL RIVER TRIB. IN MOSSVILLE LOGGED BY DPS

SECTION (10 B) BR LOCATION SW¼,SE¼, SEC. 27, TWP. 10N, RNG. 8E, 4th PM

COUNTY PEORIA DRILLING METHOD HSA HAMMER TYPE AUTOMATIC

STRUCT. NO. EXIST. 072-0017 PROP. 072-0196
Station 80+69.5

BORING NO. 2 (N. ABUT)
Station 80+36
Offset 42.00ft LT CL
Ground Surface Elev. 468.83 ft

Surface Water Elev. NONE ft
Stream Bed Elev. 463.39 ft

Groundwater Elev.:
First Encounter 454.8 ft
Upon Completion 457.9 ft
After 24 Hrs. 459.1 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
				Brown & Gray SAND & GRAVEL (continued)
	7			
	5		17	
	2			
425.33				
	4			Gray SILTY LOAM
	5	.54	26	
-45	5	B		
422.83				
	6			Brown & Gray SAND & GRAVEL
	2		3	
	2			
	7			
	14		15	
-50	15			
417.83				
	43			Gray SHALE
	100@12"		9	
	75			
	100@12"		12	
-55				
	72			
411.66	100@8"		12	
				End of Boring
-60				

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)

BORING LOGS
F.A.P. RTE. 64 - SECTION (10B)BR
PEORIA COUNTY
STATION 80+69.5
STRUCTURE NO. 072-0198

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 64	(10B)BR	PEORIA	186	66
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 21
22 SHEETS

Contract #88803

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 9/7/00

ROUTE FAP 64 (IL 29) DESCRIPTION IL 29 OVER IL RIVER TRIB. IN MOSSVILLE LOGGED BY DPS

SECTION (10 B) BR LOCATION SW¼,SE¼, SEC. 27, TWP. 10N, RNG. 8E, 4th PM

COUNTY PEORIA DRILLING METHOD HSA HAMMER TYPE AUTOMATIC

STRUCT. NO. EXIST. 072-0017 PROP. 072-0196
Station 80+69.5

BORING NO. 3 (S. ABUT)
Station 81+02
Offset 41.00ft RT CL
Ground Surface Elev. 469.53 ft

Surface Water Elev. NONE ft
Stream Bed Elev. 463.39 ft

Groundwater Elev.:
First Encounter 456.5 ft ▼
Upon Completion 454.2 ft ▽
After 24 Hrs. 451.3 ft ▽

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)	Material
				NO SAMPLE 0-1.5'
				468.03
	3			Brown LOAM
	3	1.03	16	
	2	B		
	2			
-5	2	.37	16	
	2	S		
				463.03
	1			Dk. Brown & Gray SILTY CLAY LOAM
	1	1.24	30	
	2	B		
				460.53
	1			Dk. Gray SILTY CLAY
-10	1	.62	25	
	2	B		
				458.03
	1			Lt. to Dk. Gray SILTY CLAY LOAM w/sand seams
	1	.41	17	
	2	B		
				455.53
	2			Lt. Brown & Gray SILTY CLAY
-15	1	.45	27	
▽	1	B		
				452.53
	H	.45B	30	Dk. Gray SILTY CLAY LOAM
	1	.33B	25	
▽	1			
				450.53
	1			Lt. Brown & Gray SANDY LOAM
-20	1			
	2		16	Lt. Brown & Gray SANDY LOAM (continued)
				448.03
	1			Gray CLAY
	1	.74	32	
	1	B		
				445.53
-25	2			Brown SAND & GRAVEL
	2		19	
	3			
				443.03
	1		20	Brown & Gray SANDY CLAY LOAM
	1	.58	26	
	1	B		
				440.53
	H			Gray & Brown fine SAND
-30	H		19	
	1			
	3			
	3		19	
	2			
				435.53
	4			Gray SAND
-35	5		18	
	6			
	3			
	6		20	
	8			
	4			
-40	8			

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
Illinois Department of Transportation

SOIL BORING LOG

Page 2 of 2

Date 9/7/00

ROUTE FAP 64 (IL 29) DESCRIPTION IL 29 OVER IL RIVER TRIB. IN MOSSVILLE LOGGED BY DPS

SECTION (10 B) BR LOCATION SW¼,SE¼, SEC. 27, TWP. 10N, RNG. 8E, 4th PM

COUNTY PEORIA DRILLING METHOD HSA HAMMER TYPE AUTOMATIC

STRUCT. NO. EXIST. 072-0017 PROP. 072-0196
Station 80+69.5

BORING NO. 3 (S. ABUT)
Station 81+02
Offset 41.00ft RT CL
Ground Surface Elev. 469.53 ft

Surface Water Elev. NONE ft
Stream Bed Elev. 463.39 ft

Groundwater Elev.:
First Encounter 456.5 ft ▼
Upon Completion 454.2 ft ▽
After 24 Hrs. 451.3 ft ▽

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)	Material
	10		17	Gray SAND (continued)
				428.03
	6			Gray SAND & GRAVEL
	6		18	
	4			
	6			
-45	8		16	
	10			
	8			
	6		19	
	4			
	3			
-50	8		10	
	8			
	22			
	24		6	
	19			boulder @ 52.5'
				415.53
	00@5"		10	Gray SHALE
-55				
	00@4"		10	thin limestone seam @ 57'
				410.36
	00@2"		11	End of Boring
-60				

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)

BORING LOGS
F.A.P. RTE. 64 - SECTION (10B)BR
PEORIA COUNTY
STATION 80+69.5
STRUCTURE NO. 072-0198

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 64	(10B)BR	PEORIA	186	67
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 22
22 SHEETS

Contract #88803

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 9/1/00

ROUTE FAP 64 (IL 29) DESCRIPTION IL 29 OVER IL RIVER TRIB. IN MOSSVILLE LOGGED BY DPS

SECTION (10 B) BR LOCATION SW1/4,SE1/4, SEC. 27, TWP. 10N, RNG. 8E, 4th PM

COUNTY PEORIA DRILLING METHOD HSA HAMMER TYPE AUTOMATIC

STRUCT. NO. EXIST. 072-0017 PROP. 072-0196
Station 80+69.5

BORING NO. 4 (S. ABUT)
Station 81+14
Offset 44.50ft LT CL
Ground Surface Elev. 468.49 ft

Surface Water Elev. NONE ft
Stream Bed Elev. 463.39 ft

Groundwater Elev.:
First Encounter 451.5 ft
Upon Completion 457.1 ft
After 24 Hrs. 456.1 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Soil Description
				NO SAMPLES TAKEN 0-1.5'
				466.99
	8			Brown SILTY LOAM w/gravels
	8	1.25	4	
	9	P		
				464.49
	2			Gray SILTY CLAY LOAM w/ gravel
-5	3	.62	15	
	5	S		
				461.99
	3			Brown SILTY CLAY
	3	1.24	24	
	5	B		
	1			
-10	2	1.03	30	
	2	B		
				456.99 ▽
	1			Gray & Brown SILTY CLAY LOAM
▽	2	.49	19	
	2	B		
	1			
-15	2	.82	24	
	2	B		
				451.99
	1			Dark Gray SILTY SAND
▼	1		25	
	H			
				449.49
	H			Brown & Gray SAND & GRAVEL
-20	4			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Soil Description
	3		13	Brown & Gray SAND & GRAVEL (continued)
				446.49
	2		17	
	1	.25	27	Gray SILTY CLAY LOAM
	1	B		
	1			
-25	1	.37	28	
	2	B		
	2			
-30	1	.29	23	
	1	B		
				436.99
	6			Gray & Brown SAND & GRAVEL
	9		13	
	8			
				434.49
	3			Gray fine SAND w/gravel
-35	3		16	
	7			
	17			
	19		11	
	21			
				429.49
	8			Gray SAND & GRAVEL
-40	17			

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
Illinois Department of Transportation

SOIL BORING LOG

Page 2 of 2

Date 9/1/00

ROUTE FAP 64 (IL 29) DESCRIPTION IL 29 OVER IL RIVER TRIB. IN MOSSVILLE LOGGED BY DPS

SECTION (10 B) BR LOCATION SW1/4,SE1/4, SEC. 27, TWP. 10N, RNG. 8E, 4th PM

COUNTY PEORIA DRILLING METHOD HSA HAMMER TYPE AUTOMATIC

STRUCT. NO. EXIST. 072-0017 PROP. 072-0196
Station 80+69.5

BORING NO. 4 (S. ABUT)
Station 81+14
Offset 44.50ft LT CL
Ground Surface Elev. 468.49 ft

Surface Water Elev. NONE ft
Stream Bed Elev. 463.39 ft

Groundwater Elev.:
First Encounter 451.5 ft
Upon Completion 457.1 ft
After 24 Hrs. 456.1 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Soil Description
	21		12	Gray SAND & GRAVEL (continued)
				426.99
	7			Gray silty SAND
	3		30	
	3			
-45				
				421.99
	H			Gray SILTY CLAY
	1	.82	73	
	2	B		
				419.49
	41			Gray SAND & GRAVEL
-50	14		9	
	60			
	8			
				415.49
	25		11	Gray SHALE
	40			
	66			
-55	00@2"		13	
	00@4"		10	
	409.09	100@5"		11	End of Boring
-60				

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)

BORING LOGS
F.A.P. RTE. 64 - SECTION (10B)BR
PEORIA COUNTY
STATION 80+69.5
STRUCTURE NO. 072-0198

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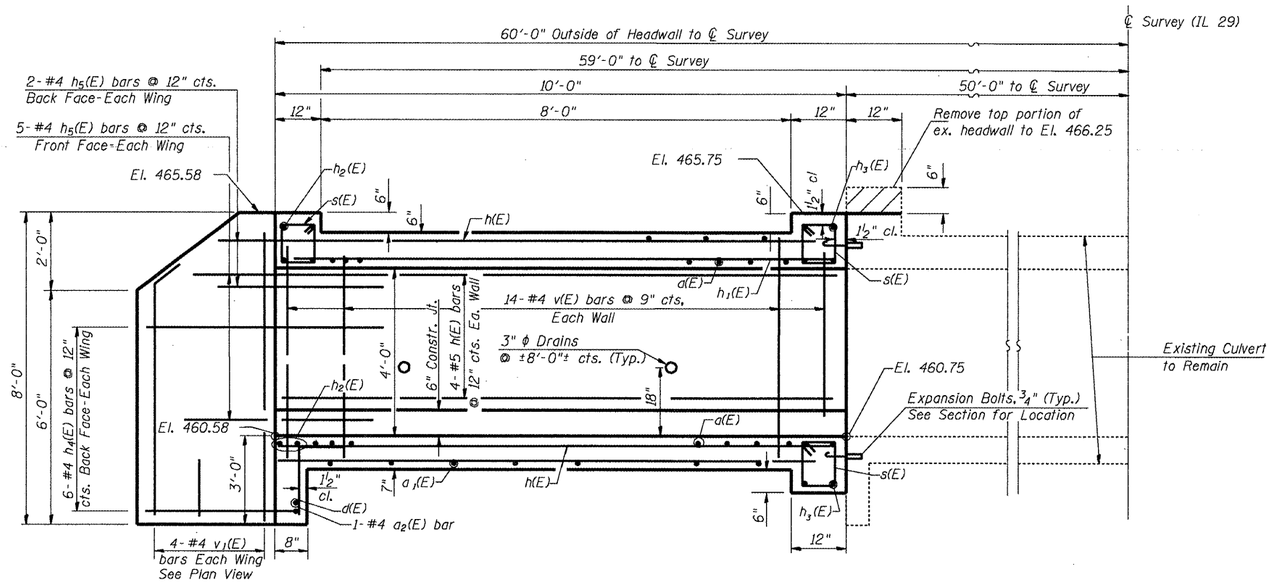
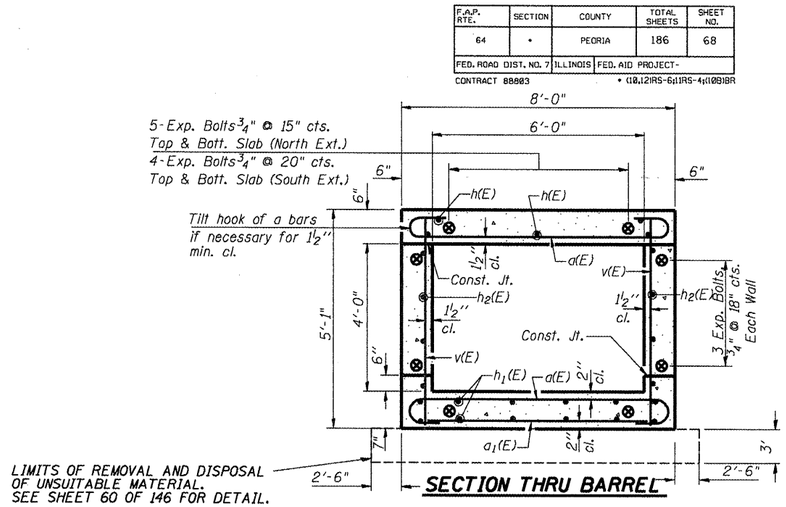
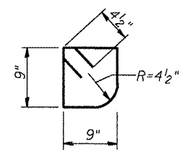
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	186	68
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		
CONTRACT 88803		* (18,12)RS-6(1)RS-4(10B)BR		



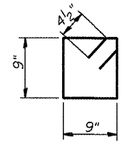
ELEVATION - EAST EXTENSION



SECTION THRU BARREL



BAR s1(E)



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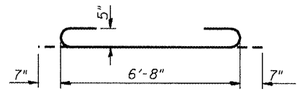

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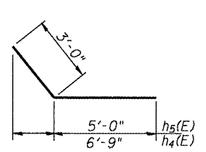
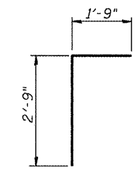


BARS h4(E) & h5(E)



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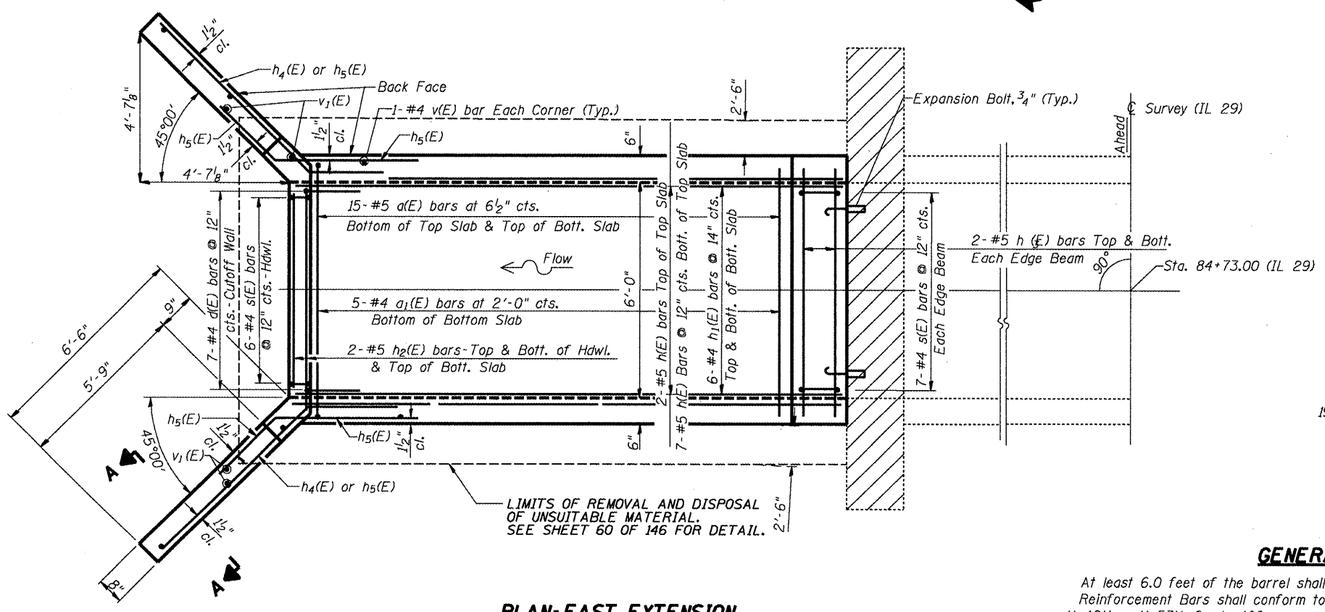


PLAN-EAST EXTENSION

DESIGN STRESSES

f'c = 3,500 psi
fy = 60,000 psi

DESIGN SPECIFICATIONS

1996 AASHTO and 1997 and 1998 Interims

LOADING MS18

Design provides for a future wearing Surface of 2.4 kN/m²

GENERAL NOTES

At least 6.0 feet of the barrel shall be poured monolithically with the wingwalls.
Reinforcement Bars shall conform to the requirements of AASHTO M-31M, M-42M or M-53M, Grade 400.
For backfilling and embankment see Standard Specifications.

See Sheet 2 of 2 for Bill of Material, Section Thru Headwall and Section A-A.

ILLINOIS DEPARTMENT OF TRANSPORTATION

SHEET TITLE: CULVERT EXTENSION

PROJECT: FAP ROUTE 64 (IL 29)
SECTION (10B) BR
PEORIA COUNTY
STATION 84+73.00

PROJECT NO. 01011
SCALE
DATE 08/2008
DRAWN BY TFG/CFC
CHECKED BY CCA/MCB
DRAWING NO. 1
OF 2 SHTS

COOMBE-BLOXDORF P.C.
Engineers/Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002703

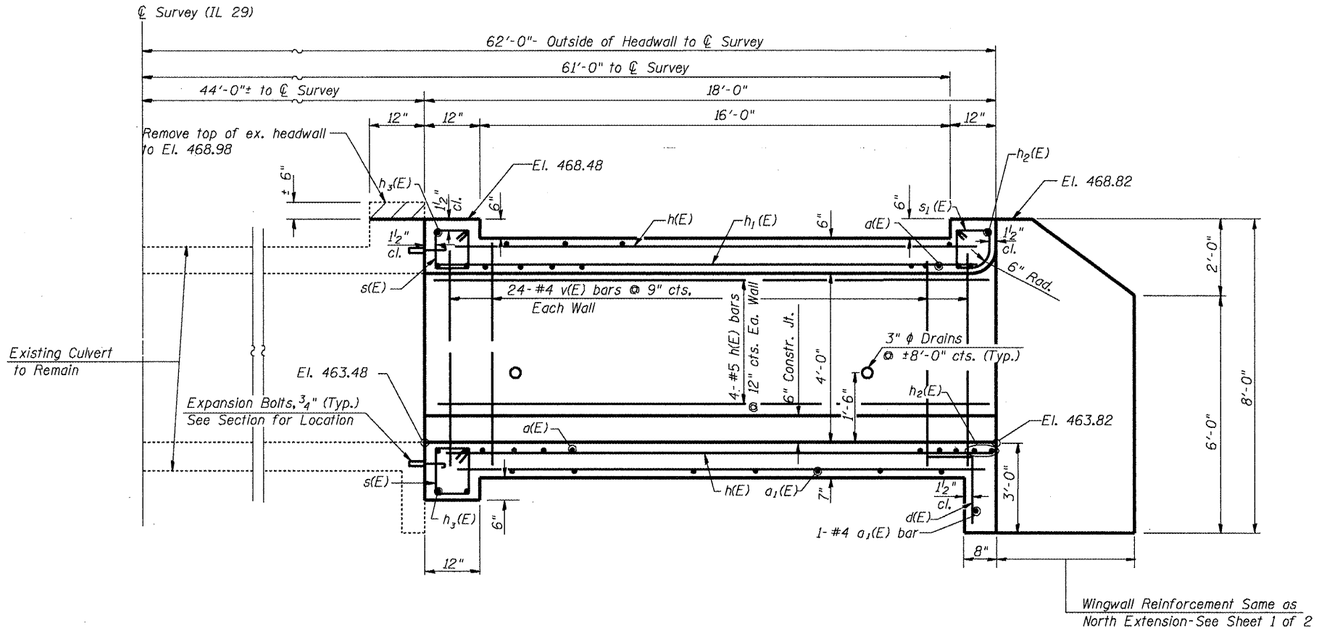
10/17/2008
#FILEABBREV#

culvert-ext-east

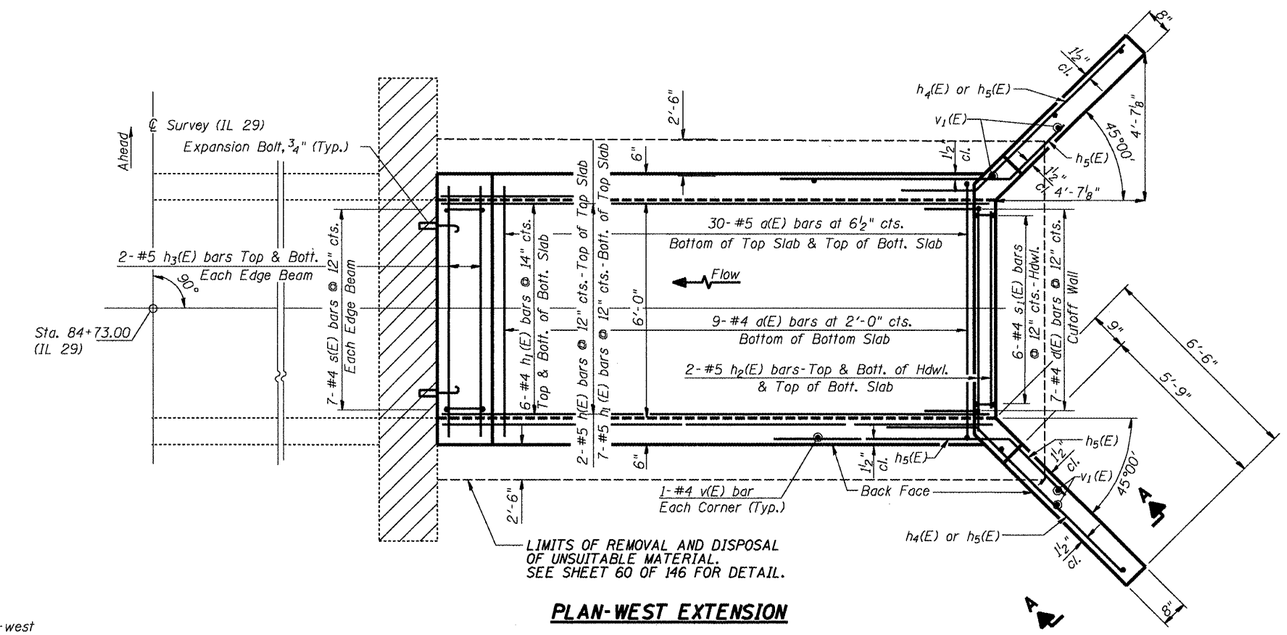
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	183	69
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

CONTRACT 88803

* (10,12)RS-6(11)RS-4(10)BR



ELEVATION-WEST EXTENSION



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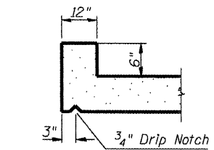
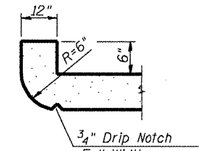


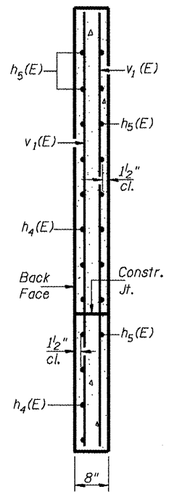
SECTION THRU HEADWALL

At Downstream End



SECTION THRU HEADWALL

At Upstream End



SECTION A-A

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	90	#5	7'-10"	
a1(E)	14	#4	6'-9"	
d(E)	14	#4	4'-6"	
h(E)	34	#5	9'-9"	
h1(E)	24	#4	9'-9"	
h2(E)	12	#5	5'-10"	
h3(E)	16	#5	6'-9"	
h4(E)		#4	9'-9"	
h5(E)		#5	8'-0"	
s(E)	34	#4	3'-9"	
s1(E)	6	#4	3'-7"	
v(E)	80	#4	4'-9"	
v1(E)	16	#4	7'-0"	
Reinforcement Bars Epoxy Coated		lb.	1620	
Concrete Box Culverts		Cu. Yd.	12.9	
Expansion Bolts, 3/4"		Each	32	
Concrete Removal		Cu. Yd.	3.0	

Existing reinforcement not extending into new construction shall be cut at the removal line and removed. Cost included with concrete removal.

See Sheet 1 of 2 for Bar Details, Section Thru Barrel and reinforcement layout not shown.

ILLINOIS DEPARTMENT OF TRANSPORTATION

SHEET TITLE: CULVERT EXTENSION

PROJECT: FAP ROUTE 64 (IL 29)
SECTION (10B) BR
PEORIA COUNTY
STATION 84+73.00

PROJECT NO. 01011
SCALE:
DATE 08/2008
DRAWN BY TFG
CHECKED BY CCA/MCB
DRAWING NO. 2 OF 2 SHTS

COOMBE-BLOXDORF P.C.
Engineers / Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002703

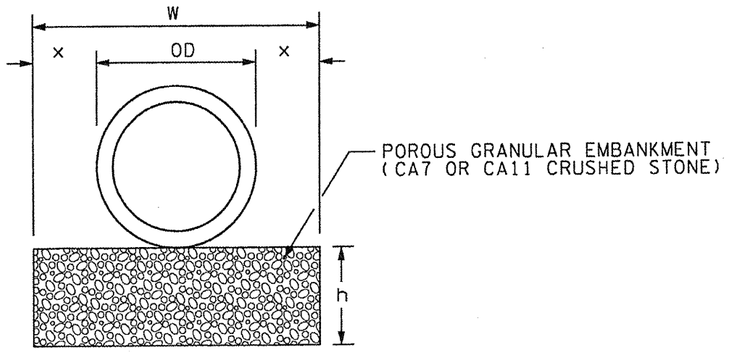
10/17/2008
#FILE#8362V9

culvert-ext-west

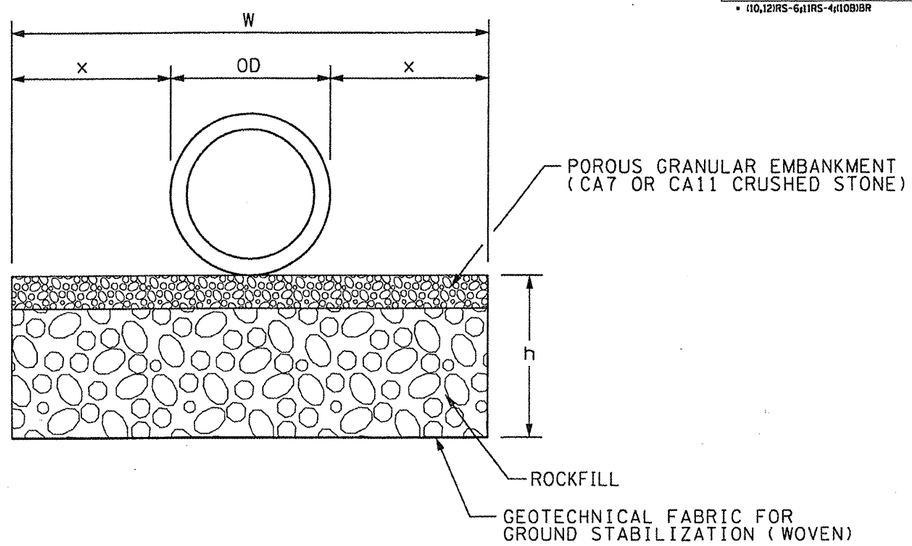
CONTRACT NO. 88803

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	183	70
		FED. AID PROJECT		

* (10,12)RS-6(1)RS-4(108)BR



ALTERNATE I: FOR 12" TO 18" UNDERCUT



ALTERNATE II: FOR 18" TO 36" UNDERCUT

CULVERT LOCATION	UNDERCUT			
	DEPTH	WIDTH		
	h	x	OD	W
STA 84+73 - NORTH EXTENSION	3'	2' 6"	7'	12'
STA 84+73 - SOUTH EXTENSION	3'	2' 6"	7'	12'

CULVERT LOCATION	REM. & DISP. OF UNSUITABLE MATERIAL				GEOTECH. FABRIC FOR GND. STAB.	ROCKFILL, FOUNDATION	PGE
	DEPTH	WIDTH	LENGTH	QUANTITY			
	h	W	L	CU YD	SQ YD	TON	TON
STA 84+73 - NORTH EXTENSION	3'	12'	12.5'	16.67	16.67	26.25	26.25
STA 84+73 - SOUTH EXTENSION	3'	12'	20.5'	27.33	27.33	43.05	43.05
TOTALS				44	44	69	69

GENERAL NOTES:

1. Undercut if the Dynamic Cone Penetrometer tests indicate soil strength is less than 1 ton/sq ft.

2. DEFINITIONS:
   OD = Outside Diameter or outside width of box culvert
   h = Depth of undercut (for precast box culverts, the upper 6" is included in the cost of culvert).
   x = h or min. width specified in Sec. 542.04, which ever is greater for pipe culverts.
   x = h or minimum 2 feet, which ever is greater for box culverts.
   W = Width of undercut = 2x + OD

3. For undercuts greater than 36", use Alternate II with undercut treatments as directed by the District Geotechnical Engineer.

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

DATE	REVISIONS	BY

ILLINOIS DEPARTMENT OF TRANSPORTATION

SPECIAL DETAIL SHEET

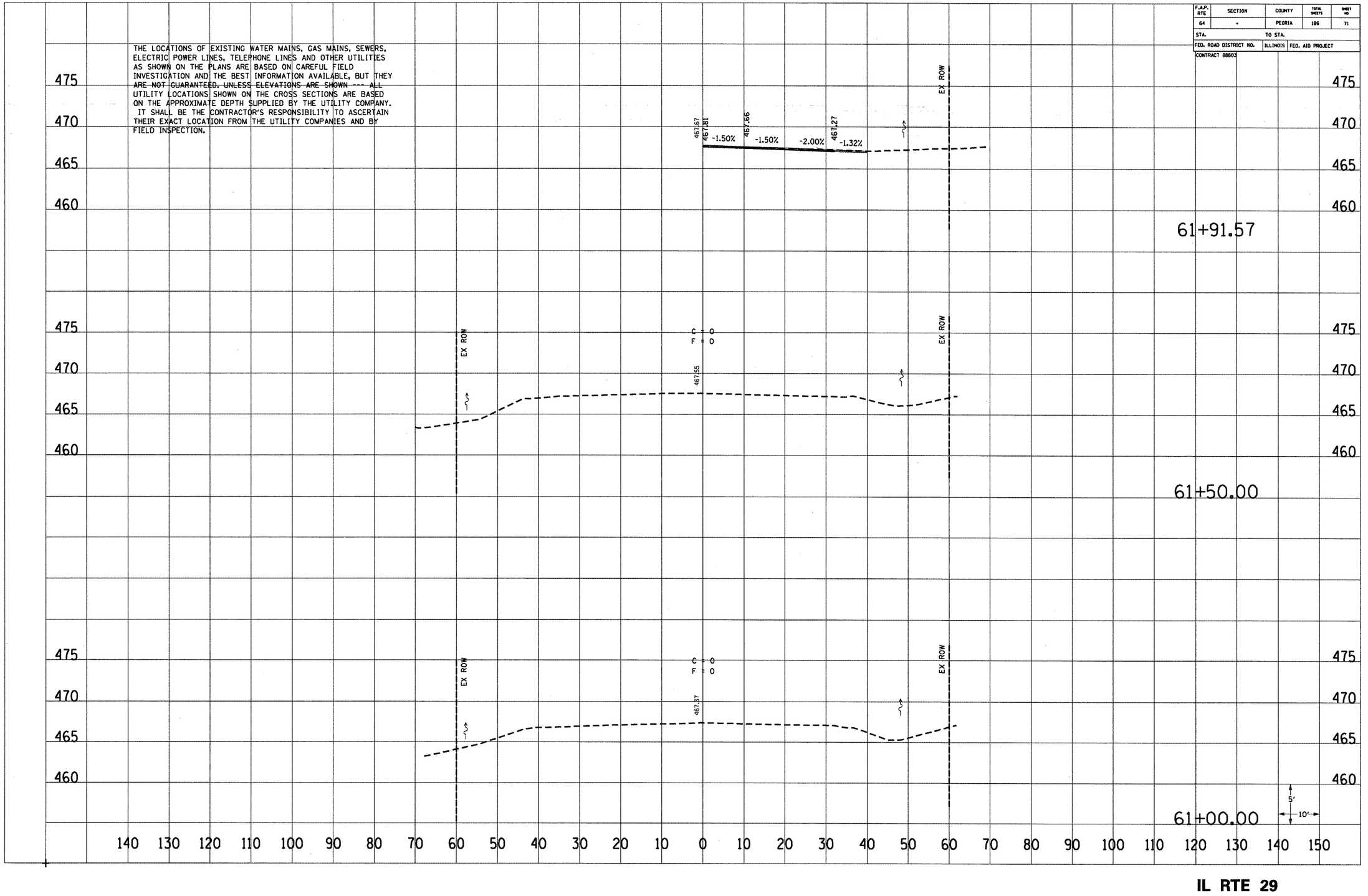
UNSUITABLE EXCAVATION TREATMENT FOR CULVERTS

SCALE: NOT DRAWN TO SCALE — DRAWN BY HZS

DATE 9-7-2007 — CHECKED BY

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	-	PEORIA	186	71
STA.		TO STA.		
FED. ROAD DISTRICT NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT 88803				

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ~~ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL~~ UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

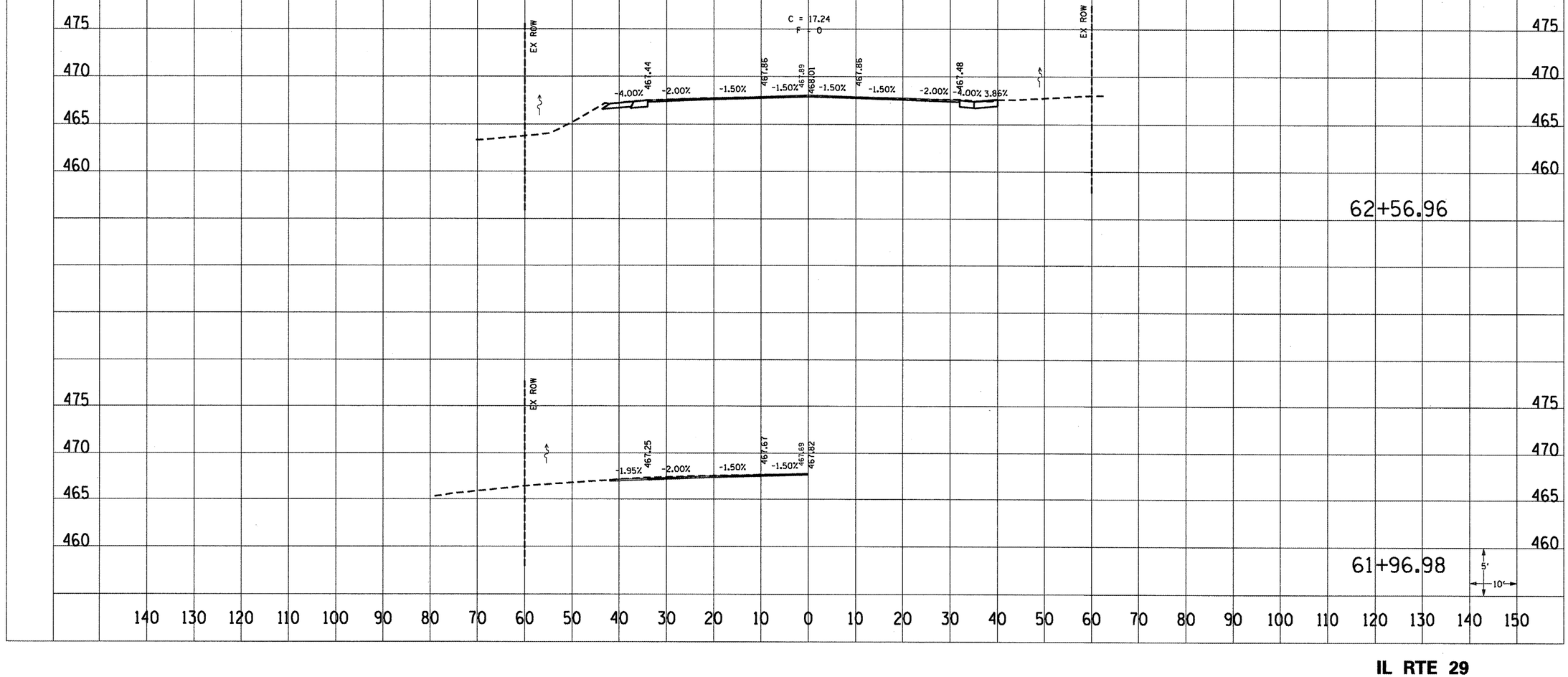


IL RTE 29

*110.12RS-6111RS-4/110B1BR

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	-	PEORIA	186	72
STA.		TO STA.		
FED. ROAD DISTRICT NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT 88803				

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ~~ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL~~ UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



IL RTE 29

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	186	73
STA.		TO STA.		
FED. ROAD DISTRICT NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT 88903				

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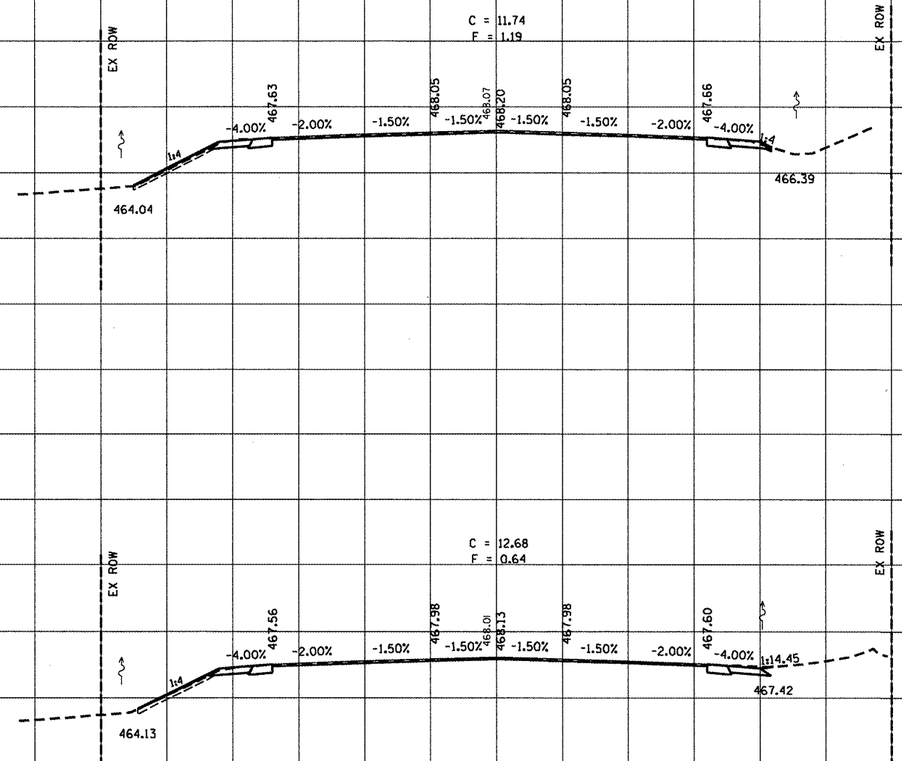
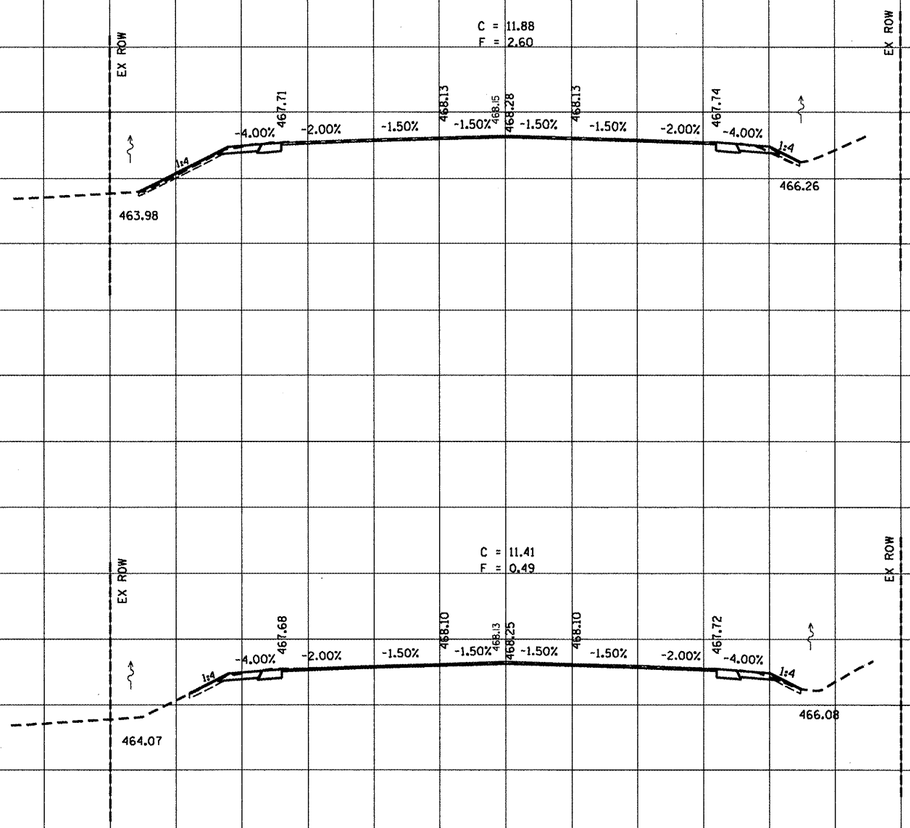


IL RTE 29

+130.12RS-6411RS-4@10BJBR

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	-	PEORIA	186	74
STA.		TO STA.		
FED. ROAD DISTRICT NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT 88803				

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ~~ARE NOT GUARANTEED, UNLESS ELEVATIONS ARE SHOWN --- ALL~~ UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



IL RTE 29

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	-	PEORIA	186	75
STA.		TO STA.		
FED. ROAD DISTRICT NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT 88903				

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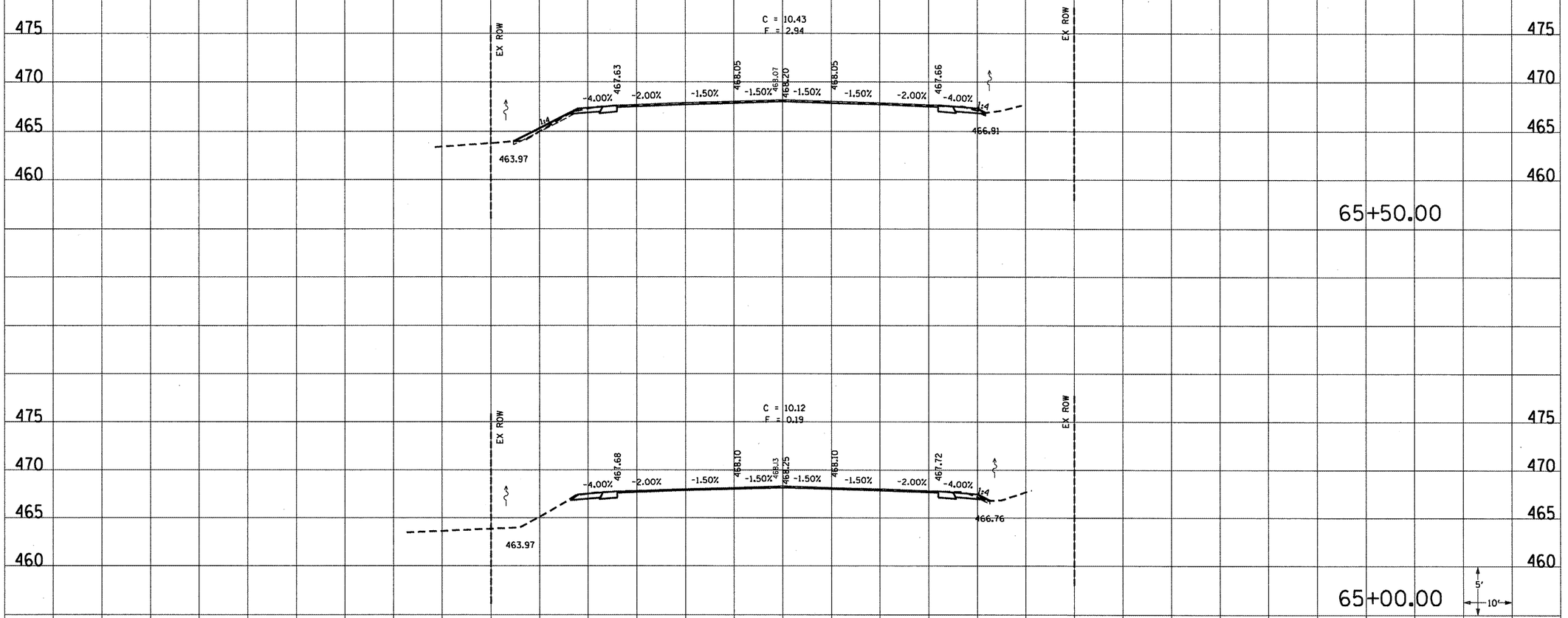

IL RTE 29

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	*	PEORIA	186	76
STA.		TO STA.		
FED. ROAD DISTRICT NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT 88803				

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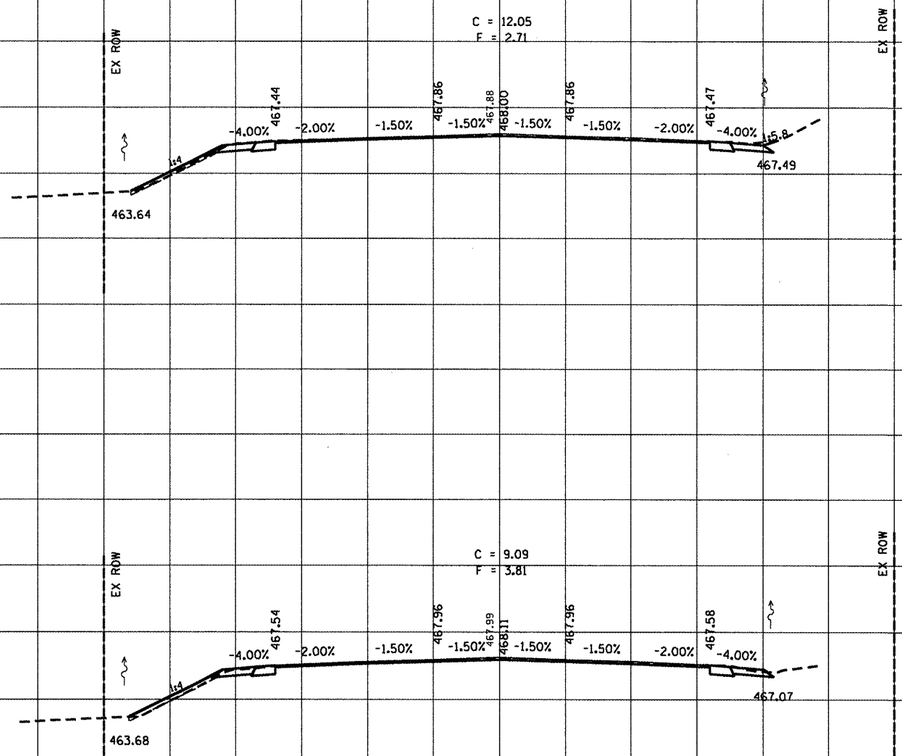
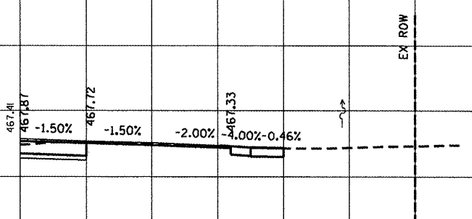


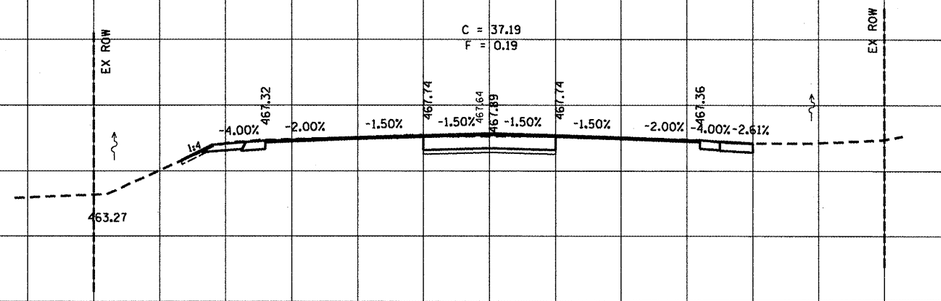
IL RTE 29

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	-	PEORIA	186	77
STA.		TO STA.		
FED. ROAD DISTRICT NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT 88903				

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



67+22.62



67+00.00

5'
10'

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

IL RTE 29

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	*	PEORIA	186	78
STA.		TO STA.		
FED. ROAD DISTRICT NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT 88803				

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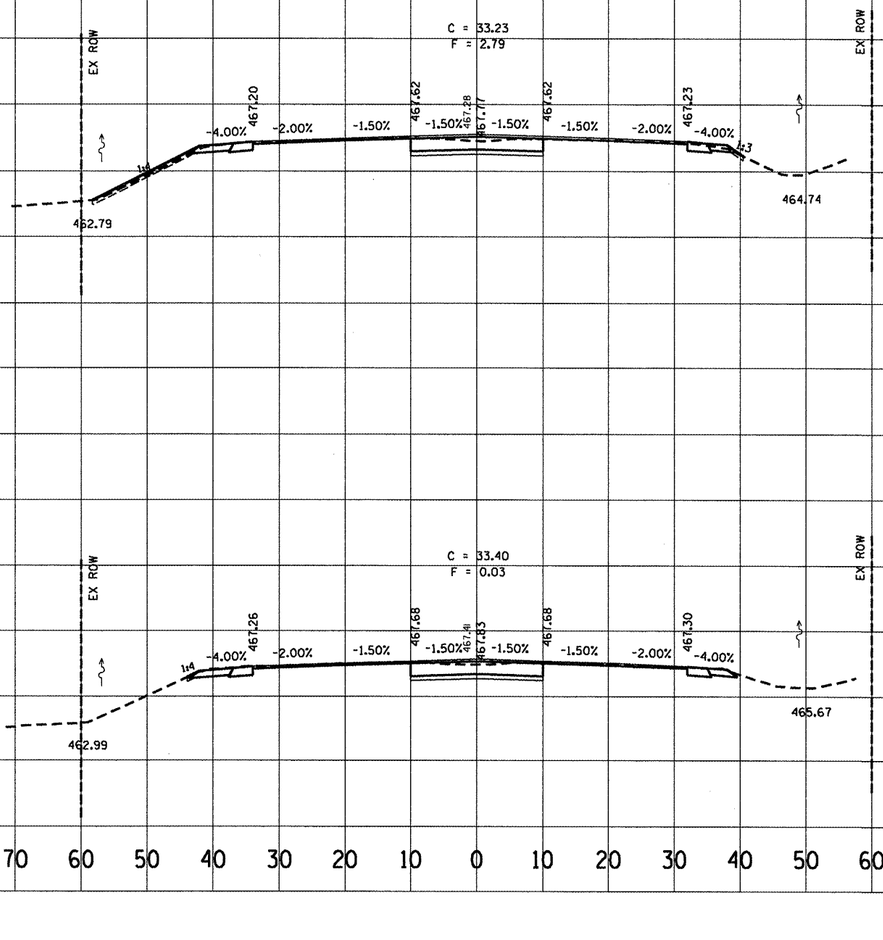

*D10.12RS-6d1RS-4d10B1BR

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	*	PEORIA	186	79
STA.		TO STA.		
FED. ROAD DISTRICT NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT 88903				

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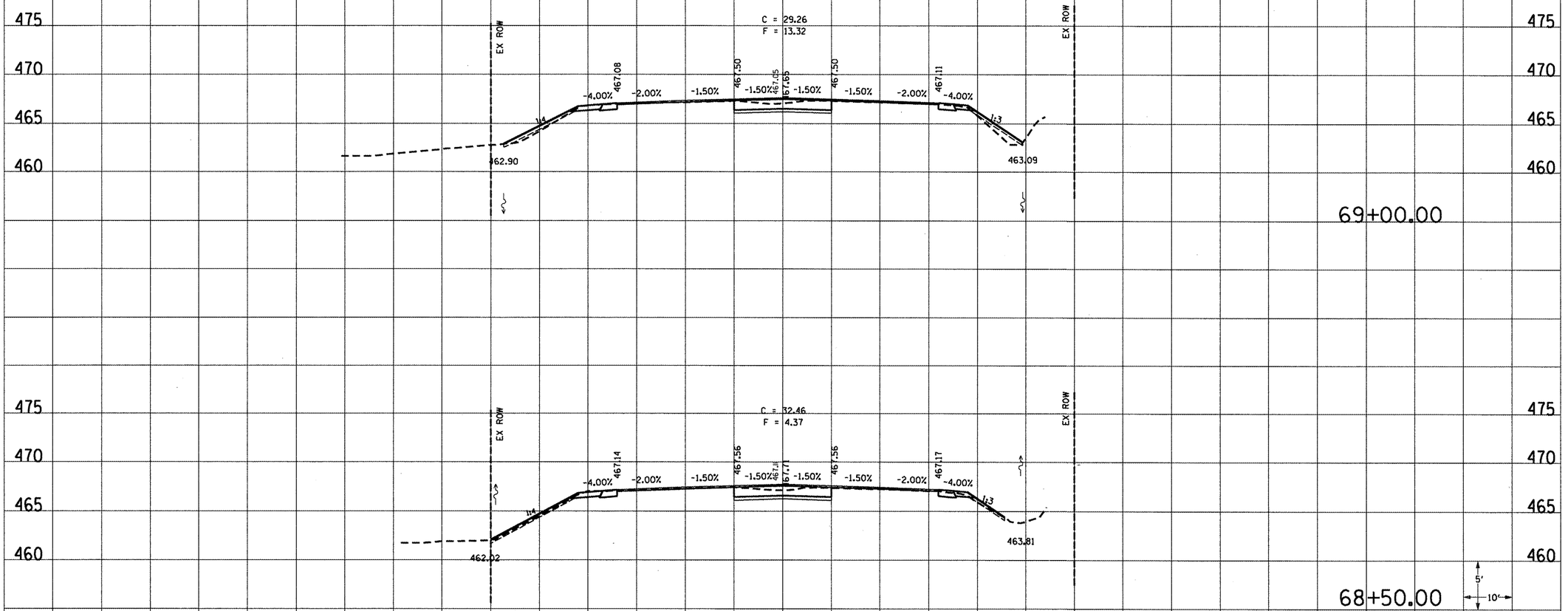
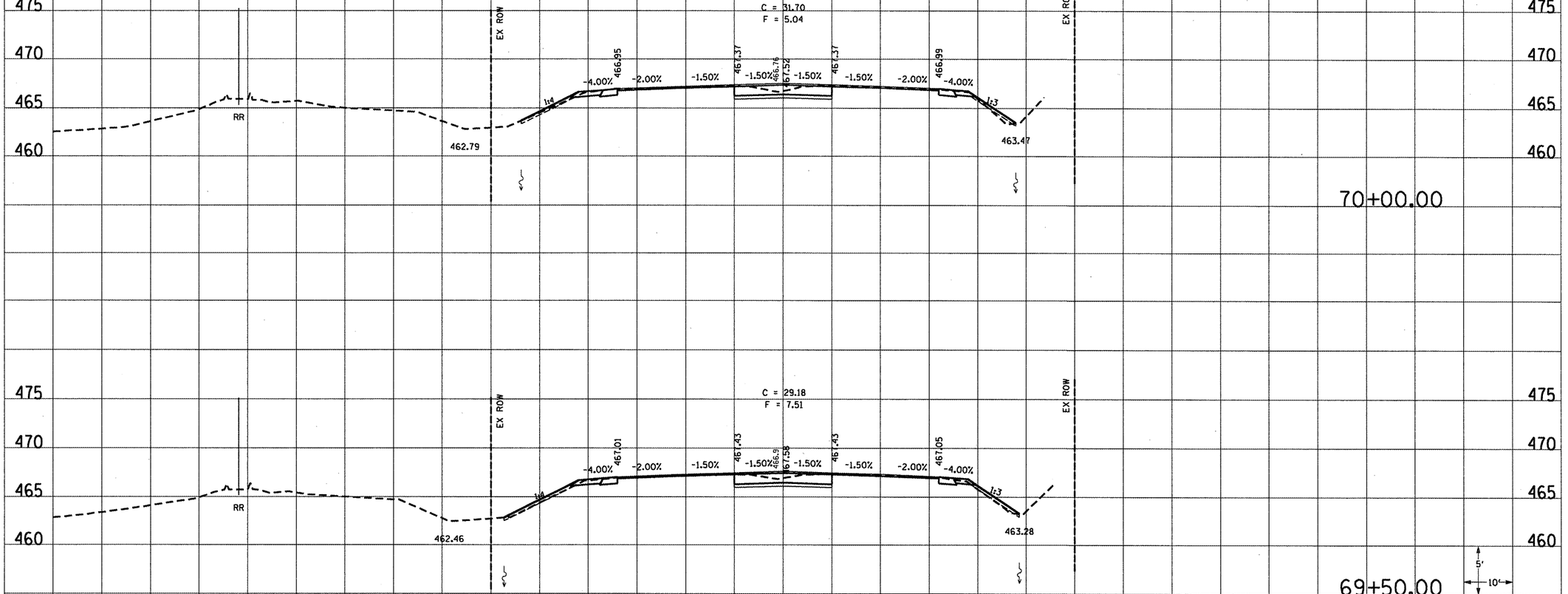


IL RTE 29

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	-	PEORIA	186	80
STA.		TO STA.		
FED. ROAD DISTRICT NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT 68803				

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ~~ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL~~ UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



*(10.12)RS-6(11)RS-4(110B)BR

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	186	81
STA.		TO STA.		
FED. ROAD DISTRICT NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT 88803				

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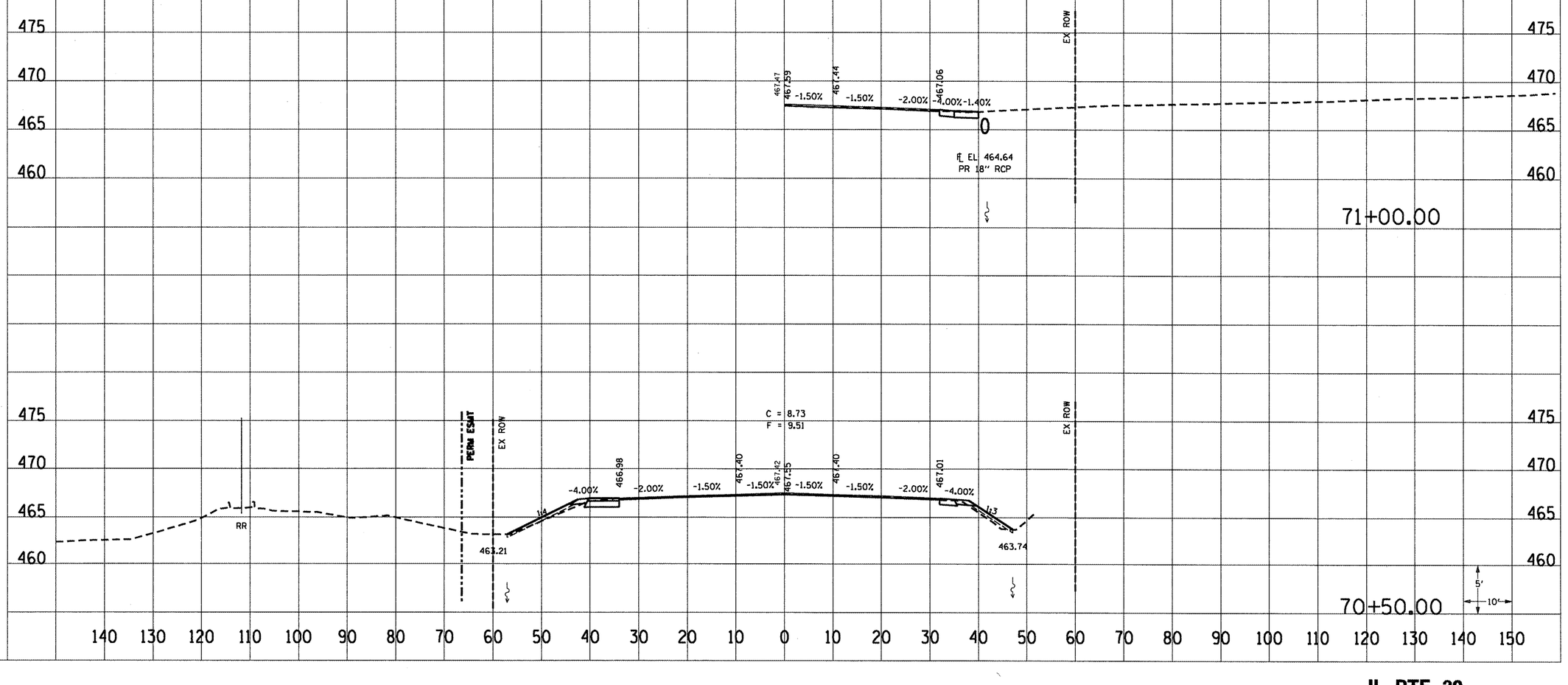
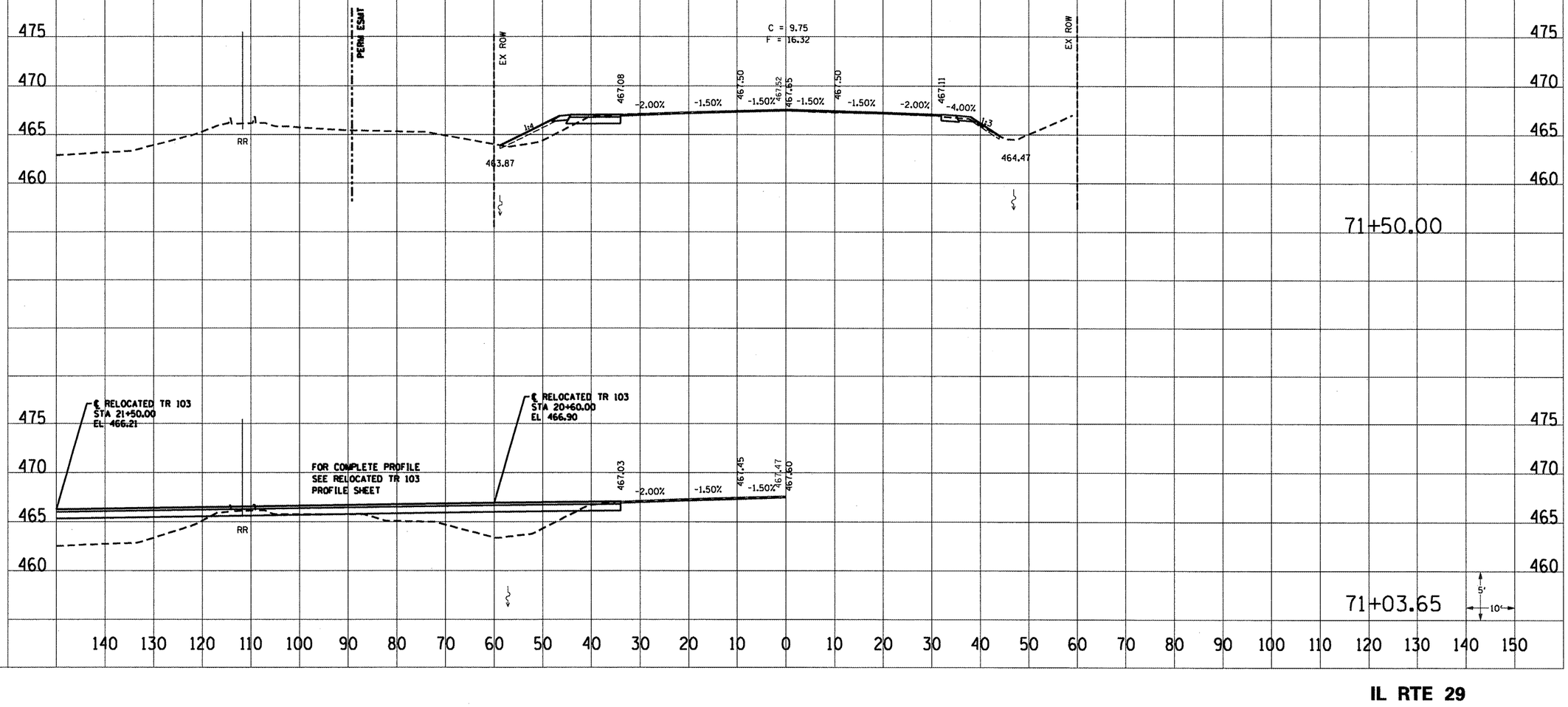


*(10,12)RS-6(1)RS-4(10)BBR

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	-	PEORIA	186	82
STA.		TO STA.		
FED. ROAD DISTRICT NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT 88803				

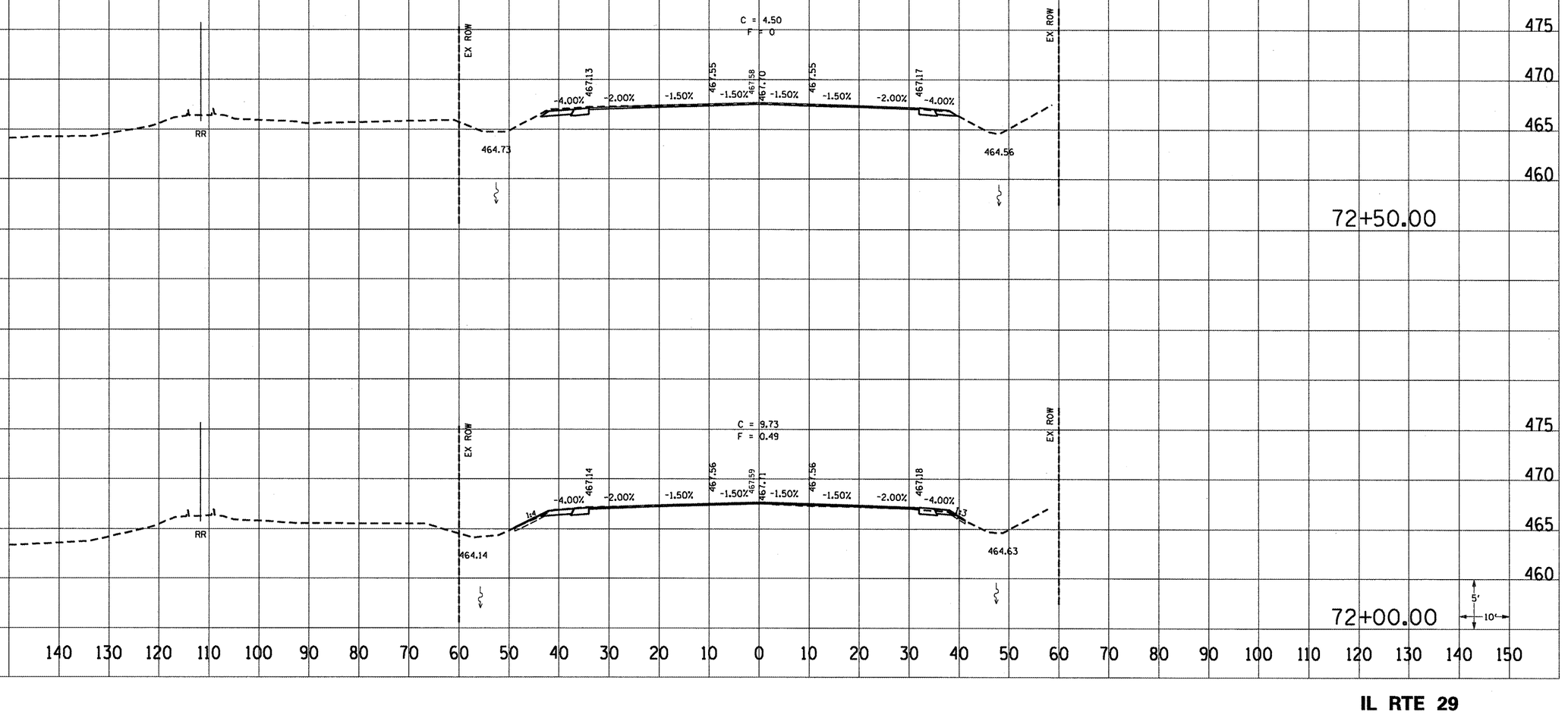
THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ~~ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL~~ UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



IL RTE 29

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	186	83
STA.		TO STA.		
FED. ROAD DISTRICT NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT 88903				

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



IL RTE 29

+(10.12)RS-6(11)RS-4(110)B(BR

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	186	84
STA.		TO STA.		
FED. ROAD DISTRICT NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT 88803				

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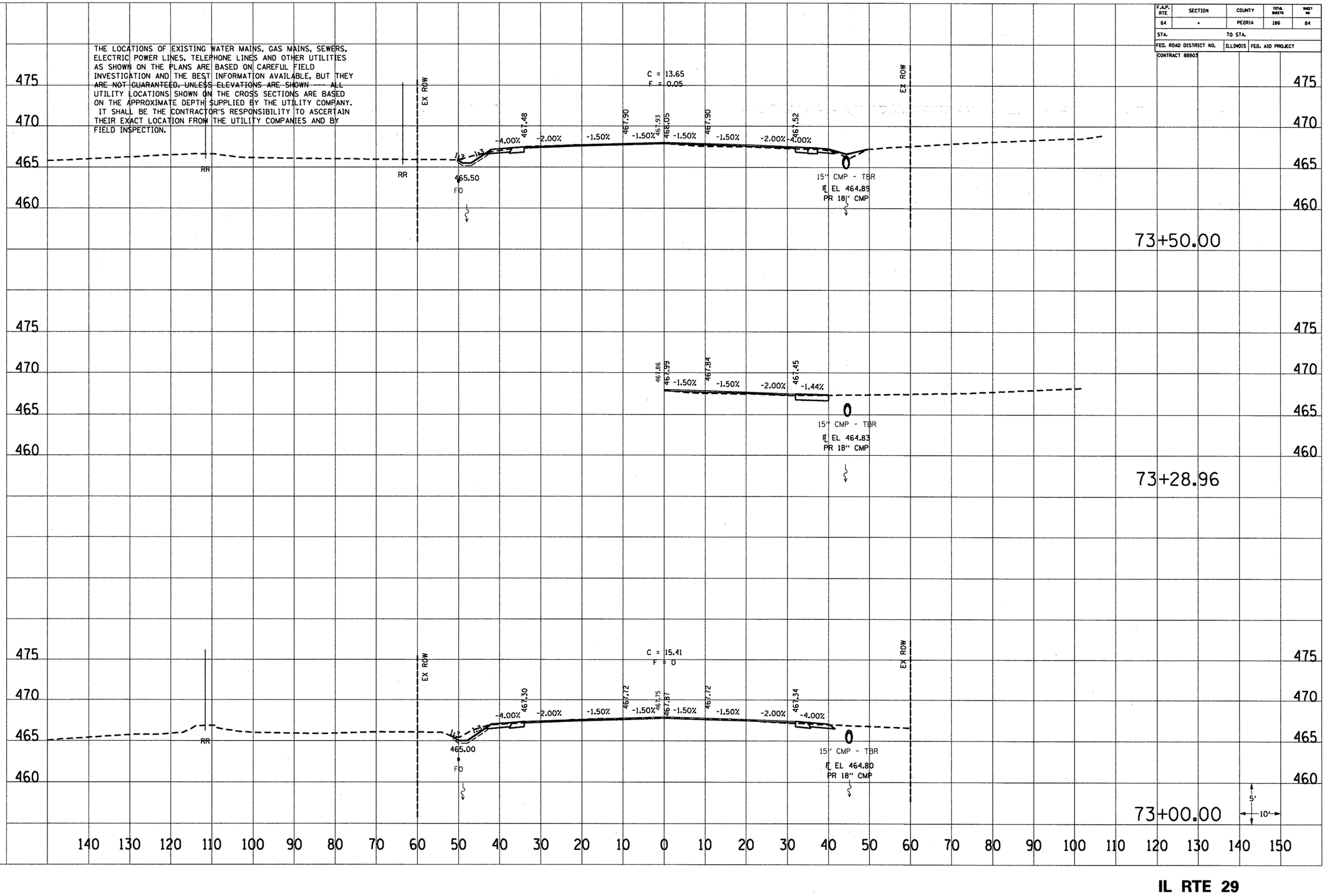

IL RTE 29

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	*	PEORIA	186	85
STA.		TO STA.		
FED. ROAD DISTRICT NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT 88803				

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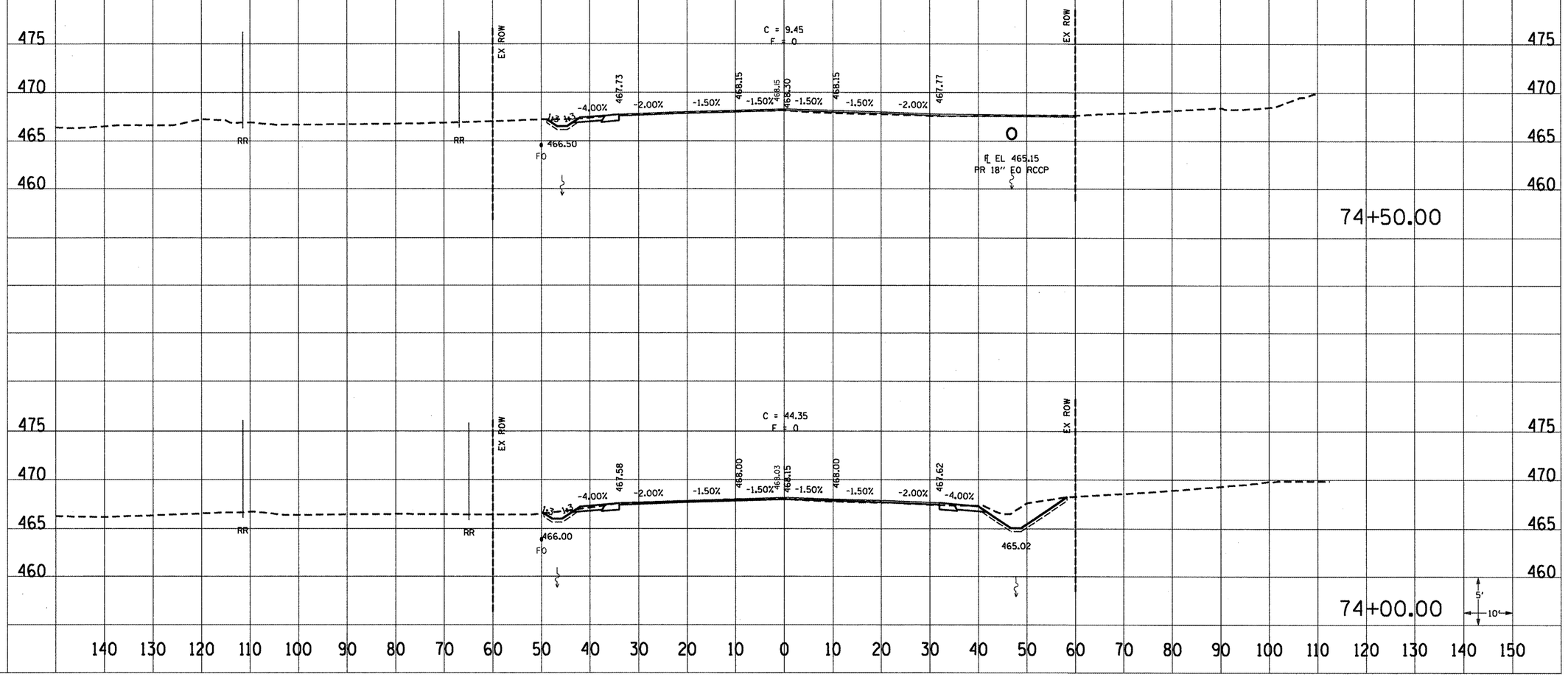

IL RTE 29

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	*	PEORIA	186	86
STA.		TO STA.		
FED. ROAD DISTRICT NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT 88803				

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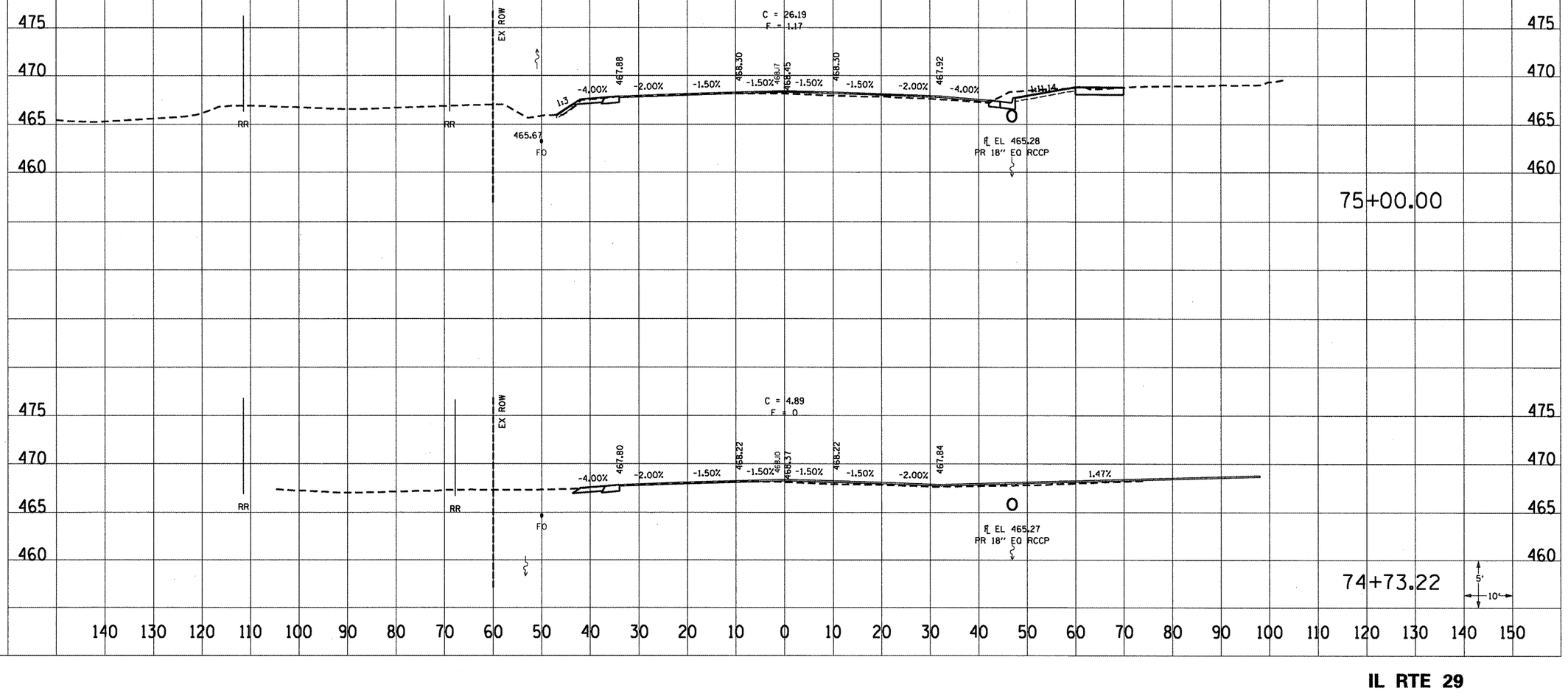
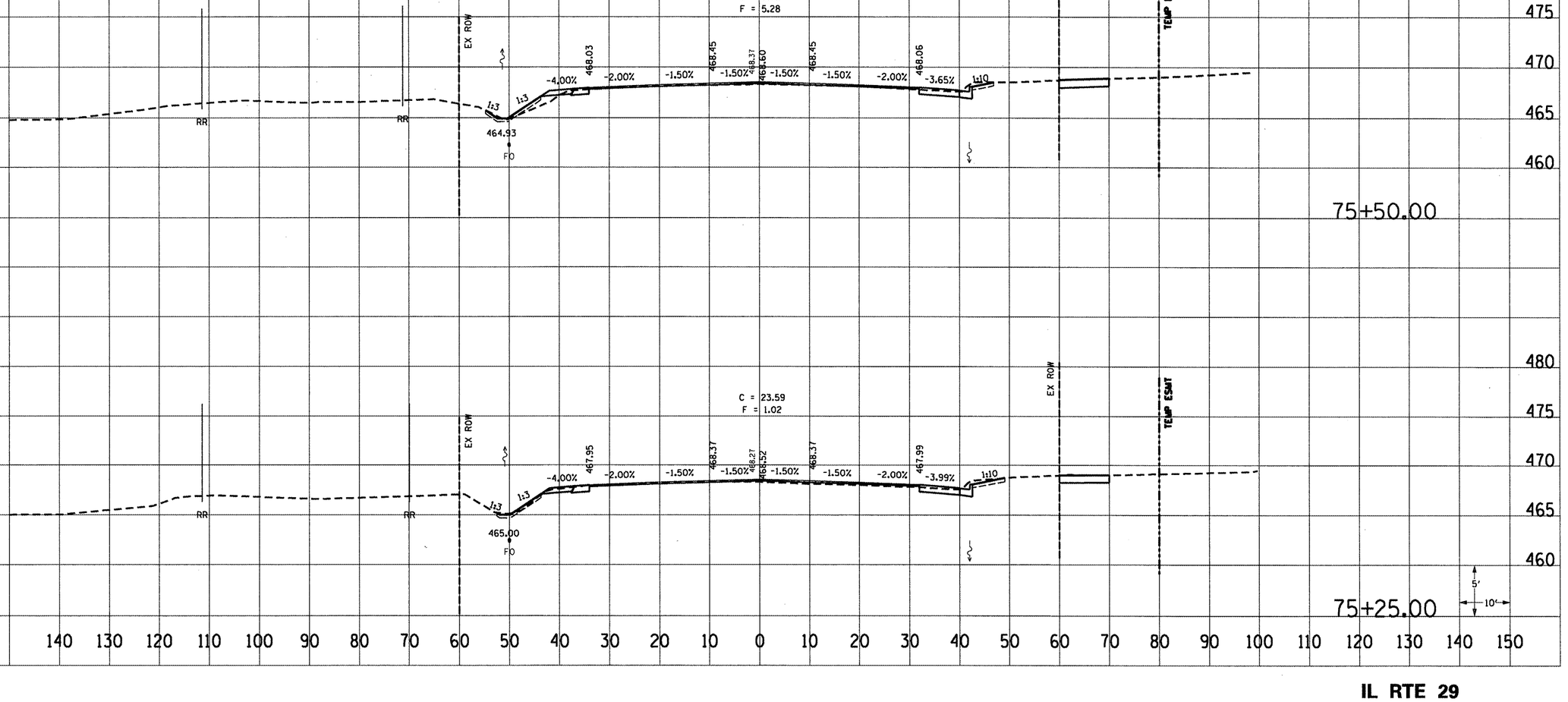


+010.12RS-6&11RS-4&10B&R

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	-	PEORIA	186	87
STA.		TO STA.		
FED. ROAD DISTRICT NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT 88903				

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED, UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

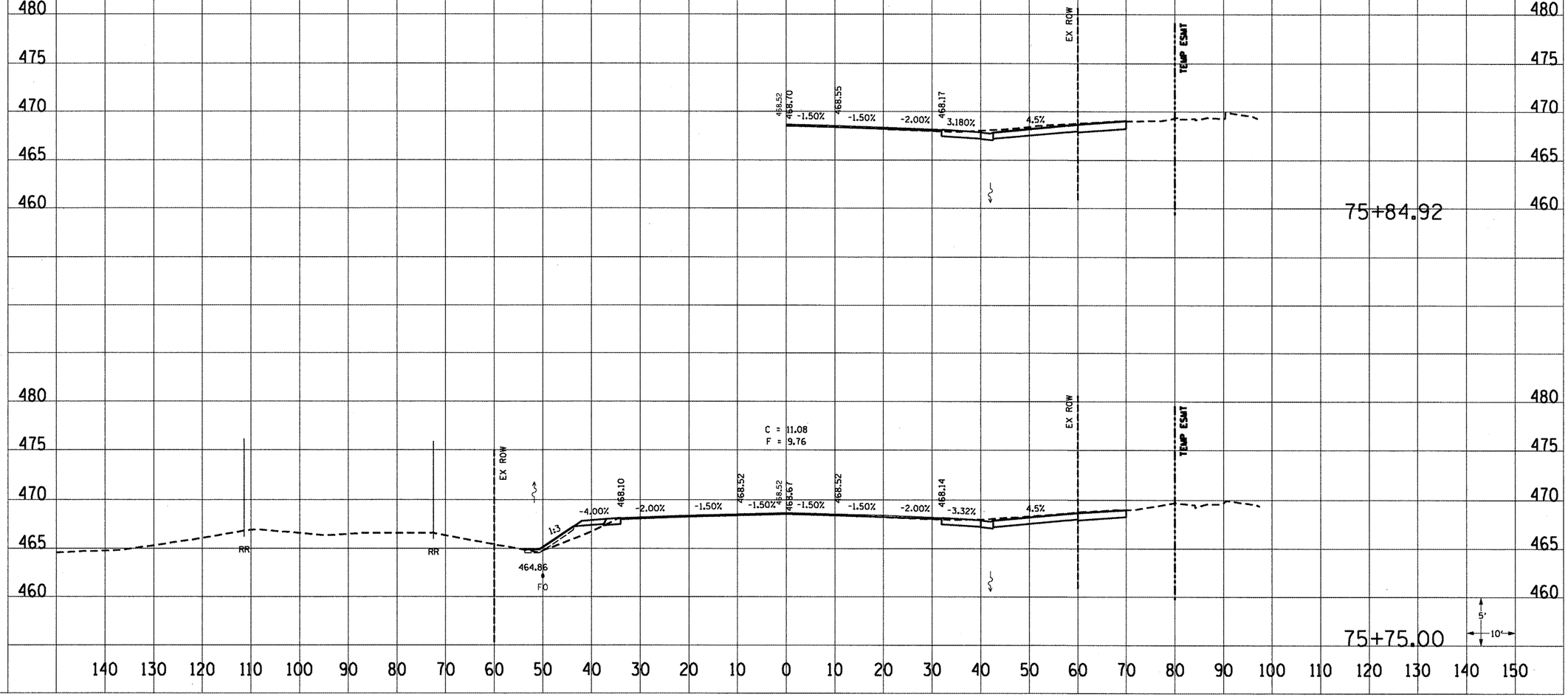


IL RTE 29

+110.12RS-6+11RS-4+10.08RR

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	-	PEORIA	186	88
STA.		TO STA.		
FED. ROAD DISTRICT NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT 68803				

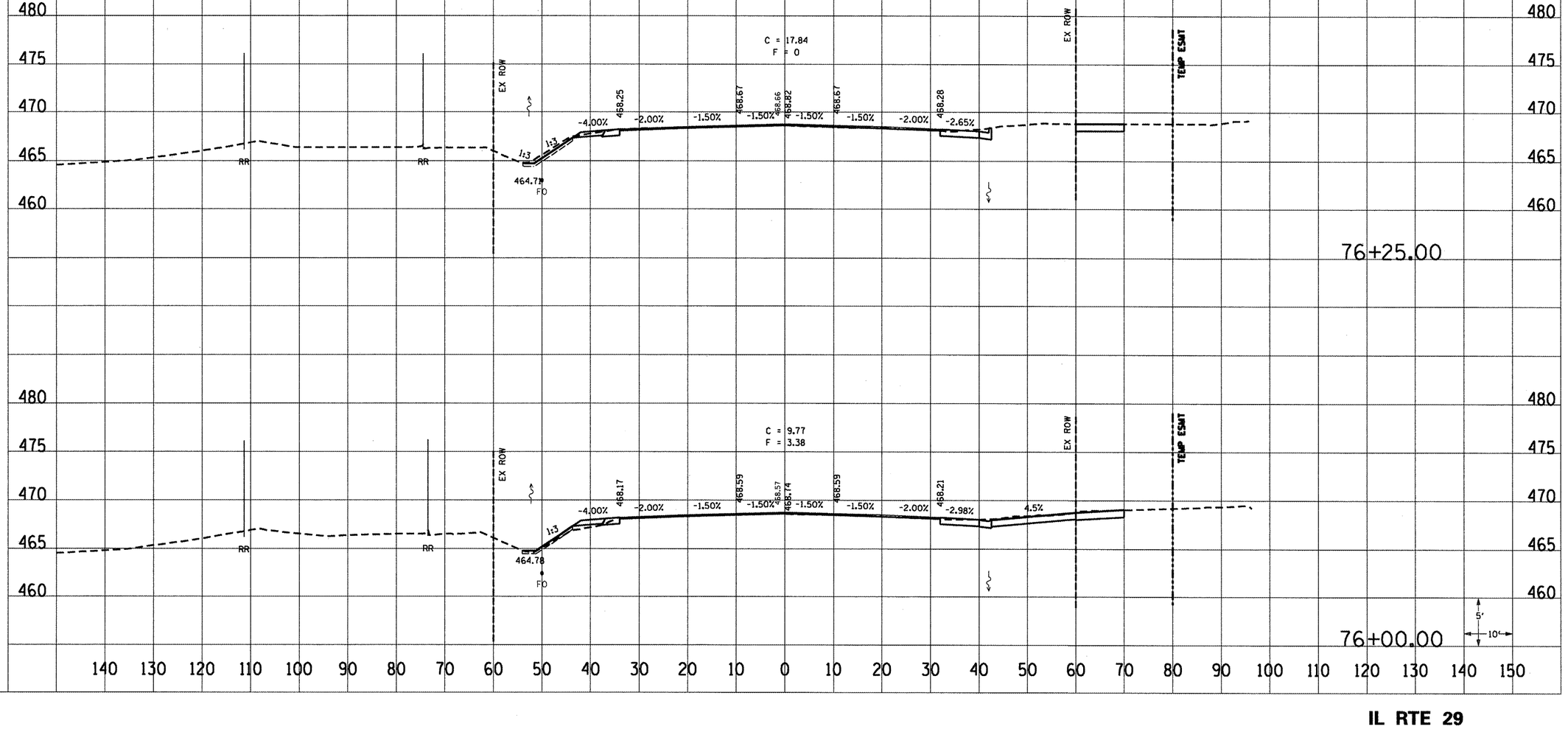
THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ~~ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL~~ UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



IL RTE 29

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	-	PEORIA	186	89
STA.		TO STA.		
FED. ROAD DISTRICT NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT 88903				

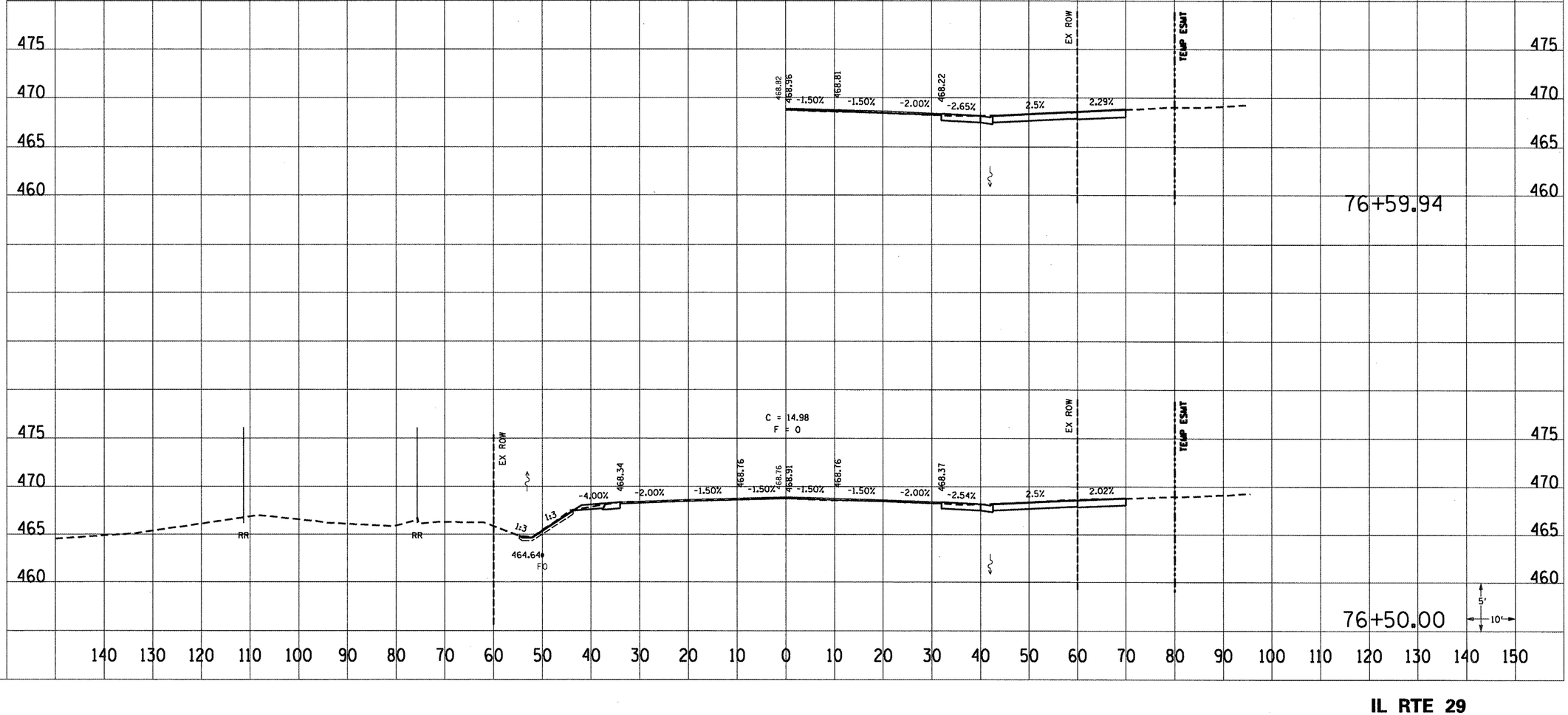
THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED, UNLESS ELEVATIONS ARE SHOWN. ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



IL RTE 29

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	-	PEORIA	183	90
STA.		TO STA. 186		
FED. ROAD DISTRICT NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT 88803				

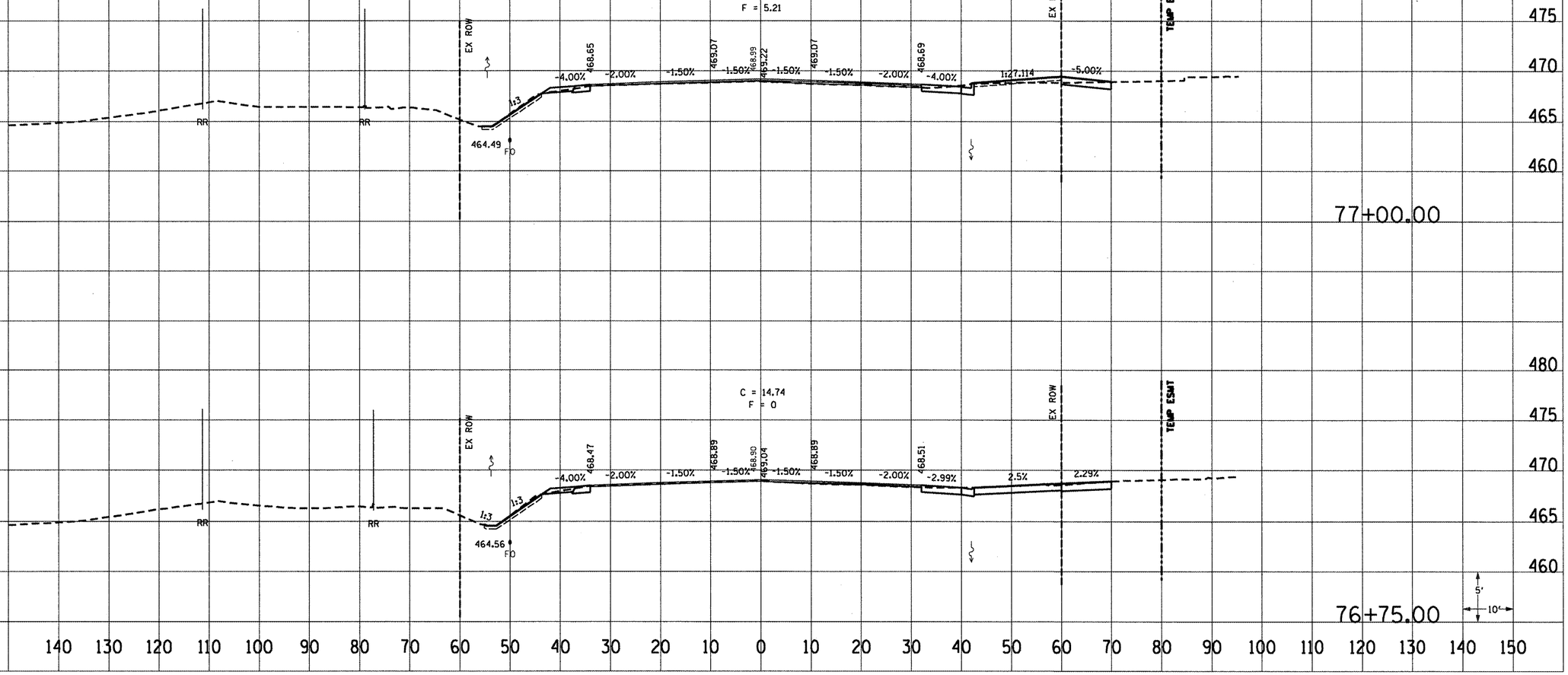
THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



*10.12XRS-6&1RS-4&10B/BR

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	*	PEORIA	186	91
STA.		TO STA.		
FED. ROAD DISTRICT NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT 88803				

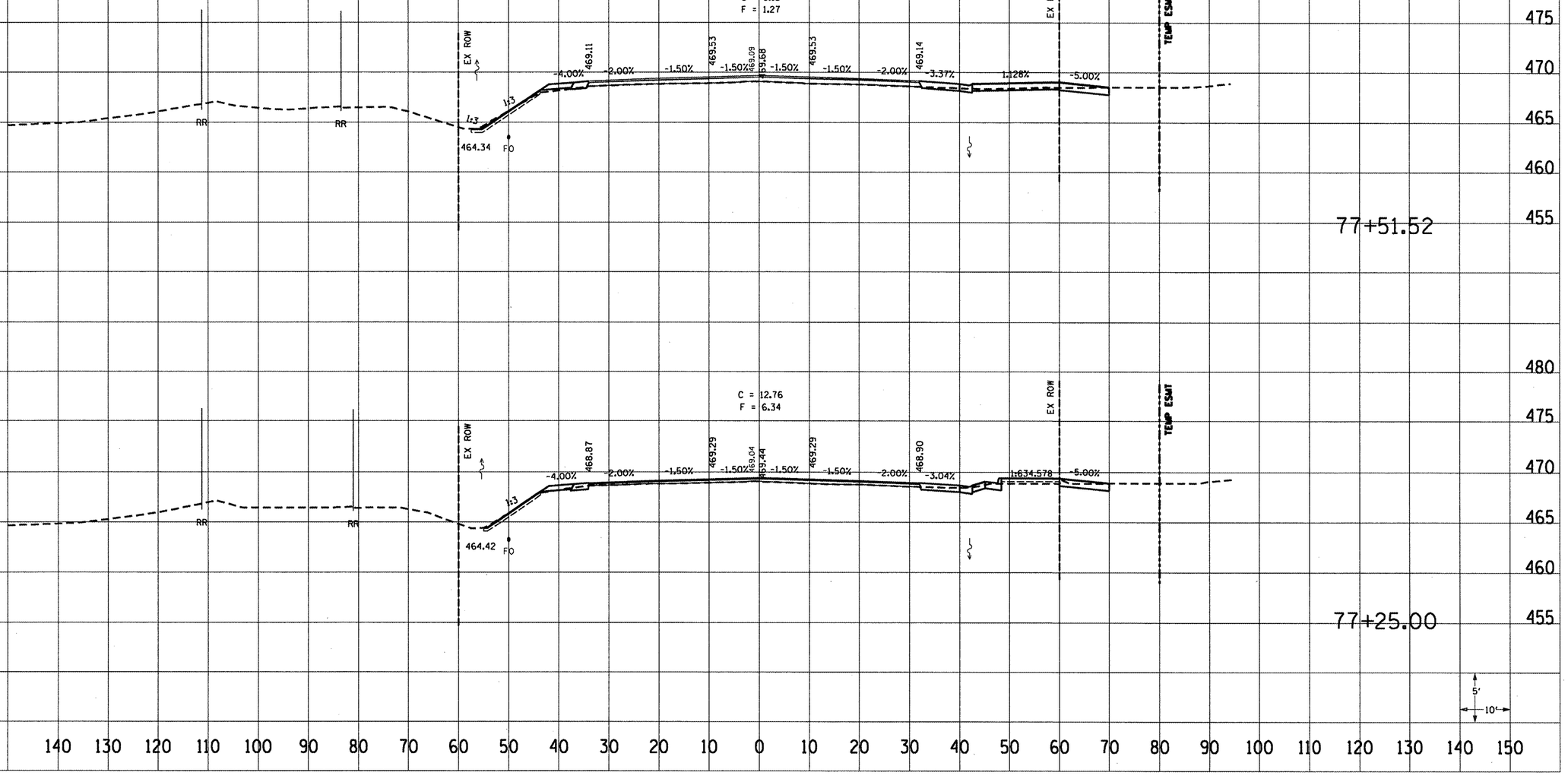
THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



+00,12WS-611RS-4110BGR

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	-	PEORIA	186	92
STA.		TO STA.		
FED. ROAD DISTRICT NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT 88803				

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ~~ARE NOT GUARANTEED, UNLESS ELEVATIONS ARE SHOWN~~ --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

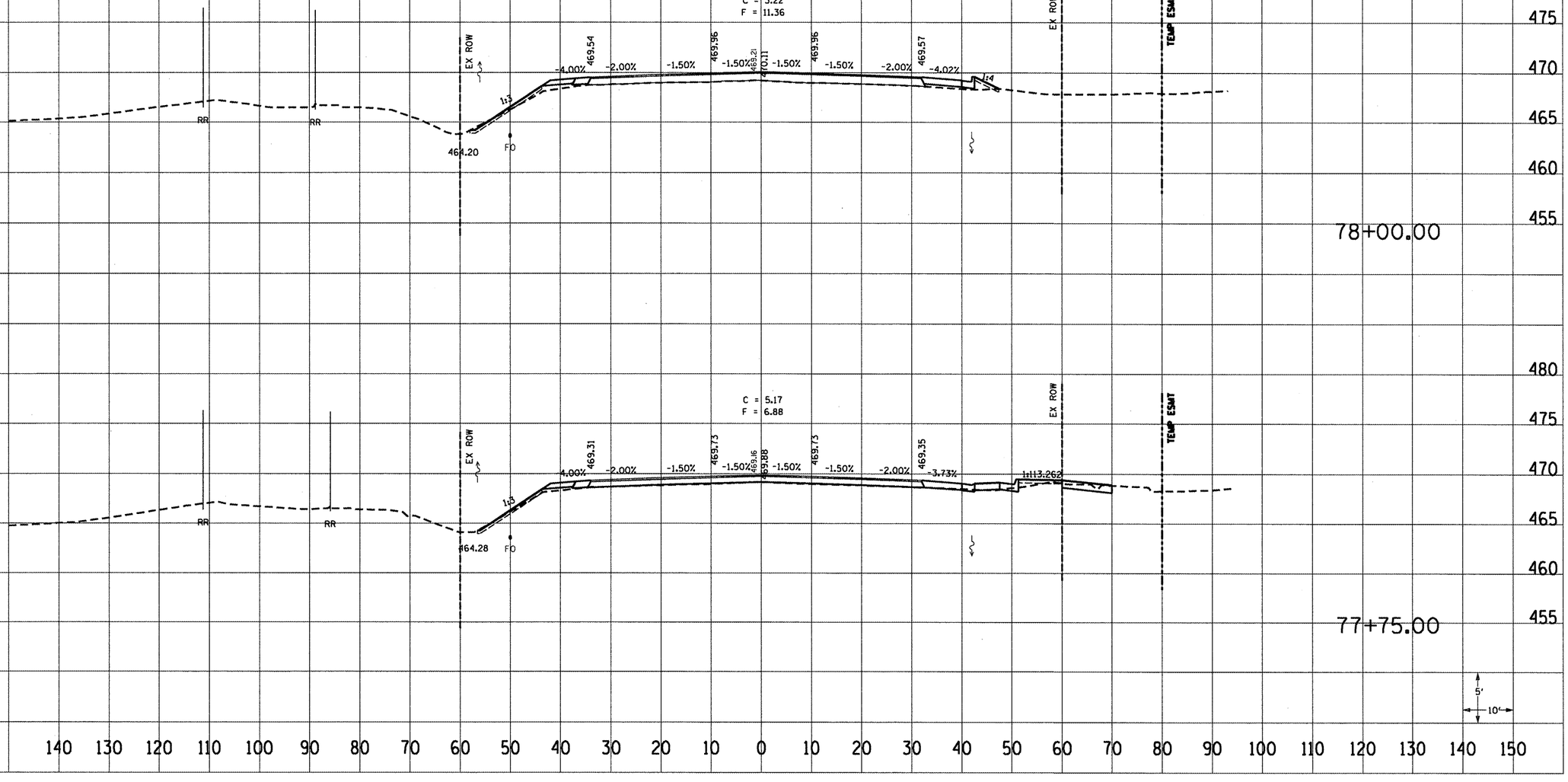


IL RTE 29

*110.12RS-6:11RS-4:110BIBR

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	*	PEORIA	186	93
STA.		TO STA.		
FED. ROAD DISTRICT NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT 88803				

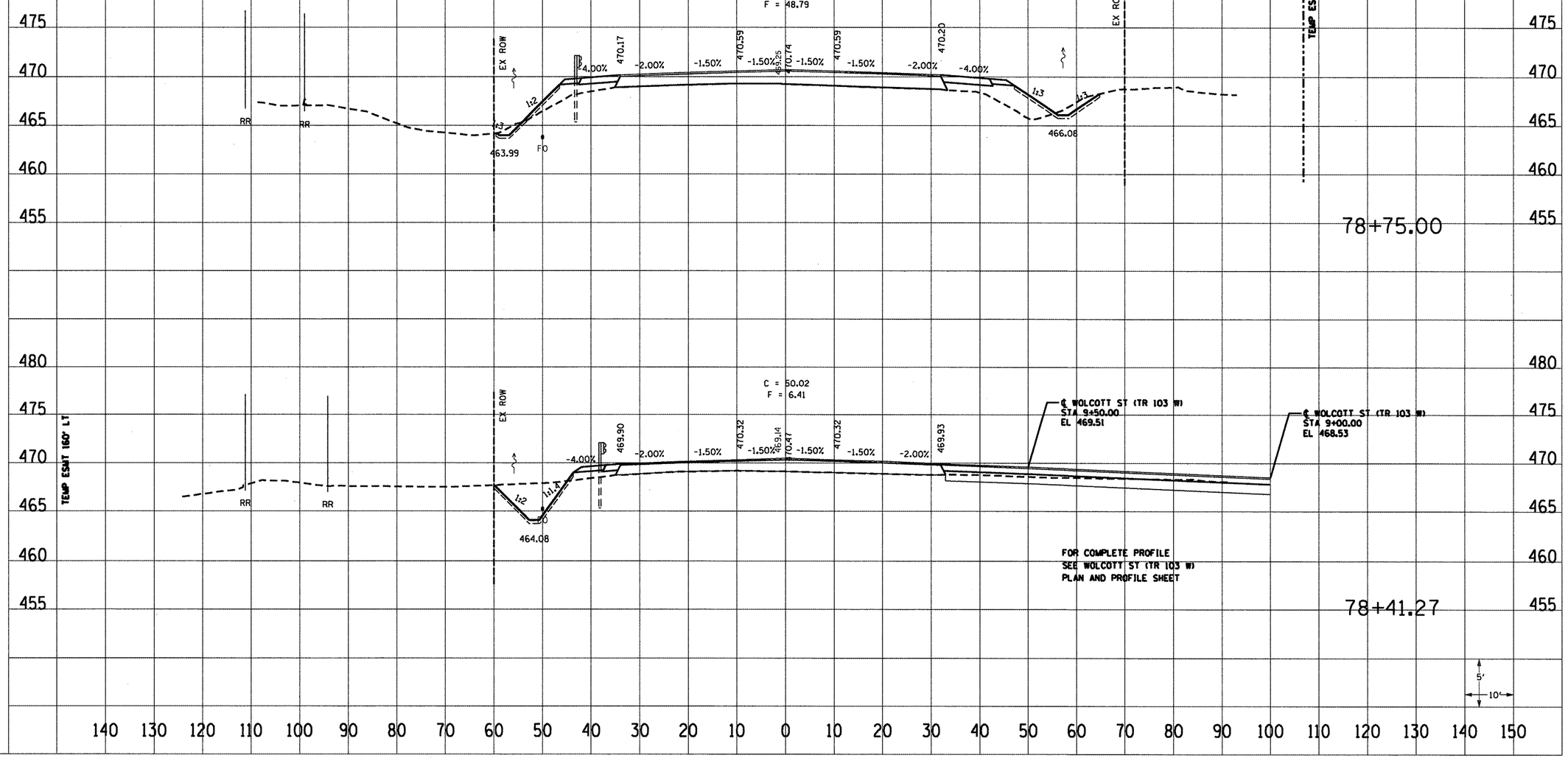
THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ~~ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL~~ UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



IL RTE 29

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	186	94
STA.		TO STA.		
FED. ROAD DISTRICT NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT 88803				

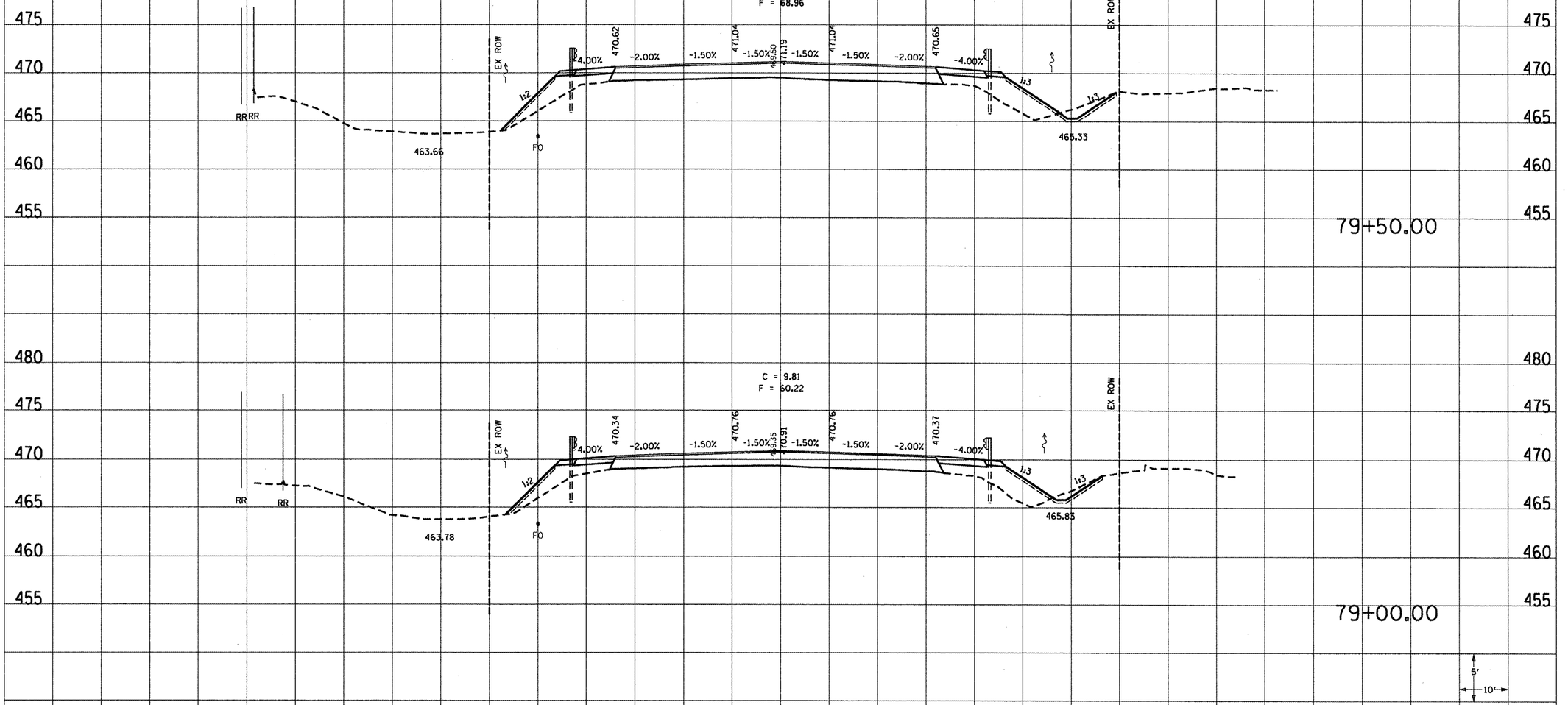
THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



IL RTE 29

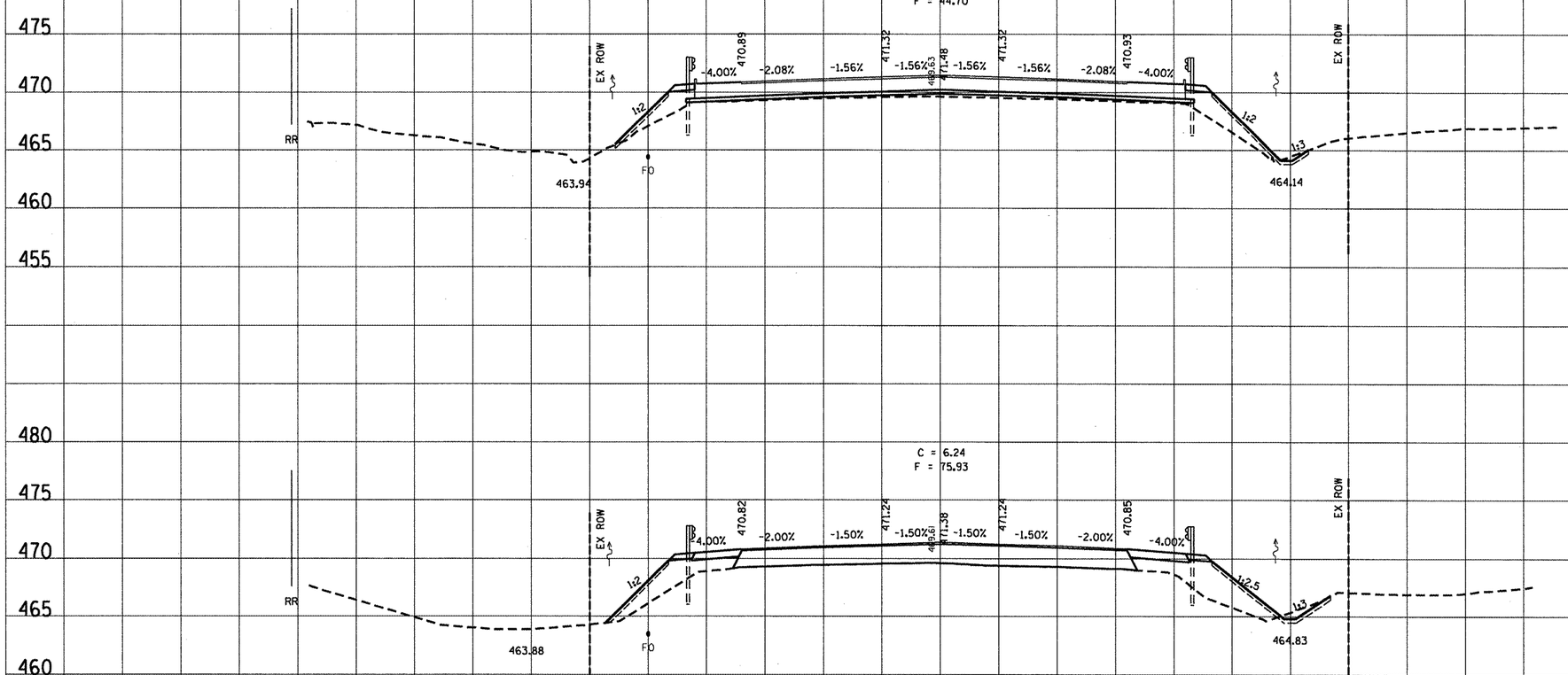
F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	-	PEORIA	186	95
STA.		TO STA.		
FED. ROAD DISTRICT NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT 88803				

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ~~ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL~~ UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
64	-	PEORIA	186	96
STA.		TO STA.		
FED. ROAD DISTRICT NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT 88803				

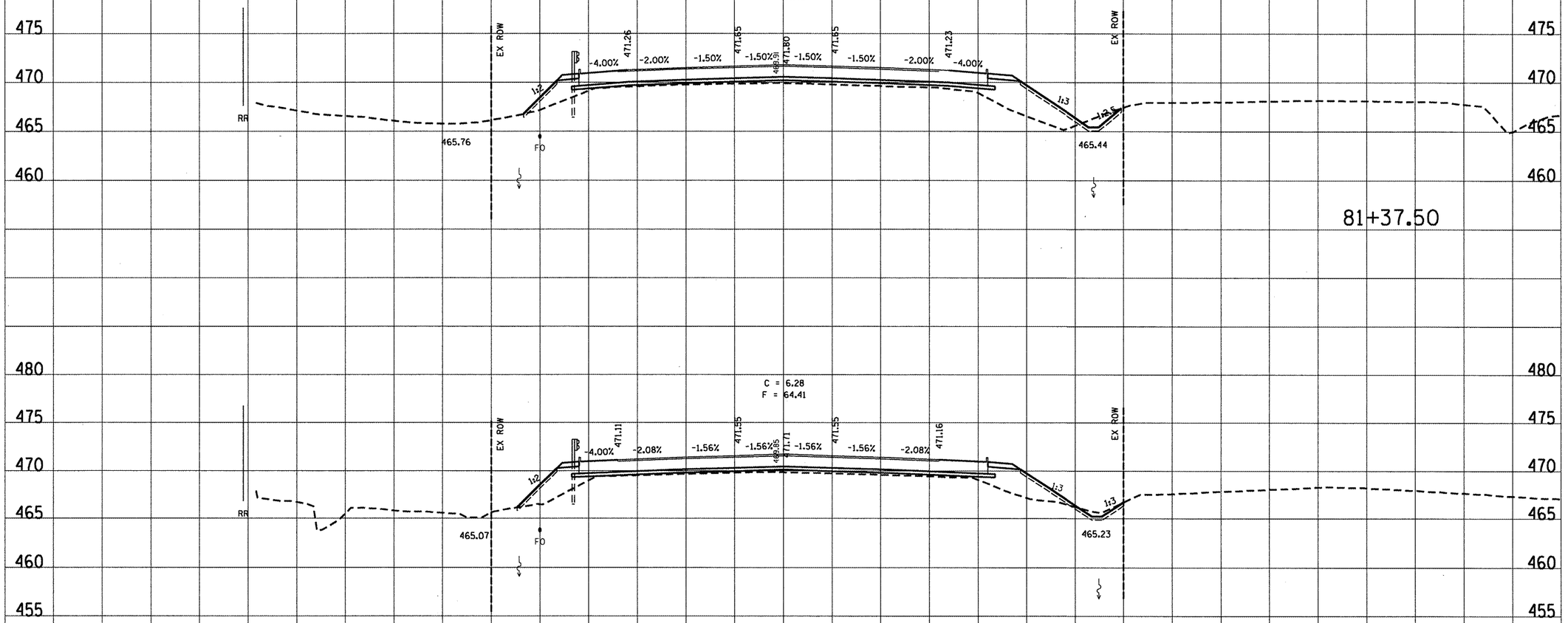
THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



+(10.12)RS-6(11)RS-4(110B)BR

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	186	97
STA.		TO STA.		
FED. ROAD DISTRICT NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT 88903				

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

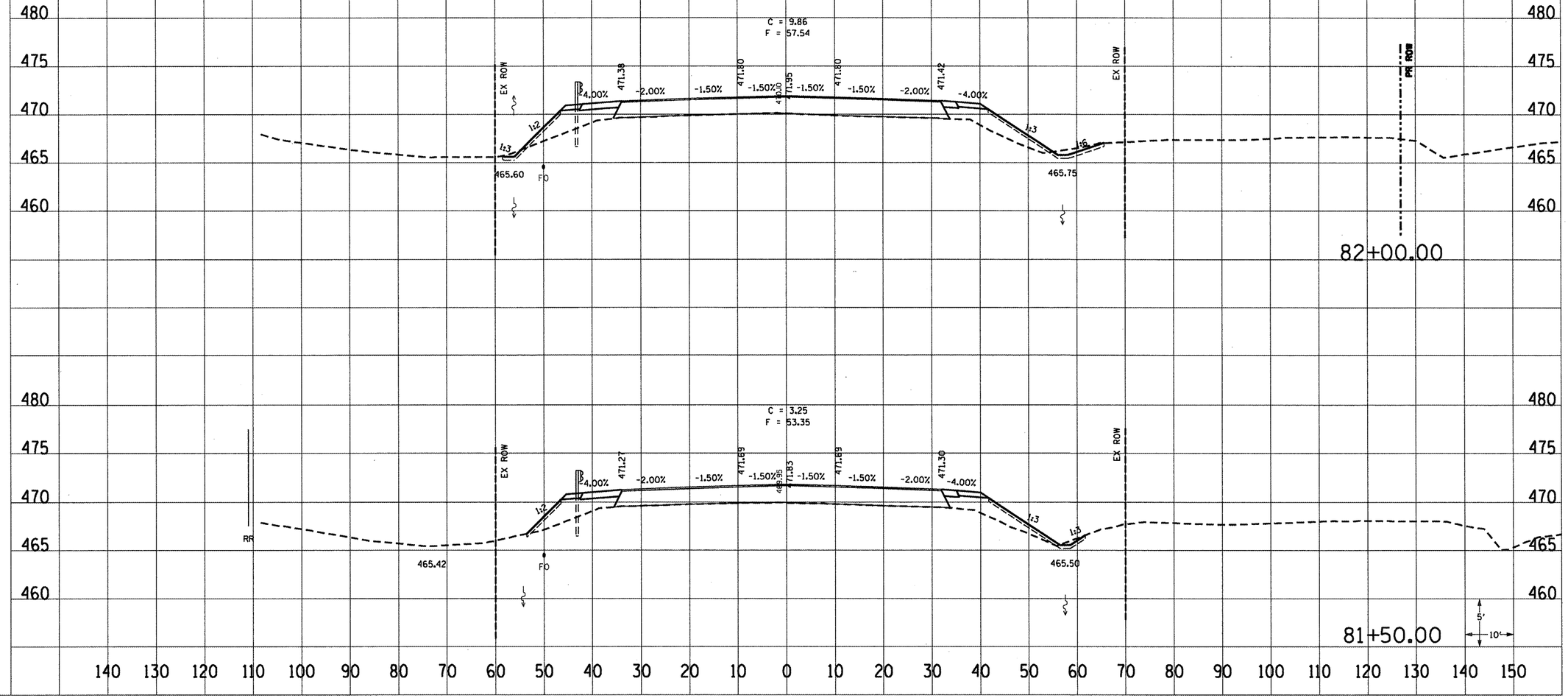


IL RTE 29

*110.12WS-6x11RS-4x110B3BR

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	-	PEORIA	186	98
STA.		TO STA.		
FED. ROAD DISTRICT NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT 88803				

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ~~ARE NOT GUARANTEED, UNLESS ELEVATIONS ARE SHOWN --- ALL~~ UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



IL RTE 29

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	186	99
STA.		TO STA.		
FED. ROAD DISTRICT NO.		ILLINOIS	FED. AID PROJECT	
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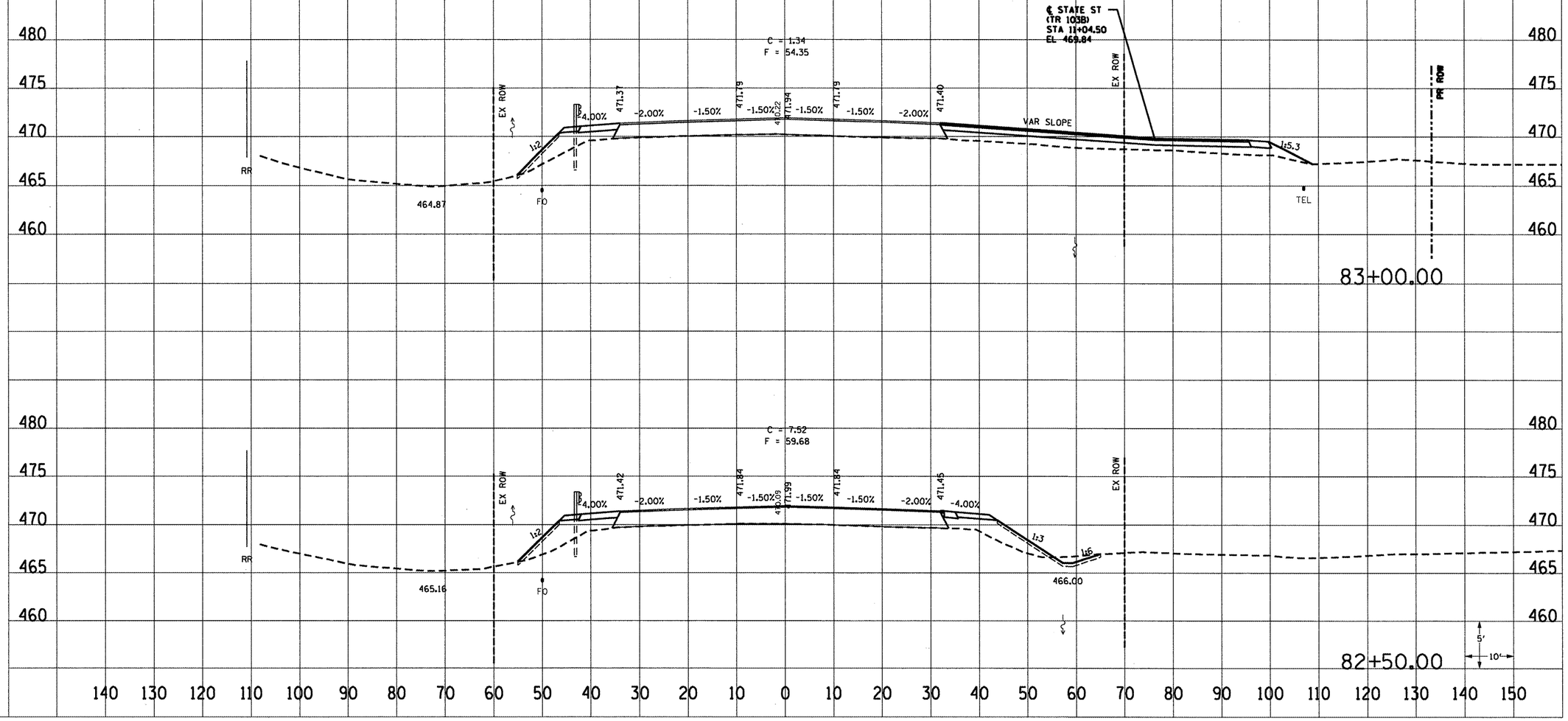
THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ~~ARE NOT GUARANTEED, UNLESS ELEVATIONS ARE SHOWN --- ALL~~ UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.



IL RTE 29

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	*	PEORIA	186	100
STA.		TO STA.		
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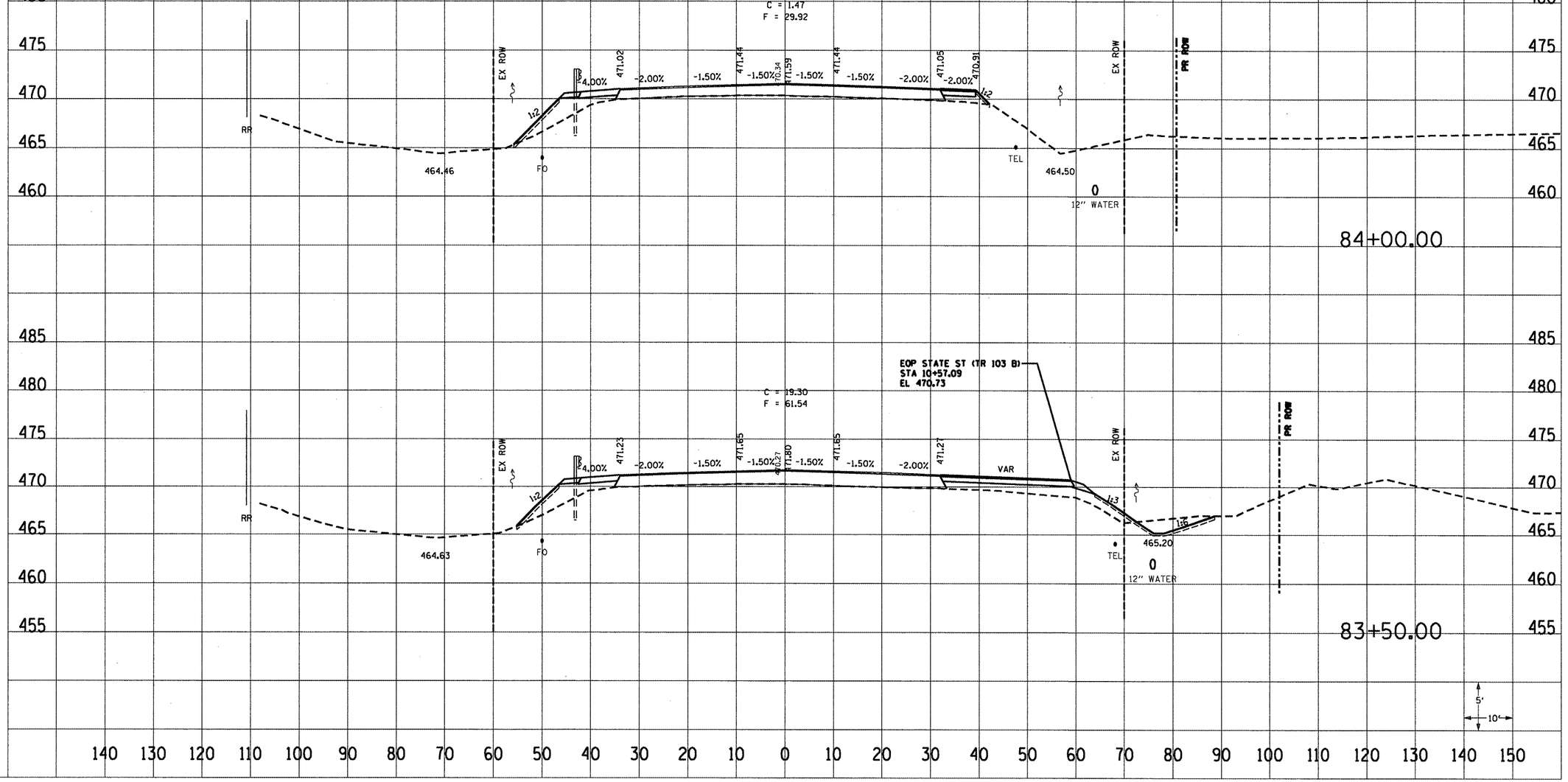

IL RTE 29