

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	4W-2, RS-3	PEORIA	37	1
		ILLINOIS	CONTRACT NO. 68993	

INDEX OF SHEETS

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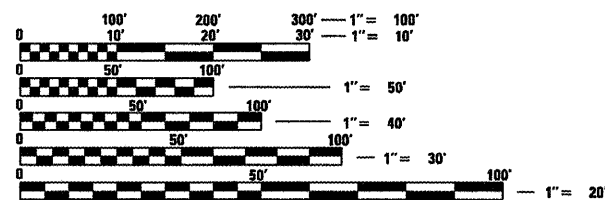
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS

FAP ROUTE 318 (IL 29)
SECTION 4W-2, RS-3
PROJECT HSIP-0318(013)
SAFETY PROJECT
PEORIA COUNTY

C-94-116-10
R 9 E

HIGHWAY STANDARDS

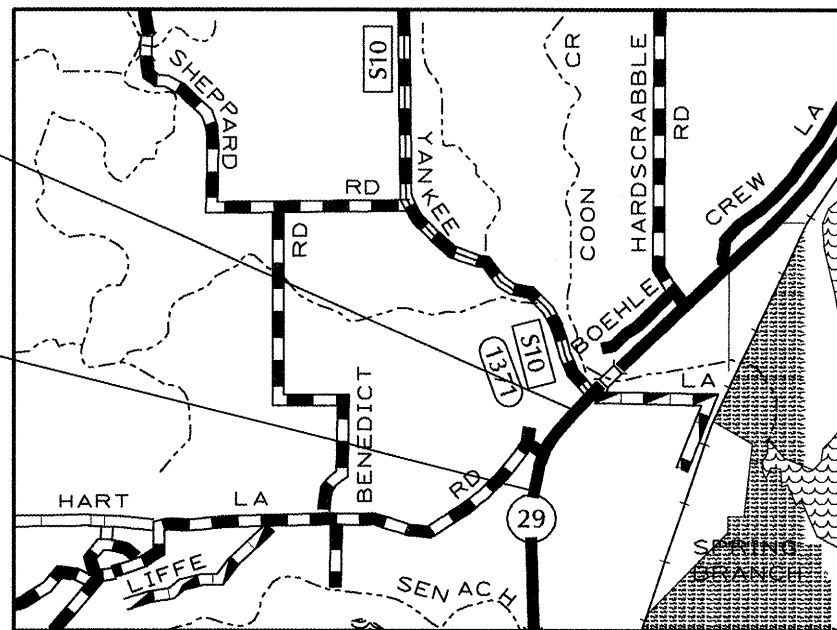
280001-05	701301-04
420001-07	701306-03
482006-03	701311-03
482011-03	701426-04
542301-03	701901-01
542306-02	780001-02
701006-03	781001-03
701201-04	



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

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

PROJECT ENGINEER - CHRISTOPHER MAUSHARD 309-671-3453
PROJECT MANAGER - MICHAEL HUDELSON 309-671-3477
CATALOG NO. 034473-00
CONTRACT NO. 68993

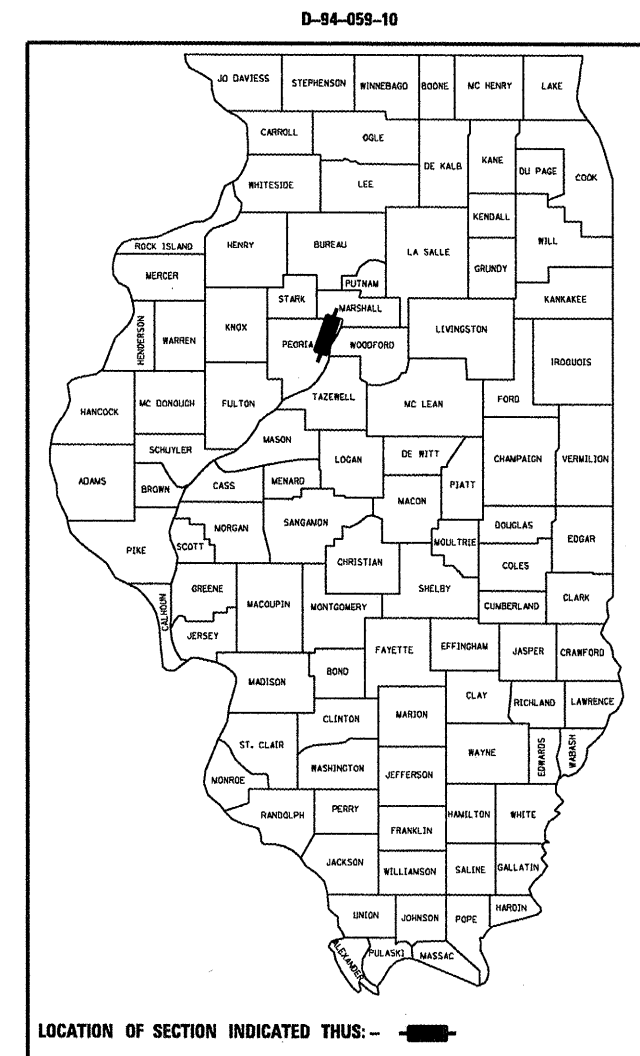


PROJECT BEGINS
STATION 1488 + 31

PROJECT ENDS
STATION 1504 + 33

Description: Construction of left turn lane on IL 29 with widening, resurfacing, earthwork and striping.

GROSS LENGTH = 1602 FT. = 0.30 MILE
NET LENGTH = 1542 FT. = 0.29 MILE



LOCATION OF SECTION INDICATED THUS: - [black rectangle symbol]

T 11 N

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED MARCH 16 20 11

[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 13 20 11
Scott E. Stitt, P.E. &c
acting ENGINEER OF DESIGN AND ENVIRONMENT

May 13 20 11
Christine M. Reed, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

COMMITMENTS

Commitments are not to be altered without the written approval of all parties to which the commitment was made.

- Contact Mr. Sam Wright, Chillicothe Township Commissioner, Fourteen (14) days before the closure of Hart Lane. His contact information is as follows:
Mr. Sam Wright
 Chillicothe Township Commissioner
 P.O. Box 166
 Chillicothe, IL 61523
 Phone # 309-258-6488
- Contact appropriate public services, emergency responders, schools and all affected by the closure fourteen (14) days before the closure.

CLEARING

At locations where clearing is indicated on the plans beyond the limits of the proposed excavation or embankment, the Contractor shall restore the disturbed earth by blading and shaping to blend with the adjacent ground. The clearing will not be paid for separately but shall be included in the cost of excavation pay items in the plans. Payment for reseeding or resodding will be as provided in 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.

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 PI0100
- * Color photographs depicting the use area
- * Borrow Area Entry Agreement form-D4 PI0101

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

UTILITY CONFLICTS

Frontier North, Inc.
 111 S. Main St.
 Kewanee, IL 61443

ROUTE	OFFSET	LOCATION	TYPE OF UTILITY	TYPE OF CONFLICT	DISPOSITION
IL 29	45' RT	1489+23	FIBER OPTIC	CULVERT EXTENSION	CAUTION
IL 29	45' RT	1490+50	FIBER OPTIC	DITCH	CAUTION
IL 29	45' RT	1491+50	FIBER OPTIC	DITCH	CAUTION
IL 29	45' RT	1494+50 TO 1495+50	FIBER OPTIC	CULVERT EXTENSION / INTERSECTION REDESIGN	RELOCATE
HART LANE		9+00 TO 8+50	FIBER OPTIC	NEW RADIUS	RELOCATE

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s):	Surface Course	Level Binder 1"	HMA Base Course	HMA Shoulder (Surface Lift)	HMA Shoulder (Lower Lifts)	Incidental Surface Course (if needed)
AC/PG:	PG 64-22	SBS or SBR 70-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP% (Max): **	15%	10%	25%	15%	25%	15%
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	3.0% @ N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Gradation Mixture)	IL 9.5 or IL12.5	IL 4.75	IL 19.0	IL 9.5 or 12.5	IL 19.0	IL 9.5 or IL12.5
Friction Aggregate:	Mixture D	N.A.	N.A.	Mixture C	N.A.	Mixture C

Notes: Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal aggregate size.

POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) RATES

Surface Type	Estimated Truck Application Rate	Residual Rate
Milled (HMA or PCC)	0.08 gal/sy (0.00034 ton/sy)	0.04 gal/sy
Existing Pavement	0.05 gal/sy (0.00022 ton/sy)	0.025 gal/sy
Fog Coat (between lifts)	0.05 gal/sy (0.00022 ton/sy)	0.025 gal/sy

Note: Estimated truck application rate is used for estimating quantities.

BUTT JOINT CUTTING TIME RESTRICTION

Butt joints shall not be milled more than three (3) days prior to placement of the HMA surface course.

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.

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.

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.

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.

SIGN POST HOLES

Vertical holes shall be constructed in the island pavement and/or concrete median of the type specified or concrete median surface 4 inches (100mm). The holes shall be 24 inches (600mm) in diameter or 24 inches (600mm) square and they shall be free of any obstruction, except earth, for a depth of 5 feet (1.5m) at the locations shown on the plans or as directed by the Engineer. Any holes not used for the placement of signs shall be filled and compacted flush with the top of the island pavement, concrete median of the types specified, or concrete median surface 4 inches (100 mm). The top 3 inches (75 mm) of said compacted fill shall consist of a hot-mix asphalt mixture. All holes in which the sign posts are installed at the time of this contract shall be similarly filled.

This work, including any required pavement removal necessary to construct the sign post holes, will not be paid for separately but shall be included in the contract unit price per square foot (square meter) for ISLAND PAVEMENT and/or CONCRETE MEDIAN of the type specified, or CONCRETE MEDIAN SURFACE, 4 inches (100 mm).

RIGHT-OF-WAY MARKERS

When installing right-of-way markers, care shall be taken to not disturb any existing property/right-of-way pins. If a property/right-of-way pin is found at the location of a proposed right-of-way marker, the marker shall be placed one (1) foot in front of the pin.

UTILITIES – LOCATIONS /INFORMATION ON PLANS

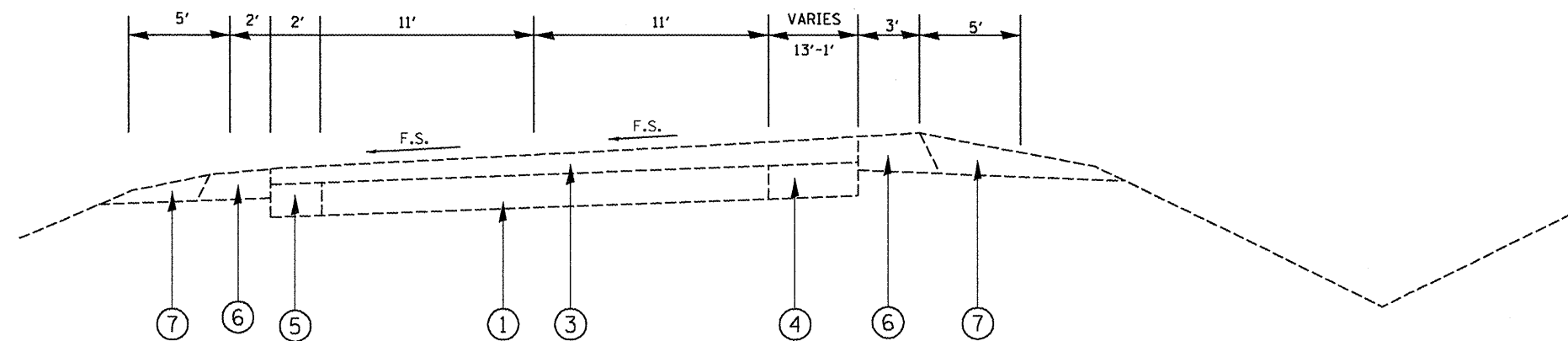
The locations of existing water mains, gas mains, sewers, electric power lines, telephone lines and other utilities as shown on the plans are based on careful field investigation and the best information available, but they are not guaranteed. Unless elevations are shown — all utility locations shown 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.

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		FED - STA 90% - 10% 0003		
20200100	EARTH EXCAVATION	CU YD	876	876		
20400800	FURNISHED EXCAVATION	CU YD	1560	1560		
20800150	TRENCH BACKFILL	CU YD	9	9		
21101615	TOPSOIL FURNISH ^{AND} PLACE, 4"	SQ YD	4786	4786		
25000200	SEEDING, CLASS 2	ACRE	1.6	1.6		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	144	144		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	144	144		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	144	144		
25100105	MULCH, METHOD 1	ACRE	1.6	1.6		
25100630	EROSION CONTROL BLANKET	SQ YD	270	270		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	320	320		
28000305	TEMPORARY DITCH CHECKS	FOOT	288	288		
28000400	PERIMETER EROSION BARRIER	FOOT	2294	2294		
28000500	INLET AND PIPE PROTECTION	EACH	6	6		
28100725	STONE DUMPED RIPRAP, CLASS B3	SQ YD	49	49		
28200200	FILTER FABRIC	SQ YD	49	49		
31100910	SUB-BASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	3082	3082		
35300500	PORTLAND CEMENT CONCRETE BASE COURSE 10"	SQ YD	2889	2889		
35501310	HOT - MIX ASPHALT BASE COURSE, 6 1/2"	SQ YD	910	910		
40600215	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	TON	4.5	4.5		
40600895	CONSTRUCTING TEST STRIP	EACH	1	1		
40600982	HOT - MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	200	200		
40600990	TEMPORARY RAMP	SQ YD	66.7	66.7		
40603535	POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	724	724		
44000100	PAVEMENT REMOVAL	SQ YD	874	874		
44000152	HOT - MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	4622	4622		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		FED - STA 90% - 10% 0003		
44004000	PAVED DITCH REMOVAL	FOOT	60	60		
44004250	PAVED SHOULDER REMOVAL	SQ YD	463	463		
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	1742	1742		
48101200	AGGREGATE SHOULDERS, TYPE B	TON	841	841		
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	929	929		
48203029	HOT - MIX ASPHALT SHOULDERS, 8"	SQ YD	520	520		
48203100	HOT - MIX ASPHALT SHOULDERS	TON	83	83		
50104400	CONCRETE HEADWALL REMOVAL	EACH	3	3		
54213663	PRECAST REINFORCED ^{CONCRETE} FLARED END SECTIONS 18"	EACH	1	1		
54214515	PRECAST REINFORCED ^{CONCRETE FLARED} END SECTIONS, ^{EQUIVALENT} ROUND-SIZE 30"	EACH	1	1		
54248510	CONCRETE COLLAR	CU YD	1.7	1.7		
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	8	8		
542A1063	PIPE CULVERTS, CLASS A, TYPE 2 18"	FOOT	40	40		
542A5485	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	8	8		
60605000	COMBINATION ^{CONCRETE} CURB AND GUTTER, TYPE B-6.24	FOOT	65	65		
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	119.2	119.2		
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	6	6		
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	1	1		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3		
67100100	MOBILIZATION	L SUM	1	1		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	21	21		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	364	364		

* SPECIALTY ITEMS

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	PLOT DATE = 3/14/2011	CHECKED -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
		DATE -	REVISED -								



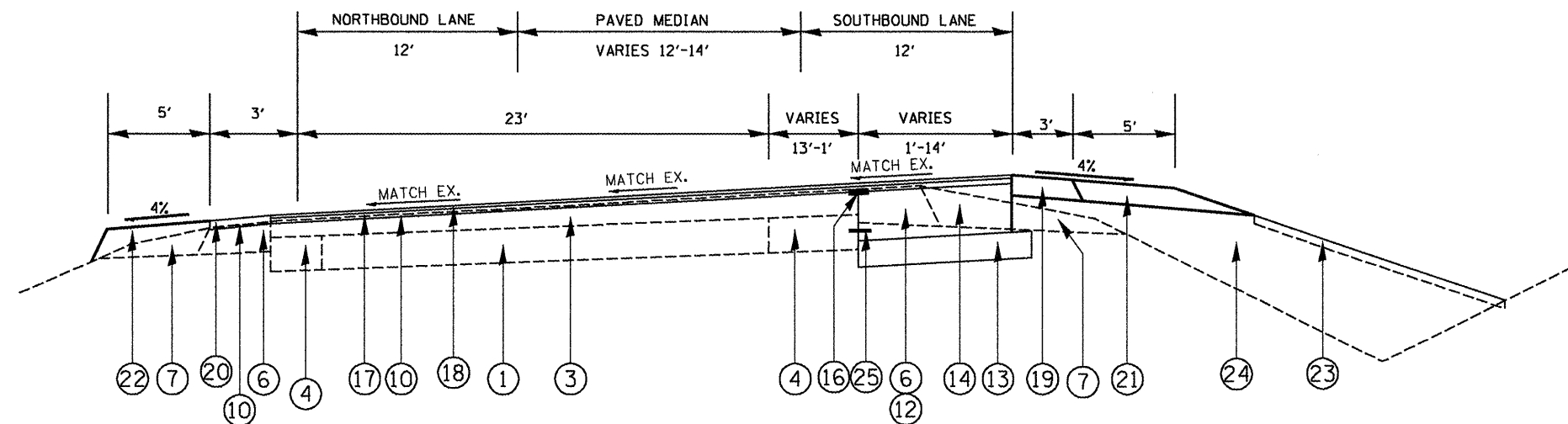
EXISTING TYPICAL SECTION #1
IL 29 STA 1486+61 TO 1490+46

LEGEND

- 1 EXISTING P.C.C. PAVEMENT
- 2 EXISTING PAVEMENT
- 3 EXISTING HOT-MIX ASPHALT OVERLAY
- 4 EXISTING P.C.C. WIDENING
- 5 EXISTING HOT-MIX ASPHALT WIDENING
- 6 EXISTING HOT-MIX ASPHALT SHOULDER
- 7 EXISTING AGGREGATE SHOULDER

- 10 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 3/4"
- 11 PROPOSED PAVEMENT REMOVAL
- 12 PROPOSED HOT-MIX ASPHALT SHOULDER REMOVAL
- 13 PROPOSED SUB BASE GRANULAR MATERIAL, TYPE A, 12"
- 14 PROPOSED P.C.C. BASE COURSE 10"
- 15 PROPOSED HOT-MIX ASPHALT BASE COURSE 6.5"
- 16 PROPOSED STRIP REFLECTIVE CRACK CONTROL
- 17 PROPOSED LEVELING BINDER 1"
- 18 PROPOSED HOT-MIX ASPHALT SURFACE COURSE 1.5"
- 19 PROPOSED HOT-MIX ASPHALT SHOULDER 8"
- 20 PROPOSED HOT-MIX ASPHALT SHOULDER 2.5"
- 21 PROPOSED AGGREGATE SHOULDER 6"
- 22 PROPOSED AGGREGATE SHOULDER
- 23 PROPOSED FURNISH & PLACE TOPSOIL 4"
- 24 PROPOSED FURNISHED EXCAVATION
- 25 PROPOSED 3/4" TIE BARS 24" @ 24" CENTERS

NOTE: TIE BARS SHALL NOT BE PAID
FOR SEPARATELY AS PER ARTICLE 508.07



PROPOSED TYPICAL SECTION #1
IL 29 STA 1486+61 TO 1490+46

NOT TO SCALE

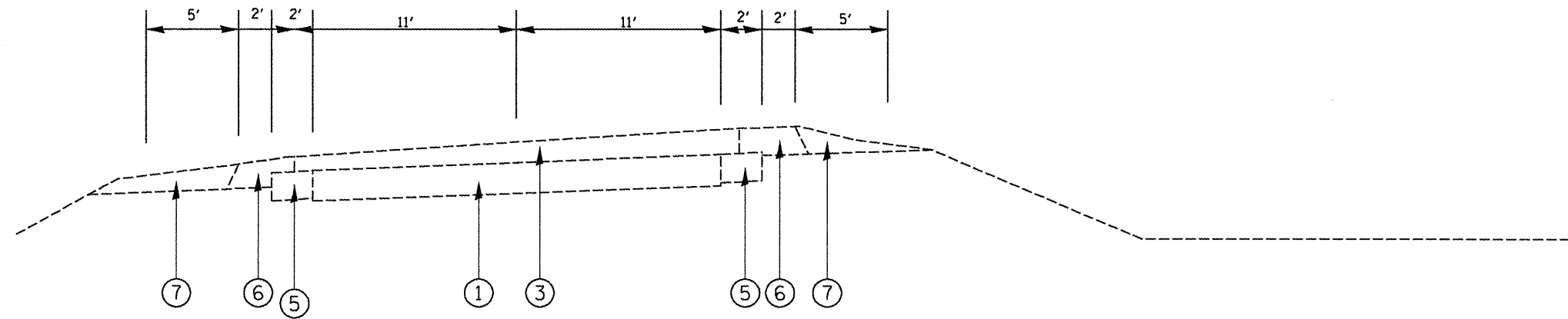
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	PLOT DATE = 3/14/2011	CHECKED -	REVISED -					CONTRACT NO. 68993				
	DATE -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	

LEGEND

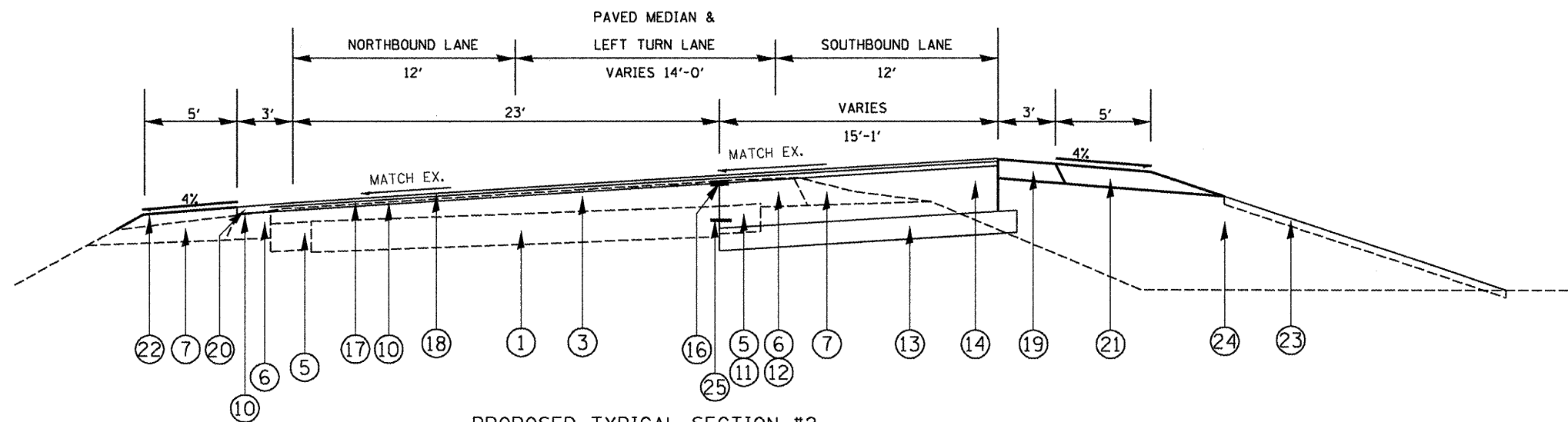
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NOTE: TIE BARS SHALL NOT BE PAID FOR SEPARATELY AS PER ARTICLE 508.07



EXISTING TYPICAL SECTION #2
STATION 1490+46 TO 1504+03



PROPOSED TYPICAL SECTION #2
STATION 1490+46 TO 1504+03

NOT TO SCALE

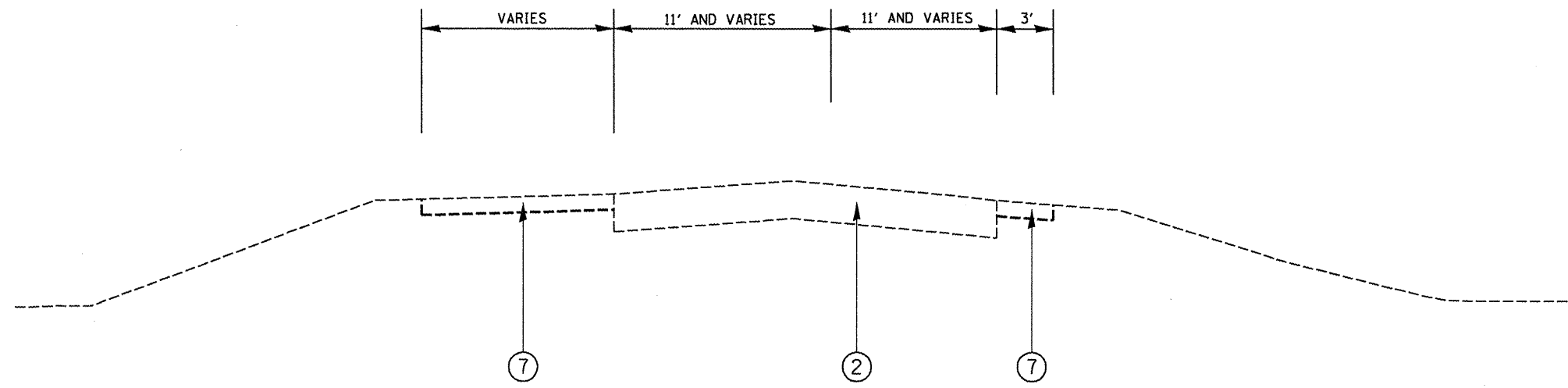
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PLOT SCALE = 40,0000' / IN.		CHECKED -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 68993				
PLOT DATE = 3/14/2011		DATE -	REVISED -	ILLINOIS FED. AID PROJECT						

LEGEND

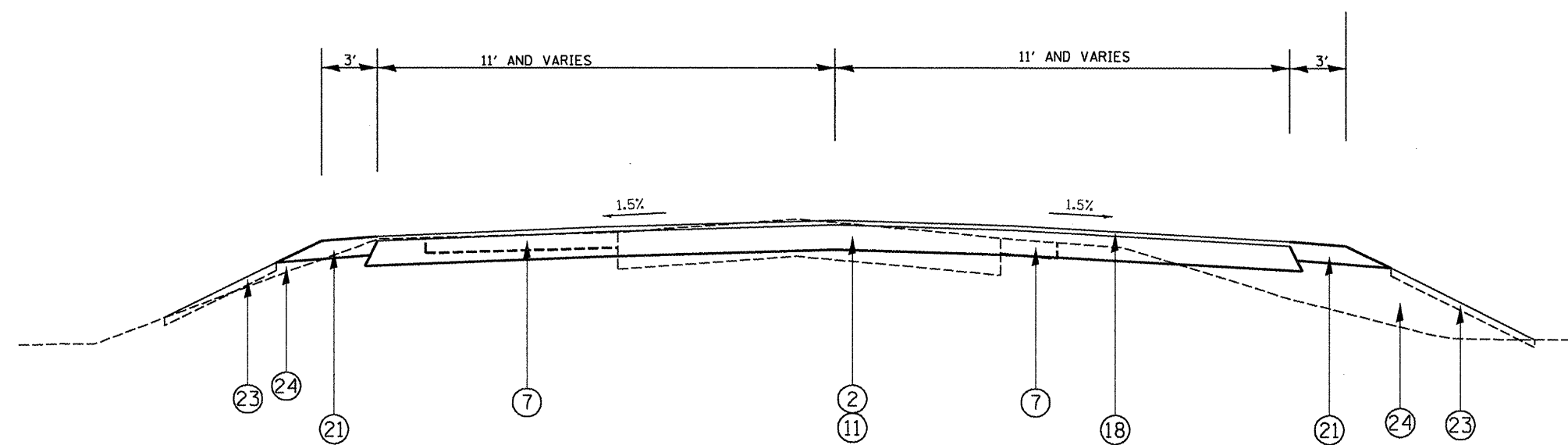
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NOTE: TIE BARS SHALL NOT BE PAID FOR SEPARATELY AS PER ARTICLE 508.07



EXISTING TYPICAL SECTION #3
HART LN STA 7+93 TO 9+74



PROPOSED TYPICAL SECTION #3
HART LN STA 7+93 TO 9+74

NOT TO SCALE

FILE NAME = D:\68993-ah-typical.dgn	USER NAME = hudelsonme	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	F.A.P. RTE. 318	SECTION 4W-2, RS-3	COUNTY PEORIA	TOTAL SHEETS 37	SHEET NO. 8
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 68993 ILLINOIS FED. AID PROJECT				
PLOT DATE = 3/14/2011		DATE -	REVISED -							

INLET AND PIPE PROTECTION	
LOCATION	EACH
1488+97 RT	1
1494+83 RT	1
1501+97 RT	1
SUBTOTAL	3
X 2 APPLICATIONS	
TOTAL	6

PERIMETER EROSION BARRIER	
LOCATION	FOOT
1488+61 to 1489+23 RT	267
1495+58 to 1504+03 RT	880
SUBTOTAL	1147
X 2 APPLICATIONS	
TOTAL	2294

EROSION CONTROL BLANKET	
LOCATION	SQ YD
1489+23 to 1495+00	256.4
1502+00 to 1502+30	13.3
TOTAL	269.7

TEMPORARY DITCH CHECKS	
LOCATION	FOOT
1489+42 RT	12
1489+92 RT	12
1490+42 RT	12
1491+42 RT	12
1491+92 RT	12
1492+42 RT	12
1492+92 RT	12
1493+42 RT	12
1493+92 RT	12
1494+42 RT	12
1495+00 RT	12
1502+25 RT	12
SUBTOTAL	144
X 2 APPLICATIONS	
TOTAL	288

TEMPORARY EROSION CONTROL SEEDING		
LOCATION	AREA	TOTAL
	ACRE	POUND
JOBSITE	1.6	160
X 2 APPLICATIONS		320
TOTAL		320

STONE DUMPED RIP RAP CLASS B3	
LOCATION	SQ YD
1489+23 RT 47.0'	48.9
TOTAL	48.9

FILTER FABRIC	
LOCATION	SQ YD
1489+23 RT 47.0'	48.9
TOTAL	48.9

LANDSCAPING TABLE						
LOCATION	TOPSOIL	SEEDING	MULCH	NITROGEN	PHOSPHORUS	POTASSIUM
	FURNISH & PLACE 4"	CLASS 2A	METHOD 1	FERTILIZER NUTRIENT	FERTILIZER NUTRIENT	FERTILIZER NUTRIENT
	SQ YD	ACRE	ACRE	POUND	POUND	POUND
1488+31 to 1495+22	2673	0.7	0.7	63	63	63
1495+22 to 1504+33	2113	0.9	0.9	81	81	81
TOTAL	4786	1.6	1.6	144	144	144

EARTHWORK TABLE				
LOCATION	EARTH EXCAVATION	FOR INFORMATION ONLY		FURNISHED EXCAVATION
		EARTH EXCAVATION (W/SHRINKAGE)	EMBANKMENT	
		CU YD	CU YD	
1486+61 TO 1495+22	876	657	961	304
1495+22 TO 1504+03	121	91	1172	1081
HART LANE	44	33	84	51
TOTAL	1041	781	2217	1436

PAVEMENT REMOVAL	
LOCATION	SQ YD
1490+46 TO 1504+03	377
HART LANE	572.2
TOTAL	949.2

CONCRETE HEADWALL REMOVAL	
LOCATION	EACH
1489+18 39' RT	1
1494+83 30' RT	1
1501+97 30' RT	1
TOTAL	3

PAVED DITCH REMOVAL	
LOCATION	FOOT
1489+30 RT	60
TOTAL	60

PAVED SHOULDER REMOVAL	
LOCATION	SQ YD
1486+61 to 1494+92	230.8
1495+69 to 1504+03	231.7
TOTAL	462.5

SHORT TERM PAVEMENT MARKING			PAVEMENT MARKING TAPE TYPE III 4"	WORK ZONE PAVEMENT MARKING REMOVAL
LOCATION	LENGTH	CL DASH		
		FOOT	FOOT	SQ FT
1486+31 to 1495+22	891	90	2673	
1495+22 to 1504+33	911	92	2733	
SUBTOTAL		182		
X 2 APPLICATIONS				
TOTAL		364	5406	1924

PAVEMENT MARKING REMOVAL	
LOCATION	AREA
	SQ FT
1486+31 TO 1504+33	751
TOTAL	751

FURNISHING AND ERECTING RIGHT OF WAY MARKERS	
LOCATION	EACH
1492+57.56 (125.80' RT)	1
1494+50.02 (212.06' RT)	1
1495+08.48 (211.52' RT)	1
1495+65.24 (211.89' RT)	1
1496+37.91 (212.89' RT)	1
1500+97.48 (69.17' RT)	1
TOTAL	6

PERMANENT SURVEY MARKER TYPE I	
LOCATION	EACH
IL 29 STA 1495+22.00 = HART LN STA 10+00.00	1
TOTAL	1

LOCATION	URETHANE AND TEMPORARY PAVEMENT MARKINGS							RAISED REFLECTIVE PAVEMENT MARKER		RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
	4" WHITE	4" YELLOW	8" WHITE	12" WHITE DIAG	12" YELLOW DIAG	24" WHITE STOP LINE	LETTERS AND SYMBOLS	AMBER	CRYSTAL	EACH
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	EACH	EACH	EACH
1486+31 to 1495+22	1245	1396			334			34		12
1495+22 to 1504+33	1656	2679	264		45		46.8	44	7	12
Hart Lane	512	224	97	18		37		4		
Subtotal	3413	4299		18	379			82	7	
Total	7712		361	397		37	46.8	89		24

FILE NAME = D:\68993-shr-schedule.dgn

USER NAME = hudelsonme
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 3/15/2011

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	4W-2, RS-3	PEORIA	37	9
CONTRACT NO. 68993				
ILLINOIS FED. AID PROJECT				

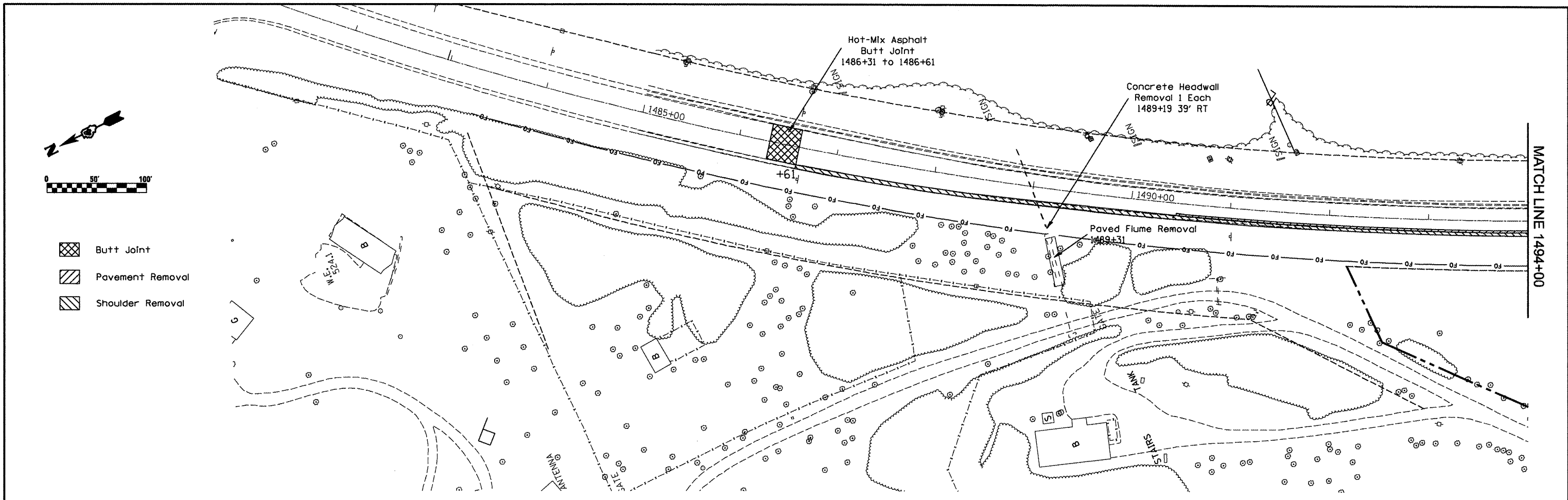
RESURFACING TABLE																		
LOCATION	LENGTH	WIDTH	HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT	TEMPORARY RAMP	HOT-MIX ASPHALT SURFACE REMOVAL 3/4"	POLYMERIZED BITUMINOUS MATERIAL PRIME COAT	SUBBASE GRANULAR MATERIAL TYPE A 12"	HMA BASE COURSE 6.5"	PCC BASE COURSE 10"	SEE NOTE 1 TIE BARS 3/4" FOR INFO ONLY	STRIP REFLECTIVE CRACK CONTROL	POLY LEVELING BINDER MACH METH IL-4.75, N50	POLY HMA SURFACE COURSE MIX D N50 1.5"	MATERIAL TRANSFER DEVICE	HOT MIX ASPHALT SHOULDERS		AGGREGATE SHOULDERS TYPE B	
															8"	2.5"	6"	2.5"
															SQ YD	TON	SQ YD	TON
1486+31 to 1486+61	30	36	120	40		0.1						3.4	10.1	13.5		0.7		3.6
1486+61 to 1490+46	385	37 to 38			1304.7	0.9	342.3		299.5	154	385	89.8	134.8	224.6	128.3	18	192.5	91.3
1490+46 to 1498+43	797	38			1948.2	1.8	1505.5		1416.9	319	797	188.4	282.7	471.1	205	37.2	307.5	189.1
1498+43 to 1504+03	560	38 to 24			1368.9	1.1	653.3		591.1	224	560	109.8	164.6	274.4	186.7	26.1	280	132.9
1504+03 to 1504+33	30	24	80	26.7		0.1						2.2	6.7	8.9		0.7		3.6
HART LANE		Var				0.2		909.9					76.4				148.7	420.5
TOTAL			200	66.7	4621.8	4.2	2501.1	909.9	2307.5	697	1742	393.6	675.3	992.5	520	82.7	928.7	841

NOTE 1- TIE BAR QUANTITIES ARE FOR INFORMATION. THEY SHALL NOT BE PAID FOR SEPARATELY AS PER ARTICLE 508.07

DRAINAGE TABLE							
LOCATION	TRENCH BACKFILL	CONCRETE COLLAR	PRECAST REINFORCED CONCRETE FLARED END SECTION	PRECAST REINFORCED CONCRETE FLARED END SECTION EQUIVALENT ROUND SIZE	PIPE CULVERTS CLASS A TYPE 1	PIPE CULVERTS CLASS A TYPE 2	PIPE CULVERTS CLASS A TYPE 1 EQUIVALENT ROUND SIZE
			18"	30"	18"	18"	30"
			CU YD	CU YD	EACH	EACH	FOOT
1488+97 45' RT		0.7		1			8
1494+83 31' RT	9	0.5	1			40	
1501+97 30' RT		0.5	1		8		
Total	9	1.7	2	1	8	40	8

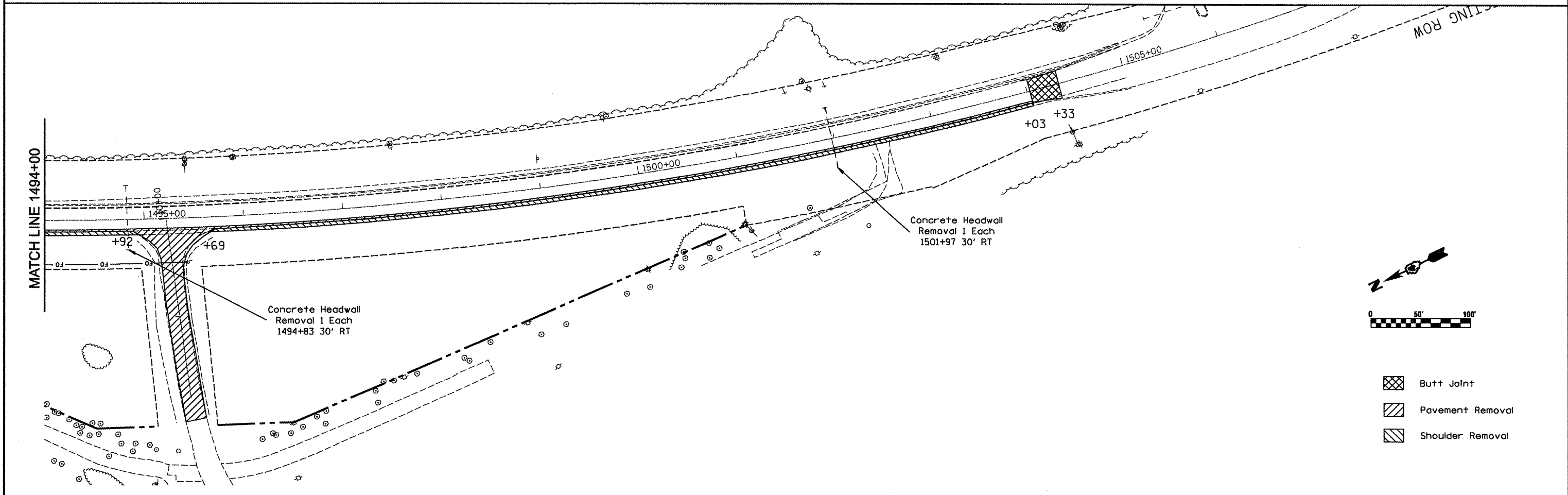
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	
LOCATION	FOOT
HART LANE ISLAND	65
TOTAL	65

CONCRETE MEDIAN SURFACE 4"	
LOCATION	SQ FT
HART LANE ISLAND	119.2
TOTAL	119.2



MATCH LINE 1494+00



- Butt Joint
- Pavement Removal
- Shoulder Removal



MATCH LINE 1494+00

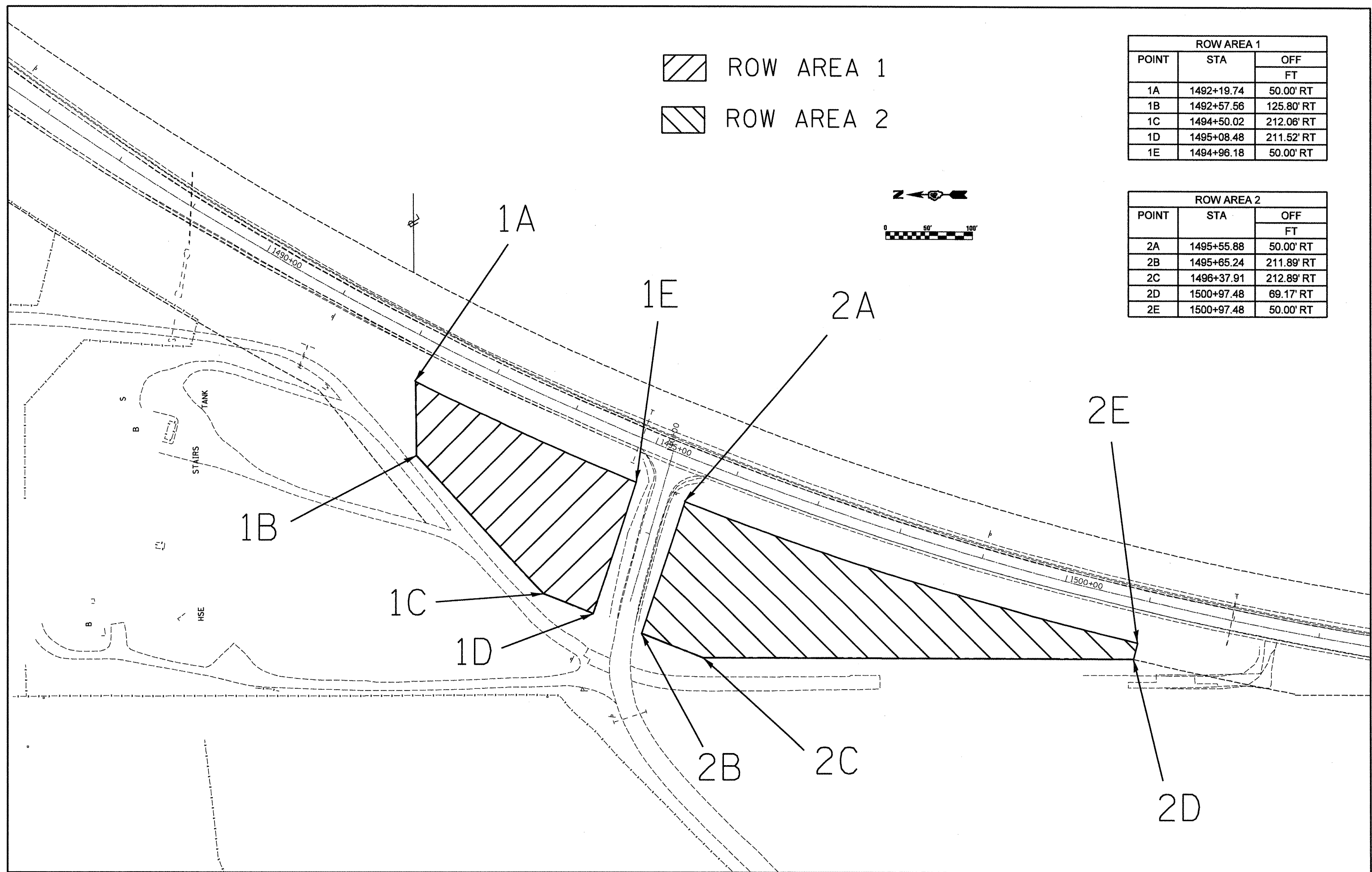
- Butt Joint
- Pavement Removal
- Shoulder Removal

FILE NAME = D468993-ah-plot.dgn	USER NAME = hudeisanme	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL SHEET	F.A.P. RTE. 318	SECTION 4W-2, RS-3	COUNTY PEORIA	TOTAL SHEETS 37	SHEET NO. 11
PLOT SCALE = 1/8" = 100' / IN.		CHECKED -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 68993				
PLOT DATE = 3/14/2011		DATE -	REVISED -	<small>ILLINOIS FED. AID PROJECT</small>						

 ROW AREA 1
 ROW AREA 2

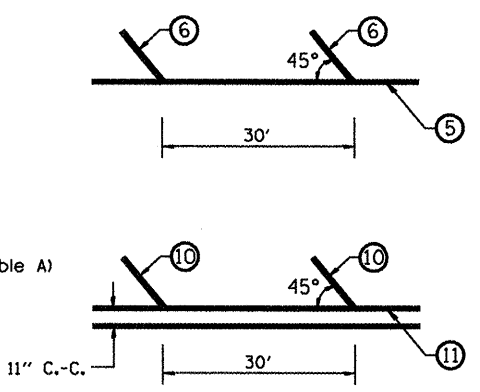
ROW AREA 1		
POINT	STA	OFF
		FT
1A	1492+19.74	50.00' RT
1B	1492+57.56	125.80' RT
1C	1494+50.02	212.06' RT
1D	1495+08.48	211.52' RT
1E	1494+96.18	50.00' RT

ROW AREA 2		
POINT	STA	OFF
		FT
2A	1495+55.88	50.00' RT
2B	1495+65.24	211.89' RT
2C	1496+37.91	212.89' RT
2D	1500+97.48	69.17' RT
2E	1500+97.48	50.00' RT



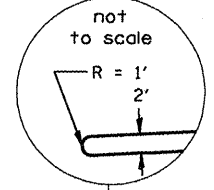
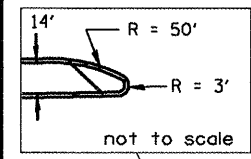
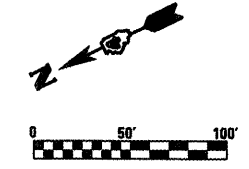
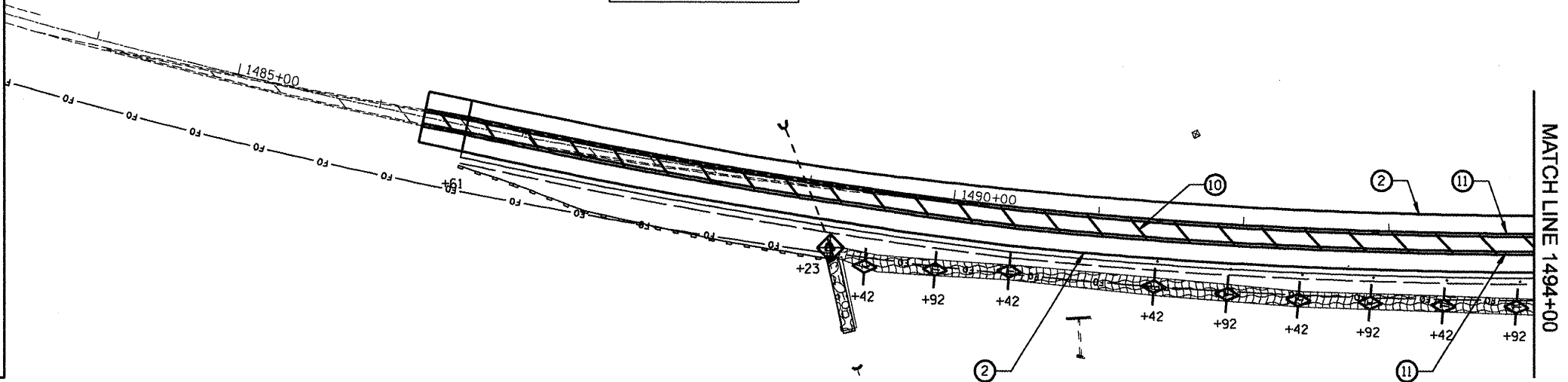
TYPICAL PAVEMENT MARKING LEGEND

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White)
- ⑦ 24(600) Stop Line (White)
- ⑧ Letters & Arrows
- ⑩ 12(300) Diagonal (Yellow) (See Table A)
- ⑪ 4(100) Double Solid (Yellow)



- Perimeter Erosion Barrier
- Temporary Ditch Check
- Inlet & Pipe Protection

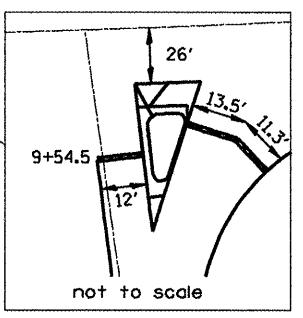
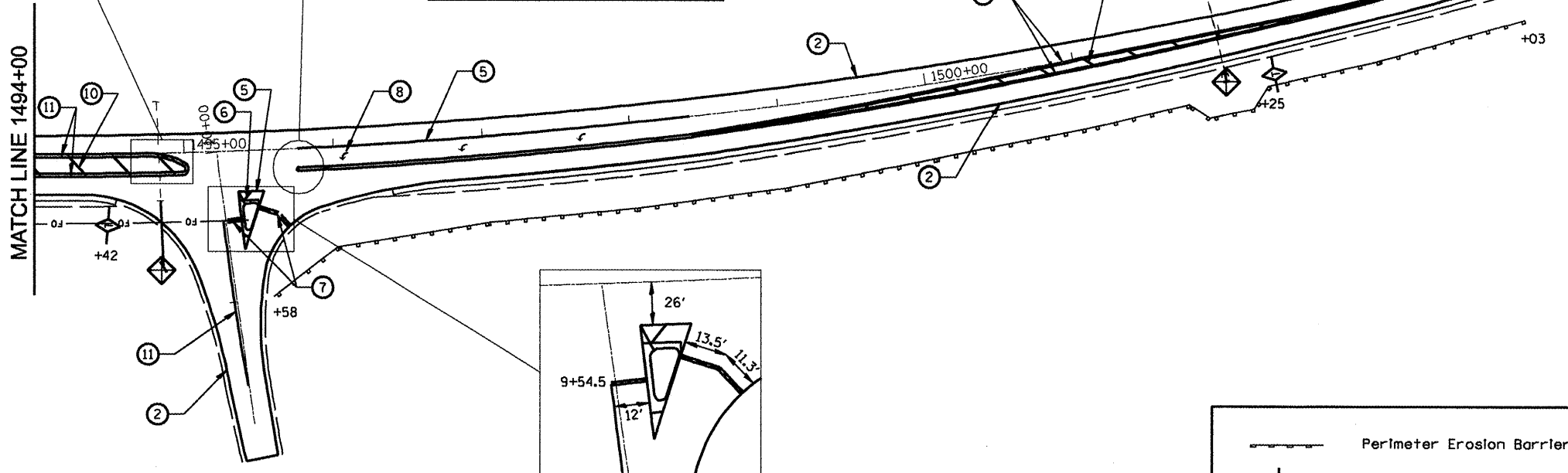
Median Taper 12' to 14'
1486+61 to 1490+46



Median Taper 2' to 7'
1498+43 to 1501+08

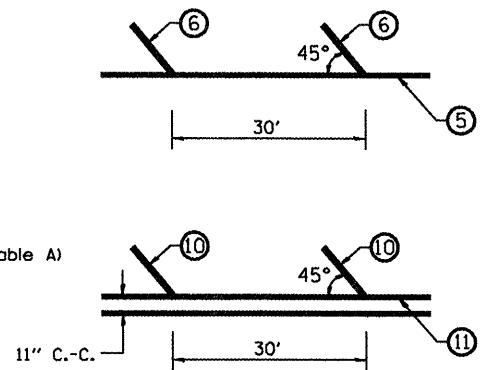
Median Taper 7' to 0'
1501+08 to 1504+03

Left Turn Lane
Full Lane (12') 1495+78 to 1498+43
Taper (12' to 0') 1498+43 to 1501+08

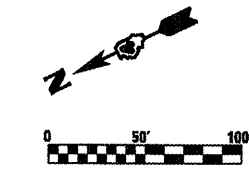


TYPICAL PAVEMENT MARKING LEGEND

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White)
- ⑦ 24(600) Stop Line (White)
- ⑧ Letters & Arrows
- ⑩ 12(300) Diagonal (Yellow) (See Table A)
- ⑪ 4(100) Double Solid (Yellow)



- Perimeter Erosion Barrier
- Temporary Ditch Check
- Inlet & Pipe Protection



FILE NAME = 0468993-ah-plot.dgn

USER NAME = hudelsonme
PLOT SCALE = 100.0000' / IN.
PLOT DATE = 3/14/2011

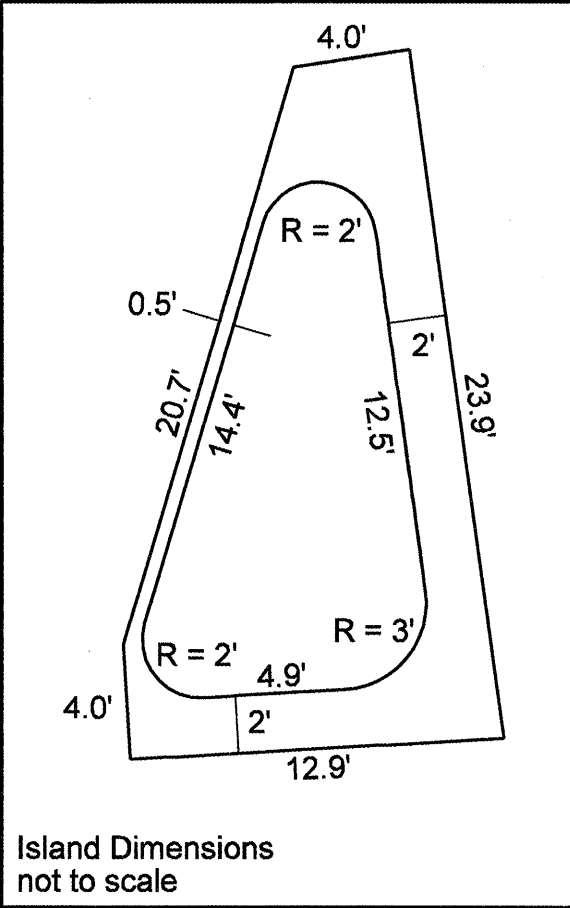
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & EROSION CONTROL

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

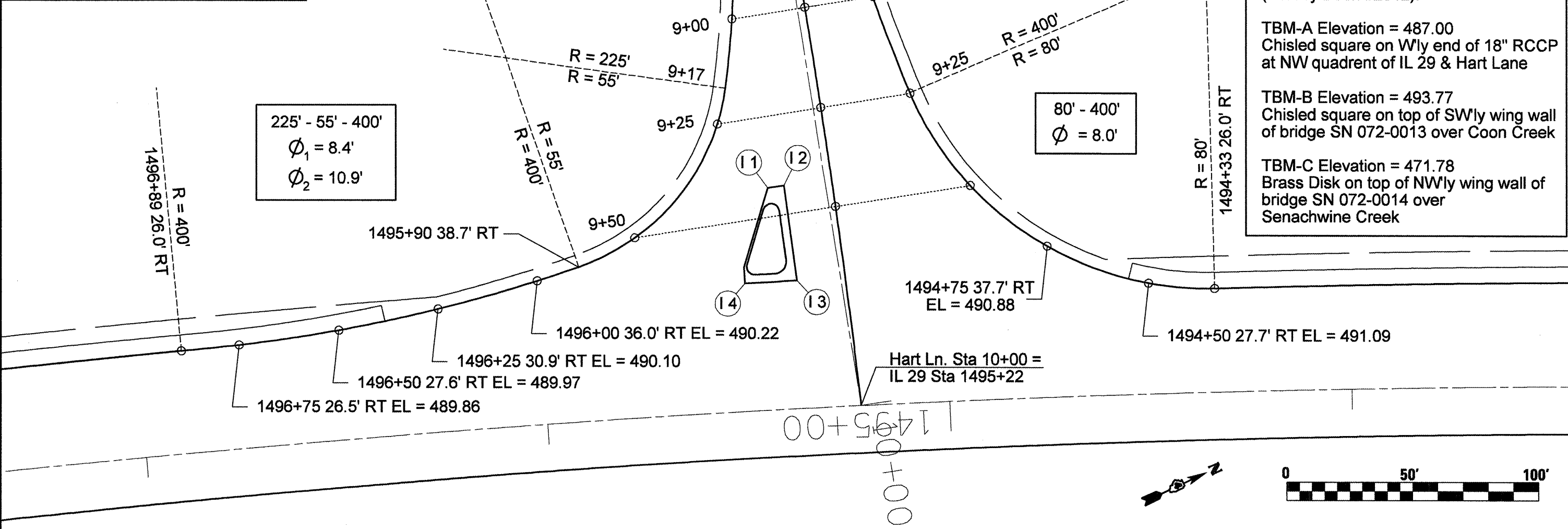
F.A.P. RTE. 318	SECTION 4W-2, RS-3	COUNTY PEORIA	TOTAL SHEETS 37	SHEET NO. 14
CONTRACT NO. 68993				
ILLINOIS FED. AID PROJECT				



ISLAND			
POINT	STA	OFF	ELEV
		FT	FT
I1	1495+42	55.5 RT	490.56
I2	1495+38	55.8 RT	490.62
I3	1495+36	32.0 RT	490.59
I4	1495+49	32.0 RT	490.54

Centerline radius = 1954.1'

STA	LT EOP		CENTERLINE		RT EOP	
	OFF	ELEV	OFF	ELEV	OFF	ELEV
	FT	FT	FT	FT	FT	FT
8+00	9.48	MATCH	1.32 RT	MATCH	12.33	MATCH
8+25	11.48		0.03 RT	496.09	11.61	
8+50	13.02	494.36	0.93 LT	494.55	11.16	494.38
8+75	15.18	492.98	1.58 LT	493.17	12.4	492.94
9+00	18.94	491.65	1.9 LT	491.97	16.48	491.68
9+20			1.93 LT	491.29		
9+25	24.34	490.75	1.91 LT	491.18	24.15	490.63
9+30			1.87 LT	491.08		
9+35			1.82 LT	490.97		
9+40			1.76 LT	490.86		
9+45			1.68 LT	490.77		
9+50	35.43	490.02	1.59 LT	490.69	49.23	490.36
9+55			1.49 LT	490.64		
9+60			1.38 LT	490.61		
9+65			1.25 LT	490.62		
9+70			1.11 LT	490.65		
9+74			0.96 LT	490.7		
10+00			0			



Temporary Benchmark Info
(Survey Book #2912):

TBM-A Elevation = 487.00
 Chisled square on W'y end of 18" RCCP
 at NW quadrant of IL 29 & Hart Lane

TBM-B Elevation = 493.77
 Chisled square on top of SW'y wing wall
 of bridge SN 072-0013 over Coon Creek

TBM-C Elevation = 471.78
 Brass Disk on top of NW'y wing wall of
 bridge SN 072-0014 over
 Senachwine Creek

GENERAL NOTES

Two Type A Low Intensity Flashing Lights shall be used on each approach in advance of the work area during hours of darkness. One light shall be installed above the barricades and the other above the first advance warning sign.

When fluorescent signs are used, orange flags are not required.

All signs shall be post mounted if the closure time exceeds four days.

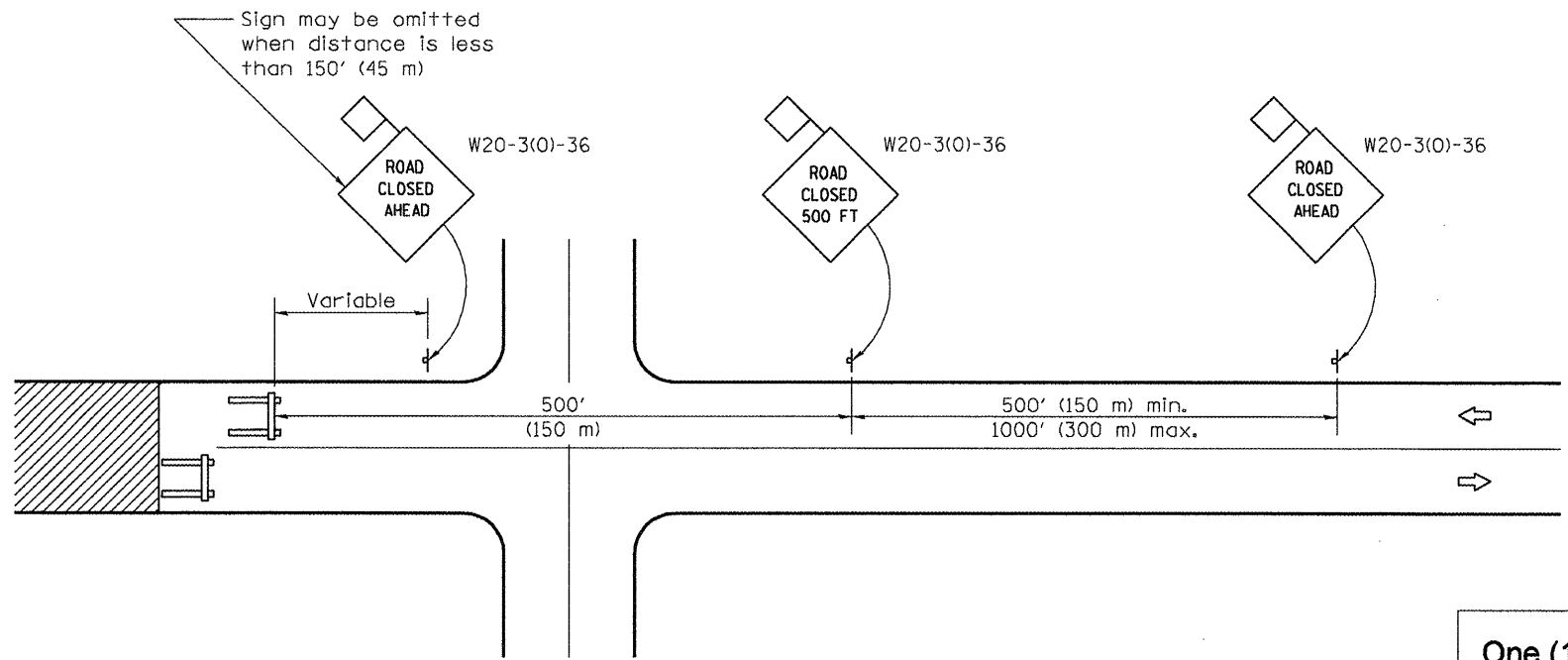
Longitudinal dimensions may be adjusted to fit field conditions.

All warning signs shall have minimum dimensions of 36 x 36 (900 x 900) and have a black legend on an orange reflectorized background.

When the distance between the barricade and the intersection is between 1500' (450 m) and 2000' (600 m), the advance sign shall be placed at the intersection. When the distance between the barricade and the intersection is over 2000' (600 m), an additional sign shall be placed at the intersection. The additional sign shall give the distance to the barricade in miles or fractions of a mile.

All work zone signs are required to meet, as a minimum, Type B reflectivity requirements of Table 1091-2 in Article 1091.02 of the Standard Specifications.

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



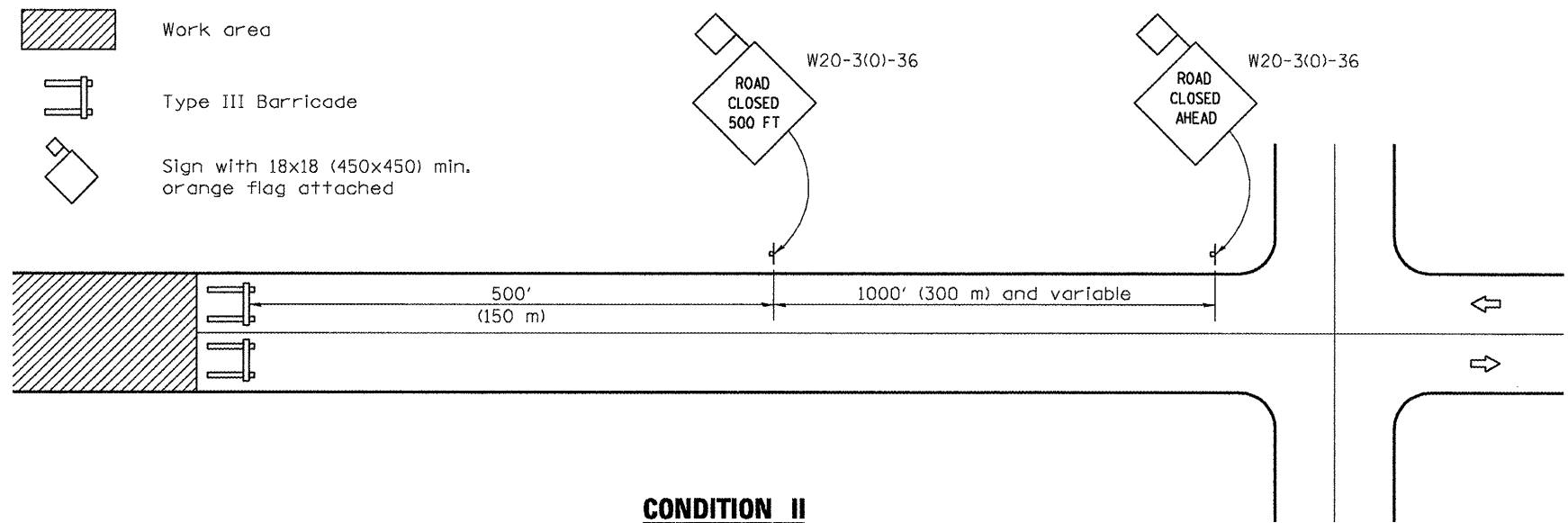
CONDITION I

When distance from closure to crossroad is less than 1500' (450 m)

One (1) message board shall be placed on Hart Lane for one (1) week prior to the closure of Hart Lane to inform motorists of the start date of the closure. This will not be paid for separately, but shall be included in the price of TRAFFIC CONTROL SPECIAL, STANDARD BLR 21 (SPECIAL)

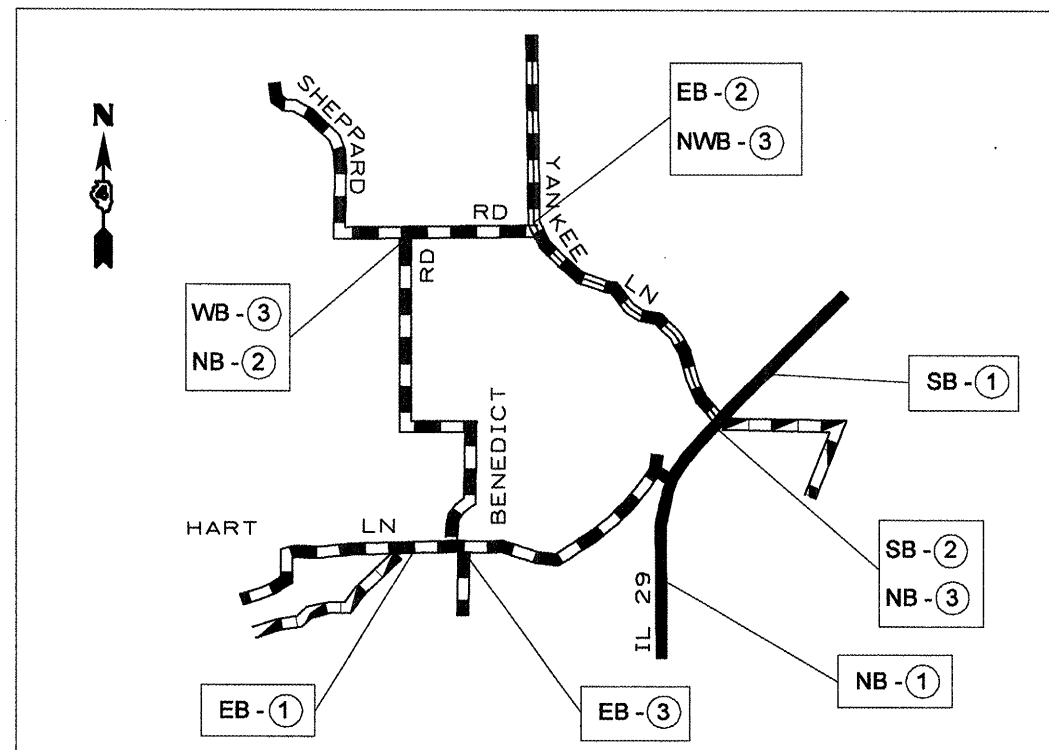
SYMBOLS

- Work area
- Type III Barricade
- Sign with 18x18 (450x450) min. orange flag attached



CONDITION II

When distance from closure to crossroad is greater than 1500' (450 m)



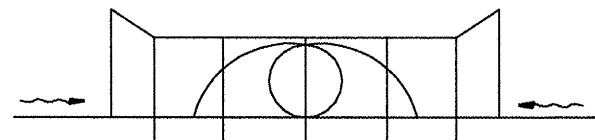
MARKED DETOUR SIGNING LEGEND

- ① R11-3-6030 "HART LANE CLOSED AT IL 29 1 MILE AHEAD" M4-8-2412 "DETOUR"
- ② M4-8-2412 "DETOUR" M1-5-2424 "HART LANE" M6-1-2115 (RIGHT ARROW)
- ③ M4-8-2412 "DETOUR" M1-5-2424 "HART LANE" M6-1-2115 (LEFT ARROW)

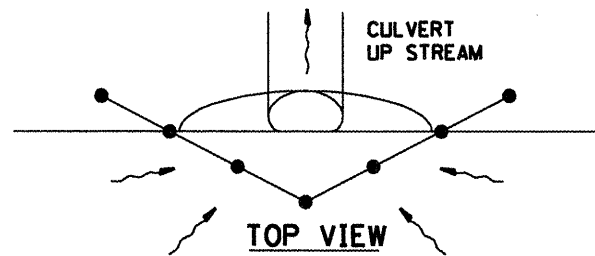
Hart Lane and Benedict Road Condition I
Type III Barricades and R11-4-6030 signs shall be positioned as shown in the "Road Closed To Thru Traffic" detail on Highway Standard 701901

Hart Lane and IL 29 Condition II
Type III Barricades and R11-2-4830 signs shall be positioned as shown in the "Road Closed To All Traffic" detail on Highway Standard 701901

FILE NAME = D468993-sht-details.dgn	USER NAME = hudeisonme	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL & PROTECTION BLR 21 (SPL)			F.A.P. RTE. = 318	SECTION = 4W-2, RS-3	COUNTY = PEORIA	TOTAL SHEETS = 37	SHEET NO. = 16
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -					CONTRACT NO. 68993				
	PLOT DATE = 3/17/2011	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

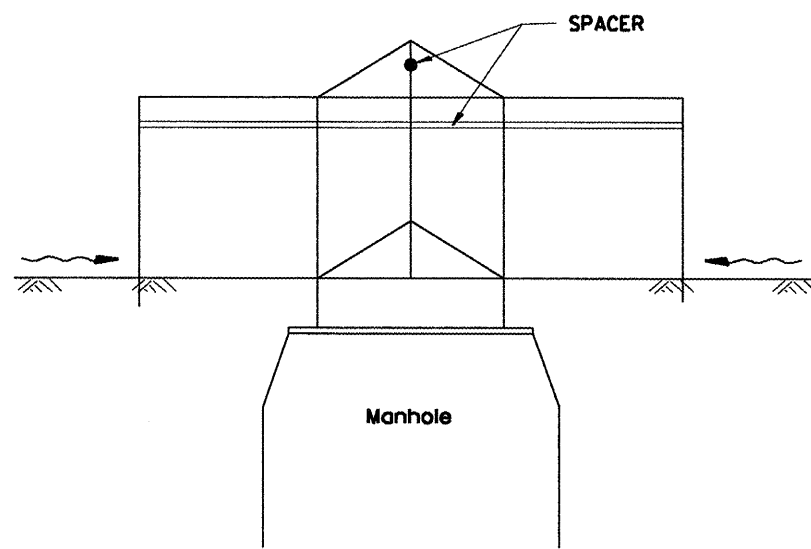


FRONT VIEW

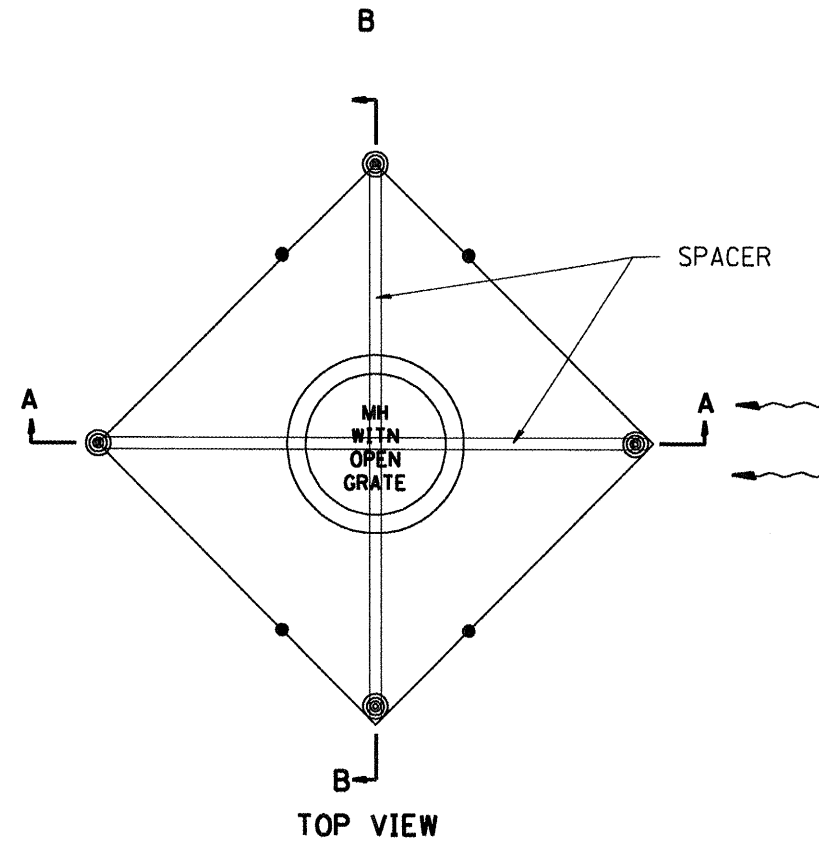


TOP VIEW

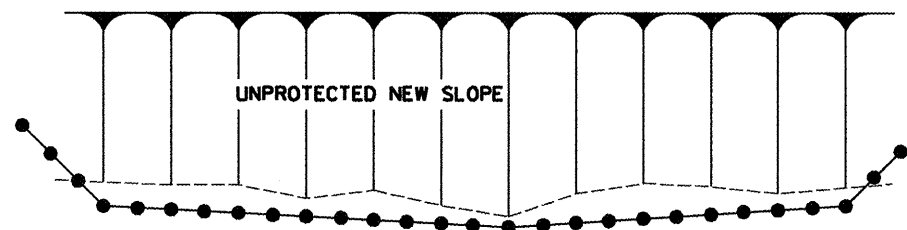
UPSTREAM PIPE CULVERT EROSION CONTROL



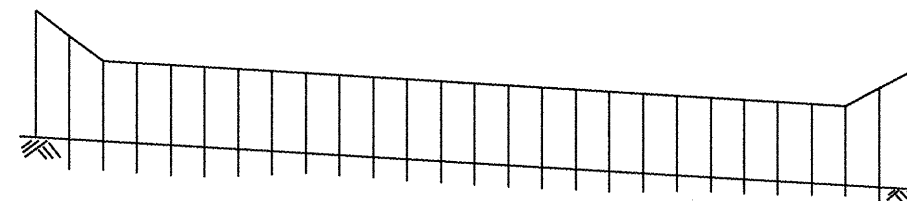
SIDE VIEW
A-A



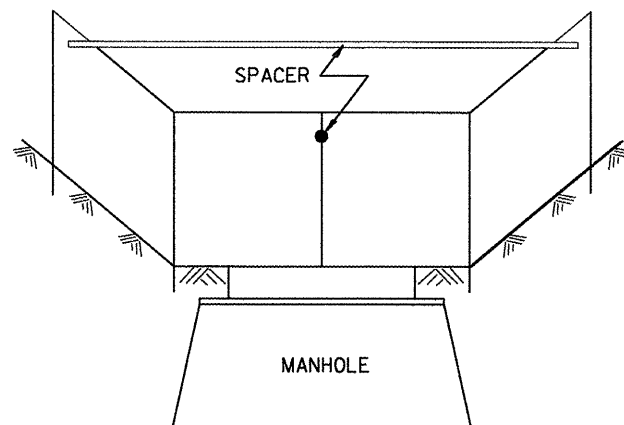
TOP VIEW



TOP VIEW



FRONT VIEW



Front View
B-B

EROSION CONTROL
AT
OPEN GRATE MAN HOLE

GENERAL NOTES:

1. This work shall be performed in accordance with Sections 280 & 1081, of the Standard Specifications.
2. Additional Timber or Metal Post shall be installed, as needed.

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

1-1-97	T.P.
3-11-03	M.A.

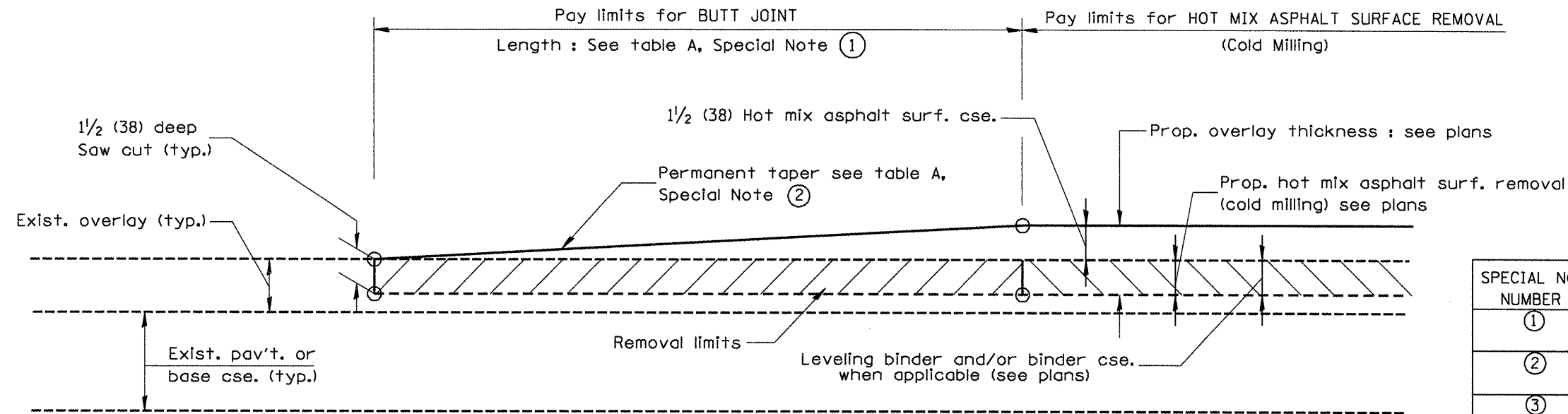
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATION OF SILT FILTER FENCE

NOT TO SCALE

CADD STD. 280001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	4W-2, RS-3	PEORIA	37	17
CONTRACT NO. 68993				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



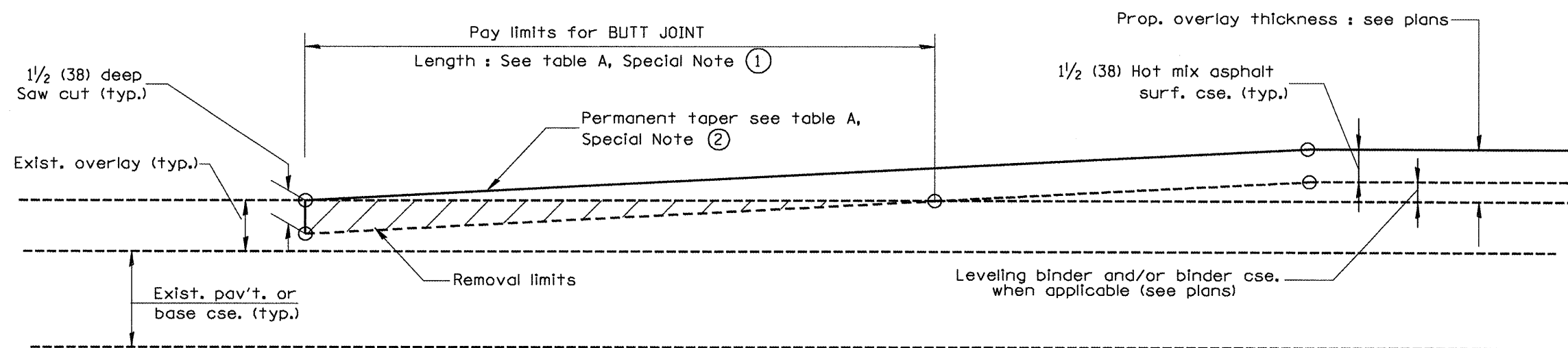
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

TABLE A
(LENGTHS AND TAPER RATES)

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	LENGTH OF BUTT JOINT	60'(18.0 m)	30'(9.0 m)
②	PERMANENT TAPER RATE	1:480	1:240
③	TEMPORARY RAMP TAPER RATE	1:80	1:40
④	TEMPORARY RAMP LENGTH	10'(3.0 m)	5'(1.5 m)
⑤	LENGTH OF BUTT JOINT	10'(3.0 m)	10'(3.0 m)

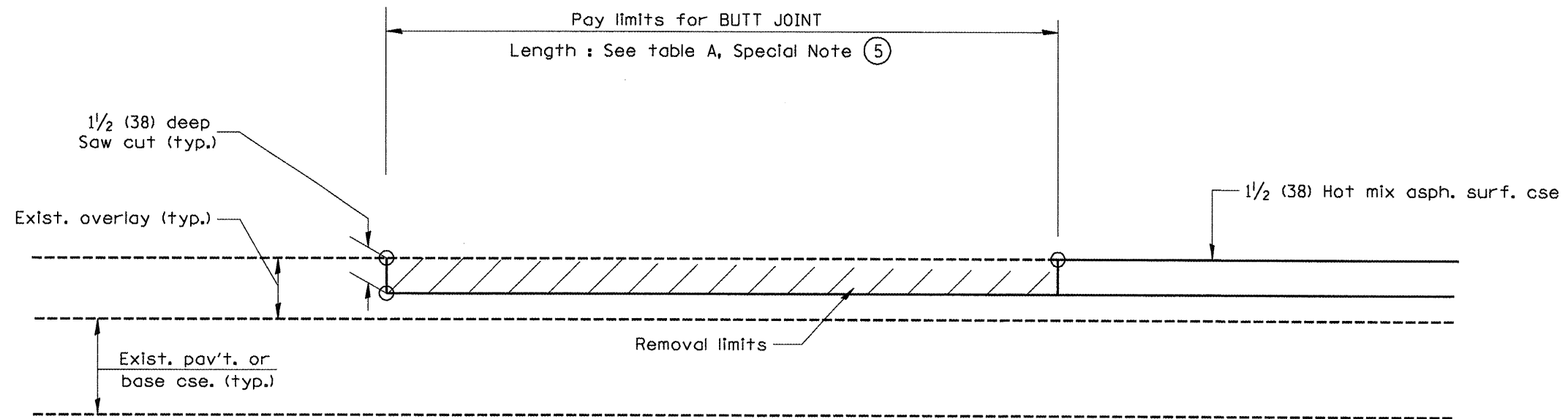
GENERAL NOTES

1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.



CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

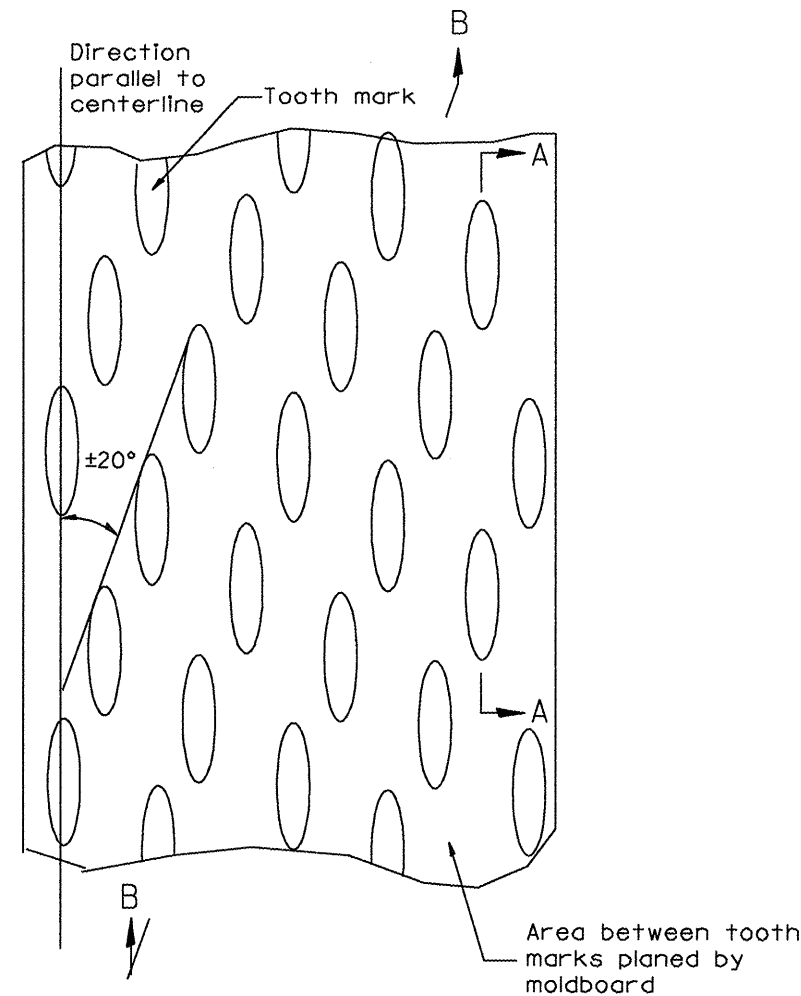
All dimensions are in inches (millimeters) unless otherwise noted.



**CASE 5 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**

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

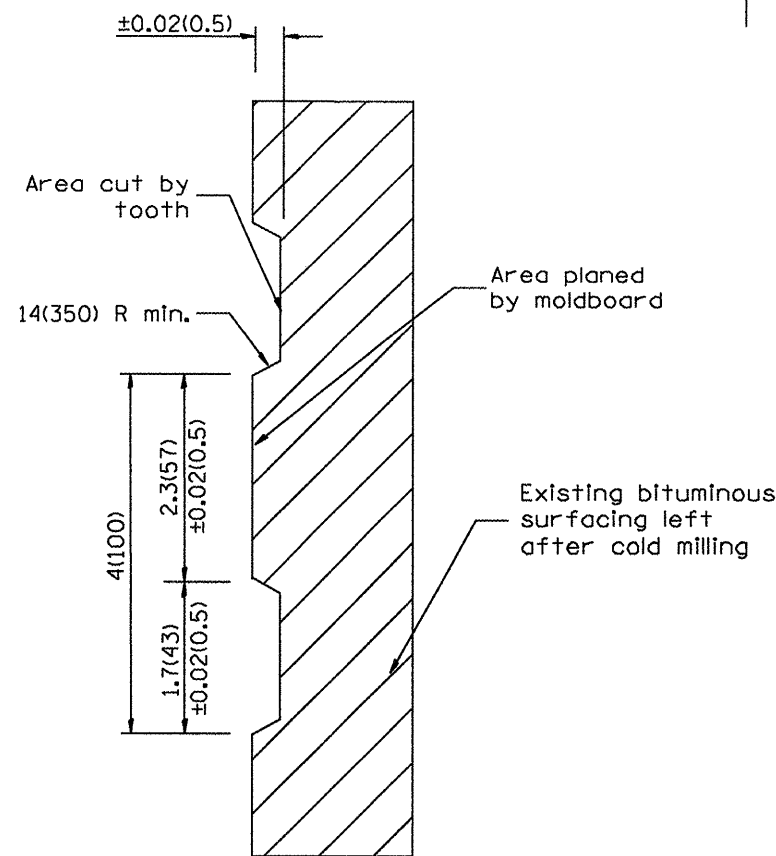
				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		SHT. 3 OF 3 CADD STD. 406101-D4		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	
				NOT TO SCALE		CONTRACT NO. 68993		F.A.P. RTE. 318		SECTION 4W-2, RS-3	
								TOTAL SHEETS 37		SHEET NO. 20	



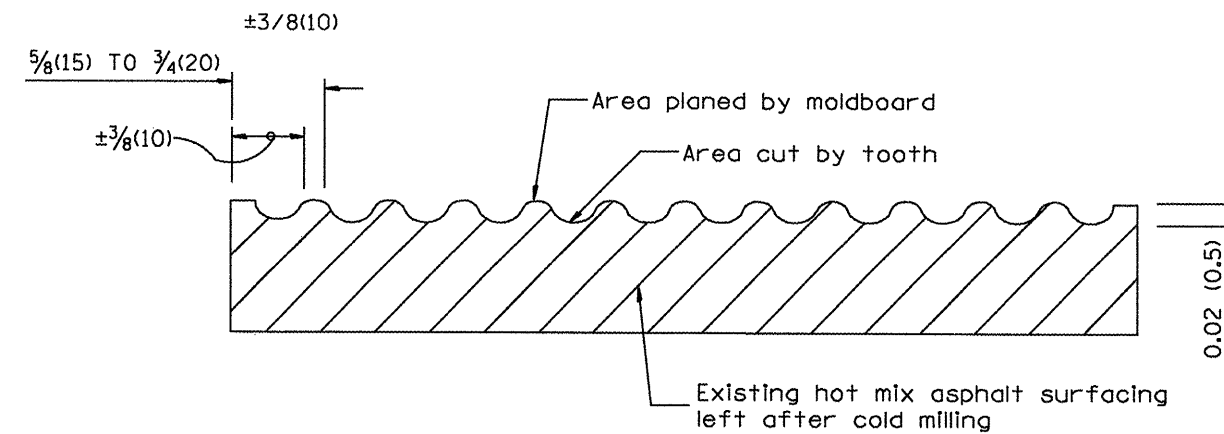
PLAN

General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.



SECTION A-A



SECTION B-B PROJECTED
PERPENDICULAR TO CENTERLINE

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

01-01-97	RENUM. C-104.01, NEW REVISION BOX	T.P.
04-20-98	REMOVED MILLING DETAIL FROM STANDARD	J.A.
09-08-98	CORRECT NOTE LEADER PLACEMENT	R.W.
10-16-06	REVISED TO 2007 SPEC.	M.A.

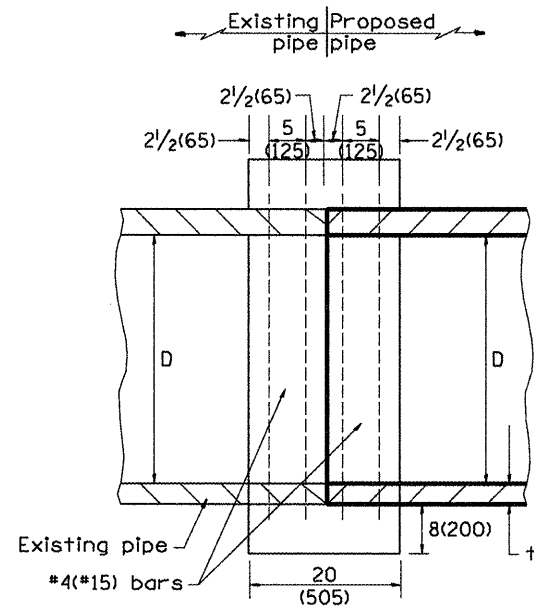
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

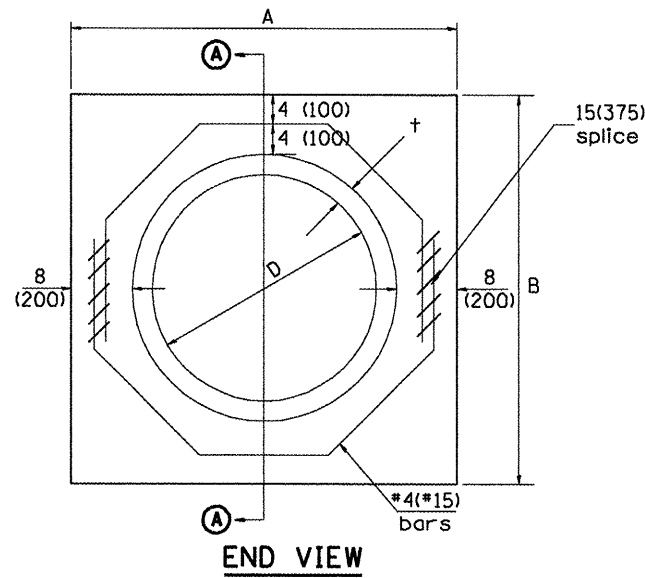
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CADD STD. 440001-D4

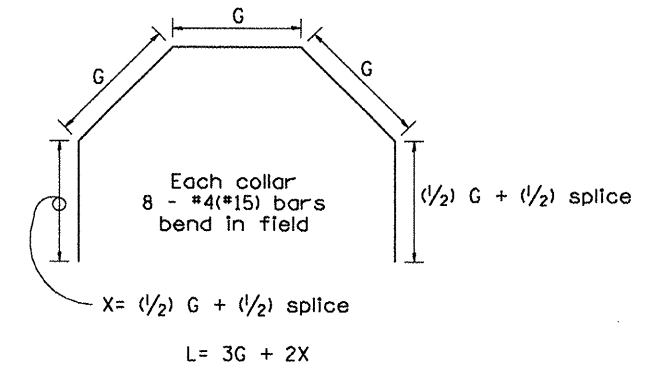
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	4W-2, RS-3	PEORIA	37	21
CONTRACT NO. 68993				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



SECTION A - A



END VIEW



Each Collar									
					Reinforcement Bars				
D	+	A	B	CL. SI CONC.	G	X	L	Weight	
in (mm)	in (mm)	ft (m)	ft (m)	cu. yd. (m ³)	in (mm)	in (mm)	ft (m)	lb (kg)	
12 (300)	2.00 (51)	2.67 (0.814)	2.67 (0.814)	0.4 (0.270)	9 ¹⁵ / ₁₆ (253)	12 ⁷ / ₁₆ (317)	4.57 (1.393)	24 (11)	
15 (375)	2.25 (57)	2.96 (0.902)	2.96 (0.902)	0.4 (0.315)	11 ³ / ₈ (290)	13 ³ / ₁₆ (335)	5.05 (1.541)	27 (12)	
18 (450)	2.50 (64)	3.25 (0.991)	3.25 (0.991)	0.5 (0.362)	12 ¹³ / ₁₆ (327)	13 ⁷ / ₈ (354)	5.54 (1.689)	30 (14)	
21 (525)	2.75 (70)	3.54 (1.079)	3.54 (1.079)	0.5 (0.411)	14 ¹ / ₄ (364)	14 ⁵ / ₈ (372)	6.02 (1.836)	32 (15)	
24 (600)	3.00 (76)	3.83 (1.167)	3.84 (1.167)	0.6 (0.460)	15 ¹¹ / ₁₆ (401)	15 ⁵ / ₁₆ (391)	6.51 (1.984)	35 (16)	
27 (675)	3.25 (83)	4.13 (1.259)	4.13 (1.259)	0.7 (0.516)	17 ¹ / ₄ (438)	16 ¹ / ₁₆ (409)	6.99 (2.131)	37 (17)	
30 (750)	3.50 (89)	4.42 (1.347)	4.42 (1.347)	0.7 (0.570)	18 ¹¹ / ₁₆ (475)	16 ³ / ₄ (428)	7.48 (2.279)	40 (18)	
33 (825)	3.75 (95)	4.71 (1.436)	4.71 (1.436)	0.8 (0.624)	20 ¹ / ₈ (512)	17 ¹ / ₂ (446)	7.96 (2.426)	43 (19)	
36 (900)	4.00 (102)	5.00 (1.524)	5.00 (1.524)	0.9 (0.682)	21 ⁹ / ₁₆ (549)	18 ³ / ₁₆ (465)	8.44 (2.574)	45 (20)	
42 (1050)	4.50 (114)	5.58 (1.701)	5.58 (1.701)	1.0 (.800)	24 ⁷ / ₁₆ (622)	19 ³ / ₄ (501)	9.41 (2.869)	50 (23)	
48 (1200)	5.00 (127)	6.17 (1.881)	6.17 (1.881)	1.2 (0.930)	27 ⁵ / ₁₆ (696)	21 ³ / ₁₆ (538)	10.38 (3.164)	55 (25)	

GENERAL NOTES

1. THE COLLAR SHALL BE CONSTRUCTED ENTIRELY OF CLASS SI CONCRETE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 503 OF THE STANDARD SPECIFICATIONS. REINFORCEMENT BARS SHALL CONFORM TO SECTION 508.

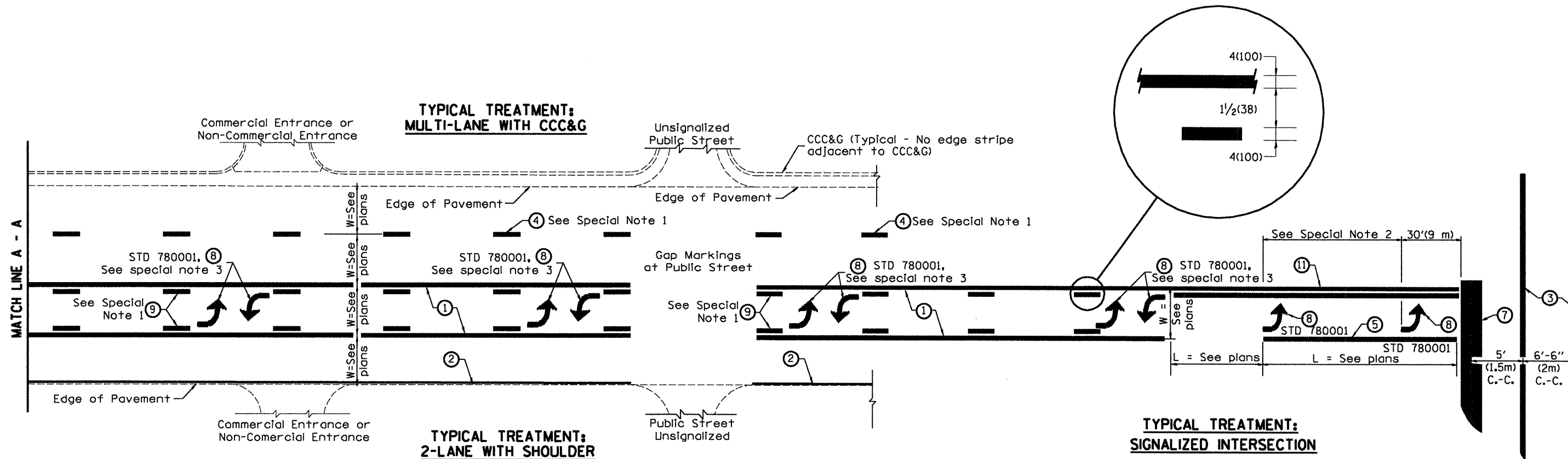
QUANTITIES	
CALC. BY: R. J. D.	2-2-98
CHECKED BY: R. D. H.	2-6-98
DATE:	
DATE:	

QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

01-01-97	RENUM. B-8.03, NEW REVISION BOX, REVISED	T.P.	09-01-00	CORRECT WEIGHT	J.A.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PIPE CULVERT EXTENSION COLLAR (WITHOUT END SECTION)	F.A.P. RTE. 318	SECTION 4W-2, RS-3	COUNTY PEORIA	TOTAL SHEETS 37	SHEET NO. 22
04-01-97	TITLE BOX, ADDED QUANTITY CALCULATION BOX	J.A.	10-16-06	REV. TO 2007 SPEC., CORRECT mm UNITS	M.A.							
02-10-98	CORRECT BAR	J.A.										
	REVISION QUANTITIES	J.A.				NOT TO SCALE	CADD STD. 542016-D4	CONTRACT NO. 68993				

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

F.A.P. RTE. 318	SECTION 4W-2, RS-3	COUNTY PEORIA	TOTAL SHEETS 37	SHEET NO. 22
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**FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE
WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION**

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m) min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m) min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A)
- ⑪ 4(100) Double Solid (Yellow) (See Table A)

SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80' (24 m).
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between BI Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.

01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.		
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.		
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

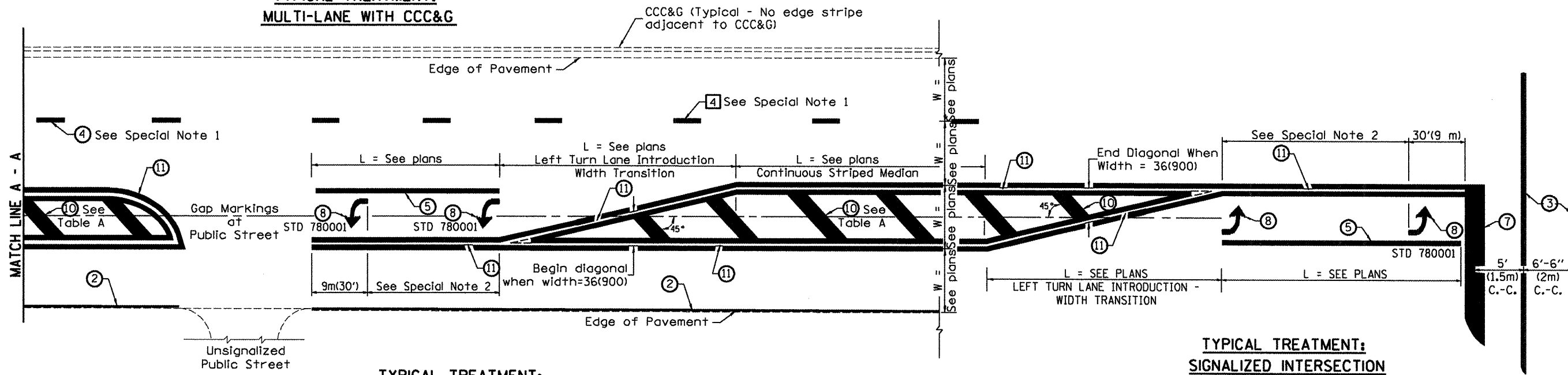
TYPICAL PAVEMENT MARKINGS

NOT TO SCALE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	4W-2, RS-3	PEORIA	37	23
CONTRACT NO. 68993				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

SHT. 1 OF 2
CADD STD. 780001-D4

**TYPICAL TREATMENT:
MULTI-LANE WITH CCC&G**



**TYPICAL TREATMENT:
2-LANE WITH SHOULDER**

TYPICAL MEDIAN TRANSITIONS

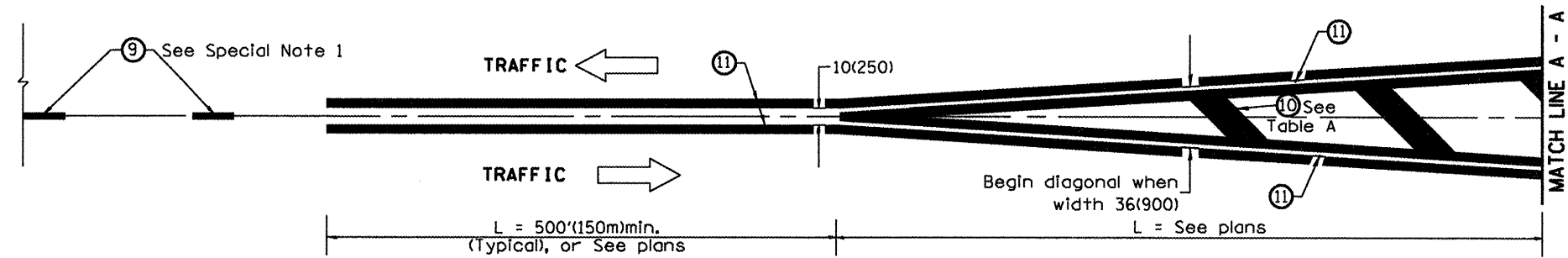
**TYPICAL TREATMENT:
SIGNALIZED INTERSECTION**

FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A

RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



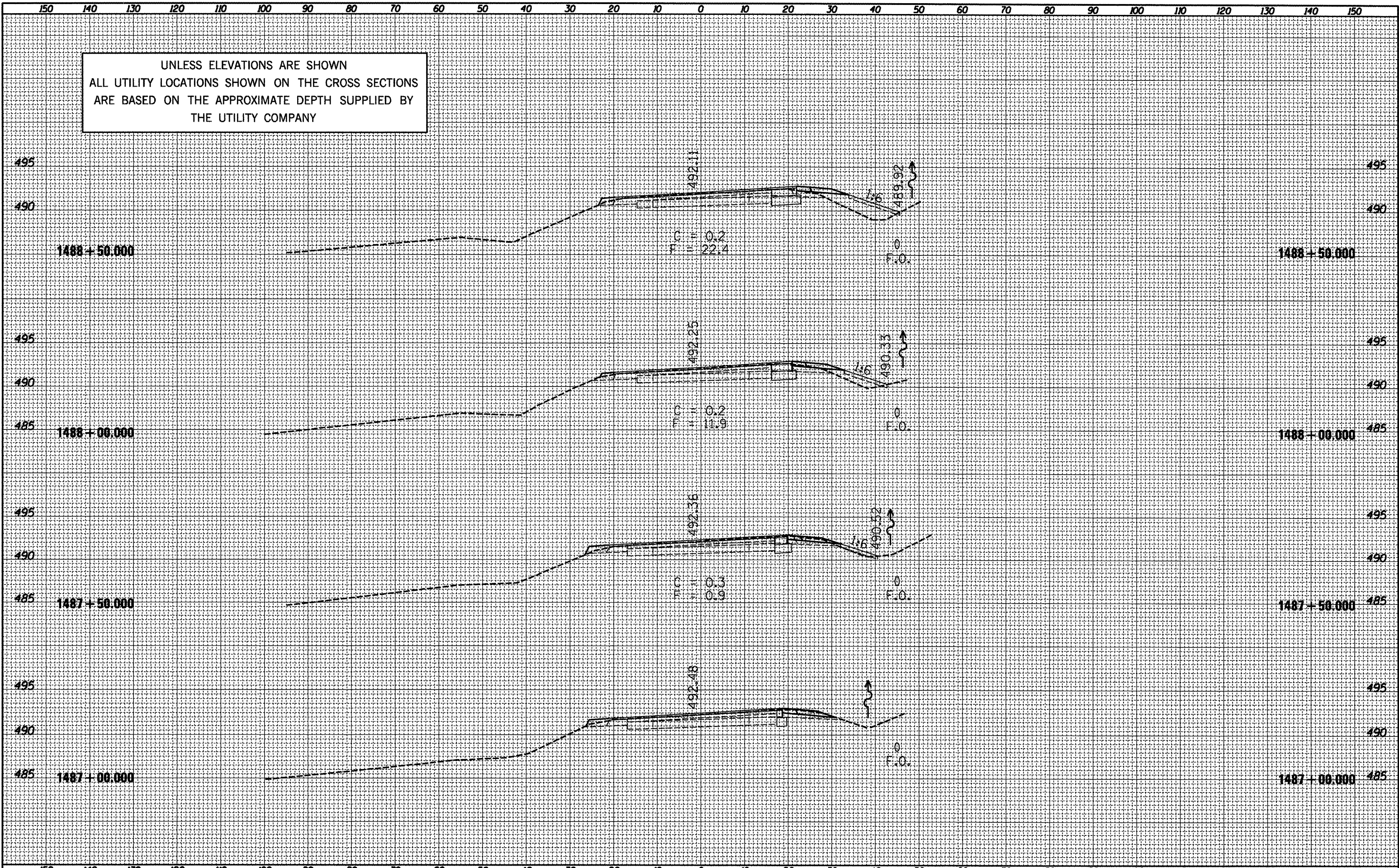
MEDIAN INTRODUCTION - WIDTH TRANSITIONS

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

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ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS
ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY
THE UTILITY COMPANY

BY	DATE
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

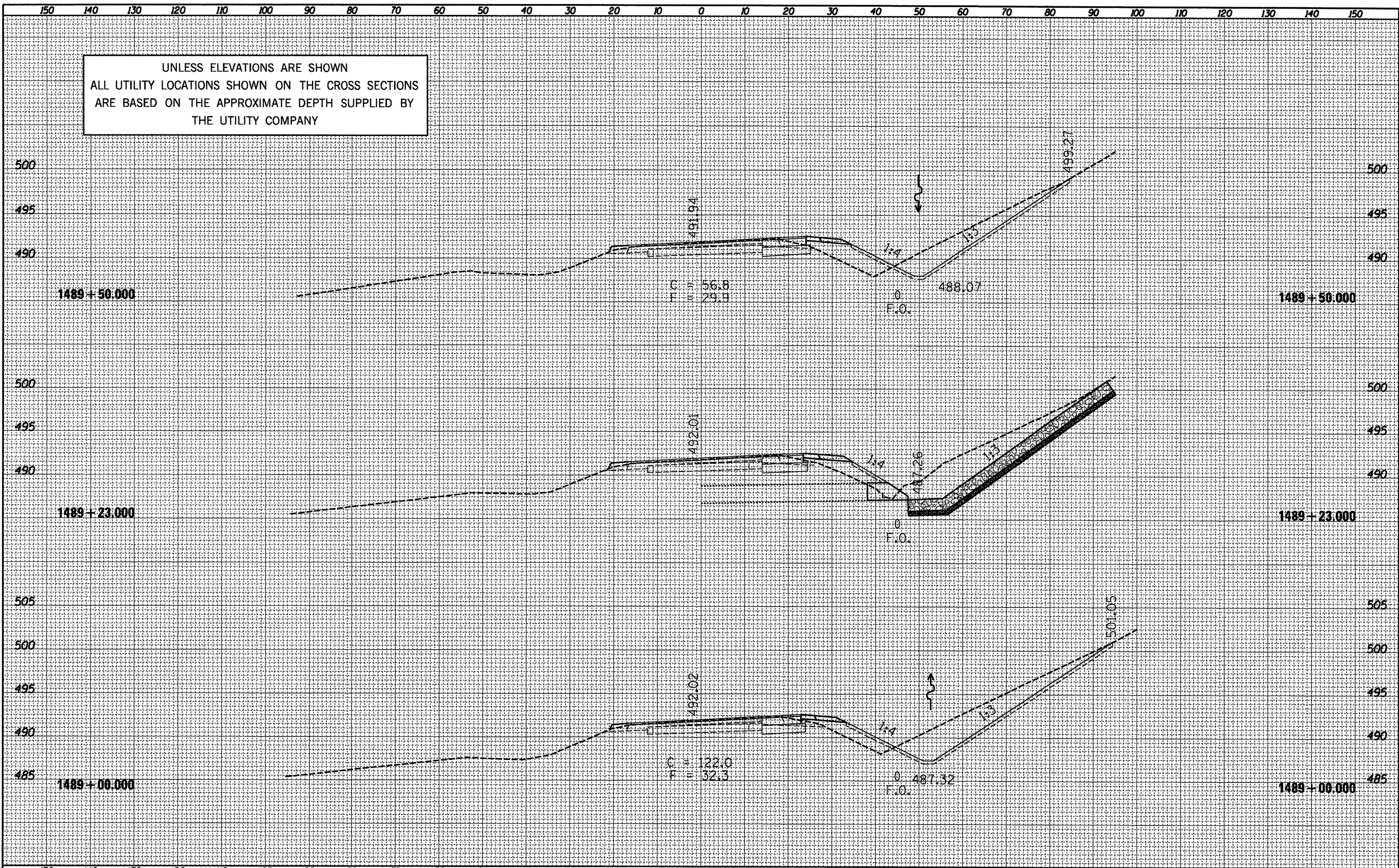
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F.A.P. RTE. 318	SECTION 4W-2, RS-3	COUNTY PEORIA	TOTAL SHEETS 37	SHEET NO. 25
CONTRACT NO. 68993			ILLINOIS FED. AID PROJECT	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 29

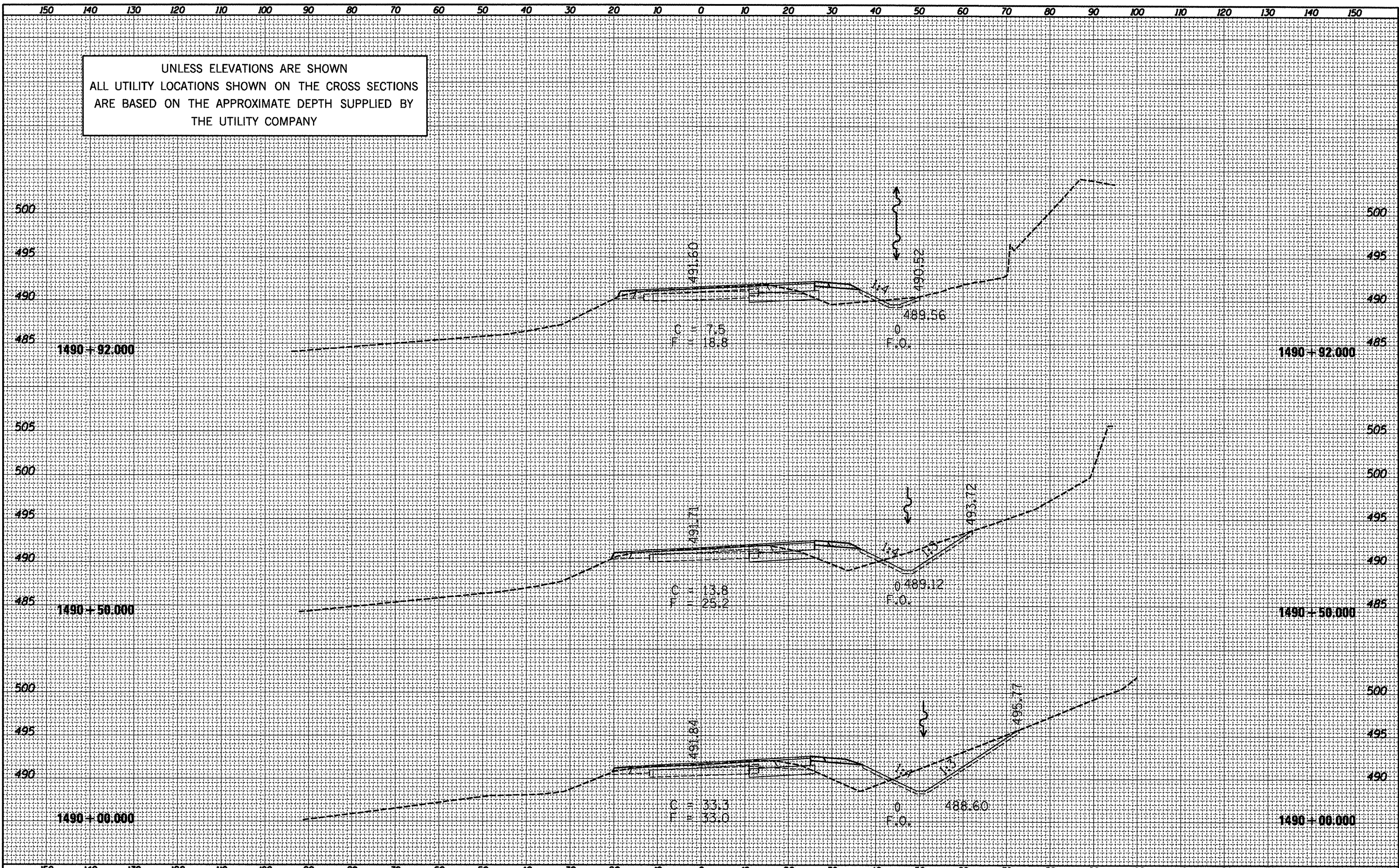
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CONTRACT NO. 68993				ILLINOIS FED. AID PROJECT

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

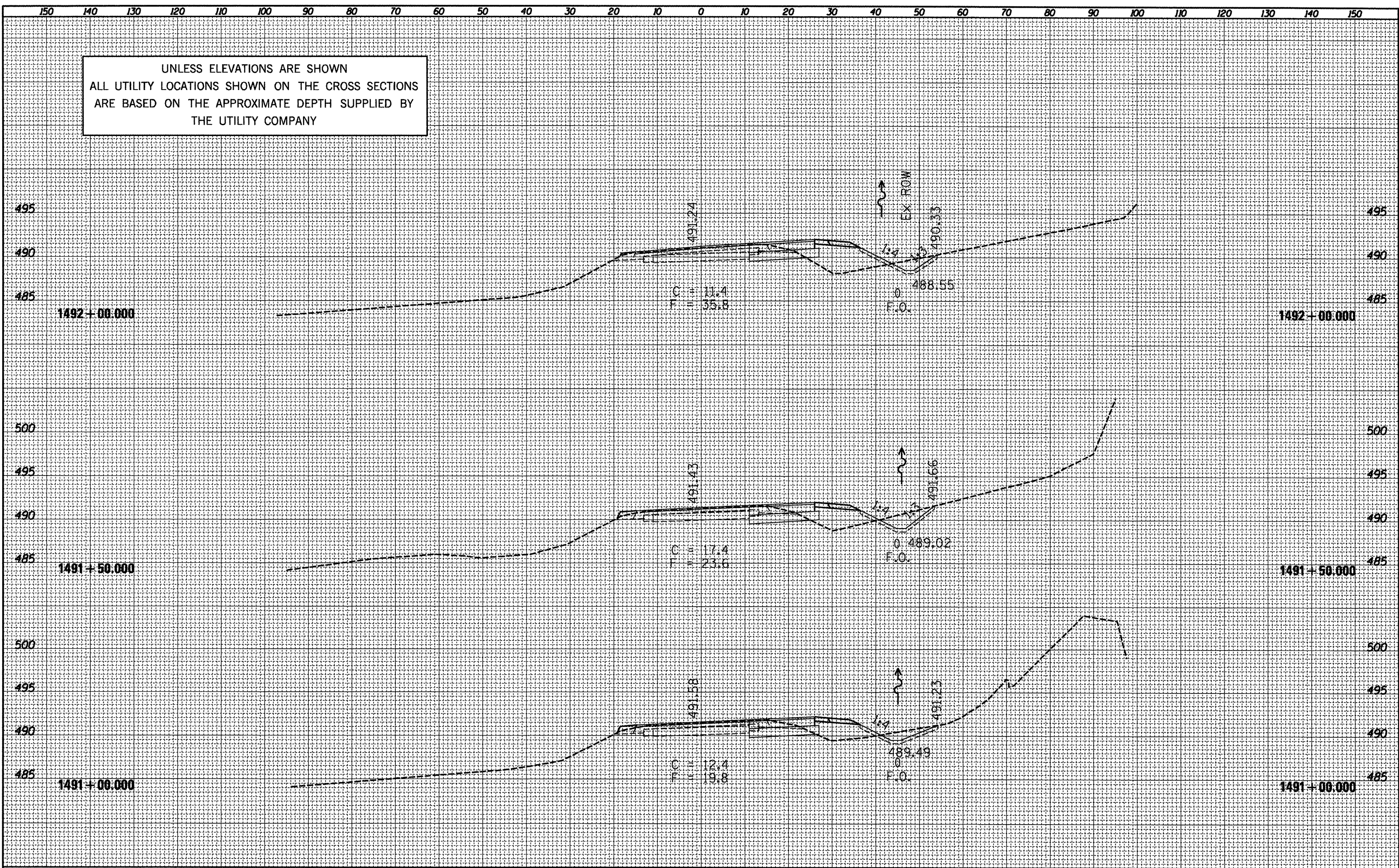
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CONTRACT NO. 68993				
ILLINOIS FED. AID PROJECT				

UNLESS ELEVATIONS ARE SHOWN
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

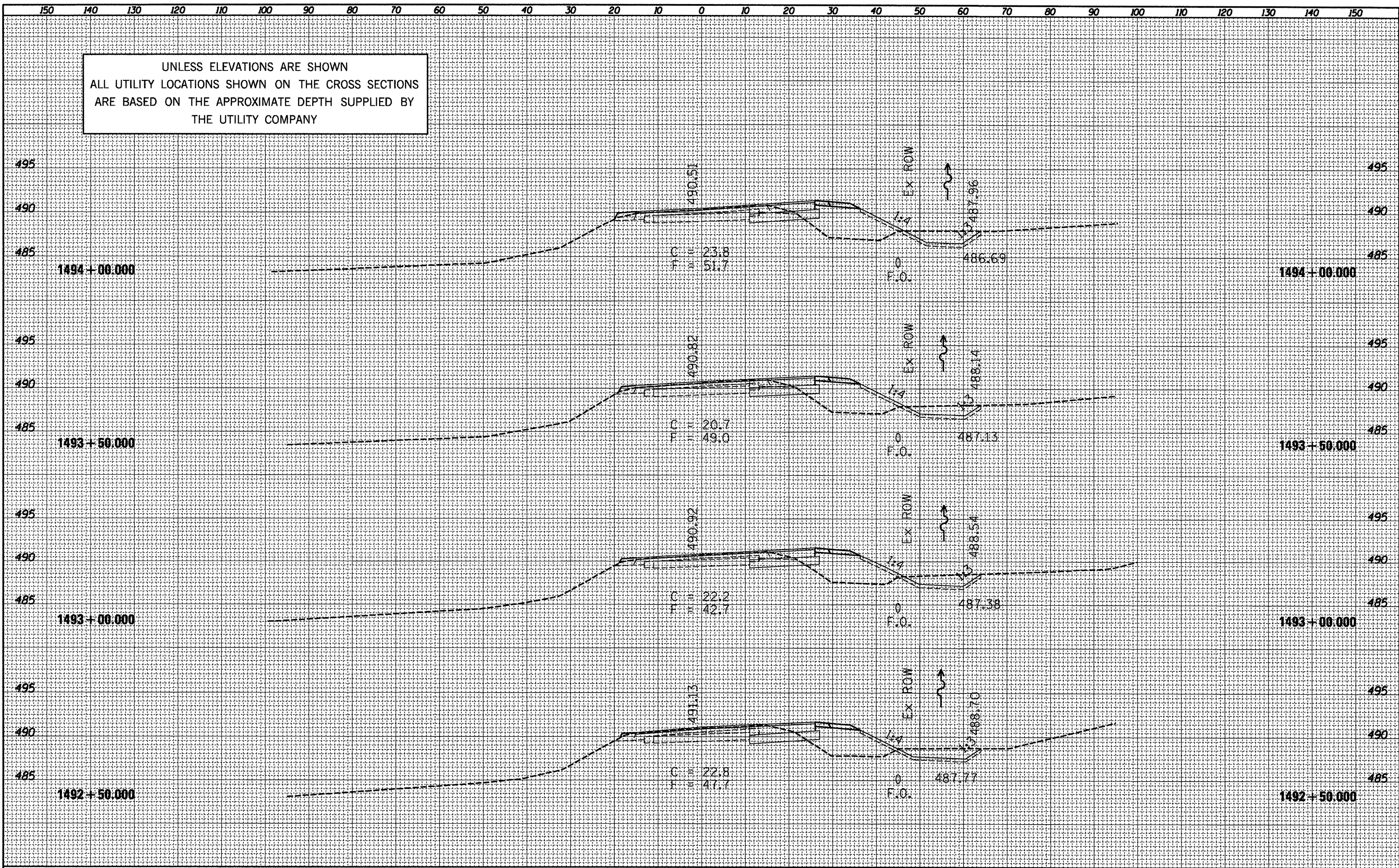
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F.A.P. RTE. 318	SECTION 4W-2, RS-3	COUNTY PEORIA	TOTAL SHEETS 37	SHEET NO. 28
CONTRACT NO. 68993				ILLINOIS FED. AID PROJECT

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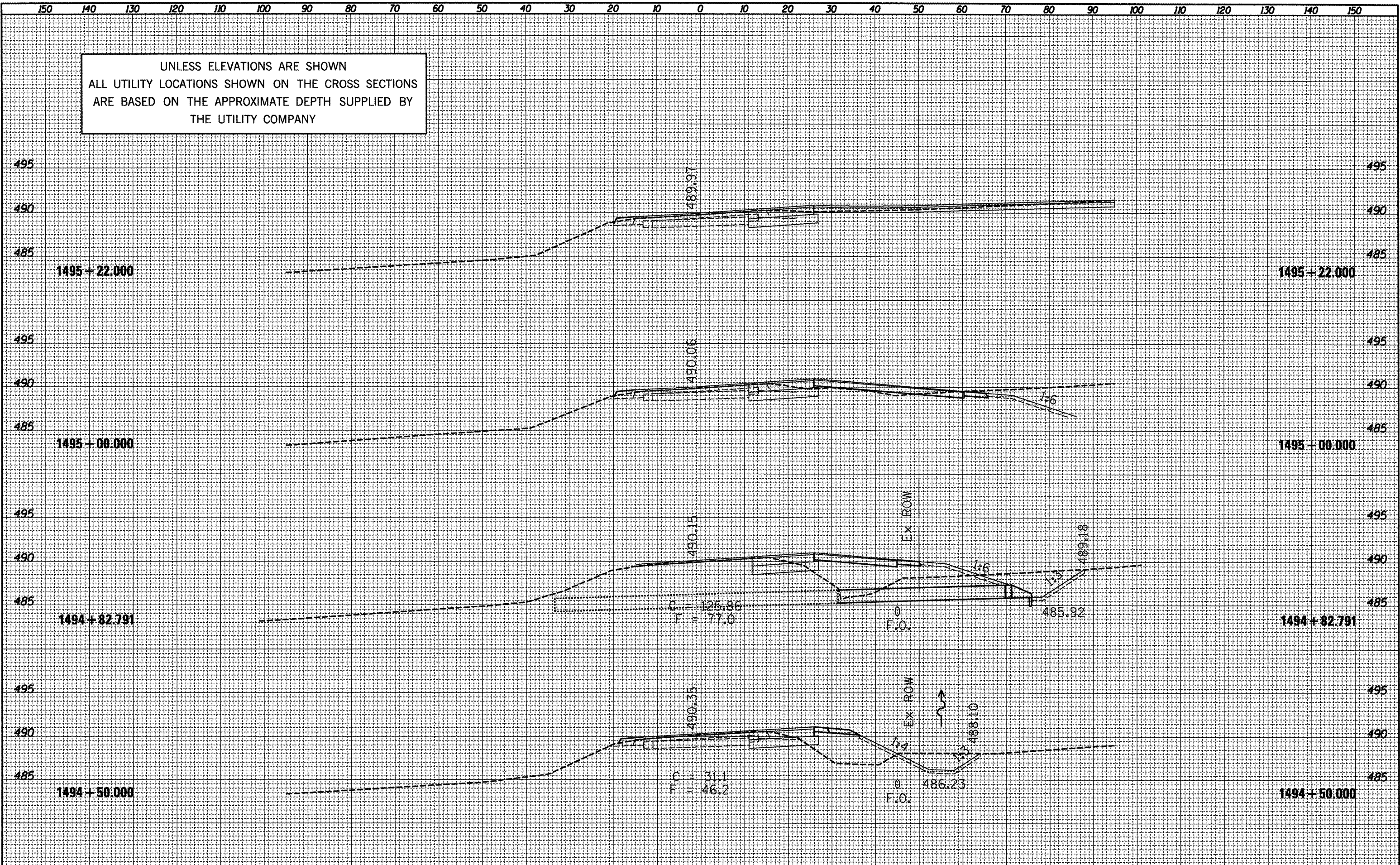
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CROSS SECTIONS - IL 29

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F.A.P. RTE. 318	SECTION 4W-2, RS-3	COUNTY PEORIA	TOTAL SHEETS 37	SHEET NO. 29
CONTRACT NO. 68993				
ILLINOIS FED. AID PROJECT				

UNLESS ELEVATIONS ARE SHOWN
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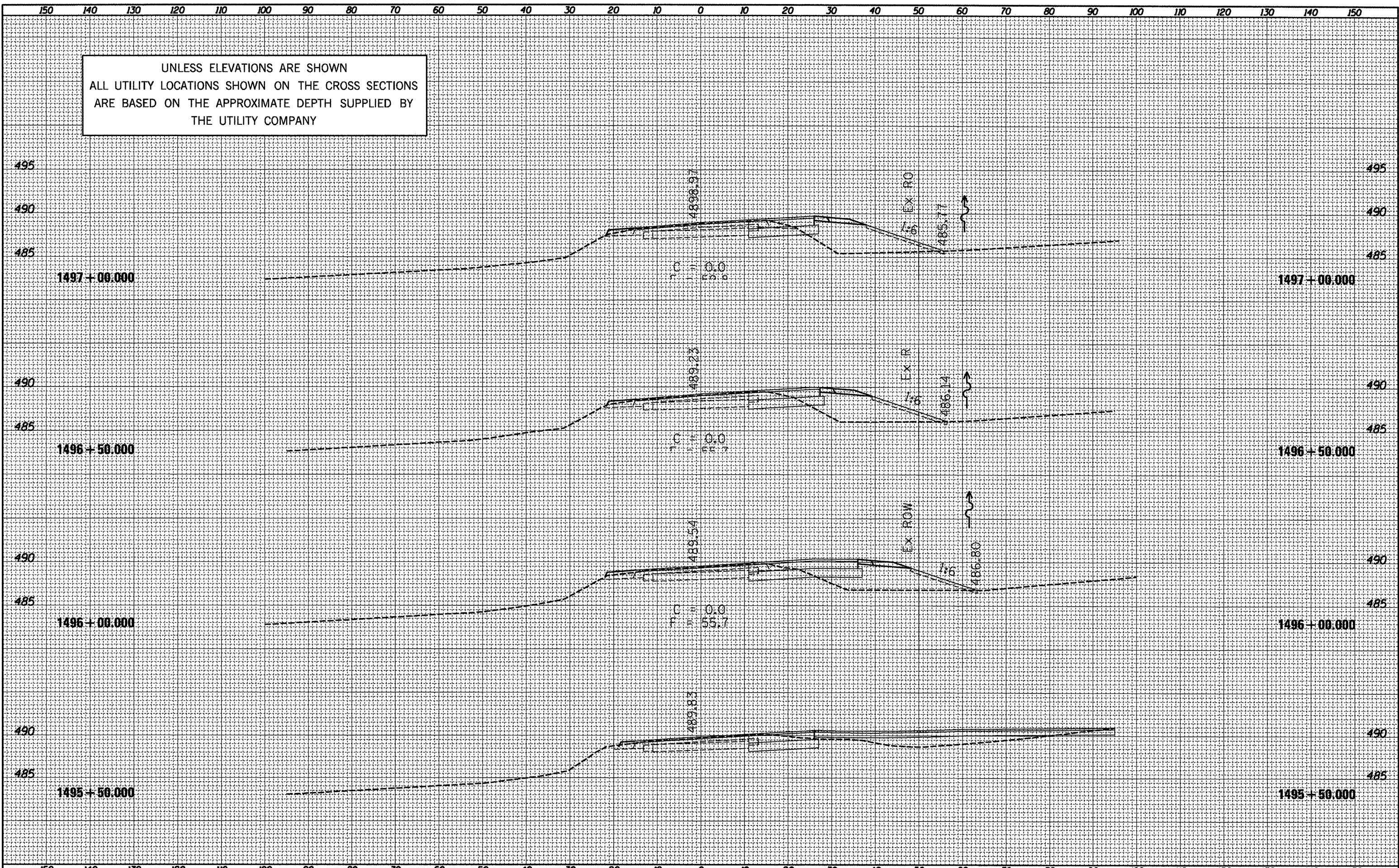
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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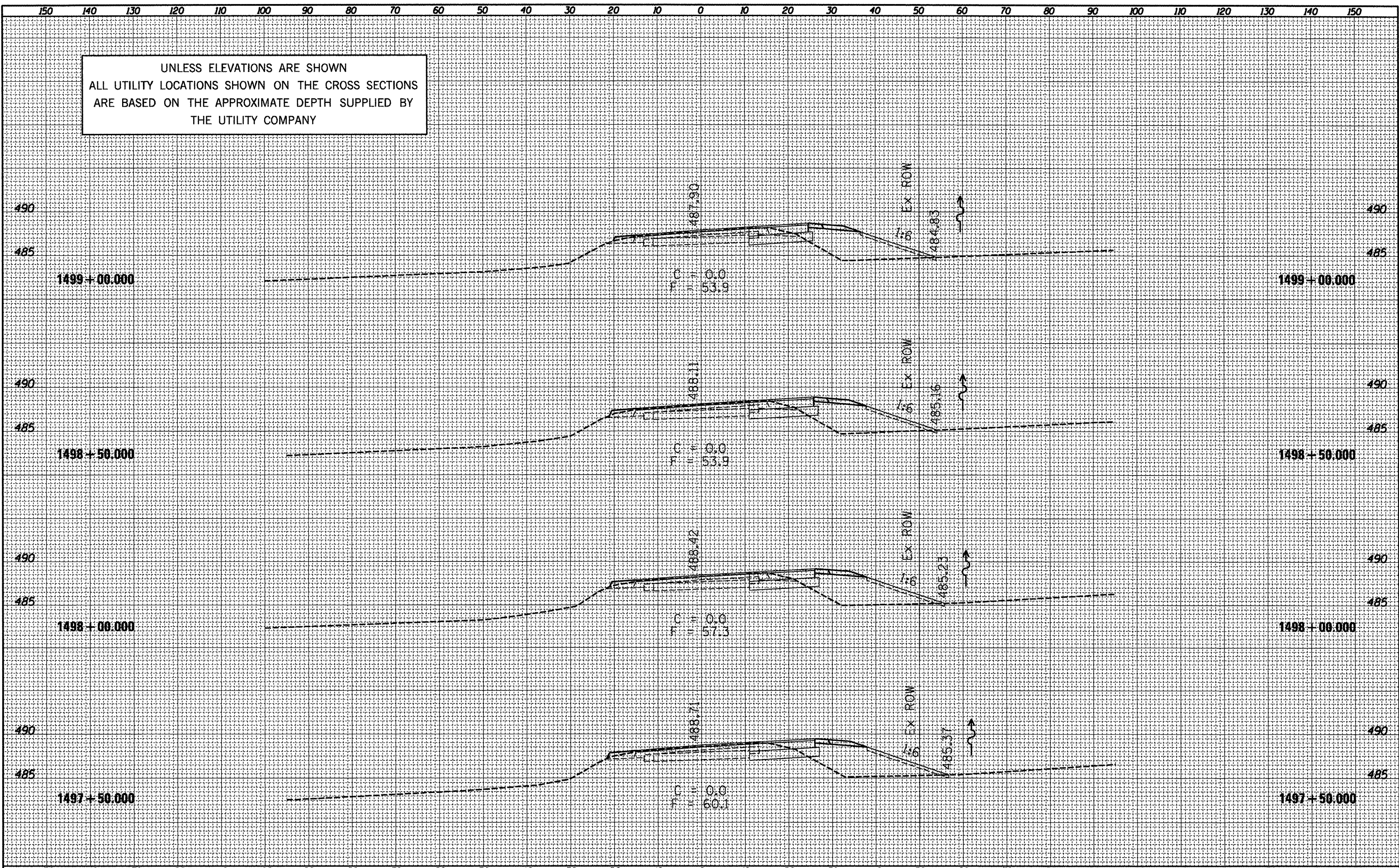
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F.A.P. RTE. 318	SECTION 4W-2, RS-3	COUNTY PEORIA	TOTAL SHEETS 37	SHEET NO. 31
CONTRACT NO. 68993			ILLINOIS FED. AID PROJECT	

UNLESS ELEVATIONS ARE SHOWN
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STATE OF ILLINOIS
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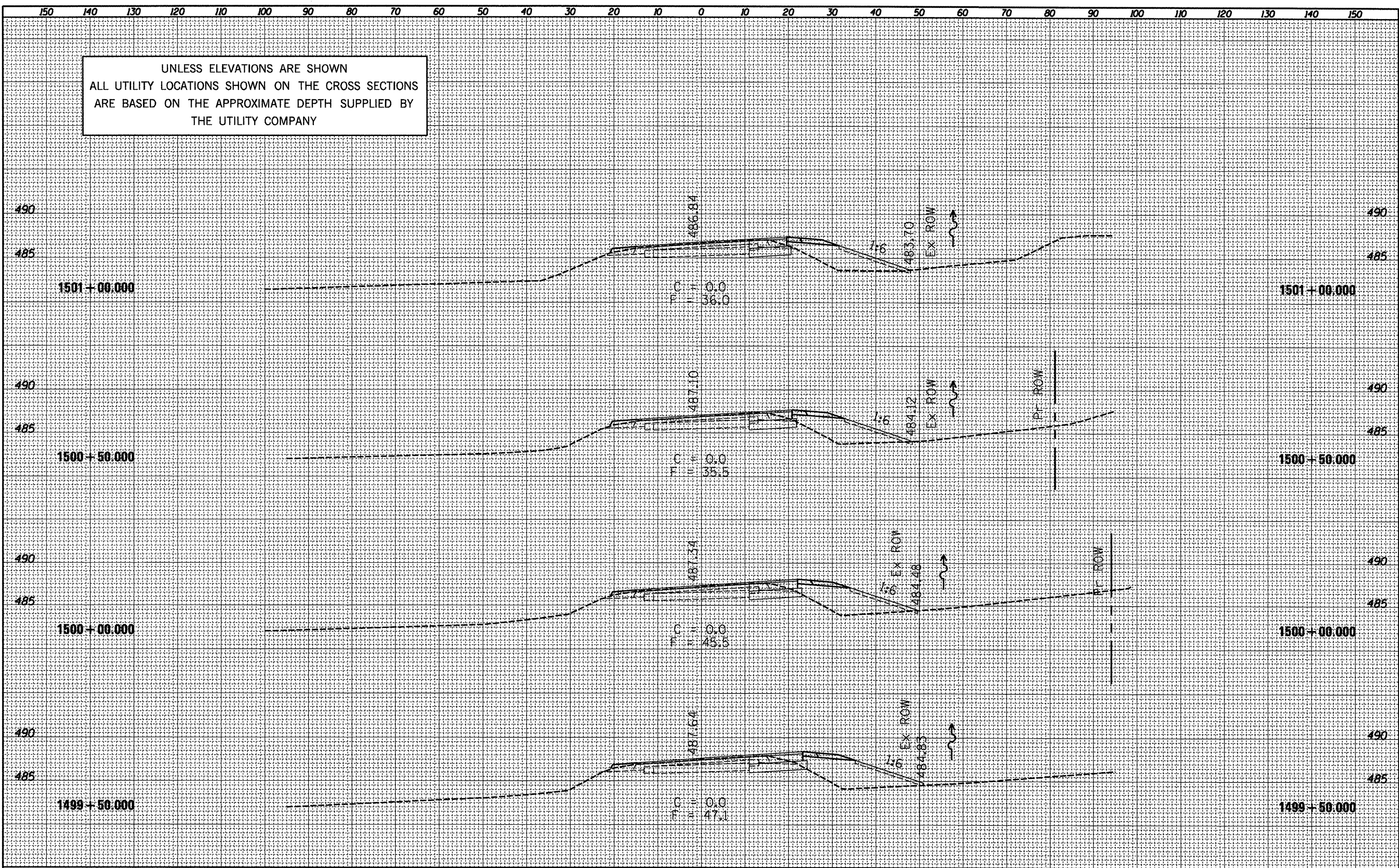
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F.A.P. RTE. 318	SECTION 4W-2, RS-3	COUNTY PEORIA	TOTAL SHEETS 37	SHEET NO. 32
CONTRACT NO. 68993				ILLINOIS FED. AID PROJECT

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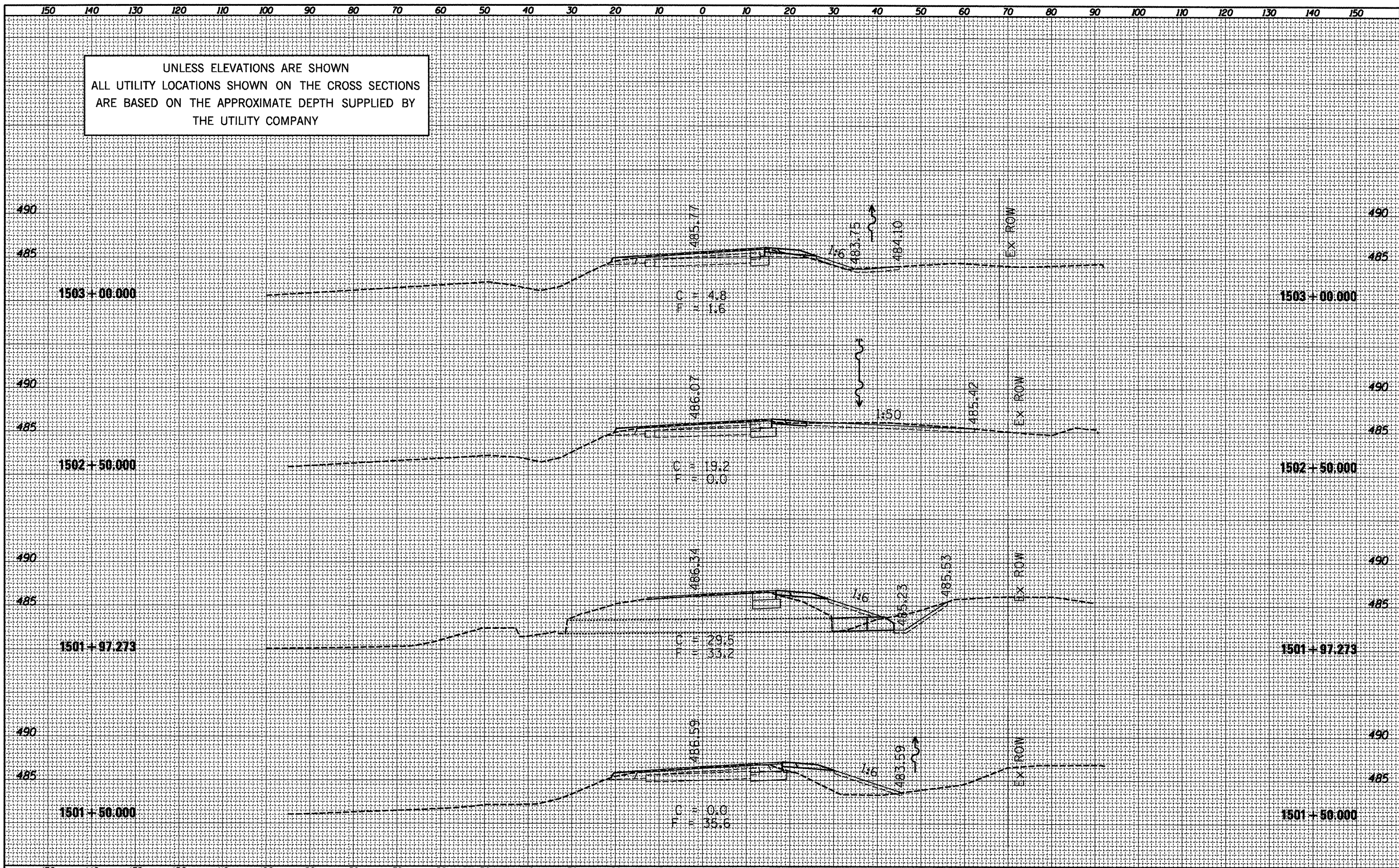
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UNLESS ELEVATIONS ARE SHOWN
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

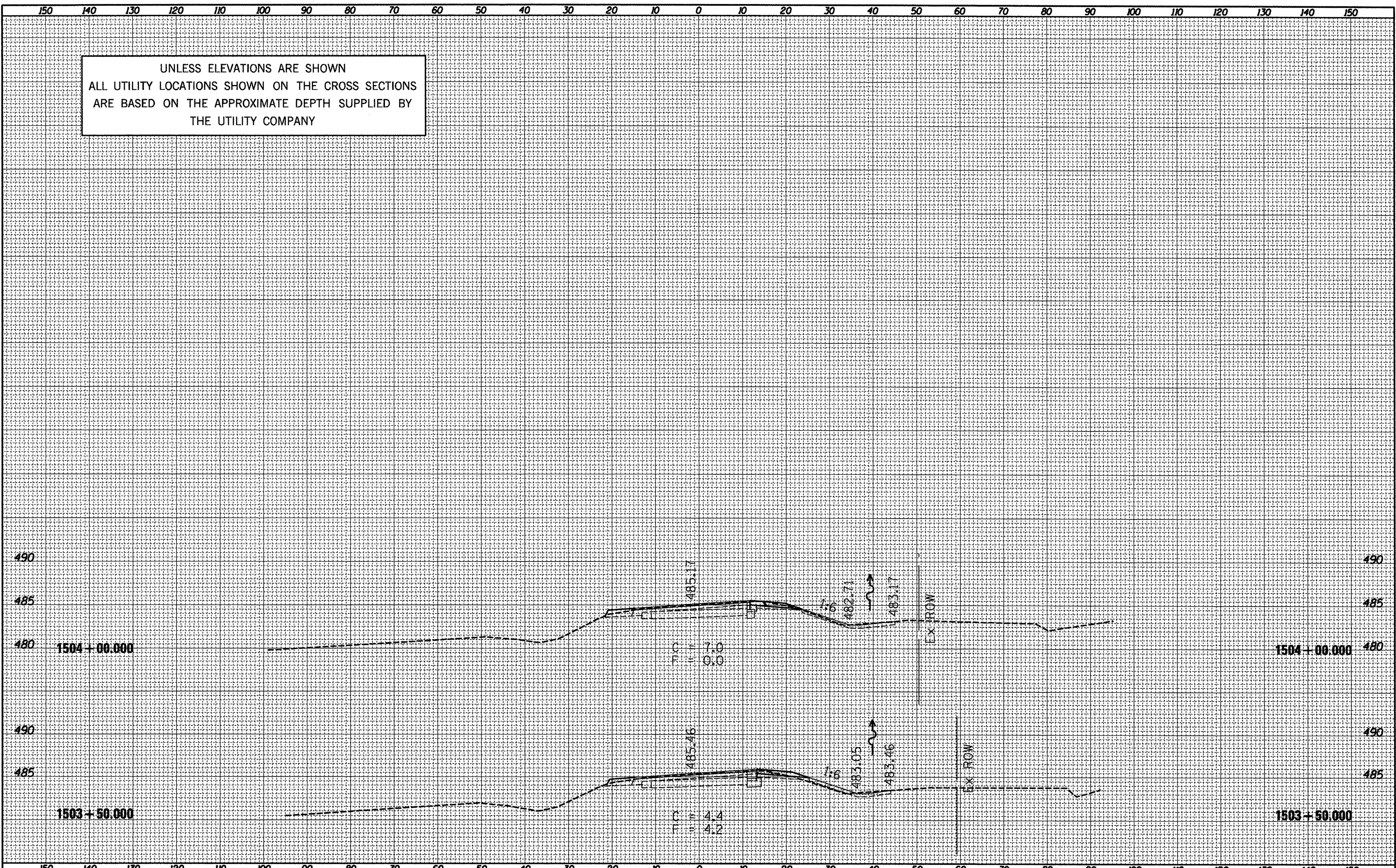
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F.A.P. RTE. 318	SECTION 4W-2, RS-3	COUNTY PEORIA	TOTAL SHEETS 37	SHEET NO. 34
CONTRACT NO. 68993			ILLINOIS FED. AID PROJECT	

UNLESS ELEVATIONS ARE SHOWN
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 THE UTILITY COMPANY

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NOTE BOOK	PLOTTED
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	AREAS CHECKED

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NOTE BOOK	PLOTTED
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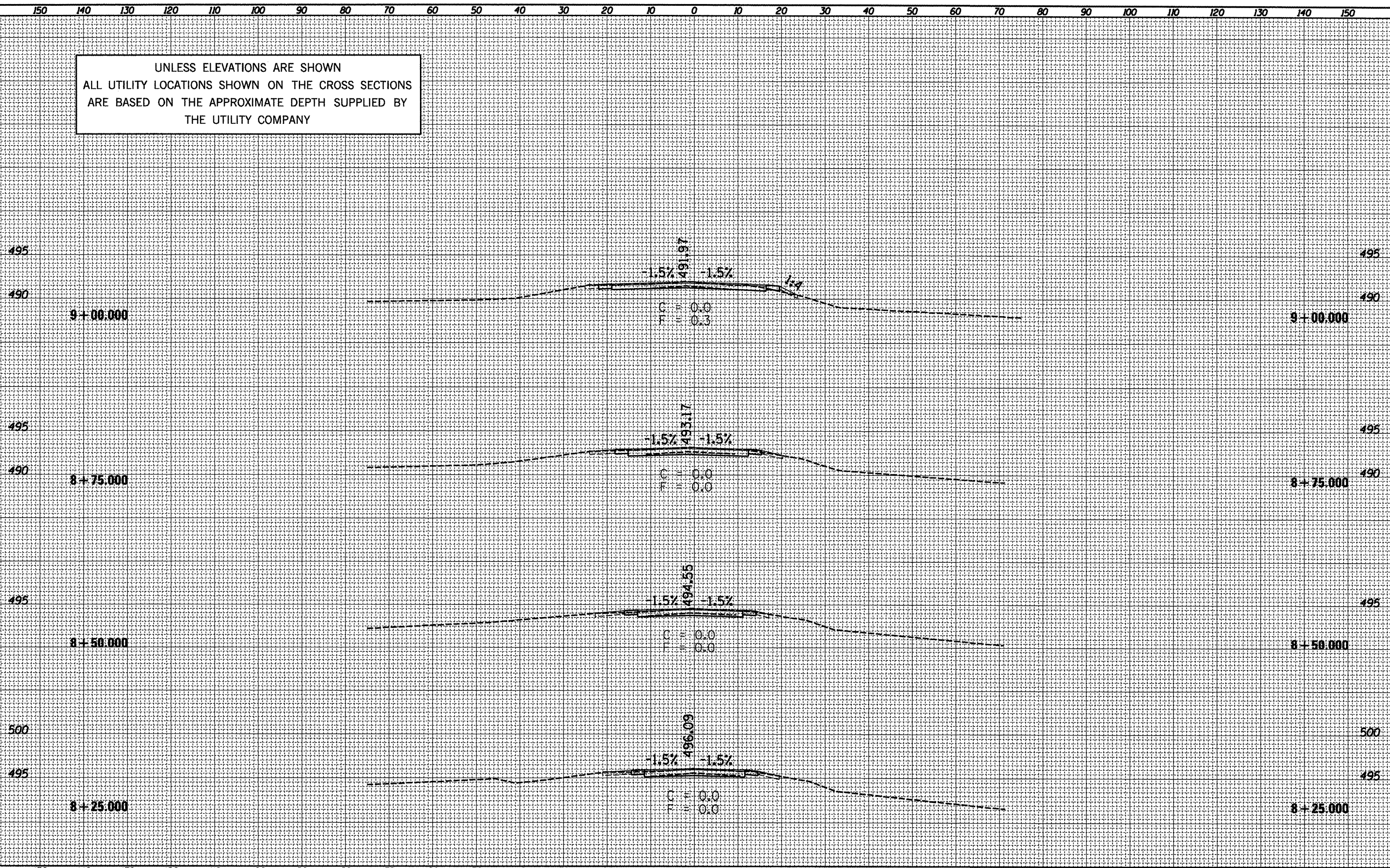
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - IL 29

SCALE: SHEET NO. OF SHEETS STA. 1503+50.000 TO STA. 1504+00.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	4W-2, RS-3	PEORIA	37	35
CONTRACT NO. 68993				
ILLINOIS FED. AID PROJECT				

UNLESS ELEVATIONS ARE SHOWN
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SURVEY	
PLotted	
TEMPLATE	
NOTE BOOK	
AREAS	
CHECKED	
NO.	

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

FILE NAME = D468993-shr-plan.dgn

USER NAME = hudeisonma
 PLOT SCALE = 20.0000' / IN.
 PLOT DATE = 3/14/2011

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

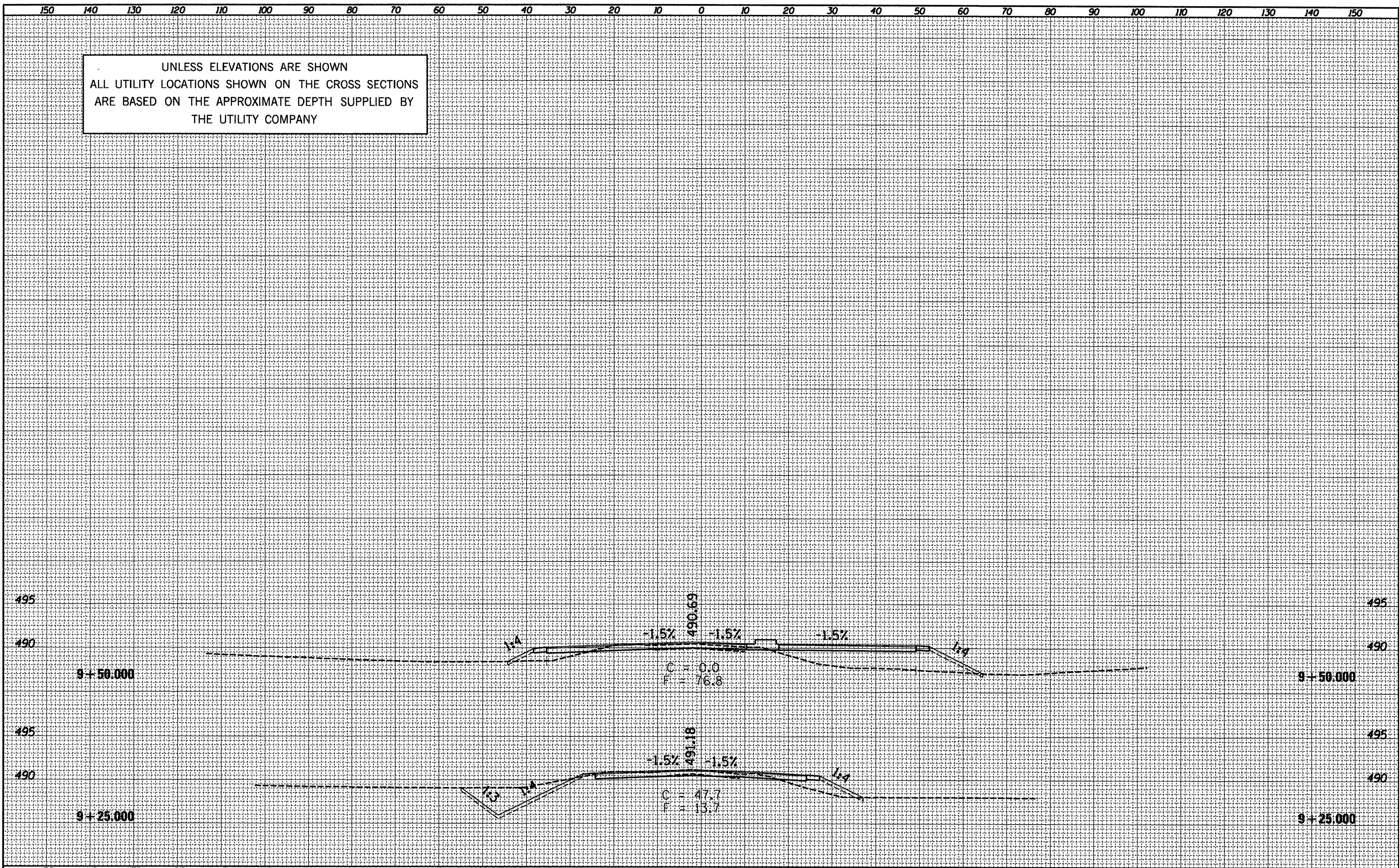
CROSS SECTIONS - HART LANE
 SCALE: SHEET NO. OF SHEETS STA. 8+25.000 TO STA. 9+00.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	4W-2, RS-3	PEORIA	37	36
				CONTRACT NO. 68993
ILLINOIS FED. AID PROJECT				

UNLESS ELEVATIONS ARE SHOWN
ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS
ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY
THE UTILITY COMPANY

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS	
CHECKED	
NO.	



FILE NAME =
0468993-shr-plan.dgn

USER NAME = hudelsonme
DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - HART LANE
SCALE: SHEET NO. OF SHEETS STA. 9+24.944 TO STA. 9+50.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	4W-2, RS-3	PEORIA	37	37
CONTRACT NO. 68993				
ILLINOIS FED. AID PROJECT				