

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

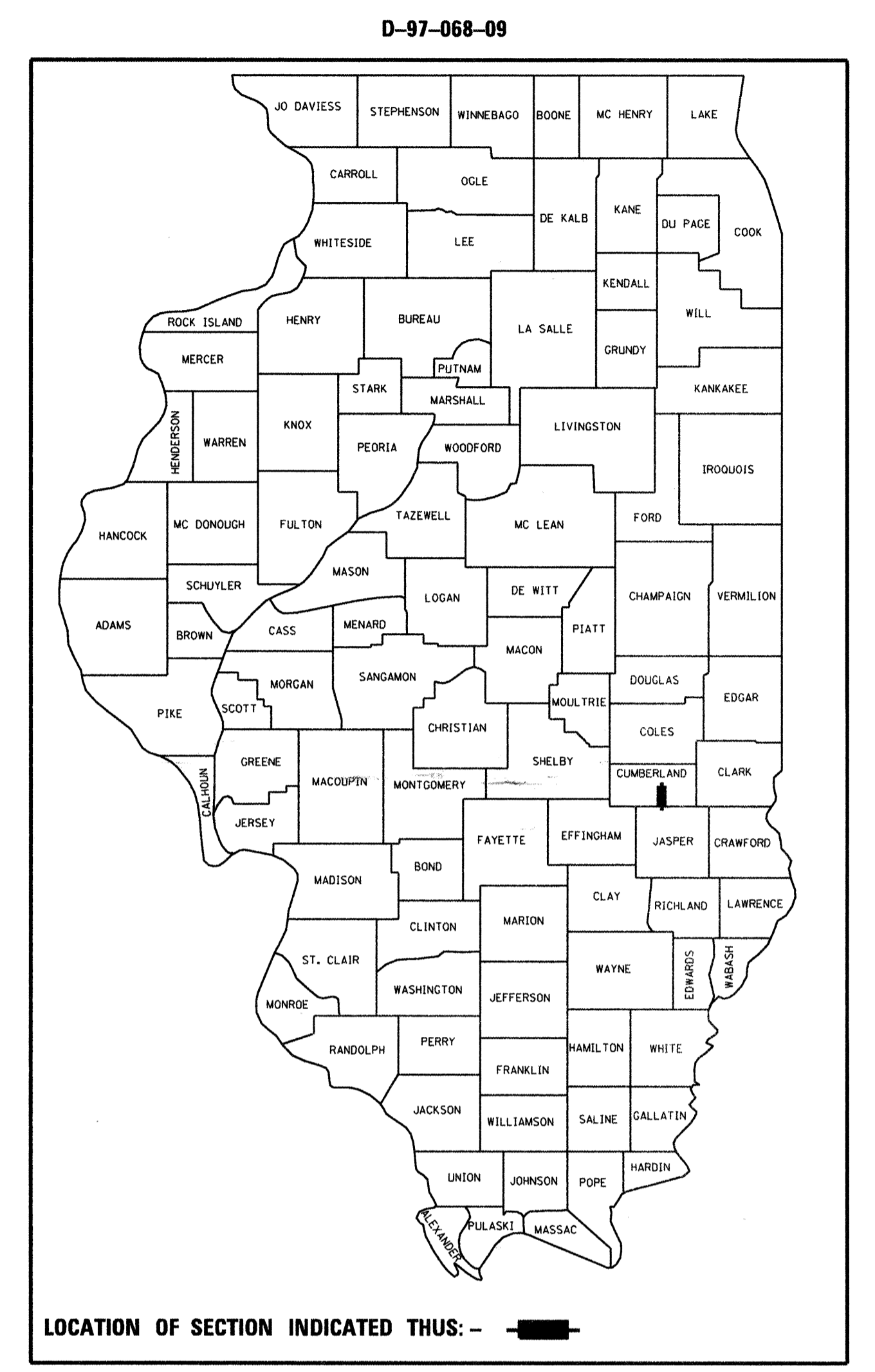
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(F-X)RS-1, (113,120)RS-1	CUMBERLAND	25	1
		ILLINOIS	CONTRACT NO. 74410	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATION EQUATION:
STA. 734 + 79.80 (BK) =
STA. 735 + 05.20 (AH)

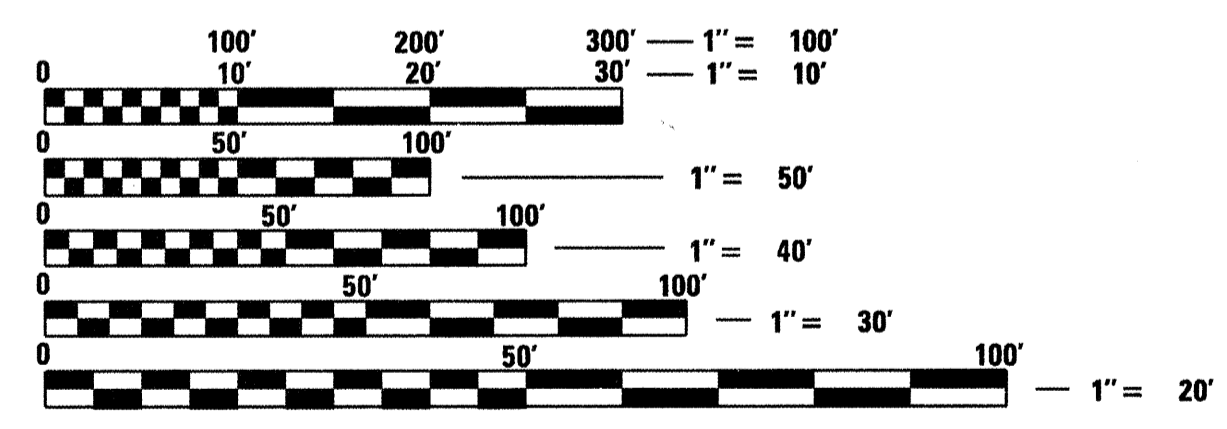
PAVING OMISSIONS:
STA. 497 + 73.00 TO STA. 499 + 48.00
STA. 706 + 63.00 TO STA. 709 + 64.00

F.A.P. ROUTE 116 (IL. RTE. 130)
SECTION (F-X)RS-1, (113,120)RS-1
PROJECT --
RESURFACING (3P)
CUMBERLAND COUNTY
C-97-124-09



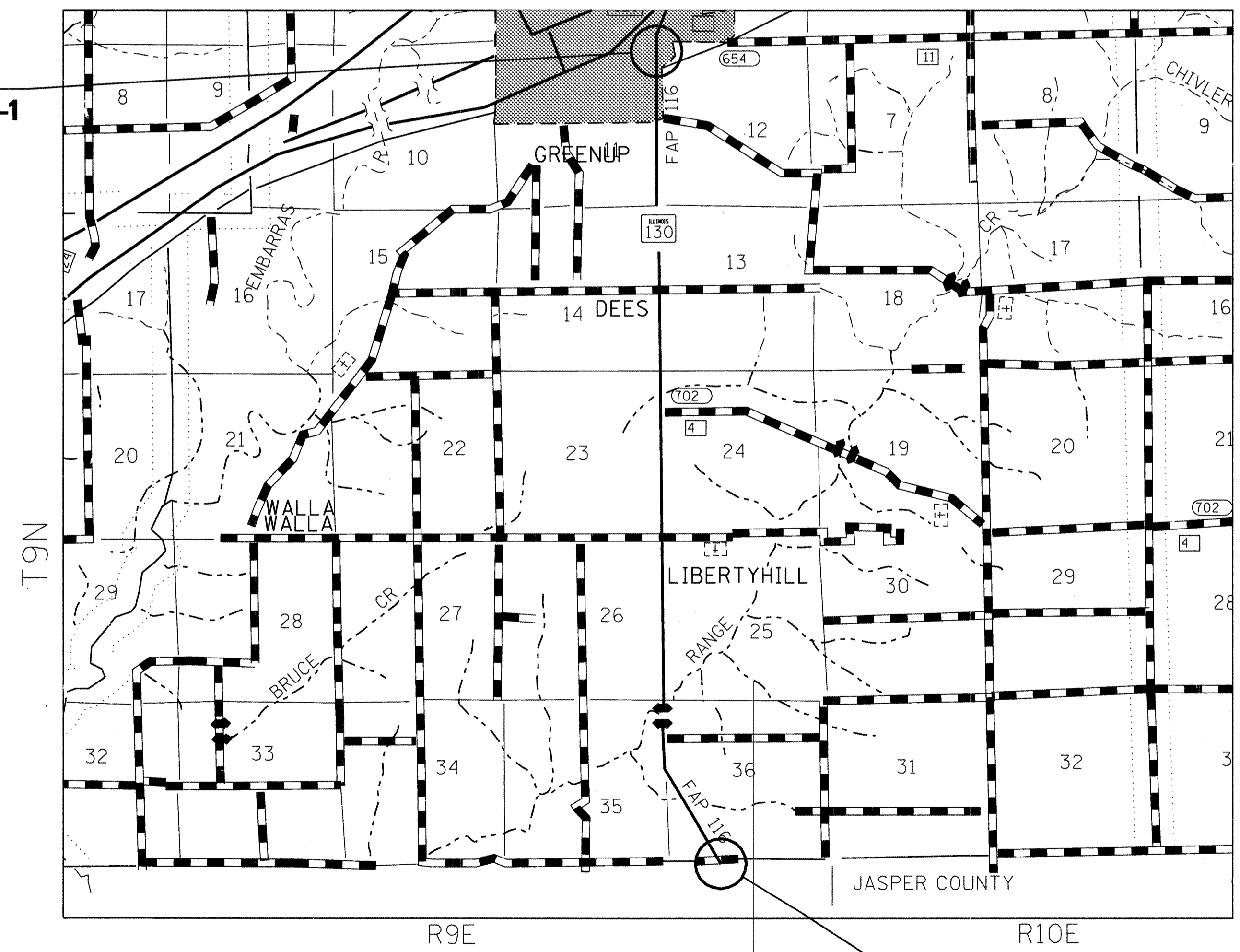
F.A.P. ROUTE 116 (IL. RTE. 130)
SECTION (F-X)RS-1, (113,120)RS-1
CUMBERLAND COUNTY
BEGINS STATION 459 + 50.00

2008 ADT = 2600



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: TOM RONAN
PROJECT MANAGER: JENNIFER WENTHE
CONTRACT NO. 74410

GROSS LENGTH = 30,224.6 FT. = 5.72 MILE
 NET LENGTH = 29,748.6 FT. = 5.63 MILE

F.A.P. ROUTE 116 (IL. RTE. 130)
SECTION (F-X)RS-1, (113,120)RS-1
CUMBERLAND COUNTY
ENDS STATION 762 + 00.00

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED January 26, 2010

Roger L. Quinell
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 19, 2010
Scott E. Stolt, P.E.
 ACTING ENGINEER OF DESIGN AND ENVIRONMENT

March 19, 2010
Christie M. Reed
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4-8	TYPICAL SECTIONS
9	DETAILS
10-11	SCHEDULE OF QUANTITIES
12	ENTRANCE SCHEDULE
13-14	TIE POINTS
15-25	PLAN SHEETS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 25:

STD. NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
406201-01	MAILBOX TURNOUT
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-03	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATIONS - DAY ONLY
701336-05	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS >= 45 MPH
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007; AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

THIS PROJECT IS LOCATED ON FAP ROUTE 116 (IL 130) IN CUMBERLAND COUNTY, FROM MARY LANE IN GREENUP TO THE JASPER COUNTY LINE. THE WORK INCLUDED IN SECTION (F-X)RS-1, (113,120)RS-1 CONSISTS OF PAVEMENT PATCHING, MILLING, HOT-MIX ASPHALT RESURFACING, AGGREGATE SHOULDERS, PAVEMENT MARKING, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

PAVEMENT MARKING SHALL BE APPLIED IN ACCORDANCE WITH SECTION 780 OF THE STANDARD SPECIFICATIONS. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED SURFACE, BITUMINOUS MATERIALS (PRIME COAT), AND HOT-MIX ASPHALT SURFACE COURSE AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. TEMPORARY TAPE SHALL BE USED ON THE SURFACE COURSE AND PAINT SHALL BE USED ON MILLED SURFACES.

THE TOTAL QUANTITY OF PAINT PAVEMENT MARKING-LINE 4" CONSISTS OF 55,490 FEET OF WHITE AND 19,844 FEET OF YELLOW.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING-LINE 4" CONSISTS OF 4,181 FEET OF WHITE AND 1,458 FEET OF YELLOW.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING-LINE 24" CONSISTS OF 88 FEET OF WHITE.

THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS IS 14 ONE-WAY AMBER AND 394 TWO-WAY AMBER.

THE EXISTING FIELD ENTRANCES HAVE 3' HOT-MIX ASPHALT APRONS ADJACENT TO THE EDGE OF PAVEMENT. THESE HOT-MIX ASPHALT APRONS SHALL BE OVERLAYED USING HOT-MIX ASPHALT SURFACE COURSE BY UTILIZING THE WIDTH EXTENSION ON THE PAVER AS IT PASSES THE FIELD ENTRANCES. THE HOT-MIX ASPHALT MATERIAL PLACED ON THE FIELD ENTRANCE APRONS SHALL BE PAID FOR AS HOT-MIX ASPHALT SURFACE COURSE.

DURING RESURFACING OPERATIONS IN GREENUP THE CONTRACTOR SHALL NOT OPERATE ROLLERS IN THE DYNAMIC MODE. ALL DENSITY REQUIREMENTS WILL REMAIN THE SAME.

THE MATERIAL USED FOR AGGREGATE SHOULDERS, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE, OR RAP. THE MATERIAL USED FOR AGGREGATE SURFACE COURSE, TYPE B SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

THE EXISTING PAVEMENT SHALL BE PATCHED IN ACCORDANCE WITH SECTION 442 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS. THE QUANTITY OF PATCHING SHOWN ON THE PLANS IS AN ESTIMATE ONLY AND THE FINAL LOCATIONS AND QUANTITY SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE PAY ITEM TEMPORARY RAMP HAS BEEN INCLUDED FOR THE CONSTRUCTION OF TEMPORARY RAMPS IN ACCORDANCE WITH ARTICLE 406.08 OF THE STANDARD SPECIFICATIONS. THE COST SHALL INCLUDE BOTH THE INSTALLATION AND THE REMOVAL OF THE TEMPORARY RAMPS.

TEMPORARY TAPERS WILL BE REQUIRED AFTER THE BITUMINOUS SURFACE REMOVAL OPERATION HAS BEEN PREFORMED AND ANY SUBSEQUENT RESURFACING OPERATION NEEDING TEMPORARY TAPERS. THE CONTRACTOR SHALL CONSTRUCT TEMPORARY TAPERS (MAX. 2 FEET IN LENGTH) AT ENTRANCES IN GUTTER AND CURB, GUTTER AREAS, AND AREAS THAT HAVE BEEN MILLED 2 1/4". THIS WORK SHALL PAID FOR AS TEMPORARY RAMP PER SQ YD.

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESSIBILITY TO THE HOT-MIX ASPHALT PLANT QUALITY CONTROL LAB SO THAT HOT-MIX ASPHALT PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL HOT-MIX ASPHALT ITEMS.

THE CONTRACTOR SHALL USE EITHER RC-70 OR AN EMULSIFIED POLYMER PRIME SS-1HP FOR THE PAY ITEM BITUMINOUS MATERIALS (PRIME COAT).

A UNIFORMLY STRAIGHT SAW CUT SHALL BE MADE AT LOCATIONS WHERE PROPOSED NEW CONSTRUCTION WILL ABUT EXISTING HOT-MIX ASPHALT SURFACES. THE SAW CUT SHALL BE MADE FULL DEPTH THROUGH THE EXISTING SURFACE. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT ITEMS INVOLVED AND NO EXTRA COMPENSATION WILL BE ALLOWED.

THE PAY ITEM HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4" ASSUMES USING TWO PASSES TO ALLEVIATE THE 2" LANE DIFFERENTIAL.

GENERAL NOTES (Cont'd)

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE:	SURFACE COURSE (SOUTH OF STATION 479+30)	
PG GRADE:	PG 64-22	
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70	
MIXTURE COMPOSITION:	IL-9.5	
FRICITION AGGREGATE:	MIXTURE C	
MIXTURE USE:	LEVEL BINDER (SOUTH OF STATION 479+30)	
PG GRADE:	PG 64-22	
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70	
MIXTURE COMPOSITION:	IL-9.5	
FRICITION AGGREGATE:	N/A	
MIXTURE USE:	SURFACE COURSE (STA. 459+50 TO STA. 479+30)	
PG GRADE:	SBS PG 70-22	
DESIGN AIR VOIDS:	4% @ NDESIGN = 90	
MIXTURE COMPOSITION:	IL-9.5	
FRICITION AGGREGATE:	MIXTURE C	
MIXTURE USE:	LEVEL BINDER (STA. 459+50 TO STA. 479+30)	
PG GRADE:	PG 64-22	
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 90	
MIXTURE COMPOSITION:	IL-9.5	
FRICITION AGGREGATE:	N/A	
MIXTURE USE:	INCIDENTAL	HMA SHOULDERS
PG GRADE:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70	4.0% @ NDESIGN = 70
MIXTURE COMPOSITION:	IL-9.5	IL-9.5
FRICITION AGGREGATE:	MIXTURE C	MIXTURE C
MIXTURE USE:	PAVEMENT PATCHING	PARTIAL DEPTH PATCHING
PG GRADE:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70	4.0% @ NDESIGN = 70
MIXTURE COMPOSITION:	IL-19.0	IL-19.0
FRICITION AGGREGATE:	N/A	N/A

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN THE CALCULATING PLAN QUANTITIES:

AGGREGATE SURFACE COURSE	2.05 TONS/CU YD
AGGREGATE SHOULDERS	2.05 TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.10 GAL/SQ YD
AGGREGATE (PRIME COAT)	4 LBS/SQ YD
HOT-MIX ASPHALT	112 LBS/SQ YD/INCH

• (F-X)RS-1, (113,120)RS-1

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS GENERAL NOTES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
410-sht-index.dgn	410-sht-index.dgn	DRAWN -	REVISED -		116		CUMBERLAND	25	2			
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 74410							
PLOT DATE = 1/20/2010		DATE -	REVISED -		SCALE: NA	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES			100% STATE	CONSTRUCTION TYPE CODE
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	1000
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	62	62
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	17725	17725
40600300	AGGREGATE (PRIME COAT)	TON	178	178
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	3375	3375
40600645	LEVELING BINDER (MACHINE METHOD), N90	TON	367	367
40600895	CONSTRUCTING TEST STRIP	EACH	1	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	303	303
40600990	TEMPORARY RAMP	SQ YD	569	569
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	6794	6794
40603520	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90	TON	628	628
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	231	231
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	1256	1256
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	24642	24642
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	63051	63051
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	1065	1065
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	406	406
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	364	364
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1550	1550
48203100	HOT-MIX ASPHALT SHOULDERS	TON	105	105
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	3	3
67100100	MOBILIZATION	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	12256	12256
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	80973	80973
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	88	88
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1021	1021
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5639	5639
*78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	88	88
*78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	75334	75334
*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	394	394
X4421000	PARTIAL DEPTH PATCHING	TON	2766	2766
X4422000	PARTIAL DEPTH REMOVAL (VARIABLE DEPTH)	SQ YD	12350	12350
Z0025500	FURNISHING AND INSTALLING PROPERTY MARKERS	EACH	11	11

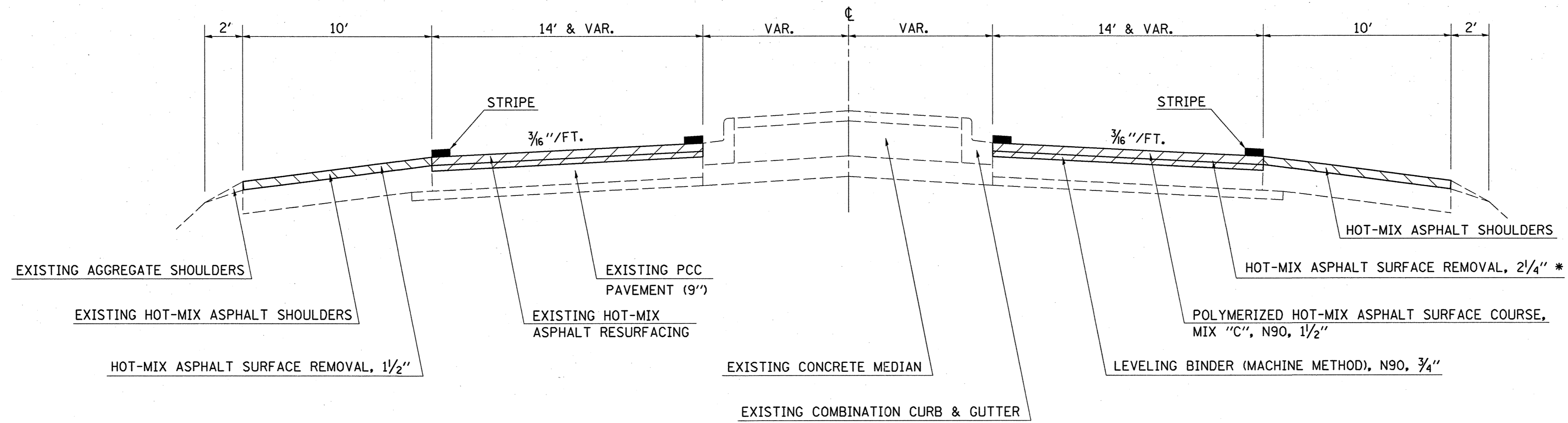
* SPECIALTY ITEMS

• (F-XIRS-1, (113,120)RS-1

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	PLOT DATE = 1/20/2010	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

TYPICAL CROSS SECTION

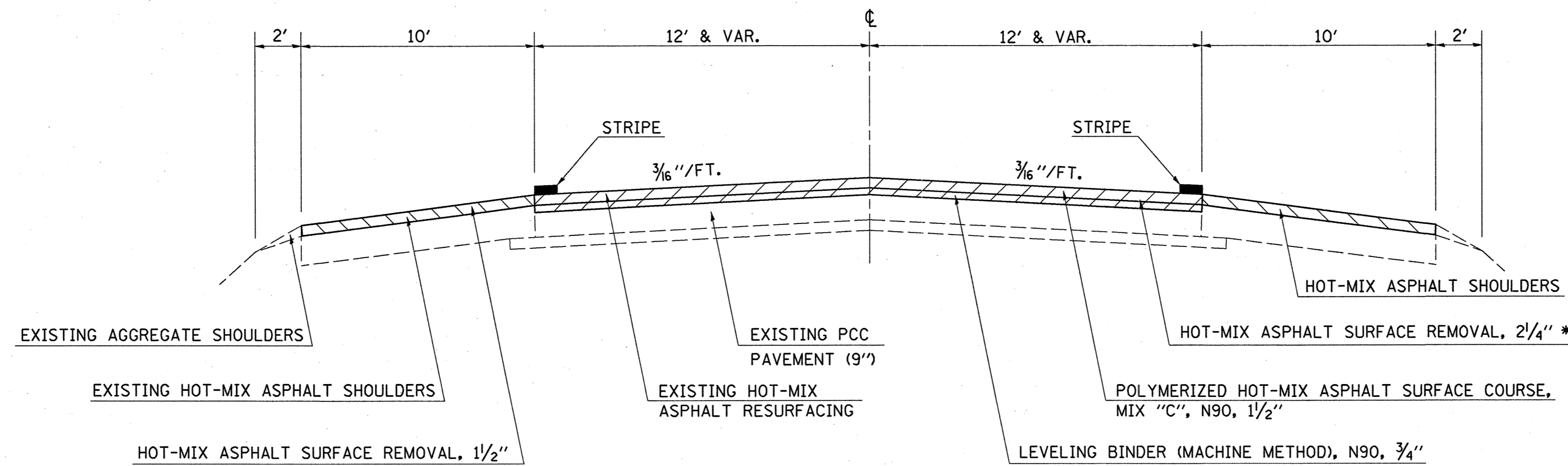
STATION 459+50 TO STATION 462+25



* TO BE COMPLETED IN TWO PASSES

TYPICAL CROSS SECTION

STATION 462+25 TO STATION 465+15



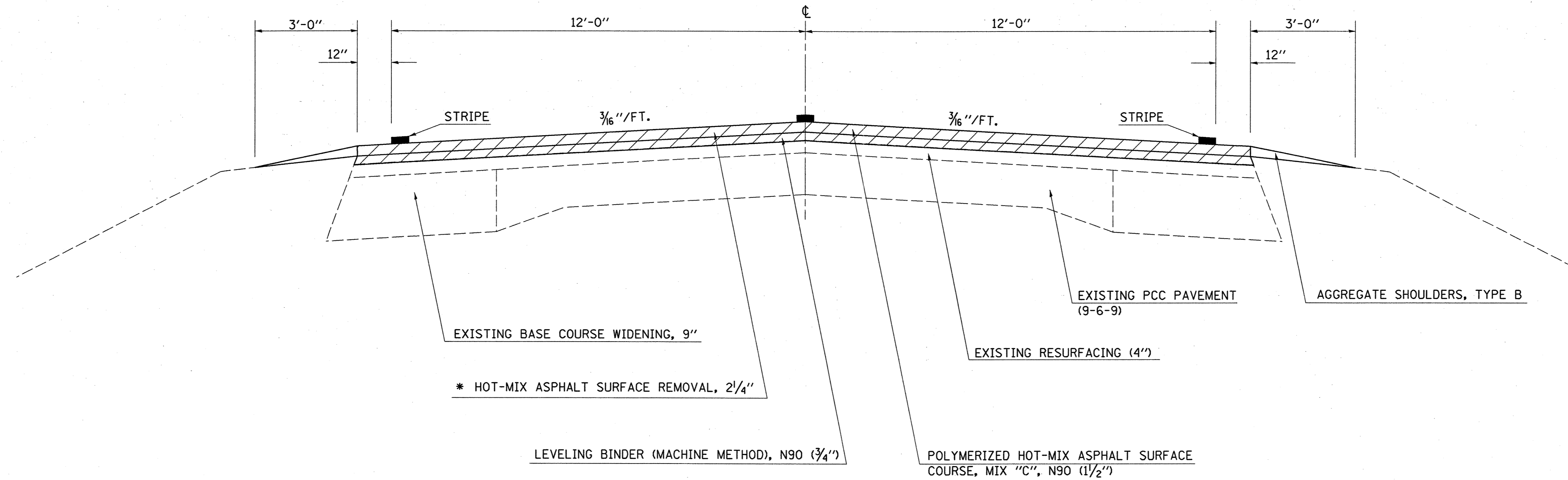
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• (F-XIRS-1, (113,120)RS-1

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PLOT DATE = 1/21/2010		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

TYPICAL CROSS SECTION

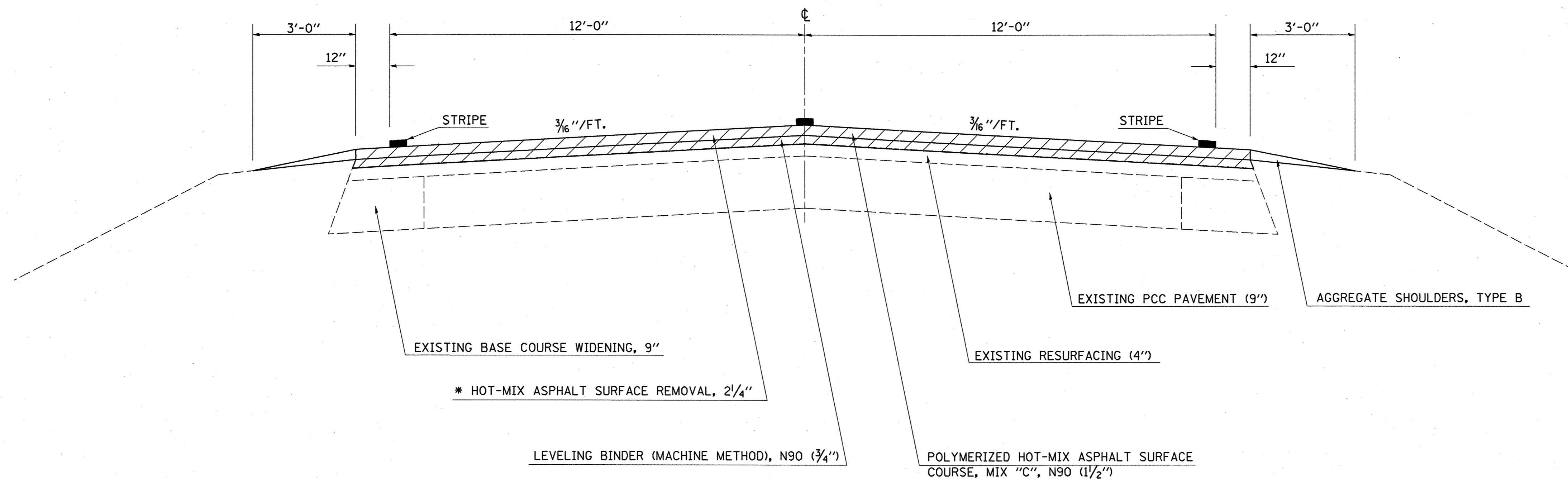
STATION 465+15 TO STATION 473+81



* TO BE COMPLETED IN TWO PASSES

TYPICAL CROSS SECTION

STATION 473+81 TO STATION 479+30



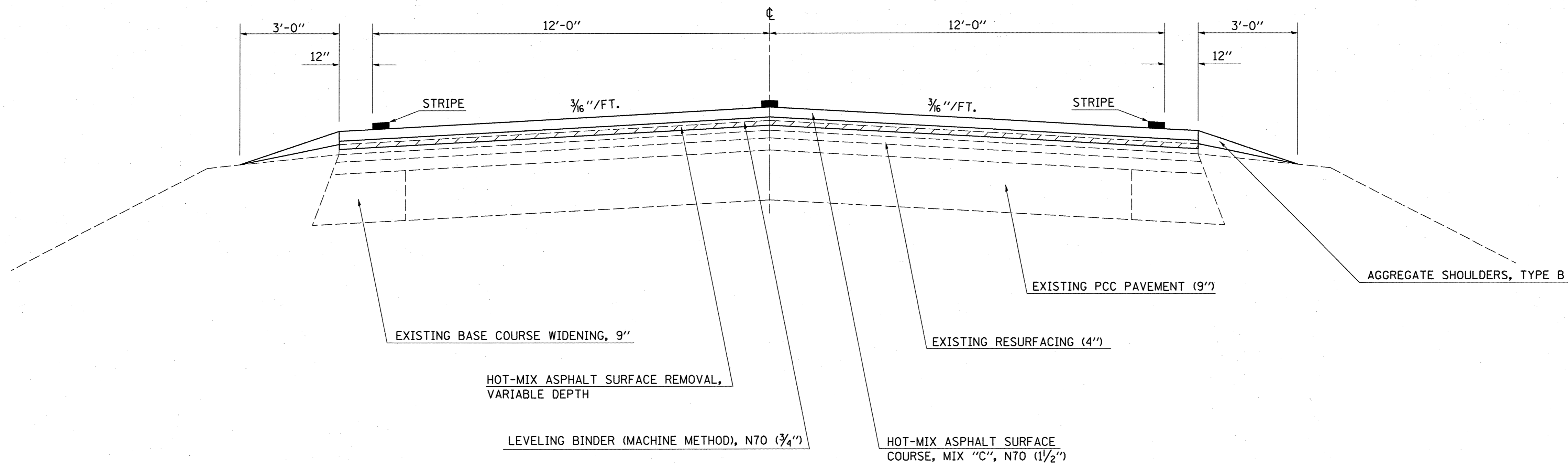
* TO BE COMPLETED IN TWO PASSES

• (F-XRS-1, (113,120)RS-1

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TYPICAL CROSS SECTION

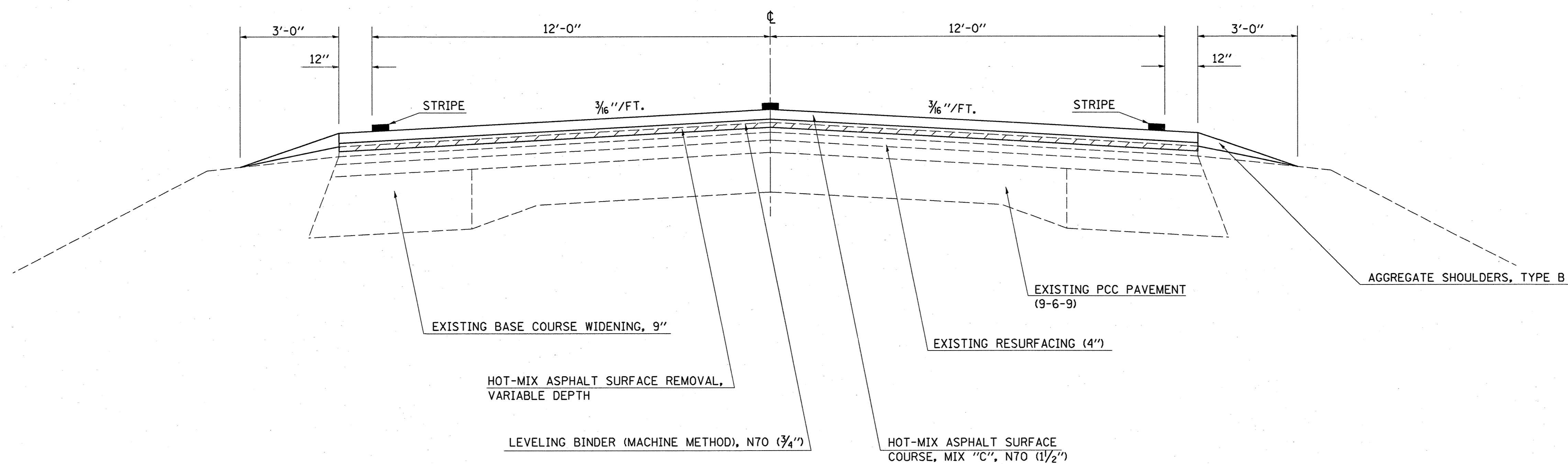
STATION 479+30 TO STATION 489+60



TYPICAL CROSS SECTION

STATION 489+60 TO STATION 494+75
 STATION 503+83 TO STATION 653+80
 STATION 661+44 TO STATION 667+19
 STATION 679+09 TO STATION 706+63 (BRIDGE OM)

STATION 709+64 TO STATION 714+46
 STATION 717+50 TO STATION 722+66
 STATION 736+38.5 TO STATION 740+40
 STATION 750+85 TO STATION 762+00



• (F-X)RS-1, (113,120)RS-1

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 PLOT DATE = 1/21/2010

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

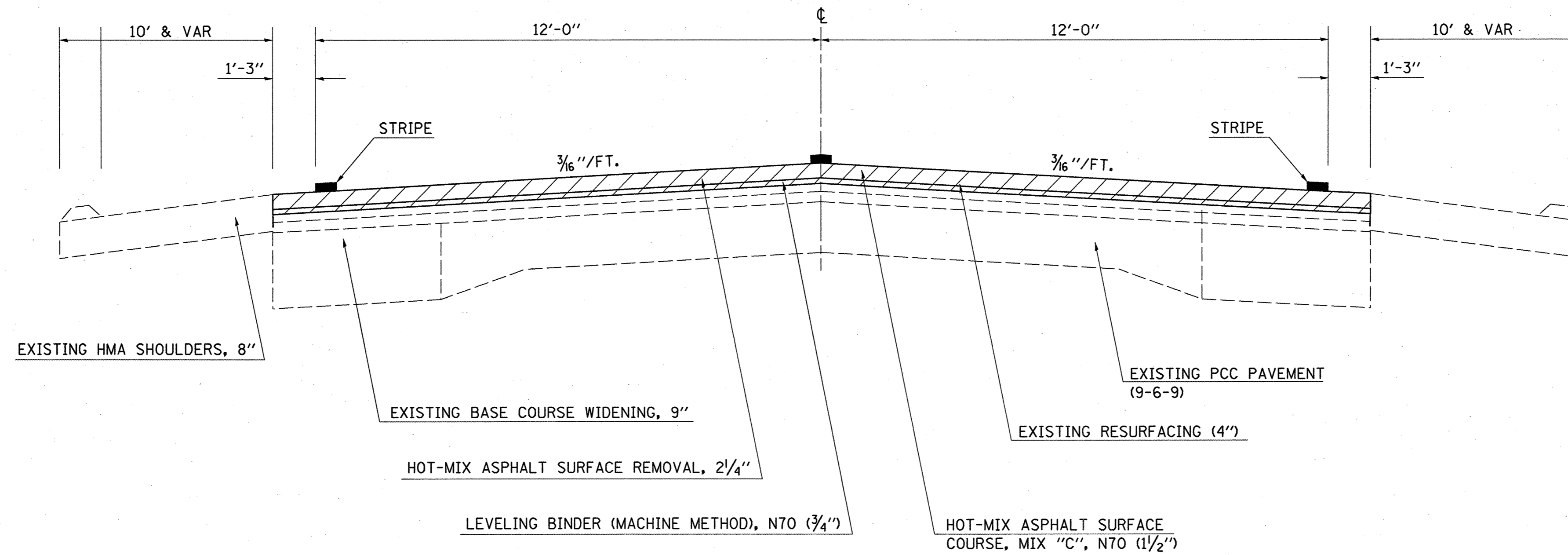
TYPICAL CROSS SECTIONS

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116		CUMBERLAND	25	6
CONTRACT NO. 74410				
ILLINOIS FED. AID PROJECT				

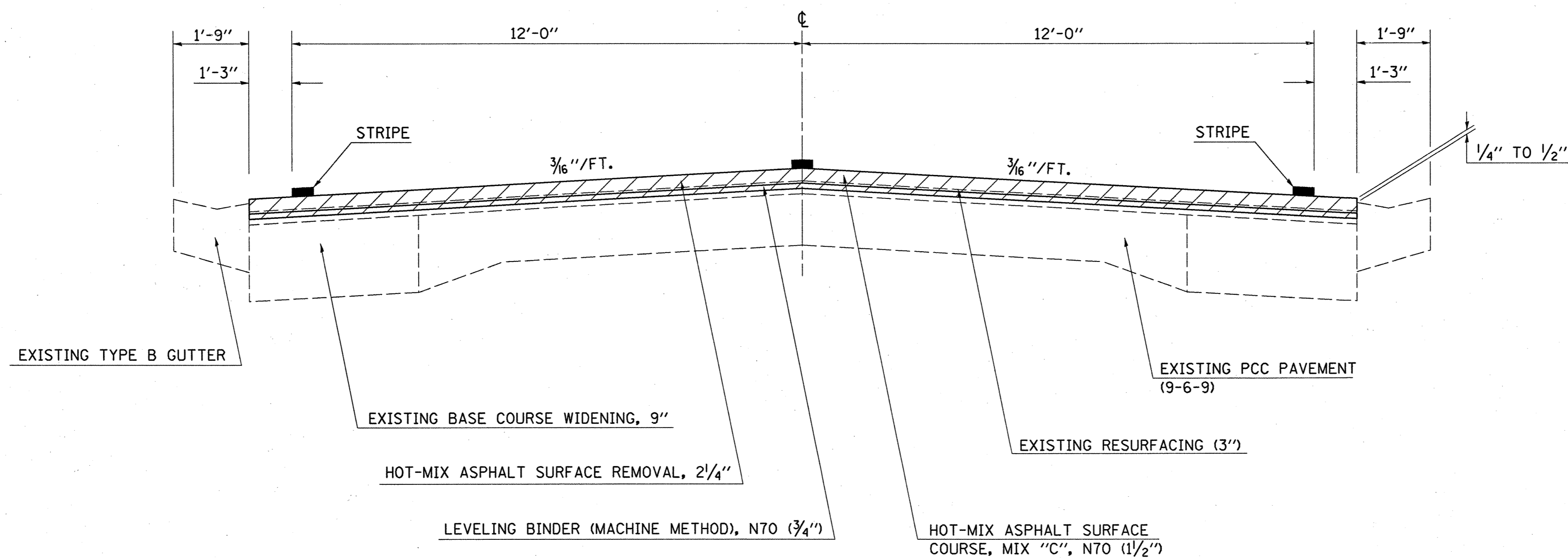
TYPICAL CROSS SECTION

STATION 494+75 TO STATION 497+73 (BR OM)
STATION 499+48 TO STATION 503+83



TYPICAL CROSS SECTION

STATION 653+80 TO STATION 661+44
STATION 667+19 TO STATION 679+09
STATION 714+46 TO STATION 717+50
STATION 722+66 TO STATION 723+21.5
STATION 740+40 TO STATION 750+85



• (F-XIRS-1, (113,120)RS-1

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

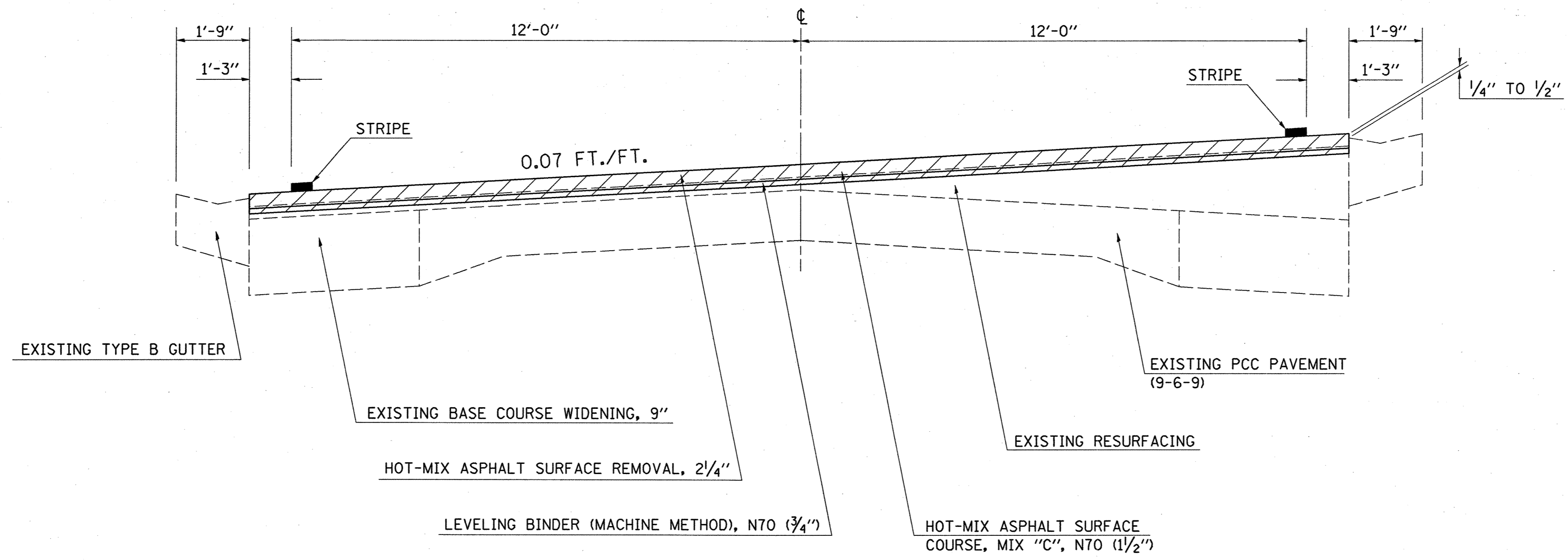
TYPICAL CROSS SECTIONS

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116		CUMBERLAND	25	7
CONTRACT NO. 74410				
ILLINOIS FED. AID PROJECT				

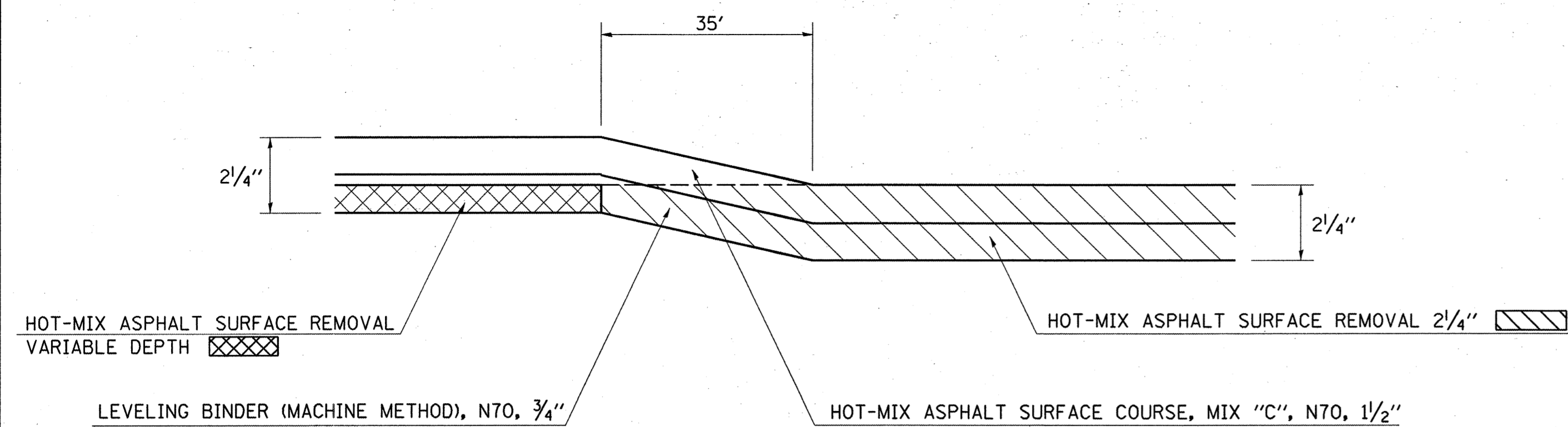
TYPICAL CROSS SECTION

STATION 723+21.5 TO STATION 736+38.5



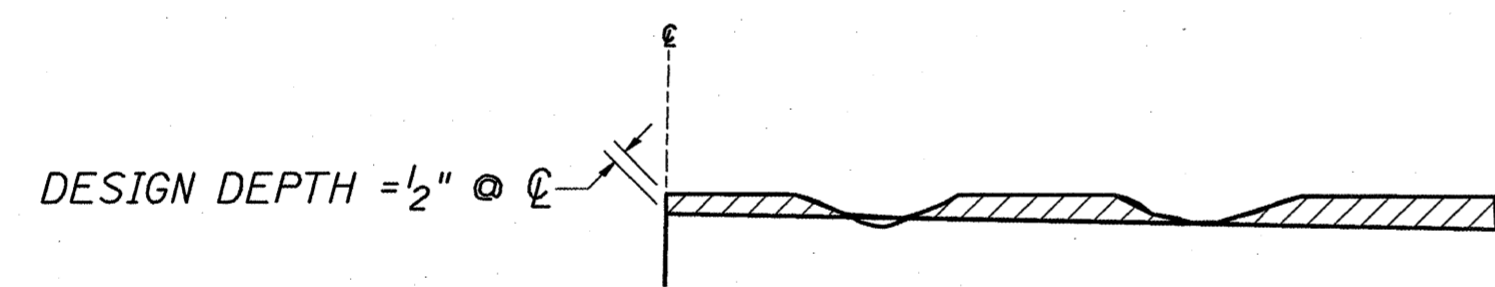
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	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 74410								
	PLOT DATE = 1/21/2010	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

(F-XIRS-1, (113,120)RS-1



MILLING TRANSITION DETAIL

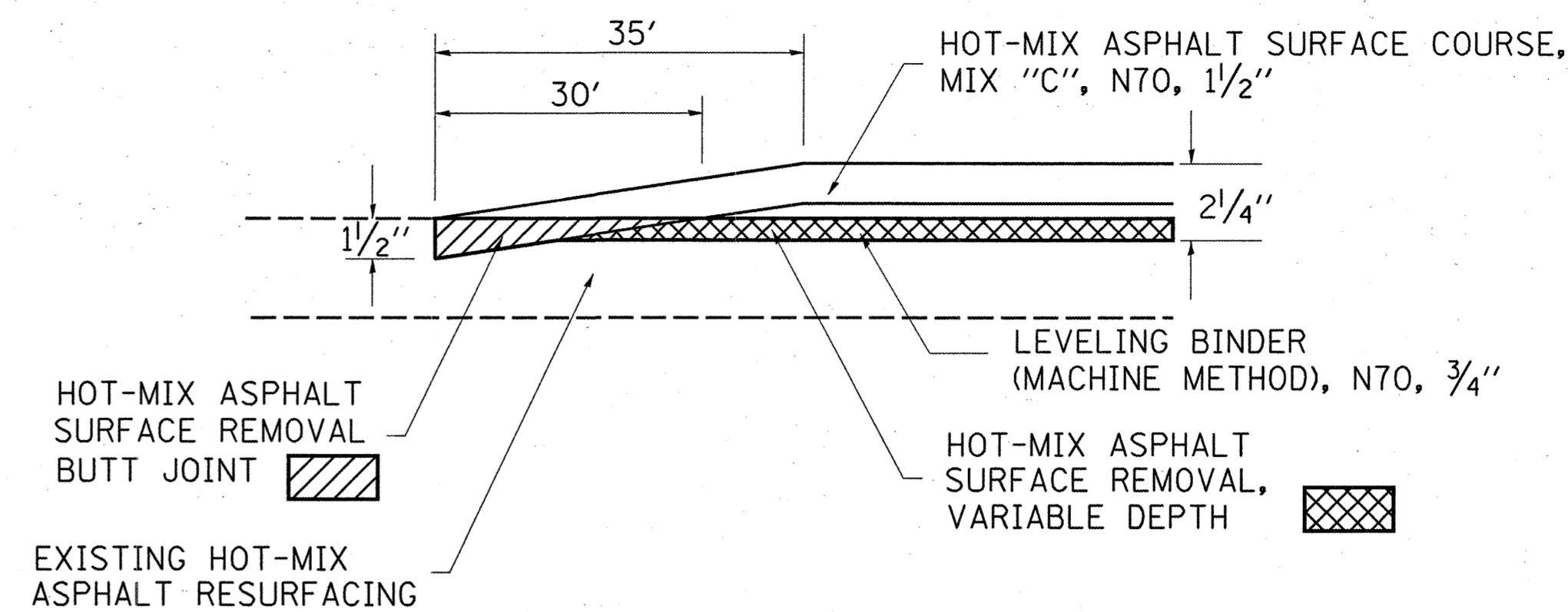
- STATION 479+30.00 TO STATION 479+65.00
- STATION 494+40.00 TO STATION 494+75.00
- STATION 503+83.00 TO STATION 504+18.00
- STATION 653+45.00 TO STATION 653+80.00
- STATION 661+44.00 TO STATION 661+79.00
- STATION 666+84.00 TO STATION 667+19.00
- STATION 679+09.00 TO STATION 679+44.00
- STATION 714+11.00 TO STATION 714+46.00
- STATION 717+50.00 TO STATION 717+85.00
- STATION 722+31.00 TO STATION 722+66.00
- STATION 736+38.50 TO STATION 736+68.50
- STATION 740+05.00 TO STATION 740+40.00
- STATION 750+85.00 TO STATION 751+20.00



NOTES:

1. MILLING SHALL BE DONE TO ATTAIN A 3/16 "/FT. SLOPE IN CROWN SECTIONS
2. EXISTING S.E. AND S.E. TRANSITIONS SHALL BE MAINTAINED UNLESS OTHERWISE SHOWN ON THE PLANS.
3. MILLING TO THE BOTTOM OF WHEEL RUTS SHALL NOT BE NECESSARY UNLESS REQUIRED TO OBTAIN SLOPE OR THE DESIGN DEPTH AT CENTERLINE.
4. THE AVERAGE DEPTH OF MILLING IS ESTIMATED TO BE 1/2" BUT MAY VARY IN ISOLATED LOCATIONS.

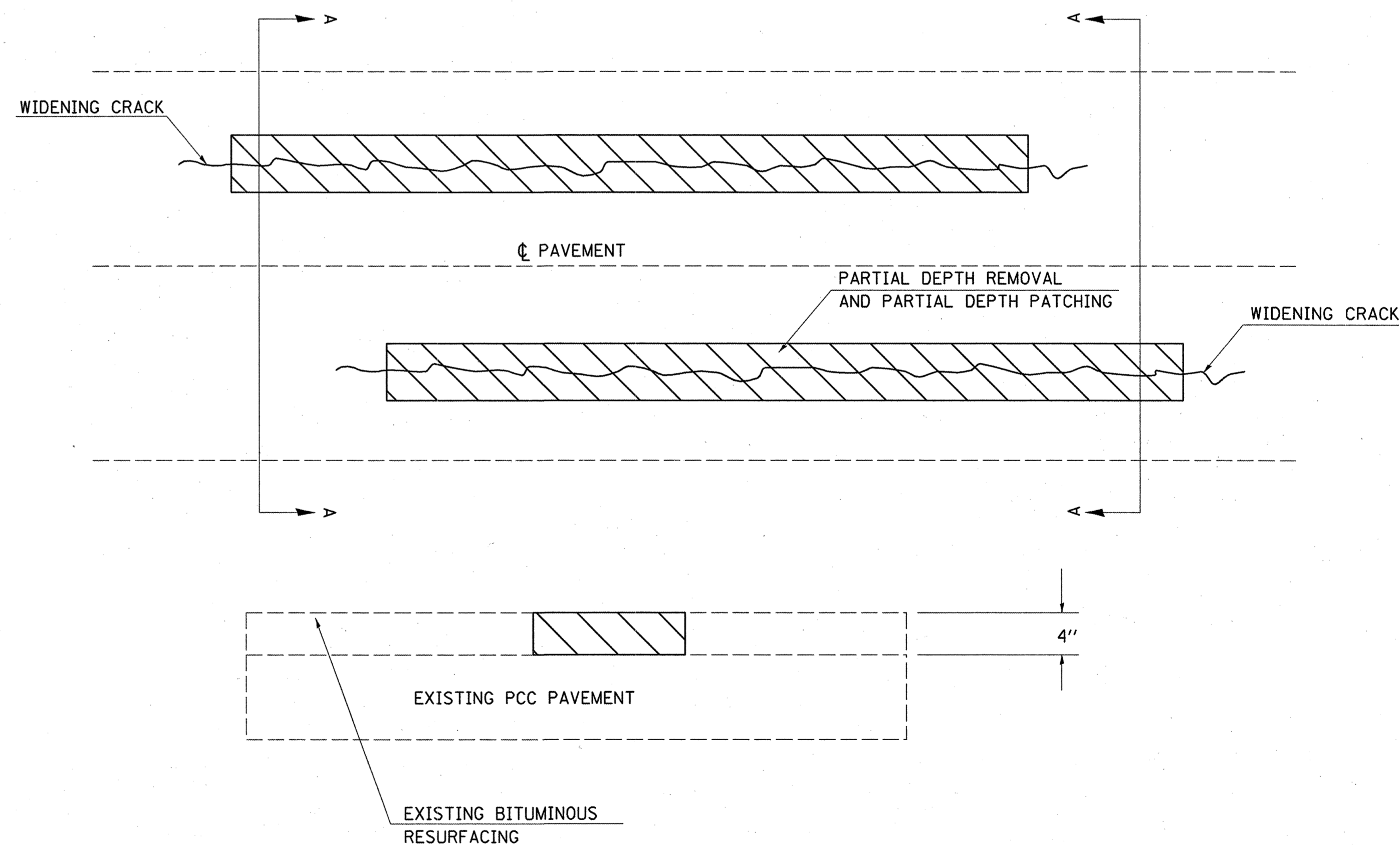
HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH) DETAIL



BUTT JOINT DETAIL

- STATION 706+28.00 TO STATION 706+63.00
- STATION 709+64.00 TO STATION 709+99.00
- STATION 761+65.00 TO STATION 762+00.00

PARTIAL DEPTH PATCHING DETAIL



SECTION A-A

NOTE: THE MINIMUM WIDTH FOR PARTIAL DEPTH REMOVAL SHALL BE 24".

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONSTRUCTION DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
gs:\pw_work\PIWIDOT\SWARTZRW\d0147989\d7	4410-sht:details.dgn	DRAWN -	REVISED -					116	.	CUMBERLAND	25	9
	PLOT SCALE = 20,0000 ' / IN.	CHECKED -	REVISED -		SCALE: NA		SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 74410		
	PLOT DATE = 1/21/2010	DATE -	REVISED -							FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

• (F-XIRS-1, (113,120)RS-1

MAINLINE RESURFACING SCHEDULE			LENGTH	AVERAGE PAVEMENT WIDTH	AREA	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90	LEVELLING BINDER (MACHINE METHOD), N70	LEVELLING BINDER (MACHINE METHOD), N90	HOT-MIX ASPHALT SHOULDERS	AGGREGATE SHOULDERS, TYPE B	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP
STATION	TO	STATION																
459+50.00	TO	462+25.00	275.0	29.0	7975.0	0.0	611.1	886.1	238.3	3.0	0.0	74.4	0.0	62.9	51.3	0.0	0.0	71.9
462+25.00	TO	465+15.00	290.0	27.0	7830.0	0.0	644.4	870.0	238.4	3.0	0.0	73.1	0.0	63.6	54.1	0.0	0.0	50.0
465+15.00	TO	479+30.00	1415.0	26.0	51490.4	0.0	0.0	5721.2	1144.2	11.4	0.0	480.6	0.0	240.3	0.0	62.7	0.0	360.0
479+30.00	TO	479+65.00	35.0	26.0	910.0	0.0	0.0	101.1	20.2	0.2	8.5	0.0	4.2	0.0	0.0	2.3	0.0	0.0
479+65.00	TO	494+40.00	1475.0	26.0	38350.0	4261.1	0.0	0.0	852.2	8.5	357.9	0.0	179.0	0.0	0.0	98.0	0.0	0.0
494+40.00	TO	494+75.00	35.0	26.0	910.0	0.0	0.0	101.1	20.2	0.2	8.5	0.0	4.2	0.0	0.0	2.3	0.0	0.0
494+75.00	TO	497+73.00	298.0	26.5	7897.0	0.0	0.0	877.4	175.5	1.8	73.7	0.0	36.9	0.0	0.0	0.0	0.0	22.1
497+73.00	TO	499+48.00	175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
499+48.00	TO	503+83.00	435.0	26.5	11527.5	0.0	0.0	1280.8	256.2	2.6	107.6	0.0	53.8	0.0	0.0	0.0	0.0	22.1
503+83.00	TO	504+18.00	35.0	26.0	910.0	0.0	0.0	101.1	20.2	0.2	8.5	0.0	4.2	0.0	0.0	2.3	0.0	0.0
504+18.00	TO	653+45.00	14927.0	26.0	388102.0	43122.4	0.0	0.0	8624.5	86.2	3622.3	0.0	1811.1	0.0	0.0	991.7	0.0	0.0
653+45.00	TO	653+80.00	35.0	26.0	910.0	0.0	0.0	101.1	20.2	0.2	8.5	0.0	4.2	0.0	0.0	2.3	0.0	0.0
653+80.00	TO	661+44.00	764.0	26.5	20246.0	0.0	0.0	2249.6	449.9	4.5	189.0	0.0	94.5	0.0	0.0	0.0	0.0	0.0
661+44.00	TO	661+79.00	35.0	26.0	910.0	0.0	0.0	101.1	20.2	0.2	8.5	0.0	4.2	0.0	0.0	2.3	0.0	0.0
661+79.00	TO	666+84.00	505.0	26.0	13130.0	1458.9	0.0	0.0	291.8	2.9	122.5	0.0	61.3	0.0	0.0	33.6	0.0	0.0
666+84.00	TO	667+19.00	35.0	26.0	910.0	0.0	0.0	101.1	20.2	0.2	8.5	0.0	4.2	0.0	0.0	2.3	0.0	0.0
667+19.00	TO	679+09.00	1190.0	26.5	31535.0	0.0	0.0	3503.9	700.8	7.0	294.3	0.0	147.2	0.0	0.0	0.0	0.0	0.0
679+09.00	TO	679+44.00	35.0	26.0	910.0	0.0	0.0	101.1	20.2	0.2	8.5	0.0	4.2	0.0	0.0	2.3	0.0	0.0
679+44.00	TO	706+28.00	2684.0	26.0	69784.0	7753.8	0.0	0.0	1550.8	15.5	651.3	0.0	325.7	0.0	0.0	178.3	0.0	0.0
706+28.00	TO	706+63.00	35.0	26.0	910.0	0.0	0.0	0.0	20.2	0.2	8.5	0.0	2.1	0.0	0.0	2.3	101.1	14.4
706+63.00	TO	709+64.00	301.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
709+64.00	TO	709+99.00	35.0	26.0	910.0	0.0	0.0	0.0	20.2	0.2	8.5	0.0	2.1	0.0	0.0	2.3	101.1	14.4
709+99.00	TO	714+11.00	412.0	26.0	10712.0	1190.2	0.0	0.0	238.0	2.4	100.0	0.0	50.0	0.0	0.0	27.4	0.0	0.0
714+11.00	TO	714+46.00	35.0	26.0	910.0	0.0	0.0	101.1	20.2	0.2	8.5	0.0	4.2	0.0	0.0	2.3	0.0	0.0
714+46.00	TO	717+50.00	304.0	26.5	8056.0	0.0	0.0	895.1	179.0	1.8	75.2	0.0	37.6	0.0	0.0	0.0	0.0	0.0
717+50.00	TO	717+85.00	35.0	26.0	910.0	0.0	0.0	101.1	20.2	0.2	8.5	0.0	4.2	0.0	0.0	2.3	0.0	0.0
717+85.00	TO	722+31.00	446.0	26.0	11596.0	1288.4	0.0	0.0	257.7	2.6	108.2	0.0	54.1	0.0	0.0	29.6	0.0	0.0
722+31.00	TO	722+66.00	35.0	26.0	910.0	0.0	0.0	101.1	20.2	0.2	8.5	0.0	4.2	0.0	0.0	2.3	0.0	0.0
722+66.00	TO	734+79.80	1213.8	26.5	32165.7	0.0	0.0	3574.0	714.8	7.1	300.2	0.0	150.1	0.0	0.0	0.0	0.0	0.0
734+79.80	BK =	735+05.20 AH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
735+05.20	TO	736+38.50	133.3	26.5	3532.5	0.0	0.0	392.5	78.5	0.8	33.0	0.0	16.5	0.0	0.0	0.0	0.0	0.0
736+38.50	TO	736+73.50	35.0	26.0	910.0	0.0	0.0	101.1	20.2	0.2	8.5	0.0	4.2	0.0	0.0	2.3	0.0	0.0
736+73.50	TO	740+05.00	331.5	26.0	8619.0	957.7	0.0	0.0	191.5	1.9	80.4	0.0	40.2	0.0	0.0	22.0	0.0	0.0
740+05.00	TO	740+40.00	35.0	26.0	910.0	0.0	0.0	101.1	20.2	0.2	8.5	0.0	4.2	0.0	0.0	2.3	0.0	0.0
740+40.00	TO	750+85.00	1045.0	26.5	27692.5	0.0	0.0	3076.9	615.4	6.2	258.5	0.0	129.2	0.0	0.0	0.0	0.0	0.0
750+85.00	TO	751+20.00	35.0	26.0	910.0	0.0	0.0	101.1	20.2	0.2	8.5	0.0	4.2	0.0	0.0	2.3	0.0	0.0
751+20.00	TO	761+65.00	1045.0	26.0	27170.0	3018.9	0.0	0.0	603.8	6.0	253.6	0.0	126.8	0.0	0.0	69.4	0.0	0.0
761+65.00	TO	762+00.00	35.0	26.0	910.0	0.0	0.0	0.0	20.2	0.2	8.5	0.0	2.1	0.0	0.0	2.3	101.1	14.4
TOTALS			30225.0	918.0	791971.0	63051.0	1256.0	24642.0	17725.0	178.0	6764.0	628.0	3375.0	367.0	105.0	1550.0	303.0	569.0

• (F-XIRS-1, (113,120)RS-1

FILE NAME =
 USER NAME = swartzw
 4410-sht-sch.dgn
 PLOT SCALE = 50.0000' / IN.
 PLOT DATE = 1/21/2010

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

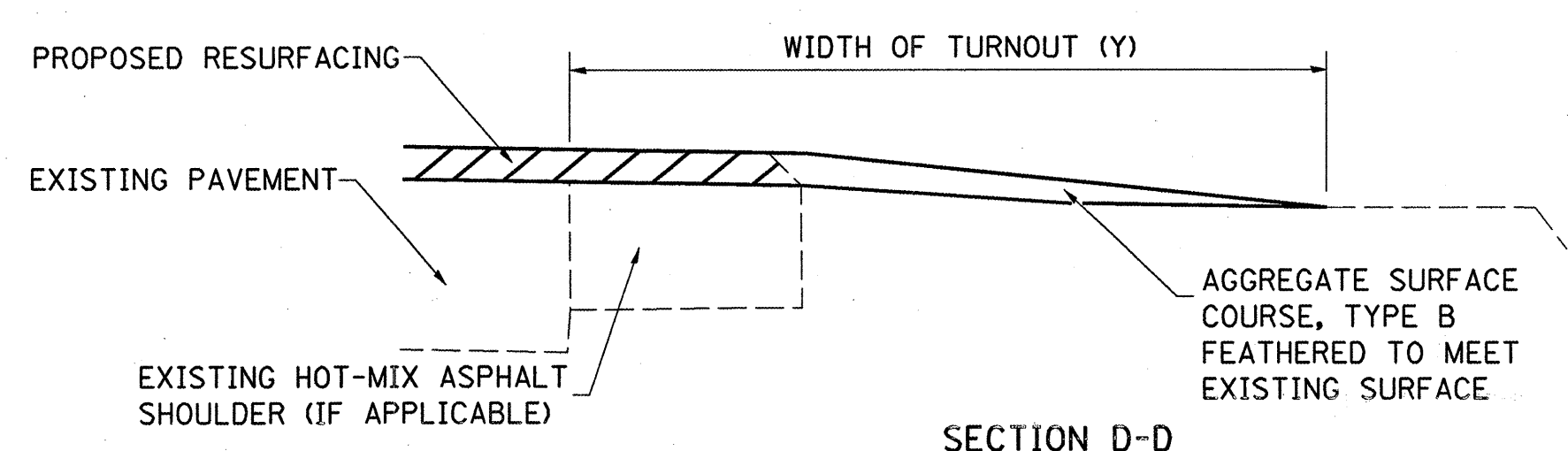
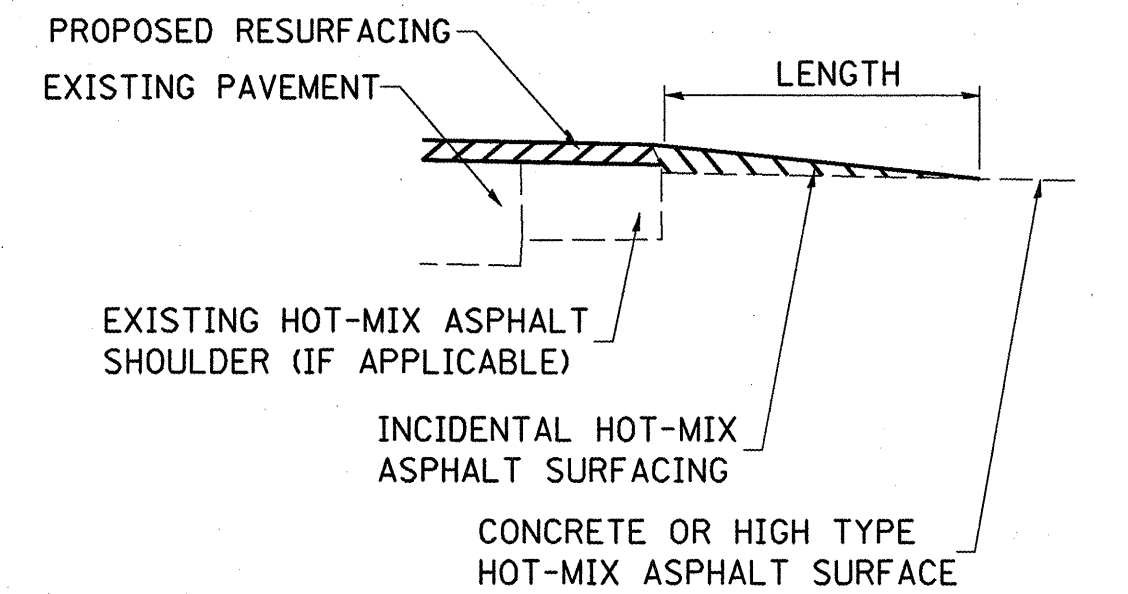
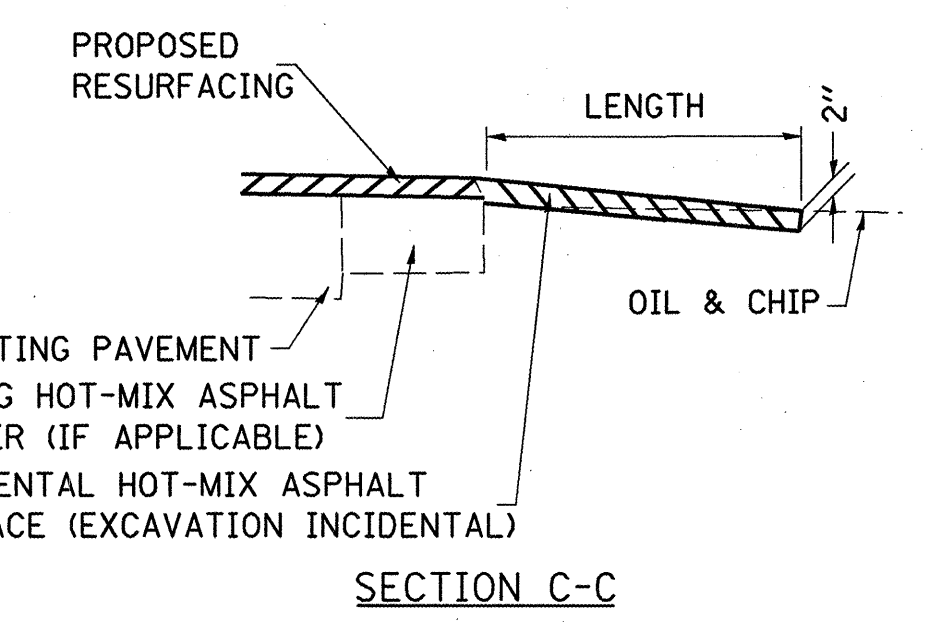
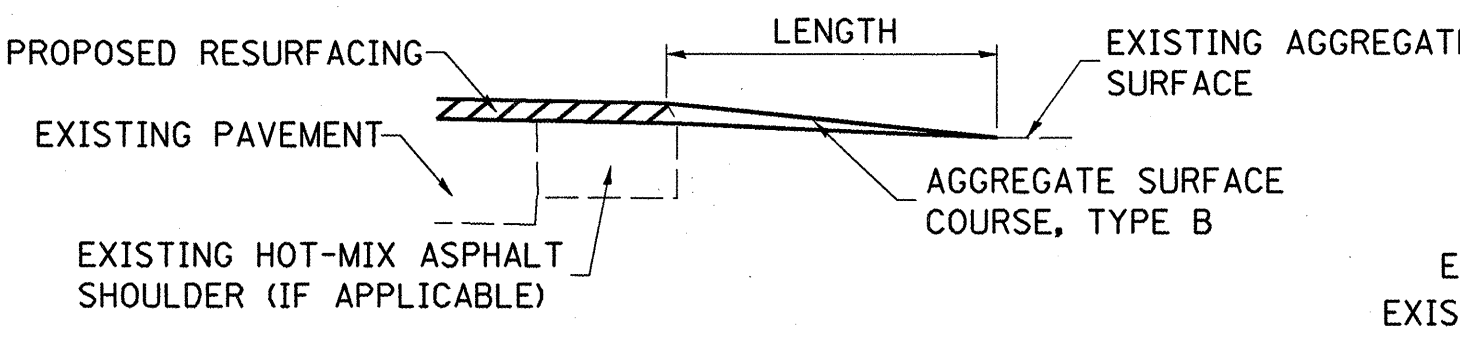
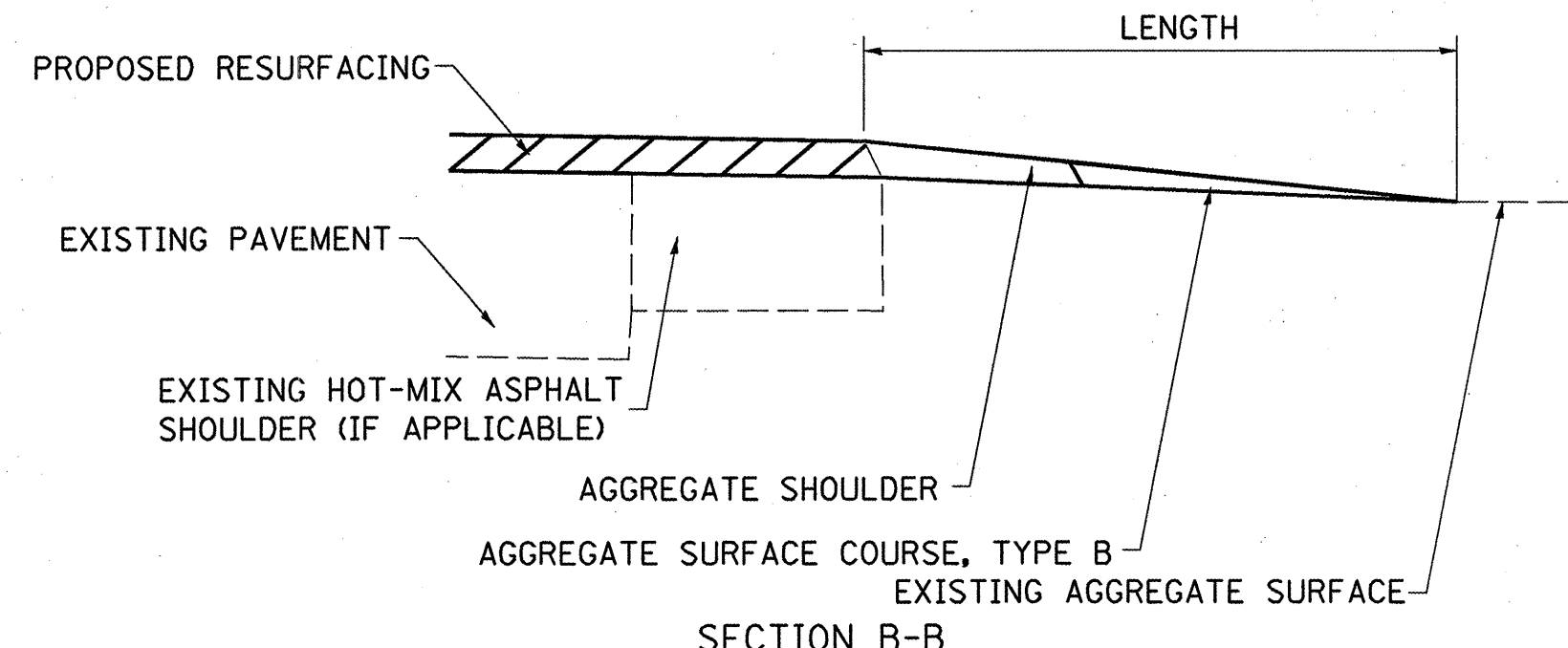
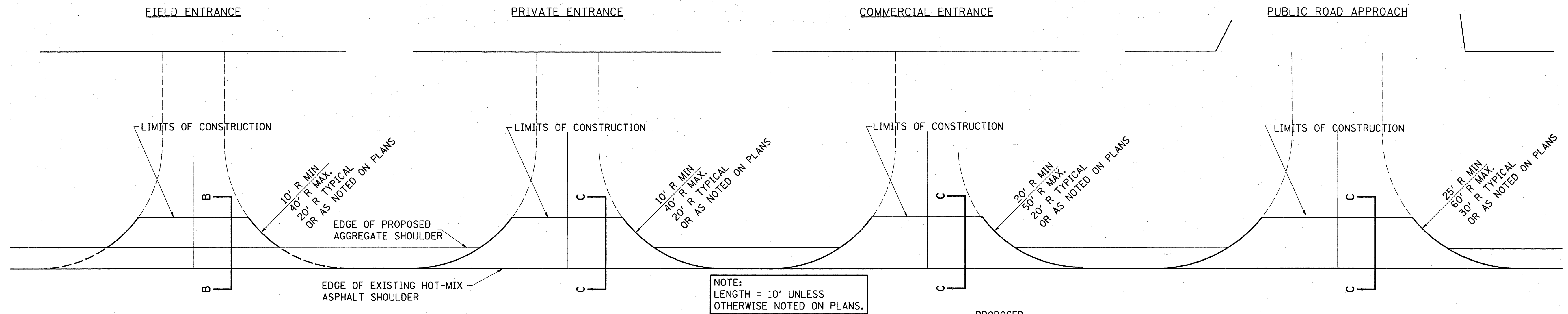
SCALE: NA SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
 116 CUMBERLAND 25 10
 CONTRACT NO. 74410
 ILLINOIS FED. AID PROJECT

PAVEMENT MARKING SCHEDULE	LENGTH	PAINT PAVEMENT MARKING - LINE 4" WHITE	PAINT PAVEMENT MARKING - LINE 4" YELLOW	THERMOPLASTIC PAVEMENT MARKING - LINE 4" WHITE	THERMOPLASTIC PAVEMENT MARKING - LINE 4" YELLOW	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	TEMPORARY PAVEMENT MARKING - LINE 4"	TEMPORARY PAVEMENT MARKING - LINE 24"	SHORT-TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER
459+50.00 TO 462+25.00	275.0	0.0	0.0	550.0	550.0		1100.0		112.0	9.3	14.0
462+25.00 TO 466+00.00	375.0	0.0	0.0	750.0	468.8		1218.8		144.0	12.0	5.0
466+00.00 TO 479+30.00	1330.0	0.0	0.0	2881.0	438.8	88.0	3319.8	88.0	704.0	58.7	22.0
479+30.00 TO 488+62.00	932.0	1864.0	233.0	0.0	0.0		2097.0		368.0	30.7	12.0
488+62.00 TO 497+20.00	858.0	1541.0	1072.5	0.0	0.0		2613.5		336.0	28.0	11.0
497+20.00 TO 500+00.00	280.0	560.0	560.0	0.0	0.0		1120.0		112.0	9.3	4.0
500+00.00 TO 508+84.00	884.0	1672.0	1105.0	0.0	0.0		2777.0		352.0	29.3	11.0
508+84.00 TO 646+40.00	13756.0	27223.0	3439.0	0.0	0.0		30662.0		5504.0	458.7	172.0
646+40.00 TO 653+78.00	738.0	1371.0	922.5	0.0	0.0		2293.5		288.0	24.0	9.0
653+78.00 TO 673+35.00	1957.0	3914.0	3914.0	0.0	0.0		7828.0		784.0	65.3	24.0
673+35.00 TO 682+81.00	946.0	1892.0	1182.5	0.0	0.0		3074.5		384.0	32.0	12.0
682+81.00 TO 716+00.00	3319.0	6638.0	829.8	0.0	0.0		7467.8		1328.0	110.7	41.0
716+00.00 TO 725+00.00	900.0	1800.0	1125.0	0.0	0.0		2925.0		368.0	30.7	11.0
725+00.00 TO 734+79.80	979.8	1959.6	1959.6	0.0	0.0		3919.2		384.0	32.0	12.0
734+79.80 BK= 735+05.20 AH	0.0	0.0	0.0	0.0	0.0		0.0		0.0	0.0	0.0
735+05.20 TO 746+15.00	1109.8	2219.6	2219.6	0.0	0.0		4439.2		448.0	37.3	14.0
746+15.00 TO 755+00.00	885.0	1770.0	1106.3	0.0	0.0		2876.3		352.0	29.3	11.0
755+00.00 TO 762+00.00	700.0	1066.0	175.0	0.0	0.0		1241.0		288.0	24.0	9.0
TOTALS		55490.0	19844.0	4181.0	1458.0	88.0	80972.0	88.0	12256.0	1021.0	394.0

• (F-X)RS-1, (113,120)RS-1

FILE NAME =	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\PIWIDOT\SWARTZRW\d0147989\d7	4410-sht-sch.dgn	DRAWN -	REVISED -					116		CUMBERLAND	25	11
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -		SCALE: NA SHEET NO. 2 OF 2 SHEETS STA. TO STA.			CONTRACT NO. 74410				
	PLOT DATE = 1/21/2010	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



TYPICAL SECTION AT MAILBOX TURNOUT
NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS

NOTES

THE COST OF THE ASPHALT MATERIALS, AND AGGREGATE (PRIME COAT) FOR ENTRANCES AND PUBLIC ROADS AND APPROACHES SHALL BE INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

THE COST OF EXCAVATION IS INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

IF THERE IS NOT EXISTING HOT-MIX ASPHALT SHOULDER THEN THE ENTRANCE TAPER STARTS AT THE EDGE OF EXISTING PAVEMENT.

THE COST OF THE BITUMINOUS MATERIALS AND AGGREGATE (PRIME COAT) FOR ENTRANCES AND PUBLIC ROAD APPROACHES SHALL BE INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SURFACE COURSE, TYPE B	HOT-MIX ASPHALT SURFACE COURSE
			TON	TON	TON
LT	481+13	CE		4.3	
RT	487+00	PE		3.4	
RT	487+17	MBT1		1.9	
RT	488+27	PE		2.0	
LT	489+50	PRA	8.2		
RT	489+50	PRA	4.7		
RT	506+40	PRA	7.9		
RT	511+52	FE	1.0	1.9	1.0
LT	515+07	FE	0.6	0.8	0.6
LT	516+15	PRA	4.5		
LT	522+06	FE	1.1	1.9	1.1
RT	523+31	FE	1.8	3.3	1.8
LT	528+33	PE	1.1	1.6	1.1
RT	529+81	FE	1.6	2.5	1.6
LT	536+37	FE	0.7	1.0	0.7
LT	543+30	FE	0.8	1.2	0.8
RT	545+56	FE	0.9	1.7	0.9
RT	553+74	FE	0.7	1.2	0.7
LT	556+70	PE	2.9		
LT	556+86	MBT1	1.9		
RT	556+87	FE	1.1	1.6	1.1
LT	570+16	PRA	6.0		
RT	570+16	PRA	6.0		
RT	577+80	FE	0.8	1.2	0.8
LT	583+05	FE	0.7	1.1	0.7
RT	583+90	PE	3.4		

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SURFACE COURSE, TYPE B	HOT-MIX ASPHALT SURFACE COURSE
			TON	TON	TON
LT	583+90	MBT2	3.3		
RT	585+57	PE	4.0		
RT	589+97	FE	0.7	1.2	0.7
RT	593+12	FE	0.9	1.6	0.9
RT	596+59	FE	0.7	1.0	0.7
RT	600+30	PE	2.7		
LT	600+10	MBT2	3.3		
LT	604+02	PE	4.1		
RT	604+71	PE	2.2		
LT	604+65	MBT2	3.3		
LT	608+65	FE	0.7	0.9	0.7
LT	609+82	PRA	5.4		
LT	611+35	FE	0.6	0.7	0.6
RT	615+65	PE	7.3		
LT	615+92	MBT2		3.3	
RT	622+80	PE/MB	6.5		
LT	623+32	FE	1.1	1.8	1.1
RT	624+01	FE	0.9	1.1	0.9
RT	631+75	FE	4.3	8.0	4.3
LT	636+05	PE/MB	12.1		
RT	639+15	FE	0.6	0.9	0.6
LT	642+90	PE/MB	7.9		
RT	643+12	FE	0.7	1.1	0.7
LT	645+80	PE/MB	9.5		
RT	649+25	FE	1.1	1.7	1.1
LT	649+65	PE	3.2		

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SURFACE COURSE, TYPE B	HOT-MIX ASPHALT SURFACE COURSE
			TON	TON	TON
RT	649+85	PRA	5.1		
LT	649+96	PRA	3.4		
LT	650+60	PE	9.5		
RT	651+25	PE/MB	9.0		
LT	652+10	PE	3.5		
RT	664+60	PE/MB	9.7		
LT	666+15	FE	0.9	1.4	0.9
LT	681+90	PE	3.6		
RT	682+35	PE/MB	8.1		
LT	690+37	FE	0.7	1.2	0.7
LT	711+40	PE	2.7		
RT	751+10	PE	3.7		
LT	753+40	FE	1.3	1.5	1.3
LT	756+07	FE	0.7	1.0	0.7
RT	756+07	FE	0.7	1.0	0.7
RT	760+46	PRA	10.2		
LT	760+66	PRA	12.9		
TOTALS			231.0	62.0	30.0

FE=FIELD ENTRANCE PRA - PUBLIC ROAD APPROACH
PE=PRIVATE ENTRANCE MBT - MAILBOX TURNOUT
CE=COMMERCIAL ENTRANCE

• (F-XRS-1, (113,120)RS-1

FILE NAME =	USER NAME = swartzw	DESIGNED - 08-03-99	REVISED - 03-13-07
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PLOT SCALE = 20.4651' / IN.		CHECKED -	REVISED -
PLOT DATE = 1/21/2010		DATE -	REVISED -

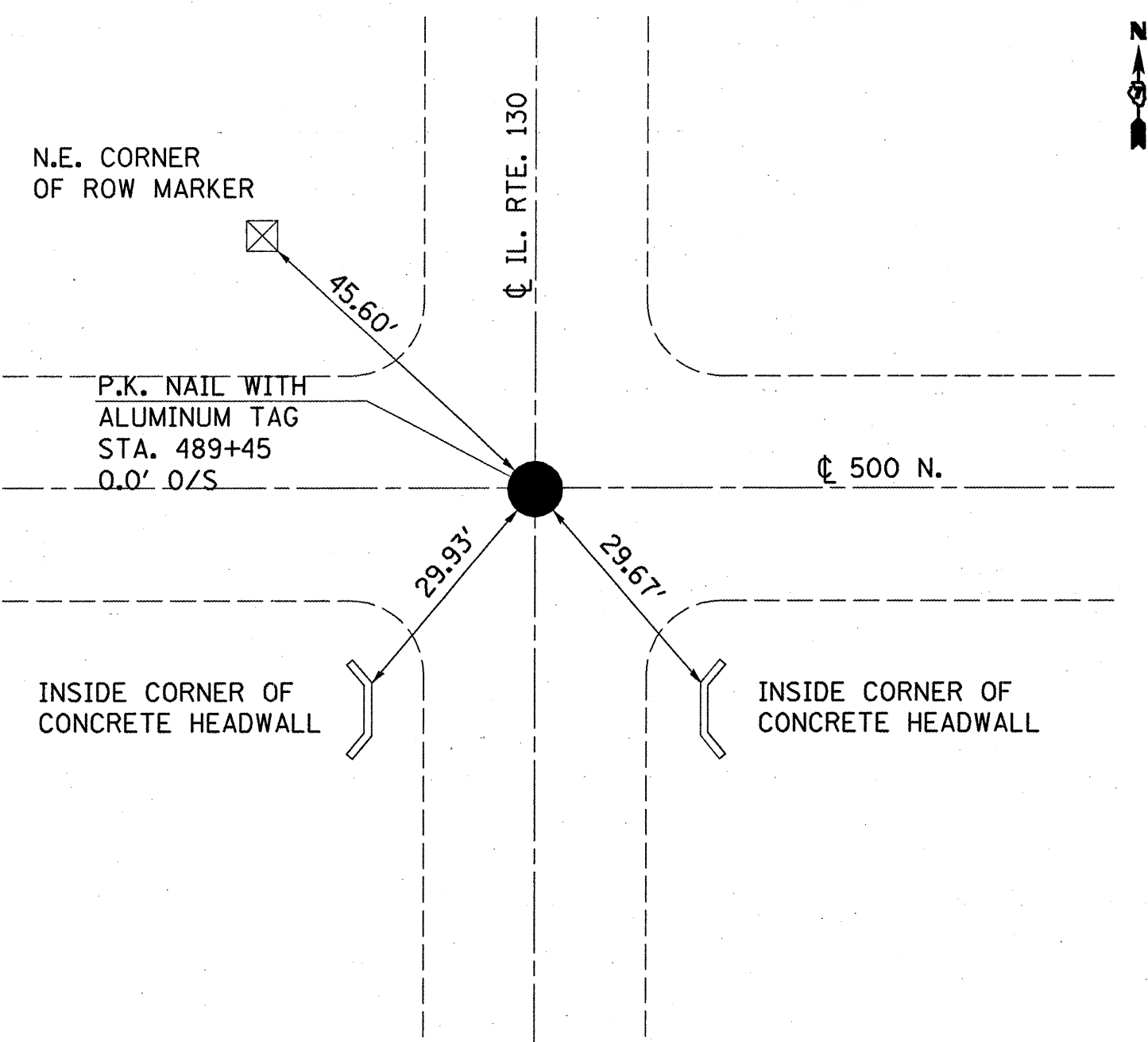
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RURAL ENTRANCE SCHEDULE AND MAILBOX TURNOUT DETAILS
WITH SHOULDERS**

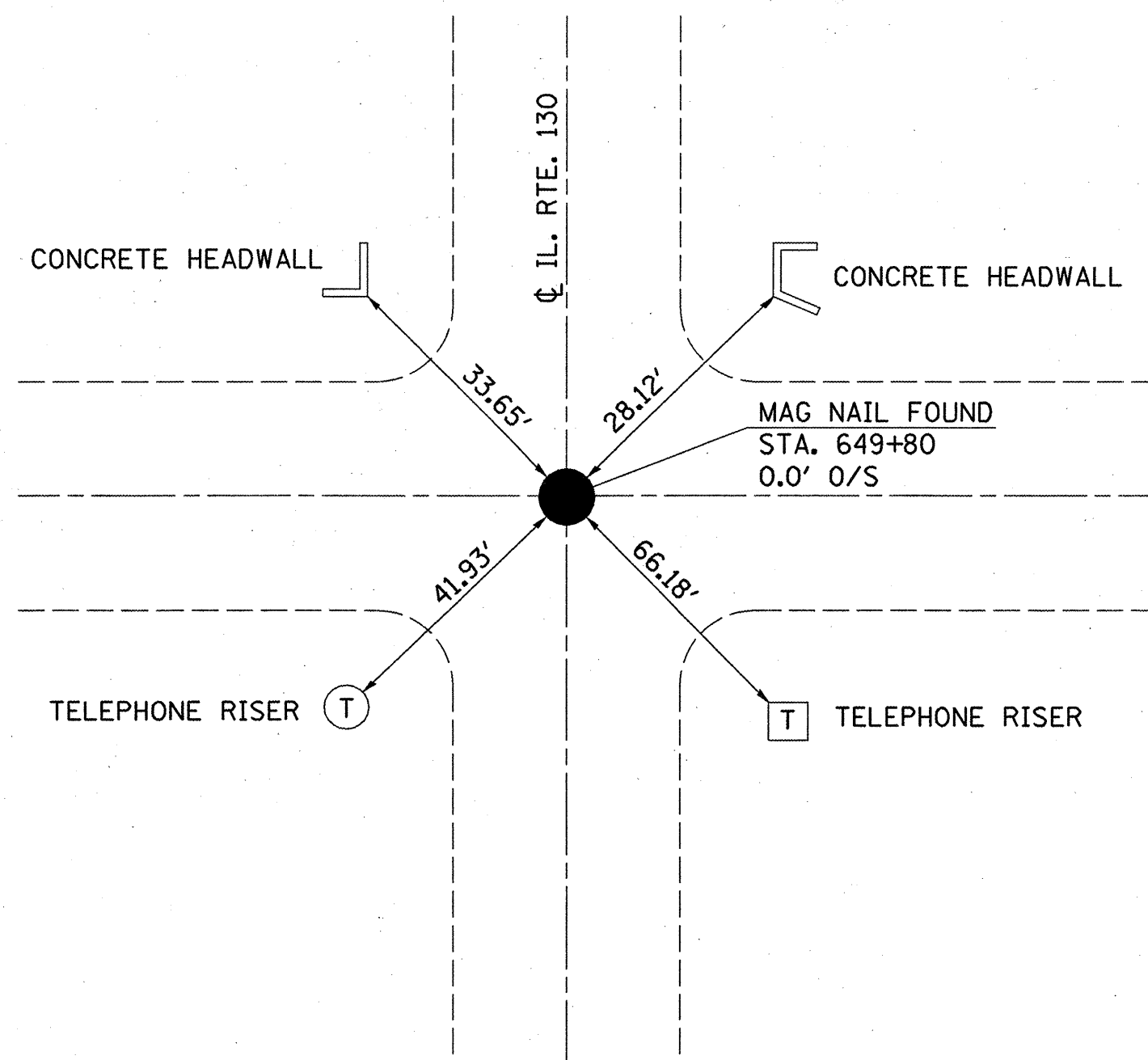
SCALE: NA SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 116	SECTION	COUNTY CUMBERLAND	TOTAL SHEETS 25	SHEET NO. 12
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 74410				

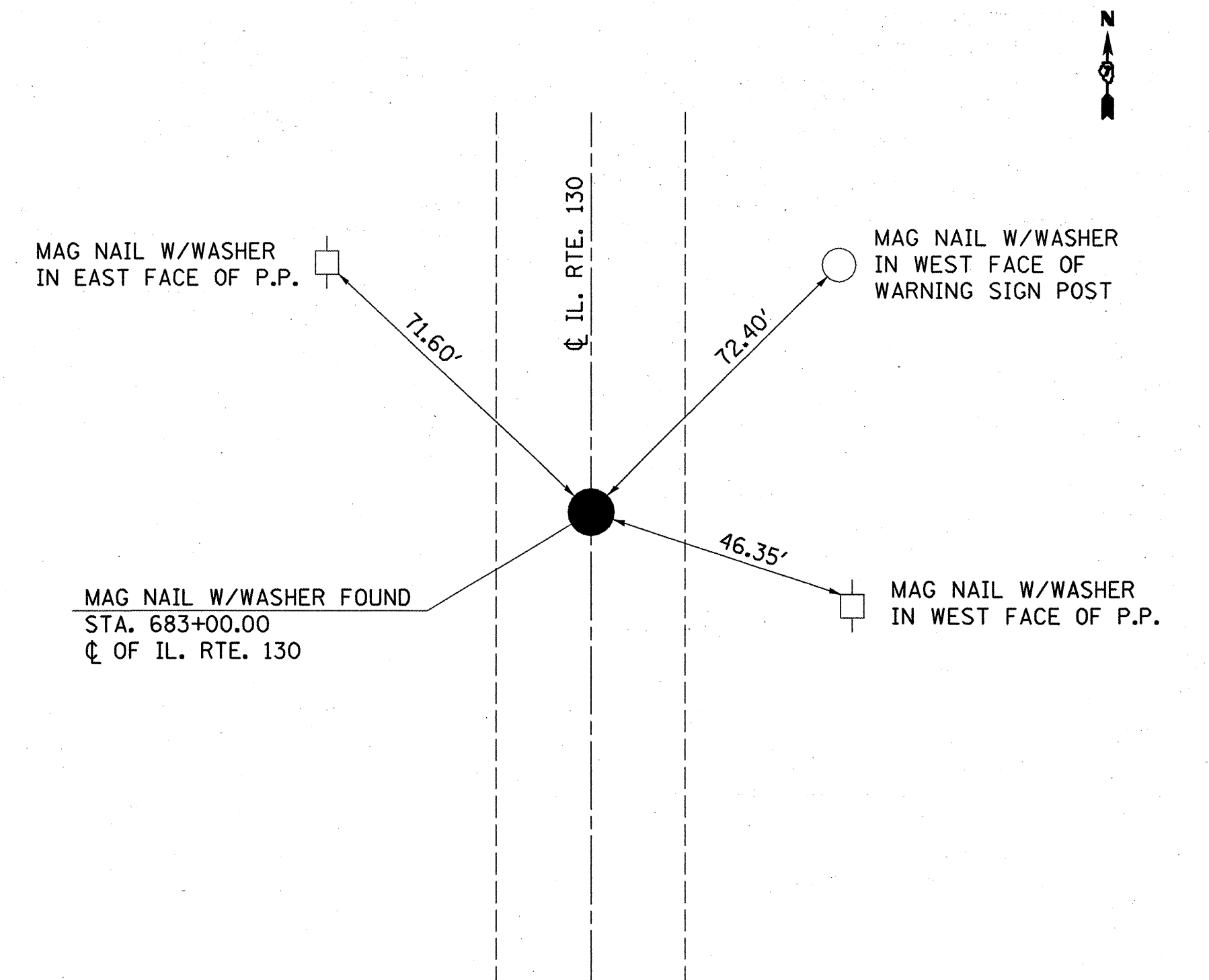
N.W. CORNER OF SECTION 12
SET P.K. NAIL WITH
ALUMINUM TAG
STA. 489+45



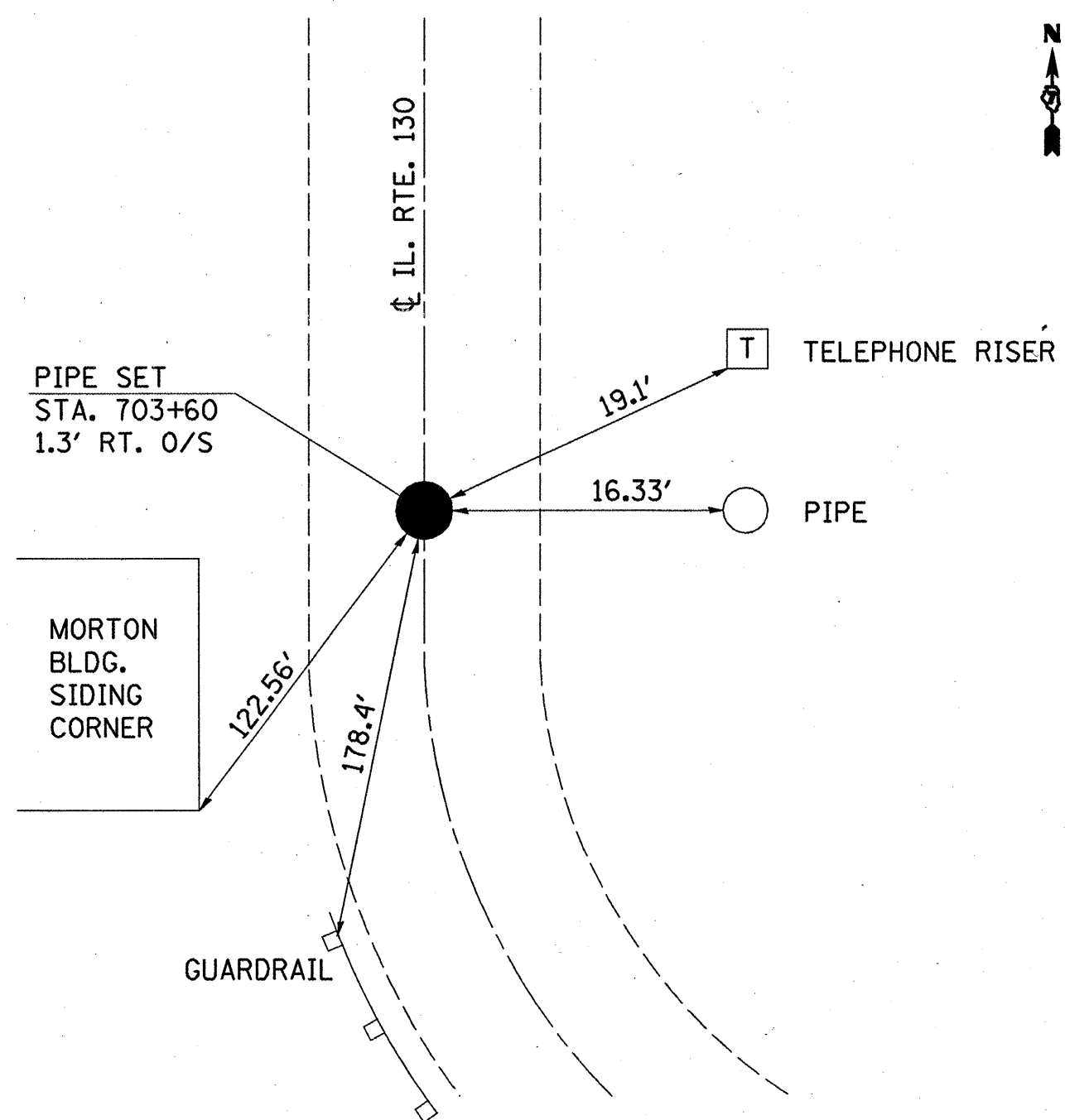
S.W. CORNER OF THE S.W. 1/4 OF
SEC. 24, T9N R9E 3RD PM
MAG NAIL SET
STA. 649+80.00



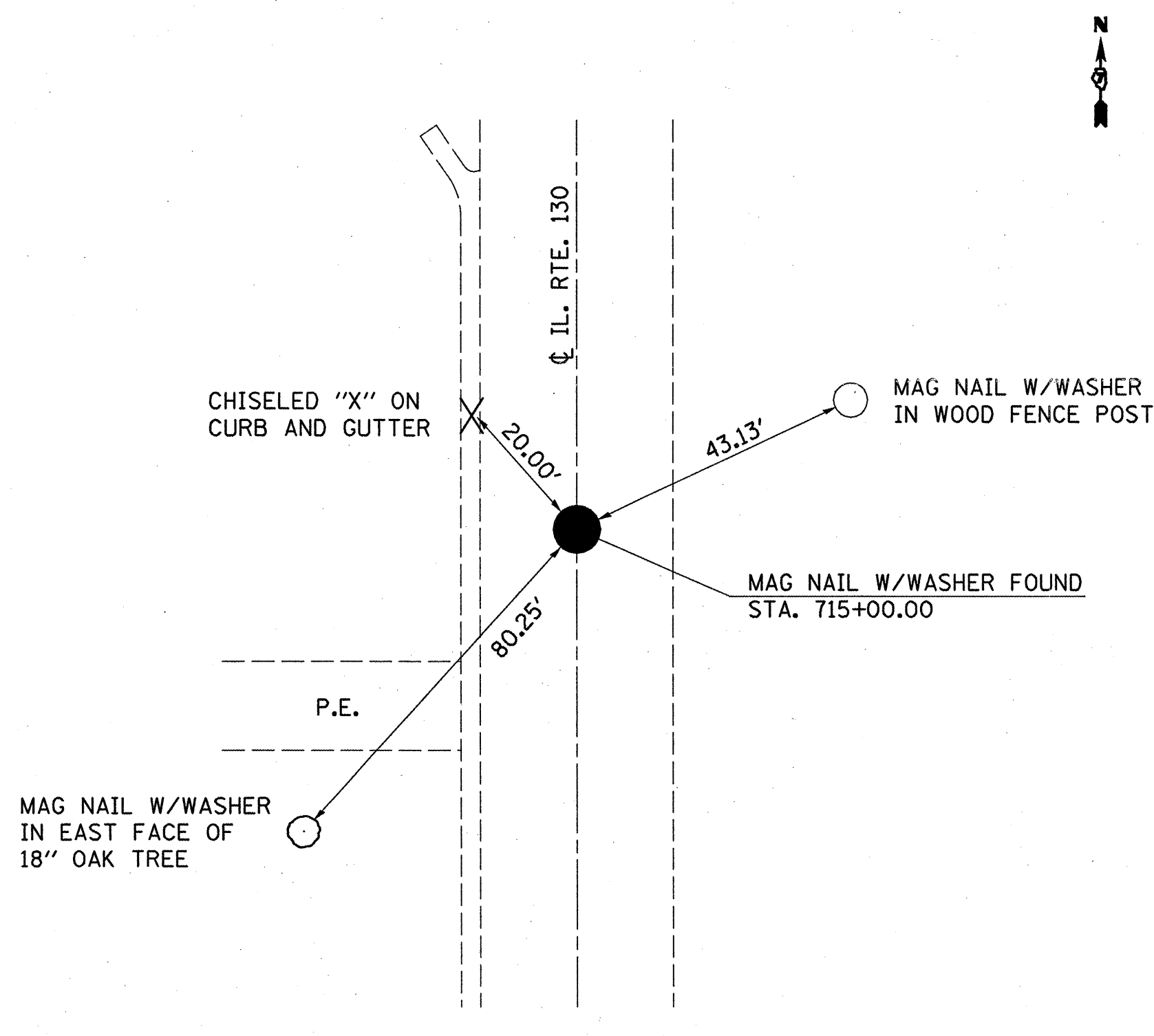
P.O.T. STA. 683+00.00



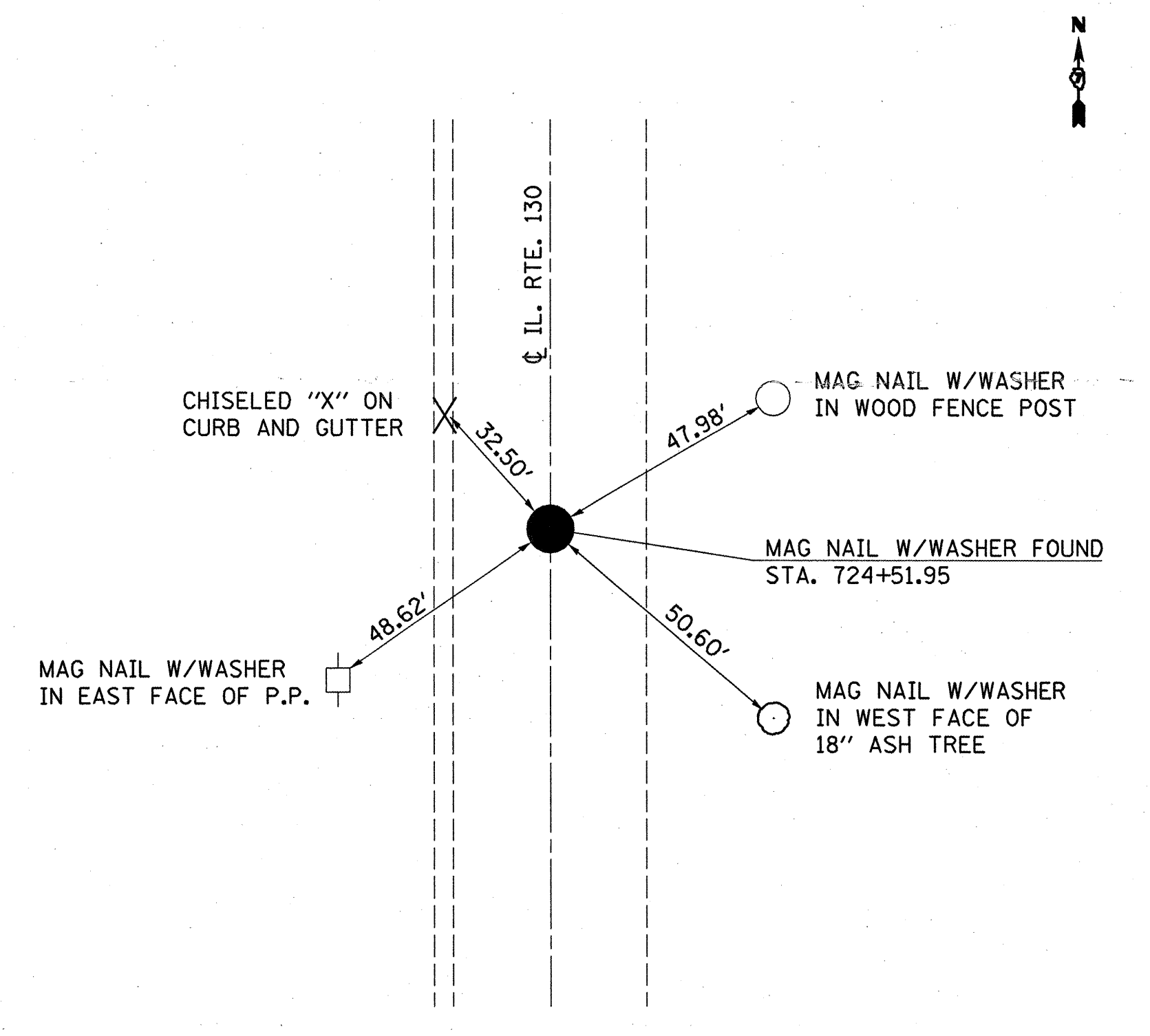
S.W. CORNER OF THE S.W. 1/4
PIPE SET
STA/ 703+60



P.O.T. STA. 715+00.00



P.C. STA. 724+51.95



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	PLOT DATE = 1/21/2010	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

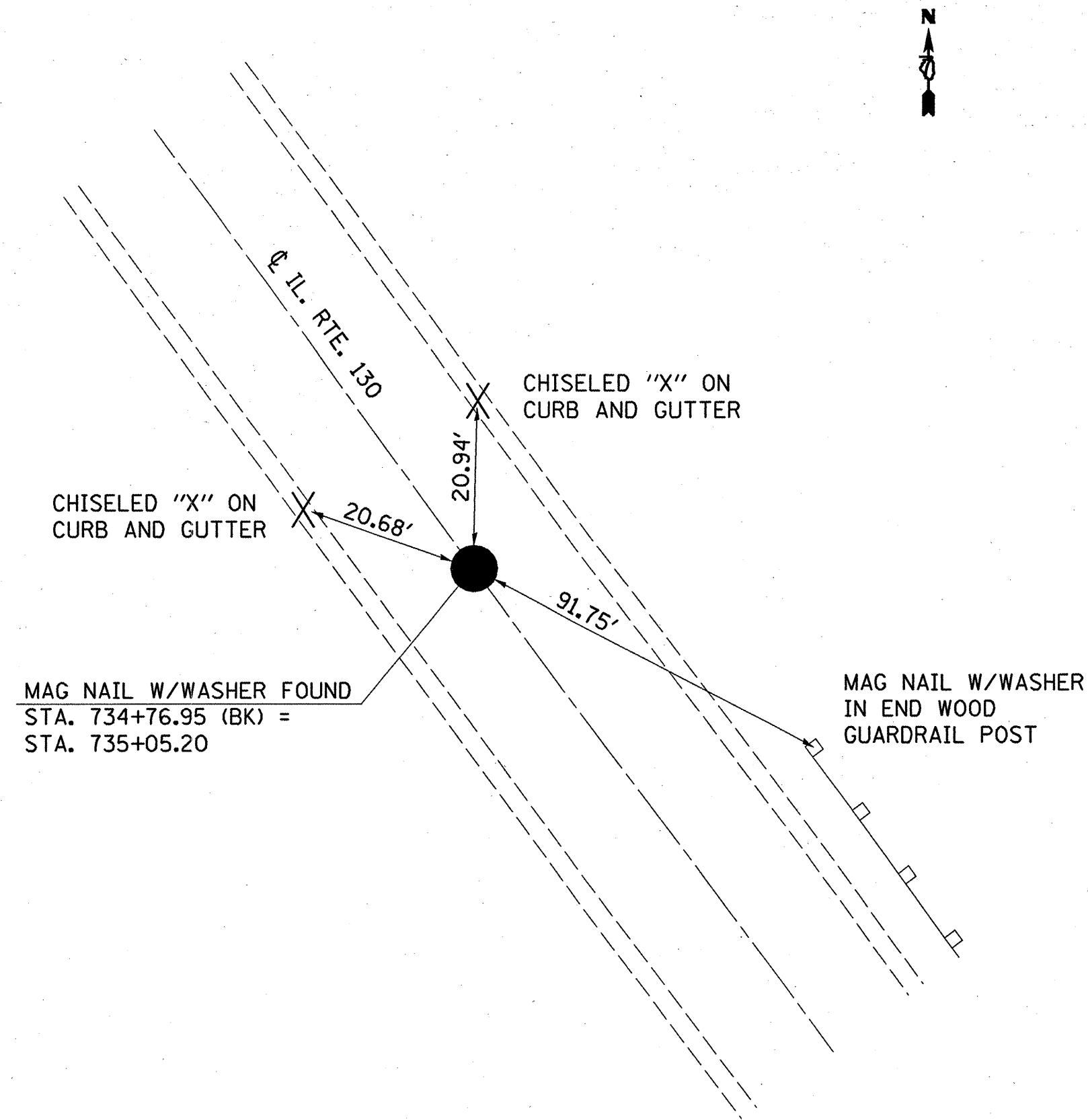
TIE POINTS

SCALE: NA SHEET NO. 1 OF 2 SHEETS STA. TO STA.

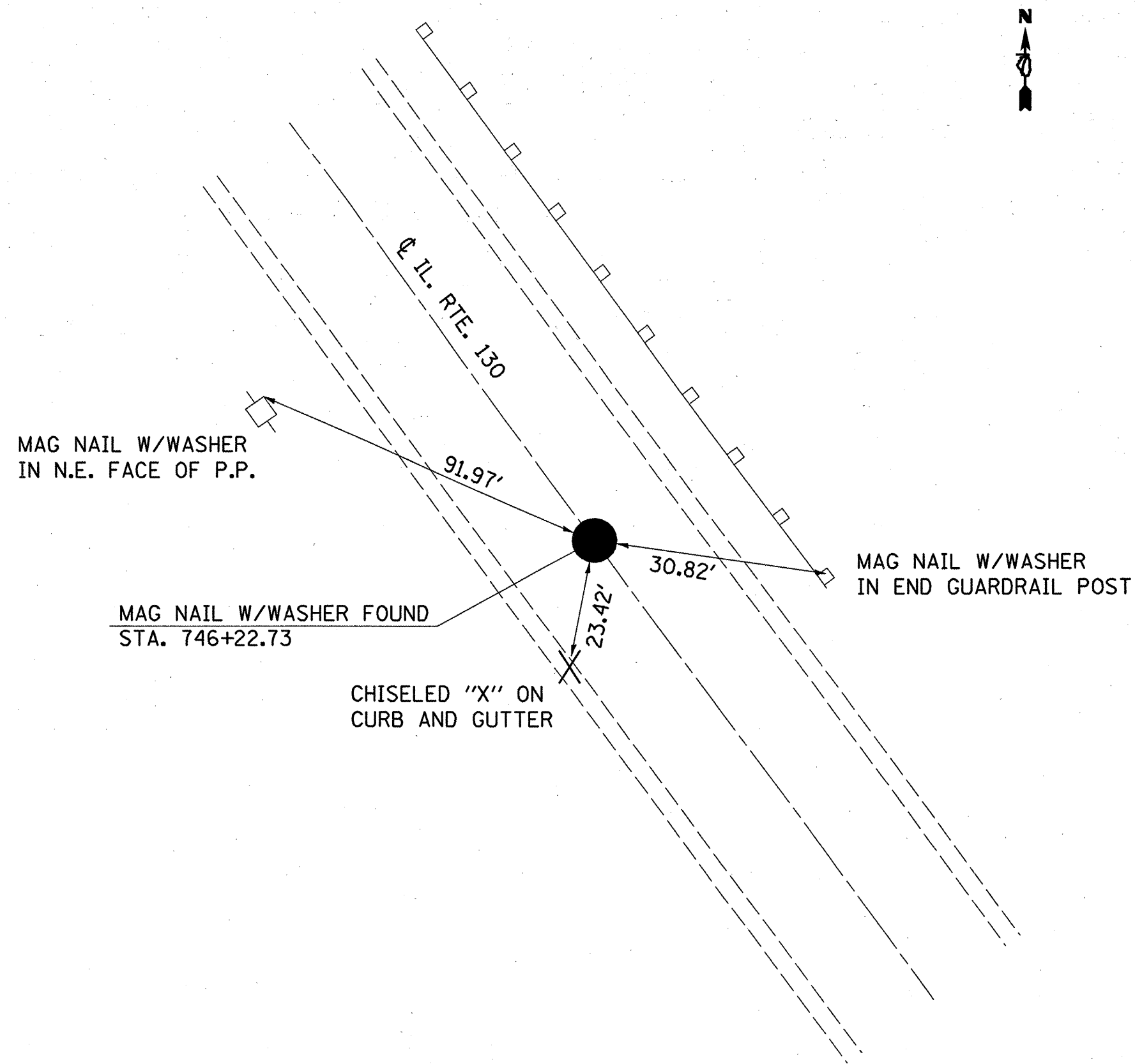
• (F-XRS-1, (113,120)RS-1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	.	CUMBERLAND	25	13
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 74410	

P.O.T. STA. 734+76.95 (BK) =
STA. 735+05.20



P.O.T. STA. 746+22.73



SURVEY MARKER SCHEDULE	LOCATION	OFFSET	FURNISHING AND INSTALLING PROPERTY MARKERS
		FOOT	EACH
	489+45.00	0.00	1.0
	569+65.00	RT 5.70	1.0
	623+05.00	LT 3.50	1.0
	649+80.00	0.00	1.0
	683+00.00	0.00	1.0
	703+60.00	RT 1.30	1.0
	715+00.00	0.00	1.0
	716+80.00	RT 1.60	1.0
	724+51.95	0.00	1.0
	734+76.95 BK =	0.00	1.0
	735+05.20 AH		
	746+22.73	0.00	1.0
	TOTAL		11.0

• (F-X)RS-1, (113,120)RS-1

FILE NAME =	USER NAME = swartzrw	DESIGNED -	REVISED -
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	PLOT SCALE = 20.4651' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/21/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TIE POINTS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	*	CUMBERLAND	25	14
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 74410	

F.A.P. ROUTE 116 (IL. RTE. 130)
SECTION (F-X)RS-1, (113,120)RS-1
CUMBERLAND COUNTY
BEGINS STA. 459+50

EXIST. CURVE 1
PI STA. = 474+56.70
 Δ = 2° 17' 00" (LT)
D = 0° 21' 25"
R = 16,057.04'
T = 319.99'
L = 639.90'
E = 3.19'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 471+36.71
P.T. STA. = 477+76.61

460+00 465+00 470+00

EXIST. CURVE 1B
PI STA. = 476+44.90
 Δ = 30° 10' 00" (LT)
D = 15° 52' 08"
R = 361.06'
T = 97.31'
L = 190.10'
E = 12.88'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 475+47.59
P.T. STA. = 477+37.69

EXIST. CURVE 3
PI STA. = 487+14.57
 Δ = 27° 47' 00" (LT)
D = 11° 12' 43"
R = 511.02'
T = 126.39'
L = 247.80'
E = -15.40'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 485+88.18
P.T. STA. = 488+35.98

EXIST. CURVE 2
PI STA. = 481+46.12
 Δ = 50° 00' 00" (RT)
D = 15° 52' 05"
R = 361.08'
T = 168.37'
L = 315.10'
E = 37.33'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 479+77.74
P.T. STA. = 482+92.84

* MILL AND RESURFACE
U.S. RTE. 40 INTERSECTION
BACK TO STATIONS LISTED

FILE NAME =
ca:\pw_work\p\dot\swartzrw\d0147989\077410-sh1-plan.dgn

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DESIGNED -
DRAWN -
PLOT SCALE = 50.0000' / IN.
CHECKED -
PLOT DATE = 1/21/2010
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

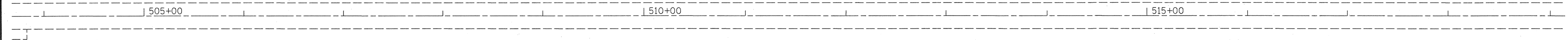
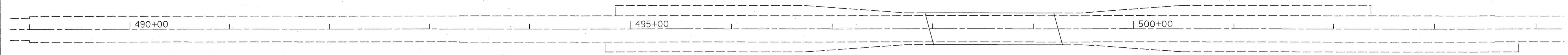
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: 50 SHEET NO. 1 OF 11 SHEETS STA. 459+50 TO STA. 489+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116		CUMBERLAND	25	15
CONTRACT NO. 74410				
ILLINOIS FED. AID PROJECT				

• (F-X)RS-1, (113,120)RS-1



• (F-X)RS-1, (113,120)RS-1

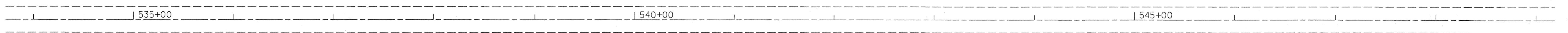
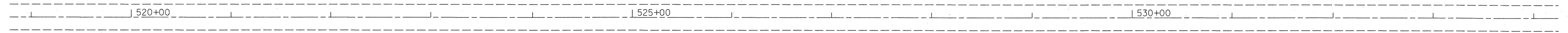
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	PLOT DATE = 1/21/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

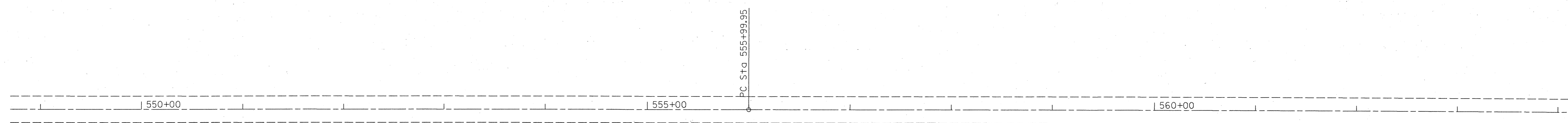
SCALE: 50 SHEET NO. 2 OF 11 SHEETS STA. 489+00 TO STA. 519+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	•	CUMBERLAND	25	16
CONTRACT NO. 74410			ILLINOIS FED. AID PROJECT	

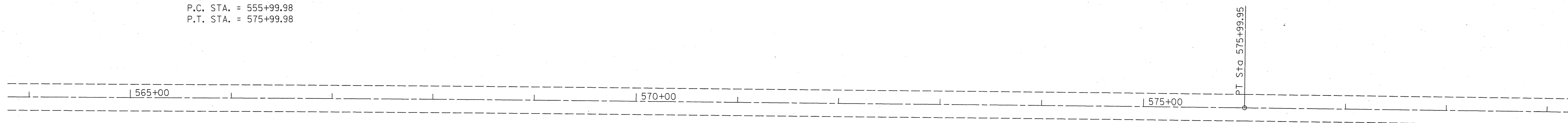


• (F-X)RS-1, (113,120)RS-1

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	PLOT DATE = 1/21/2010	DATE -	REVISED -		SCALE: 50	SHEET NO. 3 OF 11 SHEETS	STA. 519+00 TO STA. 549+00					

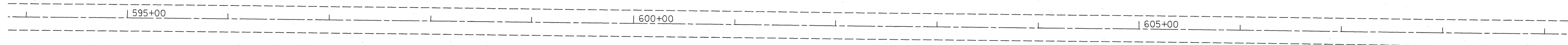
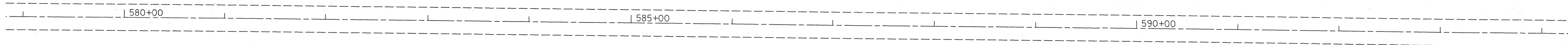


EXIST. CURVE 4
 PI STA. = 566+00.00
 $\Delta = 0^\circ 40' 00''$ (RT)
 $D = 0^\circ 02' 00''$
 $R = 171,887.34'$
 $T = 1,000.01'$
 $L = 2,000.00'$
 $E = 2.91'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. = 555+99.98
 P.T. STA. = 575+99.98



• (F-X)RS-1, (113,120)RS-1

FILE NAME = c:\pw_work\pwidot\swartzw\d0147989\077410-aht-plan.dgn	USER NAME = swartzw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -					116	•	CUMBERLAND	25	18	
	PLOT DATE = 1/21/2010	DATE -	REVISED -		SCALE: 50			SHEET NO. 4 OF 11 SHEETS			STA. 549+00 TO STA. 579+00		
								CONTRACT NO. 74410					
ILLINOIS FED. AID PROJECT													



• (F-X)RS-1, (113,120)RS-1

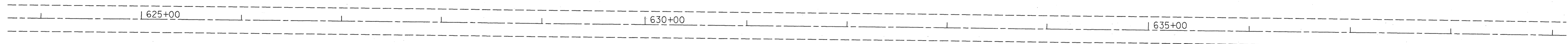
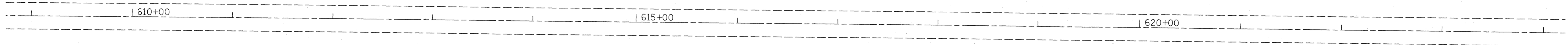
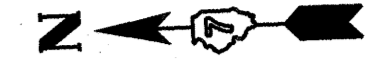
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	PLOT DATE = 1/21/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 50 SHEET NO. 5 OF 11 SHEETS STA. 579+00 5 TO STA. 609+00

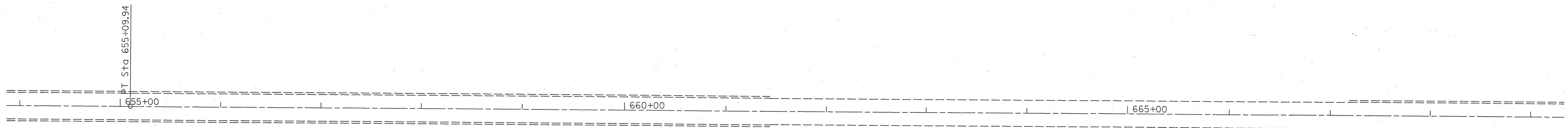
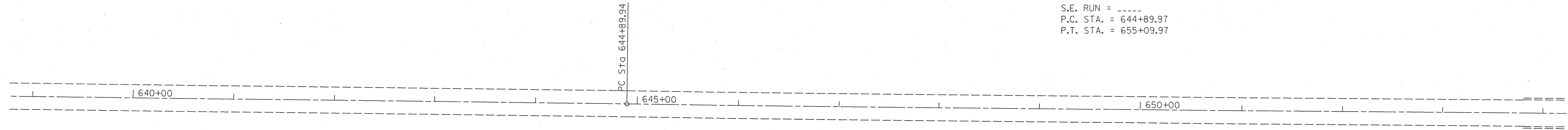
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	•	CUMBERLAND	25	19
CONTRACT NO. 74410			ILLINOIS FED. AID PROJECT	



• (F-XRS-1, (113,120)RS-1

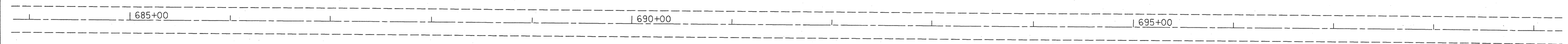
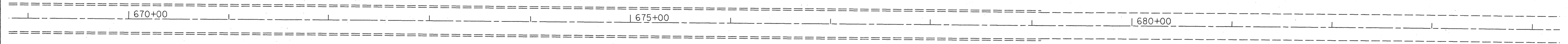
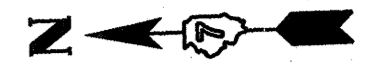
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	410-shk-plan.dgn	DRAWN -	REVISED -		116	•	CUMBERLAND	25	20				
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -			SCALE: 50			SHEET NO. 6 OF 11 SHEETS		STA. 609+00	TO STA. 639+00	CONTRACT NO. 74410	
PLOT DATE = 1/21/2010	DATE -	REVISED -			ILLINOIS FED. AID PROJECT								

EXIST. CURVE 5
 PI STA. = 649+99.97
 $\Delta = 0^\circ 17' 00''$ (LT)
 D = $0^\circ 01' 40''$
 R = 206,264.81'
 T = 510.00'
 L = 1,020.00'
 E = 0.63'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 644+89.97
 P.T. STA. = 655+09.97



• (F-X)RS-1, (113,120)RS-1

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	PLOT DATE = 1/21/2010	DATE -	REVISED -		SCALE: 50 SHEET NO. 7 OF 11 SHEETS STA. 639+00 TO STA. 669+00			CONTRACT NO. 74410				
								ILLINOIS FED. AID PROJECT				



• (F-X)RS-1, (113,120)RS-1

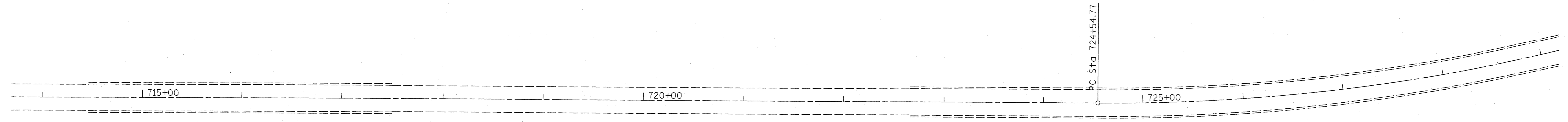
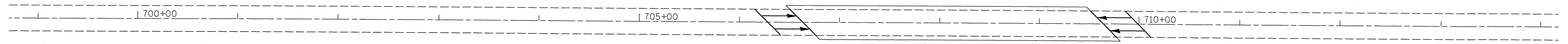
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	PLOT DATE = 1/21/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 50 SHEET NO. 8 OF 11 SHEETS STA. 669+00 TO STA. 699+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	*	CUMBERLAND	25	22
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74410	



• (F-X)RS-1, (113,120)RS-1

FILE NAME =
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PLOT SCALE = 50,0000 ' / IN.
PLOT DATE = 1/21/2010

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

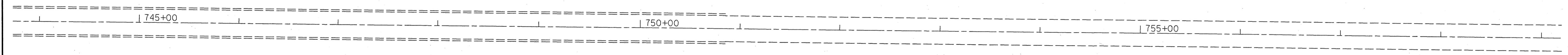
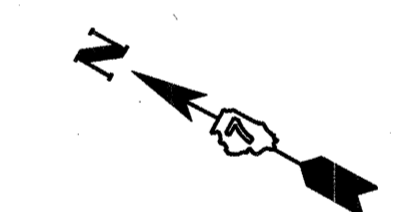
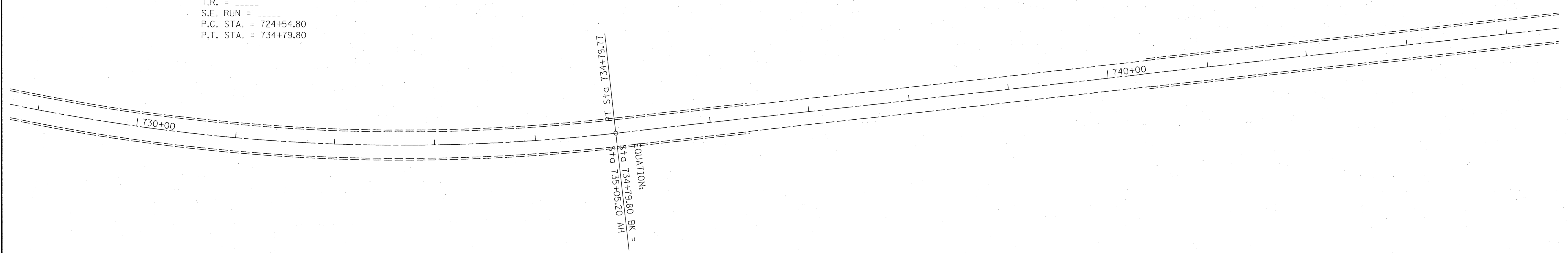
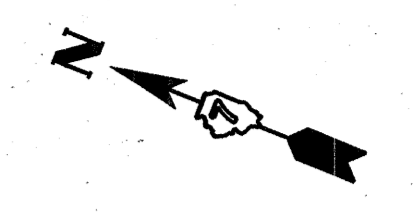
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 50 SHEET NO. 9 OF 11 SHEETS STA. 699+00 TO STA. 729+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	•	CUMBERLAND	25	23
CONTRACT NO. 74410				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE 6
 PI STA. = 729+79.97
 $\Delta = 30^\circ 45' 00''$ (LT)
 $D = 3^\circ 00' 00''$
 $R = 1,909.86'$
 $T = 525.17'$
 $L = 1,025.00'$
 $E = 70.89'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 724+54.80$
 $P.T. \text{ STA.} = 734+79.80$



• (F-XIRS-1, (113,120)RS-1

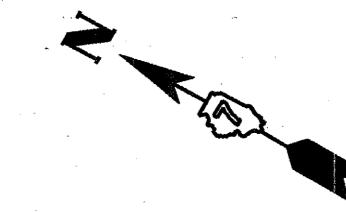
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	PLOT DATE = 1/21/2010	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

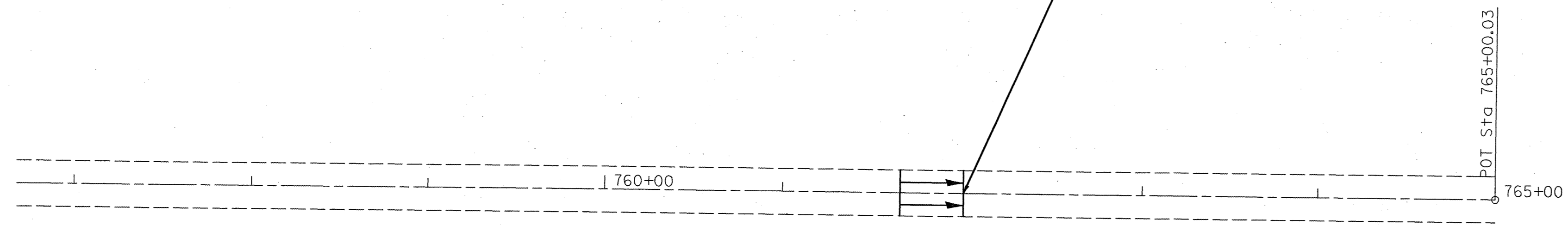
PLAN SHEETS

SCALE: 50 SHEET NO. 10 OF 11 SHEETS STA. 729+00 TO STA. 757+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	•	CUMBERLAND	25	24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74410	



F.A.P. ROUTE 116 (IL. RTE. 130)
 SECTION (F-X)RS-1, (113,120)RS-1
 CUMBERLAND COUNTY
 ENDS STA. 762+00



• (F-X)RS-1, (113,120)RS-1

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	410-sht-plan.dgn	DRAWN -	REVISED -				116	•	CUMBERLAND	25	25
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 74410						
	PLOT DATE = 1/21/2010	DATE -	REVISED -		SCALE: 50	SHEET NO. 11 OF 11 SHEETS	STA. 757+00 TO STA. 760+15	ILLINOIS FED. AID PROJECT			