

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

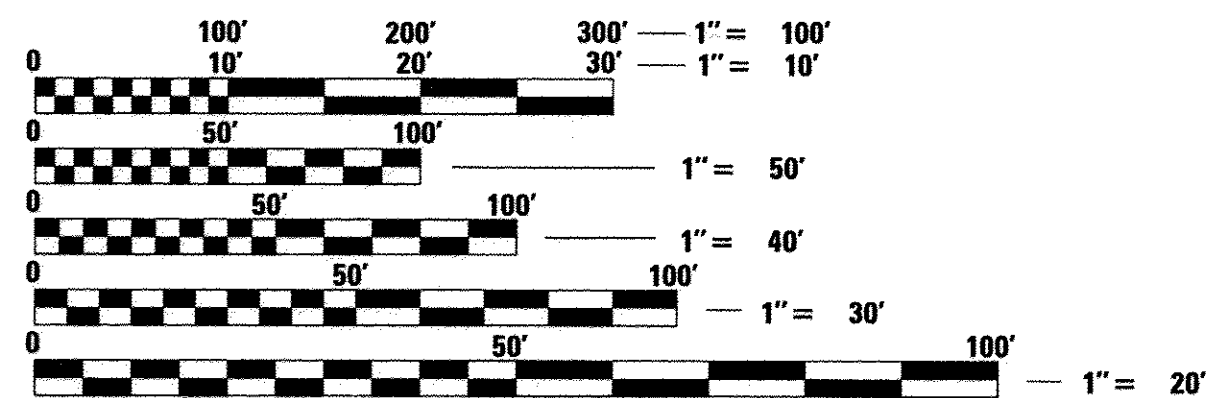
PROPOSED HIGHWAY PLANS

**CITY OF PEORIA
ALTA LANE /RADNOR ROAD
INTERSECTION IMPROVEMENT
FAS ROUTE 381 AND 387
SECTION 09-00342-00-PW
PROJECT NO. HSIP-5093(176)
INTERSECTION IMPROVEMENT
PEORIA COUNTY
C-94-016-10**

INDEX OF SHEETS, SEE SHEET NO. 2

LIST OF STANDARDS, SEE SHEET NO. 2

PROPOSED IMPROVEMENT: THIS PROJECT CONSISTS OF THE CONSTRUCTION OF A SINGLE LANE MODERN ROUNDABOUT AT THE INTERSECTION OF ALTA LANE AND RADNOR ROAD. CONSTRUCTION CONSISTS OF CULVERT REPLACEMENT, CONCRETE PAVEMENT, PCC SIDEWALK, STORM SEWER, COMBINATION CURB AND GUTTER, AND EARTHWORK.



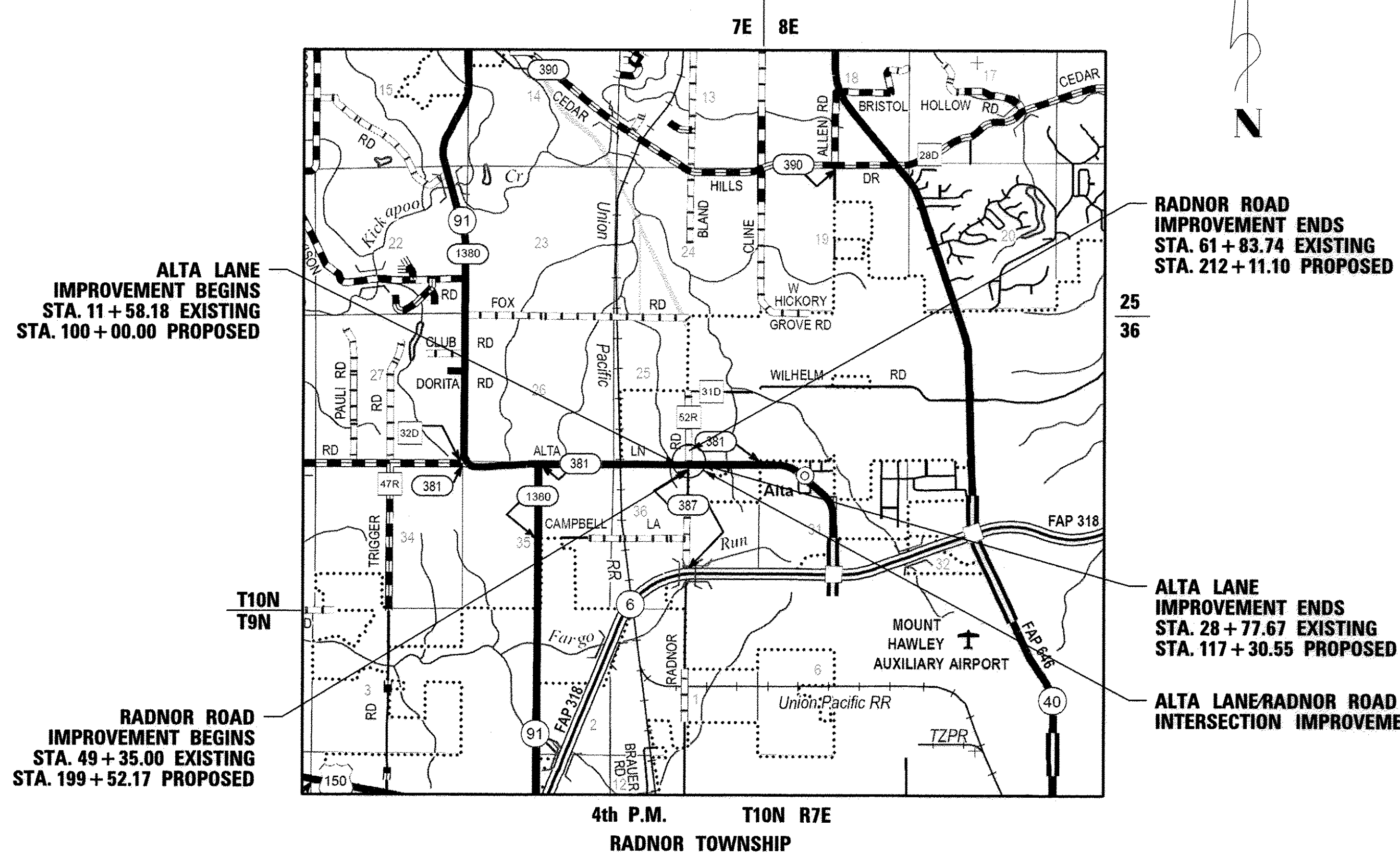
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.



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

**PROJECT ENGINEER: JEFF SPILLER
PROJECT MANAGER: RICK ANDERSON**

**CATALOG NO. 034337
CONTRACT NO. 89572**



GROSS AND NET LENGTH OF SECTION = 2968.2 FT. = 0.56 MILE
FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL (ALTA LN)/MAJOR COLLECTOR (RADNOR RD)
VARIANCES GRANTED: SAG VERTICAL CURVE, RADNOR ROAD STA. 204+87.00
COMMITMENTS: SEE SHEET 2

MAURER-STUTZ
ENGINEERS SURVEYORS
3116 N. DRIES LANE, SUITE 100
PEORIA, ILLINOIS 61604
PH. (309) 693-7615
FAX (309) 693-7616
PROFESSIONAL DESIGN FIRM #184-005754

ENGINEER'S SIGNATURE BOX

SIGNED: 1/3/17
LISC. EXP. DATE: 11/30/17

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

APPROVED: 1/3/17 (date)
[Signature]
City of Peoria, City Engineer

PASSED: Jan. 9th 2017 (date)
[Signature]
District 4 Engineer of Local Roads & Streets

RELEASING FOR BID BASED ON LIMITED REVIEW: January 9, 2017 (date)
[Signature]
Deputy Director of Highways, Region 3 Engineer

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

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GENERAL NOTES

THE WORK AREA SHALL BE POSITIVELY DRAINED DURING CONSTRUCTION. FINAL GRADES SHALL BE PROTECTED AGAINST DAMAGE FROM EROSION, SEDIMENTATION, AND TRAFFIC.

SETTING OF SECTION CORNER MONUMENTATION
 ALL SECTION CORNER LOCATION ON THIS PROJECT SHALL BE LOCATED AND VERIFIED BY A LICENSED LAND SURVEYOR PRIOR TO ANY REMOVAL WORK BEING PERFORMED. THE LAND SURVEYOR SHALL LOCATE THE EXISTING SECTION CORNERS THROUGH COURTHOUSE RESEARCH, PERSONAL KNOWLEDGE OR THROUGH THE ASSISTANCE OF LOCAL FIRMS PERFORMING LAND SURVEYING IN THE AREA. IF THE SECTION CORNER DOES NOT EXIST THROUGH EITHER ITS PHYSICAL LOCATION OR THROUGH TIES IN THE FIELD IT SHALL NOT BE RESET, THERE SHALL BE NO CALCULATING OF SECTION CORNERS ONTO A PROJECT REQUIRED. ONCE THE PAVING AND STRIPING OPERATIONS HAVE BEEN PERFORMED THE SECTION CORNER SHALL BE RESET AT THE DIRECTION OF A LICENSED LAND SURVEYOR. IF ANY DIMENSIONS HAVE BEEN CHANGED, IT SHALL BE THE RESPONSIBILITY OF THE SURVEYOR TO FILE A NEW MONUMENT RECORD IN THE APPROPRIATE COURTHOUSE. A COPY OF ALL DRAWINGS OR MONUMENT RECORDS PRODUCED FROM THIS PROJECT SHALL BE SENT TO THE CHIEF OF SURVEYS, ILLINOIS DEPARTMENT OF TRANSPORTATION, REGION THREE/DISTRICT FOUR, PEORIA, ILLINOIS. THE SUPPLYING, DRILLING, SETTING OF DISKS, PROFESSIONAL SERVICES, LABOR AND ANY OTHER ADDITIONAL WORK REQUIRED TO PERFORM THIS WORK SHALL BE PAID FOR UNDER PAY ITEM FOR PERMANENT SURVEY MARKERS, TYPE II. REFER TO DISTRICT FOUR CADD STANDARD 667101 FOR DETAILS.

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. THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:
 -BDE FORM 2289 (CULTURAL AND NATURAL RESOURCES REVIEW OF BORROW AREAS)
 -BDE FORM 2290 (WASTE/USE AREA REVIEW)
 -A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
 -COLOR PHOTOGRAPHS DEPICTING THE USE AREA
 -BORROW AREA ENTRY AGREEMENT FORM - D4 P10101

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS SHALL 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. PLEASE NOTE THAT A MINIMUM OF FOUR WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED WASTE SITE ENVIRONMENTAL CLEARANCES AND SIX WEEKS FOR THE REQUIRED BORROW SITE ENVIRONMENTAL CLEARANCES.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE(S):	SURFACE COURSE	BINDER	SHOULDER BOTTOM LIFT	SHOULDER TOP LIFT
AC/PG:	64-22	64-22	64-22	64-22
DESIGN AIR VOIDS:	4.0%@N=50	4.0%@N=50	4.0%@N=50	4.0%@N=50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5	IL-19.0	IL-19.0	IL-9.5
FRICTION AGGREGATE	MIXTURE C	N/A	N/A	MIXTURE C
QUALITY MANAGEMENT PROGRAM	QCQA	QCQA	QCQA	QCQA

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 MAXIMUM AGGREGATE SIZE.
- FOR DESIGN PURPOSES, MIXTURE WEIGHT FOR ALL MIXES IS DETERMINED TO BE 112.0 LBS/SY/IN UNLESS OTHERWISE NOTED.

POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) APPLICATION RATES

SURFACE TYPE	RESIDUAL RATE
MILLED (HMA OR PCC)	0.08 LB/SQ FT
EXISTING PAVEMENT	0.04 LB/SQ FT
FOG COAT (BETWEEN LIFTS)	0.04 LB/SQ FT

ALL EXISTING SURROUNDING AREA AND PROPERTY SHALL BE PROTECTED FROM DAMAGE AND LEFT UNDAIMAGED BY THE OPERATION OF THE CONTRACTOR. ANY OF THE SURROUNDING PROPERTY DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED TO AN EQUAL OR BETTER CONDITION THAN WHAT EXISTED PRIOR TO CONSTRUCTION AT THE CONTRACTOR'S EXPENSE.

EXCESS MATERIAL, IF NOT USED FOR OTHER ON-SITE PURPOSES, SHALL BE COMPLETELY REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF OFF-SITE BY THE CONTRACTOR.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITY COMPANIES LOCATE THEIR FACILITIES ON SITE PRIOR TO ANY CONSTRUCTION AND WILL BE HELD RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THEIR FACILITIES. THE CONTRACTOR, ON SITE, SHALL DETERMINE THE EXACT LOCATIONS OF THE UTILITIES. THE CONTRACTOR SHALL CALL J.U.L.I.E. @ 1-800-892-0123 FOR UTILITY LOCATIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS TO ANY UTILITY LINES AND EXISTING IMPROVEMENTS TO REMAIN THAT ARE DAMAGED AS A RESULT OF THE WORK.

PROPERTY OWNER ACCESS REQUIREMENT
 ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

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.

SIGN POST HOLES
 VERTICAL HOLES SHALL BE CONSTRUCTED IN THE CONCRETE MEDIAN SURFACE 4 INCH (SPECIAL). THE HOLES SHALL BE 24 INCHES IN DIAMETER OR 24 INCHES SQUARE AND THEY SHALL BE FREE OF ANY OBSTRUCTION, EXCEPT EARTH, FOR A DEPTH OF 5 FEET 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 CONCRETE MEDIAN SURFACE 4 INCH (SPECIAL). THE TOP 3 INCHES 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 FOR CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL).

POROUS GRANULAR EMBANKMENT
 POROUS GRANULAR EMBANKMENT SHALL BE PLACED ON TOP OF THE EXISTING CULVERTS UNDER THE PROPOSED ROADWAY PAVEMENT AND CURB PER THE DETAIL OF EXCAVATION AND BACKFILL FOR BOX CULVERTS

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.

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

THE PROJECT AREA MAY BE SUITABLE HABITAT FOR THE INDIANA AND NORTHERN LONG-EARED BATS. THEREFORE, TREES WILL NOT BE CLEARED FROM APRIL 1 THROUGH SEPTEMBER 30.

FILE NAME = S:\237\2010\23710010 (Alt-Radnor Intersection)\CADD\Sheets\489572-ahz-gen-note.dgn

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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANE /RADNOR ROAD INTERSECTION
INDEX OF SHEETS, GENERAL NOTES, LIST OF STANDARDS

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

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	2
387				CONTRACT NO. 89572

ILLINOIS FED. AID PROJECT

FILE NAME = S:\237\2010\2371000 (Alta-Radnor Intersection)\CADD\CADD Sheets\0489572-shr-500.dgn

CODE NO.	ITEM	UNIT	9010 (FED/STATE)	
			TOTAL QUANTITY	0003
20200100	EARTH EXCAVATION	CU YD	14,815	14,815
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,066	1,066
20300100	CHANNEL EXCAVATION	CU YD	10	10
20700220	POROUS GRANULAR EMBANKMENT	CU YD	64	64
20800150	TRENCH BACKFILL	CU YD	453	453
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	3,196	3,196
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	10,734	10,734
21101655	TOPSOIL FURNISH AND PLACE, 14"	SQ YD	1,192	1,192
21101695	TOPSOIL FURNISH AND PLACE, 30"	SQ YD	476	476
* 25000210	SEEDING, CLASS 2A	ACRE	2.25	2.25
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	203	203
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	203	203
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	203	203
* 25100115	MULCH, METHOD 2	ACRE	2.25	2.25
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2,250	2,250
28000305	TEMPORARY DITCH CHECKS	FOOT	600	600
28000400	PERIMETER EROSION BARRIER	FOOT	1,765	1,765
28000500	INLET AND PIPE PROTECTION	EACH	13	13
28000510	INLET FILTERS	EACH	10	10
28100105	STONE RIPRAP, CLASS A3	SQ YD	179	179
28100107	STONE RIPRAP, CLASS A4	SQ YD	17	17
28200200	FILTER FABRIC	SQ YD	195	195
35102400	AGGREGATE BASE COURSE, TYPE B 12"	SQ YD	14,684	14,684

CODE NO.	ITEM	UNIT	9010 (FED/STATE)	
			TOTAL QUANTITY	0003
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	213	213
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	73	73
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	11,687	11,687
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	1,812	1,812
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1,862	1,862
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	840	840
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	5,121	5,121
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	9,333	9,333
42400800	DETECTABLE WARNINGS	SQ FT	411	411
44000100	PAVEMENT REMOVAL	SQ YD	8,123	8,123
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	497	497
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	3,590	3,590
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1
50105220	PIPE CULVERT REMOVAL	FOOT	416	416
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	450	450
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2	2
54010604	PRECAST CONCRETE BOX CULVERTS 6' X 4'	FOOT	60	60
54215550	METAL END SECTIONS 15"	EACH	6	6
54248510	CONCRETE COLLAR	CU YD	9.6	9.6
54260311	TRAVERSABLE PIPE GRATE	FOOT	90	90
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	156	156
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	48	48

CODE NO.	ITEM	UNIT	9010 (FED/STATE)	
			TOTAL QUANTITY	0003
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	116	116
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	226	226
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	283	283
550A0400	STORM SEWERS, CLASS A, TYPE 2 21"	FOOT	262	262
55100500	STORM SEWER REMOVAL 12"	FOOT	42	42
55101200	STORM SEWER REMOVAL 24"	FOOT	113	113
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	2	2
60107600	PIPE UNDERDRAINS 4"	FOOT	1,341	1,341
60500060	REMOVING INLETS	EACH	2	2
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	13.7	13.7
60601805	CONCRETE CURB TRANSITION	FOOT	31	31
60602800	CONCRETE GUTTER, TYPE B	FOOT	276	276
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	236	236
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	4,460	4,460
60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	321	321
60624600	CORRUGATED MEDIAN	SQ FT	3,831	3,831
* 63200310	GUARDRAIL REMOVAL	FOOT	467	467
* 66500105	WOVEN WIRE FENCE, 4'	FOOT	871	871
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	1	1
67100100	MOBILIZATION	LSUM	1	1
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	2,013	2,013
* 81400100	HANDHOLE	EACH	4	4
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	6,308	6,308

* SPECIALTY ITEMS



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALTA LANE / RADNOR ROAD INTERSECTION
 SUMMARY OF QUANTITIES

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

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	3
387			CONTRACT NO. 89572	
ILLINOIS FED. AID PROJECT				

90/10
(FED/STATE)

ROADWAY

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0003
* 83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	120	120
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1
* Z0022800	FENCE REMOVAL	FOOT	995	995
Z0054400	ROCK FILL	CU YD	1,066	1,066
* C20154G5	SHRUB, JUNIPERUS VIRGINIANA BLUE MOUNTAIN, (BLUE MOUNTAIN JUNIPER), 5-GALLON	EACH	36	36
* K1005481	SHREDDED BARK MULCH 3"	SQ YD	1,668	1,668
* K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	34	34
* K0012992	PERENNIAL PLANTS, ORNAMENTAL TYPE, 2-GALLON POT	UNIT	0.55	0.55
X0327301	RELOCATE EXISTING MAILBOX	EACH	1	1
X2600007	REMOVE AND SALVAGE SIGN PANEL	EACH	17	17
X4200409	PORTLAND CEMENT CONCRETE PAVEMENT 9", SPECIAL	SQ YD	357	357
X6020080	INLETS, TYPE G-1, DOUBLE	EACH	1	1
X6020082	INLETS, TYPE G-1	EACH	1	1
X6021814	INLET-MANHOLE, TYPE G-1, 4' DIAMETER	EACH	1	1
X6021815	INLET-MANHOLE, TYPE G-1, 5' DIAMETER	EACH	1	1
X6021834	INLET-MANHOLE, TYPE G-1, 4' DIAMETER, DOUBLE	EACH	1	1
X6022230	MANHOLES, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	1	1
X6023508	INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE	EACH	1	1
X6028000	MANHOLES TO BE RECONSTRUCTED (SPECIAL)	EACH	1	1
X6061310	CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)	SQ FT	1,329	1,329
* X6650210	WOVEN WIRE GATES TO BE REMOVED AND RE-ERECTED	EACH	1	1
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1

* SPECIALTY ITEMS

90/10
(FED/STATE)

ROADWAY

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0003
* X8040102	ELECTRIC SERVICE INSTALLATION, SPECIAL	EACH	1	1
* X8250505	LIGHTING CONTROLLER, SPECIAL	EACH	1	1
* XX003120	YARD HYDRANT (FROST PROOF)	EACH	1	1
* XX003614	RECEPTACLE (GFI TYPE) WITH WEATHERPROOF COVER	EACH	1	1
* XX007039	STREET LIGHTING ASSEMBLY COMPLETE TYPE F1	EACH	3	3
* XX007040	STREET LIGHTING ASSEMBLY COMPLETE TYPE F2	EACH	9	9
# Z0076600	TRAINEES	HOURL	500	500
# Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	500	500

* SPECIALTY ITEMS

0042

FILE NAME: S:\237\2818\23710010 (Alta-Radnor-Intersection)\CADD\CADD_Sheets\0489572-shr-500.dgn



USER NAME = wllowis	DESIGNED -	REVISED -
PLOT SCALE = 1,0000' / 1" =	DRAWN -	REVISED -
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANE /RADNOR ROAD INTERSECTION
SUMMARY OF QUANTITIES

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

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381	09-00342-00-PW	PEORIA	72	4
387				
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89572	

20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)			(BY OTHERS)
LOCATION	UNIT	REMARKS		
13+62.56	41.8 LT	8.5	ALTA	
13+64.81	41.8 LT	12.0	ALTA	
13+71.56	41.8 LT	6.0	ALTA	
14+64.01	36.4 RT	13.0	ALTA	
14+70.93	34.4 RT	7.0	ALTA	
15+98.24	31.4 LT	15.0	ALTA	
16+01.13	32.1 LT	13.0	ALTA	
16+12.25	32.2 LT	11.0	ALTA	
16+23.32	33.5 LT	6.0	ALTA	
16+29.16	29.4 LT	14.0	ALTA	
51+66.27	31.6 LT	10.0	RADNOR	
51+67.57	36.4 LT	12.0	RADNOR	
51+92.27	24.0 LT	6.0	RADNOR	
51+97.45	26.3 LT	7.0	RADNOR	
52+05.88	25.2 LT	7.0	RADNOR	
52+14.39	26.4 LT	14.0	RADNOR	
52+37.10	26.5 LT	8.0	RADNOR	
52+48.67	24.1 LT	9.0	RADNOR	
52+74.52	25.8 LT	9.0	RADNOR	
54+55.02	28.7 LT	12.0	RADNOR	
55+73.06	28.2 LT	14.0	RADNOR	
56+21.29	28.6 LT	14.0	RADNOR	
TOTAL			228	

20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)			(BY OTHERS)
LOCATION	UNIT	REMARKS		
13+50.75	40.4 LT	29.0	ALTA	
13+67.06	41.8 LT	16.0	ALTA	
13+69.31	41.8 LT	19.0	ALTA	
14+56.85	41.3 RT	20.0	ALTA	
14+58.52	47.3 RT	18.0	ALTA	
14+66.31	55.6 RT	24.0	ALTA	
16+40.11	30.0 LT	22.0	ALTA	
17+01.34	40.1 LT	24.0	ALTA	
16+84.28	32.8 LT	38.0	ALTA	
18+42.18	32.8 LT	49.0	ALTA	
18+26.84	31.9 LT	55.0	ALTA	
51+65.27	49.8 LT	19.0	RADNOR	
51+67.09	42.0 LT	38.0	RADNOR	
51+67.16	28.2 LT	34.0	RADNOR	
51+85.89	23.3 LT	33.0	RADNOR	
52+07.08	25.7 LT	19.0	RADNOR	
52+25.41	26.4 LT	28.0	RADNOR	
52+43.52	27.0 LT	16.0	RADNOR	
52+52.66	24.1 LT	42.0	RADNOR	
52+65.97	26.3 LT	27.0	RADNOR	
52+87.65	25.8 LT	45.0	RADNOR	
53+66.64	45.3 LT	48.0	RADNOR	
54+85.30	27.6 LT	34.0	RADNOR	
55+18.86	28.3 LT	21.0	RADNOR	
55+48.60	27.8 LT	23.0	RADNOR	
55+63.84	26.6 LT	20.0	RADNOR	
55+86.10	25.5 LT	25.0	RADNOR	
56+07.67	29.3 LT	17.0	RADNOR	
56+28.86	27.1 LT	22.0	RADNOR	
56+34.86	30.1 LT	18.0	RADNOR	
TOTAL			843	

20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL		
LOCATION	CU YD	REMARKS	
16+00.00 TO 18+00.00	409.1	ALTA	
51+32.00 TO 54+82.00	656.1	RADNOR	
TOTAL 1,065.2			

20300100	CHANNEL EXCAVATION		
LOCATION	CU YD	REMARKS	
13+49.95 TO 13+64.53 LT	2.50		
14+00.45 TO 14+19.44 RT	7.41		
TOTAL 9.9			

20700220	POROUS GRANULAR EMBANKMENT		
LOCATION	CU YD	REMARKS	
13+81.76	63.9	CL	
TOTAL 63.9			

20800150	TRENCH BACKFILL		
LOCATION	CU YD	REMARKS	
STR 1 TO STR 2	12.5	PIPE A	
STR 4 TO STR 3	8.2	PIPE B	
STR 3 TO STR 1	98.1	PIPE C	
STR 6 TO STR 3	231.0	PIPE D	
STR 5 TO STR 6	11.3	PIPE E	
STR 7 TO STR 6	81.7	PIPE F	
STR 8 TO STR 7	9.7	PIPE G	
TOTAL 452.4			

21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION		
LOCATION	SQ YD	REMARKS	
16+00.00 TO 18+00.00	1,227.3	ALTA	
51+32.00 TO 54+82.00	1,968.3	RADNOR	
TOTAL 3,195.6			

21101615	TOPSOIL FURNISH AND PLACE, 4"		
LOCATION	SQ YD	REMARKS	
100+00.00 TO 107+99.68 LT	1641.4	ALTA LT PGL	
100+00.00 TO 100+29.72 RT	43.4	ALTA RT PGL	
100+50.00 TO 103+05.79 RT	492.4	ALTA RT PGL	
103+31.77 TO 107+92.98 RT	1092.1	ALTA RT PGL	
106+83.25 TO 107+67.56 RT	34.2	ALTA RT PGL	
107+12.71 TO 107+69.23 LT	24.9	ALTA LT PGL	
75+15.01 TO 75+74.15 RT	39.6	CENTRAL ROADWAY	
75+25.58 TO 75+58.57 RT	66.7	CENTRAL ROADWAY	
76+30.72 TO 76+90.70 RT	40.4	CENTRAL ROADWAY	
76+43.34 TO 76+72.25 RT	39.1	CENTRAL ROADWAY	
77+44.57 TO 78+01.11 RT	38.8	CENTRAL ROADWAY	
77+57.47 TO 77+80.84 RT	59.0	CENTRAL ROADWAY	
78+56.41 TO 79+18.71 RT	41.7	CENTRAL ROADWAY	
78+69.14 TO 79+00.09 RT	79.1	CENTRAL ROADWAY	
109+32.04 TO 110+71.33 RT	86.8	ALTA RT PGL	
109+37.57 TO 111+04.76 LT	320.9	ALTA LT PGL	
109+68.88 TO 110+23.49 RT	24.3	ALTA RT PGL	
109+69.42 TO 110+37.80 LT	26.7	ALTA LT PGL	
110+59.37 TO 117+30.55 RT	1490.5	ALTA RT PGL	
110+85.00 TO 114+03.29 LT	469.8	ALTA LT PGL	
114+27.56 TO 117+30.55 LT	307.6	ALTA LT PGL	
199+52.17 TO 201+53.12 LT	417.7	RADNOR LT PGL	
199+52.17 TO 206+29.97 RT	1238.7	RADNOR RT PGL	
201+69.42 TO 203+34.88 LT	502.0	RADNOR LT PGL	
203+47.75 TO 206+33.79 LT	474.9	RADNOR LT PGL	
205+12.27 TO 206+05.10 RT	37.6	RADNOR RT PGL	

205+69.27 TO 206+07.16 LT	16.3	RADNOR LT PGL
207+67.44 TO 211+48.49 RT	971.2	RADNOR RT PGL
207+74.02 TO 212+11.10 LT	496.0	RADNOR LT PGL
208+04.58 TO 208+64.75 RT	27.1	RADNOR RT PGL
208+06.02 TO 208+96.29 LT	36.8	RADNOR LT PGL
211+78.77 TO 212+11.10 RT	55.5	RADNOR RT PGL
TOTAL 10,733.05		

21101655	TOPSOIL FURNISH AND PLACE, 14"		
LOCATION	SQ YD	REMARKS	
WEST SPLITTER ISLAND	393.3		
NORTH SPLITTER ISLAND	337.9		
EAST SPLITTER ISLAND	205.4		
SOUTH SPLITTER ISLAND	254.8		
TOTAL 1,191.4			

21101695	TOPSOIL FURNISH AND PLACE, 30"		
LOCATION	SQ YD	REMARKS	
CENTRAL ISLAND	475.7		
TOTAL 475.7			

25000210	SEEDING, CLASS 2A		
LOCATION	ACRE	REMARKS	
100+00.00 TO 107+99.68 LT	0.34	ALTA LT PGL	
100+00.00 TO 100+29.72 RT	0.01	ALTA RT PGL	
100+50.00 TO 103+05.79 RT	0.10	ALTA RT PGL	
103+31.77 TO 107+92.98 RT	0.23	ALTA RT PGL	
106+83.25 TO 107+67.56 RT	0.01	ALTA RT PGL	
107+12.71 TO 107+69.23 LT	0.01	ALTA LT PGL	
75+15.01 TO 75+74.15 RT	0.01	CENTRAL ROADWAY	
75+25.58 TO 75+58.57 RT	0.01	CENTRAL ROADWAY	
76+30.72 TO 76+90.70 RT	0.01	CENTRAL ROADWAY	
76+43.34 TO 76+72.25 RT	0.01	CENTRAL ROADWAY	
77+44.57 TO 78+01.11 RT	0.01	CENTRAL ROADWAY	
77+57.47 TO 77+80.84 RT	0.01	CENTRAL ROADWAY	
78+56.41 TO 79+18.71 RT	0.01	CENTRAL ROADWAY	
78+69.14 TO 79+00.09 RT	0.02	CENTRAL ROADWAY	
109+32.04 TO 110+71.33 RT	0.02	ALTA RT PGL	
109+37.57 TO 111+04.76 LT	0.07	ALTA LT PGL	
109+68.88 TO 110+23.49 RT	0.01	ALTA RT PGL	
109+69.42 TO 110+37.80 LT	0.01	ALTA LT PGL	
110+59.37 TO 117+30.55 RT	0.31	ALTA RT PGL	
110+85.00 TO 114+03.29 LT	0.10	ALTA LT PGL	
114+27.56 TO 117+30.55 LT	0.06	ALTA LT PGL	
199+52.17 TO 201+53.12 LT	0.09	RADNOR LT PGL	
199+52.17 TO 206+29.97 RT	0.26	RADNOR RT PGL	
201+69.42 TO 203+34.88 LT	0.10	RADNOR LT PGL	
203+47.75 TO 206+33.79 LT	0.10	RADNOR LT PGL	
205+12.27 TO 206+05.10 RT	0.01	RADNOR RT PGL	
205+69.27 TO 206+07.16 LT	0.01	RADNOR LT PGL	
207+67.44 TO 211+48.49 RT	0.20	RADNOR RT PGL	
207+74.02 TO 212+11.10 LT	0.10	RADNOR LT PGL	
208+04.58 TO 208+64.75 RT	0.01	RADNOR RT PGL	
208+06.02 TO 208+96.29 LT	0.01	RADNOR LT PGL	
211+78.77 TO 212+11.10 RT	0.01	RADNOR RT PGL	
TOTAL 2.22 ROUND TO NEAREST 0.25 ACRE			

25000400	NITROGEN FERTILIZER NUTRIENT		
LOCATION	POUND	REMARKS	
ENTIRE PROJECT	202.5		
TOTAL 202.5			

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANE /RADNOR ROAD INTERSECTION
SCHEDULE OF QUANTITIES

SCALE: SHEET NO. 1 OF 5 SHEETS STA. TO STA.

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	5
387			CONTRACT NO. 89572	
ILLINOIS FED. AID PROJECT				

25000500 PHOSPHORUS FERTILIZER NUTRIENT			
LOCATION	POUND	REMARKS	
ENTIRE PROJECT	202.5		
TOTAL	202.5		

25000600 POTASSIUM FERTILIZER NUTRIENT			
LOCATION	POUND	REMARKS	
ENTIRE PROJECT	202.5		
TOTAL	202.5		

25100115 MULCH, METHOD 2			
LOCATION	ACRE	REMARKS	
ENTIRE PROJECT	2.25		
TOTAL	2.25		

28000250 TEMPORARY EROSION CONTROL SEEDING			
LOCATION	POUND	REMARKS	
ENTIRE PROJECT	2,250.0		
TOTAL	2,250.0		

28000305 TEMPORARY DITCH CHECKS				
LOCATION		FOOT	REMARKS	
11+58.19 TO 13+55.57	LT	90.0	ALTA LN	
13+62.33 TO 18+00.00	LT	110.0	ALTA LN	
11+58.19 TO 14+03.89	RT	30.0	ALTA LN	
14+10.72 TO 18+00.00	RT	100.0	ALTA LN	
22+00.00 TO 28+77.67	RT	100.0	ALTA LN	
49+35.00 TO 53+00.00	LT	70.0	RADNOR RD	
49+35.00 TO 53+00.00	RT	100.0	RADNOR RD	
TOTAL		600.0		

28000400 PERIMETER EROSION BARRIER				
LOCATION		FOOT	REMARKS	
NW QUADRANT		469.9		
NE QUADRANT		1,088.9		
SE QUADRANT		205.9		
TOTAL		1,764.7		

28000500 INLET AND PIPE PROTECTION				
LOCATION		EACH	REMARKS	
11+66.64	22.6 LT	1	ALTA	
15+03.72	42.6 RT	1	ALTA	
51+19.50	29.0 LT	1	RADNOR	
53+00.00	30.1 LT	1	RADNOR	
53+00.00	38.1 RT	1	RADNOR	
55+16.47	42.0 LT	1	RADNOR	
55+16.41	12.8 RT	1	RADNOR	
55+29.56	43.5 LT	1	RADNOR	
55+29.14	10.3 RT	1	RADNOR	
58+13.82	3.0 LT	1	RADNOR	
58+15.70	47.2 RT	1	RADNOR	
60+33.64	23.0 LT	1	RADNOR	
60+34.64	27.4 RT	1	RADNOR	
TOTAL		13.0		

28000510 INLET FILTERS				
LOCATION		EACH	REMARKS	
205+32.22	18.1 RT	1	RADNOR RT PGL	
205+37.45	21.8 LT	1	RADNOR LT PGL	
205+45.16	17.4 RT	1	RADNOR RT PGL	

205+50.61	21.6	LT	1	RADNOR LT PGL
208+38.96	18.0	LT	1	RADNOR LT PGL
208+39.75	17.2	RT	1	RADNOR RT PGL
210+60.93	17.3	RT	1	RADNOR RT PGL
210+61.49	17.3	LT	1	RADNOR LT PGL
62+34.74	20.1	RT	1	RADNOR RD
62+36.94	20.1	LT	1	RADNOR RD
TOTAL	10.0			

28100105 STONE RIPRAP, CLASS A3					
LOCATION			SQ YD	REMARKS	
13+39.50 TO 13+57.15	LT		16.31	ALTA	
13+62.33 TO 14+01.68	LT		41.66	ALTA	
13+49.05 TO 14+03.89	RT		60.25	ALTA	
14+09.86 TO 14+27.32	RT		17.29	ALTA	
18+06.08 TO 18+17.06	LT		11.11	ALTA	
22+39.60 TO 22+52.89	LT		11.11	ALTA	
17+83.60 TO 17+94.56	RT		11.11	ALTA	
22+21.70 TO 22+32.71	RT		9.95	ALTA	
TOTAL			178.8		

28100107 STONE RIPRAP, CLASS A4					
LOCATION			SQ YD	REMARKS	
13+49.95 TO 13+64.53	LT		4.1	ALTA	
14+00.45 TO 14+19.44	RT		12.1	ALTA	
TOTAL			16.2		

28200200 FILTER FABRIC					
LOCATION			SQ YD	REMARKS	
13+39.50 TO 13+57.15	LT		16.3	ALTA	
13+62.33 TO 14+01.68	LT		41.7	ALTA	
13+49.05 TO 14+03.89	RT		60.3	ALTA	
14+09.86 TO 14+27.32	RT		17.3	ALTA	
18+06.08 TO 18+17.06	LT		11.1	ALTA	
22+39.60 TO 22+52.89	LT		11.1	ALTA	
17+83.60 TO 17+94.56	RT		11.1	ALTA	
22+21.70 TO 22+32.71	RT		9.9	ALTA	
13+49.95 TO 13+64.53	LT		4.1	ALTA	
14+00.45 TO 14+19.44	RT		12.1	ALTA	
TOTAL			195.0		

35102400 AGGREGATE BASE COURSE, TYPE B 12"					
LOCATION			SQ YD	REMARKS	
WEST LEG			3,504.7	ALTA	
EAST LEG			3,495.0	ALTA	
SOUTH LEG			2,903.6	RADNOR	
NORTH LEG			2,772.0	RADNOR	
WEST SPLITTER ISLAND			34.6	ALTA	
EAST SPLITTER ISLAND			38.7	ALTA	
SOUTH SPLITTER ISLAND			32.1	RADNOR	
NORTH SPLITTER ISLAND			42.2	RADNOR	
CENTRAL ROADWAY			1,860.2	ROUNDAABOUT	
TOTAL			14,683.1		

40200800 AGGREGATE SURFACE COURSE, TYPE B					
LOCATION			TON	REMARKS	
100+39.86	RT		24.0	ALTA RT PGL	
103+18.78	RT		27.4	ALTA RT PGL	
114+15.42	LT		23.5	ALTA LT PGL	
201+61.27	LT		27.1	RADNOR LT PGL	
203+44.89	LT		72.1	RADNOR LT PGL	
211+63.56	RT		38.9	RADNOR RT PGL	
TOTAL			212.9		

40201000 AGGREGATE FOR TEMPORARY ACCESS			
LOCATION		TON	REMARKS
203+44.89	LT	72.05	RADNOR LT PGL
TOTAL		72.1	

40600275 BITUMINOUS MATERIALS (PRIME COAT)				
LOCATION		POUND	REMARKS	
ON AGG BASE				
100+00.00 TO 103+86.77		2981.96	ALTA LT PGL	
111+96.01 TO 117+30.55		4498.83	ALTA LT PGL	
199+52.17 TO 203+72.23		3151.30	RADNOR LT PGL	
211+07.90 TO 212+11.10		1054.41	RADNOR LT PGL	
TOTAL		11,686.5		

40600295 POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)				
LOCATION		POUND	REMARKS	
FOG COAT				
100+00.00 TO 103+86.77		460.35	ALTA LT PGL	
111+96.01 TO 117+30.55		696.65	ALTA LT PGL	
199+52.17 TO 203+72.23		486.01	RADNOR LT PGL	
211+07.90 TO 212+11.10		168.70	RADNOR LT PGL	
TOTAL		1,811.7		

40603080 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50				
LOCATION		TON	REMARKS	
100+00.00 TO 103+86.77		473.94	ALTA LT PGL	
111+96.01 TO 117+30.55		716.10	ALTA LT PGL	
199+52.17 TO 203+72.23		500.61	RADNOR LT PGL	
211+07.90 TO 212+11.10		170.58	RADNOR LT PGL	
TOTAL		1,861.2		

40603310 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50				
LOCATION		TON	REMARKS	
100+00.00 TO 103+86.77		213.02	ALTA LT PGL	
111+96.01 TO 117+30.55		322.61	ALTA LT PGL	
199+52.17 TO 203+72.23		224.84	RADNOR LT PGL	
211+07.90 TO 212+11.10		78.73	RADNOR LT PGL	
TOTAL		839.2		

42000301 PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)					
LOCATION			SQ YD	REMARKS	
103+86.77 TO 107+87.10	LT		557.59	ALTA LT PGL	
103+86.90 TO 107+85.07	RT		582.37	ALTA RT PBL	
75+00.00 TO 79+58.65			1293.54	CIRLCLE ROADWAY	
109+45.47 TO 111+95.74	LT		381.78	ALTA LT PGL	
109+44.73 TO 111+96.43	RT		371.22	ALTA RT PGL	
203+72.23 TO 206+23.33	LT		358.18	RADNOR LT PGL	
203+72.40 TO 206+22.06	RT		390.57	RADNOR RT PGL	
207+81.93 TO 211+07.86	LT		596.42	RADNOR LT PGL	
207+79.02 TO 211+07.75	RT		588.37	RADNOR RT PGL	
TOTAL			5,120.1		

42400100 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH				
LOCATION			SQ FT	REMARKS
NW QUADRANT			2,425.6	
SW QUADRANT			1,174.4	
NE QUADRANT			2,332.2	
SE QUADRANT			2,477.1	
WEST SPLITTER ISLAND			244.4	
NORTH SPLITTER ISLAND			233.7	
EAST SPLITTER ISLAND			208.8	
SOUTH SPLITTER ISLAND			237.0	
TOTAL			9,333.0	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANE /RADNOR ROAD INTERSECTION
SCHEDULE OF QUANTITIES

F.A.S. RTE. 381	CITY SECTION 09-00342-00-PW	COUNTY PEORIA	TOTAL SHEETS 72	SHEET NO. 6
CONTRACT NO. 89572			ILLINOIS FED. AID PROJECT	

SCALE: SHEET NO. 2 OF 5 SHEETS STA. TO STA.

42400800 DETECTABLE WARNINGS				
LOCATION			SQ FT	REMARKS
106+81.73	23.5	RT	16.97	PRTPALTAA
107+11.36	26.2	LT	16.39	PLTPALTAA
107+70.64	19.7	RT	10.12	PRTPALTAA
107+70.22	3.4	LT	20.16	PRTPALTAA
107+71.79	3.6	RT	20.08	PLTPALTAA
107+71.93	18.7	LT	10.06	PLTPALTAA
109+61.72	3.5	LT	20.01	PRTPALTAA
109+62.73	3.4	RT	20.00	PLTPALTAA
109+62.71	20.0	LT	20.52	PLTPALTAA
109+63.32	19.3	RT	20.00	PRTPALTAA
110+24.99	25.3	RT	14.12	PRTPALTAA
110+39.38	22.5	LT	13.90	PLTPALTAA
205+10.70	24.1	RT	16.97	PRTPRDNRA
205+67.83	22.6	LT	17.98	PLTPRDNRA
206+06.93	3.3	LT	18.71	PRTPRDNRA
206+08.02	19.6	RT	10.03	PRTPRDNRA
206+09.66	19.4	LT	10.04	PLTPRDNRA
206+09.66	3.6	RT	20.00	PLTPRDNRA
207+97.17	3.6	LT	20.13	PRTPRDNRA
207+99.19	3.4	RT	20.00	PLTPRDNRA
207+99.21	19.7	RT	20.00	PRTPRDNRA
207+99.43	19.9	LT	20.00	PLTPRDNRA
208+66.57	21.0	RT	16.97	PRTPRDNRA
208+98.12	21.0	LT	16.97	PLTPRDNRA
TOTAL			410.1	

44000100 PAVEMENT REMOVAL				
LOCATION			SQ YD	REMARKS
11+58.19	TO	28+77.67	4,650.7	ALTA
49+35.00	TO	56+68.17	1,848.4	RADNOR
56+93.40	TO	61+83.74	1,622.9	RADNOR
TOTAL			8,122.1	

44000500 COMBINATION CURB AND GUTTER REMOVAL					
LOCATION			FOOT	REMARKS	
59+34.77	TO	61+83.74	LT	248.7	RADNOR
59+35.82	TO	61+83.74	RT	248.2	RADNOR
TOTAL			496.9		

48203021 HOT-MIX ASPHALT SHOULDERS, 6"					
LOCATION			SQ YD	REMARKS	
100+00.00	TO	107+48.14	LT	660.24	ALTA LT PGL
100+00.00	TO	107+01.21	RT	622.66	ALTA RT PGL
109+87.64	TO	117+30.55	RT	650.00	ALTA RT PGL
110+29.34	TO	117+30.55	LT	618.11	ALTA LT PGL
199+52.17	TO	205+85.28	LT	536.01	RADNOR LT PGL
199+52.17	TO	205+37.72	RT	502.91	RADNOR RT PGL
TOTAL			3,589.9		

50100100 REMOVAL OF EXISTING STRUCTURES				
LOCATION			EACH	REMARKS
13+75.85			1	ALTA LN
TOTAL			1	

50105220 PIPE CULVERT REMOVAL				
LOCATION			FOOT	REMARKS
11+96.81		23.5 RT	27.9	ALTA
15+82.56		20.8 LT	27.8	ALTA
15+84.12		20.8 RT	27.2	ALTA
19+92.86		CL	62.5	ALTA

20+42.92		CL	79.1	ALTA
26+86.16		23.7 LT	25.2	ALTA
51+46.74		17.5 LT	30.4	RADNOR
54+33.09		21.5 LT	30.2	RADNOR
58+86.22		19.0 LT	29.9	RADNOR
58+96.06		18.6 RT	38.0	RADNOR
59+10.95		CL	37.2	RADNOR
TOTAL			415.4	

54001001 BOX CULVERT END SECTIONS, CULVERT NO. 1					
LOCATION			EACH	REMARKS	
13+58.96		47.3	LT	1	ALTA LN
14+07.29		52.9	RT	1	ALTA LN
TOTAL			2.0		

54010604 PRECAST CONCRETE BOX CULVERTS, 6' X 4'					
LOCATION			FOOT	REMARKS	
13+81.76		CL	60.0	ALTA LN	
TOTAL			60.0		

54215550 METAL END SECTIONS 15"					
LOCATION			EACH	REMARKS	
100+11.97		22.9	RT	1	ALTA RT PGL
100+67.16		27.0	RT	1	ALTA RT PGL
102+93.43		34.8	RT	1	ALTA RT PGL
103+43.34		31.7	RT	1	ALTA RT PGL
201+40.42		29.0	LT	1	RADNOR LT PGL
201+85.42		29.0	LT	1	RADNOR LT PGL
TOTAL			6		

54260311 TRAVERSABLE PIPE GRATE					
LOCATION			FOOT	REMARKS	
13+58.96		47.3	LT	44.92	
14+07.29		52.9	RT	44.92	
TOTAL			89.83		

542D0220 PIPE CULVERTS, CLASS D, TYPE 1 15"					
LOCATION			FOOT	REMARKS	
100+12.25	TO	100+66.88	RT	57.0	ALTA RT PGL
102+93.43	TO	103+43.34	RT	52.0	ALTA RT PGL
201+40.42	TO	201+85.42	LT	47.0	RADNOR LT PGL
TOTAL			156.0		

550A0050 STORM SEWERS, CLASS A, TYPE 1 12"					
LOCATION			FOOT	REMARKS	
STR 3	TO	STR 4		47.2	RADNOR
TOTAL			47.2		

550A0340 STORM SEWERS, CLASS A, TYPE 2 12"					
LOCATION			FOOT	REMARKS	
STR 5	TO	STR 6		50.7	RADNOR
STR 7	TO	STR 8		65.2	RADNOR
TOTAL			115.9		

550A0360 STORM SEWERS, CLASS A, TYPE 2 15"					
LOCATION			FOOT	REMARKS	
STR 6	TO	STR 7		225.5	RADNOR
TOTAL			225.5		

550A0380 STORM SEWERS, CLASS A, TYPE 2 18"					
LOCATION			FOOT	REMARKS	
STR 3	TO	STR 6		282.2	RADNOR
TOTAL			282.2		

550A0400 STORM SEWERS, CLASS A, TYPE 2 21"					
LOCATION			FOOT	REMARKS	

STR 1	TO	STR 2		46.6	RADNOR
STR 1	TO	STR 3		215.3	RADNOR
TOTAL			261.9		

55100500 STORM SEWER REMOVAL 12"					
LOCATION			FOOT	REMARKS	
60+33.76, 18.	TO	60+34.62, 18.4	RT	37.0	RADNOR
60+34.66, 20.	TO	60+34.61, 24.5	RT	4.5	RADNOR
TOTAL			41.5		

55101200 STORM SEWER REMOVAL 24"					
LOCATION			FOOT	REMARKS	
59+20.84	TO	60+32.60	RT	112.3	RADNOR
TOTAL			112.3		

60100060 CONCRETE HEADWALLS FOR PIPE DRAINS					
LOCATION			EACH	REMARKS	
15+20.00		LT	1	ALTA	
15+57.00		RT	1	ALTA	
TOTAL			2		

60107600 PIPE UNDERDRAINS 4"					
LOCATION			FOOT	REMARKS	
15+20.00	TO	18+00.00	LT	294.2	ALTA
15+57.00	TO	18+00.00	RT	259.6	ALTA
51+32.00	TO	55+29.56	LT	400.9	RADNOR
51+32.00	TO	55+16.14	RT	385.8	RADNOR
TOTAL			1,340.5		

60500060 REMOVING INLETS					
LOCATION			EACH	REMARKS	
60+33.72		20.1	LT	1	RADNOR
60+34.66		20.1	RT	1	RADNOR
TOTAL			2		

60600095 CLASS SI CONCRETE (OUTLET)					
LOCATION			CU YD	REMARKS	
106+69.86		RT	3.07	ALTA RT PGL	
106+98.70		LT	3.07	ALTA LT PGL	
110+34.75		RT	3.07	ALTA RT PGL	
110+60.68		LT	3.07	ALTA LT PGL	
203+51.63		RT	0.73	RADNOR RT PGL	
203+64.54		LT	0.73	RADNOR LT PGL	
TOTAL			13.7		

60601805 CONCRETE CURB TRANSITION					
LOCATION			FOOT	REMARKS	
204+78.51	TO	204+93.72	RT	15.3	RADNOR RT PGL
205+11.79	TO	205+26.76	LT	15.0	RADNOR LT PGL
TOTAL			30.3		

60602800 CONCRETE GUTTER, TYPE B					
LOCATION			FOOT	REMARKS	
203+51.63	TO	204+78.51		129.68	RADNOR RT PGL
203+64.53	TO	205+11.79		145.72	RADNOR LT PGL
TOTAL			275.4		

60604400 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18					
LOCATION			FOOT	REMARKS	
75+00.00	TO	79+58.65		235.6	ROUNDBOUT
TOTAL			235.6		

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALTA LANE /RADNOR ROAD INTERSECTION
SCHEDULE OF QUANTITIES**

SCALE:	SHEET NO. 3 OF 5 SHEETS	STA. TO STA.	F.A.S. RTE. 381	CITY SECTION 09-00342-00-PW	COUNTY PEORIA	TOTAL SHEETS 72	SHEET NO. 7
							CONTRACT NO. 89572
ILLINOIS FED. AID PROJECT							

60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24		
LOCATION	FOOT	REMARKS
NW QUADRANT	576.5	
SW QUADRANT	269.1	
NE QUADRANT	597.4	
SE QUADRANT	274.3	
RADNOR N SPLITTER ISLAND	727.3	
RADNOR S SPLITTER ISLAND	572.6	
ALTA W SPLITTER ISLAND	874.6	
ALTA E SPLITTER ISLAND	567.9	
TOTAL	4,459.6	

60608582 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24		
LOCATION	FOOT	REMARKS
75+00.00 TO 79+59.65	320.4	TRUCK APRON
TOTAL	320.4	

60624600 CORRUGATED MEDIAN		
LOCATION	SQ FT	REMARKS
WEST SPLITTER ISLAND	1208.23	ALTA LN
NORTH SPLITTER ISLAND	843.91	RADNOR RD
EAST SPLITTER ISLAND	791.80	ALTA LN
SOUTH SPLITTER ISLAND	986.36	RADNOR RD
TOTAL	3,830.3	

63200310 GUARDRAIL REMOVAL		
LOCATION	FOOT	REMARKS
12+26.61 TO 14+53.61 RT	227.3	ALTA LANE
12+91.45 TO 15+30.82 LT	239.4	ALTA LANE
TOTAL	466.7	

66500105 WOVEN WIRE FENCE, 4'		
LOCATION	FOOT	REMARKS
13+46.80 TO 14+66.28 RT	119.7	ALTA LANE
14+83.78 TO 19+00.00 RT	416.7	ALTA LANE
51+68.80 TO 53+10.52 LT	141.7	RADNOR ROAD
54+55.10 TO 56+28.36 LT	192.4	RADNOR ROAD
TOTAL	870.5	

66700305 PERMANENT SURVEY MARKERS, TYPE II		
LOCATION	EACH	REMARKS
CENTRAL ISLAND	1.0	
TOTAL	1.0	

81028350 UNDERGROUND CONDUIT, PVC, 2" DIA.		
LOCATION	FOOT	REMARKS
Controller To HH-1	15.0	
HH-1 To L-1	19.5	
L-1 To L-2	90.4	
L-2 To L-3	242.1	
L-2 To L-4	79.5	
L-4 To HH-2	13.6	
HH-2 To L-5	83.5	
L-5 To L-6	394.4	
Controller To HH-1	15.0	
HH-1 To L-8	90.5	
L-8 To L-7	398.0	
L-8 To HH-3	27.1	
HH-3 To L-9	66.5	
L-9 To L-11	81.3	
L-11 To L-12	294.9	
L-11 To HH-4	26.6	
HH-4 To L-10	74.8	
TOTAL	2,012.7	

81400100 HANDHOLE		
LOCATION	EACH	REMARKS
76+79.35 HH-1 39.8 RT	1	CIRCLE ROADWAY
206+19.06 HH-2 34.2 LT	1	RADNOR LT PGL
109+54.87 HH-3 37.5 LT	1	ALTA LT PGL
207+94.20 HH-4 39.7 LT	1	RADNOR LT PGL
TOTAL	4	

81702130 ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6		
LOCATION	FOOT	REMARKS
Controller Slack	3.0	
Controller T HH-1	15.0	
HH-1 Slack	6.0	
HH-1 T L-1	19.5	
L-1 Slack	6.0	
L-1 T L-2	90.4	
L-2 Slack	6.0	
L-2 T L-3	242.1	
L-3 Slack	3.0	
L-2 T L-4	79.5	
L-4 Slack	6.0	
L-4 T HH-2	13.6	
HH-2 Slack	6.0	
HH-2 T L-5	83.5	
L-5 Slack	6.0	
L-5 T L-6	394.4	
L-6 Slack	3.0	
Controller T HH-1	15.0	
HH-1 Slack	6.0	
HH-1 T L-8	90.5	
L-8 Slack	6.0	
L-8 T L-7	398.0	
L-7 Slack	3.0	
L-8 T HH-3	27.1	
HH-3 Slack	6.0	
HH-3 T L-9	66.5	
L-9 Slack	6.0	
L-9 T L-11	81.3	
L-11 Slack	6.0	
L-11 T L-12	294.9	
L-12 Slack	3.0	
L-11 T HH-4	26.6	
HH-4 Slack	6.0	
HH-4 T L-10	74.8	
L-10 Slack	3.0	
LENGTH TOTAL	2102.7	x 3 6,308.1

83600300 LIGHT POLE FOUNDATION, 30" DIAMETER		
LOCATION	FOOT	REMARKS
109+48.05 L-1 22.7 RT	10.0	ALTA RT PGL
205+96.68 L-2 21.5 RT	10.0	RADNOR RT PGL
203+51.63 L-3 23.6 RT	10.0	RADNOR RT PGL
206+20.19 L-4 22.7 LT	10.0	RADNOR LT PGL
107+58.94 L-5 21.8 RT	10.0	ALTA RT PGL
103+61.35 L-6 22.0 RT	10.0	ALTA RT PGL
113+80.12 L-7 22.0 LT	10.0	ALTA LT PGL
109+81.35 L-8 21.7 LT	10.0	ALTA LT PGL
207+84.61 L-9 23.4 RT	10.0	RADNOR RT PGL
107+84.57 L-10 21.5 LT	10.0	ALTA LT PGL
208+17.75 L-11 21.8 LT	10.0	RADNOR LT PGL
211+15.40 L-12 20.4 LT	10.0	RADNOR LT PGL
TOTAL	120.0	

Z0022800 FENCE REMOVAL		
LOCATION	FOOT	REMARKS
13+46.72 TO 15+75.31 RT	237.8	ALTA LANE
15+92.84 TO 19+84.75 RT	392.6	ALTA LANE
51+63.20 TO 53+08.23 LT	162.2	RADNOR ROAD
54+55.47 TO 56+46.25 LT	201.9	RADNOR ROAD
TOTAL	994.5	

Z0054400 ROCK FILL		
LOCATION	CU YD	REMARKS
16+00.00 TO 18+00.00	409.1	ALTA
51+32.00 TO 54+82.00	656.1	RADNOR
TOTAL	1,065.2	

K1005481 SHREDDED BARK MULCH 3"		
LOCATION	SQ YD	REMARKS
WEST SPLITTER ISLAND	393.3	
NORTH SPLITTER ISLAND	337.9	
EAST SPLITTER ISLAND	205.4	
SOUTH SPLITTER ISLAND	254.8	
CENTRAL ISLAND	475.7	
TOTAL	1,667.2	

X0327301 RELOCATE EXISTING MAILBOX		
LOCATION	EACH	REMARKS
54+20.97 14.3 RT	1.0	RADNOR
TOTAL	1.0	

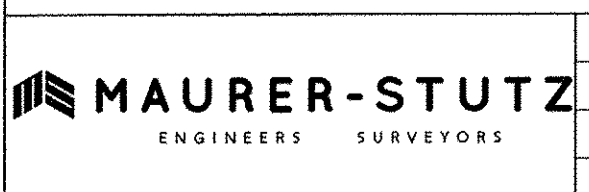
X2600007 REMOVE AND SALVAGE SIGN PANEL		
LOCATION	EACH	REMARKS
15+55.20 18.3 RT	1	ALTA LANE
18+20.71 21.3 RT	1	ALTA LANE
19+80.53 16.6 LT	1	ALTA LANE
19+80.66 18.1 RT	1	ALTA LANE
20+61.29 17.9 LT	1	ALTA LANE
20+61.44 20.9 RT	1	ALTA LANE
22+17.52 22.6 LT	1	ALTA LANE
23+93.13 16.9 LT	1	ALTA LANE
28+18.19 30.9 RT	1	ALTA LANE
49+83.53 16.6 LT	1	RADNOR ROAD
49+84.19 17.1 RT	1	RADNOR ROAD
55+11.48 13.0 RT	1	RADNOR ROAD
55+97.10 21.3 RT	1	RADNOR ROAD
56+48.95 26.0 RT	1	RADNOR ROAD
56+40.60 19.8 RT	1	RADNOR ROAD
57+18.99 14.4 LT	1	RADNOR ROAD
57+89.44 25.6 LT	1	RADNOR ROAD
TOTAL	17.0	

X4200409 PORTLAND CEMENT CONCRETE PAVEMENT 9", SPECIAL		
LOCATION	SQ YD	REMARKS
75+00.00 TO 79+58.65	356.3	TRUCK APRON
TOTAL	356.3	

X6020080 INLETS, TYPE G-1, DOUBLE		
LOCATION	EACH	REMARKS
205+45.16 18.1 RT	1.0	RADNOR RT PGL
TOTAL	1.0	

X6020082 INLETS, TYPE G-1		
LOCATION	EACH	REMARKS
208+39.75 16.0 RT	1	RADNOR RT PGL
TOTAL	1.0	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANE /RADNOR ROAD INTERSECTION
SCHEDULE OF QUANTITIES

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	8
387				CONTRACT NO. 89572

SCALE: SHEET NO. 4 OF 5 SHEETS STA. TO STA.

[ILLINOIS] FED. AID PROJECT

X6021814 INLET-MANHOLE, TYPE G-1, 4' DIAMETER				
LOCATION			EACH	REMARKS
208+39.24	16.3	LT	1.0	RADNOR LT PGL
TOTAL			1.0	

X6021815 INLET-MANHOLE, TYPE G-1, 5' DIAMETER				
LOCATION			EACH	REMARKS
210+61.47	14.8	LT	1.0	RADNOR LT PGL
TOTAL			1.0	

X6021834 INLET-MANHOLE, TYPE G-1, 4' DIAMETER, DOUBLE				
LOCATION			EACH	REMARKS
205+50.35	19.8	LT	1	RADNOR LT PGL
TOTAL			1.0	

X6022230 MANHOLES, TYPE A, 4'-DIAMETER, WITH SPECIAL FRAME AND GRATE				
LOCATION			EACH	REMARKS
203+18.16	29.0	LT	1	RADNOR LT PGL
TOTAL			1	

X6023508 INLETS, TYPE A, WITH SPECIAL FRAME AND GRATE				
LOCATION			EACH	REMARKS
203+18.02	28.3	RT	1.0	RADNOR RT PGL
TOTAL			1.0	

X6028000 MANHOLES TO BE RECONSTRUCTED (SPECIAL)				
LOCATION			EACH	REMARKS
210+60.93	18.1	RT	1	RADNOR RT PGL
TOTAL			1	

X6061310 CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)				
LOCATION			SQ FT	REMARKS
NORTH SPLITTER ISLAND			380.15	
EAST SPLITTER ISLAND			348.03	
SOUTH SPLITTER ISLAND			288.78	
WEST SPLITTER ISLAND			311.46	
TOTAL			1,328.4	

X6650210 WOVEN WIRE GATES TO BE REMOVED AND RE-ERECTED				
LOCATION			EACH	REMARKS
14+66.28 TO 14+83.78	60	RT	1	ALTA
TOTAL			1.0	

X8040102 ELECTRIC SERVICE INSTALLATION, SPECIAL				
LOCATION			EACH	REMARKS
76+70	40.2	RT	1	CIRCLE ROADWAY
TOTAL			1	

X8250505 LIGHTING CONTROLLER, SPECIAL				
LOCATION			EACH	REMARKS
76+71.98	32.9	RT	1	CIRCLE ROADWAY
TOTAL			1	

XX003120 YARD HYDRANT (FROST PROOF)				
LOCATION			EACH	REMARKS
CENTRAL ISLAND			1	
TOTAL			1	

XX003614 RECEPTACLE (GFI TYPE) WITH WEATHERPROOF COVER				
LOCATION			EACH	REMARKS
CENTRAL ISLAND			1	
TOTAL			1	

XX007039 STREET LIGHTING ASSEMBLY COMPLETE TYPE F1					
LOCATION				EACH	REMARKS
203+51.63	23.6	RT		1	L-3 RADNOR RT PGL
103+61.35	22.0	RT		1	L-6 ALTA RT PGL
113+80.12	22.0	LT		1	L-7 ALTA LT PGL
TOTAL				3.0	

XX007040 STREET LIGHTING ASSEMBLY COMPLETE TYPE F2					
LOCATION				EACH	REMARKS
109+48.05	22.7	RT		1	L-1 ALTA RT PGL
205+96.68	21.5	RT		1	L-2 RADNOR RT PGL
206+20.19	22.7	LT		1	L-4 RADNOR LT PGL
107+58.94	21.8	RT		1	L-5 ALTA RT PGL
109+81.35	21.7	LT		1	L-8 ALTA LT PGL
207+84.61	23.4	RT		1	L-9 RADNOR RT PGL
107+84.57	21.5	LT		1	L-10 ALTA LT PGL
208+17.15	21.8	LT		1	L-11 RADNOR LT PGL
211+15.40	20.4	LT		1	L-12 RADNOR LT PGL
TOTAL				9.0	

LOCATION	EARTH EXCAVATION	EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT (FILL)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD
ALTA LANE	7,533.12	5649.84	1,541.02	4108.8
RADNOR ROAD	7,281.59	5461.19	2,855.08	2606.1
TOTAL	14,814.71	11111.03	4,396.10	6714.9
ROUNDED TOTAL	14815	11110	4395	6715
EARTH EXCAVATION 14,815 CU YD				

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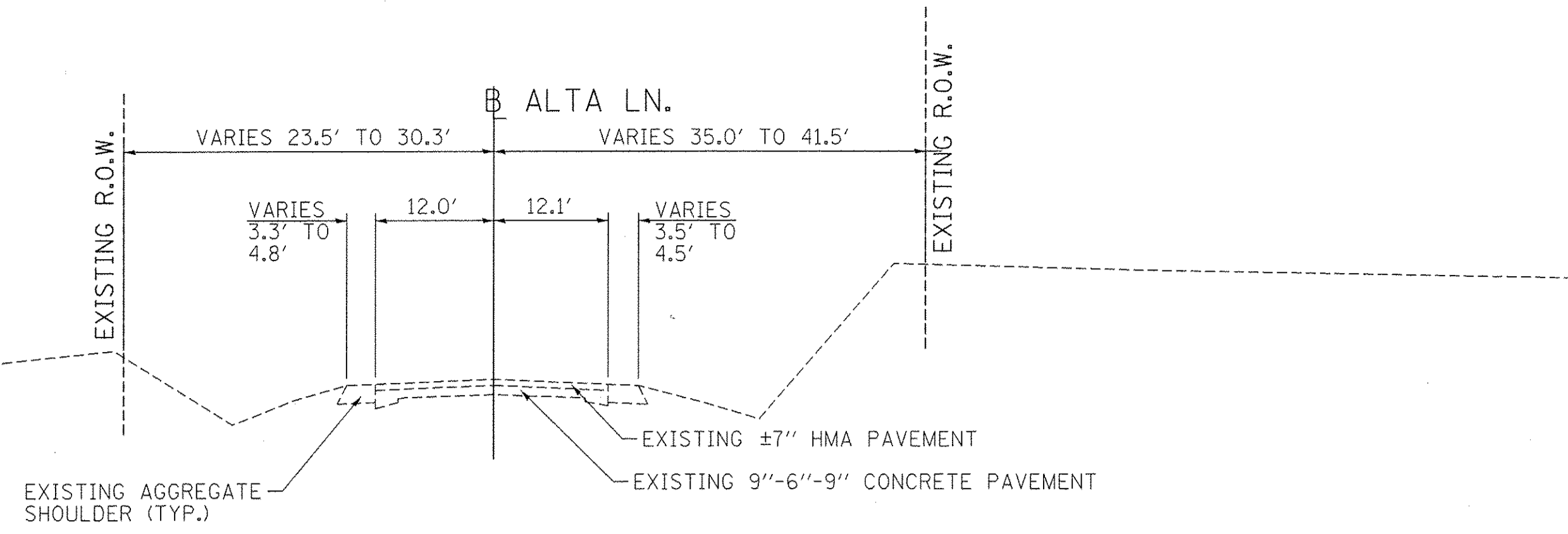
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALTA LANE /RADNOR ROAD INTERSECTION
SCHEDULE OF QUANTITIES**

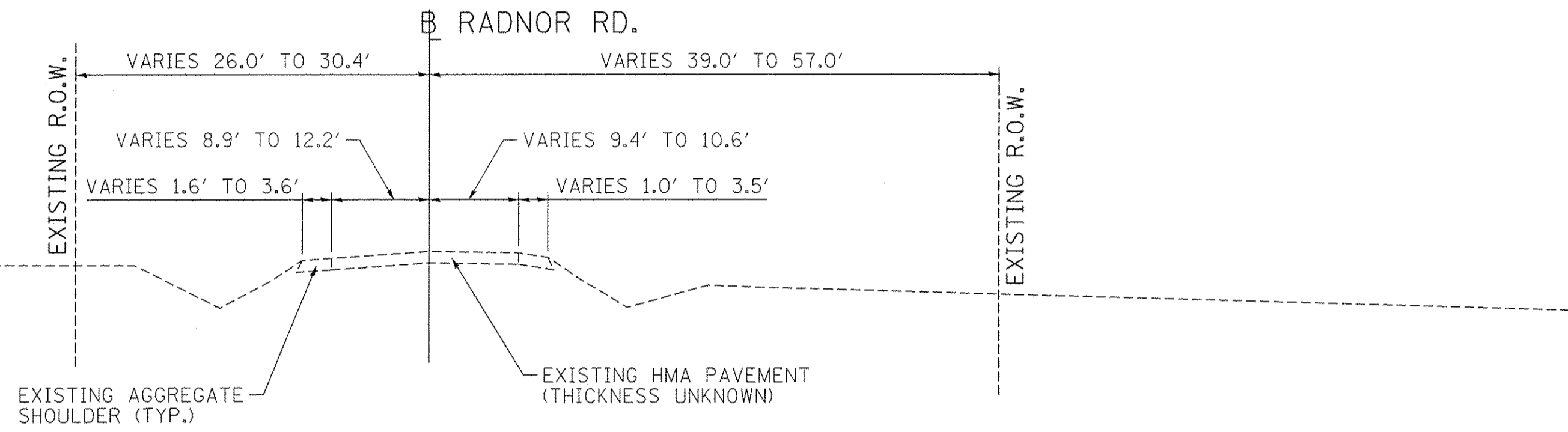
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F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	9
387	CONTRACT NO. 89572			

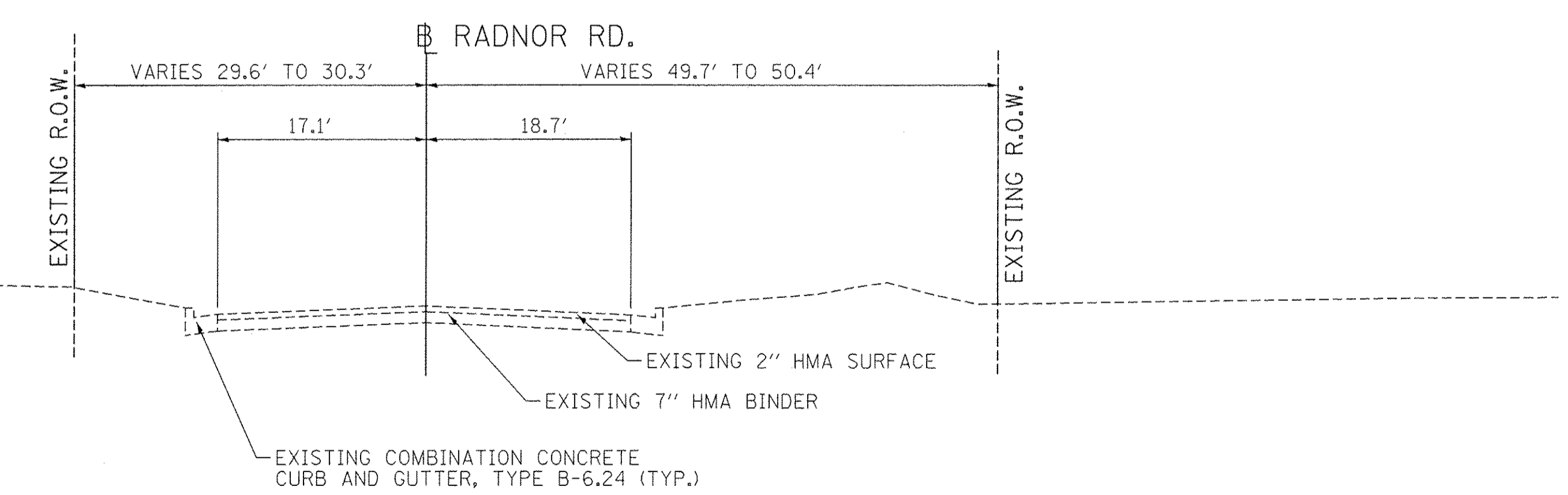
ILLINOIS FED. AID PROJECT



EXISTING TYPICAL SECTION
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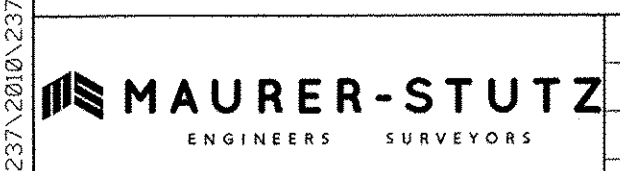


EXISTING TYPICAL SECTION
STA. 199+52.17 TO STA. 209+61.79 (RADNOR ROAD)



EXISTING TYPICAL SECTION
STA. 209+61.79 TO STA. 212+11.10 (RADNOR ROAD)

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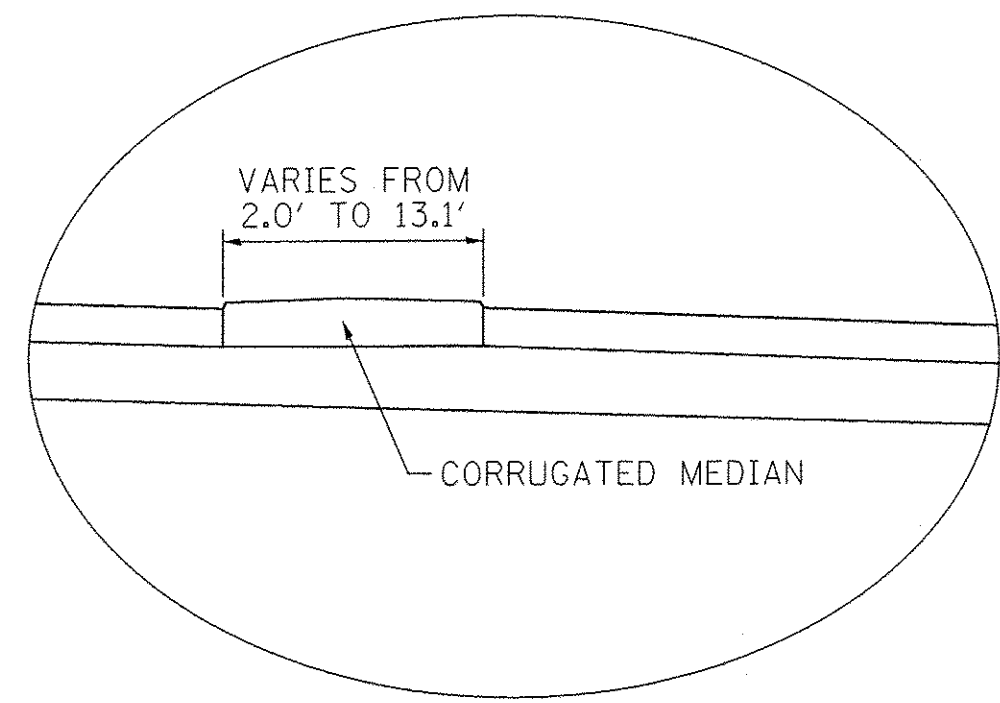
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANE /RADNOR ROAD INTERSECTION
EXISTING TYPICAL SECTIONS

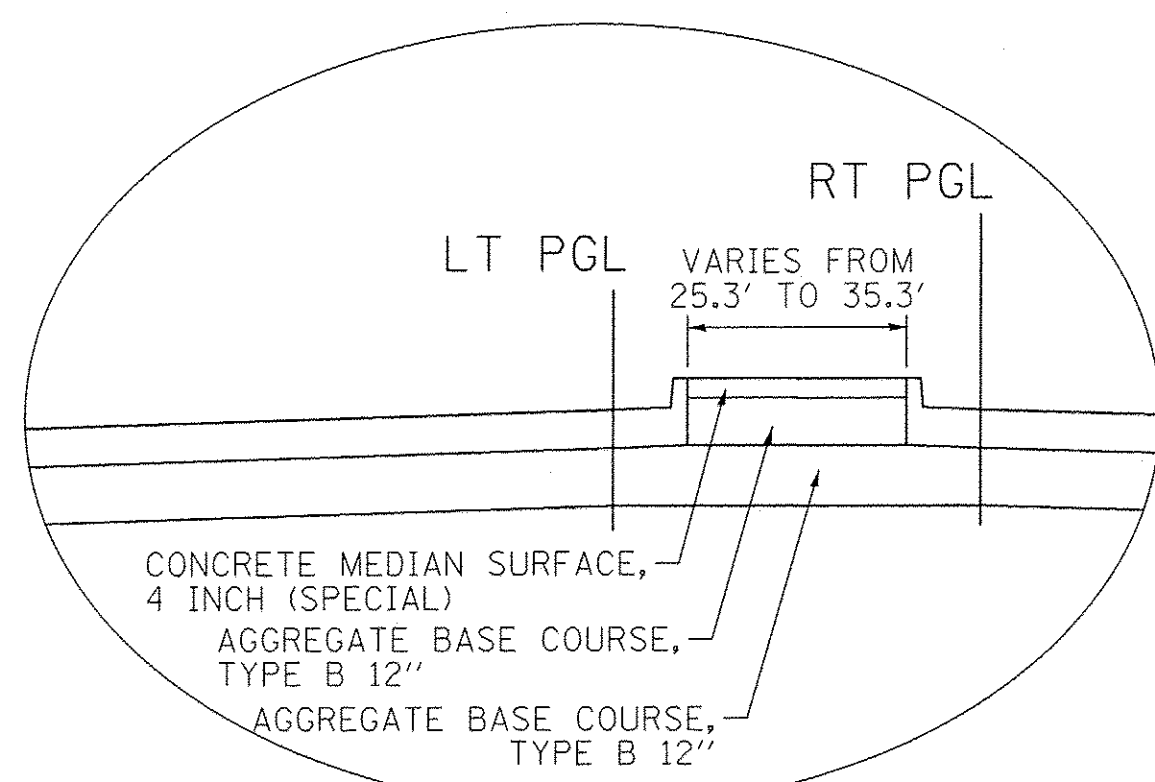
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F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	10
387	CONTRACT NO. 89572		ILLINOIS FED. AID PROJECT	



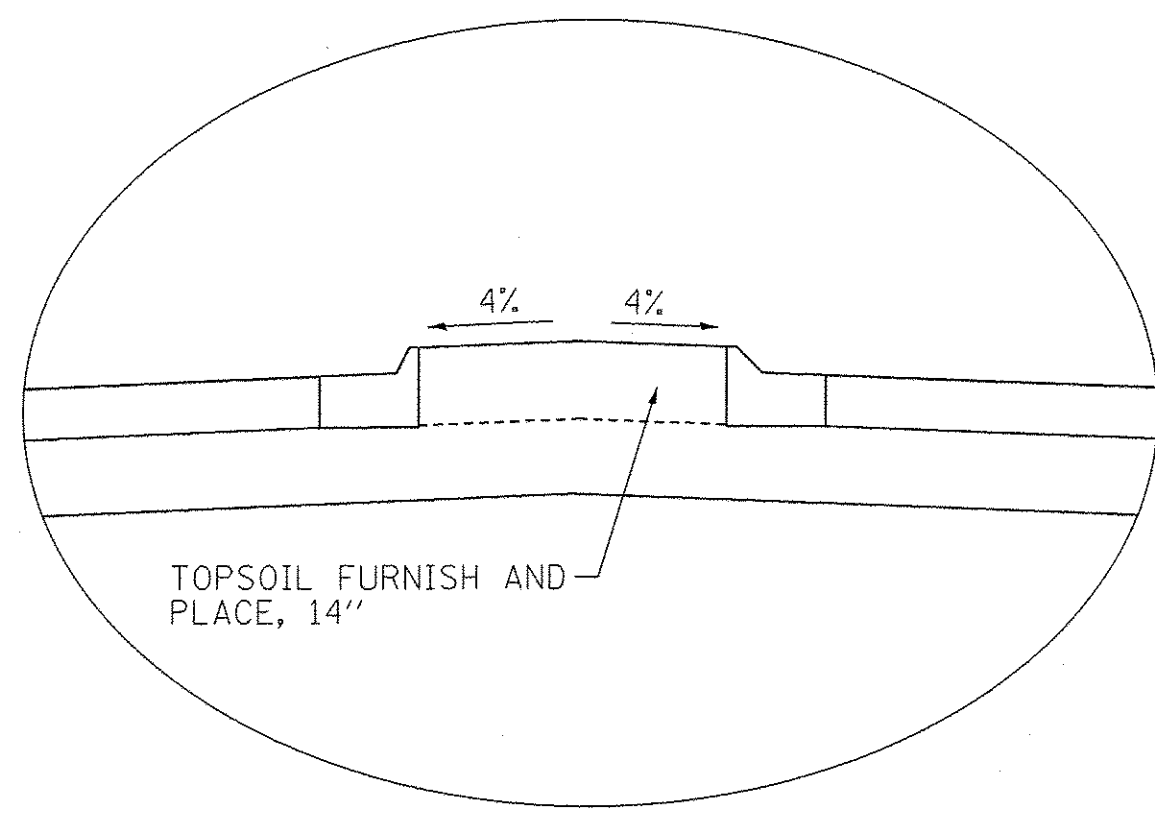
CORRUGATED MEDIAN DETAIL

STA. 102+56.71 TO STA. 103+86.75 (LT PGL)
 STA. 111+95.74 TO STA. 112+95.27 (LT PGL)
 STA. 202+72.99 TO STA. 203+71.96 (LT PGL)



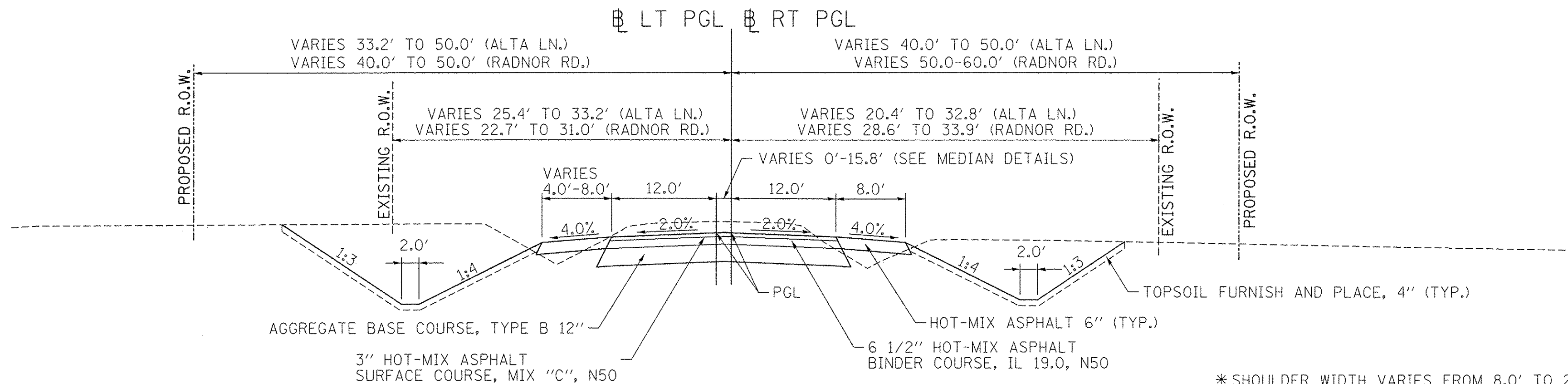
CONCRETE MEDIAN SURFACE DETAIL

STA. 107+68.10 TO STA. 107+89.91 (LT PGL)
 STA. 109+44.40 TO STA. 109+68.14 (LT PGL)



TOPSOIL MEDIAN DETAIL

STA. 103+86.75 TO STA. 107+68.10 (LT PGL)
 STA. 109+68.14 TO STA. 111+95.74 (LT PGL)



PROPOSED TYPICAL SECTION

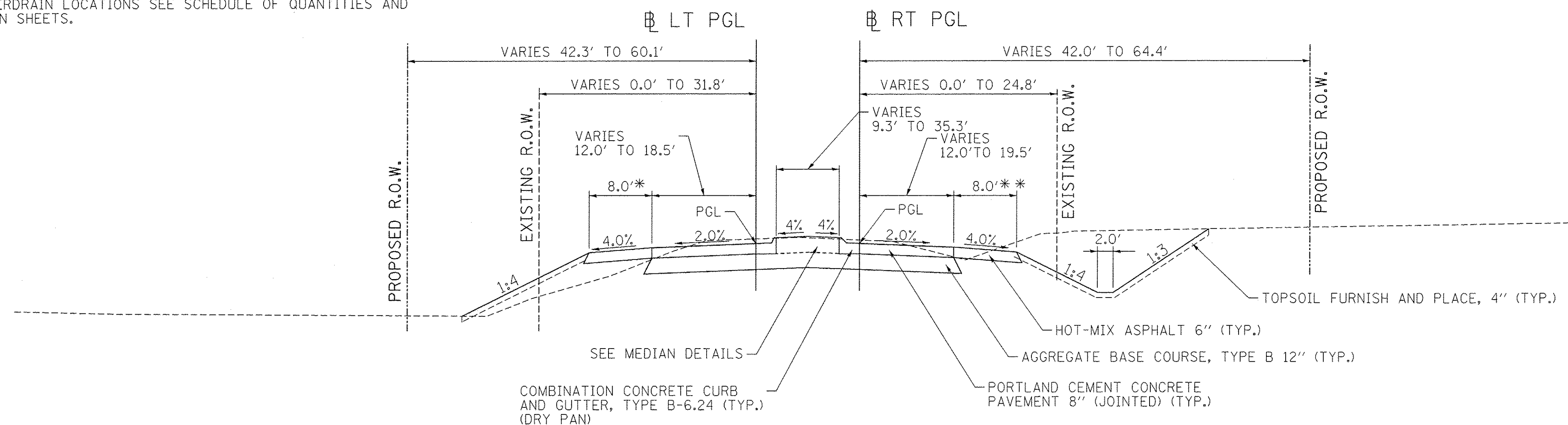
STA. 100+00.00 TO STA. 103+86.65 (ALTA LANE, LT/RT PGL)
 STA. 111+95.37 TO STA. 117+30.55 (ALTA LANE, LT/RT PGL)
 STA. 199+52.17 TO STA. 203+71.96 (RADNOR ROAD, LT/RT PGL)

* SHOULDER WIDTH VARIES FROM 8.0' TO 2.0' FROM STA. 107+12.51 TO STA. 107+48.06 (ALTA LN, LT PGL)
 SHOULDER WIDTH VARIES FROM 2.0' TO 8.0' FROM STA. 110+29.34 TO STA. 110+71.31 (ALTA LN, LT PGL)
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 FROM STA. 107+12.51 TO STA. 107+81.42 AND STA. 109+42.73 TO STA. 110+61.00

* SHOULDER WIDTH VARIES FROM 8.0' TO 2.0' FROM STA. 106+59.23 TO STA. 107+01.21 (ALTA LN, RT PGL)
 SHOULDER WIDTH VARIES FROM 2.0' TO 8.0' FROM STA. 109+87.64 TO STA. 110+36.35 (ALTA LN, RT PGL)
 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 FROM STA. 106+69.54 TO STA. 107+81.42 AND STA. 109+42.73 TO STA. 110+24.00

NOTES:

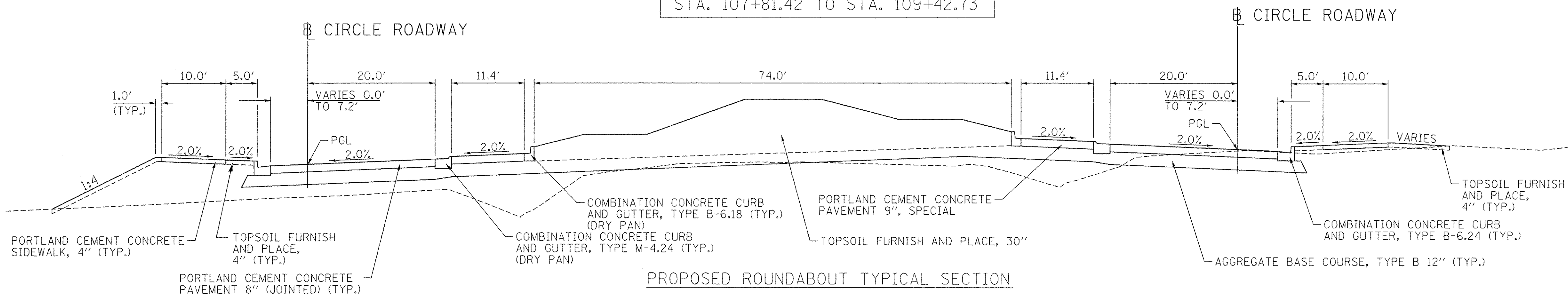
- HMA SURFACE COURSE SHALL BE PLACED IN TWO (2) 1 1/2" LIFTS.
- HMA BINDER COURSE SHALL BE PLACED WITH A 4" MINIMUM INITIAL LIFT.
- SEE SHEET 35 FOR PAVEMENT JOINTING INFORMATION.
- FOR PIPE UNDERDRAIN LOCATIONS SEE SCHEDULE OF QUANTITIES AND DRAINAGE PLAN SHEETS.



PROPOSED TYPICAL SECTION

STA. 103+86.65 TO STA. 107+81.42 (ALTA LANE, LT/RT PGL)
 STA. 109+42.73 TO STA. 111+95.37 (ALTA LANE, LT/RT PGL)

ROUNDBOULT OMISSION
 STA. 107+81.42 TO STA. 109+42.73



PROPOSED ROUNDBOULT TYPICAL SECTION

STA. 75+00.00 TO STA. 79+58.65

FILE NAME: S:\237\2019\237102010.dwg; I:\pce\Radnor\Intersection\CAD\CADD\Sheets\0489572-shr-typical12.dwg

MAURER-STUTZ
 ENGINEERS SURVEYORS

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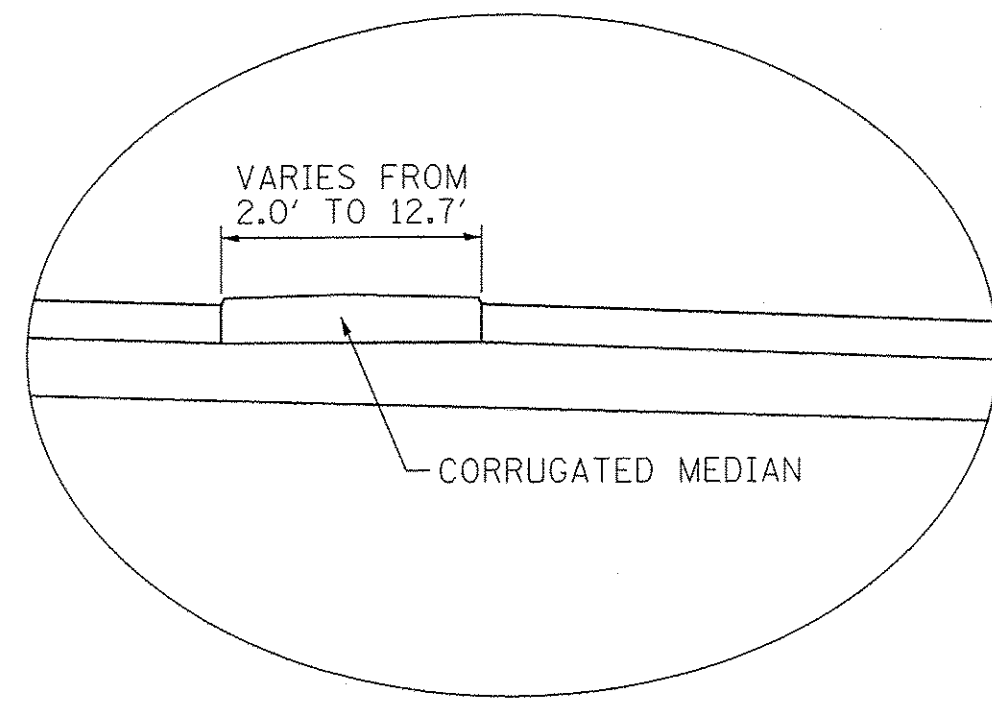
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

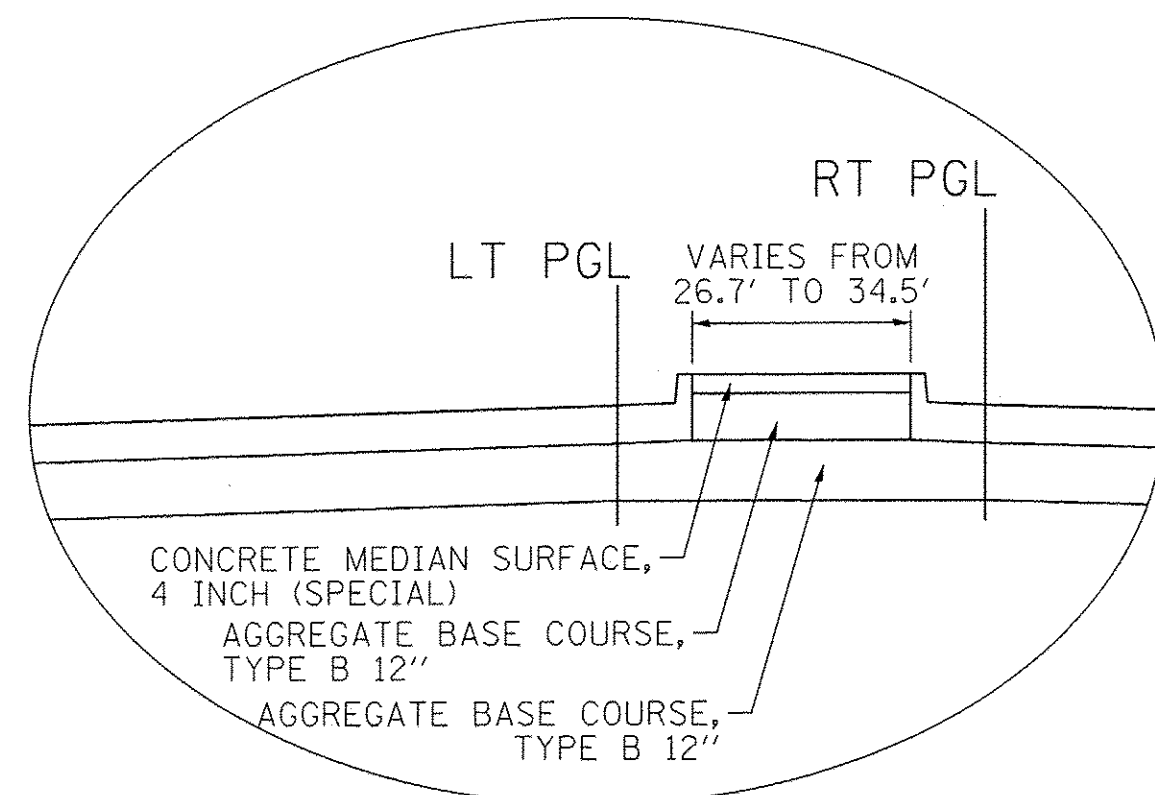
ALTA LANE / RADNOR ROAD INTERSECTION
PROPOSED TYPICAL SECTIONS

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

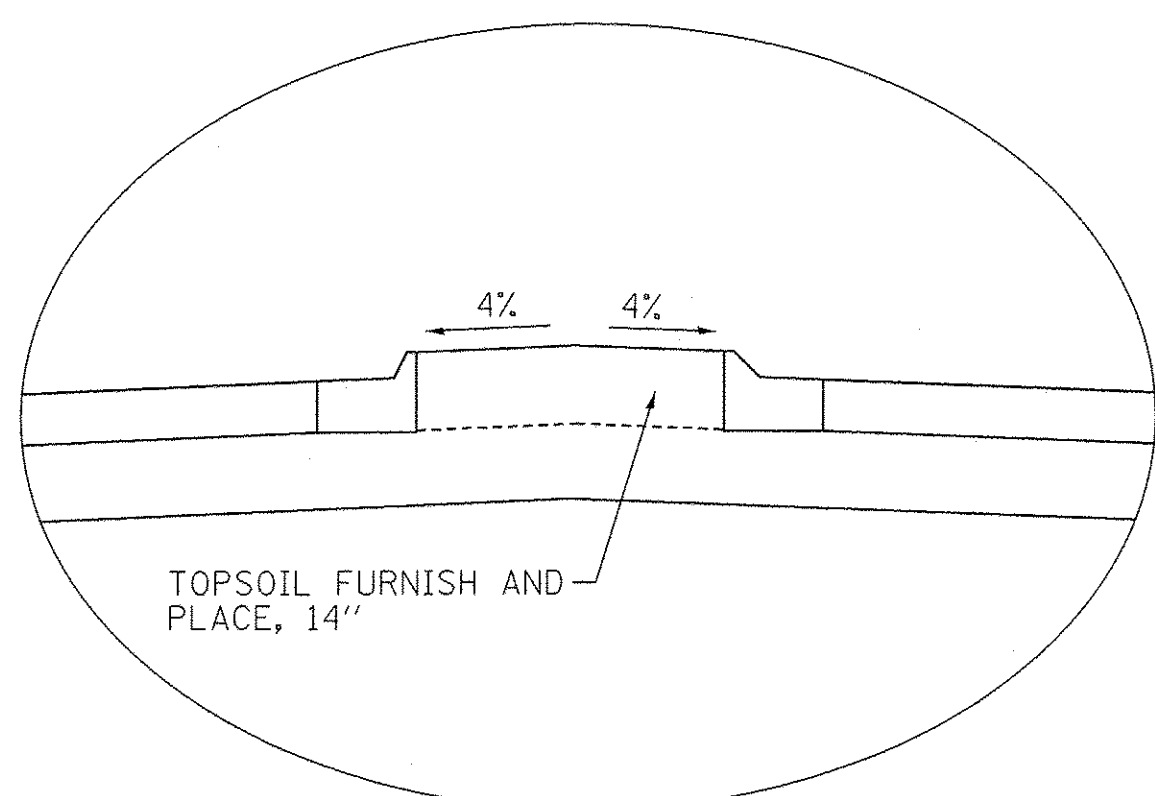
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381	09-00342-00-PW	PEORIA	72	11
387			CONTRACT NO. 89572	
ILLINOIS FED. AID PROJECT				



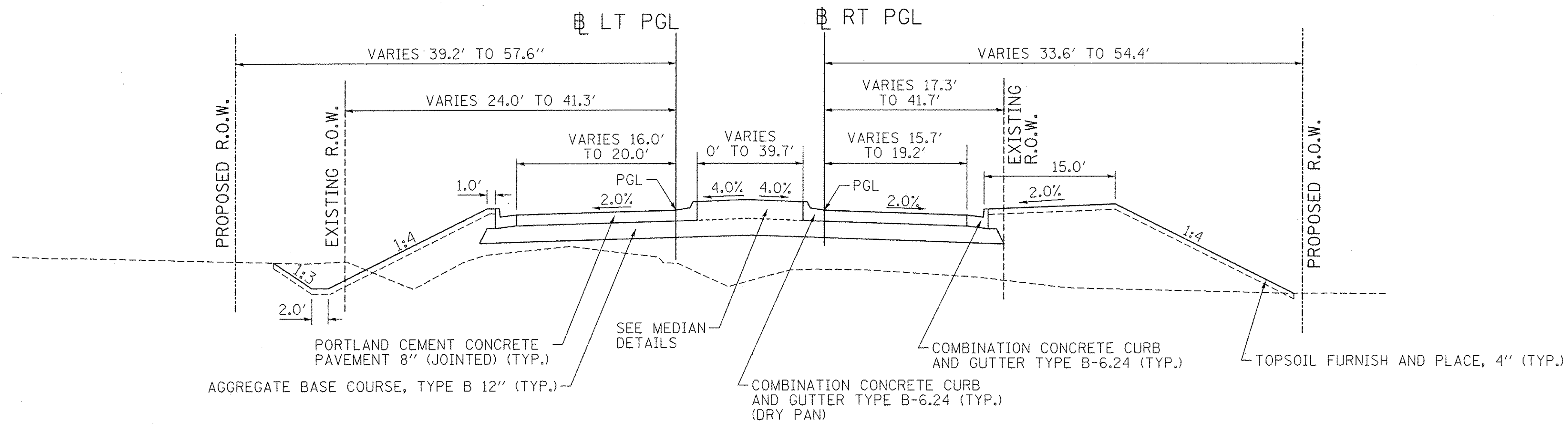
CORRUGATED MEDIAN DETAIL
 STA. 211+07.86 TO STA. 212+06.97 (LT PGL)



CONCRETE MEDIAN SURFACE DETAIL
 STA. 206+06.78 TO STA. 206+26.39 (LT PGL)
 STA. 207+80.78 TO STA. 208+01.13 (LT PGL)

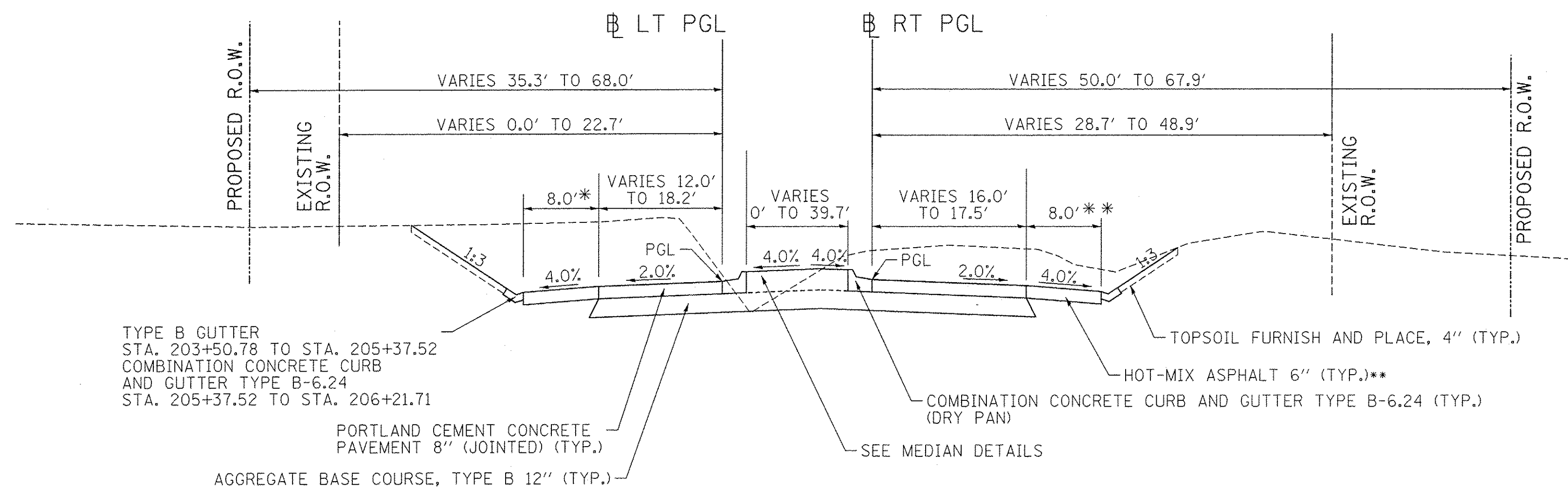


TOPSOIL MEDIAN DETAIL
 STA. 203+71.96 TO STA. 206+06.78 (LT PGL)
 STA. 208+01.13 TO STA. 211+07.86 (LT PGL)



PROPOSED TYPICAL SECTION
 STA. 207+78.34 TO STA. 211+07.86 (RADNOR ROAD, LT/RT PGL)

- * SHOULDER WIDTH VARIES FROM 8.0' TO 2.0' FROM STA. 205+48.45 TO STA. 205+85.13 RADNOR RD LT PGL
- ** SHOULDER WIDTH VARIES FROM 8.0' TO 2.0' FROM STA. 204+93.52 TO STA. 205+37.72 RADNOR RD RT PGL COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 FROM STA. 204+93.52 TO STA. 206+21.71

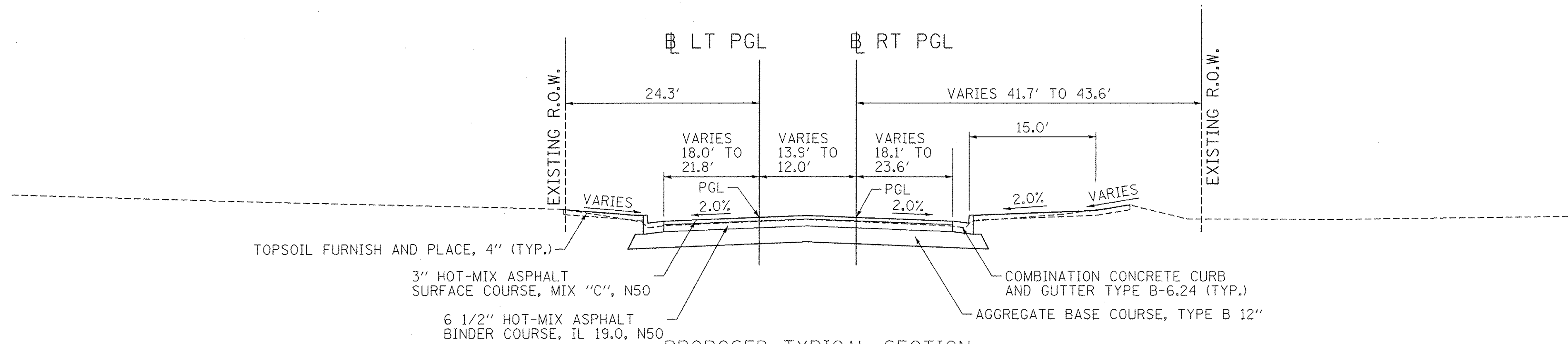


PROPOSED TYPICAL SECTION
 STA. 203+71.96 TO STA. 206+21.71 (RADNOR ROAD, LT/RT PGL)

NOTES:

1. HMA SURFACE COURSE SHALL BE PLACED IN TWO (2) 1 1/2" LIFTS.
2. HMA BINDER COURSE SHALL BE PLACED WITH A 4" MINIMUM INITIAL LIFT.
3. SEE SHEET 35 FOR PAVEMENT JOINTING INFORMATION.
4. FOR PIPE UNDERDRAIN LOCATIONS SEE SCHEDULE OF QUANTITIES AND DRAINAGE PLAN SHEETS.

ROUNDABOUT OMISSION
 STA. 206+21.71 TO STA. 207+78.34



PROPOSED TYPICAL SECTION
 STA. 211+07.86 TO STA. 212+11.10 (RADNOR ROAD, LT/RT PGL)

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MAURER-STUTZ
 ENGINEERS SURVEYORS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANE / RADNOR ROAD INTERSECTION
PROPOSED TYPICAL SECTIONS

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

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	12
387			CONTRACT NO. 89572	

ILLINOIS FED. AID PROJECT

CHAIN ALTA LN (EXISTING CL ALTA LN)

Point ALTA1 N 1,510,456.8695 E 2,438,808.8845 Sta 10+00.0000
 Course from ALTA1 to ALTA2 S 89° 46' 31.2088" E Dist 2,176.1637
 Point ALTA2 N 1,510,448.3365 E 2,440,985.0315 Sta 31+76.1637

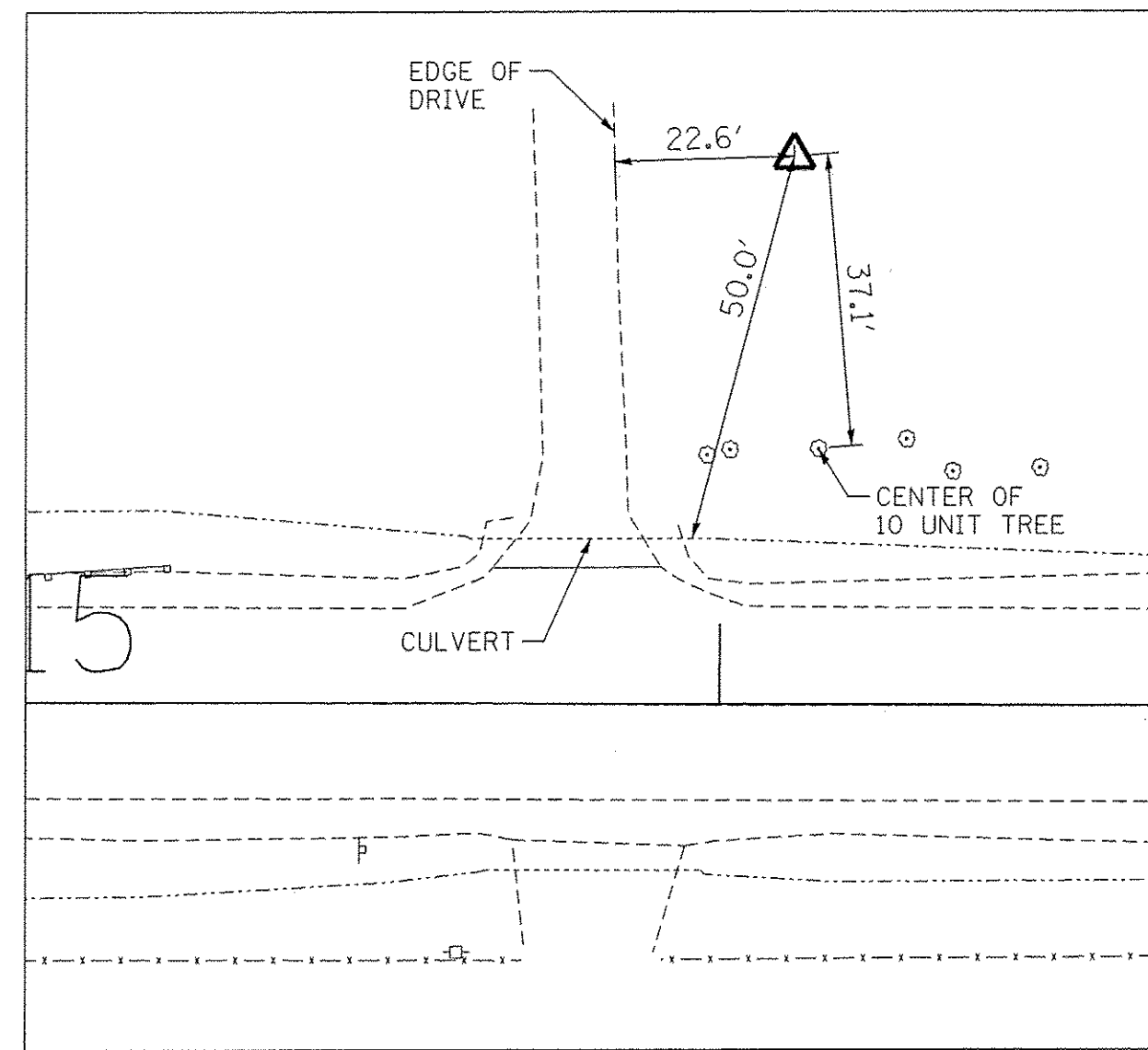
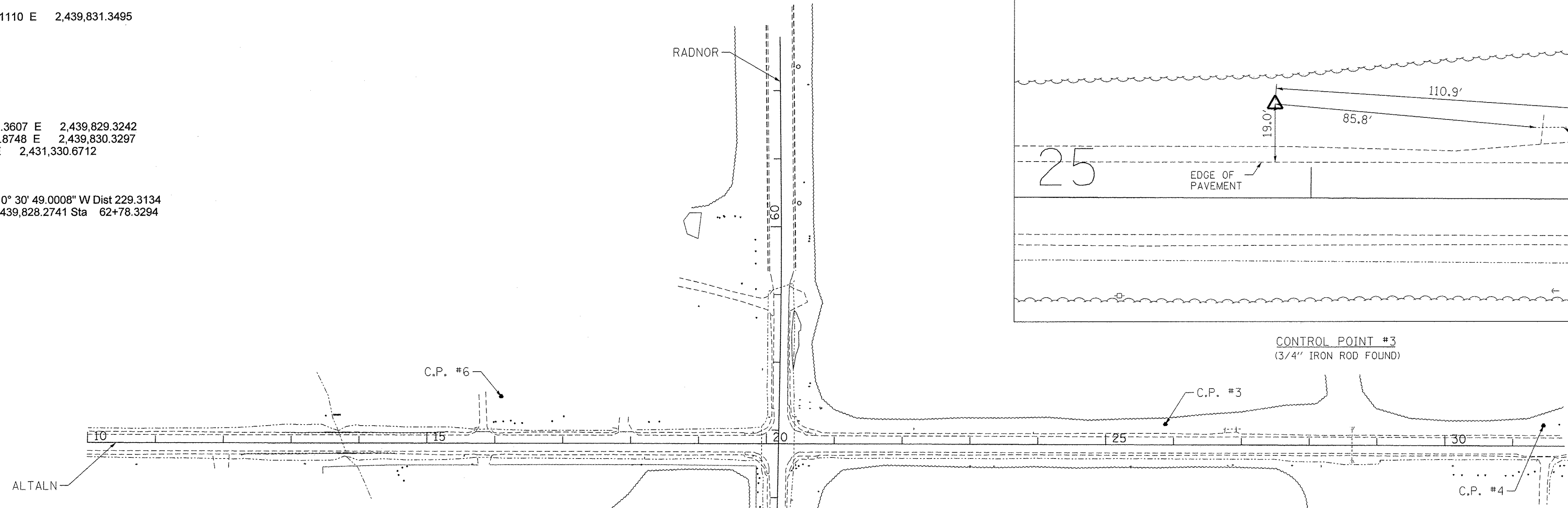
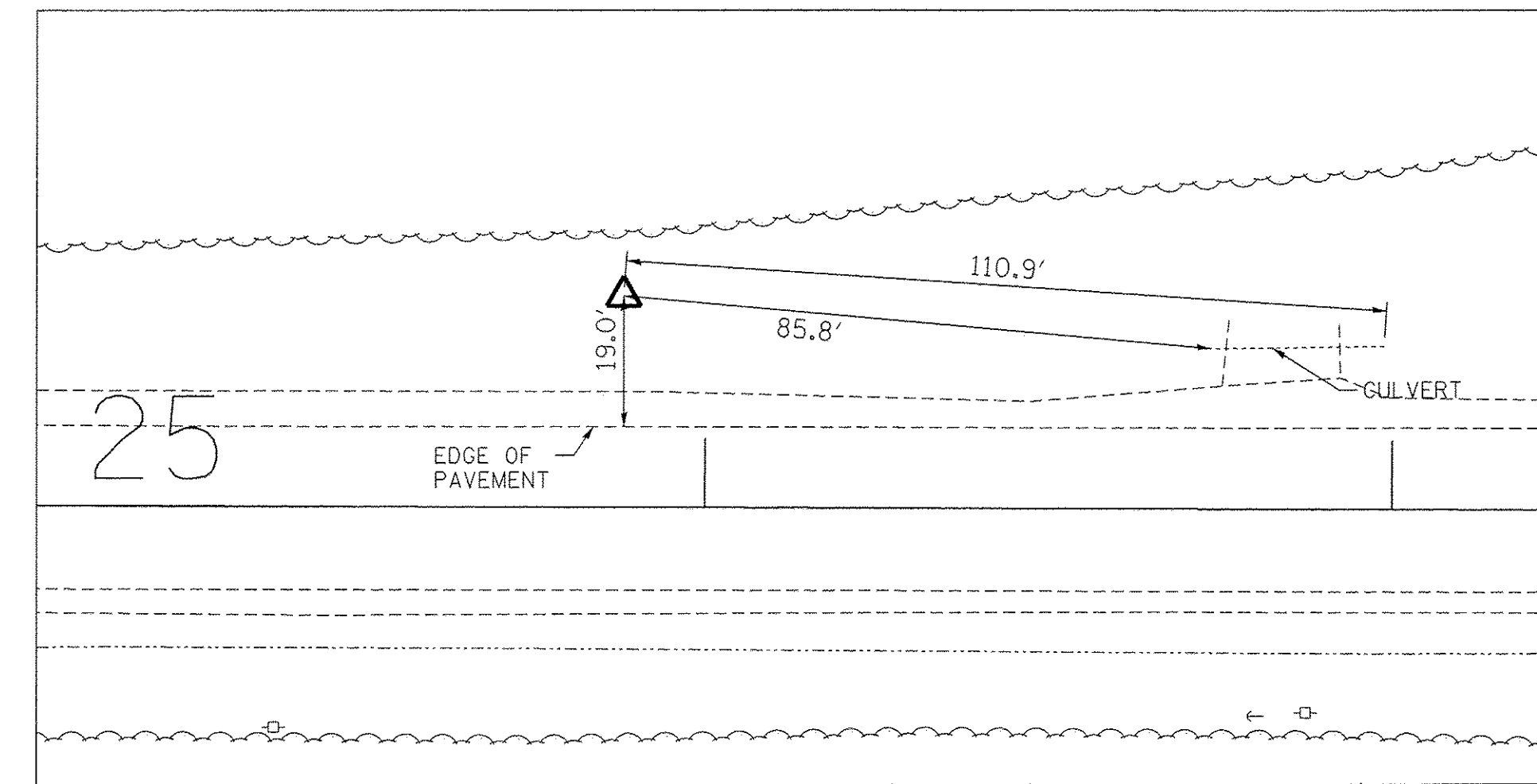
CHAIN RADNOR (EXISTING CL RADNOR RD)

Point RADNOR1 N 1,509,640.6781 E 2,439,812.3438 Sta 48+67.6591
 Course from RADNOR1 to PC RADNOR_CV N 1° 01' 12.1759" E Dist 953.8338

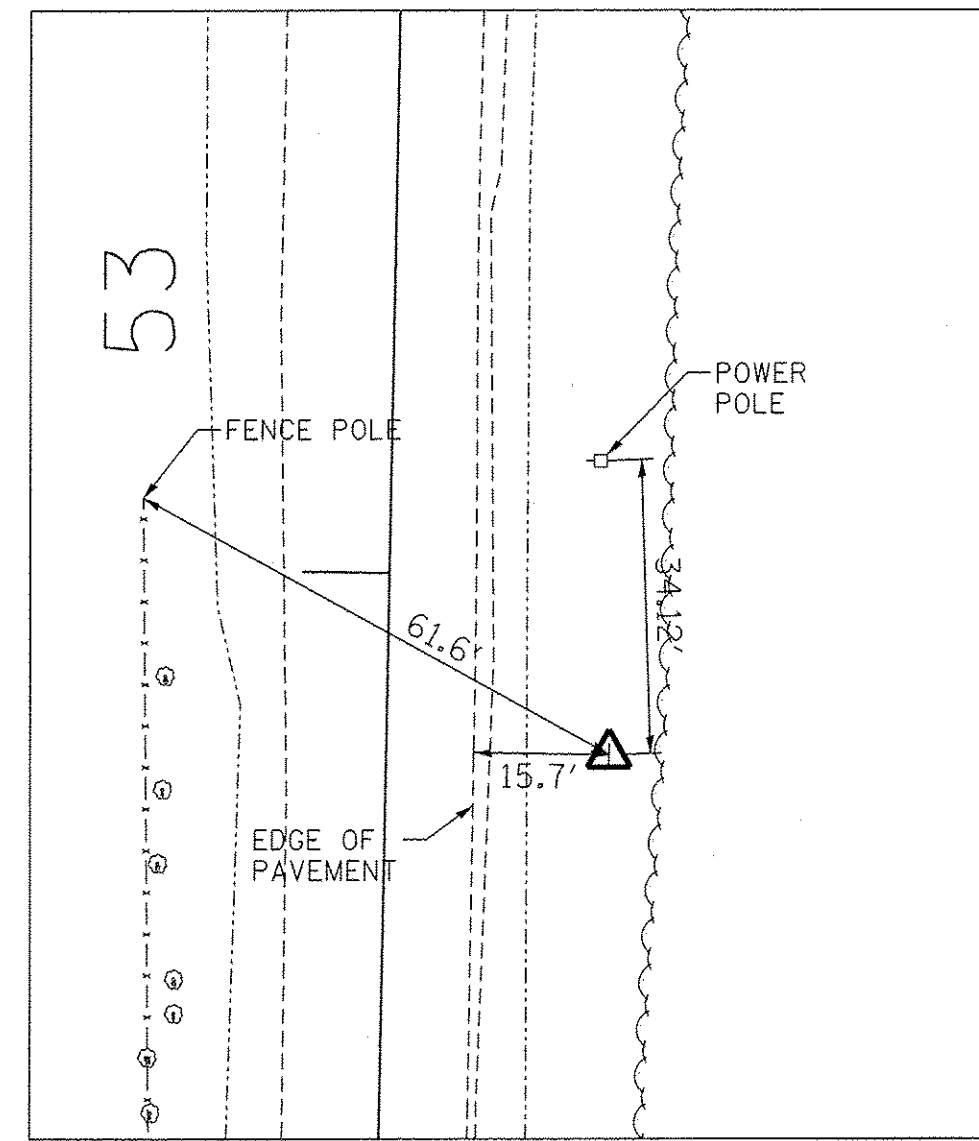
Curve RADNOR_CV

P.I. Station 59+35.2612 N 1,510,708.1110 E 2,439,831.3495
 Delta = 1° 32' 01.1767" (LT)
 Degree = 0° 40' 26.6448"
 Tangent = 113.7683
 Length = 227.5231
 Radius = 8,500.0000
 External = 0.7613
 Long Chord = 227.5163
 Mid. Ord. = 0.7613
 P.C. Station 58+21.4929 N 1,510,594.3607 E 2,439,829.3242
 P.T. Station 60+49.0160 N 1,510,821.8748 E 2,439,830.3297
 C.C. N 1,510,745.6800 E 2,431,330.6712
 Back = N 1° 01' 12.1759" E
 Ahead = N 0° 30' 49.0008" W
 Chord Bear = N 0° 15' 11.5876" E
 Course from PT RADNOR_CV to RADNOR2 N 0° 30' 49.0008" W Dist 229.3134
 Point RADNOR2 N 1,511,051.1790 E 2,439,828.2741 Sta 62+78.3294

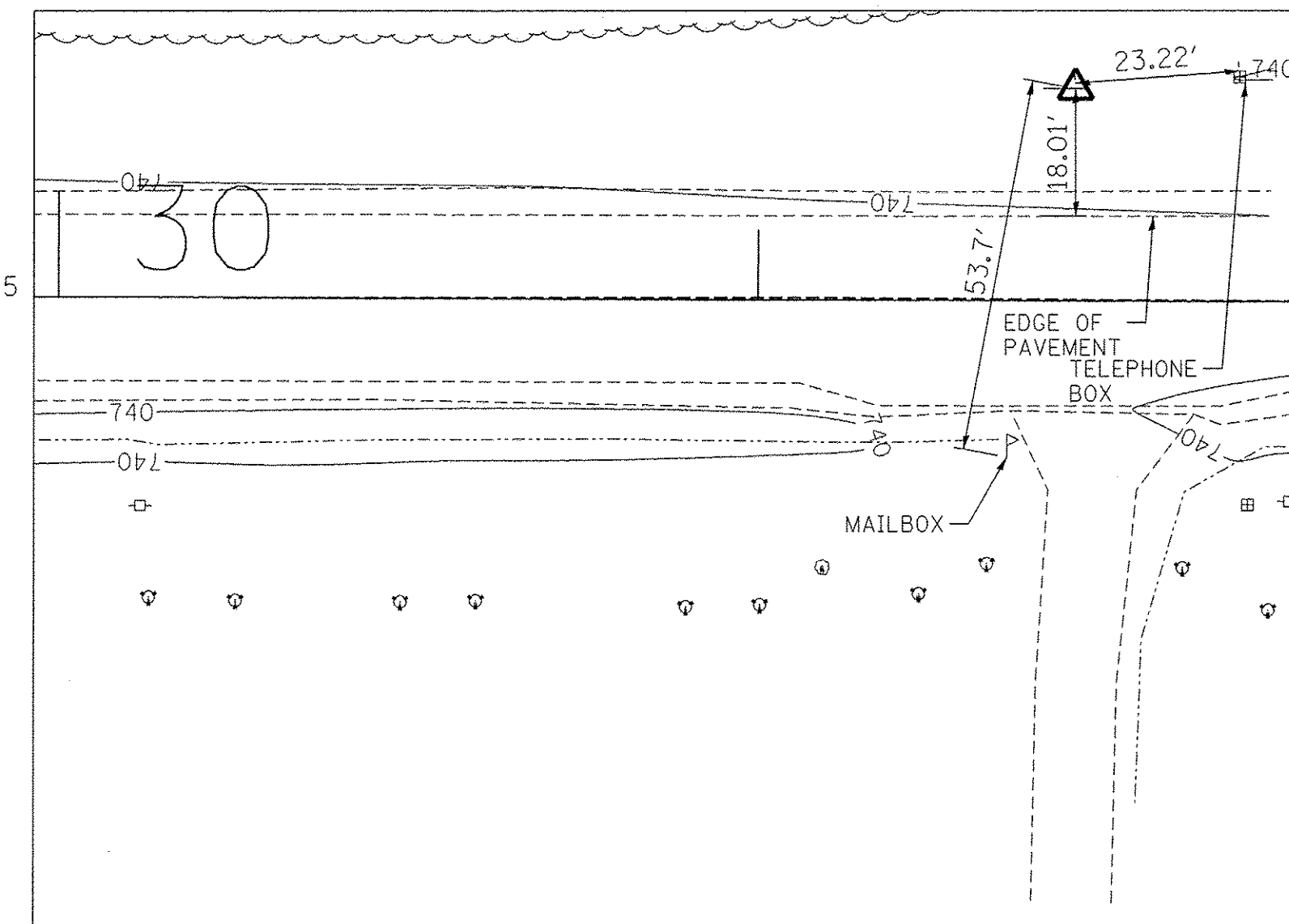
BENCHMARKS					
POINT	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
400	739.37	ALTALN	28+60.62	20.45' LT	CHISELED "□" NORTHWEST CORNER OF HEADWALL NORTH SIDE OF ALTA LANE
401	739.64	RADNOR	59+35.96	21.21' RT	TOP OF CURB SOUTH END EAST SIDE OF RADNOR NORTH OF ALTA LANE
402	738.67	ALTALN	13+96.67	14.76' RT	CHISELED "□" NORTHEAST CORNER OF HEADWALL ON SOUTH SIDE OF ALTA LANE WEST OF RADNOR ROAD



CONTROL POINT #6
(5/8" ROD SET)



CONTROL POINT #5
(5/8" ROD SET)



CONTROL POINT #4
(5/8" ROD SET)

FILE NAME = S:\237\2010\237102010 (4)1to-Radnor-Intersection\CAD\CADD_Sheets\0489572-sh1-ATB-1.dgn

MAURER-STUTZ
ENGINEERS SURVEYORS

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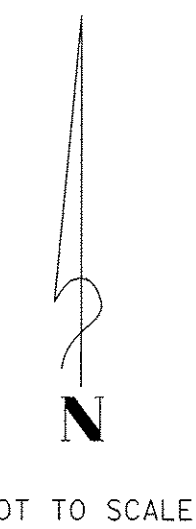
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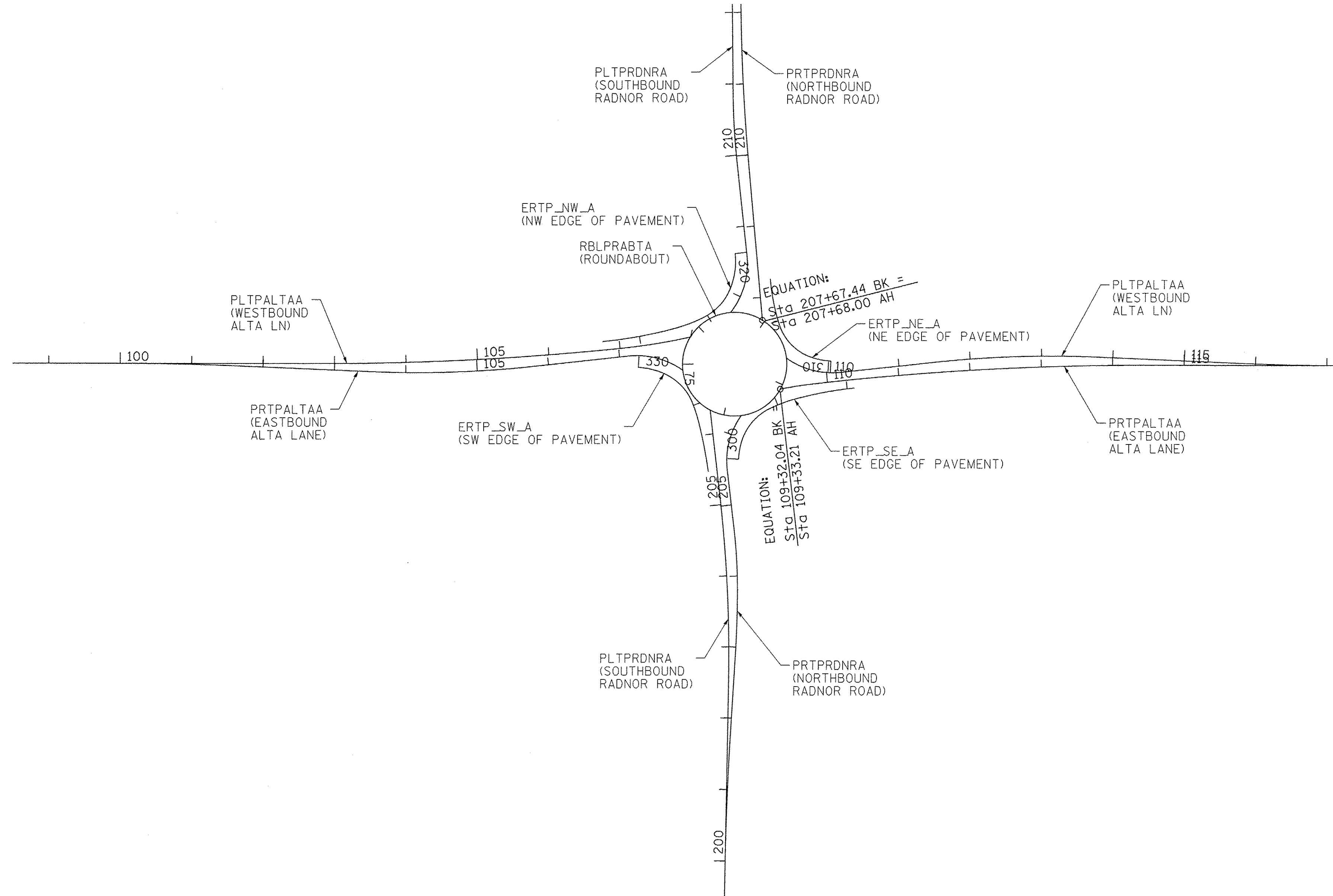
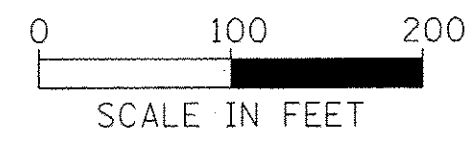
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ALTA LANE /RADNOR ROAD INTERSECTION
 ALIGNMENT, TIES AND BENCHMARKS**

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	13
387	CONTRACT NO. 89572			
ILLINOIS FED. AID PROJECT				





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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALTA LANE / RADNOR ROAD INTERSECTION
ALIGNMENT, TIES, BENCHMARKS**

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

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	14
387	CONTRACT NO. 89572			
ILLINOIS FED. AID PROJECT				

Ahead = N 71° 30' 55.8960" W
Chord Bear = N 79° 08' 20.5278" W

Curve ERP_NE_02
P.I. Station 310+63.9686 N 1,510,473.8008 E 2,439,900.0447
Delta = 54° 10' 33.7274" (RT)
Degree = 79° 34' 38.8976"
Tangent = 36.8253
Length = 68.0796
Radius = 72.0000
External = 8.8709
Long Chord = 65.5717
Mid. Ord. = 7.8978
P.C. Station 310+27.1433 N 1,510,462.1254 E 2,439,934.9701
P.T. Station 310+95.2229 N 1,510,508.9526 E 2,439,889.0695
C.C. N 1,510,530.4109 E 2,439,957.7976
Back = N 71° 30' 55.8960" W
Ahead = N 17° 20' 22.1686" W
Chord Bear = N 44° 25' 39.0323" W

Curve ERP_NE_03
P.I. Station 311+27.6796 N 1,510,539.9342 E 2,439,879.3964
Delta = 12° 16' 06.0059" (RT)
Degree = 18° 58' 19.6047"
Tangent = 32.4567
Length = 64.6651
Radius = 302.0000
External = 1.7391
Long Chord = 64.5416
Mid. Ord. = 1.7291
P.C. Station 310+95.2229 N 1,510,508.9526 E 2,439,889.0695
P.T. Station 311+59.8880 N 1,510,572.2638 E 2,439,876.5275
C.C. N 1,510,598.9585 E 2,440,177.3453
Back = N 17° 20' 22.1686" W
Ahead = N 5° 04' 16.1627" W
Chord Bear = N 11° 12' 19.1656" W

CHAIN ERTP_NW_A (NW EOP)
CUR ERP_NW_01 CUR ERP_NW_02 CUR ERP_NW_03 CUR ERP_NW_04

Curve ERP_NW_01
P.I. Station 320+25.0615 N 1,510,583.0215 E 2,439,830.1590
Delta = 27° 36' 30.0909" (RT)
Degree = 56° 10' 20.3983"
Tangent = 25.0615
Length = 49.1494
Radius = 102.0000
External = 3.0337
Long Chord = 48.6753
Mid. Ord. = 2.9461
P.C. Station 320+00.0000 N 1,510,607.9406 E 2,439,827.4913
P.T. Station 320+49.1494 N 1,510,559.7035 E 2,439,820.9748
C.C. N 1,510,597.0831 E 2,439,726.0708
Back = S 6° 06' 37.7786" E
Ahead = S 21° 29' 52.3124" W
Chord Bear = S 7° 41' 37.2669" W

Curve ERP_NW_02
P.I. Station 320+77.9985 N 1,510,532.8614 E 2,439,810.4026
Delta = 41° 04' 41.8241" (RT)
Degree = 74° 24' 36.3717"
Tangent = 28.8491
Length = 55.2053
Radius = 77.0000
External = 5.2269
Long Chord = 54.0305
Mid. Ord. = 4.8947
P.C. Station 320+49.1494 N 1,510,559.7035 E 2,439,820.9748
P.T. Station 321+04.3546 N 1,510,519.5744 E 2,439,784.7954
C.C. N 1,510,587.9214 E 2,439,749.3316
Back = S 21° 29' 52.3136" W
Ahead = S 62° 34' 34.1377" W
Chord Bear = S 42° 02' 13.2257" W

Curve ERP_NW_03
P.I. Station 321+25.4673 N 1,510,509.8506 E 2,439,766.0553
Delta = 11° 56' 00.8233" (RT)
Degree = 28° 21' 51.2902"
Tangent = 21.1127
Length = 42.0725
Radius = 202.0000
External = 1.1003
Long Chord = 41.9965
Mid. Ord. = 1.0944
P.C. Station 321+04.3546 N 1,510,519.5744 E 2,439,784.7954
P.T. Station 321+46.4272 N 1,510,504.2119 E 2,439,745.7096
C.C. N 1,510,698.8744 E 2,439,691.7604
Back = S 62° 34' 34.1377" W
Ahead = S 74° 30' 34.9610" W
Chord Bear = S 68° 32' 34.5494" W

Curve ERP_NW_04
P.I. Station 321+99.1466 N 1,510,490.1319 E 2,439,694.9051
Delta = 10° 02' 34.3738" (RT)
Degree = 9° 32' 57.4677"
Tangent = 52.7195
Length = 105.1688
Radius = 600.0000
External = 2.3117
Long Chord = 105.0342
Mid. Ord. = 2.3028
P.C. Station 321+46.4272 N 1,510,504.2119 E 2,439,745.7096
P.T. Station 322+51.5960 N 1,510,485.1271 E 2,439,642.4238
C.C. N 1,511,082.4174 E 2,439,585.4645

Back = S 74° 30' 34.9610" W
Ahead = S 84° 33' 09.3348" W
Chord Bear = S 79° 31' 52.1479" W

CHAIN ERTP_SE_A (SE EOP)
CUR ERP_SE_01 CUR ERP_SE_02 CUR ERP_SE_03 CUR ERP_SE_04

Curve ERP_SE_01
P.I. Station 300+12.1681 N 1,510,331.3916 E 2,439,832.9779
Delta = 13° 36' 21.2491" (RT)
Degree = 56° 10' 20.3983"
Tangent = 12.1681
Length = 24.2217
Radius = 102.0000
External = 0.7232
Long Chord = 24.1648
Mid. Ord. = 0.7181
P.C. Station 300+00.0000 N 1,510,319.2375 E 2,439,832.3936
P.T. Station 300+24.2217 N 1,510,343.0671 E 2,439,836.4048
C.C. N 1,510,314.3402 E 2,439,934.2760
Back = N 2° 45' 07.0447" E
Ahead = N 16° 21' 28.2938" E
Chord Bear = N 9° 33' 17.6692" E

Curve ERP_SE_02
P.I. Station 300+58.5624 N 1,510,376.0178 E 2,439,846.0764
Delta = 48° 04' 19.7599" (RT)
Degree = 74° 24' 36.3717"
Tangent = 34.3407
Length = 64.6043
Radius = 77.0000
External = 7.3106
Long Chord = 62.7260
Mid. Ord. = 6.6767
P.C. Station 300+24.2217 N 1,510,343.0671 E 2,439,836.4048
P.T. Station 300+88.8261 N 1,510,390.8397 E 2,439,877.0537
C.C. N 1,510,321.3811 E 2,439,910.2880
Back = N 16° 21' 28.2938" E
Ahead = N 64° 25' 48.0537" E
Chord Bear = N 40° 23' 38.1738" E

Curve ERP_SE_03
P.I. Station 301+06.6541 N 1,510,398.5345 E 2,439,893.1357
Delta = 10° 05' 14.7730" (RT)
Degree = 28° 21' 51.2902"
Tangent = 17.8280
Length = 35.5639
Radius = 202.0000
External = 0.7852
Long Chord = 35.5180
Mid. Ord. = 0.7822
P.C. Station 300+88.8261 N 1,510,390.8397 E 2,439,877.0537
P.T. Station 301+24.3900 N 1,510,403.2936 E 2,439,910.3168
C.C. N 1,510,208.6238 E 2,439,964.2396
Back = N 64° 25' 48.0537" E
Ahead = N 74° 31' 02.8268" E
Chord Bear = N 69° 28' 25.4402" E

Curve ERP_SE_04
P.I. Station 301+67.2104 N 1,510,414.7243 E 2,439,951.5833
Delta = 9° 47' 23.3957" (RT)
Degree = 11° 27' 32.9612"
Tangent = 42.8204
Length = 85.4324
Radius = 500.0000
External = 1.8302
Long Chord = 85.3285
Mid. Ord. = 1.8236
P.C. Station 301+24.3900 N 1,510,403.2936 E 2,439,910.3168
P.T. Station 302+09.8224 N 1,510,418.9718 E 2,439,994.1926
C.C. N 1,509,921.4377 E 2,440,043.7892
Back = N 74° 31' 02.8268" E
Ahead = N 84° 18' 26.2225" E
Chord Bear = N 79° 24' 44.5246" E

CHAIN ERTP_SW_A (SW EOP)
CUR ERP_SW_01 CUR ERP_SW_02 CUR ERP_SW_03 CUR ERP_SW_04
Beginning chain ERTP_SW_A description

Curve ERP_SW_01
P.I. Station 330+18.7926 N 1,510,447.6689 E 2,439,710.8241
Delta = 20° 52' 42.0309" (RT)
Degree = 56° 10' 20.3983"
Tangent = 18.7926
Length = 37.1684
Radius = 102.0000
External = 1.7167
Long Chord = 36.9631
Mid. Ord. = 1.6883
P.C. Station 330+00.0000 N 1,510,448.7302 E 2,439,692.0615
P.T. Station 330+37.1684 N 1,510,439.9905 E 2,439,727.9765
C.C. N 1,510,346.8929 E 2,439,686.3011
Back = S 86° 45' 45.1596" E
Ahead = S 65° 53' 03.1287" E
Chord Bear = S 76° 19' 24.1441" E

Curve ERP_SW_02
P.I. Station 330+68.0121 N 1,510,427.3884 E 2,439,756.1282
Delta = 43° 39' 31.9574" (RT)
Degree = 74° 24' 36.3717"
Tangent = 30.8437
Length = 58.6733
Radius = 77.0000

External = 5.9478
Long Chord = 57.2641
Mid. Ord. = 5.5213
P.C. Station 330+37.1684 N 1,510,439.9905 E 2,439,727.9765
P.T. Station 330+95.8417 N 1,510,398.8362 E 2,439,767.7948
C.C. N 1,510,369.7110 E 2,439,696.5157
Back = S 65° 53' 03.1287" E
Ahead = S 22° 13' 31.1713" E
Chord Bear = S 44° 03' 17.1500" E

Curve ERP_SW_03
P.I. Station 331+09.7142 N 1,510,385.9944 E 2,439,773.0421
Delta = 7° 51' 26.3530" (RT)
Degree = 28° 21' 51.2902"
Tangent = 13.8725
Length = 27.7015
Radius = 202.0000
External = 0.4758
Long Chord = 27.6798
Mid. Ord. = 0.4747
P.C. Station 330+95.8417 N 1,510,398.8362 E 2,439,767.7948
P.T. Station 331+23.5432 N 1,510,372.5558 E 2,439,776.4846
C.C. N 1,510,322.4297 E 2,439,580.8027
Back = S 22° 13' 31.1713" E
Ahead = S 14° 22' 04.8183" E
Chord Bear = S 18° 17' 47.9948" E

Curve ERP_SW_04
P.I. Station 331+59.4664 N 1,510,337.7563 E 2,439,785.3989
Delta = 6° 51' 09.5087" (RT)
Degree = 9° 32' 57.4677"
Tangent = 35.9232
Length = 71.7607
Radius = 600.0000
External = 1.0744
Long Chord = 71.7179
Mid. Ord. = 1.0725
P.C. Station 331+23.5432 N 1,510,372.5558 E 2,439,776.4846
P.T. Station 331+95.3039 N 1,510,302.1417 E 2,439,790.0973
C.C. N 1,510,223.6664 E 2,439,195.2514
Back = S 14° 22' 04.8183" E
Ahead = S 7° 30' 55.3096" E
Chord Bear = S 10° 56' 30.0639" E

FILE NAME = S:\237\2010\23710010 (Alt-Lane-Radnor-Intersection)\CADD\CADD_Sheets\0489572-sha-ftb-3.dgn



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DATE -

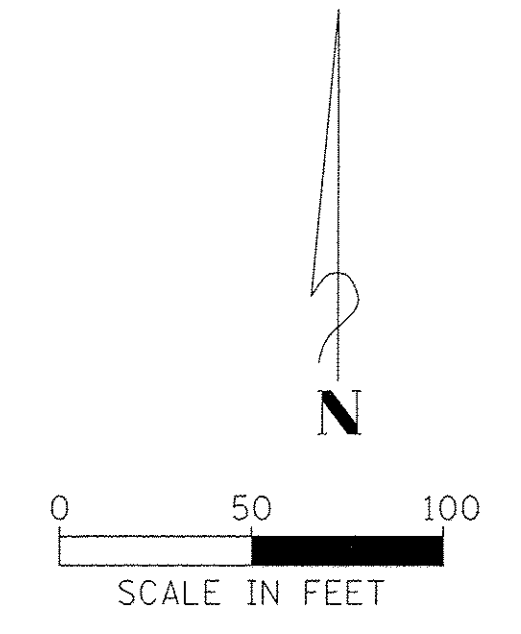
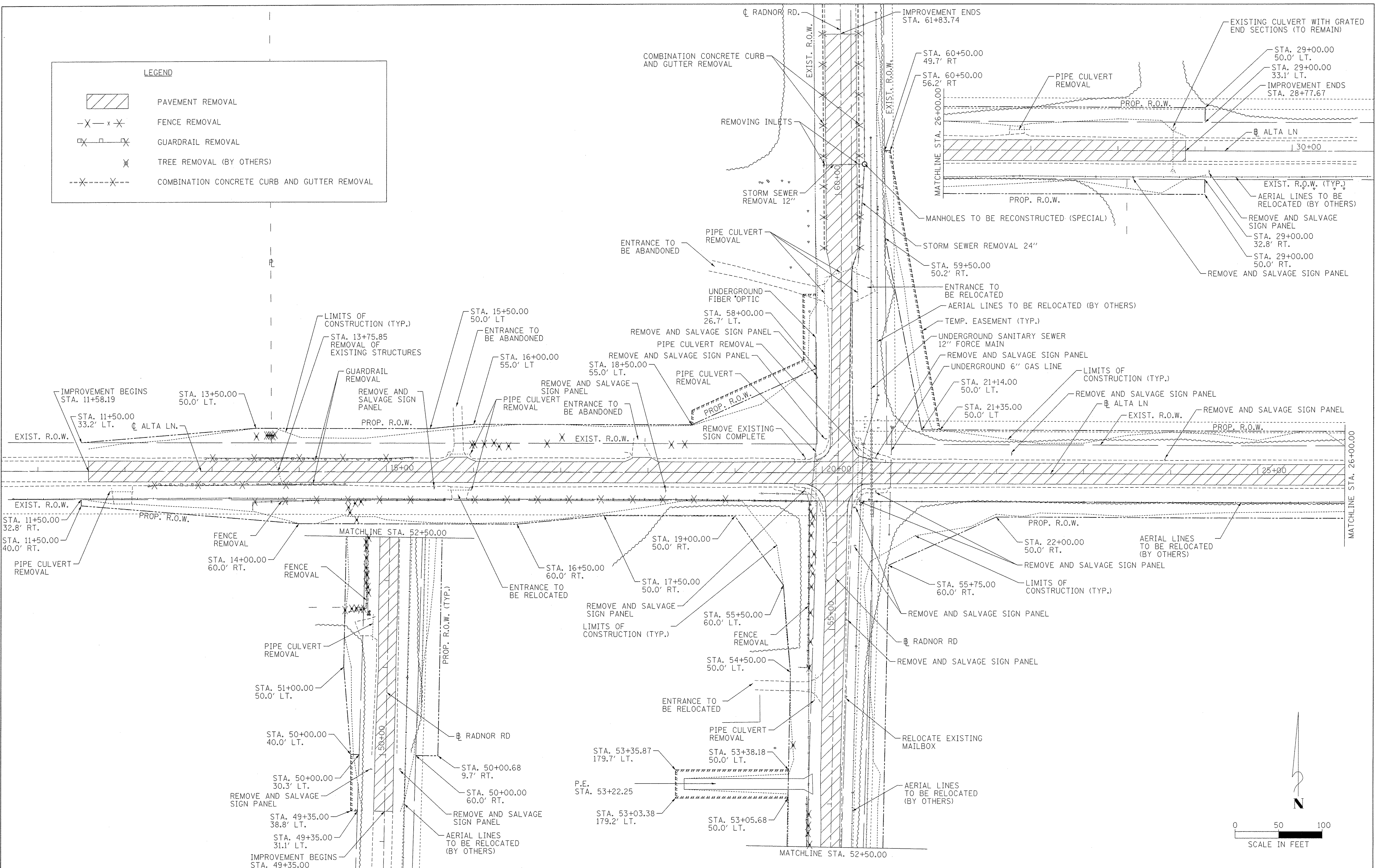
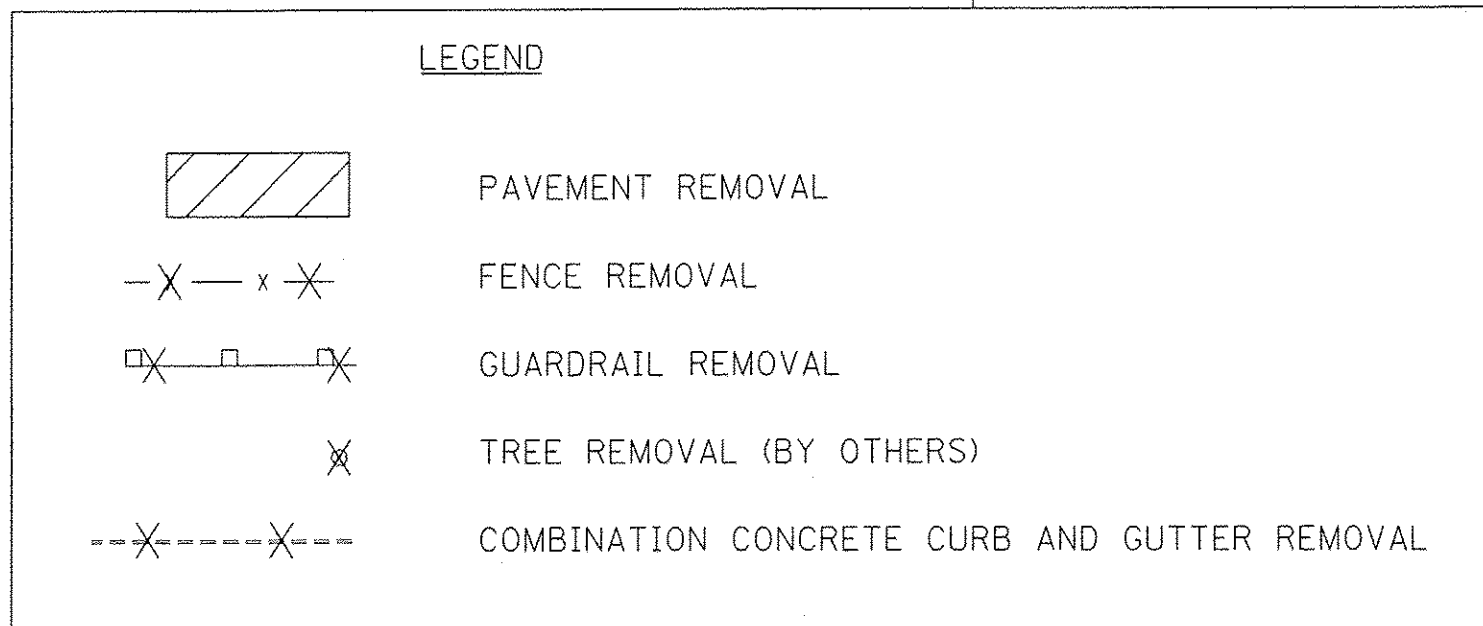
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANE /RADNOR ROAD INTERSECTION
ALIGNMENT, TIES, BENCHMARKS

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

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	16
387			CONTRACT NO. 89572	
ILLINOIS FED. AID PROJECT				



FILE NAME = S:\237\2010\23710210 (Alta-Radnor-Intersection)\CADD\CADD_Sheets\0489572-sh-r-rem1.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

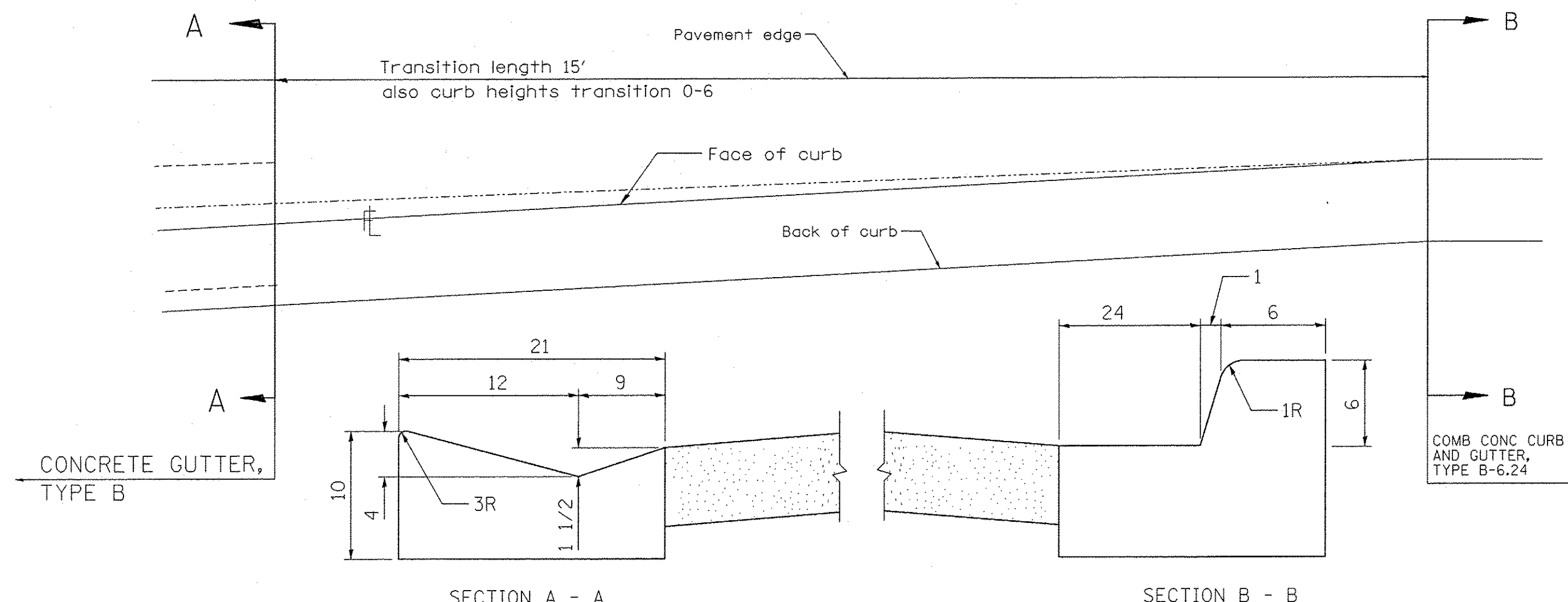
ALTA LANE /RADNOR ROAD INTERSECTION
REMOVAL PLAN

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

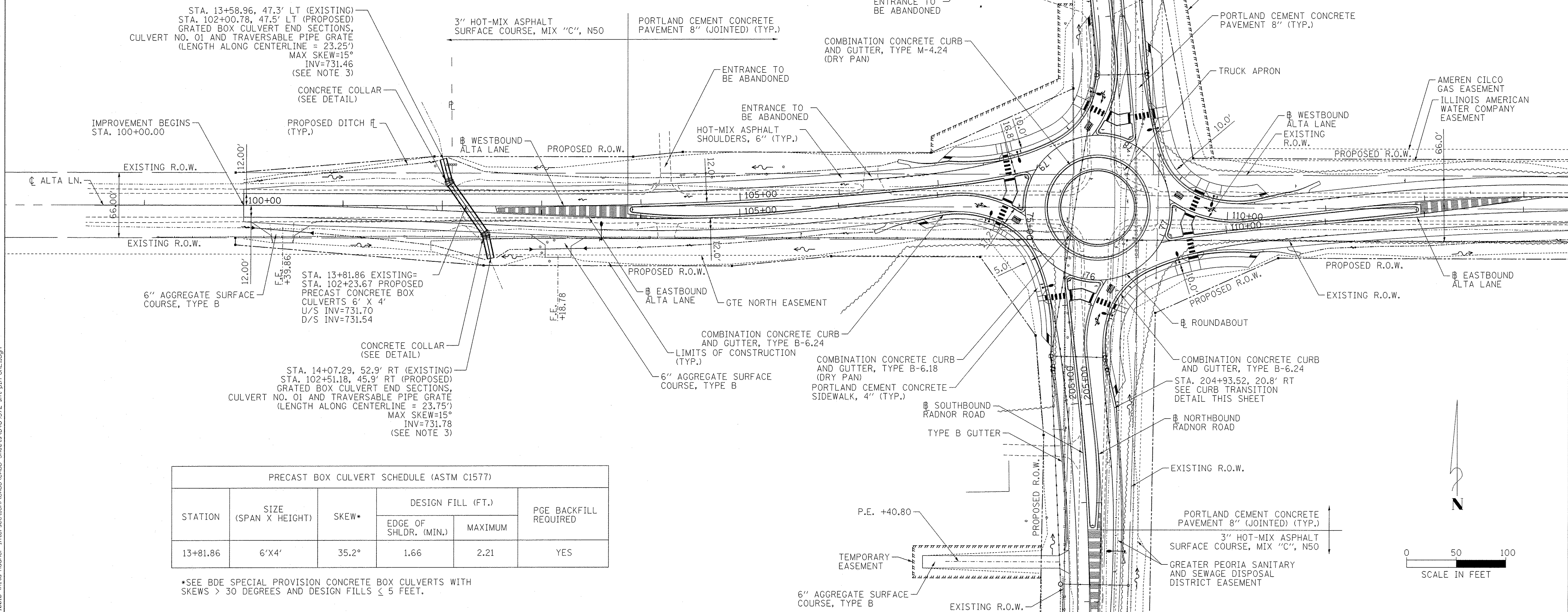
F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	17
387			CONTRACT NO. 89572	
ILLINOIS FED. AID PROJECT				

NOTES:

1. A 5' PARKWAY WILL BE PLACED BETWEEN THE PROPOSED FACE OF CURB AND SIDEWALK.
2. SEE PAVEMENT MARKING AND SIGNING PLAN FOR PAVEMENT MARKING AND SIGN LOCATION INFORMATION.
3. STATION AND OFFSET ARE TO THE END OF THE GRATED BOX CULVERT END SECTION AT THE CENTERLINE.



CURB TRANSITION DETAIL

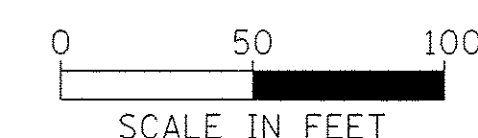


PRECAST BOX CULVERT SCHEDULE (ASTM C1577)					
STATION	SIZE (SPAN X HEIGHT)	SKEW*	DESIGN FILL (FT.)		PGE BACKFILL REQUIRED
			EDGE OF SHLDR. (MIN.)	MAXIMUM	
13+81.86	6'X4'	35.2°	1.66	2.21	YES

*SEE BDE SPECIAL PROVISION CONCRETE BOX CULVERTS WITH SKEWS > 30 DEGREES AND DESIGN FILLS ≤ 5 FEET.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALTA LANE /RADNOR ROAD INTERSECTION
ROUNDABOUT PLAN ALTA LANE**



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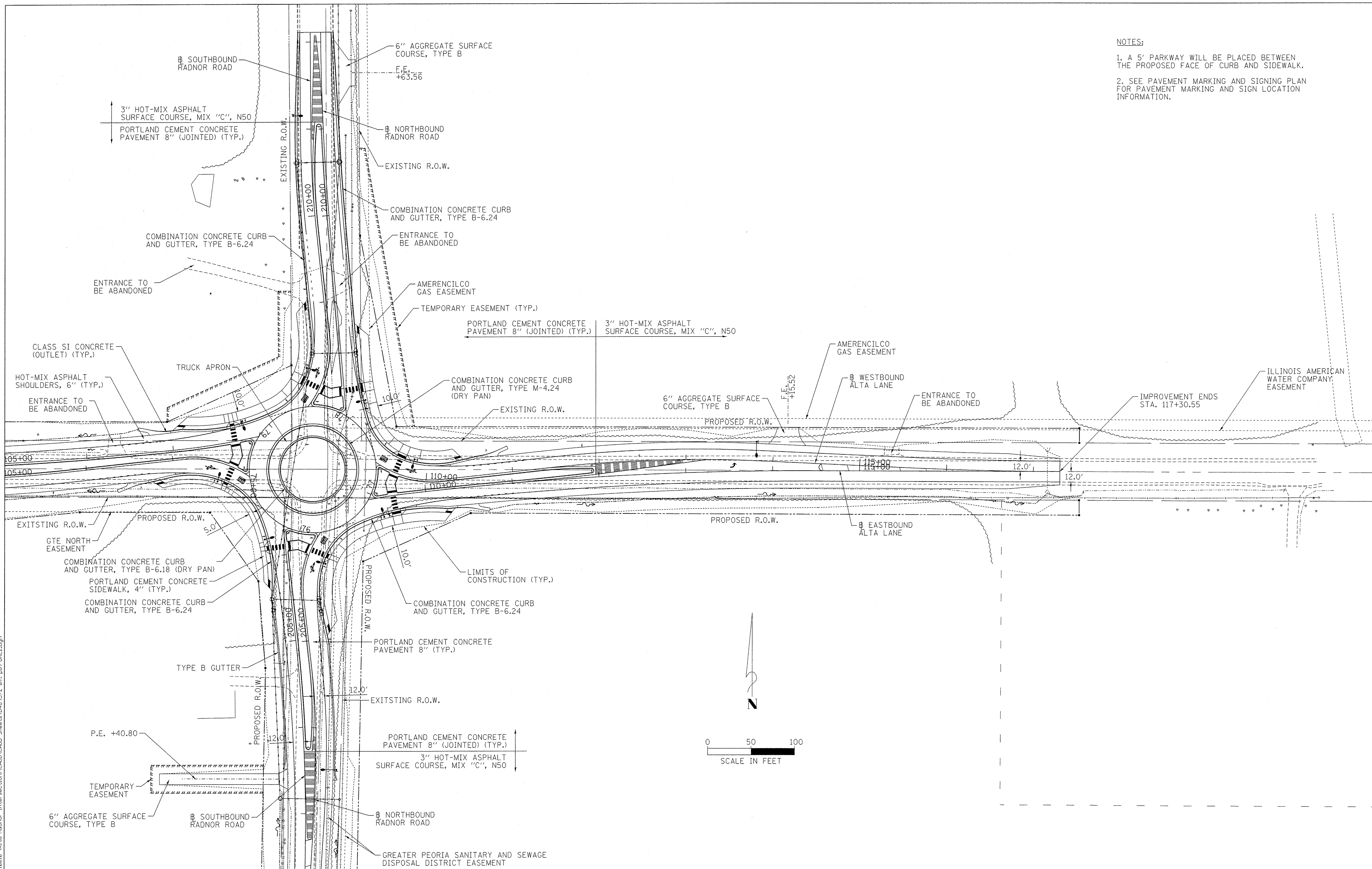
MAURER-STUTZ
ENGINEERS SURVEYORS

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	DATE -	REVISED -

SCALE:	SHEET NO. OF SHEETS	STA. TO STA.
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F.A.S. RTE. 381	CITY SECTION 09-00342-00-PW	COUNTY PEORIA	TOTAL SHEETS 72	SHEET NO. 18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89572	

NOTES:
 1. A 5' PARKWAY WILL BE PLACED BETWEEN THE PROPOSED FACE OF CURB AND SIDEWALK.
 2. SEE PAVEMENT MARKING AND SIGNING PLAN FOR PAVEMENT MARKING AND SIGN LOCATION INFORMATION.



FILE NAME = S:\237\2010\23710010 (Alta-Radnor Intersection)\CAD00\CADD Sheets\489572-ahs-pln-06E2.dgn

MAURER-STUTZ
 ENGINEERS SURVEYORS

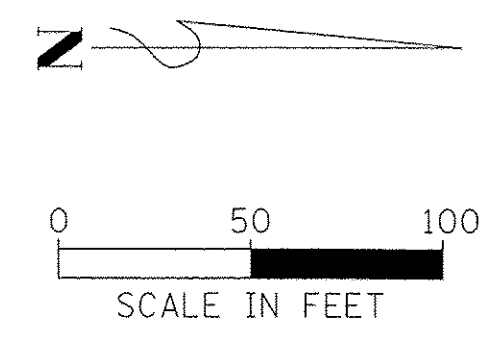
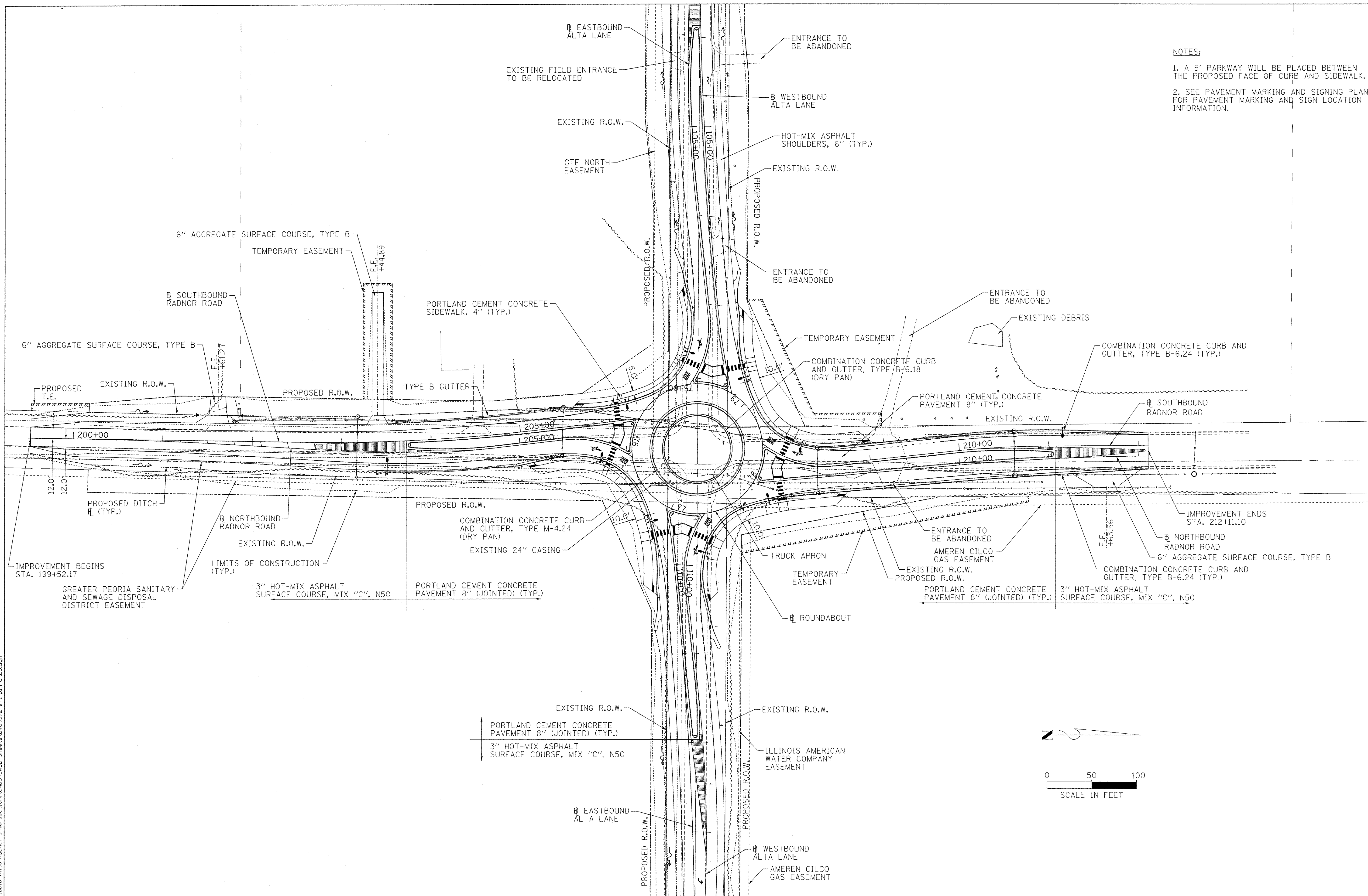
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANE /RADNOR ROAD INTERSECTION			
ROUNDABOUT PLAN ALTA LANE			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	19
387	CONTRACT NO. 89572			
ILLINOIS FED. AID PROJECT				

- NOTES:**
1. A 5' PARKWAY WILL BE PLACED BETWEEN THE PROPOSED FACE OF CURB AND SIDEWALK.
 2. SEE PAVEMENT MARKING AND SIGNING PLAN FOR PAVEMENT MARKING AND SIGN LOCATION INFORMATION.



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MAURER-STUTZ
ENGINEERS SURVEYORS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

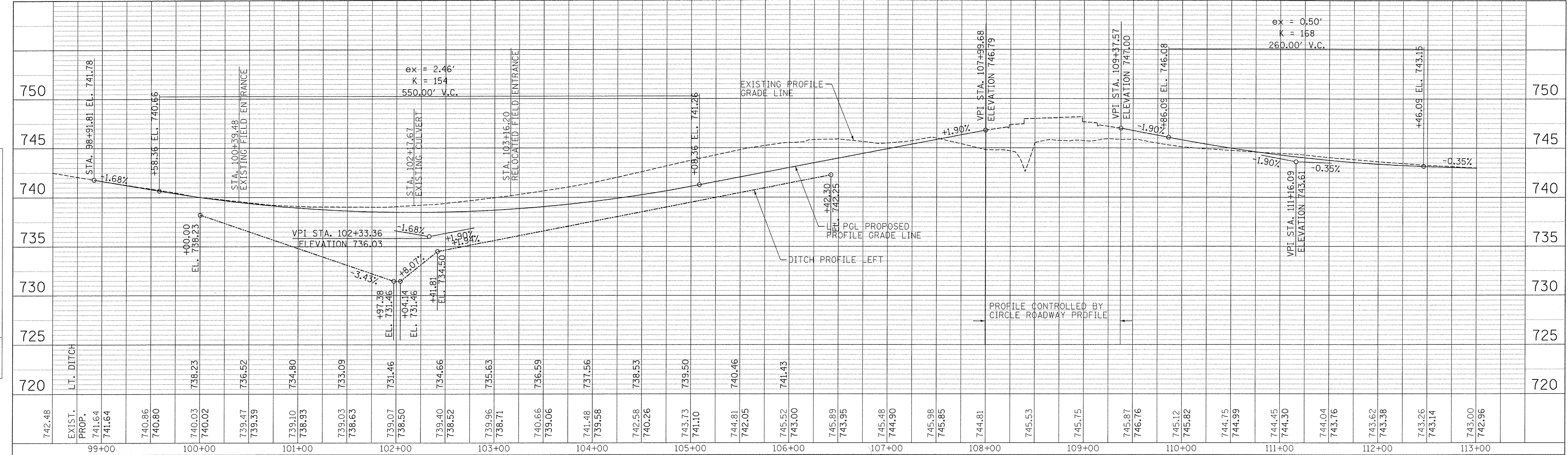
**ALTA LANE /RADNOR ROAD INTERSECTION
ROUNDABOUT PLAN RADNOR ROAD**

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

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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387			CONTRACT NO. 89572	
ILLINOIS FED. AID PROJECT				

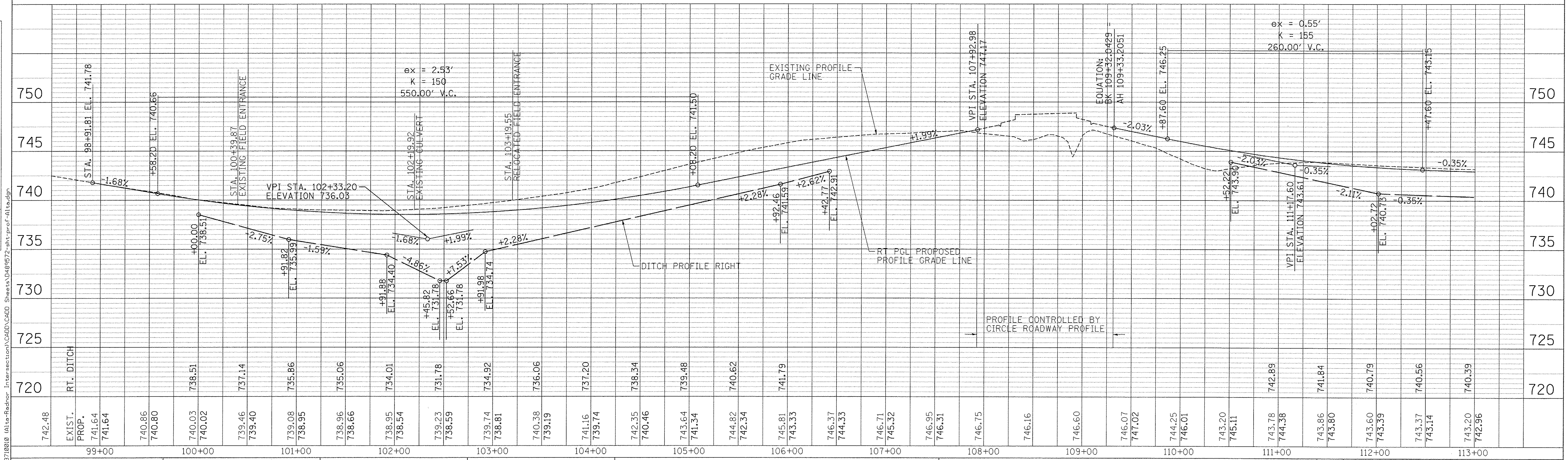
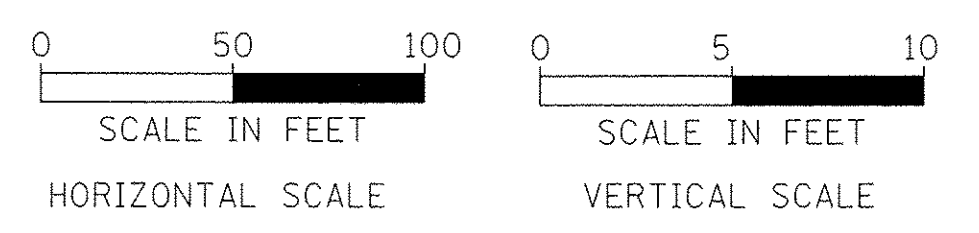
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	RT. OF WAY		
	CHECKED		
	NO.		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES		
	CHECKED		
	B.M. NOTED		
	NO.		
	NO.		



FAS 381 (ALTA LANE) LEFT PGL

FAS 381 (ALTA LANE) RIGHT PGL



MAURER-STUTZ
ENGINEERS SURVEYORS

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 DRAWN -
 CHECKED -
 DATE -

REVISOR -
 REVISION -
 REVISION -
 REVISION -

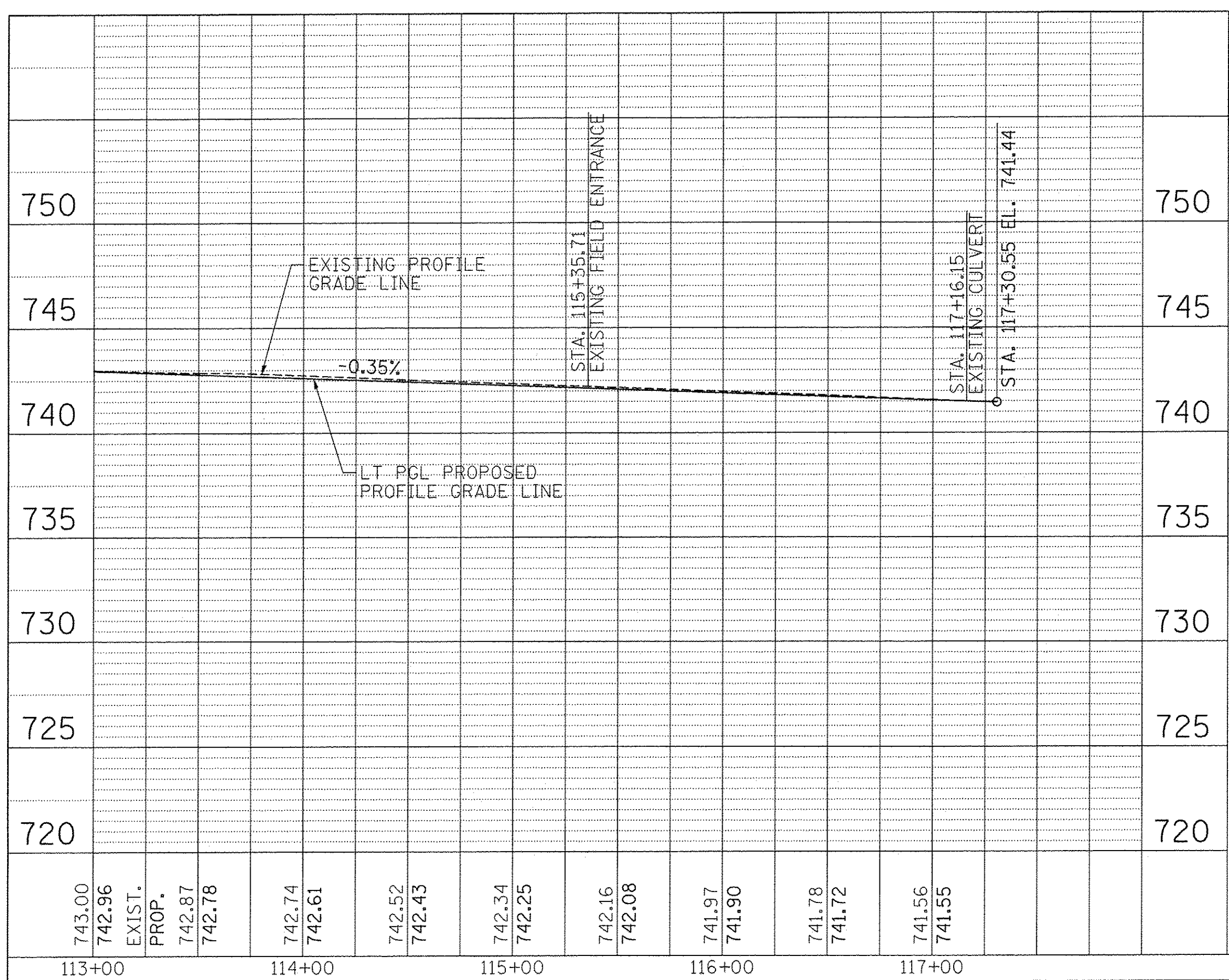
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANERADNOR ROAD INTERSECTION
ALTA LANE LT & RT PGL PROFILE

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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387				CONTRACT NO. 89572
ILLINOIS FED. AID PROJECT				

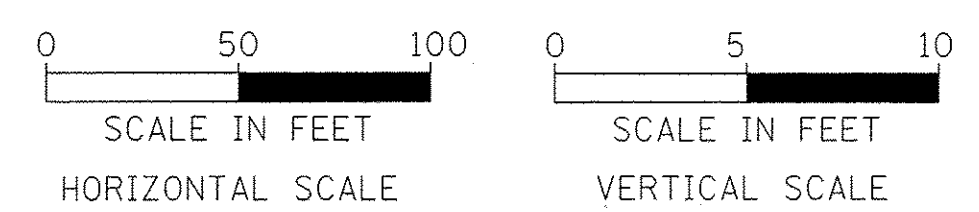
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NO.	RT. OF WAY CHECKED		
	ROAD FILE NAME		

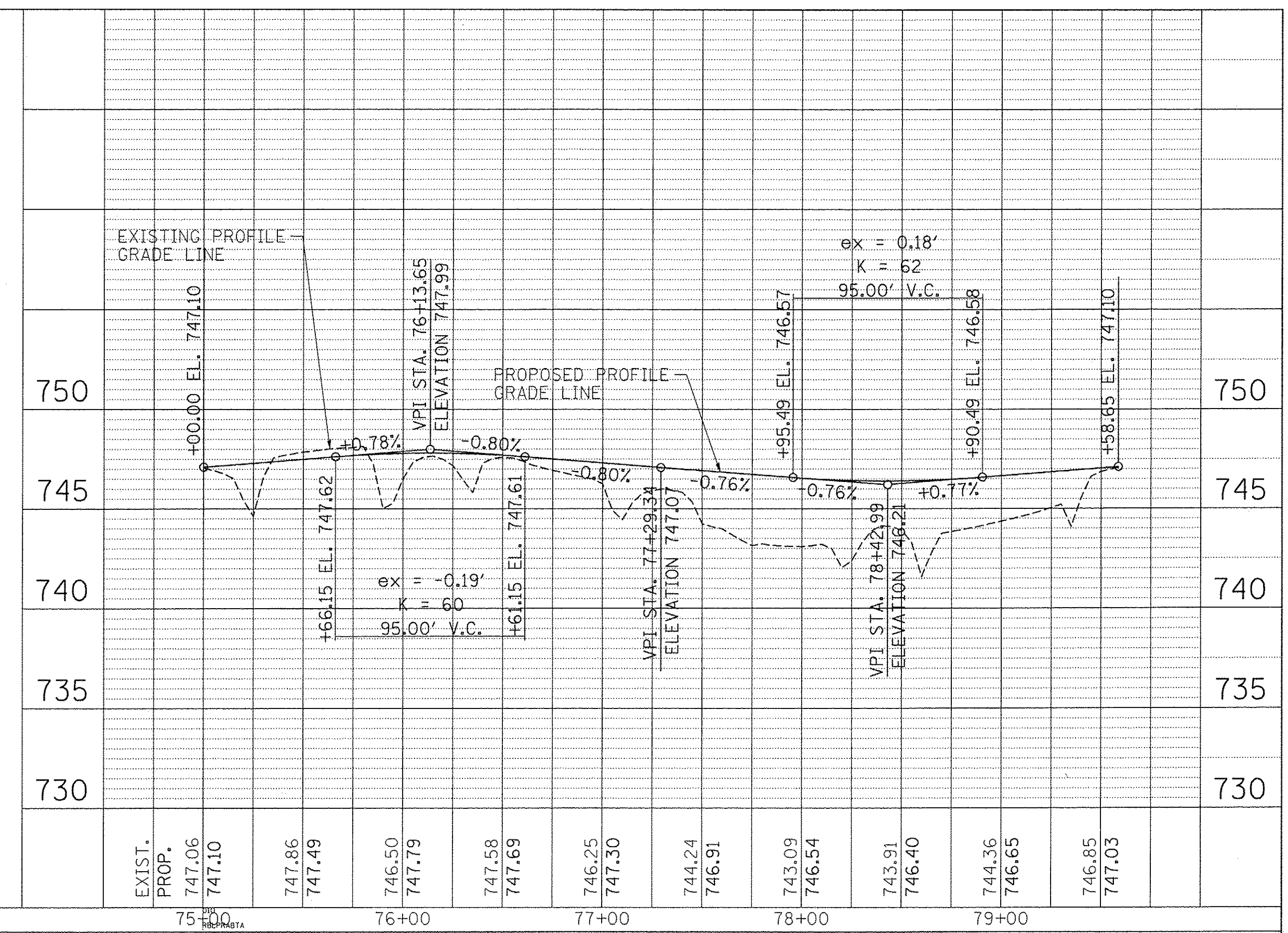
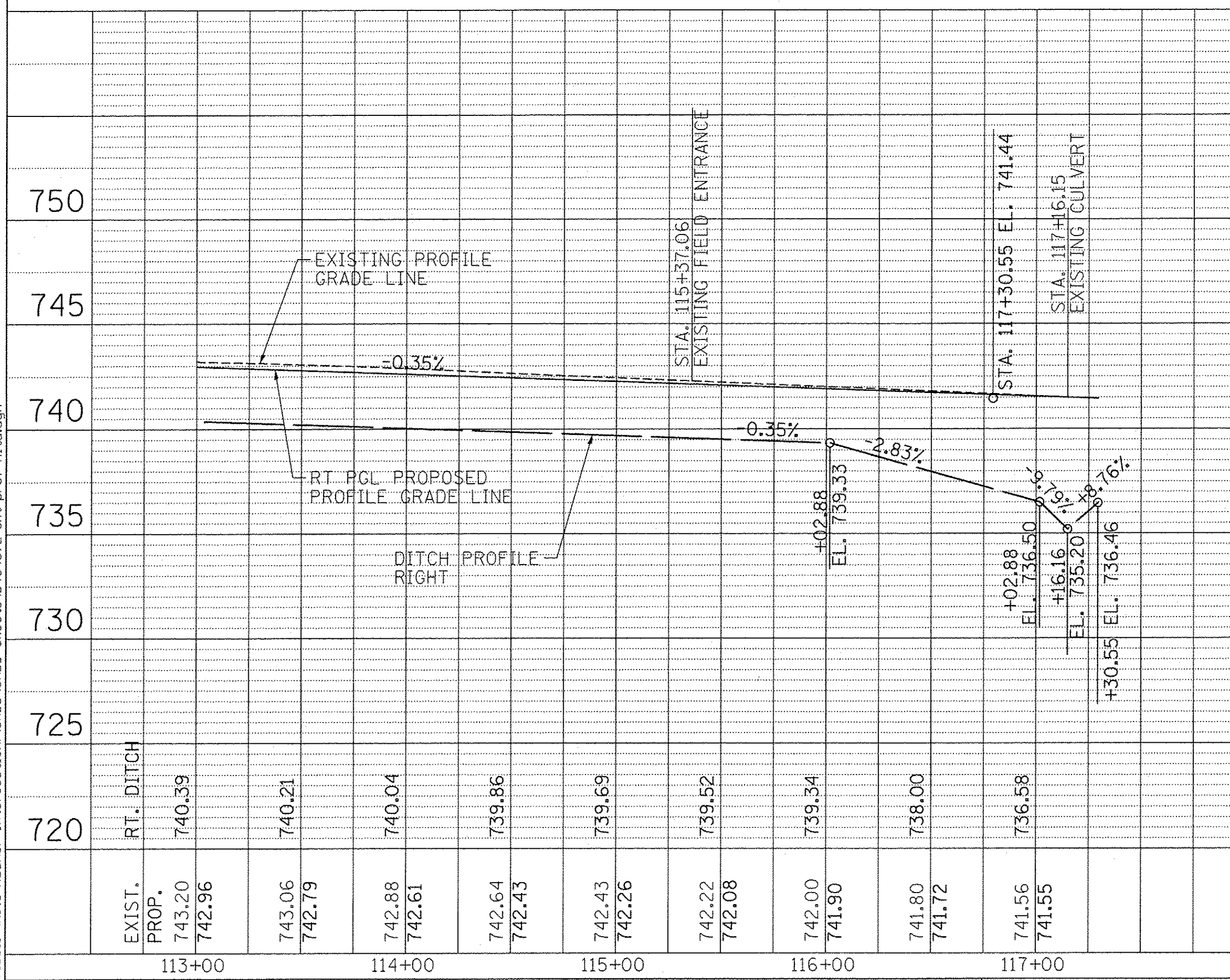


FAS 381 (ALTA LANE) LEFT PGL

FAS 381 (ALTA LANE) RIGHT PGL



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



ROUNDABOUT CIRCLE ROADWAY

MAURER-STUTZ
ENGINEERS SURVEYORS

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

REVISED -
REVISED -
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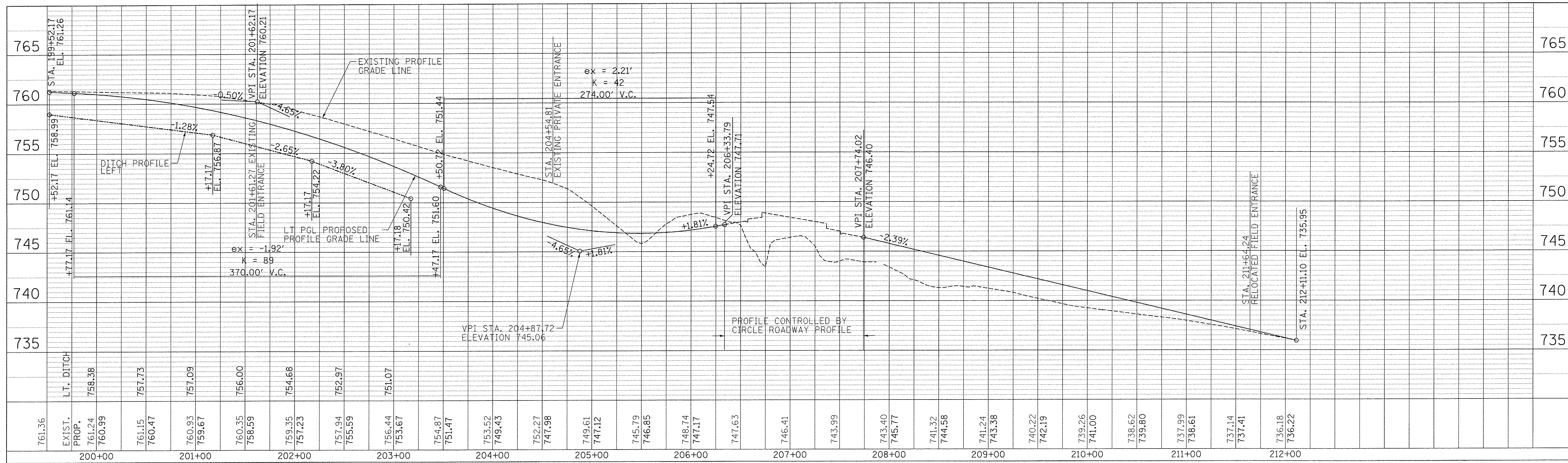
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANERADNOR ROAD INTERSECTION
ALTA LANE LT & RT PGL AND CIRCLE ROADWAY PROFILES

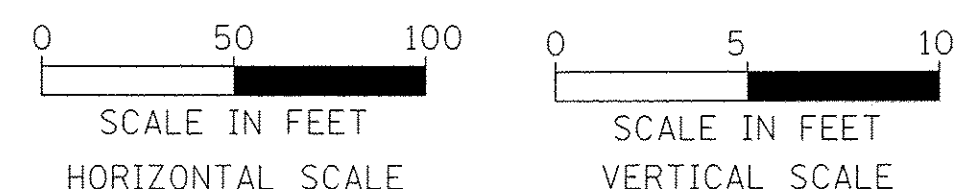
F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	22
387	CONTRACT NO. 89572		ILLINOIS FED. AID PROJECT	

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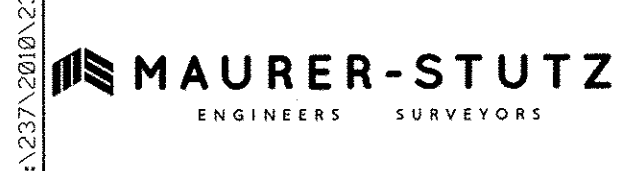
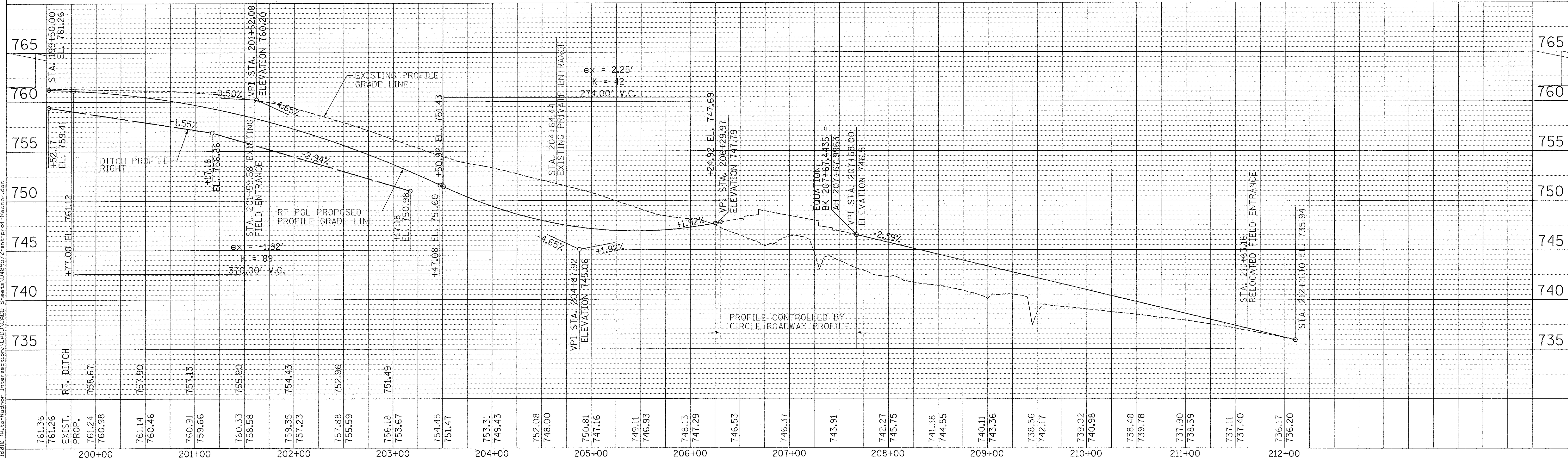


FAS 387 (RADNOR ROAD) LEFT PGL



FAS 387 (RADNOR ROAD) RIGHT PGL

PROFILE	SURVEYED	BY	DATE
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	B.M. NOTED		
	STRUCTURE NOTATIONS C/P/R/D		
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANERADNOR ROAD INTERSECTION			
RADNOR ROAD LT & RT PGL PROFILE			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	23
387	CONTRACT NO. 89572			
[ILLINOIS] FED. AID PROJECT				

FILE NAME = S:\237\2010\23710010 (Alta-Radnor-Intersection)\CADD\CADD Sheets\0489572-shr-prof-Radnor.dgn

NOTE:
EXACT SIGN LOCATIONS TO BE DETERMINED
IN THE FIELD BY THE ENGINEER

INTERSECTION CLOSURE



DETOUR SIGN LOCATION LEGEND

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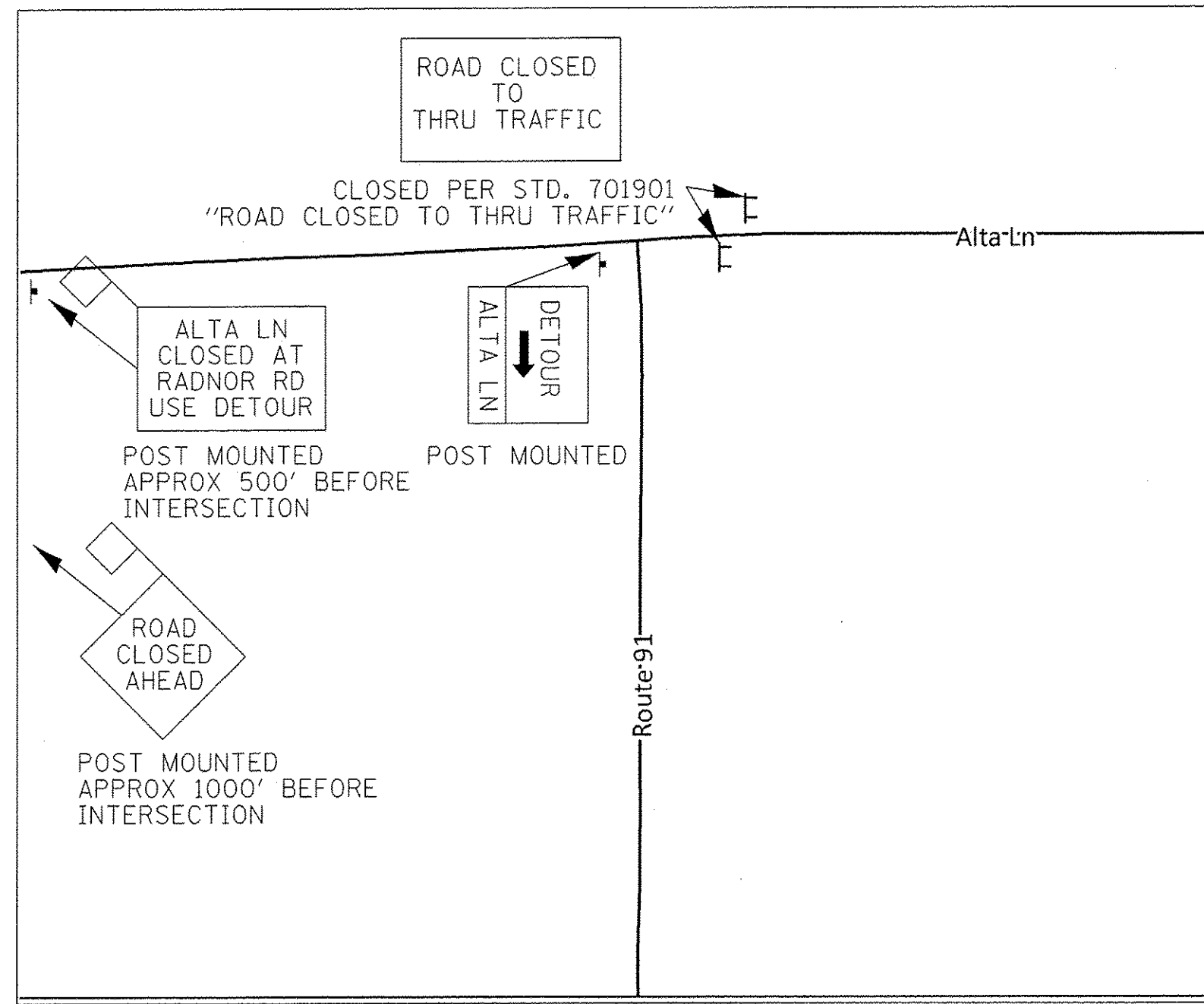
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

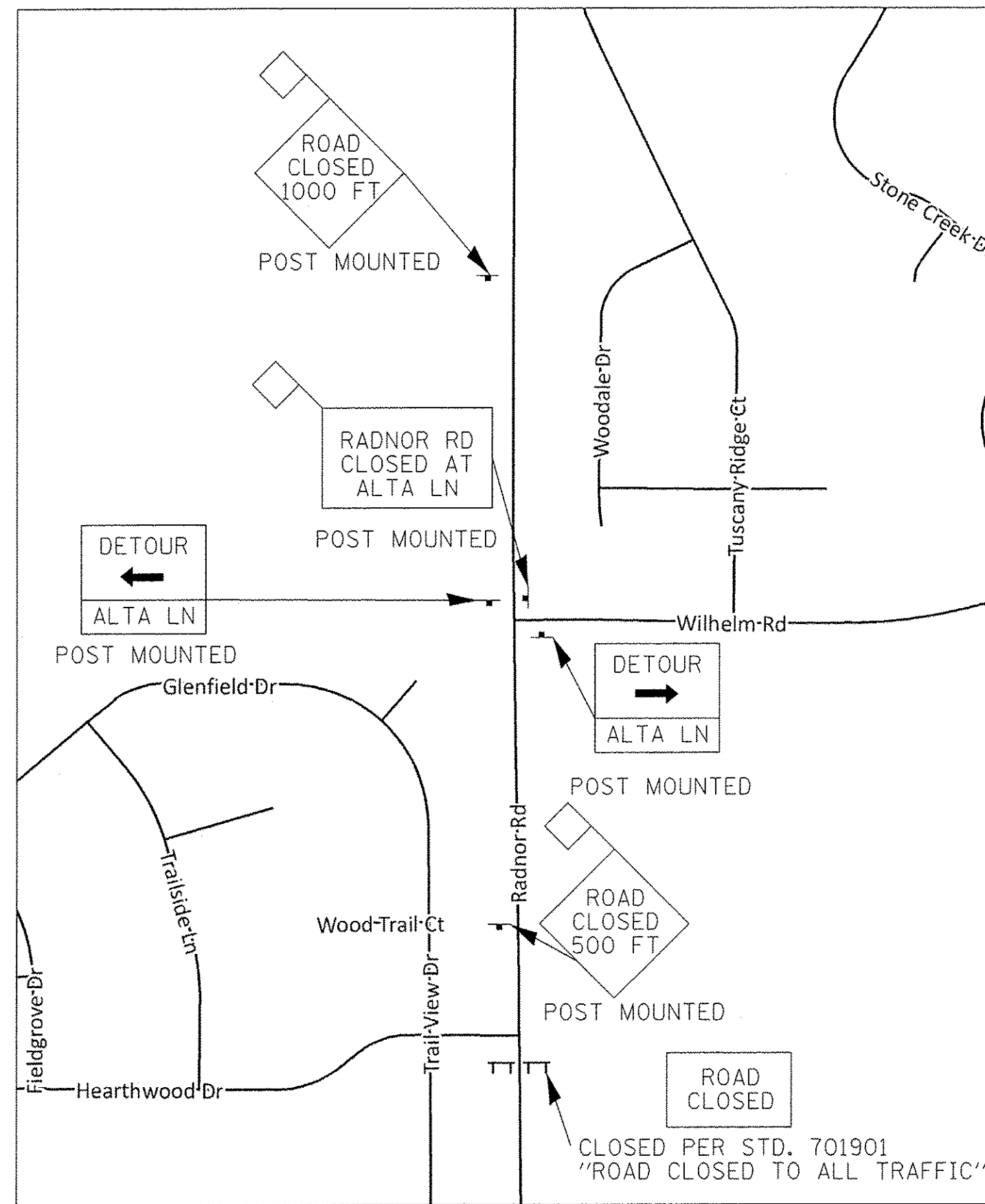
**ALTA LANE / RADNOR ROAD INTERSECTION
DETOUR PLAN**

F.A.S. RTE. 381	CITY SECTION 09-00342-00-PW	COUNTY PEORIA	TOTAL SHEETS 72	SHEET NO. 24
387			CONTRACT NO. 89572	
[ILLINOIS] FED. AID PROJECT				

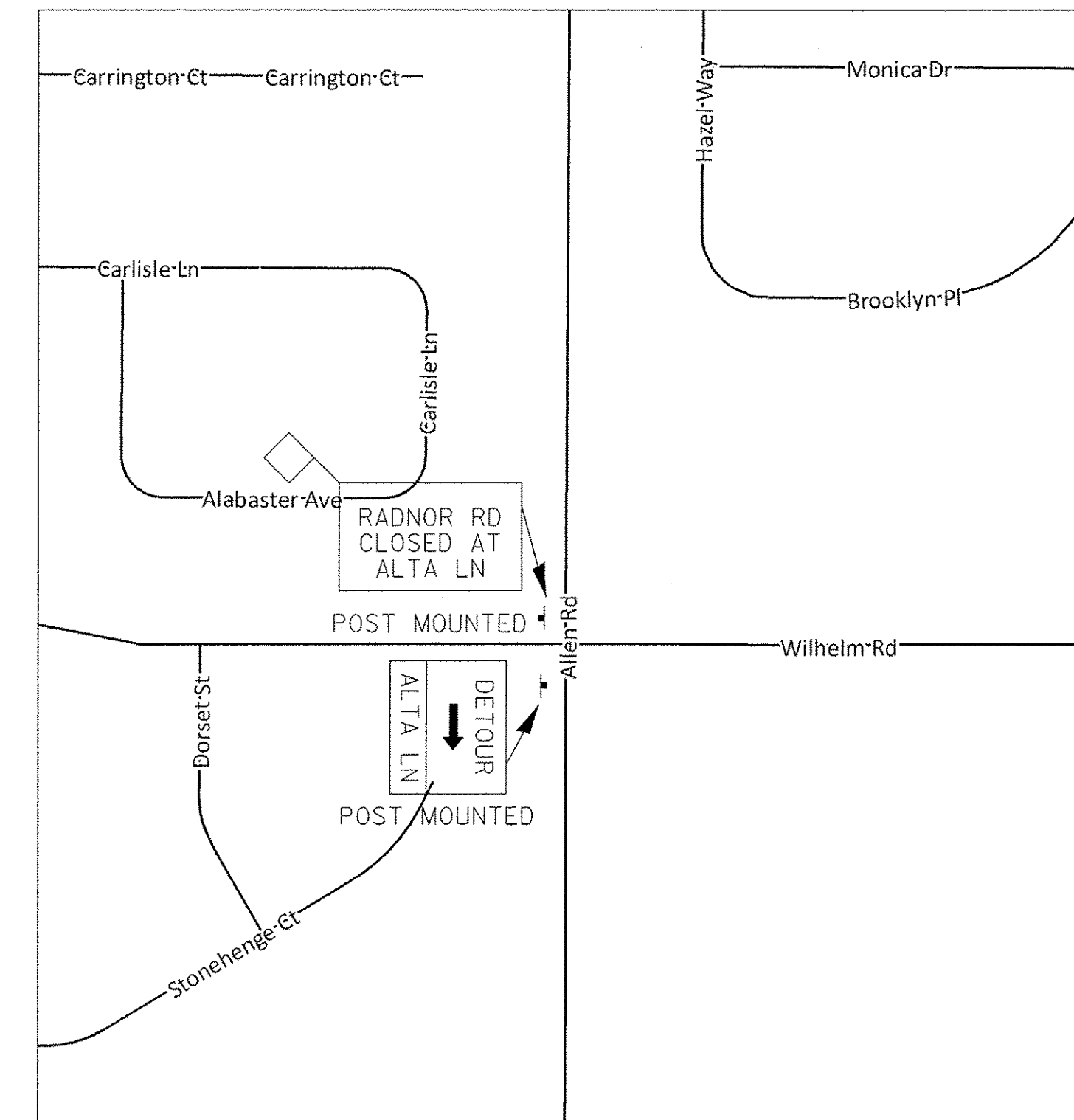
SCALE: SHEET NO. OF SHEETS STA. TO STA.



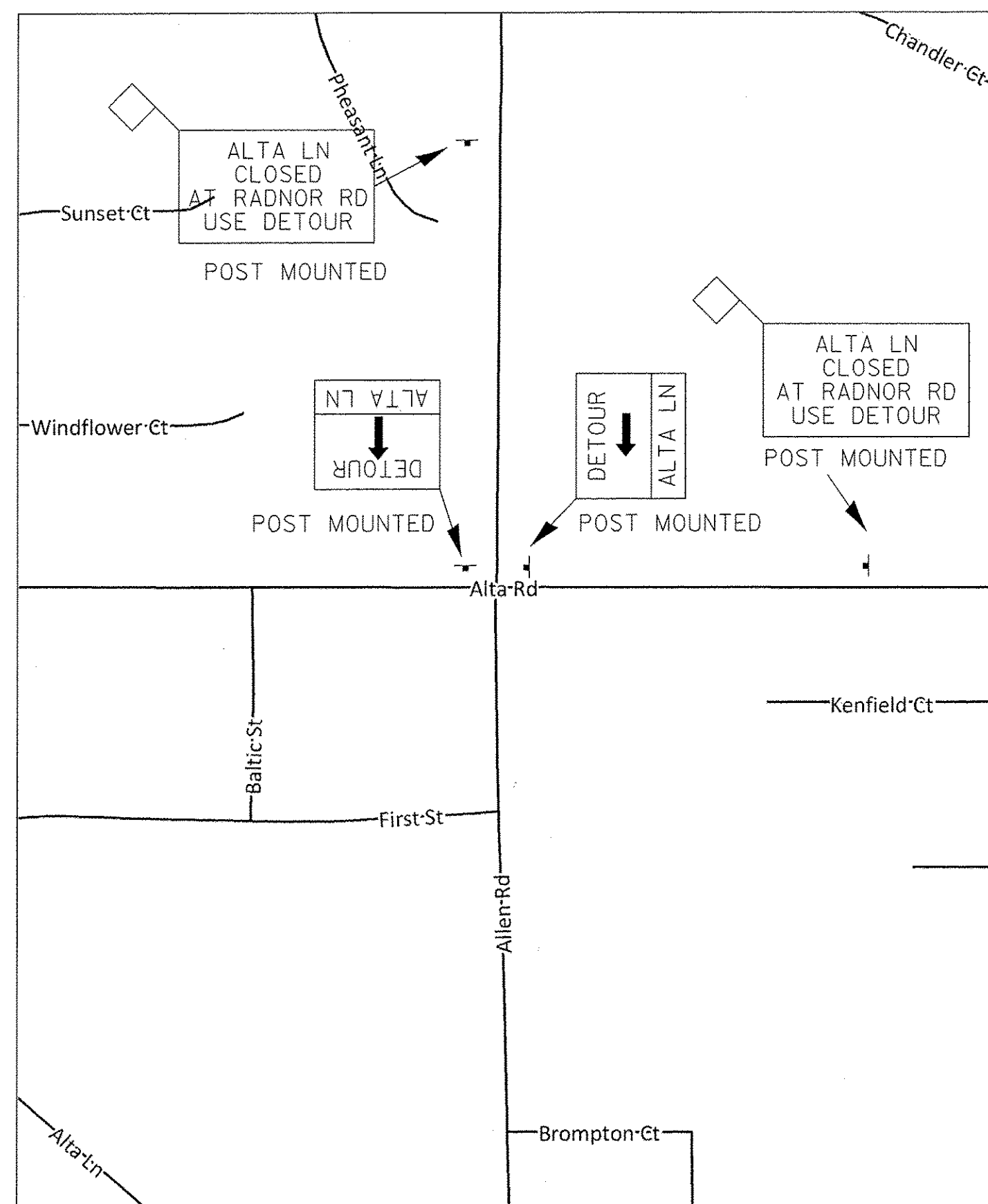
LOCATION ①



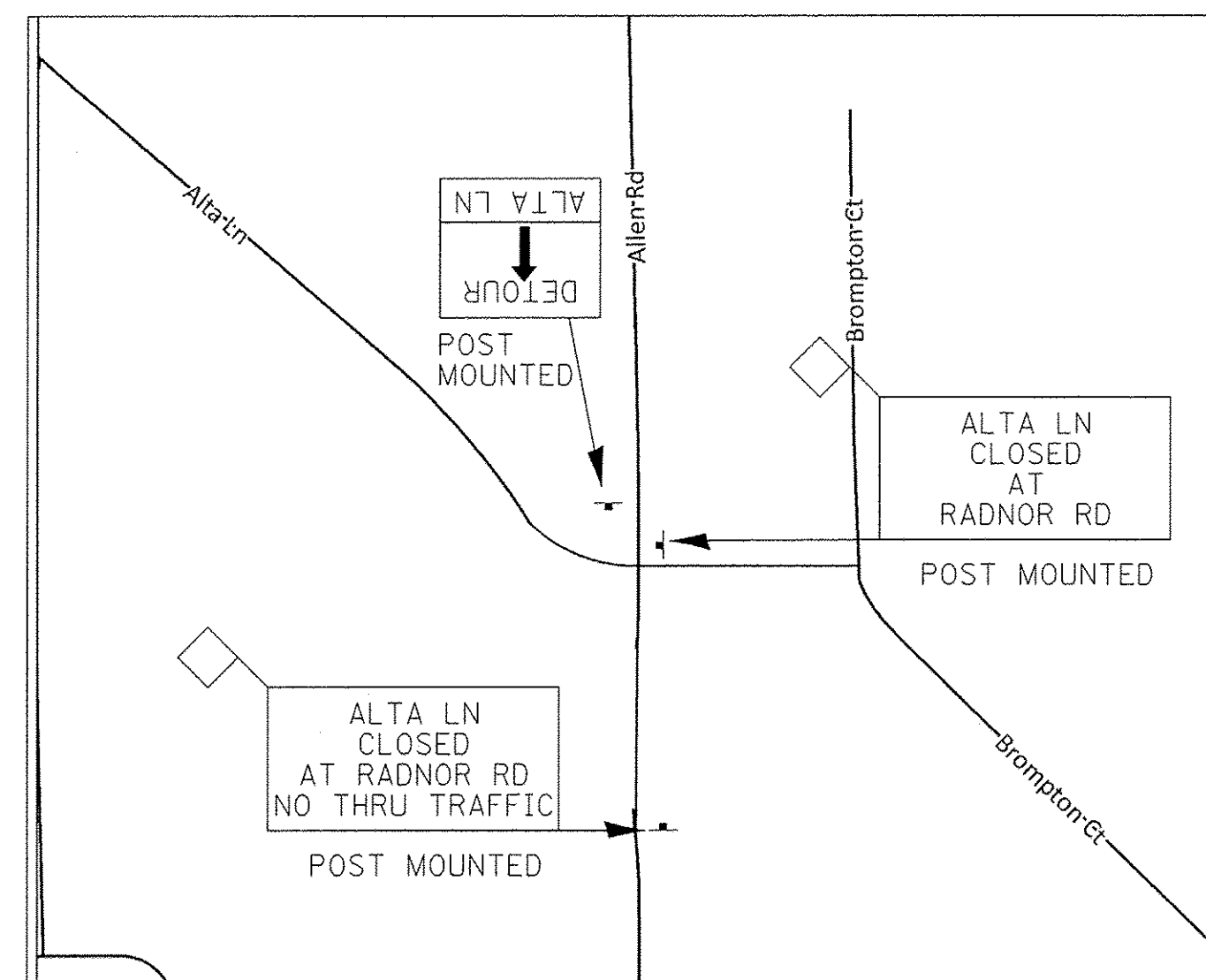
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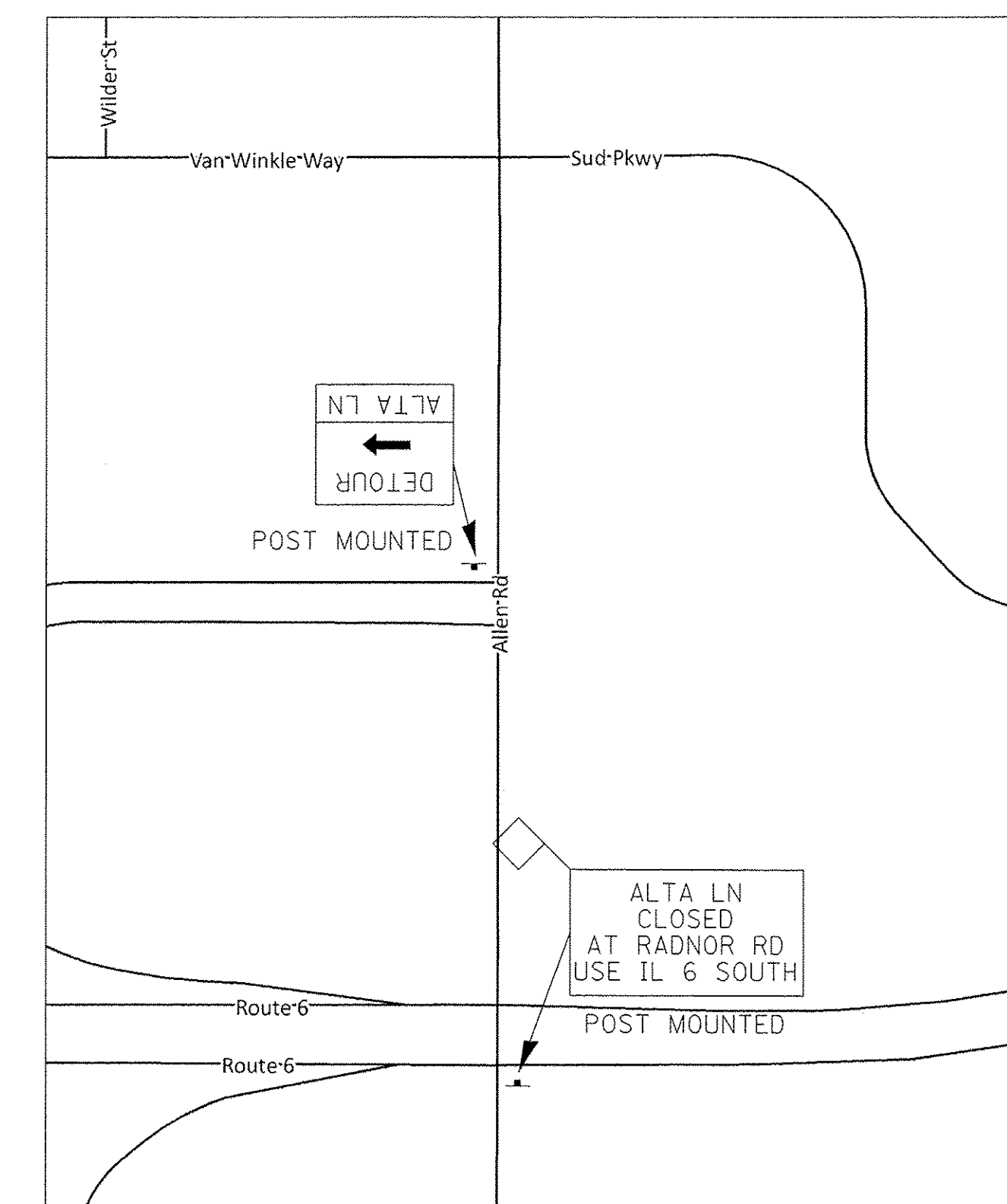
LOCATION ③



LOCATION ④



LOCATION ⑤



LOCATION ⑥

NOTE:
EXACT SIGN LOCATIONS TO BE DETERMINED
IN THE FIELD BY THE ENGINEER.

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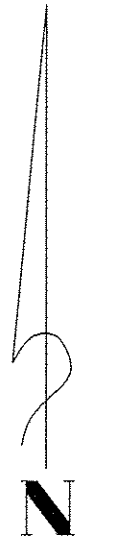
MAURER-STUTZ
ENGINEERS SURVEYORS

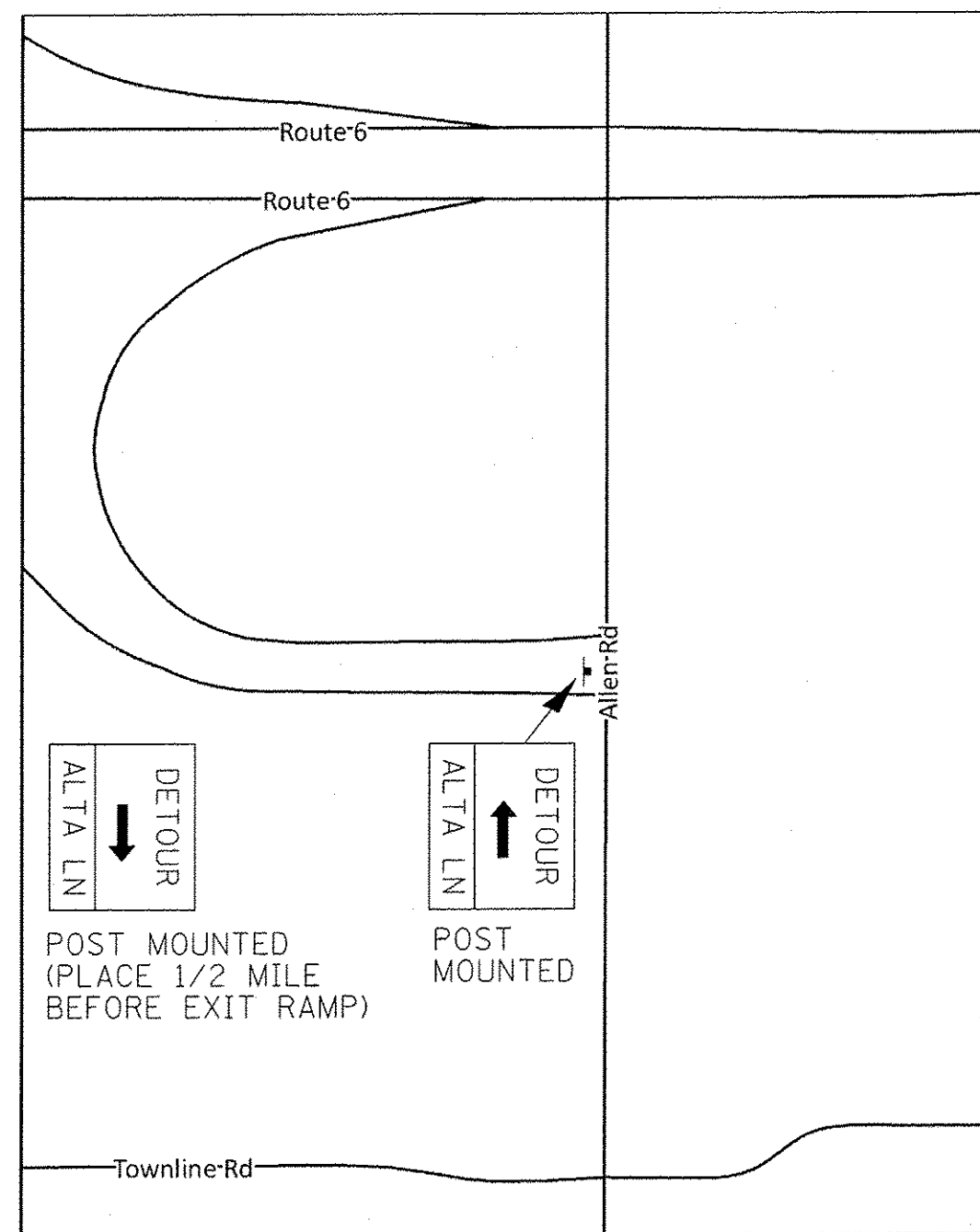
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

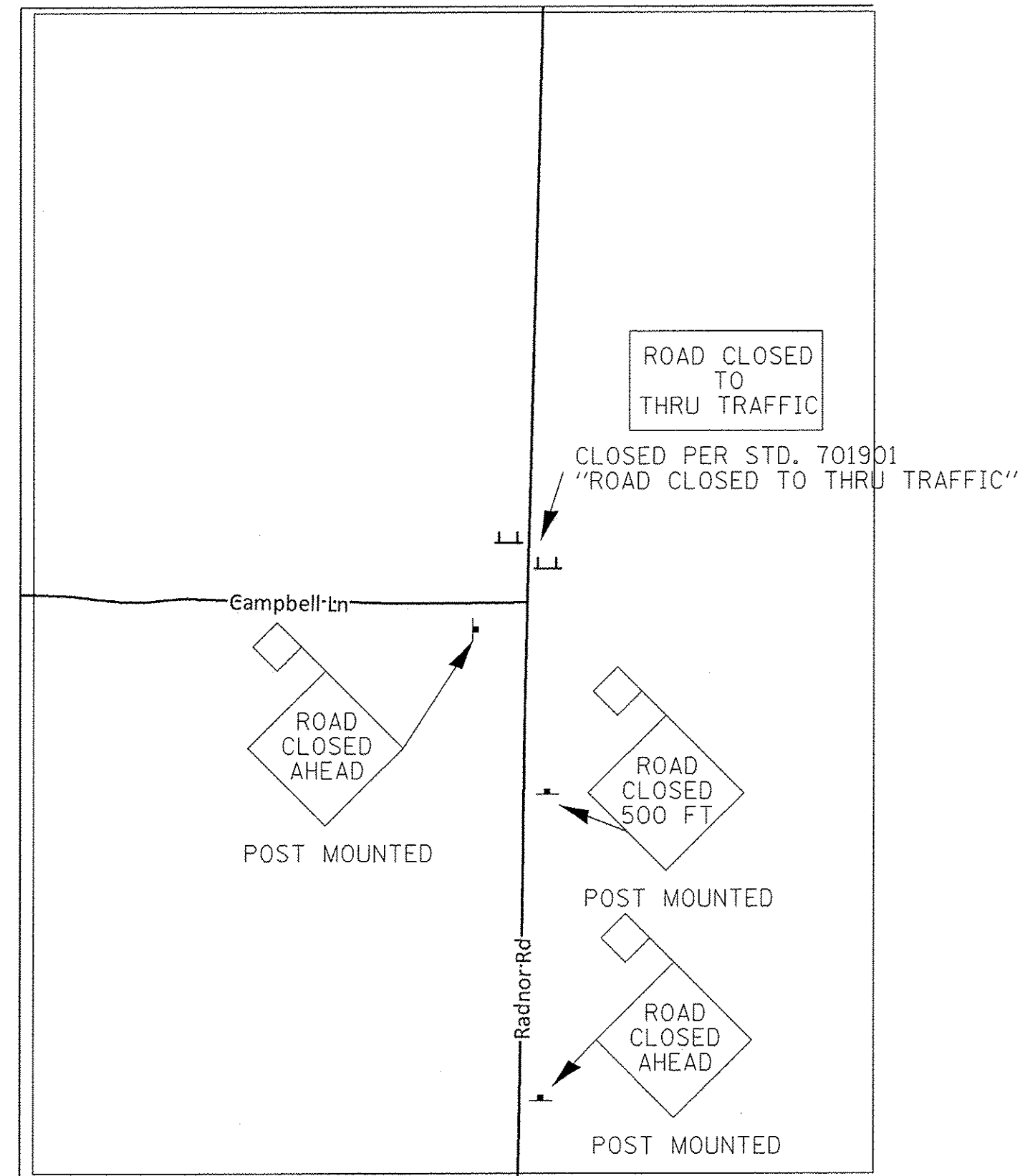
ALTA LANE / RADNOR ROAD INTERSECTION			
DETOUR PLAN			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	25
387	CONTRACT NO. 89572			
ILLINOIS FED. AID PROJECT				

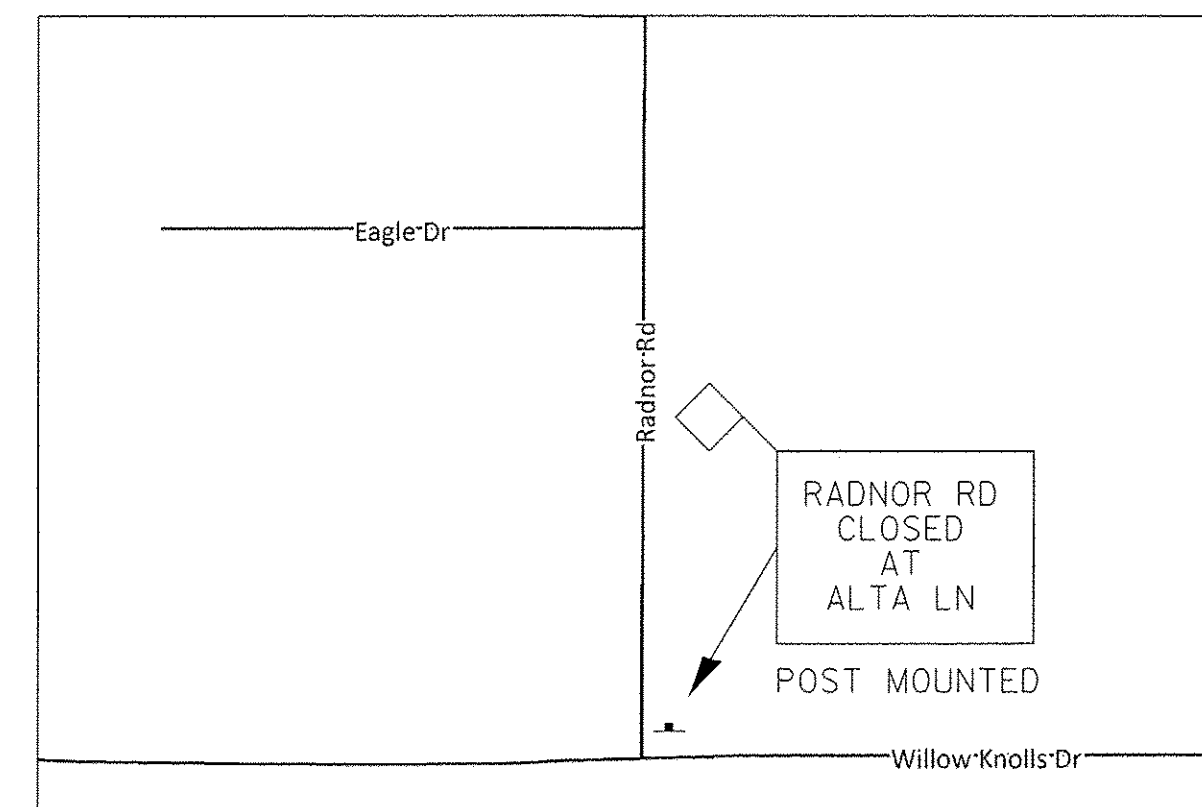




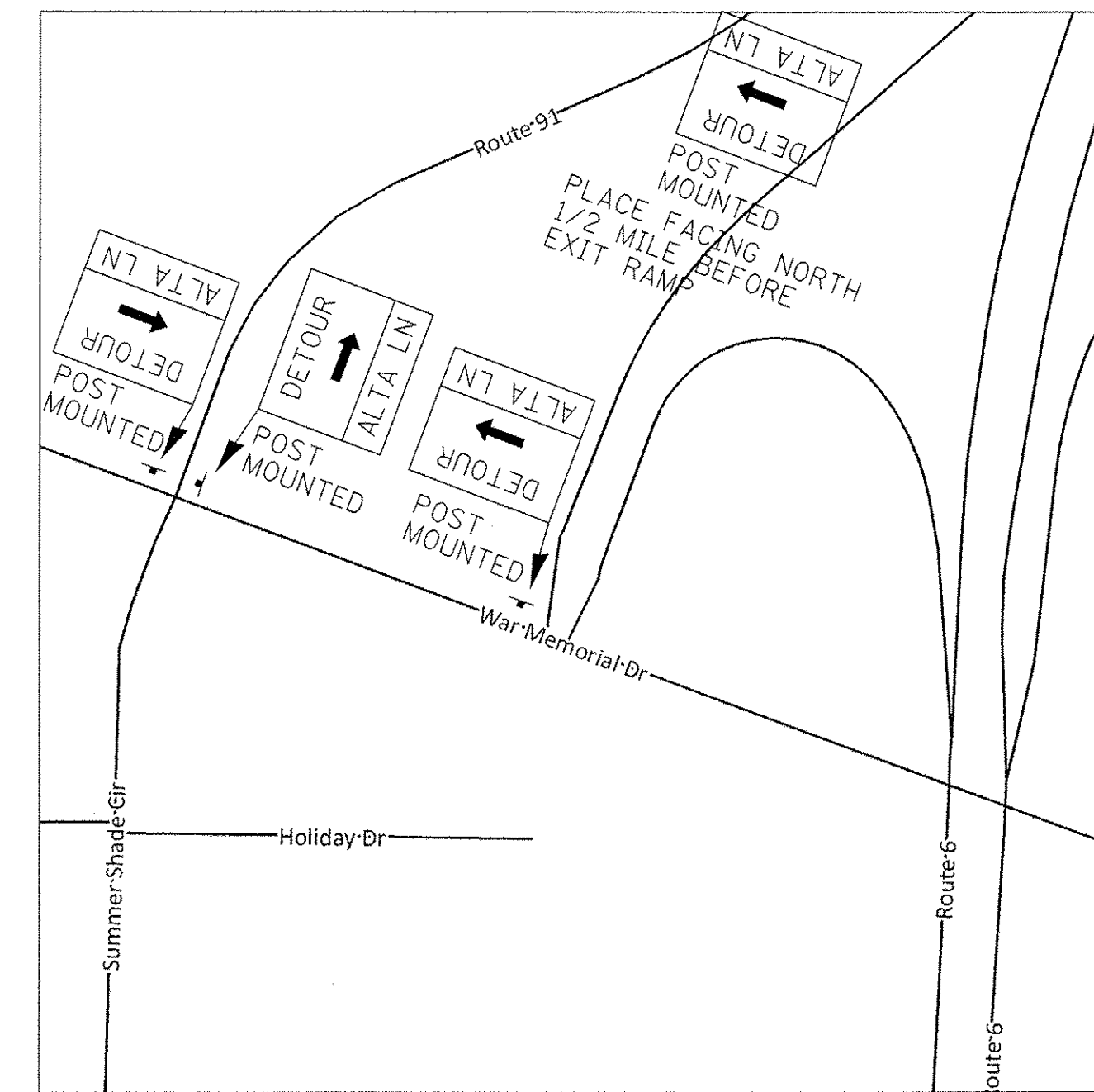
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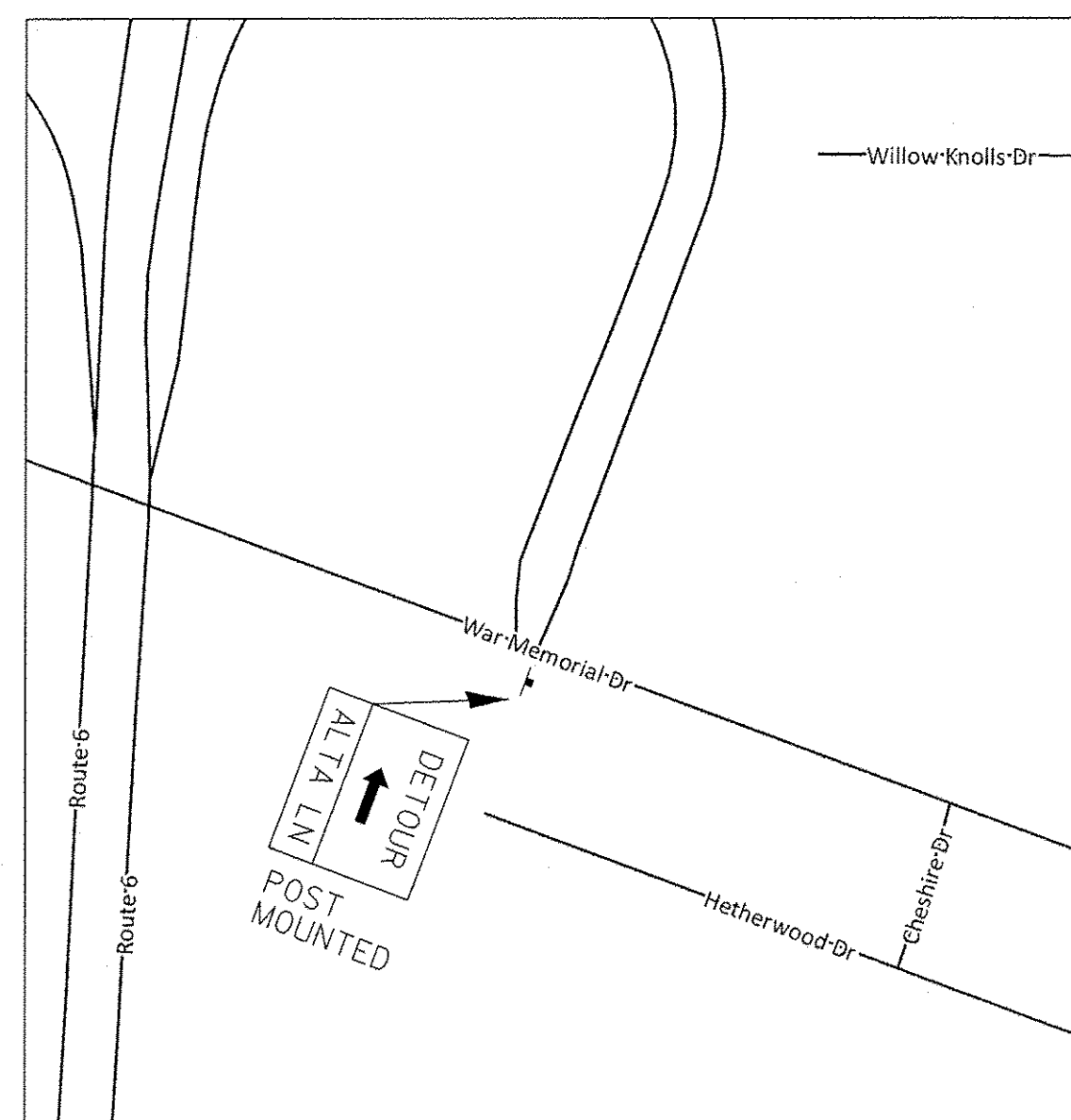
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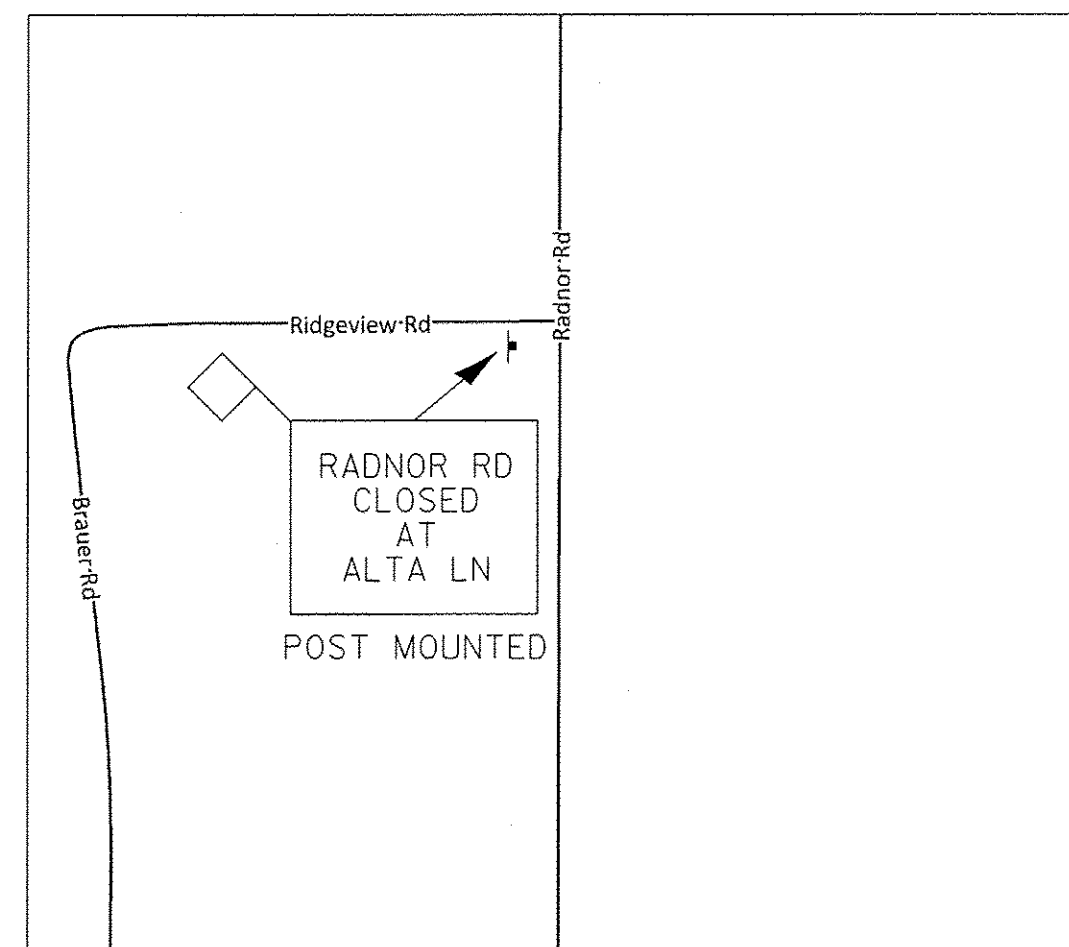
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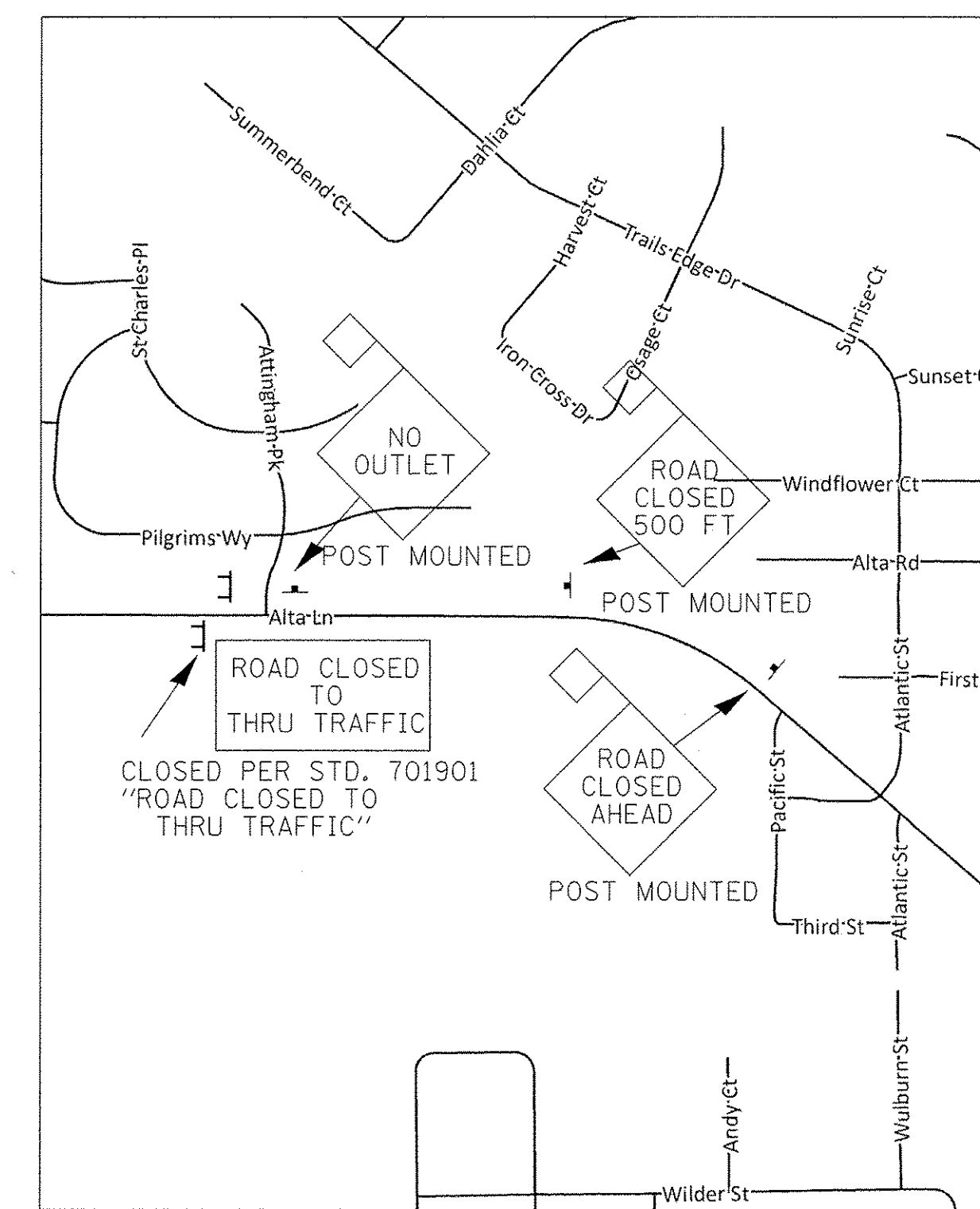
LOCATION 10



LOCATION 11



LOCATION 12



LOCATION 13

NOTE:
EXACT SIGN LOCATIONS TO BE DETERMINED
IN THE FIELD BY THE ENGINEER.

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MAURER-STUTZ
ENGINEERS SURVEYORS

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PLOT DATE = 1/3/2017 3:43:30 PM
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DATE -

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REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALTA LANE /RADNOR ROAD INTERSECTION
DETOUR PLAN**

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

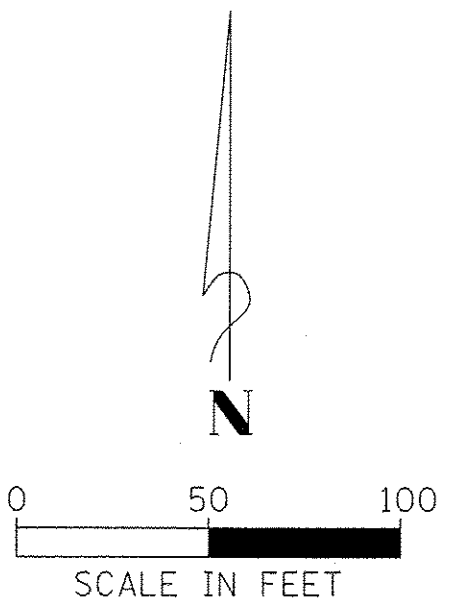
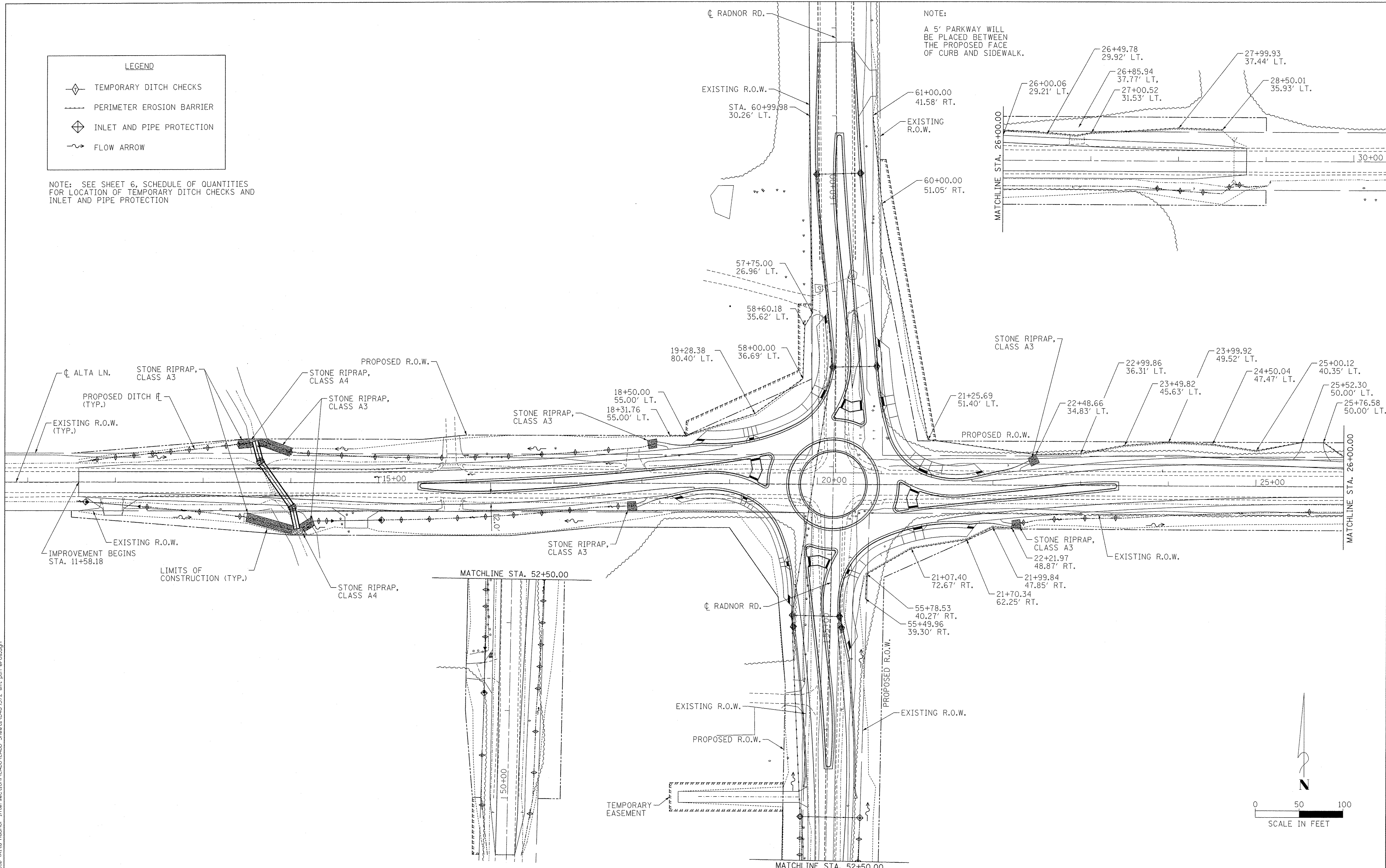
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381	09-00342-00-PW	PEORIA	72	26
387	CONTRACT NO. 89572			
ILLINOIS FED. AID PROJECT				

LEGEND

- ◇ TEMPORARY DITCH CHECKS
- PERIMETER EROSION BARRIER
- ◇ INLET AND PIPE PROTECTION
- FLOW ARROW

NOTE: SEE SHEET 6, SCHEDULE OF QUANTITIES FOR LOCATION OF TEMPORARY DITCH CHECKS AND INLET AND PIPE PROTECTION

NOTE:
A 5' PARKWAY WILL BE PLACED BETWEEN THE PROPOSED FACE OF CURB AND SIDEWALK.



FILE NAME = SA:\2017\2018\2018\09\Radnor_Intersection\CADD\CADD_Sheets\0489572-shr-pln-erosion.dgn

MAURER-STUTZ
ENGINEERS SURVEYORS

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DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

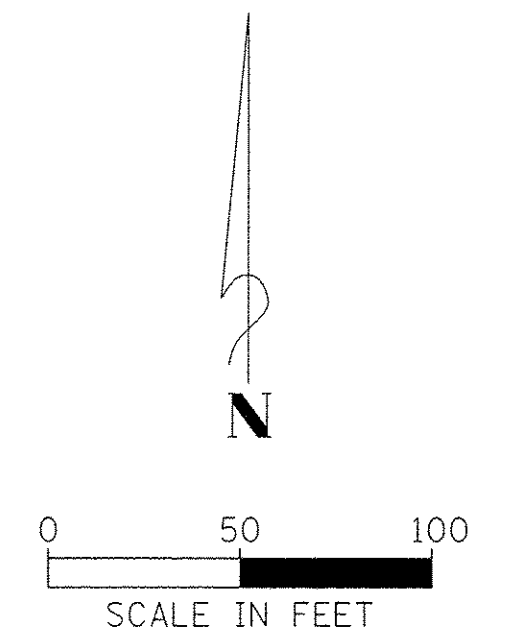
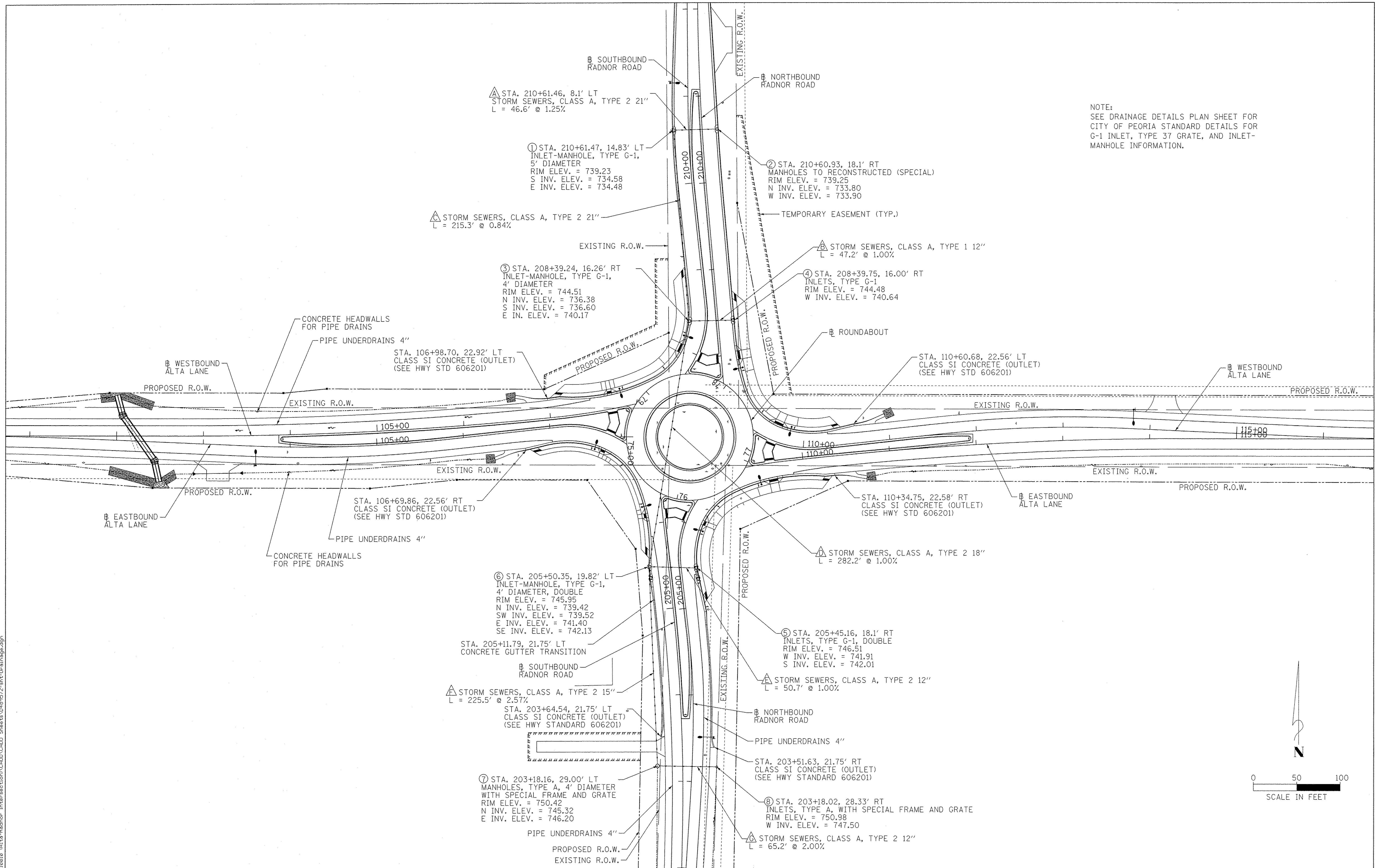
ALTA LANE /RADNOR ROAD INTERSECTION
EROSION CONTROL

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

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	27
387		CONTRACT NO. 89572		

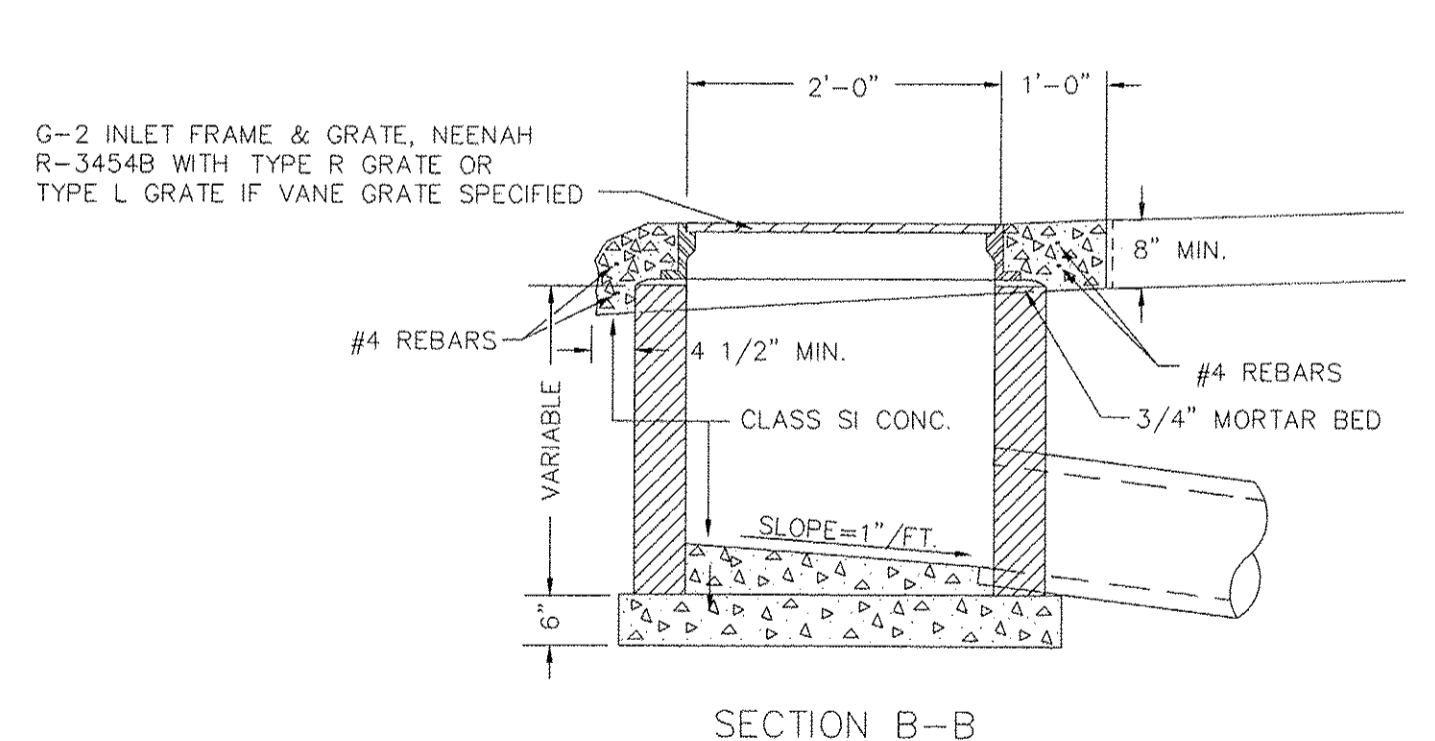
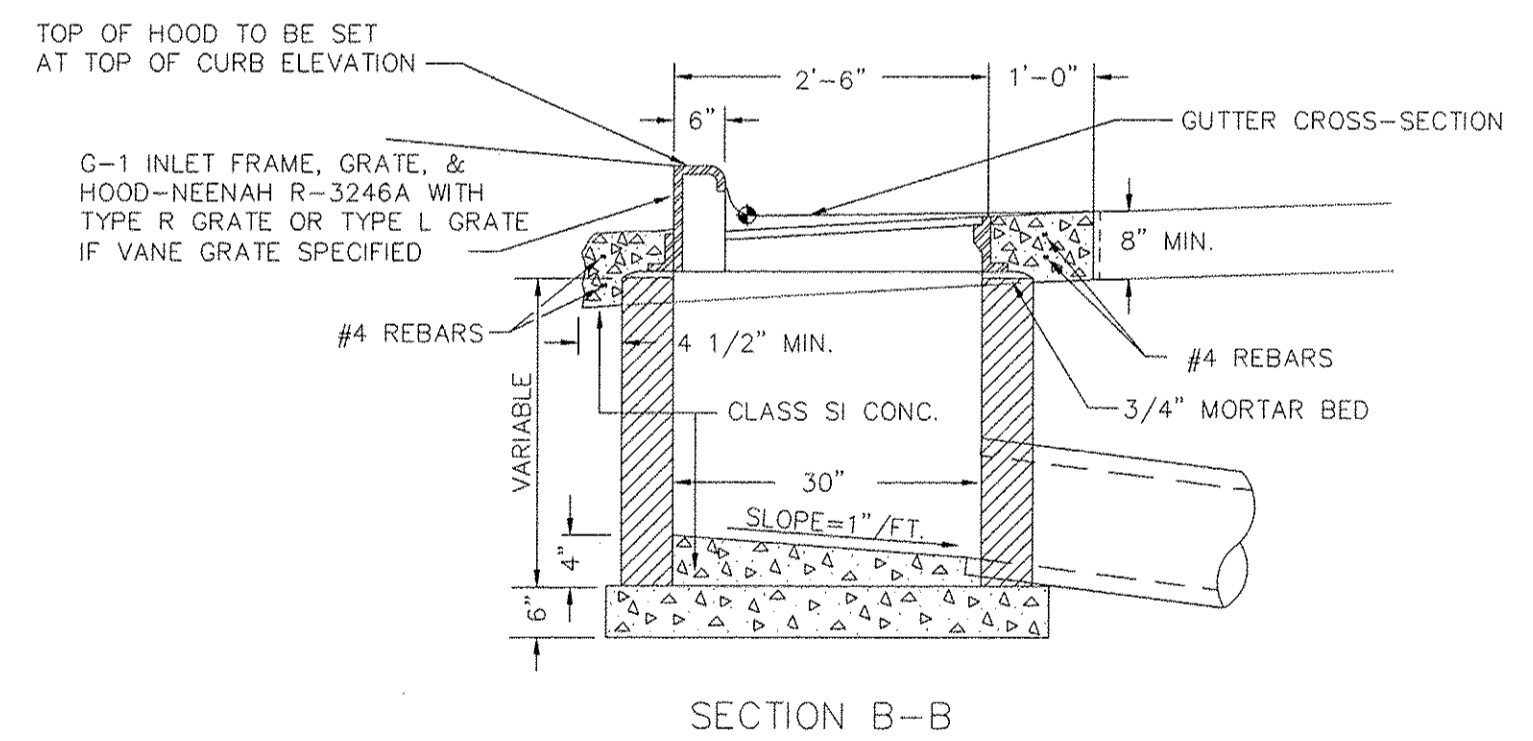
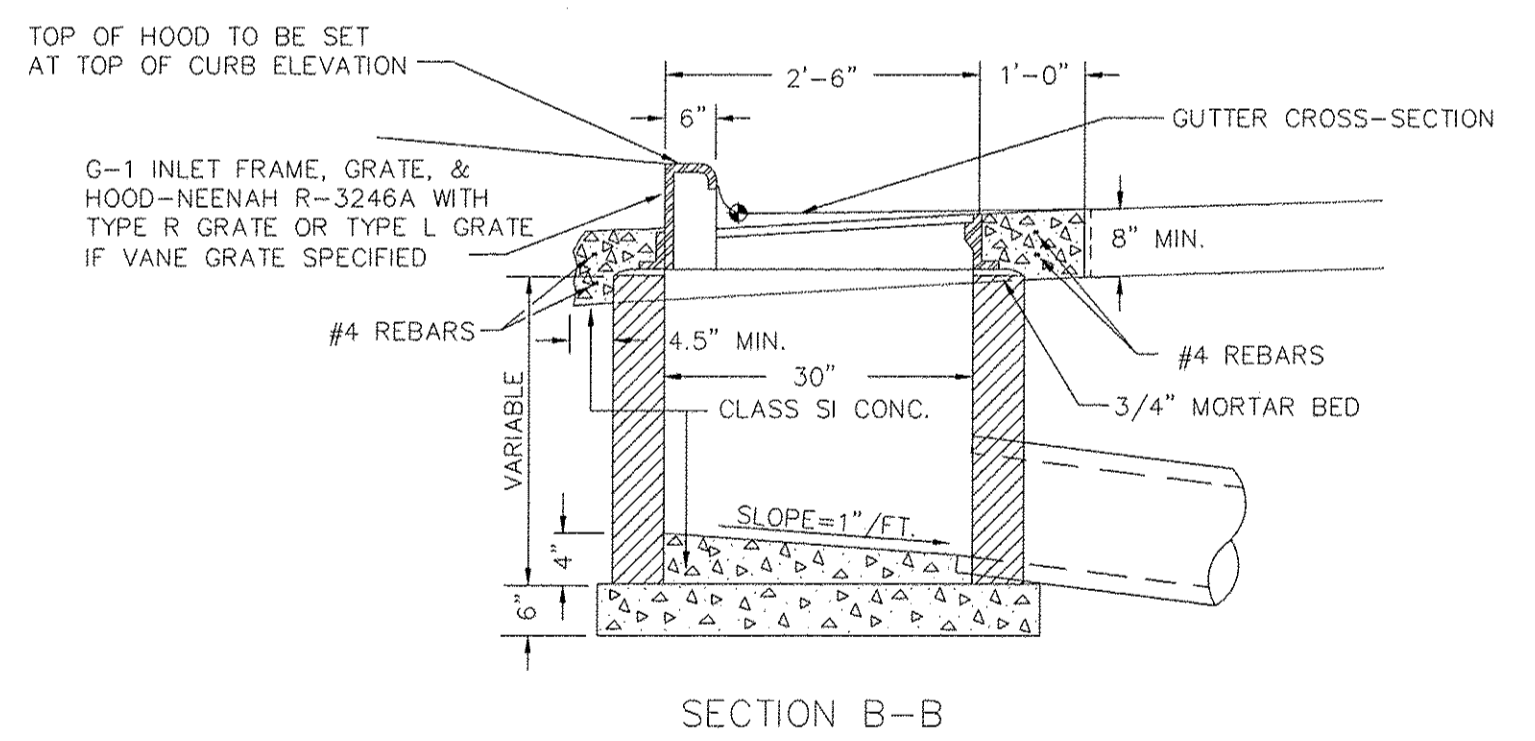
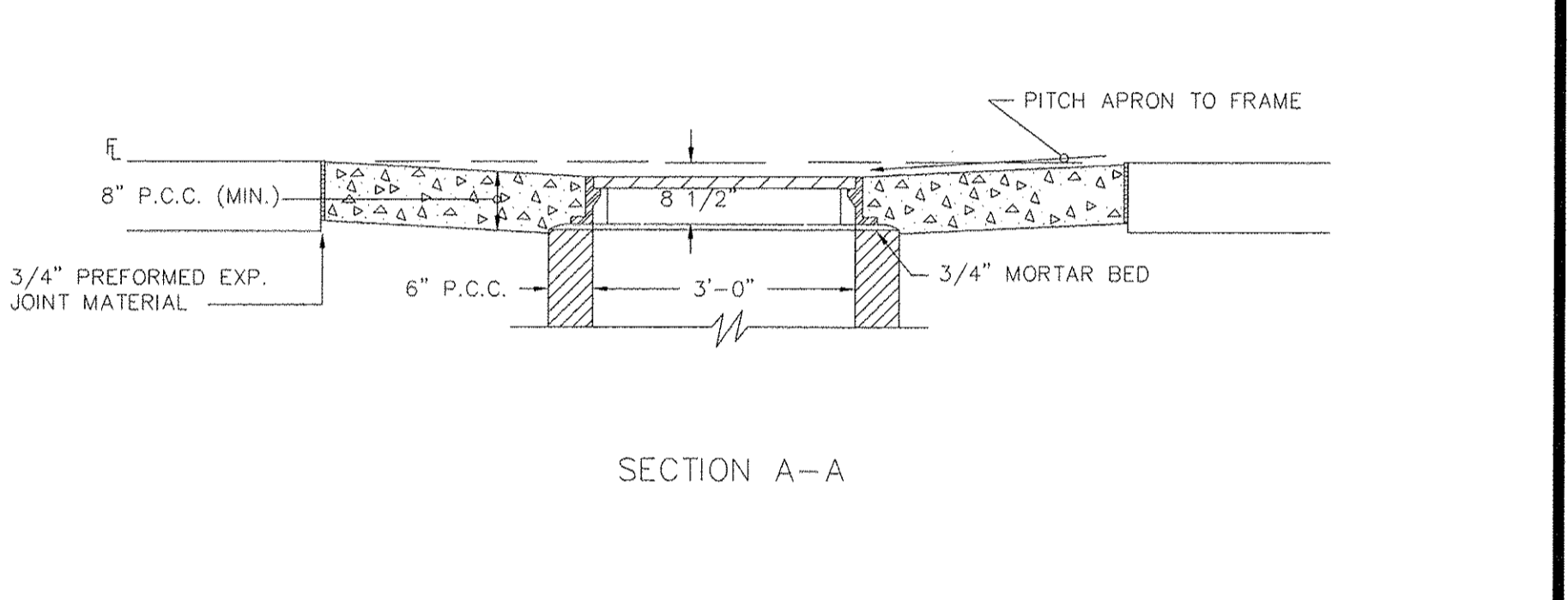
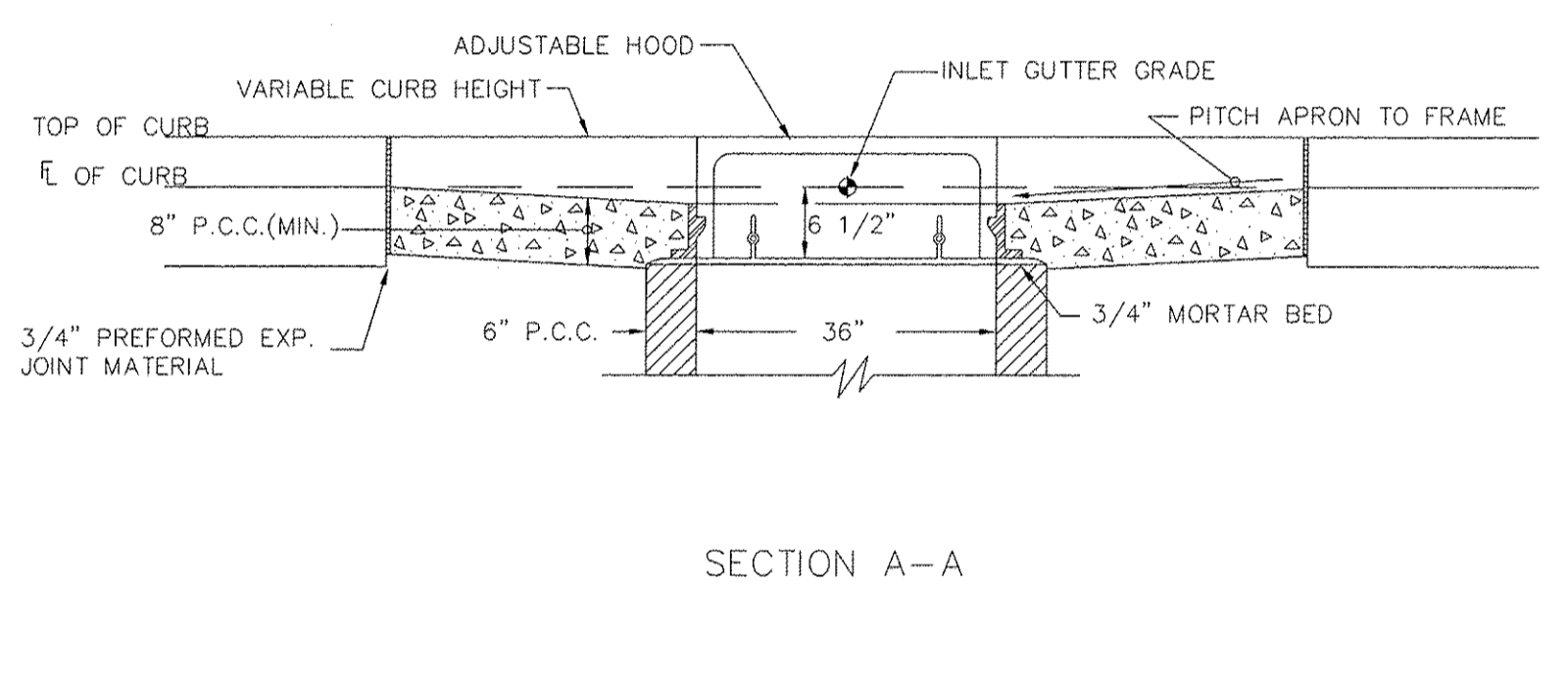
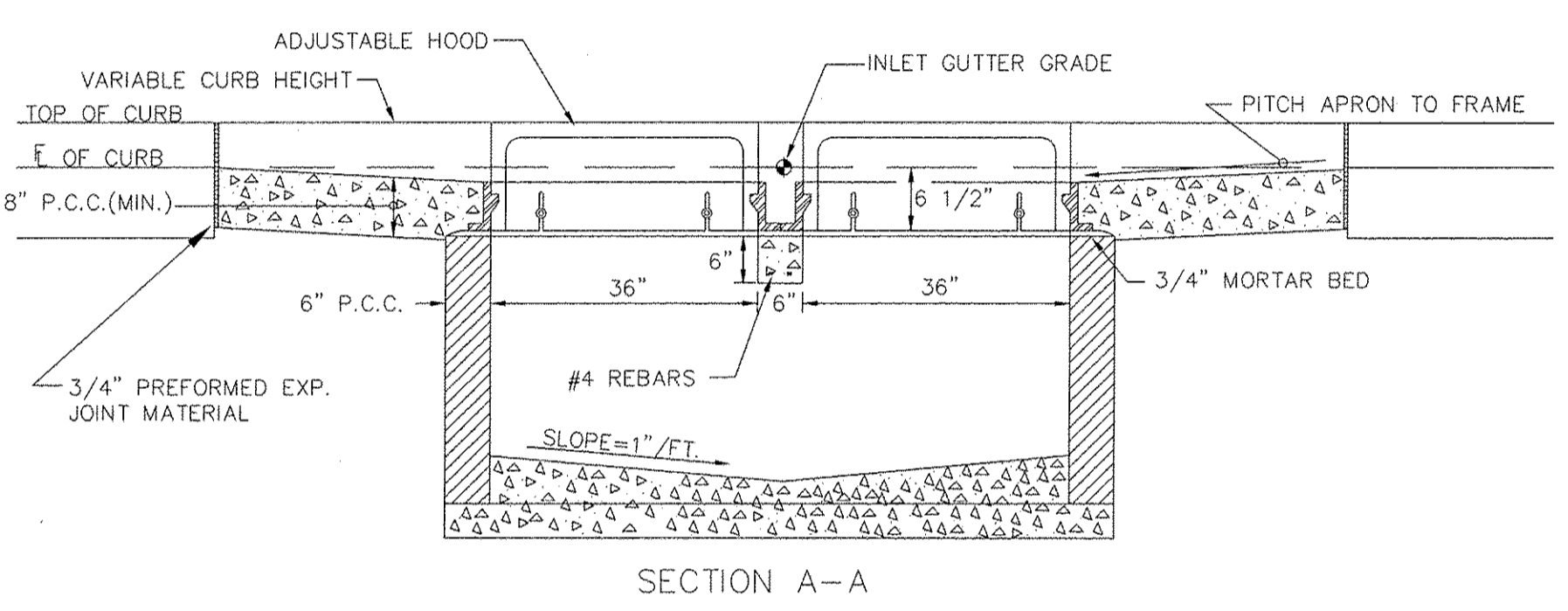
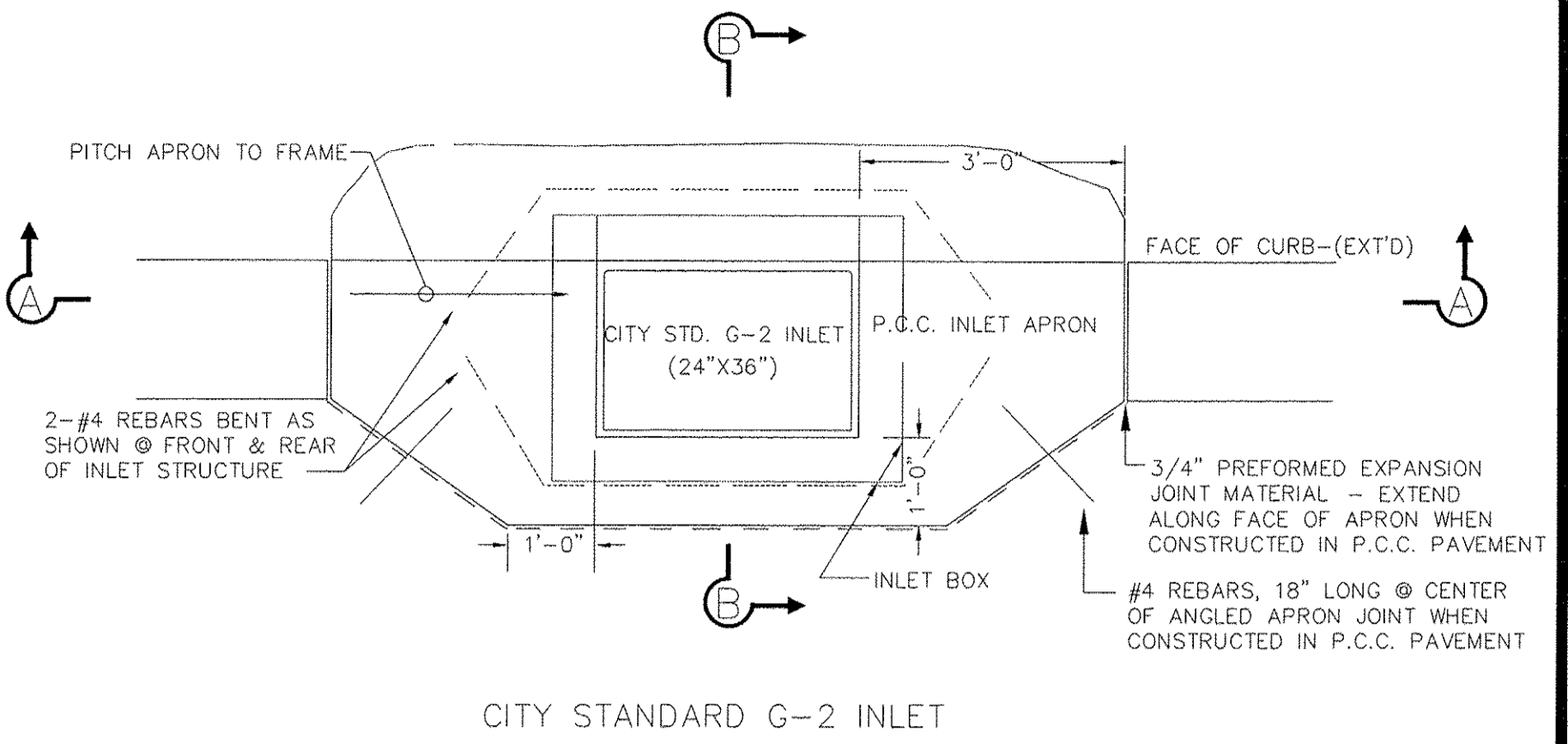
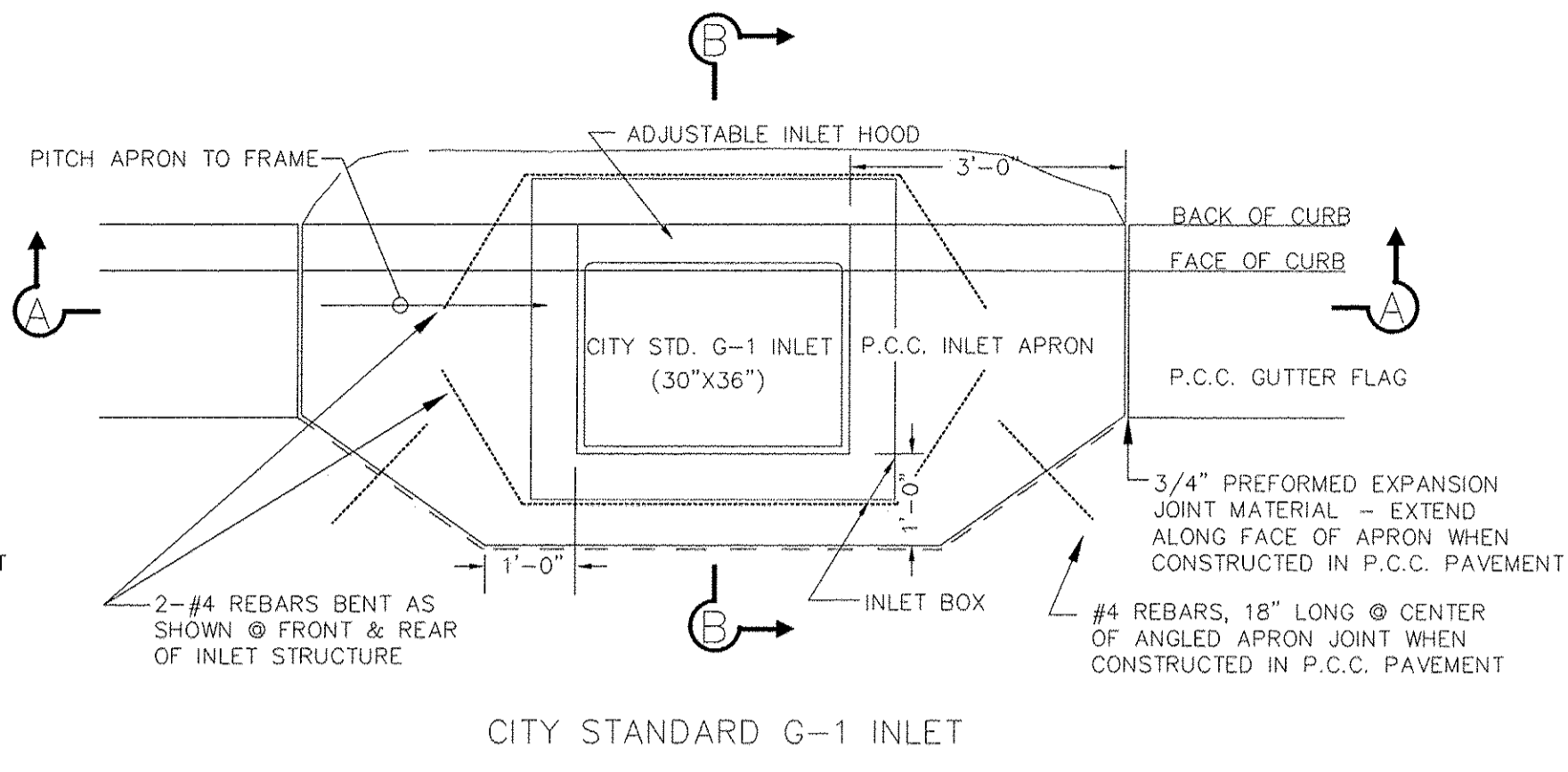
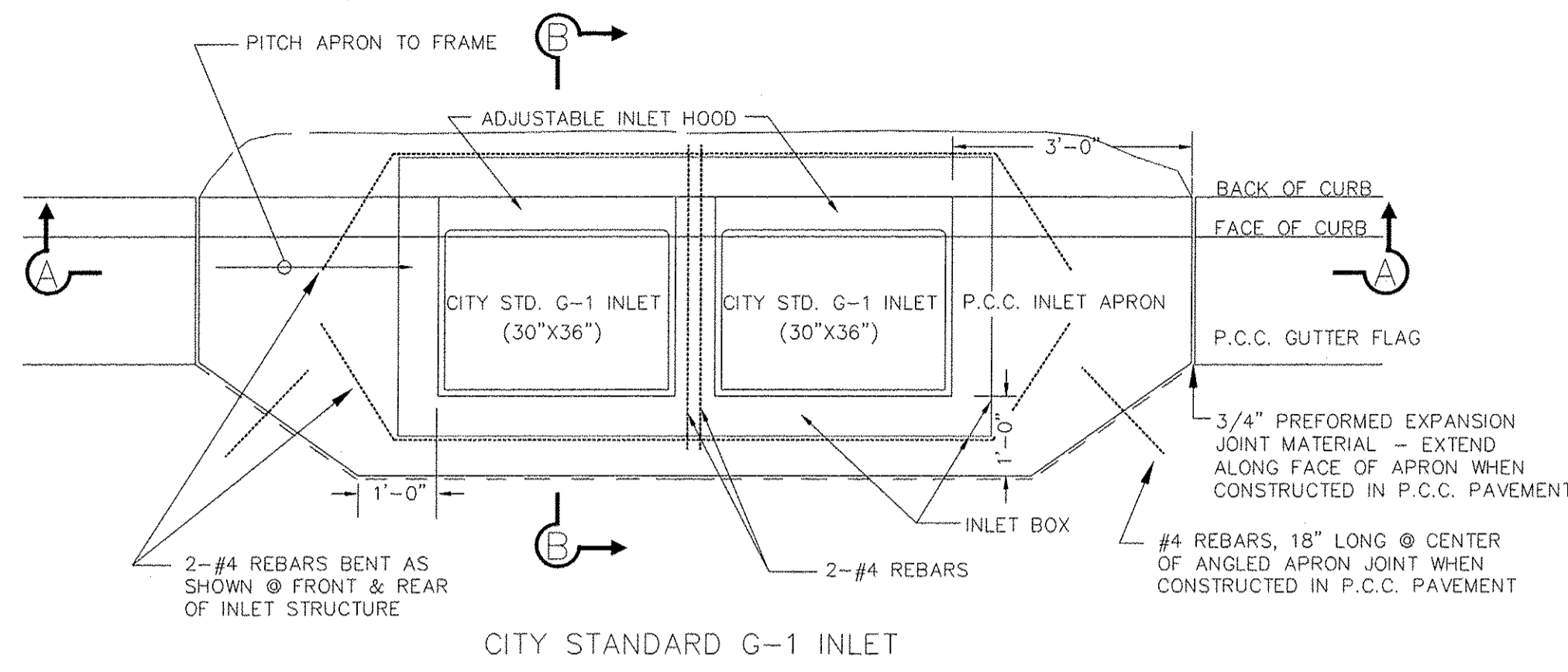
ILLINOIS FED. AID PROJECT

NOTE:
SEE DRAINAGE DETAILS PLAN SHEET FOR
CITY OF PEORIA STANDARD DETAILS FOR
G-1 INLET, TYPE 37 GRATE, AND INLET-
MANHOLE INFORMATION.



FILE NAME = S:\237A\2016\23710010 (Alt-to-Radnor-Intersection)\CADD\CADD Sheets\1489572-sh+Drainage.dgn

	USER NAME = wlewis	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALTA LANE /RADNOR ROAD INTERSECTION DRAINAGE PLAN			F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / in.	DRAWN -	REVISED -					381	09-00342-00-PW	PEORIA	72	28
	PLOT DATE = 2/2/2017 4:32:33 PM	CHECKED -	REVISED -					387	CONTRACT NO. 89572			
	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				



DOUBLE INLET, TYPE G-1

INLET, TYPE G-1

INLET, TYPE G-2

NOT TO SCALE
FOR INFORMATION ONLY

CITY OF PEORIA
PUBLIC WORKS DEPT. - ENGINEERING DIV.
IMPROVEMENT
CITY STANDARD INLET DETAILS

SURVEY BY: _____ CHECKED BY: _____ NOTEBOOK: _____
DRAWN BY: _____ DATE: _____ SHEET: _____
CADD DWG FILE: STDINLET.DWG (REV.: 6/24/02) CITY PROJECT NO: _____ PM NO: _____

FILE NAME = S:\237\2010\23710210 (4)1st-Radnor-Intersection\CAD\CADD\CADD_Sheets\0489572-sh-Drainage.dwg

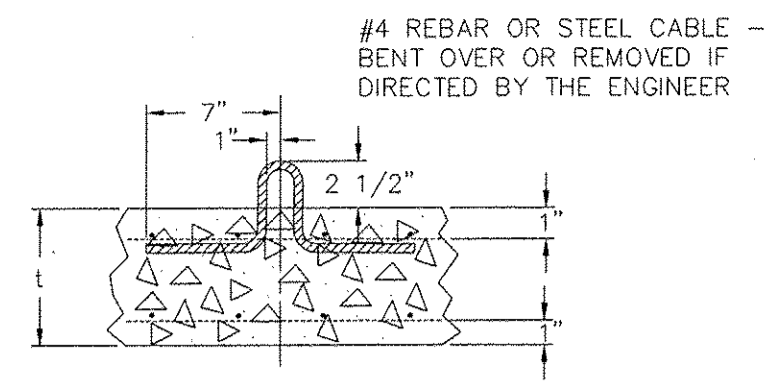
MAURER-STUTZ
ENGINEERS SURVEYORS

USER NAME = wlewis	DESIGNED -	REVISED -
PLOT SCALE = 50.0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 1/3/2017 3:45:00 PM	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANE /RADNOR ROAD INTERSECTION			
DRAINAGE DETAILS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

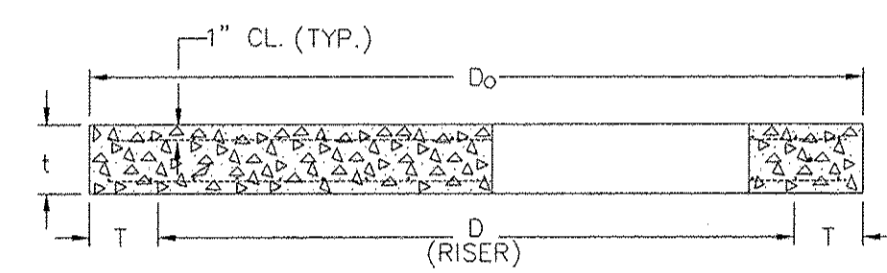
F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	29
387			CONTRACT NO. 89572	
[ILLINOIS] FED. AID PROJECT				



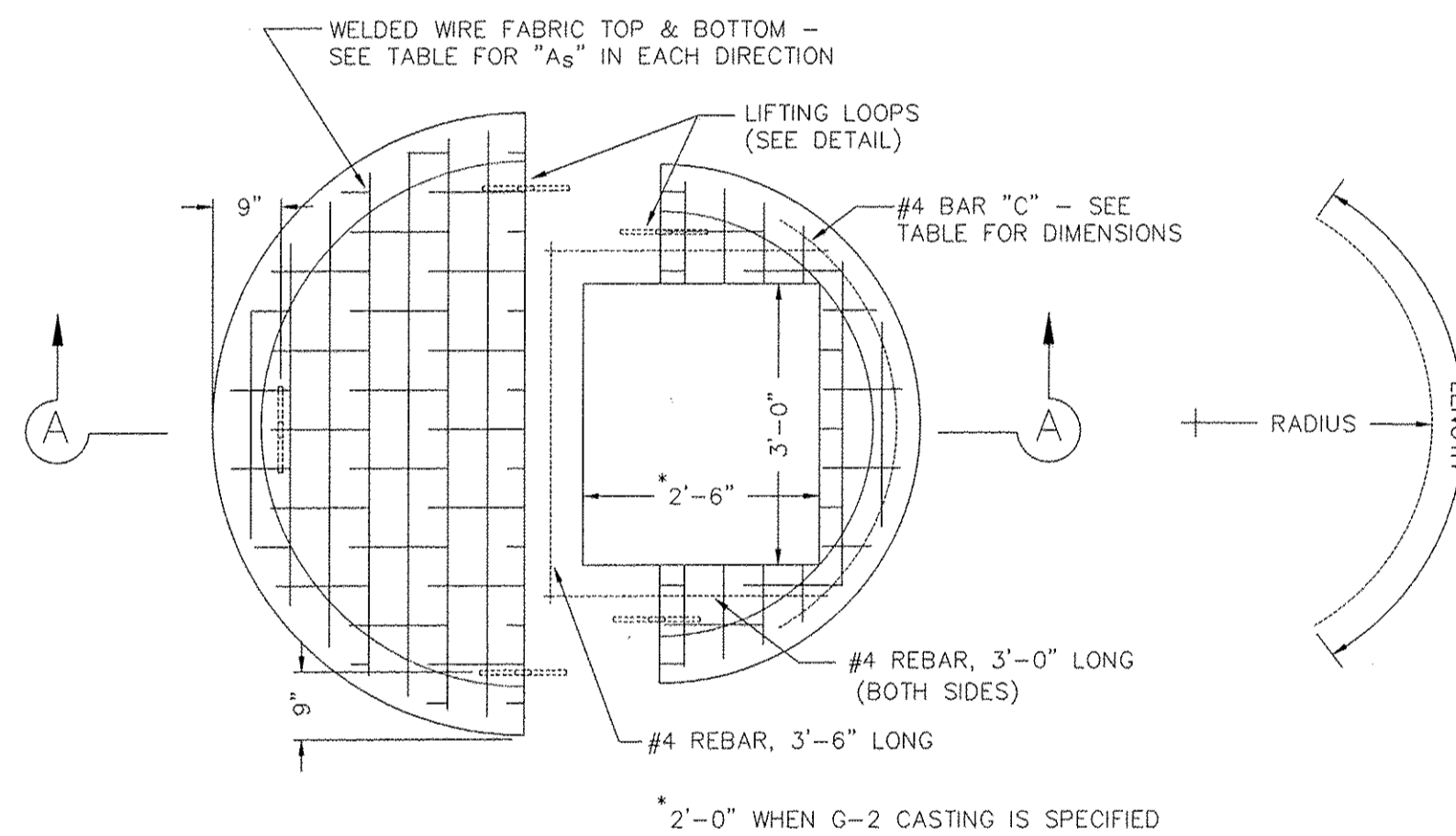
LIFTING LOOP DETAIL

D	T	D ₀	t	REINFORCEMENT		BAR "C"	
				A ₅ W W F F.A. DIRECTION	LENGTH	LENGTH	RADIUS
4'-0"	5"	4'-10"	6"	.70 SQ. IN./LIN. FT.	4'-6"	2'-2"	
5'-0"	6"	6'-0"	8"	.70 SQ. IN./LIN. FT.	5'-0"	2'-8"	
6'-0"	6"	7'-0"	8"	1.06 SQ. IN./LIN. FT.	6'-0"	3'-2"	

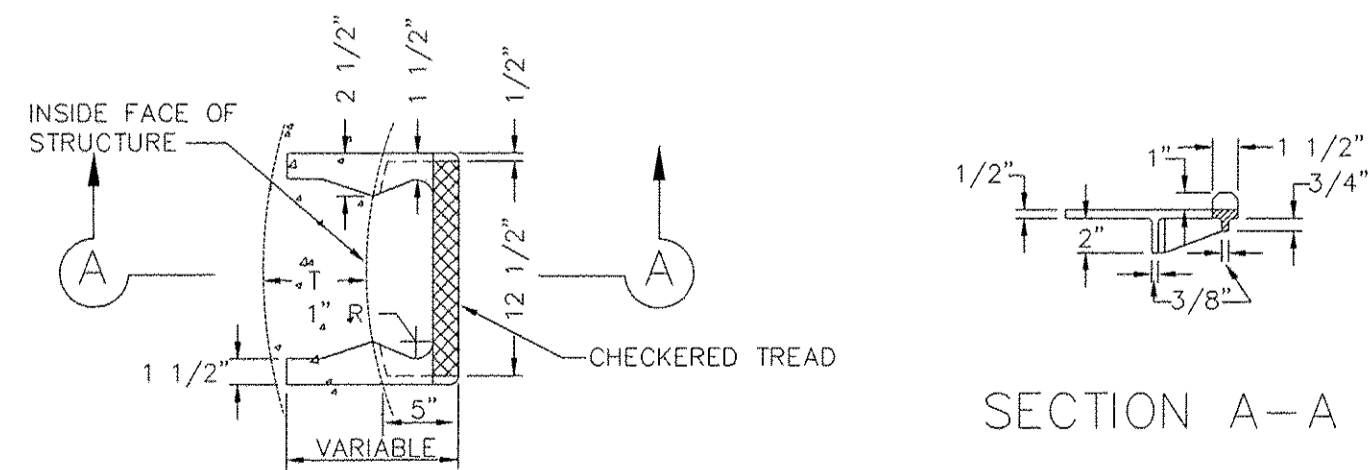
DIMENSION TABLE



SECTION A-A

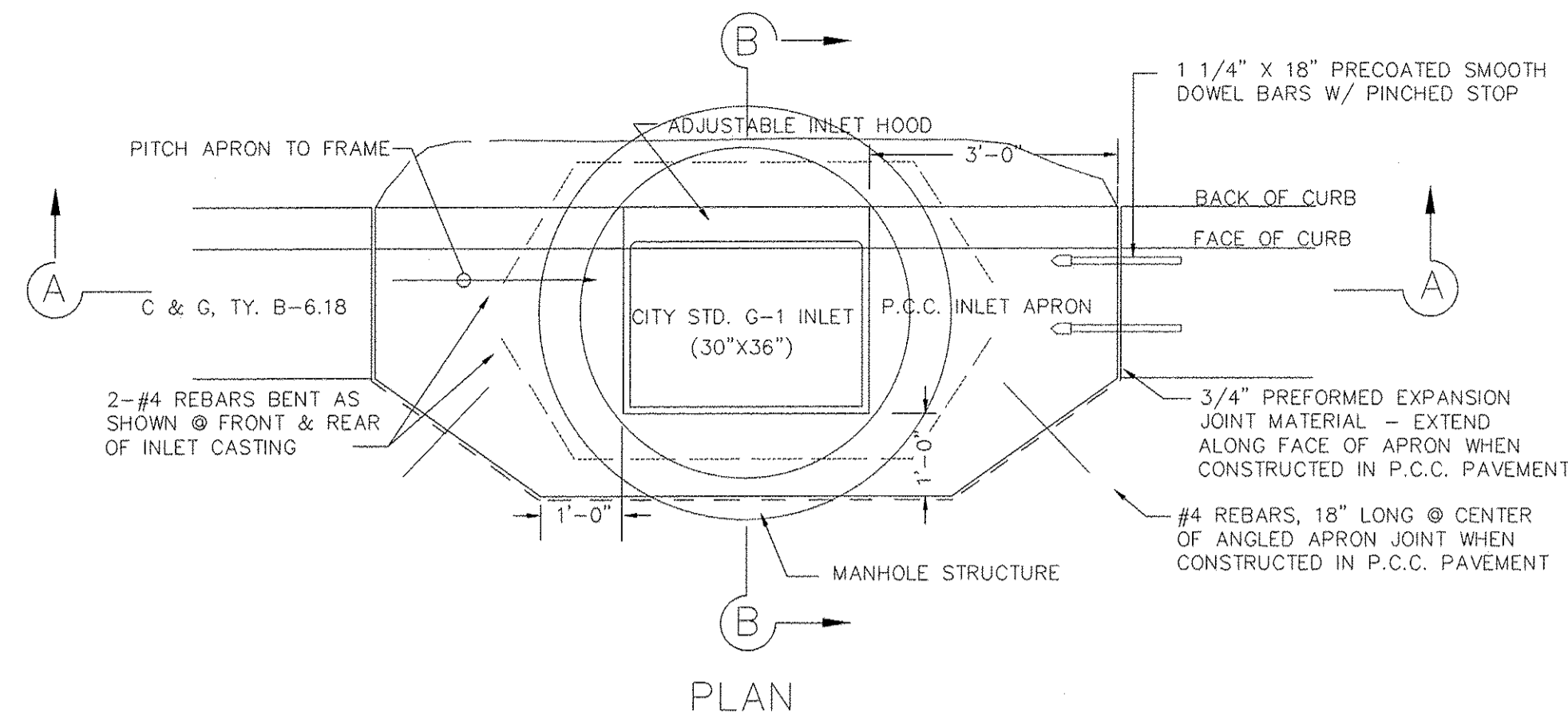


PRECAST REINFORCED CONCRETE
FLAT SLAB TOP (4', 5' & 6' DIA.)

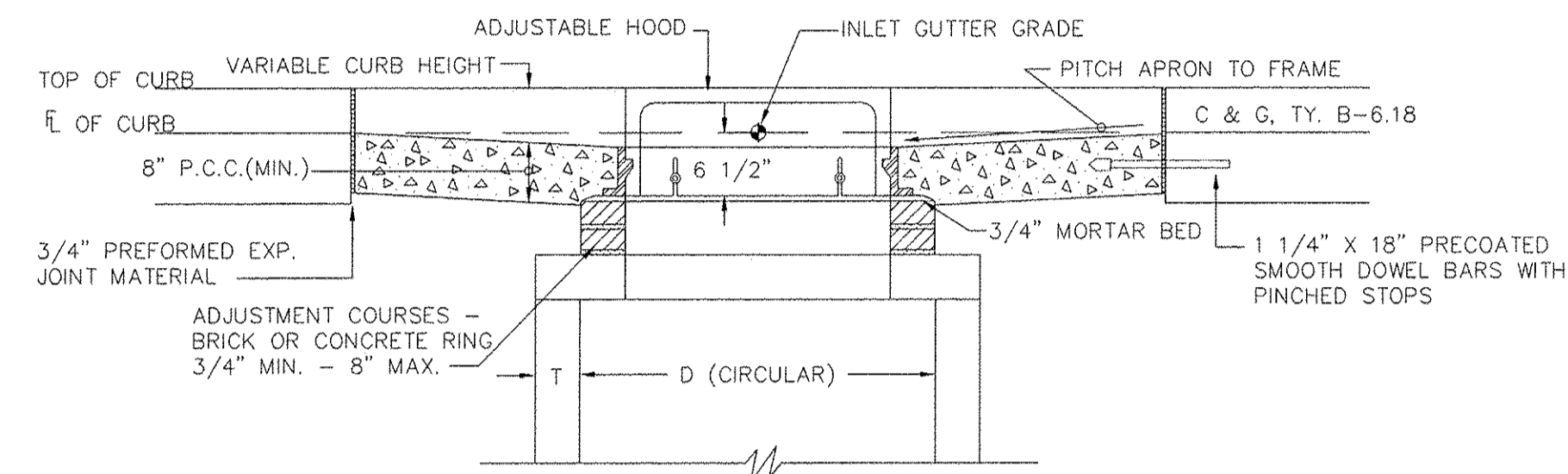


CAST IRON STEPS SHALL BE GRAY IRON CONFORMING TO THE REQUIREMENTS OF ARTICLE 706.14 OF THE STANDARD SPECIFICATIONS.

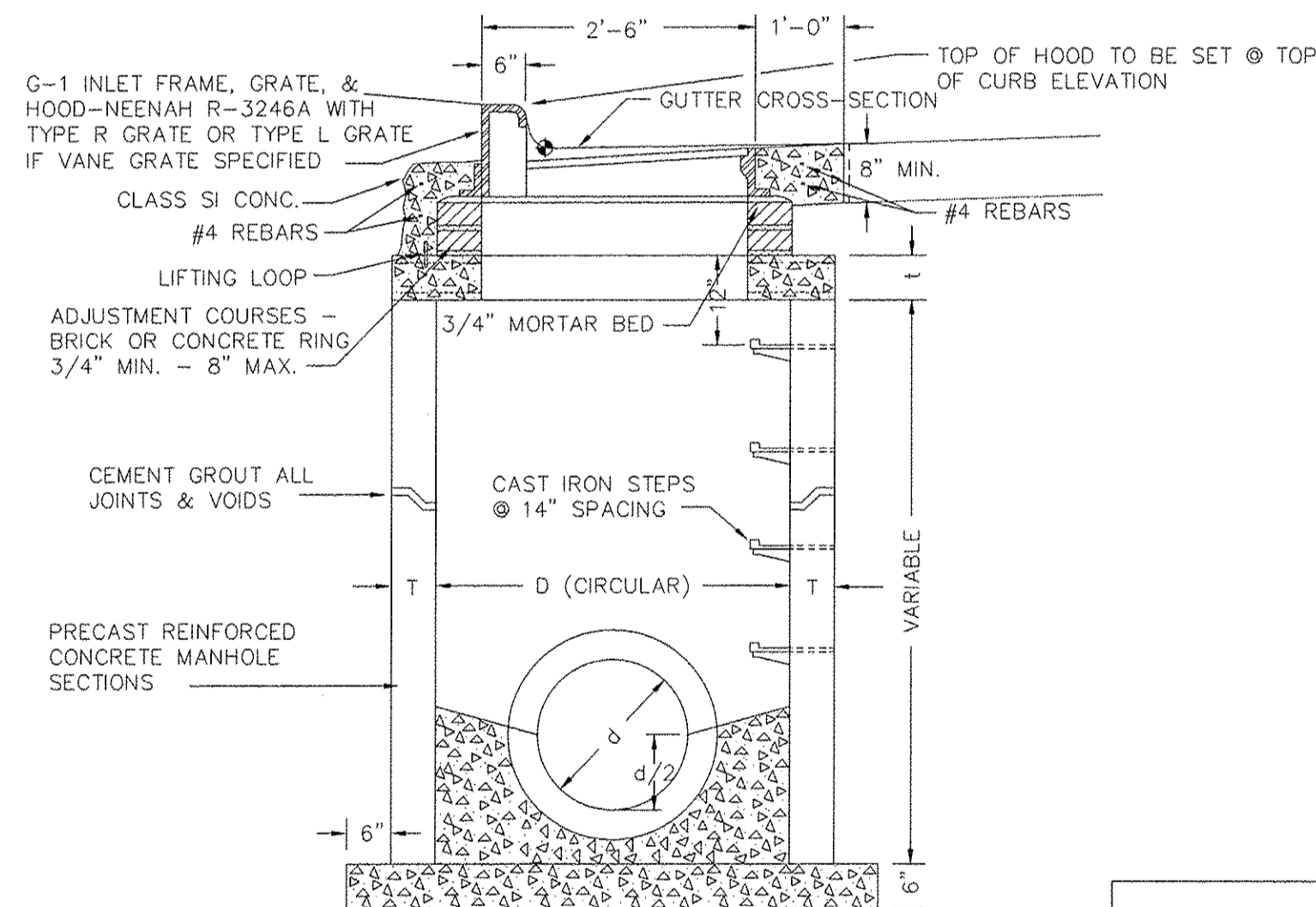
CAST IRON STEPS



PLAN



SECTION A-A



SECTION B-B

CITY STANDARD INLET-MANHOLE
(4', 5' & 6' DIAMETERS)

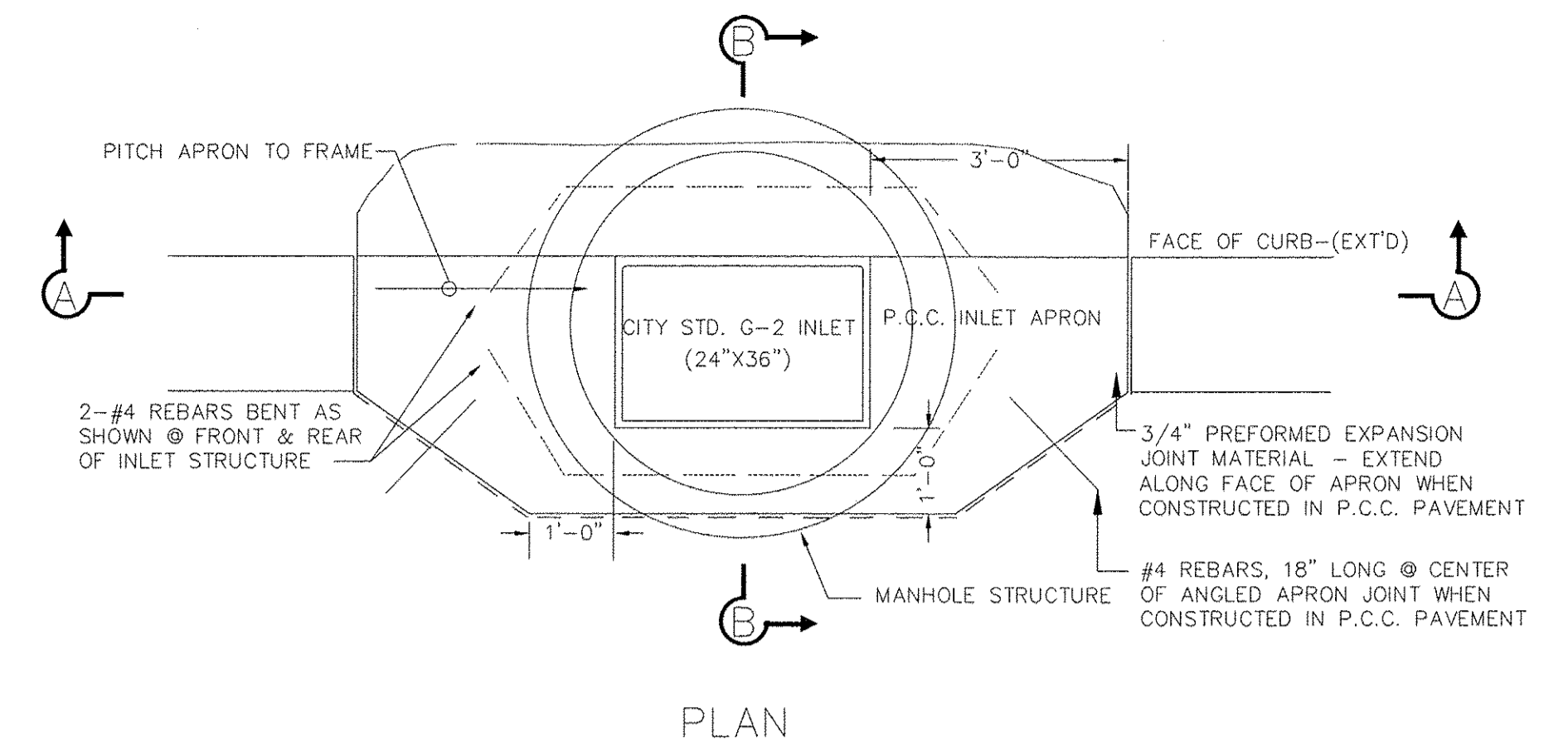
GENERAL NOTES

ALL CONCRETE USED FOR CONSTRUCTION OF THE INLET-MANHOLE SHALL BE CLASS SI CONCRETE.

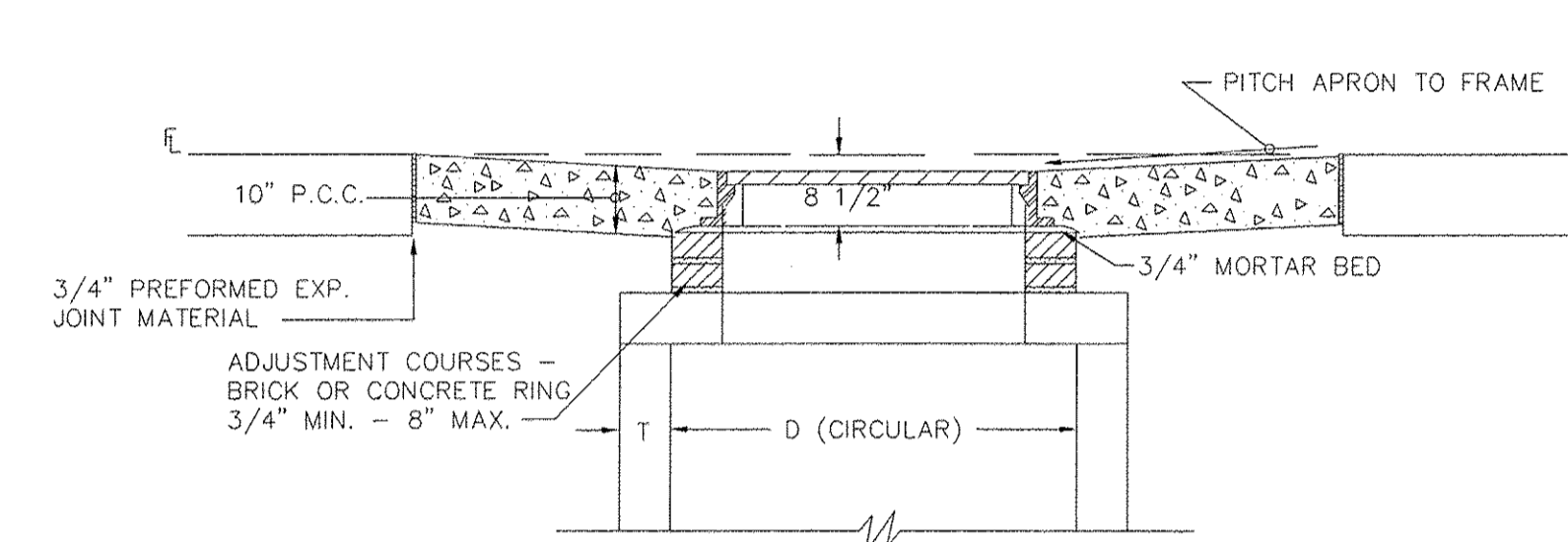
THIS ITEM SHALL INCLUDE THE INLET-MANHOLE (4', 5' OR 6' DIA.), COMPLETE IN PLACE AS INDICATED HEREIN, INCLUDING INLET CASTINGS, PRECAST REINFORCED CONCRETE MANHOLE RINGS, REINFORCING BARS, STEPS, ADJUSTING COURSES, CLASS SI CONCRETE, GUTTER APRON, TRENCH BACKFILL AND ALL NECESSARY EXCAVATION.

ARTICLE 602.15 OF THE SPECIFICATIONS SHALL NOT APPLY. THIS ITEM SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR INLET-MANHOLE (4', 5' OR 6' DIA.), AS SPECIFIED, WHICH SHALL BE PAYMENT IN FULL FOR ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT NECESSARY TO CONSTRUCT THIS ITEM AS INDICATED.

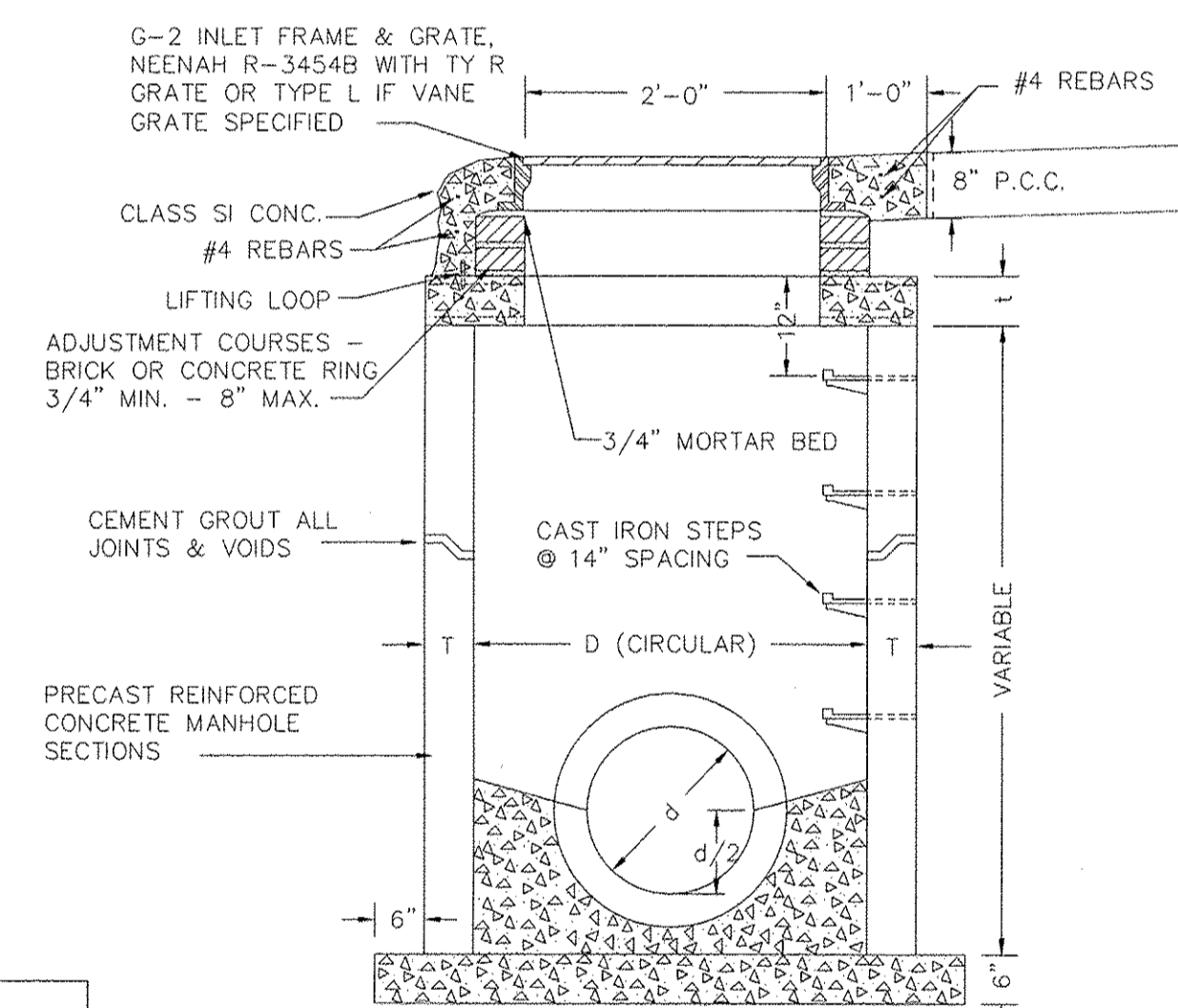
NOT TO SCALE
FOR INFORMATION ONLY



PLAN



SECTION A-A



SECTION B-B

CITY STANDARD INLET-MANHOLE
(4', 5' & 6' DIA.) W/ G-2 CASTING

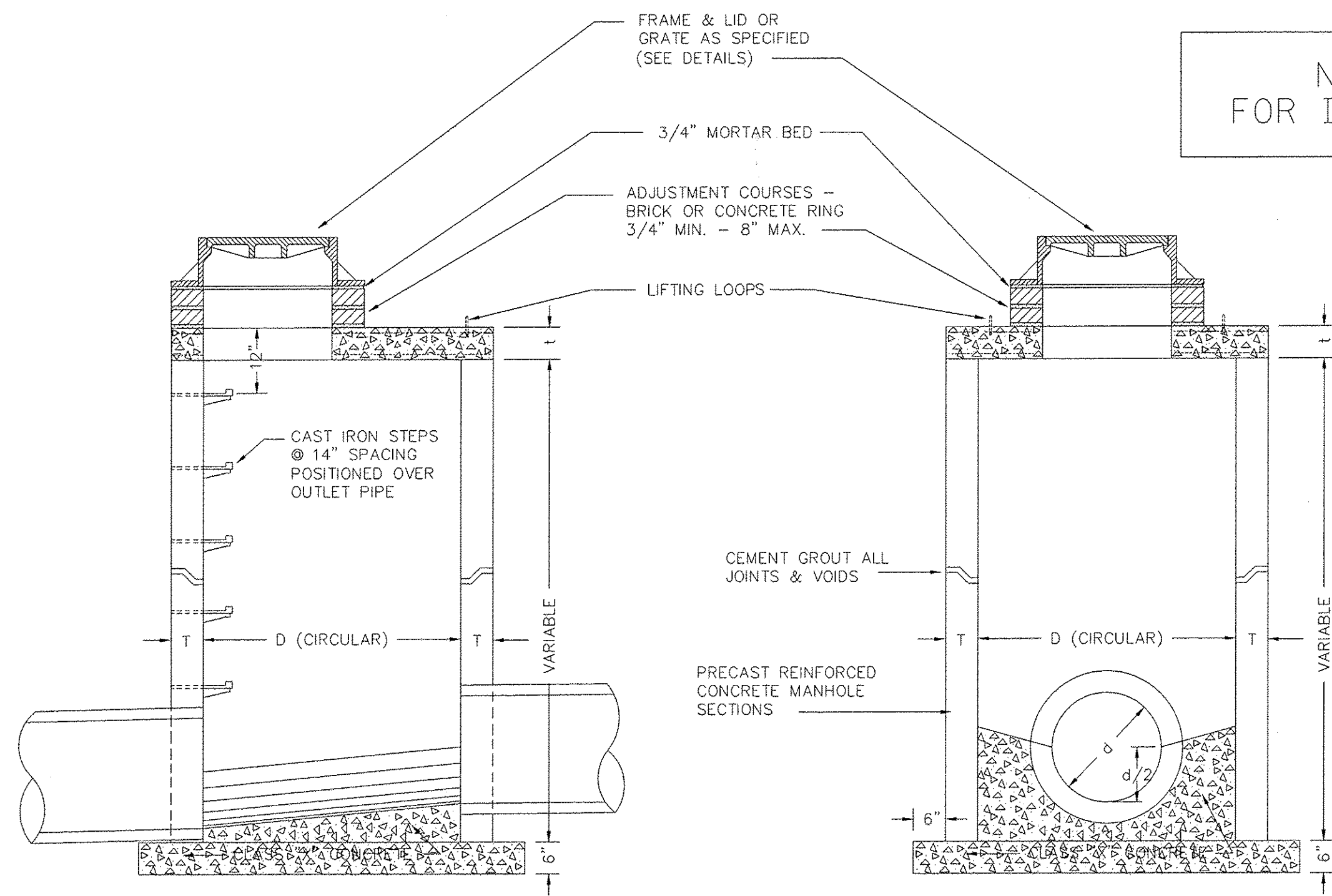
CITY OF PEORIA
PUBLIC WORKS DEPT. - ENGINEERING DIV.
IMPROVEMENT
CITY STD. INLET-MANHOLE DETAILS

SURVEY BY: _____ CHECKED BY: _____ NOTEBOOK: _____
DRAWN BY: _____ DATE: _____ SHEET _____ OF _____
CADD DWG FILE: INLMHDET.DWG (REV: 6/24/02) CITY PROJECT NO: _____

FILE NAME = S:\337\2010\23710210 (4)1st-Radnor-Intersection\CADD\CADD_Sheets\489572-shd-Drainage.dgn

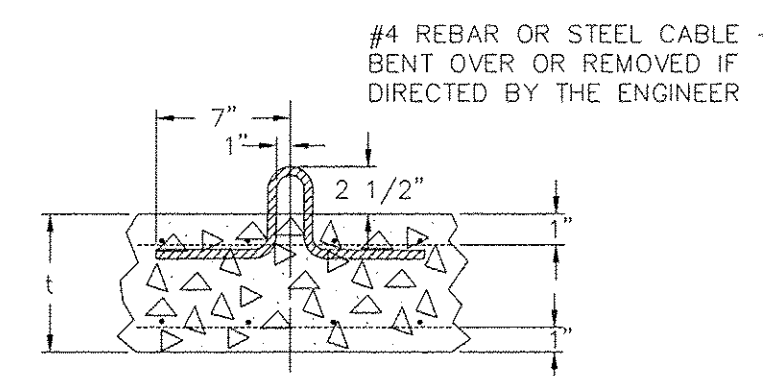
MAURER-STUTZ ENGINEERS SURVEYORS	USER NAME = wlewis	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALTA LANE /RADNOR ROAD INTERSECTION DRAINAGE DETAILS	F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / 1"	DRAWN -	REVISED -			381	09-00342-00-PW	PEORIA	72	30
	PLOT DATE = 1/3/2017 3:45:01 PM	CHECKED -	REVISED -			387	CONTRACT NO. 89572			ILLINOIS FED. AID PROJECT
SCALE:					SHEET NO. OF SHEETS	STA. TO STA.				

NOT TO SCALE
FOR INFORMATION ONLY



SECTION A-A

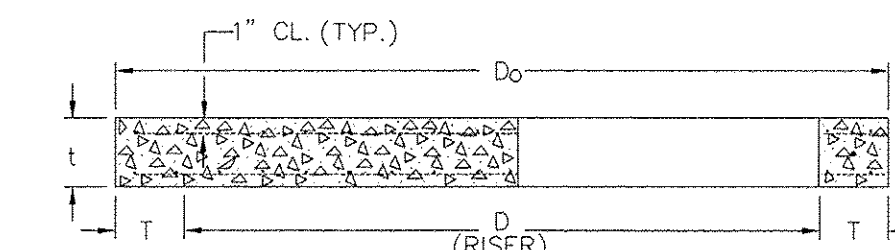
SECTION B-B



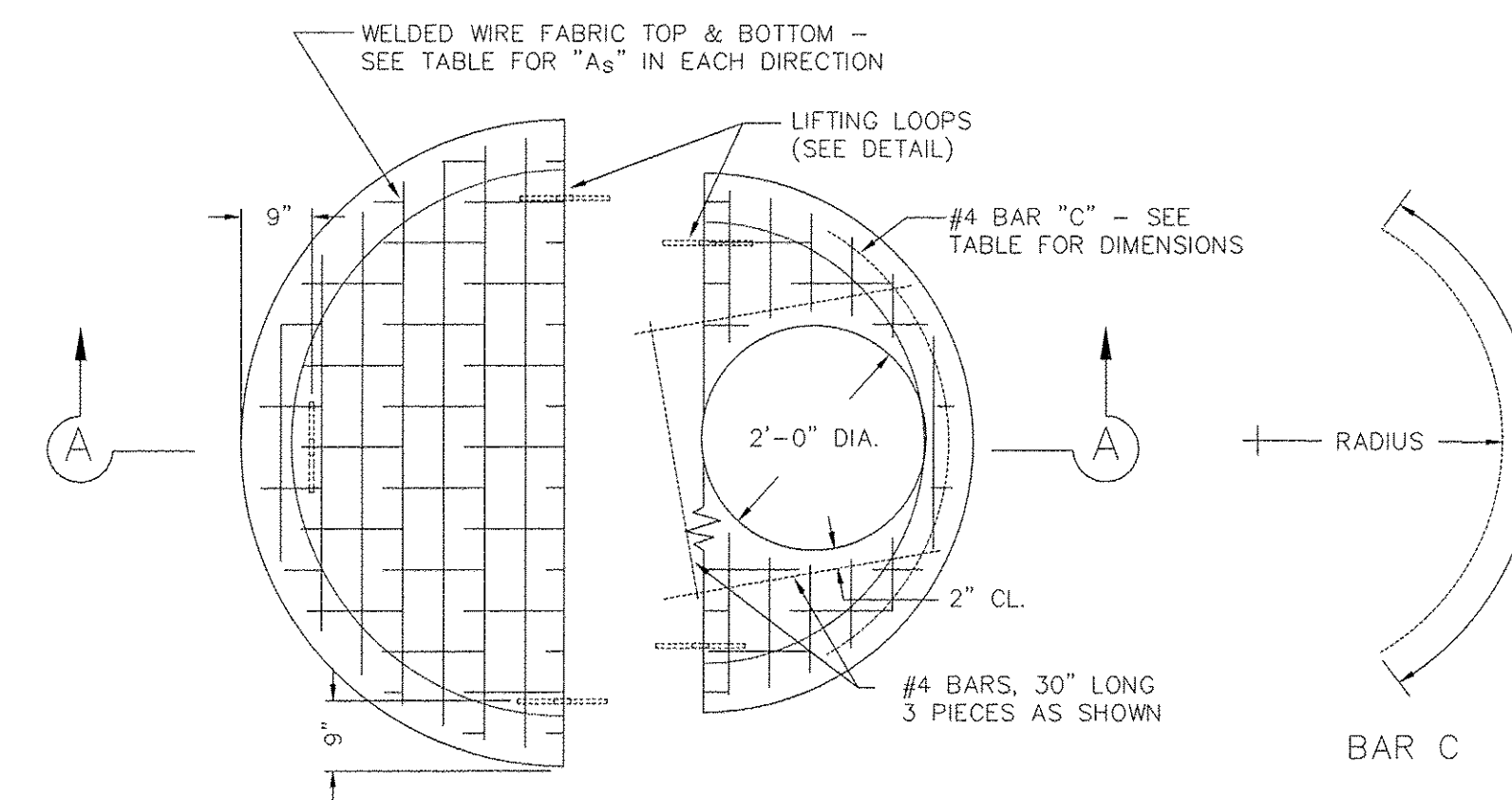
LIFTING LOOP DETAIL

DIAMETER OF MAIN SEWER	D	T	D _o	t	REINFORCEMENT		BAR "C"	
					"A" W W F E _s DIRECTION	LENGTH	RADIUS	RADIUS
18" OR LESS	4'-0"	5"	4'-10"	6"	.70 SQ. IN./LIN. FT.	4'-6"	2'-2"	2'-2"
21" TO 42"	5'-0"	6"	6'-0"	8"	.70 SQ. IN./LIN. FT.	5'-0"	2'-8"	2'-8"
AS SPECIFIED	6'-0"	6"	7'-0"	8"	1.06 SQ. IN./LIN. FT.	6'-0"	3'-2"	3'-2"

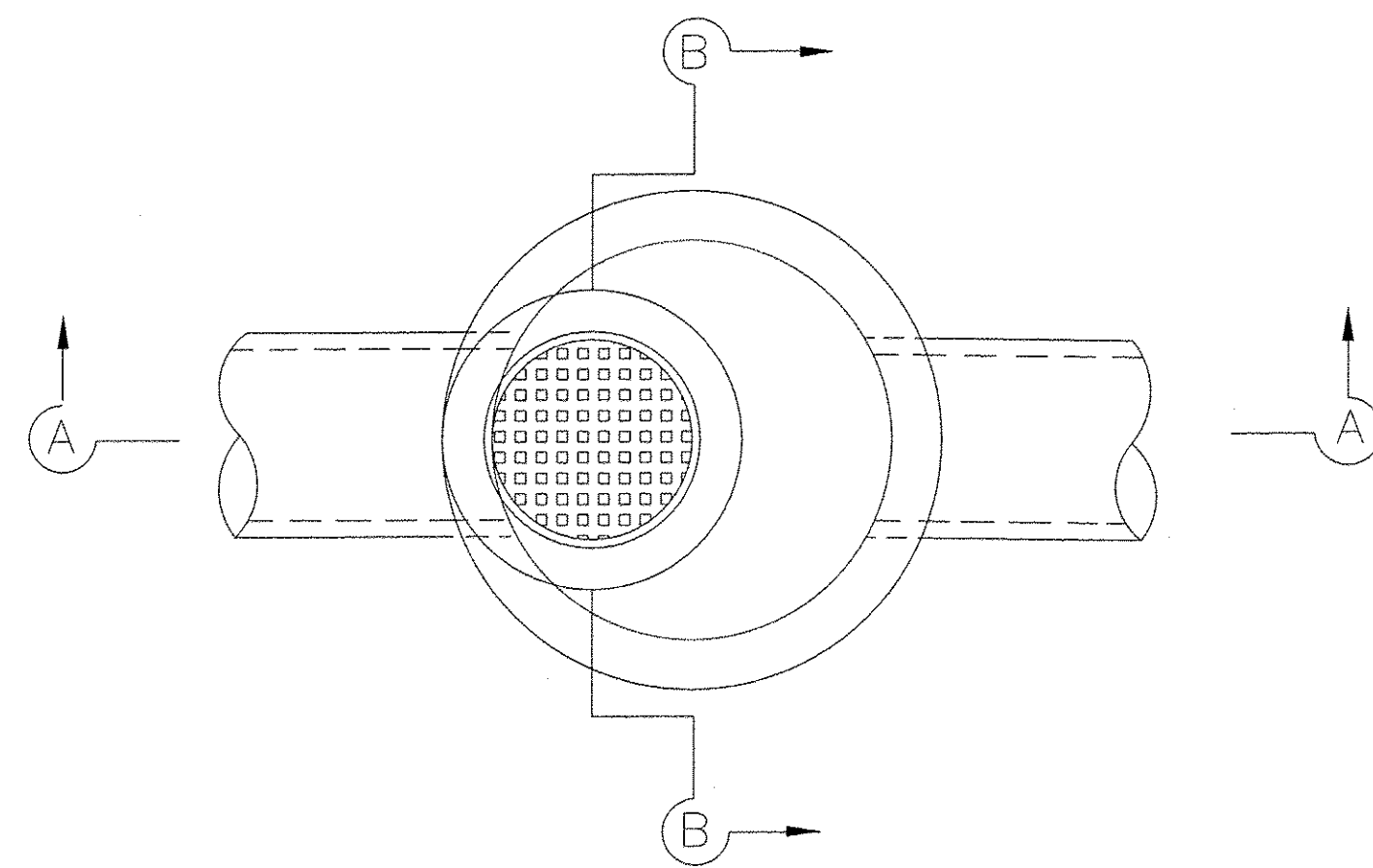
DIMENSION TABLE



SECTION A-A

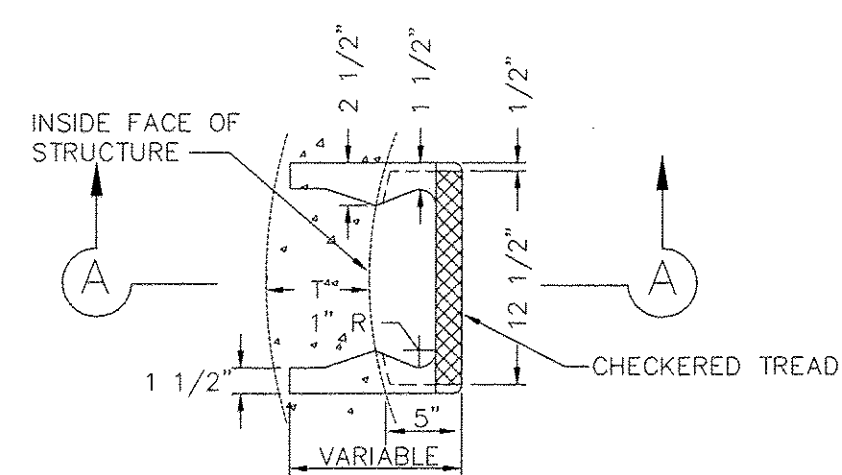


PRECAST REINFORCED CONCRETE
FLAT SLAB TOP (4', 5' & 6' DIA.)



PLAN

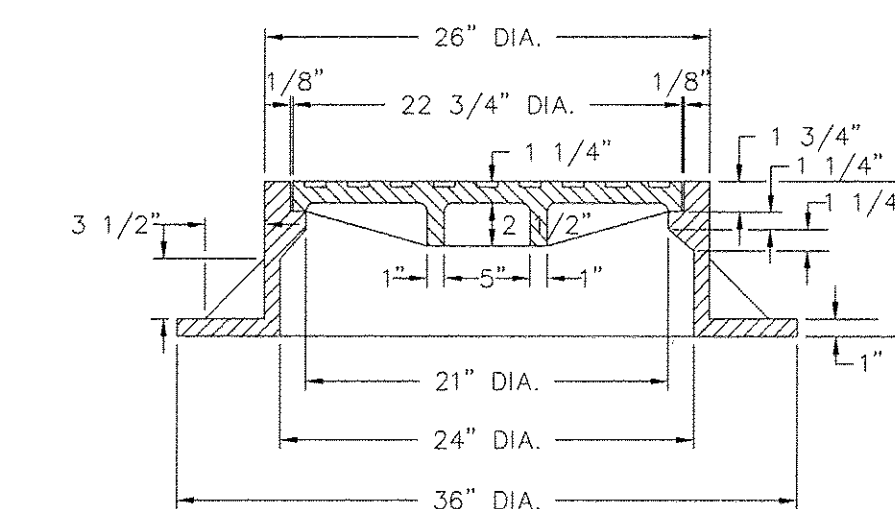
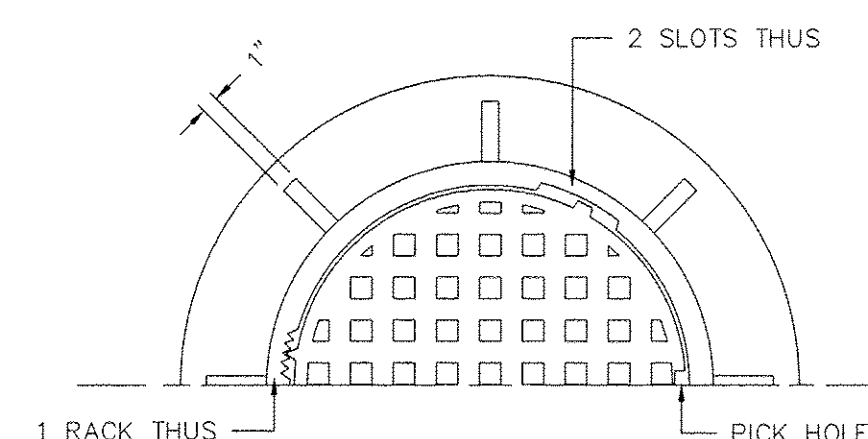
CITY STANDARD MANHOLE
(4', 5' & 6" DIAMETERS)



SECTION A-A

CAST IRON STEPS SHALL BE GRAY IRON CONFORMING TO THE REQUIREMENTS OF ARTICLE 706.14 OF THE STANDARD SPECIFICATIONS.

CAST IRON STEPS



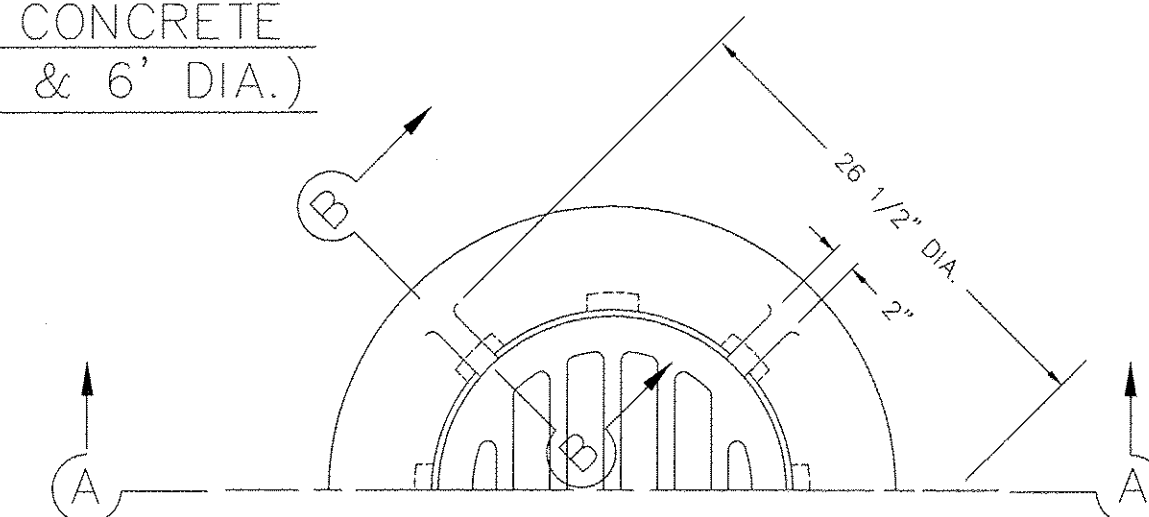
WEIGHT OF FRAME = 390 LBS.
WEIGHT OF LID = 150 LBS.
TOTAL WEIGHT = 540 LBS.

MANHOLE FRAME & LID, TYPE 1

CITY STANDARD NO. 45
NEENAH R-1015 OR EQUAL
WITH NON-ROCKING TYPE B LID

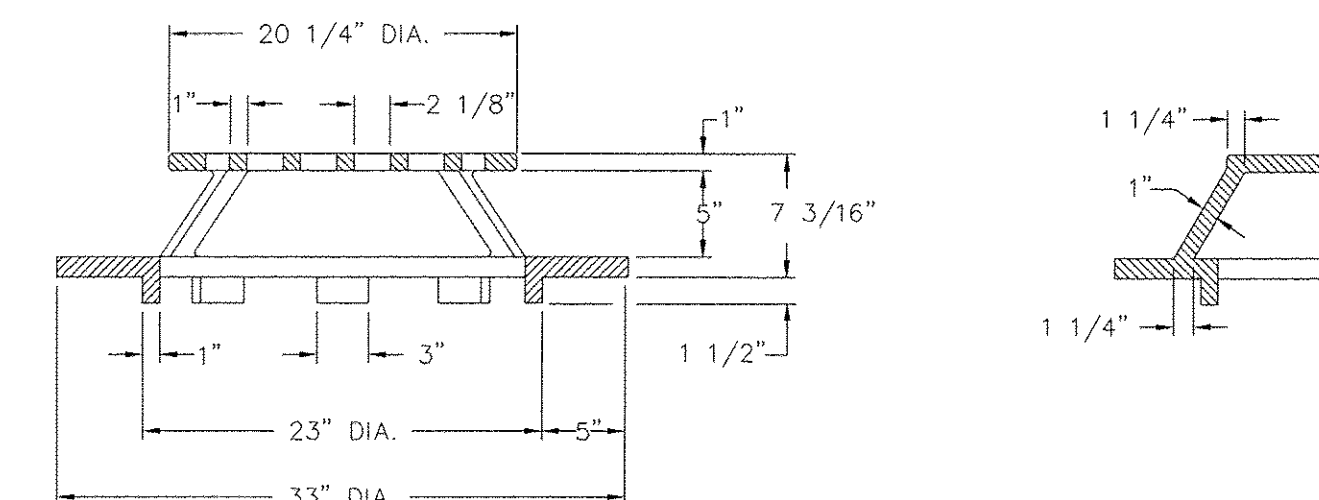
GENERAL NOTES

ALL CONCRETE USED FOR CONSTRUCTION OF THE MANHOLE SHALL BE CLASS SI CONCRETE.
THIS ITEM SHALL INCLUDE THE MANHOLE (4', 5' OR 6' DIAMETER), COMPLETE, IN PLACE AS INDICATED HEREIN, INCLUDING CASTINGS, PRECAST REINFORCED CONCRETE MANHOLE SECTIONS, REINFORCING BARS, STEPS, ADJUSTING COURSES, CLASS SI CONCRETE, TRENCH BACKFILL AND ALL EXCAVATION.
ARTICLE 602.15 OF THE SPECIFICATIONS SHALL NOT APPLY. THIS ITEM SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR CITY STD. MANHOLE (4', 5' OR 6" DIA.), AS SPECIFIED, WHICH SHALL BE PAYMENT IN FULL FOR ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT NECESSARY TO CONSTRUCT THIS ITEM AS INDICATED.



PLAN

TYPE 37 GRATE
NEENAH R-4341A OR EQUAL



SECTION A-A

SECTION B-B

CITY OF PEORIA	
PUBLIC WORKS DEPT. - ENGINEERING DIV.	
IMPROVEMENT	
CITY STANDARD MANHOLE DETAILS	
SURVEY BY:	CHECKED BY:
DRAWN BY:	DATE:
CADD DWG FILE: STDMHDET.DWG (REV. 6/24/02)	CITY PROJECT NO:

FILE NAME = S:\237\2010\23710010\412e-radnor Intersection\CADD\CADD Sheets\0489572-sh-1-Drainage.dgn

MAURER-STUTZ
ENGINEERS SURVEYORS

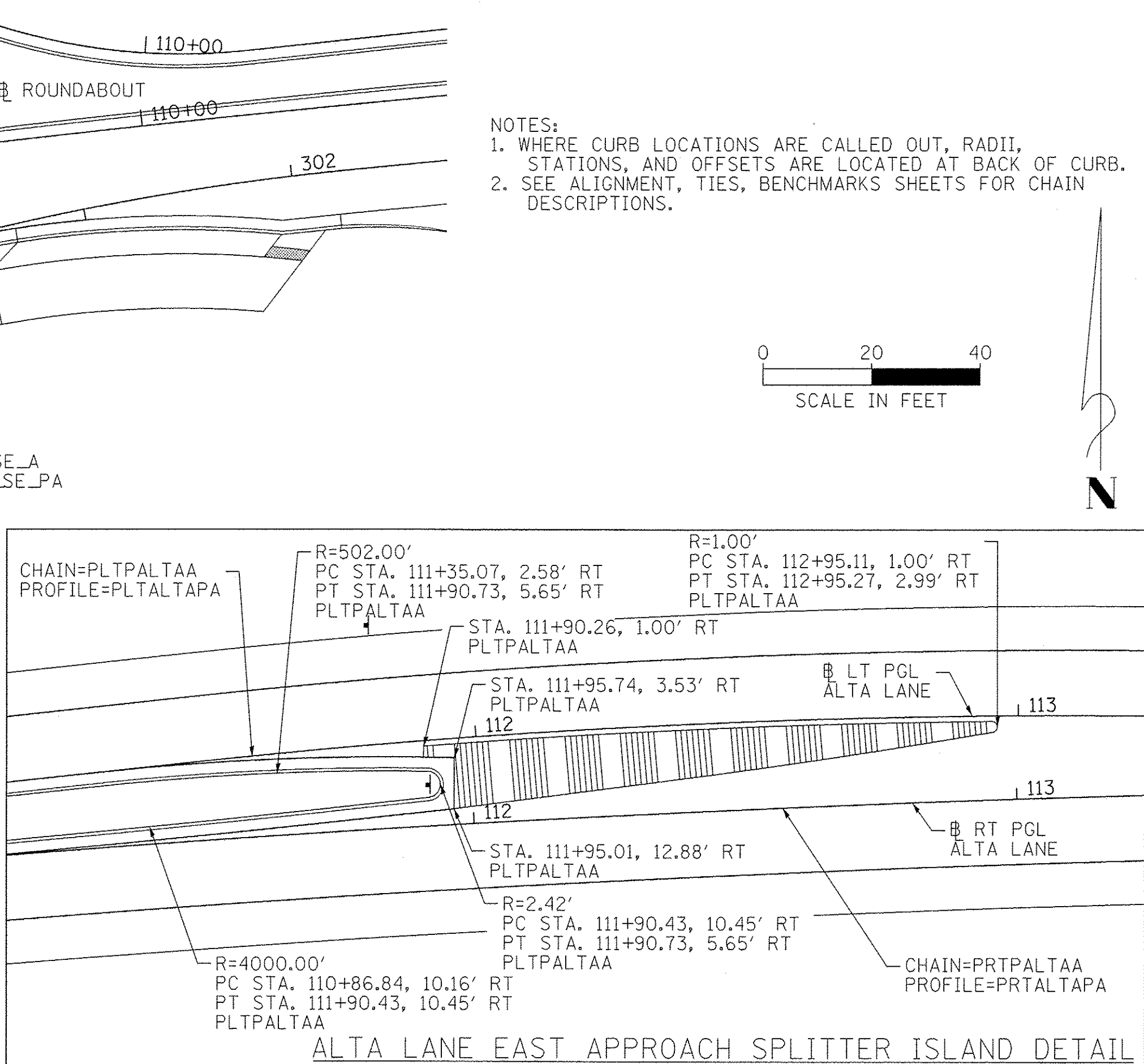
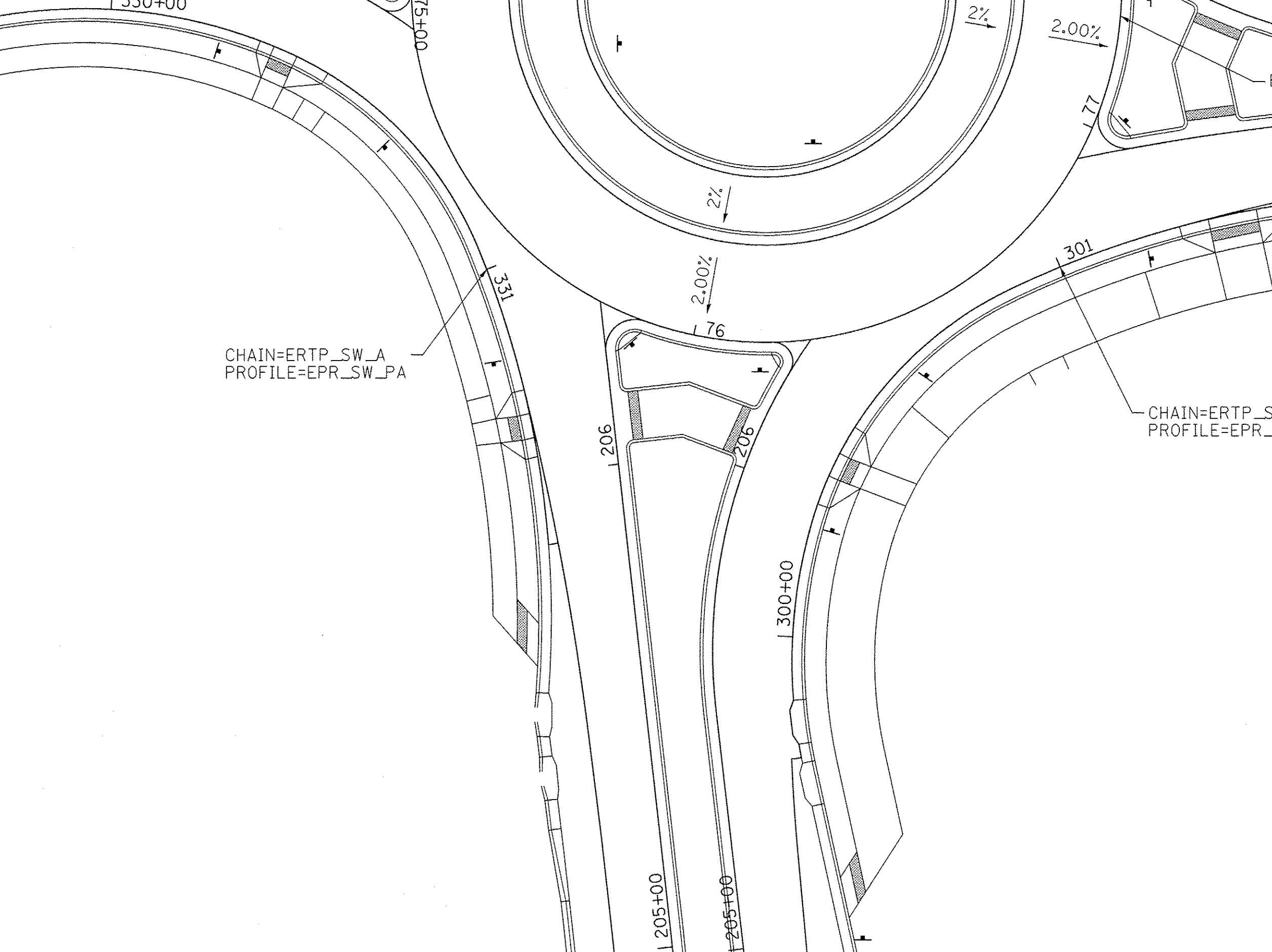
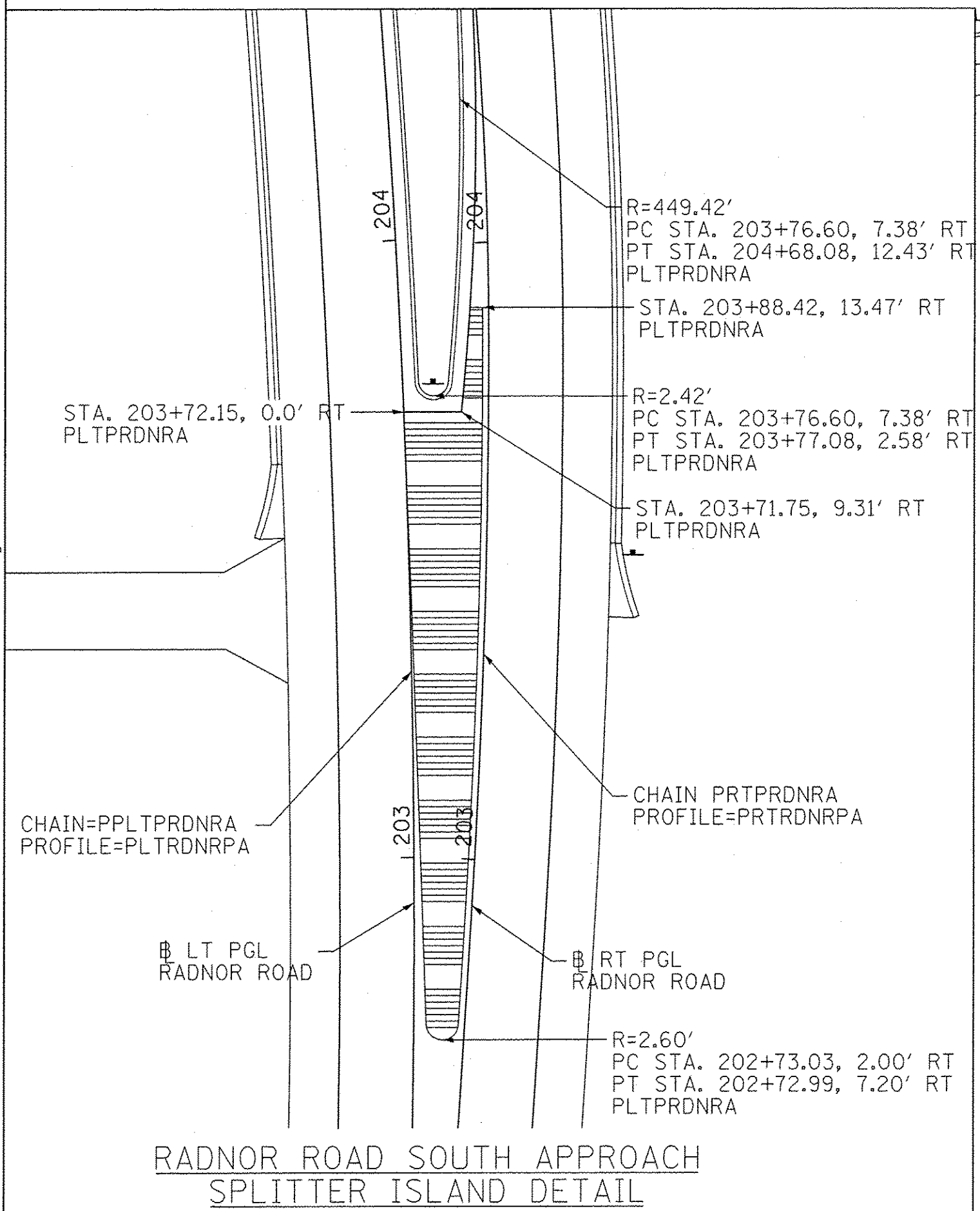
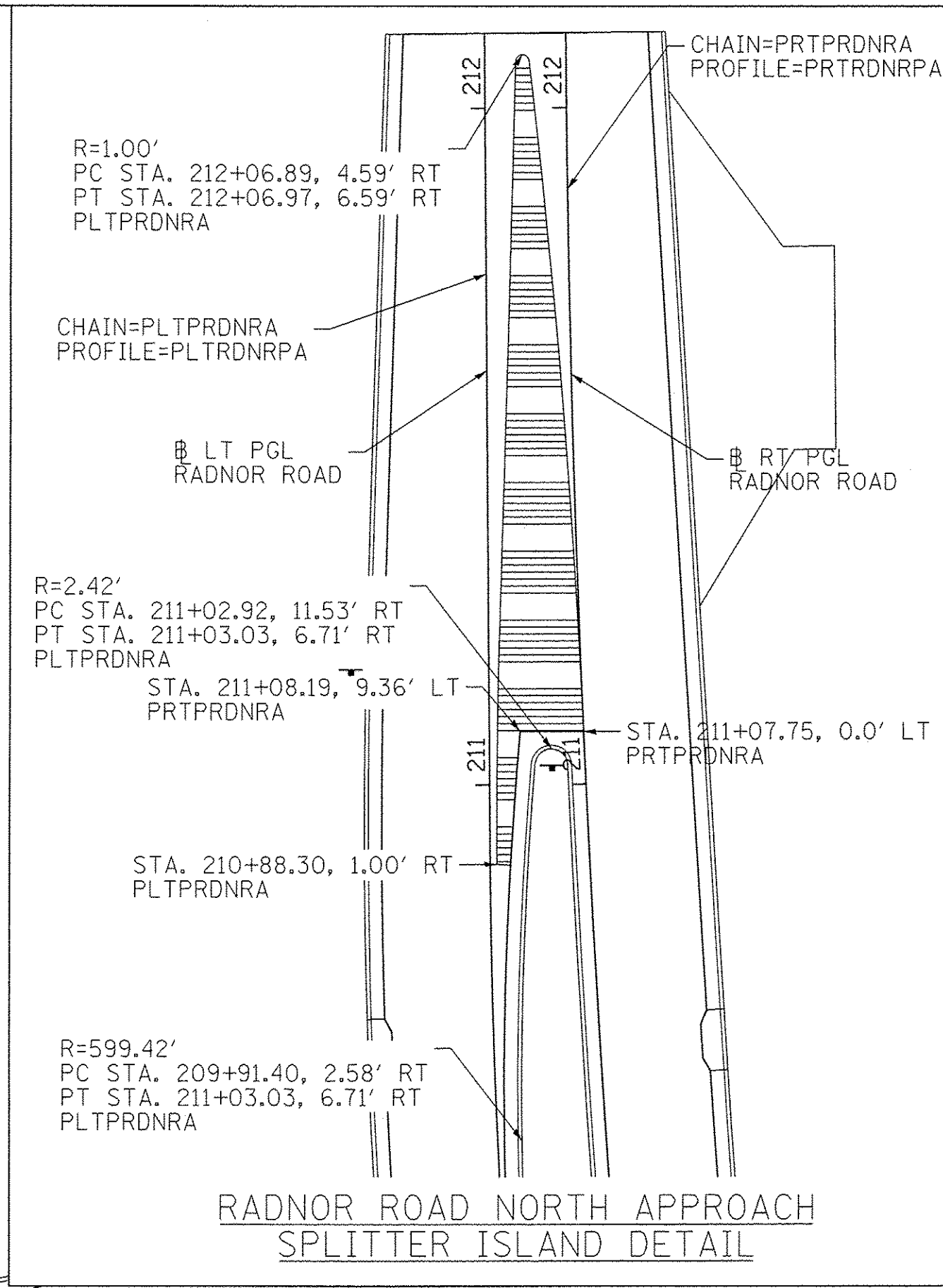
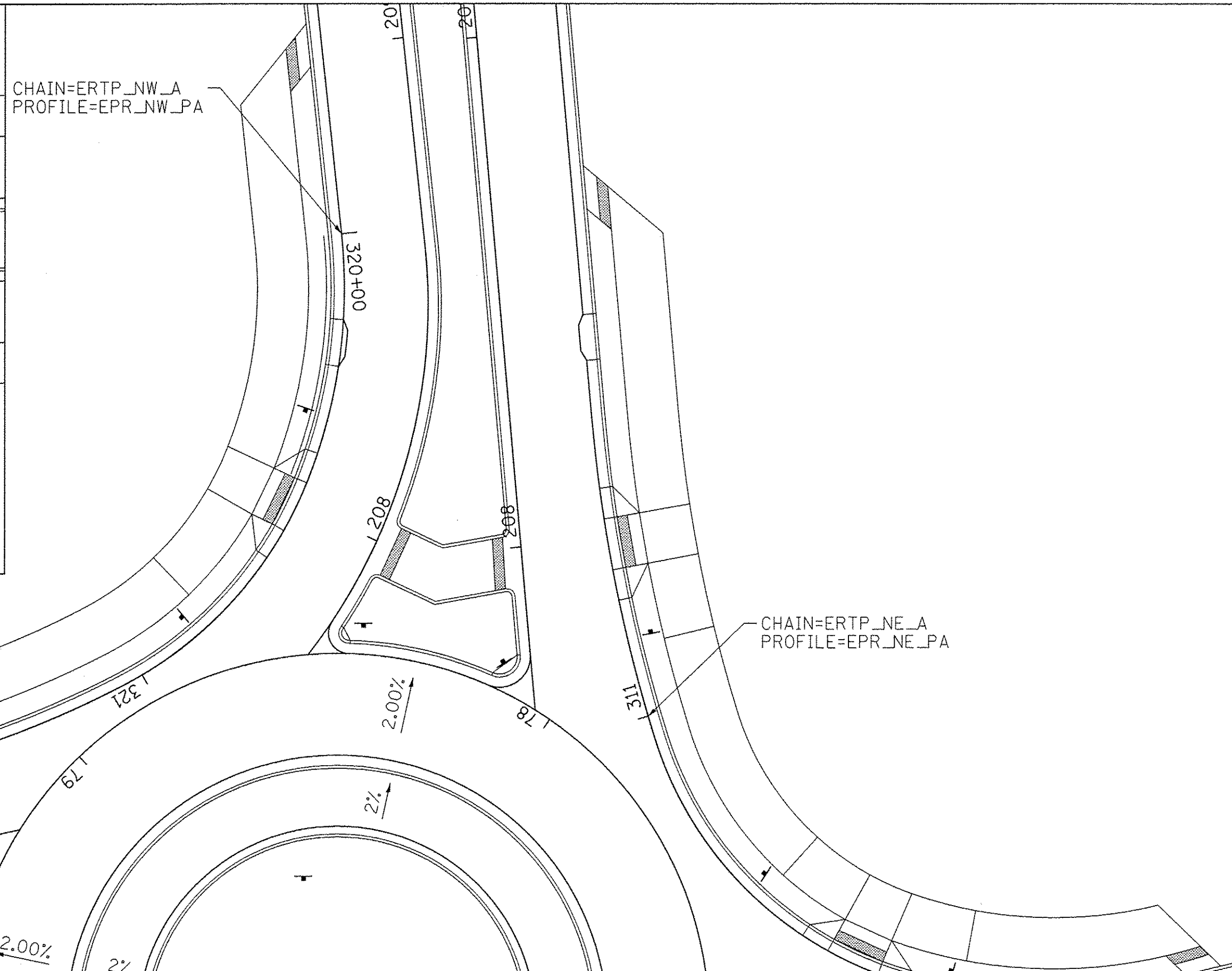
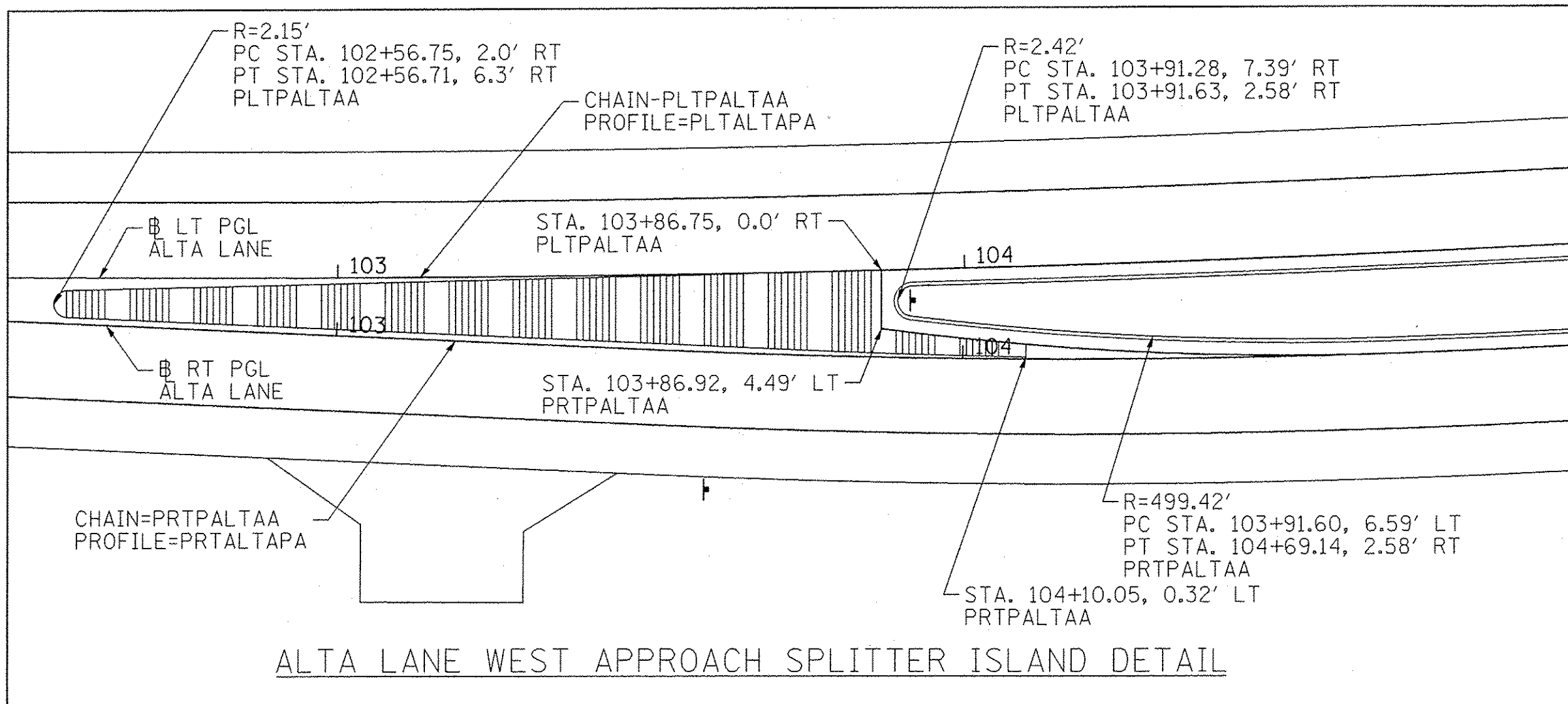
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PLOT SCALE = 50.0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 1/3/2017 3:45:02 PM	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

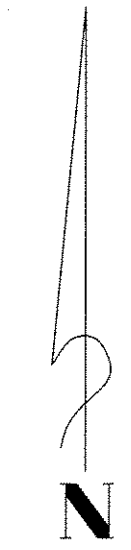
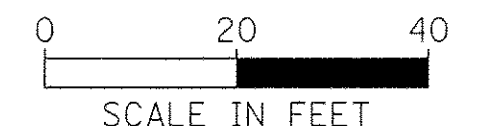
**ALTA LANE /RADNOR ROAD INTERSECTION
DRAINAGE DETAILS**

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

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	31
387			CONTRACT NO. 89572	
ILLINOIS FED. AID PROJECT				



- NOTES:
 1. WHERE CURB LOCATIONS ARE CALLED OUT, RADII, STATIONS, AND OFFSETS ARE LOCATED AT BACK OF CURB.
 2. SEE ALIGNMENT, TIES, BENCHMARKS SHEETS FOR CHAIN DESCRIPTIONS.



FILE NAME = S:\237\2010\23710210 (Alta-Radnor Intersection)\CADD\CADD Sheets\489572-sh-t-jn-Elv-Dev.dgn



USER NAME = williams
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 2/2/2017 4:32:34 PM

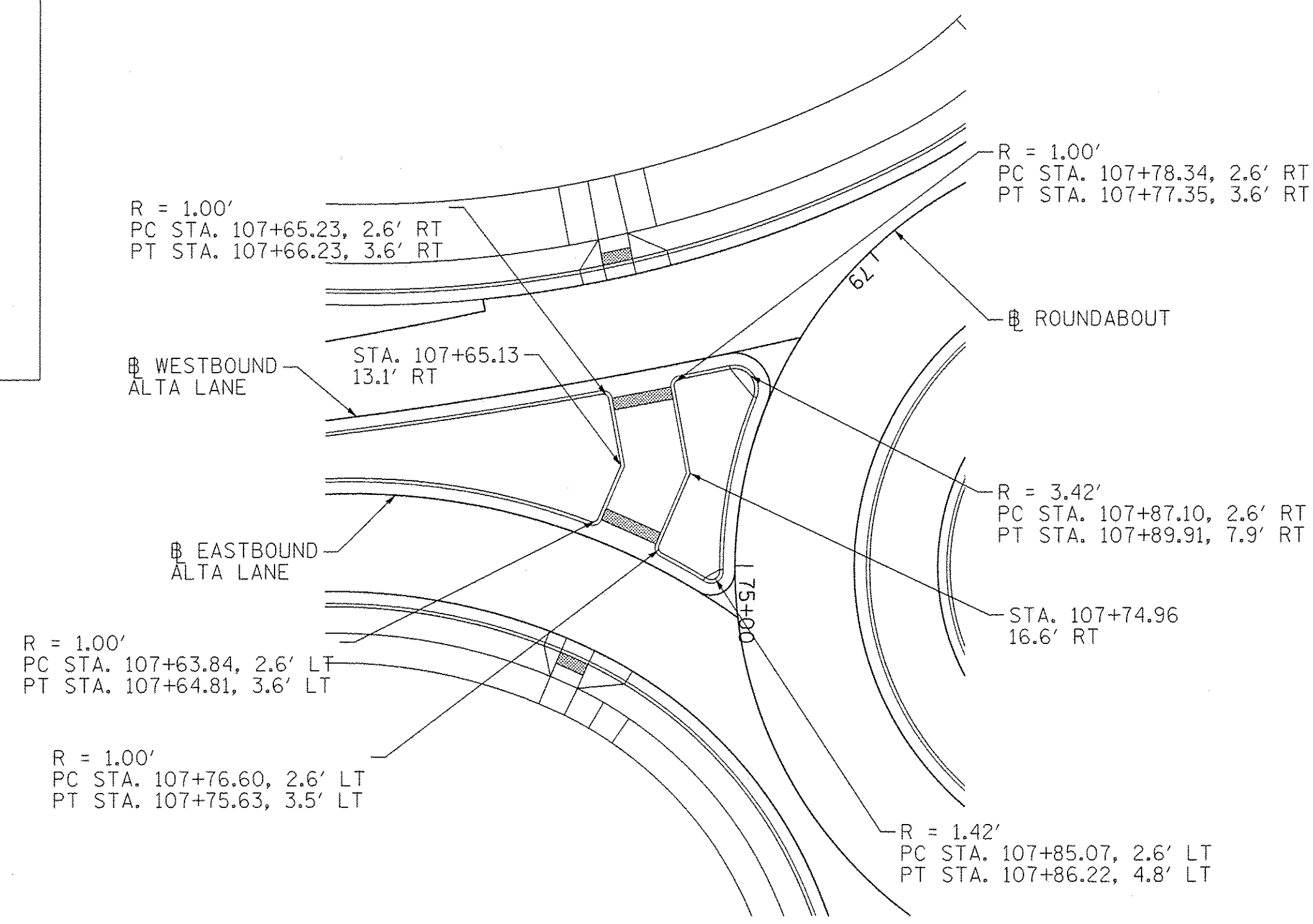
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

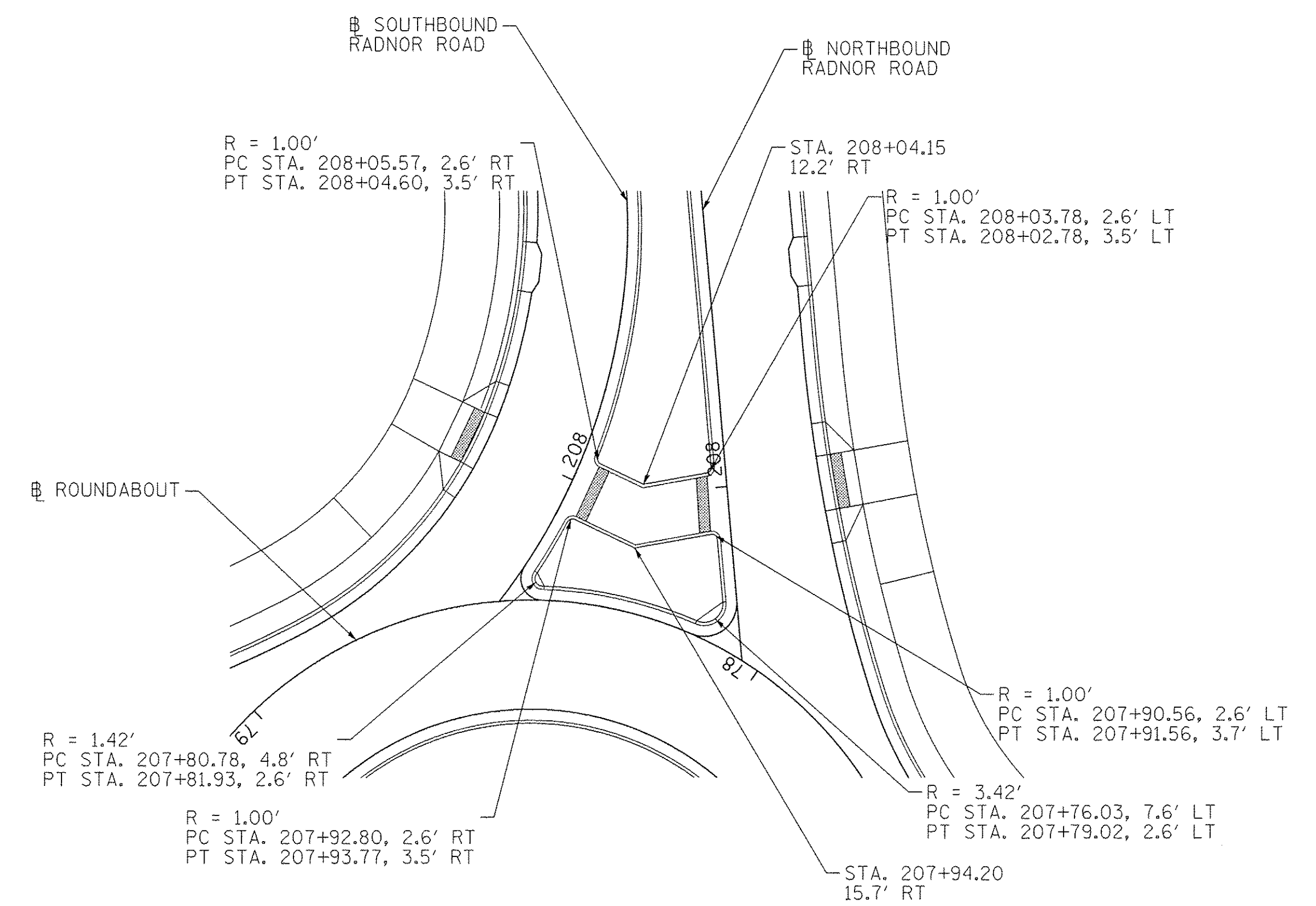
ALTA LANE /RADNOR ROAD INTERSECTION			
INTERSECTION DETAIL			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	32
387	CONTRACT NO. 89572		ILLINOIS FED. AID PROJECT	

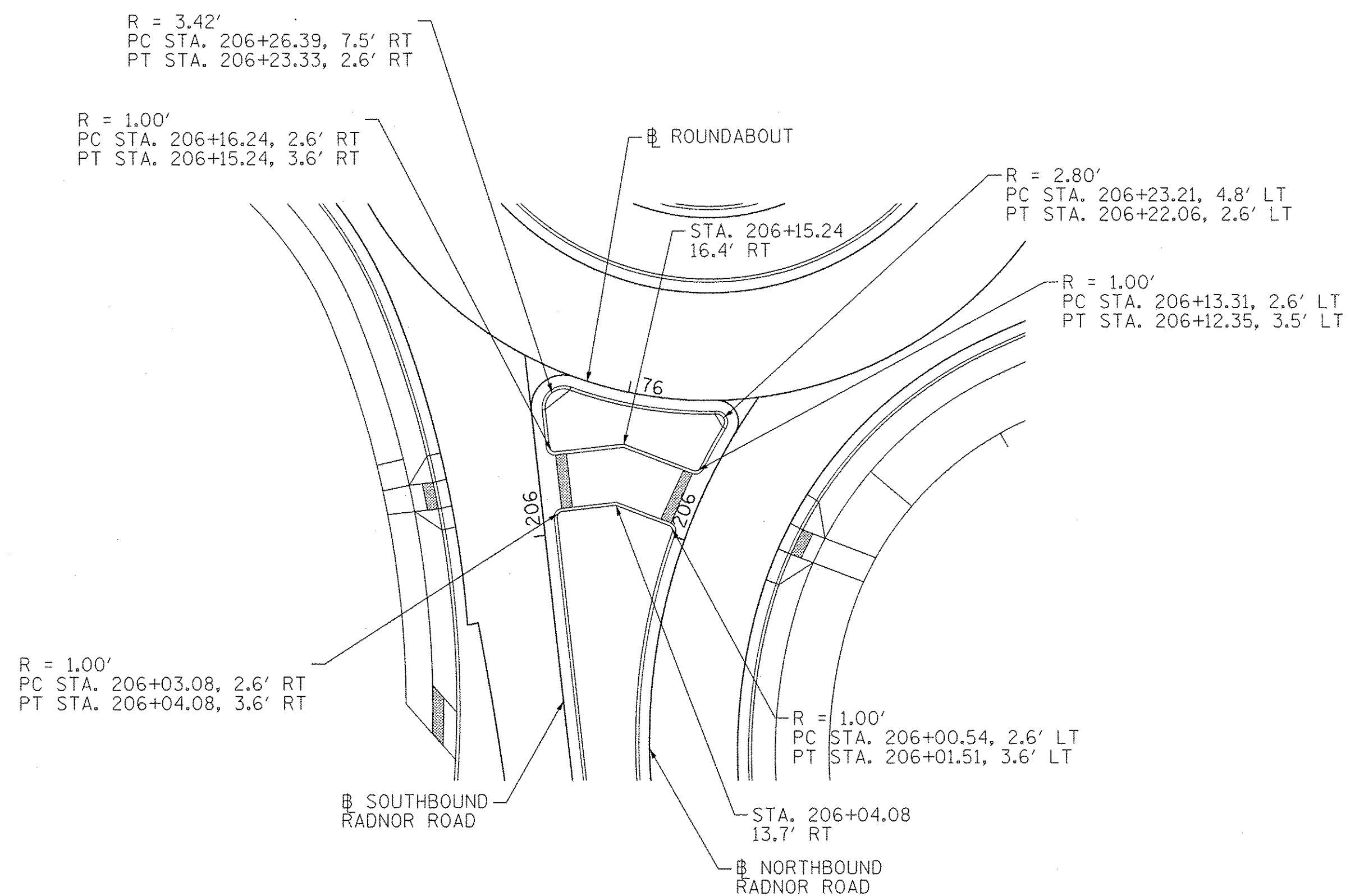
0 20 40
SCALE IN FEET



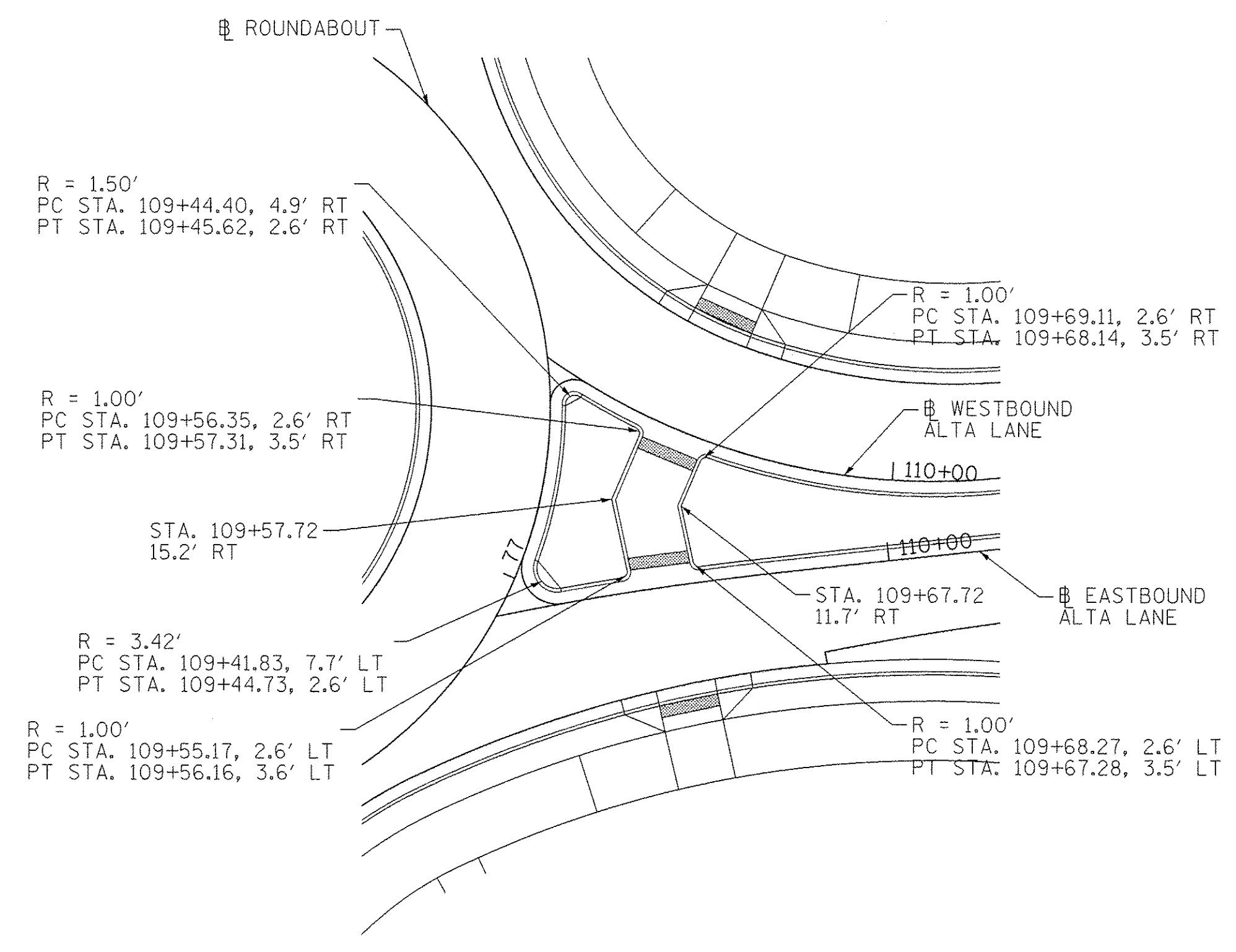
ALTA LANE WEST LEG
SPLITTER ISLAND DETAIL



RADNOR ROAD NORTH LEG
SPLITTER ISLAND DETAIL



RADNOR ROAD SOUTH LEG
SPLITTER ISLAND DETAIL



ALTA LANE EAST LEG
SPLITTER ISLAND DETAIL

FILE NAME = SA:\2017\2018\09\27\10210 (Alt+Radnor_Intersection)\CADD\CADD_Sheets\0489572-sh1-IntElevDet.dgn



USER NAME = wllewis	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/6/2017 11:51:28 AM	CHECKED -	REVISED -
	DATE -	REVISED -

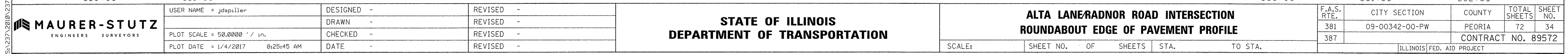
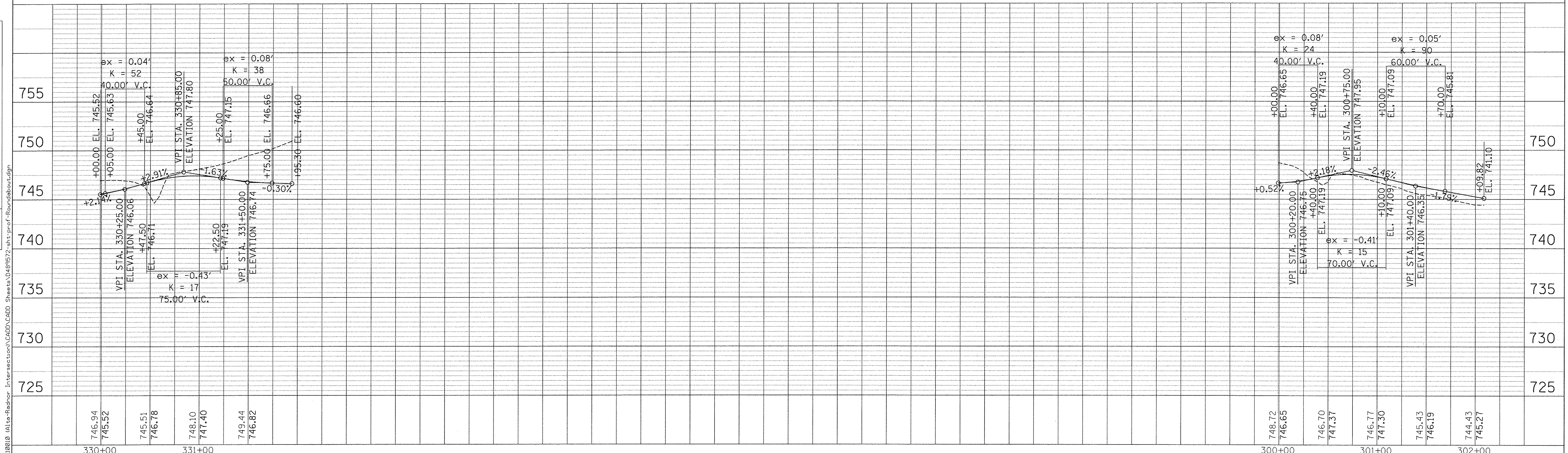
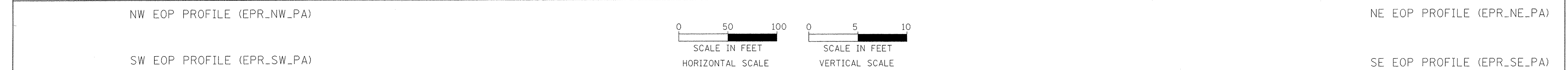
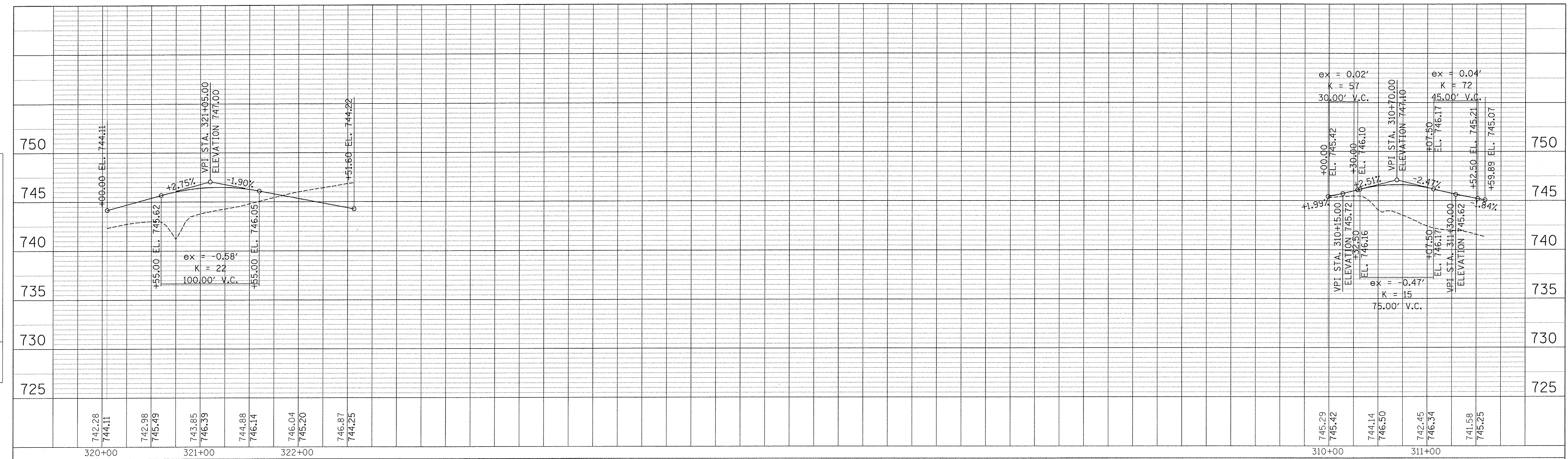
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANE /RADNOR ROAD INTERSECTION INTERSECTION DETAIL			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	33
387	CONTRACT NO. 89572			
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	ALIGNED		
	RT. OF WAY CHECKED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS CHFD		
	NO.		



MAURER-STUTZ
ENGINEERS SURVEYORS

USER NAME = jdpiller
 PLOT SCALE = 50.0000' / 1"
 PLOT DATE = 1/4/2017 8:25:45 AM

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANERADNOR ROAD INTERSECTION
ROUNDBOUT EDGE OF PAVEMENT PROFILE

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

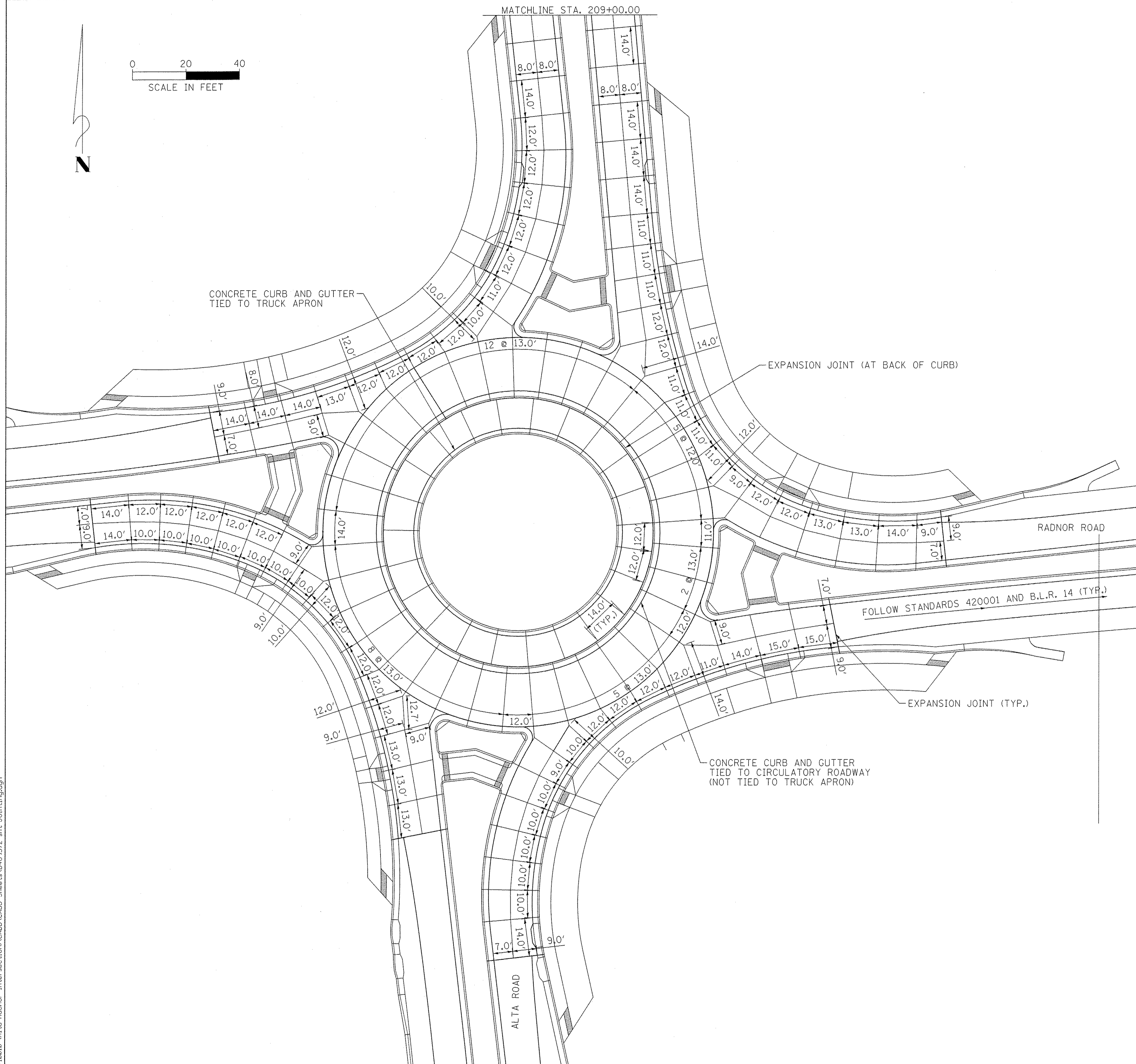
F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	34
387	CONTRACT NO. 89572		ILLINOIS FED. AID PROJECT	

FILE NAME = S:\237\2010\2371000 (Alta-Radnor Intersection)\CADD\CADD Sheets\489572-sh:prof-Roundabout.dgn



0 20 40
SCALE IN FEET

MATCHLINE STA. 209+00.00



CONCRETE CURB AND GUTTER
TIED TO TRUCK APRON

EXPANSION JOINT (AT BACK OF CURB)

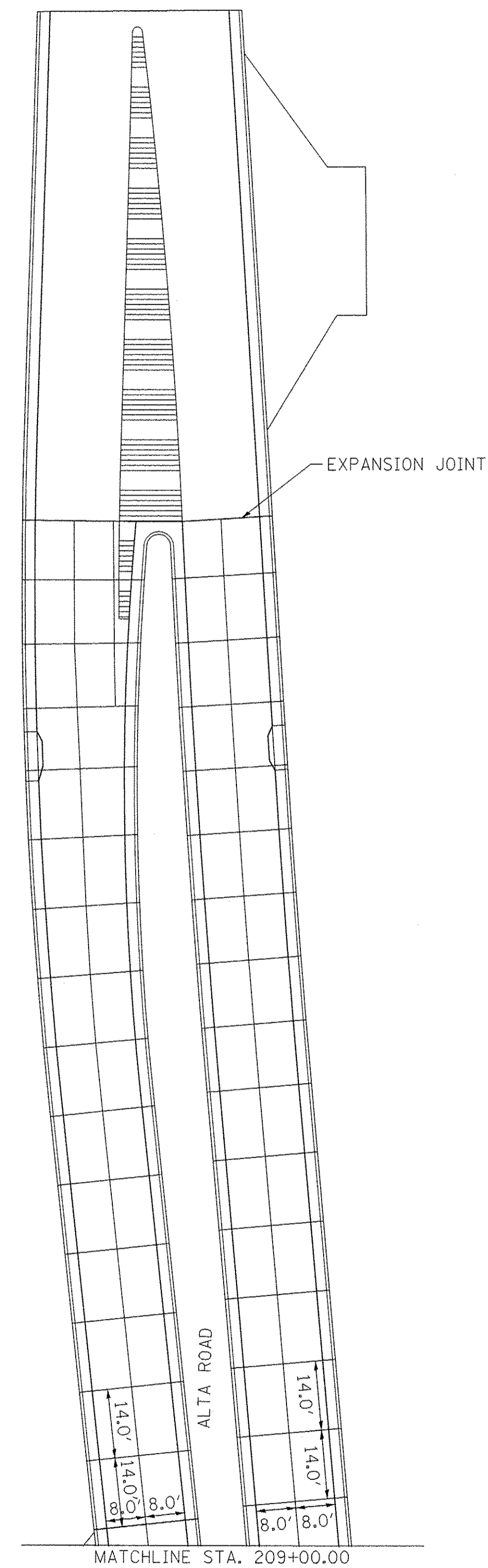
RADNOR ROAD

FOLLOW STANDARDS 420001 AND B.L.R. 14 (TYP.)

EXPANSION JOINT (TYP.)

CONCRETE CURB AND GUTTER
TIED TO CIRCULATORY ROADWAY
(NOT TIED TO TRUCK APRON)

ALTA ROAD



EXPANSION JOINT

ALTA ROAD

MATCHLINE STA. 209+00.00

S:\237\2018\2371000\01toRadnor_Intersection\CADD\CADD_Sheets\0489572-sht-Jointing.dgn

MAURER-STUTZ
ENGINEERS SURVEYORS

USER NAME = willis	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 1/6/2017 11:51:29 AM	CHECKED -	REVISED -
	DATE -	REVISED -

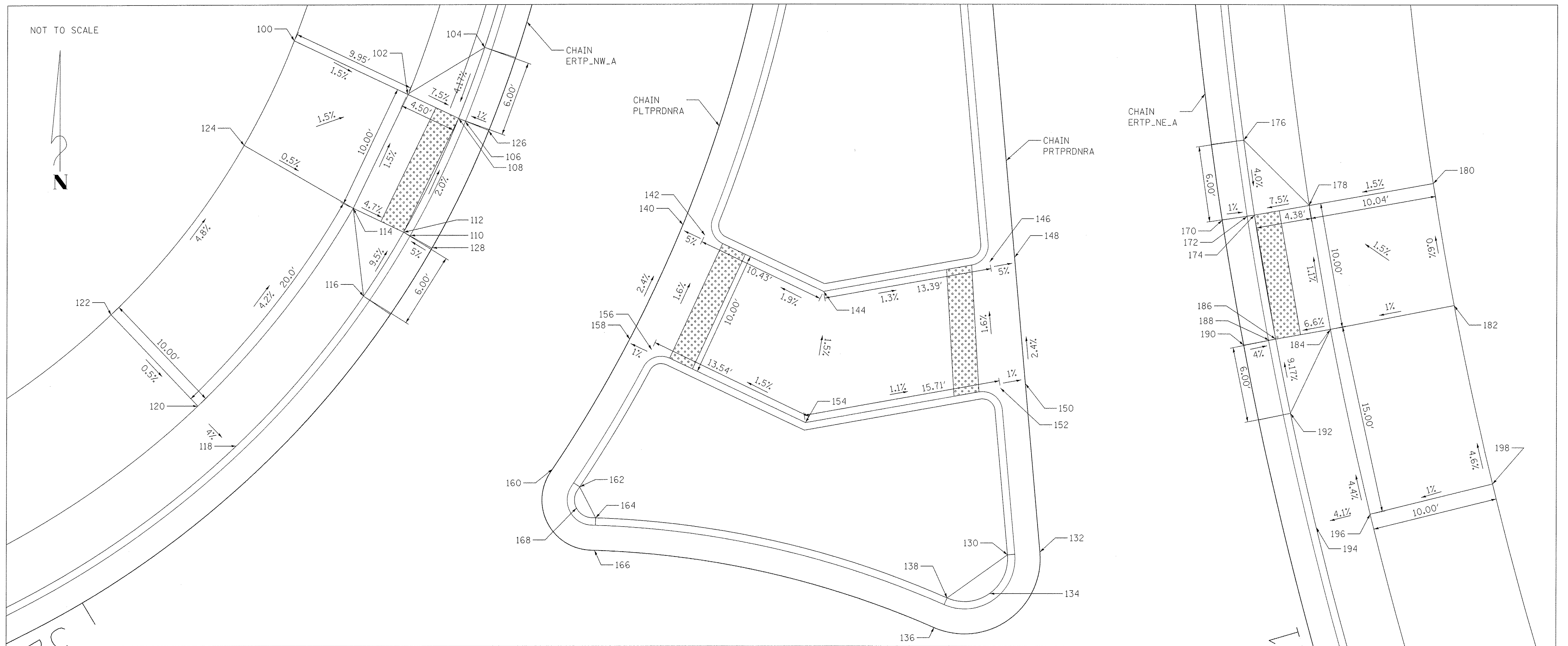
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALTA LANE /RADNOR ROAD INTERSECTION
PAVEMENT JOINTS**

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

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	35
387	CONTRACT NO. 89572			
ILLINOIS FED. AID PROJECT				

NOT TO SCALE



ROUNDBABOUT NORTH LEG					
POINT NO.	STATION	OFFSET	SIDE	ELEV.	CHAIN
100	320+48.62	17.00'	RT	745.93	ERTN_NW_A
102	320+49.40	7.07'	RT	745.78	ERTN_NW_A
104	320+43.54	2.58'	RT	745.69	ERTN_NW_A
106	320+49.74	2.00'	RT	745.40	ERTN_NW_A
108	320+49.70	2.58'	RT	745.44	ERTN_NW_A
110	320+60.01	2.00'	RT	745.68	ERTN_NW_A
112	320+60.06	2.58'	RT	745.72	ERTN_NW_A
114	320+60.42	7.00'	RT	745.93	ERTN_NW_A
116	320+66.27	2.58'	RT	746.29	ERTN_NW_A
118	320+82.42	2.58'	RT	746.58	ERTN_NW_A
120	320+82.42	7.00'	RT	746.76	ERTN_NW_A
122	320+82.42	17.00'	RT	746.81	ERTN_NW_A
124	320+60.42	17.00'	RT	745.98	ERTN_NW_A
126	320+49.73	0.00'	RT	745.48	ERTN_NW_A
128	320+60.01	0.00'	RT	745.76	ERTN_NW_A

ROUNDBABOUT NORTH LEG					
POINT NO.	STATION	OFFSET	SIDE	ELEV.	CHAIN
140	208+04.22	0.00'	RT	745.67	PLTPRDNRA
142	208+04.12	1.93'	RT	745.77	PLTPRDNRA
144	208+03.62	12.35'	RT	745.97	PLTPRDNRA
146	208+02.33	2.00'	LT	745.79	PRTPRDNRA
148	208+02.50	0.00'	LT	745.69	PRTPRDNRA
150	207+92.47	0.00'	LT	745.93	PRTPRDNRA
152	207+92.29	2.00'	LT	745.95	PRTPRDNRA
154	207+94.70	15.46'	RT	746.13	PLTPRDNRA
156	207+94.28	1.92'	RT	745.93	PLTPRDNRA
158	207+94.21	0.00'	RT	745.91	PLTPRDNRA
160	207+82.23	0.00'	RT	746.20	PLTPRDNRA
162	207+82.23	2.58'	RT	746.58	PLTPRDNRA
164	207+80.94	5.02'	RT	746.77	PLTPRDNRA
166	207+78.88	6.42'	RT	746.39	PLTPRDNRA
168	207+80.73	3.32'	RT	746.26	PLTPRDNRA
130	207+79.02	2.58'	LT	746.63	PRTPRDNRA
132	207+79.02	0.00'	LT	746.25	PRTPRDNRA
134	207+76.08	4.26'	LT	746.32	PRTPRDNRA
136	207+73.77	8.89'	LT	746.46	PRTPRDNRA
138	207+76.03	7.65'	LT	746.84	PRTPRDNRA

ROUNDBABOUT NORTH LEG					
POINT NO.	STATION	OFFSET	SIDE	ELEV.	CHAIN
170	311+39.55	0.00'	RT	745.46	ERTN_NE_A
172	311+39.55	2.00'	RT	745.44	ERTN_NE_A
174	311+39.56	2.58'	RT	745.48	ERTN_NE_A
176	311+45.61	2.58'	RT	745.72	ERTN_NE_A
178	311+39.65	6.97'	RT	745.81	ERTN_NE_A
180	311+39.86	17.00'	RT	745.96	ERTN_NE_A
182	311+29.41	17.00'	RT	746.02	ERTN_NE_A
184	311+29.41	7.00'	RT	745.92	ERTN_NE_A
186	311+29.47	2.58'	RT	745.63	ERTN_NE_A
188	311+29.48	2.07'	RT	745.59	ERTN_NE_A
190	311+29.48	0.00'	RT	745.67	ERTN_NE_A
192	311+23.42	2.58'	RT	746.18	ERTN_NE_A
194	311+14.06	2.58'	RT	746.40	ERTN_NE_A
196	311+14.06	7.00'	RT	746.58	ERTN_NE_A
198	311+14.06	17.00'	RT	746.68	ERTN_NE_A

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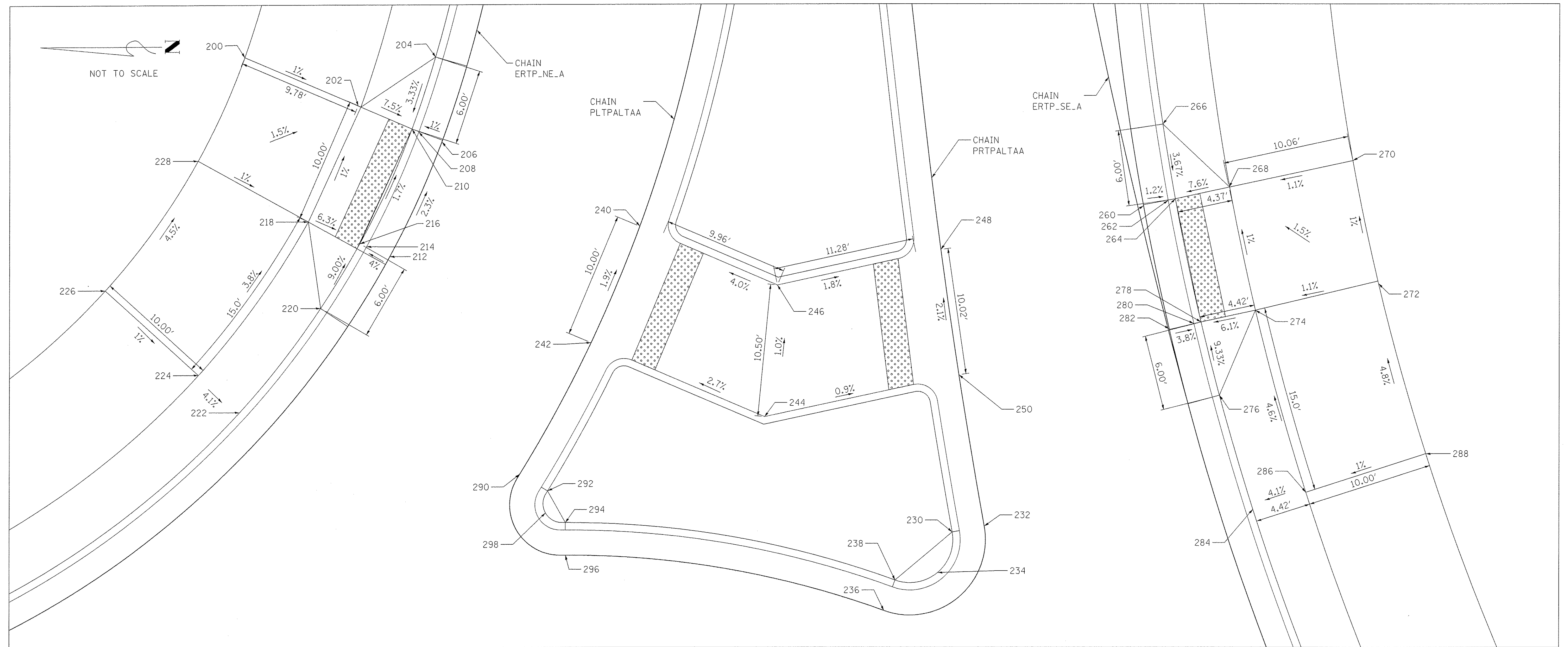
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALTA LANE /RADNOR ROAD INTERSECTION
 CURB RAMP DETAILS - ROUNDBABOUT NORTH

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

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	36
387	CONTRACT NO. 89572		ILLINOIS FED. AID PROJECT	

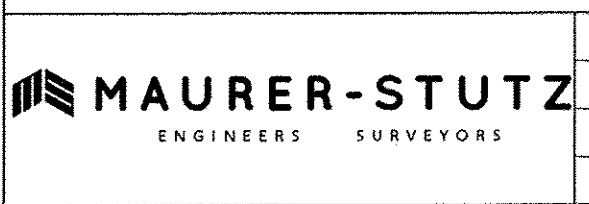


ROUNABOUT EAST LEG					
POINT NO.	STATION	OFFSET	SIDE	ELEV.	CHAIN
200	310+28.53	17.00'	RT	746.56	ERTP_NE_A
202	310+29.21	7.24'	RT	746.46	ERTP_NE_A
204	310+23.29	2.58'	RT	746.31	ERTP_NE_A
206	310+29.50	0.00'	RT	746.09	ERTP_NE_A
208	310+29.50	2.00'	RT	746.07	ERTP_NE_A
210	310+29.47	2.58'	RT	746.11	ERTP_NE_A
212	310+39.61	0.00'	RT	746.32	ERTP_NE_A
214	310+39.80	2.00'	RT	746.24	ERTP_NE_A
216	310+39.85	2.58'	RT	746.28	ERTP_NE_A
218	310+40.32	7.00'	RT	746.56	ERTP_NE_A
220	310+46.08	2.58'	RT	746.82	ERTP_NE_A
222	310+56.94	2.58'	RT	746.95	ERTP_NE_A
224	310+56.94	7.00'	RT	747.13	ERTP_NE_A
226	310+56.94	17.00'	RT	747.23	ERTP_NE_A
228	310+40.32	17.00'	RT	746.66	ERTP_NE_A

ROUNABOUT EAST LEG					
POINT NO.	STATION	OFFSET	SIDE	ELEV.	CHAIN
230	109+44.73	2.58'	LT	747.51	PRTPALTA
232	109+44.73	0.00'	LT	747.13	PRTPALTA
234	109+41.80	4.31'	LT	747.16	PRTPALTA
236	109+39.65	9.06'	LT	747.27	PRTPALTA
238	109+41.83	7.73'	LT	747.65	PRTPALTA
240	109+67.76	0.00'	RT	746.43	PLTPALTA
242	109+57.76	0.00'	RT	746.62	PLTPALTA
244	109+58.23	14.98'	RT	747.02	PLTPALTA
246	109+67.18	11.87'	RT	746.91	PLTPALTA
248	109+66.97	0.00'	RT	746.67	PLTPALTA
250	109+56.95	0.00'	RT	746.88	PLTPALTA
290	109+45.88	0.00'	RT	746.84	PLTPALTA
292	109+45.88	2.58'	RT	747.22	PLTPALTA
294	109+44.53	5.10'	RT	747.45	PLTPALTA
296	109+42.47	6.50'	RT	747.07	PLTPALTA
298	109+44.35	3.36'	RT	746.92	PLTPALTA

ROUNABOUT EAST LEG					
POINT NO.	STATION	OFFSET	SIDE	ELEV.	CHAIN
260	301+42.04	0.46'	RT	746.36	ERTP_SE_A
262	301+41.99	2.46'	RT	746.33	ERTP_SE_A
264	301+41.98	3.04'	RT	746.37	ERTP_SE_A
266	301+48.01	3.41'	RT	746.59	ERTP_SE_A
268	301+41.88	7.41'	RT	746.70	ERTP_SE_A
270	301+41.65	17.46'	RT	746.81	ERTP_SE_A
272	301+31.29	17.07'	RT	746.91	ERTP_SE_A
274	301+31.74	7.08'	RT	746.80	ERTP_SE_A
276	301+25.90	2.59'	RT	747.09	ERTP_SE_A
278	301+31.93	2.57'	RT	746.53	ERTP_SE_A
280	301+31.95	2.08'	RT	746.49	ERTP_SE_A
282	301+32.04	0.09'	RT	746.57	ERTP_SE_A
284	301+16.35	2.58'	RT	747.31	ERTP_SE_A
286	301+16.35	7.00'	RT	747.49	ERTP_SE_A
288	301+16.35	17.00'	RT	747.59	ERTP_SE_A

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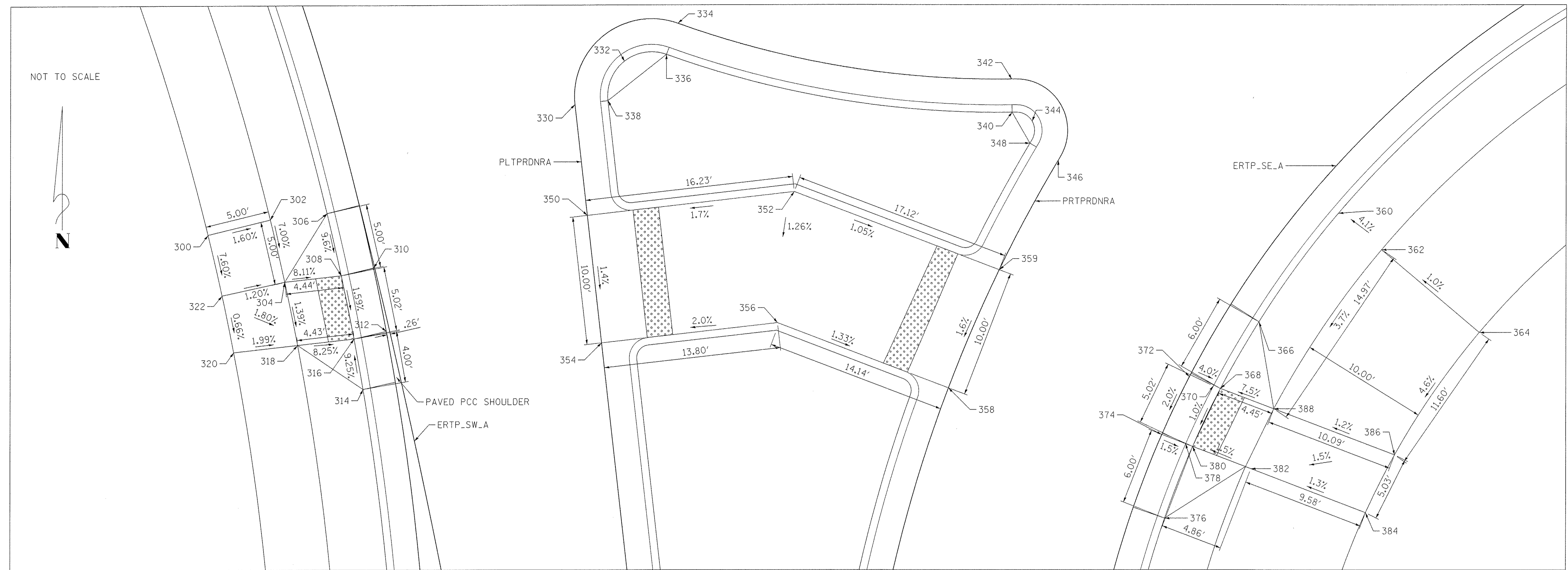
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANE /RADNOR ROAD INTERSECTION
CURB RAMP DETAILS - ROUNDABOUT EAST

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

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	37
387	CONTRACT NO. 89572			
ILLINOIS FED. AID PROJECT				

NOT TO SCALE



ROUNDAABOUT SOUTH LEG					
POINT NO.	STATION	OFFSET	SIDE	ELEV.	CHAIN
300	331+25.41	12.01'	RT	747.78	ERTP_SW_A
302	331+25.45	7.01'	RT	747.70	ERTP_SW_A
304	331+30.50	7.08'	RT	747.35	ERTP_SW_A
306	331+26.04	2.59'	RT	747.51	ERTP_SW_A
308	331+31.07	2.68'	RT	746.99	ERTP_SW_A
310	331+31.07	0.09'	RT	747.05	ERTP_SW_A
312	331+36.10	0.26'	RT	746.98	ERTP_SW_A
314	331+40.12	3.04'	RT	747.28	ERTP_SW_A
316	331+36.10	2.84'	RT	746.91	ERTP_SW_A
318	331+35.58	7.24'	RT	747.28	ERTP_SW_A
320	331+34.98	12.22'	RT	747.38	ERTP_SW_A
322	331+30.38	12.08'	RT	747.41	ERTP_SW_A

ROUNDAABOUT SOUTH LEG					
POINT NO.	STATION	OFFSET	SIDE	ELEV.	CHAIN
330	206+23.33	0.00'	RT	747.52	PLTPRDNRA
332	206+26.24	4.20'	RT	747.60	PLTPRDNRA
334	206+28.71	8.67'	RT	747.76	PLTPRDNRA
336	206+26.39	7.52'	RT	748.14	PLTPRDNRA
338	206+23.33	2.58'	RT	747.90	PLTPRDNRA
340	206+23.06	5.02'	LT	748.18	PRTPRDNRA
342	206+25.12	6.42'	LT	747.80	PRTPRDNRA
344	206+23.27	3.32'	LT	747.68	PRTPRDNRA
346	206+21.76	0.00'	LT	747.63	PRTPRDNRA
348	206+21.76	2.58'	LT	748.01	PRTPRDNRA
350	206+14.66	0.00'	RT	747.37	PLTPRDNRA
352	206+14.66	16.23'	RT	747.64	PLTPRDNRA
354	206+04.66	0.00'	RT	747.23	PLTPRDNRA
356	206+04.66	13.80'	RT	747.51	PLTPRDNRA
358	206+02.06	0.00'	LT	747.32	PRTPRDNRA
359	206+12.07	0.00'	LT	747.46	PRTPRDNRA

ROUNDAABOUT SOUTH LEG					
POINT NO.	STATION	OFFSET	SIDE	ELEV.	CHAIN
360	300+56.30	2.58'	RT	747.83	ERTP_SE_A
362	300+56.30	7.00'	RT	748.01	ERTP_SE_A
364	300+56.30	17.00'	RT	748.11	ERTP_SE_A
366	300+45.44	2.58'	RT	747.68	ERTP_SE_A
368	300+39.23	2.58'	RT	747.12	ERTP_SE_A
370	300+39.16	2.00'	RT	747.08	ERTP_SE_A
372	300+38.93	0.00'	RT	747.16	ERTP_SE_A
374	300+33.91	0.00'	RT	747.06	ERTP_SE_A
376	300+27.83	2.58'	RT	747.33	ERTP_SE_A
378	300+34.01	2.00'	RT	747.03	ERTP_SE_A
380	300+34.04	2.58'	RT	747.07	ERTP_SE_A
382	300+34.30	7.44'	RT	747.40	ERTP_SE_A
384	300+34.94	17.00'	RT	747.52	ERTP_SE_A
386	300+41.39	17.00'	RT	747.57	ERTP_SE_A
388	300+39.80	7.00'	RT	747.45	ERTP_SE_A

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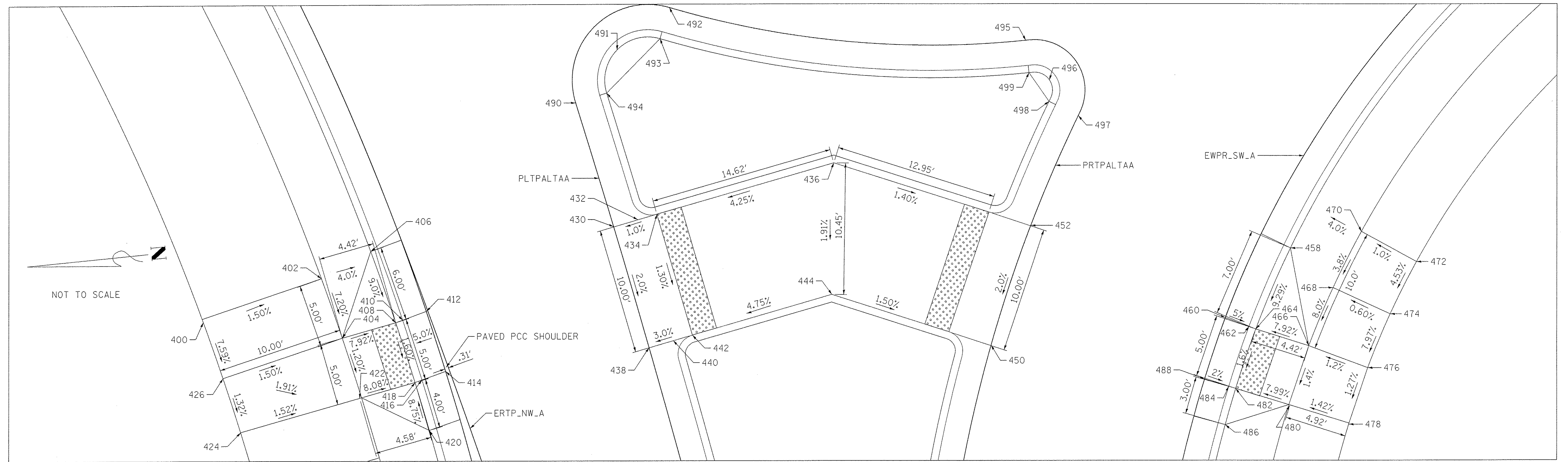
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALTA LANE /RADNOR ROAD INTERSECTION
 CURB RAMP DETAILS - ROUNDAABOUT SOUTH

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

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	38
387	CONTRACT NO. 89572		ILLINOIS FED. AID PROJECT	



ROUNDBABOUT WEST LEG					
POINT NO.	STATION	OFFSET	SIDE	ELEV.	CHAIN
400	321+49.73	17.02'	RT	746.86	ERTP_NW_A
402	321+49.85	7.02'	RT	746.70	ERTP_NW_A
404	321+54.91	7.12'	RT	746.34	ERTP_NW_A
406	321+49.21	2.60'	RT	746.63	ERTP_NW_A
408	321+55.24	2.71'	RT	745.99	ERTP_NW_A
410	321+55.24	2.13'	RT	745.95	ERTP_NW_A
412	321+55.24	0.13'	RT	746.05	ERTP_NW_A
414	321+60.26	0.31'	RT	745.95	ERTP_NW_A
416	321+60.26	2.32'	RT	745.87	ERTP_NW_A
418	321+60.26	2.90'	RT	745.91	ERTP_NW_A
420	321+64.28	3.11'	RT	746.26	ERTP_NW_A
422	321+59.96	7.47'	RT	746.28	ERTP_NW_A
424	321+59.29	17.29'	RT	746.23	ERTP_NW_A
426	321+54.61	17.12'	RT	746.49	ERTP_NW_A

ROUNDBABOUT WEST LEG					
POINT NO.	STATION	OFFSET	SIDE	ELEV.	CHAIN
430	107+76.80	0.00'	RT	746.36	PLTPALTA
432	107+76.78	2.00'	RT	746.38	PLTPALTA
434	107+76.76	3.56'	RT	746.40	PLTPALTA
436	107+76.61	18.19'	RT	747.02	PLTPALTA
438	107+66.80	0.00'	RT	746.16	PLTPALTA
440	107+66.81	2.00'	RT	746.22	PLTPALTA
442	107+66.81	3.58'	RT	746.27	PLTPALTA
444	107+66.83	15.10'	RT	746.82	PLTPALTA
450	107+65.25	0.00'	LT	746.62	PRTPALTA
452	107+75.26	0.00'	LT	746.82	PRTPALTA
490	107+87.10	0.00'	RT	746.55	PLTPALTA
491	107+90.10	4.40'	RT	746.68	PLTPALTA
492	107+92.02	9.37'	RT	746.88	PLTPALTA
493	107+89.91	7.92'	RT	747.26	PLTPALTA
494	107+87.10	2.58'	RT	746.93	PLTPALTA
495	107+88.13	6.42'	LT	747.10	PRTPALTA
496	107+86.28	3.32'	LT	747.02	PRTPALTA
497	107+84.77	0.00'	LT	747.01	PRTPALTA
498	107+84.77	2.58'	LT	747.39	PRTPALTA
499	107+86.06	5.02'	LT	747.48	PRTPALTA

ROUNDBABOUT WEST LEG					
POINT NO.	STATION	OFFSET	SIDE	ELEV.	CHAIN
458	330+46.98	2.58'	RT	747.08	ERTP_SW_A
460	330+39.73	0.00'	RT	746.49	ERTP_SW_A
462	330+39.73	2.00'	RT	746.39	ERTP_SW_A
464	330+39.73	2.58'	RT	746.43	ERTP_SW_A
466	330+39.97	7.00'	RT	746.78	ERTP_SW_A
468	330+45.47	7.00'	RT	747.18	ERTP_SW_A
470	330+50.98	7.00'	RT	747.37	ERTP_SW_A
472	330+50.98	12.00'	RT	747.42	ERTP_SW_A
474	330+45.47	12.00'	RT	747.21	ERTP_SW_A
476	330+39.97	12.00'	RT	746.84	ERTP_SW_A
478	330+34.48	12.00'	RT	746.78	ERTP_SW_A
480	330+34.53	7.09'	RT	746.71	ERTP_SW_A
482	330+34.58	2.58'	RT	746.35	ERTP_SW_A
484	330+34.58	2.00'	RT	746.31	ERTP_SW_A
486	330+31.50	2.58'	RT	746.64	ERTP_SW_A
488	330+34.58	0.00'	RT	746.35	ERTP_SW_A

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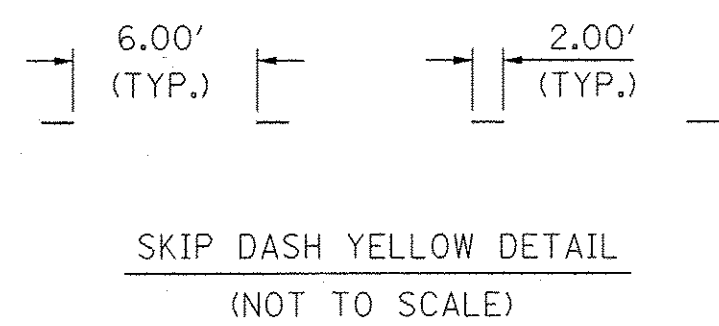
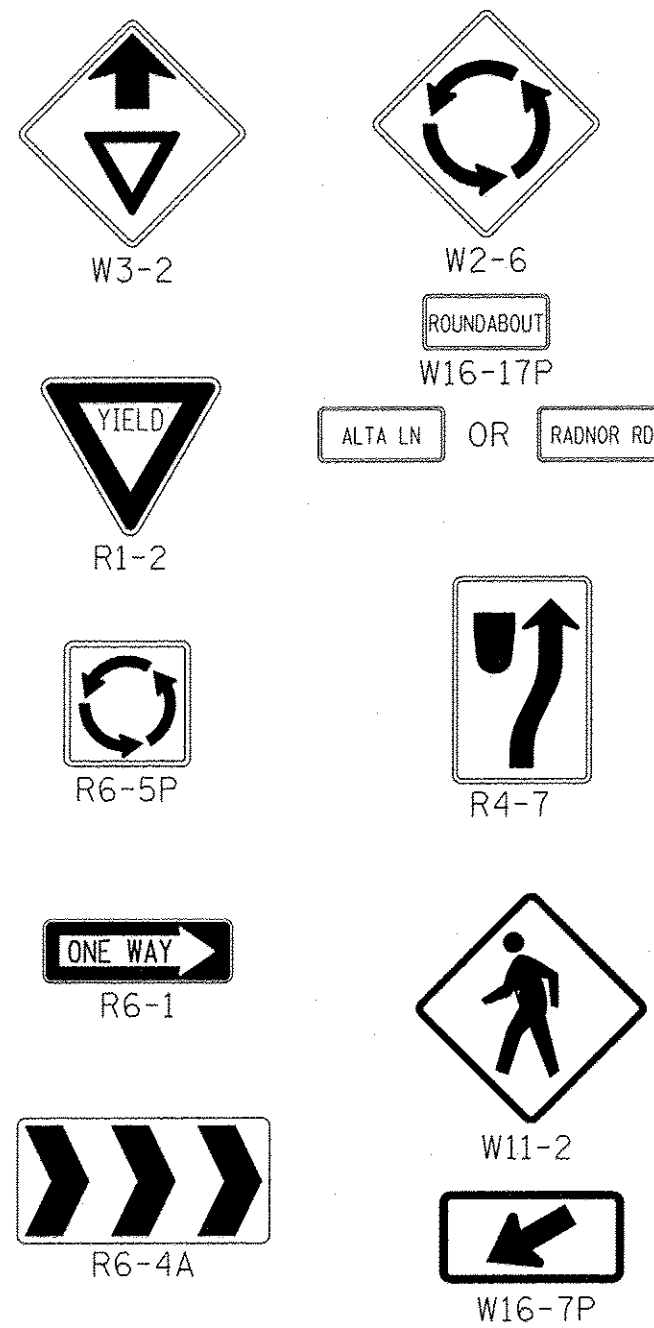
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

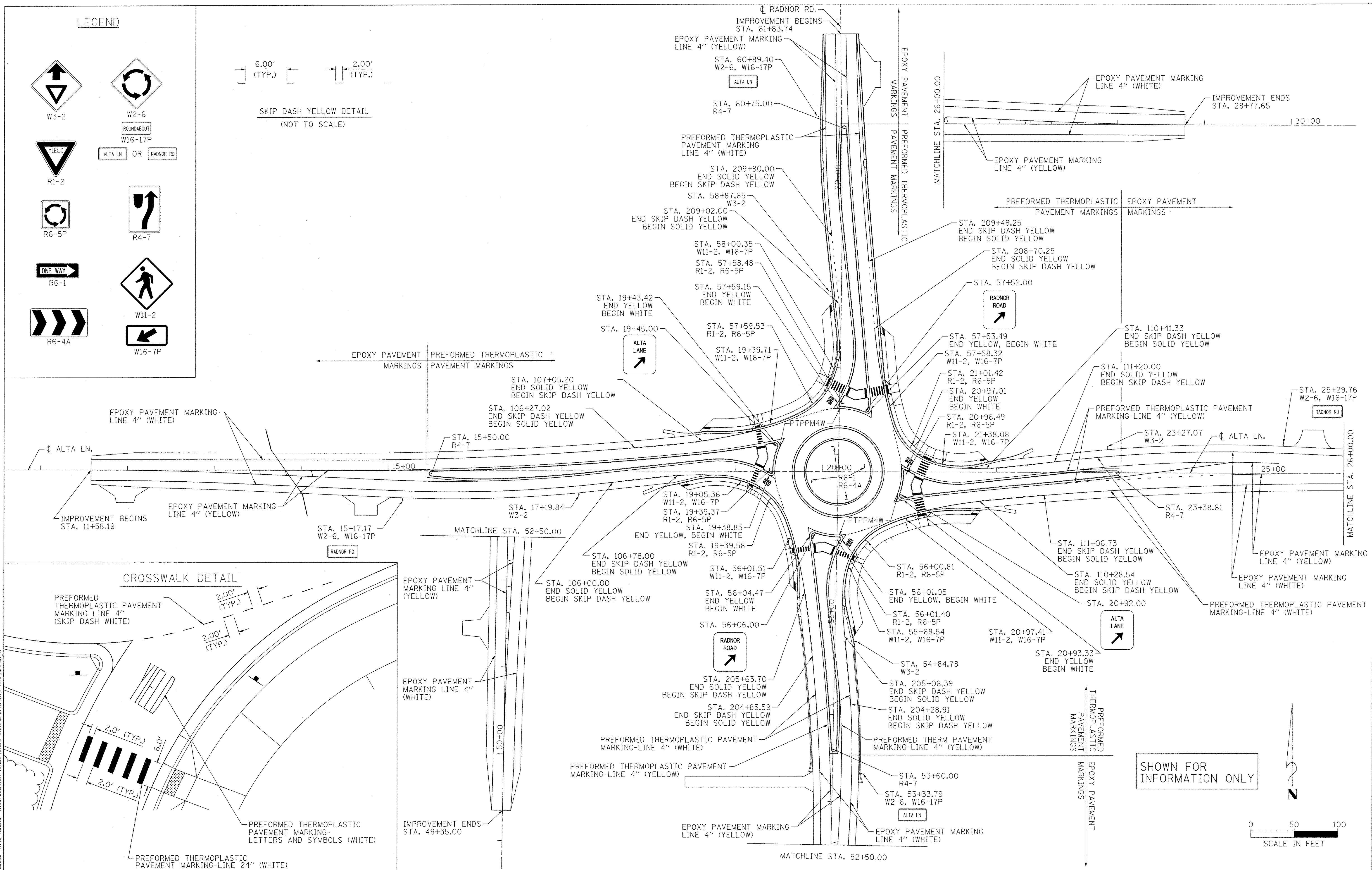
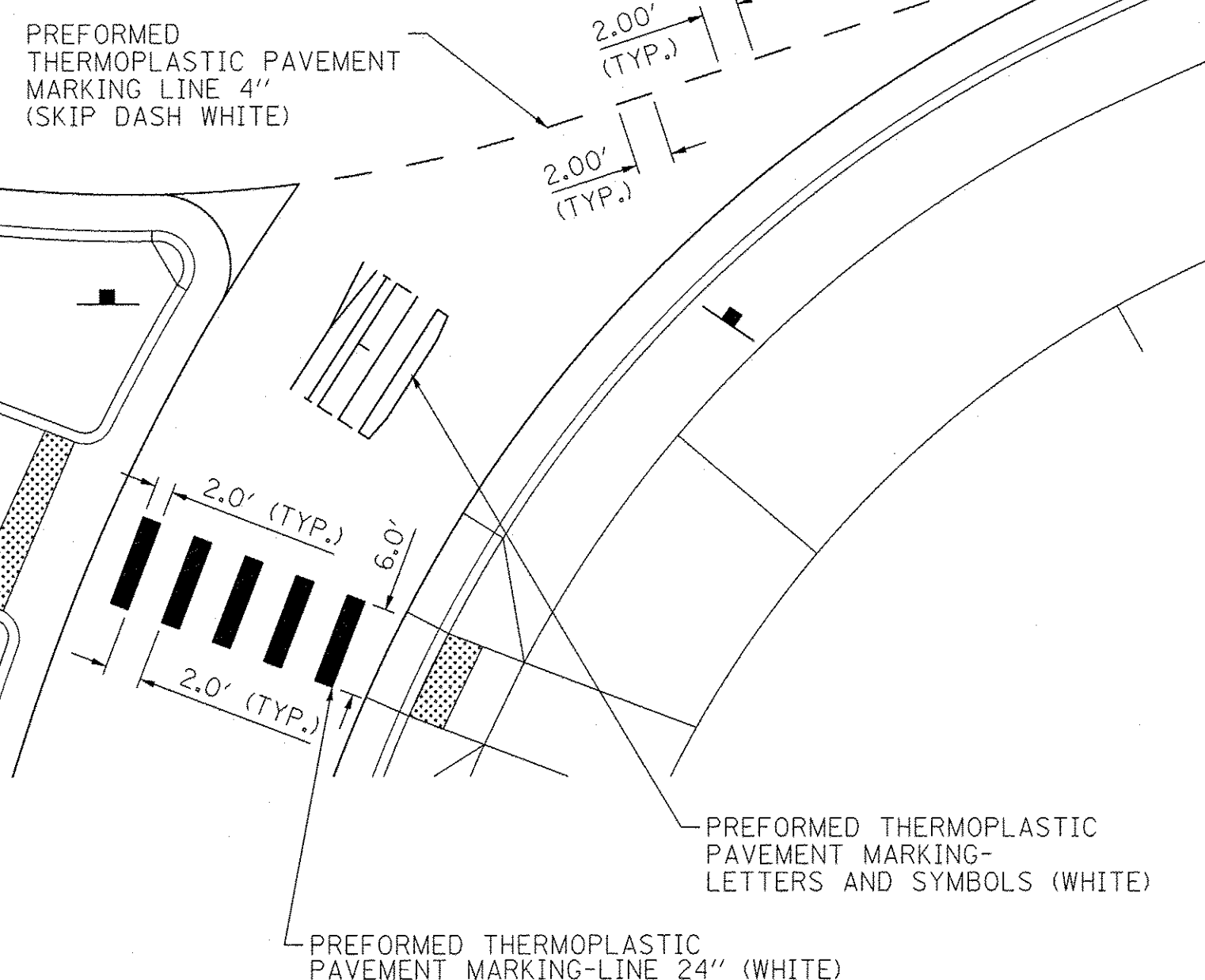
ALTA LANE /RADNOR ROAD INTERSECTION			
CURB RAMP DETAILS - ROUNDBABOUT WEST			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	39
387	ILLINOIS FED. AID PROJECT		CONTRACT NO. 89572	

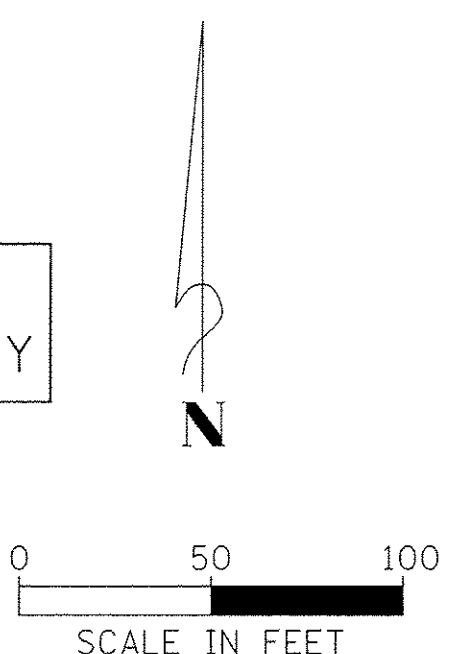
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CROSSWALK DETAIL



SHOWN FOR INFORMATION ONLY



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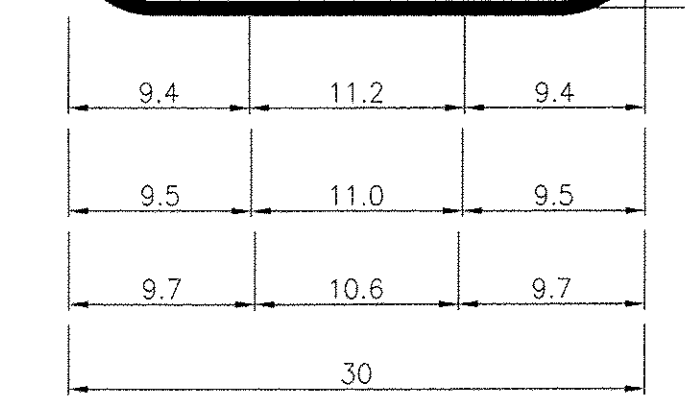
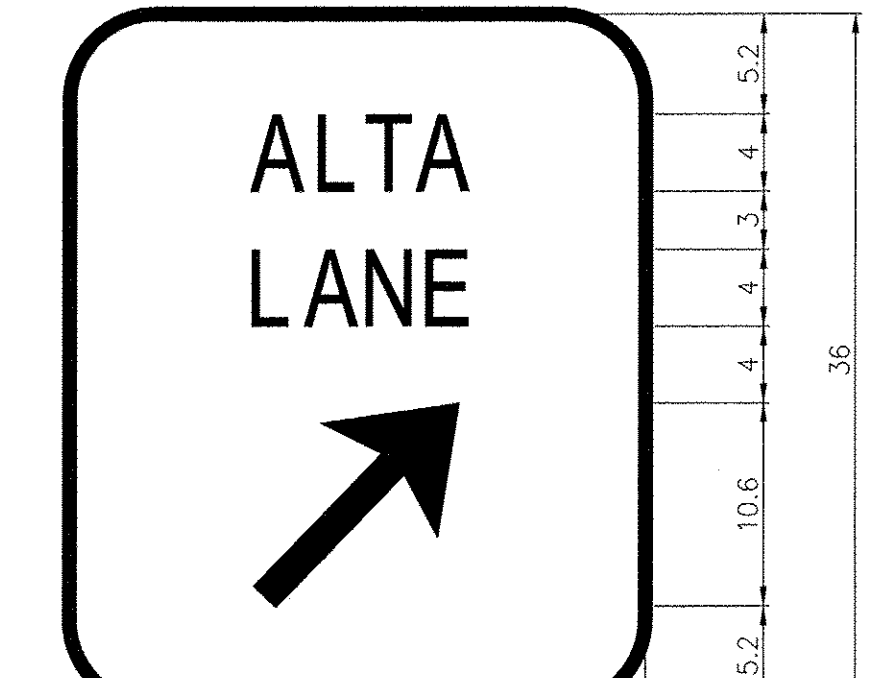
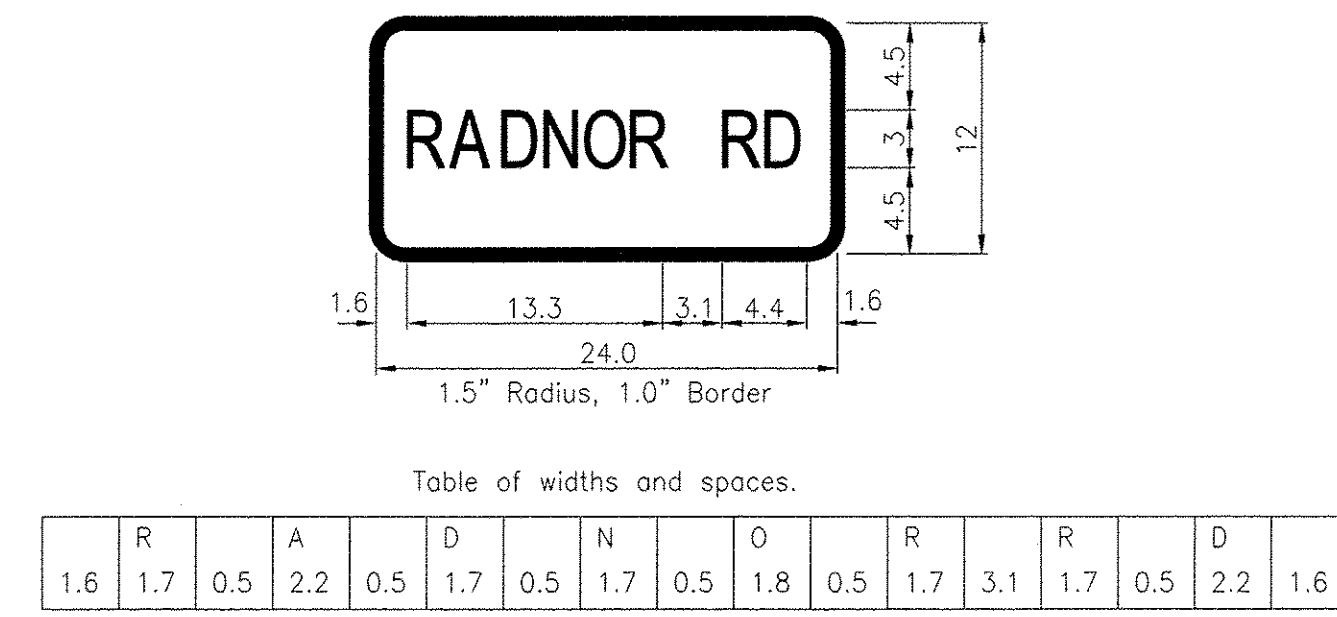
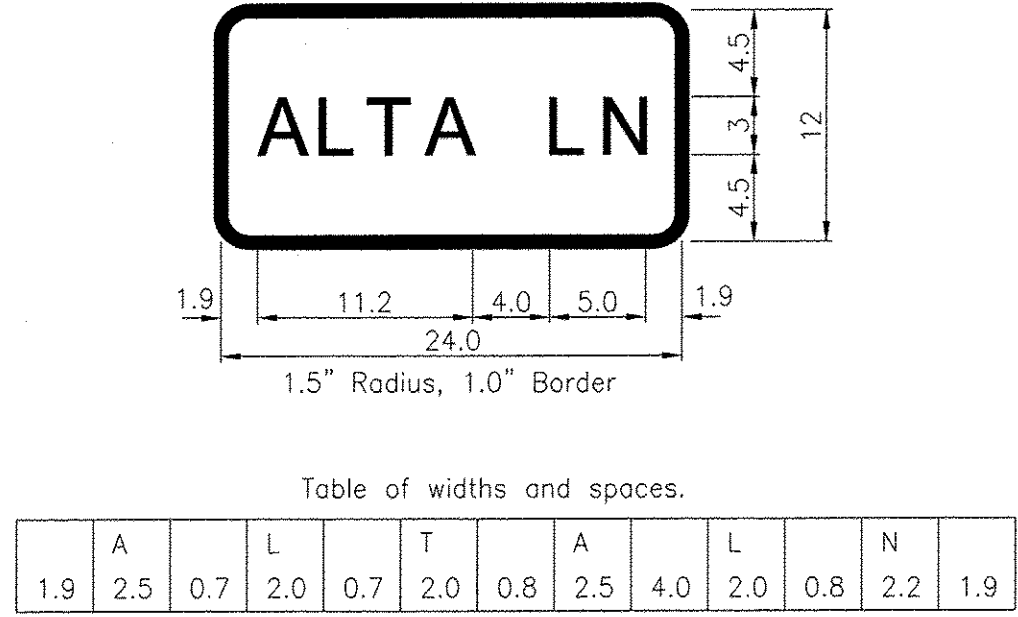
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANE /RADNOR ROAD INTERSECTION
PAVEMENT MARKING AND SIGNING PLAN

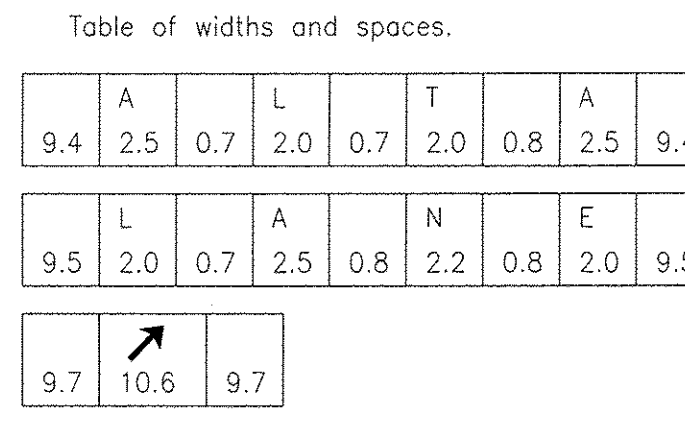
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		CONTRACT NO. 89572		
ILLINOIS FED. AID PROJECT				

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

78005110 EPOXY PAVEMENT MARKING - LINE 4"						
LOCATION	FOOT	REMARKS				
100+00.00 TO 103+87.03	WHITE	386.8	ALTA LT PGL			
100+00.00 TO 103+87.20	WHITE	387.0	ALTA RT PGL			
100+00.00 TO 103+86.99	YELLOW	387.0	ALTA RT PGL			
100+04.69 TO 103+86.77	YELLOW	382.1	ALTA LT PGL			
111+95.55 TO 117+30.55	WHITE	534.2	ALTA RT PGL			
111+96.01 TO 113+77.90	YELLOW	181.9	ALTA LT PGL			
111+96.26 TO 113+26.36	WHITE-DASHED	65.1	ALTA RT PGL			
111+96.43 TO 113+26.54	YELLOW	130.9	ALTA RT PGL			
111+96.91 TO 117+30.55	WHITE	534.6	ALTA LT PGL			
113+26.36 TO 113+78.33	YELLOW	52.0	ALTA RT PGL			
114+53.26 TO 117+30.55	YELLOW	279.7	ALTA RT PGL			
114+53.29 TO 117+30.55	YELLOW	279.6	ALTA LT PGL			
199+52.17 TO 203+72.97	WHITE	420.1	RADNOR LT PGL			
199+52.17 TO 203+72.15	YELLOW	420.0	RADNOR LT PGL			
199+52.17 TO 203+72.19	WHITE	420.2	RADNOR RT PGL			
200+00.00 TO 203+72.34	YELLOW	372.3	RADNOR RT PGL			
211+07.19 TO 212+11.10	WHITE	103.5	RADNOR RT PGL			
211+07.75 TO 212+11.10	YELLOW	103.4	RADNOR RT PGL			
211+07.90 TO 212+11.10	YELLOW	103.2	RADNOR LT PGL			
211+08.01 TO 212+11.10	WHITE	103.1	RADNOR LT PGL			
TOTAL			5646.5			



4.5" Radius, 1.0" Border, White on Green;
 [ALTA] C; [LANE] C;
 Standard Arrow Custom 13.4"x8.1" 45"



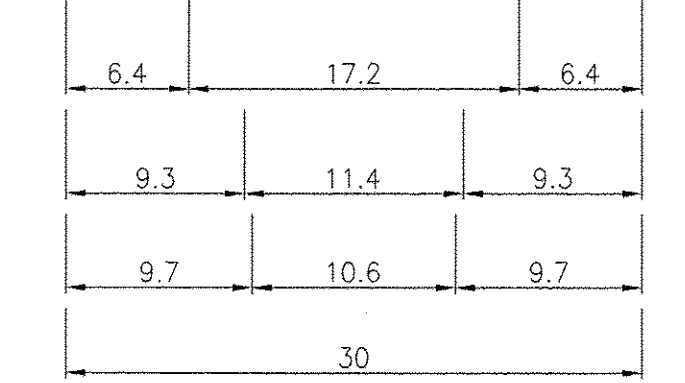
78006100 PREFORMED THERMOPLASTIC PAVEMENT MARKING - LTRS & SYM			
LOCATION	SQ FT	REMARKS	
107+42.77	FISH HOOK ARROW	28.7	ALTA RT PGL
107+87.13	YIELD	22.3	ALTA RT PGL
109+43.41	YIELD	22.3	ALTA LT PGL
109+83.13	FISH HOOK ARROW	28.7	ALTA LT PGL
113+54.87	LEFT ARROW	15.6	ALTA LT PGL
205+84.88	FISH HOOK ARROW	28.7	RADNOR RT PGL
206+24.13	YIELD	22.3	RADNOR RT PGL
207+79.87	YIELD	22.3	RADNOR LT PGL
208+18.33	FISH HOOK ARROW	28.7	RADNOR LT PGL
TOTAL			219.6

78006110 PREFORMED THERMOPLASTIC PAVEMENT MARKING - LINE 4"			
LOCATION	FOOT	REMARKS	
NORTHEAST QUADRANT EOP WHITE 634.1			
SOUTHEAST QUADRANT EOP WHITE 560.7			
SOUTHWEST QUADRANT EOP WHITE 709.2			
NORTHWEST QUADRANT EOP WHITE 786.9			
WEST SPLITTER ISLAND WHITE 48.9 CIRCLE ROADWAY			
NORTH SPLITTER ISLAND WHITE 46.6 CIRCLE ROADWAY			
EAST SPLITTER ISLAND WHITE 45.2 CIRCLE ROADWAY			
SOUTH SPLITTER ISLAND WHITE 44.7 CIRCLE ROADWAY			
103+86.77 TO 107+99.68	YELLOW	412.9	ALTA LT PGL
103+86.99 TO 107+92.98	YELLOW	406.0	ALTA RT PGL
109+37.57 TO 111+96.01	YELLOW	258.4	ALTA LT PGL
109+33.21 TO 111+96.43	YELLOW	263.3	ALTA RT PGL
203+72.15 TO 206+33.79	YELLOW	261.6	RADNOR LT PGL
203+72.34 TO 206+29.97	YELLOW	257.6	RADNOR RT PGL
207+74.02 TO 211+07.90	YELLOW	333.9	RADNOR LT PGL
207+68.00 TO 211+07.75	YELLOW	339.8	RADNOR RT PGL
TOTAL			5409.8

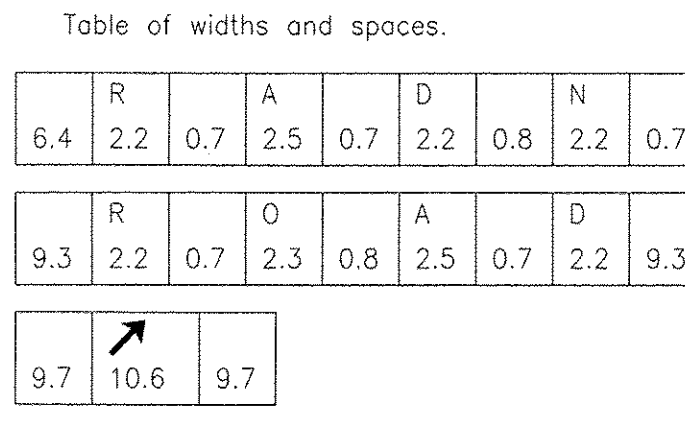
78006180 PREFORMED THERMOPLASTIC PAVEMENT MARKING - LINE 24"			
LOCATION	FOOT	REMARKS	
107+70.29	RT	WHITE	24.0 ALTA RT PGL
107+71.82	LT	WHITE	24.0 ALTA LT PGL
109+62.05	RT	WHITE	24.0 ALTA RT PGL
109+62.77	LT	WHITE	24.0 ALTA LT PGL
206+07.12	RT	WHITE	24.0 RADNOR RT PGL
206+09.66	LT	WHITE	24.0 RADNOR LT PGL
207+97.62	RT	WHITE	24.0 RADNOR RT PGL
207+99.23	LT	WHITE	24.0 RADNOR LT PGL
TOTAL			192.0

ALTA LANE - SIGN AND POST SCHEDULE					RADNOR ROAD - SIGN AND POST SCHEDULE						
STATION	OFFSET	COMMENT	SIZE	72000100 SIGN PANEL - TYPE 1	72900200 METAL POSTS - TYPE B	STATION	OFFSET	COMMENT	SIZE	72000100 SIGN PANEL - TYPE 1	72900200 METAL POSTS - TYPE B
15+17.17	RT	W2-6	30 X 30	6.25		53+33.79	RT	W2-6	30 X 30	6.25	
15+17.17	RT	W16-17P	24 X 12	2.00		53+33.79	RT	W16-17P	24 X 12	2.00	
15+17.17	RT	RADNOR RD (YELLOW)	24 X 12	2.00		53+33.79	RT	ALTA LN (YELLOW)	24 X 12	2.00	
15+50.00	RT	R4-7	24 X 30	5.00	14.5	53+60.00	RT	R4-7	24 X 30	5.00	14.5
17+19.84	RT	W3-2	30 X 30	6.25	14.5	54+84.78	RT	W3-2	30 X 30	6.25	14.5
19+05.36	RT	W11-2	30 X 30	6.25	14.5	55+68.54	RT	W11-2	30 X 30	6.25	14.5
19+05.36	RT	W16-7P	24 X 12	2.00		55+68.54	RT	W16-7P	24 X 12	2.00	
19+39.37	LT	R1-2	36 X 36 X 36	3.90	14.5	56+00.81	RT	R1-2	36 X 36 X 36	3.90	14.5
19+39.37	LT	R6-5P	30 X 30	6.25		56+00.81	RT	R6-5P	30 X 30	6.25	
19+39.58	RT	R1-2	36 X 36 X 36	3.90	14.5	56+01.40	LT	R1-2	36 X 36 X 36	3.90	14.5
19+39.58	RT	R6-5P	30 X 30	6.25		56+01.40	LT	R6-5P	30 X 30	6.25	
19+39.71	LT	W11-2	30 X 30	6.25	14.5	56+01.51	LT	W11-2	30 X 30	6.25	14.5
19+39.71	LT	W16-7P	24 X 12	2.00		56+01.51	LT	W16-7P	24 X 12	2.00	
19+45.00	LT	D1-1 ALTA LN (GREEN)	30 X 36	7.50	14.5	56+06.00	LT	D1-1 RADNOR RD (GREEN)	30 X 36	7.50	14.5
19+87.81	RT	R6-1	36 X 12	3.00	14.5	57+52.00	RT	D1-1 RADNOR RD (GREEN)	30 X 36	7.50	14.5
19+87.81	RT	R6-4A	48 X 24	8.00		57+58.48	RT	R1-2	36 X 36 X 36	3.90	14.5
20+11.25	LT	R6-1	36 X 12	3.00	14.5	57+58.48	RT	R6-5P	30 X 30	6.25	
20+11.25	LT	R6-4A	48 X 24	8.00		57+58.32	RT	W11-2	30 X 30	6.25	14.5
20+27.67	RT	R6-1	36 X 12	3.00	14.5	57+58.32	RT	W16-7P	24 X 12	2.00	
20+27.67	RT	R6-4A	48 X 24	8.00		57+59.53	LT	R1-2	36 X 36 X 36	3.90	14.5
20+47.81	LT	R6-1	36 X 12	3.00	14.5	57+59.53	LT	R6-5P	30 X 30	6.25	
20+47.81	LT	R6-4A	48 X 24	8.00		58+00.35	LT	W11-2	30 X 30	6.25	14.5
20+92.00	RT	D1-1 ALTA LN (GREEN)	30 X 36	7.50	14.5	58+00.35	LT	W16-7P	24 X 12	2.00	
20+96.49	LT	R1-2	36 X 36 X 36	3.90	14.5	58+87.65	LT	W3-2	30 X 30	6.25	14.5
20+96.49	LT	R6-5P	30 X 30	6.25		60+75.00	LT	R4-7	24 X 30	5.00	14.5
20+97.41	RT	W11-2	30 X 30	6.25	14.5	60+89.40	LT	W2-6	30 X 30	6.25	
20+97.41	RT	W16-7P	24 X 12	2.00		60+89.40	LT	W16-17P	24 X 12	2.00	
21+01.42	LT	R1-2	36 X 36 X 36	3.90	14.5	60+89.40	LT	ALTA LN (YELLOW)	24 X 12	2.00	
21+01.42	LT	R6-5P	30 X 30	6.25							
21+38.08	LT	W11-2	30 X 30	6.25	14.5						
21+38.08	LT	W16-7P	24 X 12	2.00							
23+27.07	LT	W3-2	30 X 30	6.25	14.5						
23+38.61	LT	R4-7	24 X 30	5.00	14.5						
25+29.76	LT	W2-6	30 X 30	6.25							
25+29.76	LT	W16-17P	24 X 12	2.00							
25+29.76	LT	RADNOR RD (YELLOW)	24 X 12	2.00							
ALTA LANE SUBTOTAL				175.60	261.0	RADNOR ROAD SUBTOTAL				131.60	203.0
TOTAL						TOTAL				307.20	464.0

SHOWN FOR INFORMATION ONLY



4.5" Radius, 1.0" Border, White on Green;
 [RADNOR] C; [ROAD] C;
 Standard Arrow Custom 13.4"x8.1" 45"



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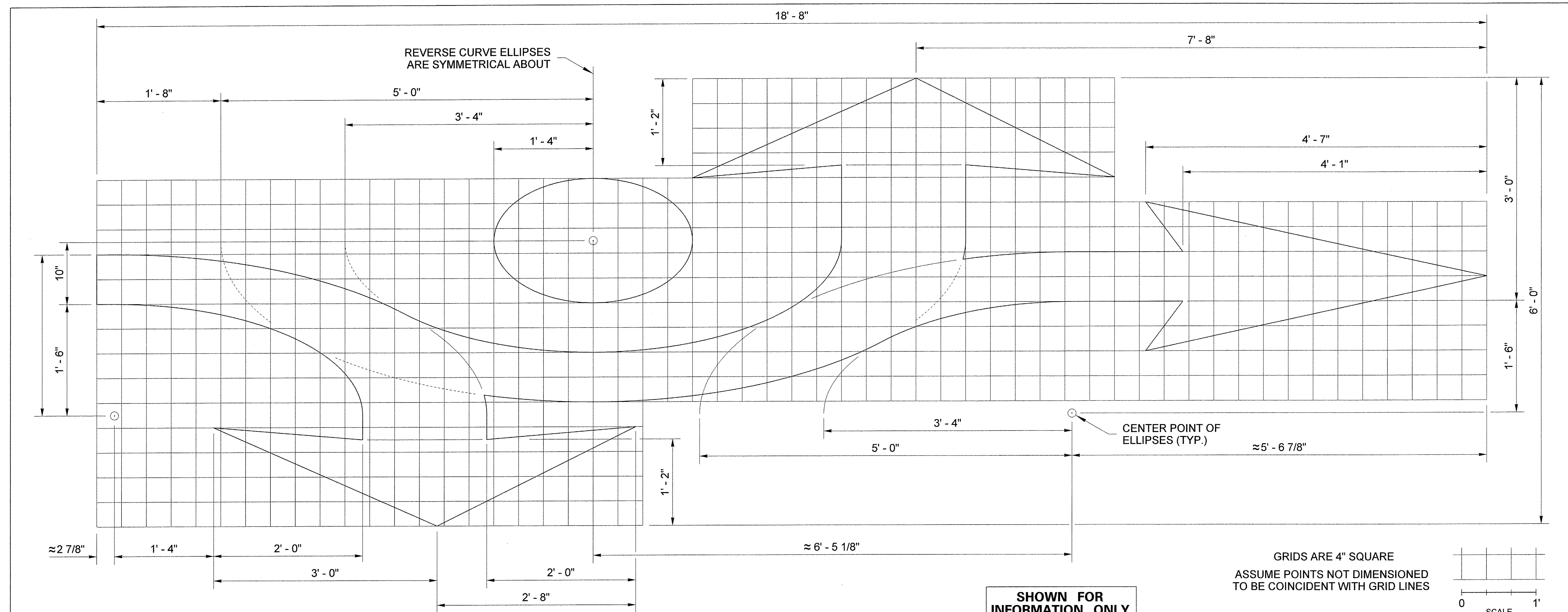


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

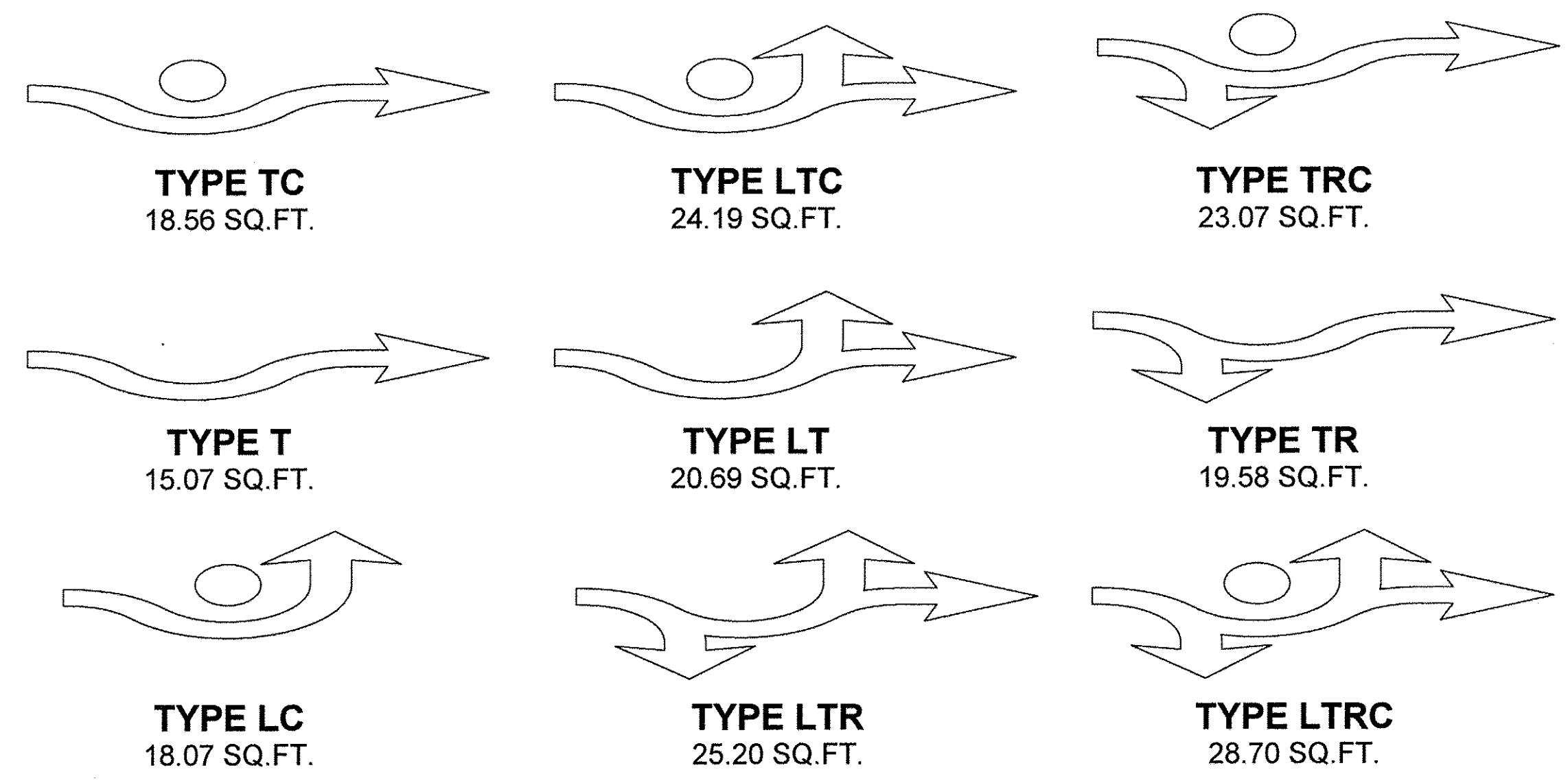
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F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 89572				
ILLINOIS FED. AID PROJECT				

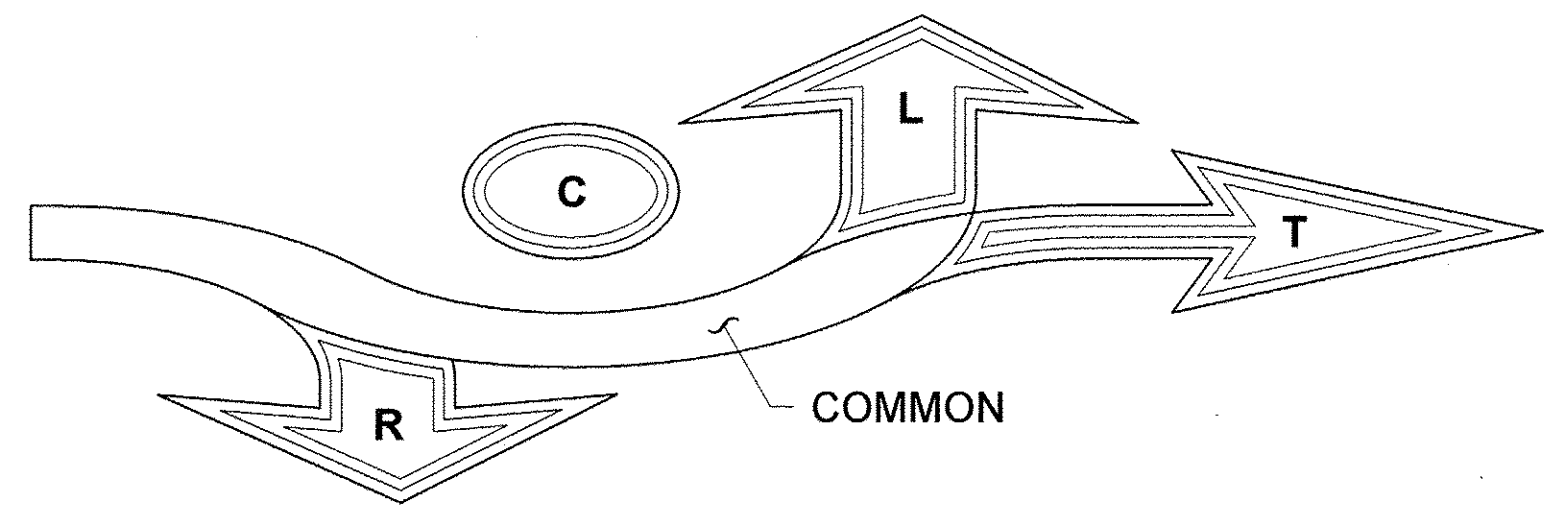


DETAIL

SHOWN FOR INFORMATION ONLY

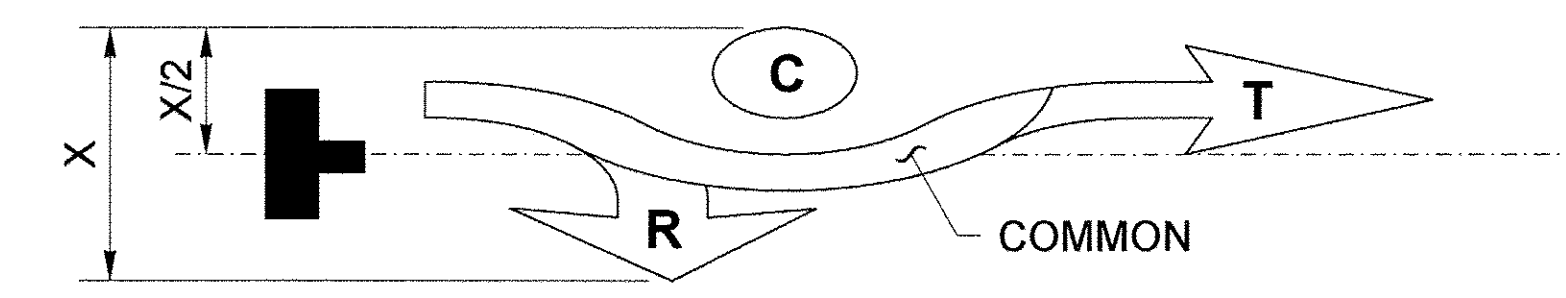


PAVEMENT MARKING ~ ROUNDABOUT TRAFFIC ARROW



COMPONENT KEY

THE LABELED AREAS ABOVE CORRESPOND TO THE PORTIONS NEEDED FOR EACH TYPE OF ROUNDABOUT TRAFFIC ARROW.
FOR EXAMPLE: THE ROUNDABOUT TRAFFIC ARROW TYPE TRC REQUIRES THE "COMMON", "T", "R", AND "C" AREAS.



ROUNDABOUT TRAFFIC ARROW TYPE TRC

CENTER THE ARROW ON THE LANE CENTERLINE BETWEEN THE LATERAL EXTREMITIES OF THAT ARROW TYPE.

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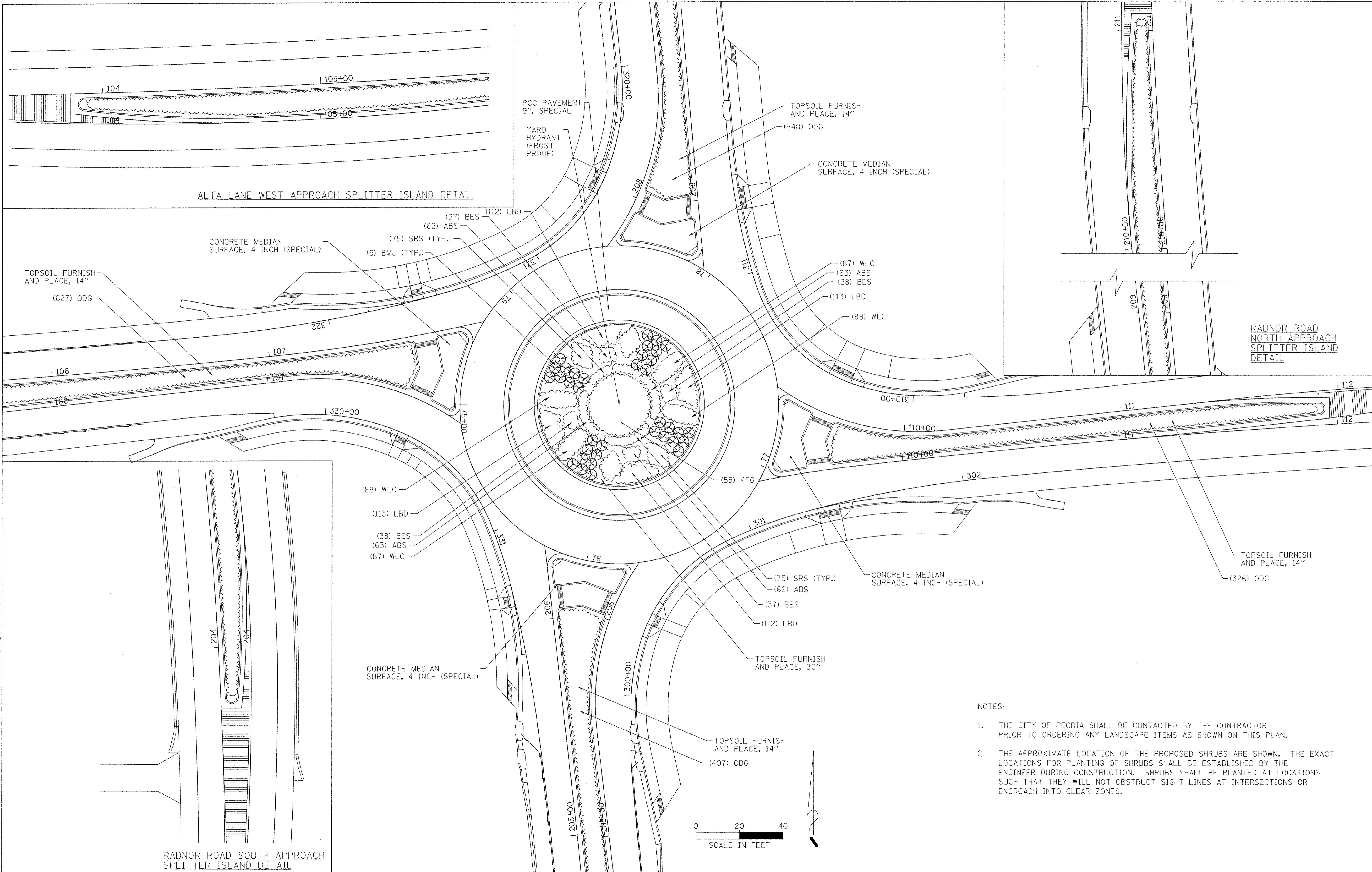
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALTA LANE /RADNOR ROAD INTERSECTION
ROUNDABOUT TRAFFIC ARROW DETAIL**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.
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F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	42
387	CONTRACT NO. 89572			
ILLINOIS FED. AID PROJECT				



ALTA LANE WEST APPROACH SPLITTER ISLAND DETAIL

RADNOR ROAD NORTH APPROACH SPLITTER ISLAND DETAIL

RADNOR ROAD SOUTH APPROACH SPLITTER ISLAND DETAIL

NOTES:

1. THE CITY OF PEORIA SHALL BE CONTACTED BY THE CONTRACTOR PRIOR TO ORDERING ANY LANDSCAPE ITEMS AS SHOWN ON THIS PLAN.
2. THE APPROXIMATE LOCATION OF THE PROPOSED SHRUBS ARE SHOWN. THE EXACT LOCATIONS FOR PLANTING OF SHRUBS SHALL BE ESTABLISHED BY THE ENGINEER DURING CONSTRUCTION. SHRUBS SHALL BE PLANTED AT LOCATIONS SUCH THAT THEY WILL NOT OBSTRUCT SIGHT LINES AT INTERSECTIONS OR ENCROACH INTO CLEAR ZONES.



FILE NAME = S:\237\2019\23710010 (4)to-Radnor-Intersection\CAD\CADD\CADD_Sheets\0489572-ah-Landscaping.dgn

MAURER-STUTZ
ENGINEERS SURVEYORS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

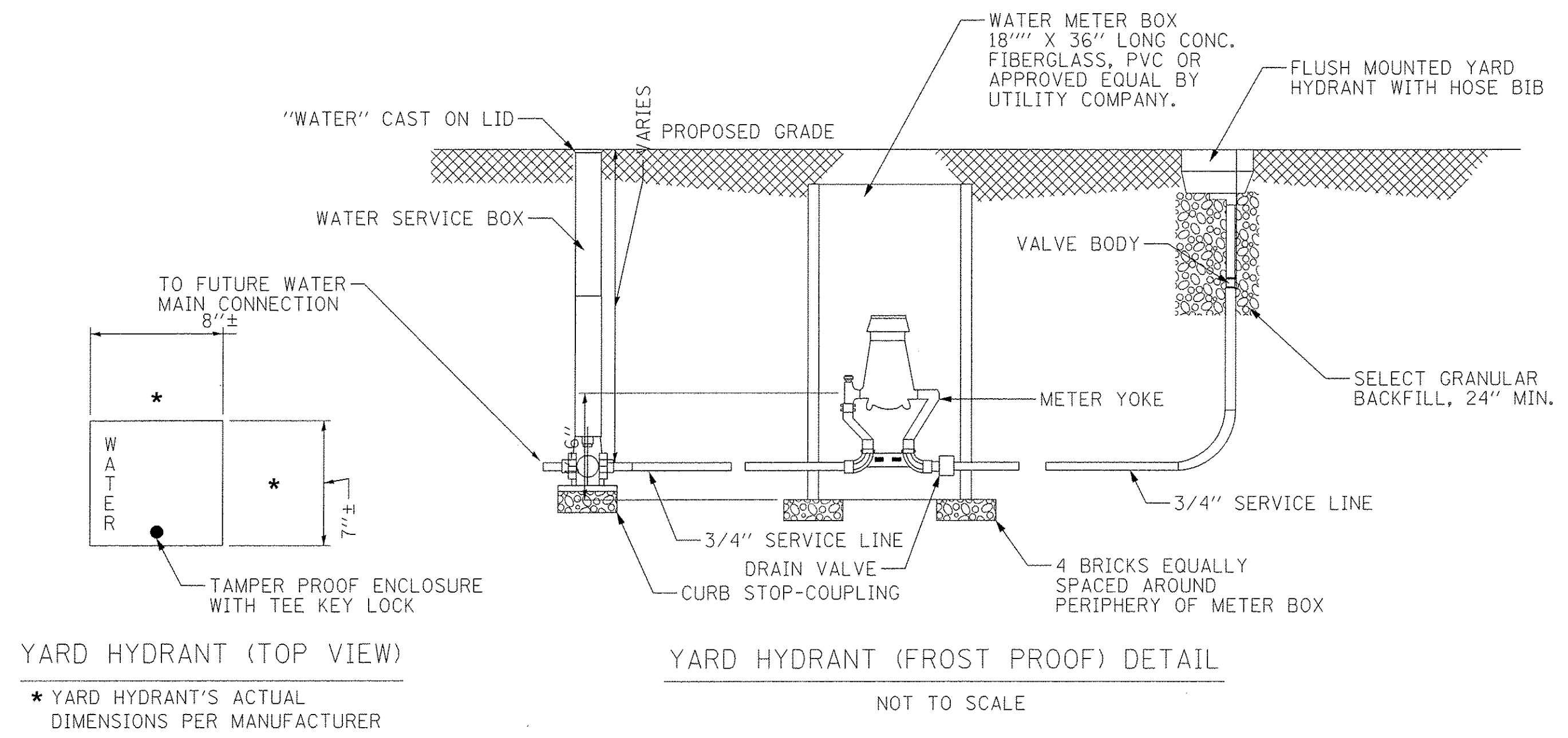
**ALTA LANE / RADNOR ROAD INTERSECTION
LANDSCAPING PLAN**

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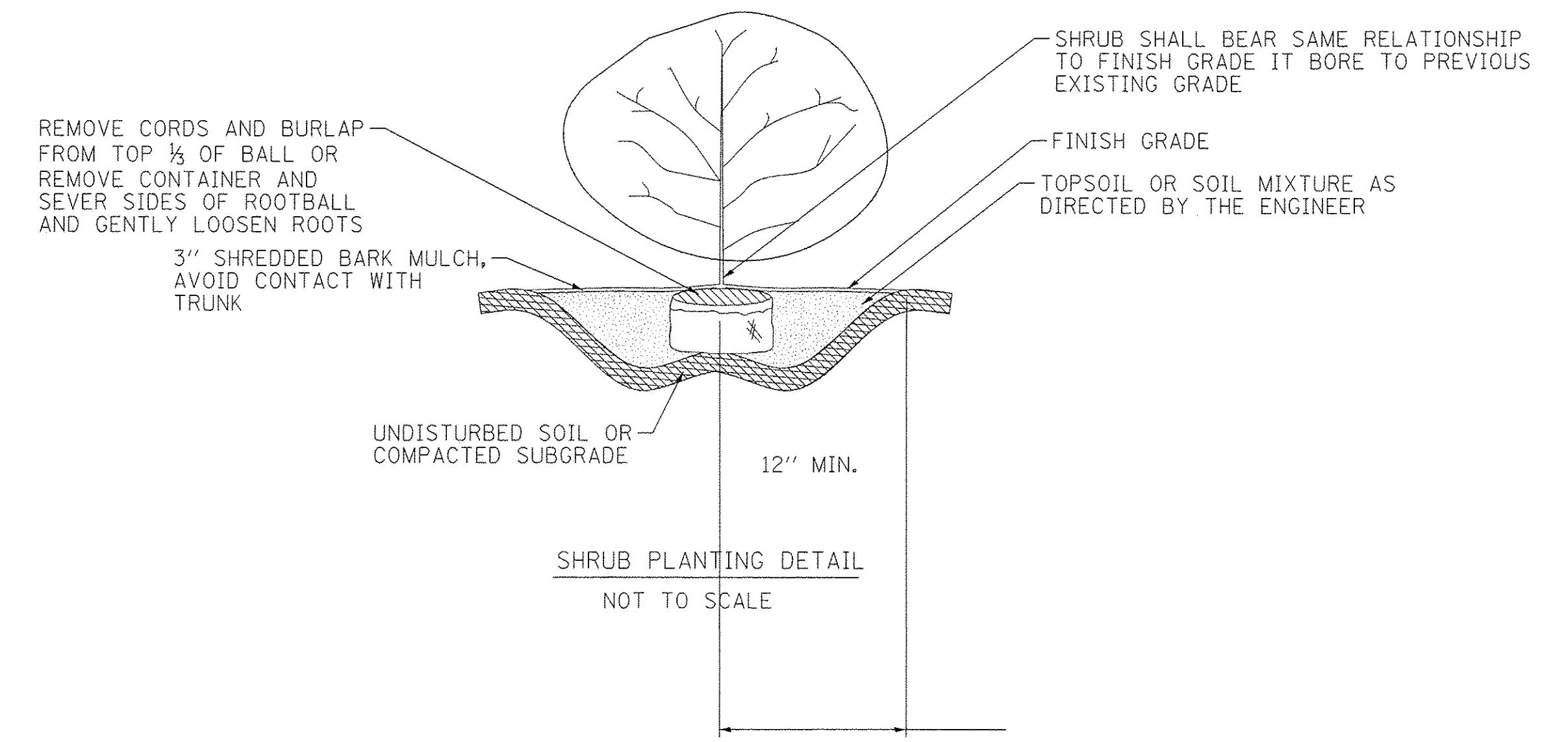
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387			CONTRACT NO. 89572	

ILLINOIS FED. AID PROJECT

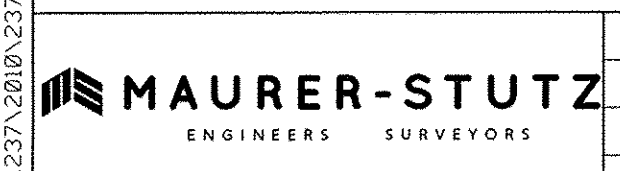
PLANT SCHEDULE							
GRASSES							
PAY ITEM	DESCRIPTION		SPACING	QTY	BOTANICAL NAME	COMMON NAME	SIZE
K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	ODG	21" O.C.	1900	Calamagrostis x acutiflora 'Overdam'	Overdam Feather Reed Grass	1 gal
K0012992	PERENNIAL PLANTS, ORNAMENTAL TYPE, 2-GALLON POT	KFG	36" O.C.	55	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	2 gal
SHRUBS							
PAY ITEM	DESCRIPTION		SPACING	QTY	BOTANICAL NAME	COMMON NAME	SIZE
C20154G5	SHRUB, JUNIPERUS VIRGINIANA BLUE MOUNTAIN, (BLUE MOUNTAIN JUNIPER), 5-GALLON	BMJ	60" O.C.	36	Shrub, Junipers Virginia Blue Mountain	Blue Mountain Juniper	5 gal
PERENNIALS							
PAY ITEM	DESCRIPTION		SPACING	QTY	BOTANICAL NAME	COMMON NAME	SIZE
K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	ABS	12" O.C.	250	Amsonia hubrichtii	Arkansas Blue-Star	1 gal
K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	LBD	12" O.C.	450	Hemerocallis x 'Little Business'	Little Business Daylily	1 gal
K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	WLC	12" O.C.	350	Nepeta x faassenii 'Walkers Low'	Walkers Low Catmint	1 gal
K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	SRS	12" O.C.	300	Perovskia atriplicifolia 'Little Spire'	Little Spire Russian Sage	1 gal
K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	BES	12" O.C.	150	Rudbeckia fulgida 'Goldsturm'	Goldsturm Black-eyed Susan	1 gal



THE COST OF CONSTRUCTING THE FLUSH MOUNTED YARD HYDRANT AS SHOWN SHALL BE PAID FOR AT THE CONTRACT PRICE EACH FOR YARD HYDRANT (FROST PROOF), THIS PRICE SHALL INCLUDE THE WATER SERVICE BOX, WATER METER BOX AND ALL OTHER NECESSARY EQUIPMENT AND LABOR FOR THE YARD HYDRANT AS SHOWN TO BE FULLY FUNCTIONAL ONCE WATER MAIN IS CONSTRUCTED AT A LATER DATE. NO ADDITIONAL COMPENSATION WILL BE ALLOWED, SEE THE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.



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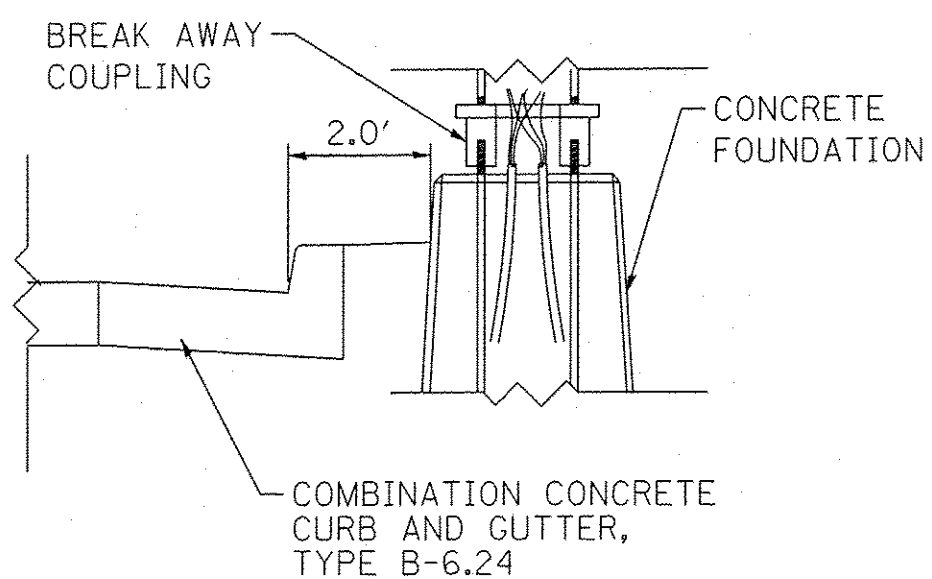


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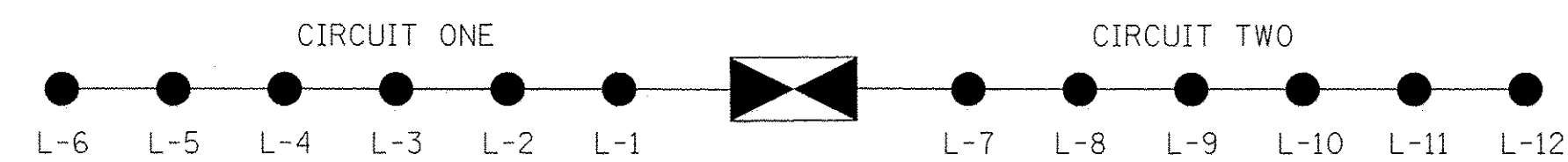
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALTA LANE /RADNOR ROAD INTERSECTION			
LANDSCAPING PLAN			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

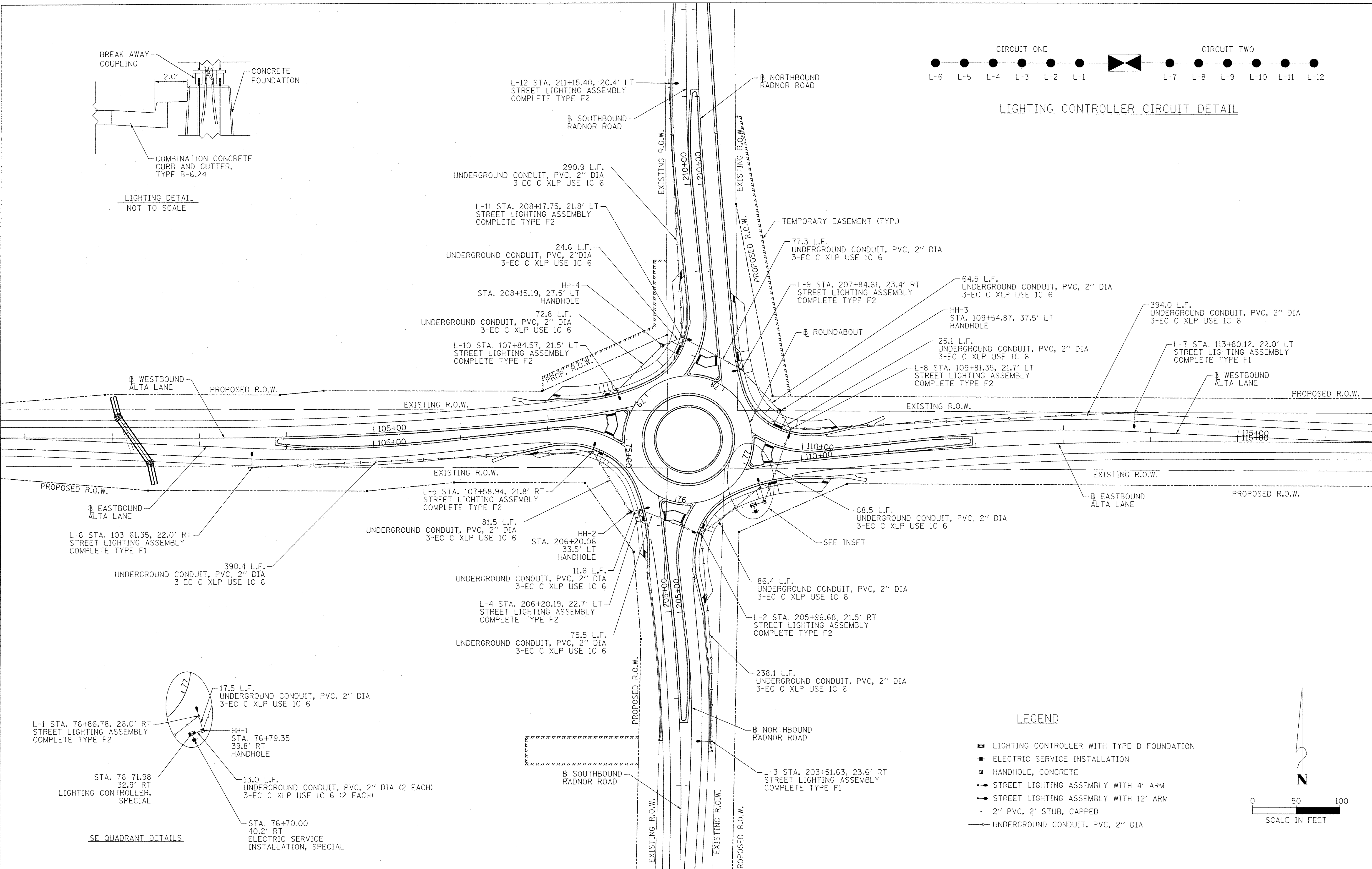
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381	09-00342-00-PW	PEORIA	72	44
387	CONTRACT NO. 89572			
ILLINOIS FED. AID PROJECT				



LIGHTING DETAIL
NOT TO SCALE



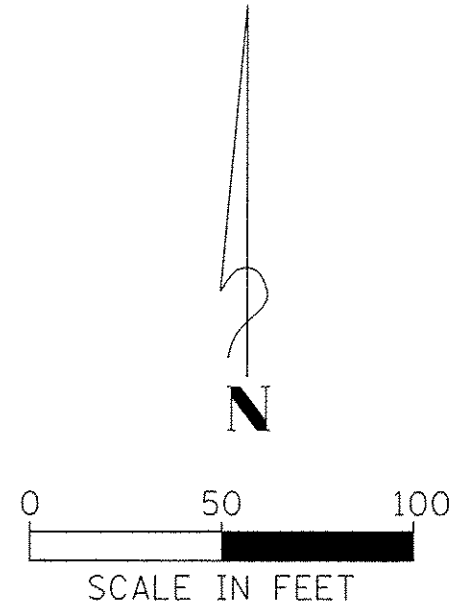
LIGHTING CONTROLLER CIRCUIT DETAIL



SE QUADRANT DETAILS

LEGEND

- LIGHTING CONTROLLER WITH TYPE D FOUNDATION
- ELECTRIC SERVICE INSTALLATION
- HANDHOLE, CONCRETE
- STREET LIGHTING ASSEMBLY WITH 4' ARM
- STREET LIGHTING ASSEMBLY WITH 12' ARM
- 2" PVC, 2' STUB, CAPPED
- UNDERGROUND CONDUIT, PVC, 2" DIA



FILE NAME = S:\237\2018\23710010 (A) to Radnor Intersection\CORD\C600 Sheets\0189572-sh1-Lighting.dgn

MAURER-STUTZ
ENGINEERS SURVEYORS

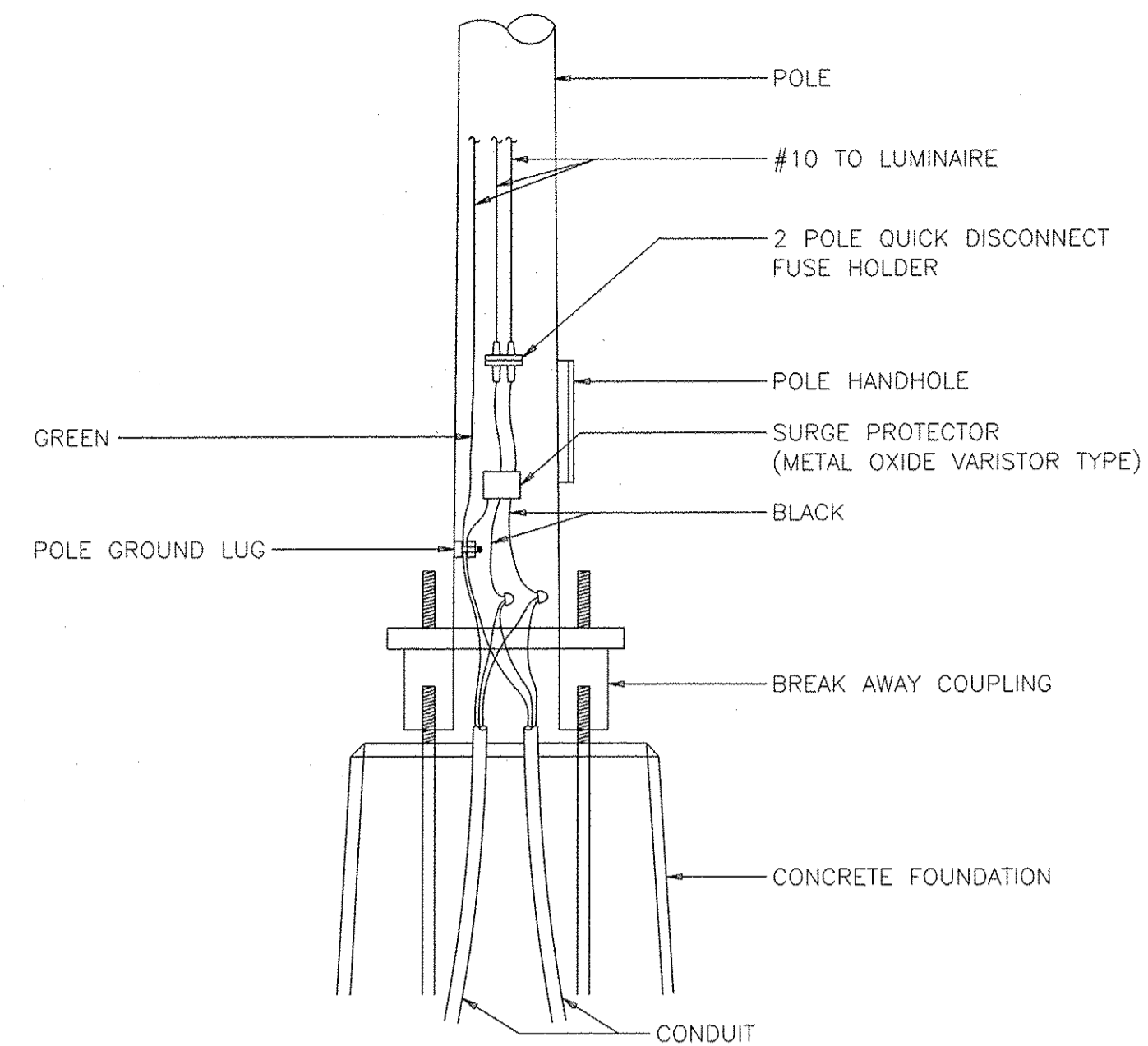
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANE /RADNOR ROAD INTERSECTION
LIGHTING DETAIL

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

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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387			CONTRACT NO. 89572	
ILLINOIS FED. AID PROJECT				

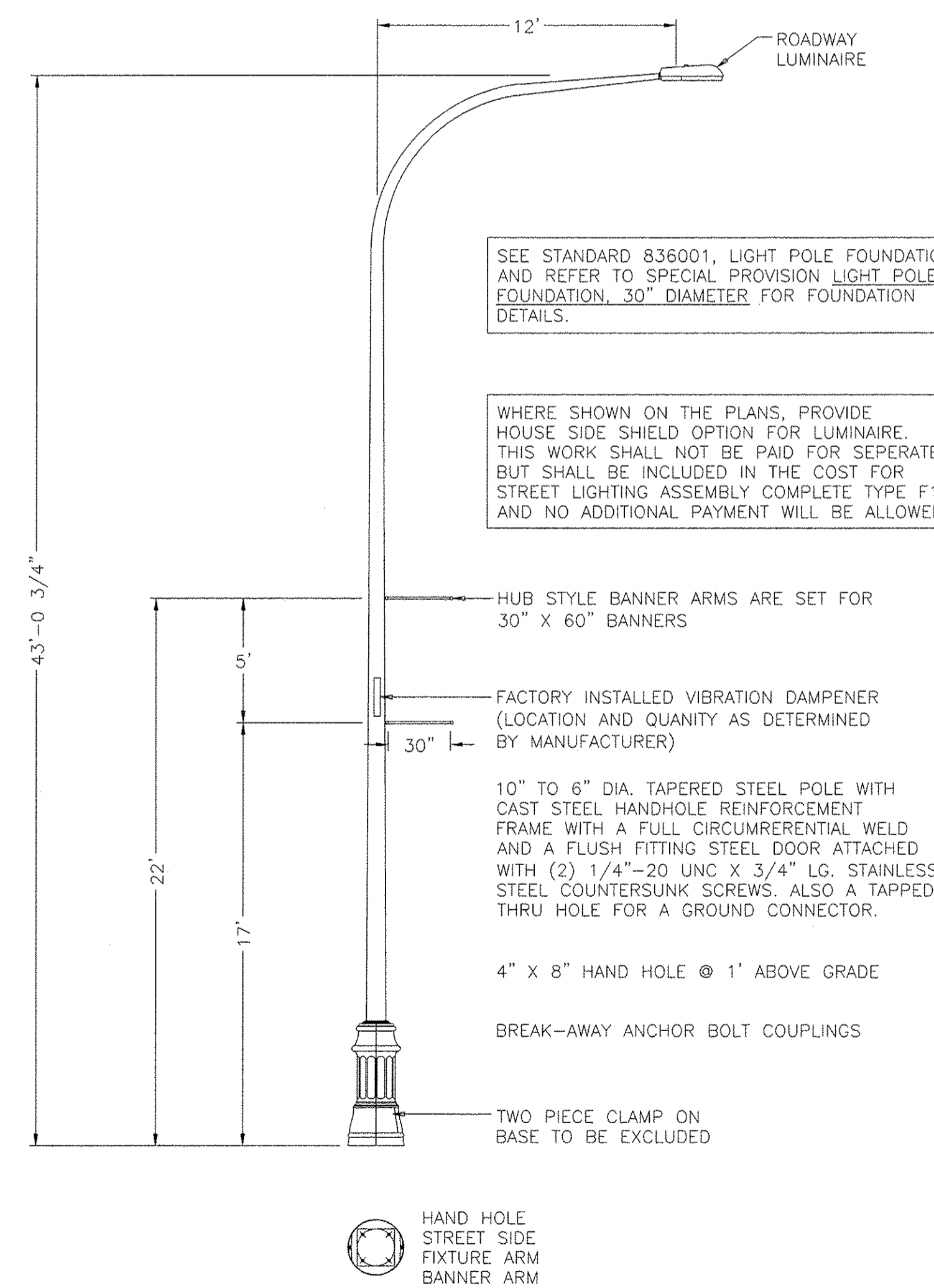


Wiring for Light Fixtures

Scale: Not To Scale

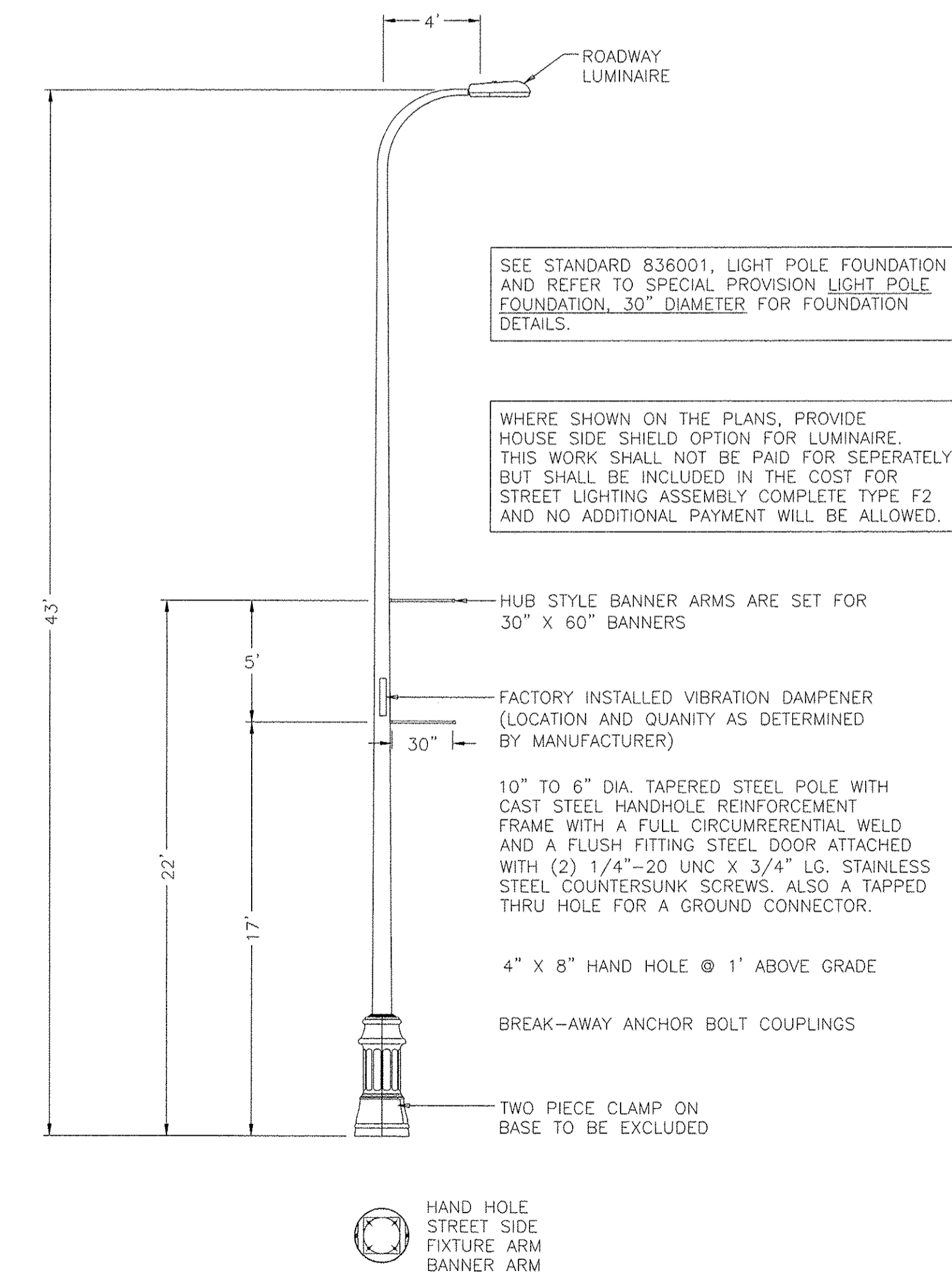
FIXTURE SCHEDULE							
FIXTURE NUMBER	POLE MANUFACTURER	POLE CATALOG NUMBER	LUMINAIRE MANUFACTURER	LUMINAIRE CATALOG NUMBER	LAMP TYPE	VOLTAGE	DESCRIPTION
F1	STERNBERG	DA12 7940SRTS	GENERAL ELECTRIC	ERS3 0 NX EX 5 57 1 BLACK	400W EQ LED	480	DAVIT ARM POLE, FULL CUTOFF LUMINAIRE, FINISH BLACK, PROVIDE HOUSE SHIELD OPTION WHERE SHOWN ON PLANS
F2	STERNBERG	DA4 7940SRTS	GENERAL ELECTRIC	ERS3 0 NX EX 5 57 1 BLACK	400W EQ LED	480	DAVIT ARM POLE, FULL CUTOFF LUMINAIRE, FINISH BLACK

NOTES:
 1. ENGINEER APPROVED EQUAL PER SPECIAL PROVISION REQUIREMENTS.
 2. THE DECORATIVE BASE SHALL BE OMITTED.



Lighting Fixture Type "F1"

Scale: Not To Scale



Lighting Fixture Type "F2"

Scale: Not To Scale

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANE /RADNOR ROAD INTERSECTION
LIGHTING DETAIL

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

F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	46
CONTRACT NO. 89572			ILLINOIS FED. AID PROJECT	

BOX CULVERT END SECTIONS

GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. This work will be measured for payment as each, with each end of each culvert being one each. End sections will be paid for at the contract unit price per each for Box Culvert End Sections of the culvert number specified.

Typical box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements of ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

Number of segments shown in Side Elevation is for example only. Length and number of precast box sections required to construct Box Culvert End Sections shall be determined by the Contractor.

**See roadway plans for embankment slope (V:H). The Slope Must Match.

1" ϕ anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2 1/4" x 2 1/4" x 5/16" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional 1/2 turn on one of the nuts. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

All costs associated with furnishing and installing or constructing the geotextile fabric, toewall, and culvert ties will not be measured for payment but shall be included in the contract unit price for Box Culvert End Sections of the culvert number specified.

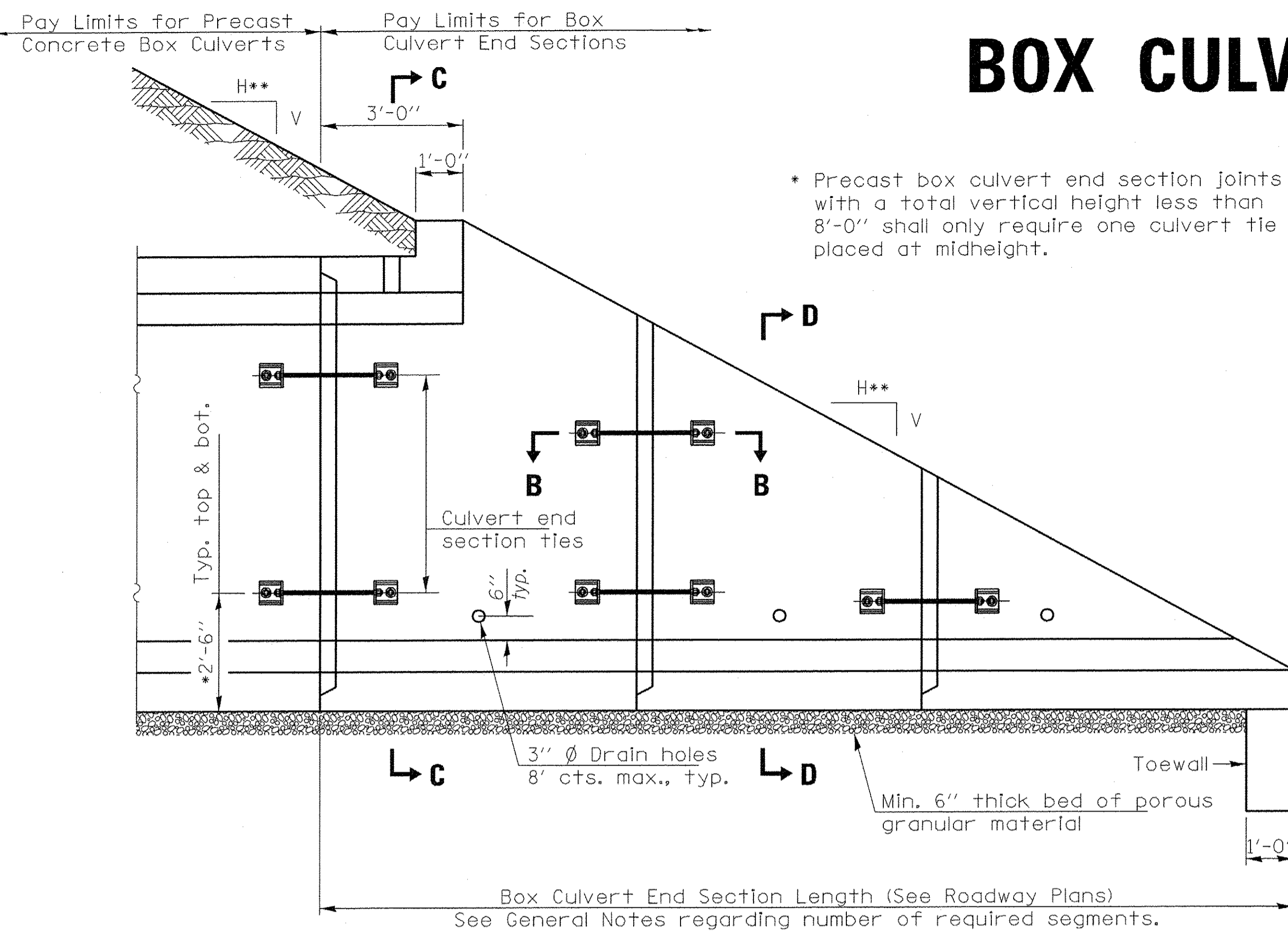
Reinforcement bars designated (E) shall be epoxy coated.

Drain holes shall conform to the requirements of Article 503.11 of the Standard Specifications unless noted otherwise.

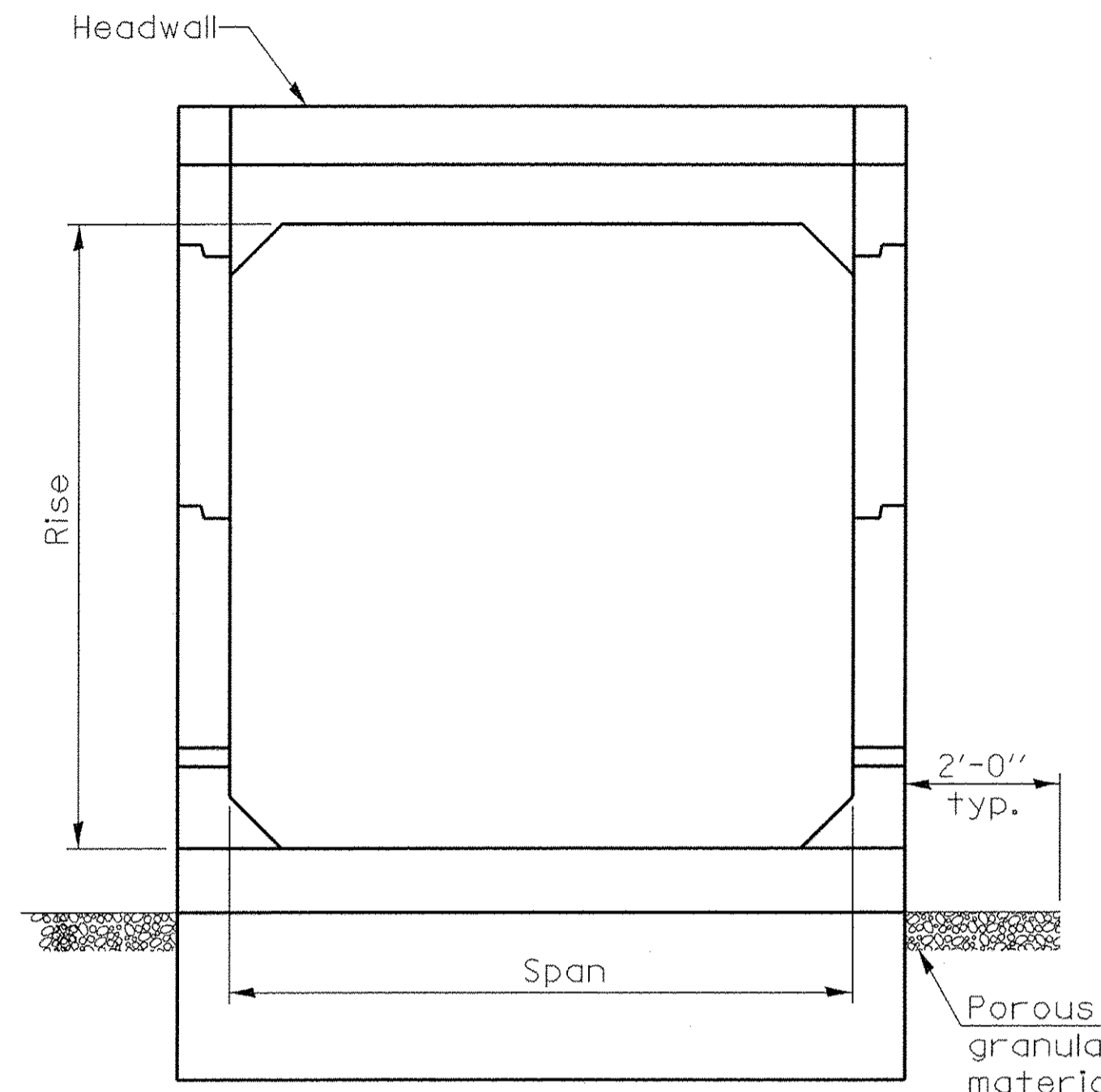
Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01. The minimum weight of the fabric shall be 6 oz. / sq. yd..

For end sections with traversable pipe grate systems, see Highway Standard 542311 for required modifications.

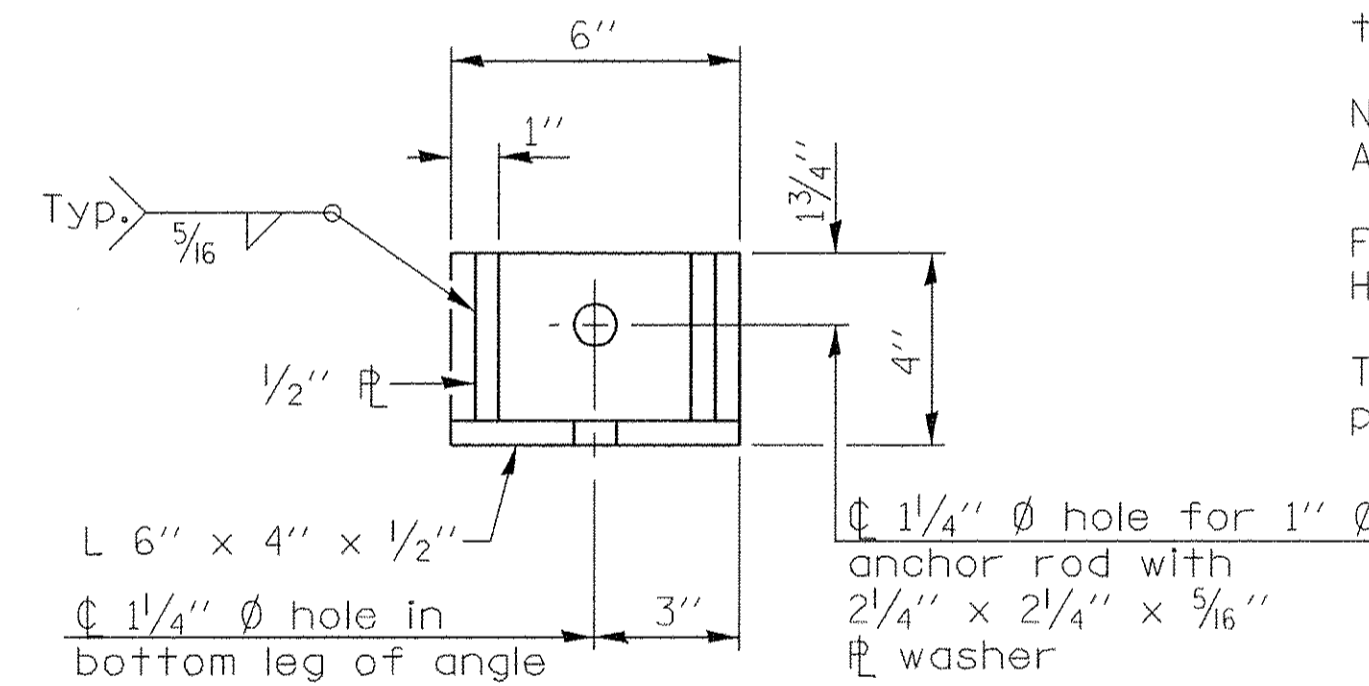
This standard can be used for either cross drainage structures or parallel drainage structures.



ELEVATION



END VIEW



RESTRAINT ANGLE DETAIL

12" x 12" block of CA5, CA7, or CA11 coarse aggregate placed over drain opening. Block of aggregate shall be completely wrapped in nonwoven geotextile fabric.

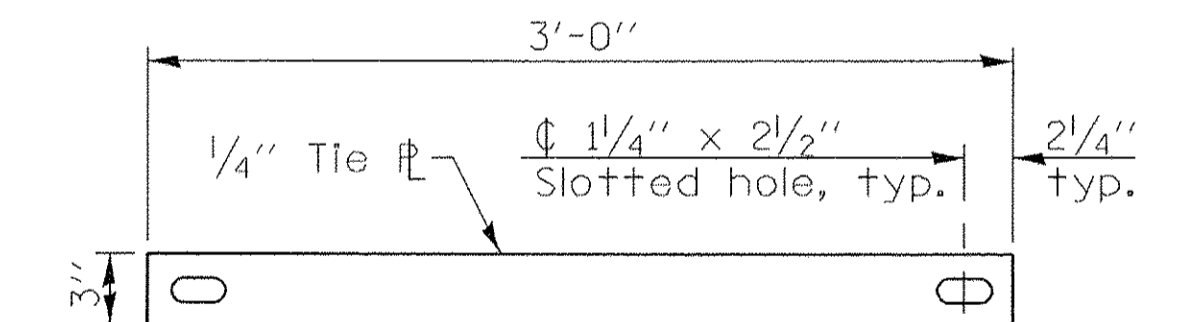
Provide a double layer of 12" x 12" nonwoven geotextile fabric centered over the drain hole. Fabric shall be sealed to the concrete with mastic.

3" ϕ PVC drain cast with the concrete (Adjust location to clear reinforcement).

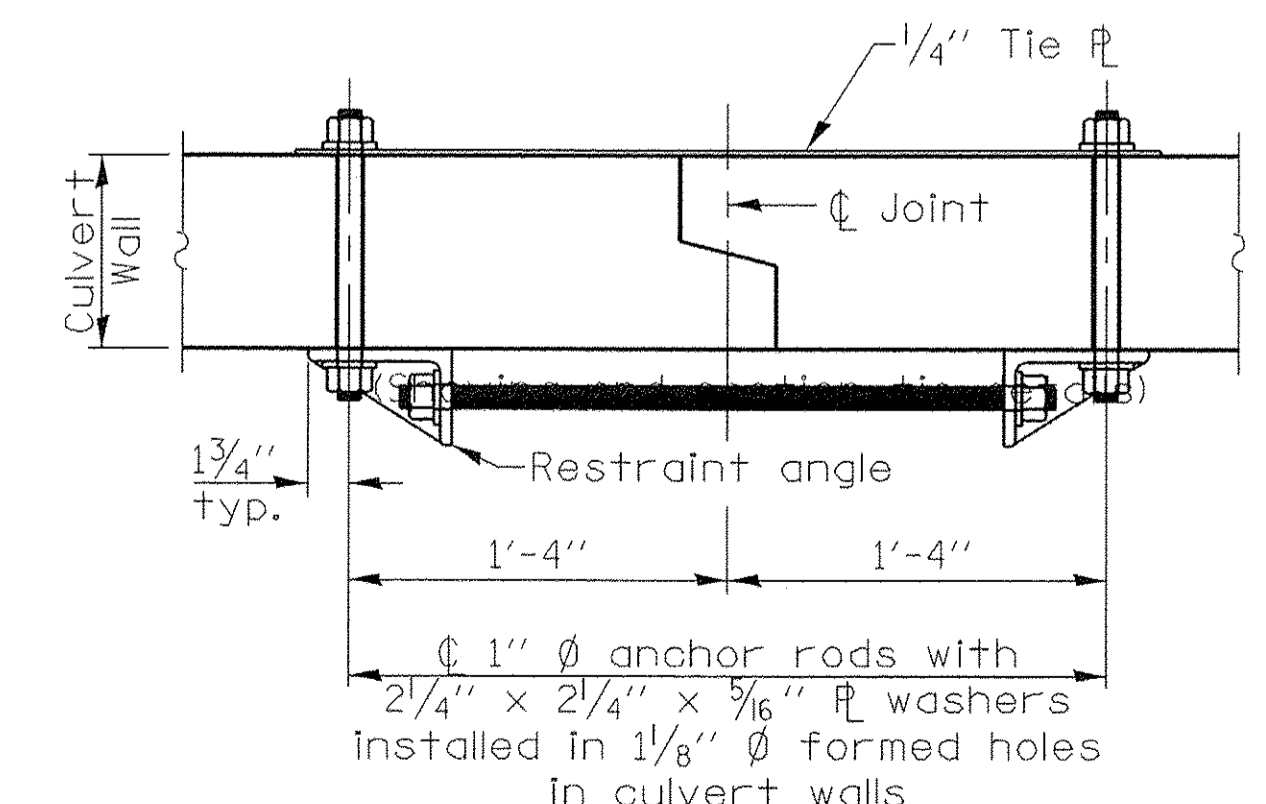
1/2" Square foam blockout around PVC drain (to be removed with formwork)

SECTION A-A

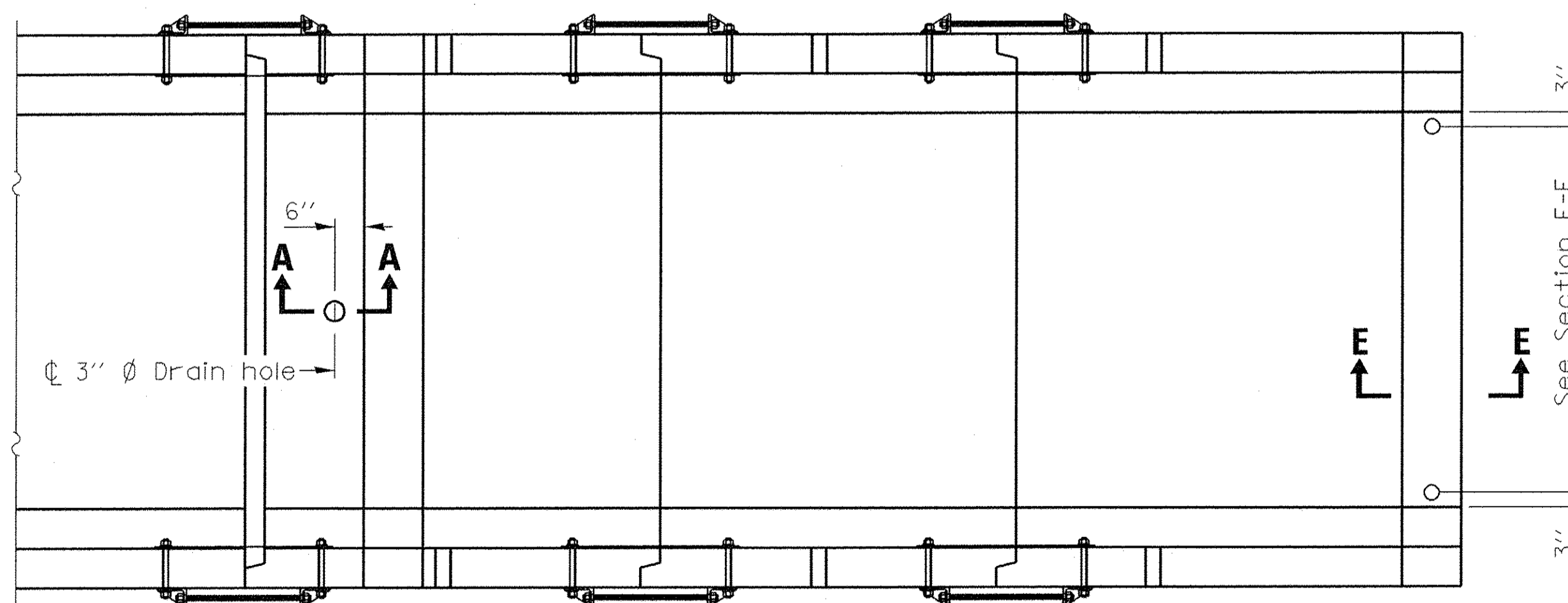
(All costs associated with furnishing and constructing the above drain details will not be measured for payment but shall be included in the contract unit price for the end section.)



TIE PLATE DETAIL



SECTION B-B



PLAN

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MAURER-STUTZ
ENGINEERS SURVEYORS

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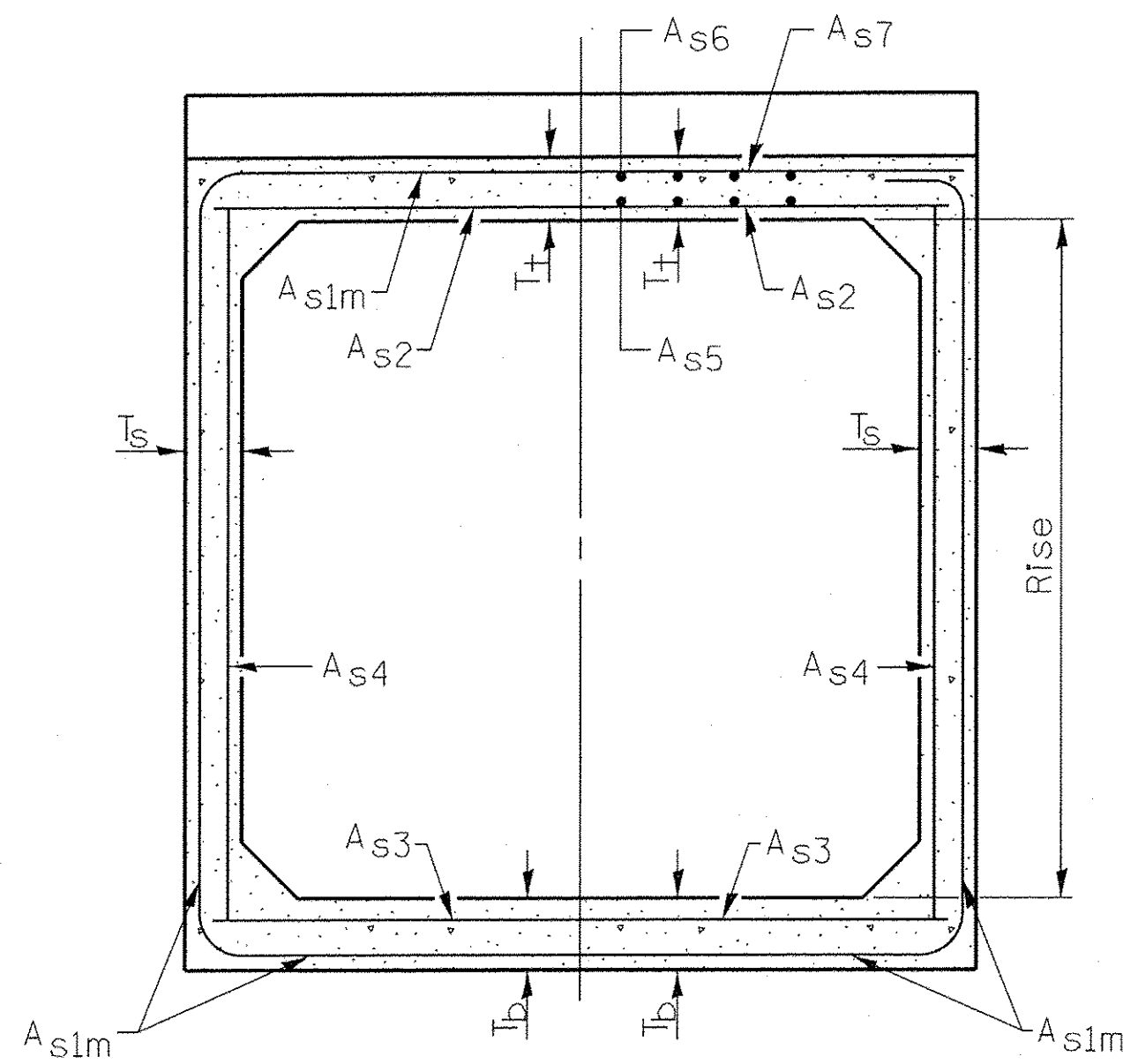
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANE /RADNOR ROAD INTERSECTION
SINGLE CELL PRECAST BOX CULVERT END SECTIONS WITH PIPE GRATES

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

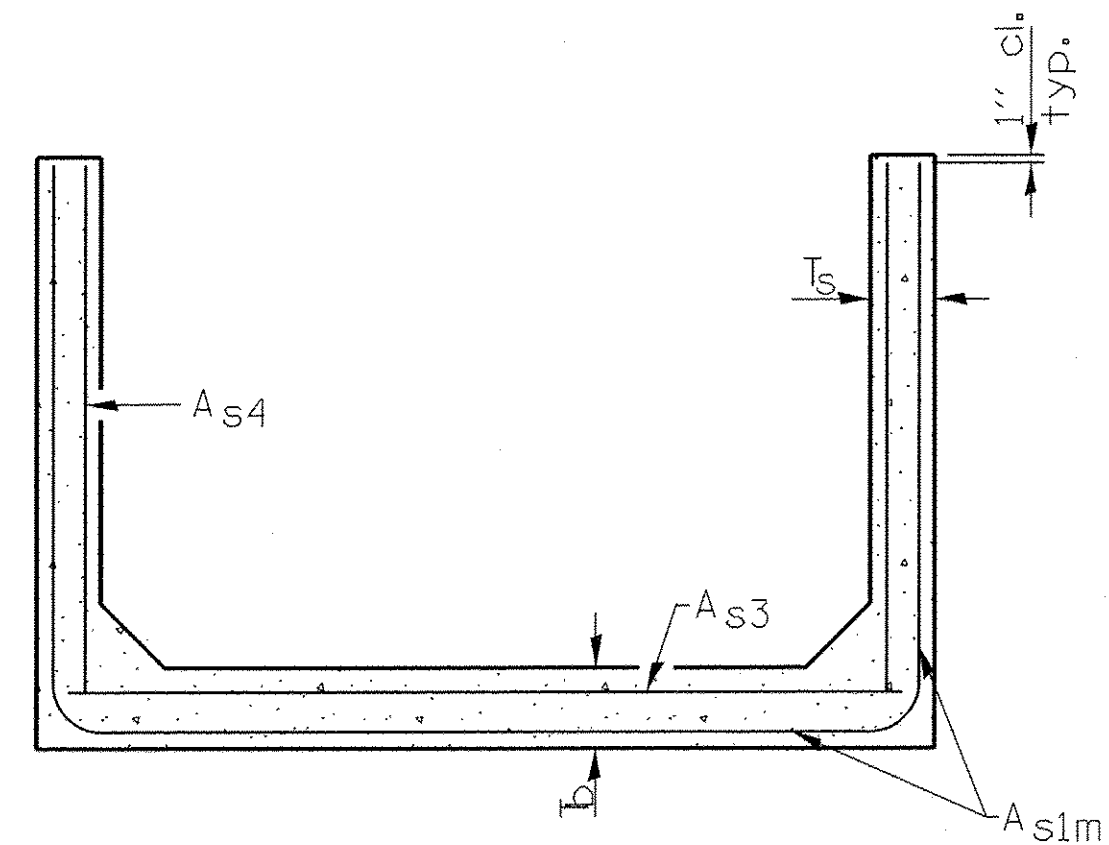
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387			CONTRACT NO. 89572	
ILLINOIS FED. AID PROJECT				

BOX CULVERT END SECTIONS

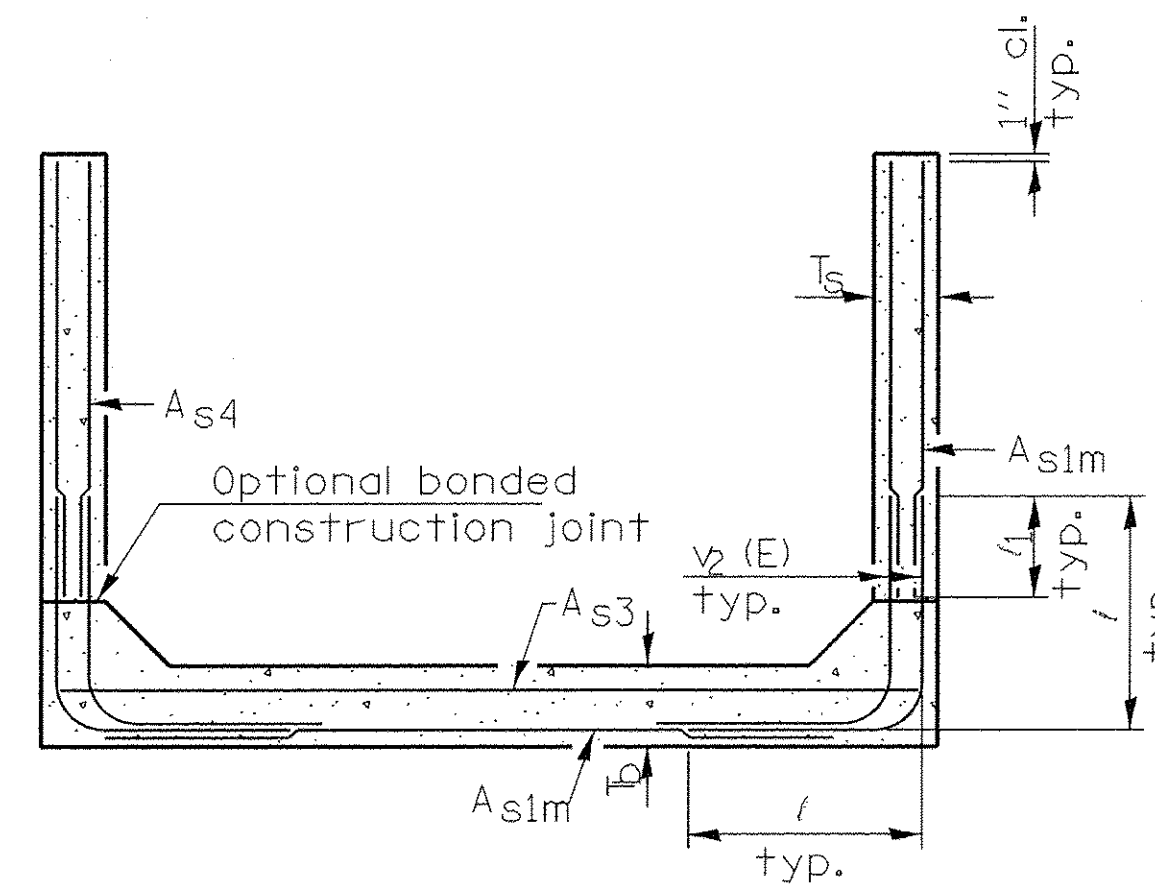


(Design Earth Cover < 2 ft.) (Design Earth Cover > 2 ft.)

SECTION C-C



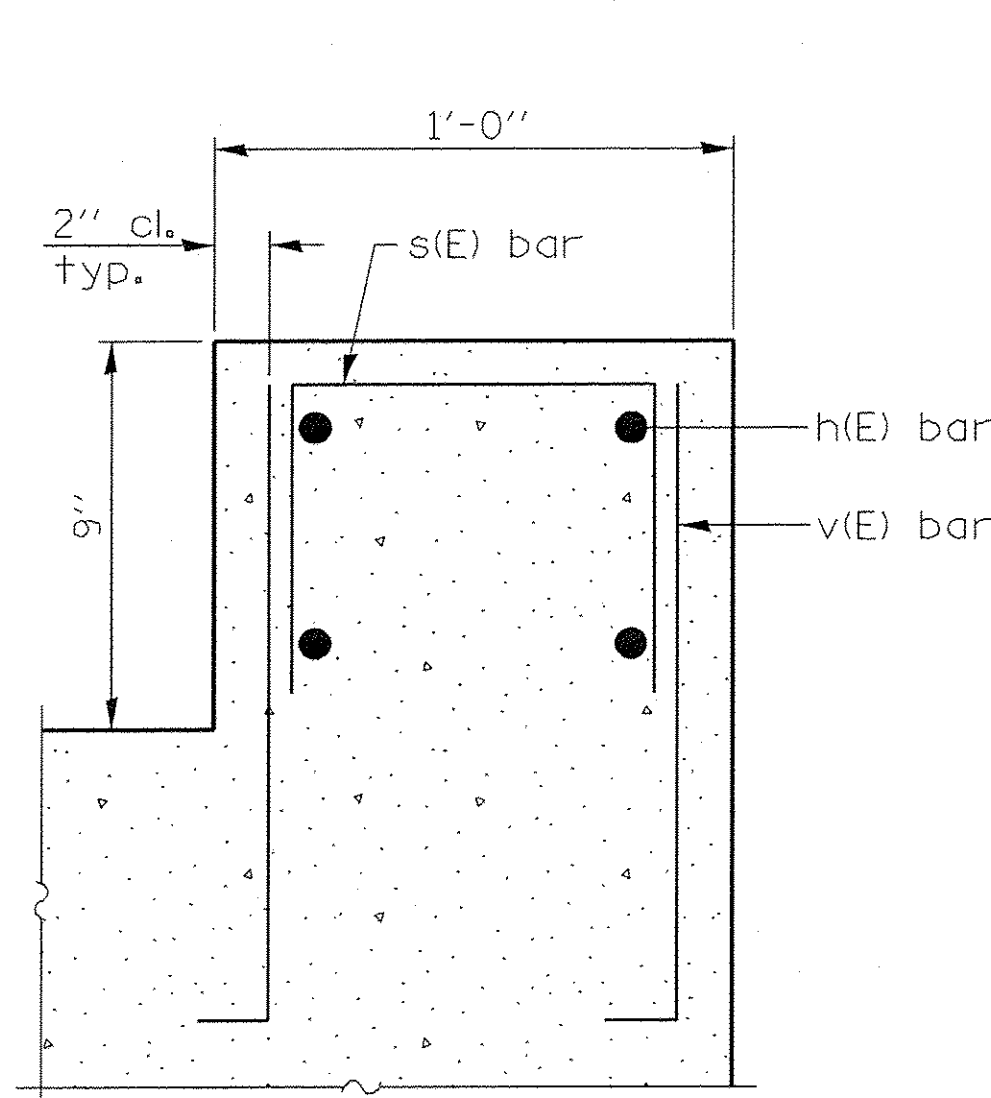
SECTION D-D



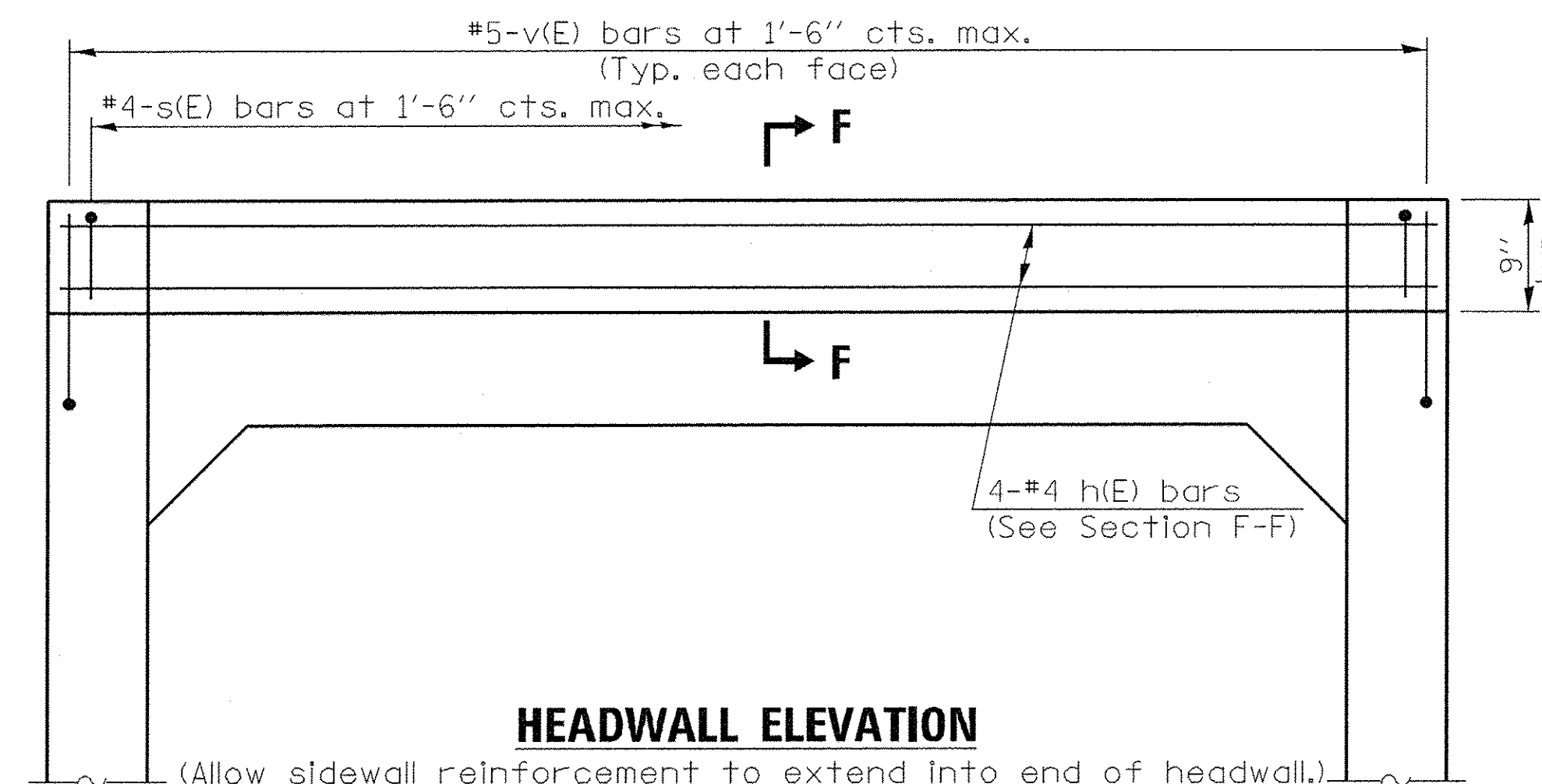
ALTERNATE SECTION D-D

Rise (ft.) T(in.), Ts (in.)	Reinforcing Steel A_{s1m} (in. ² /ft.)											
	2	3	4	5	6	7	8	9	10	11	12	
4	0.19	0.17										
5	0.26	0.21	0.18									
6		0.26	0.23	0.22								
7		0.33	0.59	0.27	0.28							
8			0.43	0.39	0.36	0.34	0.40					
9				0.43	0.40	0.37	0.36	0.48				
10				0.47	0.44	0.41	0.38	0.42	0.56			
11			0.54		0.46		0.41		0.50	0.65		
12			0.58		0.50		0.45		0.46		0.75	

(A_{s1m} reinforcement based upon welded wire fabric conforming to AASHTO M 55 or M 221).



SECTION F-F



HEADWALL ELEVATION

l1 DIMENSION

- #3 bar = 2'-0"
- #4 bar = 2'-8"
- #5 bar = 3'-4"
- #6 bar = 3'-11"

Notes:
Alternate Section D-D is provided to allow the Contractor the option of casting the bottom slab of the end section first followed by construction of the sidewalls using conventional forming methods. Shop drawings that detail slab thickness and reinforcement layout shall be submitted to the Engineer for review and approval when using Alternate Section D-D.

The size and spacing of the v_2 (E) bars shall provide a minimum reinforcement area along each face of the walls (in.²/ft.) equal to $1.10 \cdot (A_{s1m})$. v_2 (E) bars may consist of #3 thru #6 size reinforcement bars and the longitudinal spacing shall not exceed the lesser of the wall thickness or 8 inches.

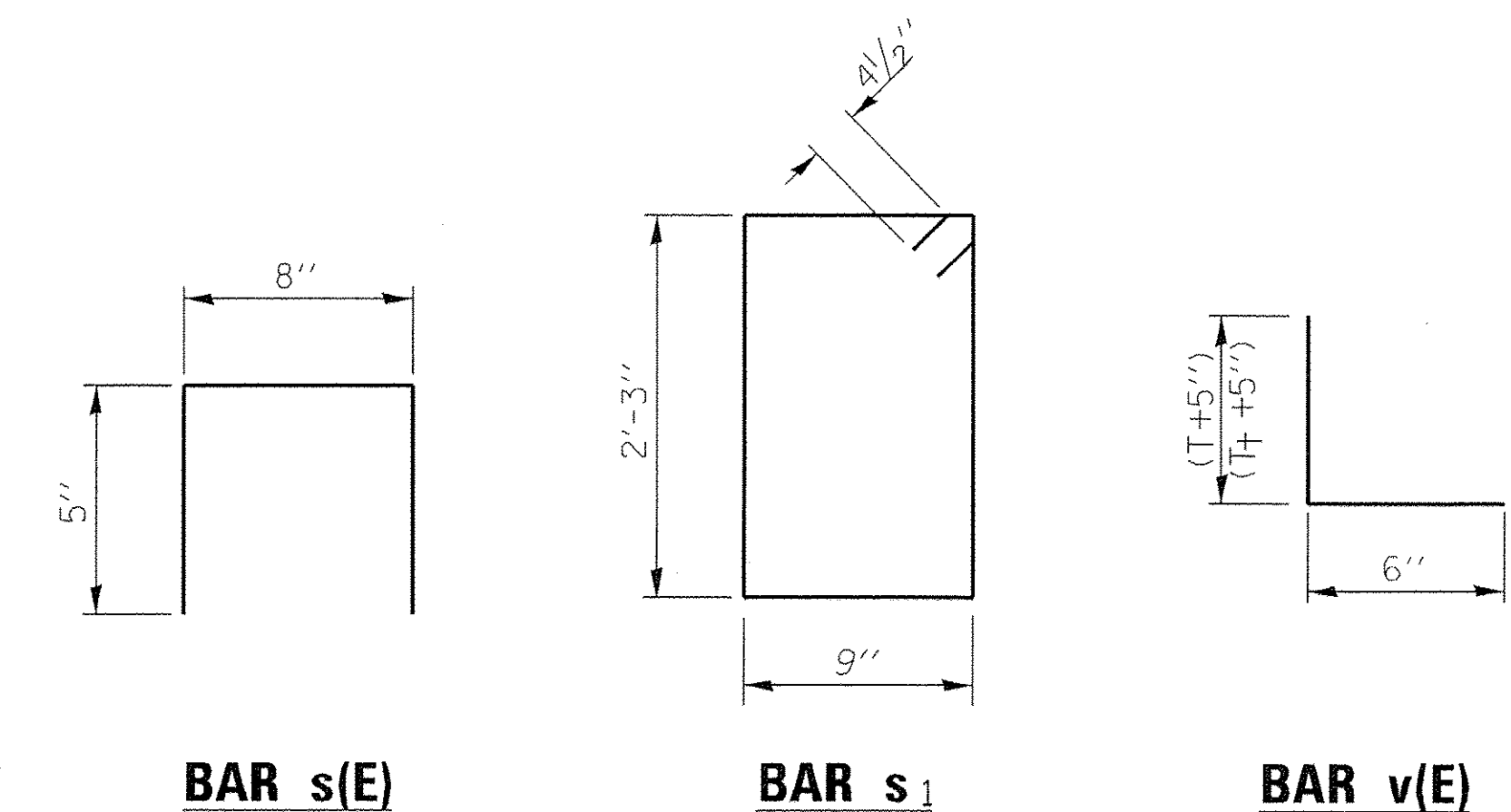
Bonded construction joints shall be prepared according to Article 503.09 of the Standard Specifications.

TOEWALL CONSTRUCTION SEQUENCE

1. Perform excavation and construct toewall.
2. Backfill according to the applicable paragraphs of Article 502.10 of the Standard Specifications and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and grout reinforcement in toewall using approved chemical adhesive in accordance with Section 1027 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 of the Standard Specifications.

* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling the method.

** If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.



BAR s(E)

BAR s1

BAR v(E)

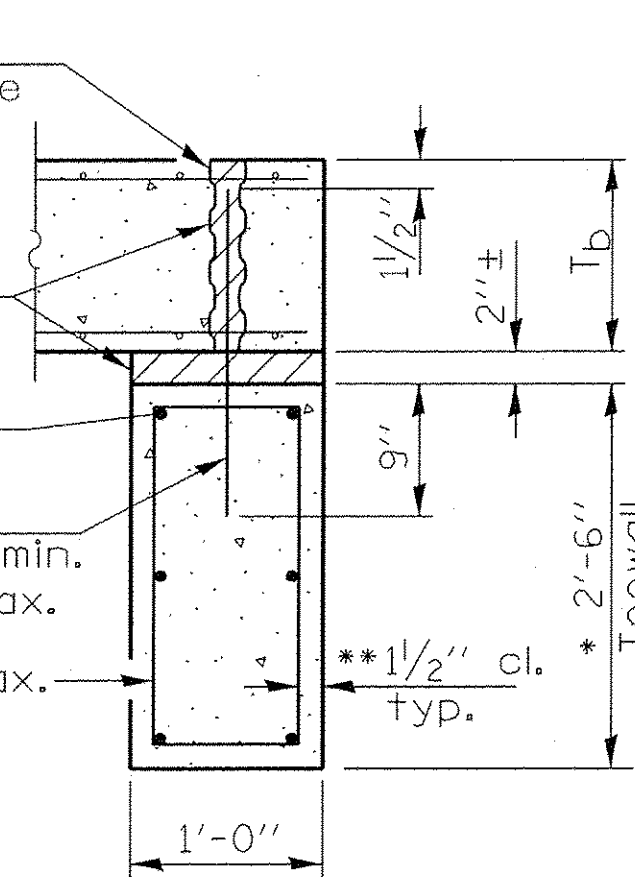
3" \emptyset corrugated PE pipe per Article 1040.04 of the Standard Specifications.

Fill with non-shrink grout

6-#5 h bars placed as shown

#4 v (E) bars drilled and grouted into toewall in 9" min. deep holes at 1'-6" cts., max.

#4 s bars at 1'-0" cts., max.



SECTION E-E

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TRAVERSABLE PIPE GRATE FOR BOX CULVERT END SECTIONS

PIPE-GRATE SCHEDULE FOR BOX CULVERT END SECTIONS

GENERAL NOTES

For layout of traversable pipe grate system, see Highway Standard 542311.

This table is only to be used for cross drainage structures.

Precast Box Culvert Dimensions			Slope of End Section								
			1:3			1:4			1:6		
			Main Pipe No. / Length	Int. Support No. / Length	Total Length of Pipe	Main Pipe No. / Length	Int. Support No. / Length	Total Length of Pipe	Main Pipe No. / Length	Int. Support No. / Length	Total Length of Pipe
S (ft)	R (ft)	T _r (in)									
4	2	7.5	1 @ 8'-10"	N/A	8'-10"	1 @ 11'-7"	N/A	11'-7"	1 @ 17'-2"	N/A	17'-2"
4	2	5	1 @ 8'-2"	N/A	8'-2"	1 @ 10'-8"	N/A	10'-8"	1 @ 15'-11"	N/A	15'-11"
4	3	7.5	1 @ 12'-0"	N/A	12'-0"	1 @ 15'-8"	N/A	15'-8"	1 @ 23'-3"	1 @ 3'-7"	26'-10"
4	3	5	1 @ 11'-4"	N/A	11'-4"	1 @ 14'-10"	N/A	14'-10"	1 @ 22'-0"	1 @ 3'-7"	25'-7"
4	4	7.5	1 @ 15'-2"	N/A	15'-2"	1 @ 19'-10"	1 @ 3'-7"	23'-5"	1 @ 29'-4"	2 @ 3'-7"	36'-6"
4	4	5	1 @ 14'-6"	N/A	14'-6"	1 @ 18'-11"	N/A	18'-11"	1 @ 28'-1"	2 @ 3'-7"	35'-3"
5	2	8	1 @ 8'-11"	N/A	8'-11"	1 @ 11'-9"	N/A	11'-9"	1 @ 17'-5"	N/A	17'-5"
5	2	6	1 @ 8'-5"	N/A	8'-5"	1 @ 11'-1"	N/A	11'-1"	1 @ 16'-5"	N/A	16'-5"
5	3	8	1 @ 12'-1"	N/A	12'-1"	1 @ 15'-10"	N/A	15'-10"	1 @ 23'-6"	1 @ 4'-7"	28'-1"
5	3	6	1 @ 11'-7"	N/A	11'-7"	1 @ 15'-2"	N/A	15'-2"	1 @ 22'-6"	1 @ 4'-7"	27'-1"
5	4	8	1 @ 15'-3"	N/A	15'-3"	1 @ 20'-0"	1 @ 4'-7"	24'-7"	1 @ 29'-7"	2 @ 4'-7"	38'-9"
5	4	6	1 @ 14'-9"	N/A	14'-9"	1 @ 19'-3"	N/A	19'-3"	1 @ 28'-7"	2 @ 4'-7"	37'-9"
5	5	8	1 @ 18'-5"	N/A	18'-5"	1 @ 24'-1"	2 @ 4'-7"	33'-3"	1 @ 35'-8"	3 @ 4'-7"	49'-5"
5	5	6	1 @ 17'-11"	N/A	17'-11"	1 @ 23'-5"	1 @ 4'-7"	28'-0"	1 @ 34'-8"	2 @ 4'-7"	43'-10"
6	2	8	2 @ 8'-11"	N/A	17'-10"	2 @ 11'-9"	N/A	23'-6"	2 @ 17'-5"	N/A	34'-10"
6	2	7	2 @ 8'-8"	N/A	17'-4"	2 @ 11'-5"	N/A	22'-10"	2 @ 16'-11"	N/A	33'-10"
6	3	8	2 @ 12'-1"	N/A	24'-2"	2 @ 15'-10"	N/A	31'-8"	2 @ 23'-6"	1 @ 5'-7"	52'-7"
6	3	7	2 @ 11'-10"	N/A	23'-8"	2 @ 15'-6"	N/A	31'-0"	2 @ 23'-0"	1 @ 5'-7"	51'-7"
6	4	8	2 @ 15'-3"	N/A	30'-6"	2 @ 20'-0"	1 @ 5'-7"	45'-7"	2 @ 29'-7"	2 @ 5'-7"	70'-4"
6	4	7	2 @ 15'-0"	N/A	30'-0"	2 @ 19'-8"	1 @ 5'-7"	44'-11"	2 @ 29'-1"	2 @ 5'-7"	69'-4"
6	5	8	2 @ 18'-5"	N/A	36'-10"	2 @ 24'-1"	2 @ 5'-7"	59'-4"	2 @ 35'-8"	3 @ 5'-7"	88'-1"
6	5	7	2 @ 18'-2"	N/A	36'-4"	2 @ 23'-9"	2 @ 5'-7"	58'-8"	2 @ 35'-2"	2 @ 5'-7"	81'-6"
6	6	8	2 @ 21'-7"	1 @ 5'-7"	48'-9"	2 @ 28'-3"	2 @ 5'-7"	67'-8"	2 @ 41'-9"	3 @ 5'-7"	100'-3"
6	6	7	2 @ 21'-4"	1 @ 5'-7"	48'-3"	2 @ 27'-11"	2 @ 5'-7"	67'-0"	2 @ 41'-3"	3 @ 5'-7"	99'-3"
7	2	8	2 @ 8'-11"	N/A	17'-10"	2 @ 11'-9"	N/A	23'-6"	2 @ 17'-5"	N/A	34'-10"
7	3	8	2 @ 12'-1"	N/A	24'-2"	2 @ 15'-10"	N/A	31'-8"	2 @ 23'-6"	2 @ 6'-7"	60'-2"
7	4	8	2 @ 15'-3"	N/A	30'-6"	2 @ 20'-0"	2 @ 6'-7"	53'-2"	2 @ 29'-7"	3 @ 6'-7"	78'-11"
7	5	8	2 @ 18'-5"	N/A	36'-10"	2 @ 24'-1"	3 @ 6'-7"	67'-11"	2 @ 35'-8"	4 @ 6'-7"	97'-8"
7	6	8	2 @ 21'-7"	2 @ 6'-7"	56'-4"	2 @ 28'-3"	3 @ 6'-7"	76'-3"	2 @ 41'-9"	5 @ 6'-7"	116'-5"
7	7	8	2 @ 24'-9"	3 @ 6'-7"	69'-3"	2 @ 32'-4"	4 @ 6'-7"	91'-0"	2 @ 47'-10"	6 @ 6'-7"	135'-2"
8	2	8	3 @ 8'-11"	N/A	26'-9"	3 @ 11'-9"	N/A	35'-3"	3 @ 17'-5"	N/A	52'-3"
8	3	8	3 @ 12'-1"	N/A	36'-3"	3 @ 15'-10"	N/A	47'-6"	3 @ 23'-6"	2 @ 7'-7"	85'-8"
8	4	8	3 @ 15'-3"	N/A	45'-9"	3 @ 20'-0"	2 @ 7'-7"	75'-2"	3 @ 29'-7"	3 @ 7'-7"	111'-6"
8	5	8	3 @ 18'-5"	N/A	55'-3"	3 @ 24'-1"	3 @ 7'-7"	95'-0"	3 @ 35'-8"	4 @ 7'-7"	137'-4"
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8	7	8	3 @ 24'-9"	3 @ 7'-7"	97'-0"	3 @ 32'-4"	4 @ 7'-7"	127'-4"	3 @ 47'-10"	6 @ 7'-7"	189'-0"
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9	8	9	3 @ 28'-2"	3 @ 8'-7"	110'-3"	3 @ 36'-10"	4 @ 8'-7"	144'-10"	3 @ 54'-5"	6 @ 8'-7"	214'-9"
9	9	9	3 @ 31'-4"	3 @ 8'-7"	119'-9"	3 @ 40'-11"	5 @ 8'-7"	165'-8"	3 @ 60'-6"	7 @ 8'-7"	241'-7"
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11	10	11	4 @ 35'-0"	4 @ 10'-7"	182'-4"	4 @ 45'-9"	5 @ 10'-7"	235'-11"	4 @ 67'-7"	8 @ 10'-7"	355'-0"
11	11	11	4 @ 38'-2"	4 @ 10'-7"	195'-0"	4 @ 49'-10"	6 @ 10'-7"	262'-10"	4 @ 73'-8"	9 @ 10'-7"	389'-11"
12	2	12	4 @ 10'-0"	N/A	40'-0"	4 @ 13'-1"	N/A	52'-4"	4 @ 19'-5"	N/A	77'-8"
12	3	12	4 @ 13'-2"	N/A	52'-8"	4 @ 17'-3"	N/A	69'-0"	4 @ 25'-6"	3 @ 11'-7"	136'-9"
12	4	12	4 @ 16'-4"	N/A	65'-4"	4 @ 21'-4"	2 @ 11'-7"	108'-6"	4 @ 31'-7"	4 @ 11'-7"	172'-8"
12	6	12	4 @ 22'-8"	2 @ 11'-7"	113'-10"	4 @ 29'-7"	3 @ 11'-7"	153'-1"	4 @ 43'-9"	5 @ 11'-7"	232'-11"
12	8	12	4 @ 29'-0"	3 @ 11'-7"	150'-9"	4 @ 37'-10"	4 @ 11'-7"	197'-8"	4 @ 55'-11"	7 @ 11'-7"	304'-9"
12	10	12	4 @ 35'-4"	4 @ 11'-7"	187'-8"	4 @ 46'-1"	5 @ 11'-7"	242'-3"	4 @ 68'-1"	8 @ 11'-7"	365'-0"
12	12	12	4 @ 41'-8"	5 @ 11'-7"	224'-7"	4 @ 54'-4"	6 @ 11'-7"	286'-10"	4 @ 80'-3"	10 @ 11'-7"	436'-10"

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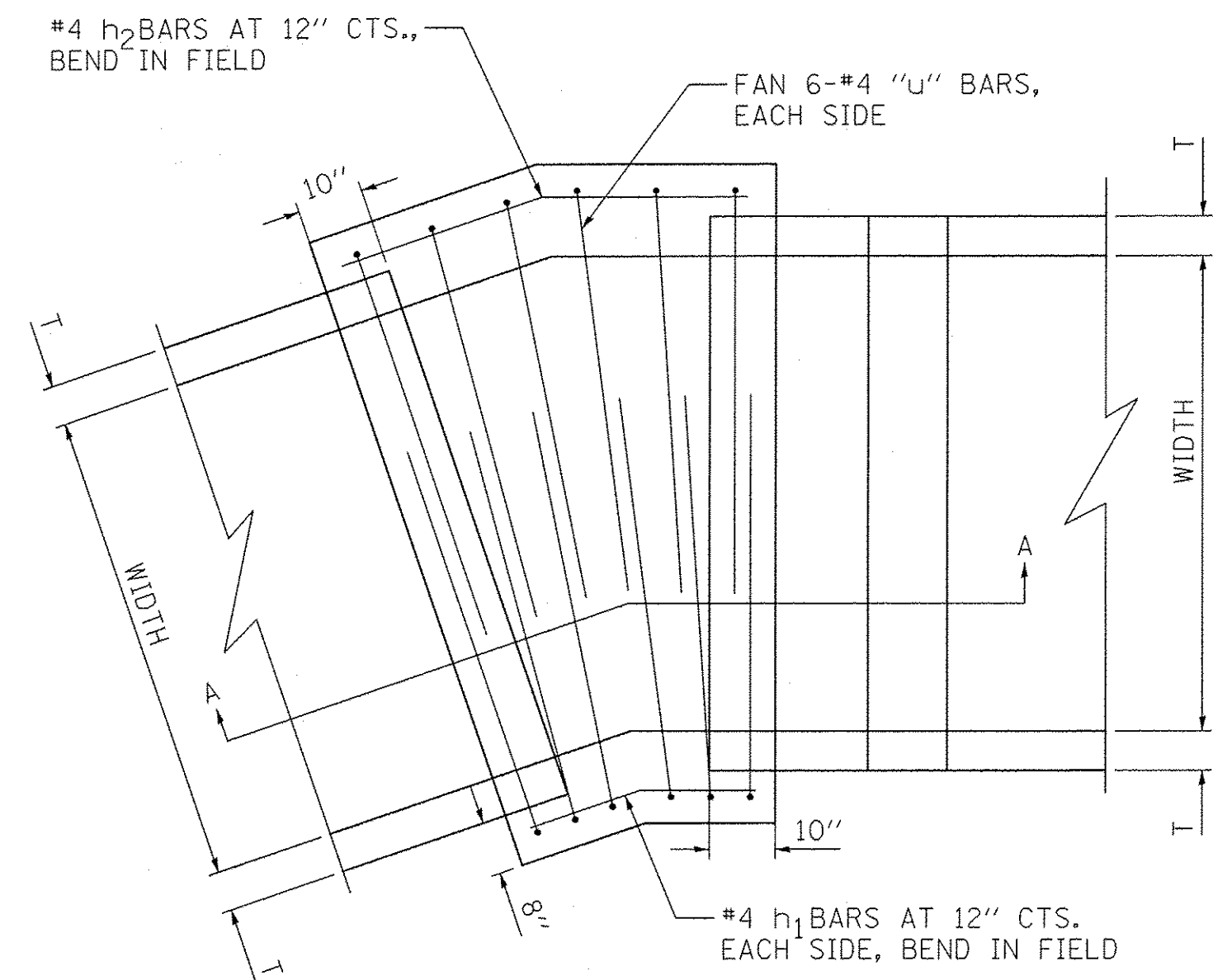
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALTA LANE /RADNOR ROAD INTERSECTION
SINGLE CELL PRECAST BOX CULVERT END SECTIONS WITH PIPE GRATES**

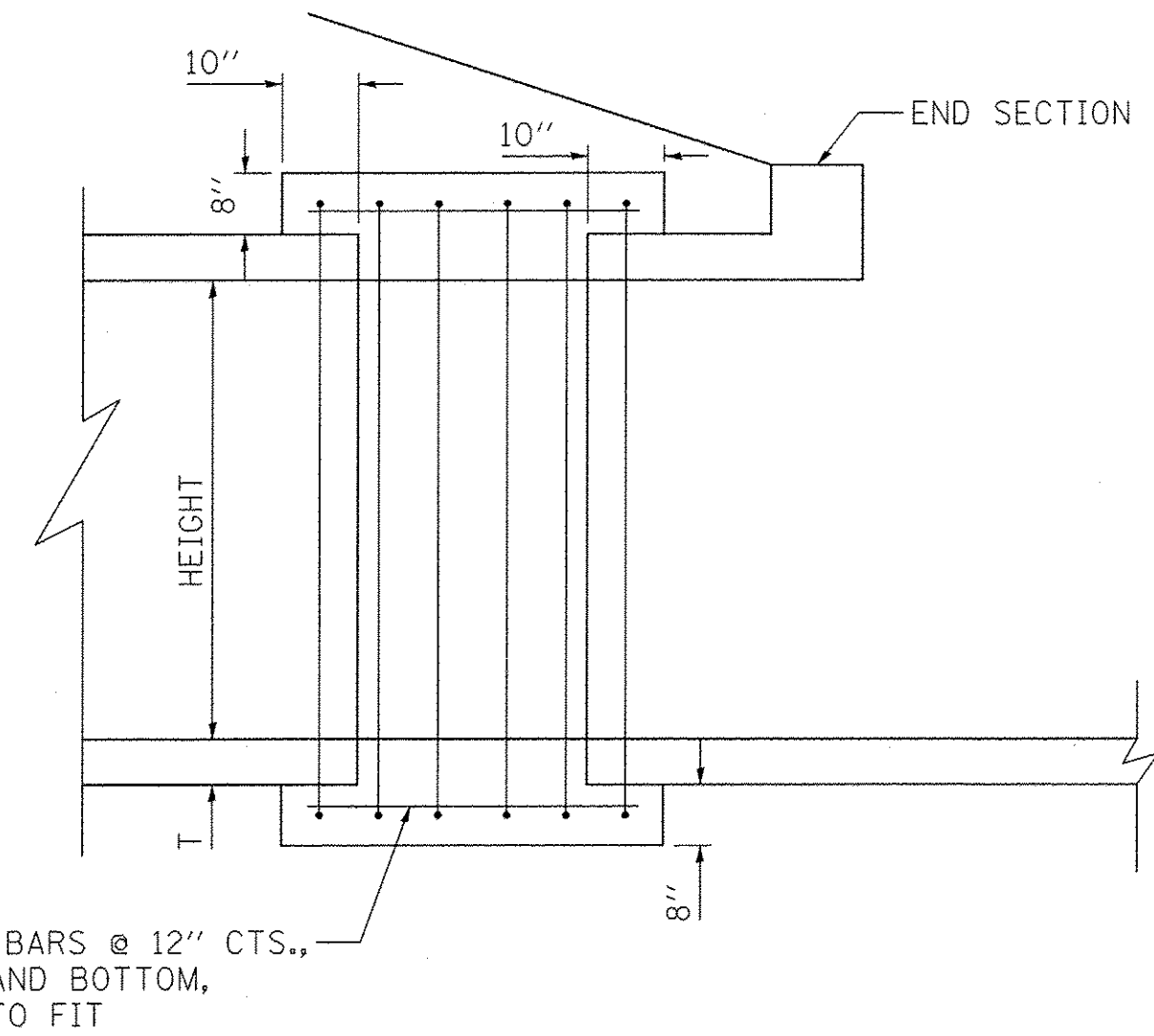
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F.A.S. RTE.	CITY SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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387	CONTRACT NO. 89572			

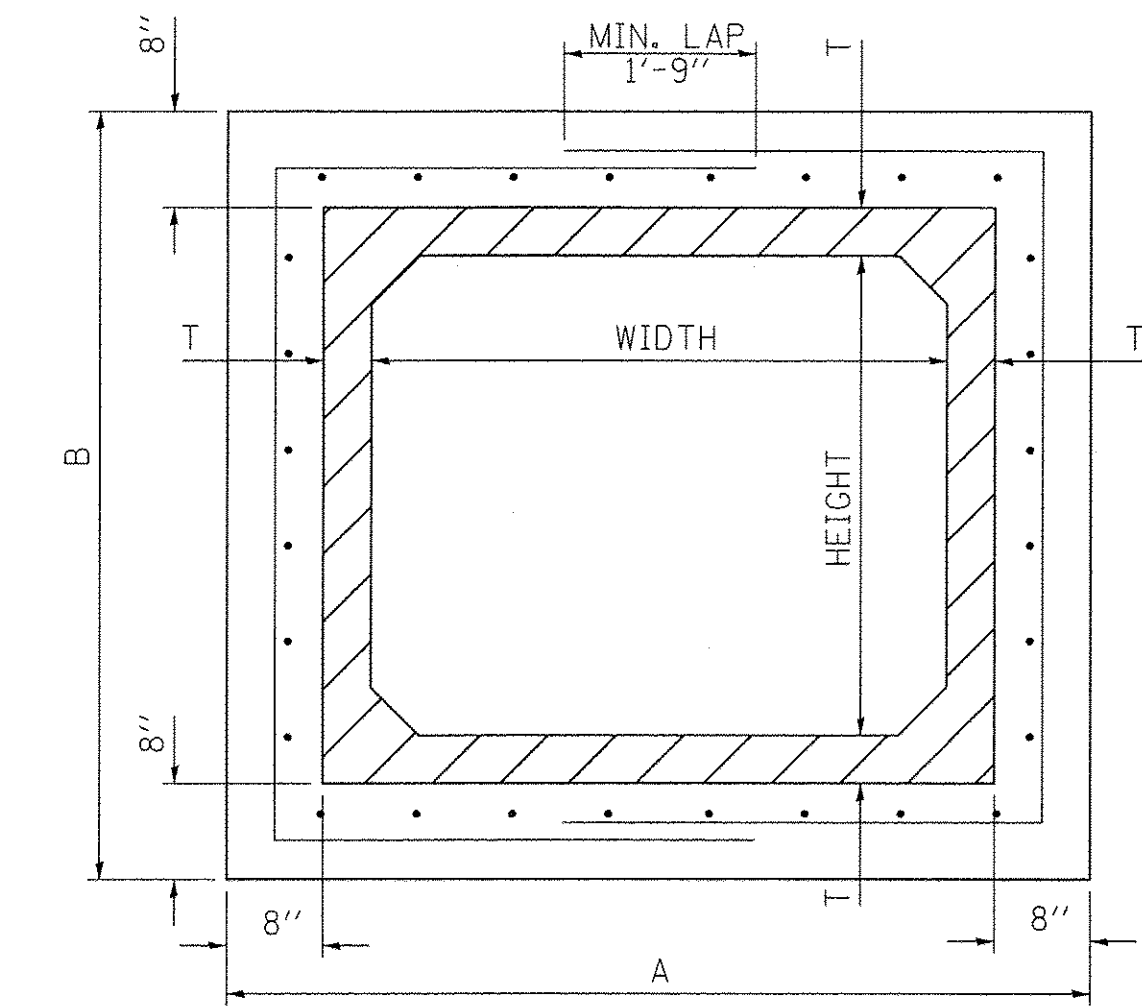
ILLINOIS FED. AID PROJECT



PLAN VIEW



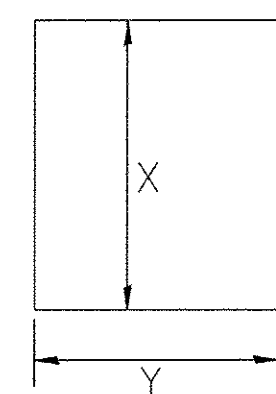
SECTION A-A



CROSS SECTION

GENERAL NOTES

1. THE COLLAR SHALL BE CONSTRUCTED ENTIRELY OF CLASS SI CONCRETE AND IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 503 OF THE STANDARD SPECIFICATIONS. REINFORCEMENT BARS SHALL CONFORM TO SECTION 508.
2. THIS WORK WILL BE PAID FOR BY THE CUBIC YARD FOR CONCRETE COLLAR, BY THE POUND FOR REINFORCEMENT BARS.

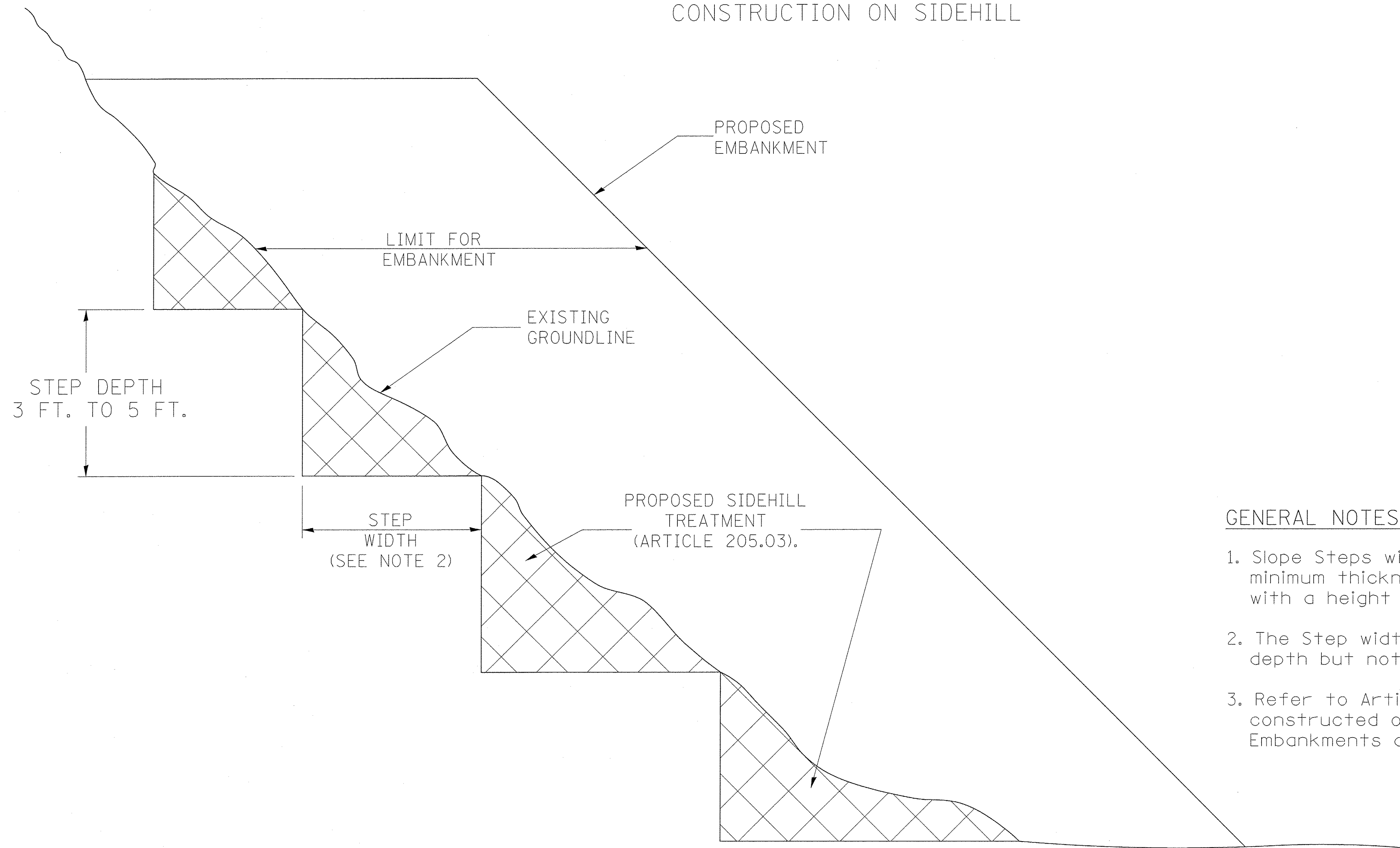


#4 "U" BAR

LOCATION	PRECAST BOX			CONCRETE COLLAR CU. YD.	"U" BARS		h BARS		h ₁ BARS		h ₂ BARS		REINF. BARS LBS	ANGLE θ			
	WIDTH	HEIGHT	T		A	B	#	X	Y	#	LEN.	#			LEN.	#	LEN.
STA. 13+65.36, 23.4' LT	6'-0"	4'-0"	7"	4.8	8'-6"	6'-6"	12	6'-0"	5'-0"	16	5'-10"	6	2'-10"	6	5'-8"	225	20.3°
STA. 14+01.81, 28.2' RT	6'-0"	4'-0"	7"	4.8	8'-6"	6'-6"	12	6'-0"	5'-0"	16	5'-10"	6	2'-10"	6	5'-8"	225	22.7°

FILE NAME = S:\237\2017\09\23710010 (A)1st-Reddon-Intersection\CAD\CADD\CADD_Sheets\0489572-sh-c-collar.dgn

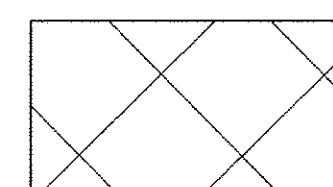
SLOPE STEPS DETAIL
TYPICAL CROSS-SECTION EMBANKMENT
CONSTRUCTION ON SIDEHILL



GENERAL NOTES:

1. Slope Steps will be required for all 12(300) minimum thickness "silver fills" and on a fills with a height of 10'(3.0m).
2. The Step width shall be twice the Step depth but not less than 6 feet.
3. Refer to Article 205.03 for Embankment to be constructed on Hillside or Slopes, or if existing Embankments are to be widened.

REPLACEMENT MATERIAL:



STANDARD EMBANKMENT
(IN ACCORDANCE WITH
205 OF THE STANDARD SPECIFICATION).

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

1-1-97	RENUM. L-5.03, NEW REVISION BOX, REVISED TITLE	T.P.
	BOX, REVISED GENERAL NOTES.	
10-16-06	REVISED TO 2007 SPEC.	M.A.

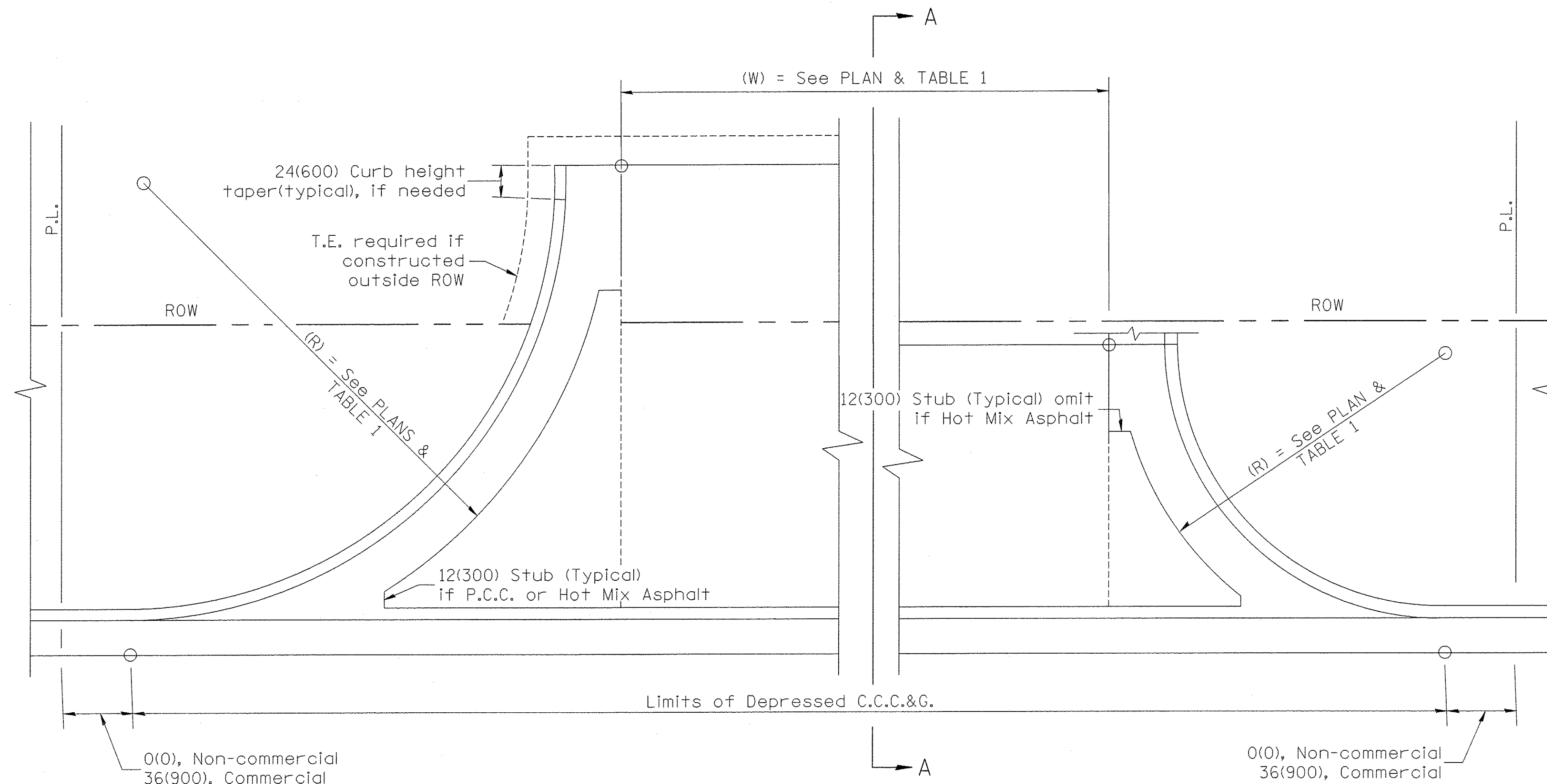
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SLOPE STEPS DETAIL

NOT TO SCALE

CADD STD. 205001-D4

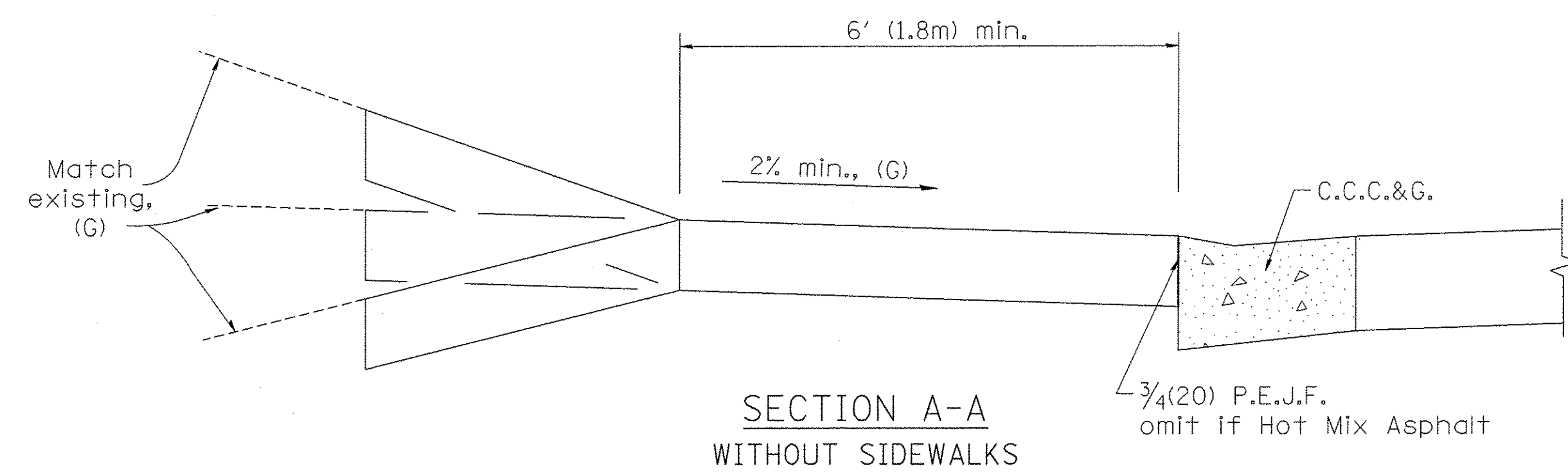
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	51
387				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT CONTRACT NO. 89572		



PLAN

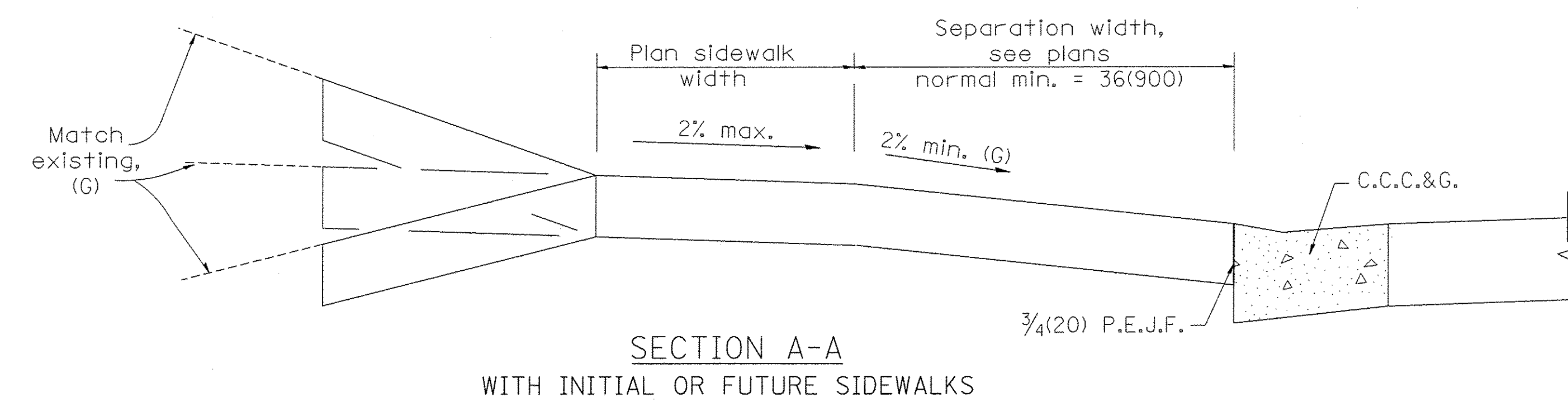
GENERAL NOTES

1. C.C.C.&G. will be measured for pavement as specified in Article 606.13 of the Standard Specifications.
2. C.C.C.&G. Construction Joints will be as shown on Standard 606001.



SECTION A-A
WITHOUT SIDEWALKS

TABLE 1 URBAN ENTRANCE DESIGN CONTROLS						
ELEMENT	NON-COMMERCIAL		COMMERCIAL			
			1-WAY OPERATION		2-WAY OPERATION	
WIDTH (W)	12' (3.6 m) MIN.	24' (7.2 m) MAX.	14' (4.3 m) MIN.	24' (7.2 m) MAX.	24' (7.2 m) MIN.	35' (10.7 m) MAX.
RADIUS EQUIVALENT 1:1 FLARE (F)	5' (1.5 m) MIN.	25' (7.6 m) MAX.	15' (4.6 m) MIN.	40' (12.0 m) MAX.	15' (4.6 m) MIN.	40' (12.0 m) MAX.
MAX. GRADE (G)	8%		6%			



SECTION A-A
WITH INITIAL OR FUTURE SIDEWALKS

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBURBAN ENTRANCES WITH CURBED RADII

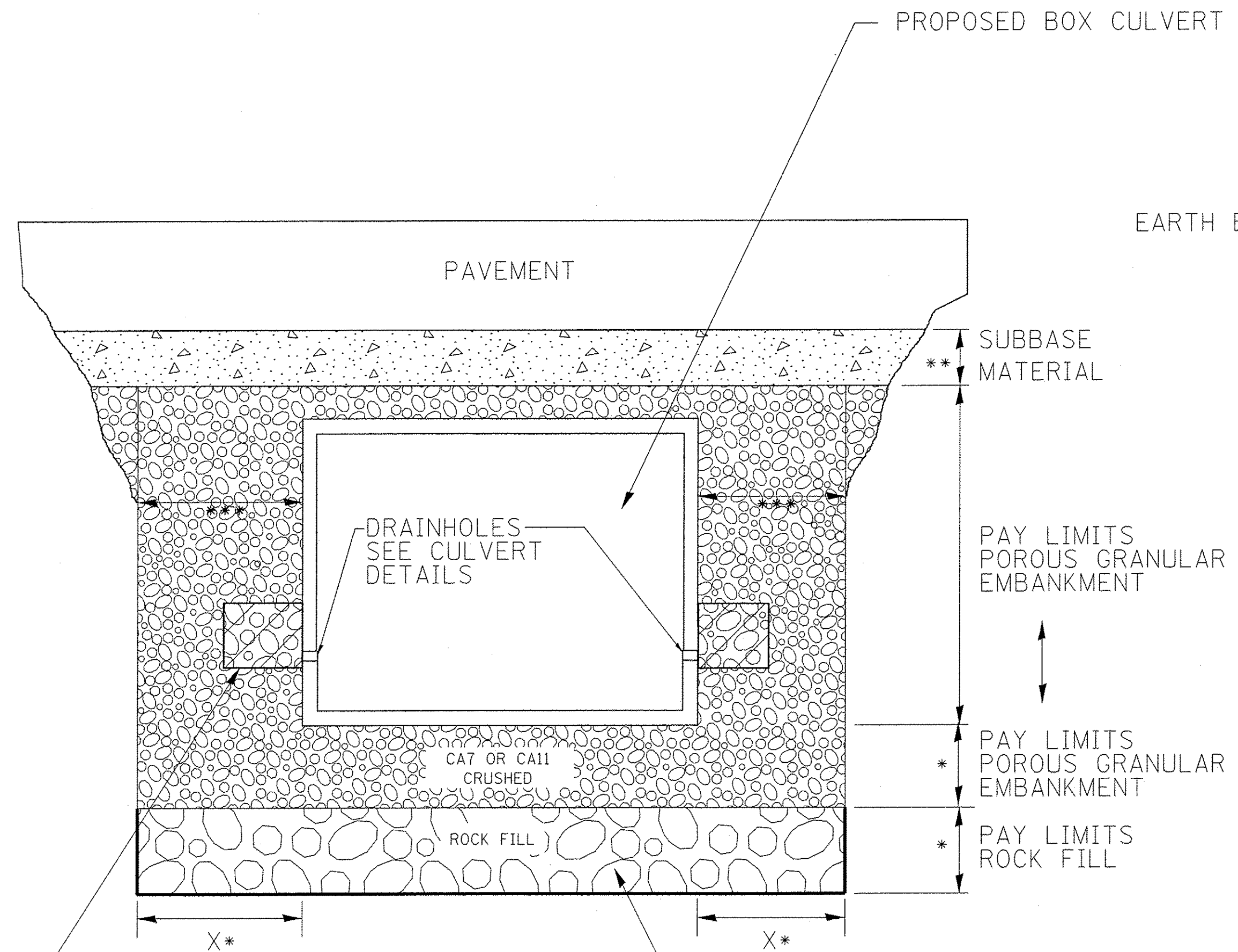
NOT TO SCALE

CADD STD. 423001-D4

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	52
387				CONTRACT NO. 89572

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

ROADWAY PROFILE VIEW

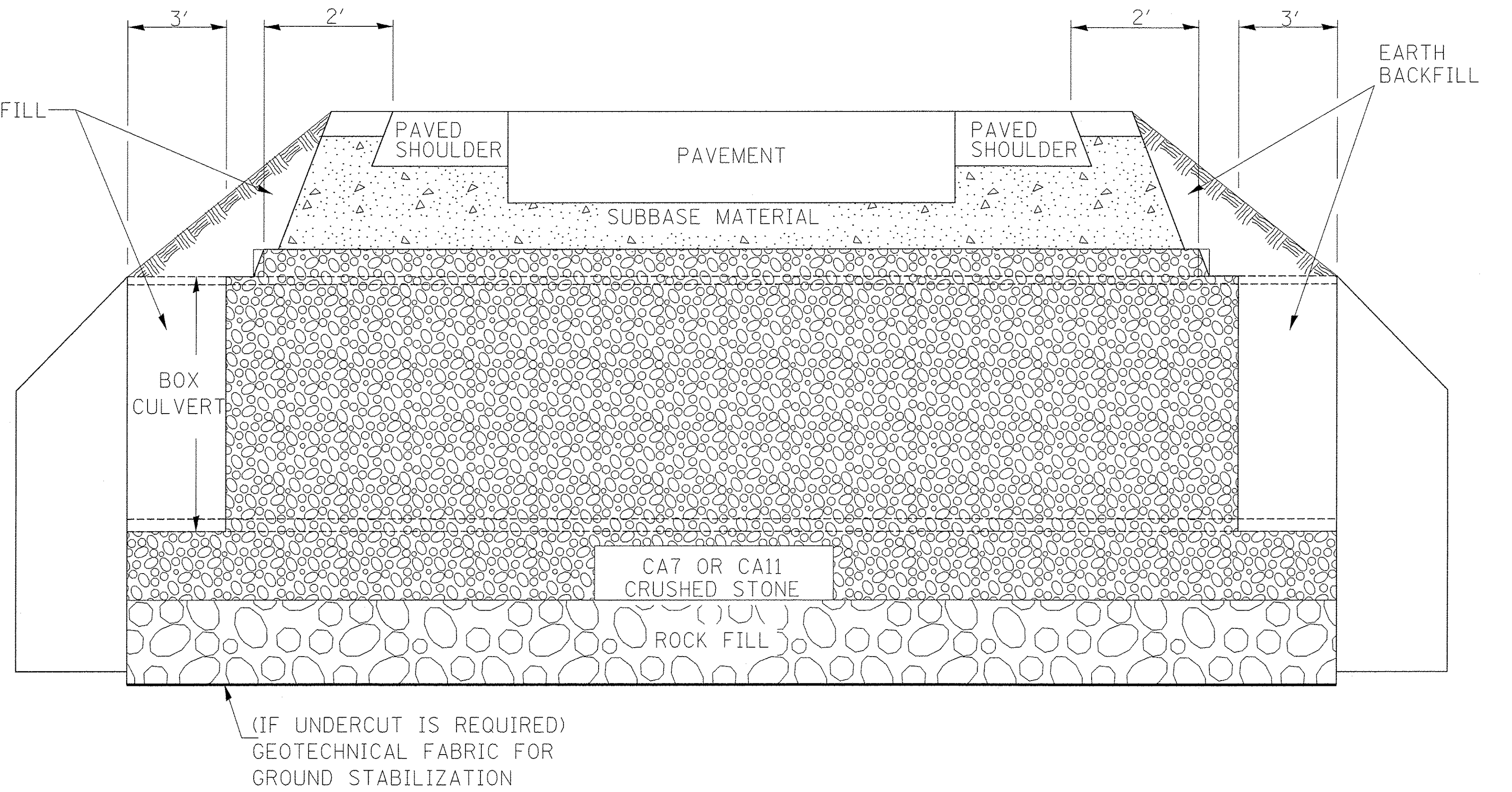


2' x 2' x 2' DEPOSIT OF CA 5, 7, OR 11 IN FABRIC ENVELOPE IN ACCORDANCE WITH ARTICLE 502.10 OF THE STANDARD SPECIFICATIONS (TYPICAL)

(IF UNDERCUT IS REQUIRED) PROPOSED REMOVAL & DISPOSAL OF UNSUITABLE, AND REPLACE WITH ROCK FILL WITH GEOTECHNICAL FABRIC FOR GROUND STABILIZATION. PAID FOR BY RESPECTIVE PAY ITEMS.

- * IF APPLICABLE, SEE UNDERCUT DETAIL FOR DEPTHS AND WIDTHS. IF THERE IS NO UNDERCUT, X = 2 FEET AND SEE NOTE 3 THIS SHEET.
- ** SUBBASE SHALL BE 6" MINIMUM LAYER OF CA6 CRUSHED STONE OR OTHER MATERIAL AS SPECIFIED IN THE PLANS.
- *** PAY LIMITS OF POROUS GRANULAR EMBANKMENT SHALL BE 2 FEET UNLESS OTHERWISE SHOWN IN THE PLANS.

ROADWAY CROSS SECTION VIEW



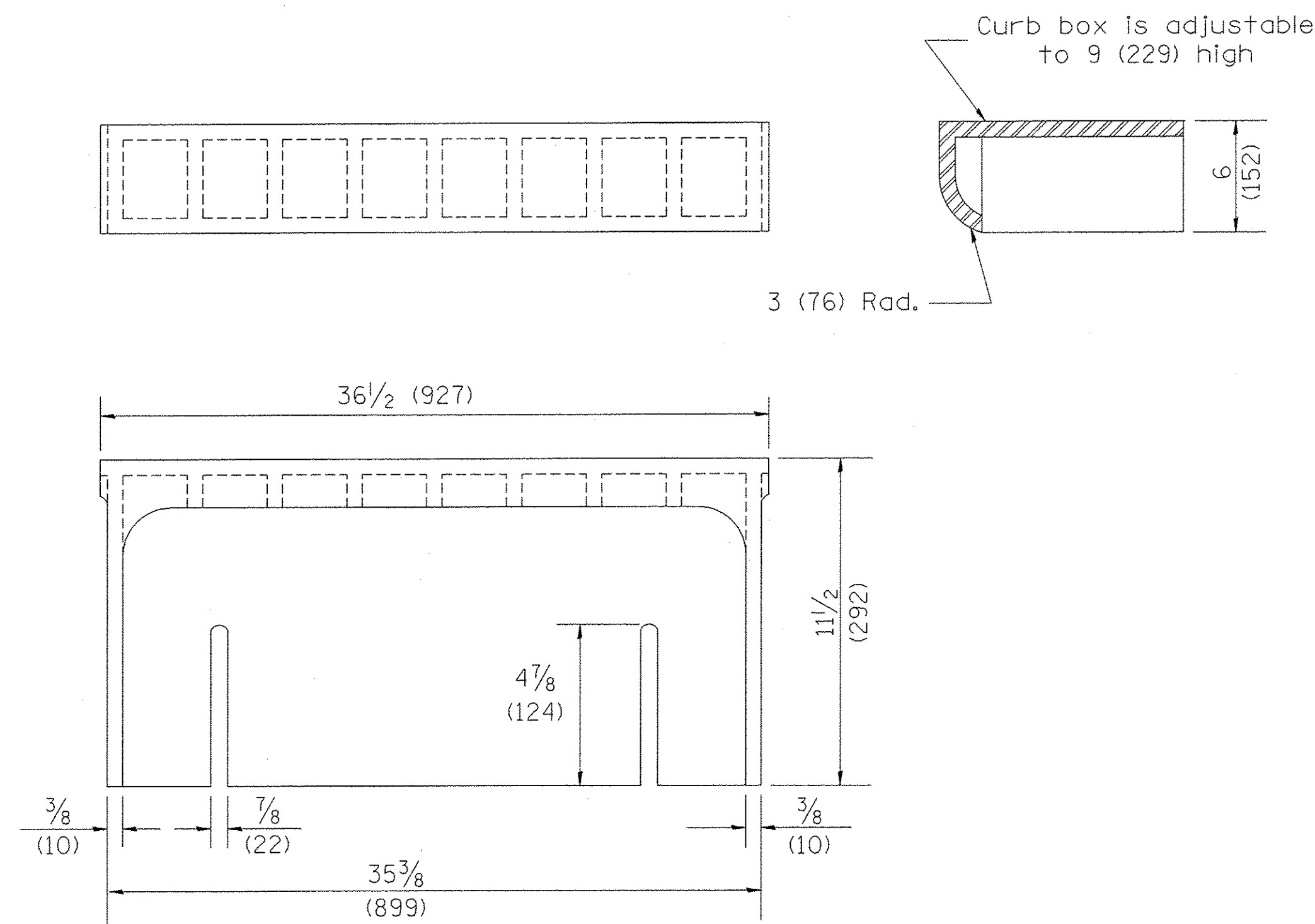
- NOTES:
1. EXCEPT AS SPECIFIED IN THIS DETAIL, THE PLACEMENT AND COMPACTION OF BACKFILL SHALL BE IN ACCORDANCE WITH ARTICLE 502.10 OF THE STANDARD SPECIFICATIONS.
 2. POROUS GRANULAR EMBANKMENT SHALL BE PLACED IN ACCORDANCE WITH SECTION 207 OF THE STANDARD SPECIFICATIONS.
 3. IF NO UNDERCUT IS REQUIRED, A 6" MINIMUM LAYER OF POROUS GRANULAR EMBANKMENT SHALL BE PLACED BELOW THE ELEVATION OF THE BOTTOM OF BOX CULVERT.

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

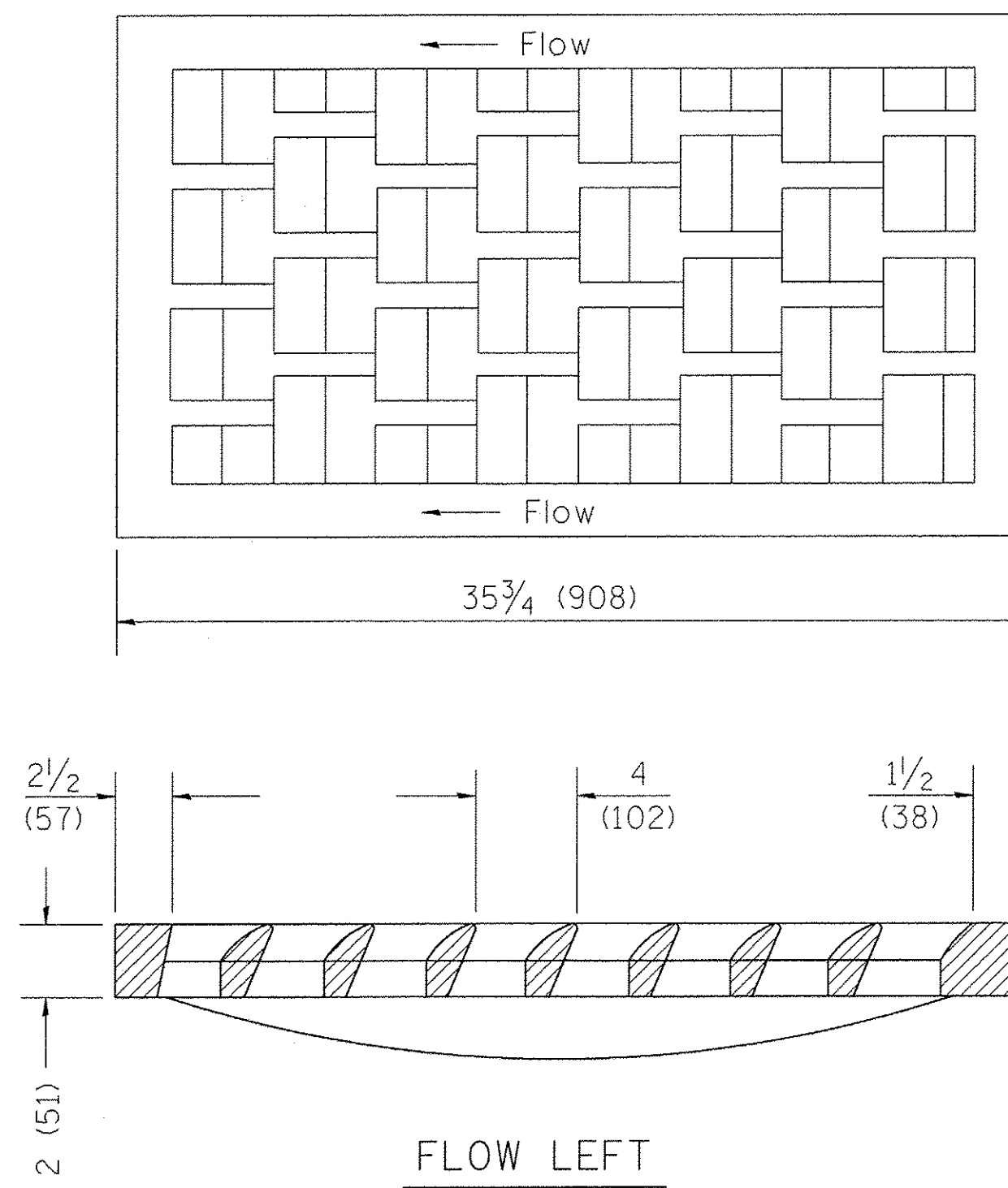
6-12-12	CREATED NEW STD.	R.D.																		
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION										DETAIL OF EXCAVATION AND BACKFILL FOR BOX CULVERTS					F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
															381	09-00342-00-PW	PEORIA	72	53	
															387					CONTRACT NO. 89572
															FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

NOT TO SCALE

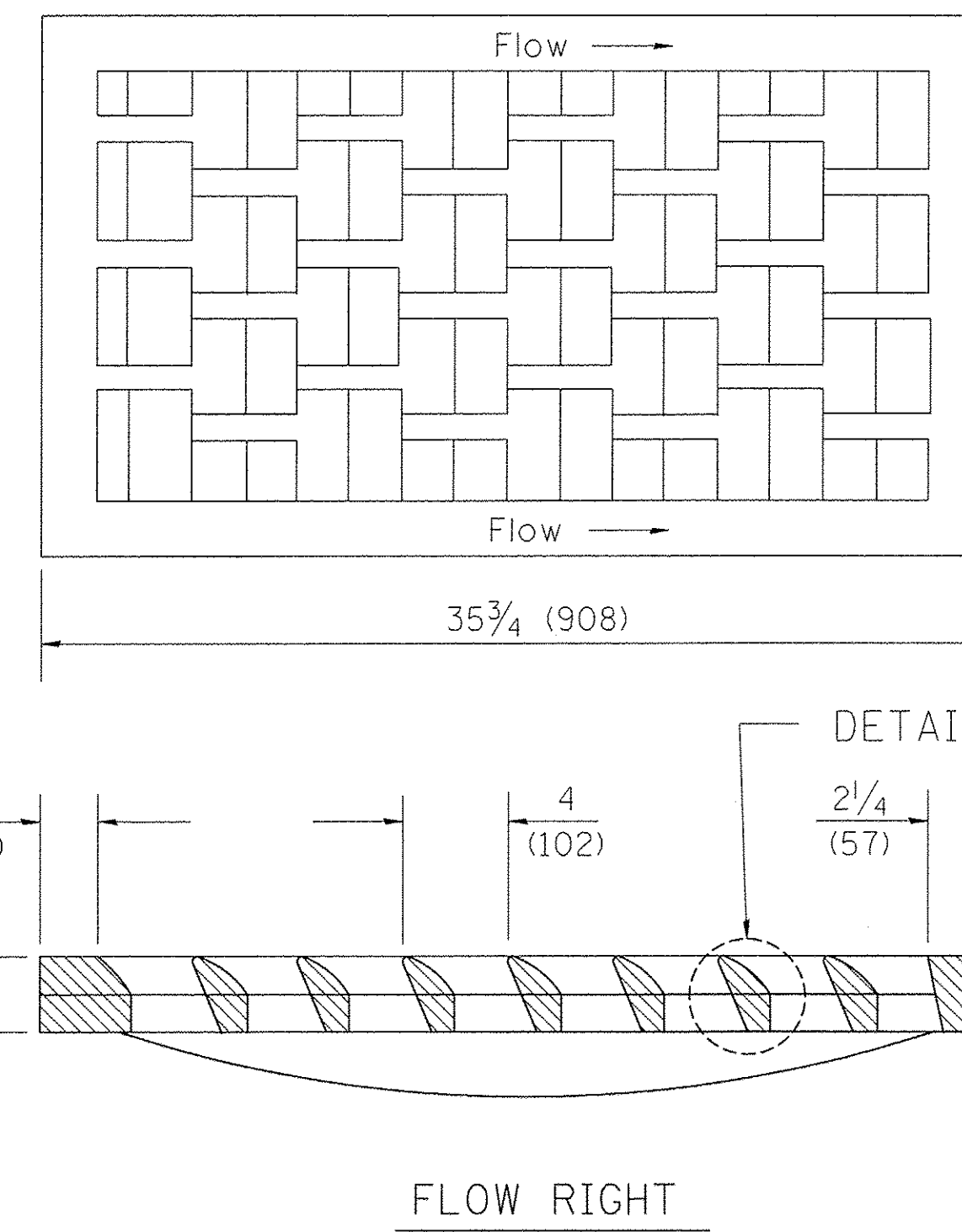
CADD STD. 540000



CAST CURB BOX
110 lbs. (50 kg)

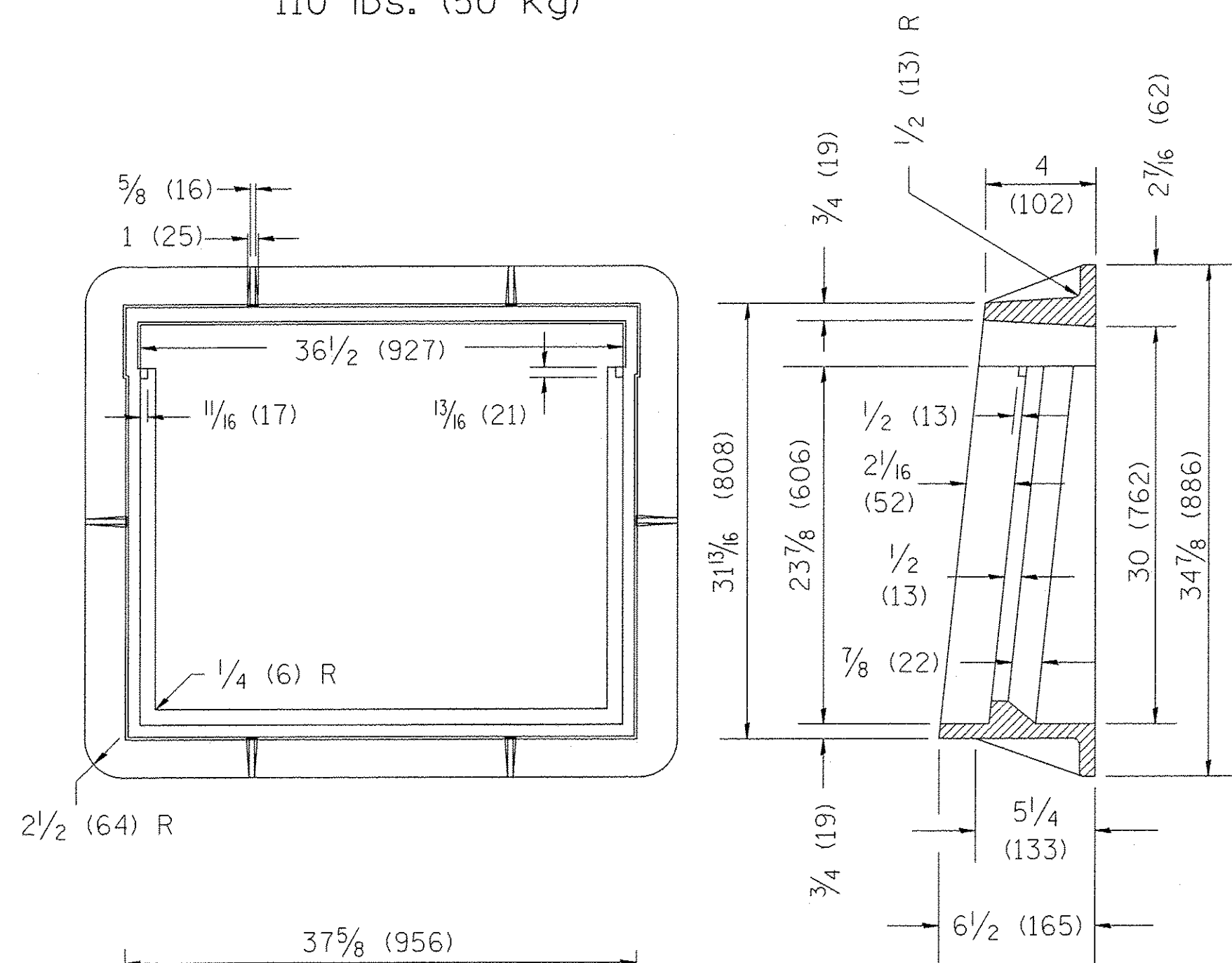
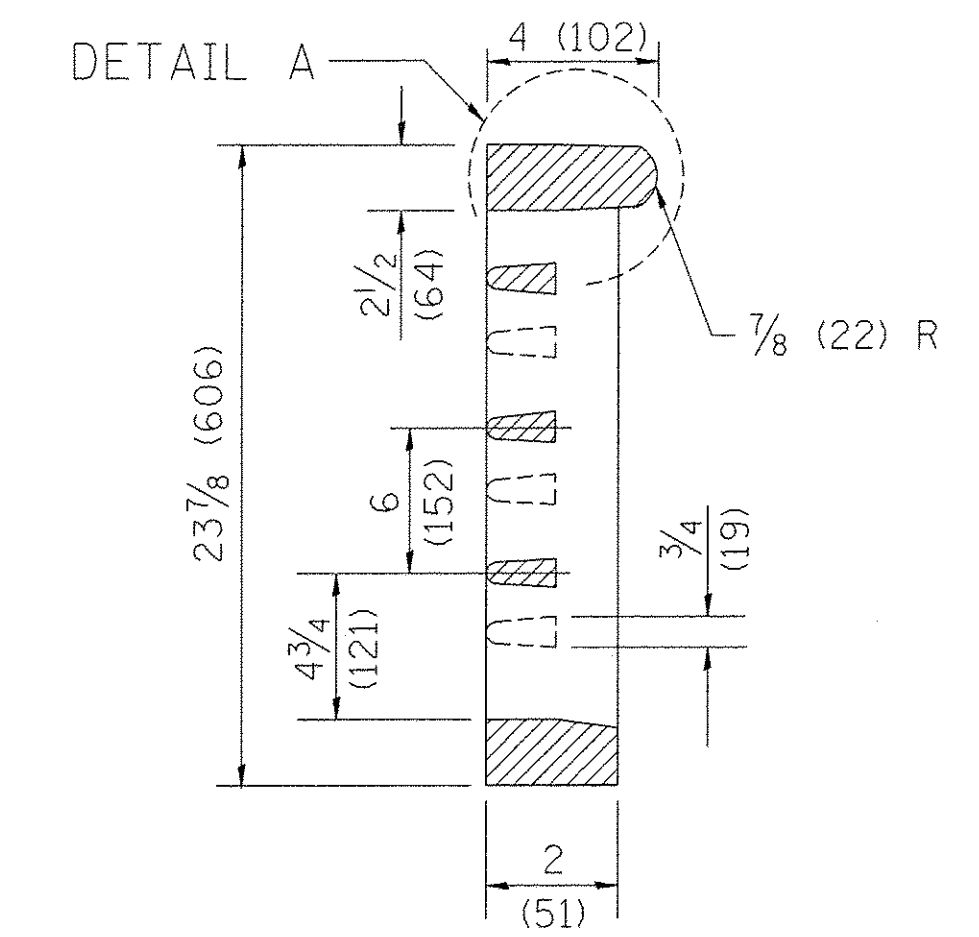


FLOW LEFT

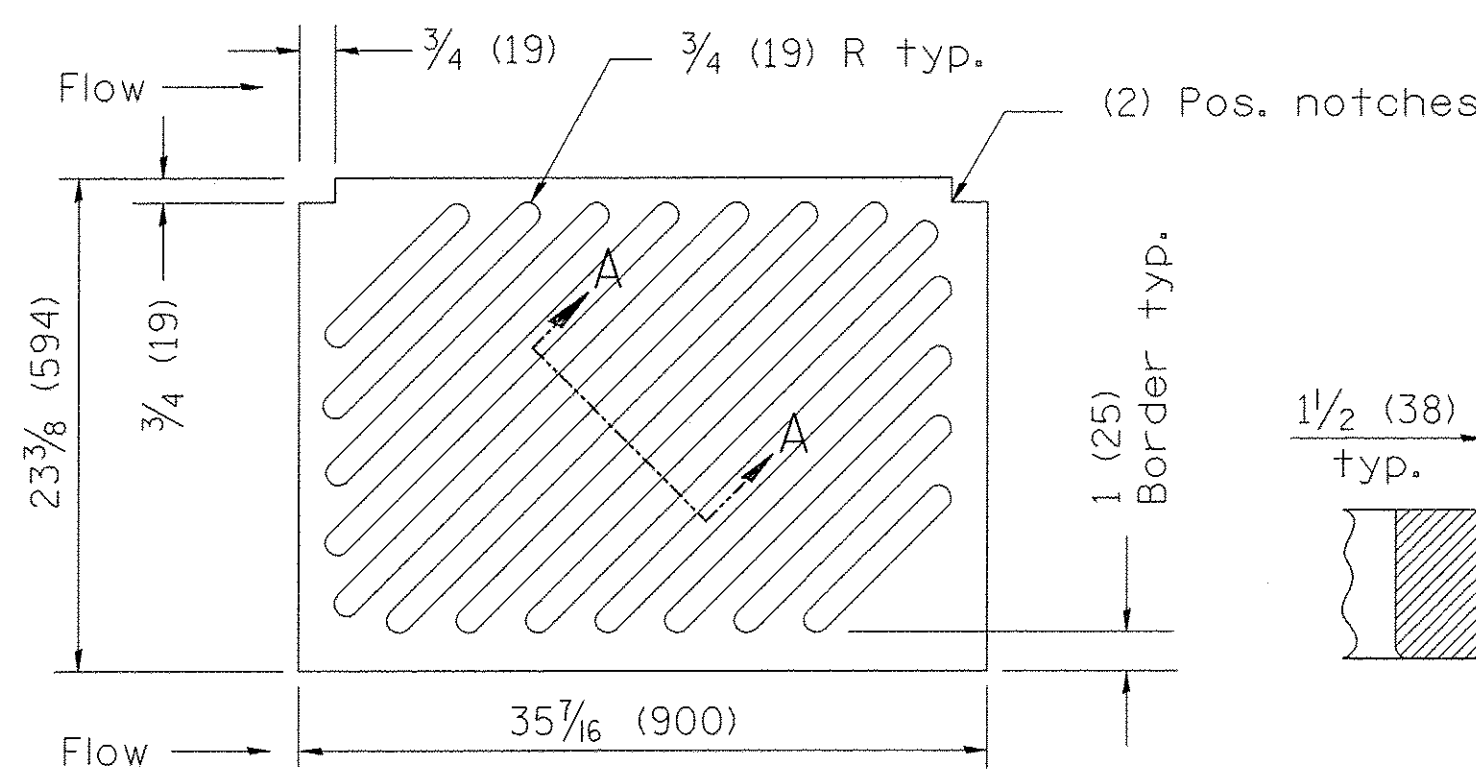


FLOW RIGHT

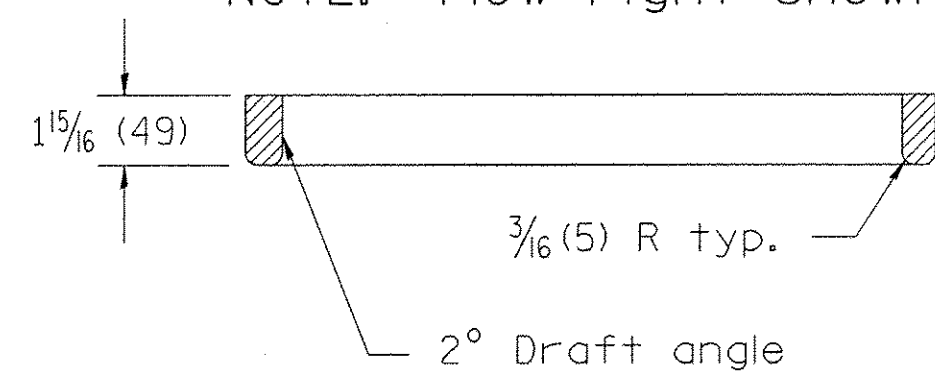
CAST VANE GRATES
(SPECIFY LEFT OR RIGHT FLOW)
230 lbs. (104 KG)



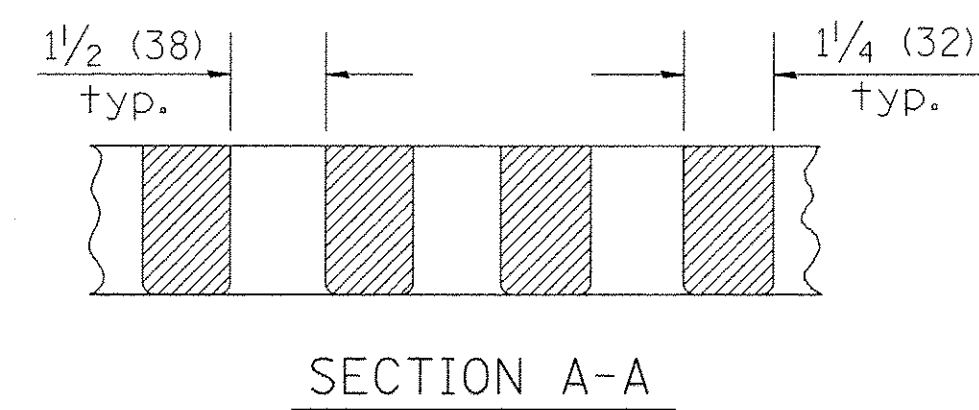
CAST FRAME
271 lbs. (123 kg)



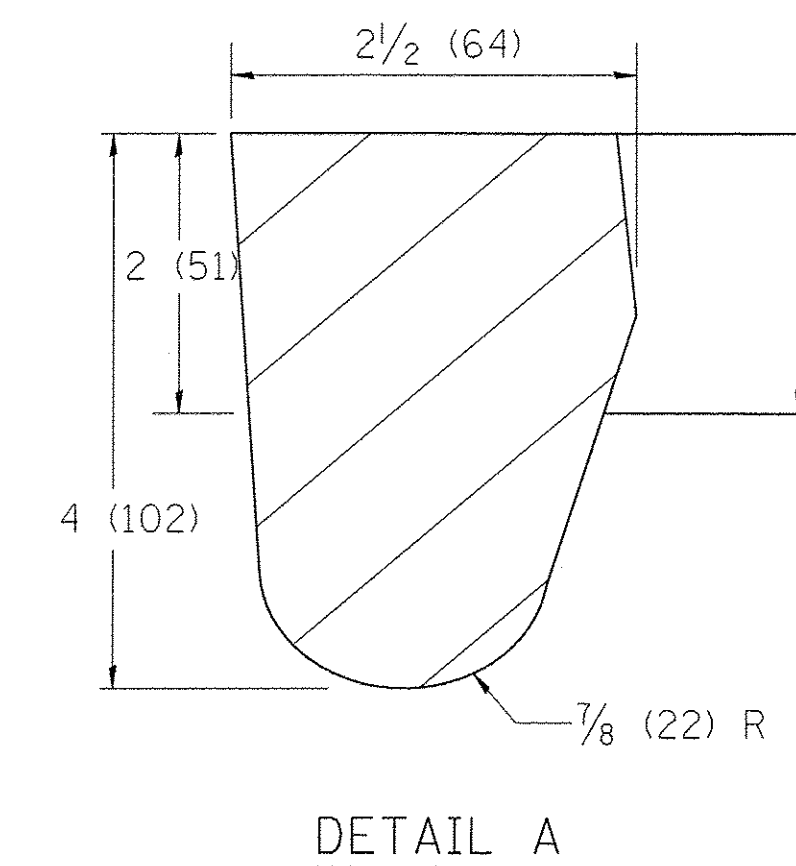
NOTE: Flow right shown



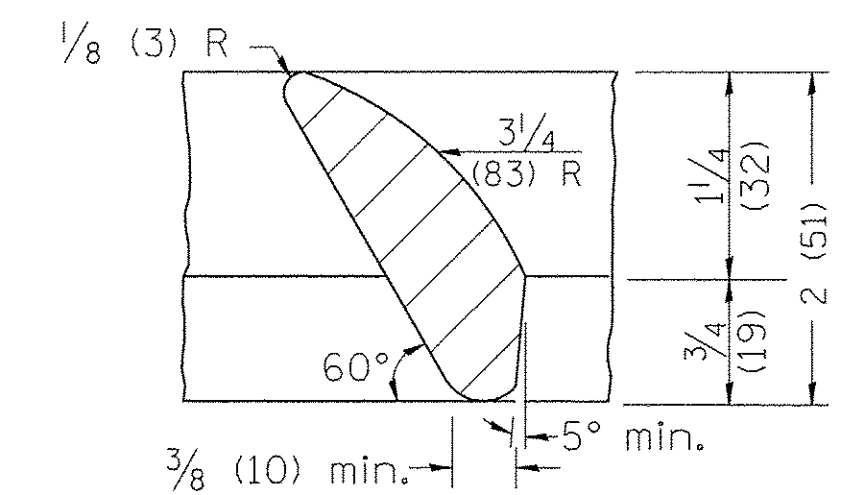
CAST DIAGONAL GRATE
(Reversible for flow)
217 lbs. (98 kg)



SECTION A-A



DETAIL A



DETAIL B

GENERAL NOTES

1. The frame and grate shown on this drawing are for use with all TYPE G-1 and TYPE G-1, SPECIAL DRAINAGE STRUCTURES. See plans for grate type and flow direction.
2. Flow direction: As viewed from street side.
3. Material: cast gray iron.

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

01-01-97	RENUM. B-10.01, NEW REVISION BOX	T.P.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FRAME & GRATES FOR TYPE G-1 AND TYPE G-1,
SPECIAL DRAINAGE STRUCTURES

NOT TO SCALE

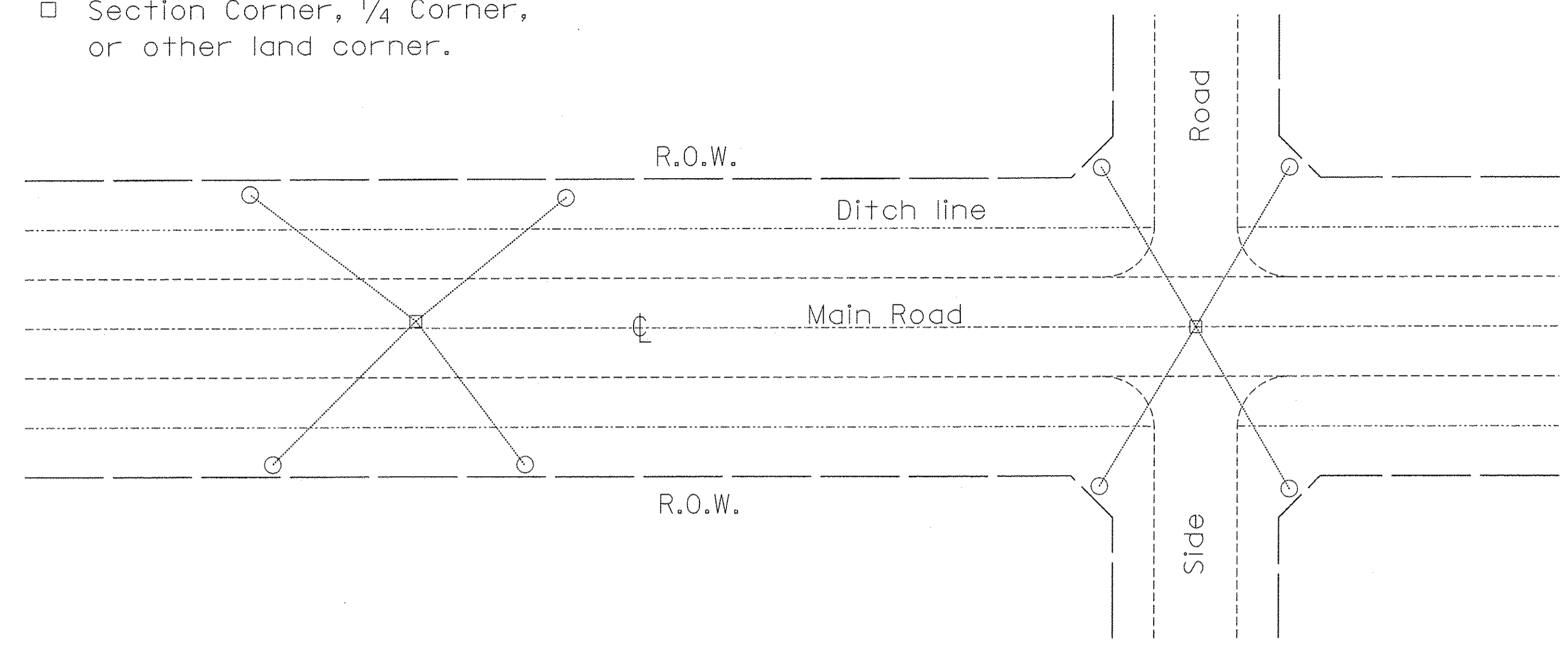
CADD STD. 604001-D4

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	54
387				CONTRACT NO. 89572

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

PERMANENT SURVEY TIES

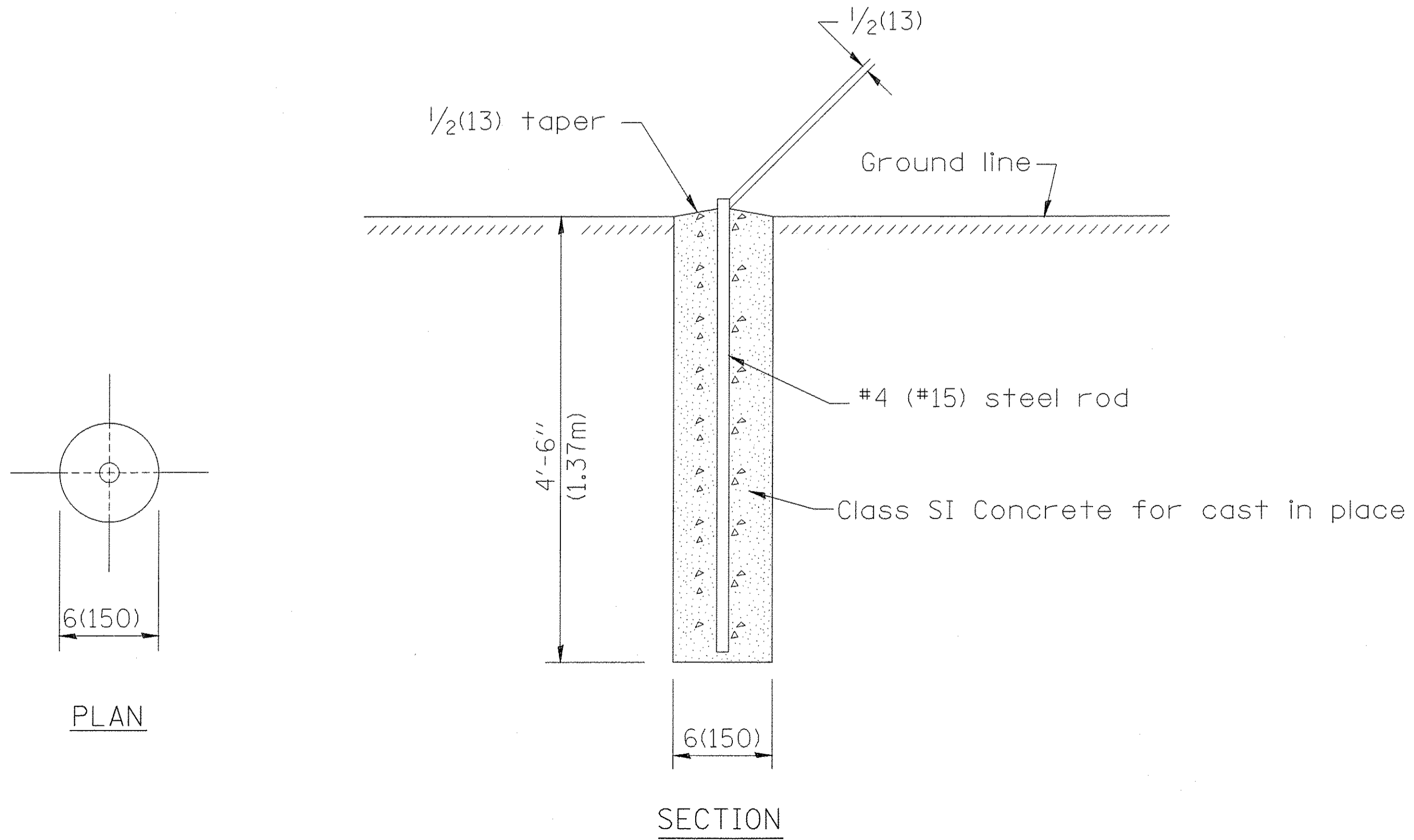
- Permanent Survey Tie
- Section Corner, 1/4 Corner, or other land corner.



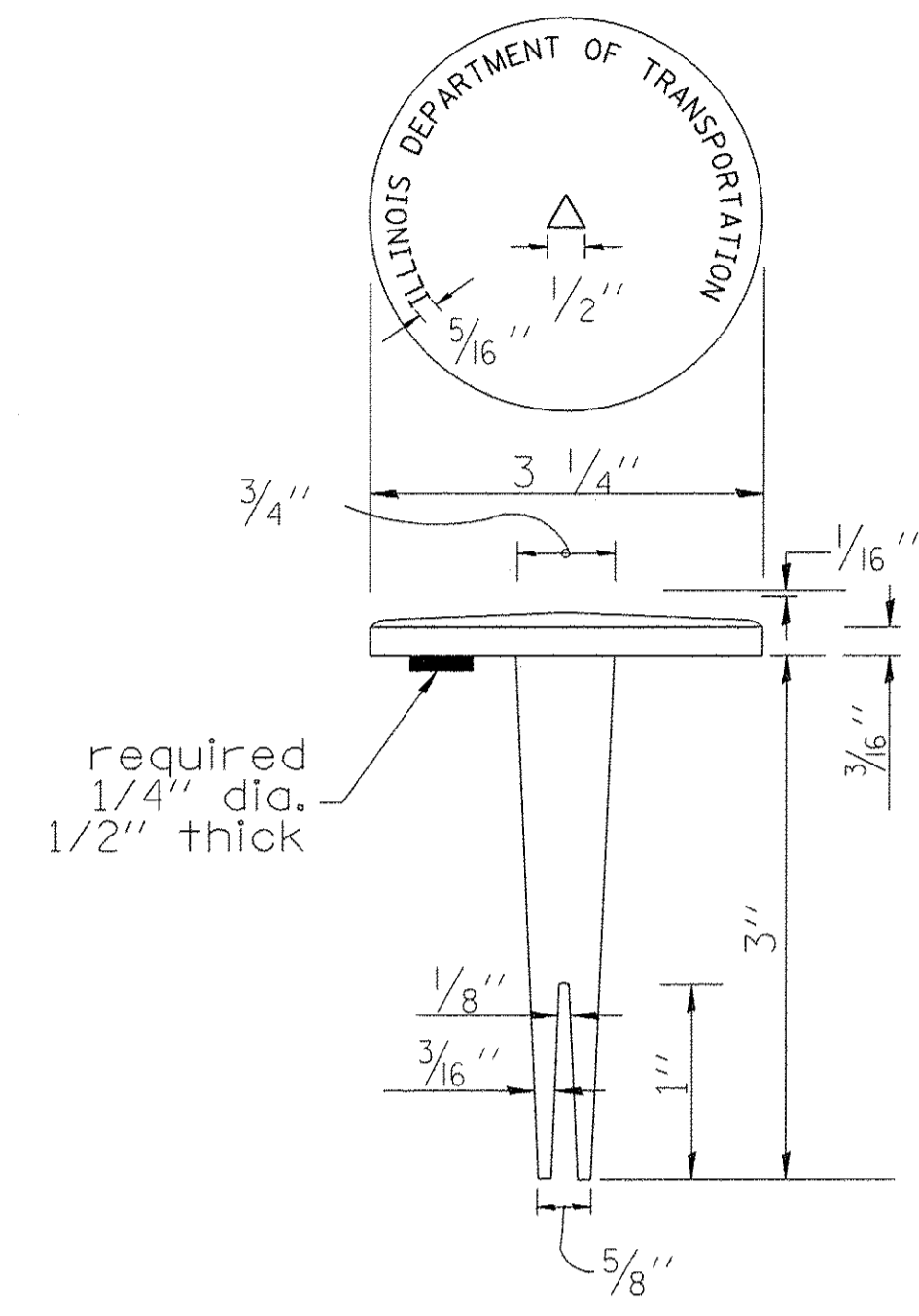
TYPICAL APPLICATION

GENERAL NOTES

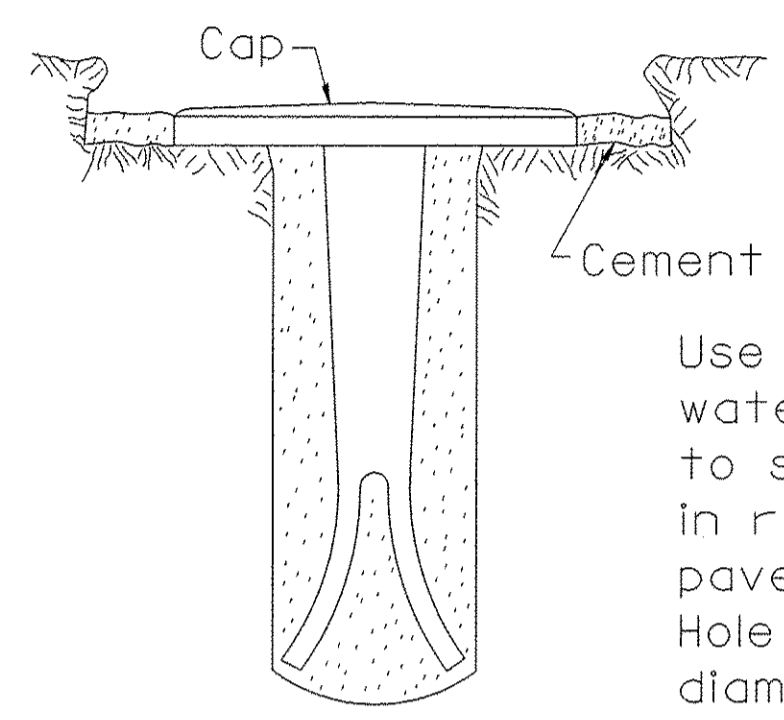
1. The marker shall be cast in place of Class SI Concrete.
2. Tie marker shall be installed after the final seeding has been completed unless otherwise specified by the Engineer.
3. The tie distances to the section corner shall be measured and recorded by the surveyor setting the PSM. All ties shall be turned over to the IDOT Chief of Surveys or Chief of Plats for recordation.
4. All documentation shall be performed by a PLS



PERMANENT SURVEY MARKERS



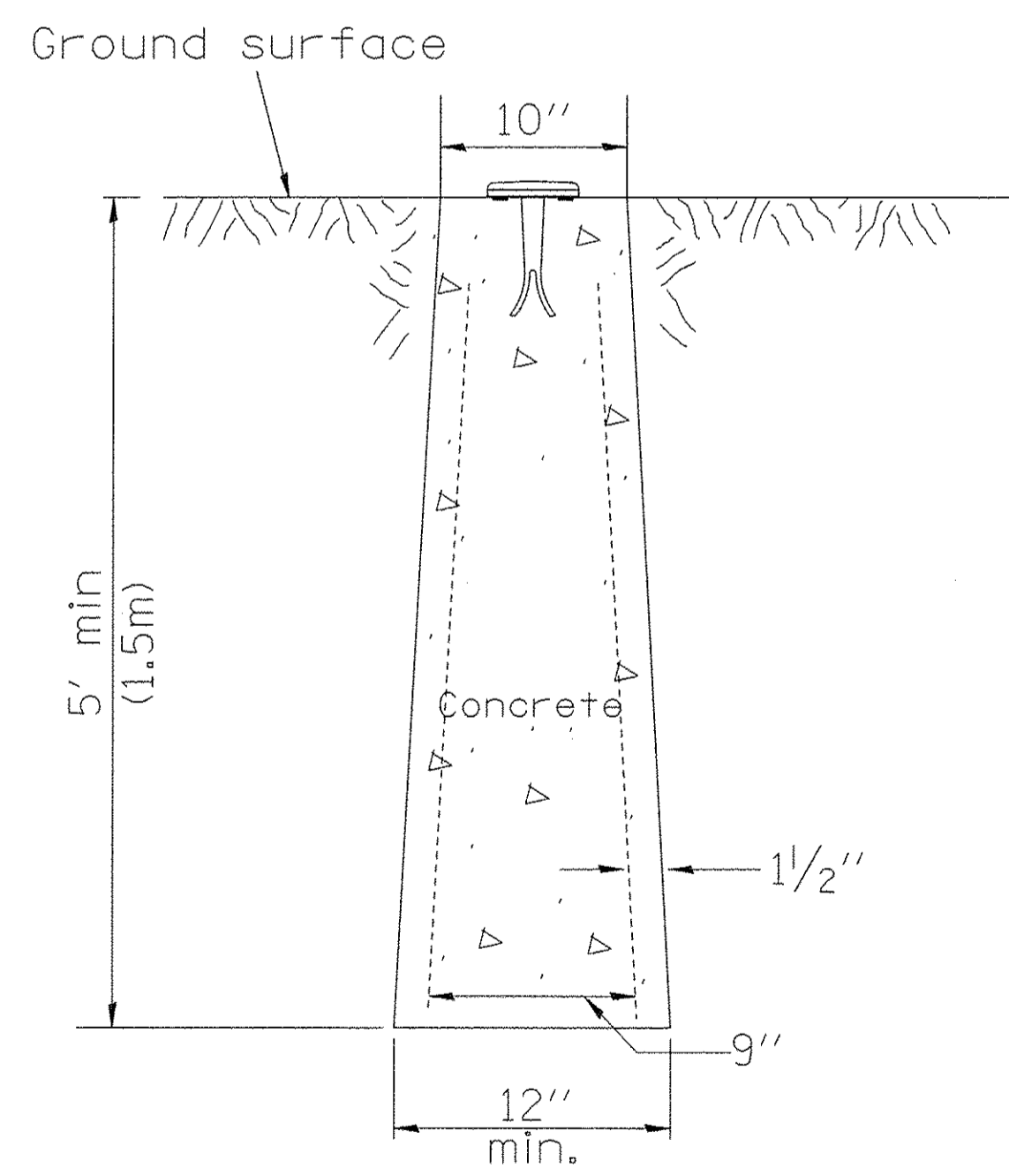
BRASS TABLET



Tablet constructed in rock ledge or concrete.

TYPE I

Use pure cement and water or approved epoxy to seal marker tablet in rock ledge, concrete pavement or structure. Hole shall be 1 1/2" diameter.



TYPE II
CAST-IN-PLACE MARKER

GENERAL NOTES

1. All type II markers shall be cast in place, and precast markers will not be allowed.
2. Two permanent magnets, each having a diameter of 3/4 (19) and a thickness of 1/4 (6), or equivalent, shall be attached to the underside of the tablet with an approved epoxy bonding agent.
3. The location of the markers shall be in accordance with the plans in general, the markers will be placed at the P.T.'s, P.C.'s, and P.I.'s located within the R.O.W. of horizontal curves and spaces along the tangents in a way that a minimum of two markers are always inter-visible, and not to exceed 1000' (300m).
4. The markers shall be placed under the direction of the Engineer and shall be installed in a workmanlike manner in order that there will be no further settlement or horizontal shifting. The monuments shall be placed in a way that the survey point will fall within the portion of the plaque provided for that purpose.
5. The project designation, the centerline station, the survey point, and the elevation shall be permanently marked by the use of metal dies after marker has been installed.

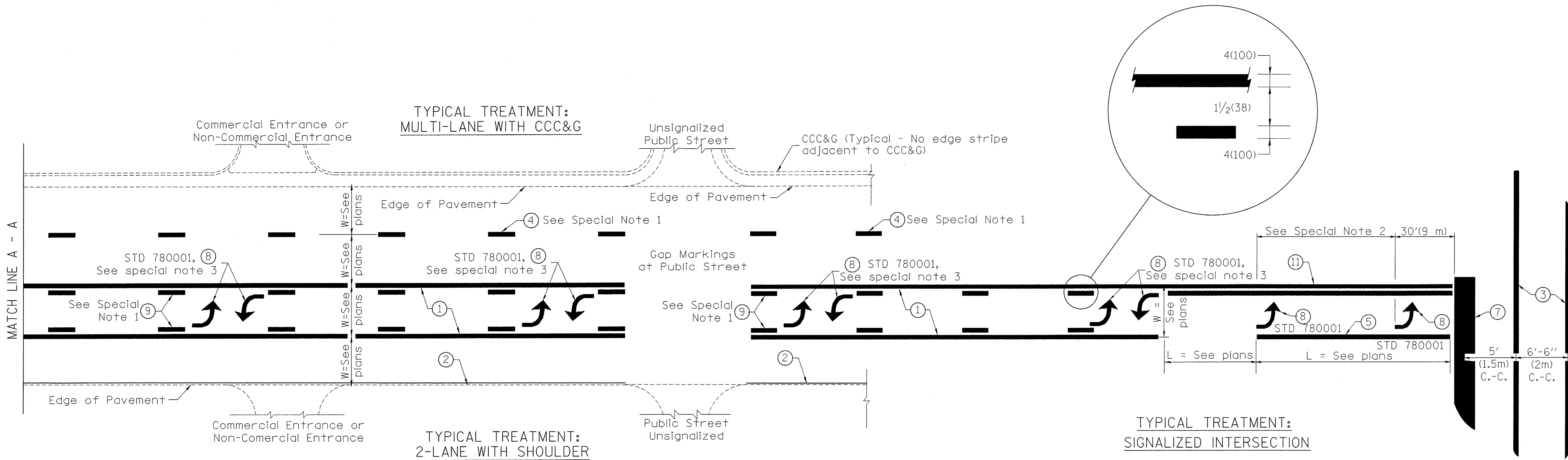
All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. D-3.01, NEW REVISION BOX, REVISED	T.P.	10-16-06	REVISED TO 2007 SPEC.	M.A.
	TITLE BOX, ADD DESIGNER NOTE		01-04-11	REVISED FOR CORRECTIONS	R.D.
07-07-98	ADD DESIGNER NOTE	J.A.	08-21-13	CHANGED MIN. DIAMETER	R.D.
05-24-06	REMOVED GEN. NOTE UNDER TIES	M.A.	08-25-15	REVISED MATERIAL	R.D.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PERMANENT SURVEY TIE &
PERMANENT SURVEY MARKERS TY.I - TY.II
NOT TO SCALE
CADD STD. 667101-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			72	55
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**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) ⑩
- ⑪ 4(100) Double Solid (Yellow) ⑪

SPECIAL NOTES

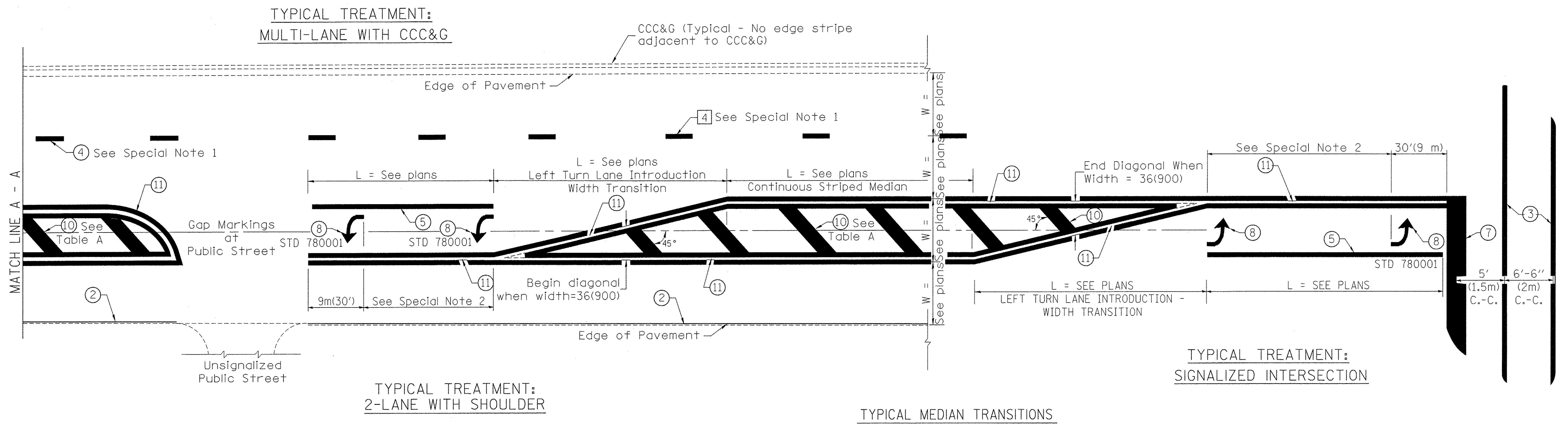
1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows 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.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL PAVEMENT MARKINGS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.					381	09-00342-00-PW	PEORIA	72	56
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.					387				CONTRACT NO. 89572
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.					SHT. 1 OF 2 CADD STD. 780001-D4 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

NOT TO SCALE

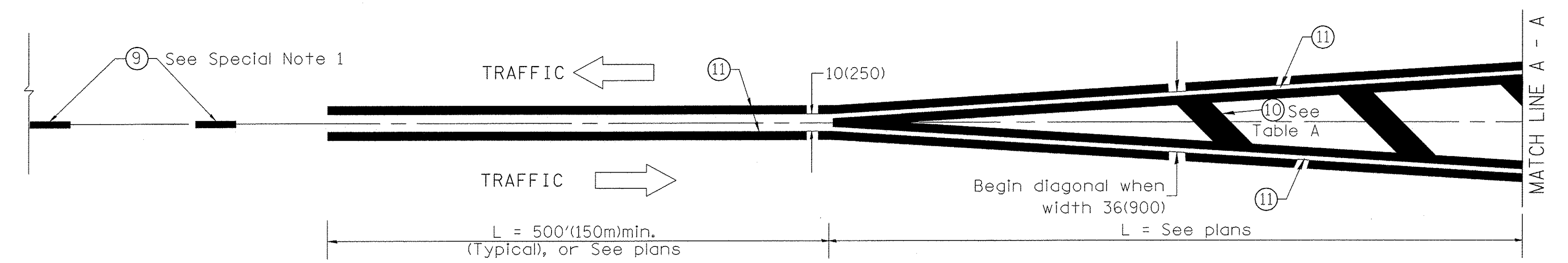


FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

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)



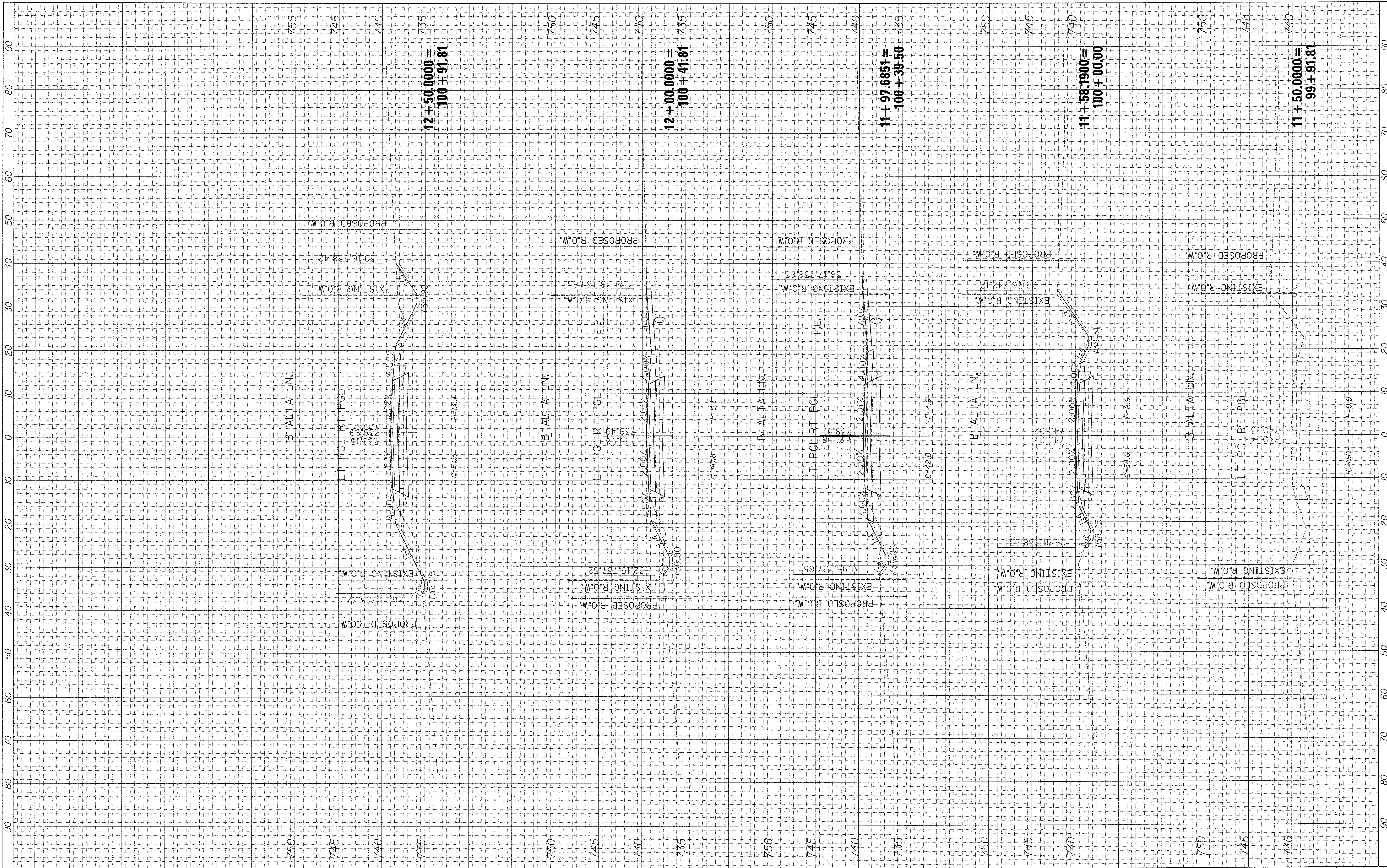
MEDIAN INTRODUCTION - WIDTH TRANSITIONS

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

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS CHECKED		
NO.		

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PLOT SCALE = 10.0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 1/3/2017	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALTA LANE /RADNOR ROAD INTERSECTION (ALTA LANE)
CROSS SECTIONS**

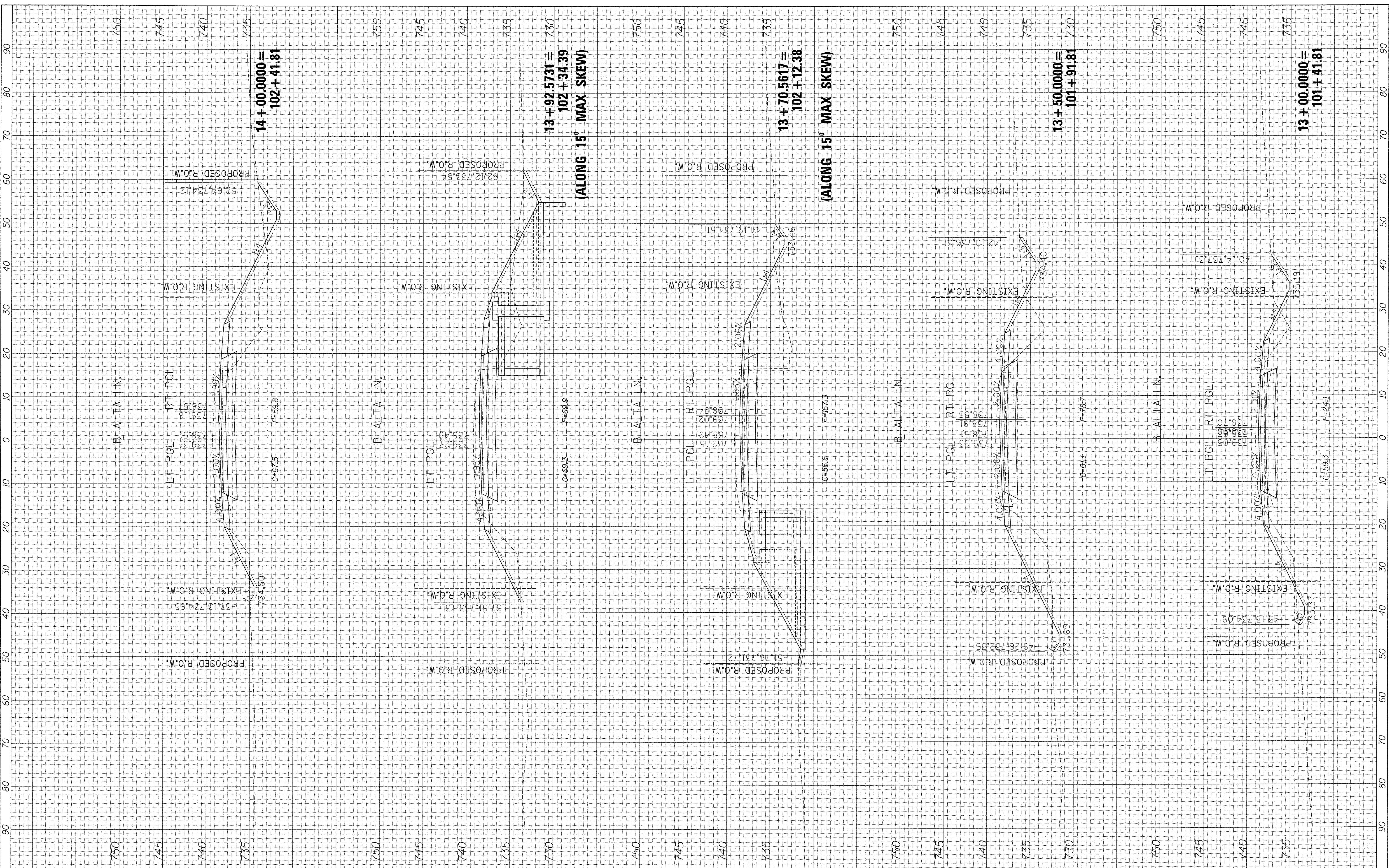
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	58
387	CONTRACT NO. 89572			
[ILLINOIS] FED. AID PROJECT				

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

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

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MAURER-STUTZ
 ENGINEERS SURVEYORS

USER NAME = willowis
 PLOT SCALE = 10.0000' / 1" IN.
 PLOT DATE = 1/3/2017

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANE /RADNOR ROAD INTERSECTION (ALTA LANE)
CROSS SECTIONS

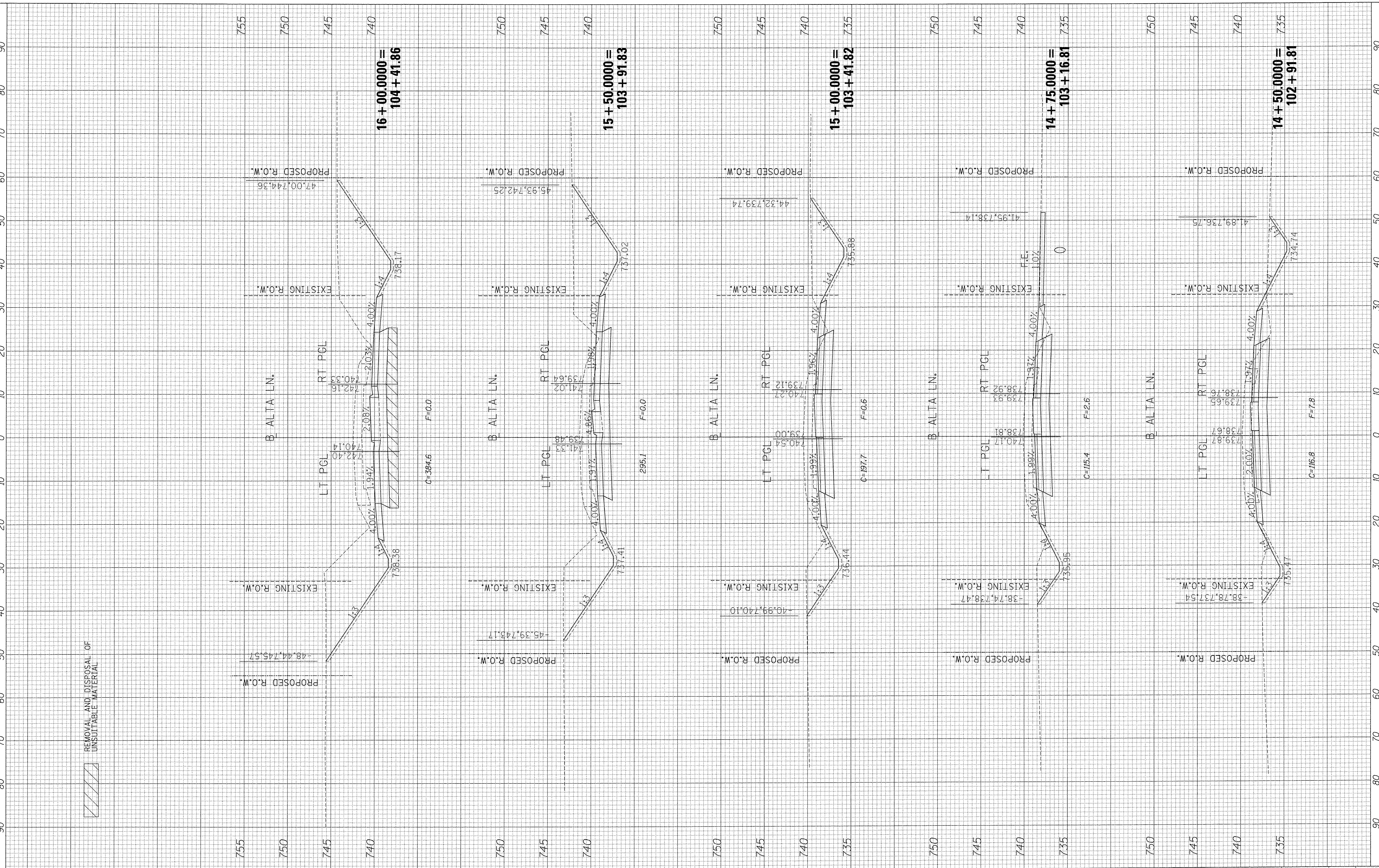
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F.A.S. RTE. 381	SECTION 09-00342-00-PW	COUNTY PEORIA	TOTAL SHEETS 72	SHEET NO. 59
CONTRACT NO. 89572			ILLINOIS FED. AID PROJECT	

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

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

FILE NAME: S:\237\2010\23710010.dwg
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MAURER-STUTZ
ENGINEERS SURVEYORS

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PLOT SCALE = 10.0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 1/3/2017	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALTA LANE /RADNOR ROAD INTERSECTION (ALTA LANE)
CROSS SECTIONS**

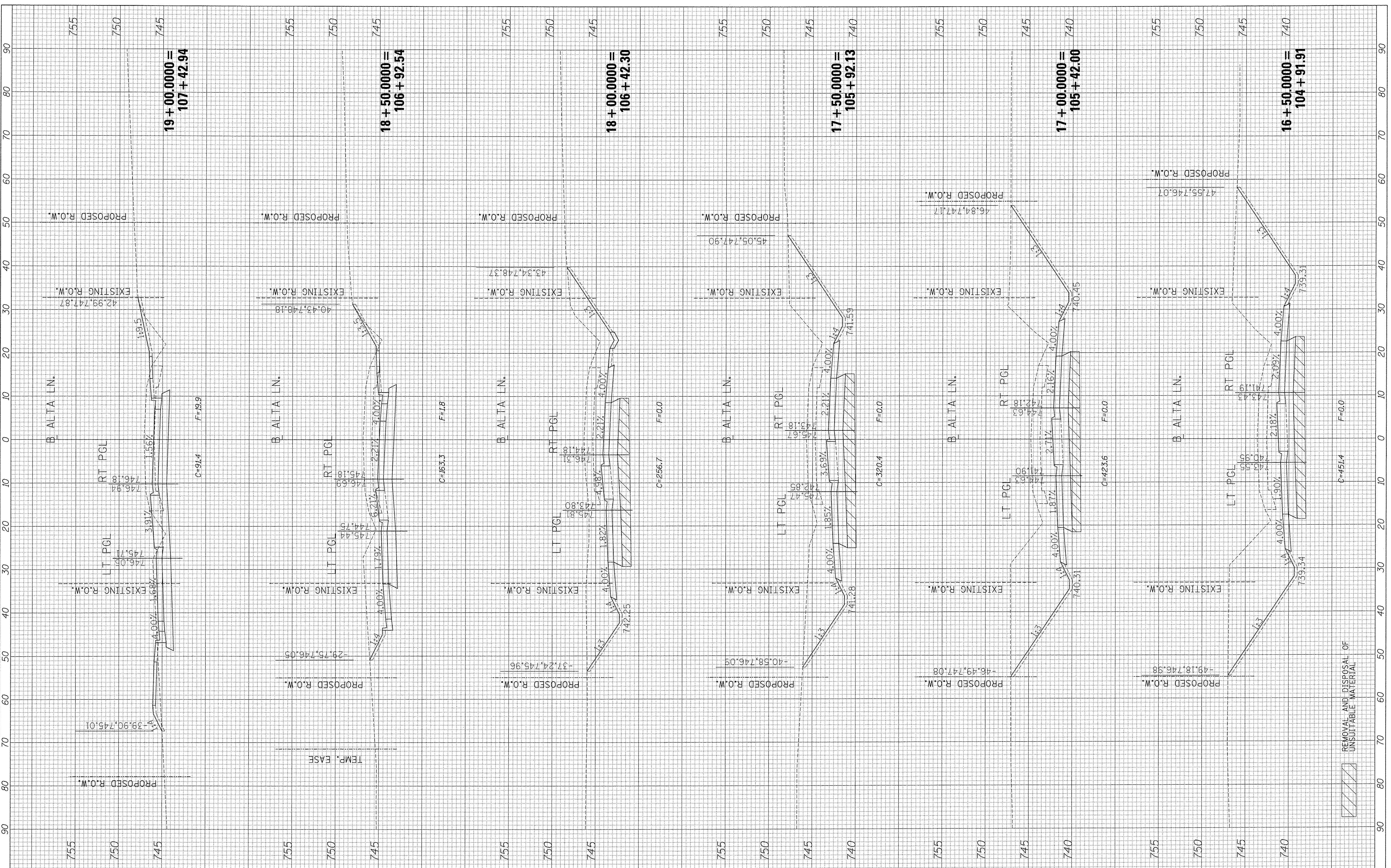
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F.A.S. RTE. 381	SECTION 09-00342-00-PW	COUNTY PEORIA	TOTAL SHEETS 72	SHEET NO. 60
387	CONTRACT NO. 89572		ILLINOIS FED. AID PROJECT	

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS CHECKED		
NO.		

FILE NAME: S:\237\2010\23710010\1011a-Radnor Intersection\CADD\CADD Sheets\0495972-plt-vse-AltA.dgn



MAURER-STUTZ
ENGINEERS SURVEYORS

USER NAME = wllowis
 PLOT SCALE = 10.0000' / 1" = 100
 PLOT DATE = 1/3/2017

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANE /RADNOR ROAD INTERSECTION (ALTA LANE)
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 16+50.0000 TO STA. 19+00.0000

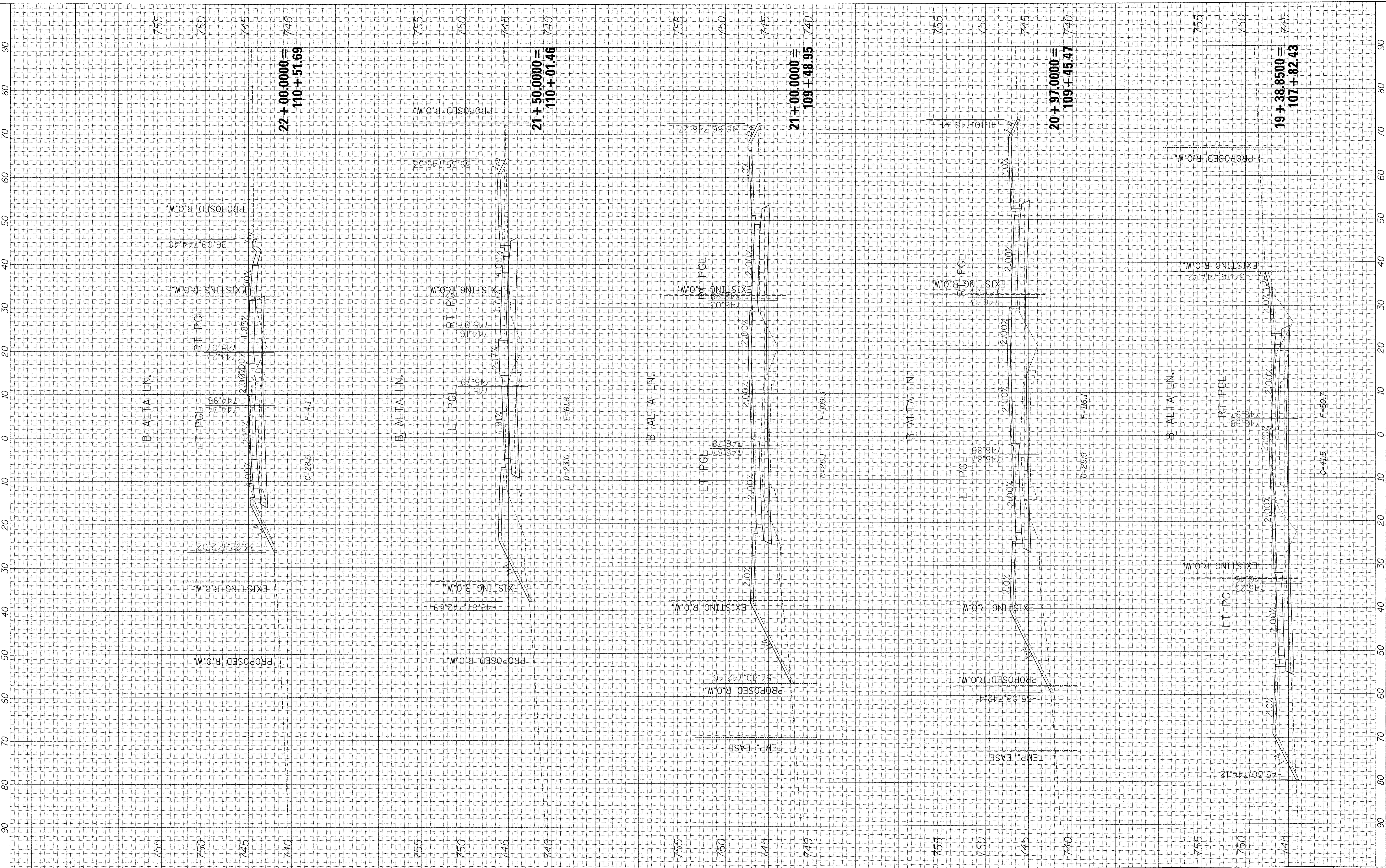
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	61
387	CONTRACT NO. 89572		ILLINOIS FED. AID PROJECT	

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

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

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

FILE NAME: S:\237\2010\237\0010 (Alta-Radnor Intersection)\CADD\CADD Sheets\049572-ent-sec-Alta.dgn



MAURER-STUTZ
ENGINEERS SURVEYORS

USER NAME = willow
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -
 PLOT SCALE = 10.0000' / 1" IN.
 PLOT DATE = 1/3/2017

DESIGNED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANE /RADNOR ROAD INTERSECTION (ALTA LANE)
CROSS SECTIONS

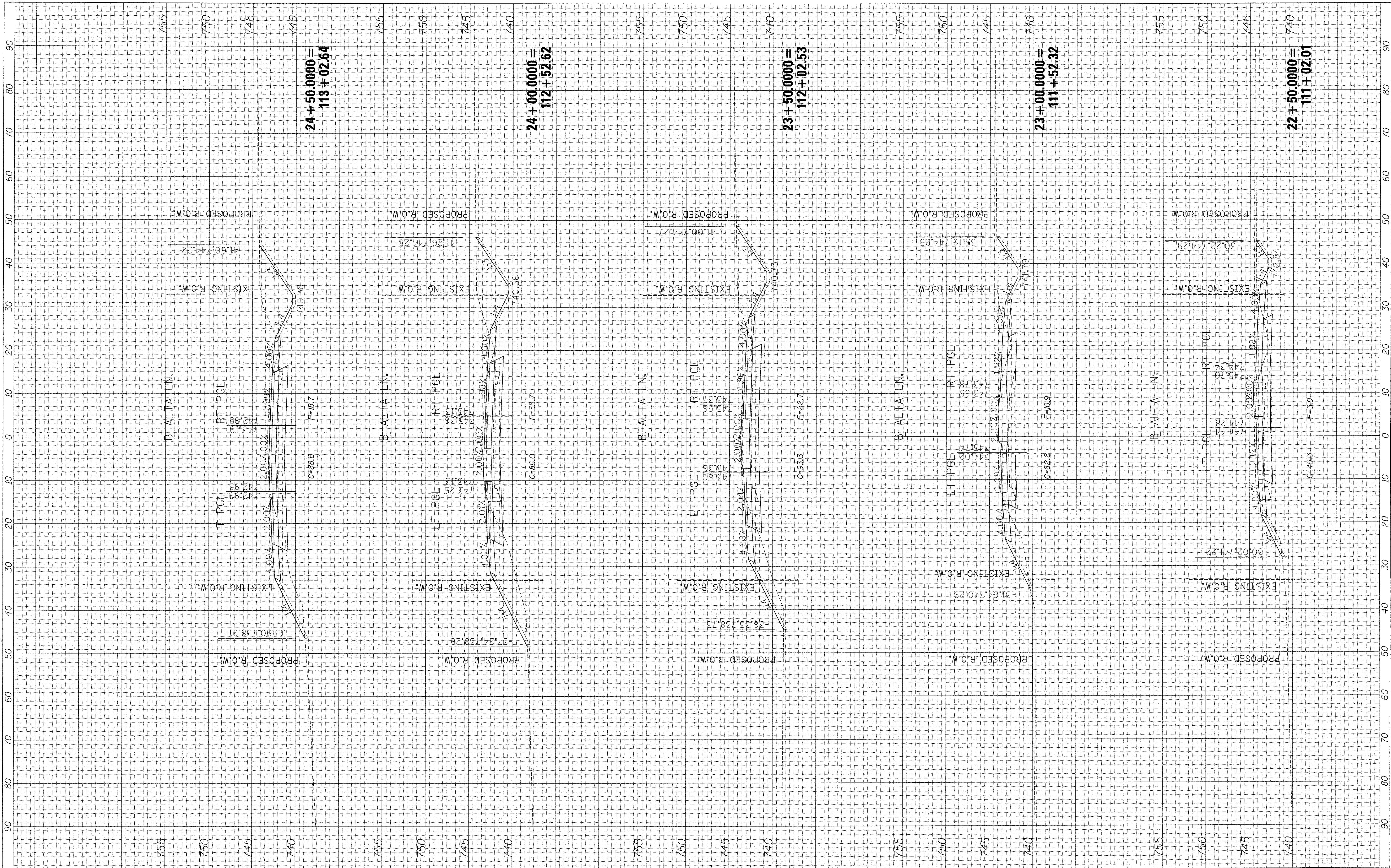
SCALE: SHEET OF SHEETS STA. 19+38.8500 TO STA. 22+00.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	62
387	CONTRACT NO. 89572			
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	BY	DATE
DESIGNED		
DRAWN		
CHECKED		
DATE		

ORIGINAL SURVEY NO.	BY	DATE
DESIGNED		
DRAWN		
CHECKED		
DATE		

FILE NAME: S:\237\2010\23710010 d11a-Radnor Intersection\CADD\Sheet\0489572-apt-xxe-AltA.dgn



MAURER-STUTZ
ENGINEERS SURVEYORS

USER NAME = willows
 PLOT SCALE = 10.0000' / 1" IN.
 PLOT DATE = 1/3/2017

DESIGNED -
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REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANE / RADNOR ROAD INTERSECTION (ALTA LANE)
CROSS SECTIONS

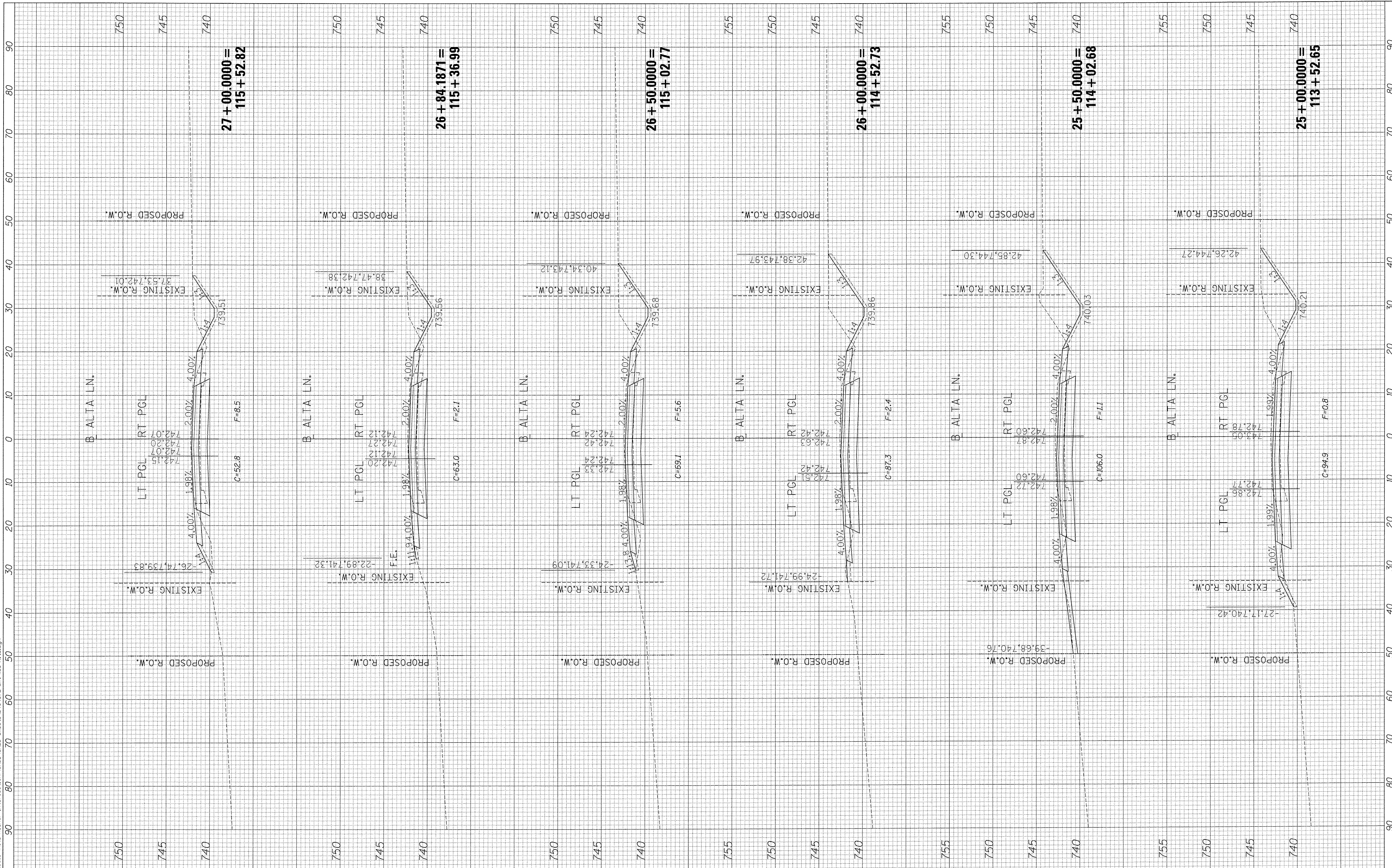
SCALE: SHEET OF SHEETS STA. 22+50.0000 TO STA. 24+50.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	63
387				CONTRACT NO. 89572
[ILLINOIS] FED. AID PROJECT				

FINAL SURVEY	DATE
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

FILE NAME: S:\237\2010\23710010\Alta-Radnor-Intersection\CAD\CADD_Sheets\049572-ait-ssc-Alta.dgn



MAURER-STUTZ
ENGINEERS SURVEYORS

USER NAME = willowis
PLOT SCALE = 10.0000' / 1" /
PLOT DATE = 1/3/2017

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANE /RADNOR ROAD INTERSECTION (ALTA LANE)
CROSS SECTIONS

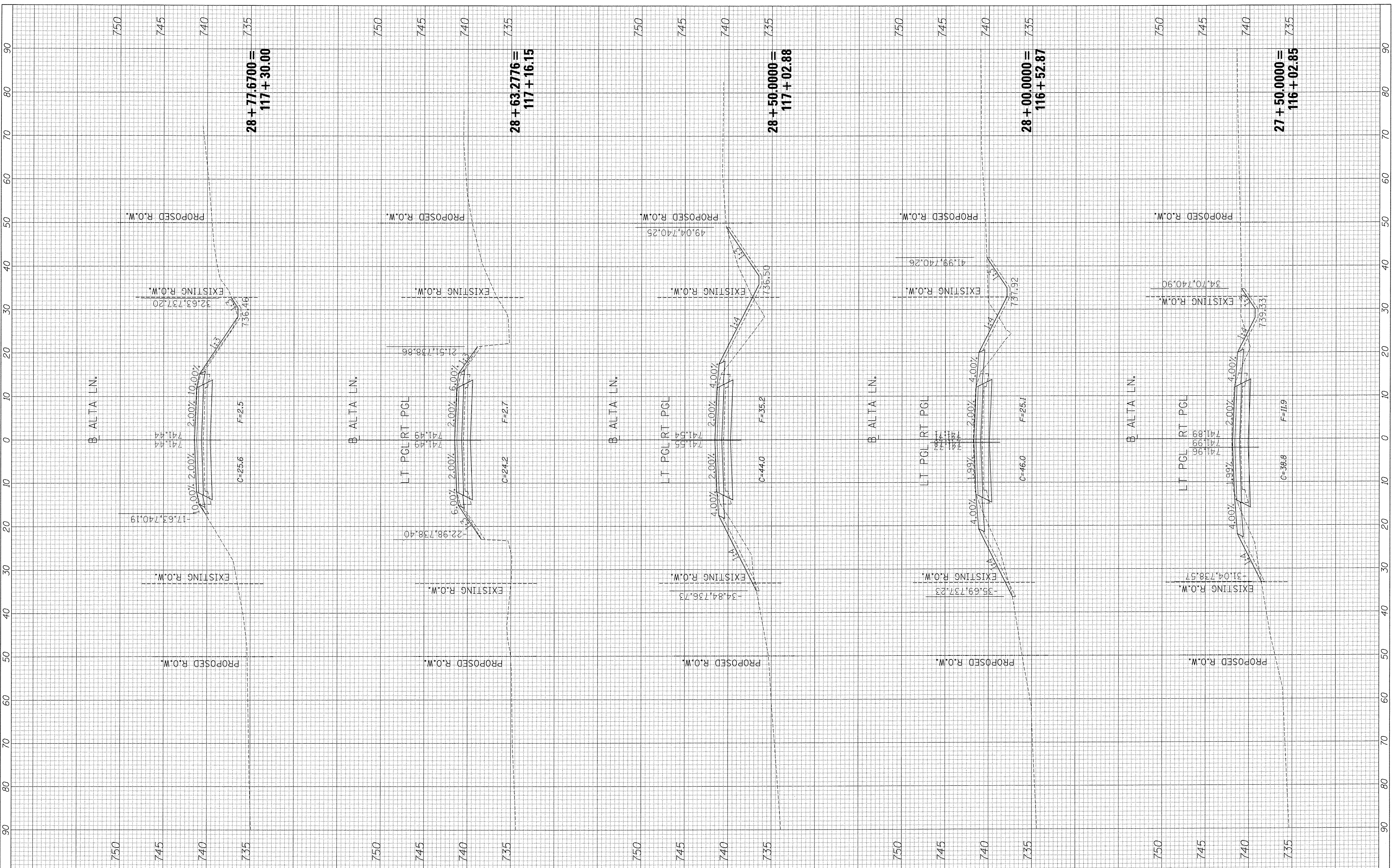
SCALE: SHEET OF SHEETS STA. 25+00.0000 TO STA. 27+00.0000

F.A.S. RTE. 381	SECTION 09-00342-00-PW	COUNTY PEORIA	TOTAL SHEETS 72	SHEET NO. 64
387	CONTRACT NO. 89572		ILLINOIS FED. AID PROJECT	

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
AREAS CHECKED		
NO.		

FILE NAME: S:\237\2010\23710010 041a-Radnor-Intersection\CADD Sheets\0409572-aht-xse-AltA.dgn



MAURER-STUTZ
ENGINEERS SURVEYORS

USER NAME = willowis
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CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA LANE /RADNOR ROAD INTERSECTION (ALTA LANE)
CROSS SECTIONS

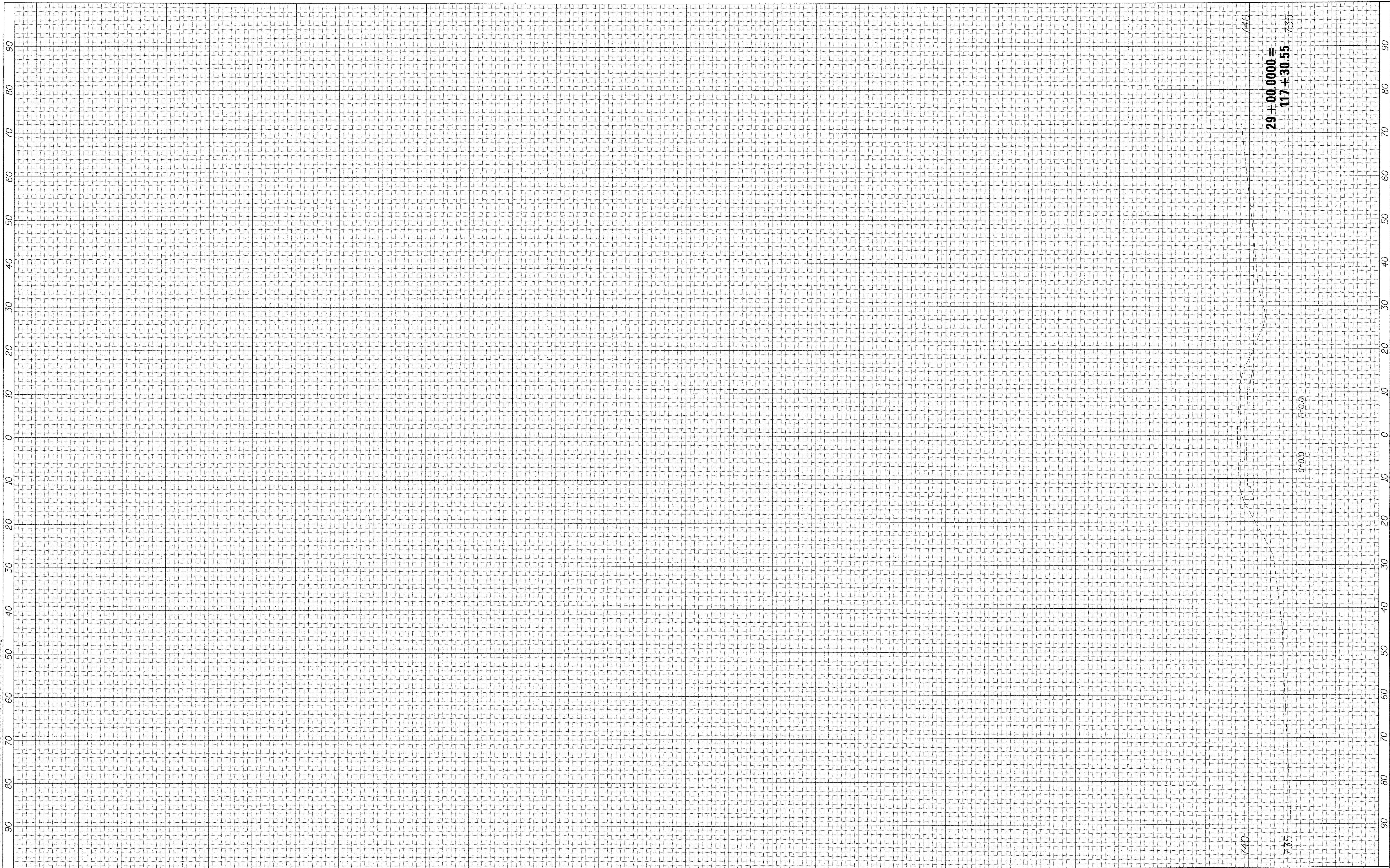
SCALE: SHEET OF SHEETS STA. 27+50.0000 TO STA. 28+77.6700

F.A.S. RTE. 381	SECTION 09-00342-00-PW	COUNTY PEORIA	TOTAL SHEETS 72	SHEET NO. 65
387		CONTRACT NO. 89572	ILLINOIS FED. AID PROJECT	

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

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

FILE NAME: S:\237\2010\23710010 ALta-Radnor Intersection\CADD\CADD Sheets\0489572-sht-xse-Alt.a.dgn



USER NAME = willowis	DESIGNED -	REVISED -
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PLOT DATE = 1/3/2017	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALTA LANE /RADNOR ROAD INTERSECTION (ALTA LANE)
CROSS SECTIONS**

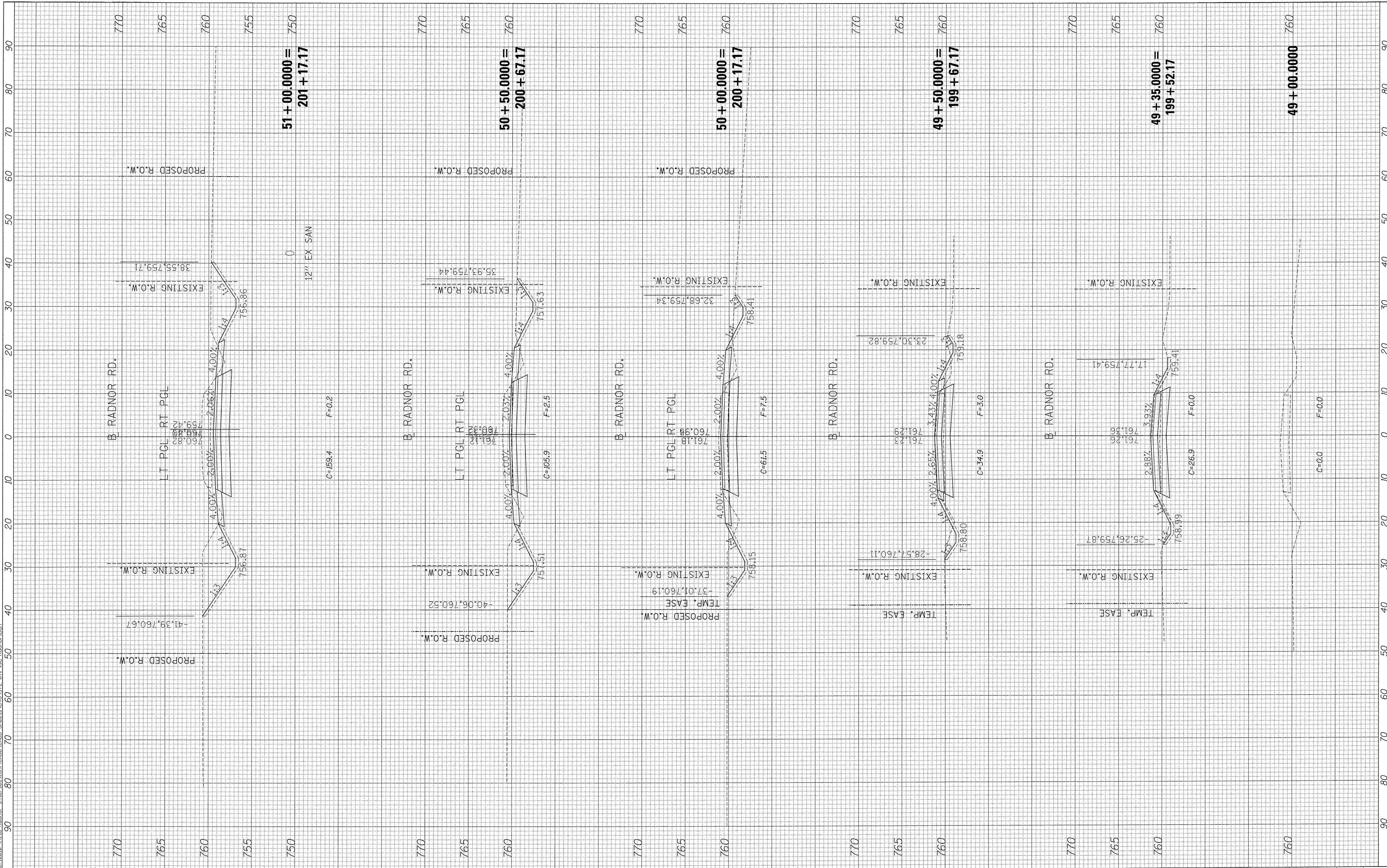
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	66
387	CONTRACT NO. 89572			
[ILLINOIS] FED. AID PROJECT				

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

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

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MAURER-STUTZ
ENGINEERS SURVEYORS

USER NAME = williams
PLOT SCALE = 10.0000' / 1" =
PLOT DATE = 1/3/2017

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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA RD/RADNOR RD INTERSECTION (RADNOR ROAD)
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 49+00.0000 TO STA. 51+00.0000

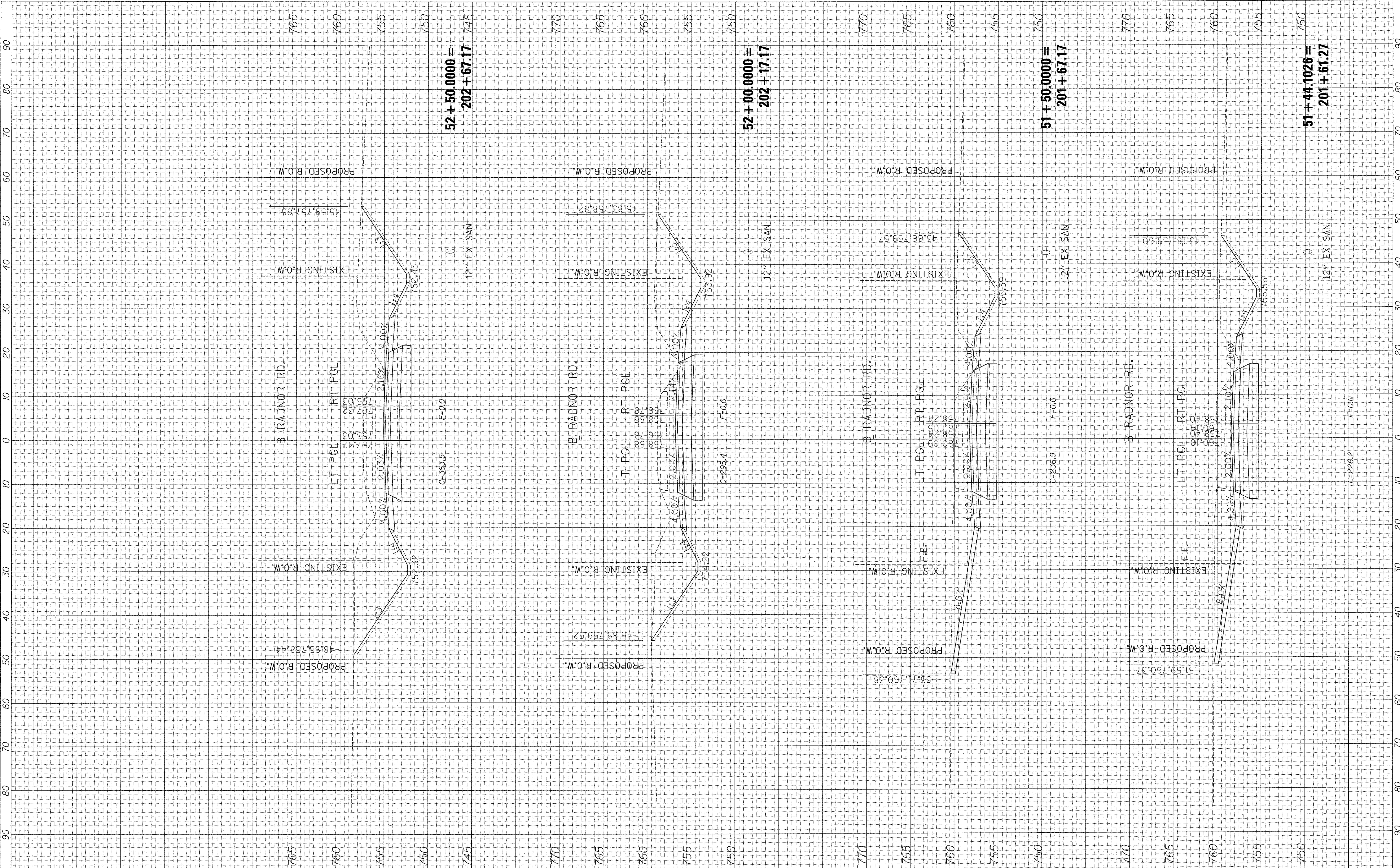
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	67
387				CONTRACT NO. 89572
[ILLINOIS] FED. AID PROJECT				

FINAL SURVEY NO.	BY	DATE
DESIGNED		
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TEMPLATE		
AREAS CHECKED		

ORIGINAL SURVEY NO.	BY	DATE
DESIGNED		
PLOTTED		
TEMPLATE		
AREAS CHECKED		

FILE NAME = SA:\237A\2010\23710210.dwg

INTERSECTION: ALTA-RADNOR-INTERSCT\001-CADD-Sheets\4489572-sh1-xsc-Radnor.dgn



52 + 50.0000 =
202 + 67.17

52 + 00.0000 =
202 + 17.17

51 + 50.0000 =
201 + 67.17

51 + 44.1026 =
201 + 61.27



USER NAME = willowis
 PLOT SCALE = 10.0000' / 1" =
 PLOT DATE = 1/3/2017

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALTA RDRADNOR RD INTERSECTION (RADNOR ROAD)
 CROSS SECTIONS

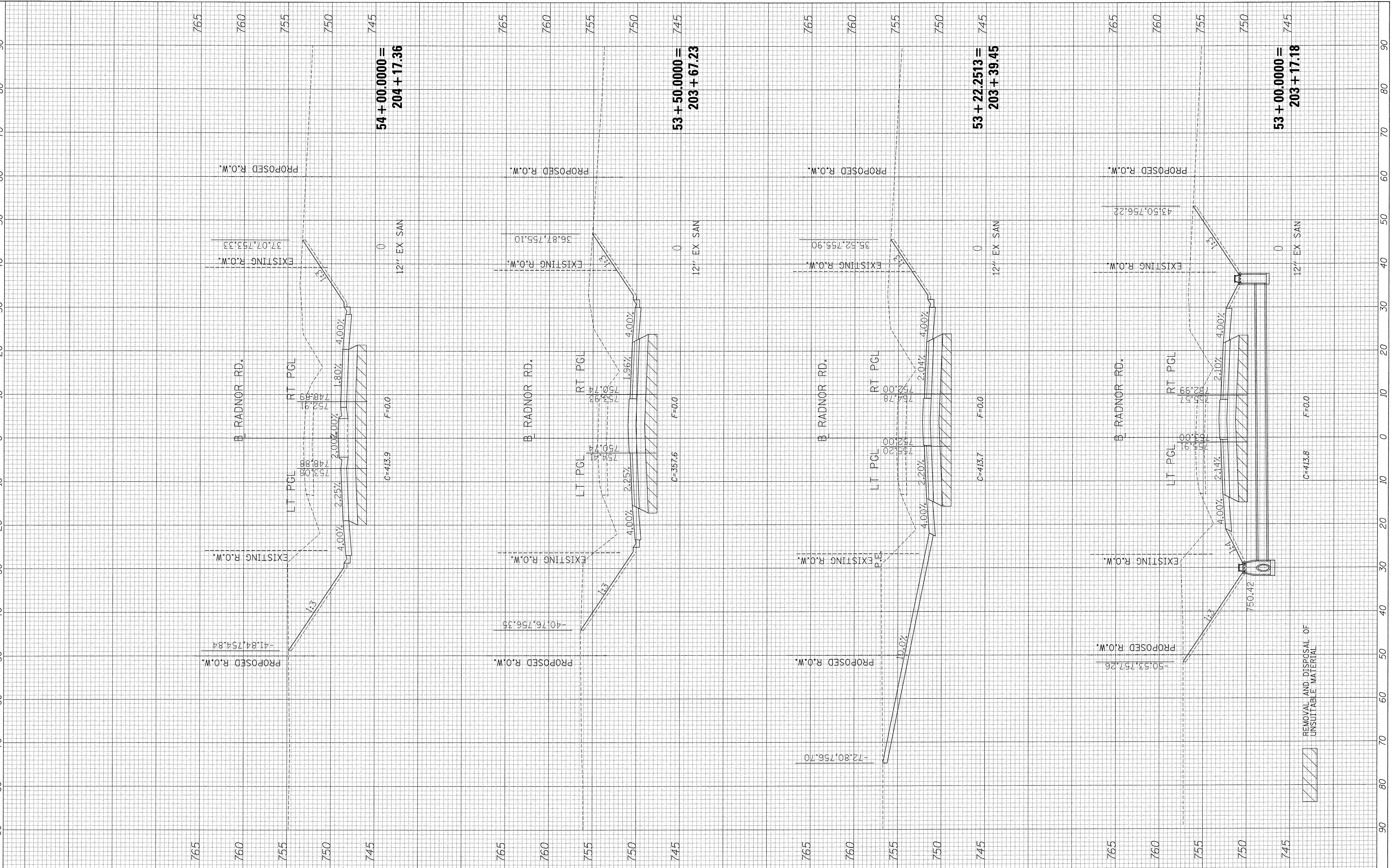
SCALE: SHEET OF SHEETS STA. 51+44.1026 TO STA. 52+50.0000

F.A.S. RTE. 381	SECTION 09-00342-00-PW	COUNTY PEORIA	TOTAL SHEETS 72	SHEET NO. 68
387	CONTRACT NO. 89572		ILLINOIS FED. AID PROJECT	

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS CHECKED		
NO.		

FIRMAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS CHECKED		
NO.		

FILE NAME = S:\237\2018\237-0018 - Alta-Radnor-Intersection\CADD_Sheets\0489572-ht-xsc-Radnor.dgn



MAURER-STUTZ
ENGINEERS SURVEYORS

USER NAME = wllowis
DESIGNED -
DRAWN -
PLOT SCALE = 10.0000' / 1"
CHECKED -
PLOT DATE = 1/3/2017
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALTA RDRADNOR RD INTERSECTION (RADNOR ROAD)
CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 53+00.0000 TO STA. 54+00.0000

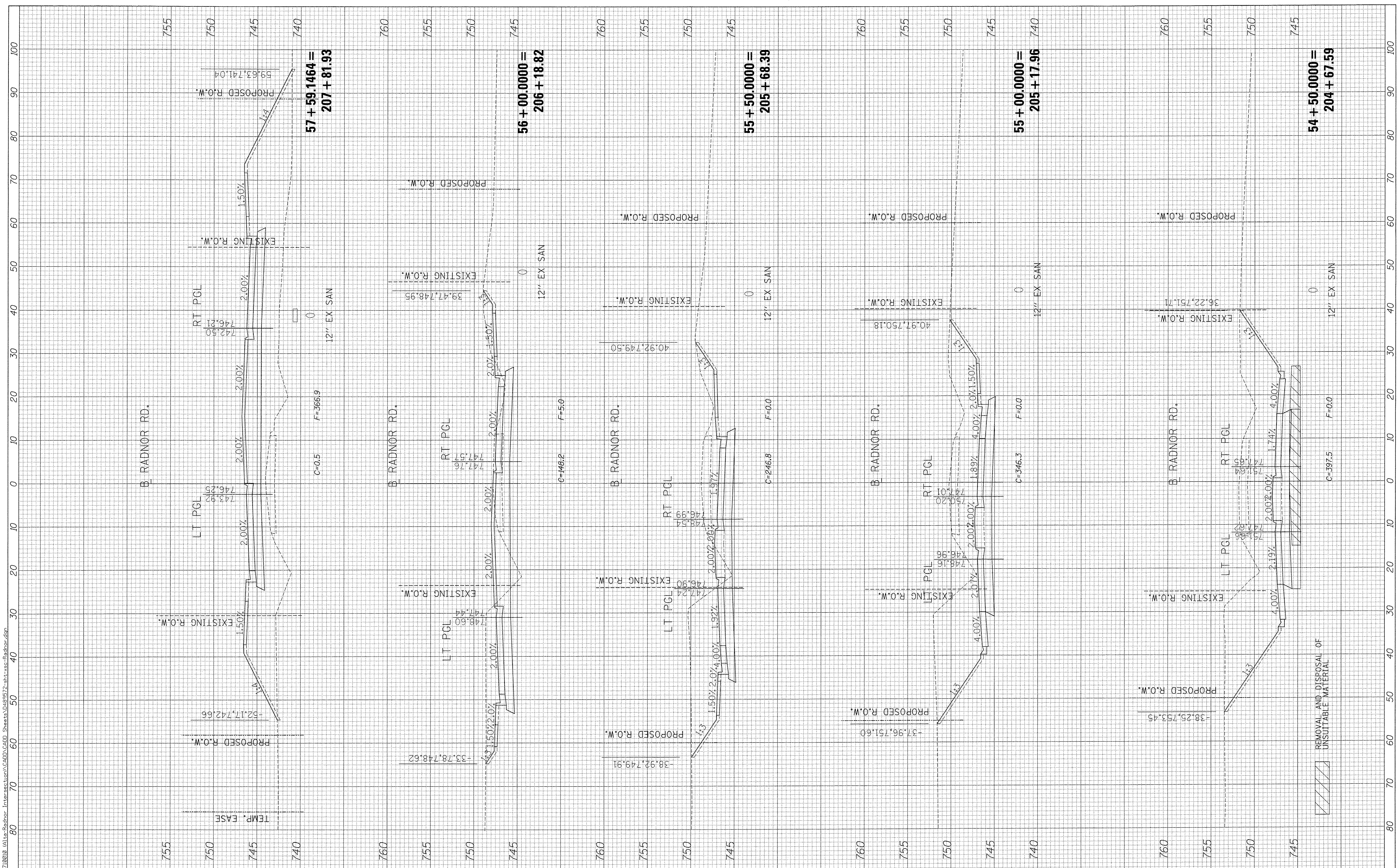
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	69
387				
CONTRACT NO. 89572			ILLINOIS FED. AID PROJECT	

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

ORIGINAL SURVEY	NO.
NOTED SURVEY	NO.
PLOTTED	NO.
TEMP. AREAS CHECKED	NO.
FINAL SURVEY	NO.
PLATE	NO.
NOTE BOOK	NO.
AREAS CHECKED	NO.

BY	DATE

FILE NAME = SA\237\2018\237.0010 (Alt+Radnor_Intersection)\CADD\CADD_Sheets\DWG\572-ah+exc-Radnor.dwg



MAURER-STUTZ
ENGINEERS SURVEYORS

USER NAME = willowis
 PLOT SCALE = 10.0000' / 1" in.
 PLOT DATE = 1/3/2017

DESIGNED -
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 CHECKED -
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REVISED -
 REVISED -
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 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA RDRADNOR RD INTERSECTION (RADNOR ROAD)
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 54+50.0000 TO STA. 57+59.1464

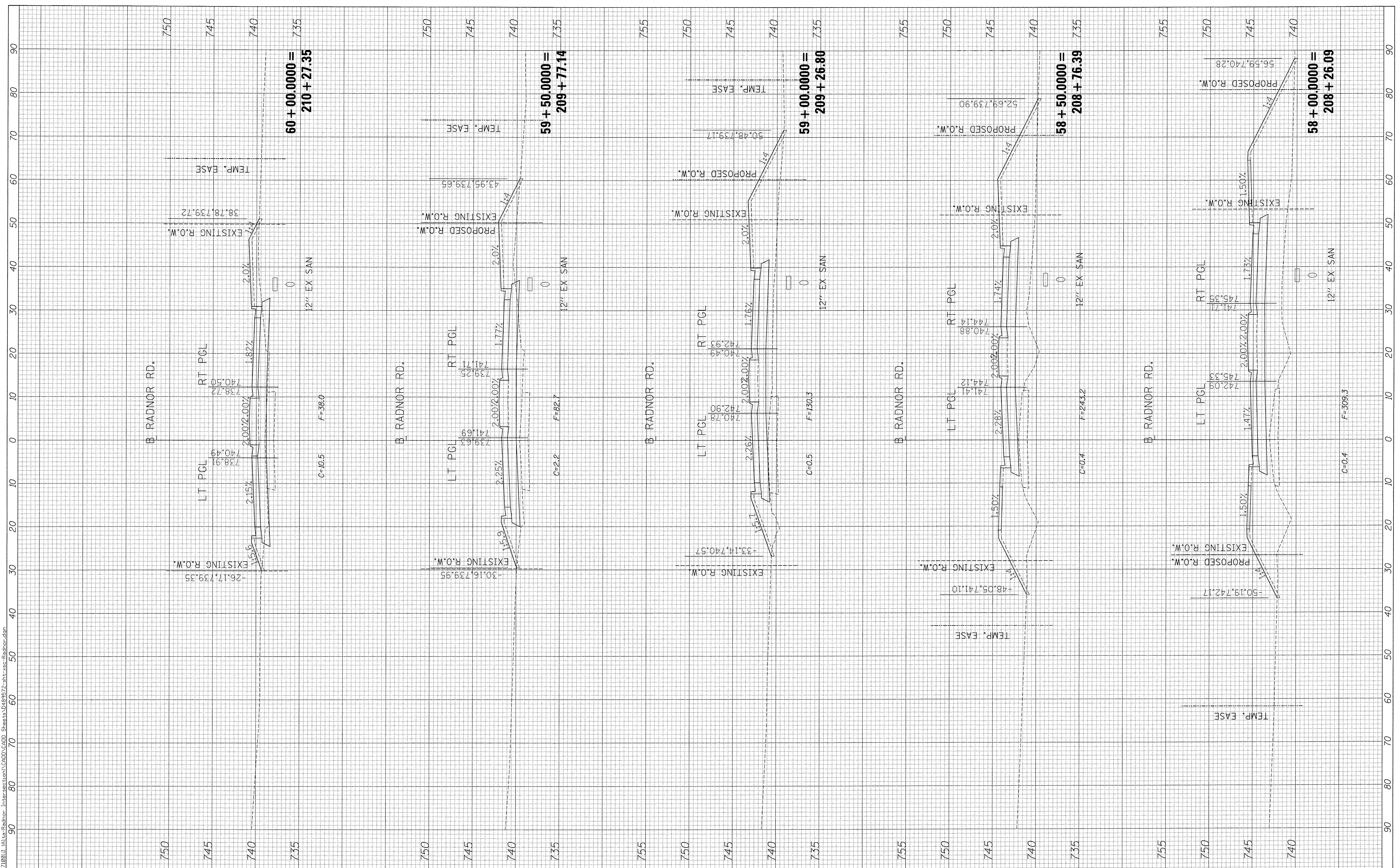
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	70
387	CONTRACT NO. 89572			
ILLINOIS FED. AID PROJECT				

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

FINAL SURVEY NO.	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

ORIGINAL SURVEY NO.	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	

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USER NAME = willowis
 PLOT SCALE = 10,0000 / 1"
 PLOT DATE = 1/3/2017

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALTA RD/RADNOR RD INTERSECTION (RADNOR ROAD)
 CROSS SECTIONS

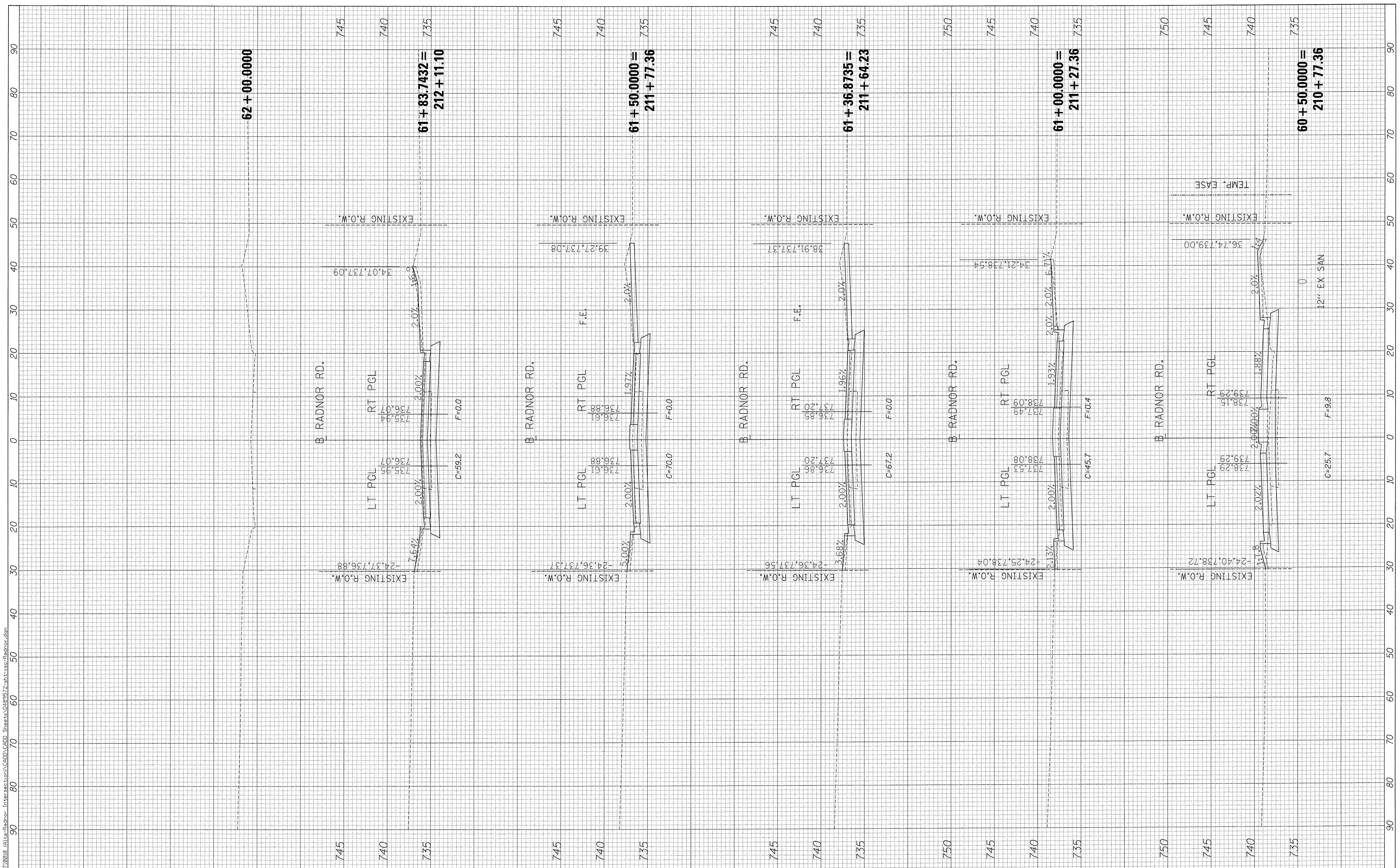
SCALE: SHEET OF SHEETS STA. 58+00.0000 TO STA. 60+00.0000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	09-00342-00-PW	PEORIA	72	71
387	CONTRACT NO. 89572			
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
AREAS CHECKED	

ORIGINAL SURVEY NO.	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
AREAS CHECKED	

FILE NAME = S:\237\2018\237\0218 - Alta-Radnor-Intersection\CAD\CADD Sheets\489572-sh-xss-Radnor.dgn



MAURER-STUTZ
ENGINEERS SURVEYORS

USER NAME = willowis	DESIGNED -	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN -	REVISED -
PLOT DATE = 1/3/2017	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALTA RD/RADNOR RD INTERSECTION (RADNOR ROAD)
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 60+50.0000 TO STA. 62+00.0000

F.A.S. RTE. 381	SECTION 09-00342-00-PW	COUNTY PEORIA	TOTAL SHEETS 72	SHEET NO. 72
387			CONTRACT NO. 89572	
ILLINOIS FED. AID PROJECT				