1-20-2012 LETTING ITEM 047

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	1
	ILLINOIS	CONTRACT NO. 72D78		

INDEX OF SHEETS

HIGHWAY STANDARDS

000001–06
442201–03
701001–02
701006–03
701011–02
701201–04
701301–04
701306–03
701311–03
701501–05

701901–01
780001–02
781001–03

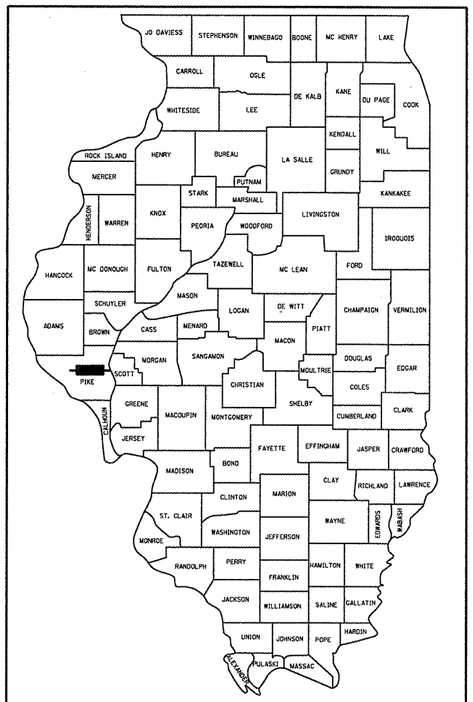
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

F.A.P. ROUTE 757 (IL 106)
SECTION 20RS–7
(3P) RESURFACING
PIKE COUNTY
PROJECT F-0757(009)

C–96–012–10

D–96–012–10



LOCATION OF SECTION INDICATED THUS: –

ADT: 1,600
MU: 8.0%
SU: 6.0%
PV: 86%

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

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

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED October 20 20 11
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
December 9 20 11
Scott E. Stitt, P.E. /bs
acting ENGINEER OF DESIGN AND ENVIRONMENT
December 9 20 11
William R. Frey /bs
Interim DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

PROJECT ENGINEER: JEFF MYERS (217) 782–4761
TEAM ENGINEER: MARCUS BRUCE (217) 524–0946

CONTRACT NO. 72D78

GROSS LENGTH = 39,523.51 FT. = 7.49 MILE
NET LENGTH = 39,523.51 FT. = 7.49 MILE

GENERAL NOTES

GENERAL NOTES

① WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS, MONUMENTS, AND PERMANENT SURVEY MARKERS UNTIL THE OWNER, AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSES OR OTHERWISE REFERENCED THEIR LOCATION.

② THE NOMINAL THICKNESS FOR BASE AND SURFACE COURSES ARE SHOWN ON THE TYPICAL SECTIONS, STANDARDS, SCHEDULES, OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE ABOVE ITEM SHALL NOT BE LESS THAN 90 PERCENT OF THE NOMINAL THICKNESS AT ANY LOCATION.

③ THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATION OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

④ ANY REFERENCE TO A STANDARD IN THE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THE PLANS.

⑤ THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE:

Location(s):	
Mixture Use(s):	Leveling Binder
PG:	PG 64-22
Design Air Voids:	4.0% @ N70
Mixture Composition:	IL 9.5
Friction Aggregate:	N/A

Location(s):	
Mixture Use(s):	Surface
PG:	SBS PG 70-22
Design Air Voids:	4.0% @ N70
Mixture Composition:	IL 9.5 or 12.5
Friction Aggregate:	Mix C

Location(s):	
Mixture Use(s):	Incidental
PG:	PG 64-22
Design Air Voids:	4.0% @ N50
Mixture Composition:	IL 9.5 or 12.5
Friction Aggregate:	Mix C

Location(s):	
Mixture Use(s):	Pavement Patching
PG:	PG 64-22
Design Air Voids:	4.0% @ N70
Mixture Composition:	IL 19.0
Friction Aggregate:	N/A

⑥ UNLESS NOTED OTHERWISE, STATIONS AND OFFSETS REFER TO CENTERLINE OF PROJECT.

⑦ EARTH EXCAVATION REQUIRED FOR CUTTING OF DITCH FROM STATION 4+32 TO 7+82, 26+78 TO 27+08 AND 64+65 TO 64+90, WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF STONE RIP RAP, CLASS A4. THE EXACT LOCATION WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH POSITIVE DRAINAGE AND TO VERIFY THE LAYOUT WITH THE ENGINEER PRIOR TO ANY WORK.

⑧ LAYOUT OF RIP RAP MAY BE VARIED IN THE FIELD TO SUIT GROUND CONDITIONS AS DIRECTED BY THE ENGINEER.

⑨ IN ADDITION TO FIELD SURVEYS AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATIONS DUE TO A CHANGE IN THE SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

RATES OF APPLICATION TABLES

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES.

BITUMINOUS MATERIALS (PRIME COAT): 0.00038 TON / SQ YD
AGGREGATE MATERIALS (PRIME COAT): 0.002 TON / SQ YD
HOT-MIX ASPHALT SURFACE LEVELING BINDER (112 LBS): 0.056 TON / SQ YD • in
HOT-MIX ASPHALT SURFACE MIX D (112 LBS): 0.056 TON / SQ YD • in
AGGREGATE MATERIALS: 2.05 TON / CU YD

COMMITMENTS

THE RESIDENT ENGINEER SHALL CONTACT STUDIES AND PLANS ON ANY MAJOR PLAN CHANGES MADE DURING CONSTRUCTION.

DISTRICT SIX
EXAMINED October 5 20 11 — OPERATIONS ENGINEER
EXAMINED OCTOBER 12 20 11 — PROJECT IMPLEMENTATION ENGINEER
EXAMINED October 20 20 11 — PROGRAM DEVELOPMENT ENGINEER

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND INDEX OF SHEETS

SCALE: | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20BRS-7	PIKE	39	2
		CONTRACT NO. 72D78		
	ILLINOIS	FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			(0005) 80% FEDERAL / 20% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY
28100207	STONE RIPRAP, CLASS A4	TON	764
28200200	FILTER FABRIC	SQ YD	1,175
35100100	AGGREGATE BASE COURSE TYPE A	TON	83
35800100	PREPARATION OF BASE	SQ YD	13
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	397
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	46.8
40600300	AGGREGATE (PRIME COAT)	TON	.239
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	4,981
40600895	CONSTRUCTING TEST STRIP	EACH	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	3,611
40600990	TEMPORARY RAMP	SQ YD	971
40603515	POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, MIXC, N70	TON	10,015
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	445
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	22,706
44000400	GUTTER REMOVAL	FOOT	15
44200164	PAVEMENT PATCHING, TYPE I, 14 INCH	SQ YD	55
44200168	PAVEMENT PATCHING, TYPE II, 14 INCH	SQ YD	147
44200172	PAVEMENT PATCHING, TYPE III, 14 INCH	SQ YD	88
44200174	PAVEMENT PATCHING, TYPE IV, 14 INCH	SQ YD	28

SUMMARY OF QUANTITIES			(0005) 80% FEDERAL / 20% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1,803
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	2
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6
67100100	MOBILIZATION	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
~~70102622~~	~~TRAFFIC CONTROL AND PROTECTION, STANDARD 701502~~	~~L SUM~~	~~1~~
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	11,857
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,317
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	122,227
* 78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQ FT	49
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	555
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	555
X0326911	TRANSVERSE DRAINS COMPLETE	EACH	2
X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	27
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	96,469
Z0055300	RUMBLE STRIP	EACH	4

* SPECIALTY ITEM

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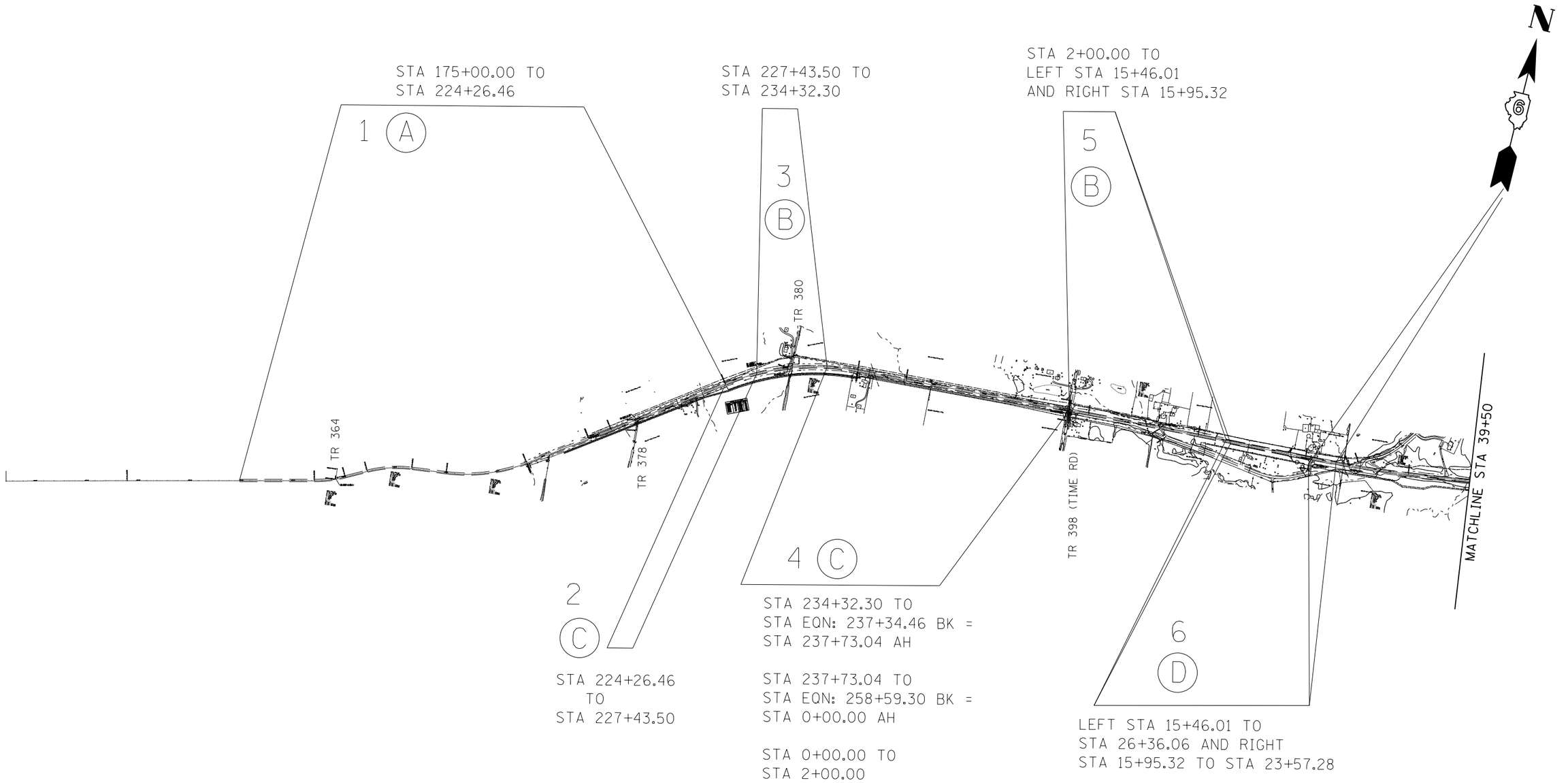
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
FAP 757 (IL 106)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	3
		CONTRACT NO. 72D78		
	ILLINOIS	FED. AID PROJECT		



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LETTERS REFER TO TYPICAL SECTION TYPE.

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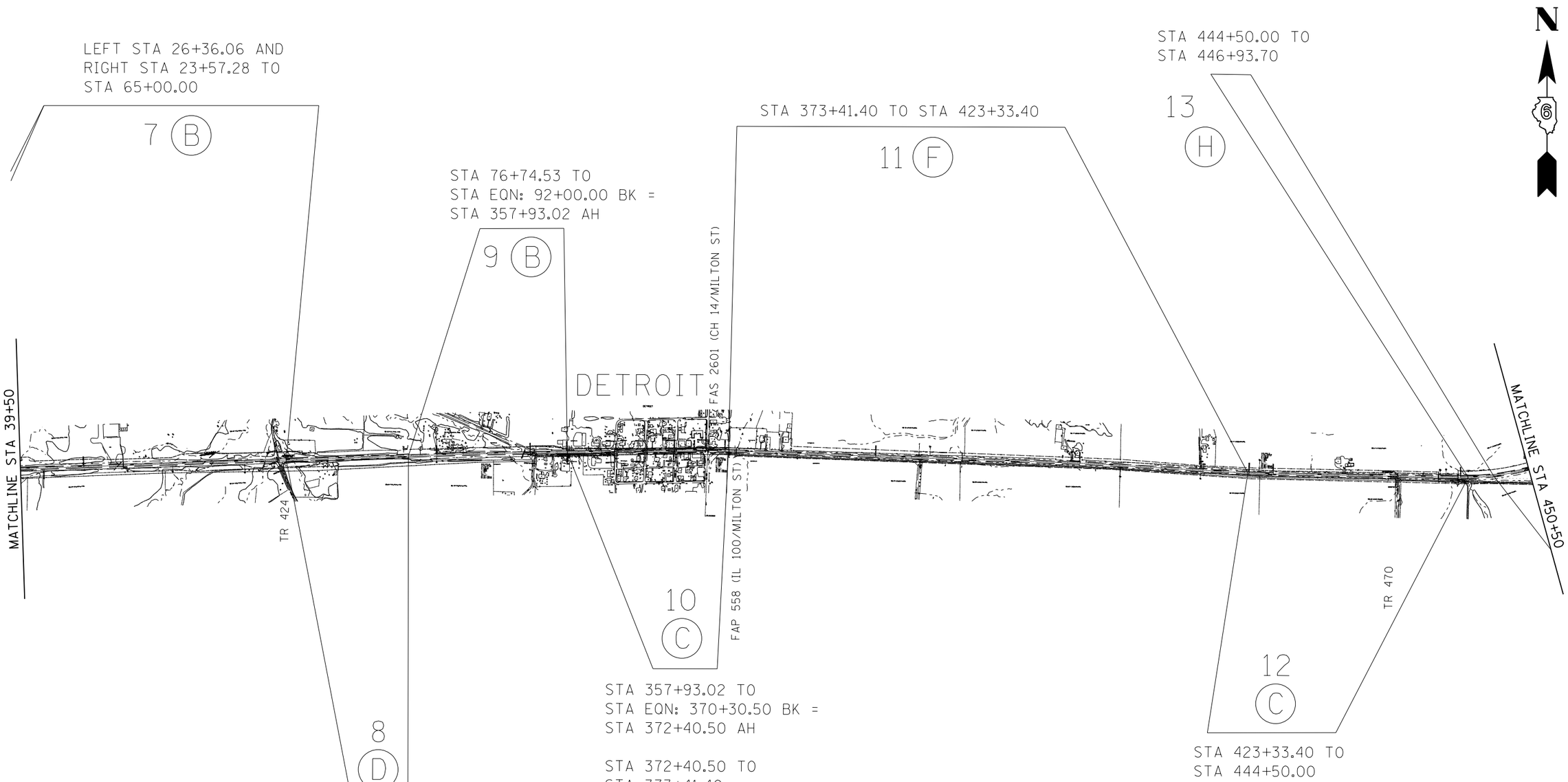
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION MAP
FAP 757 (IL 106)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	4
		CONTRACT NO. 72D78		
	ILLINOIS	FED. AID PROJECT		



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION MAP
FAP 757 (IL 106)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	5
		CONTRACT NO. 72D78		
	ILLINOIS FED. AID PROJECT			

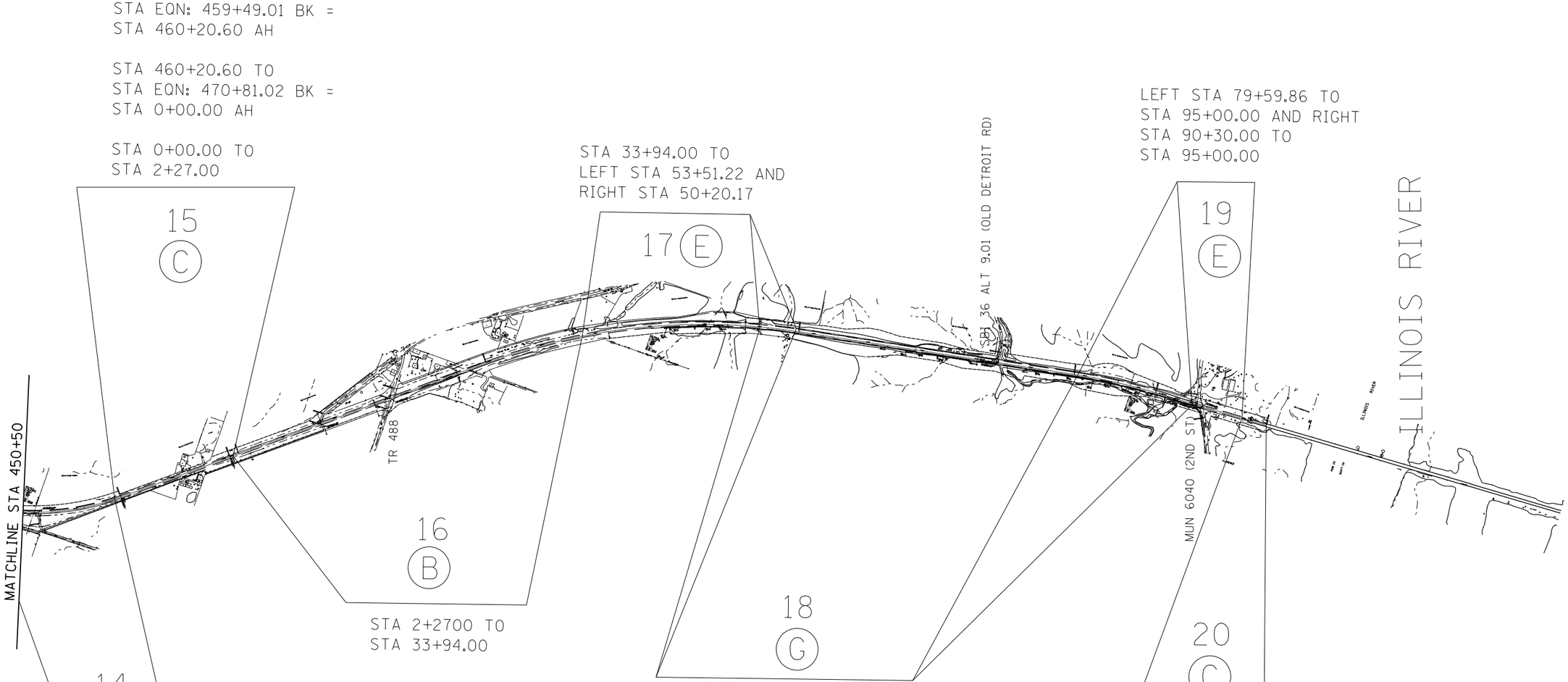
STA 458+87.86 TO
STA EQN: 459+49.01 BK =
STA 460+20.60 AH

STA 460+20.60 TO
STA EQN: 470+81.02 BK =
STA 0+00.00 AH

STA 0+00.00 TO
STA 2+27.00

STA 33+94.00 TO
LEFT STA 53+51.22 AND
RIGHT STA 50+20.17

LEFT STA 79+59.86 TO
STA 95+00.00 AND RIGHT
STA 90+30.00 TO
STA 95+00.00



STA 2+2700 TO
STA 33+94.00

LEFT STA 53+51.22 TO
LEFT STA 79+59.86 AND
RIGHT STA 50+20.17 TO
RIGHT STA 90+30.00

STA 95+00.00 to
STA 97+30.87

LEFT STA 446+93.70
TO
STA 458+87.86

*NOTE: NUMBERS REFER TO ORDER OF TYPICAL SECTION SEQUENCE.
LETTERS REFER TO TYPICAL SECTION TYPE.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION MAP
FAP 757 (IL 106)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	5
		CONTRACT NO. 72D78		
		ILLINOIS FED. AID PROJECT		

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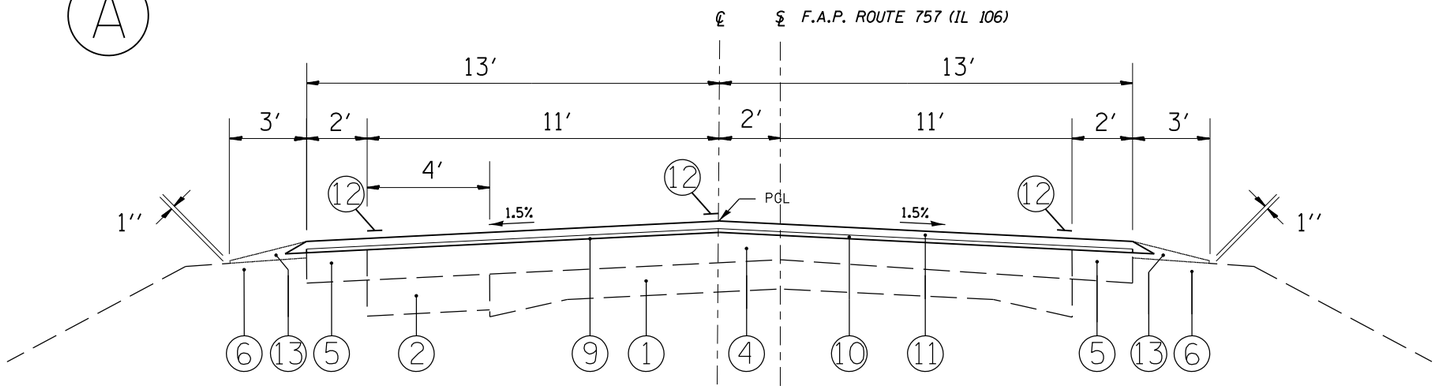
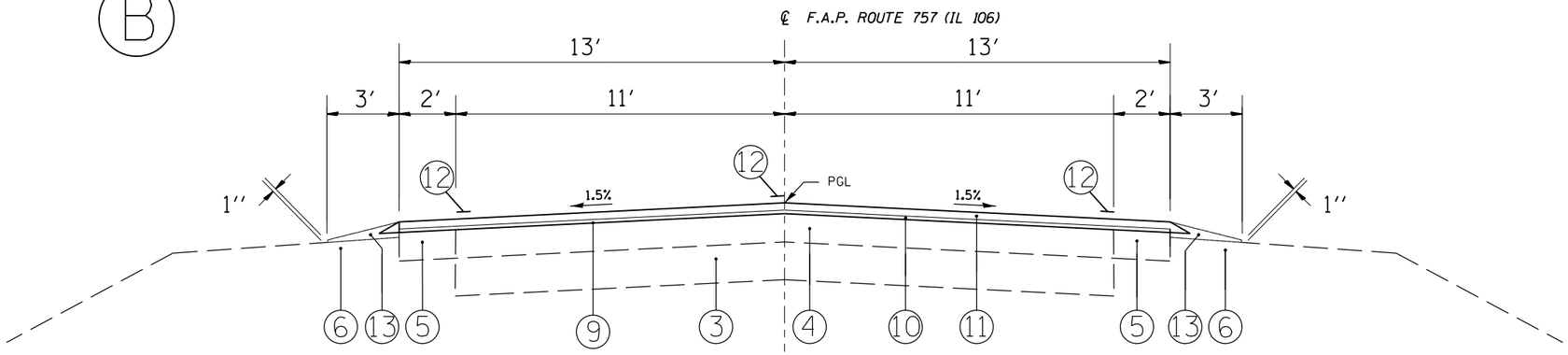


PART 1: STA 175+00.00 TO STA 224+26.46

B



PART 3: STA 227+43.50 TO 234+32.30
PART 5: STA 2+00.00 TO LEFT 15+46.01
AND RIGHT 15+95.32
PART 7: LEFT STA 26+36.06 AND RIGHT
STA 23+57.28 TO 65+00.00
PART 9: STA 76+74.53 TO 92+00.00 BK = STA 357+93.02 AH
PART 16: STA 2+27.00 TO 33+94.00

LEGEND

1. EX 9″-6″-9″ CONCRETE PAVEMENT
2. EX CONCRETE WIDENING 8″
3. EX CONCRETE BASE CSE 8″
4. EX 6″ BITUMINOUS CONCRETE SURFACE CSE
5. EX BITUMINOUS SHOULDERS 8″
6. EX AGGREGATE SHOULDERS TYPE B
7. EX CONCRETE GUTTER TYPE A
8. PR HMA SURFACE REMOVAL, 2 1/4″
9. PR HMA SURFACE REMOVAL, VARIABLE DEPTH
10. PR LEVELING BINDER (MM), N70, 3/4″
11. PR HMA SURFACE COURSE, MIX "C", N70 1 1/2″
12. PR PAINT PAVEMENT MARKING - LINE 5″
13. PR AGGREGATE SHOULDERS TYPE B

NOTE 1: TRANSITION CL FROM
2′-0″ LEFT OF SL AT STATION
224+26.48 TO SL STATION
237+37.6

TRANSITION CL FROM SL AT
STATION 370+49.7 TO 2′-0″ RIGHT
OF SL AT STATION
373+41.4

TRANSITION CL FROM 2′-0″ RIGHT
OF SL AT STATION 423+94.27 TO
SL AT STATION
426+27.57

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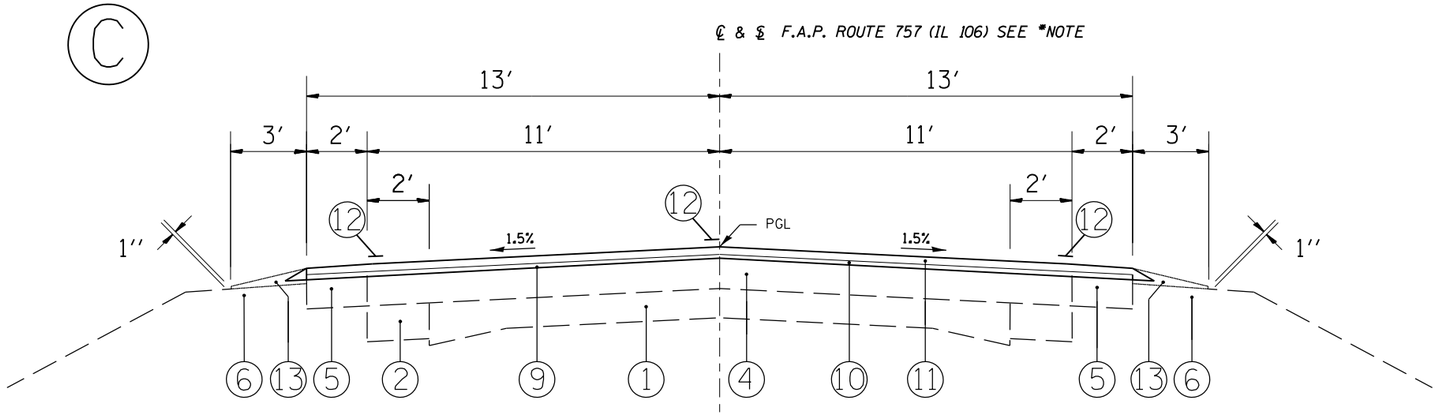
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
FAP 757 (IL 106)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	7
		CONTRACT NO. 72D78		
	ILLINOIS FED. AID PROJECT			

C

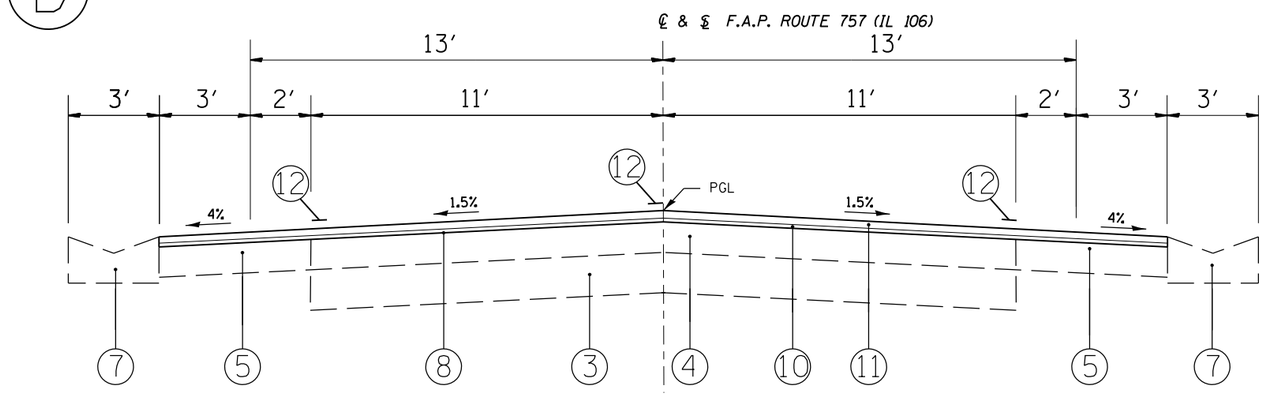


PART 2: STA 224+26.46 TO 227+43.50
PART 4: STA 234+32.30 TO 237+34.46 BK = STA 237+73.04 AH
STA 237+73.04 TO 258+59.30 BK= STA 0+00.00 AH
STA 0+00.00 TO 2+00.00
PART 10: STA 357+93.02 TO 370+30.50 BK = 372+40.50 AH
STA 372+40.50 TO STA 373+41.40
PART 12: STA 423+33.40 TO 444+50.00
PART 15: STA 458+87.86 TO 459+49.01 BK = STA 460+20.60 AH
STA 460+20.60 TO 470+81.02 BK = 0+00.00 AH
STA 0+00.00 TO 2+27.00
PART 20: STA 95+00.00 TO 97+30.87

LEGEND

1. EX 9″-6″-9″ CONCRETE PAVEMENT
2. EX CONCRETE WIDENING 8″
3. EX CONCRETE BASE CSE 8″
4. EX 6″ BITUMINOUS CONCRETE SURFACE CSE
5. EX BITUMINOUS SHOULDERS 8″
6. EX AGGREGATE SHOULDERS TYPE B
7. EX CONCRETE GUTTER TYPE A
8. PR HMA SURFACE REMOVAL, 2 1/4″
9. PR HMA SURFACE REMOVAL, VARIABLE DEPTH
10. PR LEVELING BINDER (MM), N70, 3/4″
11. PR HMA SURFACE COURSE, MIX "C", N70 1 1/2″
12. PR PAINT PAVEMENT MARKING - LINE 5″
13. PR AGGREGATE SHOULDERS TYPE B

D



PART 6: LEFT STA 15+46.01 TO 23+36.06 AND
RIGHT STA 15+95.32 TO 23+57.28
PART 8: STA 65+00.00 TO 76+74.53
PART 14: LEFT STA 446+93.70 TO 458+87.86

NOTE 1: TRANSITION CL FROM 2′-0″ LEFT OF SL AT STATION 224+26.48 TO SL STATION 237+37.6

TRANSITION CL FROM SL AT STATION 370+49.7 TO 2′-0″ RIGHT OF SL AT STATION 373+41.4

TRANSITION CL FROM 2′-0″ RIGHT OF SL AT STATION 423+94.27 TO SL AT STATION 426+27.57

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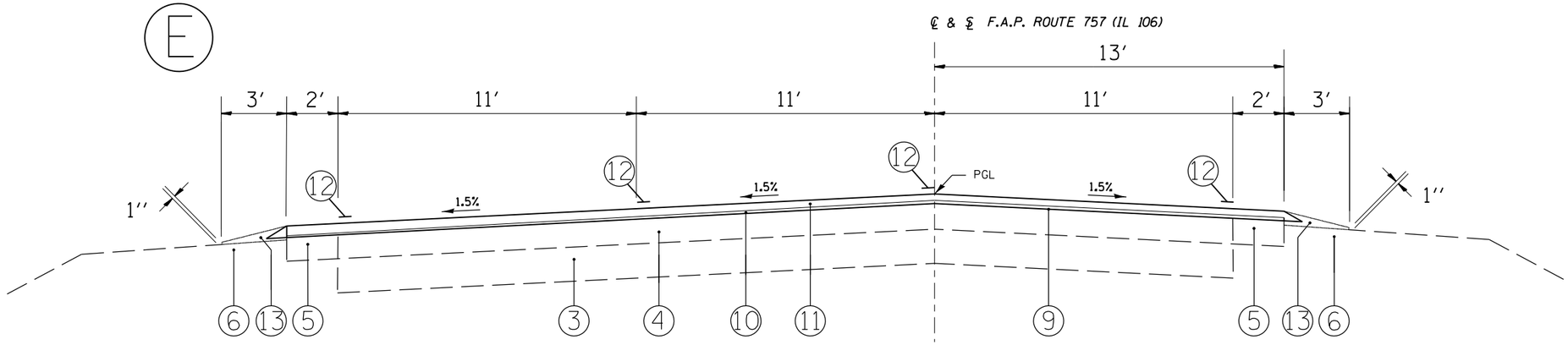
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
FAP 757 (IL 106)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	8
		CONTRACT NO. 72D78		
	ILLINOIS FED. AID PROJECT			

E

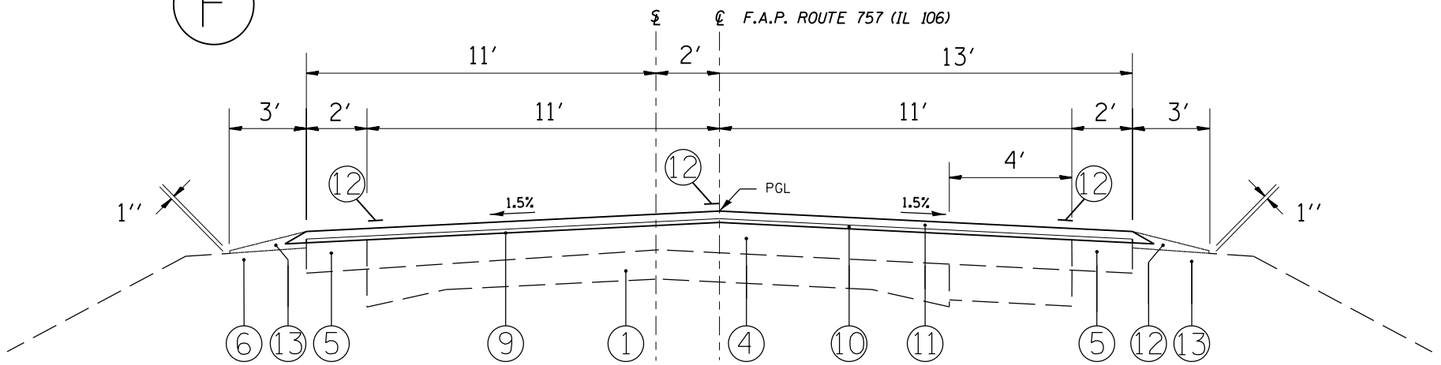


PART 17: STA 33+94.00 TO LEFT STA 53+51.22 AND RIGHT 50+20.17
PART 19: LEFT STA 79+59.86 TO 95+00.00 AND RIGHT STA 90+30.00 TO 95+00.00

LEGEND

1. EX 9′′-6′′-9′′ CONCRETE PAVEMENT
2. EX CONCRETE WIDENING 8′′
3. EX CONCRETE BASE CSE 8′′
4. EX 6′′ BITUMINOUS CONCRETE SURFACE CSE
5. EX BITUMINOUS SHOULDERS 8′′
6. EX AGGREGATE SHOULDERS TYPE B
7. EX CONCRETE GUTTER TYPE A
8. PR HMA SURFACE REMOVAL, 2 1/4′′
9. PR HMA SURFACE REMOVAL, VARIABLE DEPTH
10. PR LEVELING BINDER (MM), N70, 3/4′′
11. PR HMA SURFACE COURSE, MIX ″C″, N70 1 1/2′′
12. PR PAINT PAVEMENT MARKING - LINE 5′′
13. PR AGGREGATE SHOULDERS TYPE B

F



PART 11: STA 373+41.40 TO 423+33.40

NOTE 1: TRANSITION CL FROM 2′-0′′ LEFT OF SL AT STATION 224+26.48 TO SL STATION 237+37.6

TRANSITION CL FROM SL AT STATION 370+49.7 TO 2′-0′′ RIGHT OF SL AT STATION 373+41.4

TRANSITION CL FROM 2′-0′′ RIGHT OF SL AT STATION 423+94.27 TO SL AT STATION 426+27.57

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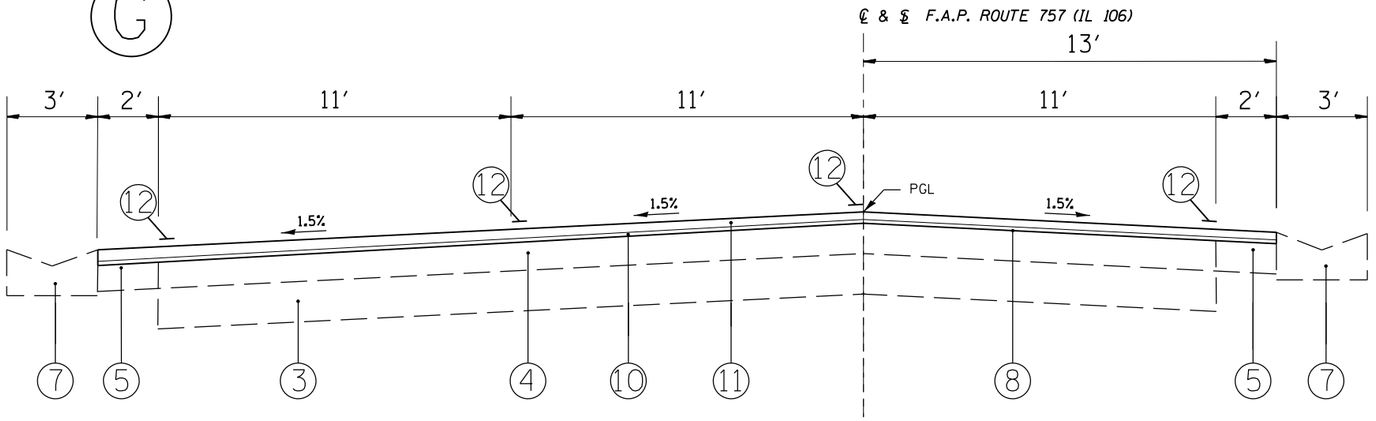
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
FAP 757 (IL 106)

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

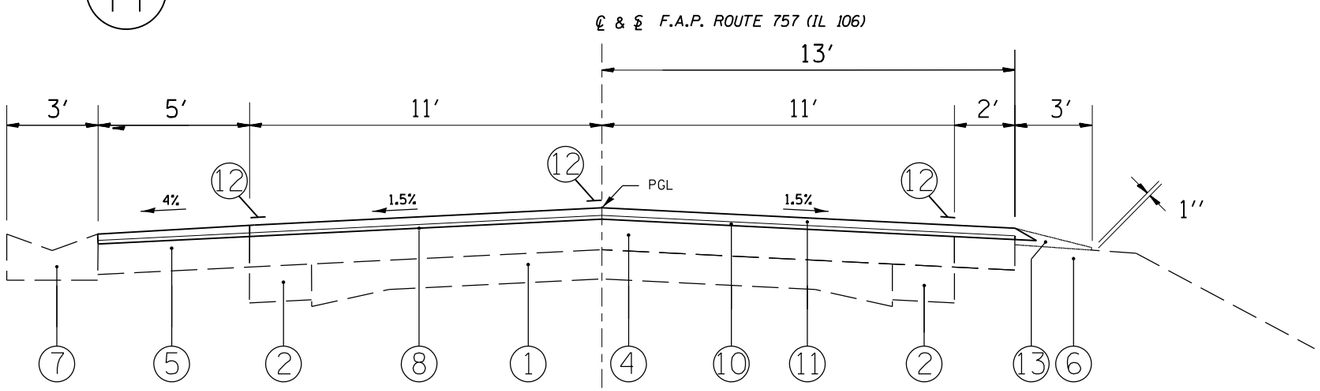
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	9
		CONTRACT NO. 72D78		
	ILLINOIS FED. AID PROJECT			

G



PART 18: LEFT STA 53+51.22 TO LEFT STA 79+59.86 AND RIGHT STA 50+20.17 TO RIGHT STA 90+30.00

H



PART 13: STA 444+50.00 TO 446+93.70

LEGEND

1. EX 9′′-6′′-9′′ CONCRETE PAVEMENT
2. EX CONCRETE WIDENING 8′′
3. EX CONCRETE BASE CSE 8′′
4. EX 6′′ BITUMINOUS CONCRETE SURFACE CSE
5. EX BITUMINOUS SHOULDERS 8′′
6. EX AGGREGATE SHOULDERS TYPE B
7. EX CONCRETE GUTTER TYPE A
8. PR HMA SURFACE REMOVAL, 2 1/4′′
9. PR HMA SURFACE REMOVAL, VARIABLE DEPTH
10. PR LEVELING BINDER (MM), N70, 3/4′′
11. PR HMA SURFACE COURSE, MIX ″C″, N70 1 1/2′′
12. PR PAINT PAVEMENT MARKING - LINE 5′′
13. PR AGGREGATE SHOULDERS TYPE B

NOTE 1: TRANSITION CL FROM 2′-0′′ LEFT OF SL AT STATION 224+26.48 TO SL STATION 237+37.6

TRANSITION CL FROM SL AT STATION 370+49.7 TO 2′-0′′ RIGHT OF SL AT STATION 373+41.4

TRANSITION CL FROM 2′-0′′ RIGHT OF SL AT STATION 423+94.27 TO SL AT STATION 426+27.57

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		DRAWN - DMS	REVISED -
	PLOT SCALE = 100.0000 ′ / in.	CHECKED -	REVISED -
	PLOT DATE = Oct-20-2011 03:27:05PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
FAP 757 (IL 106)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	10
		CONTRACT NO. 72D78		
	ILLINOIS FED. AID PROJECT			

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES

BITUMINOUS MATERIALS (PRIME COAT)

LOCATION			LENGTH (FOOT)	PAV'T/ SHLDR WIDTH (FOOT)	AREA (SQ YD)	QUANTITY (TON)
IL 106						
RT STA 175+00.00	TO	RT STA 188+80.00	1,380.00	13	1,993.3	0.76
LT STA 175+00.00	TO	LT STA 203+18.62	2,818.62	13	4,071.3	1.55
RT STA 188+80.00	TO	RT STA 194+89.00	609.00	11	744.3	0.28
RT STA 194+89.00	TO	RT STA 203+18.62	829.62	13	1,198.3	0.46
1 STA EQN: 203+18.62 (BK) = STA 203+52.42 (AH)						
LT STA 203+52.42	TO	LT STA 210+02.00	649.58	13	938.3	0.36
RT STA 203+52.42	TO	RT STA 210+02.00	649.58	13	938.3	0.36
2 STA EQN: 210+02.00 (BK) = STA 210+00.00 (AH)						
RT STA 210+00.00	TO	RT STA 237+34.46	2,734.46	13	3,949.8	1.50
LT STA 210+00.00	TO	LT STA 237+34.46	2,734.46	13	3,949.8	1.50
3 STA EQN: 237+34.46 (BK) = STA 237+73.04 (AH)						
LT STA 237+73.04	TO	LT STA 258+59.30	2,086.26	13	3,013.5	1.15
RT STA 237+73.04	TO	RT STA 258+59.30	2,086.26	13	3,013.5	1.15
4 STA EQN: 258+59.30 (BK) = STA 0+00.00 (AH)						
LT STA 0+00.00	TO	LT STA 15+46.00	1,546.00	13	2,233.1	0.85
RT STA 0+00.00	TO	RT STA 15+95.00	1,595.00	13	2,303.9	0.88
LT STA 15+46.00	TO	LT STA 26+36.00	1,090.00	16	1,937.8	0.74
RT STA 15+95.00	TO	RT STA 23+82.00	787.00	16	1,399.1	0.53
LT STA 26+36.00	TO	LT STA 64+42.65	3,806.65	13	5,498.5	2.09
RT STA 23+82.00	TO	RT STA 64+66.53	4,084.53	13	5,899.9	2.24
LT STA 64+42.65	TO	LT STA 76+74.00	1,231.35	16	2,189.1	0.83
RT STA 64+66.53	TO	RT STA 76+74.00	1,207.47	16	2,146.6	0.82
LT STA 76+74.00	TO	LT STA 92+00.00	1,526.00	13	2,204.2	0.84
RT STA 76+74.00	TO	RT STA 92+00.00	1,526.00	13	2,204.2	0.84
5 STA EQN: 92+00.00 (BK) = STA 357+93.02 (AH)						
LT STA 357+93.02	TO	LT STA 370+30.50	1,237.48	13	1,787.5	0.68
RT STA 357+93.02	TO	RT STA 370+30.50	1,237.48	13	1,787.5	0.68
LT STA 370+30.50	TO	LT STA 372+40.42	209.92	VARIES	351.6	0.13
RT STA 370+30.50	TO	RT STA 372+40.42	209.92	VARIES	425.7	0.16
LT STA 372+40.42	TO	LT STA 444+50.00	7,209.58	13	10,413.8	3.96
RT STA 372+40.42	TO	RT STA 459+49.01	8,708.59	13	12,579.1	4.78
LT STA 444+50.00	TO	LT STA 458+88.00	1,438.00	16	2,556.4	0.97
LT STA 458+88.00	TO	LT STA 459+49.01	61.01	13	88.1	0.03
6 STA EQN: 459+49.01 (BK) = STA 460+20.60 (AH)						
LT STA 460+20.60	TO	LT STA 470+81.02	1,060.42	13	1,531.7	0.58
RT STA 460+20.60	TO	RT STA 470+81.02	1,060.42	13	1,531.7	0.58
7 STA EQN: 470+81.02 (BK) = STA 0+00.00 (AH)						
LT STA 0+00.00	TO	LT STA 32+00.00	3,200.00	13	4,622.2	1.76
RT STA 0+00.00	TO	RT STA 97+30.87	9,730.87	13	14,055.7	5.34
LT STA 32+00.00	TO	LT STA 37+12.50	512.50	VARIES	855.7	0.33
LT STA 37+12.50	TO	LT STA 86+82.33	4,969.83	24	13,252.9	5.04
LT STA 86+82.33	TO	LT STA 92+57.67	575.34	VARIES	846.0	0.32
LT STA 92+57.67	TO	LT STA 94+75.00	217.33	13	313.9	0.12
LT STA 94+75.00	TO	LT STA 96+05.00	130.00	28	404.4	0.15
LT STA 96+05.00	TO	LT STA 97+30.87	125.87	13	181.8	0.07
TOTAL:						45.38
ENTRANCES:						1.45
GRAND TOTAL:						46.83

LEVELING BINDER (MACHINE METHOD), N70

LOCATION			LENGTH (FOOT)	THICKNESS (INCH)	PAVEMENT WIDTH (FOOT)	AREA (SQ YD)	QUANTITY (TON)
IL 106							
RT STA 175+00.00	TO	RT STA 188+80.00	1,380.00	0.75	13	1,993.33	83.72
LT STA 175+00.00	TO	LT STA 203+18.62	2,818.62	0.75	13	4,071.34	171.00
RT STA 188+80.00	TO	RT STA 194+89.00	609.00	0.75	11	744.33	31.26
RT STA 194+89.00	TO	RT STA 203+18.62	829.62	0.75	13	1,198.34	50.33
1 STA EQN: 203+18.62 (BK) = STA 203+52.42 (AH)							
LT STA 203+52.42	TO	LT STA 210+02.00	649.58	0.75	13	938.28	39.41
RT STA 203+52.42	TO	RT STA 210+02.00	649.58	0.75	13	938.28	39.41
2 STA EQN: 210+02.00 (BK) = STA 210+00.00 (AH)							
RT STA 210+00.00	TO	RT STA 237+34.46	2,734.46	0.75	13	3,949.78	165.89
LT STA 210+00.00	TO	LT STA 237+34.46	2,734.46	0.75	13	3,949.78	165.89
3 STA EQN: 237+34.46 (BK) = STA 237+73.04 (AH)							
LT STA 237+73.04	TO	LT STA 258+59.30	2,086.26	0.75	13	3,013.49	126.57
RT STA 237+73.04	TO	RT STA 258+59.30	2,086.26	0.75	13	3,013.49	126.57
4 STA EQN: 258+59.30 (BK) = STA 0+00.00 (AH)							
LT STA 0+00.00	TO	LT STA 15+46.00	1,546.00	0.75	13	2,233.11	93.79
RT STA 0+00.00	TO	RT STA 15+95.00	1,595.00	0.75	13	2,303.89	96.76
LT STA 15+46.00	TO	LT STA 26+36.00	1,090.00	0.75	16	1,937.78	81.39
RT STA 15+95.00	TO	RT STA 23+82.00	787.00	0.75	16	1,399.11	58.76
LT STA 26+36.00	TO	LT STA 64+42.65	3,806.65	0.75	13	5,498.49	230.94
RT STA 23+82.00	TO	RT STA 64+66.53	4,084.53	0.75	13	5,899.88	247.79
LT STA 64+42.65	TO	LT STA 76+74.00	1,231.35	0.75	13	1,778.62	74.70
RT STA 64+66.53	TO	RT STA 76+74.00	1,207.47	0.75	13	1,744.12	73.25
LT STA 76+74.00	TO	LT STA 92+00.00	1,526.00	0.75	13	2,204.22	92.58
RT STA 76+74.00	TO	RT STA 92+00.00	1,526.00	0.75	13	2,204.22	92.58
RT STA 357+93.02	TO	RT STA 370+30.50	1,237.48	0.75	13	1,787.47	75.07
LT STA 370+30.50	TO	LT STA 372+40.42	209.92	0.75	VARIES	351.60	14.77
RT STA 370+30.50	TO	RT STA 372+40.42	209.92	0.75	VARIES	425.70	17.88
LT STA 372+40.42	TO	LT STA 444+50.00	7,209.58	0.75	13	10,413.84	437.38
RT STA 372+40.42	TO	RT STA 459+49.01	8,708.59	0.75	13	12,579.07	528.32
LT STA 444+50.00	TO	LT STA 458+88.00	1,438.00	0.75	16	2,556.44	107.37
LT STA 458+88.00	TO	LT STA 459+49.01	61.01	0.75	13	88.13	3.70
6 STA EQN: 459+49.01 (BK) = STA 460+20.60 (AH)							
LT STA 460+20.60	TO	LT STA 470+81.02	1,060.42	0.75	13	1,531.72	64.33
RT STA 460+20.60	TO	RT STA 470+81.02	1,060.42	0.75	13	1,531.72	64.33
7 STA EQN: 470+81.02 (BK) = STA 0+00.00 (AH)							
LT STA 0+00.00	TO	LT STA 32+00.00	3,200.00	0.75	13	4,622.22	194.13
RT STA 0+00.00	TO	RT STA 97+30.87	9,730.87	0.75	13	14,055.70	590.34
LT STA 32+00.00	TO	LT STA 37+12.50	512.50	0.75	VARIES	855.70	35.94
LT STA 37+12.50	TO	LT STA 86+82.33	4,969.83	0.75	24	13,252.88	556.62
LT STA 86+82.33	TO	LT STA 92+57.67	575.34	0.75	VARIES	846.00	35.53
LT STA 92+57.67	TO	LT STA 94+75.00	217.33	0.75	13	313.92	13.18
LT STA 94+75.00	TO	LT STA 96+05.00	130.00	0.75	28	404.44	16.99
LT STA 96+05.00	TO	LT STA 97+30.87	125.87	0.75	13	181.81	7.64
TOTAL:							4,981.19

AGGREGATE (PRIME COAT)

LOCATION			LENGTH (FOOT)	PAV'T/ SHLDR WIDTH (FOOT)	AREA (SQ YD)	QUANTITY (TON)
IL 106						
RT STA 175+00.00	TO	RT STA 188+80.00	1,380.00	13	1,993.3	4.0
LT STA 175+00.00	TO	LT STA 203+18.62	2,818.62	13	4,071.3	8.1
RT STA 188+80.00	TO	RT STA 194+89.00	609.00	11	744.3	1.5
RT STA 194+89.00	TO	RT STA 203+18.62	829.62	13	1,198.3	2.4
1 STA EQN: 203+18.62 (BK) = STA 203+52.42 (AH)						
LT STA 203+52.42	TO	LT STA 210+02.00	649.58	13	938.3	1.9
RT STA 203+52.42	TO	RT STA 210+02.00	649.58	13	938.3	1.9
2 STA EQN: 210+02.00 (BK) = STA 210+00.00 (AH)						
RT STA 210+00.00	TO	RT STA 237+34.46	2,734.46	13	3,949.8	7.9
LT STA 210+00.00	TO	LT STA 237+34.46	2,734.46	13	3,949.8	7.9
3 STA EQN: 237+34.46 (BK) = STA 237+73.04 (AH)						
LT STA 237+73.04	TO	LT STA 258+59.30	2,086.26	13	3,013.5	6.0
RT STA 237+73.04	TO	RT STA 258+59.30	2,086.26	13	3,013.5	6.0
4 STA EQN: 258+59.30 (BK) = STA 0+00.00 (AH)						
LT STA 0+00.00	TO	LT STA 15+46.00	1,546.00	13	2,233.1	4.5
RT STA 0+00.00	TO	RT STA 15+95.00	1,595.00	13	2,303.9	4.6
LT STA 15+46.00	TO	LT STA 26+36.00	1,090.00	16	1,937.8	3.9
RT STA 15+95.00	TO	RT STA 23+82.00	787.00	16	1,399.1	2.8
LT STA 26+36.00	TO	LT STA 64+42.65	3,806.65	13	5,498.5	11.0
RT STA 23+82.00	TO	RT STA 64+66.53	4,084.53	13	5,899.9	11.8
LT STA 64+42.65	TO	LT STA 76+74.00	1,231.35	16	2,189.1	4.4
RT STA 64+66.53	TO	RT STA 76+74.00	1,207.47	16	2,146.6	4.3
LT STA 76+74.00	TO	LT STA 92+00.00	1,526.00	13	2,204.2	4.4
RT STA 76+74.00	TO	RT STA 92+00.00	1,526.00	13	2,204.2	4.4
5 STA EQN: 92+00.00 (BK) = STA 357+93.02 (AH)						
LT STA 357+93.02	TO	LT STA 370+30.50	1,237.48	13	1,787.5	3.6
RT STA 357+93.02	TO	RT STA 370+30.50	1,237.48	13	1,787.5	3.6
LT STA 370+30.50	TO	LT STA 372+40.42	209.92	VARIES	351.6	0.7
RT STA 370+30.50	TO	RT STA 372+40.42	209.92	VARIES	425.7	0.9
LT STA 372+40.42	TO	LT STA 444+50.00	7,209.58	13	10,413.8	20.8
RT STA 372+40.42	TO	RT STA 459+49.01	8,708.59	13	12,579.1	25.2
LT STA 444+50.00	TO	LT STA 458+88.00	1,438.00	16	2,556.4	5.1
LT STA 458+88.00	TO	LT STA 459+49.01	61.01	13	88.1	0.2
6 STA EQN: 459+49.01 (BK) = STA 460+20.60 (AH)						
LT STA 460+20.60	TO	LT STA 470+81.02	1,060.42	13	1,531.7	3.1
RT STA 460+20.60	TO	RT STA 470+81.02	1,060.42	13	1,531.7	3.1
7 STA EQN: 470+81.02 (BK) = STA 0+00.00 (AH)						
LT STA 0+00.00	TO	LT STA 32+00.00	3,200.00	13	4,622.2	9.2
RT STA 0+00.00	TO	RT STA 97+30.87	9,730.87	13	14,055.7	28.1
LT STA 32+00.00	TO	LT STA 37+12.50	512.50	VARIES	855.7	1.7
LT STA 37+12.50	TO	LT STA 86+82.33	4,969.83	24	13,252.9	26.5
LT STA 86+82.33	TO	LT STA 92+57.67	575.34	VARIES	846.0	1.7
LT STA 92+57.67	TO	LT STA 94+75.00	217.33	13	313.9	0.6
LT STA 94+75.00	TO	LT STA 96+05.00	130.00	28	404.4	0.8
LT STA 96+05.00	TO	LT STA 97+30.87	125.87	13	181.8	0.4
TOTAL:						238.8

CONSTRUCTING TEST STRIP

LOCATION		QUANTITY (L SUM)
JOBSITE		1

MOBILIZATION

LOCATION		QUANTITY (L SUM)
JOBSITE		1

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
FAP 757 (IL 106)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	11
		CONTRACT NO. 72D78		
	ILLINOIS FED. AID PROJECT			

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES

HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70

	LOCATION			LENGTH (FOOT)	THICKNESS (INCH)	PAVEMENT WIDTH (FOOT)	AREA (SQ YD)	QUANTITY (TON)
	IL 106							
	RT STA 175+00.00	TO	RT STA 188+80.00	1,380.00	1.5	13	1,993.33	167.44
	LT STA 175+00.00	TO	LT STA 203+18.62	2,818.62	1.5	13	4,071.34	341.99
	RT STA 188+80.00	TO	RT STA 194+89.00	609.00	1.5	11	744.33	62.52
	RT STA 194+89.00	TO	RT STA 203+18.62	829.62	1.5	13	1,198.34	100.66
1	STA EQN: 203+18.62 (BK) = STA 203+52.42 (AH)							
	LT STA 203+52.42	TO	LT STA 210+02.00	649.58	1.5	13	938.28	78.82
	RT STA 203+52.42	TO	RT STA 210+02.00	649.58	1.5	13	938.28	78.82
2	STA EQN: 210+02.00 (BK) = STA 210+00.00 (AH)							
	RT STA 210+00.00	TO	RT STA 237+34.46	2,734.46	1.5	13	3,949.78	331.78
	LT STA 210+00.00	TO	LT STA 237+34.46	2,734.46	1.5	13	3,949.78	331.78
3	STA EQN: 237+34.46 (BK) = STA 237+73.04 (AH)							
	LT STA 237+73.04	TO	LT STA 258+59.30	2,086.26	1.5	13	3,013.49	253.13
	RT STA 237+73.04	TO	RT STA 258+59.30	2,086.26	1.5	13	3,013.49	253.13
4	STA EQN: 258+59.30 (BK) = STA 0+00.00 (AH)							
	LT STA 0+00.00	TO	LT STA 15+46.00	1,546.00	1.5	13	2,233.11	187.58
	RT STA 0+00.00	TO	RT STA 15+95.00	1,595.00	1.5	13	2,303.89	193.53
	LT STA 15+46.00	TO	LT STA 26+36.00	1,090.00	1.5	16	1,937.78	162.77
	RT STA 15+95.00	TO	RT STA 23+82.00	787.00	1.5	16	1,399.11	117.53
	LT STA 26+36.00	TO	LT STA 64+42.65	3,806.65	1.5	13	5,498.49	461.87
	RT STA 23+82.00	TO	RT STA 64+66.53	4,084.53	1.5	13	5,899.88	495.59
	LT STA 64+42.65	TO	LT STA 76+74.00	1,231.35	1.5	16	2,189.07	183.88
	RT STA 64+66.53	TO	RT STA 76+74.00	1,207.47	1.5	16	2,146.61	180.32
	LT STA 76+74.00	TO	LT STA 92+00.00	1,526.00	1.5	13	2,204.22	185.15
	RT STA 76+74.00	TO	RT STA 92+00.00	1,526.00	1.5	13	2,204.22	185.15
5	STA EQN: 92+00.00 (BK) = STA 357+93.02 (AH)							
	LT STA 357+93.02	TO	LT STA 370+30.50	1,237.48	1.5	13	1,787.47	150.15
	RT STA 357+93.02	TO	RT STA 370+30.50	1,237.48	1.5	13	1,787.47	150.15
	LT STA 370+30.50	TO	LT STA 372+40.42	209.92	1.5	VARIES	351.60	29.53
	RT STA 370+30.50	TO	RT STA 372+40.42	209.92	1.5	VARIES	425.70	35.76
	LT STA 372+40.42	TO	LT STA 444+50.00	7,209.58	1.5	13	10,413.84	874.76
	RT STA 372+40.42	TO	RT STA 459+49.01	8,708.59	1.5	13	12,579.07	1,056.64
	LT STA 444+50.00	TO	LT STA 458+88.00	1,438.00	1.5	16	2,556.44	214.74
	LT STA 458+88.00	TO	LT STA 459+49.01	61.01	1.5	13	88.13	7.40
6	STA EQN: 459+49.01 (BK) = STA 460+20.60 (AH)							
	LT STA 460+20.60	TO	LT STA 470+81.02	1,060.42	1.5	13	1,531.72	128.66
	RT STA 460+20.60	TO	RT STA 470+81.02	1,060.42	1.5	13	1,531.72	128.66
7	STA EQN: 470+81.02 (BK) = STA 0+00.00 (AH)							
	LT STA 0+00.00	TO	LT STA 32+00.00	3,200.00	1.5	13	4,622.22	388.27
	RT STA 0+00.00	TO	RT STA 97+30.87	9,730.87	1.5	13	14,055.70	1,180.68
	LT STA 32+00.00	TO	LT STA 37+12.50	512.50	1.5	VARIES	855.70	71.88
	LT STA 37+12.50	TO	LT STA 86+82.33	4,969.83	1.5	24	13,252.88	1,113.24
	LT STA 86+82.33	TO	LT STA 92+57.67	575.34	1.5	VARIES	846.00	71.06
	LT STA 92+57.67	TO	LT STA 94+75.00	217.33	1.5	13	313.92	26.37
	LT STA 94+75.00	TO	LT STA 96+05.00	130.00	1.5	28	404.44	33.97
	LT STA 96+05.00	TO	LT STA 97+30.87	125.87	1.5	13	181.81	15.27
	TOTAL:							10,015.39

GUTTER REMOVAL

	LOCATION	LENGTH (FOOT)
	IL 106	
1	STA EQN: 203+18.62 (BK) = STA 203+52.42 (AH)	
2	STA EQN: 210+02.00 (BK) = STA 210+00.00 (AH)	
3	STA EQN: 237+34.46 (BK) = STA 237+73.04 (AH)	
4	STA EQN: 258+59.30 (BK) = STA 0+00.00 (AH)	
	LT STA 64+65.00	15.0
5	STA EQN: 92+00.00 (BK) = STA 357+93.02 (AH)	
6	STA EQN: 459+49.01 (BK) = STA 460+20.60 (AH)	
7	STA EQN: 470+81.02 (BK) = STA 0+00.00 (AH)	
	TOTAL:	15.0

HOT-MIX ASPHALT SURFACE REMOVAL VARIABLE DEPTH

	LOCATION			LENGTH (FOOT)	PAVT/ SHLDR WIDTH (FOOT)	AREA (SQ YD)
	IL 106					
	RT STA 175+00.00	TO	RT STA 188+80.00	1,380.00	13	1,993.3
	LT STA 175+00.00	TO	LT STA 203+18.62	2,818.62	13	4,071.3
	RT STA 188+80.00	TO	RT STA 194+89.00	609.00	11	744.3
	RT STA 194+89.00	TO	RT STA 203+18.62	829.62	13	1,198.3
1	STA EQN: 203+18.62 (BK) = STA 203+52.42 (AH)					
	LT STA 203+52.42	TO	LT STA 210+02.00	649.58	13	938.3
	RT STA 203+52.42	TO	RT STA 210+02.00	649.58	13	938.3
2	STA EQN: 210+02.00 (BK) = STA 210+00.00 (AH)					
	RT STA 210+00.00	TO	RT STA 237+34.46	2,734.46	13	3,949.8
	LT STA 210+00.00	TO	LT STA 237+34.46	2,734.46	13	3,949.8
3	STA EQN: 237+34.46 (BK) = STA 237+73.04 (AH)					
	LT STA 237+73.04	TO	LT STA 258+59.30	2,086.26	13	3,013.5
	RT STA 237+73.04	TO	RT STA 258+59.30	2,086.26	13	3,013.5
4	STA EQN: 258+59.30 (BK) = STA 0+00.00 (AH)					
	LT STA 0+00.00	TO	LT STA 15+46.00	1,546.00	13	2,233.1
	RT STA 0+00.00	TO	RT STA 15+95.00	1,595.00	13	2,303.9
	LT STA 26+36.06	TO	LT STA 64+42.65	3,806.59	13	5,498.4
	RT STA 23+19.16	TO	RT STA 64+66.53	4,147.37	13	5,990.7
	LT STA 64+42.65	TO	LT STA 65+00.00	57.35	16	102.0
	RT STA 64+66.53	TO	RT STA 65+00.00	33.47	16	59.5
	LT STA 76+74.53	TO	LT STA 92+00.00	1,525.47	13	2,203.5
	RT STA 76+74.53	TO	RT STA 92+00.00	1,525.47	13	2,203.5
5	STA EQN: 92+00.00 (BK) = STA 357+93.02 (AH)					
	LT STA 357+93.02	TO	LT STA 370+30.50	1,237.48	13	1,787.5
	RT STA 357+93.02	TO	RT STA 370+30.50	1,237.48	13	1,787.5
	LT STA 370+30.50	TO	LT STA 372+40.42	209.92	VARIES	351.6
	RT STA 370+30.50	TO	RT STA 372+40.42	209.92	VARIES	425.7
	LT STA 372+40.42	TO	LT STA 444+50.00	7,209.58	13	10,413.8
	RT STA 372+40.42	TO	RT STA 459+49.01	8,708.59	13	12,579.1
	LT STA 458+88.00	TO	LT STA 459+49.01	61.01	13	88.1
6	STA EQN: 459+49.01 (BK) = STA 460+20.60 (AH)					
	LT STA 460+20.60	TO	LT STA 470+81.02	1,060.42	13	1,531.7
	RT STA 460+20.60	TO	RT STA 470+81.02	1,060.42	13	1,531.7
7	STA EQN: 470+81.02 (BK) = STA 0+00.00 (AH)					
	LT STA 0+00.00	TO	LT STA 32+00.00	3,200.00	13	4,622.2
	RT STA 0+00.00	TO	RT STA 50+20.17	5,020.17	13	7,251.4
	LT STA 32+00.00	TO	LT STA 37+12.50	512.50	VARIES	855.7
	LT STA 37+12.50	TO	LT STA 53+51.21	1,638.71	24	4,369.9
	LT STA 79+59.86	TO	LT STA 86+82.33	722.47	24	1,926.6
	LT STA 86+82.33	TO	LT STA 92+57.67	575.34	VARIES	846.0
	RT STA 90+30.00	TO	RT STA 97+30.87	700.87	13	1,012.4
	LT STA 92+57.67	TO	LT STA 97+30.87	473.20	13	683.5
	TOTAL:					96,469.2

PAVEMENT PATCHING

LOCATION	TYPE I 14" (SQ YD)	TYPE II 14" (SQ YD)	TYPE III 14" (SQ YD)	TYPE IV 14" (SQ YD)
IL 106				
STA TO STA	55	147	88	28

AGGREGATE BASE COURSE TYPE A (6-3/4")

	LOCATION			LENGTH (FOOT)	THICKNESS (FOOT)	PAVEMENT WIDTH (FOOT)	AREA (SQ YD)	QUANTITY (TON)
	IL 106							
1	STA EQN: 203+18.62 (BK) = STA 203+52.42 (AH)							
2	STA EQN: 210+02.00 (BK) = STA 210+00.00 (AH)							
3	STA EQN: 237+34.46 (BK) = STA 237+73.04 (AH)							
4	STA EQN: 258+59.30 (BK) = STA 0+00.00 (AH)							
5	STA EQN: 92+00.00 (BK) = STA 357+93.02 (AH)							
6	STA EQN: 459+49.01 (BK) = STA 460+20.60 (AH)							
7	STA EQN: 470+81.02 (BK) = STA 0+00.00 (AH)							
	LT STA 94+75.00	TO	LT STA 96+05.00	130.0	0.5625	15.0	40.63	83.28
	TOTAL:							83.28

EARTH EXCAVATION (SPECIAL)

	LOCATION			LENGTH (FOOT)	THICKNESS (FOOT)	PAVEMENT WIDTH (FOOT)	QUANTITY (SQ YD)
	IL 106						
1	STA EQN: 203+18.62 (BK) = STA 203+52.42 (AH)						
2	STA EQN: 210+02.00 (BK) = STA 210+00.00 (AH)						
3	STA EQN: 237+34.46 (BK) = STA 237+73.04 (AH)						
4	STA EQN: 258+59.30 (BK) = STA 0+00.00 (AH)						
5	STA EQN: 92+00.00 (BK) = STA 357+93.02 (AH)						
6	STA EQN: 459+49.01 (BK) = STA 460+20.60 (AH)						
7	STA EQN: 470+81.02 (BK) = STA 0+00.00 (AH)						
	LT STA 95+75.00	TO	LT STA 95+55.00	65.0	0.5	15.0	18.06
	LT STA 95+55.00	TO	LT STA 96+05.00	65.0	0.8	15.0	27.08
	TOTAL:						45.14

STONE RIPRAP, CLASS A4

	LOCATION			LENGTH (FOOT)	THICKNESS (FOOT)	WIDTH (FOOT)	VOLUME (CU YD)	QUANTITY (TON)
	IL 106							
1	STA EQN: 203+18.62 (BK) = STA 203+52.42 (AH)							
2	STA EQN: 210+02.00 (BK) = STA 210+00.00 (AH)							
3	STA EQN: 237+34.46 (BK) = STA 237+73.04 (AH)							
4	STA EQN: 258+59.30 (BK) = STA 0+00.00 (AH)							
	LT STA 4+32.00	TO	LT STA 7+82.00	350.0	1.3	25.0	421.3	631.9
	LT STA 26+78.00	TO	LT STA 27+08.00	30.0	1.3	40.0	57.8	86.7
	LT STA 64+65.00	TO	LT STA 64+90.00	25.0	1.3	25.0	30.1	45.1
5	STA EQN: 92+00.00 (BK) = STA 357+93.02 (AH)							
6	STA EQN: 459+49.01 (BK) = STA 460+20.60 (AH)							
7	STA EQN: 470+81.02 (BK) = STA 0+00.00 (AH)							
	TOTAL:						509.2	763.8

FILTER FABRIC

	LOCATION			LENGTH (FOOT)	THICKNESS (FOOT)	WIDTH (FOOT)	AREA (SQ YD)
	IL 106						
1	STA EQN: 203+18.62 (BK) = STA 203+52.42 (AH)						
2	STA EQN: 210+02.00 (BK) = STA 210+00.00 (AH)						
3	STA EQN: 237+34.46 (BK) = STA 237+73.04 (AH)						
4	STA EQN: 258+59.30 (BK) = STA 0+00.00 (AH)						
	LT STA 4+32.00	TO	LT STA 7+82.00	350.0	1.0	25.0	972.2
	LT STA 26+78.00	TO	LT STA 27+08.00	30.0	1.0	40.0	133.3
	LT STA 64+65.00	TO	LT STA 64+90.00	25.0	1.0	25.0	69.4
5	STA EQN: 92+00.00 (BK) = STA 357+93.02 (AH)						
6	STA EQN: 459+49.01 (BK) = STA 460+20.60 (AH)						
7	STA EQN: 470+81.02 (BK) = STA 0+00.00 (AH)						
	TOTAL:						1,175.0

FILE NAME =	USER NAME = stephensondm	DESIGNED - DMS	REVISED -
c:\pw_work\pwidot\stephensondm\d0222148\D672078-sht-schedule.dgn		DRAWN - DMS	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = Nov-17-2011 11:02:55AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
FAP 757 (IL 106)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	12
		CONTRACT NO. 72D78		
		ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES

AGGREGATE SHOULDERS, TYPE B

LOCATION			LENGTH (FOOT)	SHOULDER WIDTH (FOOT)	AVE DEPTH (INCHES)	AREA (SQ YD)	QUANTITY (TONS)
IL 106							
RT STA 175+00.00	TO	RT STA 188+80.00	1380.00	3	1.5	460	39.3
LT STA 175+00.00	TO	LT STA 203+18.62	2818.62	3	1.5	940	80.3
RT STA 194+89.00	TO	RT STA 203+18.62	829.62	3	1.5	277	23.6
1 STA EQN: 203+18.62 (BK) = STA 203+52.42 (AH)							
LT STA 203+18.62	TO	LT STA 210+02.00	683.38	3	1.5	228	19.5
RT STA 203+18.62	TO	RT STA 210+02.00	683.38	3	1.5	228	19.5
2 STA EQN: 210+02.00 (BK) = STA 210+00.00 (AH)							
RT STA 210+02.00	TO	RT STA 237+34.46	2732.46	3	1.5	911	77.8
LT STA 210+02.00	TO	LT STA 237+34.46	2732.46	3	1.5	911	77.8
3 STA EQN: 237+34.46 (BK) = STA 237+73.04 (AH)							
LT STA 237+73.04	TO	RT STA 258+59.30	2086.26	3	1.5	695	59.4
RT STA 237+73.04	TO	RT STA 258+59.30	2086.26	3	1.5	695	59.4
4 STA EQN: 258+59.30 (BK) = STA 0+00.00 (AH)							
RT STA 0+00.00	TO	RT STA 15+95.00	1595.00	3	1.5	532	45.4
LT STA 0+00.00	TO	LT STA 15+46.00	1546.00	3	1.5	515	44.0
RT STA 23+82.00	TO	RT STA 65+00.00	4118.00	3	1.5	1,373	117.2
LT STA 26+36.00	TO	LT STA 65+00.00	3864.00	3	1.5	1,288	110.0
RT STA 76+74.00	TO	RT STA 92+00.00	1526.00	3	1.5	509	43.4
LT STA 76+74.00	TO	LT STA 92+00.00	1526.00	3	1.5	509	43.4
5 STA EQN: 92+00.00 (BK) = STA 357+93.02 (AH)							
RT STA 357+93.02	TO	RT STA 368+19.00	1025.98	3	1.5	342	29.2
LT STA 357+93.02	TO	LT STA 368+27.00	1033.98	3	1.5	345	29.4
RT STA 372+40.00	TO	RT STA 459+49.01	8709.01	3	1.5	2,903	248.0
LT STA 372+40.00	TO	LT STA 444+50.00	7210.00	3	1.5	2,403	205.3
LT STA 458+88.00	TO	LT STA 459+49.01	61.01	3	1.5	20	1.7
6 STA EQN: 459+49.01 (BK) = STA 460+20.60 (AH)							
RT STA 460+20.60	TO	RT STA 470+81.02	1060.42	3	1.5	353	30.2
LT STA 460+20.60	TO	LT STA 470+81.02	1060.42	3	1.5	353	30.2
7 STA EQN: 470+81.02 (BK) = STA 0+00.00 (AH)							
RT STA 0+00.00	TO	RT STA 51+21.00	5121.00	3	1.5	1,707	145.8
LT STA 0+00.00	TO	LT STA 53+51.00	5351.00	3	1.5	1,784	152.4
RT STA 90+29.00	TO	RT STA 97+30.87	701.87	3	1.5	234	20.0
LT STA 79+59.00	TO	LT STA 97+30.87	1771.87	3	1.5	591	50.4
TOTAL:							1802.7

HOT-MIX ASPHALT SURFACE REMOVAL 2-1/4"

LOCATION			LENGTH (FOOT)	PAV'T/ SHLDR WIDTH (FOOT)	AREA (SQ YD)
IL 106					
1 STA EQN: 203+18.62 (BK) = STA 203+52.42 (AH)					
2 STA EQN: 210+02.00 (BK) = STA 210+00.00 (AH)					
3 STA EQN: 237+34.46 (BK) = STA 237+73.04 (AH)					
4 STA EQN: 258+59.30 (BK) = STA 0+00.00 (AH)					
LT STA 15+46.00	TO	LT STA 26+36.06	1,090.06	16	1,937.9
RT STA 15+95.32	TO	RT STA 23+19.16	723.84	16	1,286.8
LT STA 65+00.00	TO	LT STA 76+74.53	1,174.53	16	2,088.1
RT STA 65+00.00	TO	RT STA 76+74.53	1,174.53	16	2,088.1
5 STA EQN: 92+00.00 (BK) = STA 357+93.02 (AH)					
LT STA 444+50.00	TO	LT STA 458+88.00	1,438.00	16	2,556.4
6 STA EQN: 459+49.01 (BK) = STA 460+20.60 (AH)					
7 STA EQN: 470+81.02 (BK) = STA 0+00.00 (AH)					
RT STA 50+20.17	TO	RT STA 90+30.00	4,009.83	13	5,792.0
LT STA 53+51.21	TO	LT STA 79+59.86	2,608.65	24	6,956.4
TOTAL:					22,705.6

PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION			DESCRIPTION	LENGTH / AREA (SQ FT)	SPACING	LINE 5" WHITE (FT)	LINE 5" YELLOW (FT)
PAINT							
FAP 757 IL 106			SOLID (EDGE LINES)			77,798	
STA 175+00	TO	STA 188+77	SOLID (LT) SKIP-DASH (RT)		10' @ 40'		1,408
STA 188+77	TO	STA 203+18.62	SOLID (LT & RT)		10' @ 40'		5,274
1 STA EQN: 203+18.62 (BK) = STA 203+52.42 (AH)							
STA 203+52.42	TO	210+02.00	SOLID (LT & RT)		10' @ 40'		
2 STA EQN: 210+02.00 (BK) = STA 210+00.00 (AH)							
STA 210+00.00	TO	STA 237+34.46	SOLID (LT & RT)		10' @ 40'		
3 STA EQN: 237+34.46 (BK) = STA 237+73.04 (AH)							
STA 237+73.04	TO	STA 240+81	SOLID (LT & RT)		10' @ 40'		
STA 240+81	TO	STA 247+36	SOLID (LT) SKIP-DASH (RT)		10' @ 40'		655
STA 247+36	TO	STA 258+59.30	SKIPDASH (LT & RT)		10' @ 40'		1,489
4 STA EQN: 258+59.30 (BK) = STA 0+00.00 (AH)							
STA 0+00.00	TO	STA 03+66	SKIPDASH (LT & RT)		10' @ 40'		
STA 03+66	TO	STA 10+52	SOLID (RT) SKIP-DASH (LT)		10' @ 40'		686
STA 10+52	TO	STA 13+28	SOLID (LT & RT)		10' @ 40'		276
STA 13+28	TO	STA 18+24	SOLID (LT) SKIP-DASH (RT)		10' @ 40'		496
STA 18+24	TO	STA 28+48	SOLID (RT) SKIP-DASH (LT)		10' @ 40'		1,024
STA 28+48	TO	STA 31+49	SOLID (LT & RT)		10' @ 40'		301
STA 31+49	TO	STA 41+73	SOLID (LT) SKIP-DASH (RT)		10' @ 40'		1,035
STA 41+73	TO	STA 45+79	SKIP-DASH (LT & RT)		10' @ 40'		406
STA 45+79	TO	STA 54+62	SOLID (RT) SKIP-DASH (LT)		10' @ 40'		883
STA 54+62	TO	STA 60+24	SOLID (LT & RT)		10' @ 40'		562
STA 60+24	TO	STA 66+69	SOLID (LT) SKIP-DASH (RT)		10' @ 40'		645
STA 66+69	TO	STA 75+62	SKIP-DASH (LT & RT)		10' @ 40'		893
STA 75+62	TO	STA 85+19	SOLID (RT) SKIP-DASH (LT)		10' @ 40'		957
STA 85+19	TO	STA 359+29	SOLID (LT & RT)		10' @ 40'		817
STA 359+29	TO	STA 389+81	SKIP-DASH (LT & RT)		10' @ 40'		3,052
STA 389+81	TO	STA 396+82	SOLID (RT) SKIP-DASH (LT)		10' @ 40'		701
STA 396+82	TO	STA 398+10	SOLID (LT) SKIP-DASH (RT)		10' @ 40'		961
STA 398+10	TO	STA 399+38	SKIP-DASH (LT & RT)		10' @ 40'		128
STA 399+38	TO	STA 406+81	SOLID (RT) SKIP-DASH (LT)		10' @ 40'		743
STA 406+81	TO	STA 409+25	SKIP-DASH (LT & RT)		10' @ 40'		244
STA 409+52	TO	STA 412+59	SOLID (LT) SKIP-DASH (RT)		10' @ 40'		334
STA 412+59	TO	STA 416+97	SOLID (LT & RT)		10' @ 40'		438
STA 416+97	TO	STA 420+38	SOLID (RT) SKIP-DASH (LT)		10' @ 40'		341
STA 420+38	TO	STA 422+30	SKIP-DASH (LT & RT)		10' @ 40'		192
STA 422+30	TO	STA 426+37	SOLID (LT) SKIP-DASH (RT)		10' @ 40'		407
STA 426+37	TO	STA 429+57	SOLID (LT & RT)		10' @ 40'		320
STA 429+57	TO	STA 434+92	SOLID (RT) SKIP-DASH (LT)		10' @ 40'		535
STA 434+92	TO	STA 459+49.01	SOLID (LT & RT)		10' @ 40'		2,861
6 STA EQN: 459+49.01 (BK) = STA 460+20.60 (AH)							
STA 460+20.60	TO	STA 463+53	SOLID (LT & RT)		10' @ 40'		
STA 463+53	TO	STA 470+81.02	SOLID (LT) SKIP-DASH (RT)		10' @ 40'		
7 STA EQN: 470+81.02 (BK) = STA 0+00.00 (AH)							
STA 0+00.00	TO	STA 00+30	SOLID (LT) SKIP-DASH (RT)		10' @ 40'		758
STA 00+30	TO	STA 39+87	SKIP-DASH (LT & RT)		10' @ 40'		3,957
STA 39+87	TO	STA 40+79	SOLID (RT) SKIP-DASH (LT)		10' @ 40'		92
STA 40+79	TO	STA 51+84	SOLID (LT & RT)		10' @ 40'		1,105
STA 51+84	TO	STA 90+33	SOLID (LT) SKIP-DASH (RT)		10' @ 40'		3,849
STA 90+33	TO	STA 97+31	SKIP-DASH (LT & RT)		10' @ 40'		698
STA 87+04	TO	STA 37+98	SKIP-DASH		10' @ 40'	4,906	
PREFORMED							
STA 40+60			MERGE LT ARROW	18' / 41.5			
STA 38+58			MERGE LT ARROW	18' / 41.5			
TOTAL:		122,227		83 SQ FT		82,704	39,523

TRAFFIC CONTROL AND PROTECTION

PAY ITEM NUMBER	STANDARD NUMBER	QUANTITY (L SUM)
70100450	701201	1
70100460	701306	1
70102620	701501	1

TRANSVERSE DRAINS COMPLETE

LOCATION	EACH
IL 106	
1 STA EQN: 203+18.62 (BK) = STA 203+52.42 (AH)	
2 STA EQN: 210+02.00 (BK) = STA 210+00.00 (AH)	
3 STA EQN: 237+34.46 (BK) = STA 237+73.04 (AH)	
4 STA EQN: 258+59.30 (BK) = STA 0+00.00 (AH)	
STA 19+00.00	1.0
STA 20+00.00	1.0
5 STA EQN: 92+00.00 (BK) = STA 357+93.02 (AH)	
6 STA EQN: 459+49.01 (BK) = STA 460+20.60 (AH)	
7 STA EQN: 470+81.02 (BK) = STA 0+00.00 (AH)	
TOTAL:	2.0

CONCRETE HEADWALLS FOR PIPE DRAINS

LOCATION	EACH
IL 106	
1 STA EQN: 203+18.62 (BK) = STA 203+52.42 (AH)	
2 STA EQN: 210+02.00 (BK) = STA 210+00.00 (AH)	
3 STA EQN: 237+34.46 (BK) = STA 237+73.04 (AH)	
4 STA EQN: 258+59.30 (BK) = STA 0+00.00 (AH)	
STA 19+00.00	1.0
STA 20+00.00	1.0
5 STA EQN: 92+00.00 (BK) = STA 357+93.02 (AH)	
6 STA EQN: 459+49.01 (BK) = STA 460+20.60 (AH)	
7 STA EQN: 470+81.02 (BK) = STA 0+00.00 (AH)	
TOTAL:	2.0

RAISED REFLECTIVE PAVEMENT MARKER

LOCATION	SPACING	APPLICATION (EACH)	REMOVAL (EACH)
IL 106 44,429.51 FT	1 @ 80'	555	555

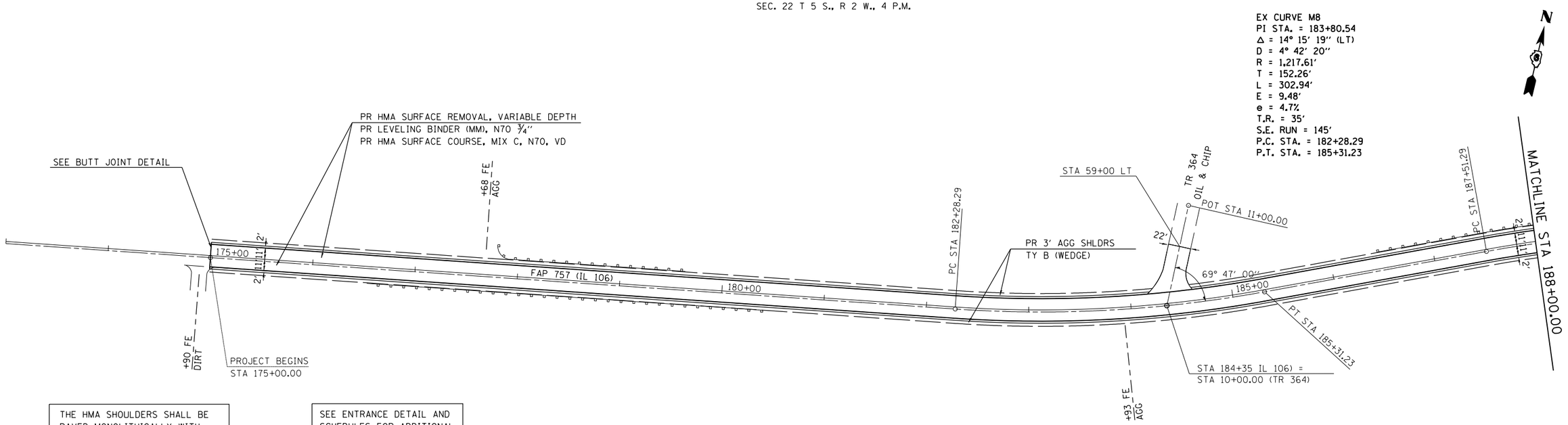
RUMBLE STRIP

LOCATION	EACH
IL 106	
1 STA EQN: 203+18.62 (BK) = STA 203+52.42 (AH)	
2 STA EQN: 210+02.00 (BK) = STA 210+00.00 (AH)	
3 STA EQN: 237+34.46 (BK) = STA 237+73.04 (AH)	
4 STA EQN: 258+59.30 (BK) = STA 0+00.00 (AH)	
5 STA EQN: 92+00.00 (BK) = STA 357+93.02 (AH)	
6 STA EQN: 459+49.01 (BK) = STA 460+20.60 (AH)	
7 STA EQN: 470+81.02 (BK) = STA 0+00.00 (AH)	
RT STA 30+05.00	1
RT STA 32+32.00	1
RT STA 36+79.00	1
RT STA 38+79.00	1
TOTAL:	4

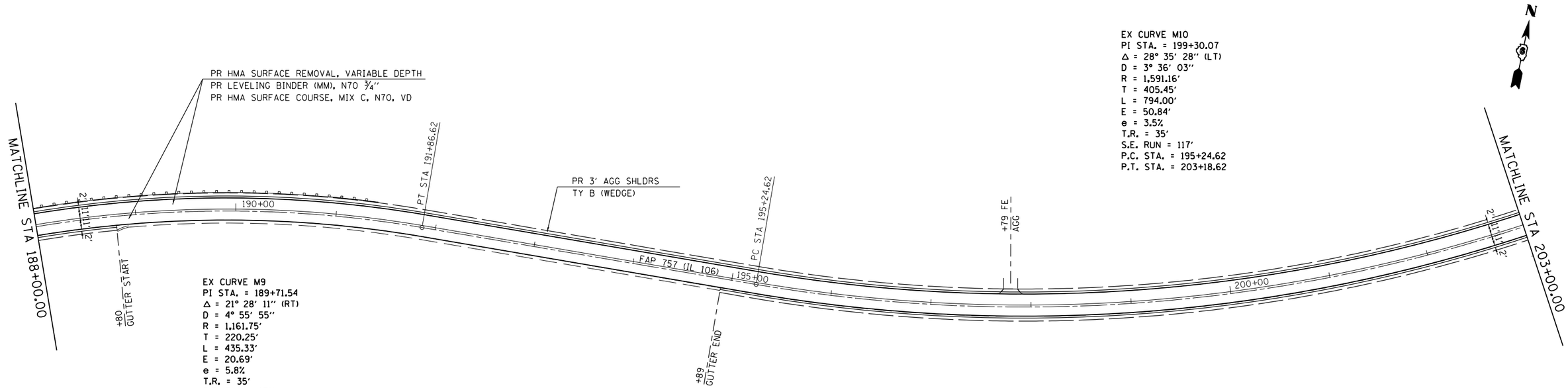
FILE NAME = c:\pw_work\pwidot\stephensondm\d0222142\D672076-sht-schedule.dgn	USER NAME = stephensondm	DESIGNED - DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	PLOT SCALE = 100.2000 ' / in.	DRAWN - DMS	REVISED -	SCHEDULE OF QUANTITIES FAP 757 (IL 106)
	PLOT DATE = Nov-17-2011 11:02:48AM	CHECKED -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.
		DATE -	REVISED -	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	13
		CONTRACT NO. 72D78		
		ILLINOIS FED. AID PROJECT		

SEC. 22 T 5 S., R 2 W., 4 P.M.



SEC. 22 T 5 S., R 2 W., 4 P.M.



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		DRAWN - DMS	REVISED -
	PLOT SCALE = 100.0000 ′ / in.	CHECKED -	REVISED -
	PLOT DATE = Oct-20-2011 03:27:51PM	DATE -	REVISED -

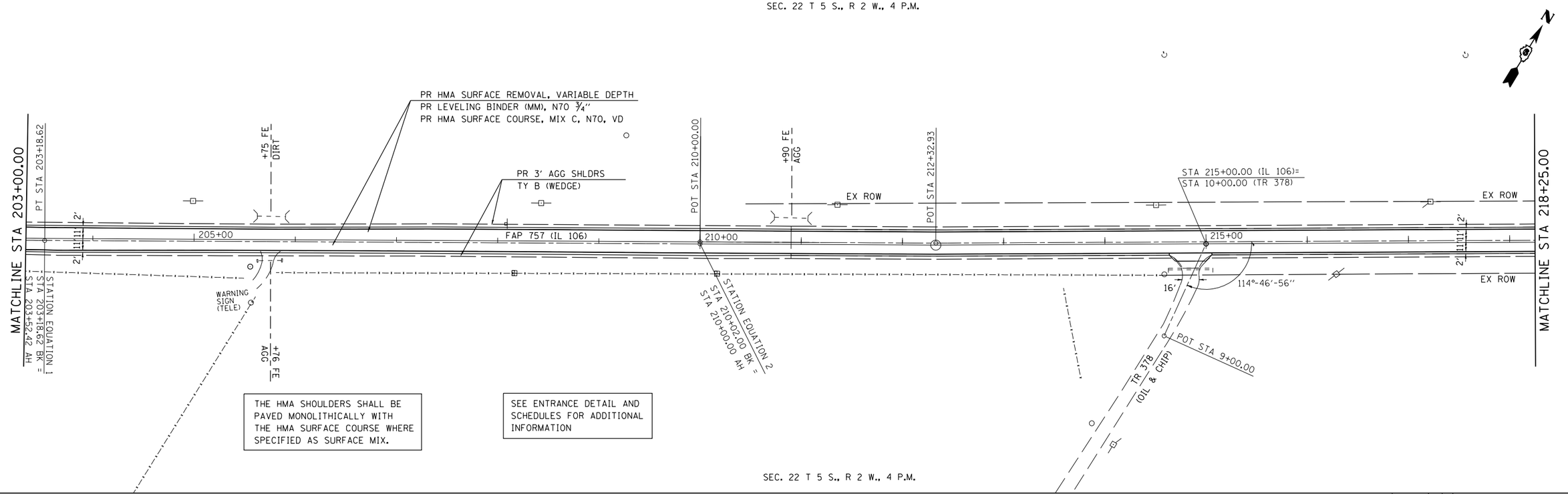
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 757 (IL 106) PLAN SHEET
50 SCALE

SCALE: 50 | SHEET NO. OF SHEETS | STA. 175+00 TO STA. 203+00

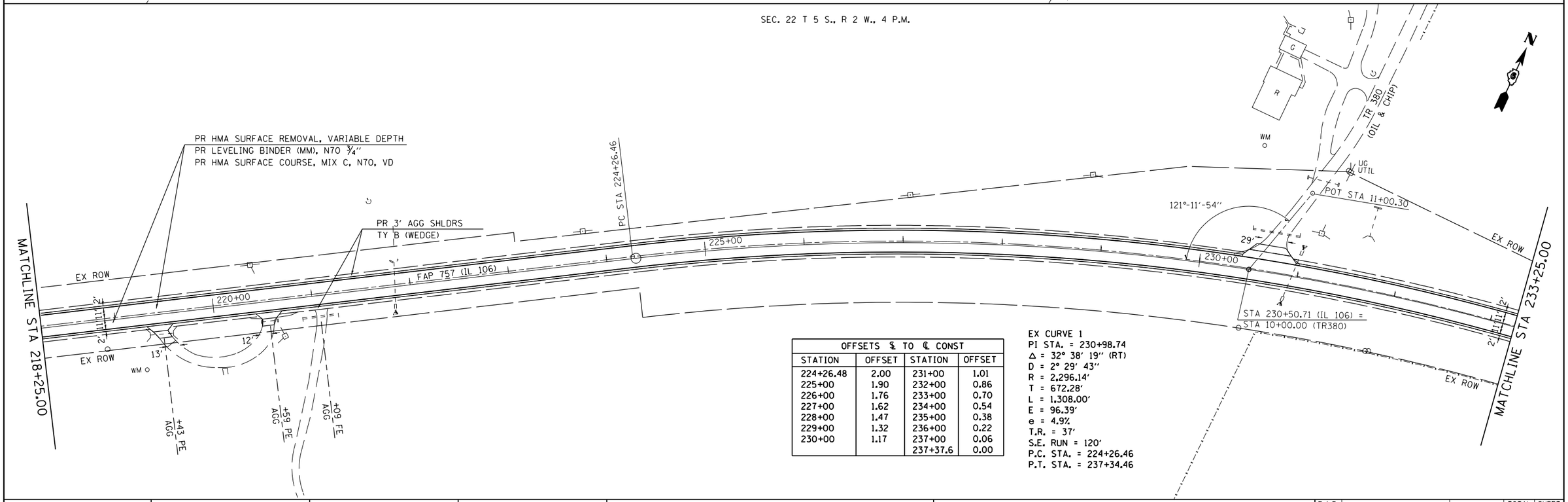
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	14
		CONTRACT NO. 72D78		
	ILLINOIS FED. AID PROJECT			

SEC. 22 T 5 S., R 2 W., 4 P.M.



SEC. 22 T 5 S., R 2 W., 4 P.M.

SEC. 22 T 5 S., R 2 W., 4 P.M.



OFFSETS ℄ TO ℄ CONST			
STATION	OFFSET	STATION	OFFSET
224+26.48	2.00	231+00	1.01
225+00	1.90	232+00	0.86
226+00	1.76	233+00	0.70
227+00	1.62	234+00	0.54
228+00	1.47	235+00	0.38
229+00	1.32	236+00	0.22
230+00	1.17	237+00	0.06
		237+37.6	0.00

EX CURVE 1
PI STA. = 230+98.74
Δ = 32° 38' 19" (RT)
D = 2° 29' 43"
R = 2,296.14'
T = 672.28'
L = 1,308.00'
E = 96.39'
e = 4.9%
T.R. = 37'
S.E. RUN = 120'
P.C. STA. = 224+26.46
P.T. STA. = 237+34.46

FILE NAME = c:\pw_work\pwidot\sparksgw\d0222140\D672D78-plan50w.dgn	USER NAME = sparksgw	DESIGNED - DMS	REVISED -
		DRAWN - DMS	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = Oct-20-2011 03:27:51PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 757 (IL 106) PLAN SHEET
50 SCALE

SCALE: 50 | SHEET NO. OF SHEETS | STA. 203+00 TO STA. 233+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	15
		CONTRACT NO. 72D78		
		ILLINOIS	FED. AID PROJECT	

SEC. 14 T 5 S., R 2 W., 4 P.M.

PR HMA SURFACE REMOVAL, VARIABLE DEPTH
PR LEVELING BINDER (MM), N70 ¾"
PR HMA SURFACE COURSE, MIX C, N70, VD

PR 3' AGG SHLDRS
TY B (WEDGE)

EX ROW

MATCHLINE STA 233+25.00

235+00

PT STA 237+34.46

FAP 757 (IL 106)

240+00

POT STA 242+49.71

245+00

EX ROW

MATCHLINE STA 248+50.00

2' 11' 11' 2'

EX ROW

STATION EQUATION 3
STA 237+34.46 BK =
STA 237+13.04 AH

30' FE DIRT

42' FE AGG

16'

THE HMA SHOULDERS SHALL BE PAVED MONOLITHICALLY WITH THE HMA SURFACE COURSE WHERE SPECIFIED AS SURFACE MIX.

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

30' FE DIRT

SEC. 23 T 5 S., R 2 W., 4 P.M.

S

SEC. 14 T 5 S., R 2 W., 4 P.M.

N

PR HMA SURFACE REMOVAL, VARIABLE DEPTH
PR LEVELING BINDER (MM), N70 ¾"
PR HMA SURFACE COURSE, MIX C, N70, VD

PR. 3' AGG SHLDRS,
TY B (WEDGE)

EX ROW

MATCHLINE STA 248+50.00

250+00

FAP 757 (IL 106)

255+00

2' 11' 11' 2'

+25 FE DIRT

TR 398 (TIME RD)
(OIL & CHIP)

STATION EQUATION 4
STA 258+59.30 BK =
STA 0+00.00 AH

89°-47'-25"
(NEWBURG CORNER)

46'

0+00

STA 258+59.30 (IL 106) =
STA 10+00.00 (TR 398)

POT STA 9+00.00

33

16'

91°-01'-20"

+42 FE HMA

R

G

TR 398 (TIME RD)
(OIL & CHIP)

STA 4+32 TO STA 7+82
LT 25.00' TO LT 50.00'
PR CL A4 RIP RAP - 631.9 TONS
PR FILTER FABRIC - 972.2 SQ YD

POT STA 11+00.00

PC STA 1+90.14

EX ROW

EX ROW

MATCHLINE STA 4+75.00

2' 11' 11' 2'

DITCH DETAIL
STA 4+32 - STA 7+82

25'
11.5' 11.5'
2'
1:3 1:3

SEC. 23 T 5 S., R 2 W., 4 P.M.

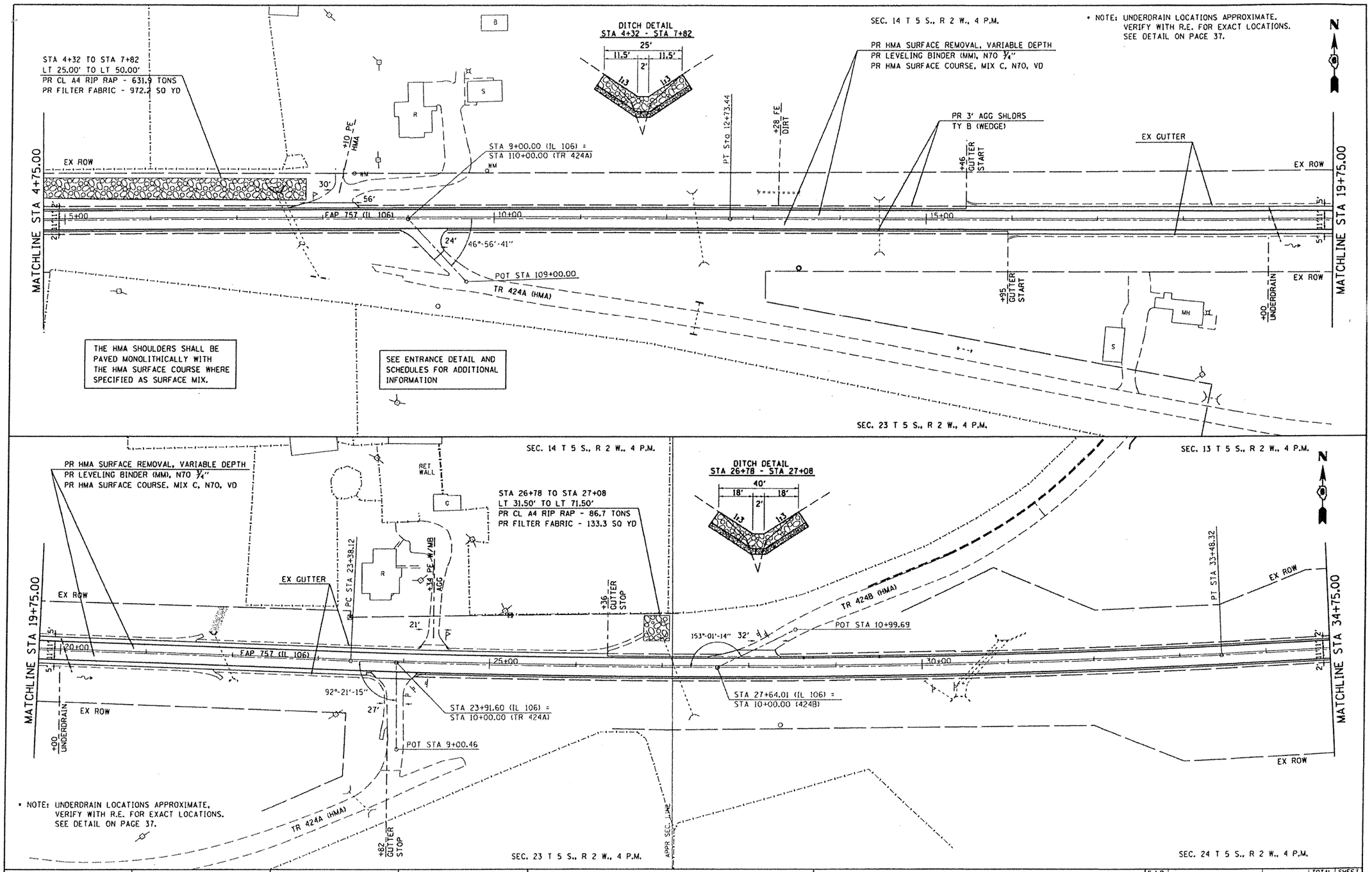
FILE NAME = c:\pw_work\pwidot\stephensondm\d0222148\D672D78-plan50w.dgn	USER NAME = stephensondm	DESIGNED - DMS	REVISED -
		DRAWN - DMS	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = Nov-17-2011 11:28:14AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 757 (IL 106) PLAN SHEET
50 SCALE

SCALE: 50 | SHEET NO. OF SHEETS | STA. 233+25 TO STA. 4+75

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	16
		CONTRACT NO. 72D78		
		ILLINOIS FED. AID PROJECT		



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	PLOT DATE = Nov-17-2011 11:08:21AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 757 (IL 106) PLAN SHEET
50 SCALE

SCALE: 50 | SHEET NO. OF SHEETS | STA. 4+75 TO STA. 34+75

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	17
		CONTRACT NO. 72D78		
		ILLINOIS FED. AID PROJECT		

SEC. 13 T 5 S., R 2 W., 4 P.M.

PR HMA SURFACE REMOVAL, VARIABLE DEPTH
PR LEVELING BINDER (MM), N70 ¾"
PR HMA SURFACE COURSE, MIX C, N70, VD

PR 3' AGG SHLDRS
TY B (WEDGE)

MATCHLINE STA 34+75.00

MATCHLINE STA 49+75.00

EX ROW

+01 PE AGG

50'

POT STA 45+56.17

+45 PE AGG

56'

2 @ 11'-0" | 2'

35+00 | FAP 757 (IL 106) | 40+00 | 45+00

+69 FE DIRT

THE HMA SHOULDERS SHALL BE PAVED MONOLITHICALLY WITH THE HMA SURFACE COURSE WHERE SPECIFIED AS SURFACE MIX.

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

SEC. 24 T 5 S., R 2 W., 4 P.M.

SEC. 13 T 5 S., R 2 W., 4 P.M.

DITCH DETAIL
STA 64+65 - STA 64+90

25'
11.5' | 11.5'
2'
1:3 | 1:3

STA 64+65 TO STA 64+90
LT 32.00' TO LT 57.00'
PR CL A4 RIP RAP - 45.1 TONS
PR FILTER FABRIC - 69.4 SQ YD

PR HMA SURFACE REMOVAL, VARIABLE DEPTH
PR LEVELING BINDER (MM), N70 ¾"
PR HMA SURFACE COURSE, MIX C, N70, VD

PR 3' AGG SHLDRS
TY B (WEDGE)

MATCHLINE STA 49+75.00

MATCHLINE STA 64+75.00

EX ROW

50+00 | FAP 757 (IL 106) | 55+00 | 60+00

2 @ 11'-0" | 2'

77°-02'-56"

20'

46'

109°-13'-30"

+99 FE DIRT

STA 64+30.00 (IL 106) =
STA 10+00.00 (TR 424)

TR 424 (OIL & CHIP)

SEC. 24 T 5 S., R 2 W., 4 P.M.

FILE NAME = c:\pw_work\pwidot\stephensondm\d0222142\D672078-plan58w.dgn	USER NAME = stephensondm	DESIGNED - DMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAP 757 (IL 106) PLAN SHEET 50 SCALE		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 128.0000 ' / in.	DRAWN - DMS	REVISED -				757	20RS-7	PIKE	39	18
	PLOT DATE = Nov 17 2011 11:28:31AM	CHECKED -	REVISED -						CONTRACT NO. 72D78		
		DATE -	REVISED -		SCALE: 50	SHEET NO. OF SHEETS STA. 34+75 TO STA. 64+75			ILLINOIS FED. AID PROJECT		

V GUTTER REMOVAL
APPROX 15'
VERIFY W R.E.

STA 64+65 TO STA 64+90
LT 32.00' TO LT 57.00'
PR CL A4 RIP RAP - 45.1 TONS
PR FILTER FABRIC - 69.4 SQ YD

PR HMA SURFACE REMOVAL, VARIABLE DEPTH
PR LEVELING BINDER (NM), N70 ¾"
PR HMA SURFACE COURSE, MIX C, N70, VD

SEC. 13 T 5 S., R 2 W., 4 P.M.

EX ROW

EX GUTTER

+00 GUTTER START

+74 GUTTER STOP

+76 PE AGG

+81 PE W/MB AGG

MATCHLINE STA 64+75.00

MATCHLINE STA 79+75.00

65+00

70+00

75+00

FAP 757 (IL 106)

11'-11"

5'

2'

16'

PC STA 79+47.45

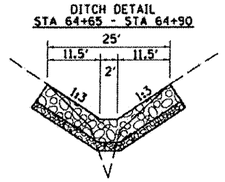
ROT STA 9+00.00

+96 FE DIRT

THE HMA SHOULDERS SHALL BE PAVED MONOLITHICALLY WITH THE HMA SURFACE COURSE WHERE SPECIFIED AS SURFACE MIX.

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

DITCH DETAIL
STA 64+65 - STA 64+90



SEC. 24 T 5 S., R 2 W., 4 P.M.

N

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	PLOT SCALE = 128.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = Nov-17-2011 11:28:39AM	DATE -	REVISED -

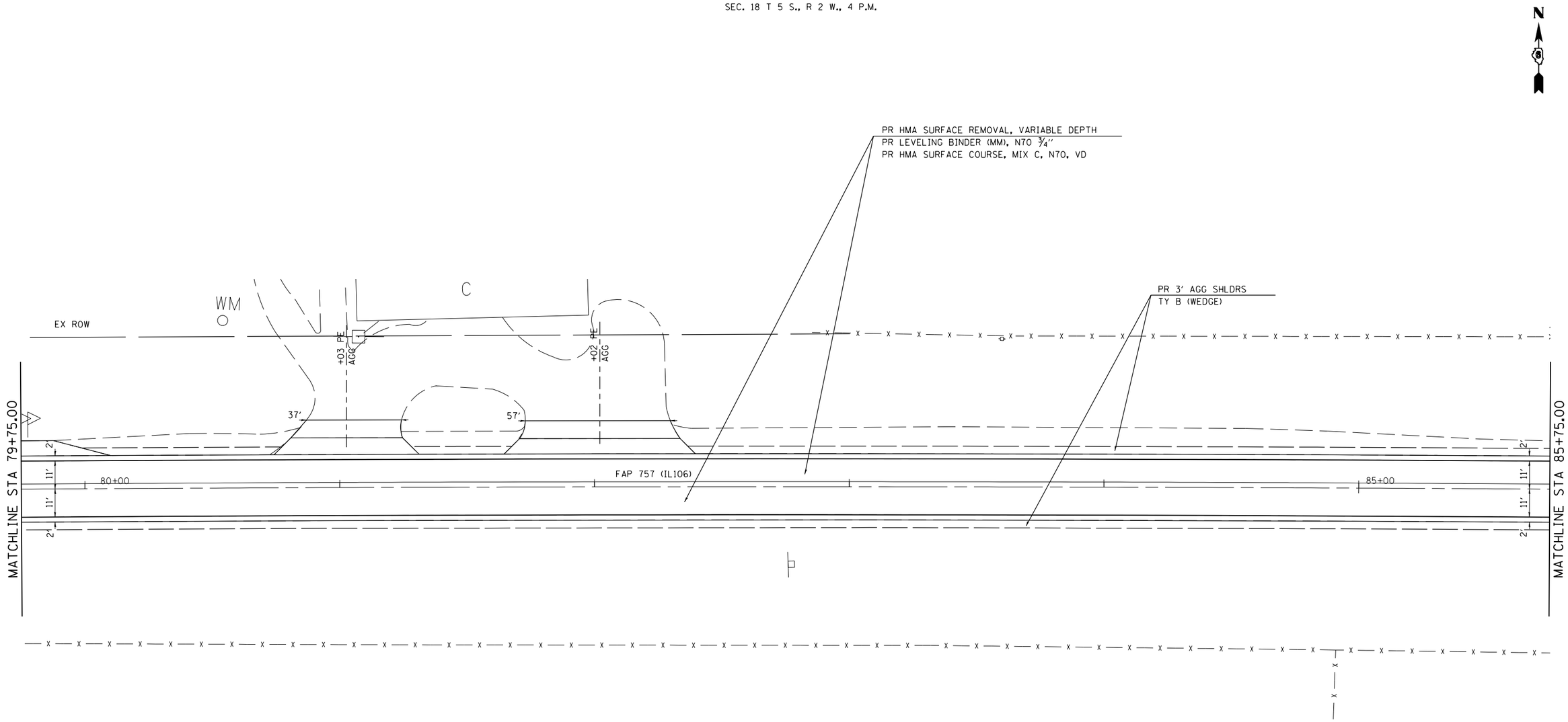
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 757 (IL 106) PLAN SHEET
50 SCALE

SCALE: 50 | SHEET NO. OF SHEETS | STA. 64+75 TO STA. 79+75

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	19
		CONTRACT NO. 72D78		
	ILLINOIS FED. AID PROJECT			

SEC. 18 T 5 S., R 2 W., 4 P.M.



EX CURVE 105
PI STA. = 83+97.46
Δ = 1° 04' 27" (RT)
D = 0° 07' 10"
R = 48,003.44'
T = 450.01'
L = 900.00'
E = 2.11'
e = N.C.
T.R. = _____
S.E. RUN = _____
P.C. STA. = 79+47.45
P.T. STA. = 88+47.45

THE HMA SHOULDERS SHALL BE PAVED MONOLITHICALLY WITH THE HMA SURFACE COURSE WHERE SPECIFIED AS SURFACE MIX.

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

SEC. 19 T 5 S., R 2 W., 4 P.M.

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	PLOT DATE = Oct-20-2011 03:28:01PM	DATE -	REVISED -

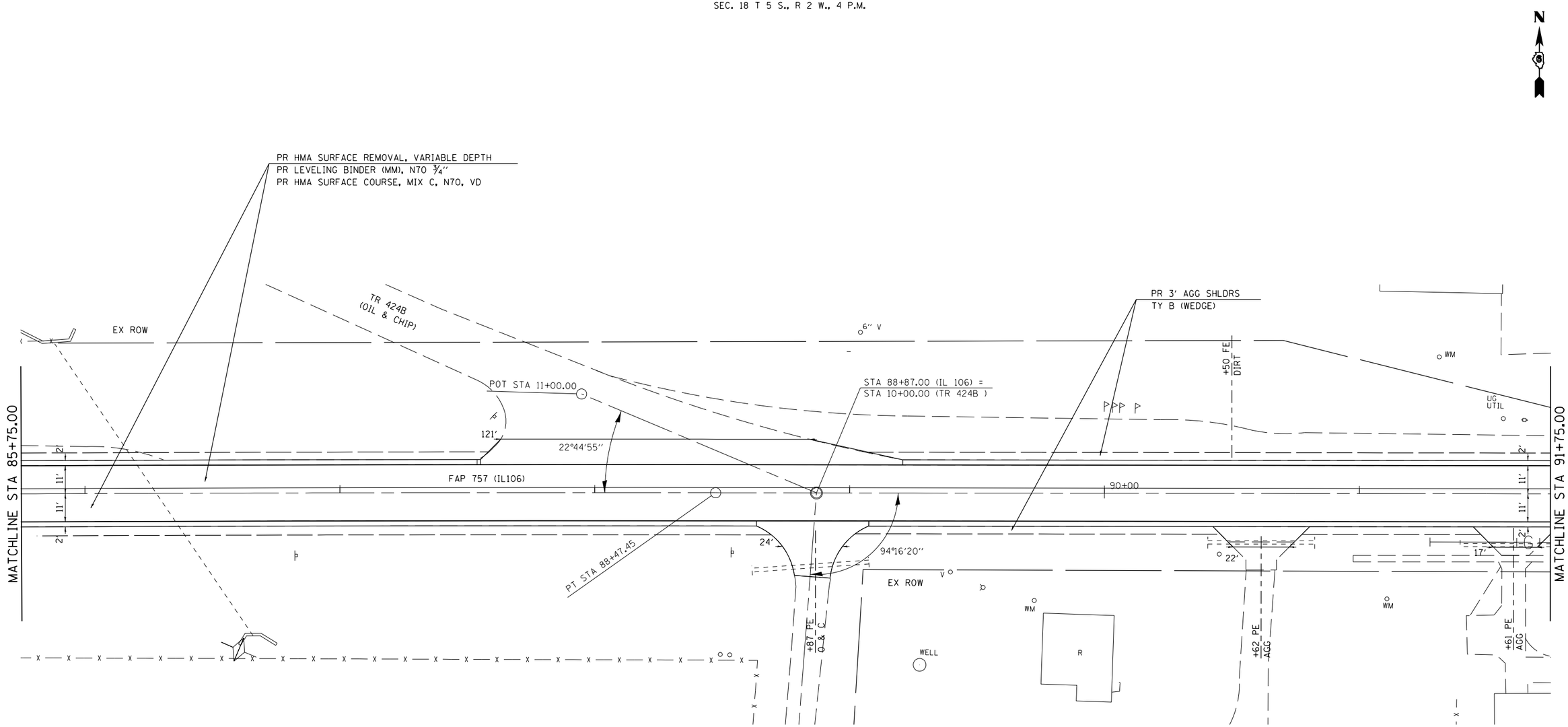
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 757 (IL 106) PLAN SHEET
20 SCALE

SCALE: 1"= 20' | SHEET NO. 20 OF 39 SHEETS | STA. 79+75 TO STA. 85+75

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	20
		CONTRACT NO. 72D78		
	ILLINOIS	FED. AID PROJECT		

SEC. 18 T 5 S., R 2 W., 4 P.M.



THE HMA SHOULDERS SHALL BE PAVED MONOLITHICALLY WITH THE HMA SURFACE COURSE WHERE SPECIFIED AS SURFACE MIX.

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

SEC. 19 T 5 S., R 2 W., 4 P.M.

FILE NAME = c:\pw_work\pwidot\sparksgw\d0222140\D672D78-plan20.dgn	USER NAME = sparksgw	DESIGNED - DMS	REVISED -
		DRAWN - DMS	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = Oct-20-2011 03:28:01PM	DATE -	REVISED -

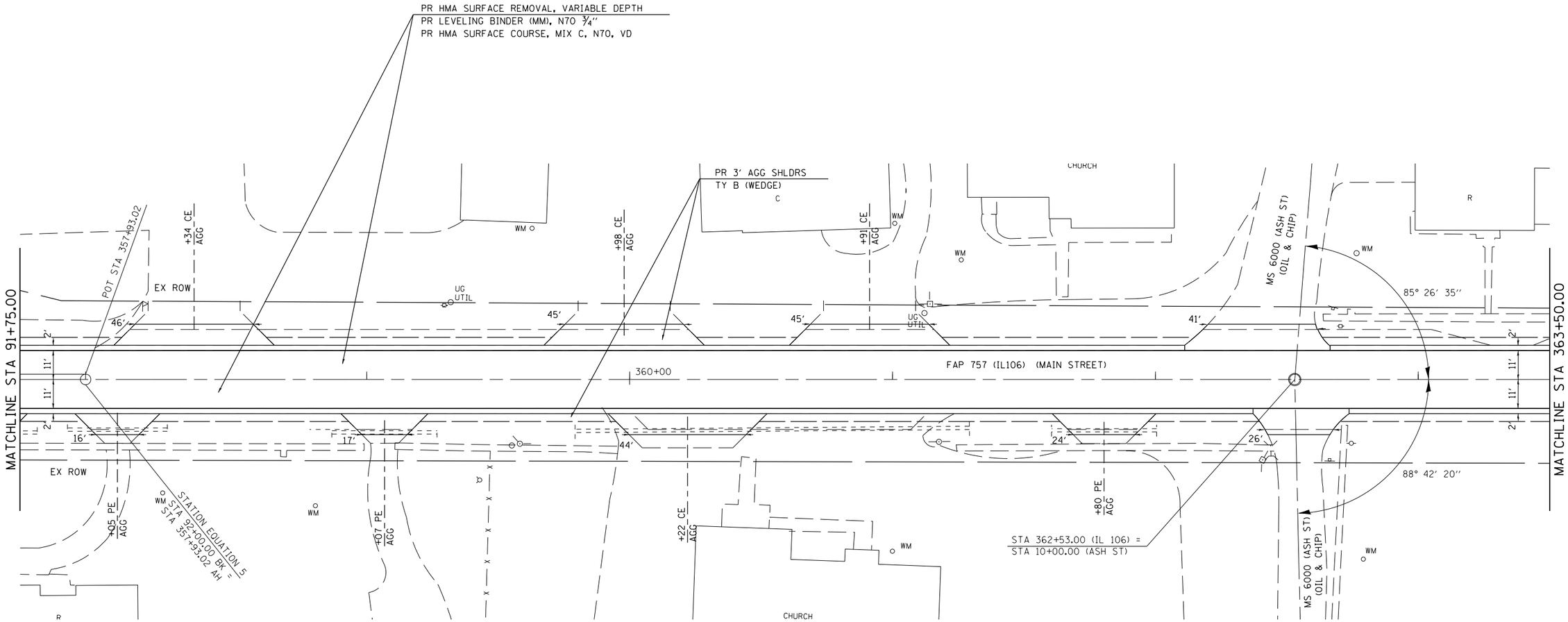
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 757 (IL 106) PLAN SHEET
20 SCALE

SCALE: 1"= 20' | SHEET NO. 20 OF 39 SHEETS | STA. 85+75 TO STA. 91+75

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	21
		CONTRACT NO. 72D78		
	ILLINOIS	FED. AID PROJECT		

SEC. 18 T 5 S., R 2 W., 4 P.M.



THE HMA SHOULDERS SHALL BE PAVED MONOLITHICALLY WITH THE HMA SURFACE COURSE WHERE SPECIFIED AS SURFACE MIX.

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

SEC. 19 T 5 S., R 2 W., 4 P.M.

FILE NAME = c:\pw_work\pwidot\sparksgw\d0222140\D672D78-plan20.dgn	USER NAME = sparksgw	DESIGNED - DMS	REVISED -
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	PLOT DATE = Oct-20-2011 03:28:02PM	DATE -	REVISED -

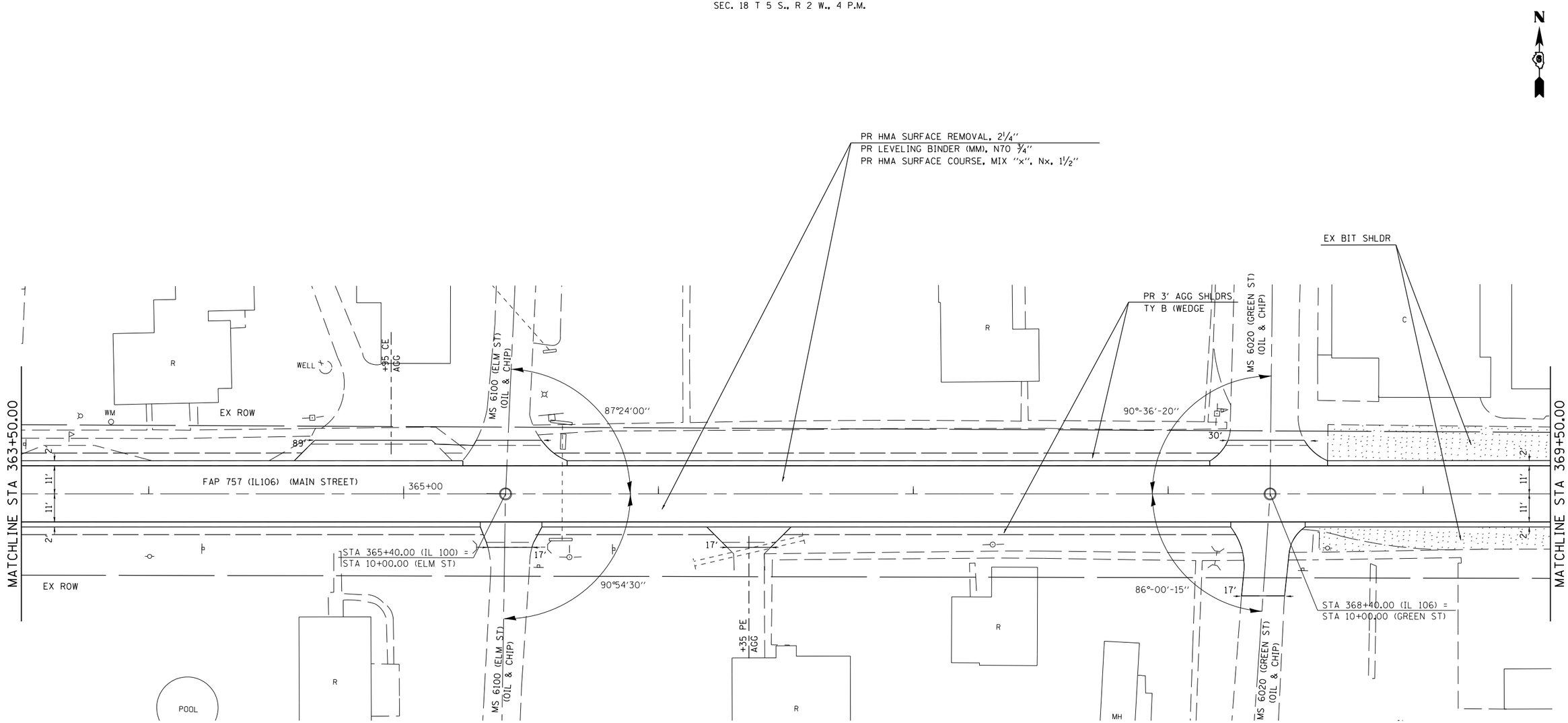
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 757 (IL 106) PLAN SHEET
20 SCALE

SCALE: 1"= 20' | SHEET NO. 20 OF 39 SHEETS | STA. 91+75 TO STA. 363+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	22
		CONTRACT NO. 72D78		
		ILLINOIS FED. AID PROJECT		

SEC. 18 T 5 S., R 2 W., 4 P.M.



THE HMA SHOULDERS SHALL BE PAVED MONOLITHICALLY WITH THE HMA SURFACE COURSE WHERE SPECIFIED AS SURFACE MIX.

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

SEC. 19 T 5 S., R 2 W., 4 P.M.

FILE NAME = c:\pw_work\pwidot\sparksgw\d0222140\D672D78-plan20.dgn	USER NAME = sparksgw	DESIGNED - DMS	REVISED -
		DRAWN - DMS	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = Oct-20-2011 03:28:02PM	DATE -	REVISED -

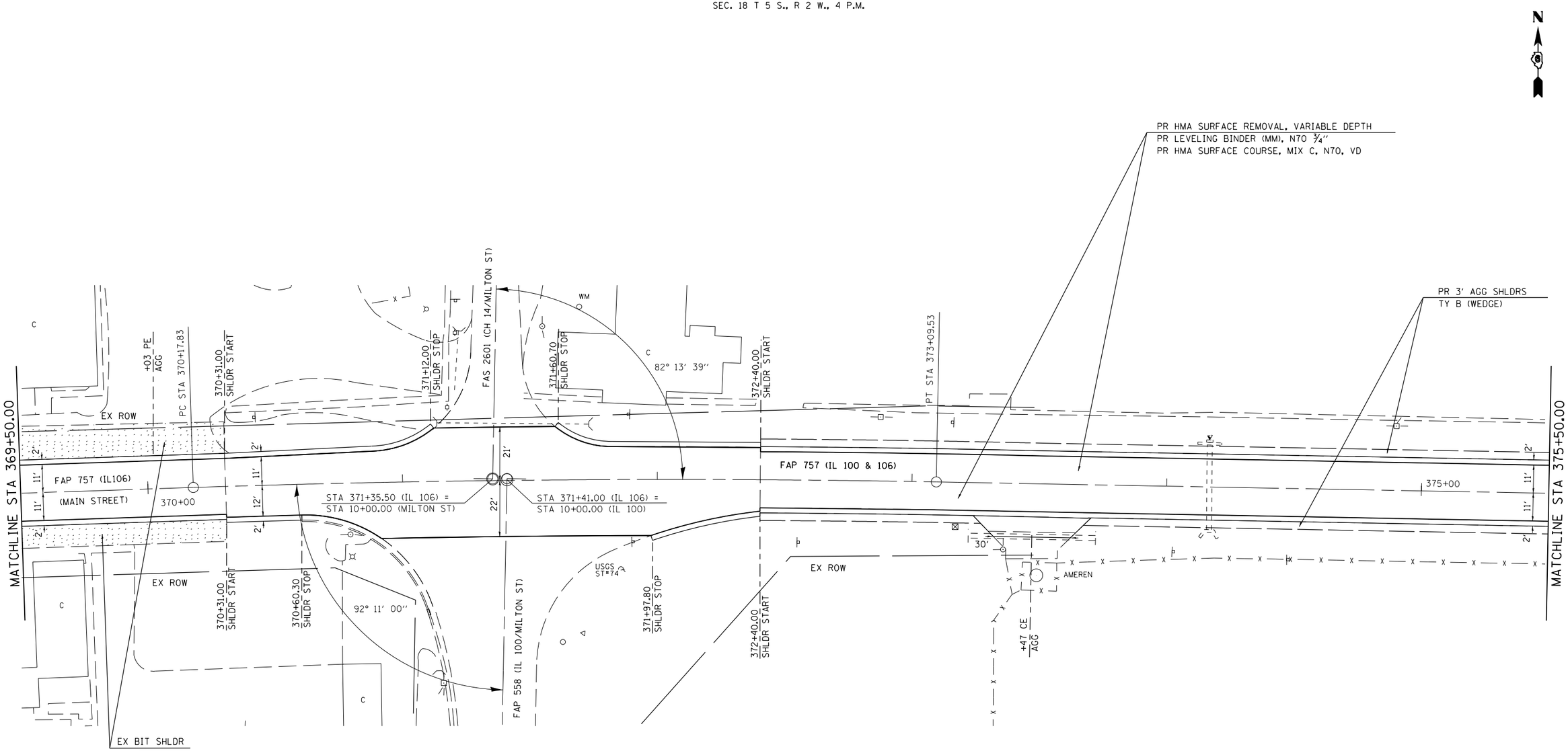
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 757 (IL 106) PLAN SHEET
20 SCALE

SCALE: 1"= 20' | SHEET NO. 20 OF 39 SHEETS | STA. 363+50 TO STA. 369+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	23
		CONTRACT NO. 72D78		
		ILLINOIS FED. AID PROJECT		

SEC. 18 T 5 S., R 2 W., 4 P.M.



THE HMA SHOULDERS SHALL BE PAVED MONOLITHICALLY WITH THE HMA SURFACE COURSE WHERE SPECIFIED AS SURFACE MIX.

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

SEC. 19 T 5 S., R 2 W., 4 P.M.

FILE NAME = c:\pw_work\pwidot\sparksgw\d0222140\D672D78-plan20.dgn	USER NAME = sparksgw	DESIGNED - DMS	REVISED -
		DRAWN - DMS	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = Oct-20-2011 03:28:03PM	DATE -	REVISED -

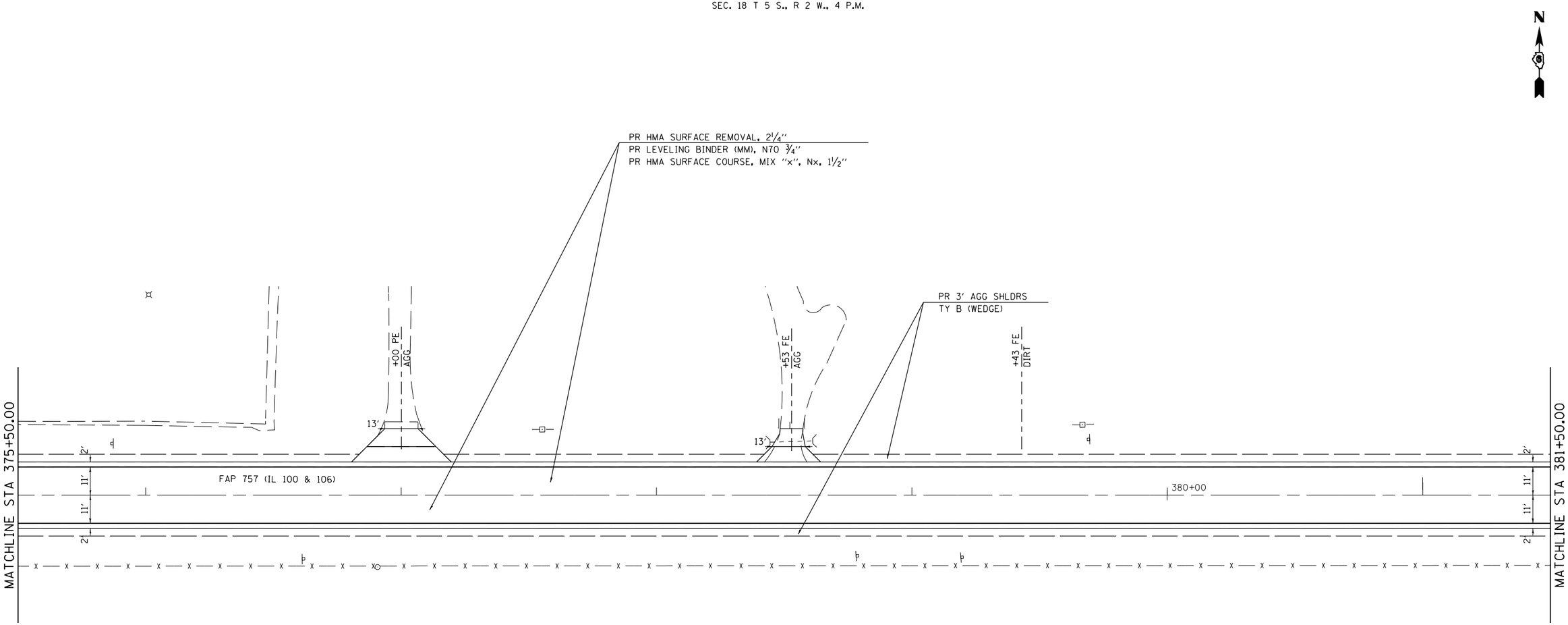
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 757 (IL 106) PLAN SHEET
20 SCALE

SCALE: 1"= 20' | SHEET NO. 20 OF 39 SHEETS | STA. 369+50 TO STA. 375+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	24
		CONTRACT NO. 72D78		
	ILLINOIS	FED. AID PROJECT		

SEC. 18 T 5 S., R 2 W., 4 P.M.



THE HMA SHOULDERS SHALL BE PAVED MONOLITHICALLY WITH THE HMA SURFACE COURSE WHERE SPECIFIED AS SURFACE MIX.

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

SEC. 19 T 5 S., R 2 W., 4 P.M.

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	PLOT DATE = Oct-20-2011 03:28:03PM	DATE -	REVISED -

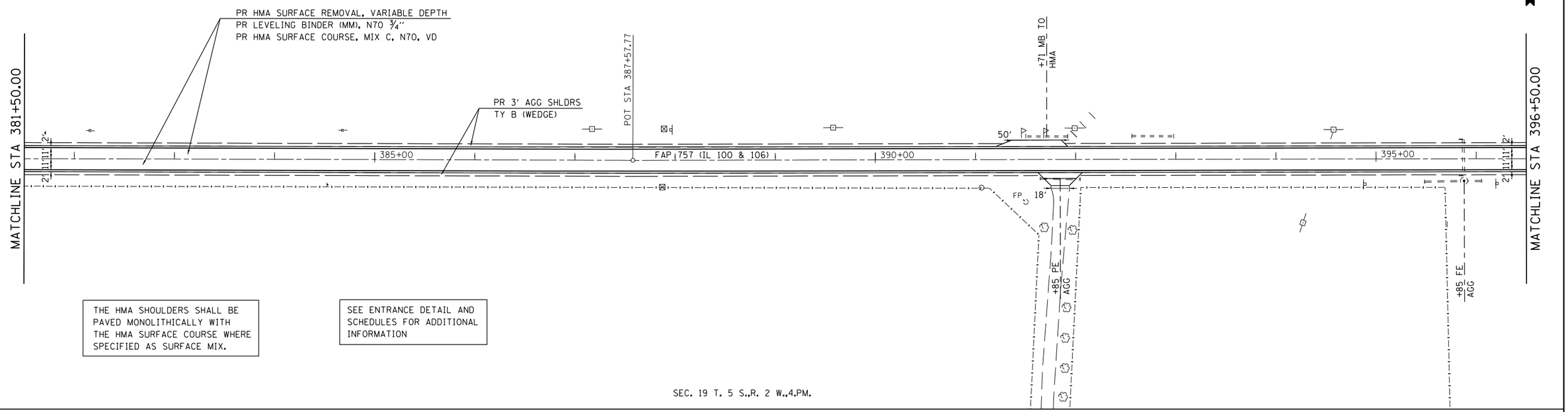
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 757 (IL 106) PLAN SHEET
20 SCALE

SCALE: 1"= 20' | SHEET NO. 20 OF 39 SHEETS | STA. 375+50 TO STA. 381+50

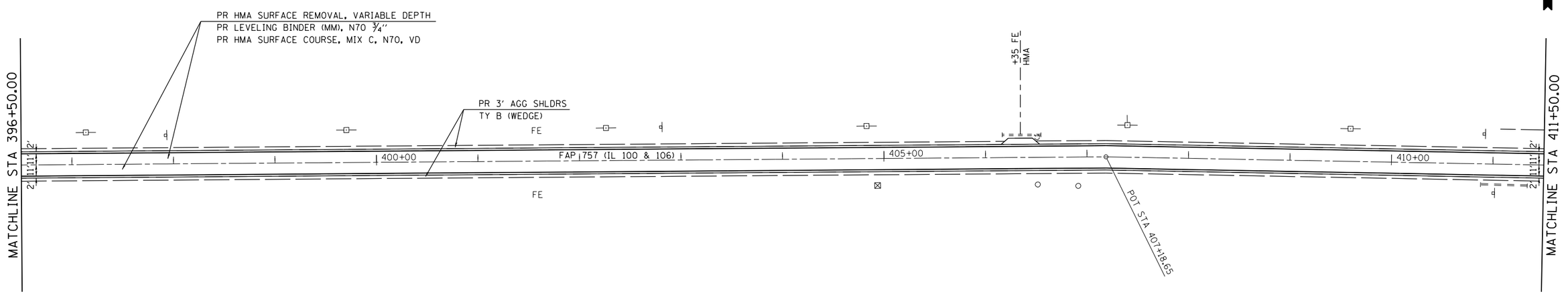
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	25
		CONTRACT NO. 72D78		
	ILLINOIS FED. AID PROJECT			

SEC. 18 T. 5 S.,R. 2 W.,4.PM.



SEC. 19 T. 5 S.,R. 2 W.,4.PM.

SEC. 17 T. 5 S.,R. 2 W.,4.PM.



SEC. 20 T. 5 S.,R. 2 W.,4.PM.

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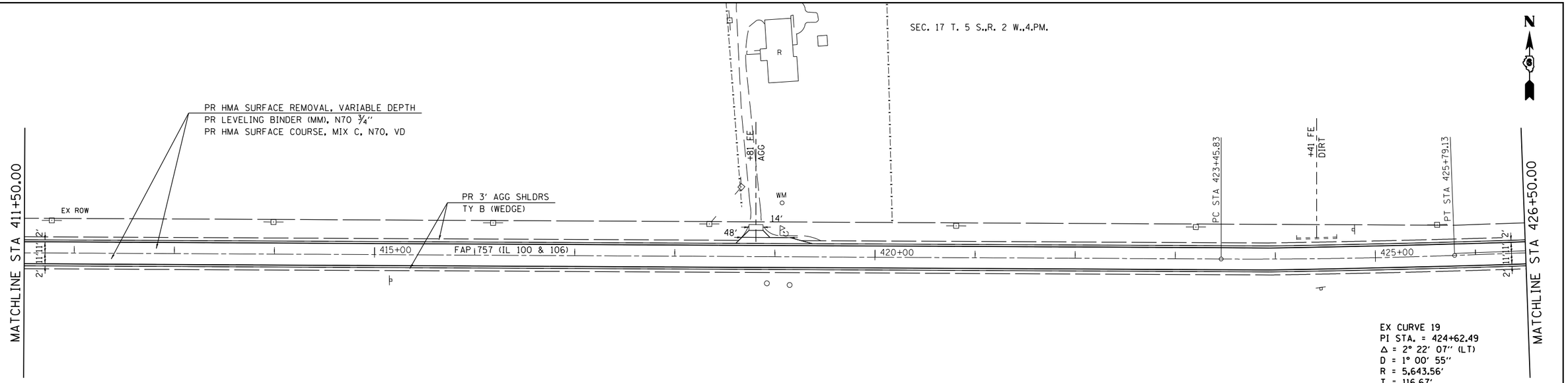
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 757 (IL 106) PLAN SHEET
50 SCALE

SCALE: 1" = 50' | SHEET NO. OF SHEETS | STA. 381+50 TO STA. 411+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	26
		CONTRACT NO. 72D78		
	ILLINOIS	FED. AID PROJECT		

SEC. 17 T. 5 S.,R. 2 W.,4.PM.



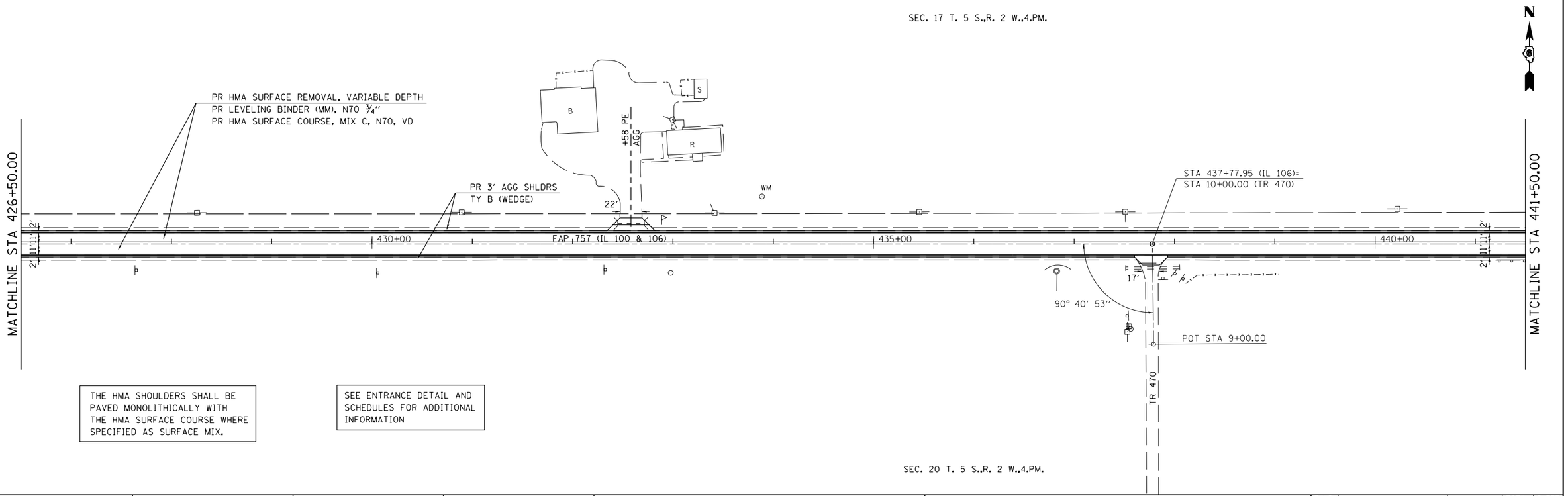
EX CURVE 19
PI STA. = 424+62.49
Δ = 2° 22' 07" (LT)
D = 1° 00' 55"
R = 5,643.56'
T = 116.67'
L = 233.30'
E = 1.21'
e = NORMAL CROWN
T.R. = -----
S.E. RUN = -----
P.C. STA. = 423+45.83
P.T. STA. = 425+79.13

THE HMA SHOULDERS SHALL BE PAVED MONOLITHICALLY WITH THE HMA SURFACE COURSE WHERE SPECIFIED AS SURFACE MIX.

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

SEC. 20 T. 5 S.,R. 2 W.,4.PM.

SEC. 17 T. 5 S.,R. 2 W.,4.PM.



THE HMA SHOULDERS SHALL BE PAVED MONOLITHICALLY WITH THE HMA SURFACE COURSE WHERE SPECIFIED AS SURFACE MIX.

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

SEC. 20 T. 5 S.,R. 2 W.,4.PM.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 757 (IL 106) PLAN SHEET
50 SCALE

SCALE: 1" = 50' | SHEET NO. OF SHEETS | STA. 411+50 TO STA. 441+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	27
		CONTRACT NO. 72D78		
	ILLINOIS	FED. AID PROJECT		

SEC. 17 T. 5 S.,R. 2 W.,4.PM.

SEC. 16 T. 5 S.,R. 2 W.,4.PM.

SEC. 20 T. 5 S.,R. 2 W.,4.PM.

MATCHLINE STA 441+50.00

+80 FE DIRT

PC STA 443+79.29

+50 GUTTER START

PR HMA SURFACE REMOVAL, VARIABLE DEPTH
PR LEVELING BINDER (MM), N70 3"4"
PR HMA SURFACE COURSE, MIX C, N70, VD

EX CURVE 11
PI STA. = 451+96.20
Δ = 39° 09' 34" (LT)
D = 2° 29' 41"
R = 2,296.72'
T = 816.91'
L = 1,569.72'
E = 140.96'
e = 5.4%
T.R. = 35'
S.E. RUN = 162'
P.C. STA. = 443+79.29
P.T. STA. = 459+49.01

APPROX. SEC. LINE

EX GUTTER

MATCHLINE STA 456+50.00

PR 3' AGG SHLDR
TY B (WEDGE)

445+00

450+00

455+00

FAP 757 (IL 100 & 106)

54'

STA 451+79.48 (IL 106)=
STA 10+00.00 (TR 273)

POT STA 9+00.23

TR 273

THE HMA SHOULDERS SHALL BE PAVED MONOLITHICALLY WITH THE HMA SURFACE COURSE WHERE SPECIFIED AS SURFACE MIX.

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

SEC. 16 T. 5 S.,R. 2 W.,4.PM.

MATCHLINE STA 456+50.00

EX GUTTER

+88 GUTTER STOP

PT STA 459+49.01

PR HMA SURFACE REMOVAL, VARIABLE DEPTH
PR LEVELING BINDER (MM), N70 ¾"
PR HMA SURFACE COURSE, MIX C, N70, VD

PR 3' AGG SHLDRS
TY B (WEDGE)

+29 FE DIRT

+44 FE DIRT

POT STA 0+00.00

POT STA 0+85.67

FAP 757 (IL 100 & 106)

465+00

470+00

0+00

14'

+30 PE AGG

STATION EQUATION 6
STA 459+49.01 BK =
STA 460+20.60 AH

STATION EQUATION 7
STA 470+81.02 BK =
STA 0+00.00 AH

MATCHLINE STA 1+25.00

THE HMA SHOULDERS SHALL BE PAVED MONOLITHICALLY WITH THE HMA SURFACE COURSE WHERE SPECIFIED AS SURFACE MIX.

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

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	PLOT DATE = Oct-20-2011 03:28:11PM	DATE -	REVISED -

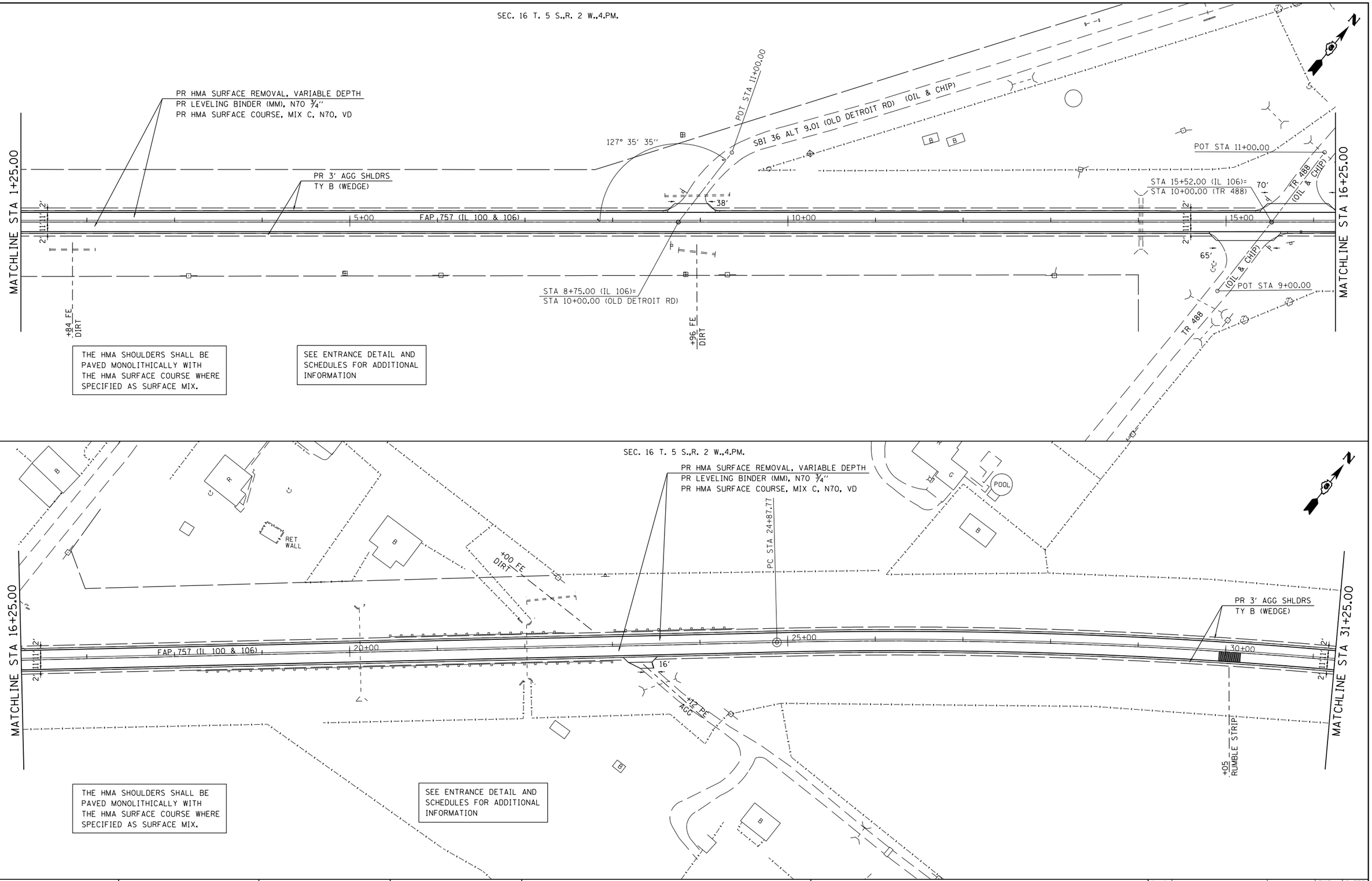
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 757 (IL 106) PLAN SHEET
50 SCALE

SCALE: 1" = 50' | SHEET NO. OF SHEETS | STA. 441+50 TO STA. 1+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	28
		CONTRACT NO. 72D78		
	ILLINOIS FED. AID PROJECT			

SEC. 16 T. 5 S.,R. 2 W.,4.PM.



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	PLOT DATE = Oct-20-2011 03:28:12PM	DATE -	REVISED -

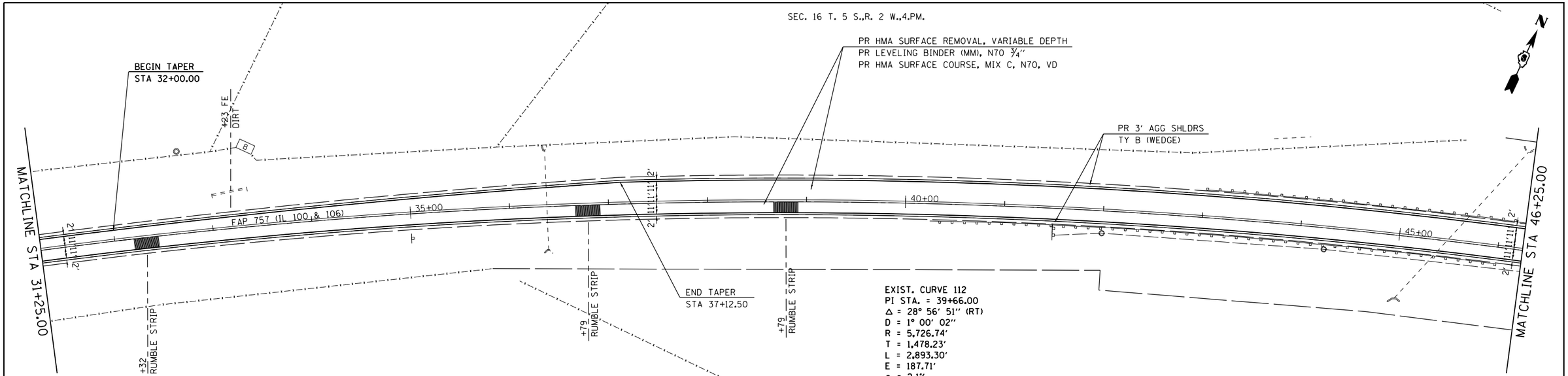
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 757 (IL 106) PLAN SHEET
50 SCALE

SCALE: 1" = 50' | SHEET NO. OF SHEETS | STA. 1+25 TO STA. 31+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	29
		CONTRACT NO. 72D78		
	ILLINOIS FED. AID PROJECT			

SEC. 16 T. 5 S.,R. 2 W.,4.PM.

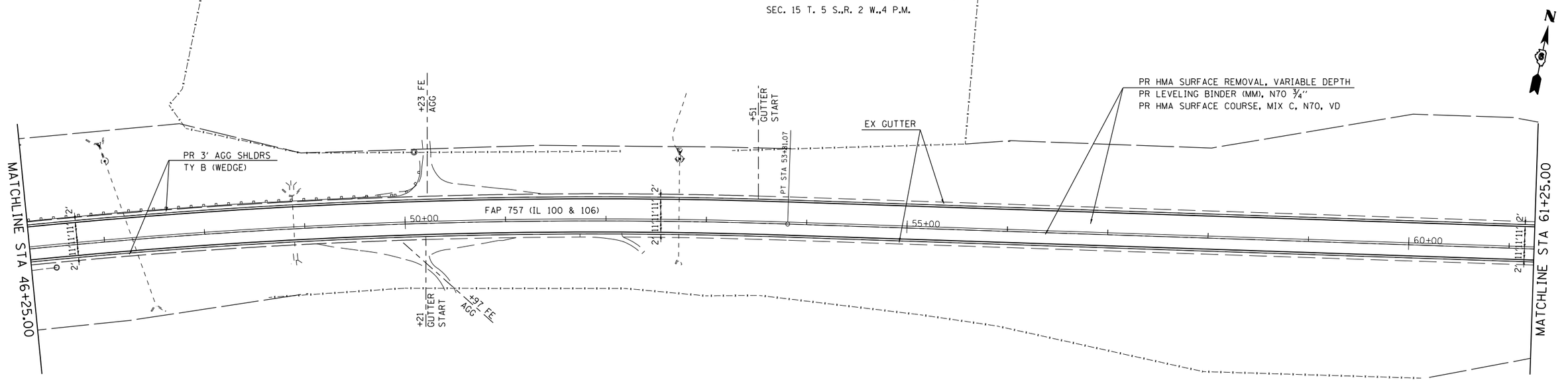


EXIST. CURVE 112
PI STA. = 39+66.00
Δ = 28° 56' 51" (RT)
D = 1° 00' 02"
R = 5,726.74'
T = 1,478.23'
L = 2,893.30'
E = 187.71'
e = 2.1%
T.R. = 35'
S.E. RUN = 85'
P.C. STA. = 24+87.77
P.T. STA. = 53+81.07

THE HMA SHOULDERS SHALL BE PAVED MONOLITHICALLY WITH THE HMA SURFACE COURSE WHERE SPECIFIED AS SURFACE MIX.

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

SEC. 15 T. 5 S.,R. 2 W.,4 P.M.



THE HMA SHOULDERS SHALL BE PAVED MONOLITHICALLY WITH THE HMA SURFACE COURSE WHERE SPECIFIED AS SURFACE MIX.

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

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	PLOT DATE = Oct-20-2011 03:28:12PM	DATE -	REVISED -

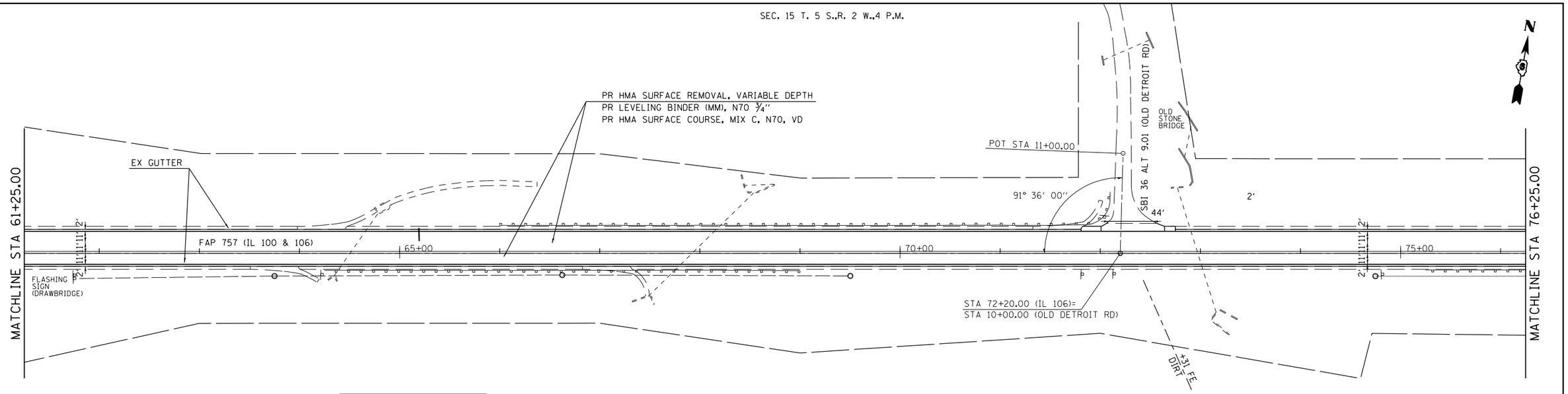
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 757 (IL 106) PLAN SHEET
50 SCALE

SCALE: 1" = 50' | SHEET NO. OF SHEETS | STA. 31+25 TO STA. 61+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	30
		CONTRACT NO. 72D78		
	ILLINOIS FED. AID PROJECT			

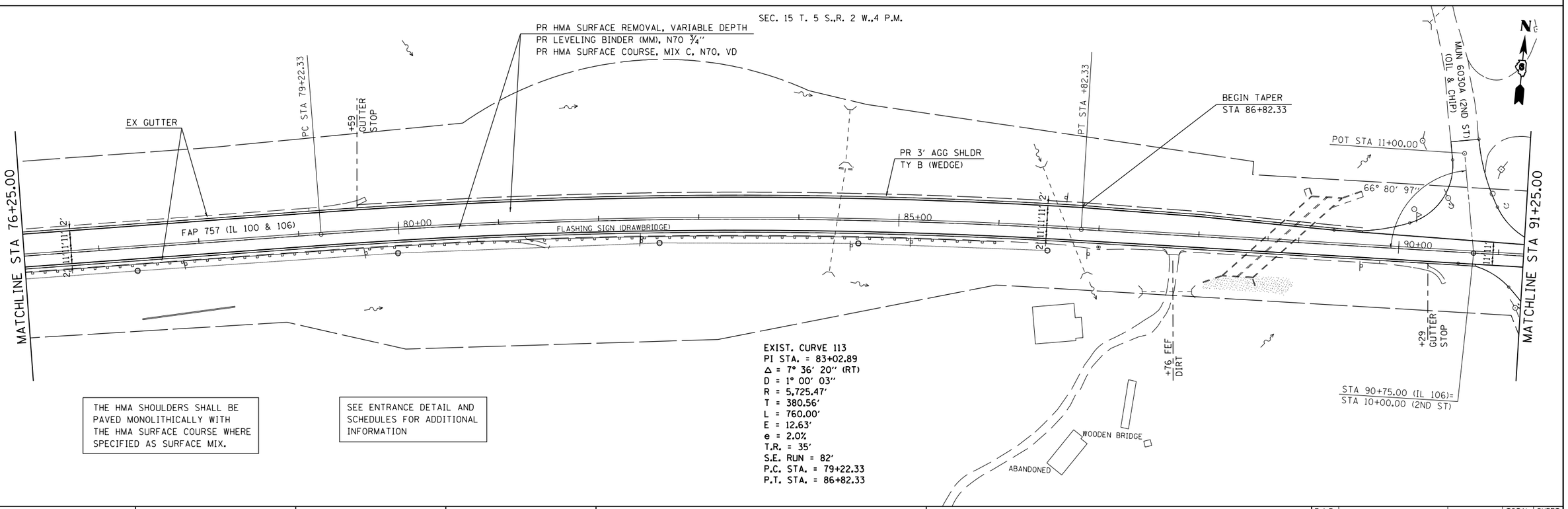
SEC. 15 T. 5 S.,R. 2 W.,4 P.M.



THE HMA SHOULDERS SHALL BE PAVED MONOLITHICALLY WITH THE HMA SURFACE COURSE WHERE SPECIFIED AS SURFACE MIX.

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

SEC. 15 T. 5 S.,R. 2 W.,4 P.M.



THE HMA SHOULDERS SHALL BE PAVED MONOLITHICALLY WITH THE HMA SURFACE COURSE WHERE SPECIFIED AS SURFACE MIX.

SEE ENTRANCE DETAIL AND SCHEDULES FOR ADDITIONAL INFORMATION

EXIST. CURVE 113
PI STA. = 83+02.89
Δ = 7° 36' 20" (RT)
D = 1° 00' 03"
R = 5,725.47'
T = 380.56'
L = 760.00'
E = 12.63'
e = 2.0%
T.R. = 35'
S.E. RUN = 82'
P.C. STA. = 79+22.33
P.T. STA. = 86+82.33

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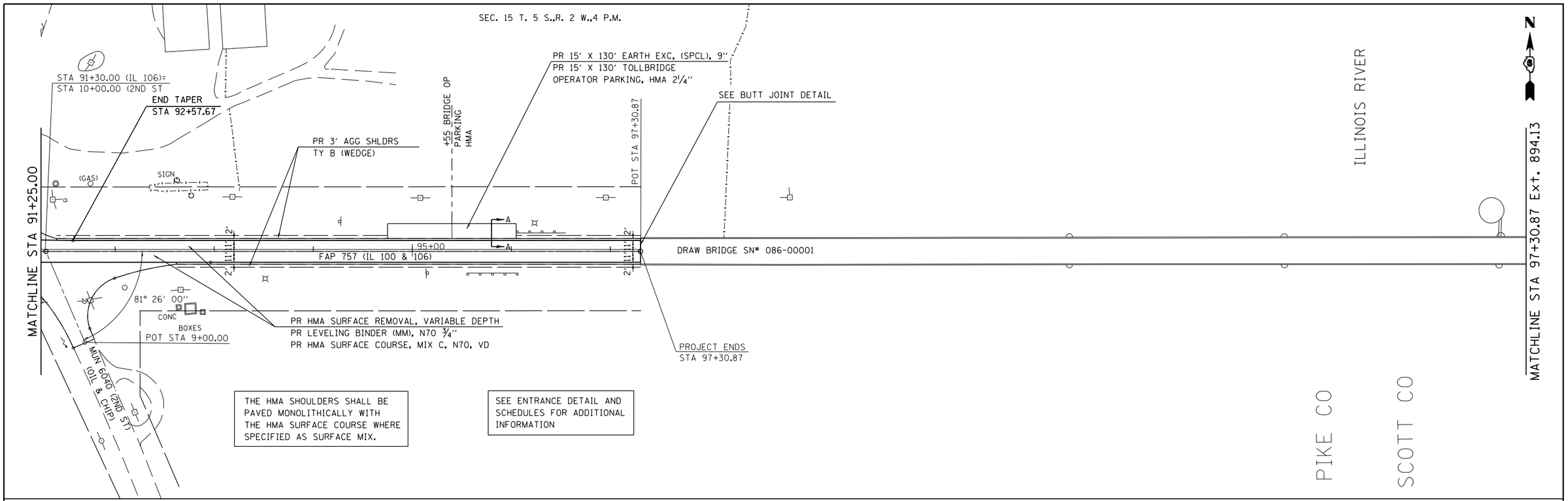
	PLOT DATE = Oct-20-2011 03:28:13PM	DATE -	REVISED -

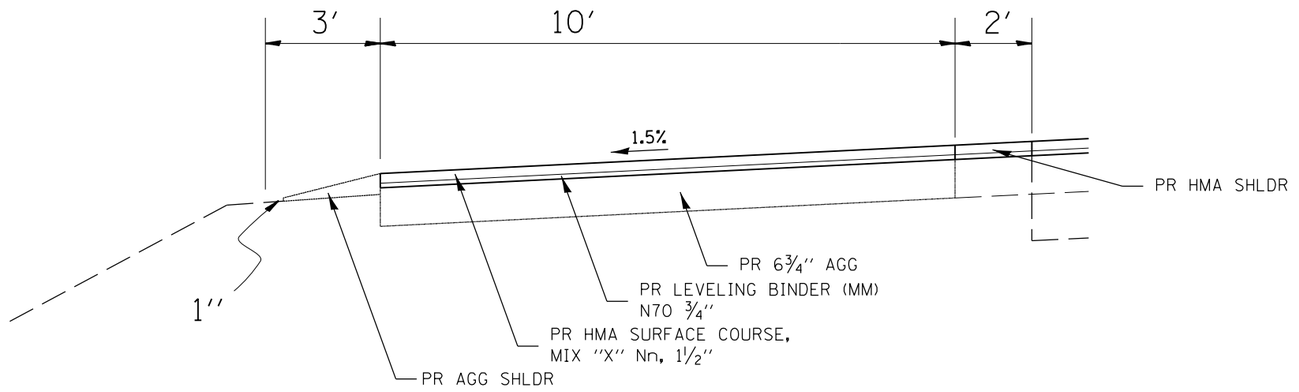
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 757 (IL 106) PLAN SHEET
50 SCALE

SCALE: 1" = 50' | SHEET NO. OF SHEETS | STA. 61+25 TO STA. 91+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	31
		CONTRACT NO. 72D78		
		ILLINOIS	FED. AID PROJECT	





A - A

LT STA 95+05.00 TO LT STA 96+05.00

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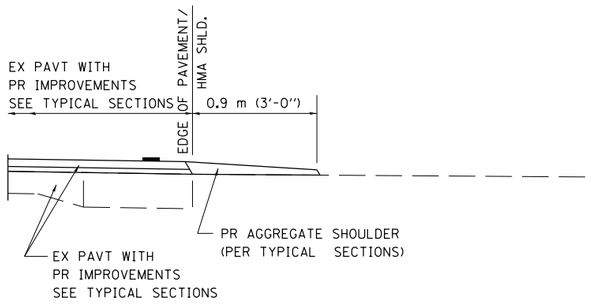
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

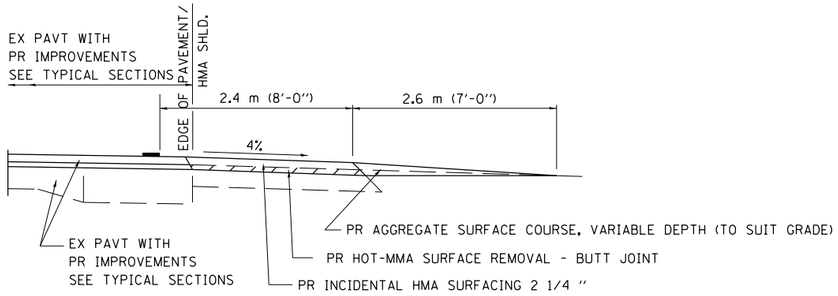
FAP 757 (IL 106) PLAN SHEET
50 SCALE

SCALE: 1" = 50' | SHEET NO. OF SHEETS | STA. 91+25 TO STA. 97+30.87

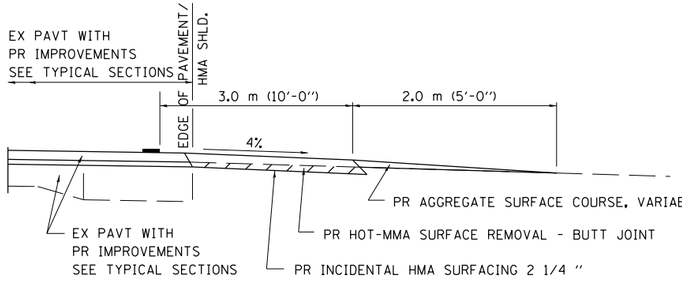
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	32
		CONTRACT NO. 72D78		
	ILLINOIS	FED. AID PROJECT		



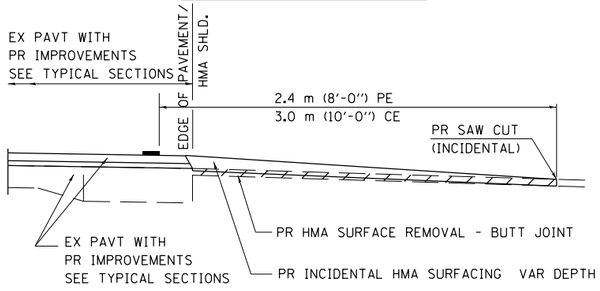
SECTION A-A FOR EX EARTH/ AGGREGATE FE



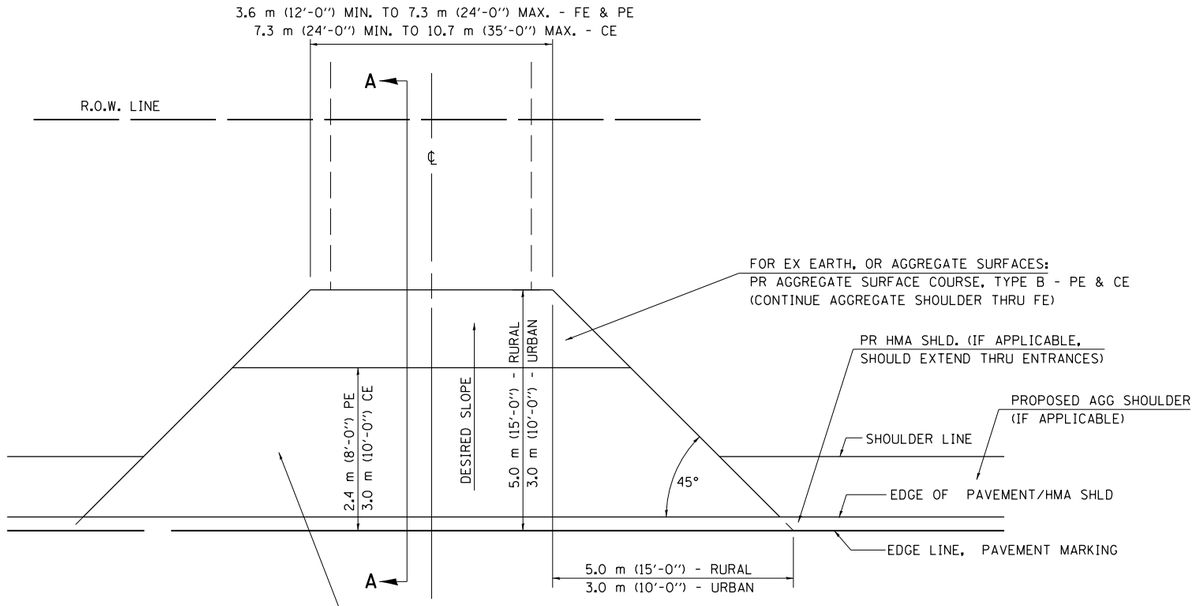
SECTION A-A FOR EX EARTH/AGGREGATE PE WITH EXISTING HMA APRON



SECTION A-A FOR EX EARTH/AGGREGATE CE & SIDE ROAD WITH EXISTING HMA APRON



SECTION A-A FOR EX BITUMINOUS/ PC CONCRETE PE, CE & SIDE ROAD

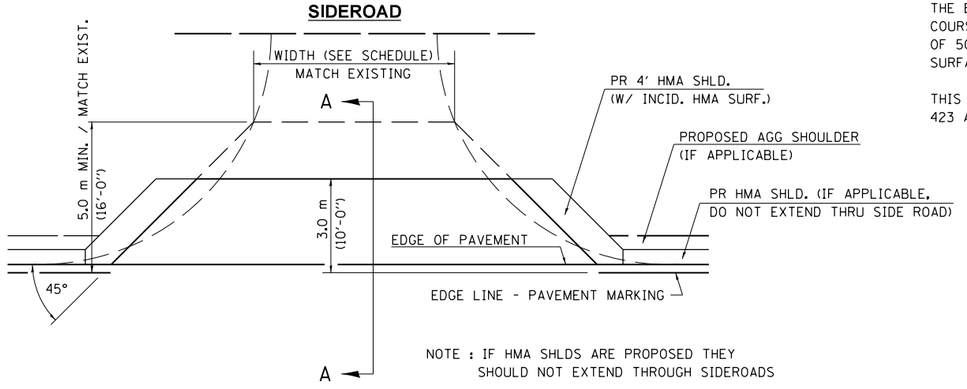


FOR EX EARTH OR AGGREGATE SURFACES
WITH HMA APRONS:
PR HMA SURFACE REMOVAL VD (IF APPLICABLE)
PR AGGREGATE SHOULDER THRU - FE
PR INCIDENTAL HMA SURF 90 mm (2 1/4 ") - PE
PR INCIDENTAL HMA SURF 90 mm (2 1/4 ") - CE

FOR EX HOT-MIX ASPHALT SURFACES:
PR HMA SURFACE REMOVAL - BUTT JOINT

FOR EX PCC SURFACES:
PR HMA SURFACE REMOVAL - BUTT JOINT

SIDEROAD



NOTE : IF HMA SHLDS ARE PROPOSED THEY
SHOULD NOT EXTEND THROUGH SIDEROADS

GENERAL NOTES:

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

HOT-MIX ASPHALT REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE HOT-MIX ASPHALT PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 75 mm (3 INCHES) AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF BITUMINOUS BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 50 mm (2 INCHES) SHALL MEET THE REQUIREMENTS OF HOT-MIX ASPHALT SURFACE COURSE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

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

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	PLOT DATE = Oct-20-2011 03:28:20PM	DATE -	REVISED -

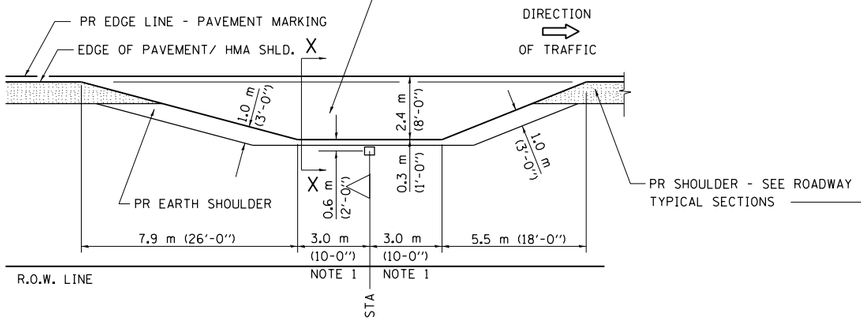
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX TURNOUT & SIDEROADS W/O CONC. GUTTER (3P-PROJ.)

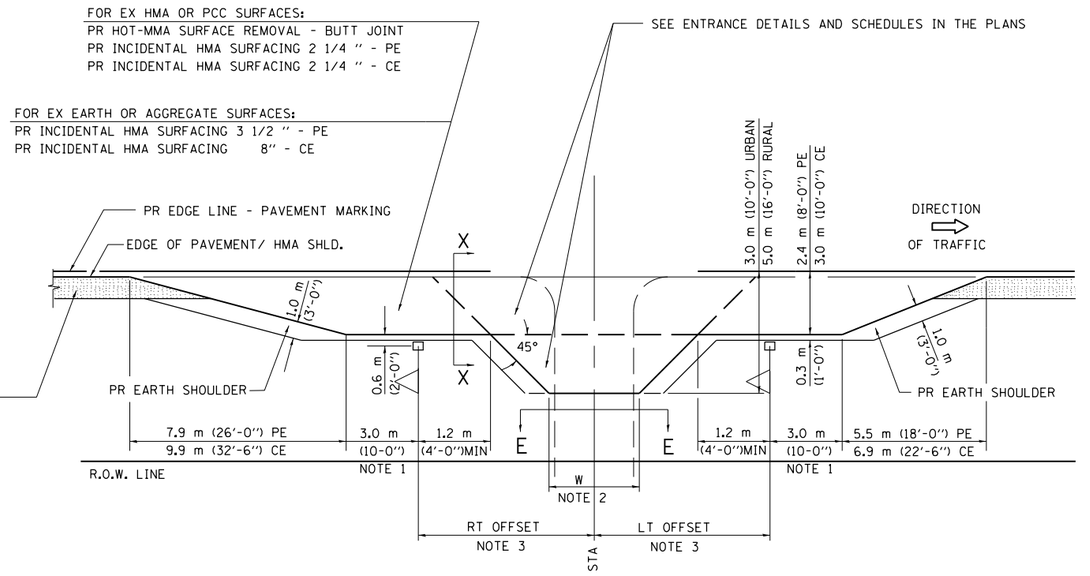
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	33
		CONTRACT NO. 72D78		
	ILLINOIS FED. AID PROJECT			

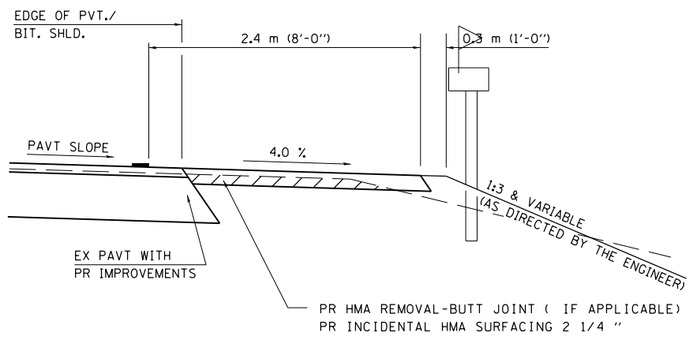
DETAILS OF MAILBOX TURNOUTS



PLAN - MAILBOX TURNOUTS

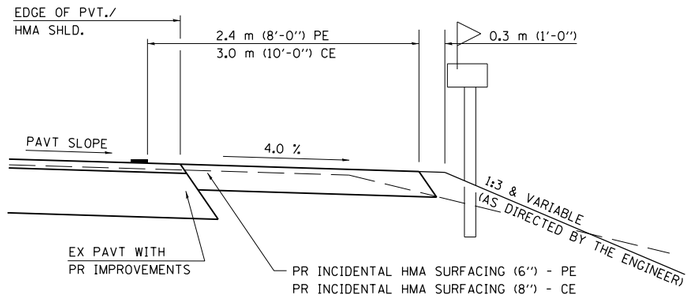


PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



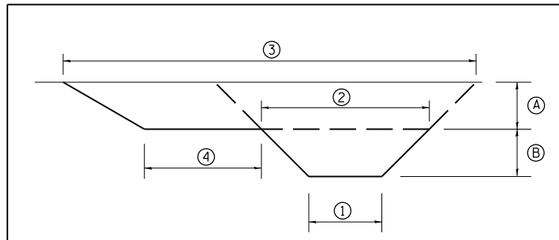
SECTION X-X THRU MAILBOX TURNOUT
ALSO APPLIES TO MAILBOX TURNOUTS COMBINED WITH EX EARTH, AGGREGATE, OR BITUMINOUS PE & FE

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST. IF EXISTING, TREAT SAME AS ENTRANCE.)



SECTION X-X THRU MAILBOX TURNOUT
COMBINED WITH EX BITUMINOUS CONC & PC CONC PE & CE

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST. IF EXISTING, TREAT SAME AS ENTRANCE.)



DIMENSIONS REFERENCED IN SCHEDULE

NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.

NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.

NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

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

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		DRAWN - DMS	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = Oct-20-2011 03:28:20PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX TURNOUT & SIDEROADS W/O CONC. GUTTER (3P-PROJ.)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	34
		CONTRACT NO. 72D78		
	ILLINOIS FED. AID PROJECT			

ENTRANCE SCHEDULE

	LOCATION	NAME / TYPE	DEPTH (INCHES)	EX. MATERIAL	WIDTH 1	WIDTH 2	WIDTH 3	WIDTH 4	LENGTH FROM E.O.P. TO HMA APRON	LENGTH FROM E.O.P TO IMP LIMITS	HMA AREA (SQ YD)	HMA QUANTITY (TONS)	PREP OF BASE (SQ YD)	AGG SURFACE COURSE TYPE B (SQ YD)	BITUMINOUS PRIME COAT	HMA REMOVAL BUTT JOINT (SQ YD)	TEMPORARY RAMP (SQ YD)
IL 106																	
	LT STA 184+35.00	423RD LANE (FIELDS HILL)	2.25	HMA	0.0	22.0	44.0	0.0	CADD	45.0	128.1	7.2	0.0	0.0	0.05	128.1	18.3
	LT STA 197+79.00	PE	2.25	HMA	0.0	16.6	22.6	0.0	3.0	3.0	6.5	0.4	0.0	0.0	0.00	6.5	0.0
1	STA EQN: 203+18.62 (BK) = STA 203+52.42 (AH)																
2	STA EQN: 210+02.00 (BK) = STA 210+00.00 (AH)																
	RT STA 215+00.00	3376 E. (427TH ST.)	2.25	HMA	0.0	30.0	42.0	0.0	8.0	8.0	32.0	1.8	0.0	0.0	0.01	32.0	25.0
	RT STA 219+43.00	PE	2.25	HMA	13.0	14.7	26.7	0.0	6.0	13.0	13.8	0.8	0.0	10.8	0.01	13.8	0.0
	RT STA 220+59.00	PE	2.25	HMA	11.9	14.5	26.5	0.0	6.0	13.0	13.7	0.8	0.0	10.3	0.01	13.7	0.0
	LT STA 230+50.71	PE	2.25	HMA	29.3	43.0	54.6	0.0	8.0	15.0	43.4	2.4	0.0	28.1	0.02	43.4	0.0
3	STA EQN: 237+34.46 (BK) = STA 237+73.04 (AH)																
	RT STA 239+02.00	PE	2.25	HMA	16.3	30.3	28.0	0.0	6.0	13.0	19.4	1.1	0.0	18.1	0.01	19.4	0.0
	LT STA 258+59.30	3450 E. (435TH ST.)	2.25	HMA	0.0	57.6	78.6	0.0	10.0	10.0	75.7	4.2	0.0	0.0	0.03	75.7	48.0
	RT STA 258+59.30	3450 E. (435TH ST.)	2.25	HMA	0.0	43.1	67.4	0.0	10.0	10.0	61.4	3.4	0.0	0.0	0.02	61.4	35.9
4	STA EQN: 258+59.30 (BK) = STA 0+00.00 (AH)																
	RT STA 0+72.00	PE	2.25	HMA	0.0	30.4	42.3	0.0	6.0	6.0	24.2	1.4	0.0	0.0	0.01	24.2	0.0
	LT STA 8+10.00	PE	2.25	HMA	0.0	56.2	83.2	0.0	6.0	6.0	46.5	2.6	0.0	0.0	0.02	46.5	0.0
	RT STA 9+00.00	249TH AVE.	2.25	HMA	0.0	16.3	55.2	0.0	CADD	40.4	110.5	6.2	0.0	0.0	0.04	110.5	13.6
	RT STA 23+91.60	250th AVE.	2.25	HMA	0.0	40.7	52.7	0.0	8.0	8.0	41.5	2.3	0.0	0.0	0.02	41.5	33.9
	LT STA 27+64.01	251ST AVE.	2.25	HMA	0.0	44.0	82.0	0.0	CADD	10.0	55.4	3.1	0.0	0.0	0.02	55.4	36.7
	LT STA 37+07.00	PE	2.25	HMA	24.6	28.6	40.3	0.0	6.0	15.0	23.0	1.3	0.0	26.6	0.01	23.0	0.0
	LT STA 48+45.00	PE	2.25	HMA	56.2	83.2	95.2	0.0	6.0	15.0	59.5	3.3	0.0	69.7	0.02	59.5	0.0
	LT STA 64+30.00	PE	2.25	HMA	0.0	61.2	80.7	0.0	6.0	8.0	47.3	2.6	0.0	6.8	0.02	47.3	0.0
	RT STA 64+30.00	3450 E. (445TH ST.)	2.25	HMA	0.0	51.5	71.3	0.0	6.0	6.0	40.9	2.3	0.0	0.0	0.02	40.9	42.9
	LT STA 79+81.00	PE	2.25	HMA	16.0	30.0	81.9	23.0	6.0	7.0	45.0	2.5	0.0	2.6	0.02	45.0	0.0
	LT STA 81+03.00	PE	2.25	HMA	37.3	43.9	56.9	0.0	6.5	13.5	36.4	2.0	0.0	31.6	0.01	36.4	0.0
	LT STA 82+02.00	PE	2.25	HMA	57.0	63.0	75.1	0.0	6.5	13.5	49.9	2.8	0.0	46.7	0.02	49.9	0.0
	LT STA 88+87.00	1510 N. (251ST AVE.)	2.25	HMA	0.0	121.3	165.7	0.0	10.0	10.0	159.4	8.9	0.0	0.0	0.06	159.4	101.1
	RT STA 88+87.00	PE	2.25	HMA	0.0	14.0	44.1	0.0	CADD	21.9	62.4	3.5	0.0	0.0	0.02	62.4	0.0
	RT STA 90+62.00	PE	2.25	HMA	0.0	22.0	38.0	0.0	8.0	8.0	26.7	1.5	0.0	0.0	0.01	26.7	0.0
	RT STA 91+61.00	PE	2.25	HMA	0.0	17.1	33.1	0.0	8.0	8.0	22.3	1.2	0.0	0.0	0.01	22.3	0.0
5	STA EQN: 92+00.00 (BK) = STA 357+93.02 (AH)																
	RT STA 358+05.00	PE	2.25	HMA	0.0	16.3	32.1	0.0	8.0	8.0	21.5	1.2	0.0	0.0	0.01	21.5	0.0
	LT STA 358+34.00	CE	2.25	HMA	0.0	45.0	61.0	0.0	8.0	8.0	47.1	2.6	0.0	0.0	0.02	47.1	0.0
	RT STA 359+07.00	PE	2.25	HMA	0.0	17.1	33.0	0.0	8.0	8.0	22.3	1.2	0.0	0.0	0.01	22.3	0.0
	LT STA 359+98.00	CE	2.25	HMA	0.0	45.0	61.0	0.0	8.0	8.0	47.1	2.6	0.0	0.0	0.02	47.1	0.0
	RT STA 360+22.00	CE	2.25	HMA	0.0	44.4	60.4	0.0	8.0	15.0	46.6	2.6	0.0	17.3	0.02	46.6	0.0
	LT STA 360+91.00	CE	2.25	HMA	0.0	45.0	61.0	0.0	8.0	8.0	47.1	2.6	0.0	0.0	0.02	47.1	0.0
	RT STA 361+80.00	PE	2.25	HMA	0.0	23.5	39.5	0.0	8.0	8.0	28.0	1.6	0.0	0.0	0.01	28.0	0.0
	LT STA 362+53.00	ASH ST.	2.25	HMA	0.0	40.9	55.4	0.0	CADD	8.0	54.4	3.0	0.0	0.0	0.02	54.4	34.1
	RT STA 362+53.00	ASH ST.	2.25	HMA	0.0	23.6	36.5	0.0	CADD	8.0	54.4	3.0	0.0	0.0	0.02	54.4	19.7
	LT STA 364+95.00	CE	2.25	HMA	0.0	88.9	107.0	0.0	CADD	8.0	91.7	5.1	0.0	0.0	0.03	91.7	0.0
	LT STA 365+40.00	ELM ST.	2.25	HMA	0.0												
	RT STA 365+40.00	ELM ST.	2.25	HMA	0.0	17.3	24.2	0.0	8.0	8.0	18.4	1.0	0.0	0.0	0.01	18.4	14.4
	RT STA 366+35.00	PE	2.25	HMA	0.0	17.0	33.0	0.0	8.0	8.0	22.2	1.2	0.0	0.0	0.01	22.2	0.0
	LT STA 368+40.00	GREEN ST.	2.25	HMA	0.0	30.0	46.2	0.0	CADD	8.0	42.7	2.4	0.0	0.0	0.02	42.7	25.0
	RT STA 368+40.00	GREEN ST.	2.25	HMA	0.0	16.9	29.2	0.0	CADD	29.1	63.9	3.6	0.0	0.0	0.02	63.9	14.1
	RT STA 373+47.00	CE	2.25	HMA	0.0	30.3	46.4	0.0	8.0	16.0	34.1	1.9	0.0	13.5	0.01	34.1	0.0
	LT STA 377+00.00	PE	2.25	HMA	12.9	27.0	39.0	0.0	6.0	13.0	22.0	1.2	0.0	15.5	0.01	22.0	0.0
	LT STA 378+53.00	FE	2.25	AGG	9.0	13.0	25.0	0.0	6.0	13.0	12.7	0.7	12.7	8.1	0.00	12.7	0.0
	LT STA 391+71.00	MB TURNOUT	2.25	HMA	0.0	49.6	72.0	0.0	6.4	6.4	43.2	2.4	0.0	0.0	0.02	43.2	0.0
	RT STA 391+85.00	PE	2.25	HMA	18.2	32.2	44.2	0.0	6.0	13.0	25.5	1.4	0.0	19.6	0.01	25.5	0.0
	LT STA 406+35.00	FE	2.25	HMA	0.0	24.0	38.0	0.0	6.0	6.0	20.7	1.2	0.0	0.0	0.01	20.7	0.0
	LT STA 418+81.00	PE	2.25	HMA	14.0	28.0	76.5	20.0	6.0	13.0	41.5	2.3	0.0	16.3	0.02	41.5	0.0
	LT STA 432+58.00	PE	2.25	HMA	22.0	36.0	48.0	0.0	6.0	13.0	28.0	1.6	0.0	22.6	0.01	28.0	0.0
	RT STA 437+77.95	3774 E. (468TH LN.)	2.25	HMA	0.0	17.1	36.1	0.0	10.0	10.0	29.6	1.7	0.0	0.0	0.01	29.6	14.3
	RT STA 451+79.48	1500 N. (258TH AVE.)	2.25	HMA	0.0	54.2	73.4	0.0	10.0	10.0	70.9	4.0	0.0	0.0	0.03	70.9	45.2
6	STA EQN: 459+49.01 (BK) = STA 460+20.60 (AH)																
	RT STA 466+30.00	PE	2.25	HMA	14.3	27.9	39.5	0.0	6.0	13.0	22.5	1.3	0.0	16.4	0.01	22.5	0.0
7	STA EQN: 470+81.02 (BK) = STA 0+00.00 (AH)																
	LT STA 8+75.00	3849 E. (OLD US 36)	2.25	HMA	0.0	38.4	57.5	0.0	10.0	10.0	53.3	3.0	0.0	0.0	0.02	53.3	32.0
	RT STA 15+52.00	3850 E. (475TH ST.)	2.25	HMA	0.0	65.1	84.3	0.0	10.0	10.0	83.0	4.6	0.0	0.0	0.03	83.0	54.3
	LT STA 15+52.00	3851 E. (475TH ST.)	2.25	HMA	0.0	69.7	88.9	0.0	10.0	10.0	88.1	4.9	0.0	0.0	0.03	88.1	58.1
	RT STA 23+12.00	PE	2.25	HMA	15.7	27.0	39.0	0.0	6.0	13.0	22.0	1.2	0.0	16.6	0.01	22.0	0.0
	LT STA 72+20.00	OLD US 36	2.25	HMA	0.0	50.7	63.6	0.0	10.0	10.0	63.5	3.6	0.0	0.0	0.02	63.5	42.3
	RT STA 90+75.00	SECOND ST.	2.25	HMA	0.0	23.0	184.5	0.0	CADD	88.6	445.4	24.9	0.0	0.0	0.17	445.4	19.2
	LT STA 90+75.00	SECOND ST.	2.25	HMA	0.0	28.0	177.8	0.0	CADD	100.3	652.6	36.5	0.0	0.0	0.25	652.6	23.3
	LT STA 95+55.00	BRIDGE OPERATOR PARKING	2.25	HMA	0.0	130.0	130.0	0.0	15.0	15.0	216.7	12.1	0.0	0.0	0.08	0.0	0.0
		BEGINNING / END OF PROJ.	2.25	HMA													220
	TOTAL:											214.3	12.7	397.0	1.45	3,610.7	971.2

* SEE PREVIOUS SHEET FOR DETAIL OF DIMENSION LOCATIONS

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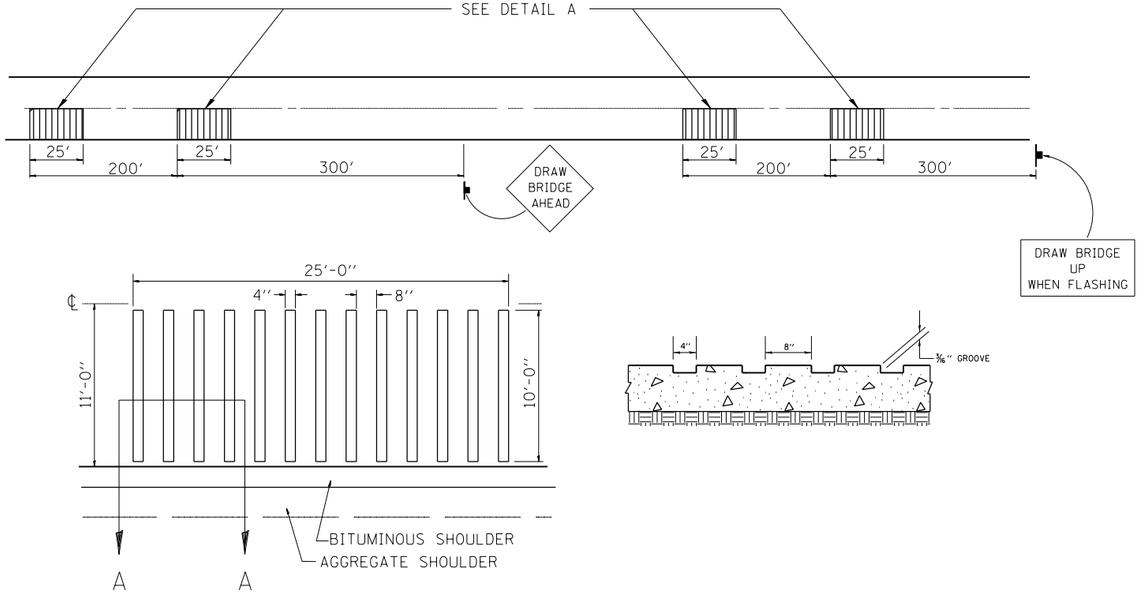
	PLOT DATE = Oct-20-2011 03:28:21PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX TURNOUT & SIDEROADS W/O CONC. GUTTER (3P-PROJ.)

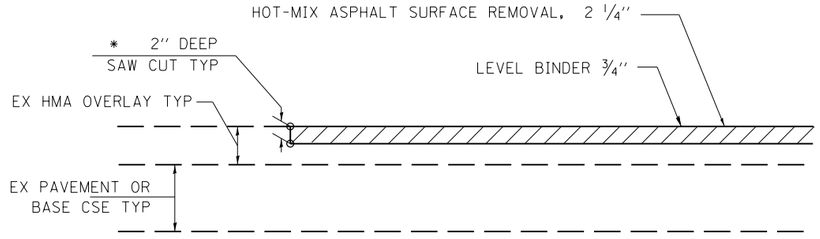
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	35
		CONTRACT NO. 72D78		
	ILLINOIS FED. AID PROJECT			



DETAIL A

SECTION A-A



* SAW CUT IS INCLUDED IN THE COST OF HMA SURFACE REMOVAL 2 ¼" AND IS NOT TO BE PAID SEPARATELY.

BUTT JOINT DETAIL

RUMBLE RESURFACING DETAIL

NOTES:

1. ALL GROOVES SHALL BE CONSTRUCTED USING A 4" (100 mm) MILLING HEAD OR SERIES OF 4" (100 mm) MILLING HEADS CAPABLE OF CUTTING TO THE SPECIFIED DEPTH OR ANY VARIABLE DEPTH.
2. THIS WORK WILL BE MEASURED FOR PAYMENT PER EACH 25' (7.6 m) INDIVIDUAL RUMBLE STRIP APPLIED AND PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR RUMBLE STRIP, WHICH PRICE SHALL INCLUDE ALL EQUIPMENT, MATERIAL, LABOR AND OTHER ITEMS REQUIRED TO INSTALL EACH INDIVIDUAL RUMBLE STRIP.

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		DRAWN - DMS	REVISED -
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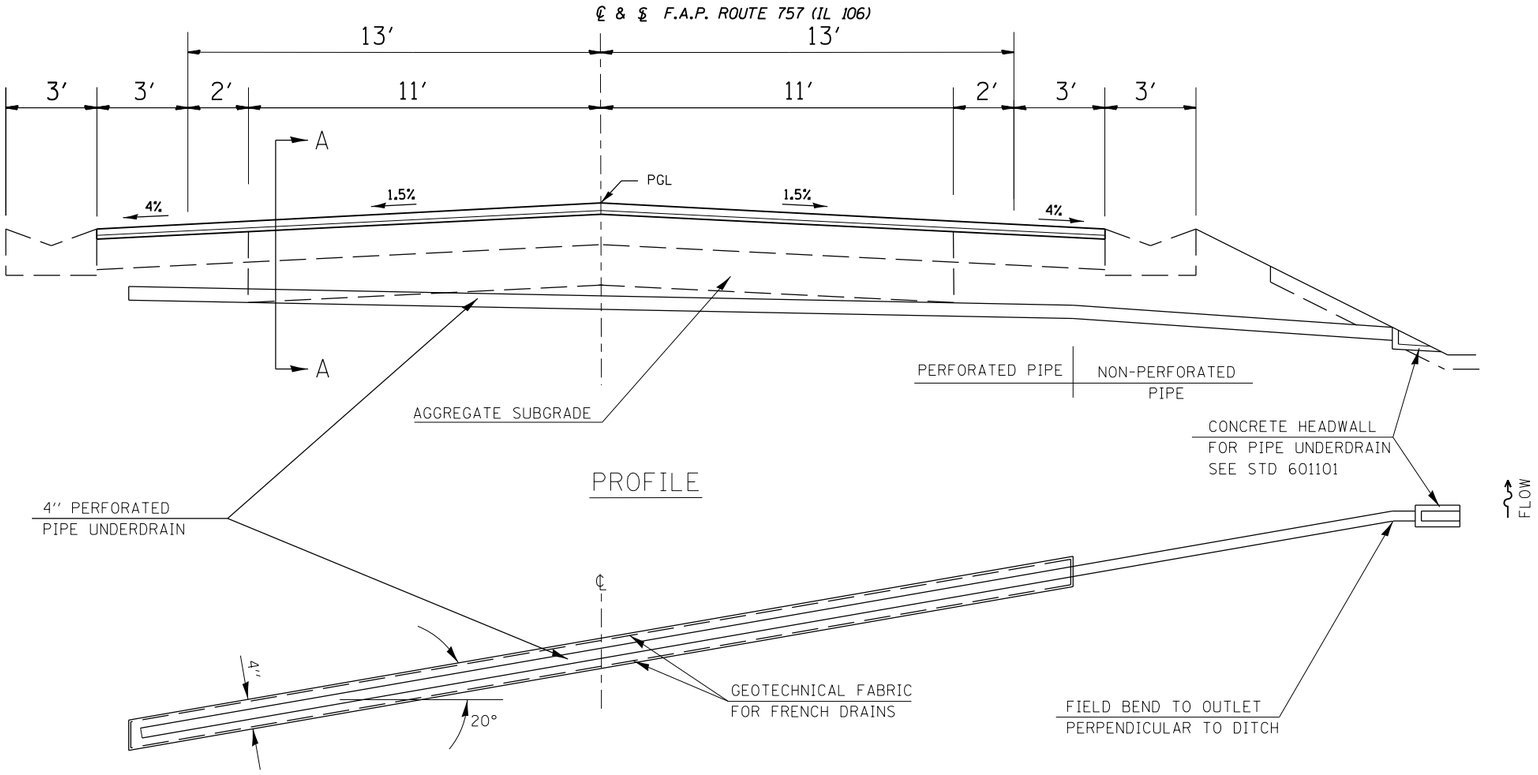
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	36
		CONTRACT NO. 72D78		
	ILLINOIS FED. AID PROJECT			



PLAN

TRANSVERSE DRAIN TANGENT PAVEMENT
STA 19+00 & 20+00

GENERAL NOTES

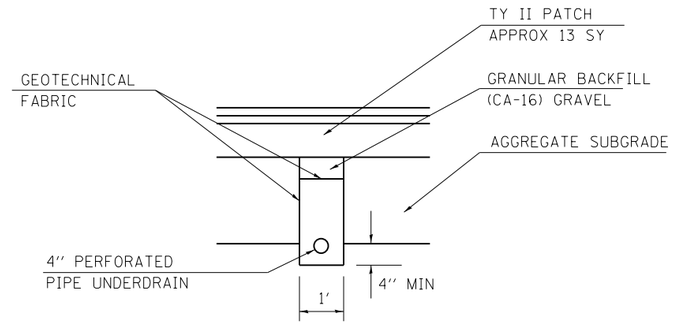
TRANSVERSE DRAIN MATERIALS AND CONSTRUCTION SHALL CONFORM TO SECTION 601 OF THE STANDARD SPECIFICATIONS EXCEPT THAT NO FABRIC ENVELOPE IS REQUIRED ON PERFORATED PIPE. THE GRANULAR BACKFILL SHALL BE GRAVEL AND THE GRADATION SHALL BE CA-16.

GEOTECHNICAL FABRIC SHALL BE NON-WOVEN NEEDLE PUNCHED MATERIAL.

ALL MATERIALS WILL NOT BE MEASURED SEPERATELY, BUT WILL BE INCLUDED IN THE COST PER UNIT FOR TRANSVERSE DRAINS COMPLETE.

SKEW TRANSVERSE DRAIN 20° FORWARD IN DIRECTION OF FLOW.

ASSUMED PAVEMENT PATCH WIDTH IS 4 FEET.



SECTION A-A

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		DRAWN - DMS	REVISED -			757	20RS-7	PIKE	39	37
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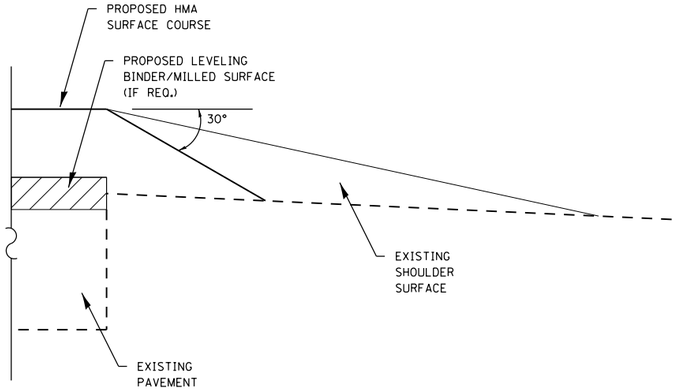
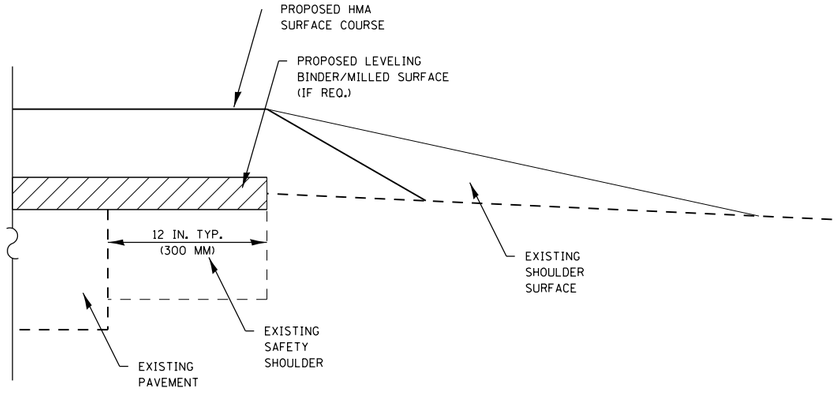


SAFETY EDGE AT EDGE OF EXISTING PAVEMENT



SAFETY EDGE AT EDGE OF EXISTING SAFETY SHOULDER

SAFETY EDGE FOR 3P RESURFACING

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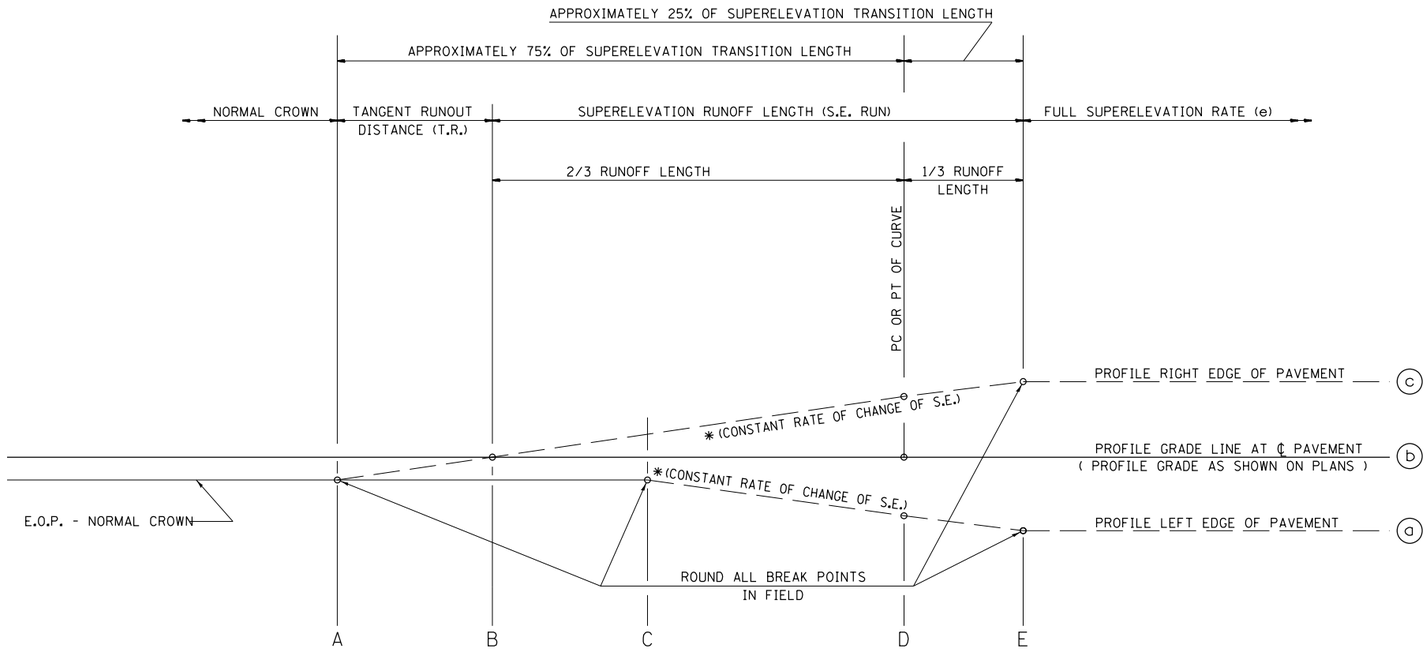
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	38
		CONTRACT NO. 72D78		
	ILLINOIS FED. AID PROJECT			



TYPICAL PROFILE - S.E. TRANSITION

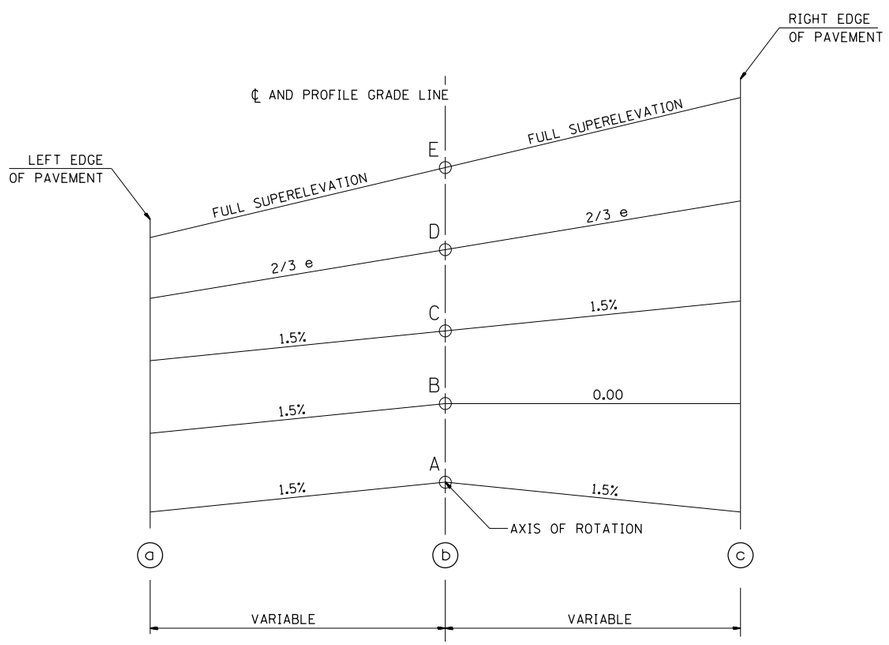


TABLE OF SUPERELEVATION BREAK POINT LOCATIONS

CURVE NO.	e	A	B	C	D	E	TRANSITION
M8	4.7%	181+20	181+55	181+90	182+28	182+65	P.C.
	4.7%	186+40	186+05	185+70	185+31	184+95	P.T.
M9	5.8%	186+25	186+61	186+96	187+51	187+97	P.C.
	5.8%	193+12	192+77	192+42	191+87	191+41	P.T.
M10	3.5%	194+35	194+70	195+05	195+25	195+52	P.C.
	3.5%	204+09	203+50	203+38	203+19	202+91	P.T.
1	4.9%	223+15	223+50	223+85	224+26	224+65	P.C.
	4.9%	238+46	238+11	237+76	237+34	236+96	P.T.
19	N/A						P.C.
	N/A						P.T.
11	5.4%	442+60	442+95	443+30	443+79	444+21	P.C.
	5.4%	460+69	460+33	459+98	459+49	459+07	P.T.
112	2.1%	24+20	24+55	24+90	24+88	25+04	P.C.
	2.1%	54+49	54+14	53+79	53+81	53+65	P.T.
113	2.0%	78+56	78+91	79+26	79+22	79+38	P.C.
	2.0%	87+49	87+14	86+78	86+82	86+67	P.T.

EXIST. CURVE M8	EXIST. CURVE M9	EXIST. CURVE M10
PI STA. = 183+80.54	PI STA. = 189+71.54	PI STA. = 199+30.07
Δ = 14°15'19" LT	Δ = 21°28'11" RT	Δ = 28°35'28" LT
D = 4°42'20"	D = 4°55'55"	D = 3°36'03"
R = 1,217.61'	R = 1,161.75'	R = 1,591.16'
T = 152.26'	T = 220.25'	T = 405.45'
L = 302.94'	L = 435.33'	L = 794.00'
E = 9.48'	E = 20.69'	E = 50.84'
e = 4.7%	e = 5.8%	e = 3.5%
T.R. = 35'	T.R. = 35'	T.R. = 35'
S.E. RUN = 145'	S.E. RUN = 171'	S.E. RUN = 117'
P.C. STA = 182+28.29	P.C. STA = 187+51.29	P.C. STA = 195+24.62
P.T. STA = 185+31.23	P.T. STA = 191+86.62	P.T. STA = 203+18.62

EXIST. CURVE 1	EXIST. CURVE 19	EXIST. CURVE 11
PI STA. = 230+98.74	PI STA. = 424+62.49	PI STA. = 451+96.20
Δ = 32°38'19" RT	Δ = 2°22'07" LT	Δ = 39°90'34" LT
D = 2°29'43"	D = 1°00'55"	D = 2°29'41"
R = 2,296.14'	R = 5,643.56'	R = 2,296.72'
T = 672.28	T = 116.67'	T = 816.91'
L = 1,308.00'	L = 233.30'	L = 1,569.72'
E = 96.39'	E = 1.21'	E = 140.96'
e = 4.9%	e = NORMAL CROWN	e = 5.4%
T.R. = 37'	T.R. = NORMAL CROWN	T.R. = 35'
S.E. RUN = 120'	S.E. RUN = NORMAL CROWN	S.E. RUN = 162'
P.C. STA = 224+26.46	P.C. STA = 423+45.83	P.C. STA = 443+79.29
P.T. STA = 237+34.46	P.T. STA = 425+79.13	P.T. STA = 459+49.01

FILE NAME = c:\pw_work\pwidot\sparksgw\d0222140\D672D78-sht-SE-details.dgn	USER NAME = sparksgw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
SUPER.DGN	PLOT DATE = Oct-20-2011 03:28:45PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION TRANSITION
DETAIL FOR TWO LANE HIGHWAY

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	20RS-7	PIKE	39	39
		CONTRACT NO. 72D78		
		ILLINOIS FED. AID PROJECT		