

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	.	MORGAN	137	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
128RS-3, 139RS-3				

GENERAL NOTES

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS IMPROVEMENT.

EXISTING CONCRETE SIGN BASES AND OTHER MISCELLANEOUS CONCRETE NOT SPECIFICALLY SHOWN ON THE PLANS INTERFERING WITH PROPOSED CONSTRUCTION SHALL BE REMOVED. COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

TRAFFIC CONTROL SIGNS REMOVED MUST BE RESET AT THEIR PERMANENT LOCATIONS IN A WORKMANLIKE MANNER AND VISIBLE TO TRAFFIC ON THE ROADWAY. THESE SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH THE 'MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS', LATEST EDITION. THE COST OF SUCH WORK SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING SUBGRADE AND BASE DENSITY FOR THE PROPOSED ROADWAYS.

THE REMOVAL OF EXISTING OIL & CHIP OR GRAVEL SURFACE AND GRAVEL OR CRUSHED STONE BASE COURSE WHICH MAY BE NECESSARY FOR THE CONSTRUCTION OF NEW PAVEMENT SHALL BE REMOVED AS EARTH EXCAVATION AND NO COMPENSATION WILL BE ALLOWED FOR ADDITIONAL LABOR OR EQUIPMENT REQUIRED.

ALL WASTE, UNDESIRABLE MATERIAL OR ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH THE CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF RIGHT-OF-WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATION AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT BID PRICE FOR EARTH EXCAVATION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

WHEN DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTER OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWER.

ALL EXISTING PRIVATELY OWNED UTILITIES REQUIRING ADJUSTMENT WILL BE MADE BY THE UTILITY COMPANY INVOLVED, WHERE NO PROVISIONS HAVE BEEN MADE FOR ADJUSTMENTS ON THE PLANS, NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO DELAYS OR INCONVENIENCES CAUSED BY THE SAID UTILITY ADJUSTMENTS.

THE PROFILE GRADE ELEVATIONS SHOWN ON THE PLAN AND PROFILE SHEETS AND IN THE STATION CROSS SECTIONS ARE TO THE TOP OF THE FINISHED SURFACE.

ALL EXISTING DRAINAGE STRUCTURES AND EXISTING PAVEMENT NOT BEING REMOVED BY THE CONTRACTOR THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED OR REPAIRED AT THE CONTRACTOR'S EXPENSE.

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

THE CONTRACTOR MAY BE REQUIRED TO CONDUCT SOME OF HIS GRADING AND TRENCHING OPERATIONS AROUND TRANSMISSION POLES AND UNDER TRANSMISSION LINES, THE ADDED COST OF SO DOING SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE PROPERTY MARKERS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT, HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

ALL ELEVATIONS SHOWN REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.

WHEREVER IN THESE PLANS REFERENCE IS MADE TO THE "STANDARD SPECIFICATIONS", IT IS UNDERSTOOD TO INCLUDE THE "SUPPLEMENTAL SPECIFICATIONS" INCLUDED IN THE PROPOSAL.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO THE LUMP SUM PAY ITEMS.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.

THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT IS PLACED.

PROVIDE INLET & PIPE PROTECTION (STD 280001) AT EACH MANHOLE, INLET AND PRC FLARED END SECTION (INDIVIDUAL LOCATIONS).

BEFORE ORDERING STORM SEWER, CATCH BASINS, PIPE CULVERTS, AND MANHOLES, THE CONTRACTOR SHALL CONTACT THE ENGINEER AS TO THE EXACT LENGTH AND QUANTITY REQUIRED.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE(S):	HMA BINDER CSE	HMA SURFACE CSE	INCIDENTAL HMA SURFACE	HMA SHOULDER	HMA BASE COURSE
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 58-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N50	2.0% @ N30	4.0% @ N50
MIX COMP	IL-9.5	IL-9.5 OR 12.5	IL-9.5 OR 12.5	BAM	IL-19.0
FRICTION AGG	NA	MIX C	MIX C	NA	NA

ON ALL STRUCTURES WITH TYPE B GRATES AND FLAT SLAB TOP, A MINIMUM 6" TALL 24" DIAMETER RISER SHALL BE INSTALLED ABOVE THE FLAT SLAB TOP.

THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS REPRESENTS THE BEST KNOWLEDGE OF THE DEPARTMENT AND THE INDICATED ADJUSTMENTS OR RECONSTRUCTION ARE CONSIDERED TO BE REASONABLY ACCURATE. THE GOVERNMENTAL AGENCY ASSUMES NO RESPONSIBILITY WHATSOEVER IN RESPECT TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS OF UNDERGROUND INSTALLATIONS BEFORE STARTING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL ALSO OBTAIN FROM THE GOVERNMENTAL AGENCY OR UTILITY COMPANY RESPONSIBLE FOR THE RESPECTIVE INSTALLATIONS, DETAILED INFORMATION CONCERNING THE LOCATIONS OF THE INSTALLATIONS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED THE CONTRACTOR DUE TO ANY DELAYS OR INCONVENIENCE RESULTING FROM THESE REQUIREMENTS, NOR ON ACCOUNT OF ANY SPECIAL CONSTRUCTION METHODS REQUIRED IN PROSECUTING THE CONTRACTOR'S WORK. THE CONTRACTOR SHALL INDEMNIFY THE CITY, ITS OFFICERS, AND EMPLOYEES AGAINST ALL CLAIMS DUE TO DAMAGE TO CORPORATE OR PRIVATE PROPERTY RESULTING FROM HIS CONSTRUCTION OPERATIONS AS DESCRIBED IN ARTICLE 107.20 AND 107.26 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR MUST CALL J.U.L.I.E. AT 1-800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRICAL, TELEPHONE, GAS FACILITIES, AND ALL PUBLIC UTILITIES. A 48 HOUR NOTIFICATION IS REQUIRED.

KNOWN UTILITIES LOCATED WITHIN THE LIMITS OF THIS IMPROVEMENT ARE:
 VERIZON AMEREN IP (GAS & ELECTRIC)
 MEDIACOM CITY OF WAVERLY
 CEBRIDGE CONNECTIONS

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING QUANTITIES:

AGGREGATE (SHOULDERS OR BASE)	2.05 TON/CUBIC YARD
STONE DUMPED RIPRAP	1.75 TON/CUBIC YARD
BITUMINOUS MATERIALS (PRIME COAT)	0.00038 TON/SQUARE YARD (ON PAVEMENT)
BITUMINOUS MATERIALS (PRIME COAT)	0.001425 TON/SQUARE YARD (ON AGGREGATE)
AGGREGATE (PRIME COAT)	0.002 TON/SQUARE YARD
HOT-MIX ASPHALT SURFACE/LEVELING BINDER (112 LBS)	0.056 TON/SQUARE YARD*INCH
NITROGEN FERTILIZER NUTRIENT (SEEDING)	90 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENT (SEEDING)	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT (SEEDING)	90 LBS/ACRE
AGRICULTURAL GROUND LIMESTONE	2 TON/ACRE
NITROGEN FERTILIZER NUTRIENT (SODDING)	60 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENT (SODDING)	60 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT (SODDING)	60 LBS/ACRE
MULCH	2 TON/ACRE

COMMITMENTS

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

STORM WATER POLLUTION PREVENTION PLAN REQUIRED FOR NPDES PERMIT FROM EPA.

LETTER OF UNDERSTANDING WITH CITY OF WAVERLY.

HIGHWAY STANDARDS

- 000001-05
- 001001-02
- 001006
- 280001-04
- 424001-05
- 442201-03
- 542301-02
- 542401-01
- 602301-02
- 602306-02
- 602401-02
- 602406-03
- 602411-01
- 602416-01
- 602601-02
- 602701-02
- 604001-03
- 604006-04
- 604011-04
- 604036-02
- 604041-02
- 606001-04
- 630301-05
- 635006-03
- 635011-02
- 701001-02
- 701006-03
- 701011-02
- 701201-03
- 701301-03
- 701306-02
- 701311-03
- 701326-03
- 701336-05
- 701501-05
- 701801-04
- 701901-01
- 780001-02
- 781001-03
- BLR 21-8

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LEGEND

TBR	TO BE REMOVED
TOG = 662.17	TOP OF GRATE ELEVATION AT FLOW LINE
L=637.98	LID ELEVATION
WMR	WATER MAIN REQUIREMENTS
	PAVEMENT PATCHING, 11 INCH
	TRENCH BACKFILL, CU YDS
	CONTROLLED LOW STRENGTH MATERIAL, CU YDS
	BITUMINOUS REMOVAL
	CONCRETE REMOVAL
	CONCRETE CURB & GUTTER REMOVAL
	AGGREGATE SURFACE COURSE, TYPE B, PATCHING
	HEAVY DUTY EXCELSIOR BLANKET

DISTRICT SIX

EXAMINED August 22 2007
James J. Neas
 OPERATIONS ENGINEER

EXAMINED Sept 10 2007
W.P.R.
 PROGRAM IMPLEMENTATION ENGINEER

EXAMINED Jan 14 2009
W.P.R.
 PROGRAM DEVELOPMENT ENGINEER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 GENERAL NOTES, HIGHWAY STANDARDS, COMMITMENTS, INDEX OF SHEETS AND LEGEND

DATE: NOVEMBER 2, 2007
 DRAWN BY TJD
 CHECKED BY AWM

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 PLOT SCALE = 42.5000 / IN.
 USER NAME = jordan

SUMMARY OF QUANTITIES

100% FED

CONTRACT NO. 72923				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 128RS-3, 139RS-3				

CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY FAU ROUTE 753 STA 40+44.59 TO STA 151+50.21 1000-2A
X0326314	HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT, 8"	SQ YD	100	100
X0326315	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1	1
X0326315	MANHOLES, TYPE A, SPECIAL, 8'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	2	2
X0322033	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	343	343
X0322035	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	355	355
X0322089	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	936	936
X0322125	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	487	487
X0322127	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	FOOT	207	207
X0324752	STORM SEWER TO BE FILLED	CU YD	2	2
X0545000	BOX CULVERT REMOVAL	FOOT	12	12
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
20200100	EARTH EXCAVATION	CU YD	162	162
20200700	EXCAVATING AND GRADING EXISTING SHOULDER, SPECIAL	UNIT	26	26
20400800	FURNISHED EXCAVATION	CU YD	69	69
20800150	TRENCH BACKFILL	CU YD	859	859
25000200	SEEDING, CLASS 2	ACRE	0.25	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	45	45
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	45	45
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	45	45
25000700	AGRICULTURAL GROUND LIMESTONE	TON	1.5	1.5
25100115	MULCH, METHOD 2	ACRE	0.25	0.25
25101005	HEAVY DUTY EXCELSIOR BLANKET	SQ YD	160	160
25200100	SODDING	SQ YD	3,042	3,042
25200200	SUPPLEMENTAL WATERING	UNIT	46	46
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	500	500
28000310	AGGREGATE DITCH CHECKS	EACH	5	5

* SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

IL ROUTE 104
SUMMARY OF QUANTITIES

DATE NOVEMBER 2, 2007
DRAWN BY TJD
CHECKED BY AWB

PLOT DATE : Jan-23-2009 02:04:07PM
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USER : JTD

SUMMARY OF QUANTITIES

100% FED

CONTRACT NO. 72923

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 128RS-3, 139RS-3				

ROADWAY
FAU ROUTE 753
STA 40+44.59 TO
STA 151+50.21
I000-2A

CODE NO	ITEM	UNIT	TOTAL QUANTITY	
28000400	PERIMETER EROSION BARRIER	FOOT	200	200
28000500	INLET AND PIPE PROTECTION	EACH	20	20
28100201	STONE RIPRAP, CLASS A1	TON	2	2
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	20	20
28200200	FILTER FABRIC	SQ YD	34	34
31101000	SUB-BASE GRANULAR MATERIAL, TYPE B	TON	200	200
35501332	HOT-MIX ASPHALT BASE COURSE, 12"	SQ YD	468	468
35800100	PREPARATION OF BASE	SQ YD	3,717	3,717
35800200	AGGREGATE BASE REPAIR	TON	105	105
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	64	64
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	350	350
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	27	27
40600300	AGGREGATE (PRIME COAT)	TON	126	126
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	1,351	1,351
40600895	CONSTRUCTING TEST STRIP	EACH	1	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	870	870
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	132	132
40600990	TEMPORARY RAMP	SQ YD	1,324	1,324
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	2,682	2,682
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	1,499	1,499
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	251	251
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	441	441
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	4,906.0	4,906.0
42400800	DETECTABLE WARNINGS	SQ FT	219	219
44000100	PAVEMENT REMOVAL	SQ YD	98	98
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	504	504

• SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

IL ROUTE 104
SUMMARY OF QUANTITIES

DATE NOVEMBER 2, 2007
DRAWN BY T.J.D.
CHECKED BY A.W.M.

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 USER NAME = joughlani

SUMMARY OF QUANTITIES

100% FED

CONTRACT NO. 72923				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* 128RS-3, 139RS-3				

CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY FAU ROUTE 753 STA 40+44.59 TO STA 151+50.21 I000-2A
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	37,250	37,250
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	645	645
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	179	179
44000600	SIDEWALK REMOVAL	SQ FT	3,025	3,025
44004250	PAVED SHOULDER REMOVAL	SQ YD	1,794	1,794
44200132	PAVEMENT PATCHING, TYPE II, 11 INCH	SQ YD	728	728
44200136	PAVEMENT PATCHING, TYPE III, 11 INCH	SQ YD	238	238
44200138	PAVEMENT PATCHING, TYPE IV, 11 INCH	SQ YD	413	413
48101200	AGGREGATE SHOULDERS, TYPE B	TON	975	975
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	2,630	2,630
48203100	HOT-MIX ASPHALT SHOULDERS	TON	1,014	1,014
48301000	PROTECTIVE COAT	SQ YD	2,014	2,014
50104400	CONCRETE HEADWALL REMOVAL	EACH	1	1
50105220	PIPE CULVERT REMOVAL	FOOT	908	908
54200640	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 15"	FOOT	78	78
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	1	1
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	215	215
55100900	STORM SEWER REMOVAL 18"	FOOT	24	24
56106300	ADJUSTING WATER MAIN 6"	FOOT	40	40
56109300	WATER VALVES TO BE MOVED	EACH	1	1
56500300	DOMESTIC METER VAULTS TO BE ADJUSTED	EACH	4	4
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	2	2
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	1,606	1,606

• SPECIALTY ITEM

PLT DATE = Jan-16-2008 09:46:00AM
 PLT USER = SALES
 USER NAME = saughlin

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

IL RTE 104
 SUMMARY OF QUANTITIES

DATE NOVEMBER 2, 2007

DRAWN BY TJD
 CHECKED BY AWB

SUMMARY OF QUANTITIES

100% FED

CONTRACT NO. 72923			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
753	*	MORGAN	137
STA.		TO STA.	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT
* 128RS-3, 139RS-3			

ROADWAY
FAU ROUTE 753
STA 40+44.59 TO
STA 151+50.21
I000-2A

CODE NO	ITEM	UNIT	TOTAL QUANTITY	
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2	2
60221000	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3
60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	6	6
60221800	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 9 FRAME AND GRATE	EACH	8	8
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3
60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	1	1
60224010	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 9 FRAME AND GRATE	EACH	1	1
60224200	MANHOLES, TYPE A, SPECIAL, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1	1
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	5	5
60236600	INLETS, TYPE A, TYPE 9 FRAME AND GRATE	EACH	5	5
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	2	2
60240303	INLETS, TYPE B, TYPE 9 FRAME AND GRATE	EACH	3	3
60255410	CATCH BASINS TO BE CLEANED	EACH	1	1
60255500	MANHOLES TO BE ADJUSTED	EACH	14	14
60260100	INLETS TO BE ADJUSTED	EACH	1	1
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	4	4
60500040	REMOVING MANHOLES	EACH	1	1
60500060	REMOVING INLETS	EACH	2	2
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	5.6	5.6
60601005	CONCRETE CURB, TYPE B (SPECIAL)	FOOT	22	22
60602600	CONCRETE GUTTER, TYPE A (MODIFIED)	FOOT	1,906	1,906
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	709	709

* SPECIALTY ITEM

△ NON-PARTICIPATING (100% STATE)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

IL RTE 104
SUMMARY OF QUANTITIES

DATE NOVEMBER 2, 2007

DRAWN BY TJD
CHECKED BY AWM

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USER: JAW

SUMMARY OF QUANTITIES

100% FED

CONTRACT NO. 72923

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 128RS-3, 139RS-3				

CODE NO	ITEM	UNIT	TOTAL QUANTITY	ROADWAY FAU ROUTE 753 STA 40+44.59 TO STA 151+50.21 I000-2A	SIDEWALK REMOVAL AND REPLACEMENT FAU ROUTE 753 STFY-1B
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	EACH	6	6	
63200310	GUARDRAIL REMOVAL	FOOT	300	300	
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	75	75	
66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1	
66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12	
67100100	MOBILIZATION	L SUM	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1	
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	35	35	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	3,856	3,856	
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	29,686	29,686	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	306	306	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	76	76	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	643	643	
78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	29,686	29,686	
78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	306	306	
78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	76	76	
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	155	155	
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	6	6	
78200410	GUARDRAIL MARKERS, TYPE A	EACH	12	12	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	155	155	

* SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 IL RTE 104
 SUMMARY OF QUANTITIES
 DRAWN BY TJD
 DATE NOVEMBER 2, 2007
 CHECKED BY AWM

PLOT DATE = Jan-15-2009 09:46:54 AM
 FILE NAME = S:\CADD\72923\0965794\08578A\CADD\Sheet\08578A.dwg
 USER = TJD
 USER NAME = TJD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* 128RS-3, 139RS-3				

EARTHWORK SCHEDULE

SHEET	STATION TO STATION	EARTHWORK						
		EARTHWORK			EXCESS (BORROW)	FURNISHED EXCAVATION	EARTH EXCAVATION	
		CUT	FILL	FILL x 1.33				
CU YD								
FAU ROUTE 753 (IL RTE 104)								
	93+00.0	96+41.0	13.6	11.8	15.8	(2.2)	1.6	13.6
	100+00.0	106+00.0	28.8	39.4	52.6	(23.8)	17.8	28.8
	106+00.0	112+00.0	5.9	102.2	136.3	(130.4)	97.8	5.9
	112+00.0	118+00.0	80.6	18.9	25.2	55.4	(41.6)	80.6
	118+00.0	118+87.3	8.3	1.4	1.9	6.4	(4.9)	8.3
MORGAN STREET								
	7+02.52	9+50.0	9.6	12.2	16.3	(6.7)	5.0	9.6
IL 111/MILLER STREET								
	8+68.72	10+53.1	14.3	3.6	4.8	9.5	(7.2)	14.3
PROJECT TOTAL								
			161.1	189.5	252.9	(91.8)	68.5	161.1
USE								
			162	190	253	(92)	69	162

A SHRINKAGE FACTOR OF 25% WAS USED TO DETERMINE THE EXCESS AND BORROW QUANTITIES.
SWELL FACTOR = 1.00/0.75 = 1.33.

COLUMN 3 = COLUMN 2 x 1.33 (SWELL FACTOR)
COLUMN 4 = COLUMN 1 - COLUMN 3
COLUMN 5 = COLUMN 2 - COLUMN 1 x 0.75
COLUMN 6 = COLUMN 1

EARTH EXCAVATION = COLUMN 6
(PAY ITEM QUANTITY) = 162 CU YD

FURNISHED EXCAVATION = COLUMN 5
(PAY ITEM QUANTITY) = 69 CU YD

EXCAVATING & GRADING EXISTING SHOULDER, SPECIAL

STATION TO STATION	SIDE	EXCAVATING & GRADING EXISTING SHOULDER, SPECIAL	UNIT
FAU 753 (IL 104)			
111+04.3	112+17.92	RT	1
112+17.92	124+50.00	RT	12
112+10.50	124+50.00	LT	13
PROJECT TOTAL			26

HEAVY DUTY EXCELSIOR BLANKET

STATION TO STATION	SIDE	WIDTH	HEAVY DUTY EXCELSIOR BLANKET
		FT	SQ YD
FAU 753 (IL 104)			
MORGAN STREET			
7+60	8+50	LT	12
9+06	9+36	LT	40
PROJECT TOTAL			160

RIPRAP QUANTITIES

STATION TO STATION	SIDE	WIDTH	STONE RIPRAP, CLASS A4	FILTER FABRIC
		FT	TON	SQ YD
MORGAN STREET				
6+94.9	7+15.0	LT	18.3	34
PROJECT TOTAL			20	34

ESTIMATED QUANTITIES

ITEMS	UNIT	TOTAL
THIS ITEM TO BE USED TO FILL THE SUBGRADE IN THE AREAS OF SHOULDER REPLACEMENT.		
SUB-BASE GRANULAR MATERIAL, TYPE B	TON	200
THIS ITEM TO BE USED TO PROVIDE TEMPORARY ACCESS TO ENTRANCES.		
AGGREGATE FOR TEMPORARY ACCESS	TON	350
THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR ADJUSTING WATER MAIN AND WATER SERVICE ITEMS.		
ADJUSTING WATER MAIN 6"	FOOT	40
DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	2
THE FOLLOWING ITEMS INCLUDE ESTIMATED QUANTITIES FOR HANDLING TEMPORARY EROSION CONTROL.		
TEMPORARY EROSION CONTROL SEEDING	POUND	500
AGGREGATE DITCH CHECKS	EACH	5
PERIMETER EROSION BARRIER	FOOT	200
INLET & PIPE PROTECTION	EACH	20

LANDSCAPING SCHEDULE

STATION TO STATION	SIDE	SEEDING, CLASS 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH, METHOD 2	SODDING	SUPPLEMENTAL WATERING (5 APPLICATIONS)						
										ACRE	POUND	TON	ACRE	SQ YD	UNIT
										FAU ROUTE 753 (IL RTE 104)					
75+29.0	100+36.05	LT & RT	3.5	3.5	3.5	0.12		280.5	4.2						
100+36.05	110+44.0	LT	10.6	10.6	10.6	0.35		858.3	12.9						
100+36.05	110+44.0	RT	10.0	10.0	10.0	0.33		810.0	12.2						
110+44.0	112+10.5	LT	1.3	1.3	1.3	0.04		101.7	1.5						
110+44.0	112+10.5	RT	1.5	1.5	1.5	0.05		119.9	1.8						
111+94.0	127+59.0	RT	0.3	0.3	0.3	0.01		26.2	0.4						
112+10.5	114+23.6	LT	2.2	2.2	2.2	0.07		174.9	2.6						
114+75.3	118+82.4	LT	7.2	7.2	7.2	0.24		580.8	8.7						
119+00.0	120+68.0	LT	0.0	0.0	0.0	0.00		1.3	0.1						
IL RTE 111															
8+67.8	9+60.1	LT	1.1	1.1	1.1	0.04		88.1	1.3						
MORGAN STREET															
6+90.0	9+60.0	LT	0.07	6.3	6.3	0.14	0.07								
9+51.1	9+60.0	RT	0.01	0.9	0.9	0.02	0.01								
PROJECT TOTALS															
			0.08	44.9	44.9	1.42	0.08	3,041.7	45.7						
USE															
			0.25	45	45	1.5	0.25	3,042	46						

HOT-MIX ASPHALT PAVING SCHEDULE

STATION TO STATION	SIDE	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	LEVELING BINDER (MACHINE METHOD), N50	HOT-MIX ASPHALT SHOULDERS, 8"	HOT-MIX ASPHALT SHOULDERS	AGGREGATE SHOULDERS, TYPE B	1st APPLICATION BITUMINOUS MATERIALS (PRIME COAT)	2nd APPLICATION BITUMINOUS MATERIALS (PRIME COAT)	1st APPLICATION AGGREGATE (PRIME COAT)	2nd APPLICATION AGGREGATE (PRIME COAT)	
											TON
FAU ROUTE 753 (IL RTE 104)											
40+44.59	100+36.05	RT	1,369.7	683.8	55.0	485.7	286.6	9.05	6.13	32.0	32.0
40+44.59	100+36.05	LT				527.5	300.3				
100+36.05	110+44.00	RT	227.0	139.0	843.7			1.06	1.03	5.4	5.4
100+36.05	110+44.00	LT			778.3						
110+44.00	112+10.50	RT	40.6	49.6	94.4			0.19	0.18	1.0	1.0
110+44.00	112+10.50	LT			94.8						
112+10.50	151+05.21	RT	963.4	478.3	391.2	186.7	4.34	4.39	23.1	22.8	
112+10.50	151+05.21	LT			371.7	200.8					
IL RTE 111											
			64.2					0.39	2.1		
MILLER ST											
			16.5					0.15	0.8		
PROJECT TOTAL											
			2,681.4	1,350.7	2,629.1	1,013.2	974.4	14.64	12.27	64.4	61.2
USE											
			2,682	1,351	2,630	1,014	975	27.0	126		

SIDEROAD SCHEDULE

STATION TO STATION	SIDE	PREPARATION OF BASE	INCIDENTAL HOT-MIX ASPHALT SURFACING
		SQ YD	TON
FAU 753 (IL 104)			
VANDALIA STREET	LT	280.6	125.7
CURTISS STREET	LT	99.6	44.6
CURTISS STREET	RT	82.6	37.0
GROSS ROAD	RT	368.0	164.8
HARKER STREET	RT	192.6	86.3
GROVE STREET	RT	146.6	65.7
GROVE STREET	LT	148.5	66.6
PEARL STREET	RT	196.4	88.0
PEARL STREET	LT	161.5	72.3
93+00.5	94+54.3	RT	48.1
PROSPECT STREET	RT	159.6	71.5
PROSPECT STREET	LT	149.1	66.8
BROOKS STREET	RT	96.7	43.3
BROOKS STREET	LT	140.4	62.9
VICTORIA DRIVE	LT		17.5
SCOTTIE DRIVE	RT	90.2	40.4
MORGAN STREET	LT	250.3	112.1
PERRY ROAD	LT	89.5	40.1
TOTAL		2,652.2	1,253.7
USE		2,653	1,254

NOTE: THESE QUANTITIES ARE IN ADDITION TO THE QUANTITIES IN THE ENTRANCE SCHEDULE.

SURFACE REMOVAL - BUTT JOINT SCHEDULE

STATION	HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT
	SQ YD	SQ YD
FAU ROUTE 753 (IL 104)		
40+44.59	120.0	
114+50.00		131.8
151+50.21	130.0	
SUBTOTAL FROM ENTRANCE SCHEDULE		619.3
TOTAL		869.3
USE		870

SHOULDER REPAIR

ITEM	UNIT	TOTAL
THIS ITEM IS USED TO FILL A HOLE IN THE EARTH SHOULDER AT RT STA 126+00.0		
STONE RIPRAP, CLASS A1	TON	2
PROJECT TOTAL		2

HOT-MIX ASPHALT BASE COURSE, 12"

STATION TO STATION	SIDE	HOT-MIX ASPHALT BASE COURSE, 12"
		SQ YD
FAU ROUTE 753 (IL 104)		
109+87.8	110+24.3	LT
110+19.2	110+76.6	RT
110+63.4	110+91.6	LT
PROJECT TOTAL		467.2
USE		468

TEMPORARY RAMP

LOCATION	SIDE	TEMPORARY RAMP
		SQ YD
FAU ROUTE 753 (IL 104)		
STA 40+44.59	CL	14.4
N CURTISS ST	RT	45.2
S CURTISS ST	LT	57.3
GROSS RD	RT	146.2
HARKER ST	RT	92.7
N GROVE ST	RT	71.8
S GROVE ST	LT	72.9
N PEARL ST	RT	94.2
S PEARL ST	LT	78.4
N PROSPECT ST	RT	77.2
S PROSPECT ST	LT	73.0
N BROOKS ST	RT	55.5
S BROOKS ST	LT	69.3
MILLER ST	RT	59.4
IL RTE 111	LT	120.5
VICTORIA DR	LT	65.9
SCOTTIE DR	RT	52.4
MORGAN ST	LT	63.7
STA 151+50.21	CL	13.3
PROJECT TOTAL		1,323.3
USE		1,324

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

IL ROUTE 104 SCHEDULES OF QUANTITIES

SCALE: VERT. HORIZ. DATE: NOVEMBER 2, 2007

DRAWN BY TJD CHECKED BY AWM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* 128RS-3, 139RS-3				

SIDEWALK QUANTITIES

STATION TO STATION	SIDE	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH		DETECTABLE WARNINGS
		SQ FT		
92+25.3	92+31.6	LT	52.9	8.0
92+27.3	92+32.3	RT	30.0	8.0
92+31.9	92+42.9	RT	50.7	8.0
92+94.5	93+06.6	RT	120.0	16.0
92+99.6	93+04.6	LT	30.0	8.0
94+54.3	96+34.4	RT	720.4	
95+27.8	96+40.6	LT	451.2	8.0
96+34.4	96+41.1	RT	33.5	8.0
96+40.6	96+47.2	LT	33.0	
96+79.2	96+87.3	LT	40.3	8.0
96+80.9	96+88.0	RT	35.3	8.0
96+93.0	96+98.0	LT	30.0	8.0
96+94.4	96+99.4	RT	30.0	8.0
100+04.0	100+11.3	LT	29.2	
100+11.3	100+18.3	LT	35.0	8.0
100+16.1	100+18.1	RT	8.0	
100+18.1	100+24.4	RT	31.5	8.0
100+47.8	100+54.4	LT	33.0	8.0
100+54.4	100+64.7	LT	41.2	
100+64.2	100+69.2	LT	71.5	8.0
100+49.1	100+55.5	RT	32.0	8.0
100+55.5	100+65.6	RT	40.4	
100+65.6	100+70.1	RT	66.5	8.0
103+58.0	104+27.0	RT	276.0	
104+62.5	104+98.5	RT	144.0	
106+85.0	107+35.0	LT	200.0	
107+34.0	107+66.0	RT	128.0	
109+05.1	109+83.3	LT	312.8	
109+83.3	110+18.9	LT	209.5	26.2
109+97.4	110+24.5	RT	281.1	16.0
110+18.9		LT	57.6	
110+65.0	110+83.6	RT	77.5	8.0
110+83.1	110+94.3	LT	56.0	8.0
111+77.0	112+10.5	LT	134.0	
112+10.5	114+22.3	LT	847.2	
114+22.3	114+29.4	LT	35.5	8.0
114+72.5	114+79.7	LT	36.0	8.0
114+79.7	114+96.0	LT	65.2	
TOTAL			4,906.0	218.2
USE			4,906.0	219

DRIVEWAY PAVEMENT REMOVAL

LOCATION	SIDE	DRIVEWAY PAVEMENT REMOVAL
		SQ YD
FAU ROUTE 753 (IL 104)		
STA 92+92.0 TO STA 94+66.5	RT	139.2
ENTRANCE AT STA 95+47.0	LT	87.2
ENTRANCE AT STA 96+04.0	LT	89.9
STA 97+81.3 TO STA 98+42.8	RT	94.5
STA 110+75.3 TO STA 110+83.7	RT	2.1
ENTRANCE AT STA 111+88.5	LT	55.4
ENTRANCE AT STA 111+94.4	RT	62.9
ENTRANCE AT STA 112+65.6	RT	26.7
IL 111/MILLER STREET		
ENTRANCE AT STA 9+04.5	LT	87.1
PROJECT TOTAL		645.0
USE		645

PAVED SHOULDER REMOVAL

STATION TO STATION	SIDE	PAVED SHOULDER REMOVAL	
		SQ YD	
FAU ROUTE 753 (IL 104)			
92+99.6	96+20.8	RT	71.4
100+69.6	109+87.8	LT	816.2
100+69.6	110+19.2	RT	844.1
110+63.0	111+22.5	LT	62.1
PROJECT TOTAL		1,793.8	
USE		1,794	

PIPE CULVERT REMOVAL

STATION	SIDE	TYPE	PIPE CULVERT REMOVAL
			FOOT
FAU ROUTE 753 (IL RTE 104)			
101+71.9	LT	12" CULVERT	46.8
102+07.9	LT	12" CULVERT	18.4
102+30.2	RT	12" CULVERT	21.0
103+39.9	LT	12" CULVERT	20.7
103+72.1	LT	12" CULVERT	21.0
103+73.9	RT	12" CULVERT	20.9
104+11.4	RT	12" CULVERT	21.0
104+80.6	RT	12" CULVERT	20.6
105+00.2	LT	12" CULVERT	24.6
105+49.4	LT	12" CULVERT	82.4
105+95.2	RT	12" CULVERT	19.4
106+71.7	RT	12" CULVERT	20.4
106+75.6	LT	12" CULVERT	19.6
107+06.6	LT	12" CULVERT	20.7
107+49.9	RT	12" CULVERT	20.0
107+98.4	RT	12" CULVERT	20.7
108+51.9	RT	12" CULVERT	20.7
109+22.7	RT	12" CULVERT	22.7
109+48.7	RT	10" CULVERT	12.5
110+24.2	RT	12" CULVERT	7.1
110+40.9	RT	18" CULVERT	56.0
110+80.8	LT	15" CULVERT	9.3
110+93.8	LT	15" CULVERT	9.2
111+88.5	LT	15" CULVERT	26.4
112+30.6	LT	12" CULVERT	29.5
113+01.0	LT	12" CULVERT	20.6
113+72.2	LT	12" CULVERT	22.6
114+02.5	LT	18" CULVERT	10.5
117+39.0	RT	12" CULVERT	28.4
121+29.0	RT	15" CULVERT	37.1
IL RTE 111			
8+00.0	LT	15" CULVERT	83.5
9+04.5	LT	15" CULVERT	46.1
MORGAN STREET			
7+39.0	LT	12" CULVERT	24.0
8+81.0	LT	12" CULVERT	22.7
PROJECT TOTAL			907.1
USE			908

COMBINATION CURB & GUTTER REMOVAL

STATION TO STATION	SIDE	COMBINATION CURB & GUTTER REMOVAL	
		FOOT	
FAU ROUTE 753 (IL 104)			
95+20.5	95+65.3	RT	50.7
95+64.9	95+86.4	LT	58.8
109+87.8	110+23.2	LT	69.1
PROJECT TOTAL		178.6	
USE		179	

PAVEMENT PATCHING

LOCATION	PAVEMENT PATCHING, 11 INCH		
	TYPE II	TYPE III	TYPE IV
	SQ YD		
FAU ROUTE 753 (IL 104)			
102+43.33 (LT & RT)	13.0		
104+00.00 (LT & RT)	13.0		
106+40.00 (LT & RT)	13.0		
108+30.00 (LT & RT)	17.0		
109+90.00 (LT & RT)	22.0		
112+61.6 TO 114+37.2 (LT)			37.6
ROADWAY	650.0	200.0	375.0
IL RTE 111			
9+75.00 (LT & RT)		38.0	
PROJECT TOTALS	728	238	412.6
USE	728	238	413

SIDEWALK REMOVAL

STATION TO STATION	SIDE	WIDTH		AREA
		FT	SQ FT	
92+25.4	92+29.5	LT	11.2	45.9
92+27.7	92+31.9	RT	6.2	26.0
92+32.0	92+42.0	RT	4.3	43.0
93+00.2	92+04.0	LT	4.8	18.2
94+66.3	95+49.7	RT	3.9	325.3
95+68.1	95+80.2	LT	5.0	60.5
95+96.8	96+41.9	RT	VAR	209.7
96+20.1	96+47.5	LT	4.6	126.0
96+79.7	96+87.3	LT	3.6	27.4
96+80.7	96+88.0	RT	3.8	27.7
96+93.4	96+97.7	LT	5.4	23.2
96+94.9	96+98.8	RT	6.2	24.2
100+04.0	100+16.1	LT	3.5	42.4
100+47.9	100+68.8	LT	VAR	130.4
100+52.6	100+69.6	RT	VAR	109.9
103+58.0	104+27.0	RT	3.9	269.1
104+62.5	104+98.5	RT	4.0	144.0
106+85.0	107+35.0	LT	4.0	200.0
107+34.0	107+66.0	RT	4.0	128.0
109+47.0	109+50.3	RT	2.7	8.9
109+82.2	110+18.9	LT	VAR	266.2
109+97.4	110+26.0	RT	VAR	233.1
110+60.4	110+70.6	RT	VAR	50.7
110+77.2	110+94.3	LT	3.9	66.7
111+77.0	112+10.5	LT	4.0	134.0
112+10.5	112+12.2	LT	4.0	6.8
113+85.7	114+26.6	LT	4.5	184.1
114+72.8	114+96.0	LT	4.0	92.8
TOTAL				3,024.2
USE				3,025

PROTECTIVE COAT

ITEM	PROTECTIVE COAT
	SQ YD
FAU ROUTE 753 (IL 104)	
COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24	234.2
GUTTER, TYPE A (MODIFIED) & OUTLETS	652.3
PCC DRIVEWAY PAVEMENT	581.3
CONCRETE PAD AROUND MANHOLE	9.0
FAU ROUTE 753 (IL 104)	1,476.8
FAU ROUTE 753 (IL 104) - SIDEWALK REMOVAL & REPLACEMENT	
PCC SIDEWALK & RAMPS	536.3
FAU ROUTE 753 (IL 104) - SIDEWALK REMOVAL & REPLACEMENT SUBTOTAL	536.3
PROJECT TOTAL	2,013.1
USE	2,014

PAVEMENT REMOVAL

STATION TO STATION	SIDE	PAVEMENT REMOVAL	
		SQ YD	
FAU ROUTE 753 (IL 104)			
109+87.8	110+24.3	LT	54.9
110+63.4	110+91.6	LT	42.5
PROJECT TOTAL		97.4	
USE		98	

HOT-MIX ASPHALT SURFACE REMOVAL SCHEDULE

STATION TO STATION	HOT-MIX ASPHALT SURFACE REMOVAL	
	VARIABLE DEPTH	1/2"
	SQ YD	
FAU ROUTE 753 (IL RTE 104)		
40+89.59	151+05.21	37,249.2
IL RTE 111		
		503.9
PROJECT TOTAL		37,249.2
USE		37,250

CONCRETE HEADWALL REMOVAL

STATION	SIDE	CONCRETE HEADWALL REMOVAL	
		OFFSET FT	EACH
FAU 753 (IL 104)			
111+68.3	RT	24.7	1
PROJECT TOTAL			1

STORM SEWER REMOVAL 18"

STATION TO STATION	SIDE	STORM SEWER REMOVAL 18"	
		FT	
FAU 753 (IL 104)			
114+07.8	114+19.1	LT	11.3
114+19.1	114+25.2	LT	11.9
PROJECT TOTAL		23.2	
USE		24	

HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT, 8"

STATION TO STATION	UNIT	TOTAL
LT. STA. 75+85 TO LT. STA. 77+20	SQ YD	100
PROJECT TOTAL	SQ YD	100

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

IL ROUTE 104 SCHEDULES OF QUANTITIES

SCALE: VERT. HORIZ. DATE: NOVEMBER 2, 2007

DRAWN BY TJD CHECKED BY AWM

PLOT DATE = Jan-23-2009 02:04:03PM
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 PLOT SCALE = 2.1176 / IN.
 USER NAME = laughlinr1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	10
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* 128RS-3, 139RS-3				

ADJUSTMENT ITEMS

STATION	SIDE	OFFSET FT	WATER VALVES TO BE MOVED	DOMESTIC METER VAULTS TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	INLETS TO BE ADJUSTED	VALVE VAULTS TO BE ADJUSTED	REMOVING MANHOLES	REMOVING INLETS	EACH	
FAU 753 (IL 104)											
82+98.9	RT	24.4			1						
83+13.0	RT	37.2			1						
84+52.7	LT	21.2			1						
88+50.8	LT	20.6			1						
92+25.0	RT	17.5					1				
92+67.0	LT	20.1			1						
93+06.2	RT	21.3					1				
93+10.1	RT	22.9						1			
95+47.3	RT	29.2							1		
96+64.6	LT	19.9			1						
97+49.4	RT	21.0				1					
100+26.3	RT	30.3			1						
100+35.0	LT	19.2			1						
102+73.3	RT	19.3			1						
103+66.4	RT	29.7		1							
104+29.4	RT	30.1		1							
106+67.8	RT	19.1			1						
110+14.4	RT	21.5					1				
110+16.9	LT	37.0								1	
110+35.1	RT	36.0					1				
110+58.8	RT	18.8			1						
110+71.9	RT	25.9	1								
110+73.5	LT	29.0			1						
114+36.5	LT	22.8			1						
116+01.3	LT	33.4			1						
117+75.7	LT	25.0			1						
118+31.9	LT	32.3			1						
PROJECT TOTALS			1	4	14	1	4	1	2		

GUARDRAIL & GUARDRAIL REMOVAL

APPROXIMATE STATION TO STATION	SIDE	GUARDRAIL REMOVAL FOOT	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL MARKERS, TYPE A	
					EACH	
FAU ROUTE 753 (IL 104)						
60+70	61+20	RT	50	1	1	2
61+00	61+50	LT	50	1	1	2
61+65	62+15	RT	50	1	1	2
61+75	62+25	LT	50	1	1	2
66+95	67+45	RT	50	1	1	4
69+00	69+50	RT	50	1	1	
PROJECT TOTAL			300	6	6	12

NON-SPECIAL WASTE QUANTITIES

STATION TO STATION	SIDE	NON-SPECIAL WASTE DISPOSAL CU YD	SPECIAL WASTE PLANS AND REPORT L SUM	SOIL DISPOSAL ANALYSIS EACH
FAU RTE 753 (IL 104)				
111+10	111+85	LT	75	1
PROJECT TOTAL			75	1

STORM SEWER TO BE FILLED

BEGIN STATION	OFFSET & SIDE	END STATION	OFFSET & SIDE	STORM SEWER TO BE FILLED CU YD
FAU 753 (IL 104)				
110+17.9	36.6' LT	110+75.0	22.5' RT	1.7
PROJECT TOTAL				1.7
USE				2

WORK ZONE PAVEMENT MARKING REMOVAL

STATION TO STATION	ITEM	PAVEMENT MARKING REMOVAL	
		LENGTH FOOT	AREA SQ FT
FAU ROUTE 753 (IL 104)			
40+44.59	151+50.21	SHORT-TERM CL STRIPES	1,124.0
40+44.59	99+82.4	SHORT-TERM EDGE LINES	704.0
100+36.05	112+43.6	SHORT-TERM EDGE LINES	88.0
IL 111			
8+67.7	9+87.0	SHORT-TERM CL STRIPES	12.0
PROJECT TOTAL			642.4
USE			643

BOX CULVERT REMOVAL

STATION	SIDE	BOX CULVERT REMOVAL FOOT
FAU 753 (IL 104)		
113+95.5	LT	12
PROJECT TOTAL		12

CATCH BASINS TO BE CLEANED

STATION	SIDE	OFFSET FT	CATCH BASINS TO BE CLEANED EACH
FAU 753 (IL 104)			
92+95.2	RT	37.8	1
PROJECT TOTAL			1

CLASS SI CONCRETE (OUTLET)

STATION	SIDE	ITEM	CLASS SI CONCRETE (OUTLET) CU YD
FAU ROUTE 753 (IL RTE 104)			
100+63.6	LT	TYPE A GUTTER (MODIFIED) INLET	1.18
100+63.6	RT	TYPE A GUTTER (MODIFIED) INLET	1.18
111+98.5	LT	TYPE A GUTTER (MODIFIED) INLET	1.18
112+14.0	LT	CONCRETE PAD AROUND MANHOLE	2.01
PROJECT TOTAL			5.55
USE			5.6

CONCRETE CURB, TYPE B (SPECIAL)

STATION TO STATION	SIDE	CONCRETE CURB, TYPE B (SPECIAL) FOOT	
FAU ROUTE 753 (IL RTE 104) - URBAN			
109+89.9	110+08.7	LT	21.8
FAU ROUTE 753 (IL RTE 104) - URBAN SUBTOTAL			21.8
PROJECT TOTAL			21.8
USE			22

CURB & GUTTER QUANTITIES

STATION TO STATION	SIDE	CONCRETE GUTTER, TYPE A (MODIFIED)	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
FAU ROUTE 753 (IL RTE 104)			
92+92.0	96+44.8	RT	380.1
100+82.1	110+02.9	RT	920.8
100+81.1	109+61.5	LT	880.4
109+61.5	110+25.0	LT	87.6
110+02.9	110+29.7	RT	51.0
110+58.2	111+04.3	RT	69.0
110+61.9	110+94.5	LT	121.3
110+94.5	112+10.5	LT	104.0
PROJECT TOTAL			1,905.2
USE			1,906

PAVEMENT MARKING SCHEDULE

STATION TO STATION	PAINT PAVEMENT MARKING			PREFORMED PLASTIC PAVEMENT MARKING		RAISED REFLECTIVE PAVEMENT MARKER EACH
	LINE 5" WHITE EDGE LINE	LINE 5" YELLOW SKIP-DASH	LINE 5" YELLOW SOLID LINE	LINE 6"	LINE 24"	
FAU ROUTE 753 (IL 104)						
40+44.6	151+50.21	20,907.3	2,060.4	6,597.8	159.6	51.2
ILLINOIS 111						
8+67.7	9+62.9	98.1	21.6	145.6	24.5	2
TOTAL		21,005.4	2,082.0	6,597.8	305.2	75.7
USE			29,686		306	76

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

STATION TO STATION	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL EACH	
FAU 753 (IL 104)		
40+44.6	112+10.50	103
112+10.5	151+50.21	50
IL 111		
8+67.7	9+62.9	2
PROJECT TOTAL		155

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

IL ROUTE 104
SCHEDULES OF QUANTITIES

SCALE: VERT.
HORIZ.
DATE: NOVEMBER 2, 2007

DRAWN BY TJD
CHECKED BY AWM

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PLOT SCALE = 2.1176 / IN.
USER NAME = laughlin-1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	11
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 128RS-3, 139RS-3				

ENTRANCE SCHEDULE

LOCATION	TYPE OF ENTRANCE	EXISTING MATERIAL TYPE	WIDTH	LENGTH (FROM EOP/BIT SHLD TO LIMITS OF IMPROVEMENT)	HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT	PREPARATION OF BASE	AGGREGATE BASE REPAIR	AGGREGATE SURFACE COURSE, TYPE B	INCIDENTAL HOT-MIX ASPHALT SURFACE	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH
(LT/RT) (STA)	(FE / PE / CE / MB) (RURAL / URBAN)	(EARTH/AGG/ BIT/PCC)	FOOT	FOOT	SQ YD		TON	TON		SQ YD	
FAU ROUTE 753 (IL 104)											
LT STA 41+37.00	PE RURAL	AGG	17	11		15.1	1.4	1.9	3.0		
RT STA 41+68.00	FE RURAL	AGG	18	0							
LT STA 41+62.50	MB RURAL	BIT	20	4	7.3		1.6		2.1		
LT STA 54+41.00	FE RURAL	AGG	24	0							
RT STA 65+93.00	PE URBAN	AGG	16	11		10.7	1.3	1.3	2.6		
LT STA 66+20.00	FE URBAN	AGG	22	0							
LT STA 66+50.25	MB URBAN	BIT	20	4	9.2		1.6		2.7		
LT STA 73+61.00	PE URBAN	AGG	20	7				1.6			
RT STA 75+29.00	PE URBAN	BIT	24	22	40.7	3.1	1.9		6.4		
LT STA 75+75.00	PE URBAN	AGG	12	7				1.0			
RT STA 76+06.00	PE URBAN	BIT	12	14	12.4	2.3	1.0		2.1		
LT STA 76+67.00	PE URBAN	AGG	15	13		21.9	1.2		4.3		
RT STA 76+86.00	PE URBAN	BIT	24	11	19.6		1.9		2.9		
RT STA 77+62.00	PE URBAN	BIT	12	11	9.8	1.4	1.0		1.6		
LT STA 77+73.50	PE URBAN	BIT	12	13	11.6	0.5	1.0		1.8		
LT STA 78+10.00	CE URBAN	BIT	24	13	23.1	3.3	1.9		4.6		
RT STA 78+12.00	PE URBAN	BIT	12	11	8.1	3.3	1.0		1.8		
RT STA 78+94.00	CE URBAN	BIT	24	11	15.5	6.7	1.9		5.3		
LT STA 79+02.00	CE URBAN	AGG	24	13		35.1	1.9		15.7		
RT STA 79+43.50	CE URBAN	BIT	35	11	23.6	8.2	2.8		7.1		
LT STA 79+45.00	PE URBAN	AGG	12	13		17.8	1.0		3.5		
LT STA 80+03.25	PE URBAN	BIT	12	12	10.7	0.8	1.0		1.7		
LT STA 80+34.00	PE URBAN	AGG	12	12		16.4	1.0		3.2		
LT STA 81+40.00	PE URBAN	AGG	15	11		18.8	1.2		3.7		
LT STA 81+66.00	PE URBAN	AGG	15	11		18.8	1.2		3.7		
RT STA 81+90.50	PE URBAN	BIT	12	11	9.8	0.5	1.0		1.5		
RT STA 82+65.00	PE URBAN	BIT	24	11	19.6		1.9		2.9		
LT STA 82+66.00	PE URBAN	BIT	20	11	16.3	0.3	1.6		2.5		
STATION EQUATION: STA 82+80 BK = STA 82+00 AH											
LT STA 83+56.00	PE URBAN	AGG	12	12		16.4	1.0		3.2		
RT STA 84+29.00	PE URBAN	BIT	24	16	28.4		1.9		4.3		
LT STA 84+65.00	PE URBAN	AGG	12	12		15.7	1.0		3.2		
RT STA 85+14.00	PE URBAN	AGG	16	12		22.1	1.3		4.3		
LT STA 85+69.00	PE URBAN	AGG	12	12		17.3	1.0		3.2		
LT STA 88+10.00	PE URBAN	AGG	12	14		19.1	1.0		3.7		
LT STA 89+16.00	PE URBAN	BIT	20	13	18.3	2.2	1.6		3.2		
RT STA 89+31.00	PE URBAN	BIT	12	13	11.6	0.6	1.0		1.7		
LT STA 89+86.00	PE URBAN	BIT	24	13	23.1	0.6	1.9		3.5		
RT STA 91+54.00	CE URBAN	BIT	30	13	28.9	0.1	2.4		4.2		
RT STA 91+94.00	CE URBAN	BIT	30	13	28.9	1.4	2.4		4.7		
RT STA 94+71.76	CE URBAN	AGG	35	11.4		44.6	2.8			44.6	
LT STA 94+72.00	CE URBAN	BIT	35	12.5	32.4	0.1	2.8		4.8		
RT STA 95+08.52	CE URBAN	AGG	24	11.4		30.7	1.9			30.7	
LT STA 95+47.00	CE URBAN	PCC	35	20						62.7	
RT STA 95+84.00	CE URBAN	AGG	35	12		44.6	2.8			47.1	
LT STA 96+04.00	CE URBAN	PCC	35	20						62.7	
LT STA 97+84.00	PE URBAN	AGG	20	12		27.9	1.6		5.5		
RT STA 98+14.00	CE URBAN	PCC	35	12		46.7				46.7	
LT STA 99+15.00	PE URBAN	BIT	16	12	13.3	3.9	1.3		2.5		
LT STA 101+71.93	PE URBAN	AGG	16	9.5		16.8				16.8	
LT STA 102+07.91	PE URBAN	BIT	12	9		12.6				12.6	
RT STA 102+30.17	PE URBAN	BIT	12	8		10.9				10.9	
LT STA 103+39.91	PE URBAN	BIT	12	9		12.4				12.4	
LT STA 103+72.07	PE URBAN	BIT	12	9		12.3				12.3	

(CONTINUED ON NEXT SHEET)

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 USER NAME = laughlin-1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

IL ROUTE 104
 SCHEDULES OF QUANTITIES

SCALE: VERT. / HORIZ.
 DATE: NOVEMBER 2, 2007
 DRAWN BY: TJD
 CHECKED BY: AWM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	12
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 128RS-3, 139RS-3				

ENTRANCE SCHEDULE

LOCATION	TYPE OF ENTRANCE	EXISTING MATERIAL TYPE	WIDTH	LENGTH (FROM EOP/BIT SHLD TO LIMITS OF IMPROVEMENT)	HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT	PREPARATION OF BASE	AGGREGATE BASE REPAIR	AGGREGATE SURFACE COURSE, TYPE B	INCIDENTAL HOT-MIX ASPHALT SURFACE	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	
(LT/RT) (STA)	(FE / PE / CE / MB) (RURAL / URBAN)	(EARTH/AGG/ BIT/PCC)	FOOT	FOOT	SQ YD			TON		SQ YD		
FAU ROUTE 753 (IL 104)												
RT STA 103+73.90	PE URBAN	BIT	12	15		14.8			0.8	10.7		
RT STA 104+11.36	PE URBAN	BIT	12	15		14.8			0.8	10.7		
RT STA 104+80.58	PE URBAN	BIT	16	15		19.6			1.0	14.3		
LT STA 105+00.19	PE URBAN	BIT	12	9		12.1				12.0		
LT STA 105+49.44	PE URBAN	AGG	12	9		12.2				12.2		
RT STA 105+95.17	PE URBAN	BIT	12	8		10.7				10.7		
LT STA 106+07.98	PE URBAN	AGG	12	9		12.1				12.1		
RT STA 106+71.74	PE URBAN	AGG	12	8		11.3				11.3		
LT STA 106+75.60	PE URBAN	AGG	12	9		12.2				12.2		
LT STA 107+06.56	PE URBAN	BIT	12	9		12.0				12.0		
RT STA 107+49.89	PE URBAN	BIT	12	15		14.5		1.3		10.7		
LT STA 107+94.70	PE URBAN	BIT	12	9		11.8				11.8		
RT STA 107+98.39	PE URBAN	AGG	12	8		10.7				10.7		
RT STA 108+51.87	PE URBAN	AGG	12	8.5		11.3				11.3		
LT STA 109+11.07	PE URBAN	AGG	12	9		12.0				12.0		
RT STA 109+22.74	PE URBAN	BIT	21	8		10.8				10.8		
LT STA 109+49.46	CE URBAN	BIT	24	9		24.0					24.0	
LT STA 111+88.51	CE URBAN	BIT	14	8.5		18.6					18.6	
RT STA 111+94.44	CE URBAN	PCC	35	3.6		14.9					14.9	
LT STA 112+30.60	CE URBAN	BIT	24	9.7	17.2		1.9		2.5			
RT STA 112+65.59	CE URBAN	PCC	24	6		3.1					20.0	
LT STA 113+00.95	CE URBAN	BIT	24	13	17.3	13.2	1.9		8.4			
RT STA 113+06.41	CE URBAN	BIT	24	6	9.1	5.2	1.9		3.7			
RT STA 113+37.04	CE URBAN	AGG	32	11	24.1	2.6	1.8		10.8			
LT STA 113+72.16	CE URBAN	BIT	24	13	19.7	9.8	1.9		7.2			
RT STA 114+34.44	CE URBAN	BIT	24	6	13.3	0.9	1.9		2.3			
LT STA 114+86.23	PE URBAN	AGG	12	11.5		15.1	1.0		3.0			
RT STA 114+90.00	CE URBAN	BIT	24	6	14.2	3.5	1.9		3.2			
LT STA 115+33.98	PE URBAN	AGG	12	11		18.0	1.0		3.5			
LT STA 117+06.21	CE URBAN	AGG	26	11		21.3	2.1	1.4	9.6			
RT STA 117+39.01	PE URBAN	EARTH	24	11		12.4	1.9	1.9	2.4			
LT STA 120+67.76	CE URBAN	BIT	24	6	7.1	10.4	1.9		4.0			
RT STA 121+29.12	CE URBAN	BIT	30	11	16.0	1.7	2.4	1.7	2.7			
RT STA 122+47.28	CE URBAN	AGG	24	6		0.6	1.9	1.3	2.2			
RT STA 123+73.75	CE URBAN	BIT	35	4	11.6	1.9	2.8		2.4			
RT STA 126+95.16	FE URBAN	AGG	24	6								
RT STA 127+58.77	PE URBAN	BIT	16	7	13.5	0.9	1.3		2.1			
RT STA 128+87.00	PE RURAL	BIT	16	7	10.9	2.7	1.3		2.7			
RT STA 130+42.00	PE RURAL	AGG	19	14		7.7	1.5	2.0	6.1			
RT STA 132+30.00	PE RURAL	AGG	16	14		10.9	1.3	1.8	5.6			
RT STA 134+84.00	PE RURAL	AGG	24	14		6.9	1.9	2.4	6.9			
LT STA 135+24.00	FE RURAL	AGG	15	3								
RT STA 135+58.00	PE RURAL	AGG	12	14		16.1	1.0	1.5	5.0			
LT STA 137+44.00	PE RURAL	BIT	22	14	16.6	3.9	1.8		2.2			
RT STA 139+44.50	FE RURAL	AGG	15	3								
LT STA 139+48.50	PE RURAL	BIT	22	7	15.8	0.4	1.8		2.2			
LT STA 141+98.00	FE RURAL	AGG	18	3								
RT STA 150+27.00	PE RURAL	BIT	20	7	14.8	0.5	1.6		2.2			
ROUTE 111												
LT STA 9+04.39	CE URBAN	BIT	35	16.5		68.1					68.1	
MORGAN STREET												
LT STA 7+39.00	FE URBAN	EARTH	16	3				18.0				
LT STA 8+81.00	CE URBAN	AGG	24	14				22.9				
TOTAL						619.3	1,063.7	104.96	63.8	244.2	250.5	440.1
USE						620	1,064	105	64	245	251	441

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 PLOT SCALE = 2.1776 / IN.
 USER NAME = laughlin-1

REVISIONS	
NAME	DATE

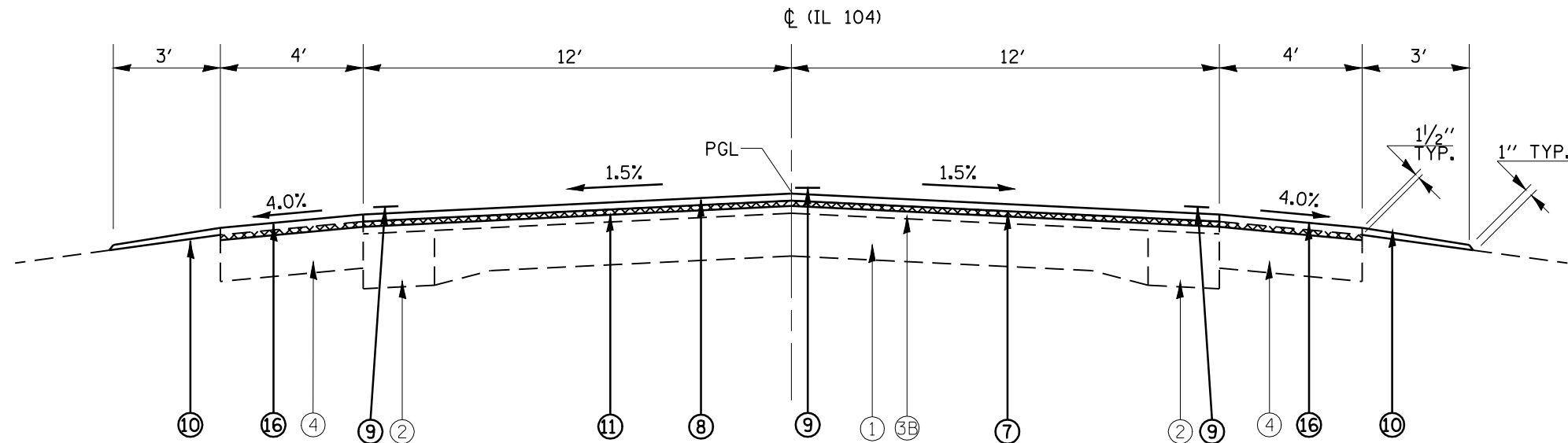
ILLINOIS DEPARTMENT OF TRANSPORTATION

IL ROUTE 104
 SCHEDULES OF QUANTITIES

SCALE: VERT. / HORIZ.
 DATE: NOVEMBER 2, 2007

DRAWN BY TJD
 CHECKED BY AWM

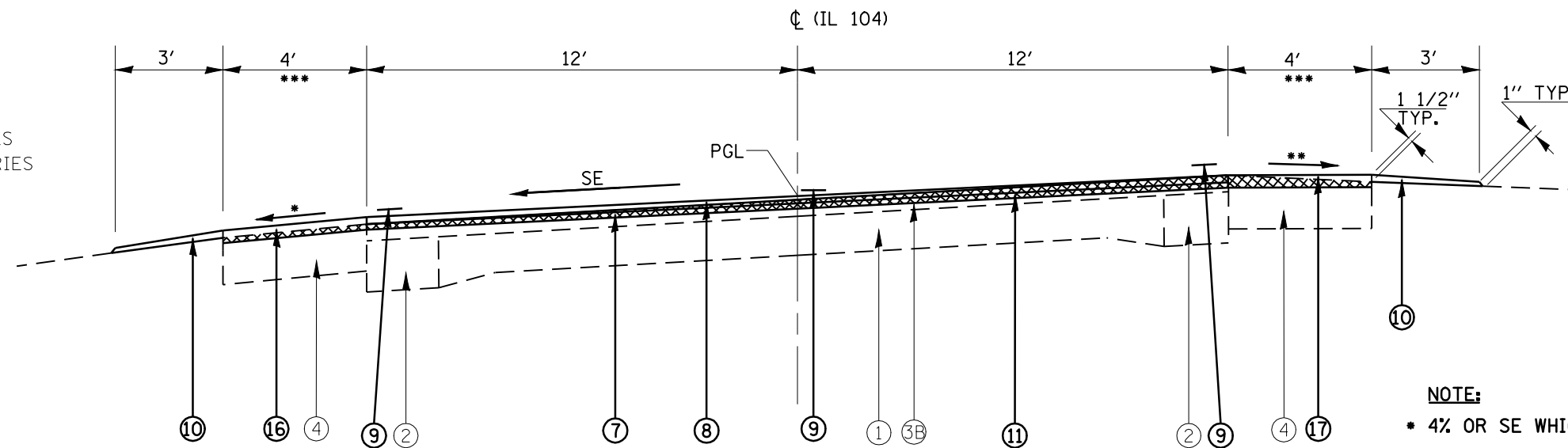
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	15
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 128RS-3, 139RS-3				



STA. 40+44.59 TO STA. 47+01.75
 STA. 59+69.93 TO STA. 68+19.16

LEGEND

- ① EXISTING 9-6-9 PAVEMENT
- ② EXISTING BASE COURSE WIDENING, 9"
- ③A EXISTING HOT-MIX ASPHALT OVERLAY, 3" & VARIES
- ③B EXISTING HOT-MIX ASPHALT OVERLAY, 4 1/2" & VARIES
- ④ EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- ⑤ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, TO REMAIN
- ⑥ EXISTING AGGREGATE SHOULDER
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (0.75" AVG. @ CL)
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
- ⑨ PROPOSED PAINT PAVEMENT MARKING, LINE 5"
- ⑩ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ⑪ PROPOSED LEVELING BINDER (MACHINE METHOD), N50, 3/4"
- ⑫ PROPOSED LEVELING BINDER (MACHINE METHOD), N50, 3/4" & VARIABLE
- ⑬ PROPOSED GUTTER, TYPE A (MODIFIED)
- ⑭ PROPOSED COMB CURB & GUTTER TYPE B-6.24
- ⑮ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
- ⑯ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2 1/4"
- ⑰ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2 1/4" & VARIABLE
- ⑱ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- ⑲ SUB-BASE GRANULAR MATERIAL, TYPE B



NOTE:

- * 4% OR SE WHICHEVER IS GREATER.
- ** 4% WITH A MAXIMUM BREAKOVER OF 12%.
- *** BITUMINOUS SHOULDER WIDTH = 8' FROM STA 70+00.0 TO STA 77+98.1

STA. 47+01.75 TO STA. 49+03.75 SE TRANSITION
 STA. 49+03.75 TO STA. 57+67.93 FULL SE = 5.0% - RT LOWSIDE
 STA. 57+67.93 TO STA. 59+69.93 SE TRANSITION
 *** STA. 68+19.16 TO STA. 70+20.16 SE TRANSITION
 *** STA. 70+20.16 TO STA. 76+18.62 FULL SE = 5.9% - LT LOWSIDE
 *** STA. 76+18.62 TO STA. 78+19.62 SE TRANSITION

REVISIONS	
NAME	DATE

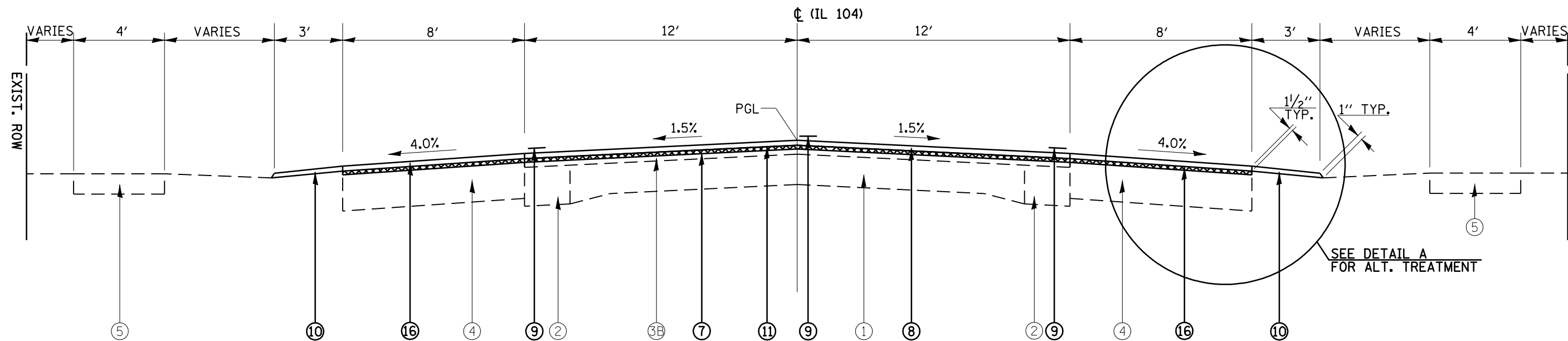
ILLINOIS DEPARTMENT OF TRANSPORTATION

IL ROUTE 104
 TYPICAL SECTIONS

DATE NOVEMBER 2, 2007
 DRAWN BY TJD
 CHECKED BY AWM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	•	MORGAN	137	16

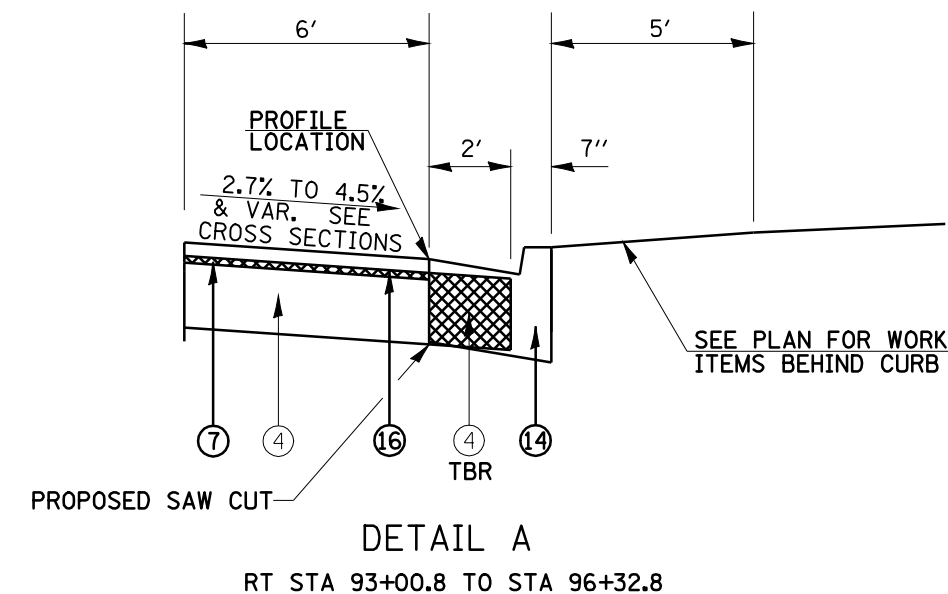
STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
• 128RS-3, 139RS-3	



STA. 78+19.62 TO STA. 100+63.64
 STATION EQUATION: STA 82+80.00 (BK) = STA 82+00.00 (AH)

LEGEND

- ① EXISTING 9-6-9 PAVEMENT
- ② EXISTING BASE COURSE WIDENING, 9"
- ③A EXISTING HOT-MIX ASPHALT OVERLAY, 3" & VARIES
- ③B EXISTING HOT-MIX ASPHALT OVERLAY, 4 1/2" & VARIES
- ④ EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- ⑤ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, TO REMAIN
- ⑥ EXISTING AGGREGATE SHOULDER
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (0.75" AVG. @ ϕ)
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
- ⑨ PROPOSED PAINT PAVEMENT MARKING, LINE 5"
- ⑩ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ⑪ PROPOSED LEVELING BINDER (MACHINE METHOD), N50, 3/4"
- ⑫ PROPOSED LEVELING BINDER (MACHINE METHOD), N50, 3/4" & VARIABLE
- ⑬ PROPOSED GUTTER, TYPE A (MODIFIED)
- ⑭ PROPOSED COMB CURB & GUTTER TYPE B-6.24
- ⑮ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
- ⑯ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2 1/4"
- ⑰ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2 1/4" & VARIABLE
- ⑱ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- ⑲ SUB-BASE GRANULAR MATERIAL, TYPE B



NOTE: STA 97+81.3 TO STA 98+42.8 RT PROVIDE 8' WIDE HOT-MIX ASPHALT SHOULDERS 8".

REVISIONS	
NAME	DATE

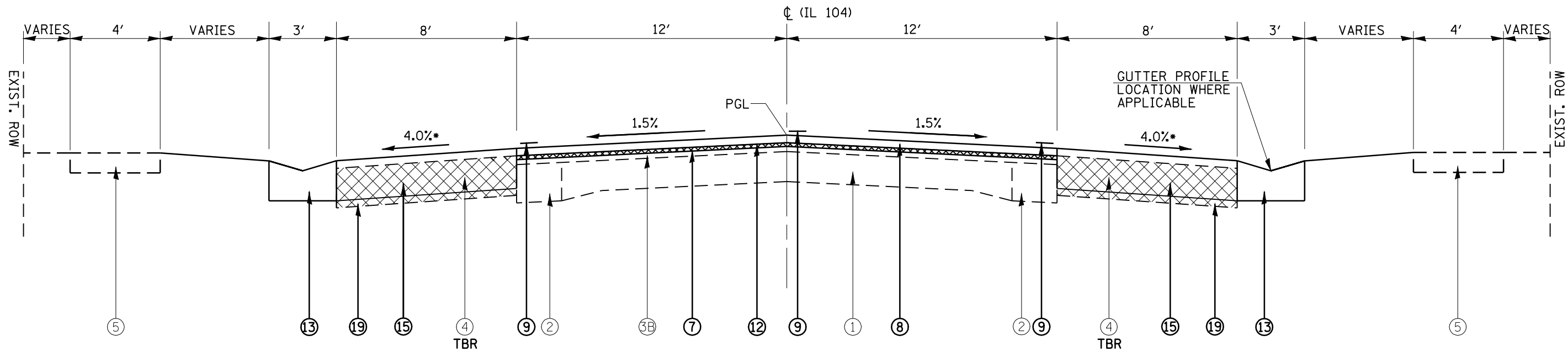
ILLINOIS DEPARTMENT OF TRANSPORTATION

IL ROUTE 104
 TYPICAL SECTIONS

DATE NOVEMBER 2, 2007
 DRAWN BY TJD
 CHECKED BY AWM

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 PLOT SCALE = 42.3529 / IN.
 USER NAME = Jaughlinr-1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	17
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 128RS-3, 139RS-3				



LT STA. 100+63.64 TO STA. 109+61.5
 RT STA. 100+63.64 TO STA. 110+02.9

* STA. 103+00.00 TO STA. 109+90.00
 † VARIES FROM 2.2% TO 5.7%, LT. & RT.

LEGEND

- ① EXISTING 9-6-9 PAVEMENT
- ② EXISTING BASE COURSE WIDENING, 9"
- ③A EXISTING HOT-MIX ASPHALT OVERLAY, 3" & VARIES
- ③B EXISTING HOT-MIX ASPHALT OVERLAY, 4 1/2" & VARIES
- ④ EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- ⑤ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, TO REMAIN
- ⑥ EXISTING AGGREGATE SHOULDER
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (0.75" AVG. @ CL)
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
- ⑨ PROPOSED PAINT PAVEMENT MARKING, LINE 5"
- ⑩ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ⑪ PROPOSED LEVELING BINDER (MACHINE METHOD), N50, 3/4"
- ⑫ PROPOSED LEVELING BINDER (MACHINE METHOD), N50, 3/4" & VARIABLE
- ⑬ PROPOSED GUTTER, TYPE A (MODIFIED)
- ⑭ PROPOSED COMB CURB & GUTTER TYPE B-6.24
- ⑮ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
- ⑯ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2 1/4"
- ⑰ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2 1/4" & VARIABLE
- ⑱ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- ⑲ SUB-BASE GRANULAR MATERIAL, TYPE B

NOTE: SEE PLAN VIEW FOR LOCATIONS OF PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

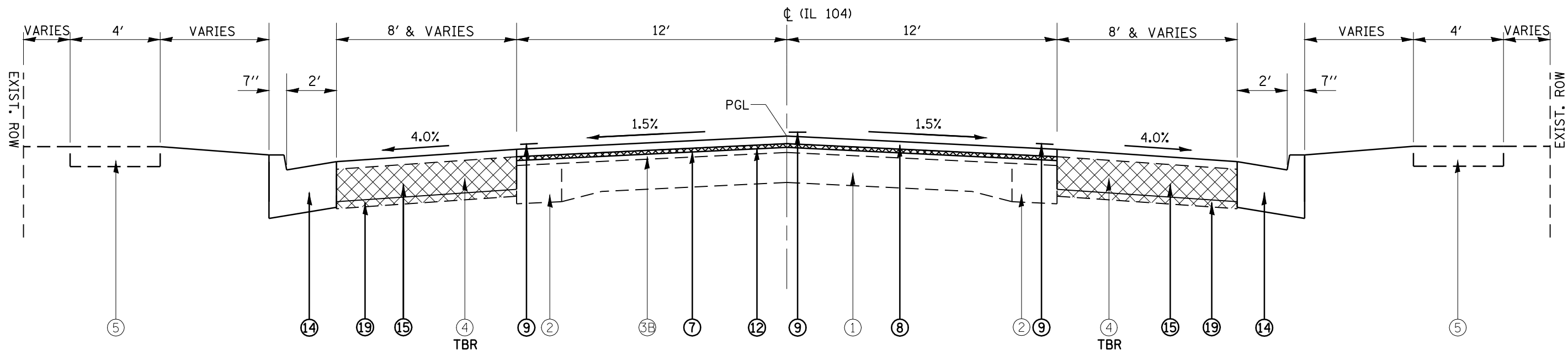
**IL ROUTE 104
 TYPICAL SECTIONS**

DRAWN BY TJD
 CHECKED BY AWM

DATE NOVEMBER 2, 2007

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	•	MORGAN	137	18
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 128RS-3, 139RS-3				



LT STA. 109+61.5 TO STA. 110+44.00
 RT STA. 110+02.9 TO STA. 110+44.00

LEGEND

- ① EXISTING 9-6-9 PAVEMENT
- ② EXISTING BASE COURSE WIDENING, 9"
- ③A EXISTING HOT-MIX ASPHALT OVERLAY, 3" & VARIES
- ③B EXISTING HOT-MIX ASPHALT OVERLAY, 4 1/2" & VARIES
- ④ EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- ⑤ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, TO REMAIN
- ⑥ EXISTING AGGREGATE SHOULDER
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (0.75" AVG. @ CL)
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
- ⑨ PROPOSED PAINT PAVEMENT MARKING, LINE 5"
- ⑩ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ⑪ PROPOSED LEVELING BINDER (MACHINE METHOD), N50, 3/4"
- ⑫ PROPOSED LEVELING BINDER (MACHINE METHOD), N50, 3/4" & VARIABLE
- ⑬ PROPOSED GUTTER, TYPE A (MODIFIED)
- ⑭ PROPOSED COMB CURB & GUTTER TYPE B-6.24
- ⑮ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
- ⑯ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2 1/4"
- ⑰ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2 1/4" & VARIABLE
- ⑱ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- ⑲ SUB-BASE GRANULAR MATERIAL, TYPE B

NOTE: SEE PLAN VIEW FOR LOCATIONS OF PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

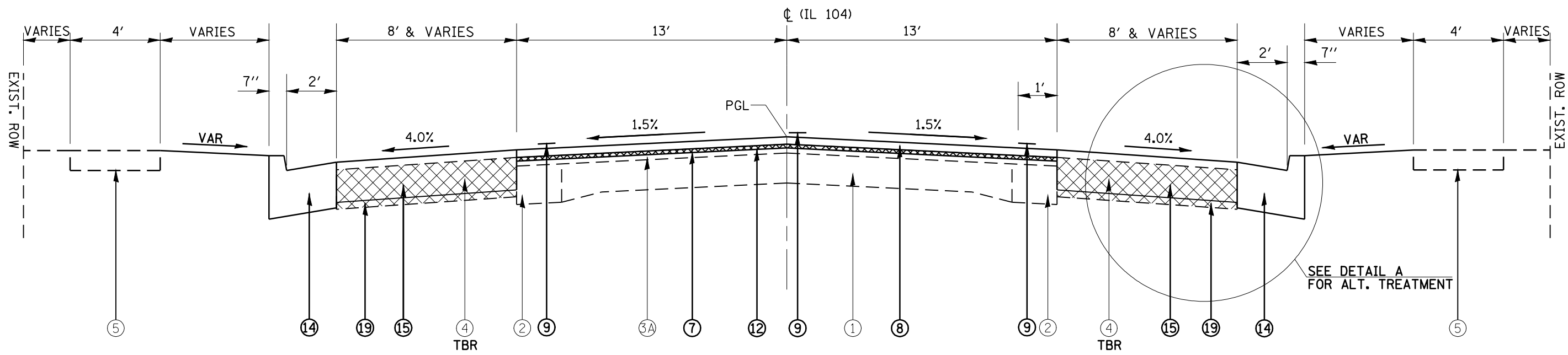
**IL ROUTE 104
 TYPICAL SECTIONS**

DATE NOVEMBER 2, 2007

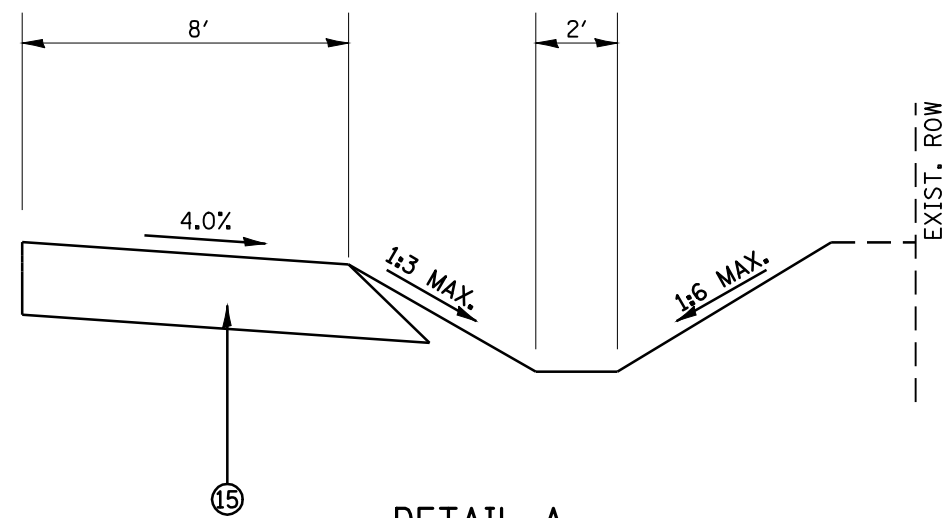
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 USER NAME = Jaughlinr-1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	•	MORGAN	137	19
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 128RS-3, 139RS-3				



LT STA. 110+44.00 TO STA. 110+94.51
 LT STA. 110+94.51 TO STA. 112+10.50 *
 RT STA. 110+44.00 TO STA. 111+04.3



DETAIL A
 RT STA 111+04.3 TO STA 112+17.92

LEGEND

- ① EXISTING 9-6-9 PAVEMENT
- ② EXISTING BASE COURSE WIDENING, 9"
- ③A EXISTING HOT-MIX ASPHALT OVERLAY, 3" & VARIES
- ③B EXISTING HOT-MIX ASPHALT OVERLAY, 4 1/2" & VARIES
- ④ EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- ⑤ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, TO REMAIN
- ⑥ EXISTING AGGREGATE SHOULDER
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (0.75" AVG. @ ϕ)
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
- ⑨ PROPOSED PAINT PAVEMENT MARKING, LINE 5"
- ⑩ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ⑪ PROPOSED LEVELING BINDER (MACHINE METHOD), N50, 3/4"
- ⑫ PROPOSED LEVELING BINDER (MACHINE METHOD), N50, 3/4" & VARIABLE
- ⑬ PROPOSED GUTTER, TYPE A (MODIFIED)
- ⑭ PROPOSED COMB CURB & GUTTER TYPE B-6.24
- ⑮ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
- ⑯ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2 1/4"
- ⑰ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2 1/4" & VARIABLE
- ⑱ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- ⑲ SUB-BASE GRANULAR MATERIAL, TYPE B

NOTE: SEE PLAN VIEW FOR LOCATIONS OF PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK.

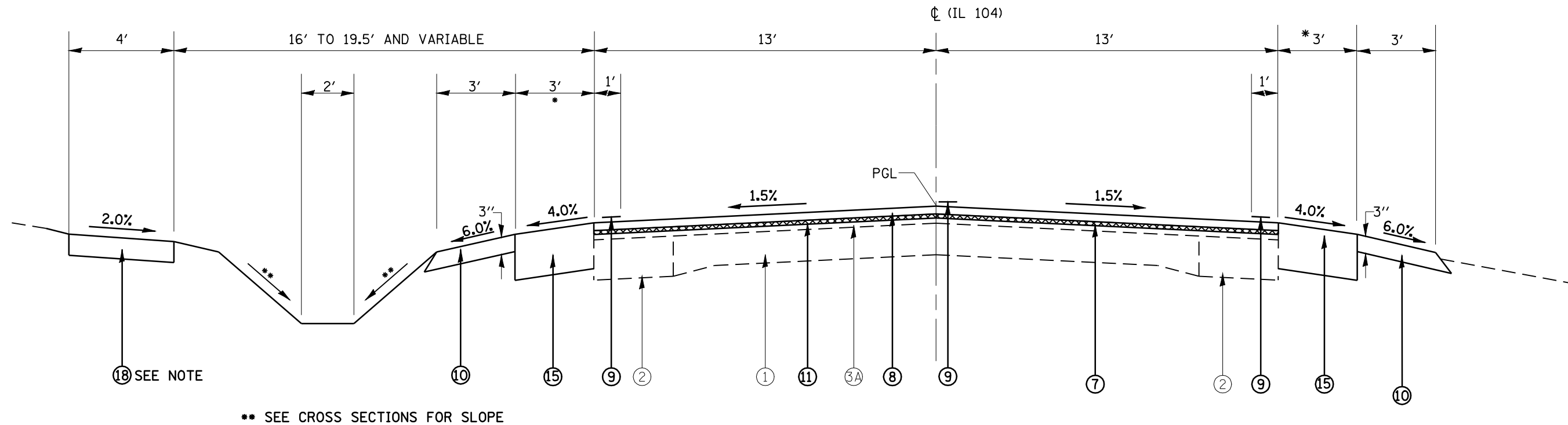
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 IL ROUTE 104
 TYPICAL SECTIONS
 DRAWN BY TJD
 CHECKED BY AWM
 DATE NOVEMBER 2, 2007

* ITEM 13 - GUTTER, TYPE A (MODIFIED) WILL BE ADJACENT TO LT SHOULDER RATHER THAN ITEM 14 - COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

PLOT DATE = Jan-16-2009 09:47:24AM
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 PLOT SCALE = 42.3529' / IN.
 USER NAME = Jaughlinr-1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	20
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 128RS-3, 139RS-3				



RT STA. 112+17.92 TO STA. 124+50.00
 LT STA. 112+10.50 TO STA. 124+50.00

* TAPERS FROM 3' AT STA 124+00 TO 1' AT STA 124+50

LEGEND

- ① EXISTING 9-6-9 PAVEMENT
- ② EXISTING BASE COURSE WIDENING, 9"
- ③A EXISTING HOT-MIX ASPHALT OVERLAY, 3" & VARIES
- ③B EXISTING HOT-MIX ASPHALT OVERLAY, 4 1/2" & VARIES
- ④ EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- ⑤ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, TO REMAIN
- ⑥ EXISTING AGGREGATE SHOULDER
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (0.75" AVG. @ CL)
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
- ⑨ PROPOSED PAINT PAVEMENT MARKING, LINE 5"
- ⑩ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ⑪ PROPOSED LEVELING BINDER (MACHINE METHOD), N50, 3/4"
- ⑫ PROPOSED LEVELING BINDER (MACHINE METHOD), N50, 3/4" & VARIABLE
- ⑬ PROPOSED GUTTER, TYPE A (MODIFIED)
- ⑭ PROPOSED COMB CURB & GUTTER TYPE B-6.24
- ⑮ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
- ⑯ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2 1/4"
- ⑰ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2 1/4" & VARIABLE
- ⑱ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- ⑲ SUB-BASE GRANULAR MATERIAL, TYPE B

NOTE: LEVELING BINDER WILL BE 3/4" AND VARIABLE TO THE END OF THE PROFILE GRADE AT STA 112+50.

SEE PLAN VIEW FOR LOCATIONS OF PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK.

REVISIONS	
NAME	DATE

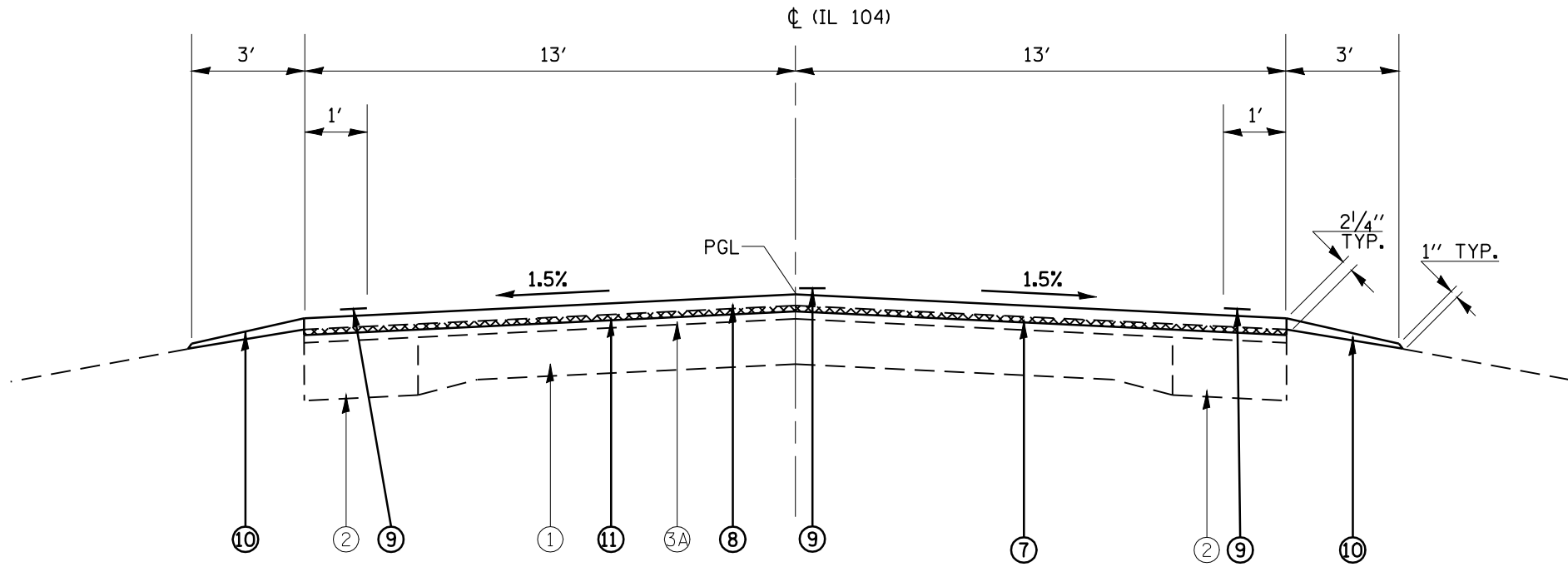
ILLINOIS DEPARTMENT OF TRANSPORTATION

IL ROUTE 104
 TYPICAL SECTIONS

DATE NOVEMBER 2, 2007
 DRAWN BY TJD
 CHECKED BY AWM

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 USER NAME = Jaughlinr-1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	21
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 128RS-3, 139RS-3				



STA. 124+50.00 TO STA. 151+50.21
 STATION EQUATION
 STA. 830+00.00 (AH) = STA. 151+70.30 (BK)

LEGEND

- ① EXISTING 9-6-9 PAVEMENT
- ② EXISTING BASE COURSE WIDENING, 9"
- ③A EXISTING HOT-MIX ASPHALT OVERLAY, 3" & VARIES
- ③B EXISTING HOT-MIX ASPHALT OVERLAY, 4 1/2" & VARIES
- ④ EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- ⑤ EXISTING PORTLAND CEMENT CONCRETE SIDEWALK, TO REMAIN
- ⑥ EXISTING AGGREGATE SHOULDER
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (0.75" AVG. @ CL)
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
- ⑨ PROPOSED PAINT PAVEMENT MARKING, LINE 5"
- ⑩ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ⑪ PROPOSED LEVELING BINDER (MACHINE METHOD), N50, 3/4"
- ⑫ PROPOSED LEVELING BINDER (MACHINE METHOD), N50, 3/4" & VARIABLE
- ⑬ PROPOSED GUTTER, TYPE A (MODIFIED)
- ⑭ PROPOSED COMB CURB & GUTTER TYPE B-6.24
- ⑮ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
- ⑯ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2 1/4"
- ⑰ PROPOSED HOT-MIX ASPHALT SHOULDERS, 2 1/4" & VARIABLE
- ⑱ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- ⑲ SUB-BASE GRANULAR MATERIAL, TYPE B

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

IL ROUTE 104
TYPICAL SECTIONS

DATE NOVEMBER 2, 2007

DRAWN BY TJD
 CHECKED BY AWM

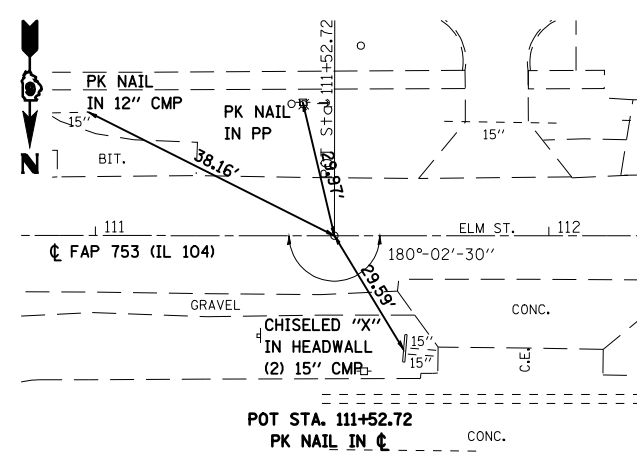
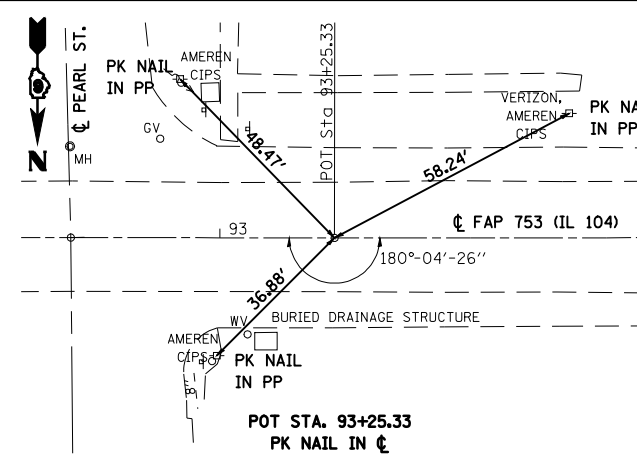
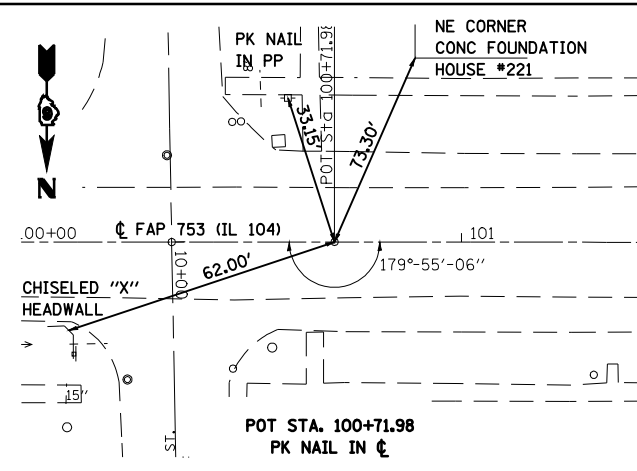
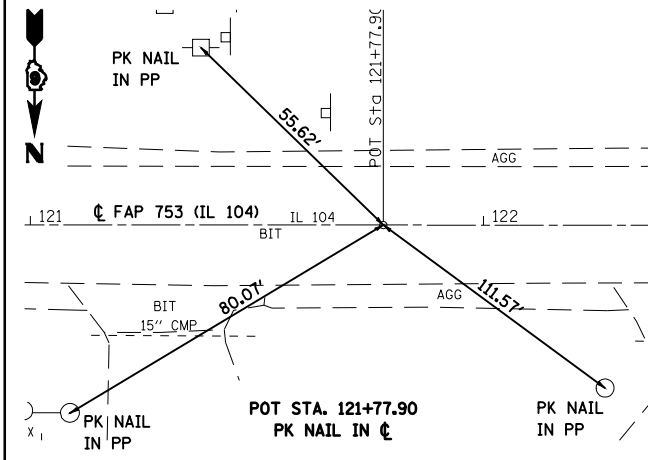
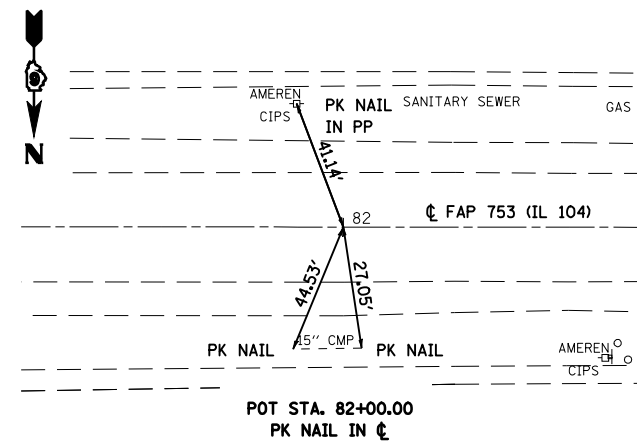
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 PLOT SCALE = 42.3529 / IN.
 USER NAME = Jaughlinr-1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	•	MORGAN	137	22
STA.		TO STA.		
FED. ROAD DIST. NO. 6 ILLINOIS		FED. AID PROJECT		
• 128RS-3, 139RS-3				

BENCHMARKS

- | | |
|--|--|
| <p>BM #1
 STA. 115+75±, 33'± RT.
 CHISELED "•" ON SE CAP BOLT FIRE HYDRANT
 NE CORNER ENTRANCE TO OLD HIGH SCHOOL
 (NOW MIDDLE SCHOOL), ±500' WEST OF IL. RTE. 111
 ELEV.= 669.78</p> | <p>BM #6
 STA. 14+36±, 31'± LT. (PEARL ST.)
 SE CAP BOLT ON FIRE HYDRANT
 NW CORNER PEARL ST. & STATE ST.
 ELEV.= 685.42</p> |
| <p>BM #2
 STA. 110+21±, 40.5'± RT.
 CHISELED "•" ON SE CAP BOLT FIRE HYDRANT
 NE CORNER IL RTE. 104 & IL RTE. 111
 ELEV.= 670.64</p> | <p>BM #7
 STA. 17+46±, 23'± LT. (PEARL ST.)
 CHISELED "•" ON SE CAP BOLT FIRE HYDRANT
 NW CORNER PEARL ST. & TEMPLE ST.
 ELEV.= 689.73</p> |
| <p>BM #3
 STA. 104+02±, 27.5'± RT.
 CHISELED "•" ON SE CAP BOLT FIRE HYDRANT
 NORTH SIDE IL. RTE. 104 MIDWAY BETWEEN
 BROOKS ST. & IL. RTE. 111
 ELEV.= 673.78</p> | <p>BM #8
 STA. 87+32±, 41'± RT.
 CHISELED "□" ON HEADWALL OF 12" CMP
 NW CORNER OF IL. RTE. 104 & GROVE ST.
 ELEV.= 681.00</p> |
| <p>BM #4
 STA. 96+99±, 42'± RT.
 CHISELED "□" ON SE CORNER OF CONC
 FOUNDATION OF LIGHTED CASEY'S SIGN
 NW CORNER IL. RTE 104 & PROSPECT ST.
 ELEV.= 674.05</p> | <p>BM #9
 STA. 84+47±, 30'± LT.
 RAILROAD SPIKE IN POWER POLE
 SOUTH SIDE IL. RTE. 104
 2nd POWER POLE, EAST SIDE OF GROVE ST.
 ELEV.= 681.59</p> |
| <p>BM #5
 STA. 92+31±, 39'± LT.
 RAILROAD SPIKE IN POWER POLE
 SE CORNER IL. RTE. 104 & PEARL ST.
 ELEV.= 677.98</p> | |

NOTE:
 BENCHMARKS ARE LISTED IN CHRONOLOGICAL ORDER (DECREASING STATIONING).
 ALL STATION & OFFSET REFERENCES ARE ALONG THE EXISTING IL. RTE. 104 ALIGNMENT
 UNLESS OTHERWISE NOTED.



NOTE: THE RESIDENT ENGINEER SHALL CONTACT DISTRICT 6 SURVEYS PRIOR TO USING ANY LAYOUT OR BENCHMARK INFORMATION TO VERIFY ITS ACCURACY.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ALIGNMENT TIES AND BENCHMARKS
 FAP 753 (IL 104)
 SEC. 128RS-3, 139RS-3
 MORGAN COUNTY
 DATE NOVEMBER 2, 2007
 DRAWN BY TMJ
 CHECKED BY WHA

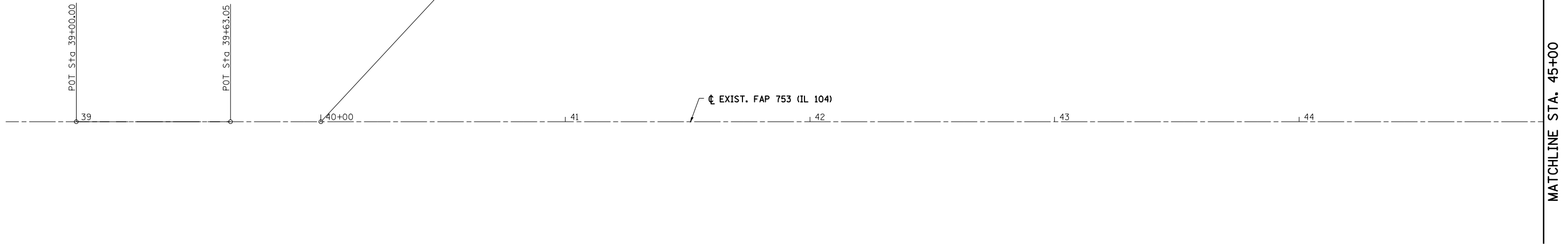
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	23
STA. 38+99.60		TO STA. 51+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• 128RS-3; 139RS-3
D-96-547-04

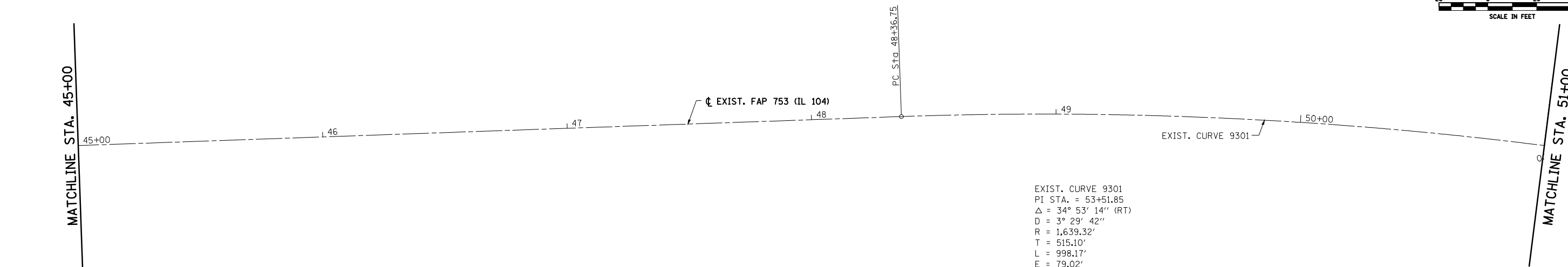
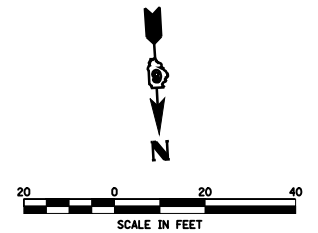


SEC 12, T13N, R8W, 3RD PM

STA. 40+00.00 FAP 753 (IL 104)
BEGIN IMPROVEMENT
SEC. 128RS-3, 139RS-3
PR BUTT JOINT



SEC 12, T13N, R8W, 3RD PM



EXIST. CURVE 9301
PI STA. = 53+51.85
 $\Delta = 34^\circ 53' 14''$ (RT)
D = $3^\circ 29' 42''$
R = 1,639.32'
T = 515.10'
L = 998.17'
E = 79.02'
e = 5.0%
T.R. = 38'
S.E. RUN = 128'
P.C. STA. = 48+36.75
P.T. STA. = 58+34.93

NOTE: THE RESIDENT ENGINEER SHALL CONTACT DISTRICT 6 SURVEYS PRIOR TO USING ANY LAYOUT OR BENCHMARK INFORMATION TO VERIFY ITS ACCURACY.

SE TRANS:
LT STA 47+13.2 TO LT STA 48+79.4
RT STA 47+89.9 TO RT 48+79.4
LT STA 57+92.3 TO LT STA 59+58.5
RT STA 57+92.3 TO RT STA 58+81.8

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

FAP 753 (IL 104)
ALIGNMENT LAYOUT
STA 38+99.60 TO STA 51+00.00

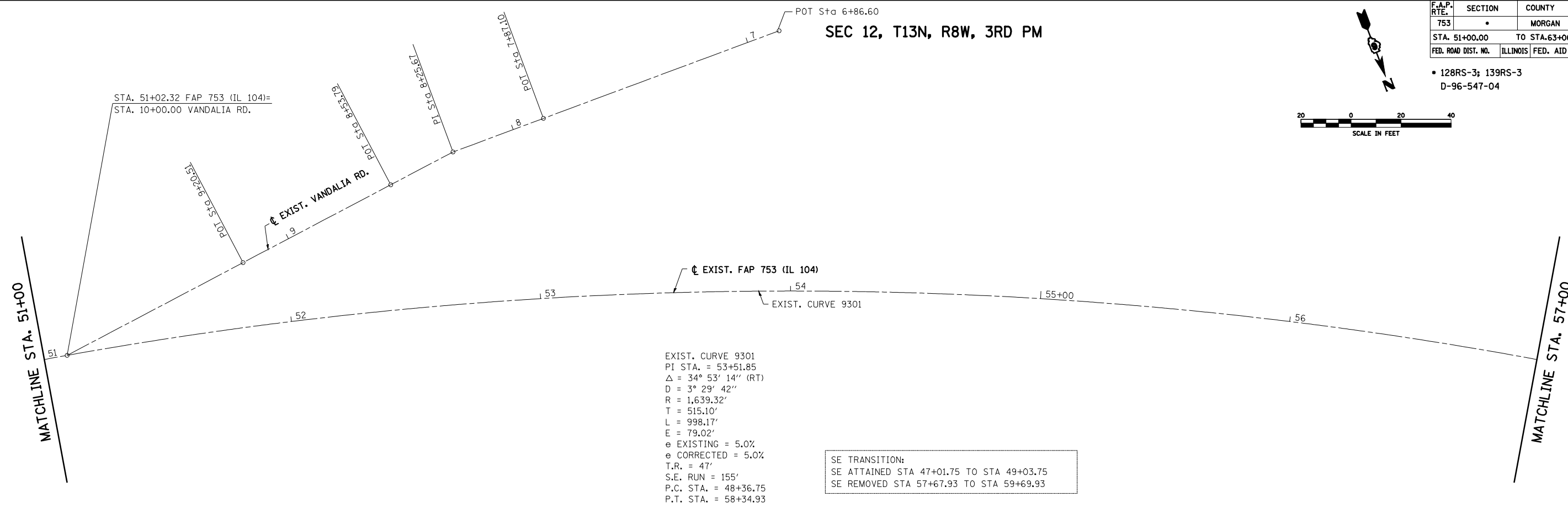
DATE NOVEMBER 2, 2007
DRAWN BY TMJ
CHECKED BY WHA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	24
STA. 51+00.00		TO STA. 63+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• 128RS-3; 139RS-3
D-96-547-04



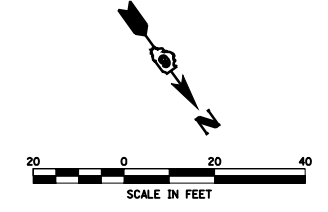
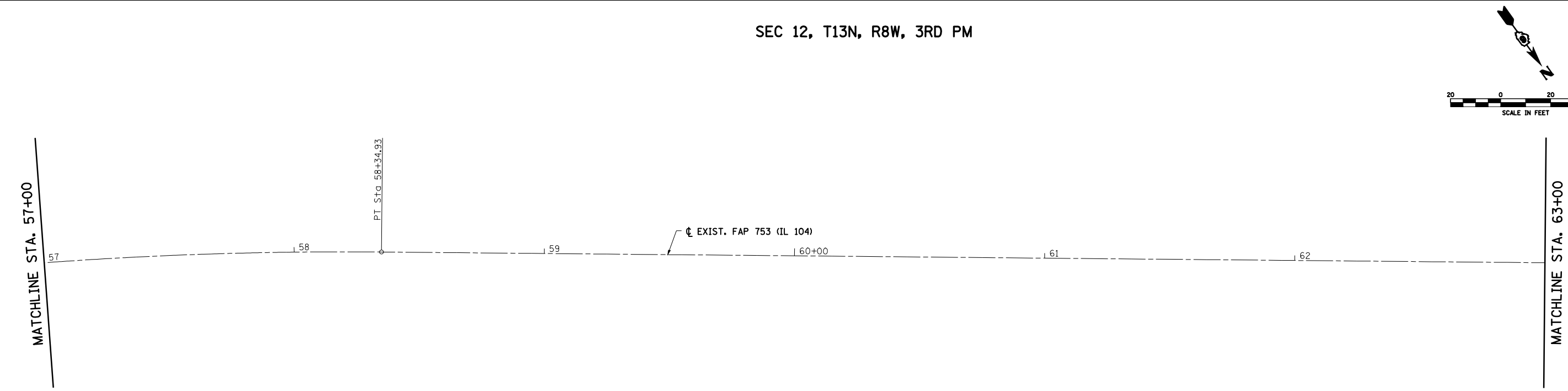
SEC 12, T13N, R8W, 3RD PM



EXIST. CURVE 9301
 PI STA. = 53+51.85
 $\Delta = 34^\circ 53' 14''$ (RT)
 $D = 3^\circ 29' 42''$
 $R = 1,639.32'$
 $T = 515.10'$
 $L = 998.17'$
 $E = 79.02'$
 e EXISTING = 5.0%
 e CORRECTED = 5.0%
 $T.R. = 47'$
 $S.E. RUN = 155'$
 $P.C. STA. = 48+36.75$
 $P.T. STA. = 58+34.93$

SE TRANSITION:
 SE ATTAINED STA 47+01.75 TO STA 49+03.75
 SE REMOVED STA 57+67.93 TO STA 59+69.93

SEC 12, T13N, R8W, 3RD PM



NOTE: THE RESIDENT ENGINEER SHALL CONTACT DISTRICT 6 SURVEYS PRIOR TO USING ANY LAYOUT OR BENCHMARK INFORMATION TO VERIFY ITS ACCURACY.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAP 753 (IL 104)
 ALIGNMENT LAYOUT
 STA 51+00.00 TO STA 63+00.00
 DRAWN BY TMJ
 CHECKED BY WHA
 DATE NOVEMBER 2, 2007

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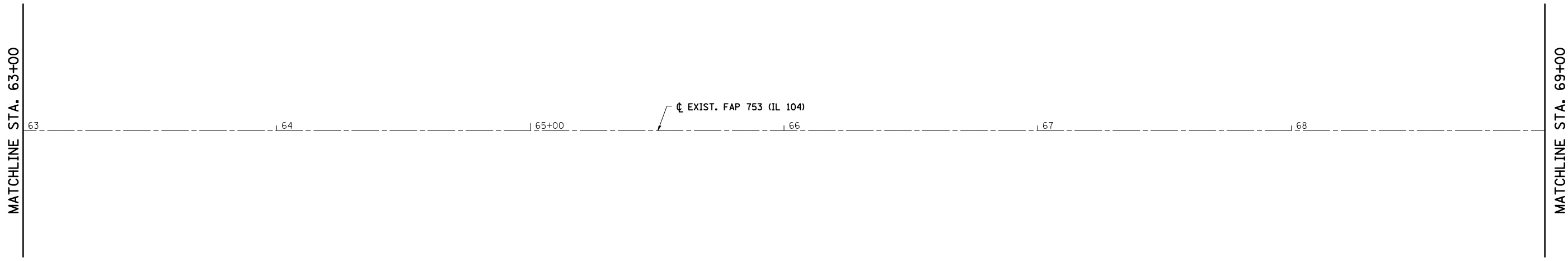
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	25

STA. 63+00.00 TO STA. 75+00.00
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

• 128RS-3; 139RS-3
 D-96-547-04

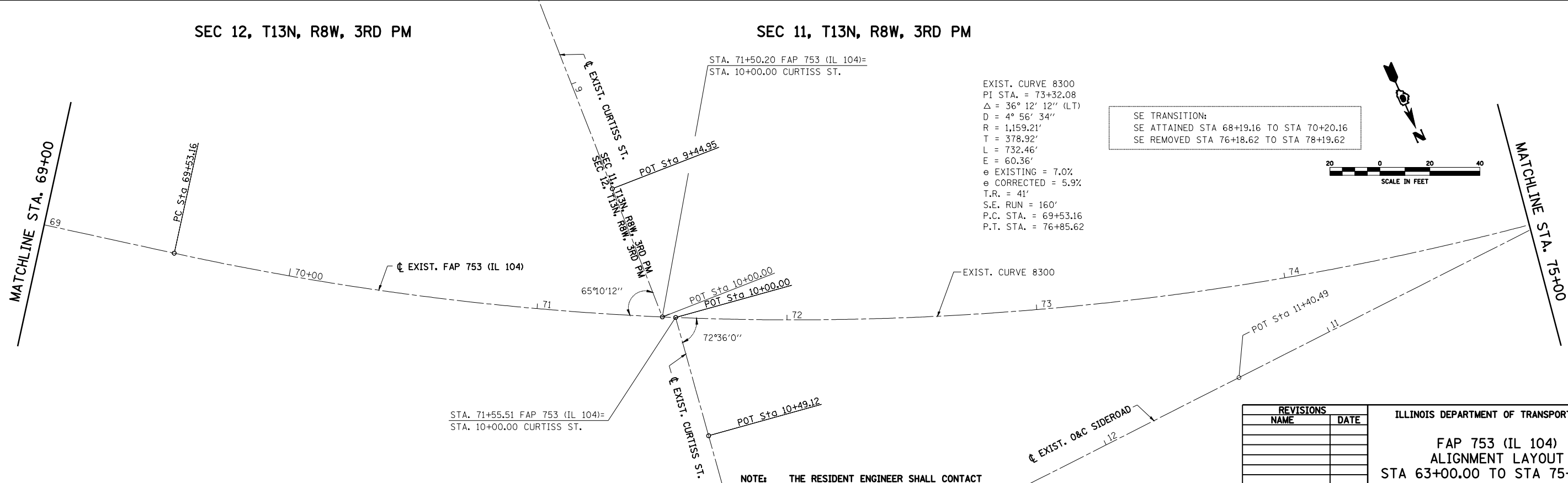


SEC 12, T13N, R8W, 3RD PM



SEC 12, T13N, R8W, 3RD PM

SEC 11, T13N, R8W, 3RD PM



EXIST. CURVE 8300
 PI STA. = 73+32.08
 $\Delta = 36^\circ 12' 12''$ (LT)
 $D = 4^\circ 56' 34''$
 $R = 1,159.21'$
 $T = 378.92'$
 $L = 732.46'$
 $E = 60.36'$
 e EXISTING = 7.0%
 e CORRECTED = 5.9%
 $T.R. = 41'$
 $S.E. RUN = 160'$
 $P.C. STA. = 69+53.16$
 $P.T. STA. = 76+85.62$

SE TRANSITION:
 SE ATTAINED STA 68+19.16 TO STA 70+20.16
 SE REMOVED STA 76+18.62 TO STA 78+19.62



STA. 71+55.51 FAP 753 (IL 104)=
 STA. 10+00.00 CURTISS ST.

NOTE: THE RESIDENT ENGINEER SHALL CONTACT DISTRICT 6 SURVEYS PRIOR TO USING ANY LAYOUT OR BENCHMARK INFORMATION TO VERIFY ITS ACCURACY.

REVISIONS	
NAME	DATE

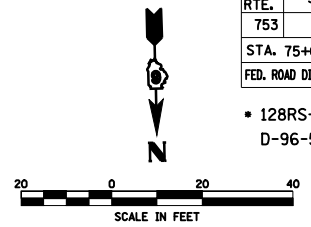
ILLINOIS DEPARTMENT OF TRANSPORTATION
FAP 753 (IL 104)
ALIGNMENT LAYOUT
STA 63+00.00 TO STA 75+00.00
 DATE NOVEMBER 2, 2007
 DRAWN BY TMJ
 CHECKED BY WHA

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	26

STA. 75+00.00	TO STA. 82+80.00
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

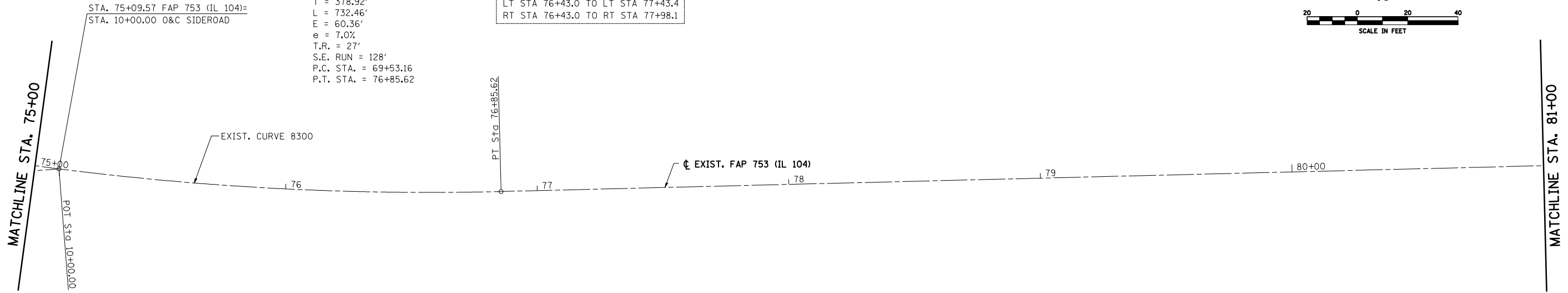
• 128RS-3; 139RS-3
D-96-547-04



SEC 11, T13N, R8W, 3RD PM

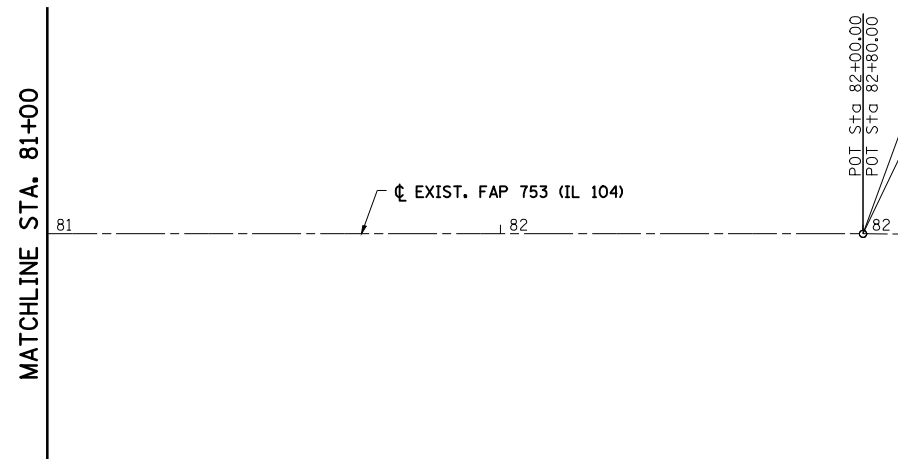
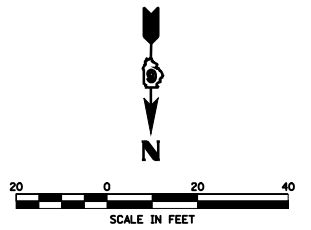
EXIST. CURVE 8300
PI STA. = 73+32.08
 $\Delta = 36^\circ 12' 12''$ (LT)
D = 4° 56' 34"
R = 1,159.21'
T = 378.92'
L = 732.46'
E = 60.36'
e = 7.0%
T.R. = 27'
S.E. RUN = 128'
P.C. STA. = 69+53.16
P.T. STA. = 76+85.62

SE TRANS:
LT STA 68+95.4 TO LT STA 69+95.8
RT STA 68+40.7 TO RT STA 69+95.8
LT STA 76+43.0 TO LT STA 77+43.4
RT STA 76+43.0 TO RT STA 77+98.1



SEC 11, T13N, R8W, 3RD PM

STA. EQUATION
POT STA. 82+80.00 (BK)-
POT STA. 82+00.00 (AH)



NOTE: THE RESIDENT ENGINEER SHALL CONTACT DISTRICT 6 SURVEYS PRIOR TO USING ANY LAYOUT OR BENCHMARK INFORMATION TO VERIFY ITS ACCURACY.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

FAP 753 (IL 104)
ALIGNMENT LAYOUT
STA 75+00.00 TO STA 82+80.00

DATE NOVEMBER 2, 2007
DRAWN BY TMJ
CHECKED BY WHA

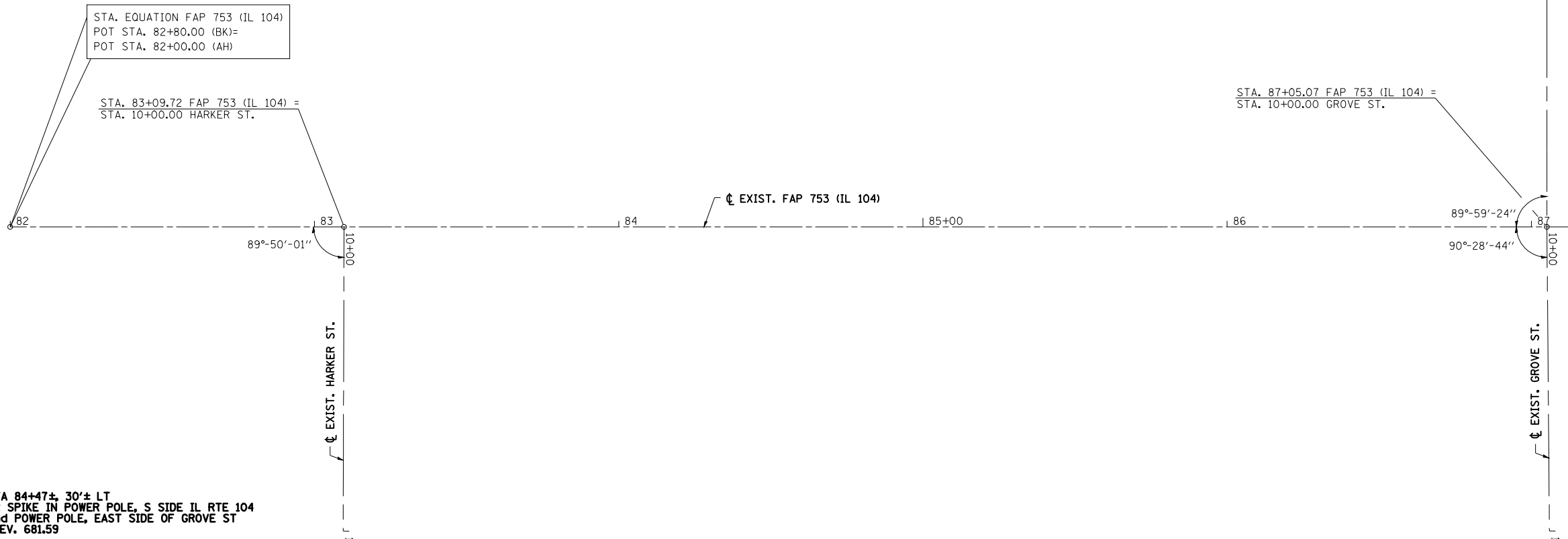
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	27

STA. 82+00.00 TO STA. 94+00.00
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

• 128RS-3; 139RS-3
 D-96-547-04



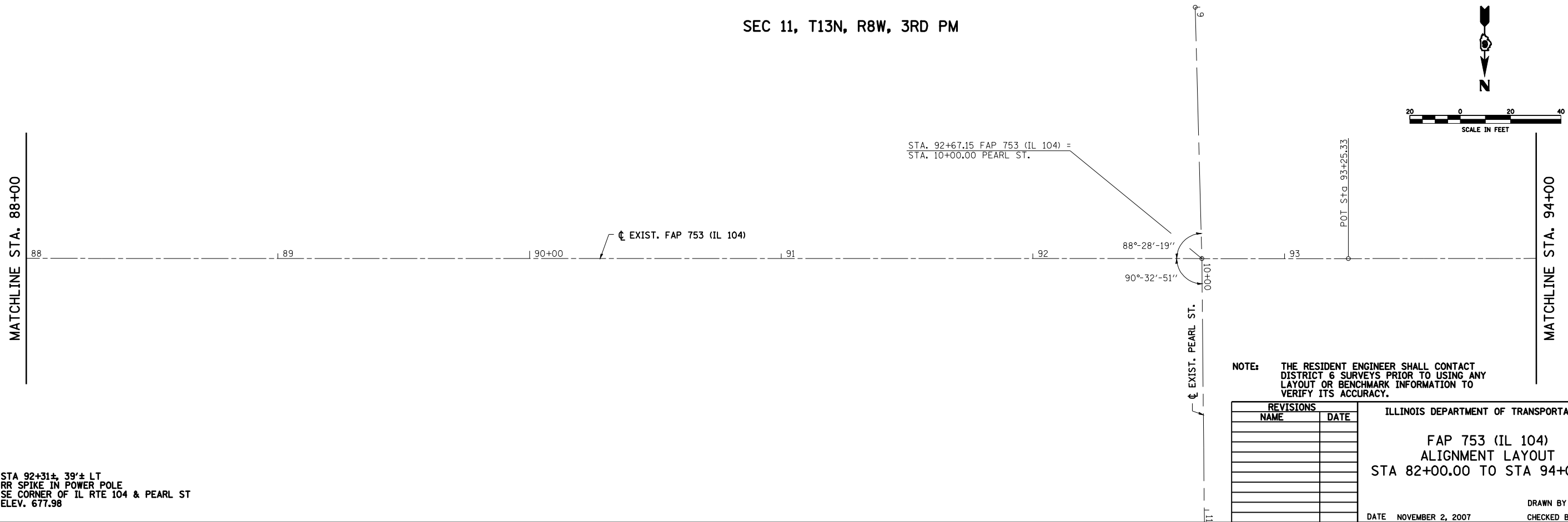
SEC 11, T13N, R8W, 3RD PM



BM #9: STA 84+47±, 30'± LT
 RR SPIKE IN POWER POLE, S SIDE IL RTE 104
 2nd POWER POLE, EAST SIDE OF GROVE ST
 ELEV. 681.59

BM #8: STA 87+32±, 41'± RT
 CHISELED "□" ON HEADWALL OF 12" CMP
 NW CORNER OF IL RTE 104 & GROVE ST
 ELEV. 681.00

SEC 11, T13N, R8W, 3RD PM



BM #5: STA 92+31±, 39'± LT
 RR SPIKE IN POWER POLE
 SE CORNER OF IL RTE 104 & PEARL ST
 ELEV. 677.98

NOTE: THE RESIDENT ENGINEER SHALL CONTACT DISTRICT 6 SURVEYS PRIOR TO USING ANY LAYOUT OR BENCHMARK INFORMATION TO VERIFY ITS ACCURACY.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAP 753 (IL 104)
 ALIGNMENT LAYOUT
 STA 82+00.00 TO STA 94+00.00

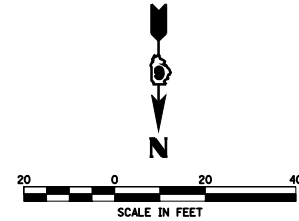
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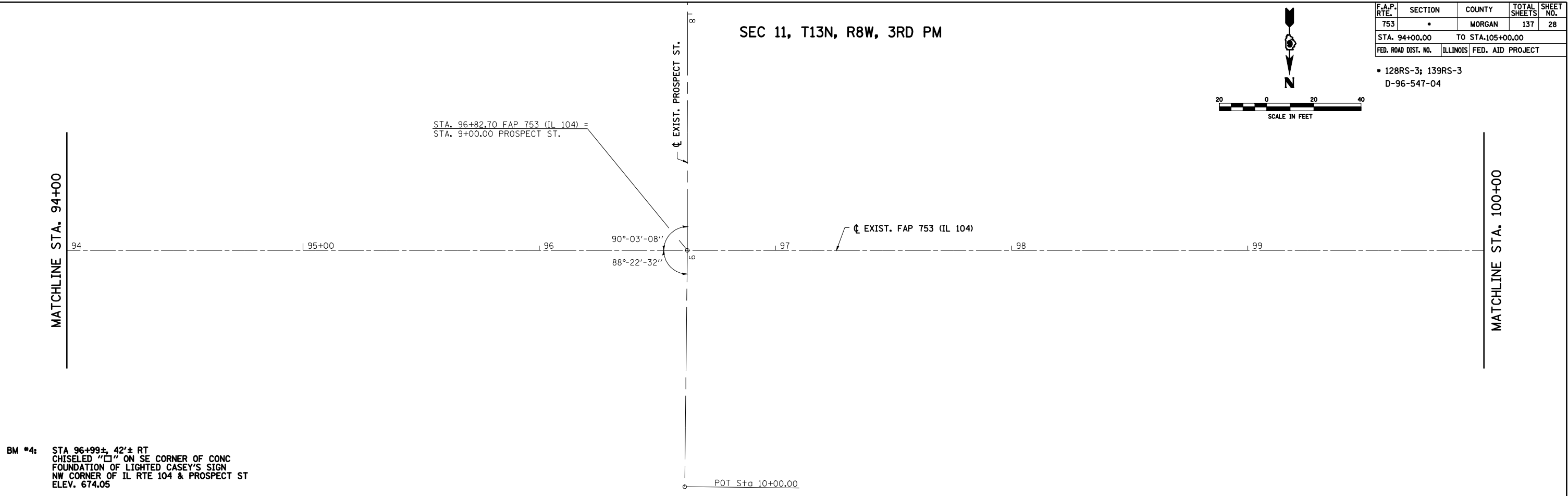
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	28

STA. 94+00.00	TO STA. 105+00.00
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

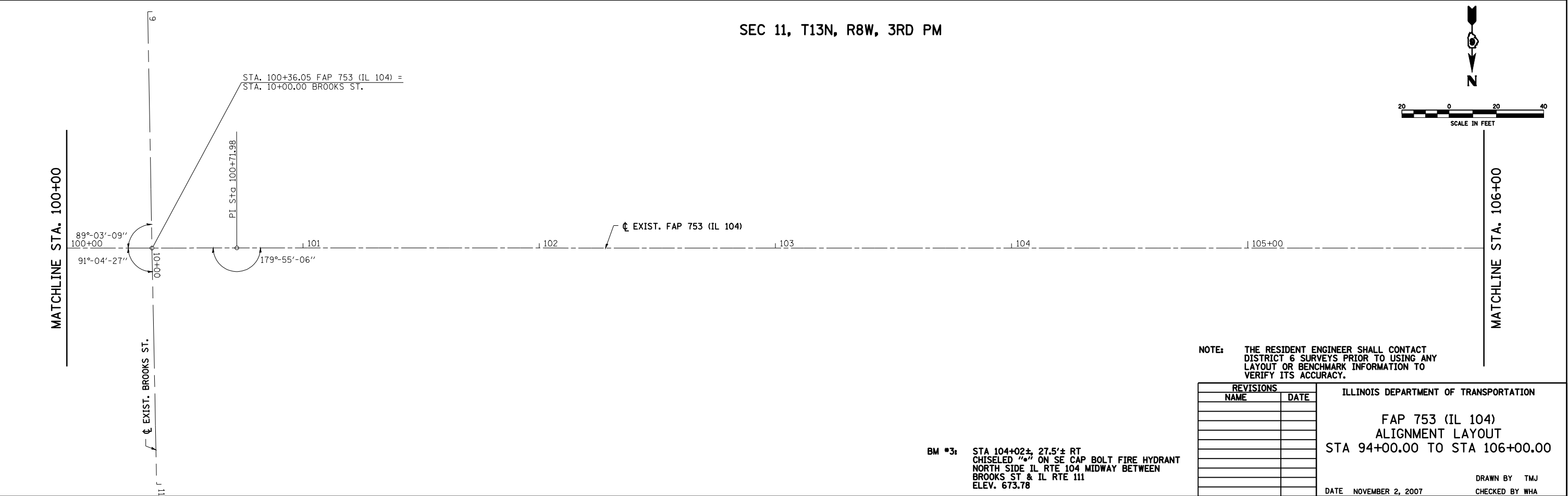
- 128RS-3; 139RS-3
- D-96-547-04



SEC 11, T13N, R8W, 3RD PM



SEC 11, T13N, R8W, 3RD PM



NOTE: THE RESIDENT ENGINEER SHALL CONTACT DISTRICT 6 SURVEYS PRIOR TO USING ANY LAYOUT OR BENCHMARK INFORMATION TO VERIFY ITS ACCURACY.

REVISIONS	
NAME	DATE

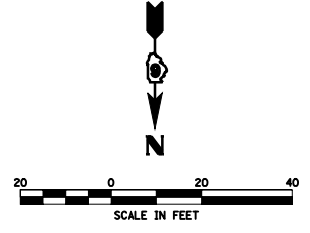
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAP 753 (IL 104)
 ALIGNMENT LAYOUT
 STA 94+00.00 TO STA 106+00.00
 DRAWN BY TMJ
 CHECKED BY WHA
 DATE NOVEMBER 2, 2007

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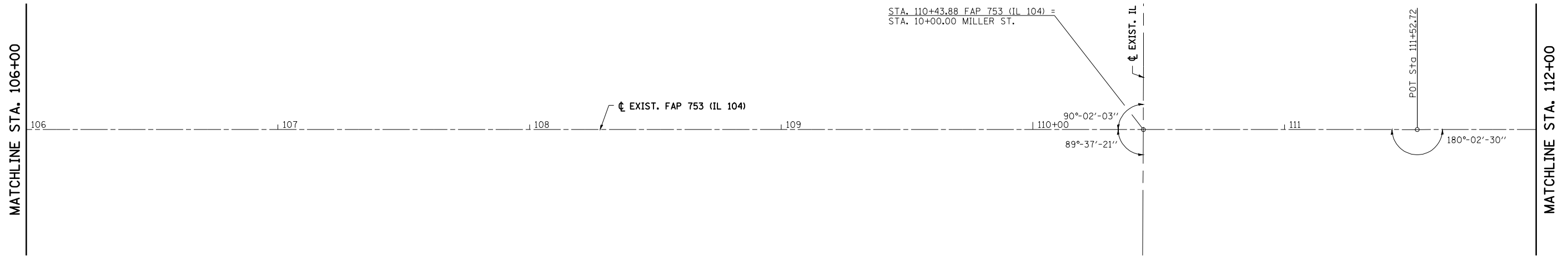
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	29

STA. 106+00.00	TO STA. 117+00.00
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

• 128RS-3; 139RS-3
D-96-547-04

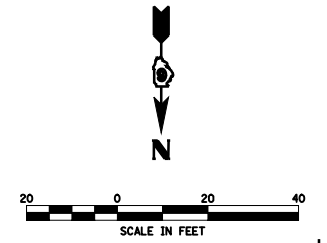
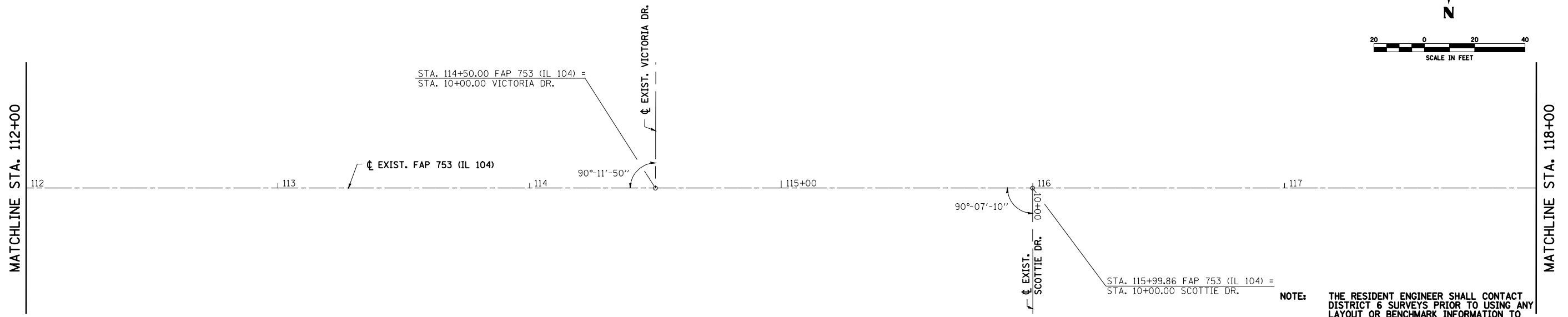


SEC 11, T13N, R8W, 3RD PM



BM #2: STA 110+21±, 40.5'± RT
CHISELED "6" ON SE CAP BOLT FIRE HYDRANT
NE CORNER IL RTE 104 & IL RTE 111
ELEV. 670.64

SEC 11, T13N, R8W, 3RD PM



NOTE: THE RESIDENT ENGINEER SHALL CONTACT DISTRICT 6 SURVEYS PRIOR TO USING ANY LAYOUT OR BENCHMARK INFORMATION TO VERIFY ITS ACCURACY.

BM #1: STA 115+75±, 33'± RT
CHISELED "6" ON SE CAP BOLT FIRE HYDRANT
NE CORNER ENTRANCE TO OLD HIGH SCHOOL
(NOW MIDDLE SCHOOL), ±500' WEST OF IL RTE 111
ELEV. 669.78

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

FAP 753 (IL 104)
ALIGNMENT LAYOUT
STA 106+00.00 TO STA 118+00.00

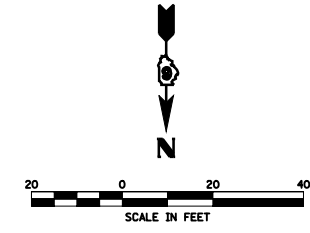
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CHECKED BY WHA
DATE NOVEMBER 2, 2007

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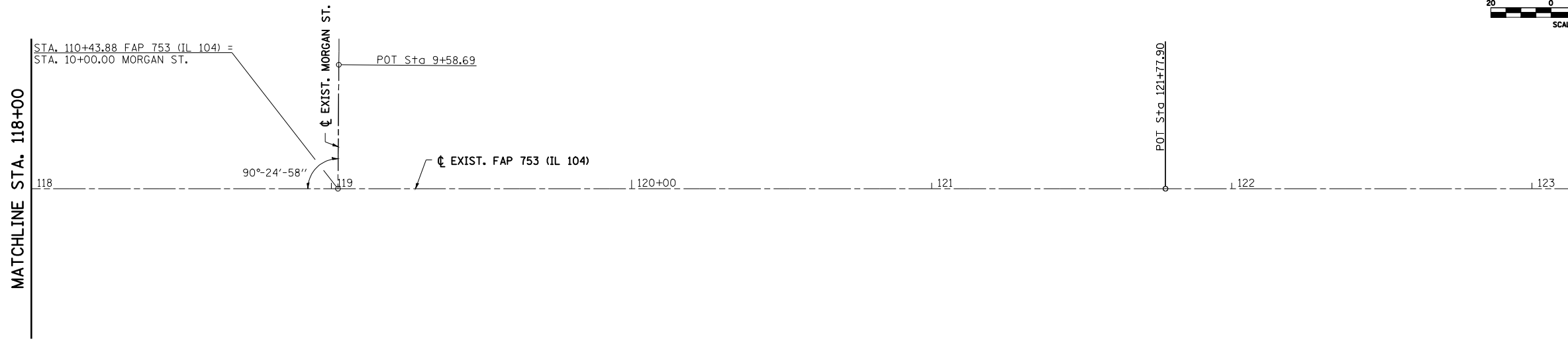
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	30

STA. 117+00.00	TO STA. 129+00.00
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

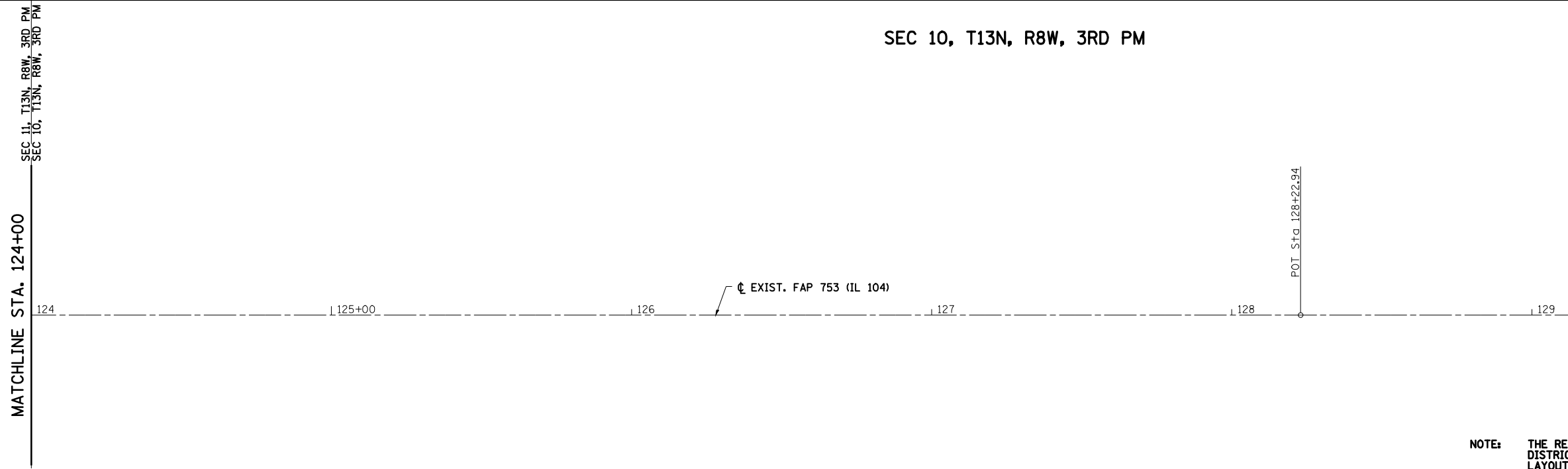
- 128RS-3; 139RS-3
D-96-547-04



SEC 11, T13N, R8W, 3RD PM



SEC 10, T13N, R8W, 3RD PM



NOTE: THE RESIDENT ENGINEER SHALL CONTACT DISTRICT 6 SURVEYS PRIOR TO USING ANY LAYOUT OR BENCHMARK INFORMATION TO VERIFY ITS ACCURACY.

REVISIONS	
NAME	DATE

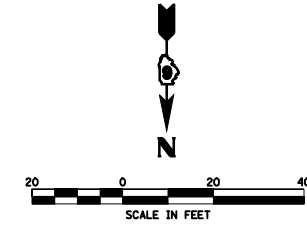
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAP 753 (IL 104)
 ALIGNMENT LAYOUT
 STA 118+00.00 TO STA 130+00.00
 DRAWN BY TMJ
 CHECKED BY WHA
 DATE NOVEMBER 2, 2007

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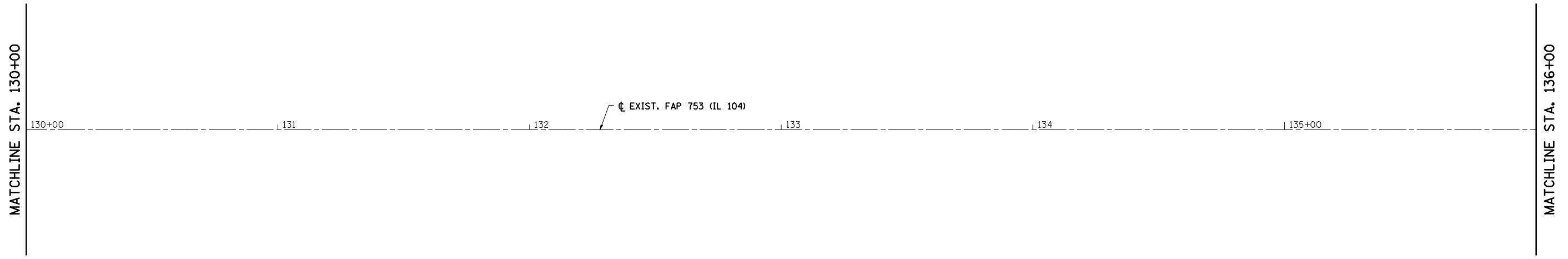
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	31

STA. 129+00.00	TO STA. 142+00.00
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

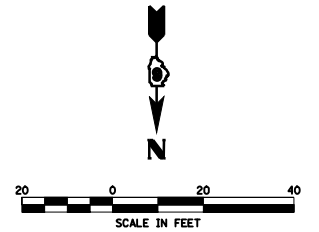
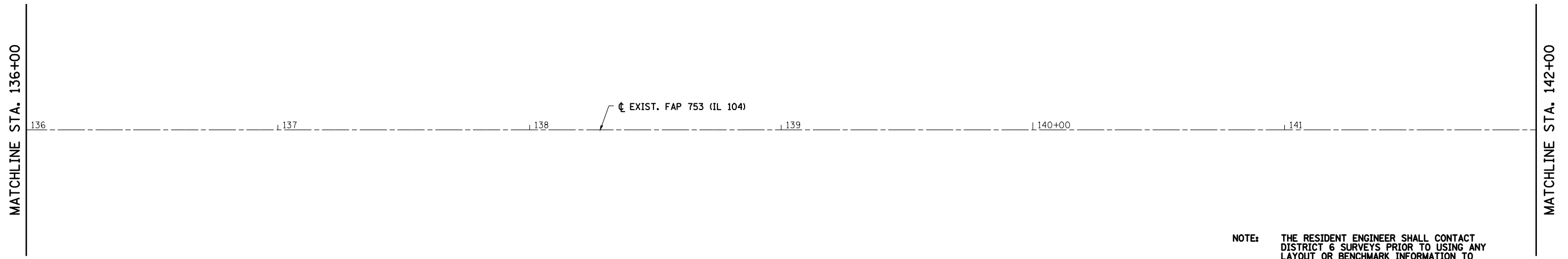
• 128RS-3; 139RS-3
D-96-547-04



SEC 10, T13N, R8W, 3RD PM



SEC 10, T13N, 8W, 3RD PM



NOTE: THE RESIDENT ENGINEER SHALL CONTACT DISTRICT 6 SURVEYS PRIOR TO USING ANY LAYOUT OR BENCHMARK INFORMATION TO VERIFY ITS ACCURACY.

REVISIONS	
NAME	DATE

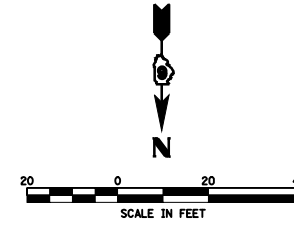
ILLINOIS DEPARTMENT OF TRANSPORTATION
FAP 753 (IL 104)
ALIGNMENT LAYOUT
STA 130+00.00 TO STA 142+00.00

DATE NOVEMBER 2, 2007
DRAWN BY TMJ
CHECKED BY WHA

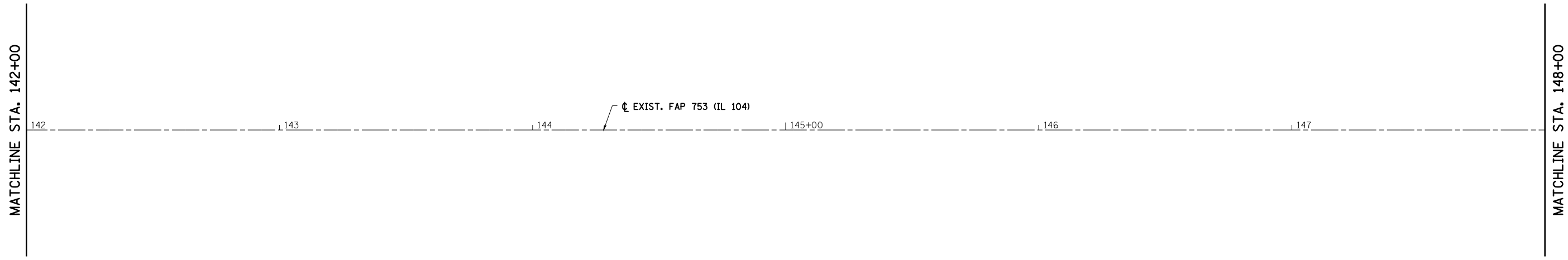
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	32

STA. 142+00.00	TO STA. 152+50.30
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

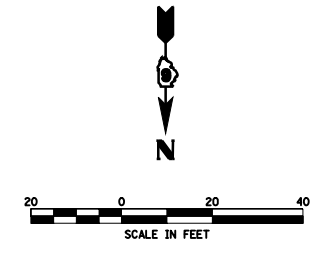
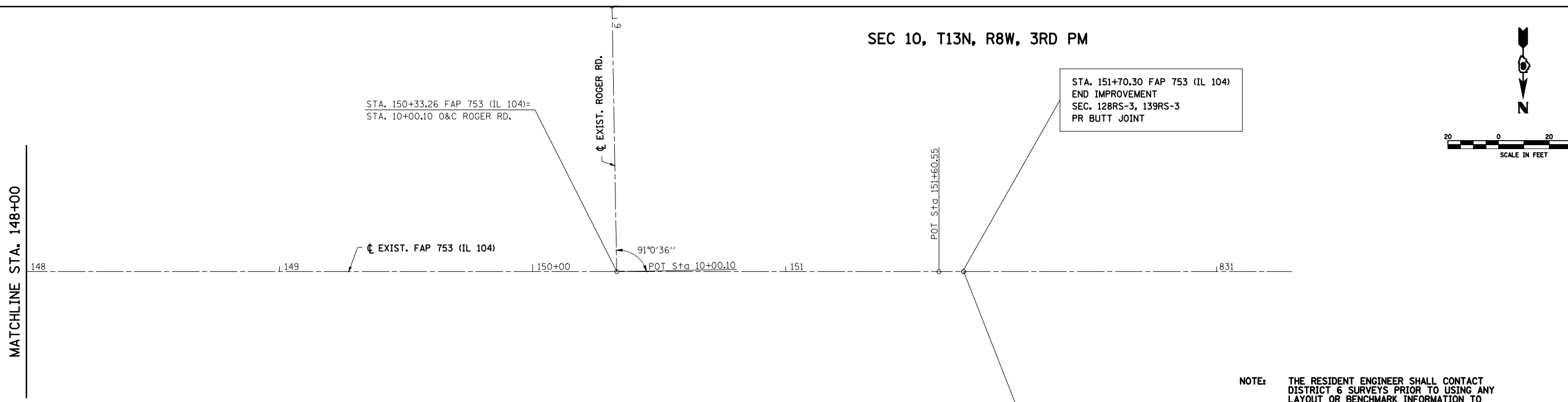
- 128RS-3; 139RS-3
- D-96-547-04



SEC 10, T13N, R8W, 3RD PM



SEC 10, T13N, R8W, 3RD PM



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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

FAP 753 (IL 104)
ALIGNMENT LAYOUT
STA 142+00.00 TO STA 152+50.30

DATE NOVEMBER 2, 2007

DRAWN BY TMJ
CHECKED BY WHA

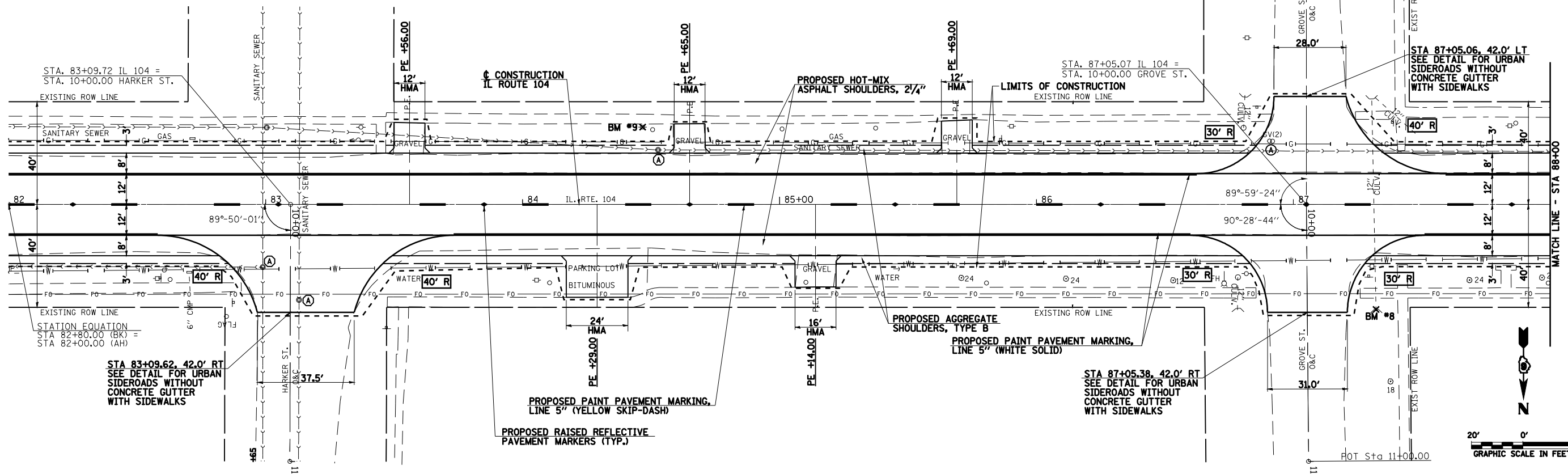
SEC 11, T13N, R8W, 3RD PM

NOTE: STA 40+44.59 FAP 753 (IL 104) BEGIN IMPROVEMENT SEE ALIGNMENT LAYOUT

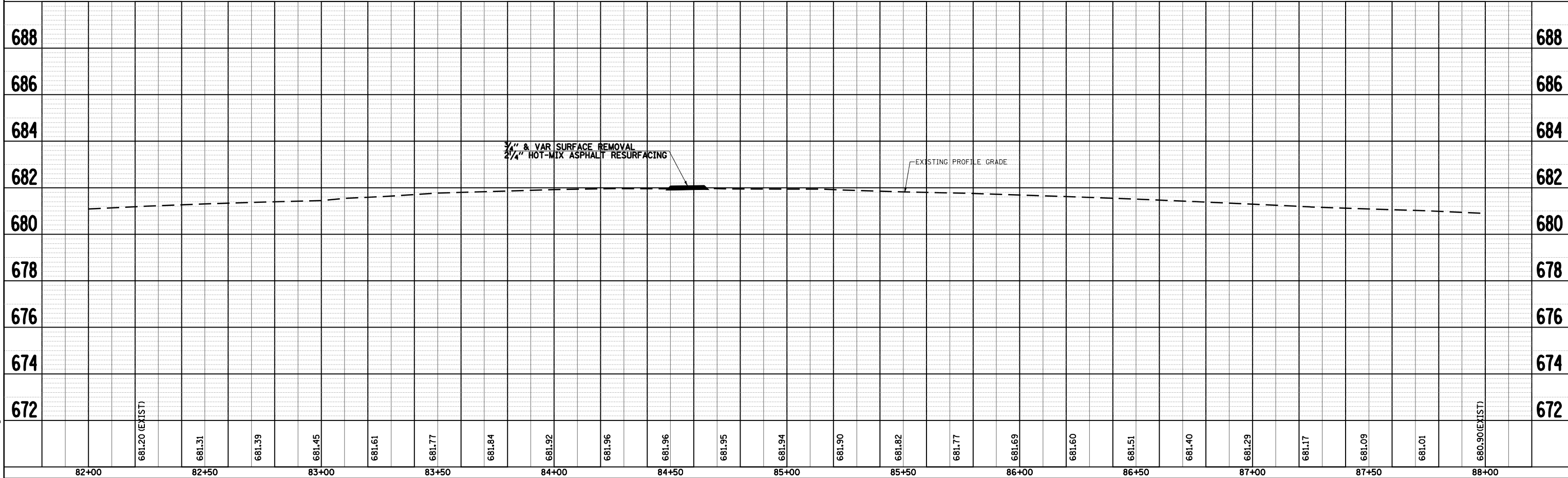
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753		MORGAN	137	33

STA. 82+00 TO STA. 88+00
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 * 128RS-3, 139RS-3

PLAN	DATE	BY
DATE		
BY		
DATE		
BY		
DATE		
BY		



PROFILE	DATE	BY
DATE		
BY		
DATE		
BY		
DATE		
BY		



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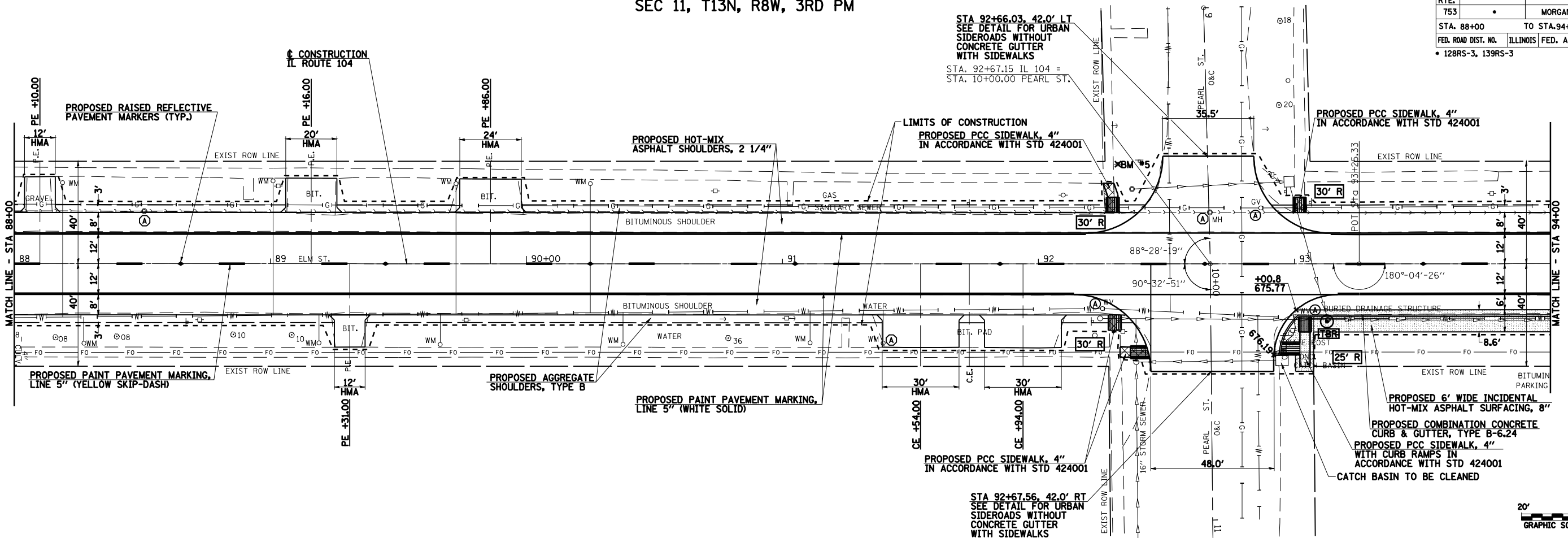
IL ROUTE 104 PLAN & PROFILE, STA 82+00 TO STA 88+00

SEC 11, T13N, R8W, 3RD PM

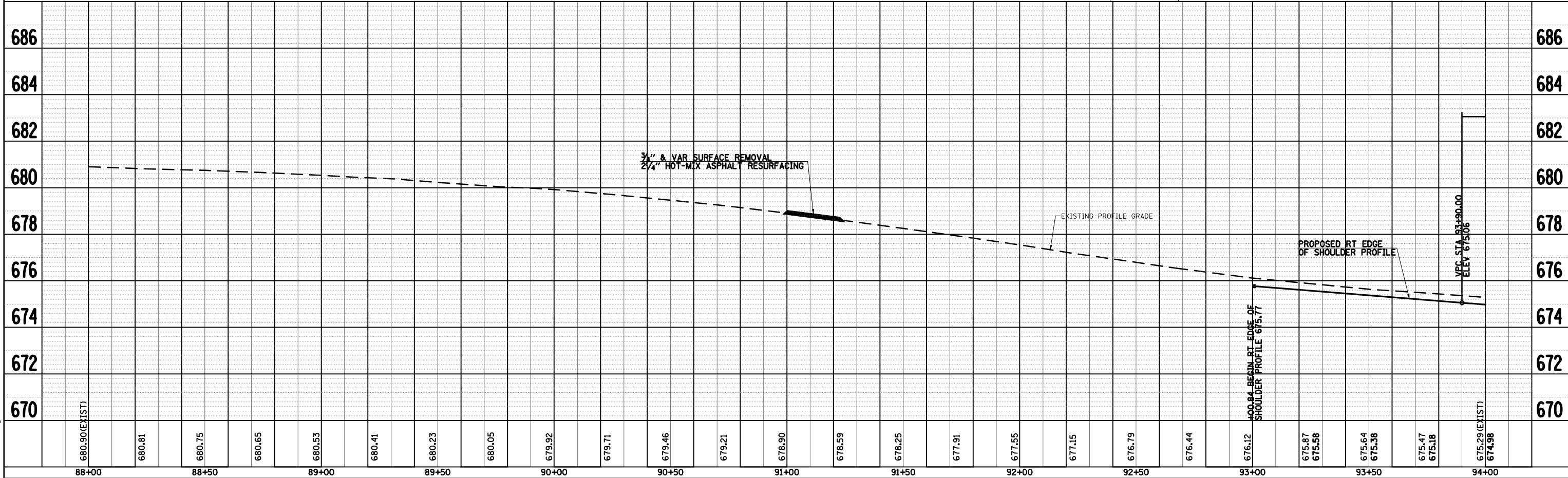
CONTRACT NO. 72923

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753		MORGAN	137	34
STA. 88+00		TO STA. 94+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		• 128RS-3, 139RS-3		

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NO. OF WAY CHECKED		
	CADD FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NOTE: 6.5.1		
	STRUCTURE NOTATION CHKD		

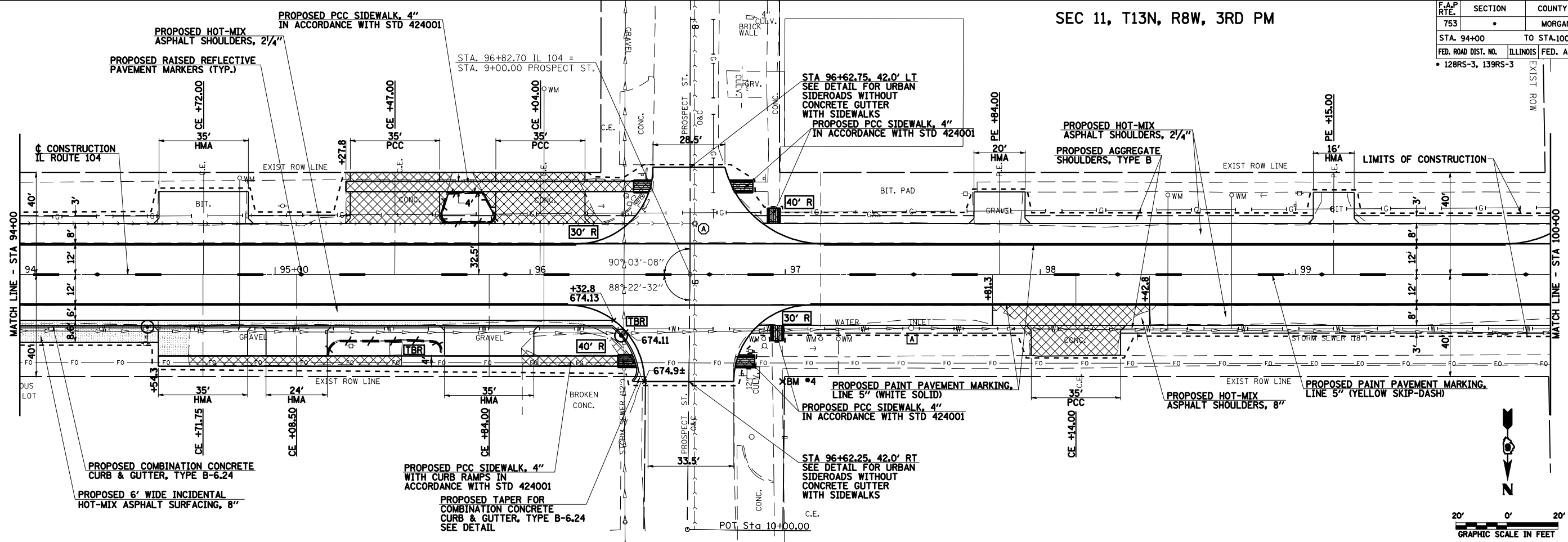


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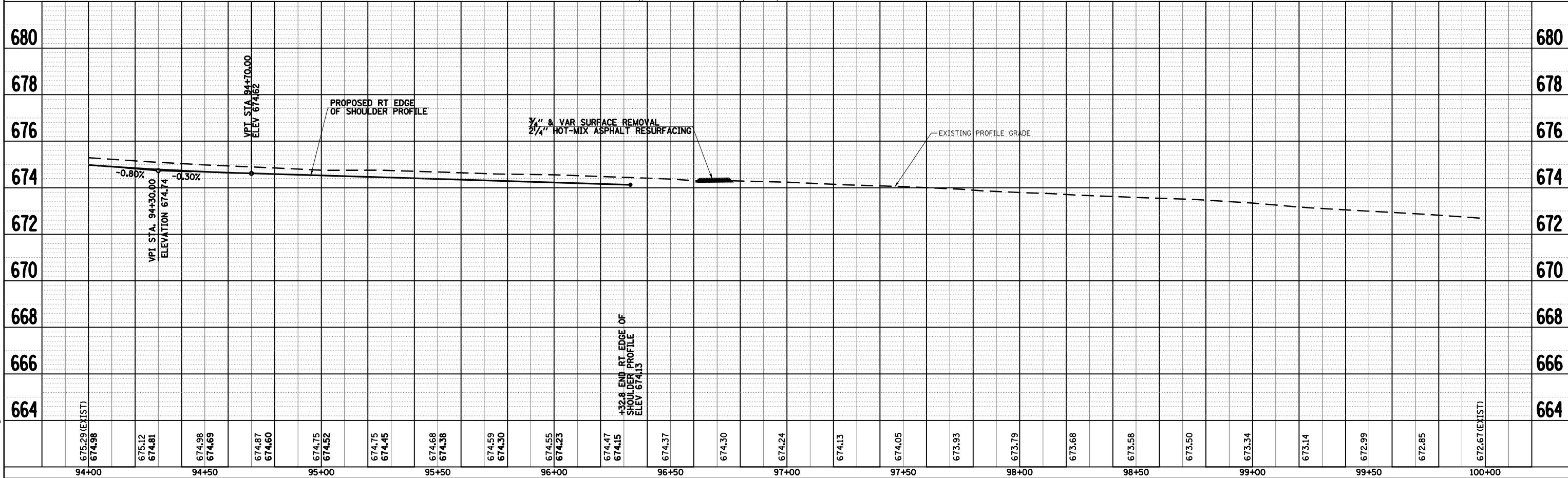
IL ROUTE 104 PLAN & PROFILE, STA 88+00 TO STA 94+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753		MORGAN	137	35
STA. 94+00		TO STA. 100+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		• 128RS-3, 139RS-3		

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	RT. OF WAY CHECKED		
	NO. OF WAY CHECKED		
	CADD FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NOTE: 6.5.5		
	STRUCTURE NOTATIONS CHKD		



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IL ROUTE 104 PLAN & PROFILE, STA 94+00 TO STA 100+00

SEC 11, T13N, R8W, 3RD PM

CONTRACT NO. 72923

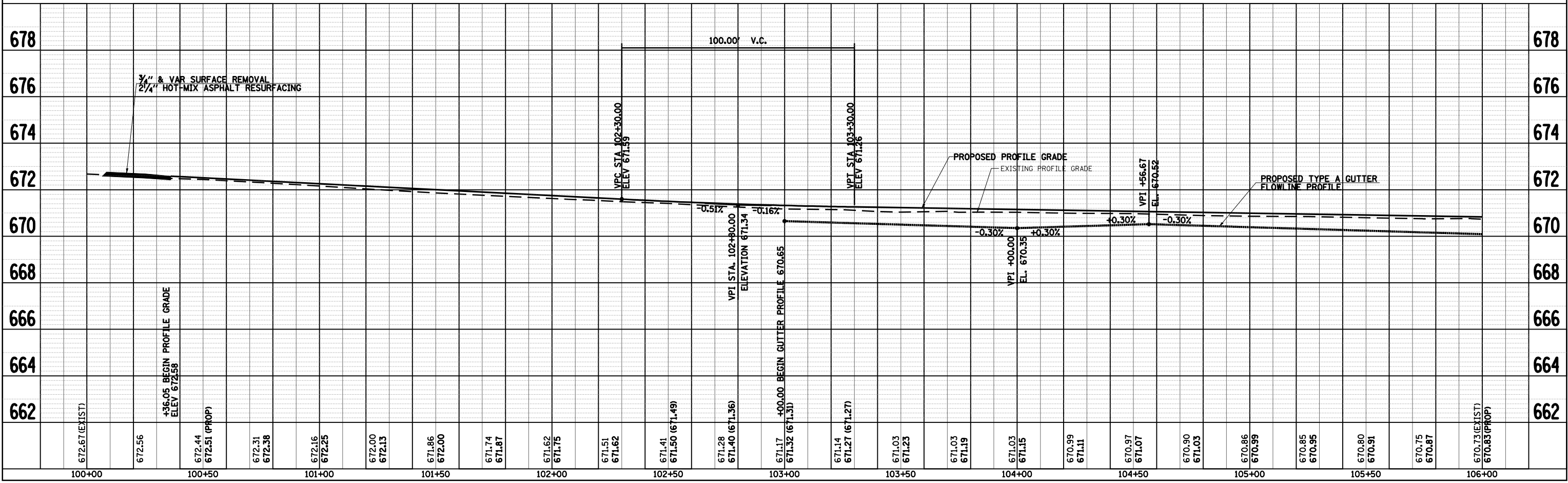
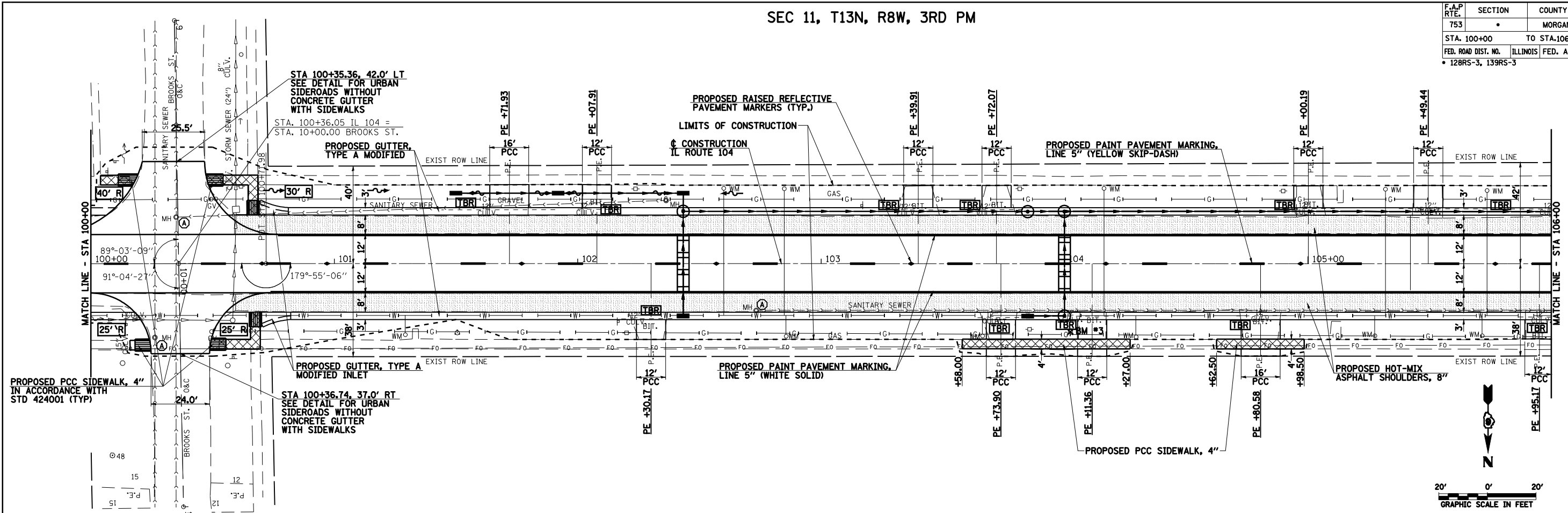
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753		MORGAN	137	36

STA. 100+00 TO STA. 106+00
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 • 128RS-3, 139RS-3

PLAN	DATE
SURVEYED	
PLOTTED	
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PROFILE	DATE
SURVEYED	
PLOTTED	
CHECKED	
BY	

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IL ROUTE 104 PLAN & PROFILE, STA 100+00 TO STA 106+00

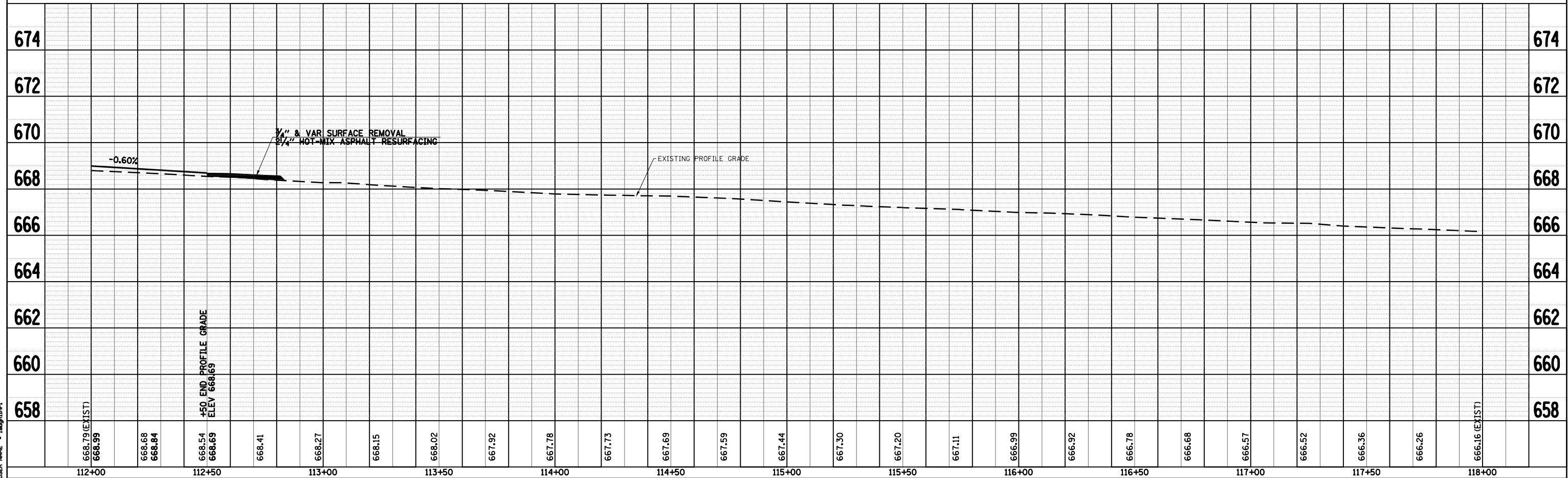
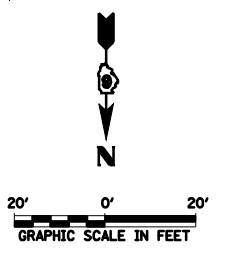
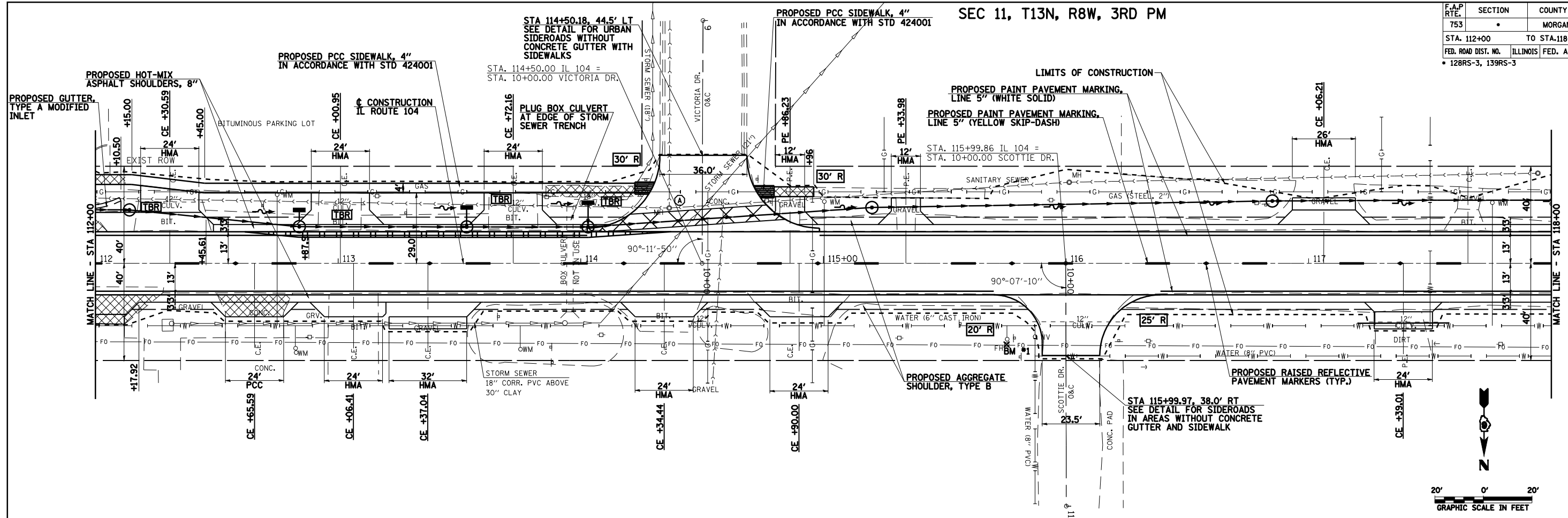
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753		MORGAN	137	38
STA. 112+00		TO STA. 118+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• 128RS-3, 139RS-3				

SEC 11, T13N, R8W, 3RD PM

PLAN	SURVEYED	BY	DATE
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	NO. OF WAY CHECKED		
	CADD FILE NAME		

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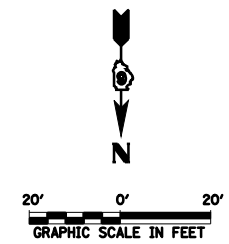
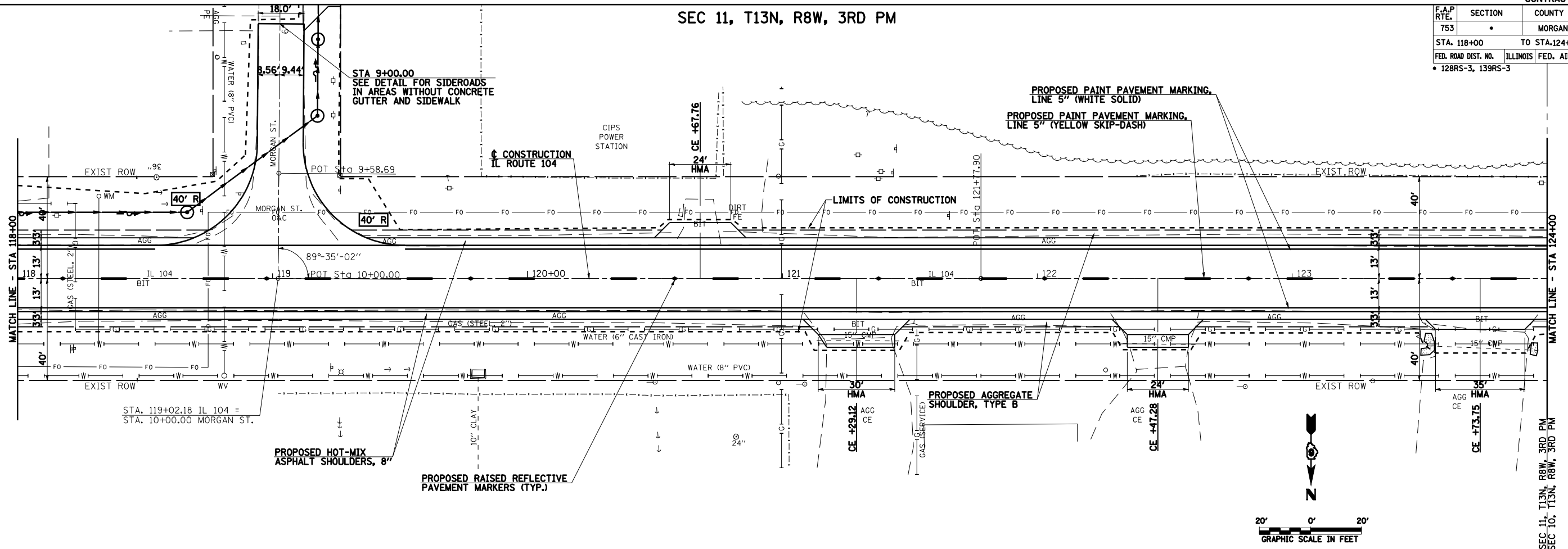


IL ROUTE 104 PLAN & PROFILE, STA 112+00 TO STA 118+00

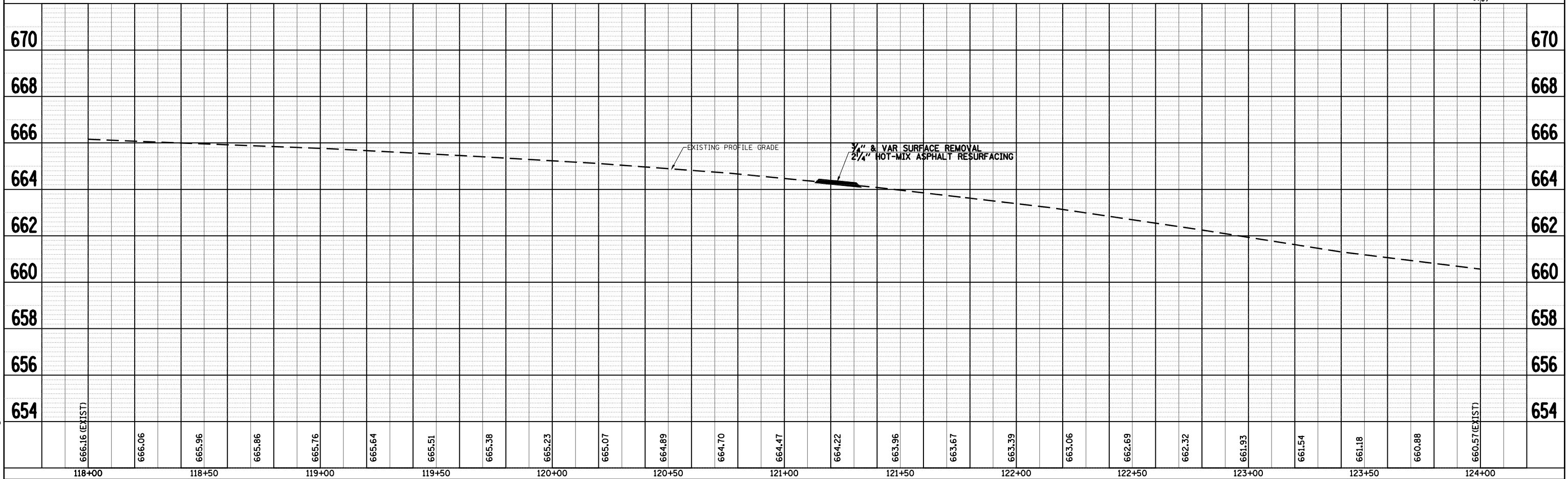
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753		MORGAN	137	39
STA. 118+00		TO STA. 124+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• 128RS-3, 139RS-3				

SEC 11, T13N, R8W, 3RD PM

PLAN	SURVEYED	BY	DATE
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NOTE BOOK	PLOTTED		
	CHKD		
	BY		
	DATE		



PROFILE	SURVEYED	BY	DATE
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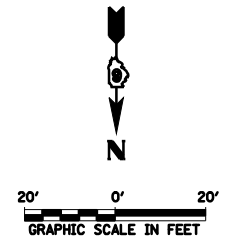
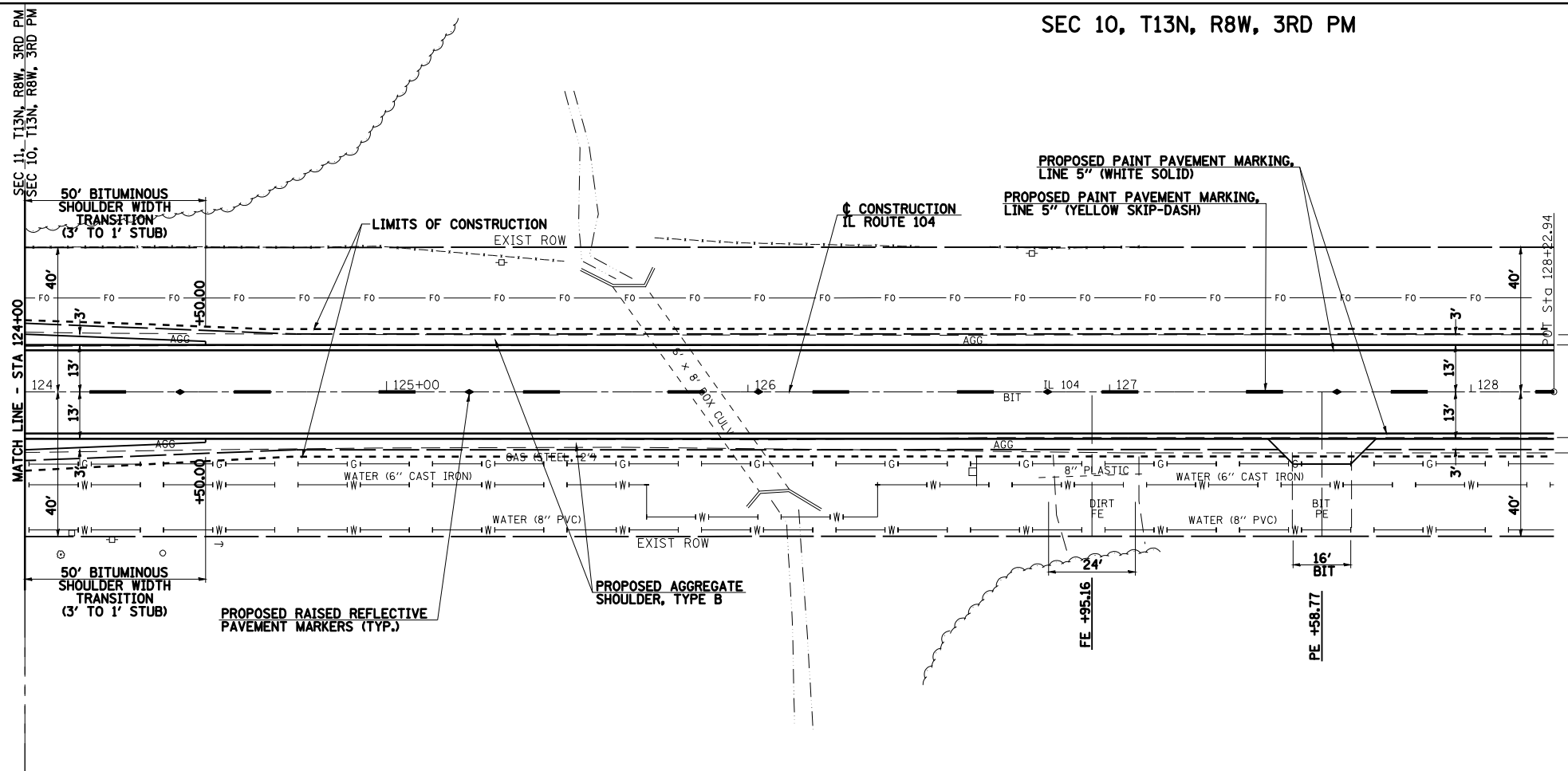
IL ROUTE 104 PLAN & PROFILE, STA 118+00 TO STA 124+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	40
STA. 124+00		TO STA.128+22.94		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* 128RS-3, 139RS-3				

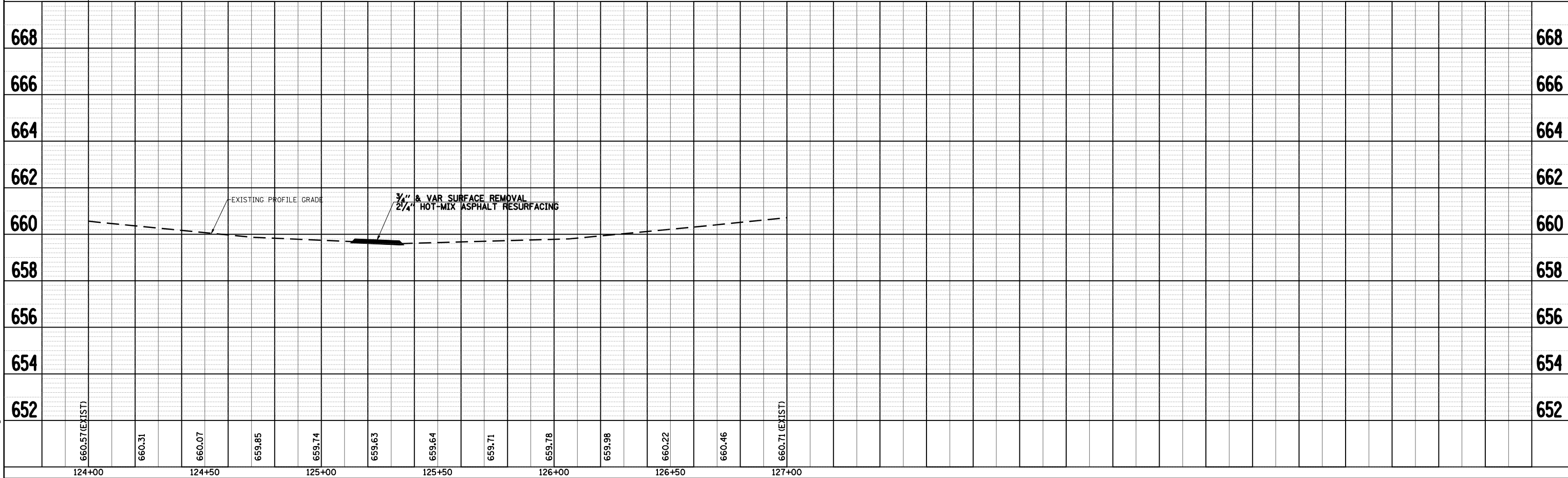
SEC 10, T13N, R8W, 3RD PM

NOTE: STA 151+50.21 FAP 753 (IL 104)
END IMPROVEMENT
SEE ALIGNMENT LAYOUT

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	CADD FILE NAME		



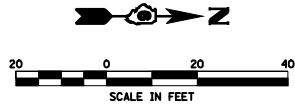
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IL ROUTE 104 PLAN & PROFILE, STA 124+00 TO STA 128+22.94

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	•	MORGAN	137	41
STA. 8+67.92		TO STA. 10+52.64		
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				
• 128RS-3, 139RS-3				

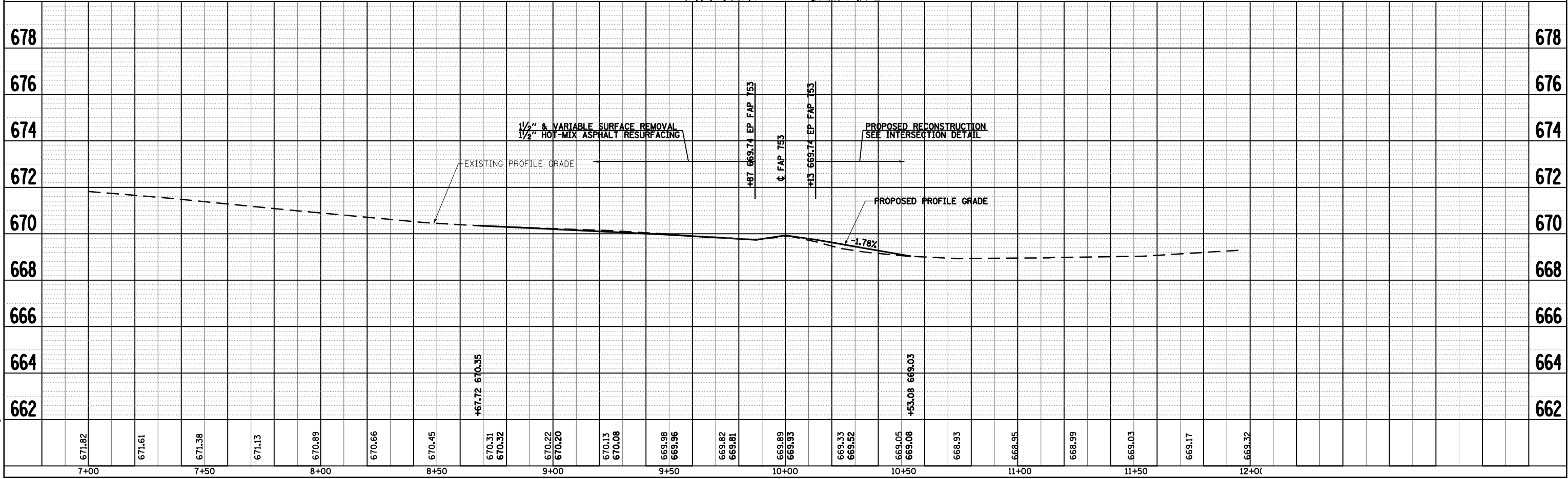
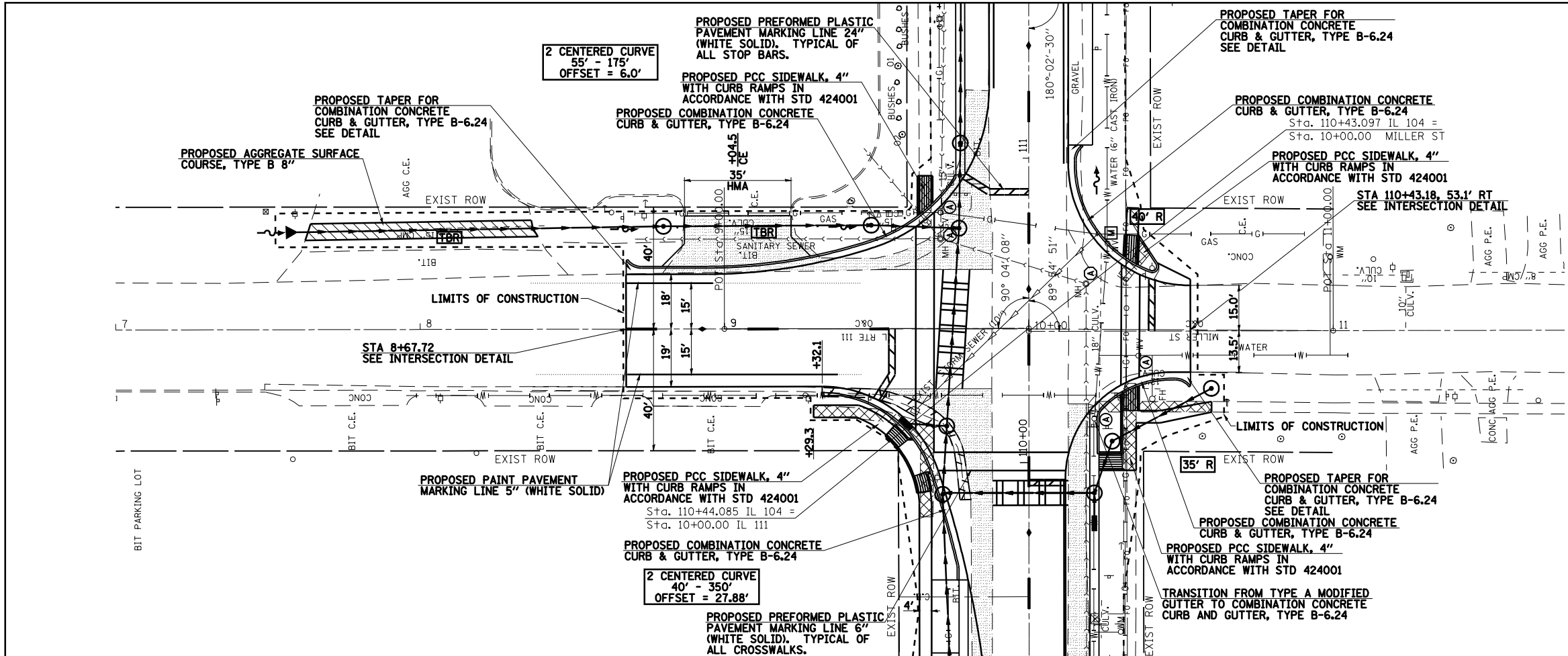


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SEC 11, T13N, R8W, 3RD PM

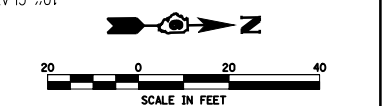


IL 111 (MILLER STREET) PLAN & PROFILE, STA 8+67.92 TO STA 10+52.64

SEC 10, T13N, R8W, 3RD PM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	42

STA. 5+04.17 TO STA.10+00.00
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 * 128RS-3, 139RS-3



PROPOSED PAINT PAVEMENT MARKING, LINE 5" (WHITE SOLID)
 PROPOSED PAINT PAVEMENT MARKING, LINE 5" (YELLOW SKIP-DASH)

STA. 119+02.18 IL 104 = STA. 10+00.00 MORGAN ST.

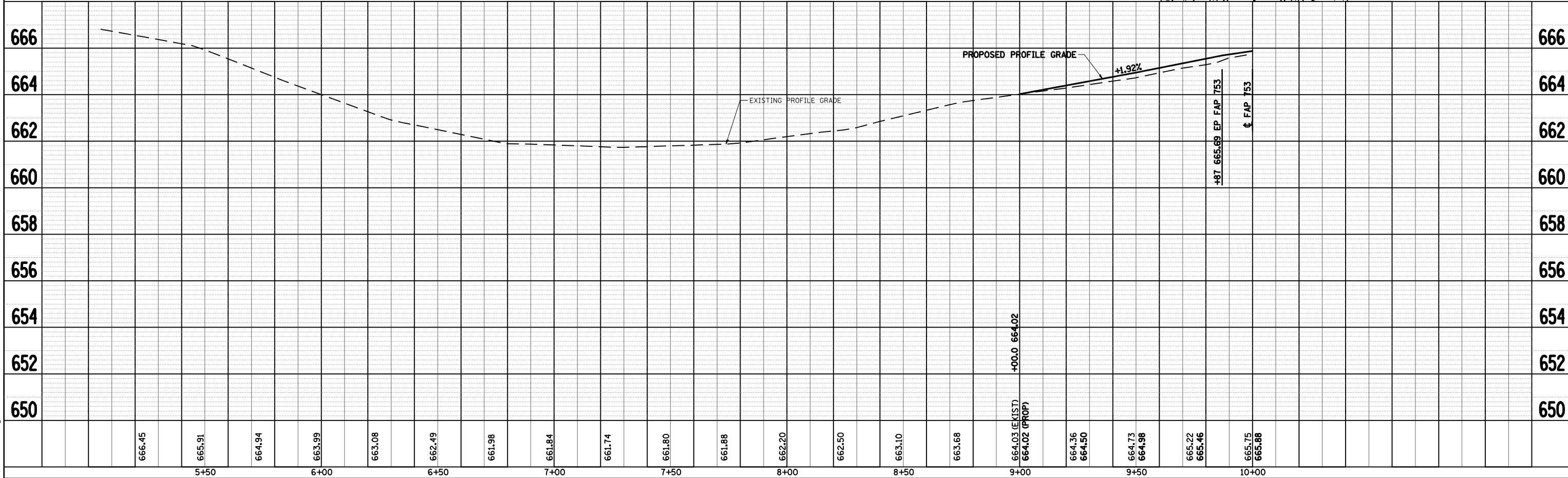
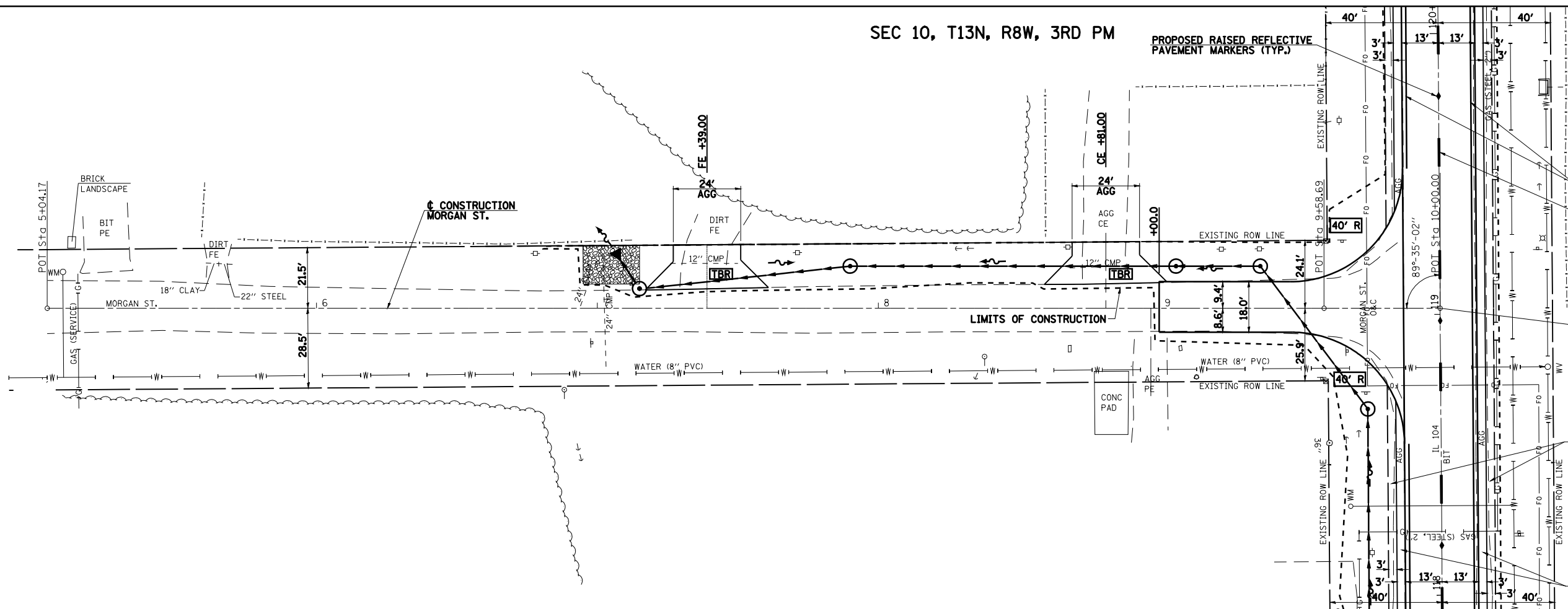
PROPOSED AGGREGATE SHOULDER, TYPE B

PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"

PLAN	SURVEYED	BY	DATE
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	DATE		
	NO.		

PROFILE	SURVEYED	BY	DATE
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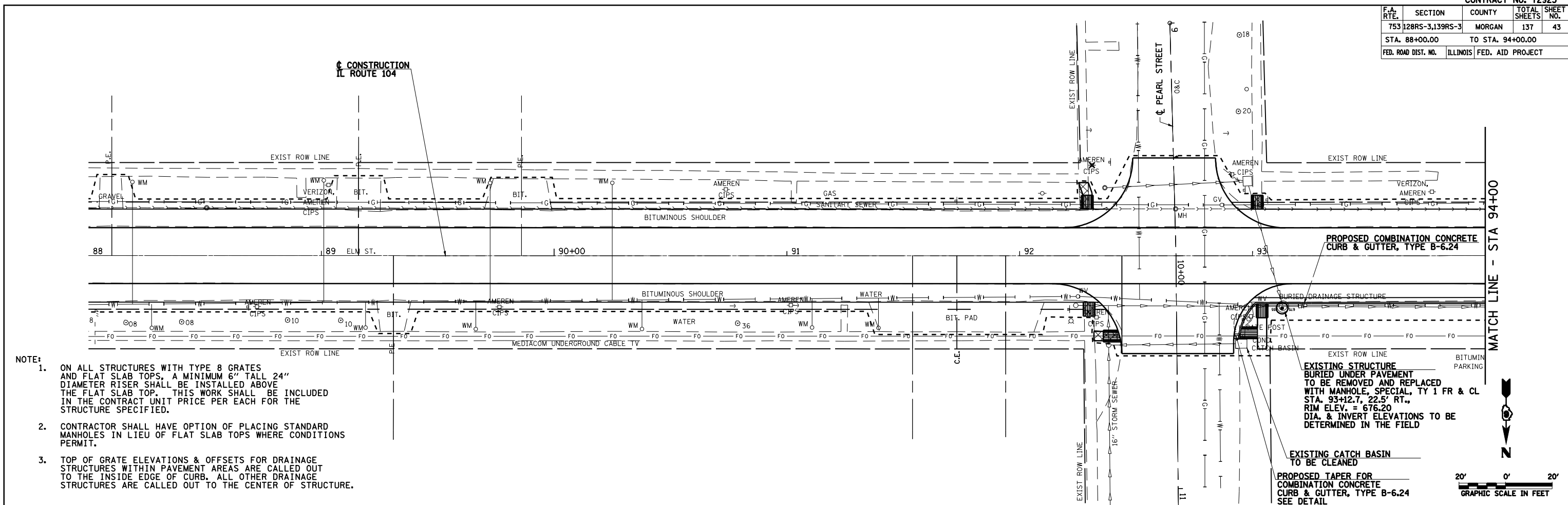
MORGAN STREET PLAN & PROFILE, STA 5+04.17 TO STA 10+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	128RS-3,139RS-3	MORGAN	137	43
STA. 88+00.00		TO STA. 94+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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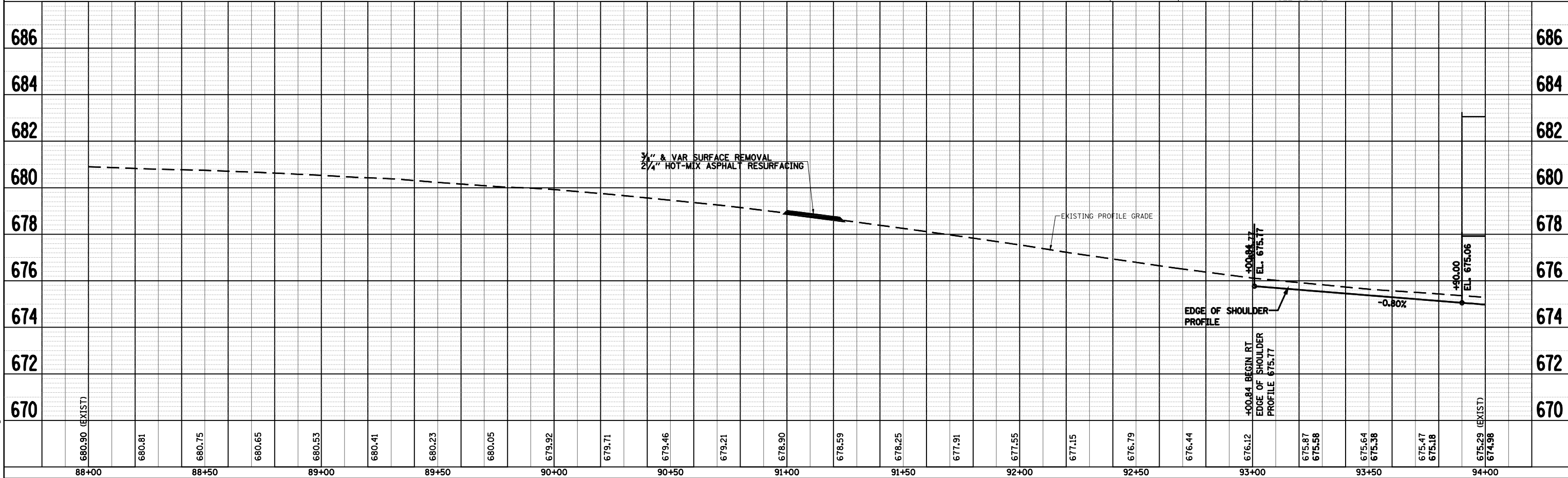
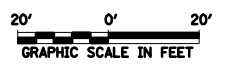


- NOTE:
- ON ALL STRUCTURES WITH TYPE 8 GRATES AND FLAT SLAB TOPS, A MINIMUM 6" TALL 24" DIAMETER RISER SHALL BE INSTALLED ABOVE THE FLAT SLAB TOP. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR THE STRUCTURE SPECIFIED.
 - CONTRACTOR SHALL HAVE OPTION OF PLACING STANDARD MANHOLES IN LIEU OF FLAT SLAB TOPS WHERE CONDITIONS PERMIT.
 - TOP OF GRATE ELEVATIONS & OFFSETS FOR DRAINAGE STRUCTURES WITHIN PAVEMENT AREAS ARE CALLED OUT TO THE INSIDE EDGE OF CURB. ALL OTHER DRAINAGE STRUCTURES ARE CALLED OUT TO THE CENTER OF STRUCTURE.

EXISTING STRUCTURE BURIED UNDER PAVEMENT TO BE REMOVED AND REPLACED WITH MANHOLE, SPECIAL, TY 1 FR & CL STA. 93+12.7, 22.5' RT., RIM ELEV. = 676.20 DIA. & INVERT ELEVATIONS TO BE DETERMINED IN THE FIELD

EXISTING CATCH BASIN TO BE CLEANED

PROPOSED TAPER FOR COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 SEE DETAIL



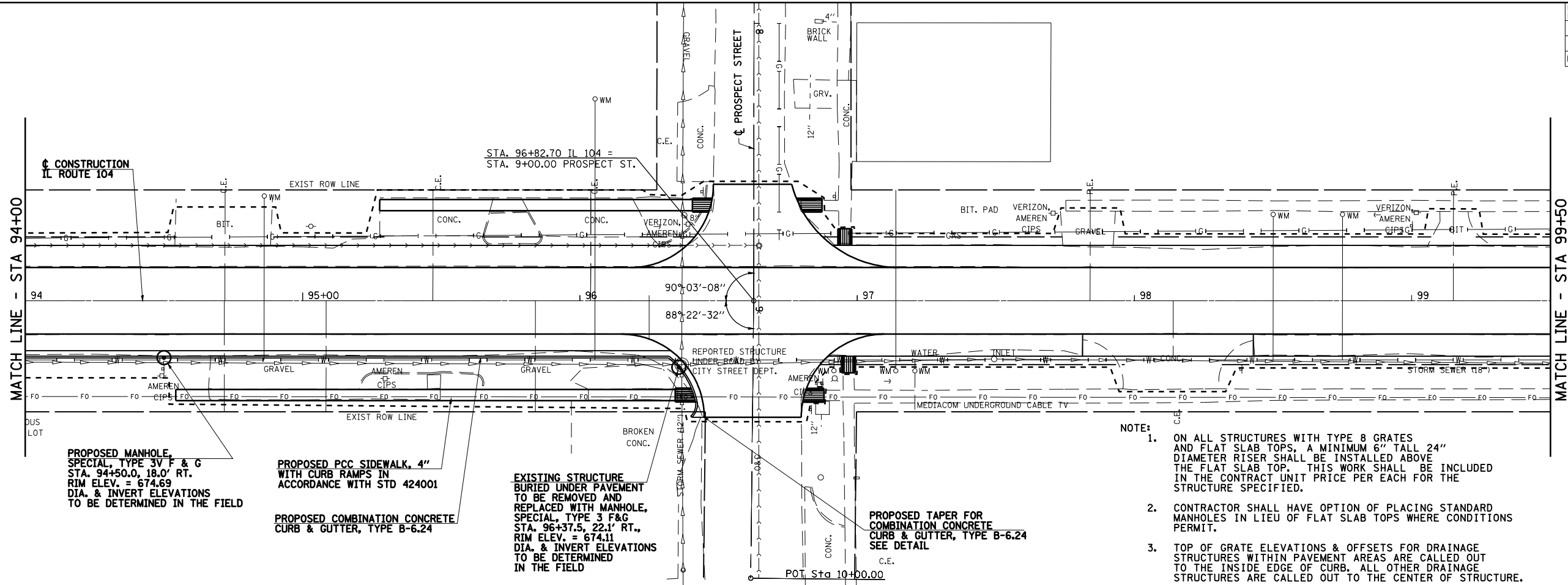
IL ROUTE 104 DRAINAGE PLAN & PROFILE, STA 88+00 TO STA 94+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	128RS-3,139RS-3	MORGAN	137	44
STA. 94+00.00		TO STA. 100+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

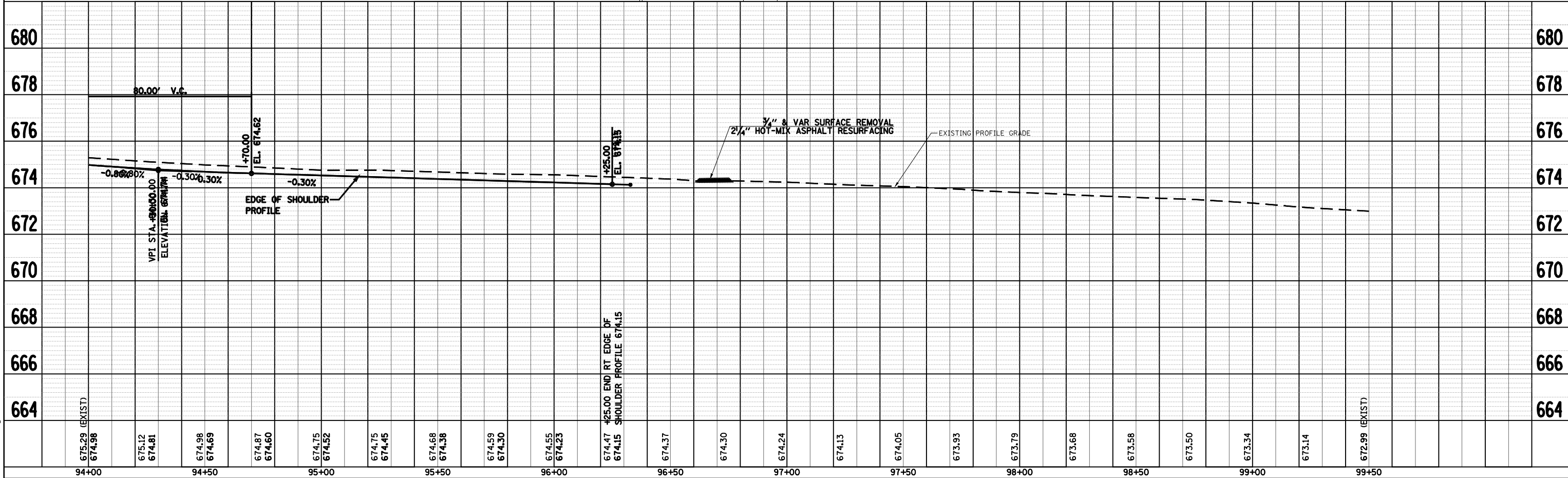
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PROFILE	DATE
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- NOTE:
- ON ALL STRUCTURES WITH TYPE 8 GRATES AND FLAT SLAB TOPS, A MINIMUM 6" TALL 24" DIAMETER RISER SHALL BE INSTALLED ABOVE THE FLAT SLAB TOP. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR THE STRUCTURE SPECIFIED.
 - CONTRACTOR SHALL HAVE OPTION OF PLACING STANDARD MANHOLES IN LIEU OF FLAT SLAB TOPS WHERE CONDITIONS PERMIT.
 - TOP OF GRATE ELEVATIONS & OFFSETS FOR DRAINAGE STRUCTURES WITHIN PAVEMENT AREAS ARE CALLED OUT TO THE INSIDE EDGE OF CURB. ALL OTHER DRAINAGE STRUCTURES ARE CALLED OUT TO THE CENTER OF STRUCTURE.



IL ROUTE 104 DRAINAGE PLAN & PROFILE, STA 94+00 TO STA 99+50

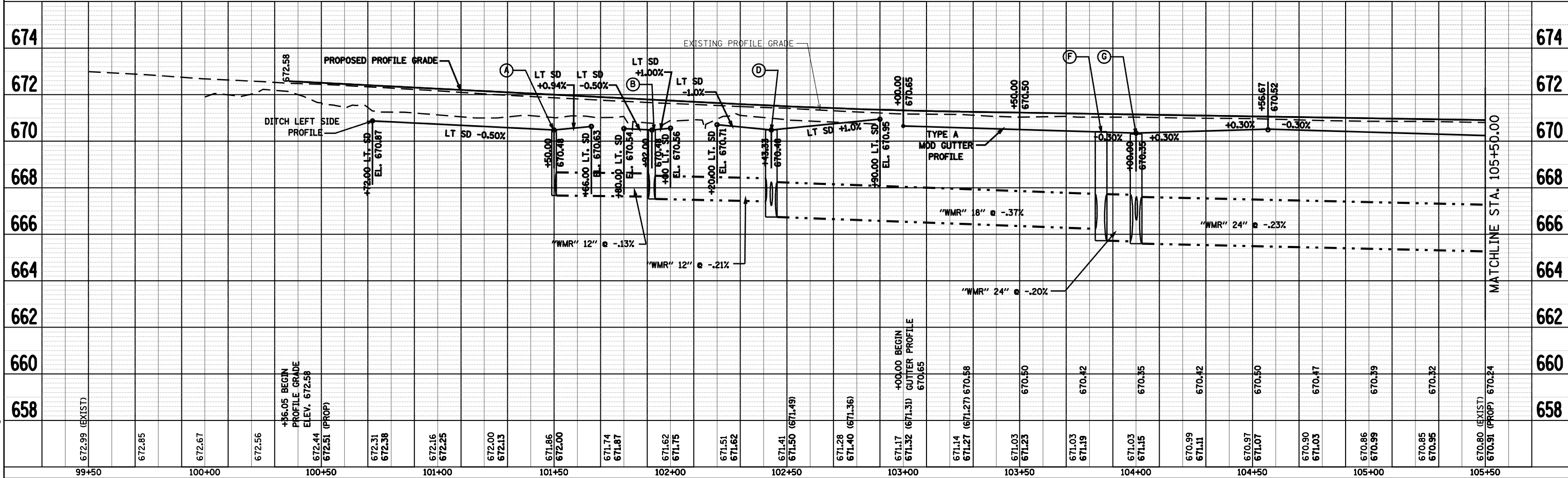
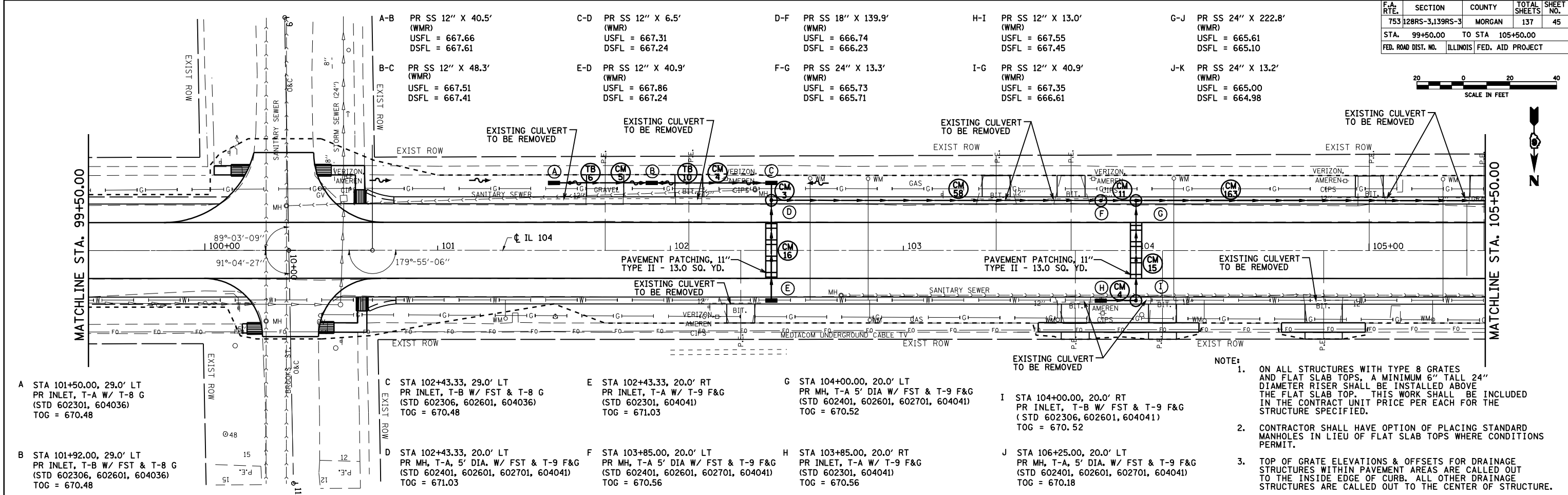
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	128RS-3,139RS-3	MORGAN	137	45
STA. 99+50.00		TO STA 105+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



DATE	BY	REVISION
		1. SURVEYED
		2. PLOTTED & CHECKED
		3. NOTE BOOK
		4. PLOT FILE NAME

DATE	BY	REVISION
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		3. NOTE BOOK
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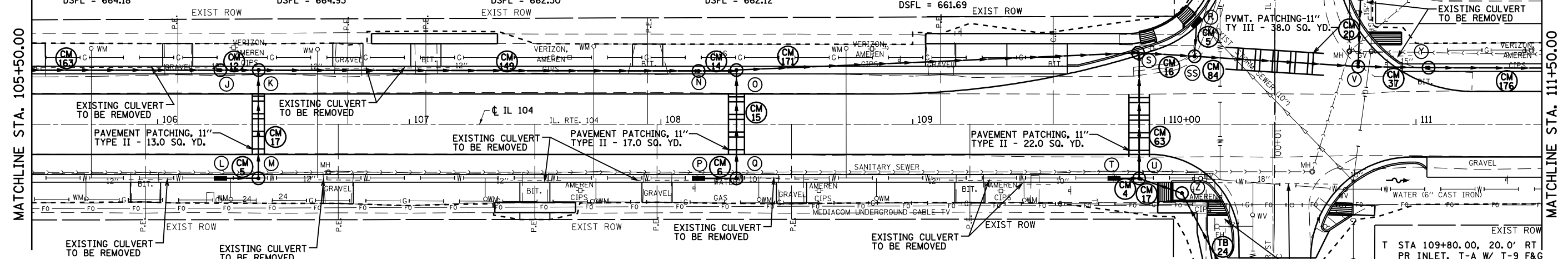


IL ROUTE 104 DRAINAGE PLAN & PROFILE, STA 99+50 TO STA 105+50

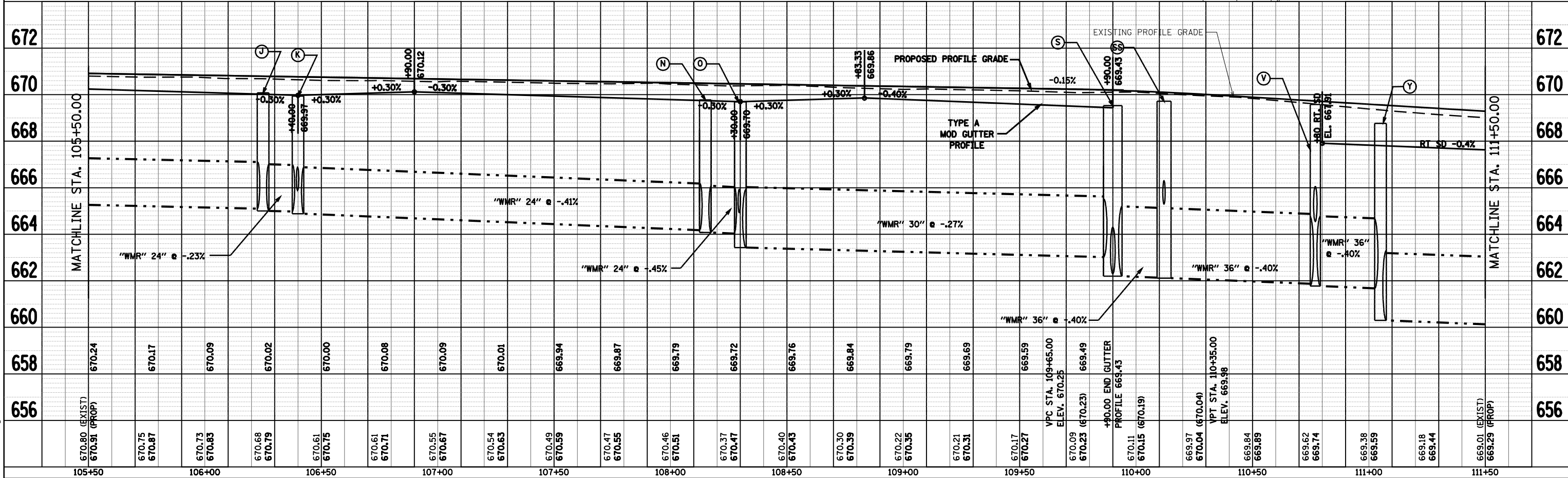
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753	128RS-3,139RS-3	MORGAN	137	46
STA. 105+50.00 TO STA. 111+50.00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		



L-M PR SS 12" X 14.1' (WMR) USFL = 666.71 DSFL = 666.60	N-O PR SS 24" X 13.6' (WMR) USFL = 664.08 DSFL = 664.04	O-S PR SS 30" X 158.8' (WMR) USFL = 663.43 DSFL = 663.02	R-SS PR SS 12" X 11.7' (WMR) USFL = 665.42 DSFL = 665.30	SS-V PR SS 36" X 64.1' (WMR) USFL = 662.12 DSFL = 661.88	W-Z PR SS 24" X 34.7' (WMR) USFL = 663.70 DSFL = 663.38
M-K PR SS 12" X 40.9' (WMR) USFL = 666.50 DSFL = 665.88	P-Q PR SS 12" X 14.1' (WMR) USFL = 665.75 DSFL = 665.65	T-U PR SS 12" X 9.0' (WMR) USFL = 666.28 DSFL = 666.23	Z-U PR SS 24" X 16.3' (WMR) USFL = 663.28 DSFL = 663.15	X-V PR SS 18" X 26.6' (WMR) USFL = 664.80 DSFL = 664.55	
K-N PR SS 24" X 172.6' (WMR) USFL = 664.88 DSFL = 664.18	Q-O PR SS 12" X 40.9' (WMR) USFL = 665.55 DSFL = 664.93	U-S PR SS 30" X 47.6' (WMR) USFL = 663.04 DSFL = 662.30	S-SS PR SS 36" X 17.3' (WMR) USFL = 662.20 DSFL = 662.12	V-Y PR SS 36" X 25.3' (WMR) USFL = 661.78 DSFL = 661.69	



- NOTE:
 1. ON ALL STRUCTURES WITH TYPE 8 GRATES AND FLAT SLAB TOPS, A MINIMUM 6" TALL 24" DIAMETER RISER SHALL BE INSTALLED ABOVE THE FLAT SLAB TOP. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR THE STRUCTURE SPECIFIED.
 2. CONTRACTOR SHALL HAVE OPTION OF PLACING STANDARD MANHOLES IN LIEU OF FLAT SLAB TOPS WHERE CONDITIONS PERMIT.
 3. TOP OF GRATE ELEVATIONS & OFFSETS FOR DRAINAGE STRUCTURES WITHIN PAVEMENT AREAS ARE CALLED OUT TO THE INSIDE EDGE OF CURB. ALL OTHER DRAINAGE STRUCTURES ARE CALLED OUT TO THE CENTER OF STRUCTURE.
- K STA 106+40.00, 20.0' LT PR MH, T-A, 5' DIA. W/ FST & T-9 F&G (STD 602401, 602601, 602701, 604041) TOG = 670.14
 - L STA 106+25.00, 20.0' RT PR INLET, T-A W/ T-9 F&G (STD 602301, 604041) TOG = 670.18
 - M STA 106+40.00, 20.0' RT PR INLET, T-B W/ FST & T-9 F&G (STD 602306, 602601, 604041) TOG = 670.14
 - N STA 108+15.00 20.0' LT PR MH, T-A, 5' DIA. W/ FST & T-9 F&G (STD 602401, 602601, 602701, 604041) TOG = 669.91
 - O STA 108+30.00, 20.0' LT PR MH, T-A, 5' DIA. W/ FST & T-9 F&G (STD 602401, 602601, 602701, 604041) TOG = 669.87
 - P STA 108+15.00 20.0' RT PR INLET, T-A W/ T-9 F&G (STD 602301, 604041) TOG = 669.91
 - Q STA 108+30.00, 20.0' RT PR INLET, T-B W/ FST & T-9 F&G (STD 602306, 602601, 604041) TOG = 669.87
 - R STA 110+13.43 39.8' LT PR INLET, T-A W/ T-3V F&G (STD 602301, 604011) TOG = 669.45
 - S STA 109+90.00, 27.5' LT PR MH, T-A, 8' DIA. W/ FST & T-3V F&G (STD 602416, 602601, 602701, 604011) TOG = 669.56
 - SS STA 110+12.00, 27.0' LT PR MH, T-A, 6' DIA. W/ FST & T-1 F&G (STD 602406, 602601, 602701, 604001) TOG = 669.72
 - T STA 109+80.00, 20.0' RT PR INLET, T-A W/ T-9 F&G (STD 602301, 604041) TOG = 669.67



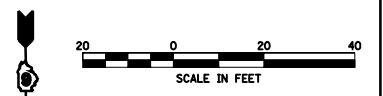
IL ROUTE 104 DRAINAGE PLAN & PROFILE, STA 105+50 TO STA 111+50

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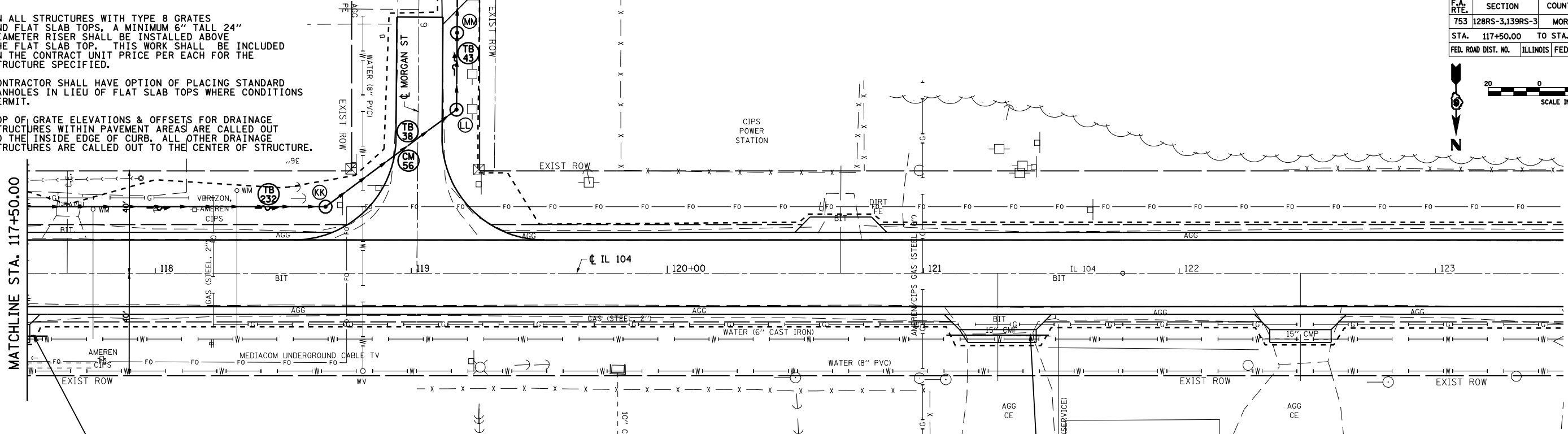
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	128RS-3,139RS-3	MORGAN	137	48
STA. 117+50.00 TO STA. 123+50.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



- NOTE:
- ON ALL STRUCTURES WITH TYPE 8 GRATES AND FLAT SLAB TOPS, A MINIMUM 6" TALL 24" DIAMETER RISER SHALL BE INSTALLED ABOVE THE FLAT SLAB TOP. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR THE STRUCTURE SPECIFIED.
 - CONTRACTOR SHALL HAVE OPTION OF PLACING STANDARD MANHOLES IN LIEU OF FLAT SLAB TOPS WHERE CONDITIONS PERMIT.
 - TOP OF GRATE ELEVATIONS & OFFSETS FOR DRAINAGE STRUCTURES WITHIN PAVEMENT AREAS ARE CALLED OUT TO THE INSIDE EDGE OF CURB. ALL OTHER DRAINAGE STRUCTURES ARE CALLED OUT TO THE CENTER OF STRUCTURE.

PLAN	DATE	BY
SURVEYED		
PLOTTED		
CHECKED		
DATE		
NOTE BOOK NO.		
DATE		
FILE NAME		
USER NAME		



PROPOSED PIPE CULVERT,
 TYPE 1, CS/A - 15" DIA.
 USFL STA. 117+20.0, 24.7' RT.,
 ELEV. = 664.80
 DSFL STA. 117+58.0, 24.5' RT.,
 ELEV. = 664.57
 LENGTH = 38.0'; SLOPE = 0.61%
 EXISTING 12" CULVERT TO BE REMOVED

EE STA 114+03.00, 15.0' LT
 PR MH, T-A, 5' DIA. W/ FST & T-1 F & CL
 (STD 602401, 602601, 602701, 604001)
 TOG = 667.47

FF STA 114+03.00, 25.0' LT
 PR INLET, T-A W/ T-8 G
 (STD 602301, 604036)
 TOG = 665.64

GG STA 115+20.00, 23.0' LT
 PR MH, T-A, 5' DIA. W/ FST & T-8 G
 (STD 602401, 602601, 602701, 604036)
 TOG = 666.50

HH STA 116+85.00, 25.5' LT
 PR MH, T-A, 5' DIA. W/ FST & T-8 G
 (STD 602401, 602601, 602701, 604036)
 TOG = 664.50

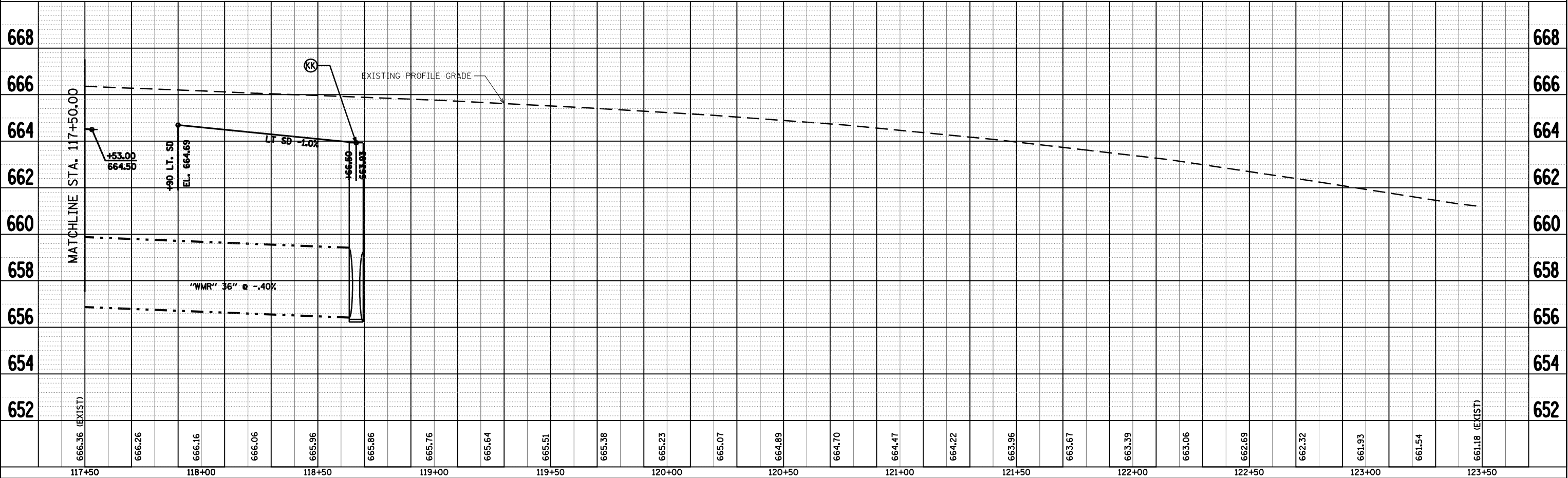
PROPOSED PIPE CULVERT -
 TYPE 1, CS/A - 15" DIA.
 USFL STA. 121+09.0, 24.2' RT.,
 ELEV. = 662.70
 DSFL STA. 121+49.0, 24.2' RT.,
 ELEV. = 662.60
 LENGTH = 40.0'; SLOPE = 0.24%
 EXISTING 15" CULVERT TO BE REMOVED

II STA 111+67.87, 25.9' RT
 PR INLET, T-A W/ T-8 G
 (STD 602301, 604036)
 TOG = 667.56
 INV = MATCH EXISTING

KK STA 118+66.50, 26.0' LT
 PR MH, T-A, 6' DIA. W/ FST & T-8 G
 (STD 602406, 602601, 602701, 604036)
 TOG = 663.93

SS STA 112+84.00, 22.0' LT
 PR INLET, T-A W/ T-8 G
 (STD 602301, 604036)
 TOG = 667.20

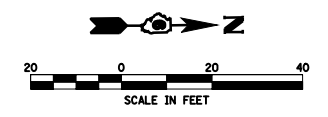
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SURVEYED		
PLOTTED		
CHECKED		
DATE		
NOTE BOOK NO.		
DATE		
FILE NAME		
USER NAME		



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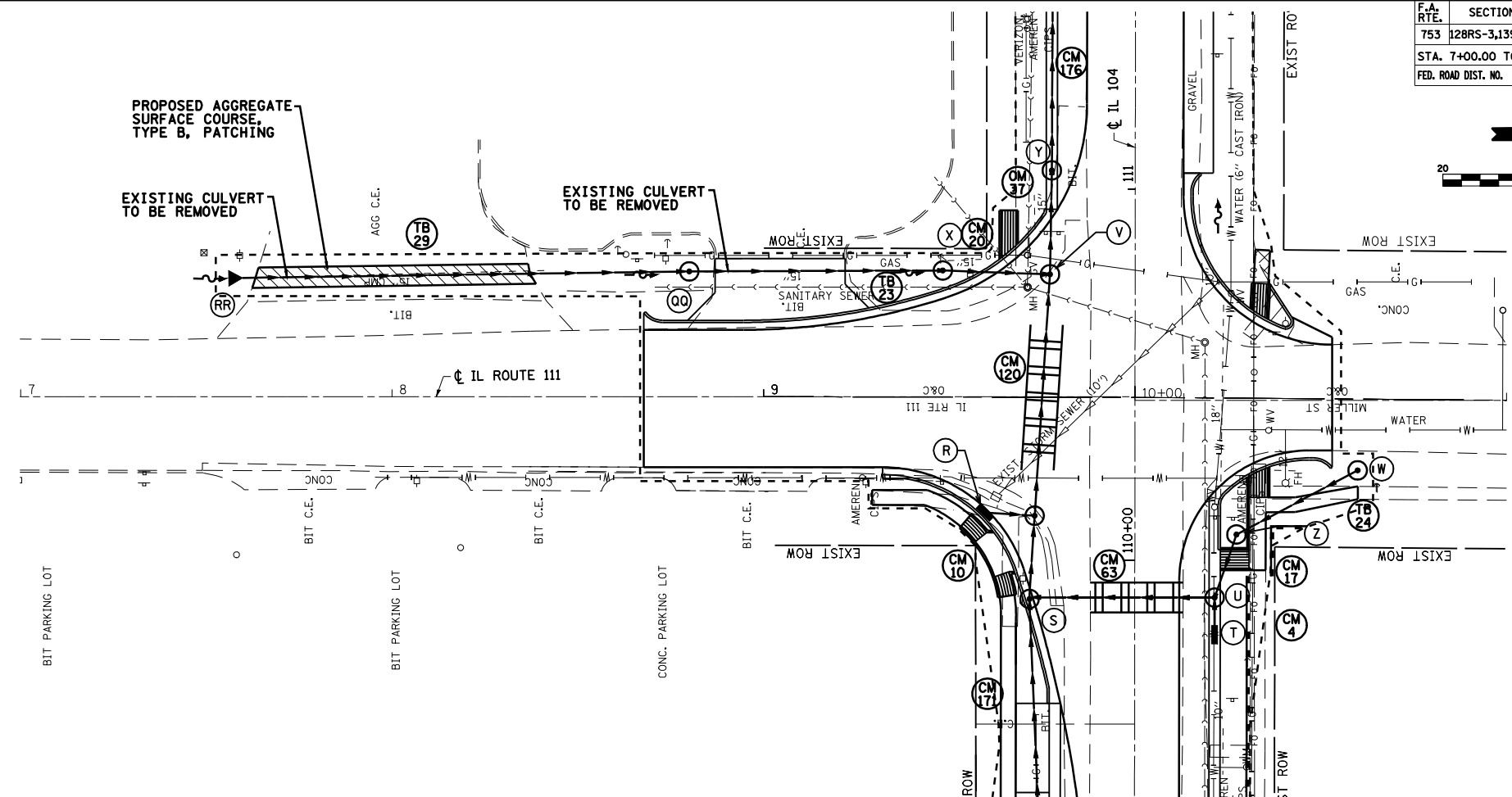
IL ROUTE 104 DRAINAGE PLAN & PROFILE, STA 117+50 TO STA 123+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	I28RS-3,139RS-3	MORGAN	137	49
STA. 7+00.00 TO STA. 11+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



RR-00 PR SS 18" X 121.3' (WMR) USFL = 668.20 DSFL = 665.65 RR STA 7+56.02, 31.9' LT PR PRC FL END SEC 18" (STD 542301)

QQ-X PR SS 18" X 66.5' (WMR) USFL = 665.55 DSFL = 664.90 QQ STA 8+80.00 33.8' LT PR MH, T-A, 4' DIA. W/ FST & T-8 C (STD 602401, 602601, 602701, 604036) TOG = 668.56

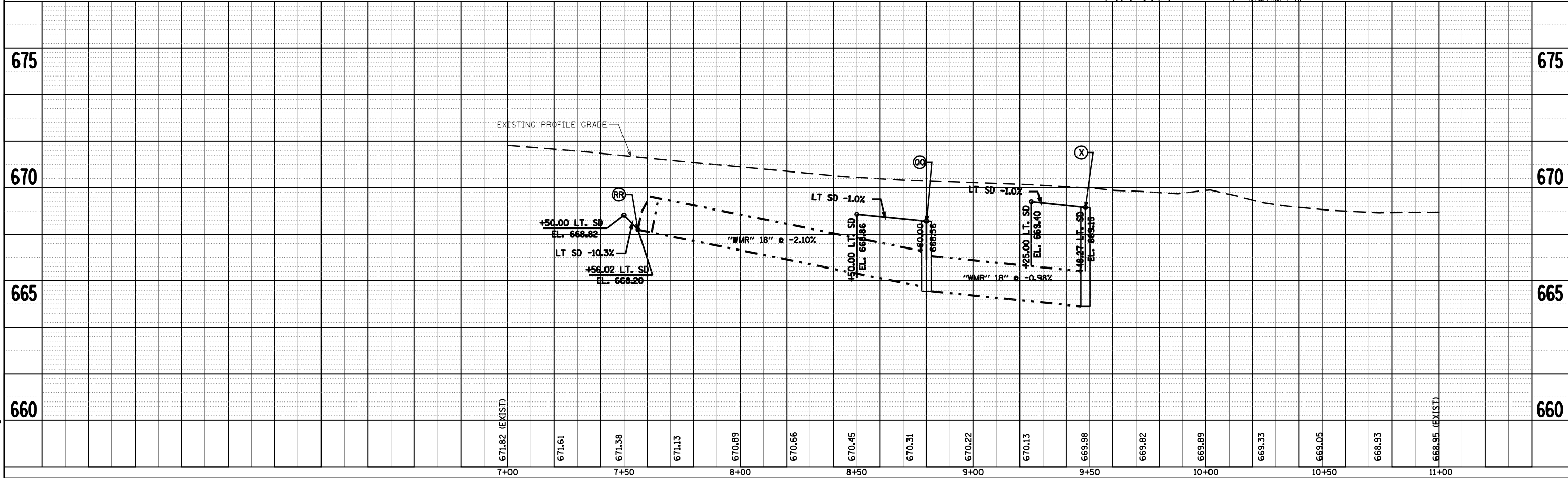


- NOTE:
- ON ALL STRUCTURES WITH TYPE 8 GRATES AND FLAT SLAB TOPS, A MINIMUM 6" TALL 24" DIAMETER RISER SHALL BE INSTALLED ABOVE THE FLAT SLAB TOP. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR THE STRUCTURE SPECIFIED.
 - CONTRACTOR SHALL HAVE OPTION OF PLACING STANDARD MANHOLES IN LIEU OF FLAT SLAB TOPS WHERE CONDITIONS PERMIT.
 - TOP OF GRATE ELEVATIONS & OFFSETS FOR DRAINAGE STRUCTURES WITHIN PAVEMENT AREAS ARE CALLED OUT TO THE INSIDE EDGE OF CURB. ALL OTHER DRAINAGE STRUCTURES ARE CALLED OUT TO THE CENTER OF STRUCTURE.

PLAN	SURVEYED	BY	DATE
NO.	NO.		

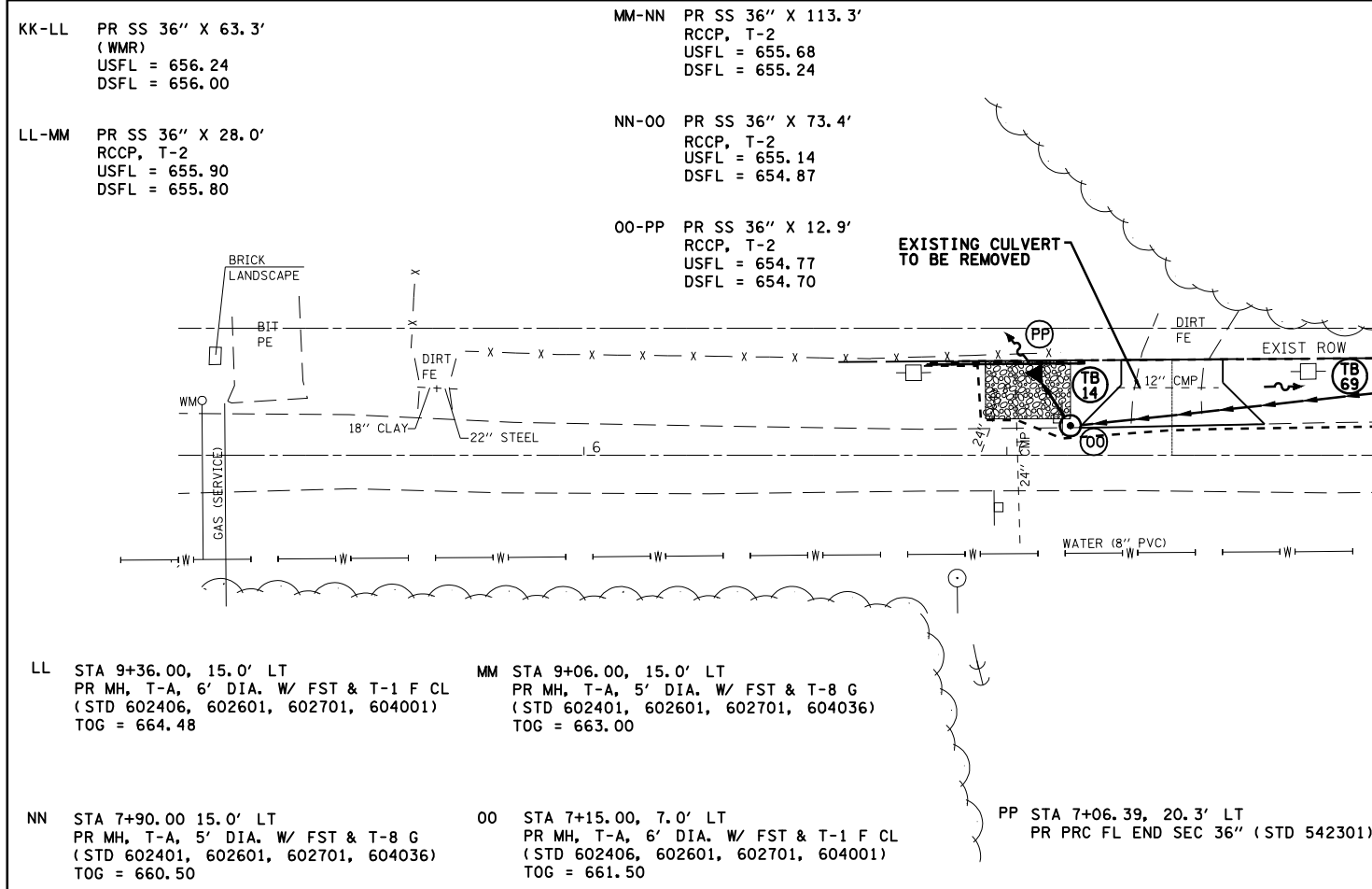
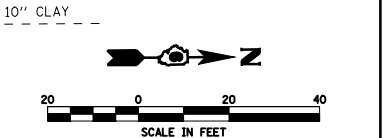
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IL ROUTE 111 DRAINAGE PLAN & PROFILE, STA 5+00.00 TO STA 11+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	128RS-3,139RS-3	MORGAN	137	50
STA. 5+40.17 TO STA. 10+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



KK-LL PR SS 36" X 63.3'
(WMR)
USFL = 656.24
DSFL = 656.00

MM-NN PR SS 36" X 113.3'
RCCP, T-2
USFL = 655.68
DSFL = 655.24

LL-MM PR SS 36" X 28.0'
RCCP, T-2
USFL = 655.90
DSFL = 655.80

NN-00 PR SS 36" X 73.4'
RCCP, T-2
USFL = 655.14
DSFL = 654.87

00-PP PR SS 36" X 12.9'
RCCP, T-2
USFL = 654.77
DSFL = 654.70

LL STA 9+36.00, 15.0' LT
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(STD 602406, 602601, 602701, 604001)
TOG = 664.48

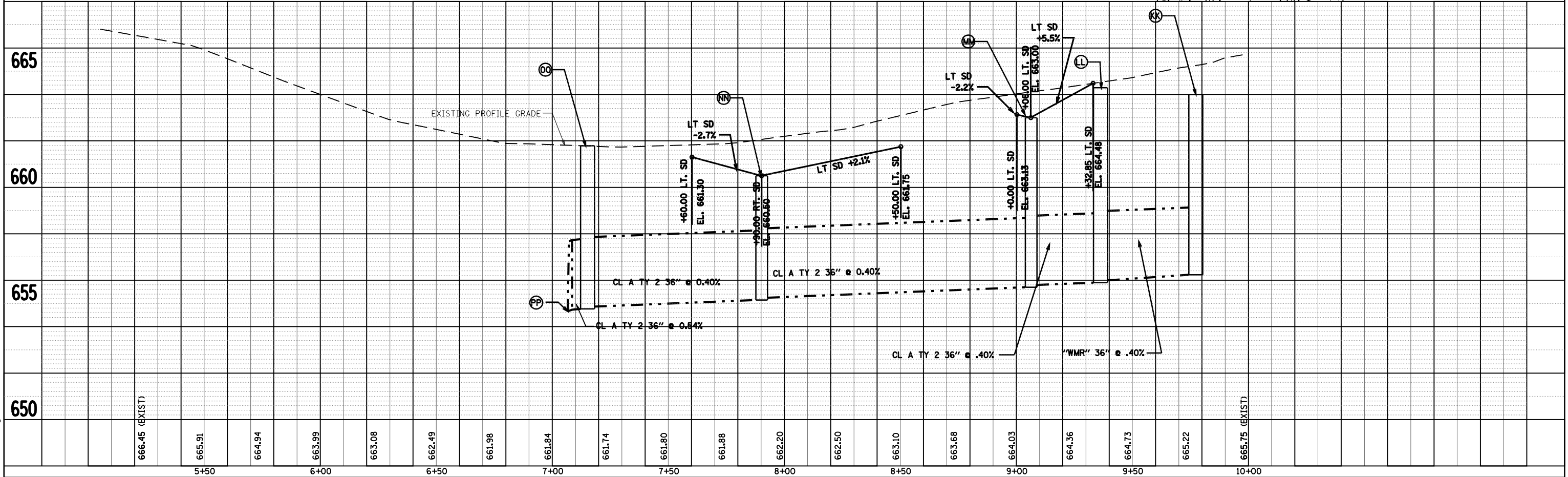
MM STA 9+06.00, 15.0' LT
PR MH, T-A, 5' DIA. W/ FST & T-8 G
(STD 602401, 602601, 602701, 604036)
TOG = 663.00

NN STA 7+90.00 15.0' LT
PR MH, T-A, 5' DIA. W/ FST & T-8 G
(STD 602401, 602601, 602701, 604036)
TOG = 660.50

00 STA 7+15.00, 7.0' LT
PR MH, T-A, 6' DIA. W/ FST & T-1 F CL
(STD 602406, 602601, 602701, 604001)
TOG = 661.50

PP STA 7+06.39, 20.3' LT
PR PRC FL END SEC 36" (STD 542301)

- NOTE:
- ON ALL STRUCTURES WITH TYPE 8 GRATES AND FLAT SLAB TOPS, A MINIMUM 6" TALL 24" DIAMETER RISER SHALL BE INSTALLED ABOVE THE FLAT SLAB TOP. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR THE STRUCTURE SPECIFIED.
 - CONTRACTOR SHALL HAVE OPTION OF PLACING STANDARD MANHOLES IN LIEU OF FLAT SLAB TOPS WHERE CONDITIONS PERMIT.
 - TOP OF GRATE ELEVATIONS & OFFSETS FOR DRAINAGE STRUCTURES WITHIN PAVEMENT AREAS ARE CALLED OUT TO THE INSIDE EDGE OF CURB. ALL OTHER DRAINAGE STRUCTURES ARE CALLED OUT TO THE CENTER OF STRUCTURE.



MORGAN STREET DRAINAGE PLAN & PROFILE, STA 5+04.17 TO STA 10+00

PLAN	DATE
SURVEYED	
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CHECKED	
NO. OF WAY CHECKED	
CADD FILE NAME	

PROFILE	DATE
SURVEYED	
PLOTTED	
CHECKED	
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	52
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* 12BRS-3, 139RS-3				

STORM WATER POLLUTION PREVENTION PLAN

Route: FAP RTE 753 Marked: IL RTE. 104
 Section: 12BRS-3 & 139RS-3 Project No.: NA
 County: MORGAN Contract No.: 72923

This plan has been prepared to comply with the provisions of the NPDES Permit Number ILR10....., issued by the Illinois Environmental Protection Agency for storm water discharges from Construction Site Activities.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Reg. Z. Dink
 (Signature)

1-23-09
 (Date)

Regional Director / Region 4
 (Title)

The following plan was established and included in these plans to direct the Contractor in the placement of temporary erosion control systems and to provide a storm water pollution prevention plan for compliance under NPDES. The Contractor shall abide to all requirements within this plan as part of the contract.

The purpose of this plan is to prevent / minimize siltation within the construction zone and to eliminate sediments from entering and leaving the construction zone by utilizing proper temporary erosion control systems and providing ground cover within a reasonable time.

Certain items, as shown in this plan and referenced by the legend, shall be placed by the Contractor at the beginning of construction. Other items shall be placed by the Contractor as directed by the Engineer on a case by case situation resulting from the Contractor's sequence of activities, time of the year, and expected weather conditions.

The Contractor shall place permanent erosion control systems and seeding within a reasonable amount of time; therefore, reducing the amount of area being open to the possibility of erosion and reducing the amount of temporary erosion control systems and temporary seeding. The Resident Engineer will determine if temporary erosion control systems shown in the plan can be deleted, the size of the proposed ditch checks, the proper method of installation, and if any additional temporary erosion control systems shall be added which are not included in this plan. The Contractor shall perform all work as directed by the Engineer and as shown in special details and in Standard 280001 of the plans.

The special provisions Temporary Seeding, Temporary Erosion Control Seeding, and Temporary Erosion Control additionally supplement this plan.

All disturbed areas having high potential for erosion, as determined by the Engineer, shall be temporarily seeded or permanently seeded by October 1st of each construction year and shall not be reopened until after the winter shutdown period.

SITE DESCRIPTION

Description of Construction Activity:

1. The proposed project consists of 2.12 miles of improvements to an existing two lane roadway.
2. Construction consists of storm sewer construction, shoulder removal and replacement, concrete curb & gutter, concrete gutter, entrances, intersection improvements, hot-mix asphalt resurfacing, ditch construction, and other miscellaneous work to complete construction of the proposed improvements.

Description of Intended Sequence of Major Construction Activities Which Will Disturb Earth and Lead to Possible Erosion for Major Portions of the Construction Site:

1. Storm sewer installation.
2. Gutter and curb and gutter construction.
3. Shoulder removal and replacement.
4. Construction of ditches.
5. Placement, maintenance, removal and proper clean-up of temporary erosion control, such as erosion control fence, aggregate ditch checks, temporary seeding, etc.
6. Placement of permanent erosion control, such as riprap ditch lining, excelsior blanket, seeding, etc.
7. Final grading, paving and other miscellaneous items.

Area of Construction Site:

The total drainage area entering and including the construction site is estimated to be 350 acres in which 1.7 acres will be disturbed by excavation, grading or other activities.

Other Reports, Studies and Plans which Aid in the Development of this Storm Water Pollution Prevention Plan as Referenced Documents:

1. Estimated run-off coefficients from the IDOT "Drainage Manual" were utilized for proposed placement of the temporary erosion control systems.
2. Information on the soils within the site was obtained from field reviews which were utilized for proposed placement of the temporary erosion control systems.
3. Site maps indicating drainage patterns and approximate slopes were contained in the project design report, USGS drainage maps, and project plan documents were all utilized for proposed placement of the temporary erosion control systems.

Drainage Tributaries Receiving Water from this Construction Site:

1. Apple Creek

NAME		DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION STORM WATER POLLUTION PREVENTION PLAN DRAWN BY JCW CHECKED BY AWM DATE: NOVEMBER 2, 2007

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	•	MORGAN	137	53
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• 128RS-3, 139RS-3				

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROLS

Description of Stabilization Practices at the Beginning of Construction:

- The area between the existing and proposed right-of-way/temporary easement boundaries and limits of the project will be improved and managed for the purposes of controlling erosion within the area, reducing water flow by temporary diversion and minimizing siltation into the construction zone, and establishing vegetative cover which will become permanent vegetation and act as an erosion barrier. Work at the beginning of construction will consist of the following:
 - Areas of existing vegetation (woods and grasslands) outside the proposed construction slope limits shall be identified for preserving and shall be protected from mowing, brush cutting, tree removal and other activities which would be detrimental to their maintenance and development.
 - Dead, diseased, or unsuitable vegetation within the site shall be removed as directed by the Engineer, along with required tree removal.
 - As soon as reasonable access is available (such as trees cleared) to all locations where water drains away from the project, sediment basins, aggregate ditch checks, and/or erosion control fence shall be installed as called out in this plan and directed by the Engineer.
 - Bare and sparsely vegetated ground in highly erodible areas as determined by the Engineer shall be temporarily seeded at the beginning of construction where no construction activities are immediately expected as stated in section 280 of the standard specification for "temporary erosion control seeding".
 - At locations where a significant amount of water drains into the construction zone from outside areas (adjacent landowners), erosion control fence, temporary ditch checks, or riprap ditch checks will be utilized to locally divert water, reduce flow rates, and collect outside siltation inside the right-of-way line. Erosion control items will not be allowed to be installed to cause flooding to upstream private property which could cause crop damages or other undesirable conditions.
- Establishment of these temporary erosion control measures will have additional benefits to the project. Desirable grass seed will become established in these areas and will spread seeds onto the construction site until permanent seeding/mowing and overseeding can be complete.
- A third benefit of these filter areas is that they will begin to provide a screen and buffer. They will help protect the construction site from winds and excess sun and mitigate construction noise and dust.

Description of Stabilization Practices During Construction:

- During roadway construction, areas outside the construction slope limits as outlined previous herein shall be protected from damaging effects of construction. The Contractor shall not use this area for staging (except as designated on the plans or directed by the Engineer), parking of vehicles or construction equipment, storage of materials, or other construction related activities.
 - Within the construction zone, critical areas which have high flows of water as determined by the Engineer shall remain undisturbed until full scale construction is underway to prevent unnecessary soil erosion.
 - Top soil and earth stockpiles shall be temporarily seeded if they are to remain unused for more than fourteen days.
 - As the Contractor constructs a portion of roadway in a fill section, he/she shall follow the following steps as directed by the Engineer:
 - Place temporary erosion control systems at locations where water leaves and enters the construction zone
 - Temporary seed highly erodible areas outside the construction slope limits
 - Construct roadside ditches and provide temporary erosion control systems
 - Temporary divert water around proposed storm sewer locations.
 - The Contractor shall immediately follow major earth moving operations with final grading equipment. After the major earth spread operation has moved to a new location, final grading shall be completed within fourteen days. If grading is not completed within fourteen days, all major earth moving operations will be stopped, as directed by the Engineer, until disturbed areas are final graded and seeded.
 - Excavated areas and embankments shall be permanently seeded when final graded. If not, they shall be temporarily seeded as stated in section 280 of the standard specifications for "temporary erosion control seeding".

- Construction equipment shall be stored and fueled only at designated locations. All necessary measures shall be taken to contain any fuel or pollution run-off in compliance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.
- The Resident Engineer shall inspect the project daily during activities and weekly or after large rains during the winter shutdown period. The project shall additionally be inspected by the Construction Field Engineer on a bi-weekly basis to determine that erosion control efforts are in place and effective and if other control work is necessary.
- Sediment collected during construction by the various temporary erosion control systems shall be disposed of on the site on a regular basis as directed by the Engineer. The cost of this maintenance will be paid for in accordance with Article 109.04 of the Standard Specifications.
- The temporary erosion control systems shall be removed as directed by the Engineer after use is no longer needed or no longer functioning. The costs of this removal shall be included in the unit bid price for the temporary erosion control system. No additional compensation will be allowed.

Description of Structural Practices After Final Grading:

- Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas seeded and established with a proper stand.
- Once permanent erosion control systems as proposed in the plans are functional and established, temporary items shall be removed, cleaned up, and disturbed turf reseeded. Temporary riprap ditch checks will be allowed to remain in place where approved by the Engineer.

Maintenance after Construction:

- Construction is complete after acceptance is received at the final inspection.
- Areas will be inspected on a regular basis by IDOT District 6 Bureau of Operations.
- Maintenance crews will perform regular mowings to aid in keeping weeds down and establishing a good roadside seed stand.
- Maintenance crews will also aid in any ditch lining maintenance or in any drainage problems.
- All maintenance will be conducted at times when weather conditions will not cause site damage.

DOCUMENTATION

- A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and actions taken in accordance with Section 4.b. shall be made and retained as part of the plan for at least three years after the date of inspection. The report shall be signed in accordance with part VI.G of the general permit.
- If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer or Resident Technician shall complete and file an "Incident of Noncompliance (ION)" report for the identified violation. The Resident Engineer or Resident Technician shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of noncompliance shall be signed by a responsible authority in accordance with Part VI.G. of the general permit. The report of noncompliance shall be mailed to the following address:

Illinois Environmental Protection Agency
 Division of Water Pollution Control
 2200 Church Hill Road, P.O. Box 19276
 Springfield, IL 62794-9276
 Attn: Compliance Assurance Section

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLAN

DRAWN BY JCW
 CHECKED BY AWM
 DATE: NOVEMBER 2, 2007

PLOT DATE = Jan-16-2009 09:45:24AM
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	•	MORGAN	137	54
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 128RS-3, 139RS-3				

CONTRACTOR CERTIFICATION STATEMENT

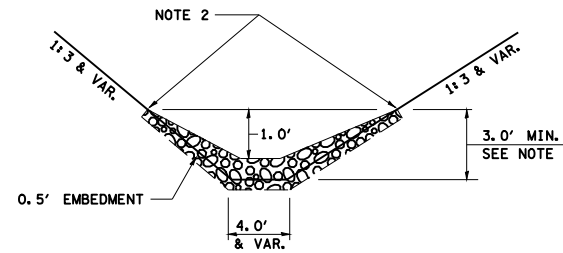
This certification statement is part of the Storm Water Pollution Prevention Plan for the project described below, in accordance with NPDES Permit No. ILR10 _____, issued by the Illinois Environmental Protection Agency on _____.

Route: FAP 753 Marked: IL RTE. 104
 Section: 128 RS-3, 139 RS-3 Project No.: NA
 County: MORGAN Contract No.: 72923

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit (ILR 10) that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

Signature _____ Date _____
 Title _____
 Name of Firm _____
 Street Address _____
 City, State, Zip _____
 Phone Number _____

Note: The above boxed in area shall be filled out by the Contractor after the award of the contract to obtain the required NPDES Permit from IEPA. This is a requirement for this contract.



STONE DUMPED RIPRAP DITCH CHECK
(TYPICAL)

NOTE 1: RIPRAP SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 1.0' OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE RIPRAP.

NOTE 2: ENDS SHALL BE TIED INTO SLOPES.

LEGEND FOR STORM WATER POLLUTION PREVENTION PLAN

ITEM	SYMBOL
AGGREGATE (EROSION CONTROL) [STONE DUMPED RIPRAP DITCH CHECKS (Height = 2.0')]	
TEMPORARY DITCH CHECKS	
INLET PIPE PROTECTION (I&PP)	
EROSION CONTROL FENCE	
HEAVY DUTY EXCELSIOR BLANKET	
EARTH EXCAVATION FOR EROSION CONTROL (SEDIMENT BASINS)	
PRESERVE EXISTING TREES, WOODLANDS, AND UNDERSTORY (OUTSIDE CONSTRUCTION LIMITS)	
ITEM PLACED AT BEGINNING OF CONSTRUCTION (Requirement)	* ITEM *
ITEM PLACED AS DIRECTED BY ENGINEER (When required by situation)	ITEM
DIRECTION OF OVERLAND FLOW	

GENERAL NOTES:

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

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

NAME	DATE

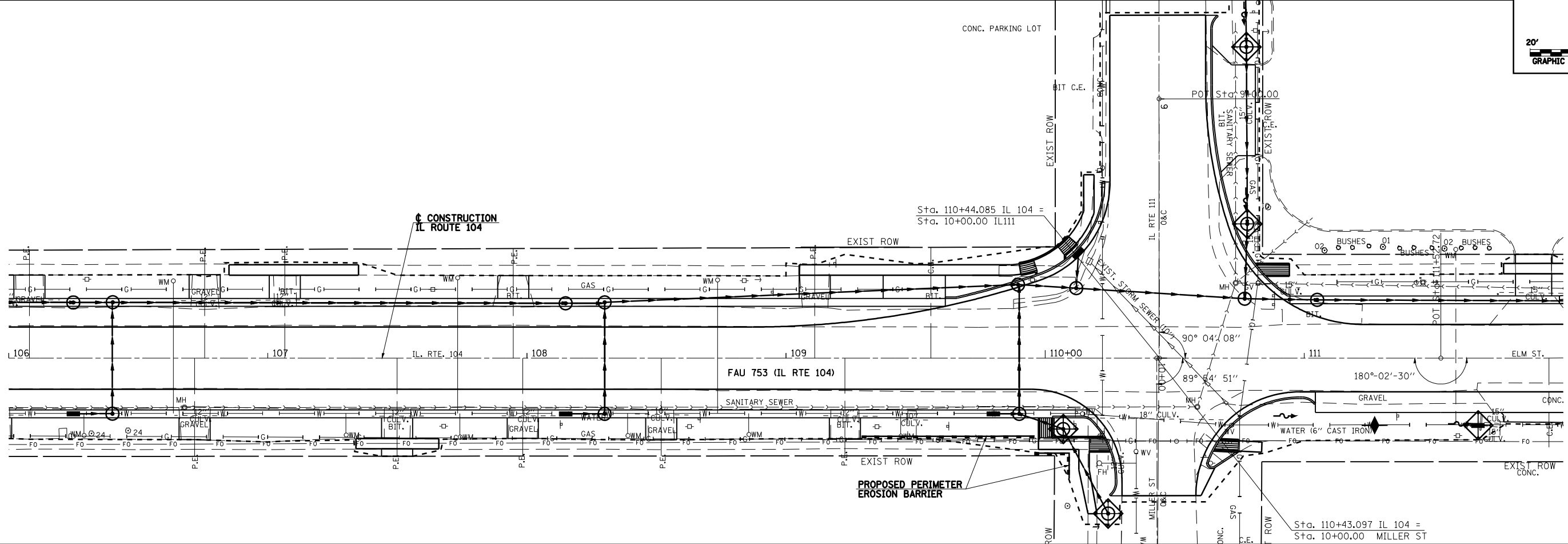
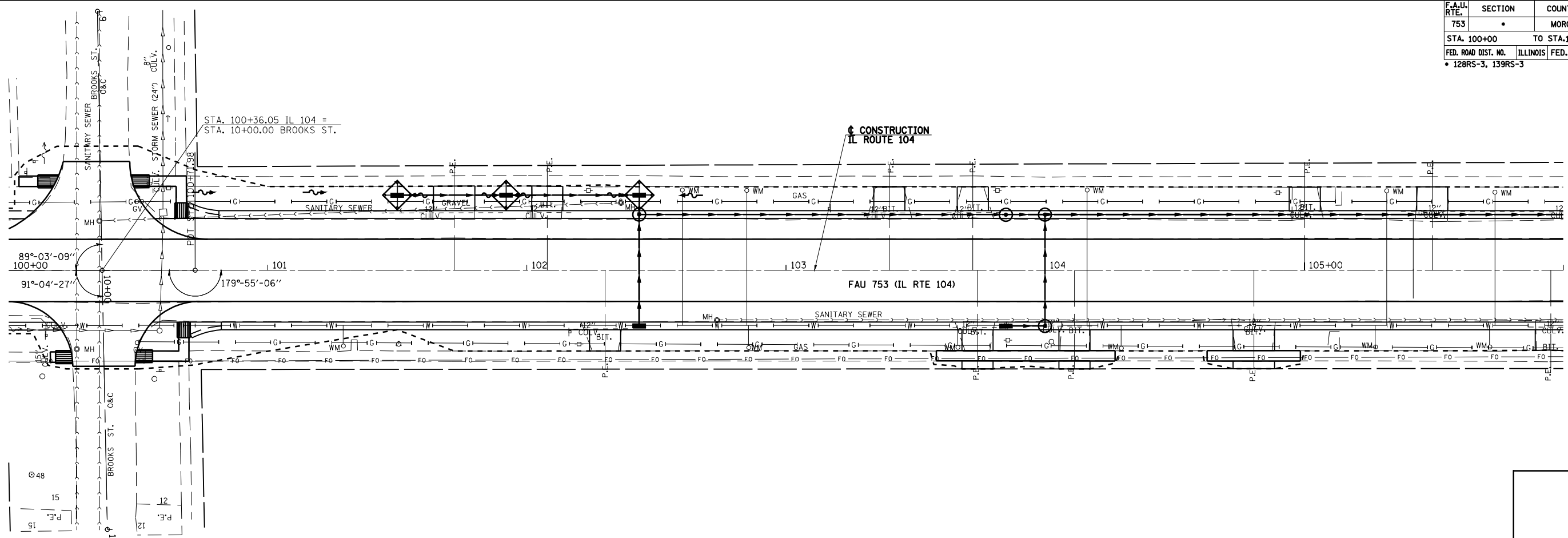
ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLAN

DRAWN BY JCW
CHECKED BY AWM
DATE: NOVEMBER 2, 2007

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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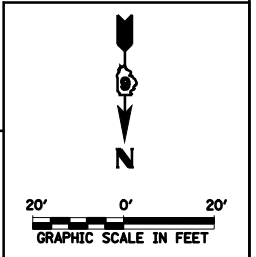
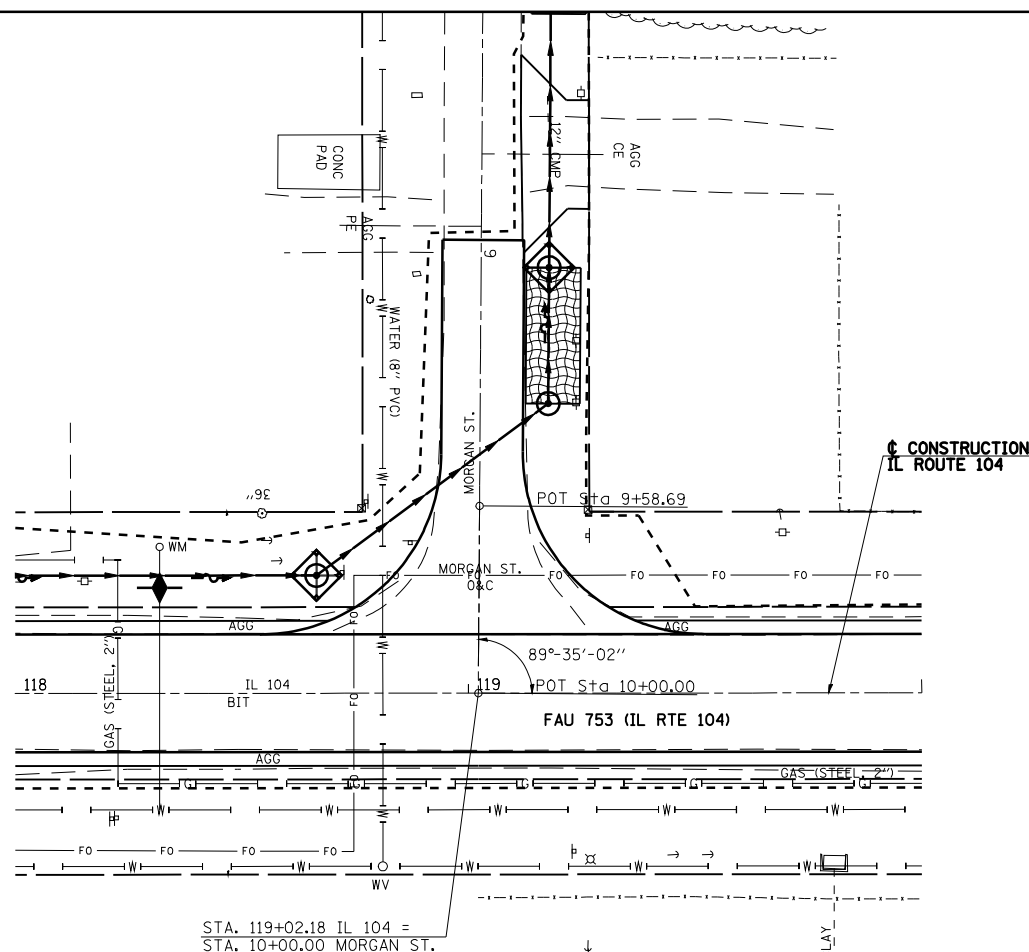
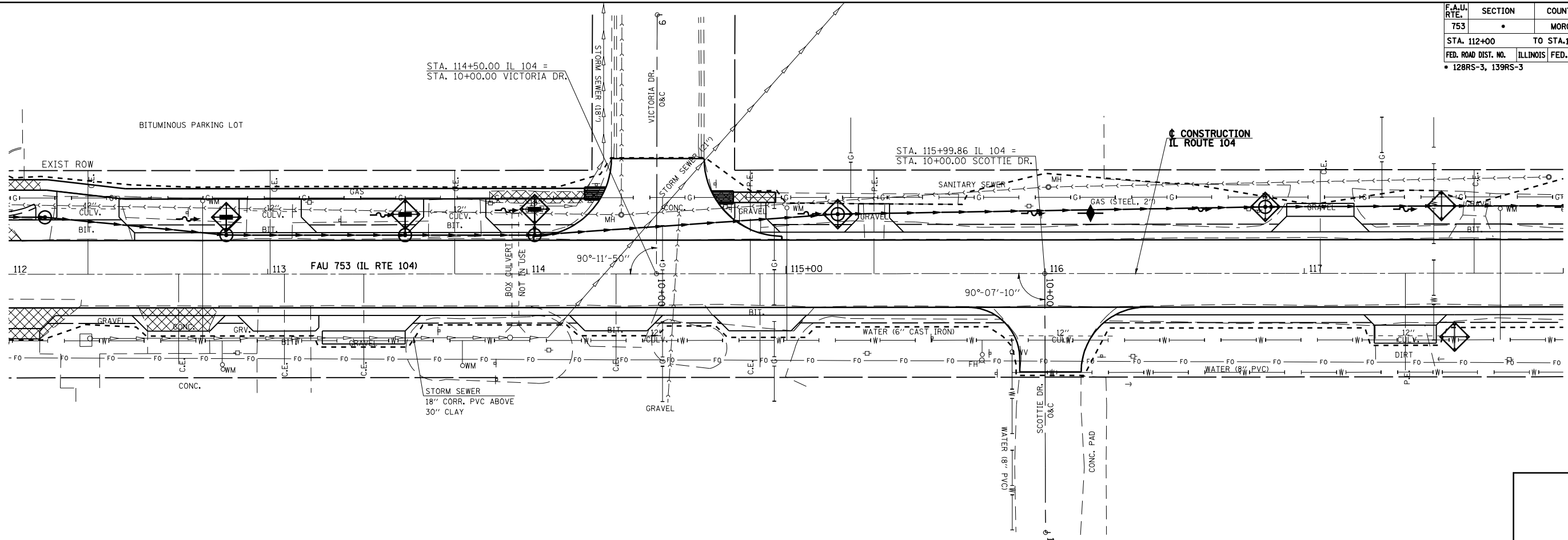
STA. 100+00 TO STA. 112+00
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 • 128RS-3, 139RS-3



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STORM WATER POLLUTION PREVENTION PLAN, STA 100+00 TO STA 112+00

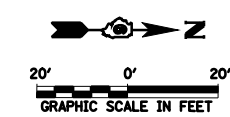
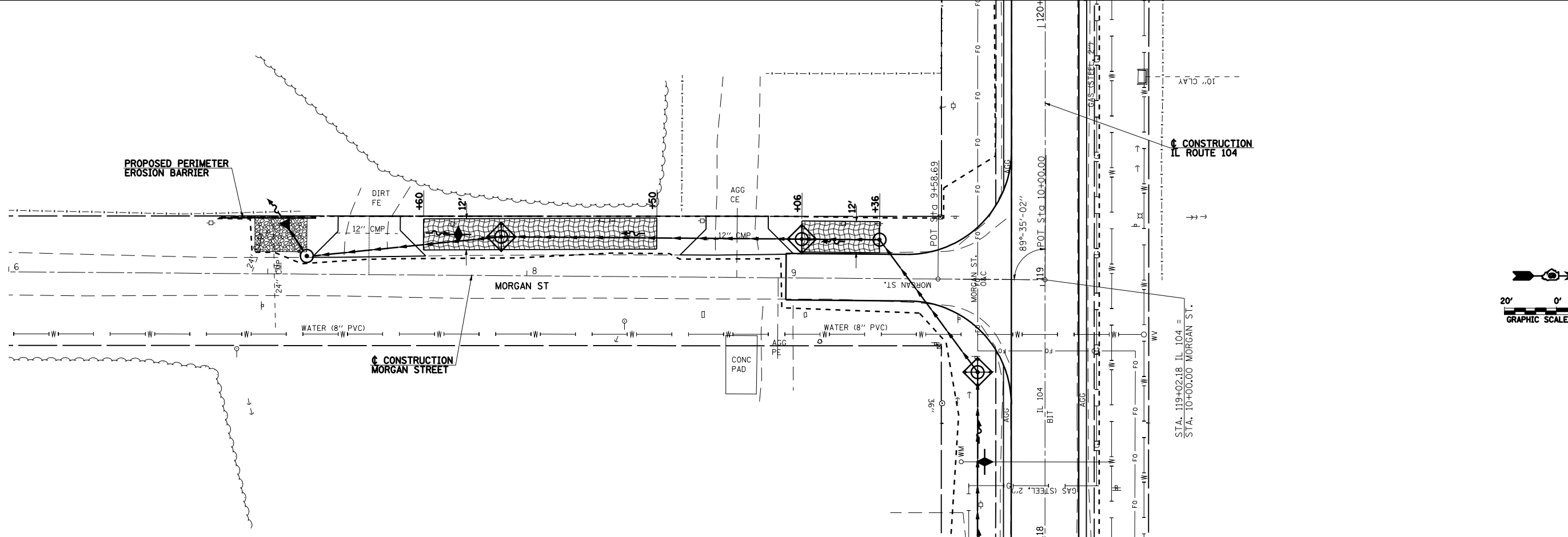
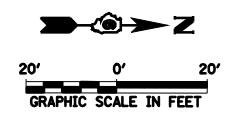
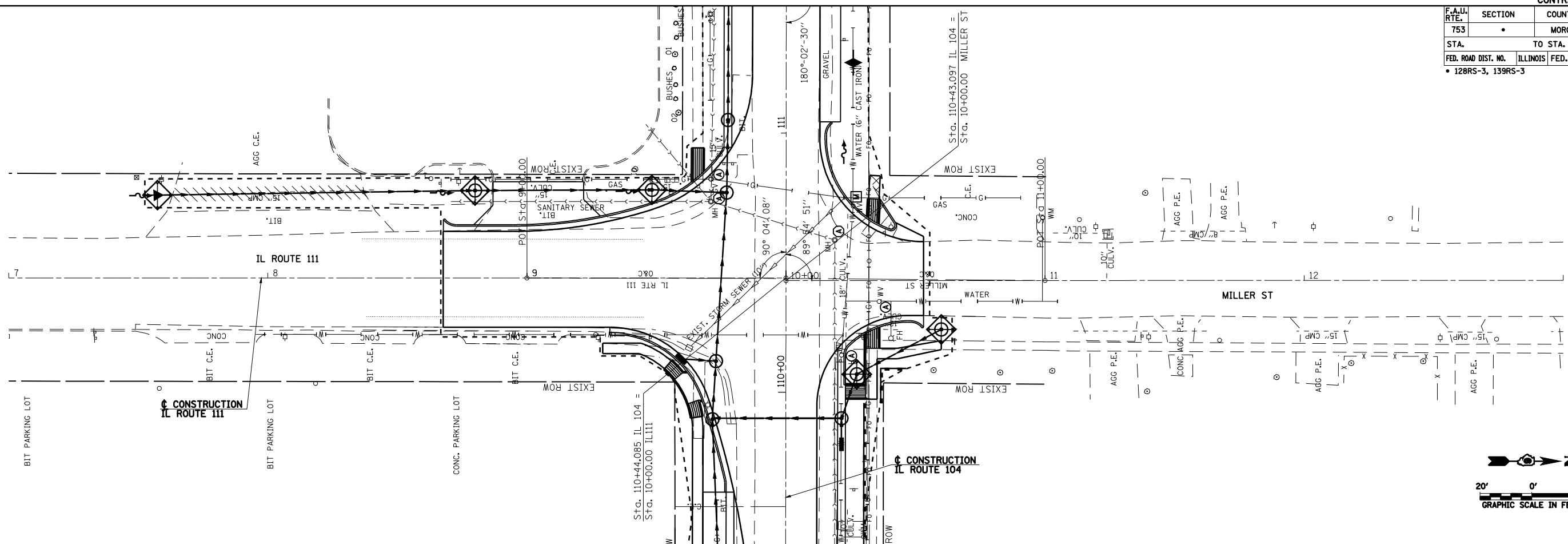
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753	•	MORGAN	137	56
STA. 112+00		TO STA.120+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• 128RS-3, 139RS-3				



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STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
• 128RS-3, 139RS-3	

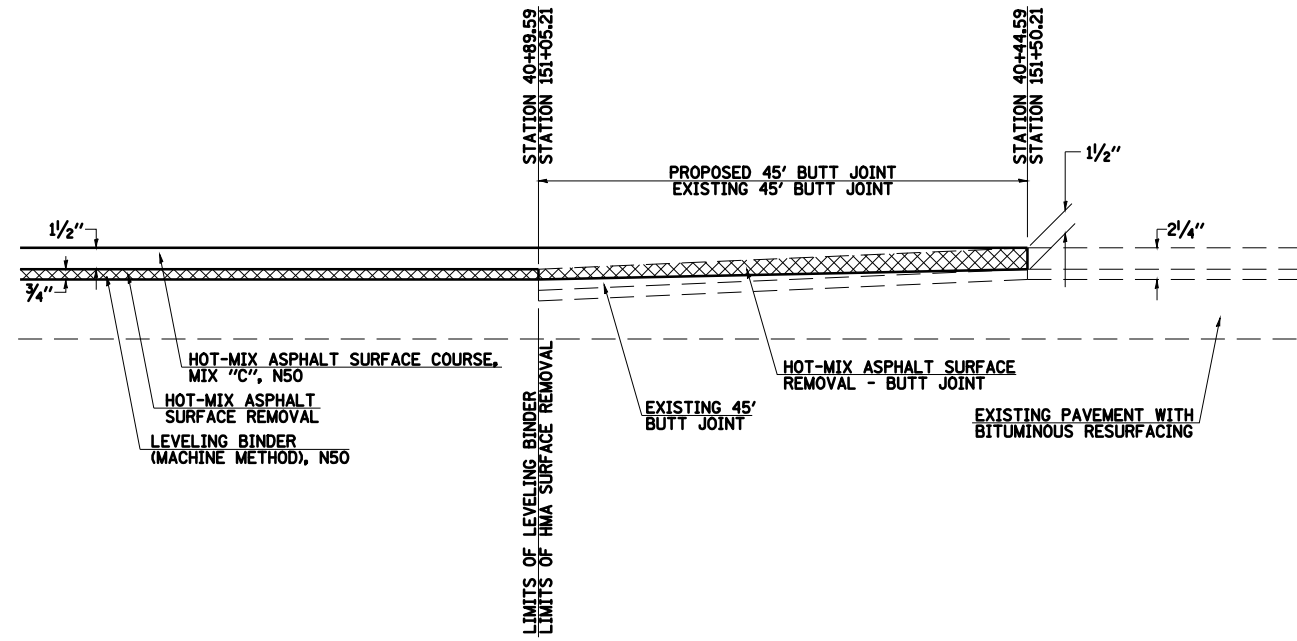


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STORM WATER POLLUTION PREVENTION PLAN, ILLINOIS 111/MILLER STREET & MORGAN STREET

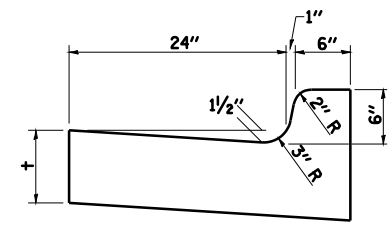
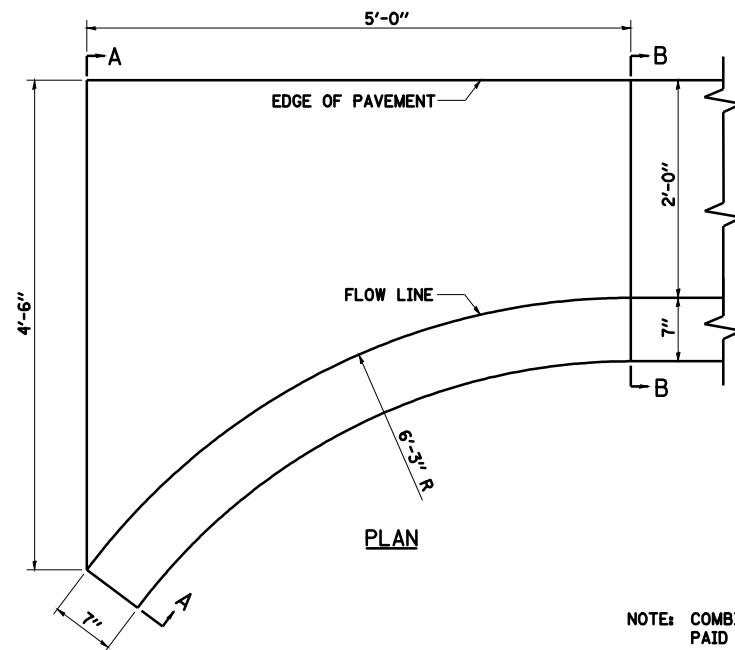
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FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* 128RS-3, 139RS-3

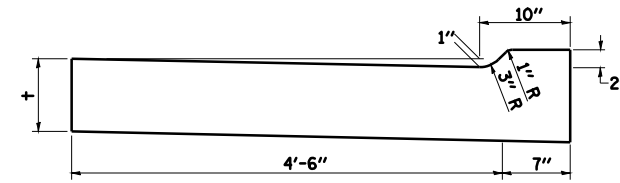


BITUMINOUS CONCRETE BUTT JOINT

STATION
40+44.59
151+50.21



SECTION B-B



SECTION A-A

NOTE: COMBINATION CURB AND GUTTER TAPERS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE TYPE B-6.24 COMBINATION CURB AND GUTTER

DETAIL OF TAPER FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

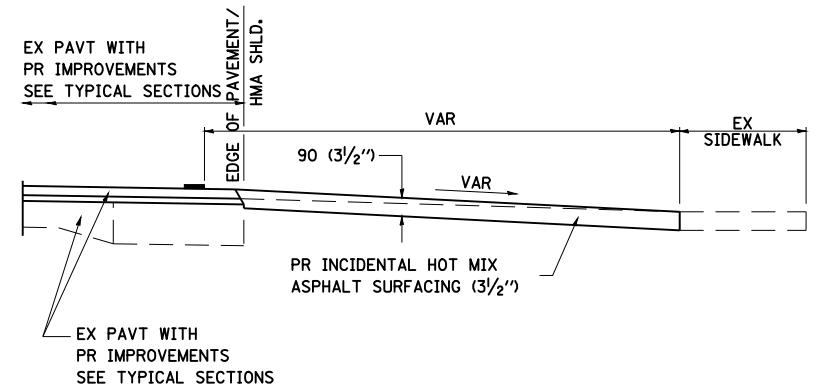
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SPECIAL DETAILS
BUTT JOINT DETAIL
CURB & GUTTER TAPER DETAIL

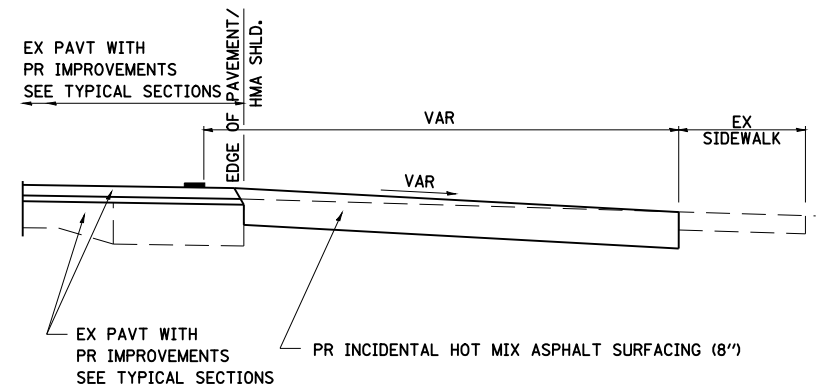
DATE NOVEMBER 2, 2007
DRAWN BY JCW
CHECKED BY AWM

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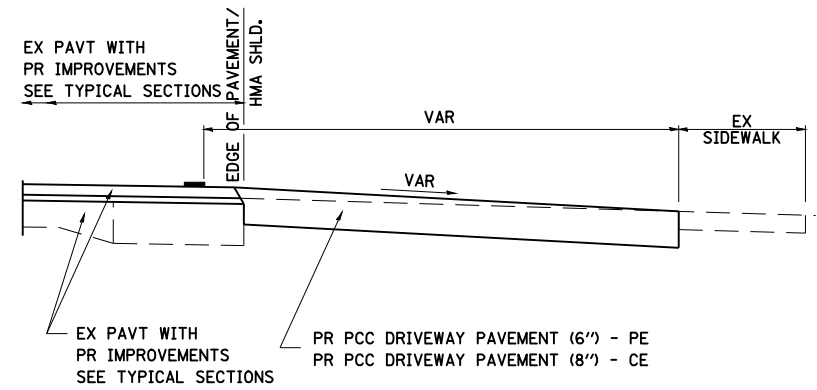
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	•	MORGAN	137	59
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 128RS-3, 139RS-3				



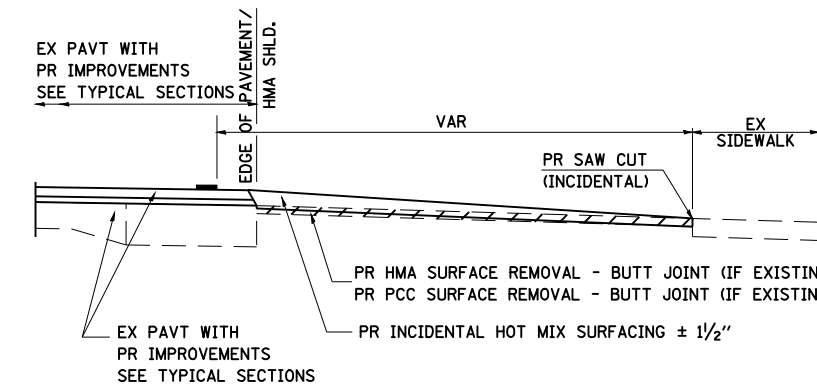
SECTION A-A FOR EX EARTH/AGGREGATE PE



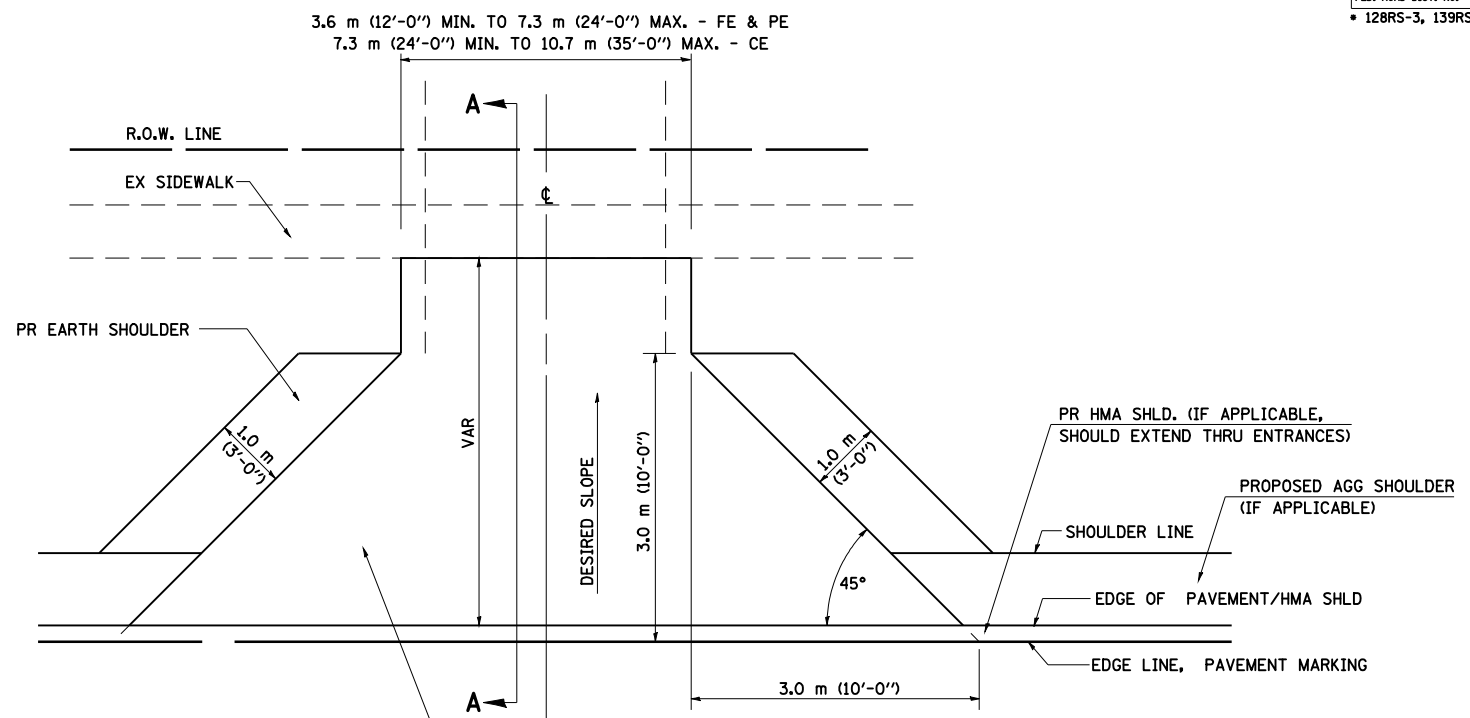
SECTION A-A FOR EX EARTH/AGGREGATE/OIL & CHIP CE & SIDE ROAD



SECTION A-A FOR EX PC CONCRETE PE, CE



SECTION A-A FOR EX HOT-MIX ASPHALT PE, CE & SIDE ROAD & VICTORIA DRIVE



FOR EX EARTH OR AGGREGATE SURFACES:
 PR HMA SURFACE REMOVAL (IF APPLICABLE)
 PR HOT MIX ASPHALT SURFACING (3 1/2'') - PE
 PR HOT MIX ASPHALT SURFACING (8'') - CE

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

FOR EX PCC SURFACES:
 PR PCC DRIVEWAY PAVEMENT (6'') - PE
 PR PCC DRIVEWAY PAVEMENT (8'') - CE

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.

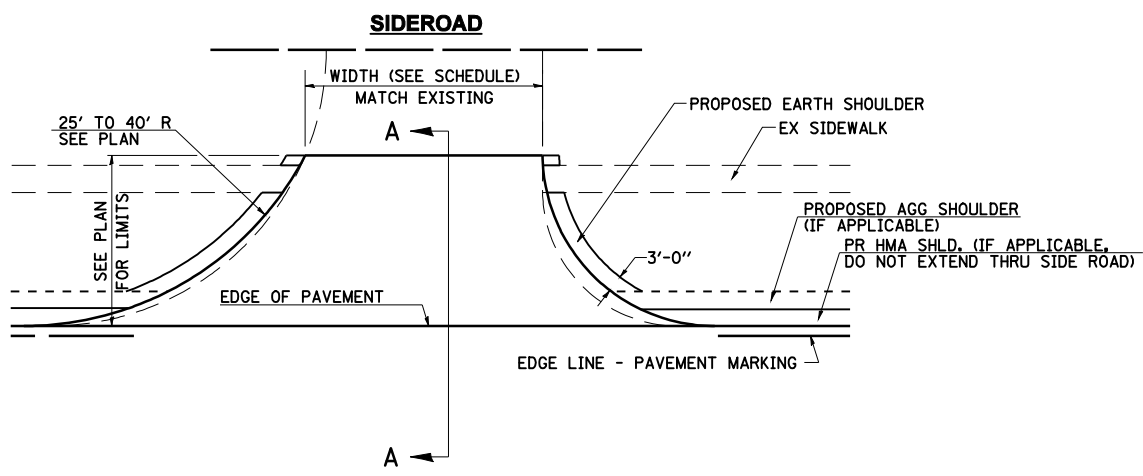
HOT MIX ASPHALT REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

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 HOT MIX ASPHALT 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.

QUANTITIES HAVE BEEN INCLUDED FOR AGGREGATE BASE REPAIR, PREPARATION OF BASE, AND INCIDENTAL HOT-MIX ASPHALT SURFACING FOR ENTRANCES WHICH NEED TO BE WIDENED TO MATCH THE PROPOSED CONFIGURATION.

THE REMOVAL OF EXISTING MATERIAL, OTHER THAN CONCRETE, NECESSARY FOR ENTRANCE CONSTRUCTION WILL BE PAID FOR AS PREPARATION OF BASE. CONCRETE REMOVAL WILL BE PAID FOR AS DRIVEWAY PAVEMENT REMOVAL.



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

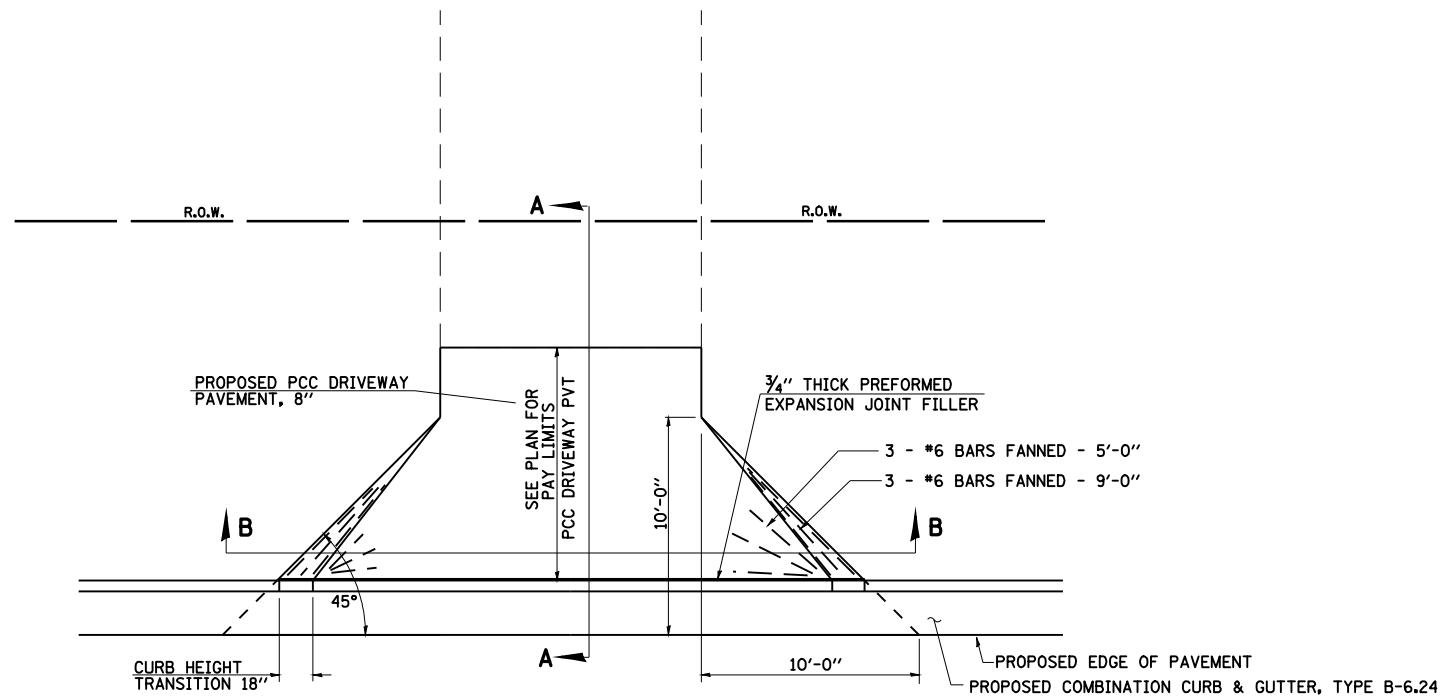
REVISIONS	
NAME	DATE
JCN	2/19/03
JCN	4/01/04

ILLINOIS DEPARTMENT OF TRANSPORTATION
DETAILS FOR URBAN ENTRANCE, MAILBOX TURNOUT & SIDEROADS W/ O CONCRETE GUTTER W/ SIDEWALKS

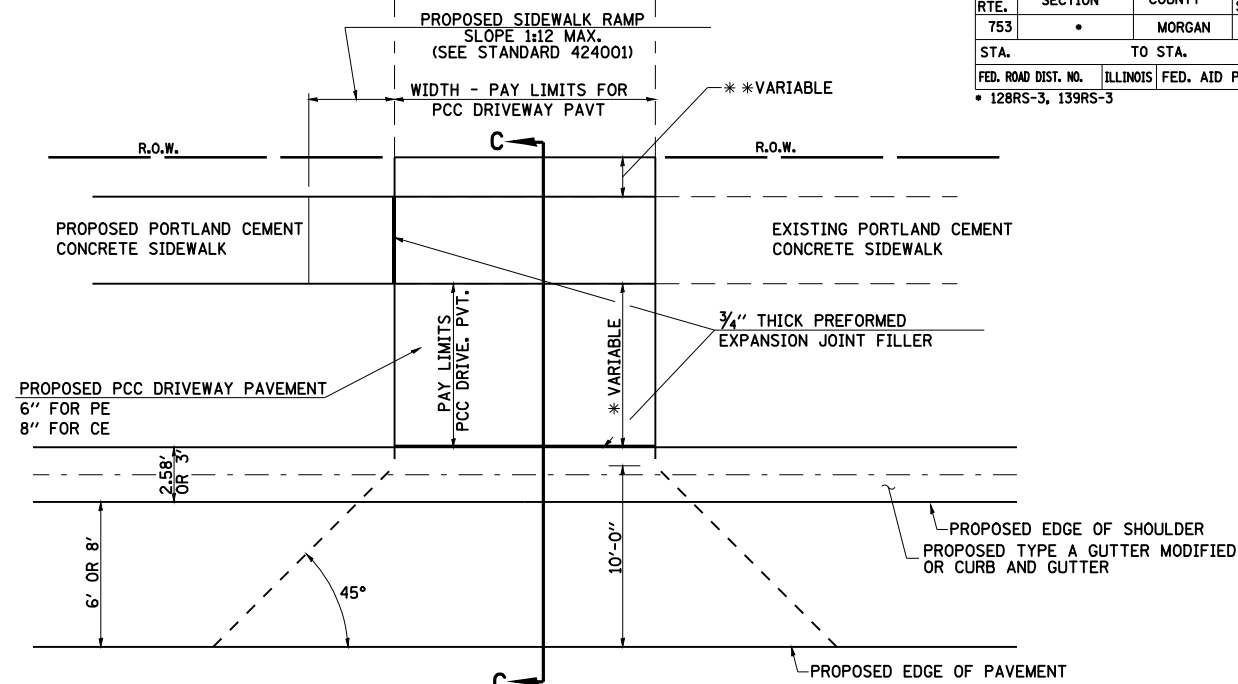
DATE: NOVEMBER 2, 2007
 DRAWN BY CADD
 CHECKED BY JCN

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 PLOT SCALE = 42.383 / IN.
 USER NAME = Jaughn11r-1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	60
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* 128RS-3, 139RS-3				

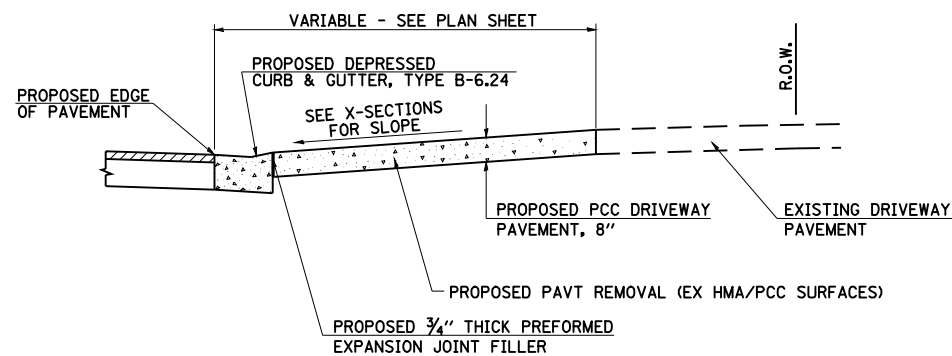


PLAN - PE & CE



PLAN - URBAN PE & CE

- NOTES:
- * IN AREAS WITHOUT PROPOSED SIDEWALK, DRIVEWAY PAVEMENT SHALL MATCH EXISTING FACE OF SIDEWALK. PROVIDE 3/4" THICK PREFORMED EXPANSION JOINT FILLER BETWEEN EXISTING SIDEWALK AND PROPOSED ENTRANCE.
 - ** MATCH IN KIND BEHIND SIDEWALK FOR EX EARTH OR AGGREGATE SURFACES:
PR AGGREGATE SURFACE COURSE, TYPE B (6") - PE/FE
PR PCC DRIVEWAY PAVEMENT (8") - CE
 - FOR HOT-MIX ASPHALT SURFACES:
PR HOT-MIX ASPHALT (3/2") - PE
PR HOT-MIX ASPHALT (8") - CE
 - FOR EX PCC SURFACES:
PR PCC DRIVEWAY PAVEMENT (6") - PE
PR PCC DRIVEWAY PAVEMENT (8") - CE



SECTION A - A

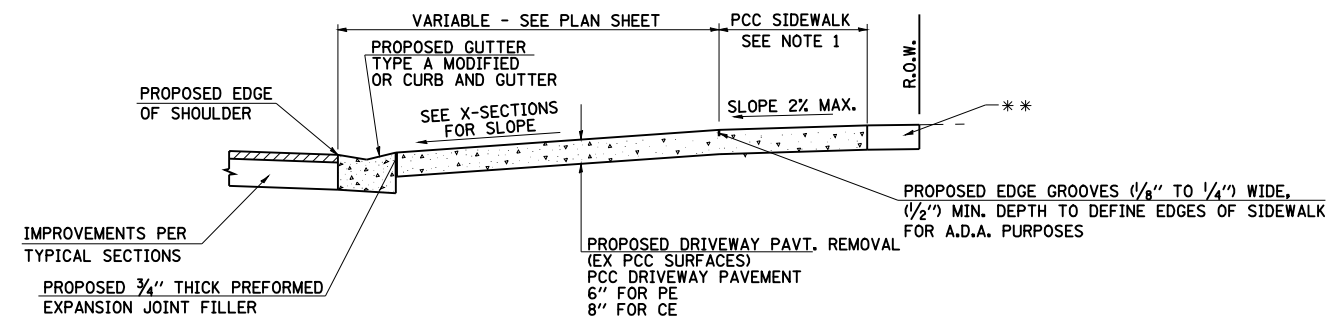


SECTION B - B

NOTE:
THE COST OF FURNISHING AND INSTALLING THE 19 mm (3/4") PREFORMED EXPANSION JOINT FILLER AND REINFORCEMENT BARS SHALL BE INCLUDED IN THE COST OF P.C.C. DRIVEWAY PAVEMENT.

ENTRANCES IN CURB AND GUTTER SECTION WITHOUT SHOULDER

GENERAL NOTES:
THE REMOVAL OF EXISTING MATERIAL, OTHER THAN CONCRETE, NECESSARY FOR ENTRANCE CONSTRUCTION WILL BE PAID FOR AS PREPARATION OF BASE. CONCRETE REMOVAL WILL BE PAID FOR AS DRIVEWAY PAVEMENT REMOVAL.



SECTION C - C

- NOTES:
1. SEE PLAN SHEET / ENTRANCE PROFILE FOR LOCATION OF PROPOSED SIDEWALK.
 2. THE COST OF FURNISHING AND INSTALLING THE 19mm (3/4") PREFORMED EXPANSION JOINT FILLER AND REINFORCEMENT BARS SHALL BE INCLUDED IN THE COST OF P.C.C. DRIVEWAY PAVEMENT.

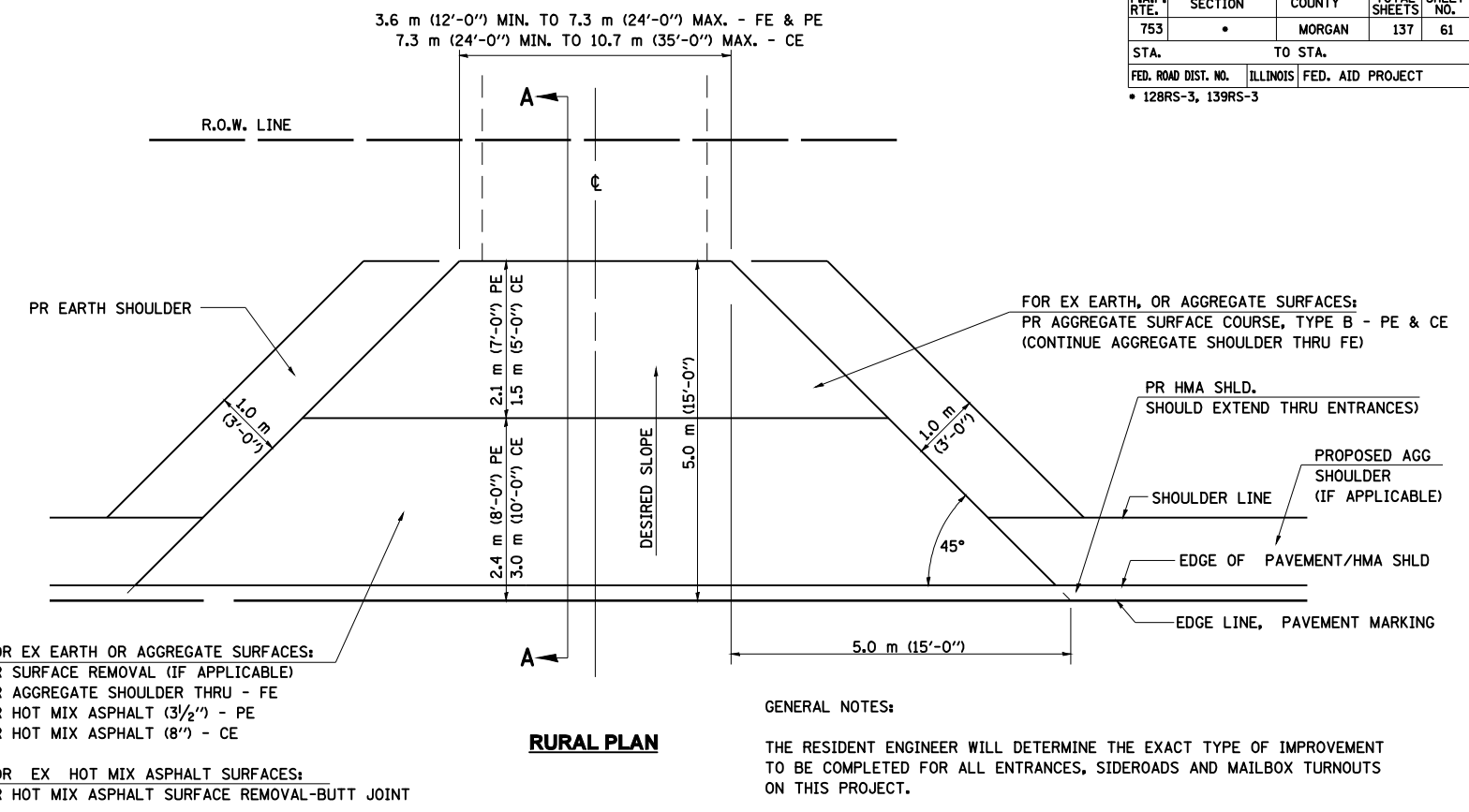
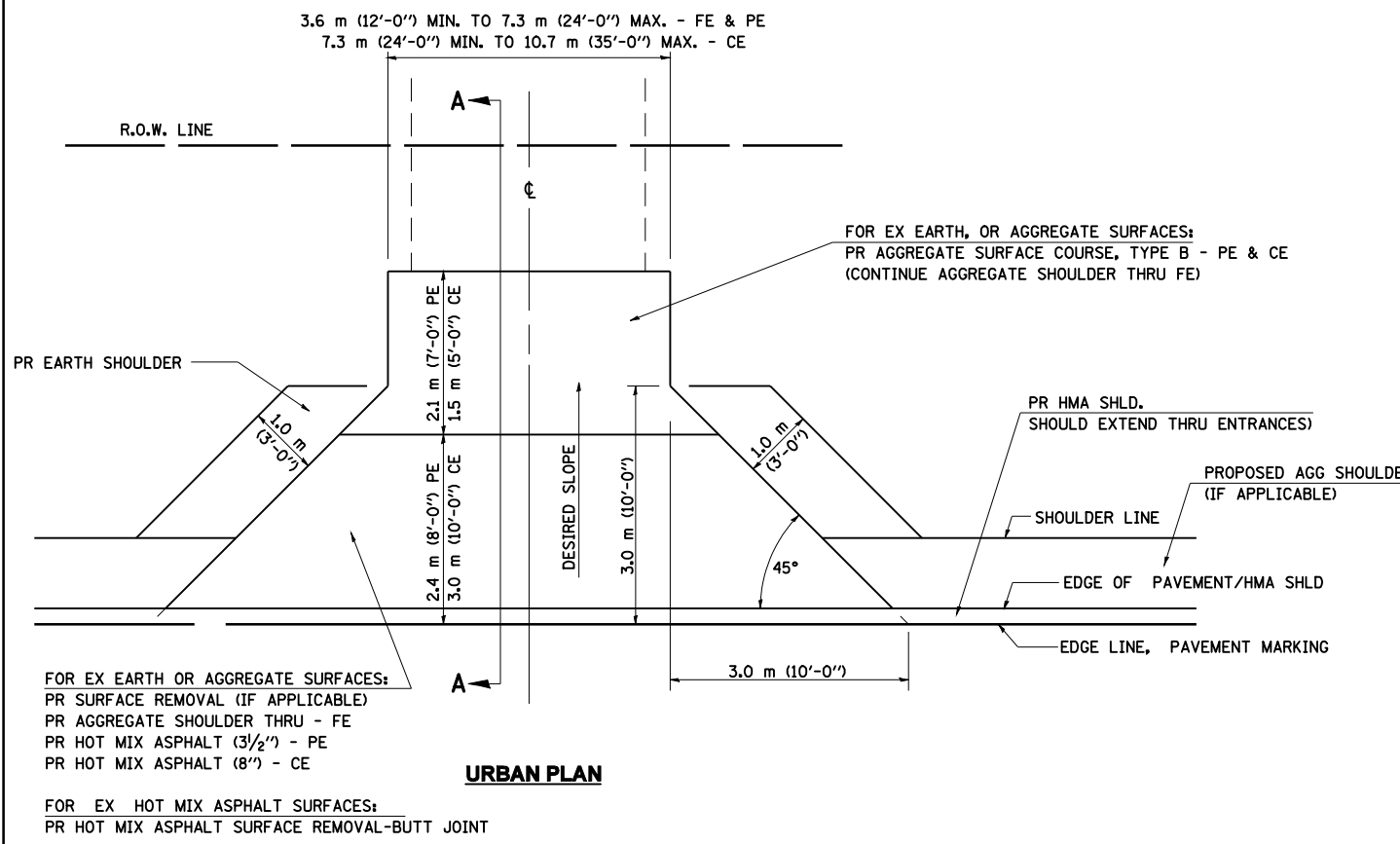
ENTRANCES IN TYPE A MODIFIED GUTTER SECTION AND CURB AND GUTTER SECTION WITH SHOULDER

REVISIONS	
NAME	DATE
JCN	0/20/03

ILLINOIS DEPARTMENT OF TRANSPORTATION
DETAILS FOR ENTRANCES IN TYPE A GUTTER MODIFIED AND CURB AND GUTTER SECTIONS

DATE: NOVEMBER 2, 2007
DRAWN BY CADD
CHECKED BY JCN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	61
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 128RS-3, 139RS-3				



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.

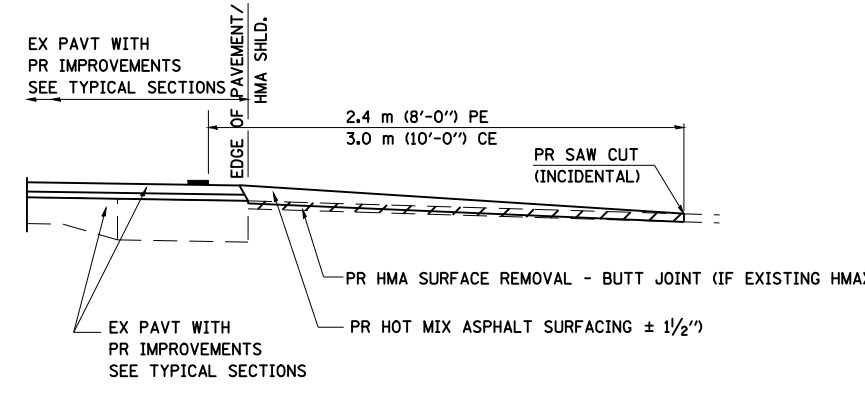
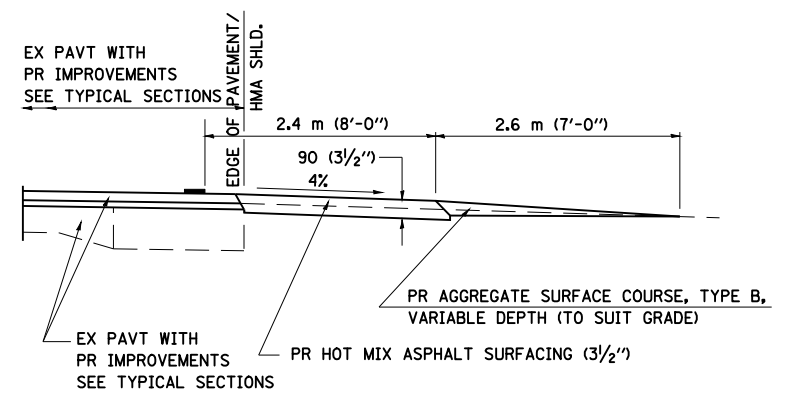
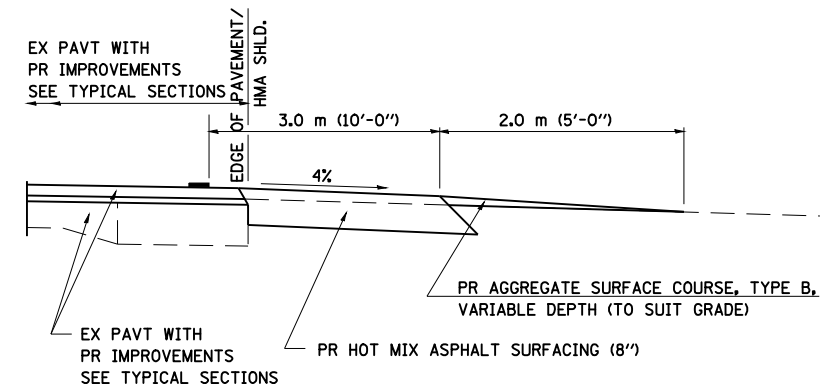
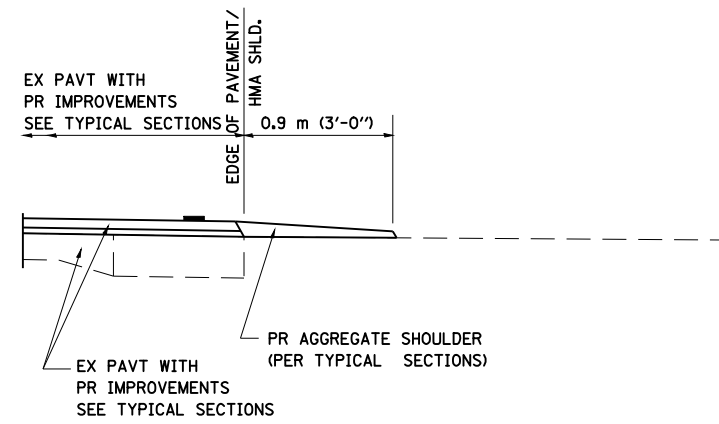
HOT MIX ASPHALT REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

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 HOT MIX ASPHALT 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.

QUANTITIES HAVE BEEN INCLUDED FOR AGGREGATE BASE REPAIR, PREPARATION OF BASE, AND INCIDENTAL HOT MIX ASPHALT SURFACING FOR ENTRANCES WHICH NEED TO BE WIDENED TO MATCH THE PROPOSED CONFIGURATION.

THE REMOVAL OF EXISTING MATERIAL, OTHER THAN CONCRETE, NECESSARY FOR ENTRANCE CONSTRUCTION WILL BE PAID FOR AS PREPARATION OF BASE. CONCRETE REMOVAL WILL BE PAID FOR AS DRIVEWAY PAVEMENT REMOVAL.



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

REVISIONS

NAME	DATE
JCN	2/19/03
JCN	4/01/04
AWM	7/03/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT SIX

DETAILS FOR RURAL / URBAN

ENTRANCE, MAILBOX TURNOUT

W / O CONCRETE GUTTER

AND SIDEWALK

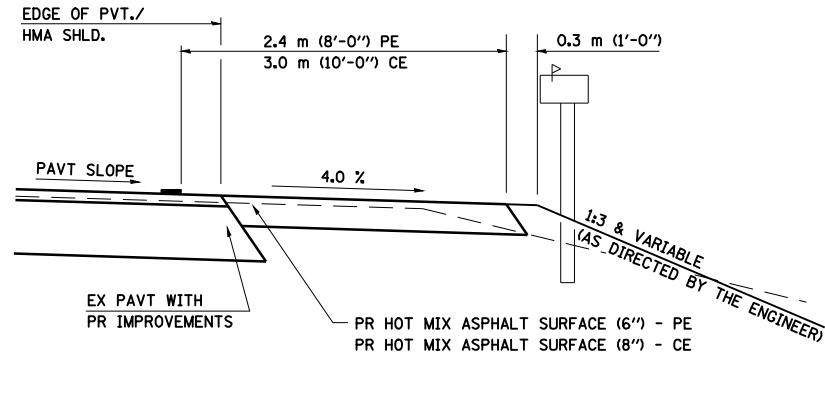
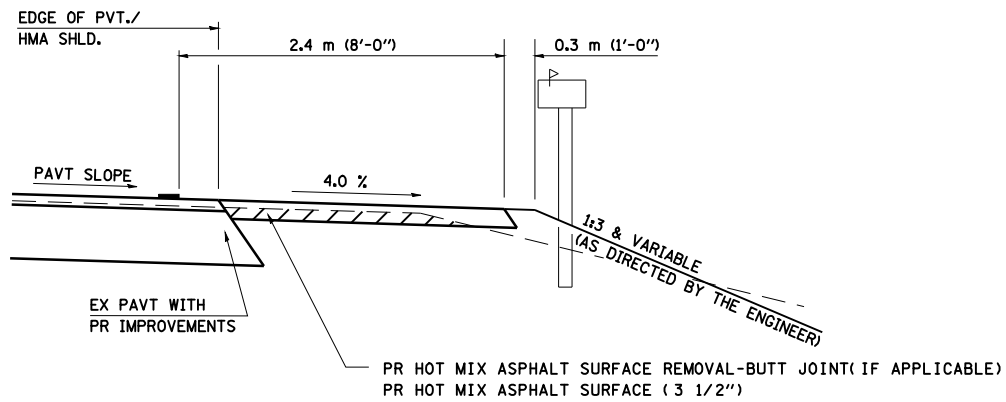
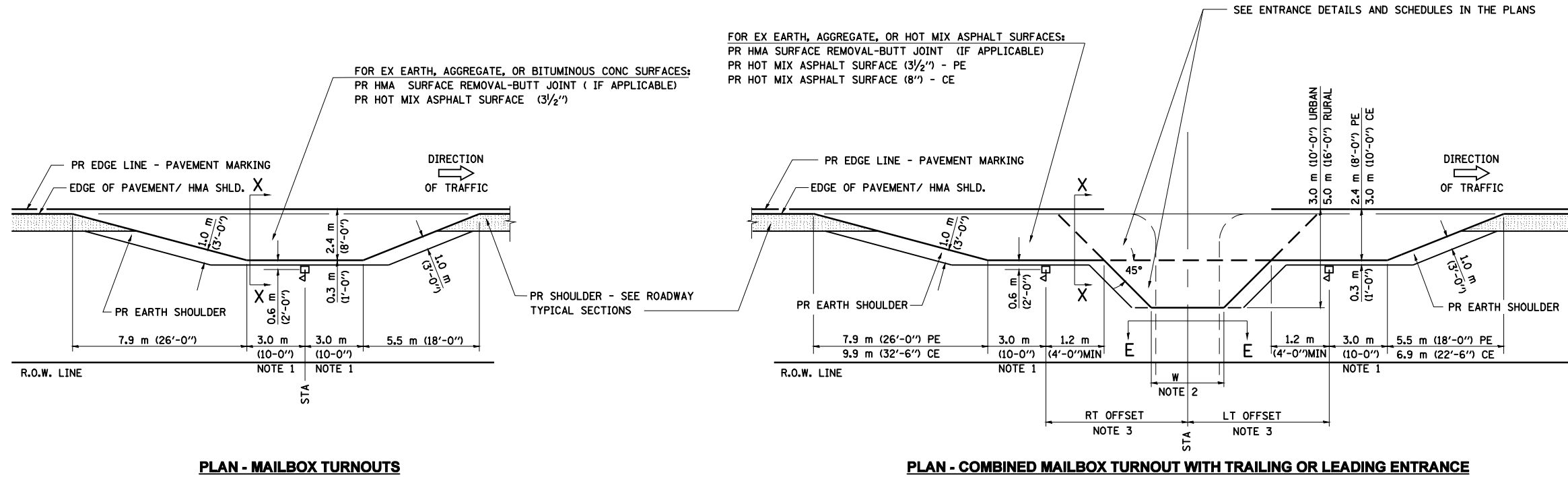
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 PLOT SCALE = 42.963 / IN.
 USER NAME = baughlunf

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	•	MORGAN	137	62
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 128RS-3, 139RS-3				

DETAILS OF MAILBOX TURNOUTS



- 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.

QUANTITIES HAVE BEEN INCLUDED FOR AGGREGATE BASE REPAIR, PREPARATION OF BASE, AND INCIDENTAL HOT MIX ASPHALT SURFACING FOR ENTRANCES WHICH NEED TO BE WIDENED TO MATCH THE PROPOSED CONFIGURATION.

THE REMOVAL OF EXISTING MATERIAL, OTHER THAN CONCRETE, NECESSARY FOR ENTRANCE CONSTRUCTION WILL BE PAID FOR AS PREPARATION OF BASE. CONCRETE REMOVAL WILL BE PAID FOR AS DRIVEWAY PAVEMENT REMOVAL.

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

SHEET 2 OF 2

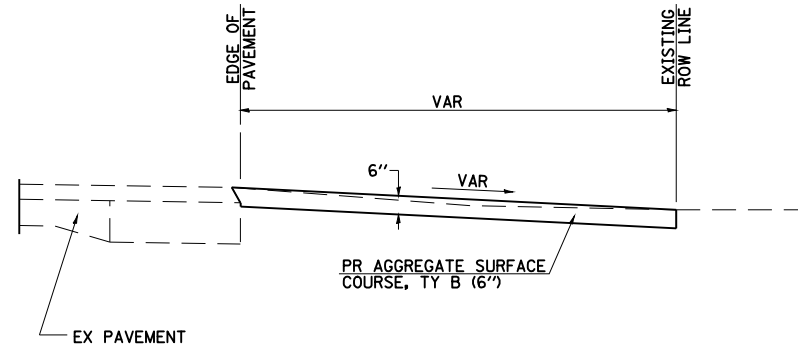
REVISIONS	
NAME	DATE
JCN	2/19/03
JCN	4/01/04

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT SIX
DETAILS FOR RURAL / URBAN
ENTRANCE, MAILBOX TURNOUT
W/ O CONCRETE GUTTER
& SIDEWALK

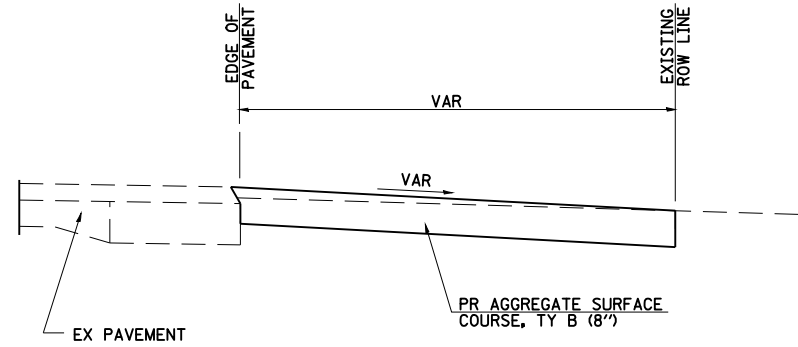
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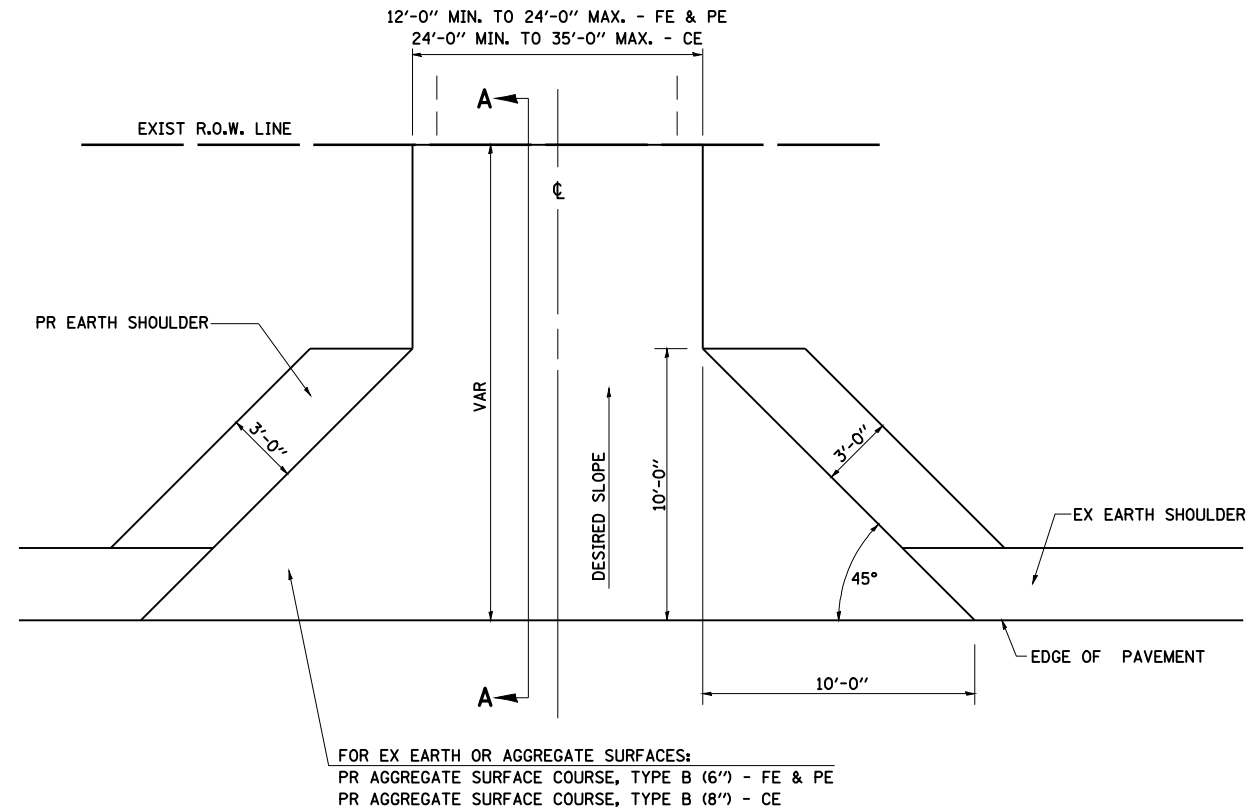
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	•	MORGAN	137	63
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 128RS-3, 139RS-3				



SECTION A-A FOR EX EARTH/AGGREGATE FE & PE



SECTION A-A FOR EX EARTH/AGGREGATE CE



GENERAL NOTES:

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES 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.

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

THE REMOVAL OF EXISTING MATERIAL NECESSARY FOR ENTRANCE CONSTRUCTION WILL BE PAID FOR AS PREPARATION OF BASE.

REVISIONS	
NAME	DATE

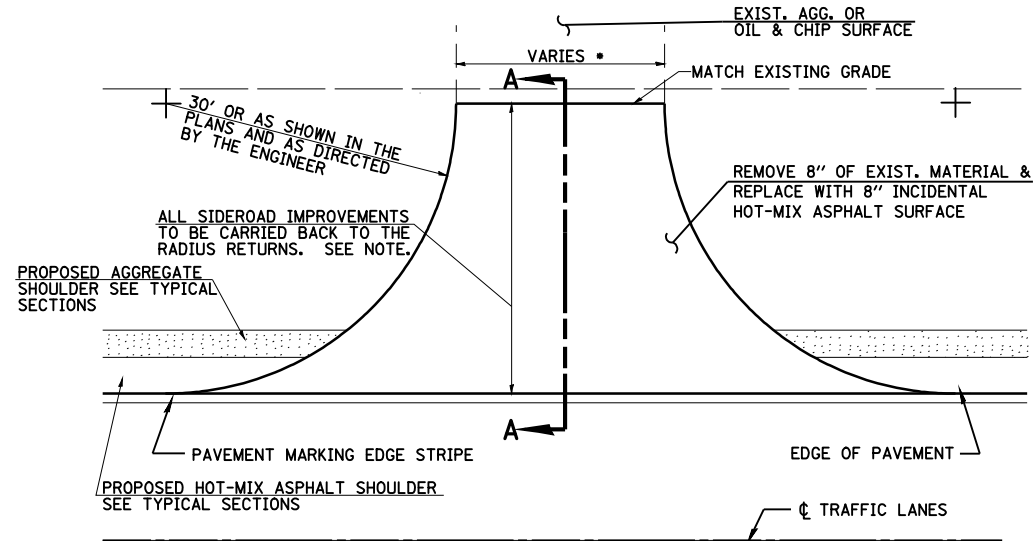
ILLINOIS DEPARTMENT OF TRANSPORTATION

**ENTRANCE DETAILS
MORGAN STREET**

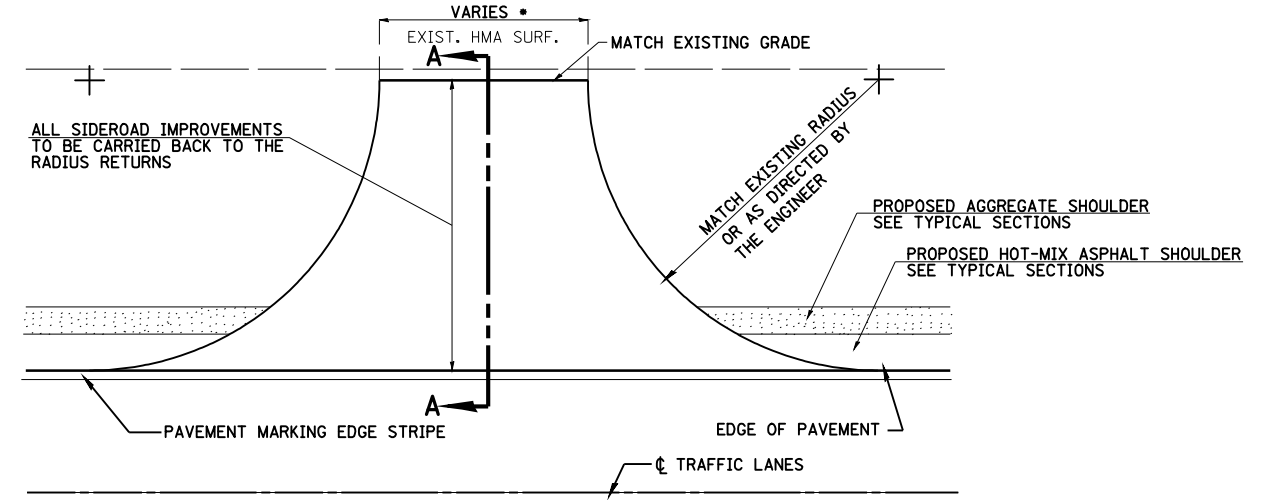
DATE NOVEMBER 2, 2007
DRAWN BY TJD
CHECKED BY AWM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	•	MORGAN	137	64
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 128RS-3, 139RS-3				

AGGREGATE AND OIL & CHIP SIDEROAD DETAIL



HOT MIX ASPHALT/PCC SIDEROAD DETAIL

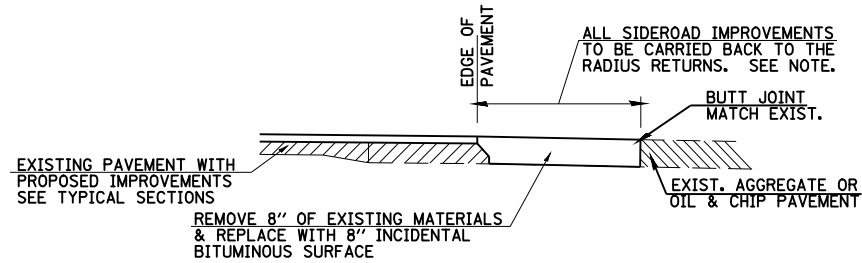


NOTES: THE REMOVAL OF EXISTING MATERIAL NECESSARY FOR SIDEROAD CONSTRUCTION WILL BE PAID FOR AS PREPARATION OF BASE.

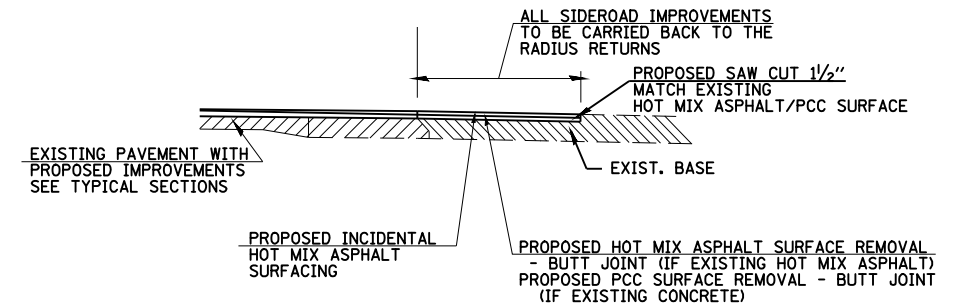
MORGAN STREET LIMITS SHALL BE AS SHOWN IN THE PLANS.

MORGAN STREET CROSS SLOPE SHALL BE 1.5%.

* AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.



SECTION A-A



SECTION A-A

* AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

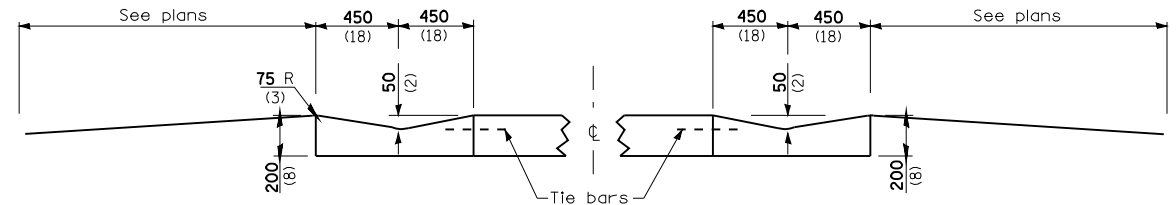
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

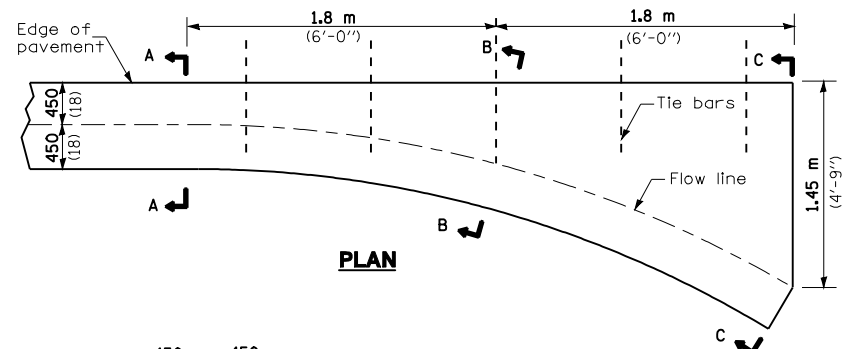
SIDEROAD DETAILS IN AREAS WITHOUT CONCRETE GUTTER AND SIDEWALK

DATE NOVEMBER 2, 2007
DRAWN BY TJD
CHECKED BY AWM

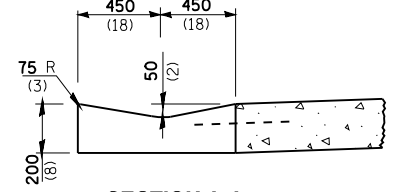
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 128RS-3, 139RS-3				



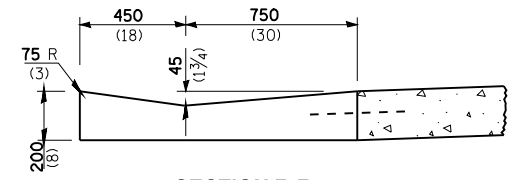
CONCRETE GUTTER, TYPE A (MODIFIED)



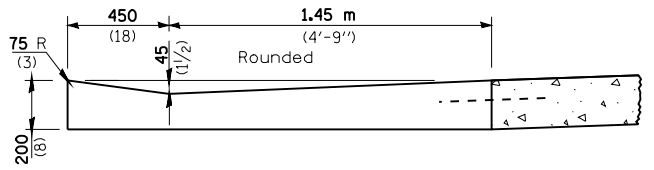
SECTION A-A



QUANTITY
Section C-C to A-A
0.90 m³ (1.18 cu. yd.)
concrete.

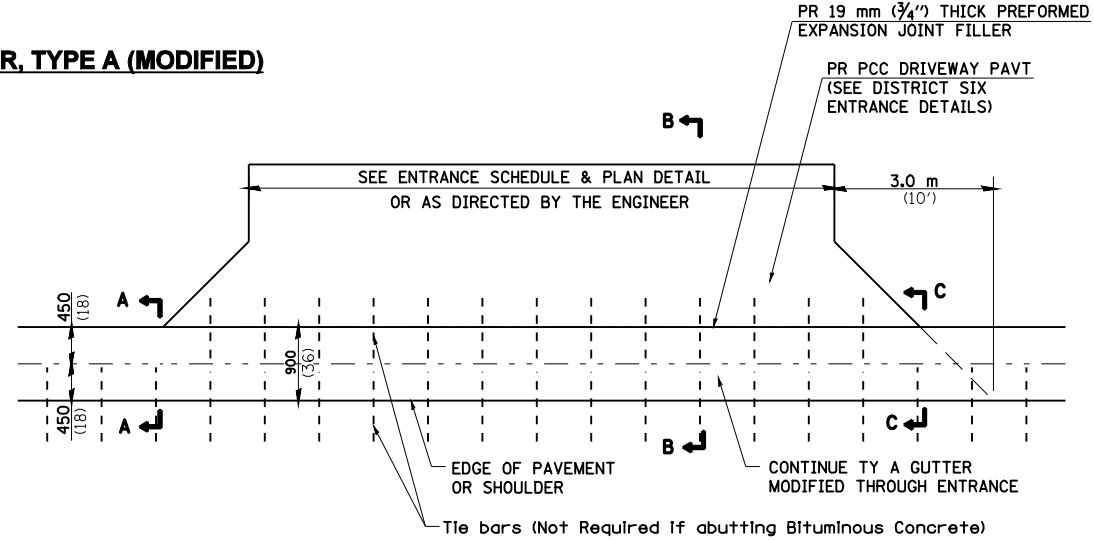


SECTION B-B

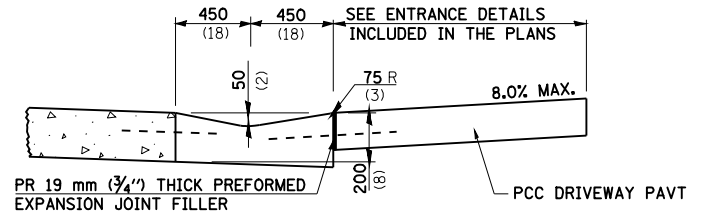
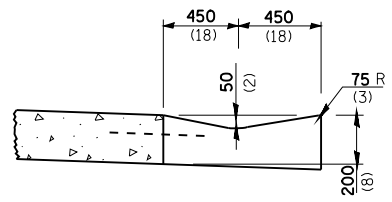


SECTION C-C

INLET



SECTION A-A & C-C



SECTION B-B

ENTRANCE

GENERAL NOTES

- Tie bars shall be No. 20 (No. 6) at 600 mm (24") centers unless otherwise shown.
- Gutter, gutter inlet, gutter outlet and gutter entrance shall be tied to the pavement in accordance with details for longitudinal construction joint shown on Standard 420001.
- Two 32 mm x 450 mm (1-1/4" x 18") dowel bars shall be installed in all joints when the gutter is constructed adjacent to flexible pavement.

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

REVISIONS	
NAME	DATE
JCN	2/19/03

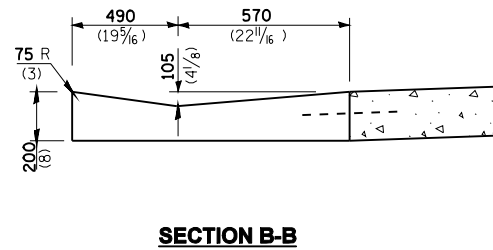
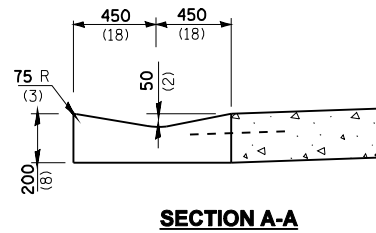
ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT SIX DETAILS FOR GUTTER, TYPE A (MODIFIED) (INLET, OUTLET & ENTRANCE)

DATE: NOVEMBER 2, 2007
DRAWN BY CAD
CHECKED BY JCN

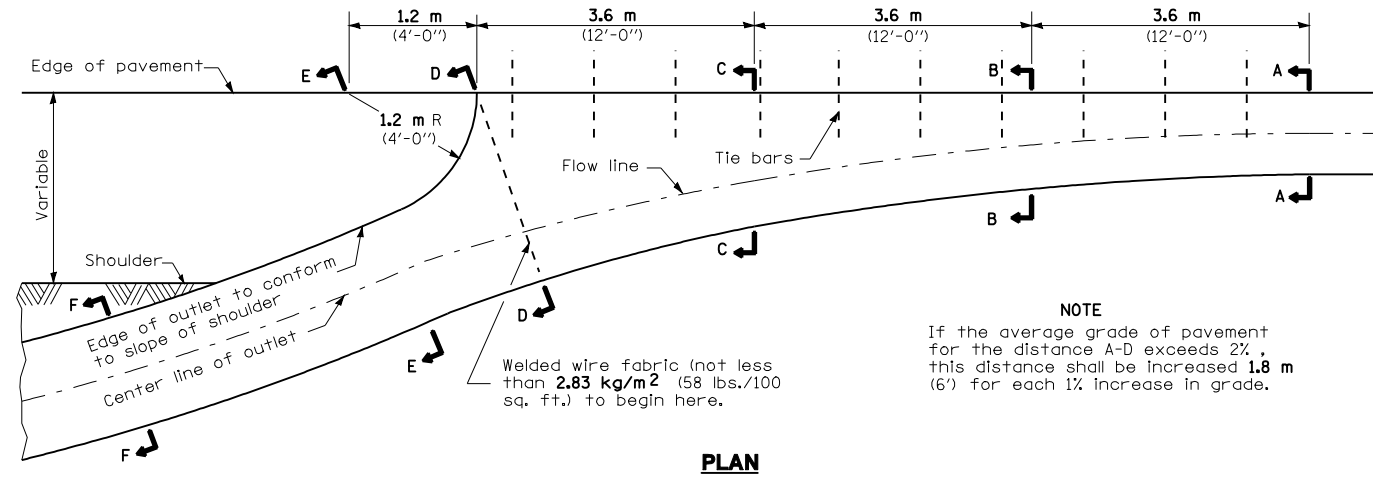
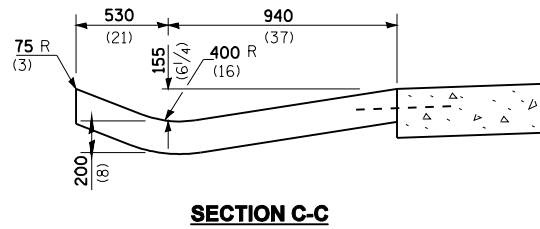
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 USER NAME = Jaughlinr1

TYPE A GUTTER MODIFIED

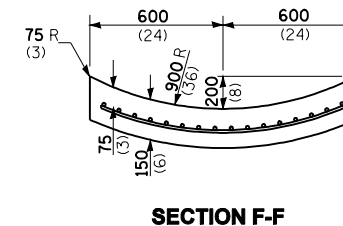
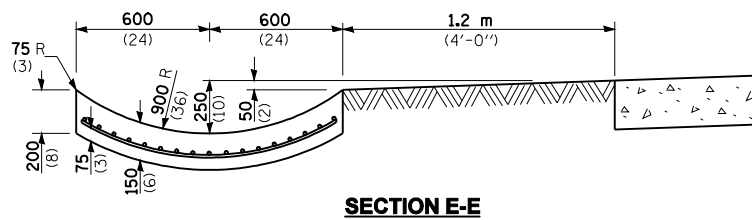
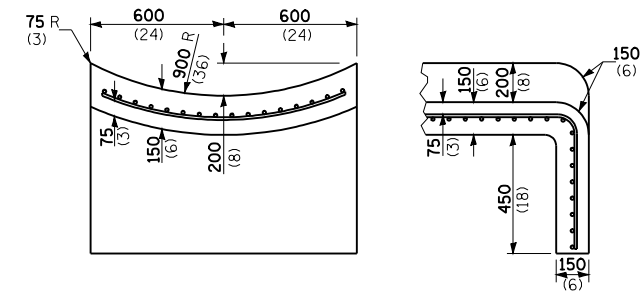
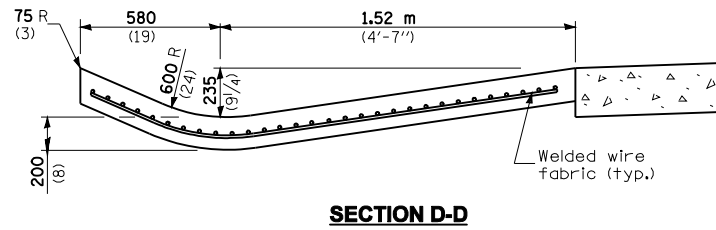
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	•	MORGAN	137	66
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• 128RS-3, 139RS-3				



QUANTITY
 Section A-A to E-E and curtain wall
 3.60 m³ (4.71 cu. yd.) concrete.
 Section F-F = 0.2 m³/m
 (0.079 cu. yd./ft.)



NOTE
 If the average grade of pavement for the distance A-D exceeds 2%, this distance shall be increased 1.8 m (6') for each 1% increase in grade.



OUTLET

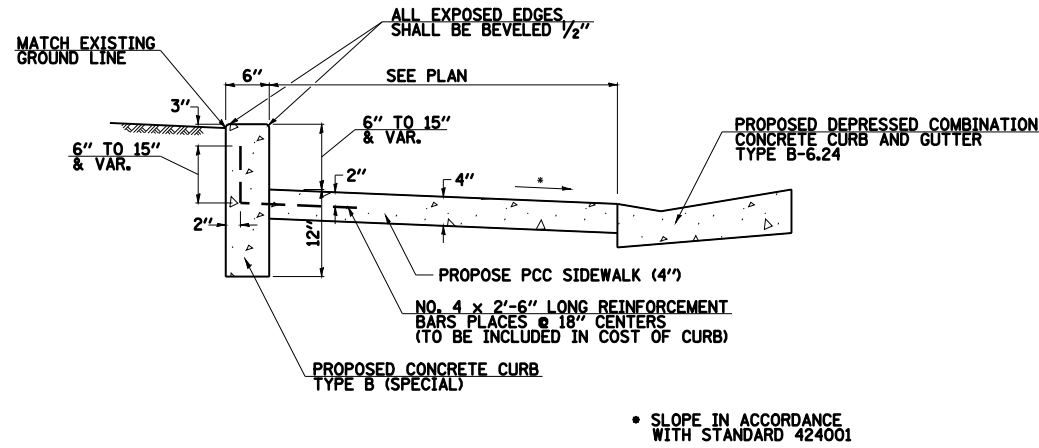
All dimensions are in millimeters (Inches) unless otherwise shown.

REVISIONS	
NAME	DATE
JCN	2/19/03

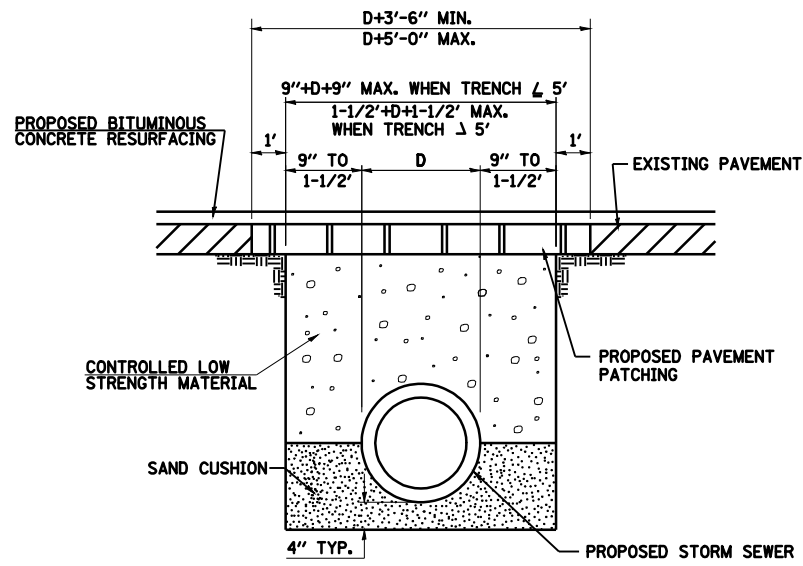
SHEET 2 OF 2
 ILLINOIS DEPARTMENT OF TRANSPORTATION
**DISTRICT SIX DETAILS FOR
 GUTTER, TYPE A (MODIFIED)
 (INLET, OUTLET & ENTRANCE)**

DATE: NOVEMBER 2, 2007
 DRAWN BY CAD
 CHECKED BY JCN

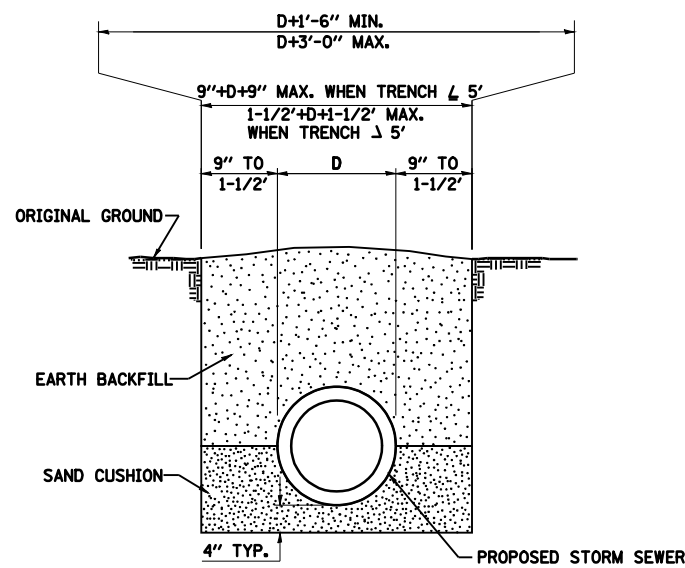
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	67
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* 128RS-3, 139RS-3				



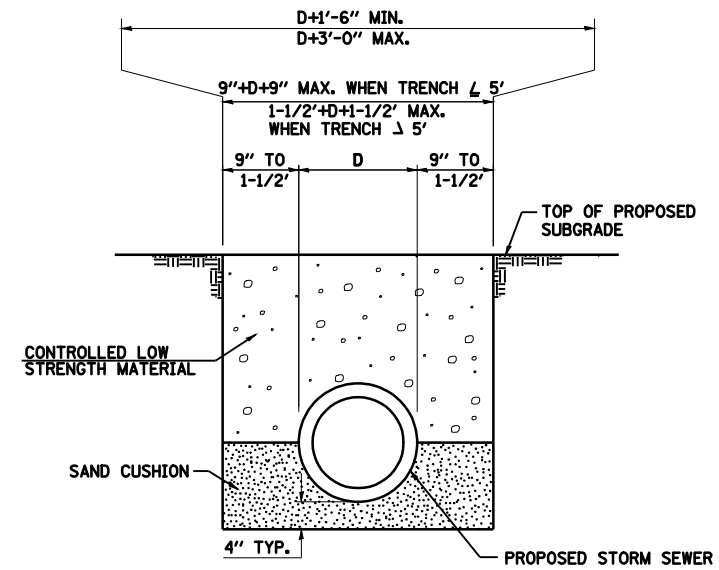
DETAIL OF CONCRETE CURB, TYPE B (SPECIAL)



DETAIL OF TRENCH EXCAVATION, PAVEMENT REMOVAL, PAVEMENT REPLACEMENT AND BACKFILL FOR STORM SEWER UNDER EXISTING PAVEMENT



DETAIL OF TRENCH EXCAVATION AND BACKFILL FOR STORM SEWER UNDER TURF



DETAIL OF TRENCH EXCAVATION, AND BACKFILL FOR STORM SEWER UNDER PROPOSED ROADWAY PAVEMENT AND ENTRANCES

PLOT DATE = Jan-16-2009 09:45:04
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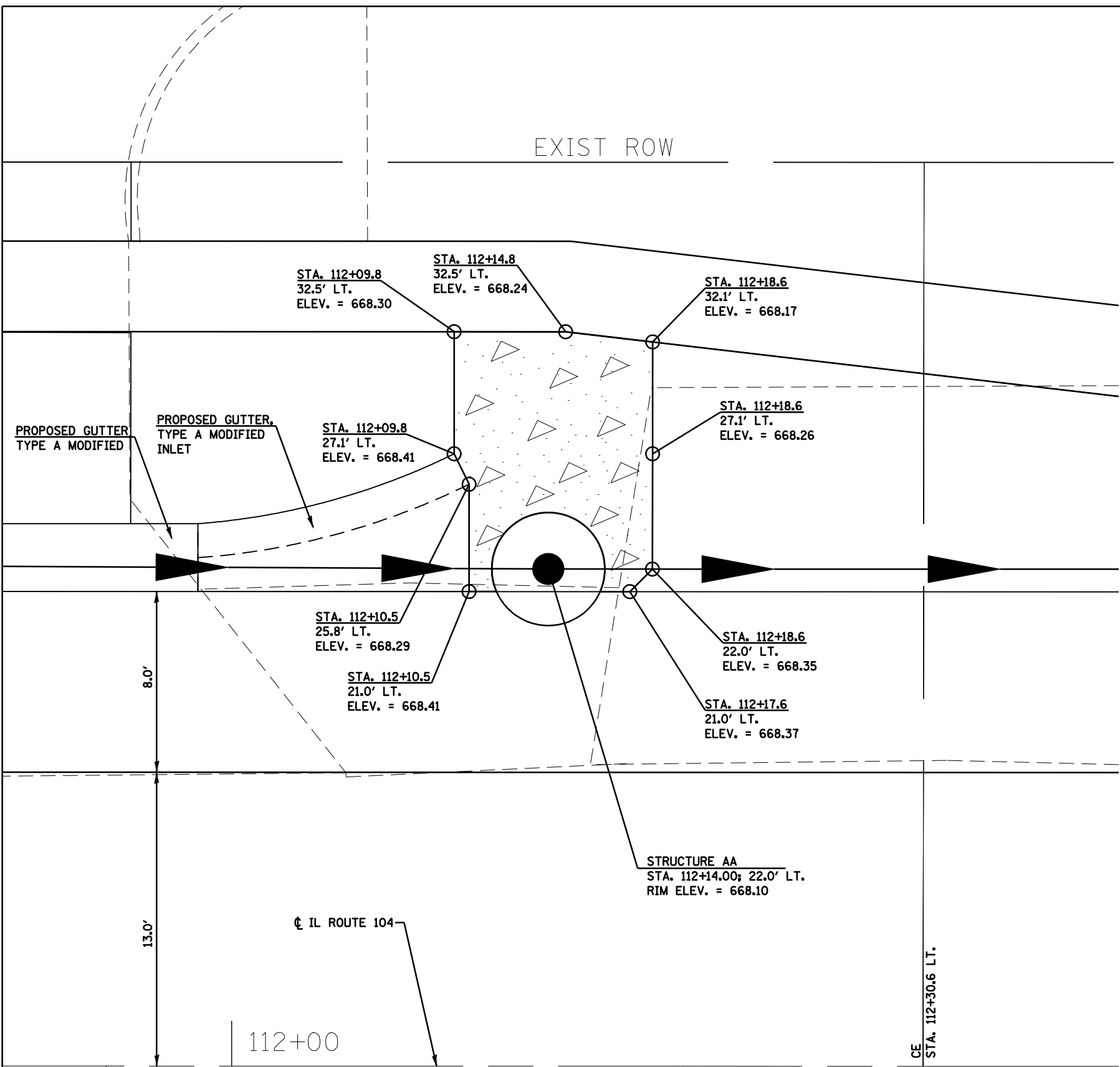
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SPECIAL DETAILS

DRAWN BY TJD
 CHECKED BY AWM
 DATE: NOVEMBER 2, 2007

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	*	MORGAN	137	68
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 128RS-3, 139RS-3				



NOTES:

1. 8" MINIMUM THICKNESS SHALL BE PROVIDED FOR CONCRETE PAD.
2. COST OF CONCRETE PAD SHALL BE PAID PER CU. YD. FOR "CLASS SI CONCRETE (OUTLET)."

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 USER NAME = baughman1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAIL FOR CLASS SI CONCRETE (OUTLET) AT DRAINAGE STRUCTURE STA. 112+14.00, 21.0' LT.

SCALE: VERT. DATE: JULY 23, 2007

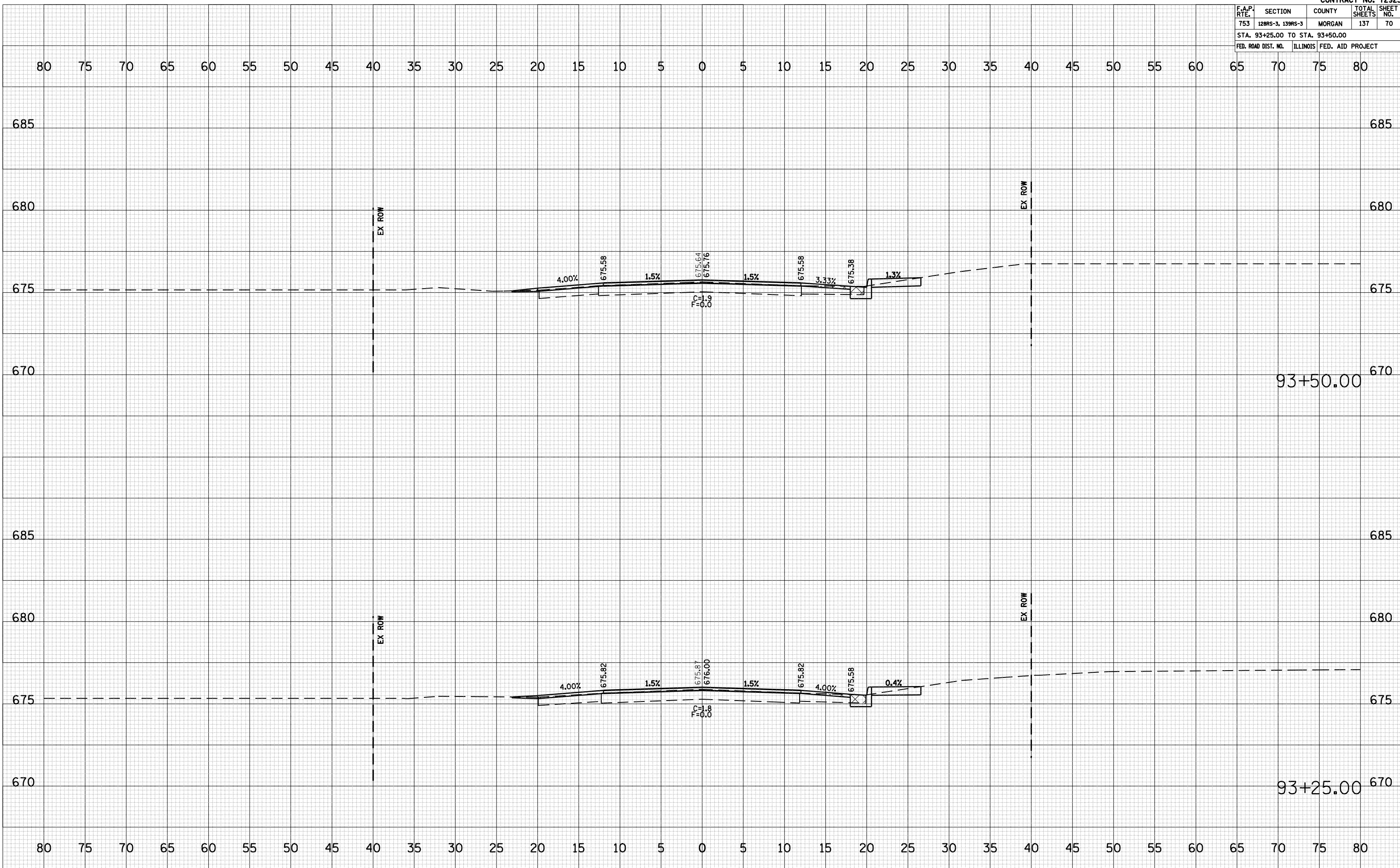
DRAWN BY: FML
CHECKED BY: PBL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	128RS-3, 139RS-3	MORGAN	137	70
STA. 93+25.00 TO STA. 93+50.00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY _____ DATE _____
 SURVEYED _____
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 NOTE BOOK _____
 AREAS CHECKED _____
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BY _____ DATE _____
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 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

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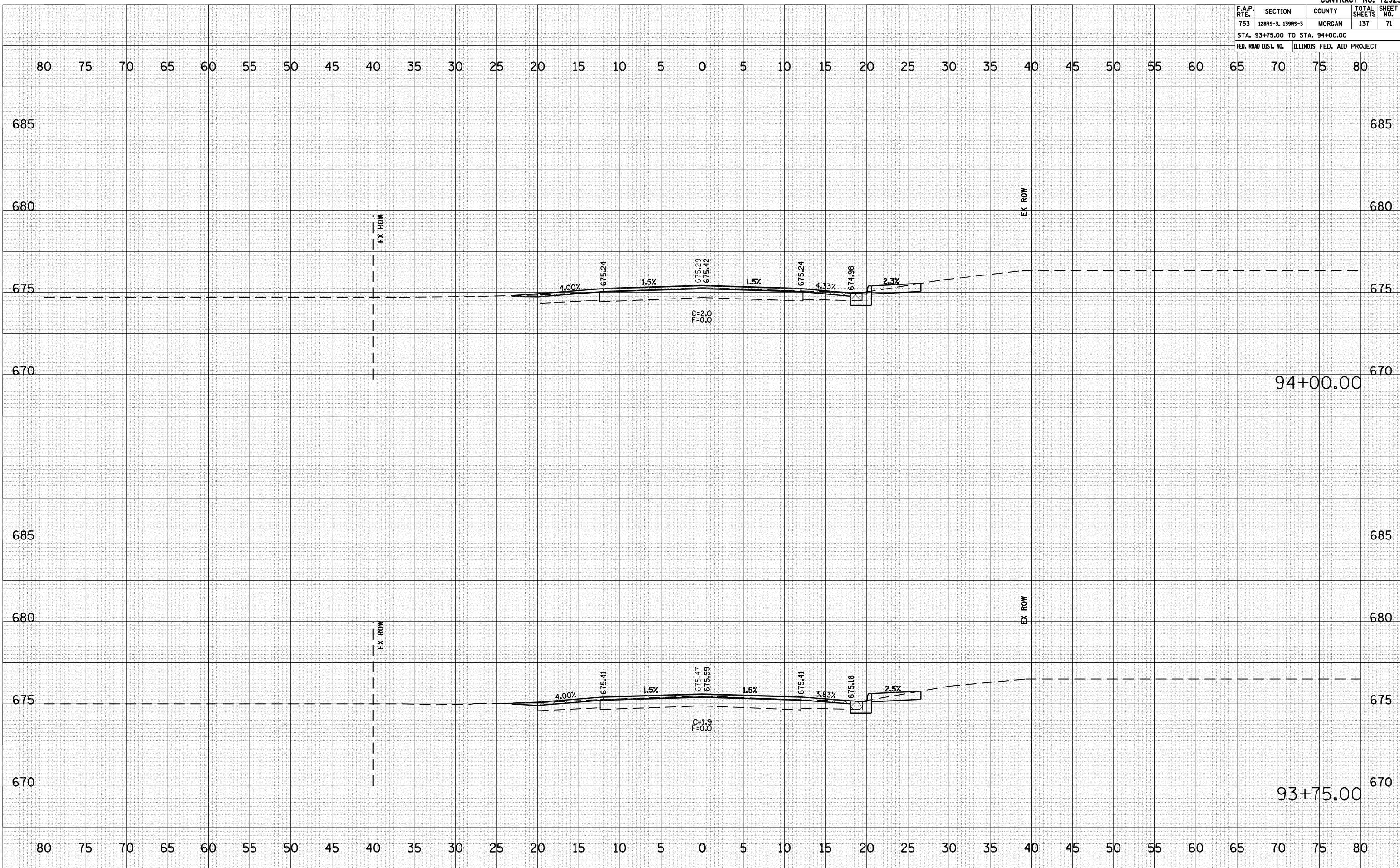


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	128RS-3, 139RS-3	MORGAN	137	71
STA. 93+75.00 TO STA. 94+00.00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY _____ DATE _____
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 NOTE BOOK _____
 AREAS CHECKED _____
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BY _____ DATE _____
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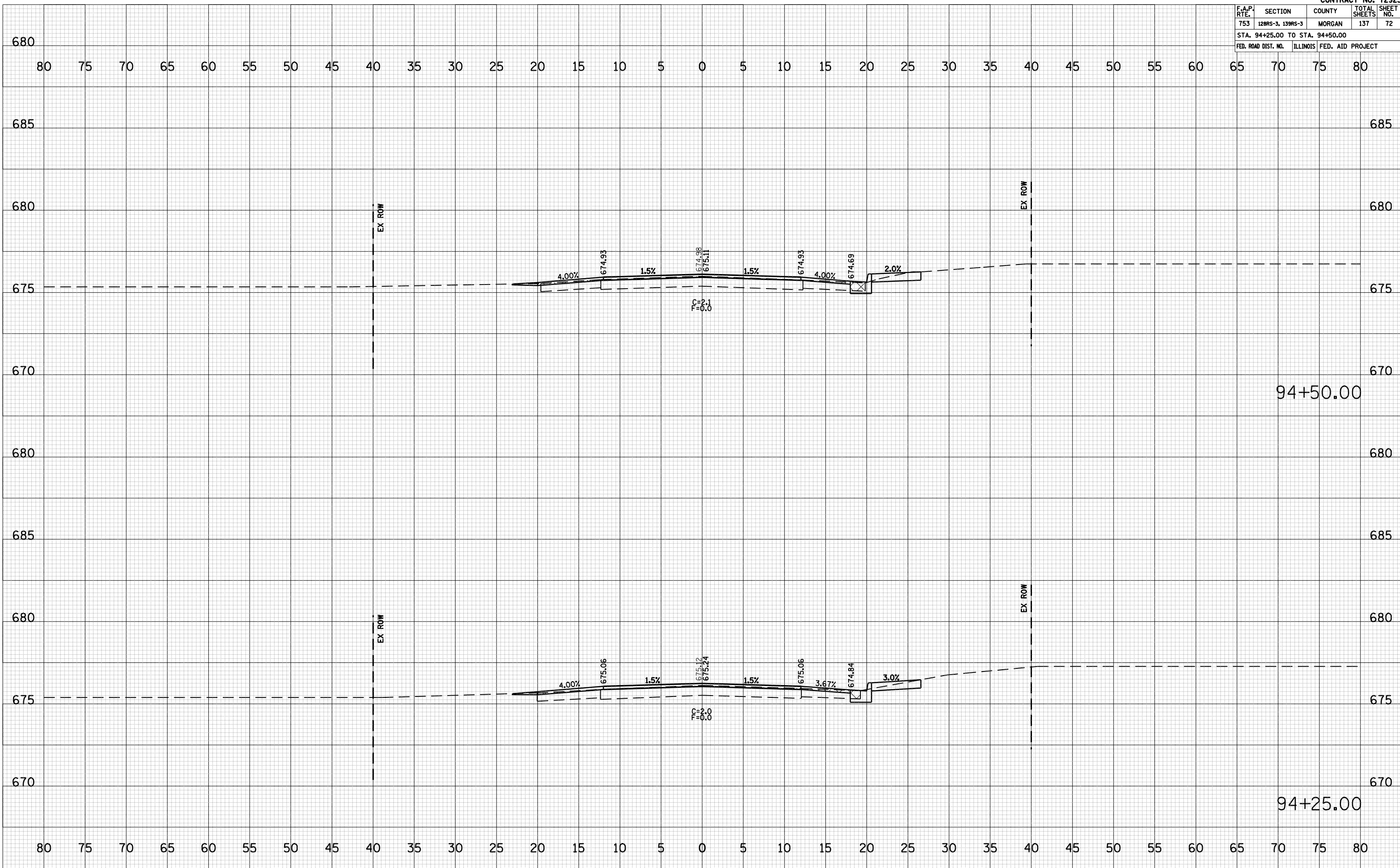
IL ROUTE 104 CROSS SECTIONS, STA. 93+75.00 TO STA. 94+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	128RS-3, 139RS-3	MORGAN	137	72
STA. 94+25.00 TO STA. 94+50.00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY _____ DATE _____
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____
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BY _____ DATE _____
 SURVEYED _____
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 NOTE BOOK _____
 AREAS CHECKED _____
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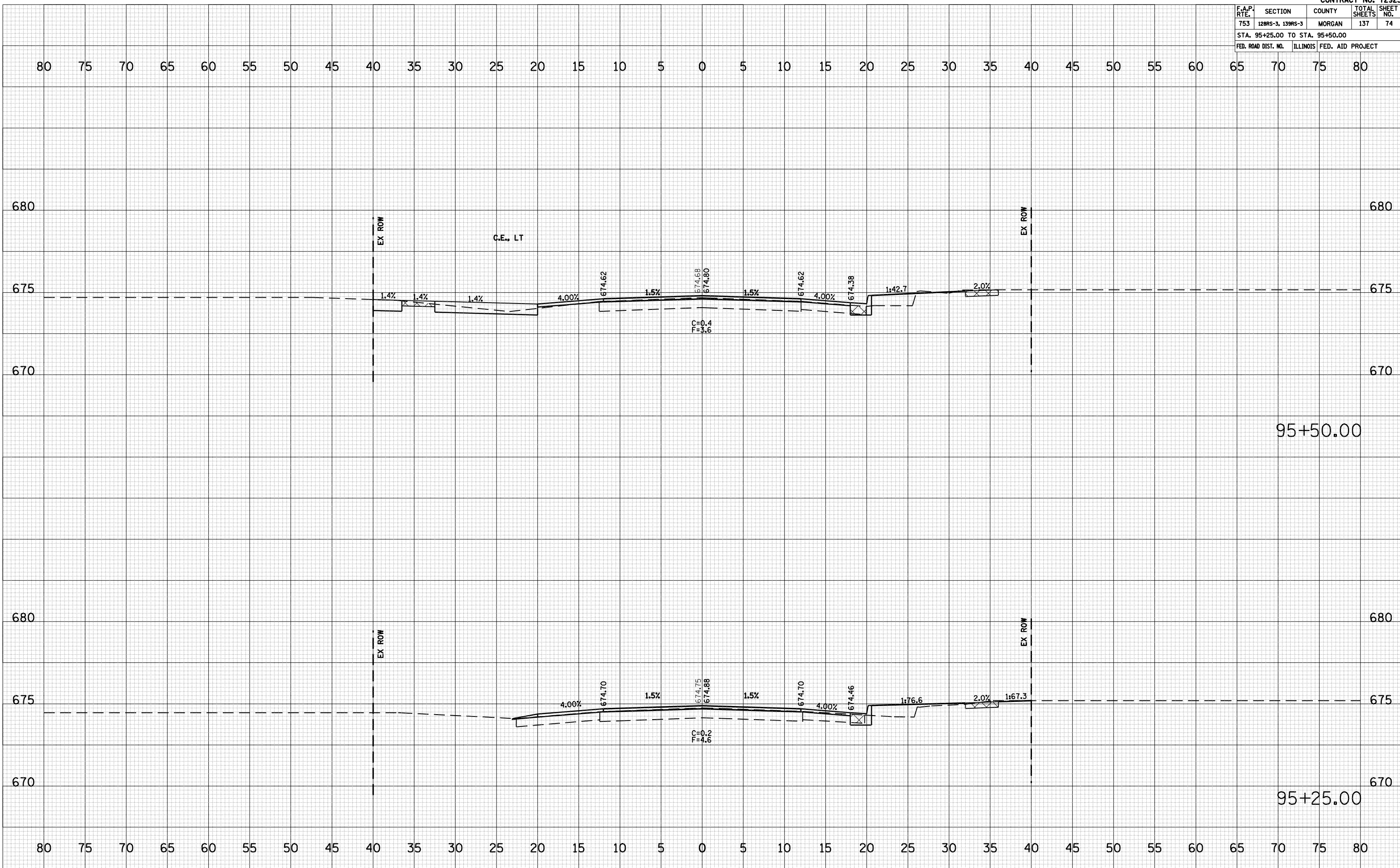
IL ROUTE 104 CROSS SECTIONS, STA. 94+25.00 TO STA. 94+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	128RS-3, 139RS-3	MORGAN	137	74
STA. 95+25.00 TO STA. 95+50.00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY _____ DATE _____
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 NOTE BOOK _____
 AREAS CHECKED _____
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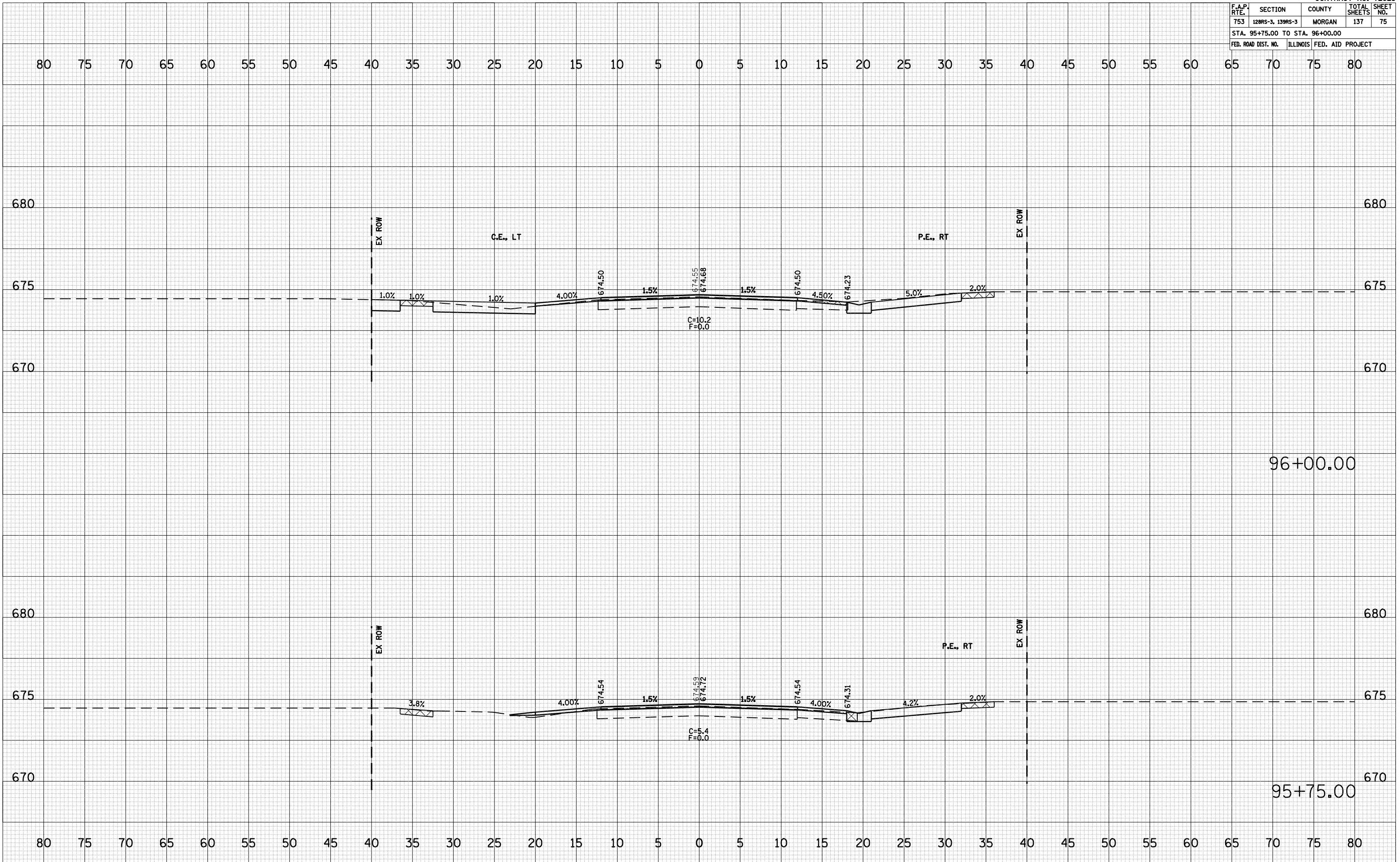
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 USER NAME = Jaughlin-1



IL ROUTE 104 CROSS SECTIONS, STA. 95+25.00 TO STA. 95+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	128RS-3, 139RS-3	MORGAN	137	75
STA. 95+75.00 TO STA. 96+00.00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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NOTE BOOK _____
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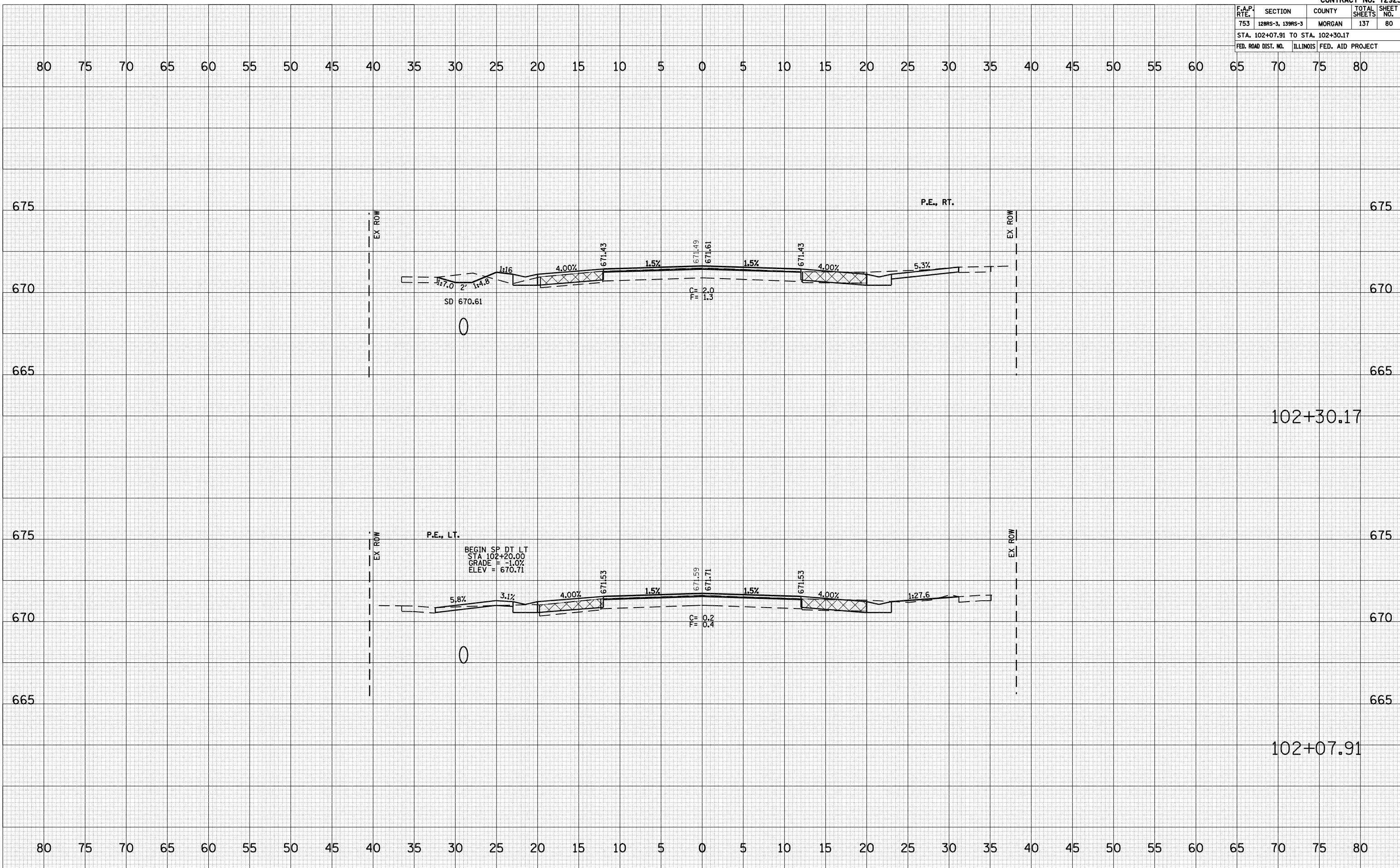
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USER NAME = laughtlin-1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	128RS-3, 139RS-3	MORGAN	137	80
STA. 102+07.91 TO STA. 102+30.17				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY _____ DATE _____
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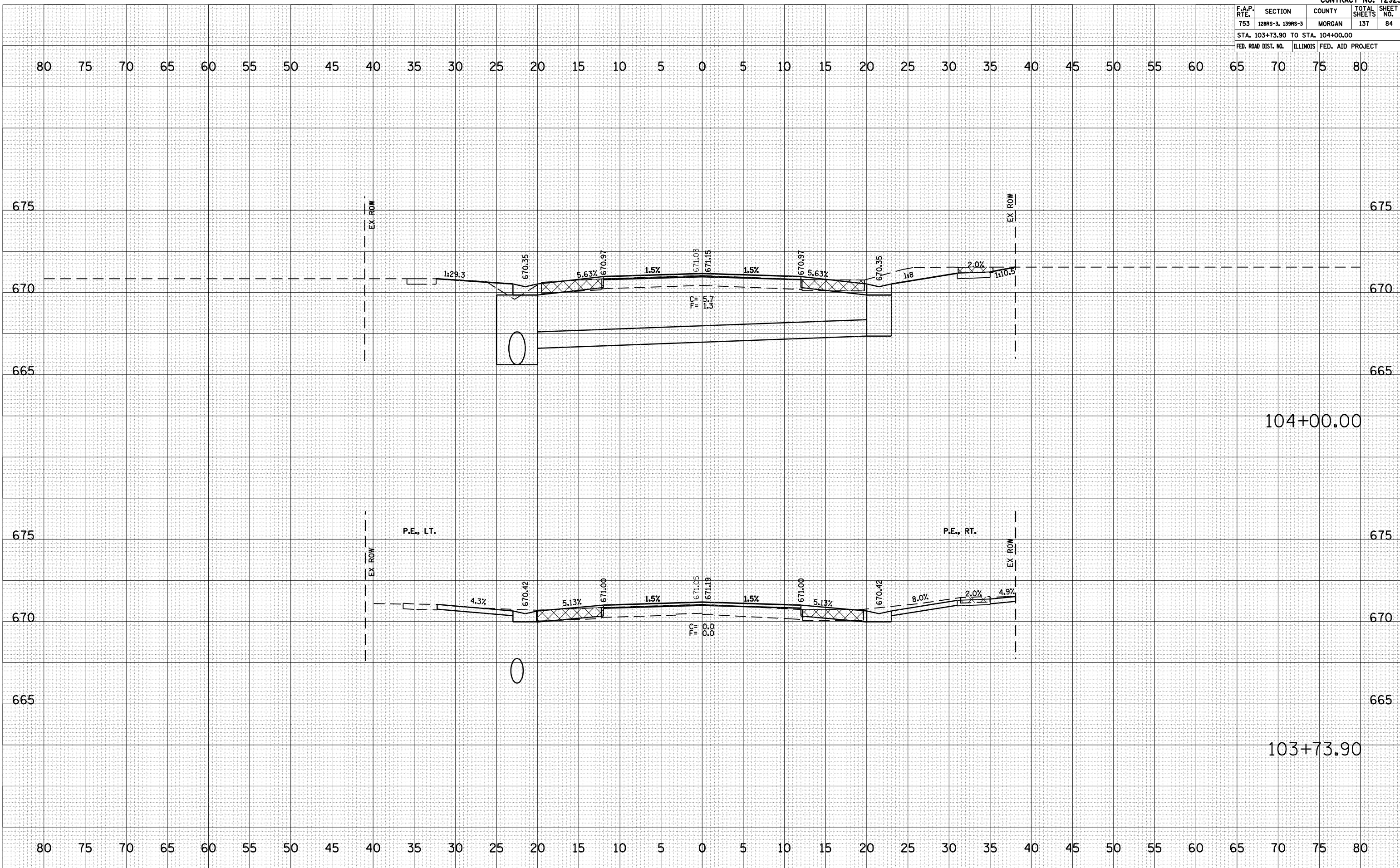


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	128RS-3, 139RS-3	MORGAN	137	84
STA. 103+73.90 TO STA. 104+00.00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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 NOTE BOOK _____
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BY _____ DATE _____
 SURVEYED _____
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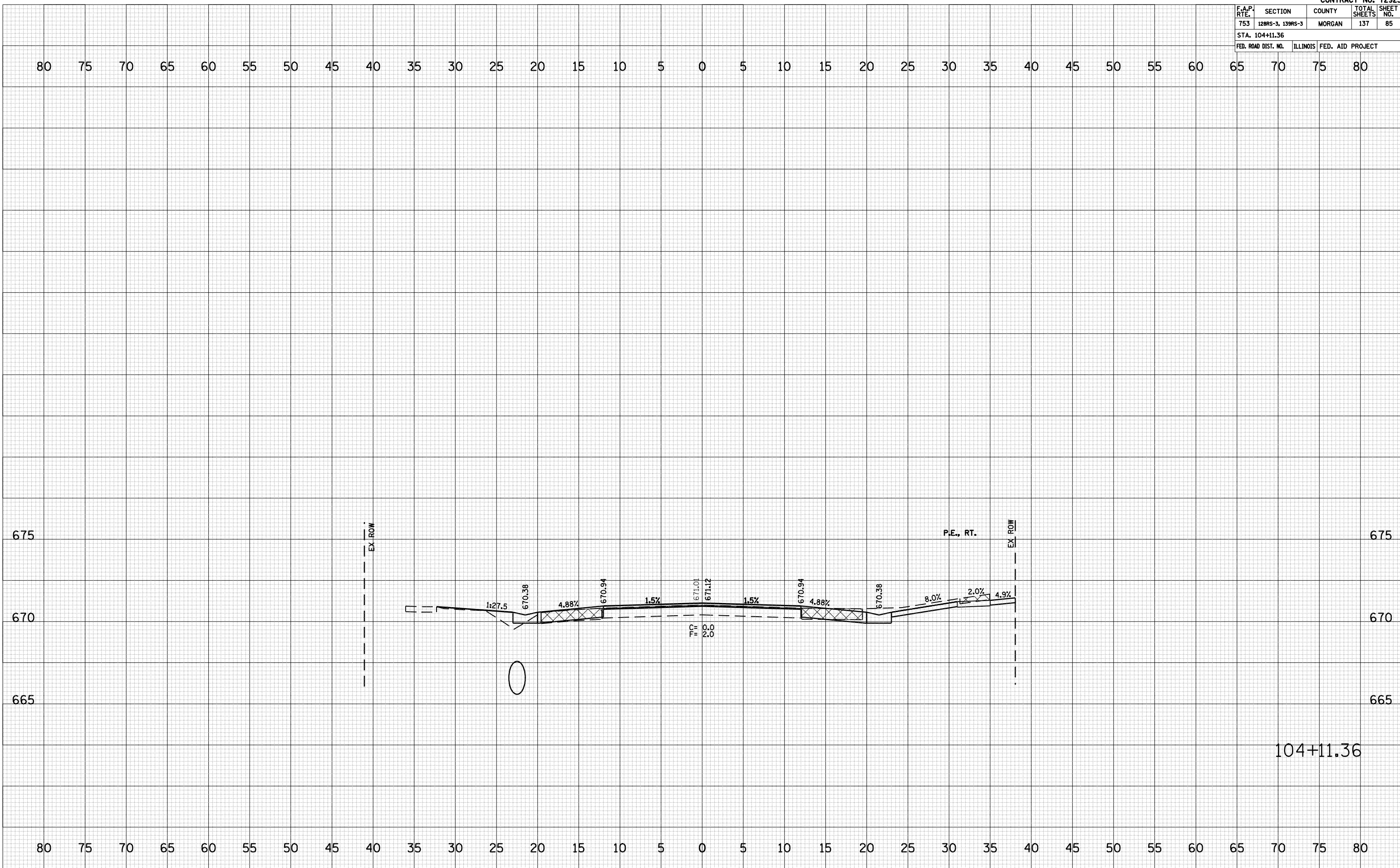


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	128RS-3, 139RS-3	MORGAN	137	85
STA. 104+11.36				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE
FINI SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

BY	DATE
ORIGINAL SURVEY	SURVEYED
NO.	PLOTTED
	AREAS CHECKED

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104+11.36

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	128RS-3, 139RS-3	MORGAN	137	86
STA. 104+50.00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

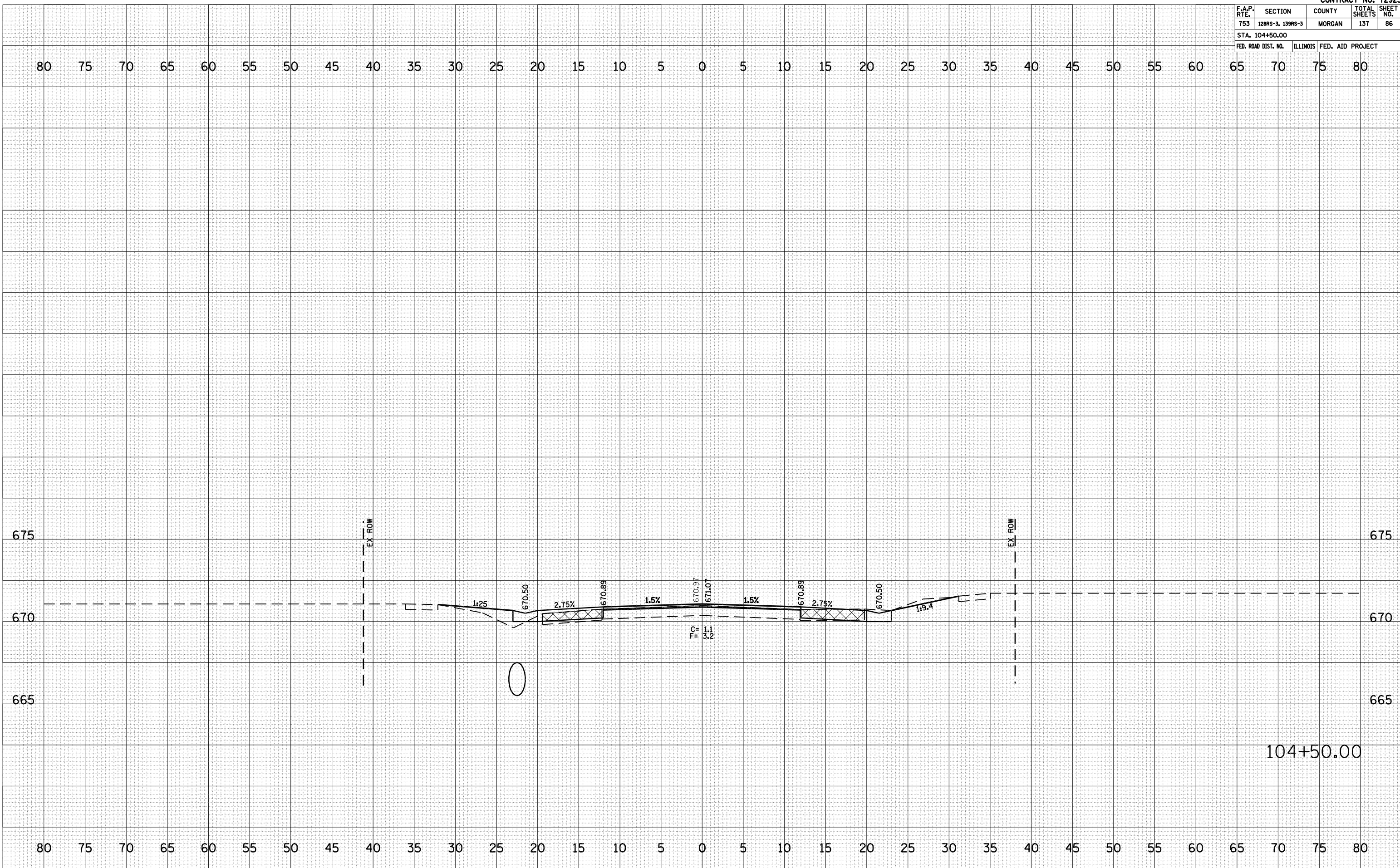
BY	DATE

FINAL SURVEY	SURVEYED

BY	DATE

ORIGINAL SURVEY	SURVEYED

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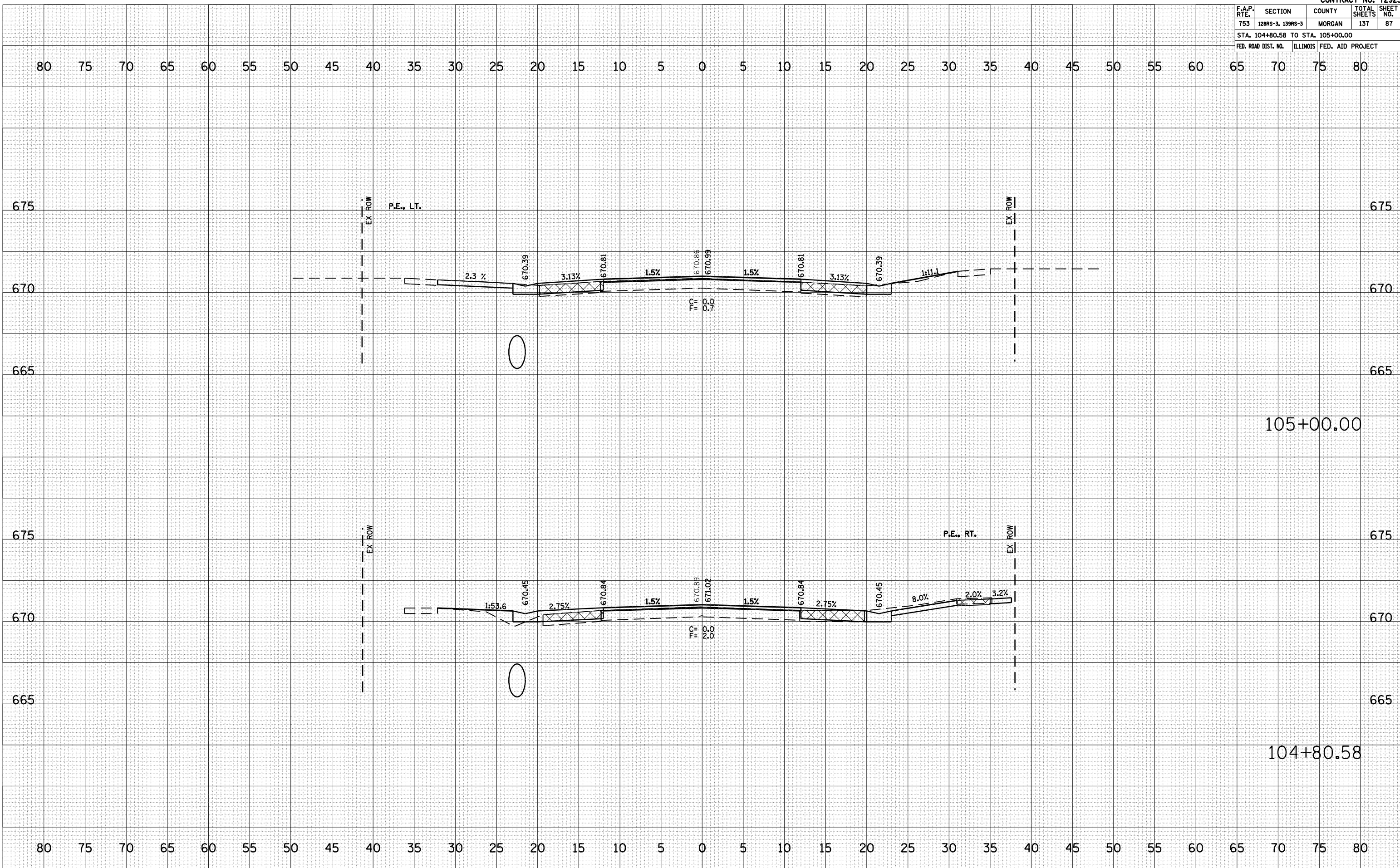
IL ROUTE 104 CROSS SECTIONS, STA 104 + 50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	128RS-3, 139RS-3	MORGAN	137	87
STA. 104+80.58 TO STA. 105+00.00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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NOTE BOOK	
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AREAS CHECKED	

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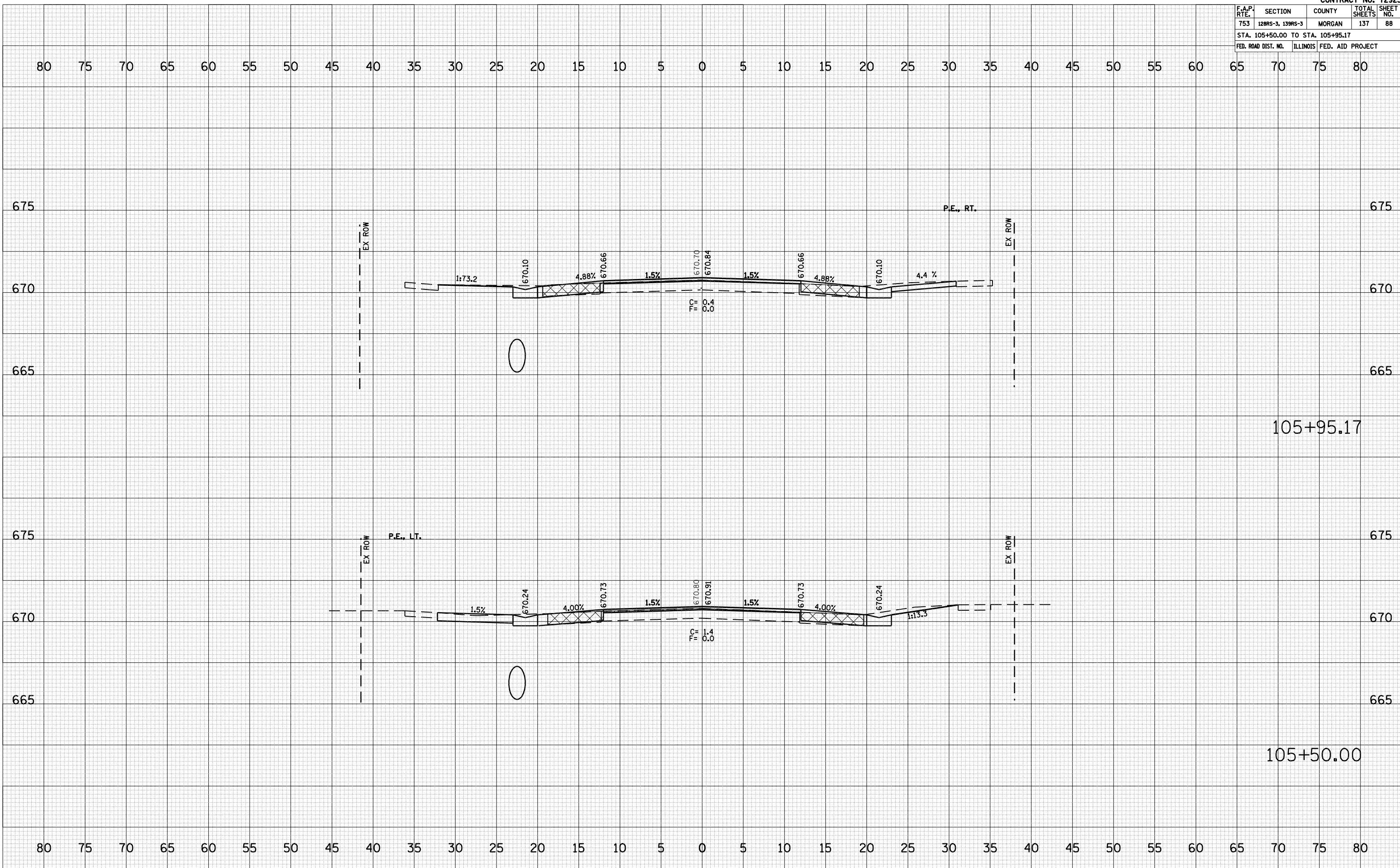
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	128RS-3, 139RS-3	MORGAN	137	88
STA. 105+50.00 TO STA. 105+95.17				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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NOTE BOOK	
AREAS CHECKED	
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PLOTTED	
NOTE BOOK	
AREAS CHECKED	
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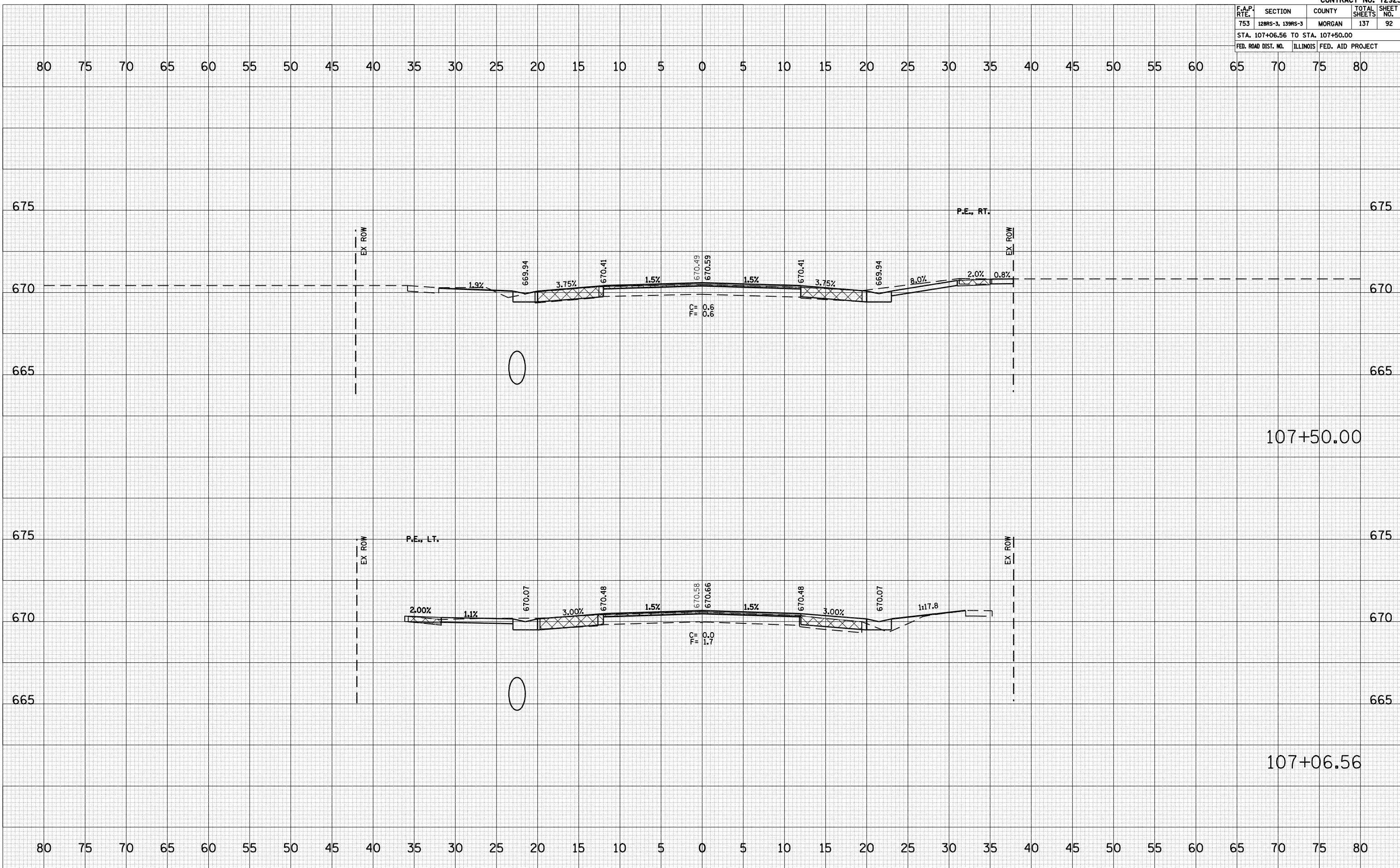


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	128RS-3, 139RS-3	MORGAN	137	92
STA. 107+06.56 TO STA. 107+50.00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY _____ DATE _____
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 USER NAME = Jaughlin-1



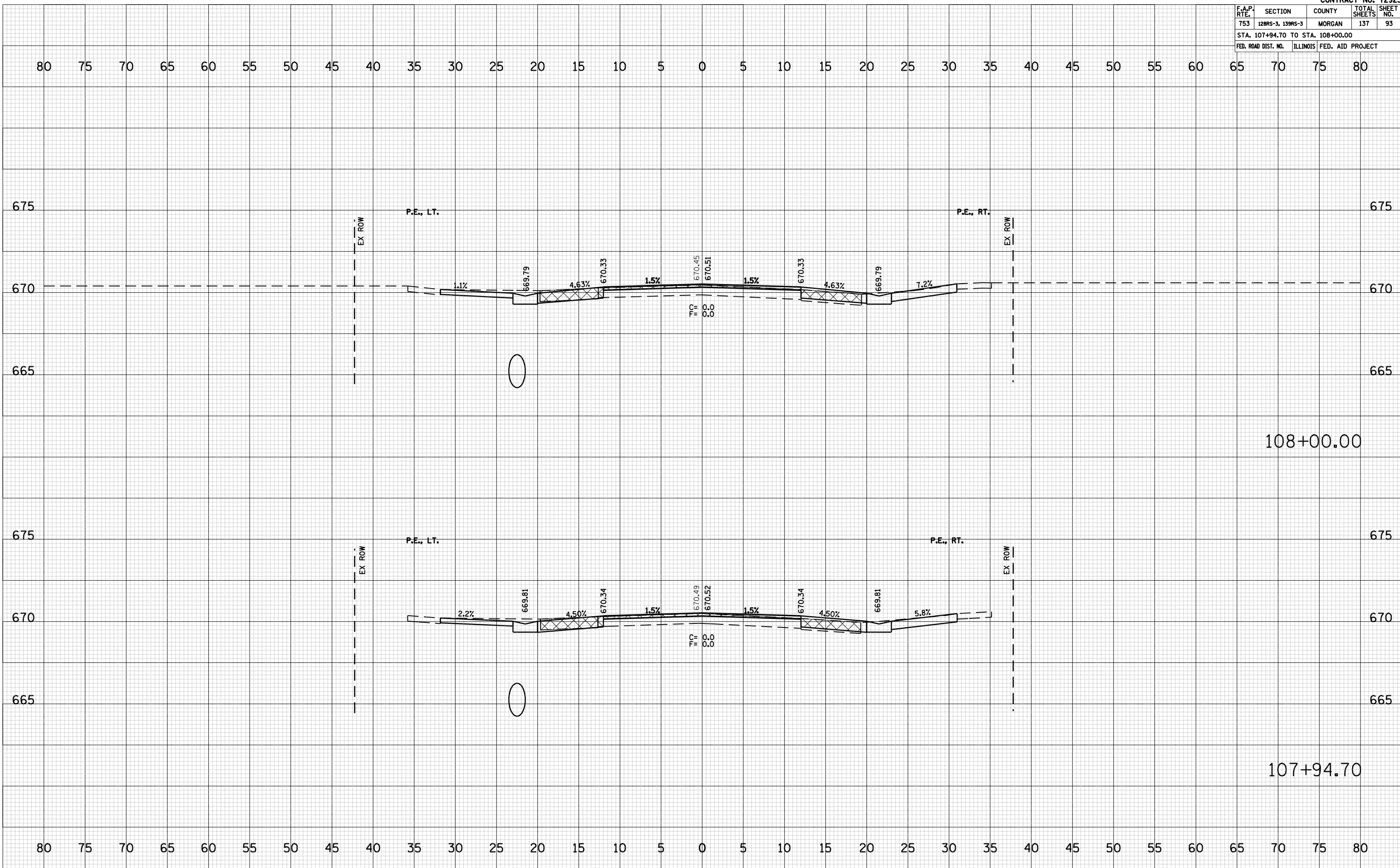
IL ROUTE 104 CROSS SECTIONS, STA 107+06.56 TO STA 107+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	128RS-3, 139RS-3	MORGAN	137	93
STA. 107+94.70 TO STA. 108+00.00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE
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PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

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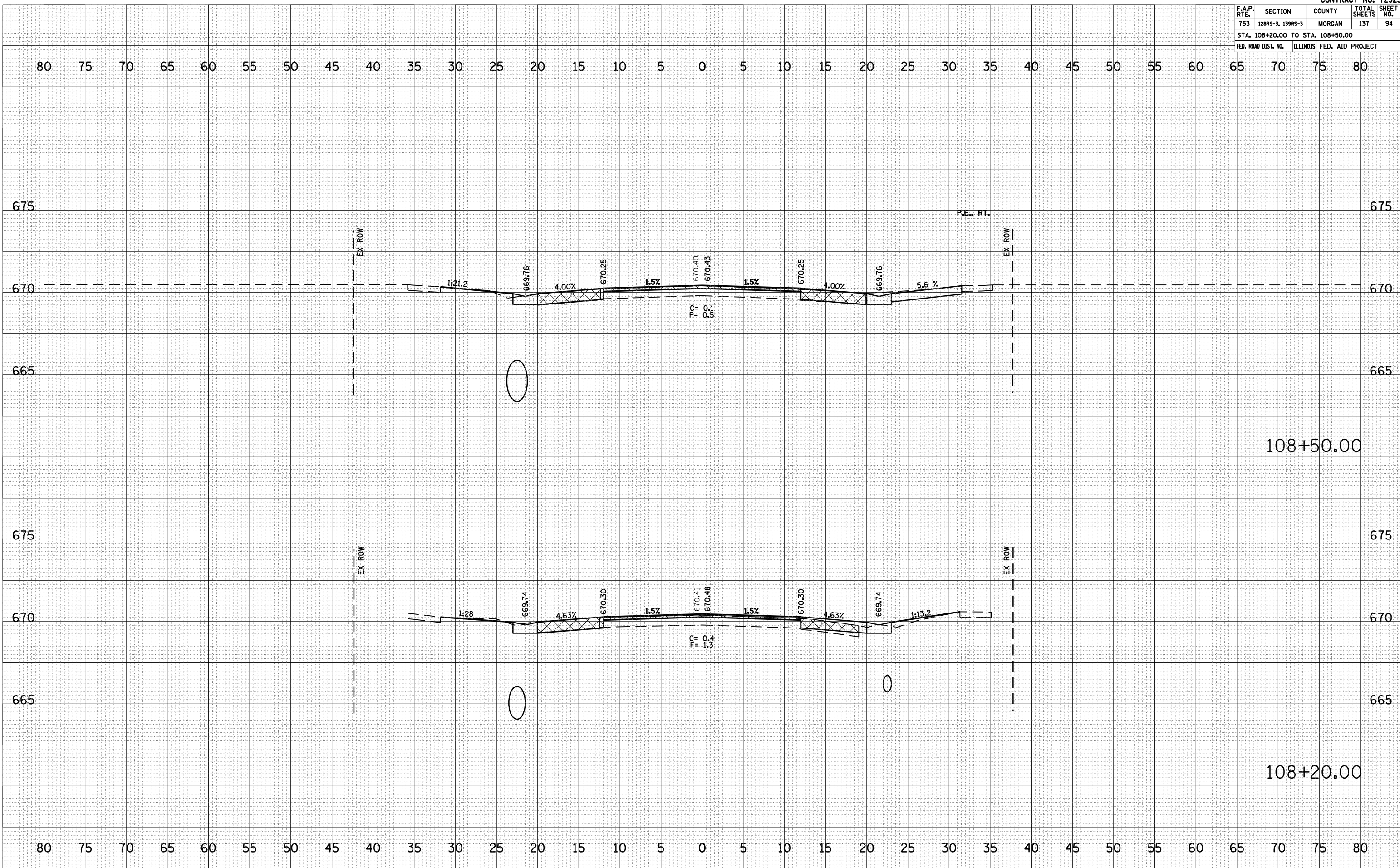


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	128RS-3, 139RS-3	MORGAN	137	94
STA. 108+20.00 TO STA. 108+50.00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY _____ DATE _____
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
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BY _____ DATE _____
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____
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 USER NAME = Jaughlin-1



IL ROUTE 104 CROSS SECTIONS, STA 108+20.00 TO STA 108+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	128RS-3, 139RS-3	MORGAN	137	95
STA. 109+00.00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

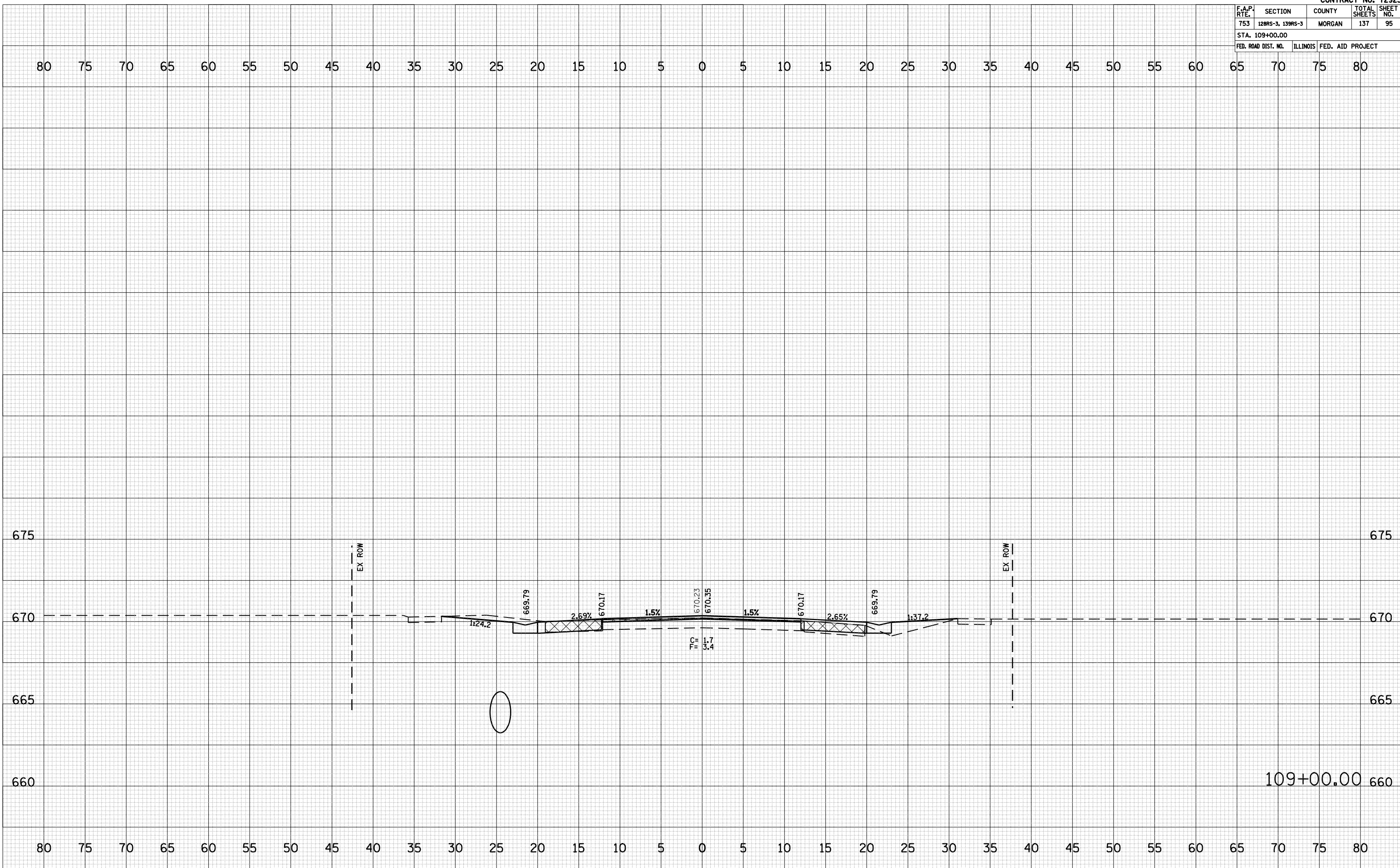
DATE	BY

NO.	AREAS CHECKED

DATE	BY

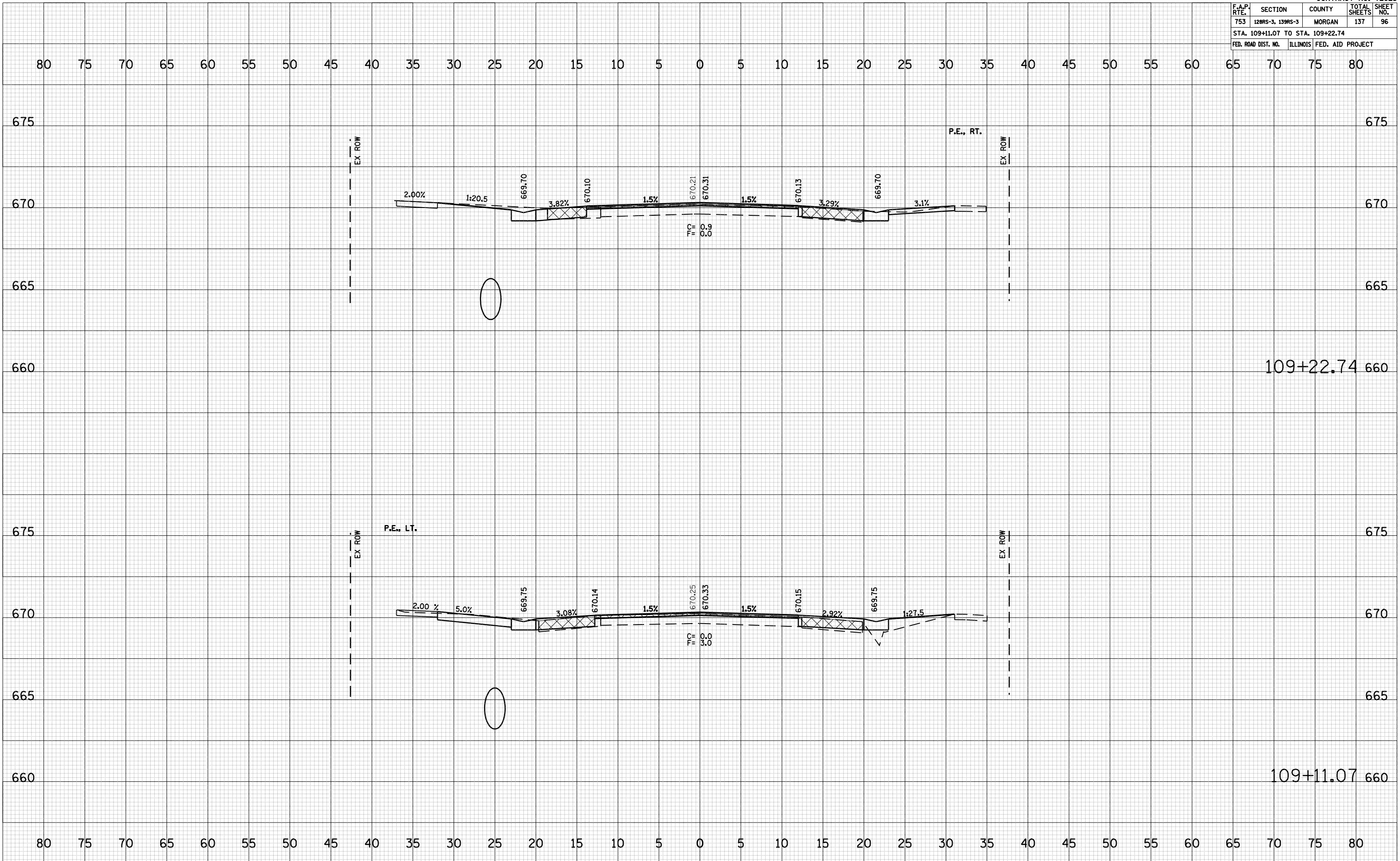
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 USER NAME = Jaughlin-1



109+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	128RS-3, 139RS-3	MORGAN	137	96
STA. 109+11.07 TO STA. 109+22.74				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

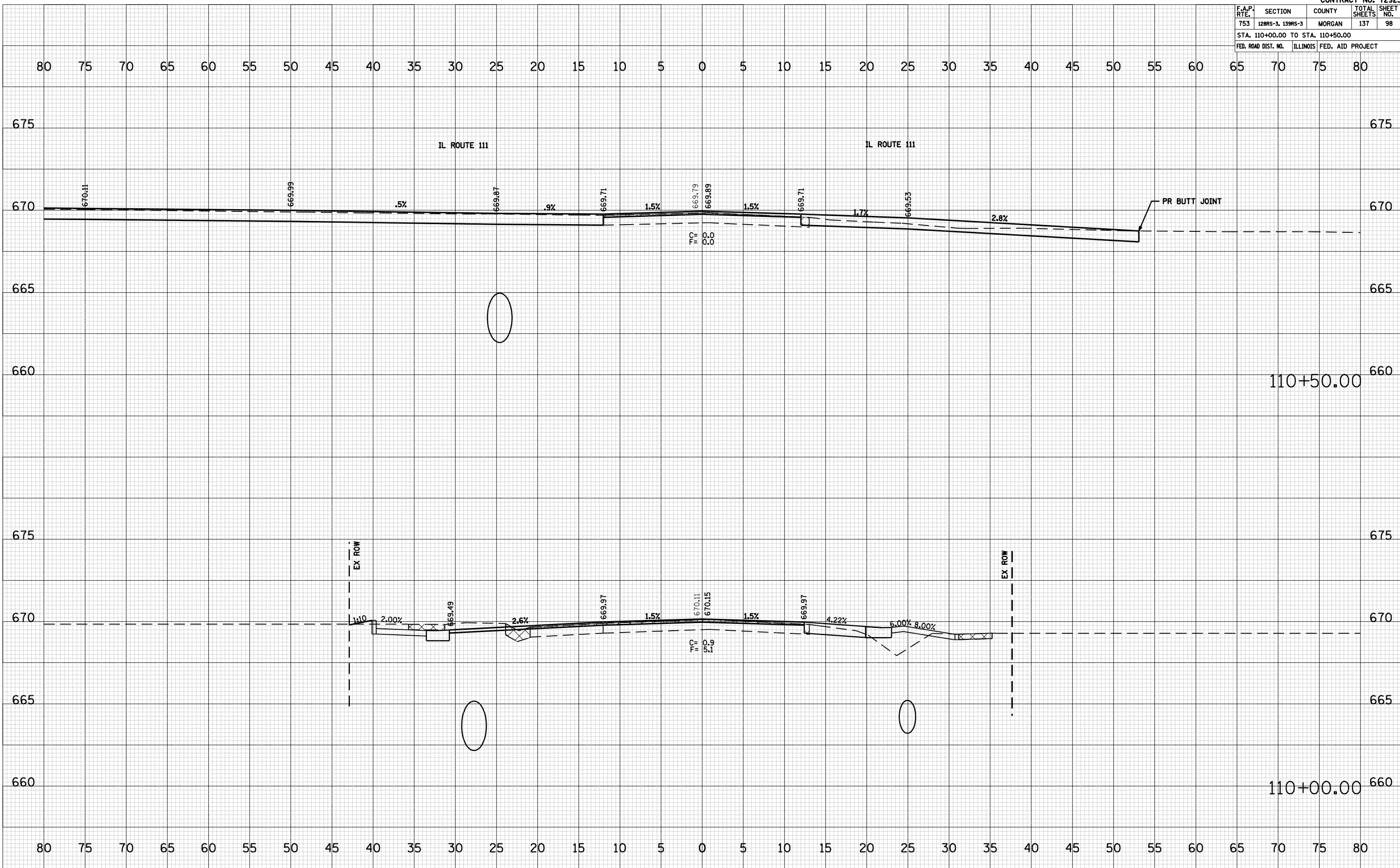


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 NOTE BOOK _____
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 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____
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 USER NAME = Jaughlin-1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	128RS-3, 139RS-3	MORGAN	137	98
STA. 110+00.00 TO STA. 110+50.00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



BY	DATE

FINAL SURVEY	SURVEYED
NO. _____	DATE _____
BOOK _____	PLOTTED _____
NO. _____	AREAS CHECKED _____

BY	DATE

ORIGINAL SURVEY	SURVEYED
NO. _____	DATE _____
BOOK _____	PLOTTED _____
NO. _____	AREAS CHECKED _____

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USER NAME = Jaughlin-1

IL ROUTE 104 CROSS SECTIONS, STA 110+00.00 TO STA 110+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
753	128RS-3, 139RS-3	MORGAN	137	99
STA. 110+60.00				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BY	DATE

FINAL SURVEY	SURVEYED	PLOTTED	DATE

NO.	AREAS CHECKED

BY	DATE

ORIGINAL SURVEY	SURVEYED	PLOTTED	DATE

NO.	AREAS CHECKED

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 USER NAME = Jaughlin-1

