

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				URBAN	
				80% FED 20% STATE	80% FED 20% STATE
				ROADWAY 0004	BRIDGE 0010
					S.N. 101-0229
30300118	AGGREGATE SUBGRADE IMPROVEMENT 18"	SQ YD	1433	1433	
30300124	AGGREGATE SUBGRADE IMPROVEMENT 24"	SQ YD	478	478	
40200900	AGGREGATE SURFACE COURSE, TYPE B	CU YD	67	67	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2027	2027	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	6028	6028	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	1828	1828	
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	2425	2425	
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	787	787	
40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	539	539	
40604060	HOT MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "D", N50	TON	539	539	
42000060	WELDED WIRE REINFORCEMENT	SQ YD	2344	2344	
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	139	139	
44000100	PAVEMENT REMOVAL	SQ YD	5058	5058	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	1413	1413	
44004250	PAVED SHOULDER REMOVAL	SQ YD	3311	3311	
44200934	CLASS B PATCHES, TYPE II, 8 INCH	SQ YD	1172	1172	
44200942	CLASS B PATCHES, TYPE III, 8 INCH	SQ YD	1172	1172	

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
SPRINGFIELD AVENUE

SCALE: N.T.S. SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	111BR	WINNEBAGO	80	5
CONTRACT NO. 64P06				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				URBAN	
				80% FED 20% STATE	80% FED 20% STATE
				ROADWAY 0004	BRIDGE 0010
					S.N. 101-0229
44200944	CLASS B PATCHES, TYPE IV, 8 INCH	SQ YD	1172	1172	
44201298	DOWEL BARS 1 1/4"	EACH	1600	1600	△
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	229	229	
44213200	SAW CUTS	FOOT	3400	3400	△
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	3227	3227	
44213208	TIE BARS 1 1/4"	EACH	1600	1600	△
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1
50200100	STRUCTURE EXCAVATION	CU YD	289		289
50200300	COFFERDAM EXCAVATION	CU YD	410		410
50201121	COFFERDAM (TYPE 2) (LOCATION - 1)	EACH	1		1
50201122	COFFERDAM (TYPE 2) (LOCATION - 2)	EACH	1		1
50300225	CONCRETE STRUCTURES	CU YD	256.5		256.5
50300255	CONCRETE SUPERSTRUCTURE	CU YD	214		214
50300260	BRIDGE DECK GROOVING	SQ YD	784		784
50300265	SEAL COAT CONCRETE	CU YD	151.8		151.8
50300300	PROTECTIVE COAT	SQ YD	950		950
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	118.4		118.4
50401305	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE BEAMS, IL27N	FOOT	720		720

* SPECIALTY ITEM

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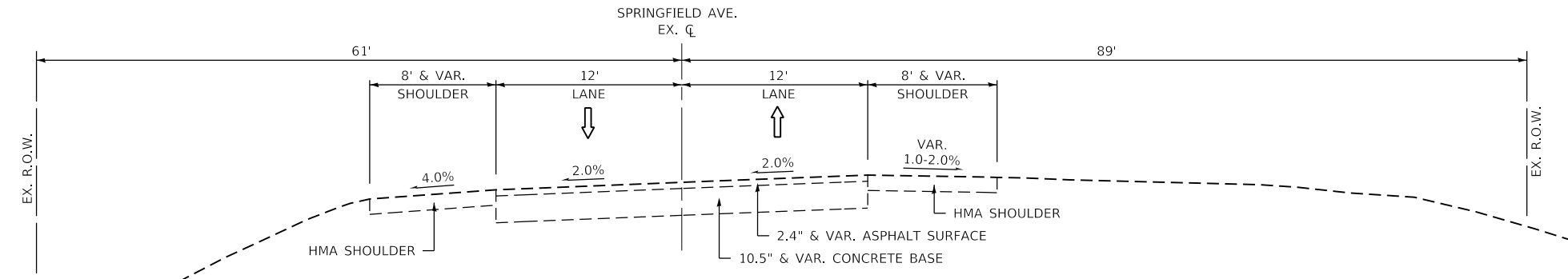
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

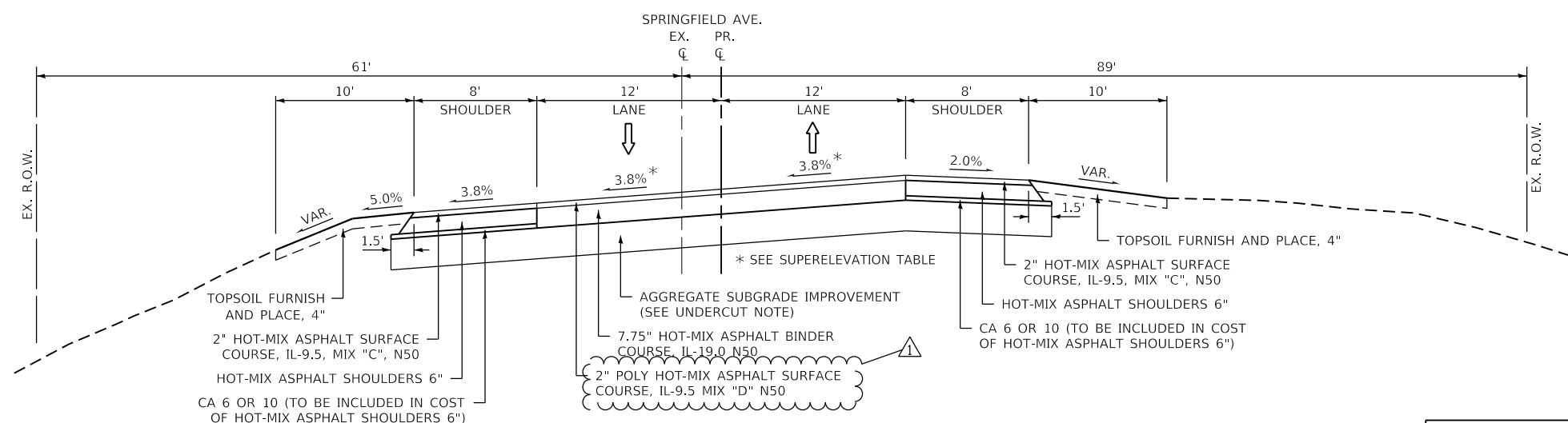
SUMMARY OF QUANTITIES
SPRINGFIELD AVENUE

SCALE: N.T.S. SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	111BR	WINNEBAGO	80	6
			CONTRACT NO. 64P06	
		ILLINOIS	FED. AID PROJECT	



EXISTING TYPICAL SECTION
STA 173+51.0 TO 193+62.0
BRIDGE OMISSION (STA 185+76.2 TO 187+00.8)



PROPOSED TYPICAL SECTION
STA 173+51.0 TO 193+62.0
BRIDGE OMISSION (STA 185+76.2 TO 187+00.8)

SUPERELEVATION TRANSITION TABLE		
STATION	PROFILE ELEV.	CROSS SLOPE (%)
173+51.0	752.04	2.00%
173+75.0	751.61	2.90%
173+99.0	751.18	3.80%
VARIES	FULL SUPERELEVATION SECTION	
193+14.0	760.65	3.80%
193+25.0	761.04	3.39%
193+50.0	761.93	2.45%
193+62.0	762.36	2.00%

UNDERCUT NOTE:
 UNDERCUT FOR AGGREGATE SUBGRADE IMPROVEMENT (SQ YD) IS PROPOSED AT THE FOLLOWING LOCATIONS AND DEPTHS:

- STA 173+51 TO 176+00 : 12"
- STA 176+00 TO 177+00 : 24" *
- STA 177+00 TO 180+00 : 18" *
- STA 180+00 TO 182+00 : 12"
- STA 182+00 TO 183+00 : 12" *
- STA 183+00 TO 193+62 : 12"

THE ACTUAL DEPTHS OF UNDERCUTS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER AT THE TIME OF CONSTRUCTION. WORK SHALL BE PAID AS EARTH EXCAVATION (CU YD) AND AGGREGATE SUBGRADE IMPROVEMENT (SQ YD) OF THICKNESSES SPECIFIED ABOVE. SUBGRADE AT LOCATIONS IDENTIFIED WITH AN "*" IS TO BE PLACED OVER GEOTECHNICAL REINFORCEMENT (SEE SPECIAL PROVISIONS).

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
 SPRINGFIELD AVENUE

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	111BR	WINNEBAGO	80	10
			CONTRACT NO. 64P06	
			ILLINOIS FED. AID PROJECT	

STATION	STATION	*40600275*	**40600290**	40600370	***40603080***	***40604050***	40604160	44000157	48203021	44200934	44200942	44200944	44201298	44213200	44213208	42000060
		BITUMINOUS MATERIALS (PRIME COAT) (POUNDS)	BITUMINOUS MATERIALS (TACK COAT) (POUNDS)	LONGITUDINAL JOINT SEALANT (FEET)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (TONS)	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 (TONS)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (TONS)	HOT-MIX ASPHALT SURFACE REMOVAL, 2" (SQ YD)	HOT-MIX ASPHALT SHOULDERS, 6" (SQ YD)	CLASS B PATCHES, TYPE II, 8 INCH (SQ YD)	CLASS B PATCHES, TYPE III, 8 INCH (SQ YD)	CLASS B PATCHES, TYPE IV, 8 INCH (SQ YD)	DOWEL BARS, 1 1/4" (EACH)	SAW CUTS (FOOT)	TIE BARS, 1 1/4" (EACH)	WELDED WIRE REINFORCEMENT (SQ YD)
173+51	BRIDGE	1317	3541	1196	1591	236	354	-	2113	-	-	-	-	-	-	-
BRIDGE	193+62	711	1852	632	834	125	185	-	1114	-	-	-	-	-	-	-
TBD BY ENGINEER (DETOUR) (10% HMA DETOUR PAVEMENT)		-	636	-	-	426	-	1413	-	1172	1172	1172	1600	3400	1600	2344
TOTAL		2,027	6,028	1,828	2,425	787	539	1,413	3,227	1,172	1,172	1,172	1,600	3,400	1,600	2,344

- BITUMINOUS MATERIALS (PRIME COAT) RATE OF APPLICATION = 0.25 LB / SQ FT ON AGGREGATE
- BITUMINOUS MATERIALS (TACK COAT) RATE OF APPLICATION = 0.05 LB / SQ FT ON EXISTING HMA, 0.025 LB / SQ FT BETWEEN HMA LIFTS
- HOT-MIX ASPHALT RATE OF APPLICATION = 112 LB / SQ YD/ IN

EARTHWORK QUANTITIES SUMMARY TABLE

LOCATION	EARTH EXCAVATION (CU YD)	SAUITABLE EXCAVATION (ADJUSTED EARTH EXCAVATION 25%) (CU YD)	EMBANKMENT (CU YD)	BALANCE WASTE (+) OR SHORTAGE (-)	CHANNEL EXCAVATION (CU YD)	TOPSOIL STRIP (CU YD)	TOPSOIL RESPREAD (CU YD)	TOPSOIL EXCAVATION & PLACEMENT (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS (CU YD)	
									BALANCE OF TOPSOIL WASTE (+) OR SHORTAGE (-)	UNDERCUT (CU YD) (NOMINAL QTY)
	20200100				20300100			21101505	20201200	
STA 173+51 TO BRIDGE	2462	1,847	48	1,799	555	272	234	272	39	25
BRIDGE TO STA 193+62	836	627	83	544	490	167	142	167	25	25
PROJECT TOTAL	3,298	2,474	131	2,343	1,045	439	376	439	64	50

NOTES:

CONTRACTOR SHALL STRIP AND STOCKPILE TOPSOIL UNDER PAY ITEM, TOPSOIL EXCAVATION AND PLACEMENT

CONTRACTOR TO EXCAVATE ANY NECESSARY UNDERCUT AREAS UNDER PAY ITEM REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS.

DIFFERENCE BETWEEN TOPSOIL RESPREAD (PAID AS TOPSOIL EXCAVATION AND PLACEMENT) AND REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS TO BE HAULED OFFSITE AND PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
SPRINGFIELD AVENUE

SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. TO STA.

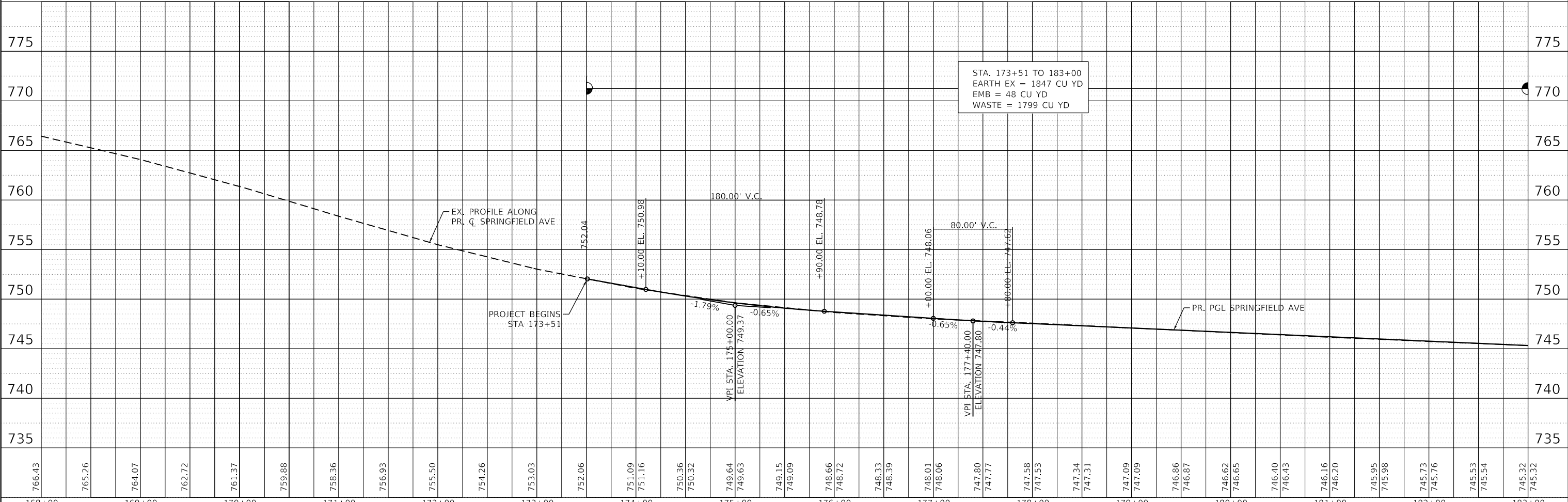
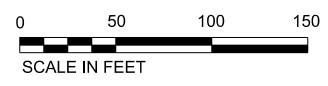
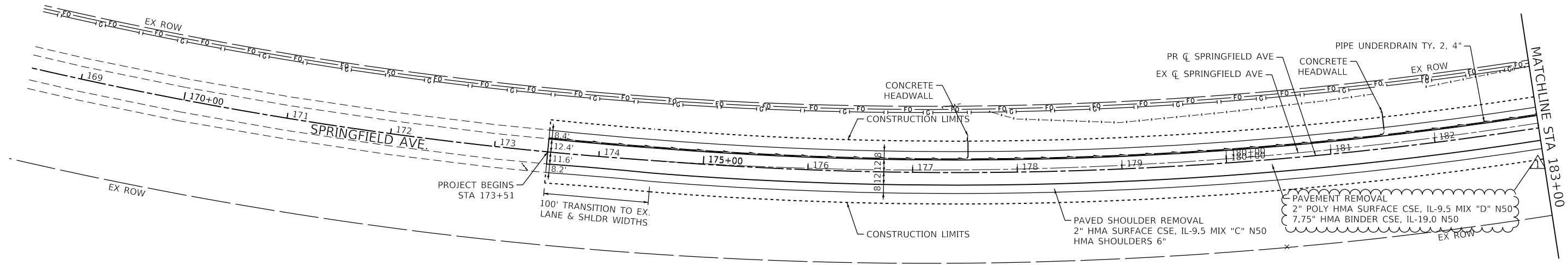
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	111BR	WINNEBAGO	80	12
CONTRACT NO. 64P06				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
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	STRUCTURE	
	NOTATIONS	
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766.43	765.26	764.07	762.72	761.37	759.88	758.36	756.93	755.50	754.26	753.03	752.06	751.09	751.16	750.36	750.32	749.64	749.63	749.15	749.09	748.66	748.72	748.33	748.39	748.01	748.06	747.80	747.77	747.58	747.53	747.34	747.31	747.09	747.09	746.86	746.87	746.62	746.65	746.40	746.43	746.16	746.20	745.95	745.98	745.73	745.76	745.53	745.54	745.32	745.32
168+00	169+00	170+00	171+00	172+00	173+00	174+00	175+00	176+00	177+00	178+00	179+00	180+00	181+00	182+00	183+00																																		

BLA, Inc.
 ITASCA, ILLINOIS

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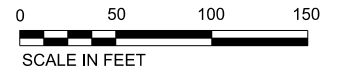
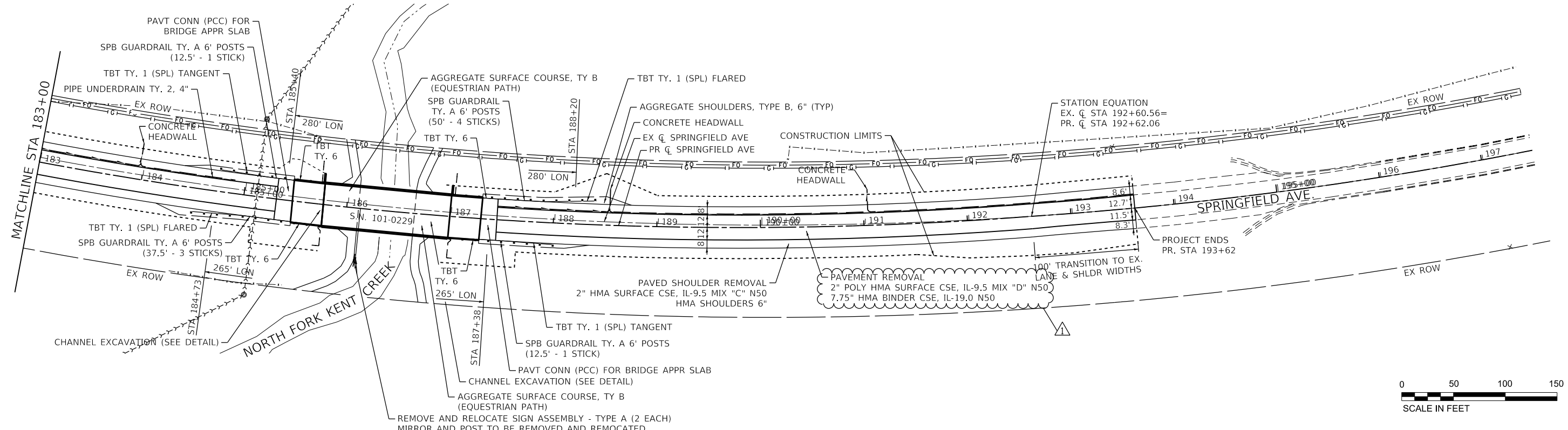
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE SPRINGFIELD AVENUE			
SCALE: 1"=50'	SHEET 1	OF 22 SHEETS	STA. 168+50 TO STA. 183+00

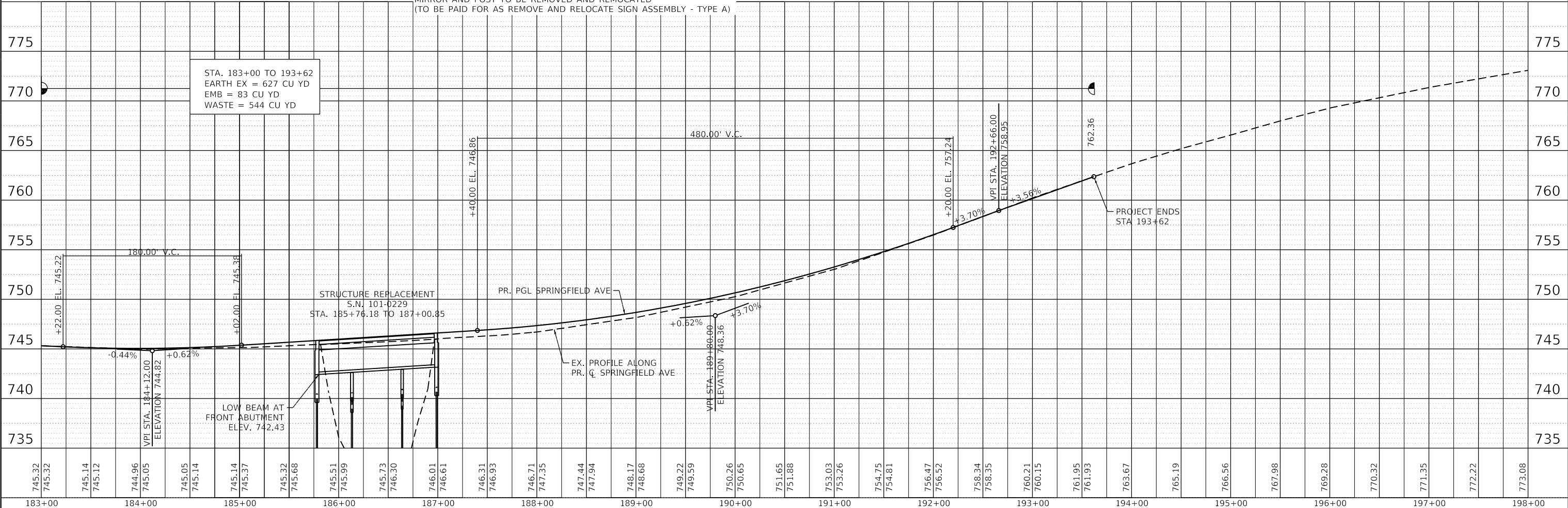
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	111BR	WINNEBAGO	80	15
CONTRACT NO. 64P06			ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	NO. _____	
	BY _____	
	DATE _____	



PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
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	BY _____	
	DATE _____	



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE		SPRINGFIELD AVENUE	
SCALE: 1"=50'	SHEET 2	OF 22 SHEETS	STA. 183+00 TO STA. 197+50

F.A.P. RTE. 525	SECTION 111BR	COUNTY WINNEBAGO	TOTAL SHEETS 80	SHEET NO. 16
ILLINOIS			CONTRACT NO. 64P06	
FED. AID PROJECT				