

**SOUTHBOUND**

**ITEM DETAIL SUMMARY SHEET FOR SPRINGFIELD - HARTFORD IR 091-1(20)**

**SOUTHBOUND**

MILE MARKER	MILE MARKER	POS.	SOLID ROCK EXCAV.	COMM. EXCAV.	TRENCH	EXCAV.	EARTH BORROW	AGGREG. SURFACE COURSE	CLEAN. CULV. PIPE L.F.	CORRUGATED STEEL PIPE			REINFORCED CONCRETE PIPE			RELAY PIPE	6" UND.	CONC. CL. B CY	REIN. STEEL LBS	GRATE TYPE EA	CHAN. ELEV EA	BIT. CONC. PAV'T.	SNOW FENCE	GUARDRAIL ITEMS		STONE FILL			GRANULAR BORROW	SUBBASE OF CRUSHED GRAVEL	REMARKS
					EARTH CY	ROCK CY				D	L	TH	D	L	CL									621.80	621.75	TYPE I	TYPE II	TYPE III			
63.60		OUT.			2.5				5																						CLEAN OUT PIPE INLET & OUTLET. MINOR CLEANING OF DITCHES
63.70		MED.			15									24																	LAST FOUR SECTIONS OF 24" RCP HAVE DETACHED. RESET SECTIONS WITH BANDS AND PLACE GRANULAR BACKFILL FOR STRUCTURES BENEATH RESET SECTIONS.
64.25	64.95	MED.			120																2.5					120				SINK HOLES IN MEDIAN. (APPROX. 30 EXISTING SINKHOLES.) EXCAVATE HOLES AND PLACE GEOTEXTILE FABRIC FOR FILTERS AT BOTTOM OF HOLES AS PER RESIDENT ENGINEER. (ITEM 649.10 EST. 262 S.Y.) BACKFILL HOLES WITH EXCAVATED MATERIAL AND COMPACT TO 95% DENSITY WHERE HOLES ARE IN PAVED MEDIAN CUTTER, PATCH WITH 3" OF BITUMINOUS CONCRETE PAVEMENT. NOTABLE SINK HOLES ARE @ SB MM 64.31, 64.81 AND 64.87 TO 64.89.	
65.21		OUT.							5												1										RAISE CURB DI
65.34		OUT.							5												1										RAISE CURB DI
65.60		OUT.			370																						370				1-2 CUT SLOPE SLOUGHING INTO ROAD. REGRADE SLOPE AND PLACE 2" THICK STONE FILL BED, TYPE II TO STABILIZE. COVER NEW STONE FILL W/ 3" TOPSOIL, SEED AND MULCH.
65.95		OUT.																													REMOVE FIRST & THIRD ASH AND RED PINES FROM END CLOSEST TO ROAD. PAY AS THINNING AND TRIMMING. ITEM 201.15
66.19		NB/SB																													INSTALL 56 L.F. OF SNOW FENCE ON EACH SIDE OF BRIDGES 39N & 39S AS PER TYPICAL FOR ALUMINUM RAIL. I-91 OVER U.S. 5
66.90		MED.			5																										REGRADE DITCH TO ELIMINATE PONDING
66.96		MED.			13.3																					14.5					EXCAVATE AROUND EXISTING SINKHOLE TO DIAMETER OF 10' AND DEPTH OF 5'. LAY GEOTEXTILE FABRIC FOR FILTERS (ITEM 649.10 EST. 9 SY) AS APPROVED BY THE RESIDENT ENGINEER. BACKFILL SINKHOLE W/ GRANULAR BORROW AND COMPACT.
66.97		MED.			10.3																13.8						23				SINKHOLE IN MEDIAN SHOULDER. SAW CUT SHOULDER 25' EACH DIR. FROM SINKHOLE AND ALONG E. TRAVELLED WAY. EXCAVATE TO DEPTH DETERMINED BY RESIDENT ENGINEER. USE GEOTEXTILE FABRIC, AND REBUILD SHOULDER.
67.12		OUT.	3.0		35									10		3.0	270												25		SOIL SINKING AROUND DI. EXCAVATE AROUND DI 10' X 10' TO A DEPTH OF 8'. REMOVE & DISPOSE OF EXIST. DI. (SALVAGE GRATE). EXCAVATE 8' WIDE BY 1' DEEP STRIP OF DITCH FROM DI TO POINT 30' NORTH. LAY 2' LAYER OF SUBBASE OF DENSE GR. CR. STONE IN 10' X 10' SQ. PLACE GEOTEXTILE FABRIC FOR FILTERS IN 10' X 10' SQ. OVER SUBBASE. (EST. 12 SY OF FABRIC.) CONSTRUCT NEW 4' X 4' X 6' RCDI, USING OLD GRATE. PLACE NEW SUBBASE OF GRAVEL IN TRENCH AND AROUND DI. CONSTRUCT 8' X 30' PAVED DITCH OVER SUBBASE OF GRAVEL AND CONSTRUCT 10' X 10' PAVED PAD AROUND DI. PAVEMENT TO BE BIT. CONC. PAVEMENT, TYPE III - PLACED IN TWO 1.5' LIFTS. REMOVAL OF EXIST. DI TO BE PAID AS SOLID ROCK EXCAVATION, ITEM 203.16.
67.52	67.53	OUT.																													REMOVE EXISTING BITUMINOUS CONC. CURB. REPLACE WITH NEW TREATED TIMBER CURB. USE ADDITIONAL BIT. CONC. PAV'T. TO TRANSITION FROM EXISTING CURB TO NEW CURB AS DIRECTED BY RES.
68.33	68.49	OUT.	3.5				384			18	88	.064				4.2	386				1										REST AREA. SEE U-TURN SECTIONS FOR DETAILS. OPTION PIPE.
SHEET TOTALS					6.5	385.3	185.8	-	384	-	15	18	88 .064	-----	III	34	-	7.2	656	-	3	20.3	224	-	-	-	393	-	134.5	25	

SURVEYED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 DRAWN BY \_\_\_\_\_ DATE \_\_\_\_\_  
 SQUAD LEADER D.F. HALE  
 DESIGN FILE NO. ZFA2455.501 87A025.DGN  
 PRF FILE 87A025S12 DATE PLOTTED 31-JAN-1992  
 PROJ. NAME SPRINGFIELD-HARTFORD  
 PROJ. NO. IR 091-(120)  
 SHEET 23 OF 133 SHEETS