FIELD TILE REPLACEMENT

STA	TO	STA	LENGTH	SS PROTECTED CL A 8" *	TRENCH BACKFILL	MISC CONC **	CL B PATCH TY II 13"*	SAW CUTS	DWL BARS 1.5"	PIPE DRAINS 10"	CONC HWL FOR P DRAIN	AGG SURF CSE TY B	REMARKS
			FT	FOOT	CU YD	CU YD	SQ YD	FOOT	EACH	FOOT	EACH	TON	
COVD-RURAL													
222+39	TO	222+72	110	110	23	0.2	13	60	20				REPLACE EX 8" TILE AND TILE UNDER EX DITCH AND UNDER ROADWAY
222+60	TO	248+55	2,595							2,595	1		EAST EX. 10" PIPE DRAIN REPLACEMENT.
238+80	LT				6							3	
TOTAL COVD RURAL				110	29	0.2	13	60	20	2,595	1	3	

*MATERIAL SHALL BE REINFORCED CONCRETE

**SEE FIELD TILE DETAILS FOR CONSTRUCTION UNDER DITCHES

CONNECTION TO JUNCTION VAULT SHALL BE INCLUDED IN THE COST OF THE PIPE DRAINS AND STORM SEWER (PROTECTED)

PIPE DRAINS - MATERIAL FOR PIPE DRAINS SHALL BE PVC. CONNECTIONS TO INSPECTION WELLS/JUNCTIONS SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE PAY ITEM. 2

CURB REFLECTOR SCHEDULE

LOCATION		INSTALLATION *
		EACH
COVD-RURAL		
TWAIT RD (118+78 LT)	NW ISLAND	8
TOTAL COVD-RURAL		8
COVD-URBAN		
STEVENSON RD (344+03 RT)	SW ISLAND	12
TOTAL STP-URBAN		12
GRAND TOTAL		20

*PAY ITEM SHALL INCLUDE THE REMOVAL OF EXISTING REFLECTORS AT ISLANDS (IF PRESENT)

SEE HWY STND 782001 FOR SPACING

FLEXIBLE DELINEATOR SCHEDULE

LOCATION		INSTALLATION *
		EACH
COVD-RURAL		
TWAIT RD (118+78 LT)	NW ISLAND	1
TOTAL COVD-RURAL		1
COVD-URBAN		
STEVENSON RD (344+03 RT)	SW ISLAND	1
CL MEDIAN (344+75 CL)	CL MEDIAN	1
TOTAL STP-URBAN		2
GRAND TOTAL		3

*PAY ITEM SHALL INCLUDE THE REMOVAL OF EXISTING DELINEATORS AT ISLANDS (IF PRESENT)

SEE HWY STND HWY SND 701901 AND SPECIAL PROVISIONS FOR DETAILS

DELINEATOR SCHEDULE

LOCATION	DELINEATORS*	
	INSTALL **	REMOVE ***
STA	EACH	EACH
STP-RURAL		
12+60 - 277+68	3	3
STP-URBAN		
277+68 - 345+65	1	1
GRAND TOTAL	4	4

*SINGLE FACE REFLECTOR POSTS TO BE USED.

**QUANTITIES ONLY FOR HAZARDS WITHIN 15-FT OF EDGE LINE INVOLVING X-ROAD CULVERTS

***REMOVAL OF EXISTING POST SHALL NOT DAMAGE ADJACENT DRAINAGE STRUCTURES (IF PRESENT)

ADJUSTMENT SCHEDULE*

LOCATION			FRAMES & LIDS TO BE ADJ SPL		WATER VALVE TO BE ADJ SPL	
			EACH		EACH	
COVD-URBAN						
IL 23			NB	SB	NB	SB
PCC JOINT	TO	STEVENSON RD	2	1		
STEVENSON RD	TO	DAYTON RD	1		1	
TOTAL			4		1	

* RESIDENT TO VERIFY LOCATIONS ON SITE. SOME ITEMS LOCATED ON SIDEROADS.