

INTERSECTION DETAILS

SCALE: 1" = 20'

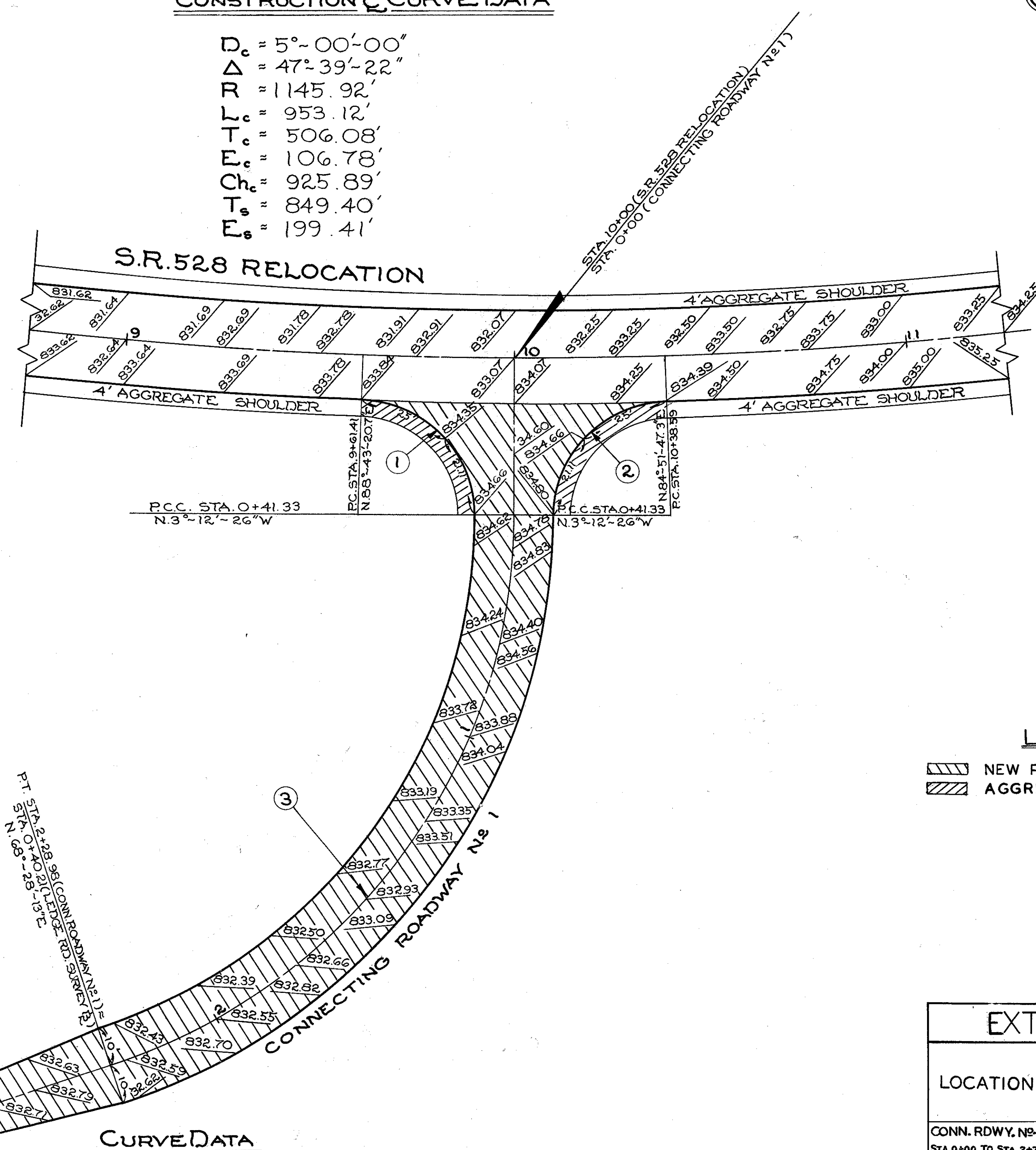
FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

20
70

LAKE COUNTY
Sec. LAK. 528-1.24

S.R. 528 RELOCATION CONSTRUCTION & CURVE DATA

$D_c = 5^\circ-00'-00''$
 $\Delta = 47^\circ-39'-22''$
 $R = 1145.92'$
 $L_c = 953.12'$
 $T_c = 506.08'$
 $E_c = 106.78'$
 $Ch_c = 925.89'$
 $T_s = 849.40'$
 $E_s = 199.41'$



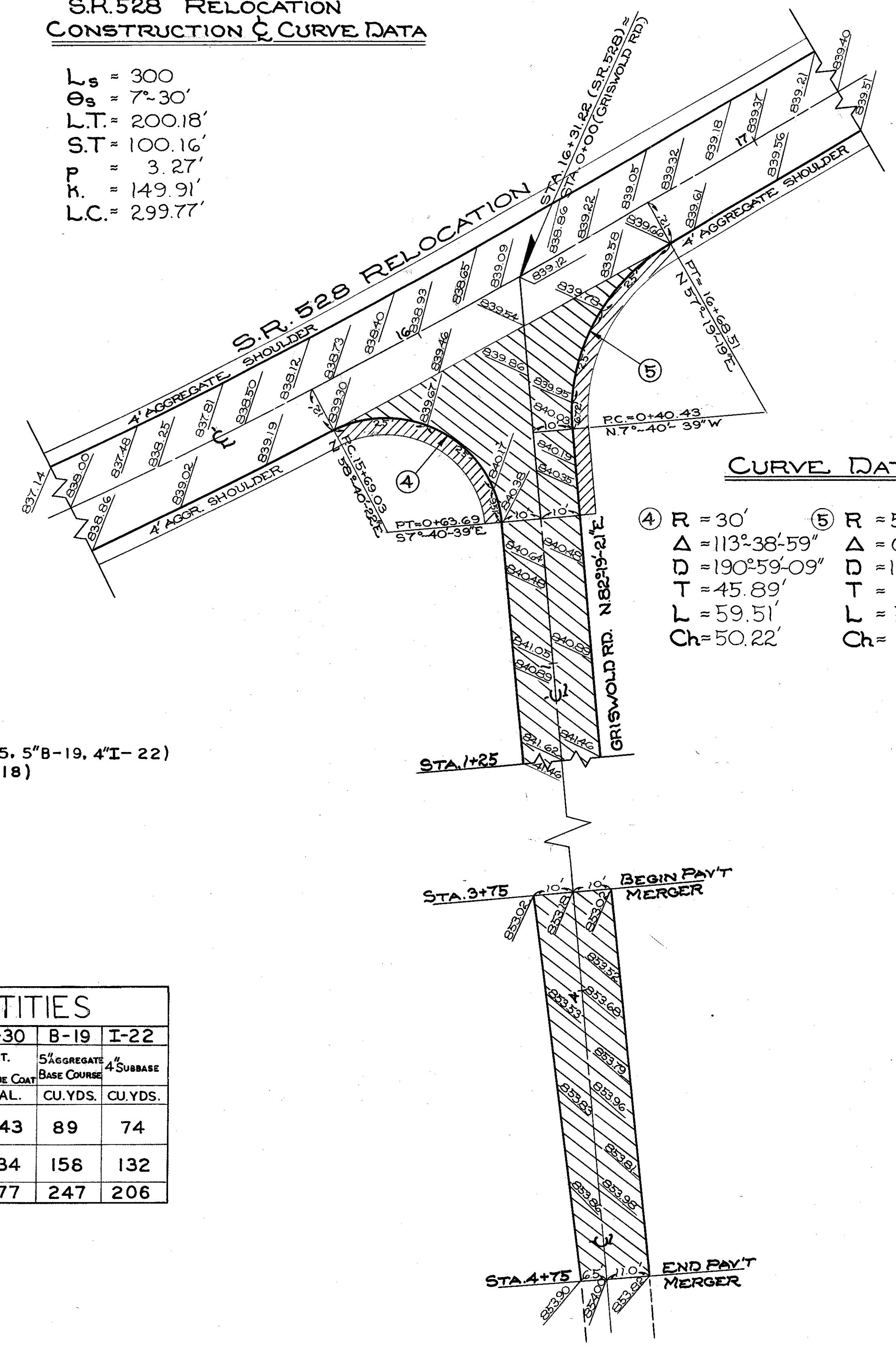
CURVE DATA

① & ② $R = 30'$
 $\Delta = 88^\circ-04'-13.3''$
 $D = 190^\circ-59'-09.6''$
 $T = 29.01'$
 $L = 46.11'$
 $Ch = 41.71'$

③ $R = 150'$
 $\Delta = 71^\circ-40'-39''$
 $D = 38^\circ-11'-50''$
 $T = 108.34'$
 $L = 187.65'$
 $Ch = 175.65'$

S.R. 528 RELOCATION CONSTRUCTION & CURVE DATA

$L_s = 300$
 $\theta_s = 7^\circ-30'$
 $L.T. = 200.18'$
 $S.T. = 100.16'$
 $P = 3.27'$
 $h = 149.91'$
 $L.C. = 299.77'$



CURVE DATA

④ $R = 30'$
 $\Delta = 113^\circ-38'-59''$
 $D = 190^\circ-59'-09''$
 $T = 45.89'$
 $L = 59.51'$
 $Ch = 50.22'$

⑤ $R = 50'$
 $\Delta = 64^\circ-59'-58''$
 $D = 114^\circ-35'-28''$
 $T = 31.83'$
 $L = 56.72'$
 $Ch = 53.70'$

LEGEND

NEW PAVEMENT (1 1/4" T-35, 1 1/4" B-35, 5" B-19, 4" I-22)
 AGGREGATE SHOULDERS (6" I-18)

EXTRA AREA QUANTITIES

LOCATION	T-35 1 1/4" A.S.P.H. CONCOURSE COURSE CU. YDS.	B-35 1 1/4" A.S.P.H. CONC LEVEL COURSE CU. YDS.	I-18 6" STABILIZED CRUSHED AGG. SHOULDERS CU. YDS.	T-30 BIT. PRIME COAT GAL.	B-19 5" AGGREGATE BASE COURSE CU. YDS.	I-22 4" SUBBASE CU. YDS.
CONN. RDWY. No. 1 STA. 0+00 TO STA. 2+75	21	21	7	243	89	74
GRISWOLD ROAD STA. 0+00 TO STA. 4+75	38	38	9	434	156	132
TOTAL	59	59	16	677	247	206