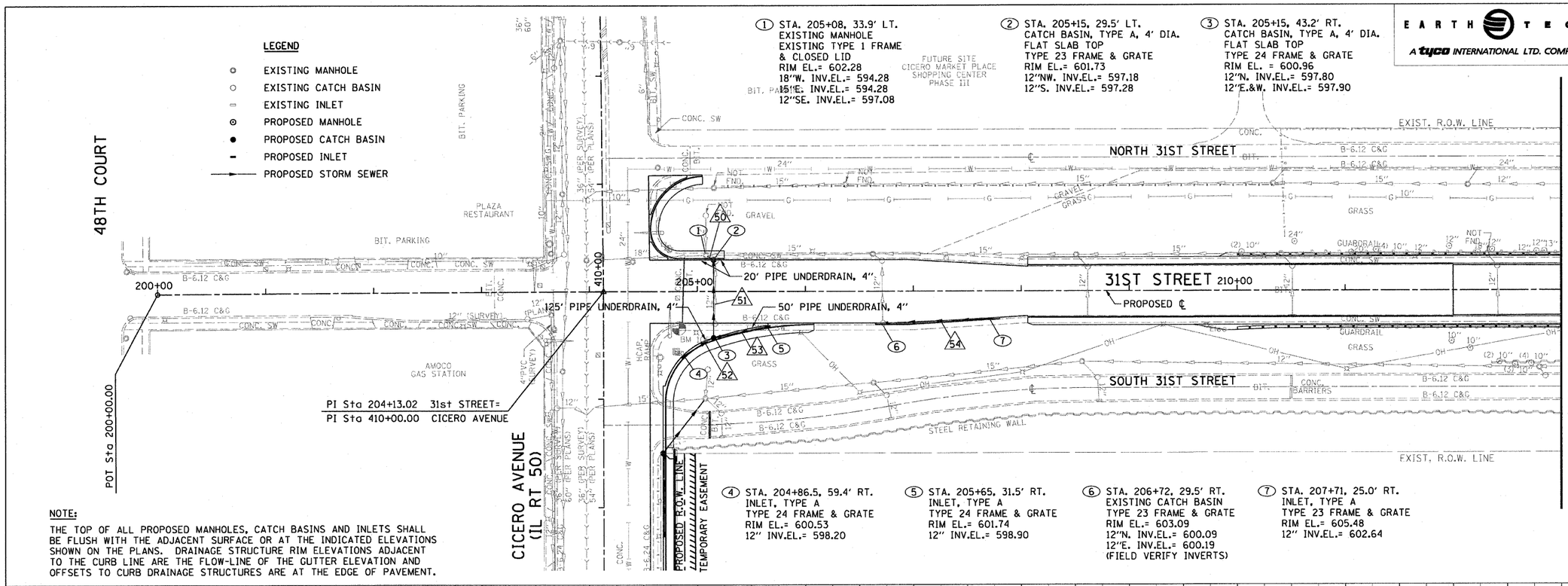
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1463	1010.1B	COOK	171	34
STA. 200+00	TO STA. 213+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EARTH TECH
A tyco INTERNATIONAL LTD. COMPANY

CONTRACT NO. 62196



① STA. 205+08, 33.9' LT.
EXISTING MANHOLE
EXISTING TYPE 1 FRAME
& CLOSED LID
RIM EL.= 602.28
18"W. INV.EL.= 594.28
15"E. INV.EL.= 594.28
12"SE. INV.EL.= 597.08

② STA. 205+15, 29.5' LT.
CATCH BASIN, TYPE A, 4' DIA.
FLAT SLAB TOP
TYPE 23 FRAME & GRATE
RIM EL.= 601.73
12"NW. INV.EL.= 597.18
12"S. INV.EL.= 597.28

③ STA. 205+15, 43.2' RT.
CATCH BASIN, TYPE A, 4' DIA.
FLAT SLAB TOP
TYPE 24 FRAME & GRATE
RIM EL. = 600.96
12"N. INV.EL.= 597.80
12"E.&W. INV.EL.= 597.90

④ STA. 204+86.5, 59.4' RT.
INLET, TYPE A
TYPE 24 FRAME & GRATE
RIM EL.= 600.53
12" INV.EL.= 598.20

⑤ STA. 205+65, 31.5' RT.
INLET, TYPE A
TYPE 24 FRAME & GRATE
RIM EL.= 601.74
12" INV.EL.= 598.90

⑥ STA. 206+72, 29.5' RT.
EXISTING CATCH BASIN
TYPE 23 FRAME & GRATE
RIM EL.= 603.09
12"N. INV.EL.= 600.09
12"E. INV.EL.= 600.19
(FIELD VERIFY INVERTS)

⑦ STA. 207+71, 25.0' RT.
INLET, TYPE A
TYPE 23 FRAME & GRATE
RIM EL.= 605.48
12" INV.EL.= 602.64

△50 6' - 12" RCP SS TYPE 2 @ 1.67%
TBF = 4.1 CY

△51 70' - 12" RCP SS TYPE 2 @ 0.75%
TBF = 22.4 CY

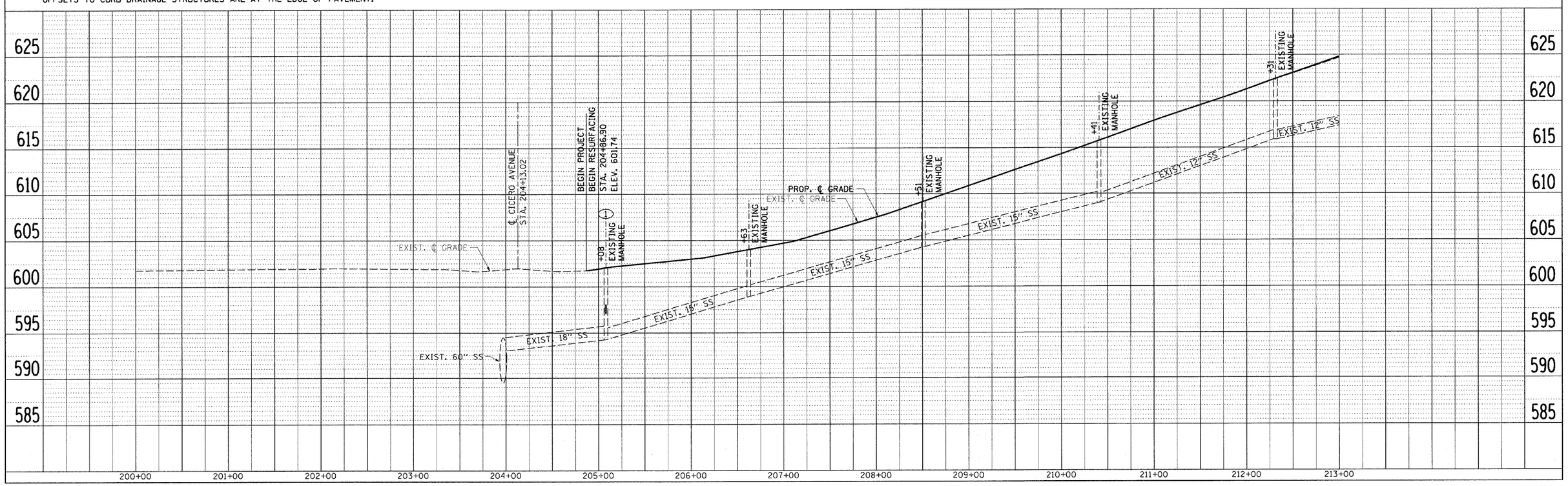
△52 30' - 12" RCP SS TYPE 1 @ 1.00%
TBF = 6.2 CY

△53 50' - 12" RCP SS TYPE 1 @ 2.00%
TBF = 11.8 CY

△54 98' - 12" RCP SS TYPE 1 @ 2.50%
TBF = 23.1 CY

NOTE:

THE TOP OF ALL PROPOSED MANHOLES, CATCH BASINS AND INLETS SHALL BE FLUSH WITH THE ADJACENT SURFACE OR AT THE INDICATED ELEVATIONS SHOWN ON THE PLANS. DRAINAGE STRUCTURE RIM ELEVATIONS ADJACENT TO THE CURB LINE ARE THE FLOW-LINE OF THE GUTTER ELEVATION AND OFFSETS TO CURB DRAINAGE STRUCTURES ARE AT THE EDGE OF PAVEMENT.



31st STREET - PROPOSED DRAINAGE AND UTILITY PLAN AND PROFILE