F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1463	1010.1B	COOK	171	35
STA. 213+00		TO STA. 226+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EARTH TECH
A tyco INTERNATIONAL LTD. COMPANY

CONTRACT NO. 62196

(8) STA. 214+20, 34.3' LT.
EXISTING MANHOLE
EXISTING TYPE 1 FRAME
& CLOSED LID
RIM EL.= 628.84
12"W. INV.EL.= 620.04
12"S. INV.EL.= 622.54

(9) STA. 214+27, 17.5' LT.
CATCH BASIN TYPE A, 4' DIA.
TYPE 23 FRAME & GRATE
RIM EL.= 628.92
12"N. INV.EL.= 622.86
12"S. INV.EL.= 623.06

TOWN OF CICERO
ALL PROPOSED STORM SEWER FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH IDOT STANDARDS

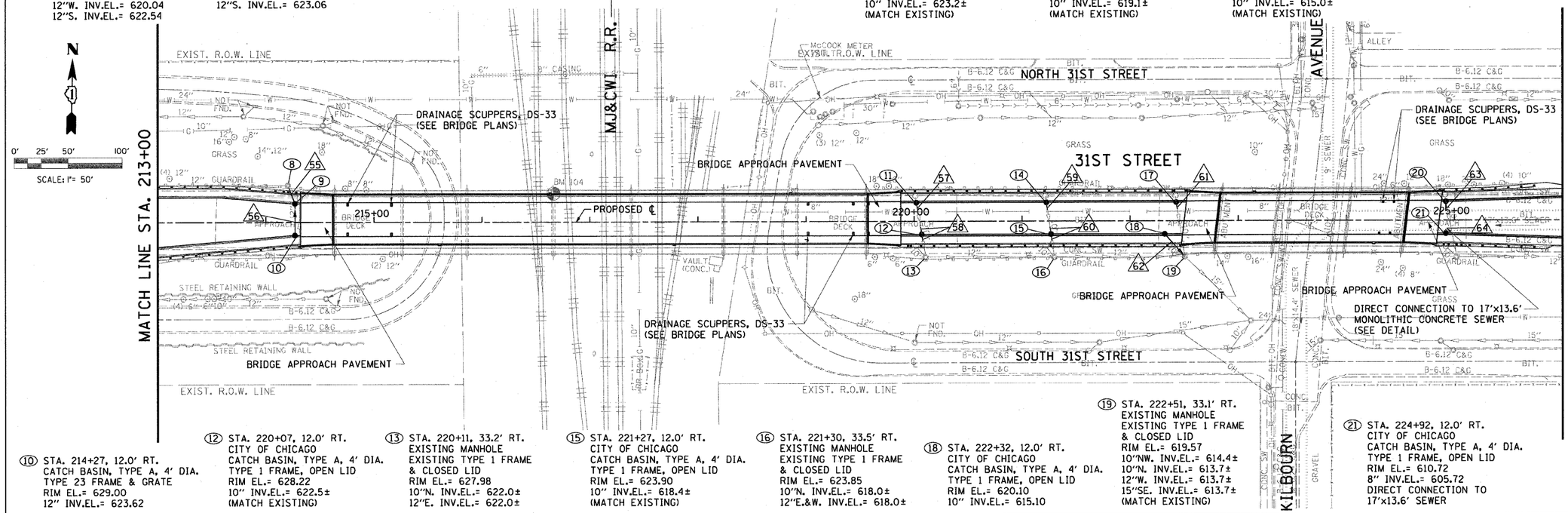
CITY OF CHICAGO
ALL PROPOSED STORM SEWER FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH CITY OF CHICAGO STANDARDS (BD-47)

(11) STA. 220+02, 17.5' LT.
CITY OF CHICAGO
CATCH BASIN, TYPE A, 4' DIA.
TYPE 1 FRAME, OPEN LID
RIM EL.= 628.32
10" INV.EL.= 623.2±
(MATCH EXISTING)

(14) STA. 221+23, 17.5' LT.
CITY OF CHICAGO
CATCH BASIN, TYPE A, 4' DIA.
TYPE 1 FRAME, OPEN LID
RIM EL.= 623.97
10" INV.EL.= 619.1±
(MATCH EXISTING)

(17) STA. 222+43, 17.5' LT.
CITY OF CHICAGO
CATCH BASIN, TYPE A, 4' DIA.
TYPE 1 FRAME, OPEN LID
RIM EL.= 619.62
10" INV.EL.= 615.0±
(MATCH EXISTING)

(20) STA. 224+92, 17.5' LT.
CITY OF CHICAGO
CATCH BASIN, TYPE A, 4' DIA.
TYPE 1 FRAME, OPEN LID
RIM EL.= 610.63
8" INV.EL.= 605.63
DIRECT CONNECTION TO
17'x13.6' SEWER



(55) 16' - 12" RCP SS TYPE 2 @ 2.00%
TBF = 14.2 CY

(56) 28' - 12" RCP SS TYPE 2 @ 2.00%
TBF = 22.2 CY

(57) 3' - 10" SS TYPE 2 (MATCH EXISTING)
TBF = 2.0 CY

(58) 2 @ 3' - 10" SS TYPE 2 (MATCH EXIST.)
TBF = 4.8 CY

(59) 3' - 10" SS TYPE 2 (MATCH EXISTING)
TBF = 2.0 CY

(60) 2 @ 3' - 10" SS TYPE 2 (MATCH EXIST.)
TBF = 4.6 CY

(61) 3' - 10" SS TYPE 2 (MATCH EXISTING)
TBF = 2.0 CY

(62) 25' - 10" SS TYPE 2 @ 2.76%
TBF = 17.2 CY

(63) 6' - 8" ESVCP SS TYPE 2
25' - 8" DIP SS TYPE
TBF =

(64) 6' - 8" ESVCP SS TYPE 2
25' - 8" DIP SS TYPE
TBF =

(10) STA. 214+27, 12.0' RT.
CATCH BASIN, TYPE A, 4' DIA.
TYPE 23 FRAME & GRATE
RIM EL.= 629.00
12" INV.EL.= 623.62

(12) STA. 220+07, 12.0' RT.
CITY OF CHICAGO
CATCH BASIN, TYPE A, 4' DIA.
TYPE 1 FRAME, OPEN LID
RIM EL.= 628.22
10" INV.EL.= 622.5±
(MATCH EXISTING)

(13) STA. 220+11, 33.2' RT.
EXISTING MANHOLE
EXISTING TYPE 1 FRAME
& CLOSED LID
RIM EL.= 627.98
10"N. INV.EL.= 622.0±
12"E. INV.EL.= 622.0±

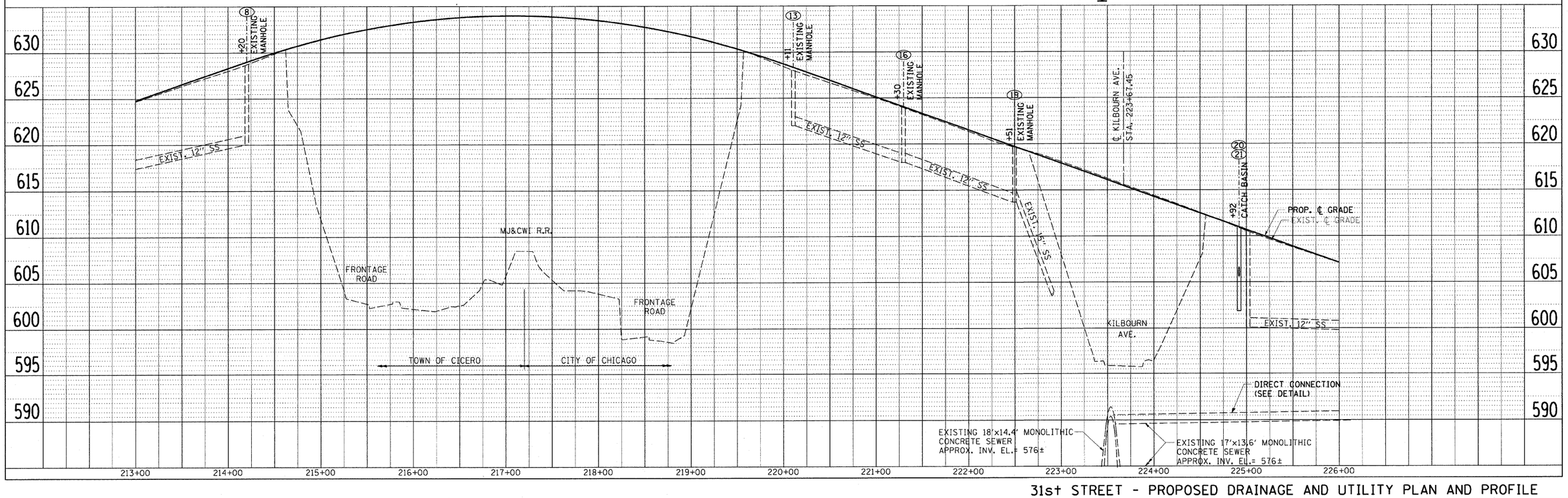
(15) STA. 221+27, 12.0' RT.
CITY OF CHICAGO
CATCH BASIN, TYPE A, 4' DIA.
TYPE 1 FRAME, OPEN LID
RIM EL.= 623.90
10" INV.EL.= 618.4±
(MATCH EXISTING)

(16) STA. 221+30, 33.5' RT.
EXISTING MANHOLE
EXISTING TYPE 1 FRAME
& CLOSED LID
RIM EL.= 623.85
10"N. INV.EL.= 618.0±
12"E.&W. INV.EL.= 618.0±

(18) STA. 222+32, 12.0' RT.
CITY OF CHICAGO
CATCH BASIN, TYPE A, 4' DIA.
TYPE 1 FRAME, OPEN LID
RIM EL.= 620.10
10" INV.EL.= 615.10

(19) STA. 222+51, 33.1' RT.
EXISTING MANHOLE
EXISTING TYPE 1 FRAME
& CLOSED LID
RIM EL.= 619.57
10"NW. INV.EL.= 614.4±
10"N. INV.EL.= 613.7±
12"W. INV.EL.= 613.7±
15"SE. INV.EL.= 613.7±
(MATCH EXISTING)

(21) STA. 224+92, 12.0' RT.
CITY OF CHICAGO
CATCH BASIN, TYPE A, 4' DIA.
TYPE 1 FRAME, OPEN LID
RIM EL.= 610.72
8" INV.EL.= 605.72
DIRECT CONNECTION TO
17'x13.6' SEWER



31st STREET - PROPOSED DRAINAGE AND UTILITY PLAN AND PROFILE