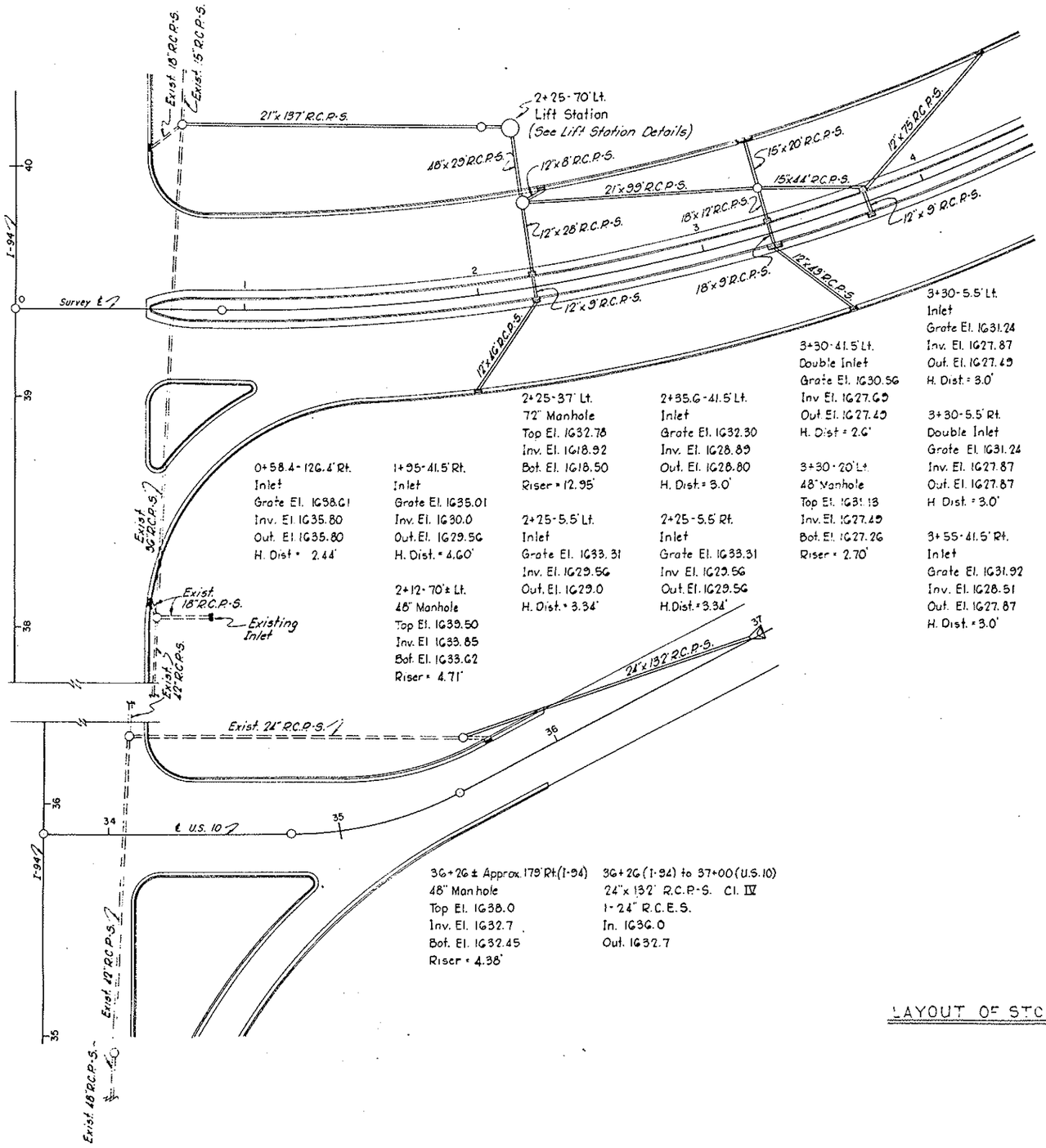
FHWA REGION	STATE	FED. AID PROJ. NO	SHEET NO.
8	N.D.	MG-1-010(05)	14



0+58.4 - 12G.4' Rt.
Inlet
Grate El. 1G38.G1
Inv. El. 1G35.80
Out. El. 1G35.80
H. Dist = 2.44'

1+95 - 41.5' Rt.
Inlet
Grate El. 1G35.01
Inv. El. 1G30.0
Out. El. 1G29.5G
H. Dist. = 4.GO'

2+12 - 70' ± Lt.
48" Manhole
Top El. 1G39.50
Inv. El. 1G33.85
Bot. El. 1G33.G2
Riser = 4.71'

2+25 - 37' Lt.
72" Manhole
Top El. 1G32.78
Inv. El. 1G18.92
Bot. El. 1G18.50
Riser = 12.95'

2+25 - 5.5' Lt.
Inlet
Grate El. 1G33.31
Inv. El. 1G29.5G
Out. El. 1G29.0
H. Dist. = 3.34'

2+35.G - 41.5' Lt.
Inlet
Grate El. 1G32.30
Inv. El. 1G28.89
Out. El. 1G28.80
H. Dist. = 3.0'

2+25 - 5.5' Rt.
Inlet
Grate El. 1G33.31
Inv. El. 1G29.5G
Out. El. 1G29.5G
H. Dist. = 3.34'

3+30 - 41.5' Lt.
Double Inlet
Grate El. 1G30.5G
Inv. El. 1G27.GO
Out. El. 1G27.40
H. Dist = 2.G'

3+30 - 20' Lt.
48" Manhole
Top El. 1G31.13
Inv. El. 1G27.49
Bot. El. 1G27.26
Riser = 2.70'

3+30 - 5.5' Lt.
Inlet
Grate El. 1G31.24
Inv. El. 1G27.87
Out. El. 1G27.49
H. Dist. = 3.0'

3+30 - 5.5' Rt.
Double Inlet
Grate El. 1G31.24
Inv. El. 1G27.87
Out. El. 1G27.87
H. Dist. = 3.0'

3+55 - 41.5' Rt.
Inlet
Grate El. 1G31.92
Inv. El. 1G28.51
Out. El. 1G27.87
H. Dist. = 3.0'

3+75 - 5.5' Lt
Inlet
Grate El. 1G31.31
Inv. El. 1G28.40
Out. El. 1G27.49
H. Dist = 2.5'

3+75 - 5.5' Rt.
Inlet
Grate El. 1G31.31
Inv. El. 1G28.40
Out. El. 1G28.40
H. Dist = 2.5'

4+45 - 41.5' Lt.
Inlet
Grate El. 1G31.GO
Inv. El. 1G29.09
Out. El. 1G28.40
H. Dist = 2.1'

3G+2G ± Approx. 179' Rt (I-94)
48" Manhole
Top El. 1G38.0
Inv. El. 1G32.7
Bot. El. 1G32.45
Riser = 4.38'

3G+2G (I-94) to 37+00 (U.S. 10)
24" x 132' R.C.P-S. Cl. IV
1-24" R.C.E.S.
In. 1G3G.0
Out. 1G32.7

LAYOUT OF STORM SEWER SYSTEM

INSTALL MANHOLES

3G+2G ±	Approx. 179' Rt. (I-94)	1-48"
2+12 -	70' ± Lt.	1-48"
2+25 -	37' Lt.	1-72"
3+30 -	20' Lt.	1-48"

INSTALL MANHOLE RISERS

3G+2G ±	Approx. 179' Rt. (I-94)	1-48" x 4.38'
2+12 -	70' ± Lt.	1-48" x 4.71'
2+25 -	37' Lt.	1-72" x 12.95'
3+30 -	20' Lt.	1-48" x 2.70'

INSTALL INLETS

0+58.4 -	12G.4' Rt.	1-Ea.
1+95 -	41.5' Lt.	1-Ea.
2+25 -	5.5' Lt.	1-Ea.
2+25 -	5.5' Rt.	1-Ea.
2+35.G -	41.5' Lt.	1-Ea.
3+30 -	5.5' Lt.	1-Ea.
3+55 -	41.5' Rt.	1-Ea.
3+75 -	5.5' Lt.	1-Ea.
3+75 -	5.5' Rt.	1-Ea.
4+45 -	41.5' Lt.	1-Ea.

INSTALL DOUBLE INLETS

3+30 -	41.5' Lt.	1-Ea.
3+30 -	5.5' Rt.	1-Ea.

INSTALL R.C.P. - SEWER

0+72 to 2+12 Lt.	21" x 137' Cl. III
1+95 to 2+25 Rt.	12" x 4G' Cl. III
2+25 - 5.5' Rt. to 5.5' Lt.	12" x 9' Cl. III
2+25 - 5.5' Lt. to 37' Lt.	12" x 28' Cl. III
2+25 - 37' Lt. to 70' Lt.	48" x 29' Cl. II
2+25 to 2+35.G Lt.	12" x 8' Cl. III
2+25 to 3+30 Lt.	21" x 99' Cl. III
3+30 to 3+55 Rt.	12" x 43' Cl. III
3+30 - 5.5' Rt. to 5.5 Lt.	18" x 9' Cl. III
3+30 - 5.5' Lt. to 20' Lt.	18" x 12' Cl. III
3+30 - 20' Lt. to 41.5' Lt.	15" x 20' Cl. III
3+30 to 3+75 Lt.	15" x 44' Cl. III
3+75 - 5.5' Rt. to 5.5' Lt.	12" x 9' Cl. III
3+75 to 4+45 Lt	12" x 75' Cl. III
3G+2G (I-94) to 37+00 (U.S. 10)	24" x 132' Cl. IV 1-R.C.E.S.