MICROFILMED
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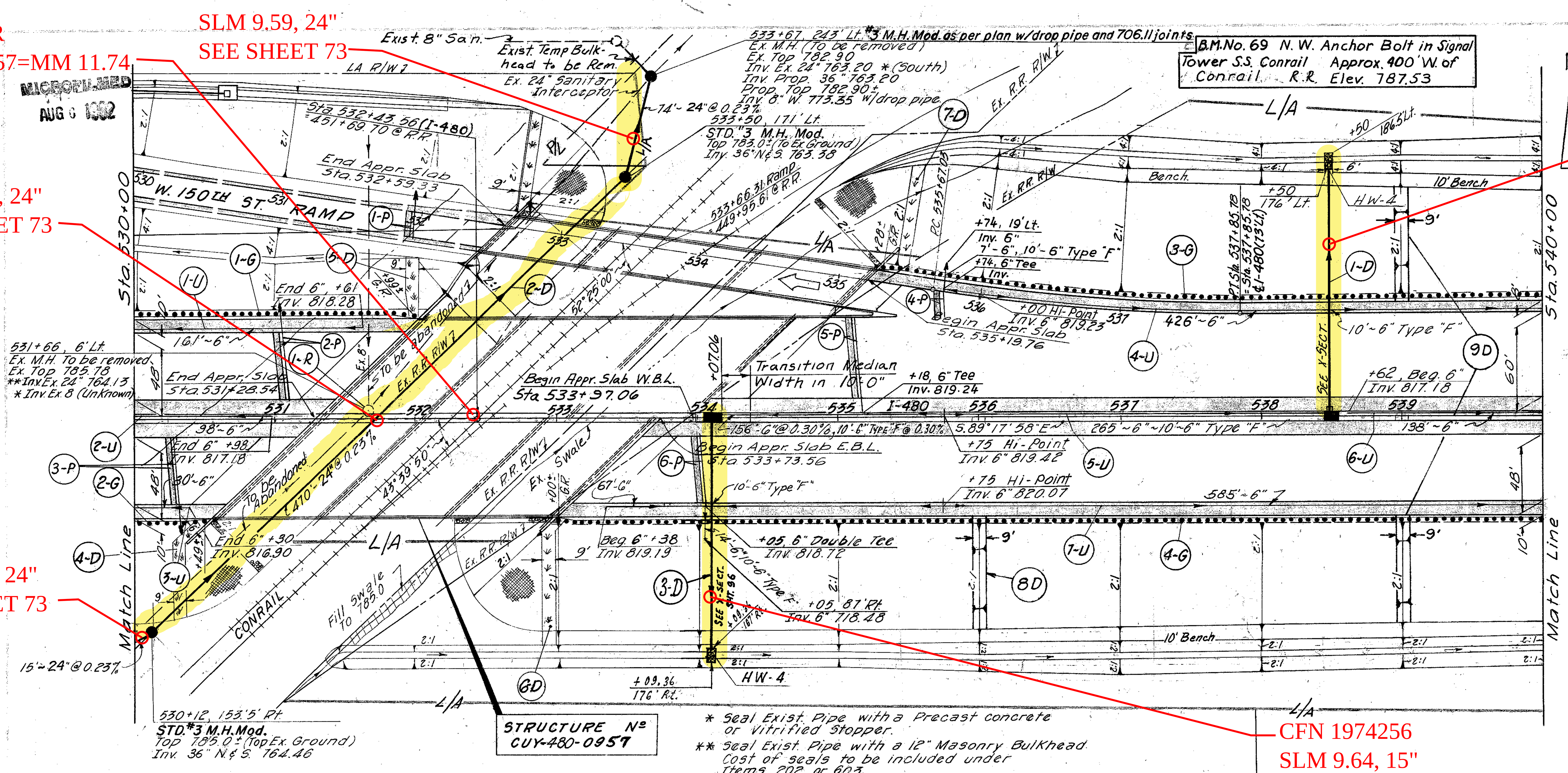


* Seal Exist. Pipe with a Precast concrete or Vitrified Stopper.
** Seal Exist. Pipe with a 12" Masonry Bulkhead. Cost of seals to be included under Items 202 or 603.

W. 150TH ST. RAMP CURVE DATA
P.I. = 536+76.62
Δ = 8°45'00" Lt.
D = 4°00'
T = 109.59'
R = 1432.39'
L = 218.75'
E = 4.19'

TREE REMOVAL
530+00 to 540+00

SIZE	Nº

ESTIMATED QUANTITIES

REF. #	SIDE	LOCATION	202 Manholes Removed Ea.	601 Rock Chan. Prot. Type "B" w/Bed. C.Y.	602 Concrete Masonry C.Y.	603 Type "B" 15" L.F.	660 Reinforced Sodding S.Y.	603 Type "C" 706.02 D3250 Cl. "A" Bed 706.11 Joints 24" L.F.	603 Type "F" 15" L.F.	603 Type "F" 6" L.F.	603 Bends & Br'chs 15"	605 Bends & Branches	605 Shallow Pipe Underdrains 6" L.F.	604 No. I-3H Inlet Ea.	604	604 Std. #3 M.H. with 706.11 Joints Mod. as per plan Ea.	606 Guard Rail Type 5 L.F.	604 Std. #3 M.H. with Drop Pipe & 706.11 Jts. Mod. as per plan Ea.	606 Bridge Terminal Assembly Type A Ea	Storm Sewer Profile Sht. #
1-D	L	538+50 ℄		3.5	0.25	86			96		2			1						98
2-D	L&R	530+00 to 533+67						559										1		73
3-D	R	534+09.36 to Rt.		3.0	0.25	80			95		2			1						96
1-U	L	530+00 to 531+61											161							
2-U	Med.	530+00 to 530+98											98							
3-U	R	530+00 to 530+30											30							
4-U	L	535+50(Ramp) to 540+00								20		1	433							
5-U	Med.	534+09 to 538+50								20		1	421							
6-U	Med.	538+62 to 540+00											138							
7-U	R	533+38 to 540+00								14		1	676							
1-G	L	530+00 to 531+99															199		1	
2-G	R	530+00 to 530+49															49		1	
3-G	L	535+28± Ramp to 540+00															472		1	
4-G	R	533+00 to 540+00															700		1	
8D	R	536+00					85													
9D	L&R	539+00					160													
1-R	Lt.	As indicated	1					San.								San.		San		
		Total to Gen. Summary	1	6.5	0.50	166	245	559	191	54	X	X	1957	2		2	1420	1	4	X

For W. 150th St. Ramp Roadway Design Details, See Sheet Nº 52.
For W. 150th St. Ramp Pavement Details & Elevations, See Sheet Nº 63, 64 & 65.
For Profile of proposed 24" Sanitary Sewer See Sheet Nº 73.
For Class "A" Bedding Detail, See Sheet Nº 20.
For I-80 Centerline Control Data, See Sheet Nº 331.

Estimated Quantities

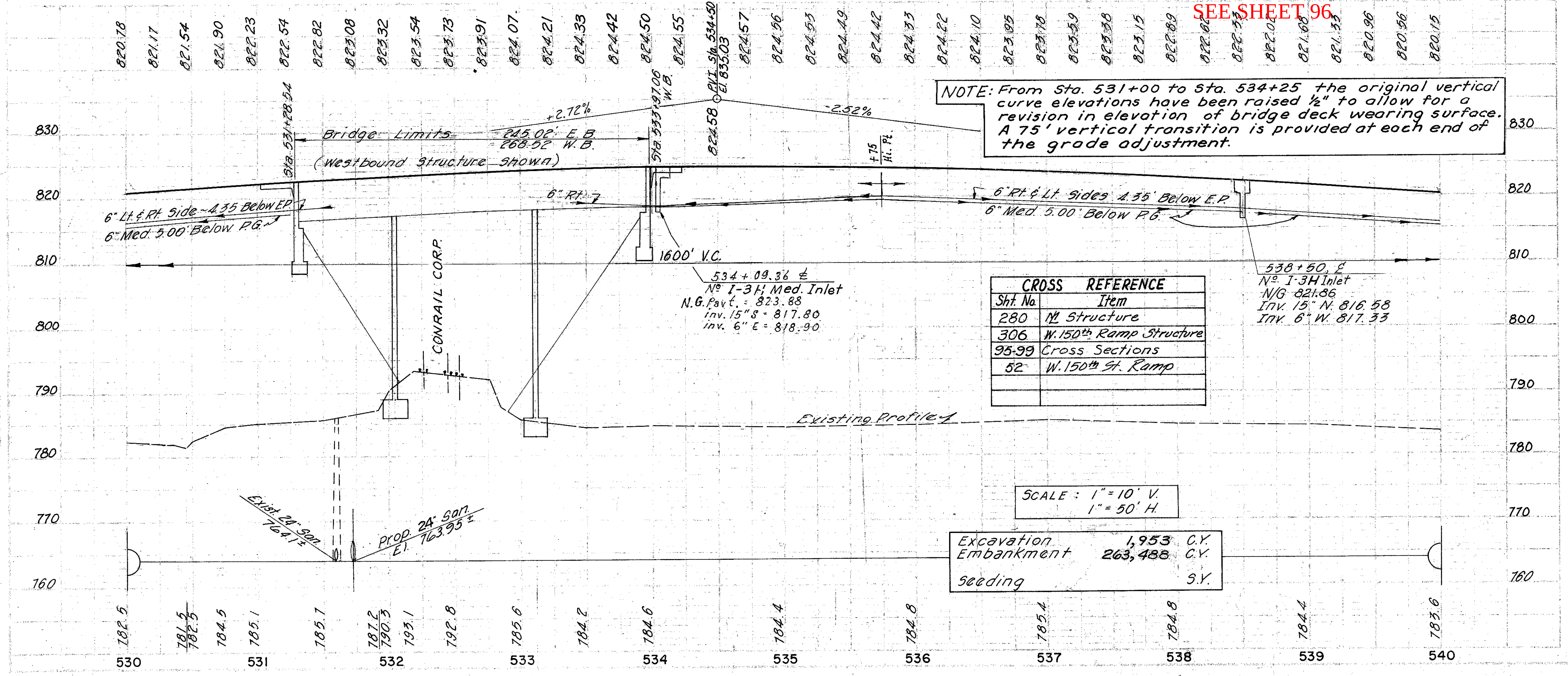
REF. NO.	SIDE	Location	SPEC. 605 Pressure Relief Joint, Type A L.F.	605 6" Shallow Pipe Underdrain L.F.
1P	–	531+90	16	35
2P	Lt.	531+06	49	70
3P	Rt.	530+24	49	70
4P	–	535+69	20	23
5P	Lt.	535+08	58	69
6P	Rt.	533+98	49	53
TOTAL			241	320

PROPOSED STRUCTURE ~ RAMP
TYPE: Continuous steel plate girder with reinforced concrete deck and substructure.
SPANS: 67'-9" 104'-0" 83'-0" c/c brgs.
ROADWAY: Variable f/f concrete parapets
LOADING: C.F.-2000 (1957) adequate for AASHO alternate loading.
SURFACE COURSE: Monolithic Concrete
SKEW: 37°-35' Left Forward
ALIGNMENT: Tangent
APPROACH SLABS: AS-1-72, Modified (25' Long)
See Sheet No. 306

Estimated Quantities

Ref.	Description	660 Reinf. Sodding S.Y.	667 Seeding and Jute Matting S.Y.
4-D	As Indicated	79	270
6-D	As Indicated	100	455
7-D	As Indicated	90	350
5-D	As Indicated	44	
Total Gen'l. Sum.		313	1075

PROPOSED STRUCTURE ~ Nº CUY-480-0957
TYPE: Continuous steel plate girder with reinforced concrete deck and substructure.
SPANS: W.B.L.: 70'-0" 107'-0" 85'-0" c/c brgs.
E.B.L.: 70'-0" 94'-0" 74'-6" c/c brgs.
ROADWAY: 142'-0" f/f concrete parapets with concrete barrier median.
LOADING: C.F.-2000 (1957) Adequate for AASHO alternate loading.
SURFACE COURSE: Monolithic Concrete
SKEW: 46°-20'~ Left Forward
ALIGNMENT: Tangent
APPROACH: AS-1-72, Modified (25' Long)
See Sheet No. 280



NOTE: From Sta. 531+00 to Sta. 534+25 the original vertical curve elevations have been raised ½" to allow for a revision in elevation of bridge deck wearing surface. A 75' vertical transition is provided at each end of the grade adjustment.

CROSS REFERENCE	
Sht. No.	Item
280	Ml. Structure
306	W. 150th Ramp Structure
95-99	Cross Sections
52	W. 150th St. Ramp

SCALE: 1" = 10' V.
1" = 50' H.

Excavation	1,953	C.Y.
Embankment	263,488	C.Y.
Seeding		S.Y.

D.R.S. 5-7-78
F.O. 3-2-66
NLS 3-8-66

Rev. 4-12-78