HIGHWAY ATTACHMENT

Original Construction Plans for I-70 Dated 1965

Etna, OH

HWY24MH001

(5 pages)

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO	I-70-7(29)117	

1
250

LIC-70-(5.12-8.67)
LICKING COUNTY

I-70-7(29)117

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
LIC-70-(5.12-8.67)
ETNA & HARRISON TOWNSHIPS
LICKING COUNTY

CONVENTIONAL SIGNS

County Line
Township Line
Corporation Line
Fence Line
Center Line
Railroad
Guard Rail
Pole Line

Limited Access & Right of Way — LA/RW
Limited Access Only — LA
Right of Way Only — RW
Existing Right of Way
Right of Way Fence
Property Line — ℄
Trees & Stumps

Existing ○○ New ● ●
Telephone ℘ Power ℘

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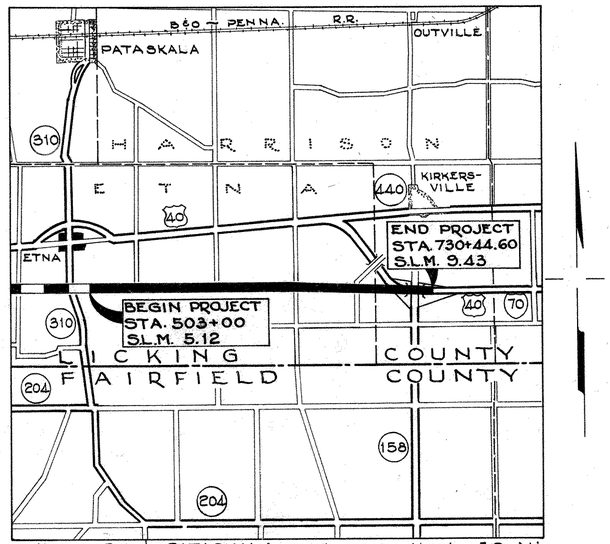

Delivery Point: PATASKALA Average Haul 5.9 Mi.
B.&O. R.R. and Penna. R.R. Sidings

LOCATION MAP

1 0 1 2 3
SCALE OF MILES

Portion To Be Improved
State Highways
Other Roads
Future Improvement

SCALES
Plan 0 50
Profile (Horizontal) 0 50
Profile (Vertical) 0 5 10
Cross Sections 0 5 10
SCALES OF FEET

LINE DATA

Begin Project Sta. 503+00
End Project Sta. 730+44.60
Length of Project 22,744.60 Lin. Ft. or 4.307 Miles
Begin Work Sta. 503+00
(Sta. Equation 733+97.69 Back = 550+00 Ahead)
End Work Sta. 572+30
Gross Length of Work 25,327.69 Lin. Ft. or 4.797 Miles
Work Additions

Twp. Rd. Nº 152	Sta. 16+00	to	Sta. 40+00	= 2,400.00	Lin. Ft.
Twp. Rd. Nº 42	Sta. 21+00	to	Sta. 34+50	= 1,350.00	Lin. Ft.
Co. Rd. Nº 39	Sta. 16+00	to	Sta. 34+50	= 1,850.00	Lin. Ft.
S.R. 158 (Comm. Rd.)	Sta. 512+00	to	Sta. 532+68.43	= 2,068.43	Lin. Ft.
Exist. S.R. 158	Sta. 42+29	to	Sta. 58+43	= 1,614.00	Lin. Ft.

Length of Work = 9,282.43 Lin. Ft. or 1.758 Miles
Total Length of Work = 34,610.12 Lin. Ft. or 6.554 Miles

1965 SPECIFICATIONS

The Standard Specifications of the State of Ohio, Department of Highways, including changes and supplemental specifications listed in the proposal shall govern this improvement.

The Right of Way for this improvement will be provided by the State of Ohio.

I hereby approve these plans and declare that the making of this improvement will not require the closing of the highway to traffic and that provisions for the maintenance and safety of traffic will be as set forth in these plans and estimates.

Approved [redacted]
Date 6-3-65 Division Deputy Director

Approved [redacted]
Date 9-9-65 Engineer of Bridges

Approved [redacted]
Date 9-15-65 Engineer of Location and Design

Approved [redacted]
Date 9-15-65 Deputy Director of Design and Construction

Approved [redacted]
Date 9-22-65 Deputy Director of Right of Way

No PR #887 9-14-65
Approved [redacted]
Date 9-22-65 Deputy Director of Planning and Programming

Approved
Date _____ First Assistant Director

Approved [redacted]
Date 9/22/65 Director of Highways

J-12

STANDARD CONSTRUCTION DRAWINGS

FAC1-1	G-1-65	HW-3	G-1-65	GR-2A	9-1-65
FAC1-2	G-1-65	HW-E	G-1-65	GR-6	G-1-65
BP-1	G-1-65	SP-55	G-30-61	MC-6	G-1-65
BP-2	G-1-65	MC-4	G-1-65	RP-3	G-1-65
BP-6	G-1-65	CB-4	G-1-65	MC-1	G-1-65
F-2	G-1-65	CB-5	G-1-65	BP-5	G-1-65
F-3	G-1-65	CB-6	G-1-65	BP-4	G-1-65
MC-3	G-1-65	CB-8	G-1-65	AS-1-54	7-5-62
HW-1	G-1-65	BP-7	G-1-65	L-1	G-1-65
HW-2	G-1-65	GR-1	G-1-65	FSB-1-62	1-15-63
CSB-4-63 Sht. 1&2	12-30-63	SD-1-63	11-12-63	BR-1-65 Sht. 1	2-1-65

SUPPL. SPECIFICATIONS

806 (See Proposal)	
201 (See Proposal)	
808	7-14-65
811	3-29-65

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED:

DIVISION ENGINEER DATE

FILE Nº	LICKING COUNTY
	SEC. LIC-70-(5.12-8.67)
	Date of Letting ..... 196...
	Contract Nº .....

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

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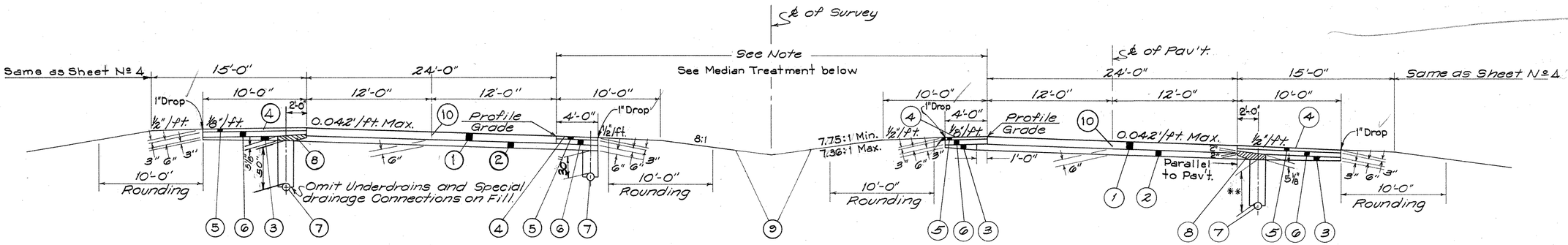
LIC-70-(5.12-8.67)

TYPICAL SECTION
TYPE 451

Note: See Normal Typical Section for Guard Rail Detail



SUPERELEVATED SECTION

SCHEDULE OF STATIONING ~ LEFT LANE

Sta. 695+75	to	Sta. 712+75	= 1,700	Lin. Ft.
Sta. 720+25	to	Sta. 730+44.60	= 1,019.60	Lin. Ft.
		Total Length	= 2,719.60	Lin. Ft.

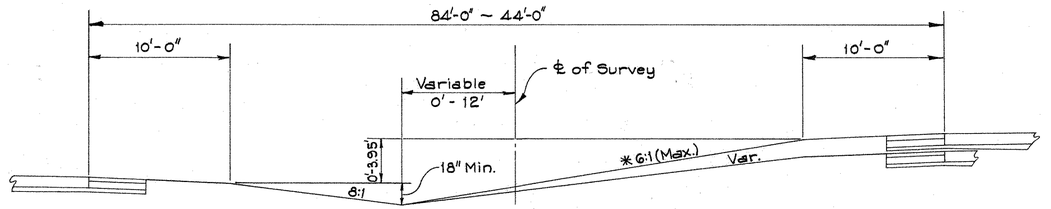
SCHEDULE OF STATIONING ~ RIGHT LANE

Sta. 697+25	to	Sta. 714+50	= 1,725	Lin. Ft.
Sta. 720+25	to	Sta. 731+57.30	= 1,132.30	Lin. Ft.
		Total Length	= 2,857.30	Lin. Ft.

NOTE:

Sta. 698+22.55	to	Sta. 711+89.22	Median Width Var. 84' to 44'
Sta. 711+89.22	to	Sta. 720+99.45	Median Width 44'
Sta. 720+99.45	to	Sta. 729+66.12	Median Width Var. 44' to 50'

(1)	451	9" Reinforced Portland Cement Concrete Pavement
(2)	310	Subbase, Grading "A" or "B", As per plan (See General Note) (Thickness as shown)
(3)	310	Subbase, Regular Grading (Thickness as shown)
(4)	409	Seal Coat, using 0.008 Cu.Yds. № 8 Aggregate per Sq.Yd. and 0.25 Gal's. Bituminous Material per Sq.Yd. (See note in Proposal)
(5)	301	3" Bituminous Aggregate Base, 702.01 (85-100) or 702.09 RT-12 (See Note in proposal.)
(6)	304	Aggregate Base. (Thickness as shown)
(7)	605	6" Shallow Pipe Underdrains and Deep Pipe Underdrains
(8)		Special Drainage Connection using № 8 Aggregate (See note in Proposal)
(9)	659	Seeding and Mulching
(10)		Standard Longitudinal Joint



MEDIAN TREATMENT LANES AT DIFFERENT ELEVATIONS

SCHEDULE OF STATIONING
Sta. 635+00 to Sta. 731+57.30

SEQUENCE OF OPERATIONS

1. Install pipe underdrain on outside shoulder. Installation of shallow underdrain in median may be deferred until 451 is placed.
2. Place subbase out to outside edge of underdrain or to one foot beyond edge of pavement where no underdrain is present.
3. Construct 451.
4. Remove subbase and any contaminated backfill over drain and replace with № 6 Aggregate as shown by (3)
5. Complete shoulder construction.

NOTE:
* Median Swale will remain at ℄ of Survey until slope reaches 6:1.
** 50" cover in cut and 30" cover in fill.

NOTE
For details not shown refer to Standard Construction Drawing MC-1.

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

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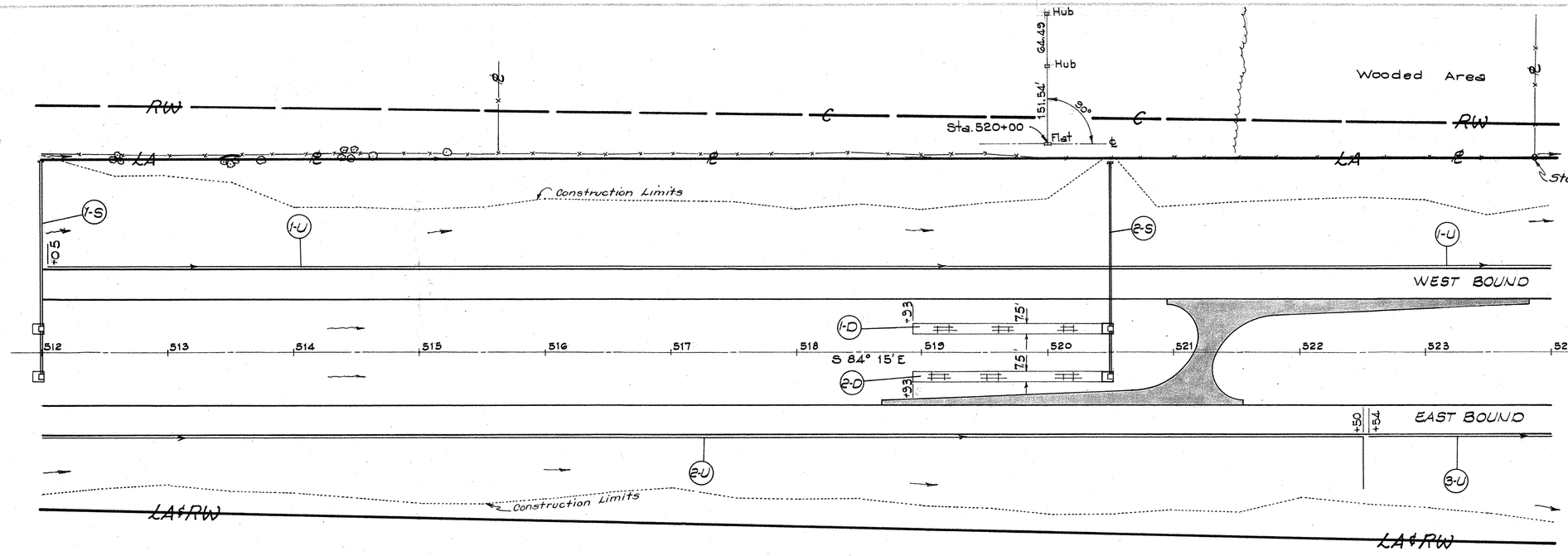


(S) SEWERS

Mark	Station From	Station To	Side	603 15" Conduit Type "B" Lin. Ft.	602 Concrete Masonry Cu. Yds.	604 No. 8 Catch Basin Each
1-S	512+00		Lt. & Rt.	171	0.3	2
2-S	520+50		Lt. & Rt.	170	0.3	2
Totals				341	0.6	4

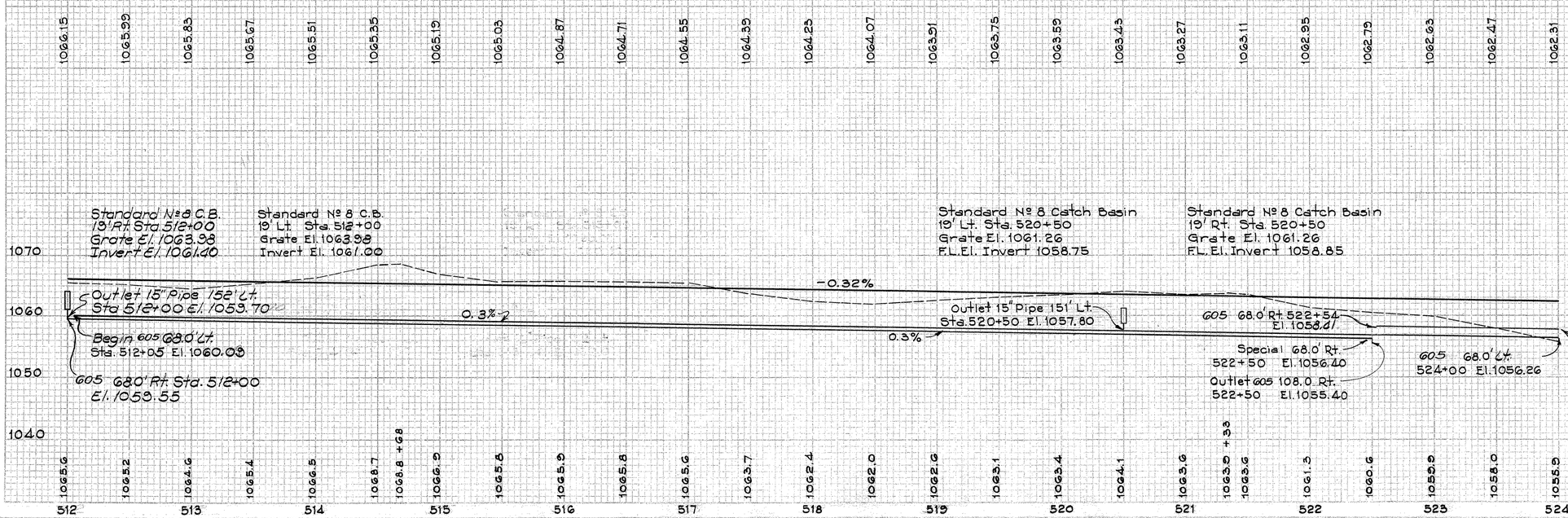
(U) DRAINS

Mark	Station From	Station To	Side	605 6" Pipe Underdrains Lin. Ft. Stallon	605 6" Pipe Underdrains Lin. Ft. Deep	603 8" Conduit Type "F" Lin. Ft.	6" Pipe Special Class I-3 Each 90° Bend
1-U	512+05	522+00	Lt.		1195		
2-U	512+00	522+50	Rt.		1080	10	1
3-U	522+54	524+00	Rt.	166			
Totals				166	2275	10	1

NOTE:
See Sheet No 11 for
U-Turn Median Opening
Details and Quantities

(D) DITCHES

Mark	Station From	Station To	Side	607 Jute Matting Sq. Yds.
1-D	518+93	520+43	Lt.	125
2-D	518+93	520+43	Rt.	125
Totals				250



Seeding	25,195 Sq. Yds.
Excavation	12,955 Cu. Yds.
Embankment	5,204 Cu. Yds.
Emb. + 12%	5,828 Cu. Yds.

B.M. #5 Spike S. Root 24" Oak 158' Lt.
Sta. 522+50 El. 1065.012

512+00 ~ 524+00

FED. RD. DIVISION	STATE	PROJECT		
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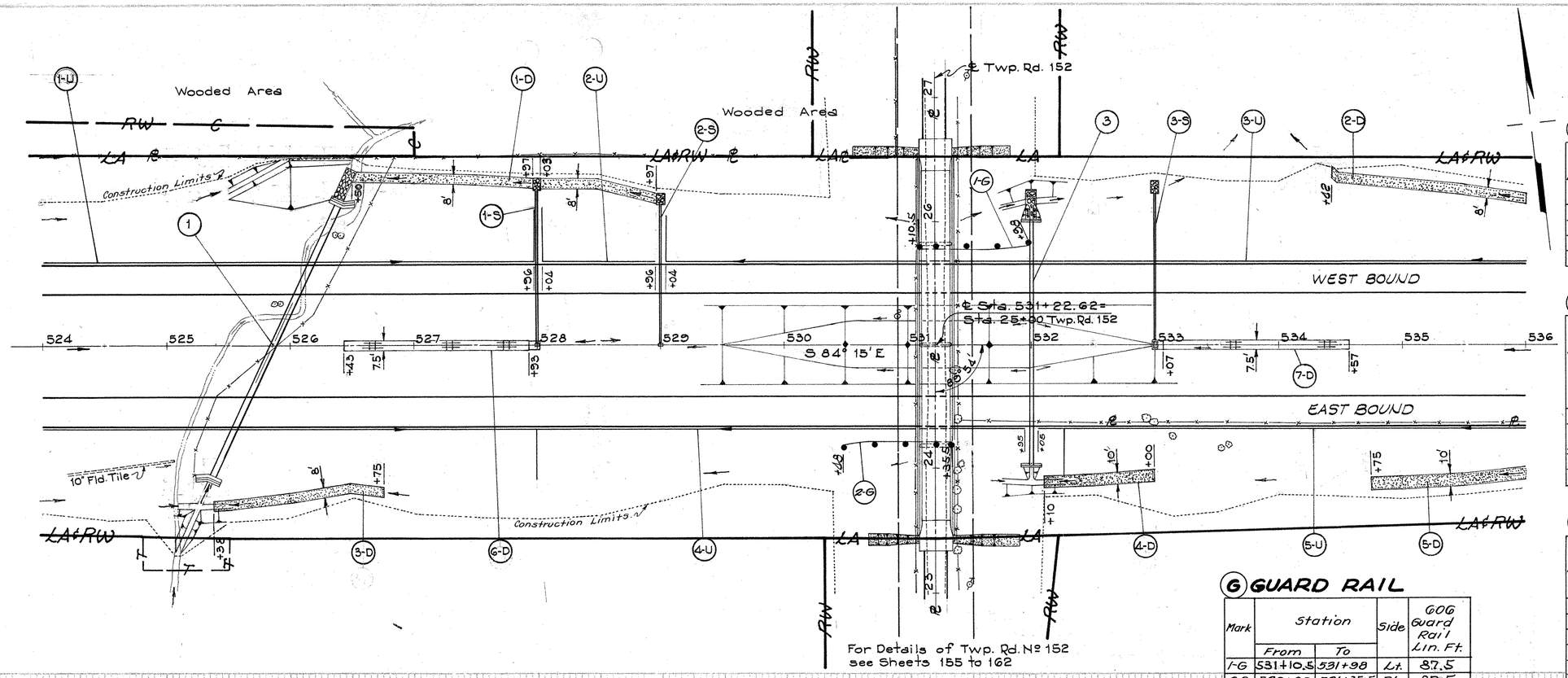


For Details of Twp. Rd. № 152 see Sheets 155 to 162

(S) SEWERS

Mark	Station From	Station To	Side	603 15" Conduit Type B Lin. Ft.	602 Concrete Masonry Cu. Yds.	604 No. 4 Catch Basin Each	601 Dump Rock Channel Prot. Cu. Yds.
1-S	528+00		Lt.	125	0.3	1	3
2-S	529+00		Lt.	113	0.3	1	3
3-S	533+00		Lt.	123	0.3	1	3
Totals				361	0.9	3	9

(U) DRAINS

Mark	Station From	Station To	Side	605 6" Pipe underdrains Lin. Ft. Shallow	605 6" Pipe underdrains Lin. Ft. Deep	603 8" Conduit Type F Lin. Ft	6" Special Each 90° Bend	6" Special Each Tee	603 6" Conduit Type F Lin. Ft.
1-U	524+00	527+96	Lt.		428	10	1		10
2-U	528+04	528+96	Lt.	186		10	1		
3-U	529+04	536+00	Lt.	703		10	1		20
4-U	524+00	531+95	Rt.	815		10		1	10
5-U	532+05	536+00	Rt.		423	10		1	
Totals				1644	851	50	3	2	40

(D) DITCHES

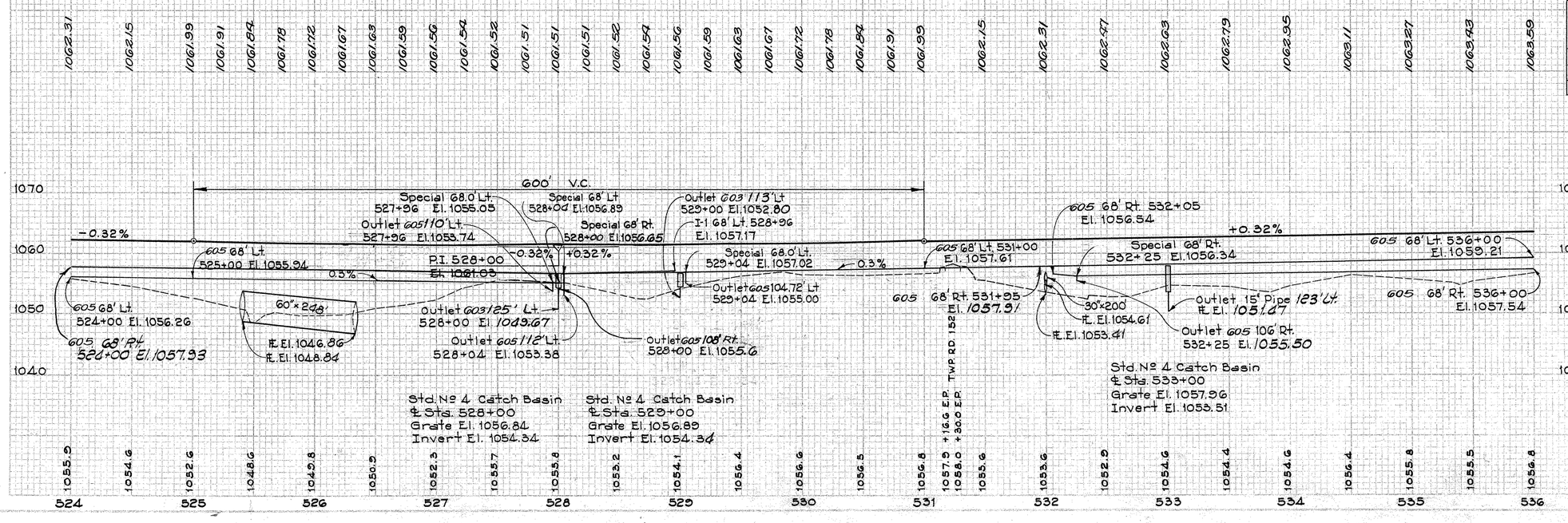
Mark	Station From	Station To	Side	660 Sodding Sq. Yds.	667 Jute Matting Sq. Yds.	
1-D	526+50	528+97	Lt	214		
2-D	534+42	536+00	Lt	141		
3-D	525+38	526+75	Rt.	124		
4-D	532+10	533+00	Rt.	100		
5-D	534+75	536+00	Rt.	139		
6-D	526+43	527+93	Med.		125	
7-D	533+07	534+57	Med.		125	
Totals				718	250	

(G) GUARD RAIL

Mark	Station From	Station To	Side	606 Guard Rail Lin. Ft.
1-G	531+10.5	531+98	Lt.	87.5
2-G	530+48	531+35.5	Rt.	87.5
Totals				175.0

STRUCTURES 20' SPAN & UNDER

Str. No.	S.L.M	Station	Proposed Type	Size	Length	Details on Sheet
1	0555	525+86	P.C.	60"	248	197
3	0567	532+00	P.C.	36"	200	199



Seeding	29,470	Sq. Yds.
Excavation	2276	Cu. Yds.
Embankment	54,530	Cu. Yds.
Emb. + 12%	61,074	Cu. Yds.

B.M. # 6 Spike in Power Pole 23.5' Lt.
Sta. 530+92.0 El. 1057.728

524+00 ~ 536+00