MINNESOTA DEPARTMENT OF TRANSPORTATION

THE COUNTY OF OLMSTED

CONSTRUCTION PLAN FOR GRADING & AGGREGATE BASE

LOCATED ON C.R. NO. 156 **BETWEEN** 7153.83' W. OF C.R. 104 **AND** C.R. 104 **(GEOGRAPHIC DESCRIPTION)**

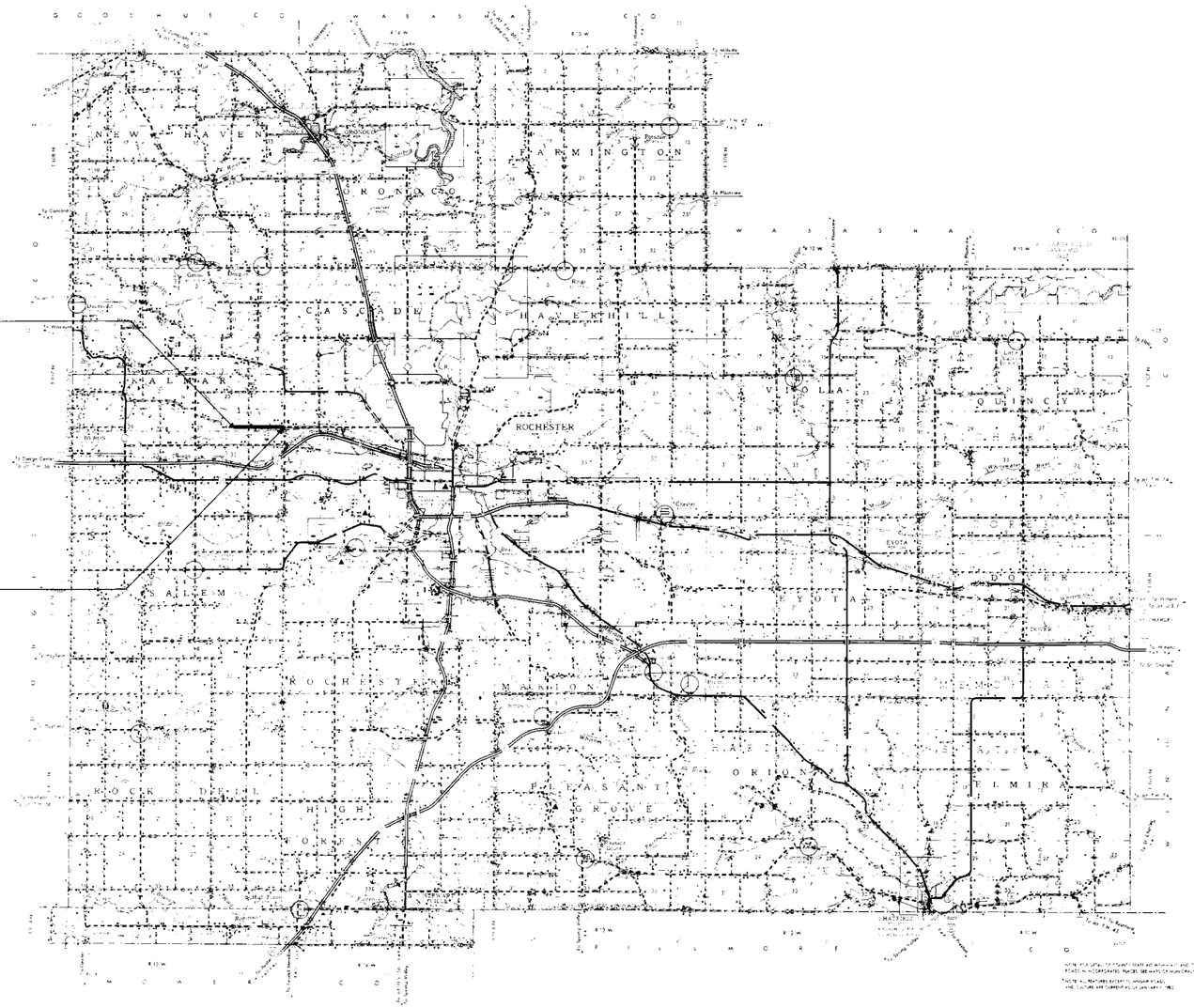
FROM 1776' WEST OF THE SE. CORNER OF THE NE. 1/4 SEC. 26 T107N-R15W **TO** SE. CORNER OF THE NE. 1/4 SEC. 25 T107N-R15W **(LEGAL DESCRIPTION)**

~~**STATE PROJ. NO.**~~ C156-90-5

GROSS LENGTH	7153.83	FEET	1.355 MILES
BRIDGES-LENGTH	0	FEET	0 MILES
EXCEPTIONS-LENGTH	0	FEET	0 MILES
NET LENGTH	7153.83	FEET	1.355 MILES

STATE PROJ. NO. .....

GROSS LENGTH		FEET	MILES
BRIDGES-LENGTH		FEET	MILES
EXCEPTIONS-LENGTH		FEET	MILES
NET LENGTH		FEET	MILES



PLANS SYMBOLS

STATE LINE
COUNTY LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
RIGHT OF WAY LINE
PRESENT RIGHT OF WAY LINE
CONTROL OF ACCESS LINE
PROPERTY LINE (NOT LAND SURV.)
VACATED PLATTED PROPERTY
CORPORATE OR CITY LIMITS
TRUNK HIGHWAY CENTER LINE
RETAINING WALL
RAILROAD
RAILROAD RIGHT OF WAY LINE
RIVER OR CREEK
DRY RUN
DRAINAGE DITCH
DRAIN TILE
CULVERT
DROP INLET
GUARD RAIL
BARBED WIRE FENCE
WOVEN WIRE FENCE
CHAIN LINK FENCE
RAILROAD SNOW FENCE
STONE WALL OR FENCE
HEDGE
RAILROAD CROSSING SIGN
RAILROAD CROSSING BELL
ELECTRIC WARNING SIGN
CROSSING GATE
MEANDER CORNER
SPRINGS
MARSH
TIMBER
ORCHARD
BRUSH
NURSERY
CATCH BASIN
FIRE HYDRANT
CATTLE GUARD
OVERPASS (Highway Over)
UNDERPASS (Highway Under)
BRIDGE
BUILDING (One Story Frame)
F: FRAME C: CONCRETE
S: STONE T: TILE
B: BRICK ST: STUCCO
IRON PIPE OR ROD
MONUMENT (STONE, CONCRETE OR METAL)
WOODEN HUB
GRAVEL PIT
SAND PIT
BORROW PIT
ROCK QUARRY
SLOPE EASEMENT

UTILITIES SYMBOLS

POWER POLE LINE
TELEPHONE OR TELEGRAPH POLE LINE
JOINT TELEPHONE AND POWER ON POWER POLES
ON TELEPHONE POLES
ANCHOR
STEEL TOWER
STREET LIGHT
PEDESTAL (TELEPHONE CABLE TERMINAL)
GAS MAIN
WATER MAIN
CONDUIT
TELEPHONE CABLE IN CONDUIT
ELECTRICAL CABLE IN CONDUIT
TELEPHONE MANHOLE
ELECTRIC MANHOLE
BURIED TELEPHONE CABLE
BURIED ELECTRICAL CABLE
AERIAL TELEPHONE CABLE
SEWER (SANITARY OR STORM)
SEWER MANHOLE

SCALES

PLAN 0 100'
PROFILE 0 100' HORZ. 0 10' VERT.
INDEX MAP 0 2 MILES
CROSS SECTIONS 0 10'

MINN. PROJ. NO. .....

GOVERNING SPECIFICATIONS

THE 1988 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION SHALL GOVERN.

INDEX

SHEET	NO. 1	TITLE SHEET AND LAYOUT MAP
SHEET	NO. 2	ESTIMATE OF QUANTITIES & TYPICAL SECTIONS
SHEET	NO. 3-5	PLAN AND PROFILE
SHEET	NO. 6-21	CROSS SECTIONS

DESIGN DESIGNATION

R .....
ADT (Current Year) = ...
ADT (Future Year) = ...
DHV (Design Hr. Vol.) = ...
D (Directional Distr.) = ... %
T (Heavy Commercial) = ... %
SOIL FACTOR 130 %
SHOULDER WIDTH 4'
10 TON DESIGN

ΣN18(20) .....
Design Speed 40 MPH
Based on STOPPING Sight Distance
Height of eye 3.5' Height of object 0.5'
Design Speed not achieved at:

STA.	TO STA.	MPH
STA.	TO STA.	MPH
STA.	TO STA.	MPH

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE 7/10/90 REG. NO. 10397 ENGR. Michael Sheehan

COUNTY Olmsted

Recommended for Approval ..... 19 .....
DISTRICT STATE AID ENGINEER

Recommended for Approval ..... 19 .....
STATE AID PLANS AND SPECS ENGINEER

Approved ..... 19 .....
STATE AID ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED

....
DIVISION ADMINISTRATOR DATE

~~**STATE AID PROJ. NO.**~~ C156-90-5
~~**STATE PROJ. NO.**~~ C.R. 156 OLMSTED COUNTY **SHEET NO.** 1 **OF** 21 **SHEETS**

ESTIMATED QUANTITIES

	SPECIFICATION NO.	ITEM	UNIT	MUNICIPAL	RURAL	TOTAL ESTIMATED QUANTITIES
	2101.502	CLEARING	TREE		37	37
	2101.507	GRUBBING	TREE		34	34
	2104.501	REMOVE CULVERT PIPE	LIN. FT.		400	400
	2104.513	SAWING BITUMINOUS PAVEMENT	LIN. FT.		100	100
	2104.521	SALVAGE CULVERT PIPE	LIN. FT.		191	191
	2104.523	SALVAGE CULVERT PIPE APRONS	EACH		11	11
①	2105.515	UNCLASSIFIED EXCAVATION (P)	CU. YD.		42,268	42,268
	2105.535	SALVAGED TOPSOIL (EV) (P)	CU. YD.		4,735	4,735
②	2123.503	MOTOR GRADER	HOUR		20	20
②	2123.508	15 CU. YD. SCRAPER	HOUR		20	20
②	2123.509	DOZER	HOUR		20	20
③	2130.501	WATER	M-GAL.		60	60
④	2211.501	AGGREGATE BASE CLASS 2	TON		6,275	6,275
	2211.501	AGGREGATE BASE CLASS 5 MODIFIED	TON		11,550	11,550
⑤	2501.511	18" C.S. PIPE CULVERT	LIN. FT.		302	302
	2501.511	24" R.C. PIPE CULVERT CLASS 2	LIN. FT.		436	436
	2501.511	48" R.C. PIPE CULVERT CLASS 2	LIN. FT.		64	64
	2501.515	18" G.S. PIPE APRON	EACH		12	12
	2501.515	24" R.C. PIPE APRON	EACH		12	12
	2501.515	48" R.C. PIPE APRON	EACH		2	2
	2501.521	88" R.C. PIPE-ARCH CULVERT CLASS 2A	LIN. FT.		122	122
	2501.521	102" R.C. PIPE-ARCH CULVERT CLASS 2A	LIN. FT.		168	168
	2501.525	88" R.C. PIPE-ARCH APRONS	EACH		4	4
	2501.525	102" R.C. PIPE-ARCH APRONS	EACH		4	4
⑥	2502.521	12" C.S. PIPE DRAIN	LIN. FT.		222	222
	2502.551	12" C.S. INSPECTION TEE	LIN. FT.		18	18
⑦	2511.501	RANDOM RIPRAP CLASS 3	CU. YD.		290	290
	2575.501	SEEDING (P)	ACRE		11	11
⑧	2575.502	SEED MIXTURE 500	POUND		650	650
⑨	2575.502	SEED MIXTURE 1100	POUND		704	704
	2575.505	SODDING TYPE EROSION CONTROL	SQ. YD.		2,150	2,150
⑩	2575.511	MULCH MATERIAL TYPE 1	TON		22	22
	2575.519	DISC. ANCHORING (P)	ACRE		9	9
⑪	2575.531	COMMERCIAL FERTILIZER ANALYSIS 12-12-12	TON		1.1	1.1

(P) PLAN QUANTITY

① UNCLASSIFIED EXC. INCLUDES SUBGRADE TREATMENT AS SHOWN ON PLAN.
② EQUIPMENT HOURS TO BE USED TO CLEAN THE OPEN DITCH ON THE INLET SIDE OF THE ℄ CULVERTS LT. OF STA. 114 + 99.
③ WATER TO BE USED AS A DUST PREVENTIVE AS DIRECTED BY THE ENGINEER.
④ INCLUDES 5385 TONS FOR MAINLINE AND 890 TONS FOR APPROACHES.
⑤ LENGTH INCLUDES 1-45° ELBOW AND 1-90° TEE.
⑥ INCLUDES 1 OUTLET SCREEN FOR 12" C.S. PIPES.
⑦ GRANULAR FILTER MATERIAL WILL BE INCIDENTAL TO RIPRAP CONSTRUCTION.
⑧ APPLICATION RATE 60 POUNDS PER ACRE.
⑨ APPLICATION RATE 64 POUNDS PER ACRE.
⑩ APPLICATION RATE 2 TONS PER ACRE.
⑪ APPLICATION RATE 200 POUNDS PER ACRE.

STANDARD PLATES

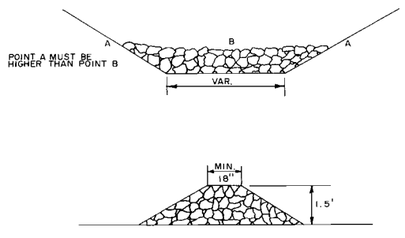
THE FOLLOWING STANDARD PLATES, APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION, SHALL APPLY ON THIS PROJECT.

PLATE NO	DESCRIPTION
0005 A	SPECIFICATION REFERENCE TO STANDARD PLATES.
3000 K	REINFORCED CONCRETE PIPE.
3007 B	SHEAR REINFORCEMENT FOR PRECAST DRAINAGE STRUCTURES.
3014 J	REINFORCED CONCRETE PIPE ARCH DETAIL.
3040 F	CORRUGATED METAL PIPE CULVERT.
3100 G	CONCRETE APRON FOR REINFORCED CONCRETE PIPE.
3110 G	CONCRETE APRON FOR REINFORCED CONCRETE PIPE-ARCH.
3123 I	METAL APRON FOR C.S. PIPE.
3124 B	METAL APRON CONNECTION.
3133 B	RIPRAP AT R.C.P. OUTLETS.
3142 A	OUTLET SCREEN FOR C.M. & S.C. PIPES.
3143 C	INSPECTION TEES.
3145 E	CONCRETE PIPE TIES, EYE BOLT TIE.
3221 C	CORRUGATED STEEL PIPE COUPLING BANDS.
8000 I	STANDARD BARRICADES.
9000 B	APPROACHES AND ENTRANCES.

ALL UTILITY POLES AND UNYIELDING OBJECTS WILL BE RELOCATED OUTSIDE THE 32' RECOVERY AREA.

SODDING LOCATIONS	SQ. YDS.
DITCH & SLOPES LT. STA 80 + 00 TO 82 + 25	655
DITCH & SLOPES RT STA 90 + 00 TO 92 + 25	890
DITCH & SLOPES LT. STA 130+00 TO 132 + 35	605
TOTAL SQ. YDS. OF SOD	2,150

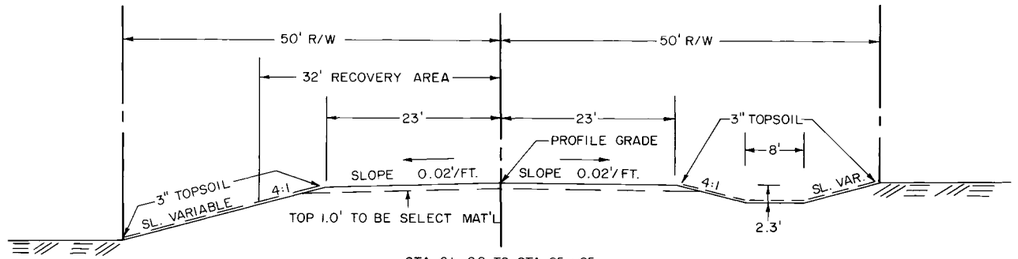
ROCK OR STONE DITCH CHECK SECTIONS



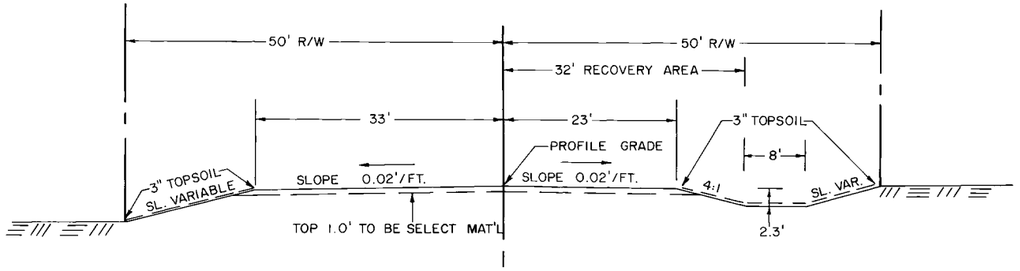
NOTES FOR ROCK DITCH CHECKS

1. DITCH CHECKS MAY BE CONSTRUCTED WITH ROCKS OR STONES OBTAINED FROM THIS PROJECT.
2. DITCH CHECKS SHALL BE LEFT IN PLACE.
3. BASIS OF PAYMENT FOR DITCH CHECKS SHALL BE UNDER ITEM NO. 2511.501 RANDOM RIP RAP CLASS 3.
4. DITCH CHECKS SHALL BE CONSTRUCTED AT LOCATIONS DESIGNATED BY THE ENGINEER DURING CONSTRUCTION.
5. APPROXIMATELY 20 DITCH CHECKS TO BE CONSTRUCTED ON PROJECT WHICH WILL REQUIRE 70 CU. YDS. OF RIPRAP.

TYPICAL GRADING SECTIONS

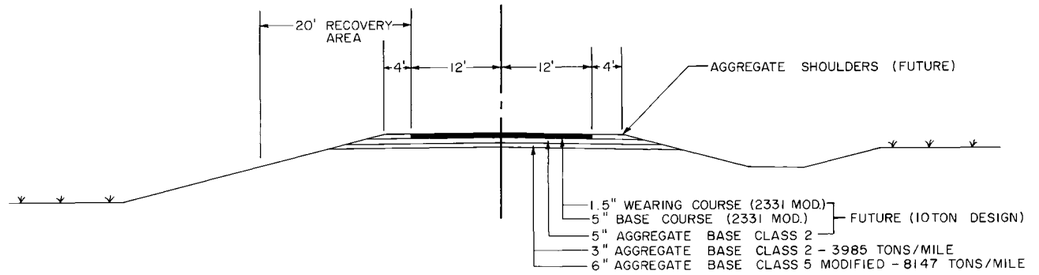


STA 61+00 TO STA. 65+65
STA. 71+00 TO STA. 132+35

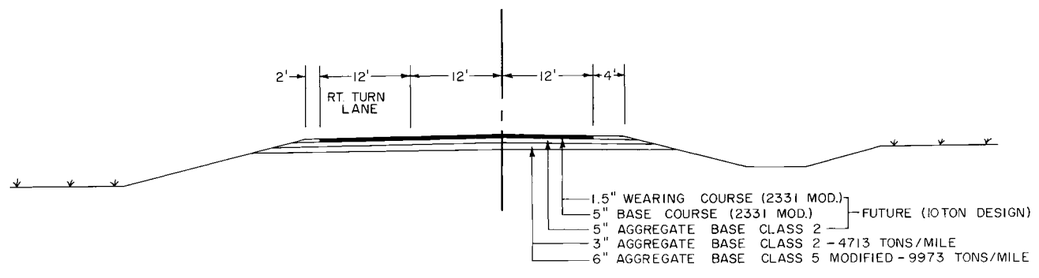


RIGHT TURN LANE
STA. ~~65+65~~ TO STA. ~~71+00~~
63+60 68+00

TYPICAL SURFACING SECTIONS



STA. 61+00 TO STA. 65+65
STA. 71+00 TO STA. 132+35



STA. 65+65 TO STA. 71+00

ARMSTRONG INC MINNEAPOLIS 55441

F.E. LT. 64+00
NO CULVERT INPL.

NO F.E. REQ'D

F.E. LT. 66+38
20" SPAN x 22" C.M.P.
NO APRONS
REMOVE
MOVE TO STA. ~~65+65~~ 63+55
NO CULV. REQ'D

℄ CULV. STA. 68+19
INPL. 15" x 37" C.M.P.
NO APRONS
REMOVE
24"x 78' R.C. PIPE CULV. CL. 2
2-24" R.C. PIPE APRONS
PLACE CULV. ON "B" BEDDING
F. & I. CONCRETE PIPE TIES

℄ CULV. STA. 74+08
INPL. 18" x 41" C.M.P.
NO APRONS
REMOVE
24"x 74' R.C. PIPE CULV. CL. 2
2-24" R.C. PIPE APRONS
PLACE CULV. ON "B" BEDDING
F. & I. CONCRETE PIPE TIES

F.E. LT. 74 ~~+75~~ 30
NO CULV. INPL.

NO CULV. REQ'D

TWP. RD. LT. 79+76
NO CULV. INPL.

NO CULV. REQ'D

NO DRIVE REQ'D
RES. DRIVE LT. 80+75
INPL. 18" x 24' C.M.P.
NO APRONS
REMOVE

RES. DRIVE LT. 81+38
INPL. 18" x 20' C.M.P.
NO APRONS
REMOVE

F.E. LT. 83+64
INPL. 15" x 31' C.M.P.
NO APRONS
REMOVE
~~18" x 32' C.S. PIPE CULV.~~
~~2-18" G.S. PIPE APRONS~~
MOVE TO STA. 82+20

CONST. RES. DR. OFF TWP. RD.
18"x32' C.S. PIPE CULV.
2-18" G.S. PIPE APRONS

OUTLET: 23' LT. INTO 24" R.C.P. STA. 80+30
CULV. IS LOCATED 23' LT. FROM STA.
80+30 TO STA. 81+60
18" x ~~36'~~ C.S. PIPE CULVERT *194'*
~~90° INLET: 33' LT. STA. 81+10~~ *NOT REQ'D*
~~18" x 10' G.S. PIPE CULVERT~~ *NOT REQ'D*
45° INLET: 31' LT. STA. ~~81+60~~ *82+28*
18" x 14' C.S. PIPE CULVERT
2-18" G.S. PIPE APRONS
CULVERT LENGTH INCLUDES ~~1-90° TEE~~ &
1-45° BEND *208' C.S. PIPE TOTAL*

℄ CULV. STA. 59+14
INPL. 24" x 40'
REMOVE

24" x 66' C.S. PIPE CULV.
2-24" G.S. PIPE APRONS
FURNISHED BY COUNTY

CONST. F.E. LT. 68+50
NO CULV. REQ'D

BEGIN: C156-90-5
STA. ~~61+00~~ 58+00

F.E. RT. 64+90
NO CULV. INPL.

REMOVE +30
MOVE TO 65 ~~+65~~
NO CULV. REQ'D

F.E. RT. 70+50
NO CULV. INPL.

~~18" x 28' C.S. PIPE CULV.~~
~~2-18" G.S. PIPE APRONS~~
MOVE TO STA. 69+85
NO CULV. REQ'D

℄ CULV. STA. 79+38
INPL. 24"x 36' CMP
1-24" APRON

REMOVE 39 LIN. FT.
MOVE CULV. TO STA. 79+20
24" x 68' R.C. PIPE CULV. CL. 2
2-24" R.C. PIPE APRONS
PLACE CULV. ON "B" BEDDING
F. & I. CONCRETE PIPE TIES

TWP. RD. RT. 79+76
NO CULV. INPL.

NO CULV. REQ'D

℄ CULV. STA. 80+22
INPL. 24"x 41' CMP
1-24" APRON

REMOVE 44 LIN. FT.
MOVE CULV. TO STA. 80+30
24" x 76' R.C. PIPE CULV. CL. 2
2-24" R.C. PIPE APRONS
PLACE CULV. ON "B" BEDDING
F. & I. CONCRETE PIPE TIES

CLEAR 21 TREES GRUB 18 TREES

B.M. EL. 1151.16
SPK. IN P.P. 34'
LT. STA. 66+64

B.M. EL. 1111.25
SPK. IN P.P. 29'
RT. STA. 80+08

INLET 45.0
OUTLET 40.7

P.I. 65+00
ELEV. 1160.3
500' V.C.
M = 0.5

INLET EL. 45.4
OUTLET EL. 39.7

P.I. 79+50
ELEV. 1109.55
580' V.C.
M = 4.64

INLET EL. ~~26.4~~ 24.4
OUTLET EL. 19.2

INLET EL. 09.6
OUTLET EL. 07.5

INLET EL. 08.5
OUTLET EL. 05.5

P.I. 87+50
ELEV. 1132.75
900' V.C.
M = 7.5375

PROFILE
℄
75' RT.
75' LT.

SUBGRADE TREATMENT
EXCAVATE 1.0' BELOW PROFILE GRADE
FROM STA. 61+00 TO STA. 66+25
FROM STA. 68+00 TO STA. 79+50
FROM STA. 80+75 TO STA. 132+75

SALVAGED TOPSOIL	2774 CU. YDS.
UNCLASSIFIED EXC.	20210 CU. YDS.
EMBANKMENT	13796 CU. YDS.

NOTE: 5034 CU. YDS. UNCLASSIFIED EXCAVATION TO BE USED FOR RAISING AND WIDENING THE EXISTING ROAD FROM STA. 61+00 TO 700' WEST.

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AS BUILT PLANS

℄ CULV. STA. 92+32
INPL. 15"x 31' C.M.P.
1-15" APRON

REMOVE 34 LIN. FT.

24"x 70' R.C. PIPE CULV. CL. 2
2-24" R.C. PIPE APRONS
PLACE CULV. ON "B" BEDDING
F. & I. CONCRETE PIPE TIES

F.E. LT. 93+17
NO CULV. INPL.

NO CULV' REQ'D

MOVE TO STA. 92+55

℄ CULV. STA. 105+40
INPL. 18"x 42' C.M.P.
2-18" APRONS

REMOVE 48 LIN. FT.

24"x 70' R.C. PIPE CULV. CL. 2
2-24" R.C. PIPE APRONS
PLACE CULV. ON "B" BEDDING
F. & I. CONCRETE PIPE TIES

F.E. LT. 106+32
INPL. 18"x 34' C.M.P.
NO APRONS

REMOVE

~~18"x 28' C.S. PIPE CULV.~~
~~2-18" G.S. PIPE APRONS~~

NO CULV. REQ'D

F.E. LT. 114+15
NO CULV.

NO CULV. REQ'D

MOVE TO 13+70

F.E. LT. 115+11
INPL. 72" SPAN x 22' C.M.P.
1-72" APRON

SALVAGE 22 LIN. FT.
72" SPAN C.M.P.
SALVAGE 1-72" SPAN
APRON

NO CULV. REQ'D

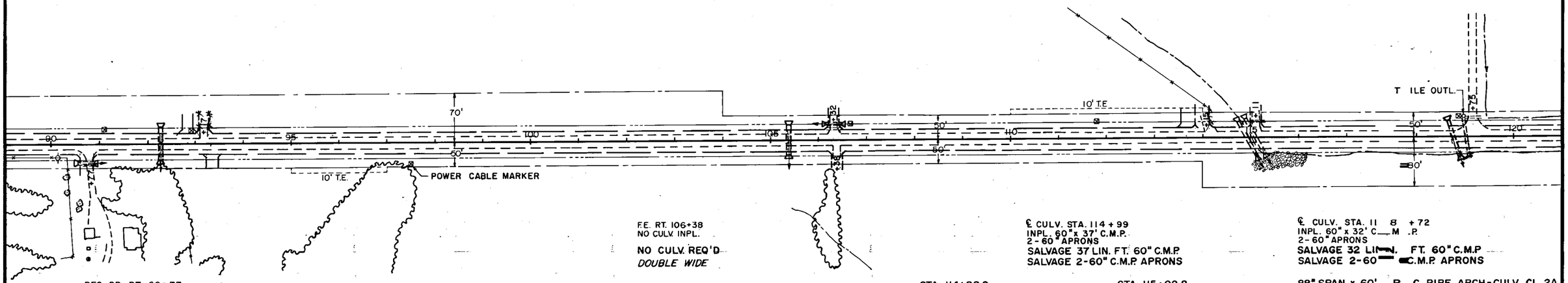
12" TILE OUTL. 118+98
39' LT.

CONST. 12" TILE CROSSING
STA. 118+98
86' 12" x ~~92'~~ C.S. PIPE DRAIN
6 LIN. FT. C.S. INSPECTION
TEE ~~49'~~ LT. 43'
EXTEND 12" TILE LT.
STA. 118+98 TO DITCH RT.
STA. 118+98.
F. & I. 12" OUTLET SCREEN
40' RT.

RES. DR. LT. 119+75
84" SPAN x 28' C.M.P.
2-84" APRONS

SALVAGE 28 LIN. FT.
84" SPAN C.M.P.
SALVAGE 2-84" SPAN
APRONS.

NO CULV. REQ'D



RES. DR. RT. 90+77
INPL. 15"x 26' C.M.P.
NO APRONS
REMOVE
~~56'~~ 18"x ~~32'~~ C.S. PIPE CULV.
2-18" G.S. PIPE APRONS

CONST. F.E. LT.
STA. 93+30
NO CULV. REQ'D

F.E. RT. 106+38
NO CULV. INPL.

NO CULV. REQ'D
DOUBLE WIDE

℄ CULV. STA. 114+99
INPL. 60"x 37' C.M.P.
2-60" APRONS
SALVAGE 37 LIN. FT. 60" C.M.P.
SALVAGE 2-60" C.M.P. APRONS

℄ CULV. STA. 11 8 +72
INPL. 60"x 32' C M .P.
2-60" APRONS
SALVAGE 32 LIN. FT. 60" C.M.P
SALVAGE 2-60 C.M.P. APRONS

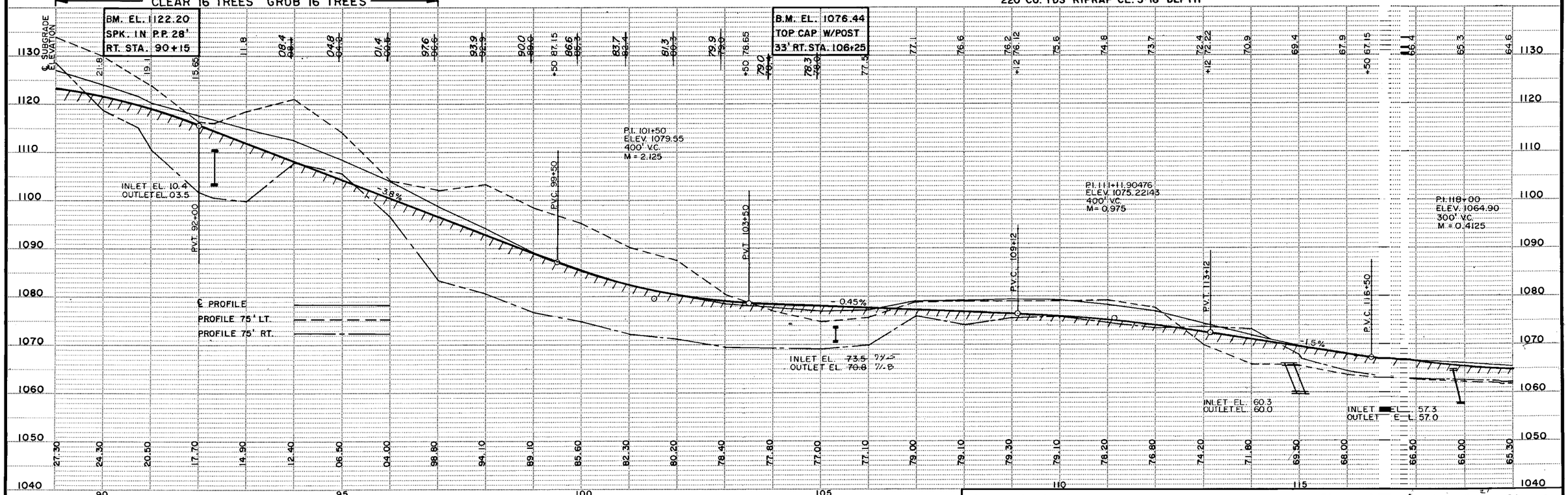
STA. 114+88.0
102" SPAN x 84' R.C. PIPE ARCH
CULVERT CL. 2A.
2-102" R.C. PIPE-ARCH APRONS
PLACE CULV. ON "B" BEDDING
F. & I. CONCRETE PIPE TIES
SKEW CULVERT 30° LT.

STA. 115+02.8
102" SPAN x 84' R.C. PIPE-ARCH
CULVERT CL. 2A.
2-102" R.C. PIPE-ARCH APRONS
PLACE CULV. ON "B" BEDDING
F. & I. CONCRETE PIPE TIES
SKEW CULVERT 30° LT.

220 CU. YDS RIPRAP CL. 3-18" DEPTH

88" SPAN x 60' R .C. PIPE ARCH-CULV. CL. 2A
2-88" SPAN R.C. PIPE APRONS
PLACE CULV. ON "B" BEDDING
F. & I. CONCRETE PIPE TIES
SKEW CULVERT 15° LT.

CLEAR 16 TREES GRUB 16 TREES



State Proj. No. C156-90-5 OLMSTED COUNTY C.R. 156 **Sheet No.** 4 **of** 21 **Sheets**

AS BUILT PLANS

F.E. LT. 121 + 82
NO CULV. INPL.

NO CULV. REQ'D

℄ CULV. STA. 121 +63
INPL. 72"x 35' CMP
2 - 72" APRONS
SALVAGE 35 LIN. FT. 72" C.M.P.
SALVAGE 2-72" APRONS

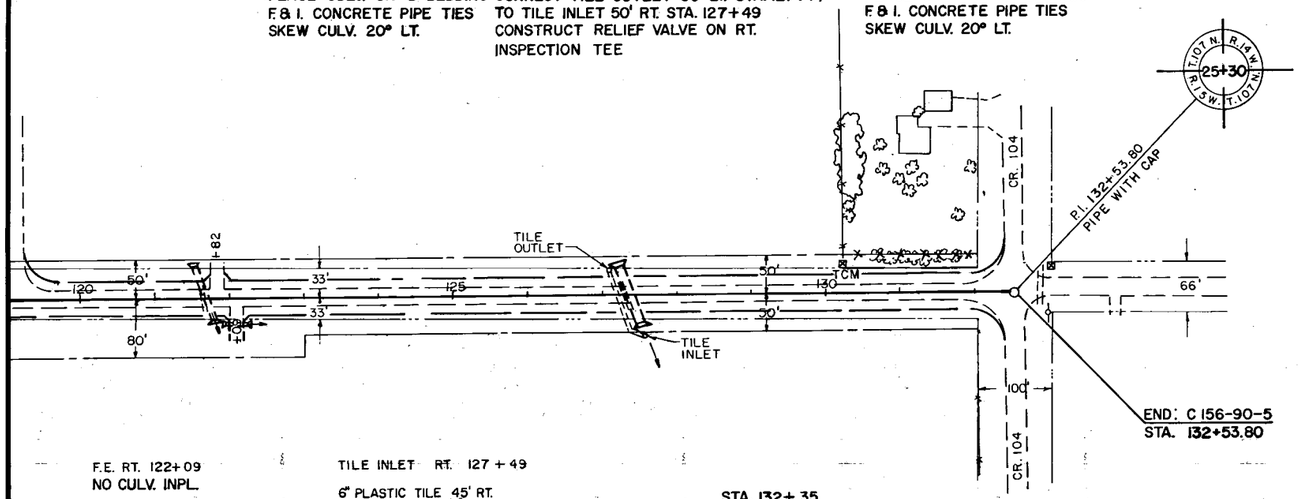
48"x64' R.C. PIPE CULV. CL. 2
2-48" R.C. PIPE APRONS
PLACE CULV. ON "B" BEDDING
F & I. CONCRETE PIPE TIES
SKEW CULV. 20° LT.

TILE OUTLET LT. 127 +14
12" CMP WITH GUARD

CONSTRUCT 12" TILE CROSSING STA. 127+ 20
12"x ~~130'~~ C.S. PIPE DRAIN *90'*
6 LIN. FT. C.S. INSPECTION TEE ~~49'~~ LT. *38'*
6 LIN. FT. C.S. INSPECTION TEE ~~49'~~ RT. *34'*
CONNECT TILE OUTLET 50' LT. STA. 127+14
TO TILE INLET 50' RT. STA. 127+49
CONSTRUCT RELIEF VALVE ON RT.
INSPECTION TEE

℄ CULV. STA. 127 +32
INPL. 84" SPAN x 37' CMP
2 - 84" APRONS
SALVAGE 37 LIN. FT. 84" SPAN C.M.P.
SALVAGE ~~2~~ 84" SPAN APRONS

88" SPAN x 62' R.C. PIPE-ARCH CULV.
2-88" SPAN R.C. PIPE-ARCH APRONS
PLACE CULV. ON "B" BEDDING
F & I. CONCRETE PIPE TIES
SKEW CULV. 20° LT.



F.E. RT. 122+09
NO CULV. INPL.

~~18"x 28' C.S. PIPE CULV.~~
~~2-18" C.S. PIPE APRONS~~

NO CULV. REQ'D

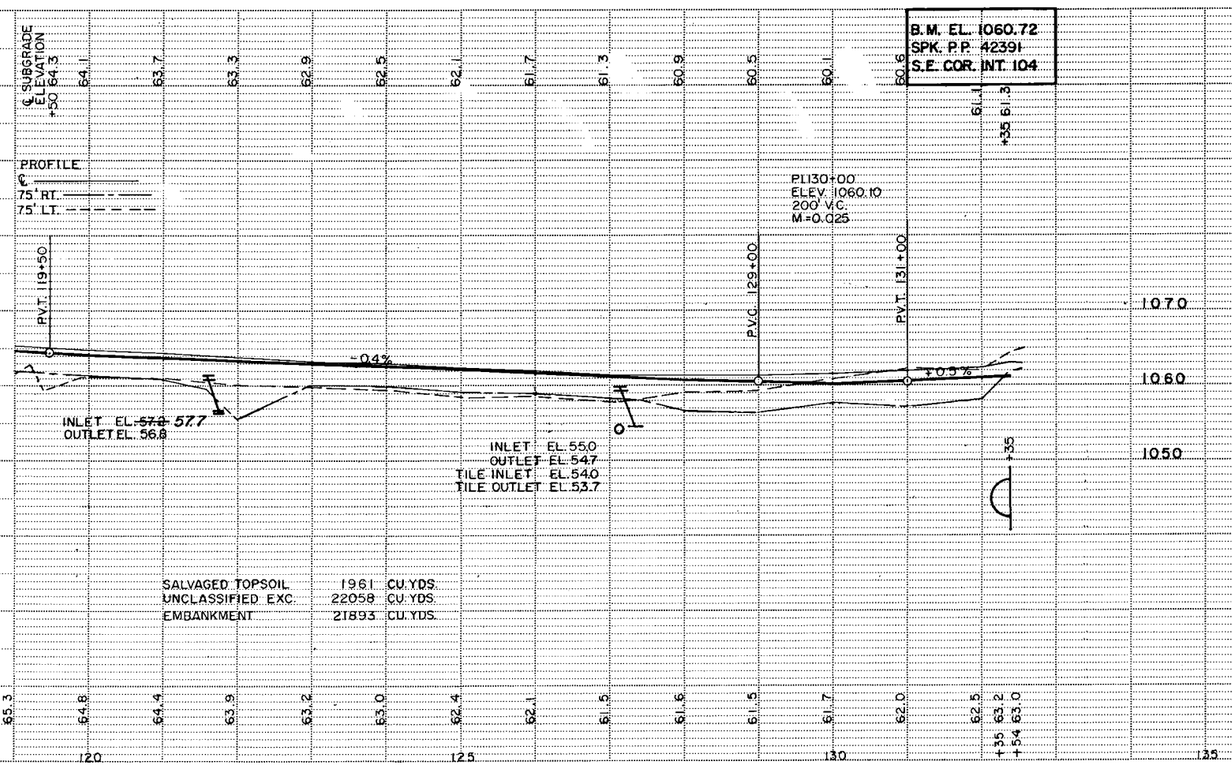
TILE INLET RT. 127 + 49

6" PLASTIC TILE 45' RT.

NO CHANGE

STA. 132+ 35
SAW ~~100~~ LIN. FT. *92'*
BITUMINOUS PAVEMENT

B.M. EL. 1060.72
SPK. P.P. 42391
S.E. COR. INT. 104



SALVAGED TOPSOIL	1961	CU. YDS.
UNCLASSIFIED EXC.	22058	CU. YDS.
EMBANKMENT	21893	CU. YDS.

AS BUILT PLANS