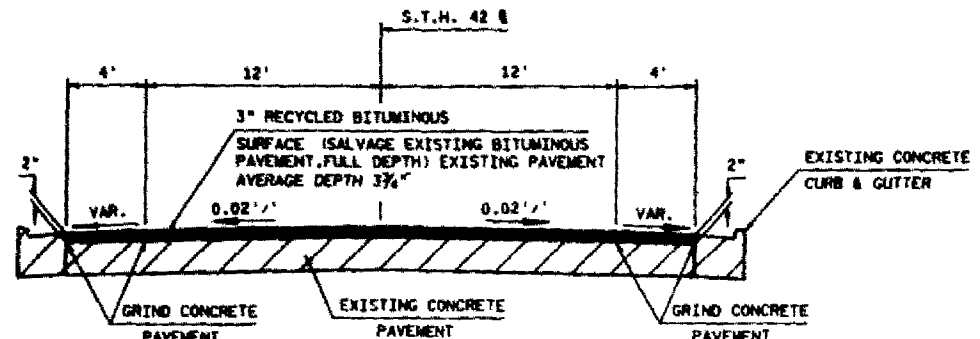


GENERAL NOTES

STATE PROJECT NUMBER
4141-1-72 & 4140-2-71
SHEET NO. 210
TYPICAL CROSS SECTIONS
FOR
S.T.H.42
DOOR CO.



TYPICAL FINISHED CROSS SECTION FOR S.T.H.

STA. 647+00 TO 655+41.99 (PROJECT 4141-1-72)
STA. 655+41.99 TO 666+50 (PROJECT 4140-2-71)

2A
BUILT

ALL DISTURBED AREAS WITHIN THE RIGHT OF WAY, EXCEPT THE AREAS BETWEEN THE SUBGRADE SHOULDER POINTS, SHALL BE FERTILIZED, SEEDED AND MULCHED.

DISTURBED AREAS THAT WERE PREVIOUSLY LAWNS SHALL BE SEEDED WITH SPECIAL SEED MIX NO. 1.

THE EXACT LOCATIONS AND LIMITS OF PRIVATE ENTRANCES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

ALL COORDINATES SHOWN ON THIS PLAN ARE GRID COORDINATES REFERENCED TO THE WISCONSIN COORDINATE SYSTEM, CENTRAL ZONE.

ALL DISTANCES AND STATIONING SHOWN ON THIS PLAN ARE GROUND VALUES. GRID VALUES ARE OBTAINED BY MULTIPLYING GROUND VALUES BY 0.999913.

THE CONTROL SURVEY FOR THIS PROJECT WAS CONDUCTED UNDER AND MET SPECIFICATIONS FOR THE THIRD ORDER CONTROL SURVEYS.

WHEN THE QUANTITY OF CRUSHED AGGREGATE BASE COURSE IS MEASURED FOR PAYMENT BY THE TON, THE THICKNESS AS SHOWN ON THE PLAN IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND UPON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER IN THE FIELD.

FILL AS SHOWN ON THE PLAN PERTAINS TO EMBANKMENT CONSTRUCTED FROM BORROW EXCAVATION, COMMON EXCAVATION AND ROCK EXCAVATION.

THE ALLOWANCE USED FOR EXPANDING THE FILLS TO COMPUTE THE VOLUME OF MATERIAL REQUIRED IS 25% FOR BORROW EXCAVATION, 35% FOR COMMON EXCAVATION AND 0% FOR ROCK EXCAVATION.

EARTHWORK BALANCES AND HAULS AS SHOWN ON THE PLAN AND PROFILE SHEETS MAY BE REVISED WITH THE APPROVAL OF THE ENGINEER IF SUCH REVISIONS WILL FACILITATE THE CONTRACTOR'S PLAN OF OPERATION AND SATISFY THE REQUIREMENTS OF THE CONTRACT PLANS, SPECIFICATIONS AND SPECIAL PROVISIONS.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER IN THE FIELD.

ALL ELEVATIONS ON THIS PROJECT ARE REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (N.G.V.D.).

BEARINGS ON THIS PLAN ARE GRID BEARINGS TO THE NEAREST SECOND.

CURVE DATA SHOWN ON THE PLAN IS "ARC DEFINITION".

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY FACILITIES AS SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER UTILITIES FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

INLET AND DISCHARGE ELEVATIONS FOR DRAINAGE STRUCTURES SHOWN ON THE PLAN ARE APPROXIMATE AND SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

CURB HEIGHTS AT THE END OF CURB AND GUTTER SHALL BE TAPERED FROM 0 TO 6 INCHES IN 10 FEET.

THE QUANTITY OF SALVAGED TOPSOIL WAS COMPUTED FROM MEASUREMENTS BETWEEN THE FINISHED SUBGRADE POINTS AND THE SLOPE INTERCEPTS AS SHOWN ON THE CROSS SECTIONS PLUS 5 FEET PER STATION FOR ROUNDING.

THE ELEVATIONS SHOWN ON THE ROADWAY CROSS SECTIONS IN RECONSTRUCTION AREAS ARE EARTH GRADE ELEVATIONS AT THE CENTERLINE OF THE ROADWAY.

GRADE ELEVATIONS SHOWN IN RESURFACING AREAS ON S.T.H.42 ARE FOR REFERENCE ONLY. THE ACTUAL ELEVATIONS SHALL BE ESTABLISHED BY THE ENGINEER DURING CONSTRUCTION.

RIGHTS OF ENTRY FOR P.E. CONSTRUCTION & QUARRY STONEWALL CONSTRUCTION HAVE BEEN OBTAINED AND THESE RIGHTS HAVE BEEN EXTENDED TO THE CONTRACTOR.

THE 4-INCH RECYCLED BITUMINOUS SURFACE SHALL BE CONSTRUCTED WITH A 2 1/2 INCH LOWER LAYER AND A 1 1/2 INCH UPPER LAYER. THE 3-INCH RECYCLED BITUMINOUS SURFACE SHALL BE CONSTRUCTED WITH A 1 1/2 INCH LOWER LAYER AND A 1 1/2 INCH UPPER LAYER.

THE ACTUAL DEPTH OF SALVAGED BITUMINOUS PAVEMENT, BASE COURSE MAY VARY DEPENDING UPON THE AMOUNT OF MATERIAL AVAILABLE.

SHOULDERS SHALL BE PAVED FULL WIDTH AT LOCATIONS WHICH REQUIRE STEEL PLATE BEAM GUARD.

ROCK ELEVATIONS AS SHOWN ON THE CROSS SECTIONS HAVE BEEN DETERMINED BY ROCK SOUNDINGS AND INTERPOLATION.

COMPUTED DEPTH OF ADJUSTMENT FOR ALL INLETS AND MANHOLES IS 6-INCHES.

RIGHTS OF ENTRY FOR TREE PLANTING, SLOPING AND DRAINAGE CONSTRUCTION HAVE BEEN OBTAINED AND THESE RIGHTS HAVE BEEN EXTENDED TO THE CONTRACTOR.

ALL STONE WALLS LOCATED WITHIN THE RIGHT OF WAY LIMITS SHALL BE REMOVED UNLESS OTHERWISE INDICATED ON THE PLAN SHEETS. ALL STONE WALLS LOCATED WITHIN THE CONSTRUCTION PERMIT LIMITS SHALL REMAIN UNLESS OTHERWISE INDICATED ON THE PLAN SHEETS.

ALL STONE OR ROCK WALLS AND MORTAR RUBBLE ENDWALLS TO BE REMOVED SHALL BE CONSIDERED INCIDENTAL TO THE ITEM COMMON EXCAVATION.

ALL SIGNS LOCATED WITHIN THE RIGHT OF WAY LIMITS WILL BE REMOVED BY OTHERS UNLESS OTHERWISE INDICATED ON THE PLAN SHEETS. ALL SIGNS LOCATED WITHIN THE CONSTRUCTION PERMIT LIMITS SHALL REMAIN UNLESS OTHERWISE INDICATED ON THE PLAN SHEETS.

UTILITIES

DIGGER'S HOTLINE 1-800-242-8511 (TOLL FREE)

GTE NORTH INCORPORATED
RICHARD DUCKETT 414-793-4549
3203 LINCOLN AVENUE
TWO RIVERS, WISCONSIN 54241

WISCONSIN PUBLIC SERVICE CORPORATION
R.C. BUTTKE 414-433-1388
P.O. BOX 19002
GREEN BAY, WISCONSIN 54307-9002

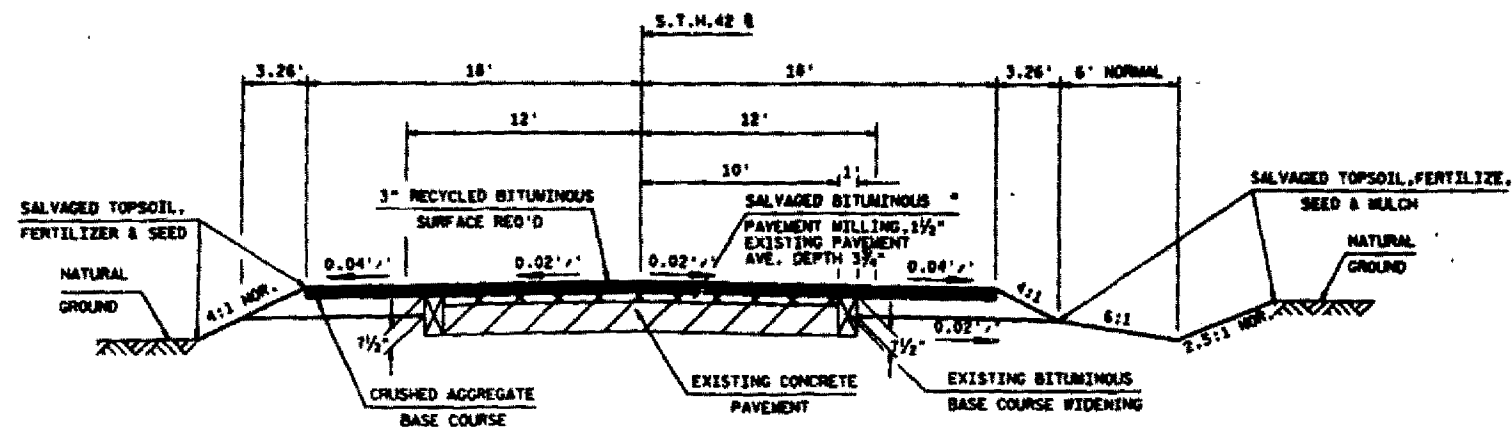
VILLAGE OF EGG HARBOR
ROBERT D. HASTINGS 414-868-3913
7965 EGG HARBOR ROAD
EGG HARBOR, WISCONSIN 54209

STANDARD DETAIL DRAWINGS

INLET AND MANHOLE COVERS	8A5-Sd, b & c
MANHOLES, TYPE 1	8B6-3
MANHOLES, TYPES 2 AND 3	8B7-3
INLETS, TYPES 1, 2 AND 3	8C1-4
INLETS, TYPES 8, 9, 10 AND 11	8C5-1
CONCRETE CURB, CONCRETE CURB AND GUTTER	
AND PAVEMENT TIES	8D1-11
CONCRETE SURFACE DRAIN	8D4-1
CURB RAMPS	8D5-8
EROSION MAT	8E7-1
SILT FENCE	8E9-2
APRON ENDWALLS FOR CULVERT PIPE	8F1-10a
APRON ENDWALLS FOR PIPE ARCH AND ELLIPTICAL PIPE	8F1-10b
JOINT TIES FOR CONCRETE PIPE	8F4-3
AT-GRADE SIDE ROAD INTERSECTIONS, TYPES "B" AND "C"	9A1-6a
NAME PLATE STRUCTURES	12A3-4
TREE PRESERVATION DETAILS	14A1-3
CLASS "A" STEEL PLATE BEAM GUARD (two sheets)	14B2-8a & b
CLASS "A" STEEL PLATE BEAM GUARD, SPECIAL ANCHORAGES	14B2-8c
CONSTRUCTION BARRICADES AND STANDARD SIGNS	15C1-7
TRAFFIC CONTROL TO CLOSE HIGHWAY UNDER CONSTRUCTION	15C2-1
TRAFFIC CONTROL FOR TEMPORARY ROAD CLOSURES IN RURAL AREAS	
(HIGHWAY UNDER CONSTRUCTION CLOSED TO TRAFFIC)	15C3-1
PAVEMENT MARKING SYMBOLS	15C7-1
PAVEMENT MARKING	15C8-1
LANDMARK REFERENCE MONUMENTS AND COVERS	16A1-4

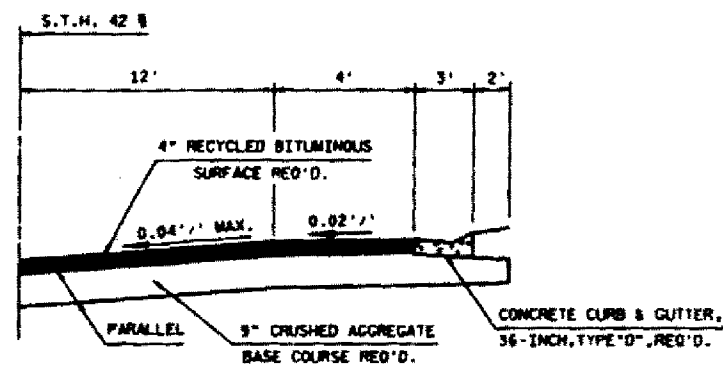
COUNTY SURVEYOR OR SURVEYS CONTACT PERSON

BILL BAUGHJIN - DOOR COUNTY
532 PENNSYLVANIA AVENUE
STURGEON BAY, WISCONSIN 54235
PHONE 414-743-8211



NOTE : * SALVAGED BITUMINOUS PAVEMENT.
FULL DEPTH, STA. 666+50 TO 669+50

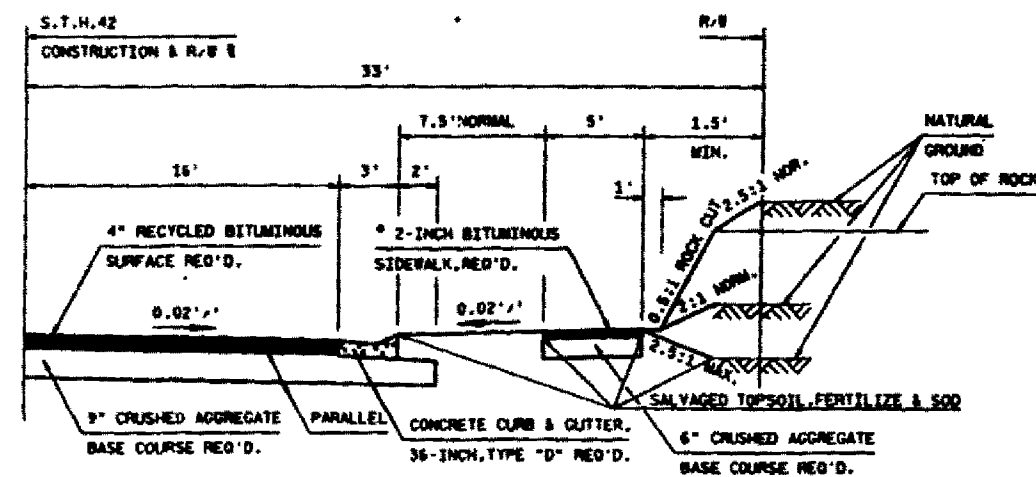
TYPICAL FINISHED CROSS SECTION FOR S.T.H. 42
STA. 666+50 TO 677+10 (PROJECT 4140-2-71)



NOTE : MAXIMUM ROLLOVER 0.02'/'

1/2 TYPICAL FINISHED CROSS SECTION FOR S.T.H. 42 IN SUPER ELEVATION

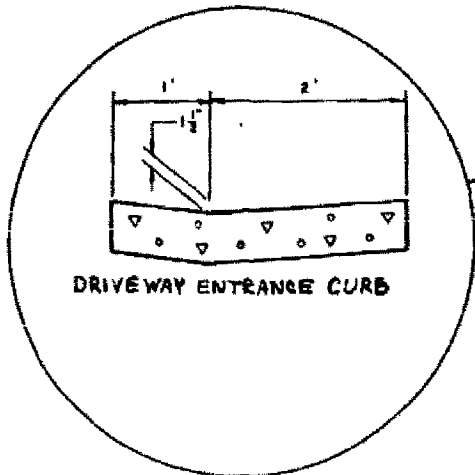
PROJECT 4140-2-71
STA. 677+10 TO 680+30 RT.
TYPICAL FOR ROADWAY ONLY



1/2 TYPICAL FINISHED CROSS SECTION FOR S.T.H. 42

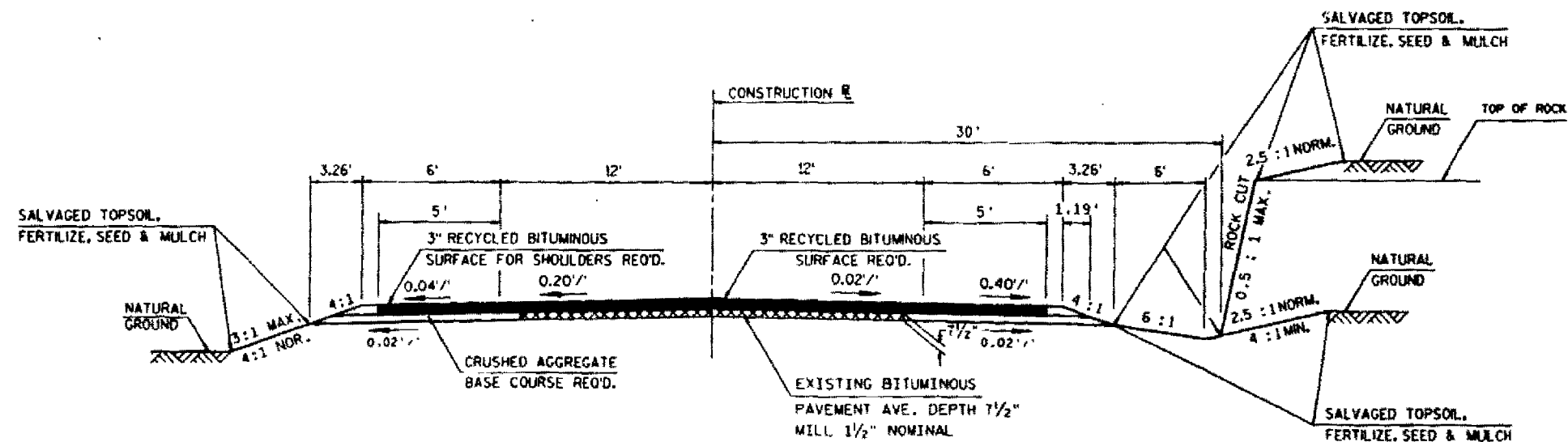
PROJECT 4140-2-71

STA. 677+10 TO STA 712+97.89 LT. & RT.
STA. 63+31.17 TO STA 66+00 LT.
STA. 63+31.17 TO STA 69+30 RT.
* SEE PLAN & PROFILE SHEETS FOR ACTUAL LOCATIONS



PROJECT 4140-2-71

* SEE PLAN & PROFILE SHEETS FOR ACTUAL LOCATIONS



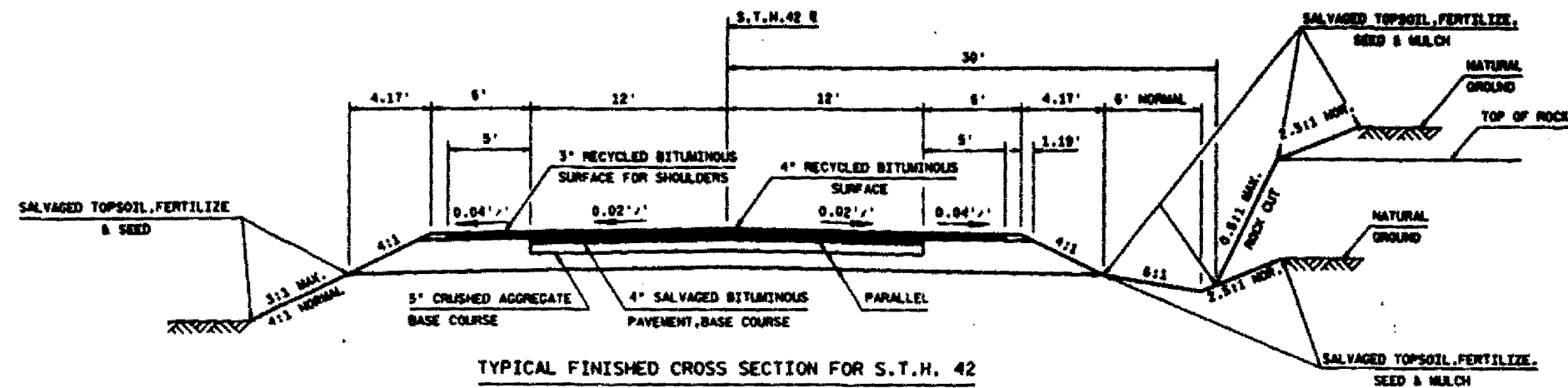
TYPICAL FINISHED CROSS SECTION FOR S.T.H. 42

PROJECT 4141-1-72

STA. 70+00 TO 76+00 (PAVE SHOULDERS FULL WIDTH)
STA. 143+00 TO 149+00
STA. 183+00 TO 198+00
STA. 198+00 TO 202+00 (MILL 3" DEPTH)
STA. 218+00 TO 265+00
STA. 289+00 TO 319+00

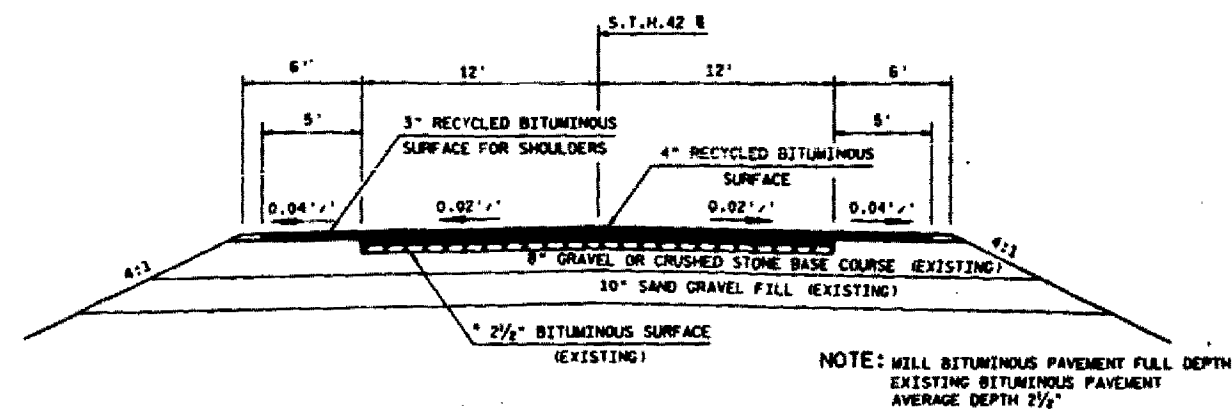
PROJECT 4140-2-71

STA. 66+00 TO 70+00 LT.
STA. 69+30 TO 70+00 RT.



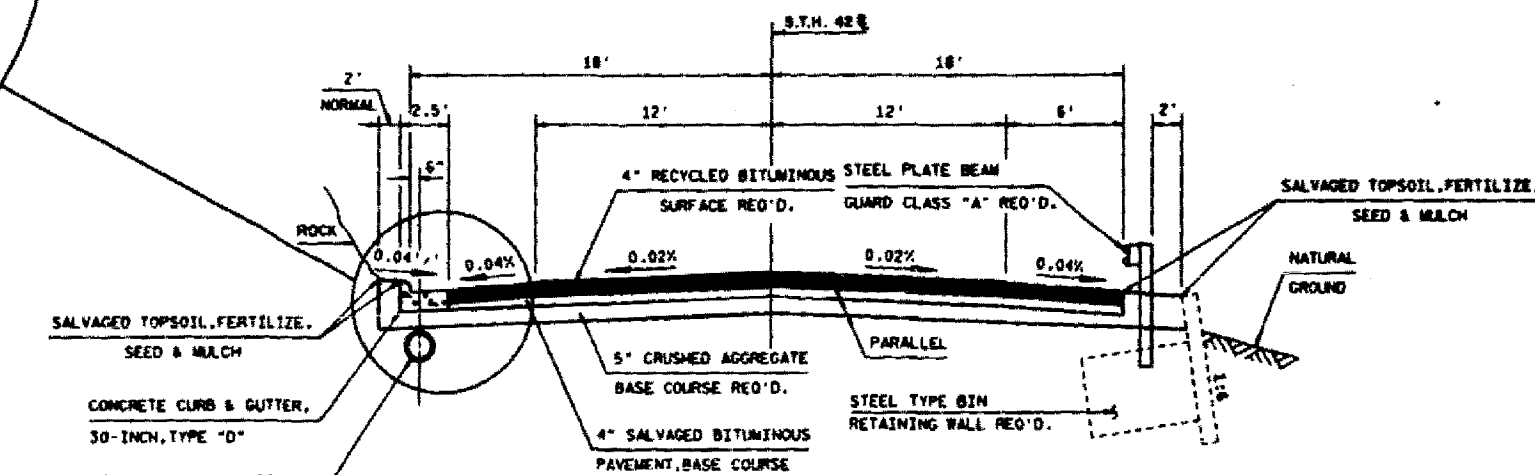
TYPICAL FINISHED CROSS SECTION FOR S.T.H. 42

PROJECT 4141-1-72
 STA. 76+00 TO 88+00 (PAVE SHOULDERS FULL WIDTH)
 STA. 88+00 TO 143+00
 STA. 202+00 TO 218+00
 STA. 255+00 TO 289+00
 STA. 319+00 TO 353+00 RT.
 STA. 319+00 TO 351+00 LT.



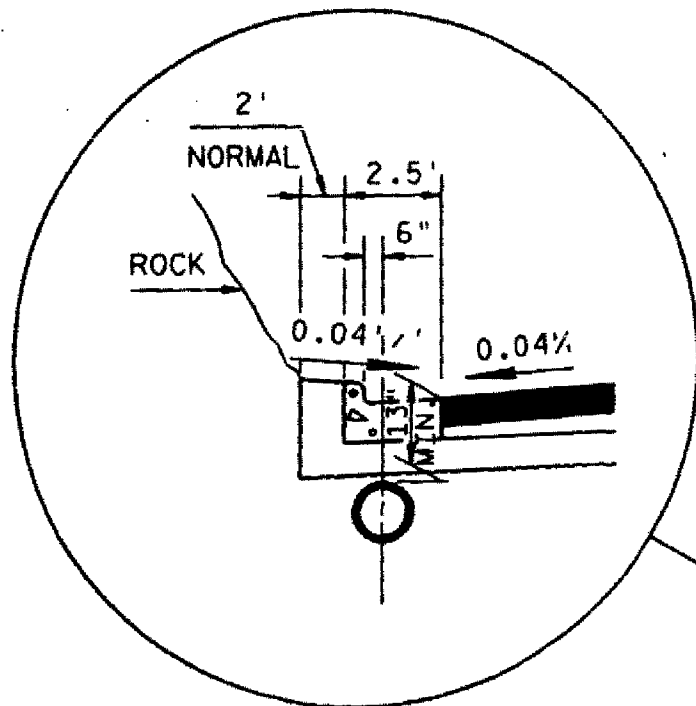
TYPICAL FINISHED CROSS SECTION FOR S.T.H. 42

PROJECT 4141-1-72
 STA. 149+00 TO STA. 183+00

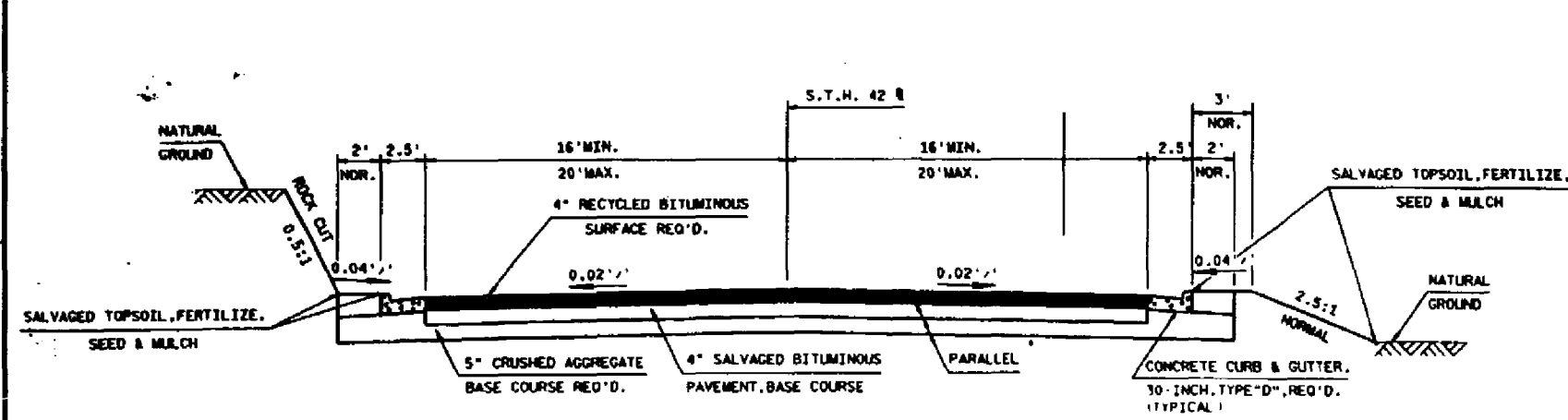


TYPICAL FINISHED CROSS SECTION FOR S.T.H. 42

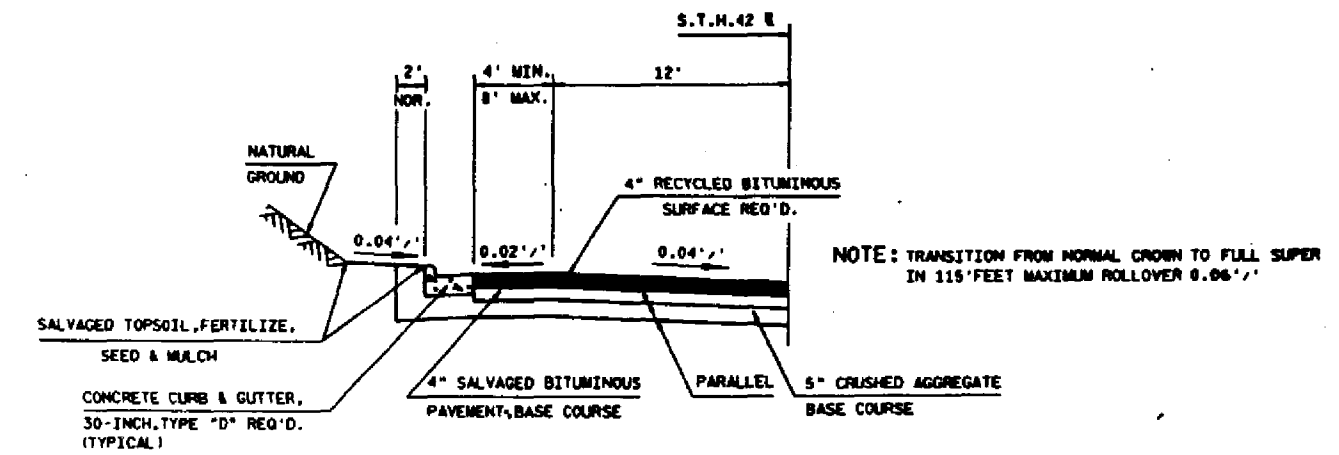
PROJECT 4141-1-72
 STA. 351+00 TO STA. 361+50 LT.
 STA. 353+00 TO STA. 361+50 RT.



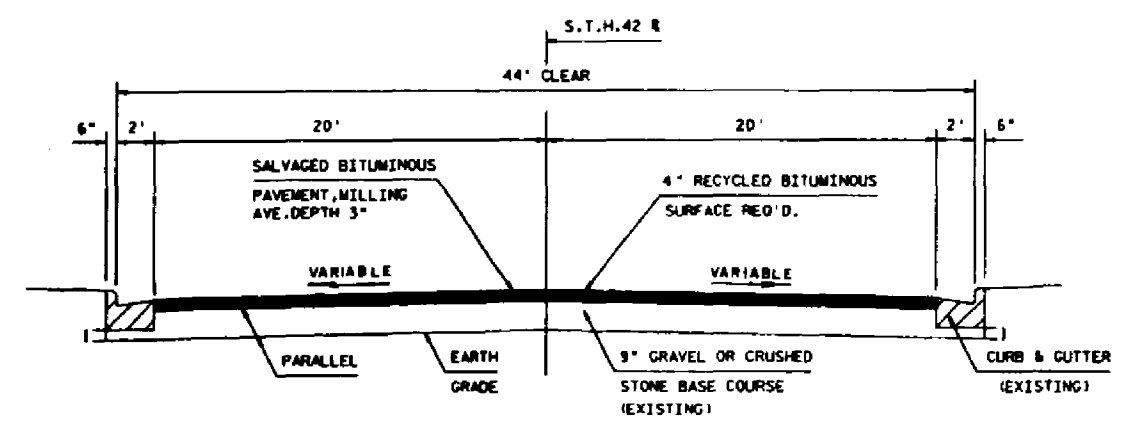
LEVELS ON -
 2+29.00
 4+15.00
 4+19.00
 4+21.00
 4+28.00
 4+12.14, 15.16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63



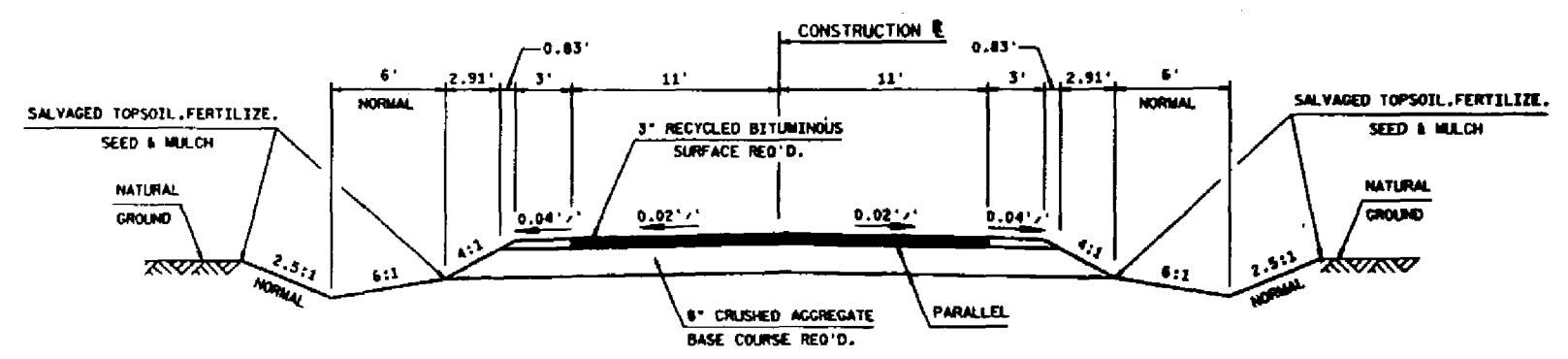
TYPICAL FINISHED CROSS SECTION FOR S.T.H. 42
 PROJECT 4141-1-72
 STA. 361+50 TO 362+55, LT. & RT.
 STA. 365+50 TO 367+50, RT. +80
 STA. 362+55 TO 367+50, LT. +80



1/2 TYPICAL FINISHED SECTION FOR S.T.H. 42
 PROJECT 4141-1-72
 (FULL SUPER ELEVATED SECTION)
 STA. 362+55 TO STA. 369+75 LT.

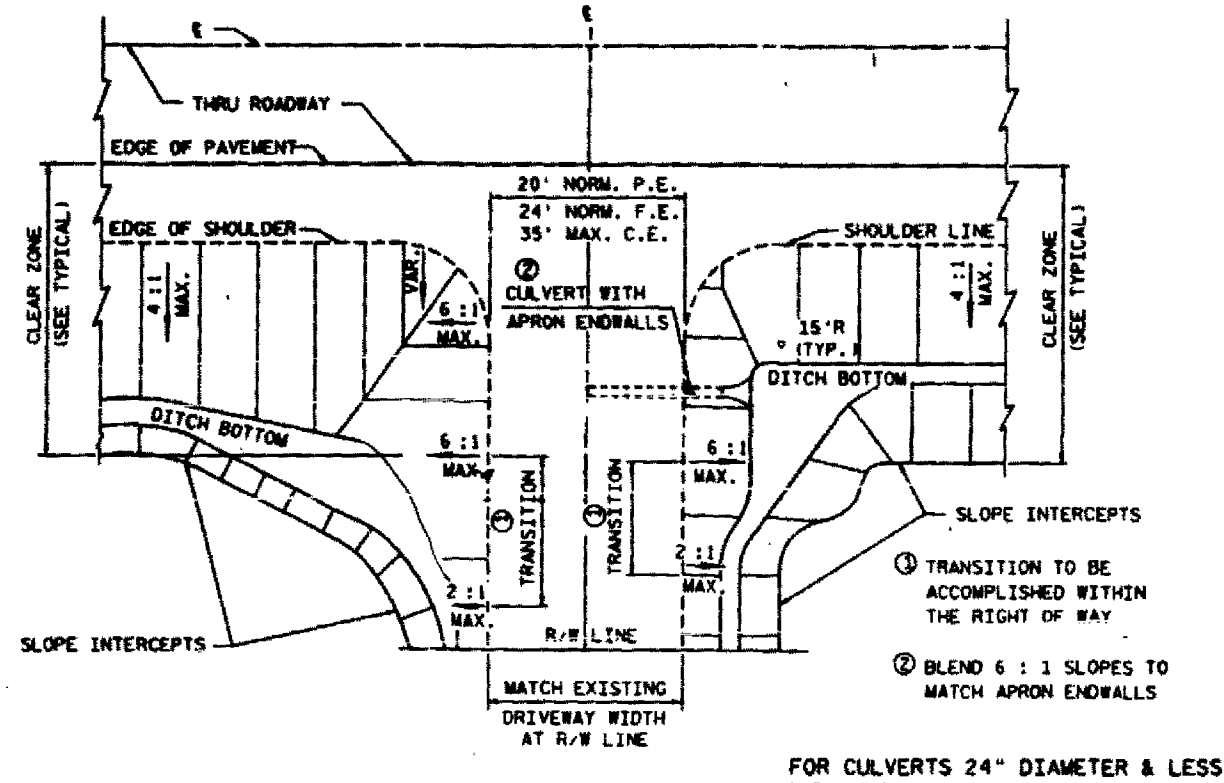


TYPICAL FINISHED CROSS SECTION FOR S.T.H. 42
 STA. 367+50 TO STA. 369+75

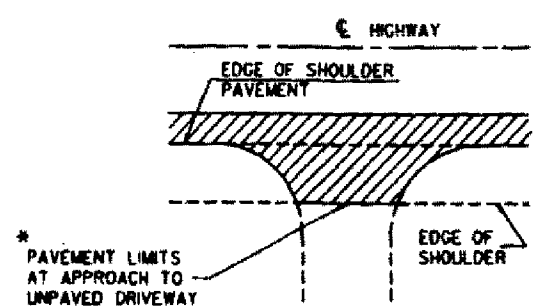


TYPICAL FINISHED CROSS SECTION FOR SIDE ROADS
 PROJECT 4140-2-71
 PROJECT 4141-1-72

11.12.13.14.15.16.17.18.19.20.21.22.23.24.25.26.27.28.29.30.31.32.33.34.35.36.37.38.39.40.41.42.43.44.45.46.47.48.49.50.51.52.53.54.55.56.57.58.59.60.61.62.63



PLAN VIEW

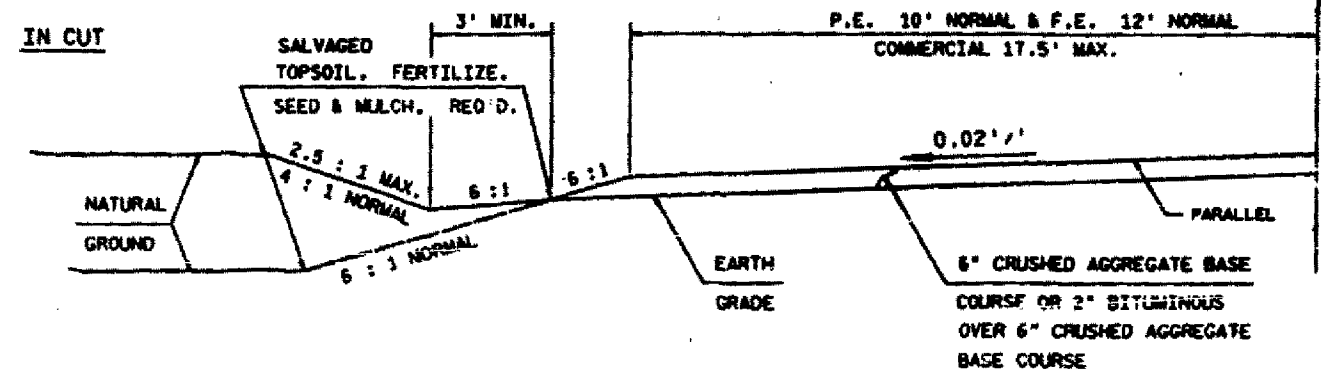


* WHERE DRIVEWAY IS PAVED, APPROACH PAVEMENT SHOULD BE EXTENDED TO MATCH DRIVEWAY PAVEMENT.

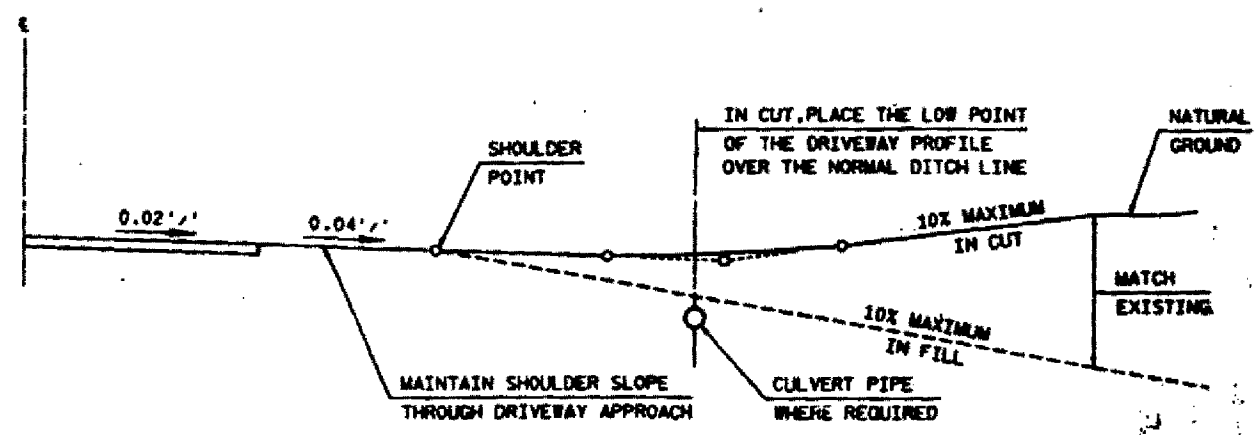
PLAN VIEW

PLAN VIEW
(PAVED SHOULDER ON HIGHWAY)

RURAL DRIVEWAY INTERSECTION DETAIL



1 / 2 TYPICAL CROSS SECTION



TYPICAL PROFILE

SURFACE BORING LOG

(PROJECT 4141-1-72)

CORE NO.	STATION	OFFSET	THICKNESS
1	70+00	LT.8'	7"
2	75+00	RT.6'	7 3/4"
3	80+00	LT.5'	9"
4	85+00	RT.10'	8"
5	90+00	LT.4'	7 1/2"
6	95+00	RT.5'	7 1/2"
7	100+00	LT.9'	7 3/4"
8	105+00	RT.10'	6"
9	110+00	LT.6'	7 1/2"
10	115+00	RT.4'	7 1/2"
11	120+00	LT.7'	9 3/4"
12	125+00	RT.10'	8 1/2"
13	130+00	LT.8'	7"
14	135+00	RT.6'	9"
15	140+00	LT.5'	9 1/2"
16	145+00	RT.10'	6 1/4"
17	150+00	LT.8'	2 1/4"
18	155+00	RT.5'	2 1/4"
19	160+00	LT.6'	2 1/2"
20	165+00	RT.6'	2 1/8"
21	170+00	LT.7'	2"
22	175+00	RT.9'	2 3/8"
23	180+00	LT.8'	2"
24	185+00	RT.6'	7 1/2"
25	190+00	LT.5'	7"
26	195+00	RT.10'	7 1/2"
27	200+00	LT.4'	7 1/4"
28	205+00	RT.5'	6"
29	210+00	LT.9'	8"
30	215+00	RT.10'	7 1/2"
31	220+00	LT.6'	8 1/2"
32	225+00	RT.4'	7"
33	230+00	LT.7'	8"
34	235+00	RT.10'	6 1 1/2"
35	240+00	LT.6'	7 1/2"
36	245+00	RT.5'	6 1/2"
37	250+00	LT.4'	8 1/2"
38	255+00	RT.7'	6 1/8"
39	260+00	LT.8'	7 1/2"
40	265+00	RT.9'	8 1/2"
41	270+00	LT.7'	9 1/2"
42	275+00	RT.4'	8 1/4"
43	280+00	LT.5'	9"
44	285+00	RT.6'	8 3/4"
45	290+00	LT.7'	8"
46	295+00	RT.4'	9 1/4"
47	300+00	LT.8'	9"
48	305+00	RT.10'	7 1/2"
49	310+00	LT.6'	9"
50	315+00	RT.5'	9"
51	320+00	LT.4'	9 1/2"
52	325+00	RT.7'	6 3/4"
53	330+00	LT.10'	7 1/2"
54	335+00	RT.9'	6 3/4"
55	340+00	LT.7'	7 1/2"
56	345+00	RT.4'	5"
57	350+00	LT.5'	6 1/2"
58	355+00	RT.6'	6"
59	360+00	LT.4'	5 1/2"
60	365+00	RT.8'	7 1/2"

SURFACE BORING LOG

(PROJECT 4140-2-71)

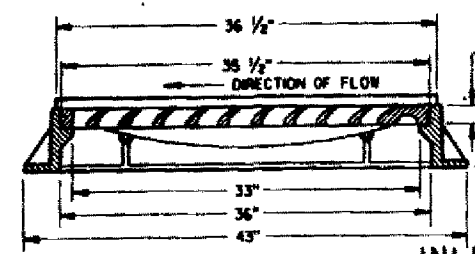
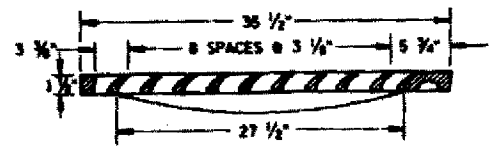
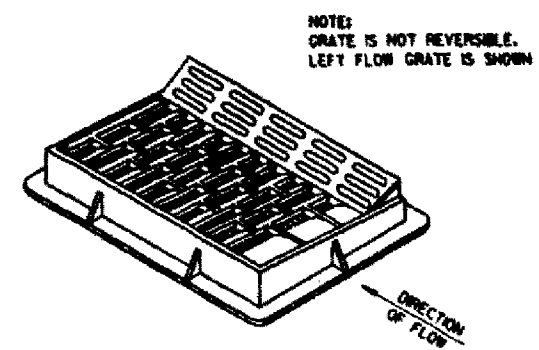
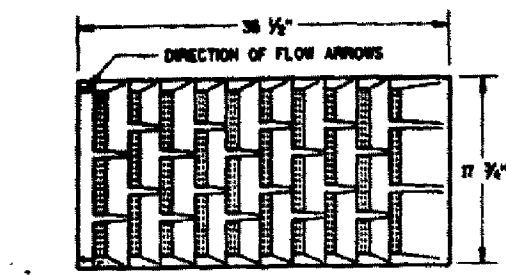
CORE NO.	STATION	OFFSET	THICKNESS
1	670+00	LT.6'	3 3/4"
2	674+75	RT.7'	4"
3	679+50	LT.4'	4 1/2"
4	684+50	RT.8'	3"
5	690+00	LT.6'	4"
6	695+00	RT.7'	3 1/2"
7	699+75	LT.9'	3 3/4"
8	705+00	RT.9'	4 1/4"
9	710+00	LT.4'	3 3/4"

REPORT OF TESTS ON BITUMINOUS PAVEMENT

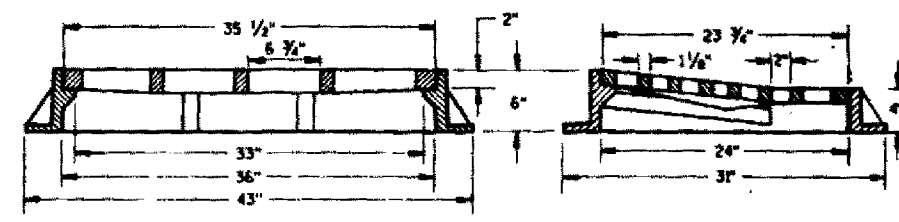
PRELIMINARY RECYCLE INVESTIGATION

PERCENTAGE BY WEIGHT PASSING																	
SIEVE SIZES	LOCATION (STATIONING)																
	70+00 TO 90+00	100+00 TO 120+00	130+00 TO 150+00	200+00 TO 220+00	230+00 TO 250+00	330+00 TO 350+00	350+00 TO 360+00	360+00 TO 380+00	380+00 TO 400+00	400+00 TO 420+00	420+00 TO 440+00	440+00 TO 460+00	460+00 TO 480+00	480+00 TO 500+00	500+00 TO 520+00	520+00 TO 540+00	
	CORE NUMBERS																
	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	
	PROJECT 4141-1-72										PROJECT 4140-2-71						
	TOP 3"					FULL ± 2"					TOP 1½"		BOTTOMS			TOPS ± 1"-2"	
	BITUMINOUS CONCRETE PAVEMENT																
	1"																
	¾"	100	100	100	100	100	100	100	100	100	100	99	99	100	100	100	100
	1/2"	91	93	92	90	91	87	86	86	98	97	84	87	89	89	87	91
3/8"	79	79	82	79	77	74	76	76	89	91	76	76	78	74	71	75	
4	55	56	58	57	53	51	59	55	72	74	60	60	63	49	48	51	
8	42	42	44	44	40	38	47	42	57	59	50	51	53	36	39	38	
50	22	21	24	21	20	18	19	18	21	21	20	20	21	17	16	19	
200	13.3	11	14.6	11.9	10.7	9.9	8.6	8.8	9.8	9.0	10.4	9.8	10.3	5.3	5.6	5.1	
ASPHALT %	6.2	5.9	5.9	6.6	5.6	5.9	5.5	6.3	4.5	4.8	5.5	5.3	5.6	6.3	6.1	5.9	
PEN AT 77°F	72	59	53	36	43	56	33	40	55	65	40	51	40	43	49	37	

LEVELS ON -
FILE NAME: HDOOR 43.534140022A
WISDOT/CADOT



INLET COVER, TYPE "H", MODIFIED
(APPROXIMATE WEIGHT 530 LBS.)

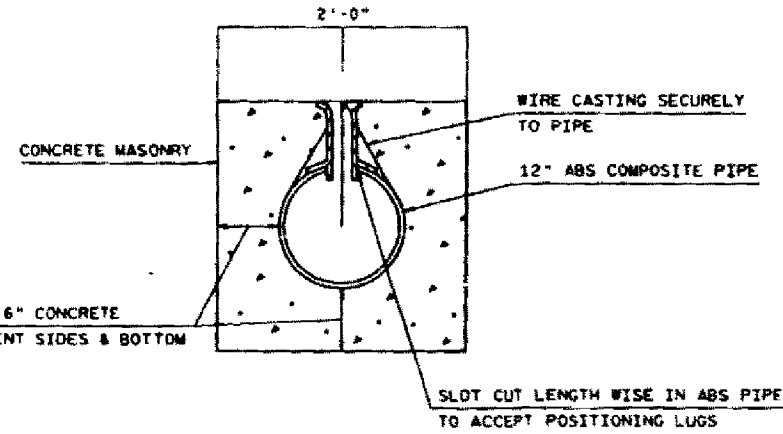


INLET COVER, SPECIAL, GUTTER TYPE
(APPROXIMATE WEIGHT 530 LBS.)

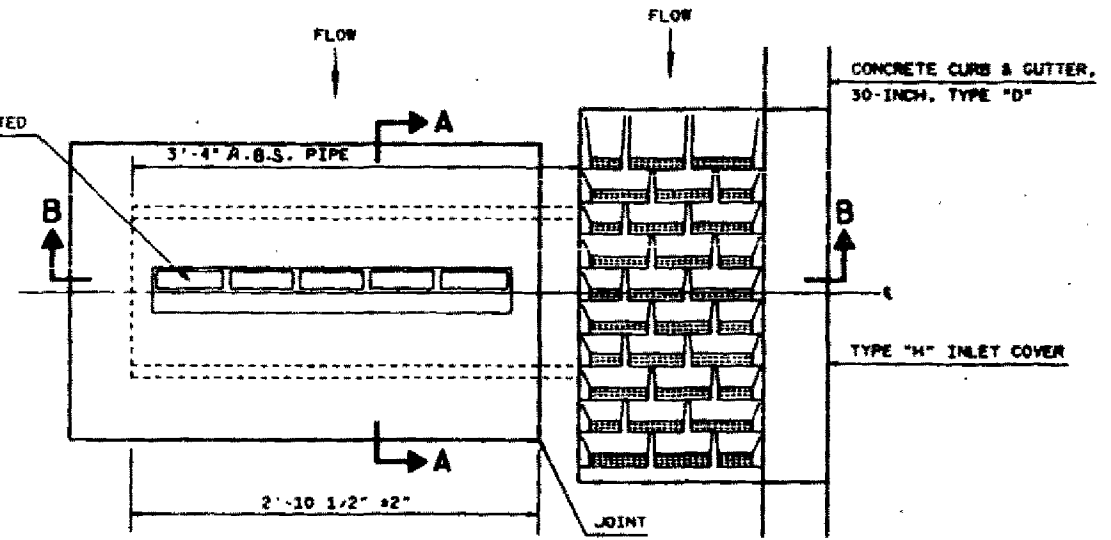
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

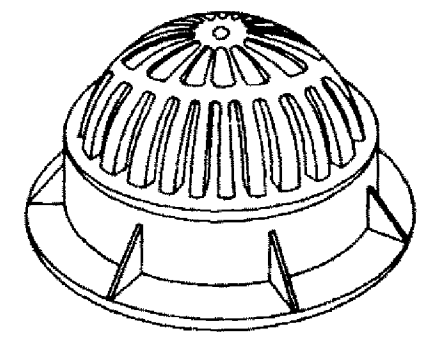
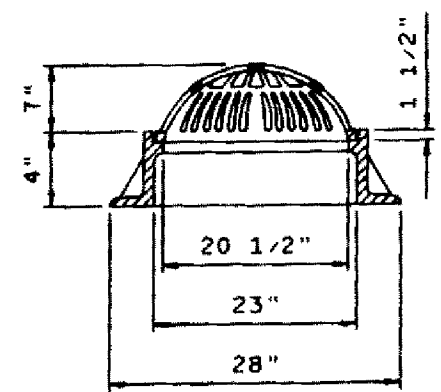
ALL INLET COVERS WHICH ARE PLACED IN VEHICULAR TRAFFIC AREAS SHALL BE "NON-ROCKING" TYPE. THE ACTUAL WEIGHT OF COVERS MAY VARY WITHIN 5 PERCENT, PLUS OR MINUS, OF THE APPROXIMATE WEIGHT.



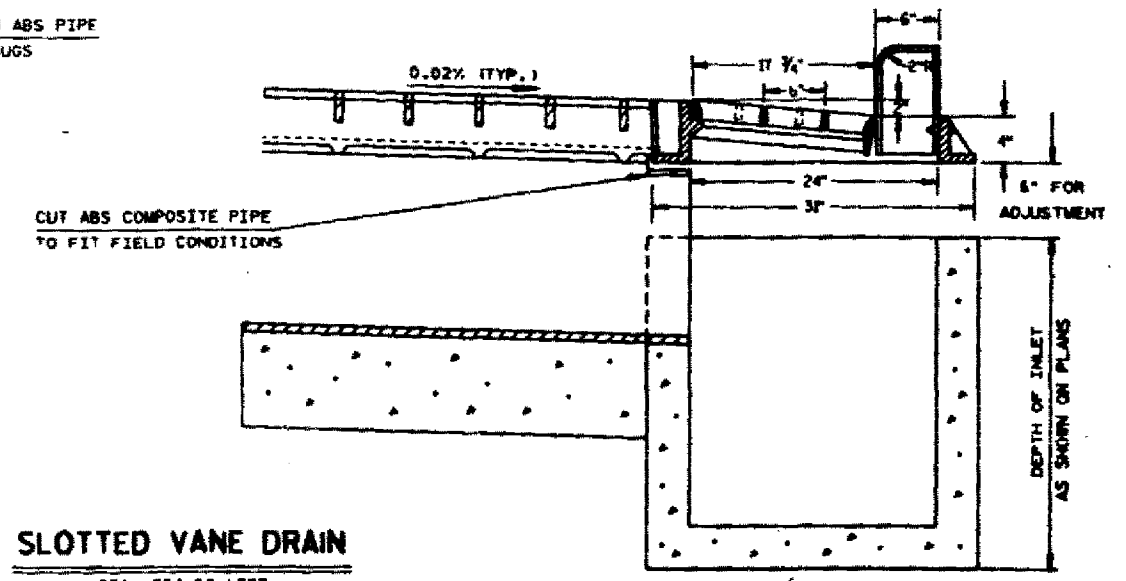
SECTION A-A



SECTION B-B

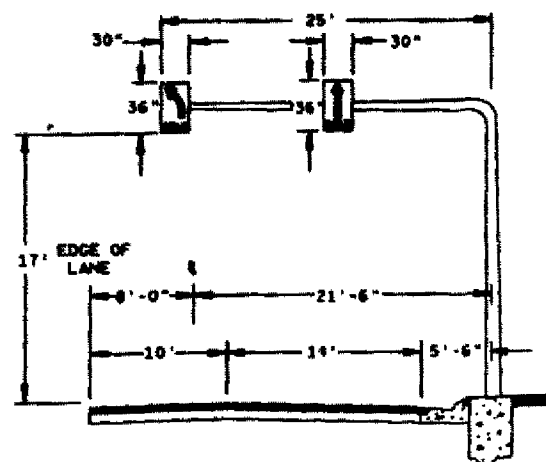


INLET COVER, SPECIAL, BEEHIVE
(APPROXIMATE WEIGHT 210 LBS.)
INLET NUMBER 54 & 55



SLOTTED VANE DRAIN
STA. 354+50 LEFT
STA. 358+00 LEFT
STA. 361+00 LEFT
STA. 361+70 LEFT

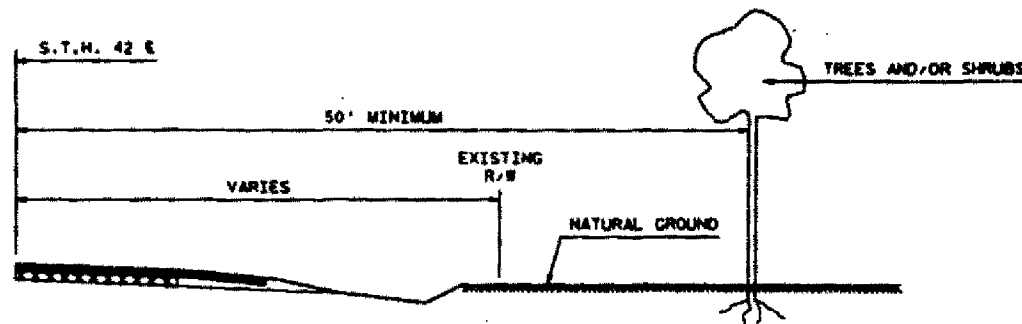
LEVELS ON - 11.02, 13.14, 15.46, 17.48, 19.08, 20.21, 22.23, 24.25, 26.27, 28.29, 30.31, 32.33, 34.35, 36.37, 38.39, 40.41, 42.43, 44.45, 46.47, 48.49, 50.51, 52.53, 54.55, 56.57, 58.59, 60.61, 62.63



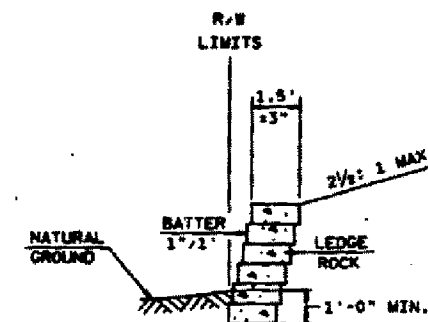
OVERHEAD SIGN SUPPORT STRUCTURE (25'-0" SPAN)

SIGNS WILL BE SUPPLIED TO CONTRACTOR BY
WISCONSIN D.O.T. FOR ERECTING
STA. 693+40

(SIGN SUPPORT NOT ERECTED)
NO SIGNS PUT UP

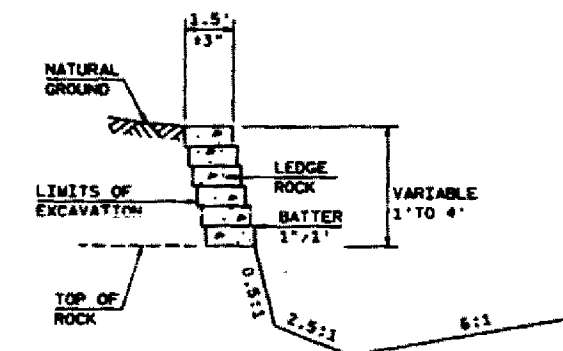


TREE AND/OR SHRUB PLANTINGS ON PRIVATE PROPERTY



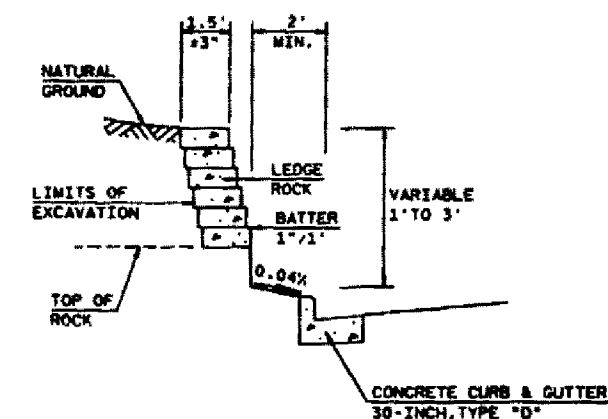
TYPICAL LEDGE ROCK WALL

STA. 712+60 TO STA. 64+70 LT.



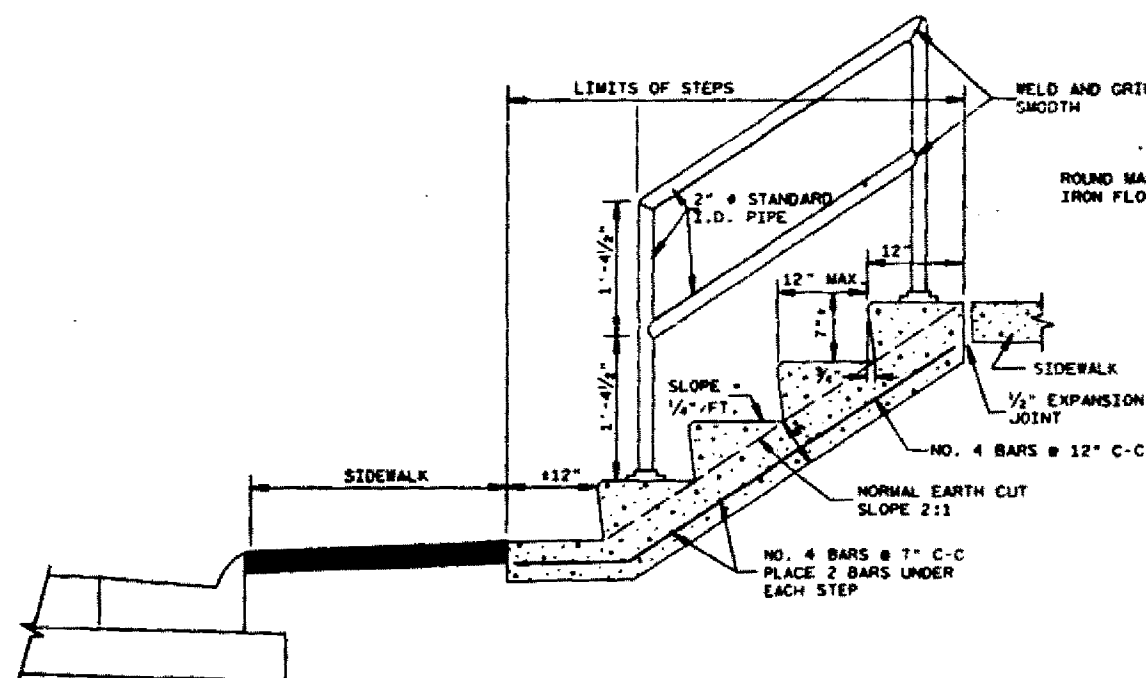
TYPICAL LEDGE ROCK WALL

STA. 137+00 RT.
STA. 268+00 TO STA. 271+00 LT.
(FOR TREE PRESERVATION)

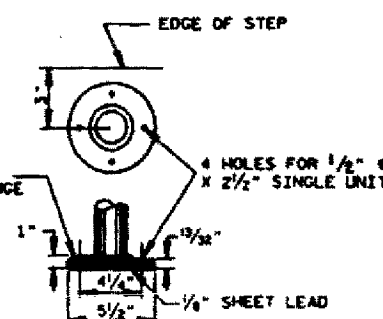


TYPICAL LEDGE ROCK WALL

STA. 362+20 TO STA. 363+50 LT.



CONCRETE STEPS DETAIL



FLANGE DETAIL

NOTE:

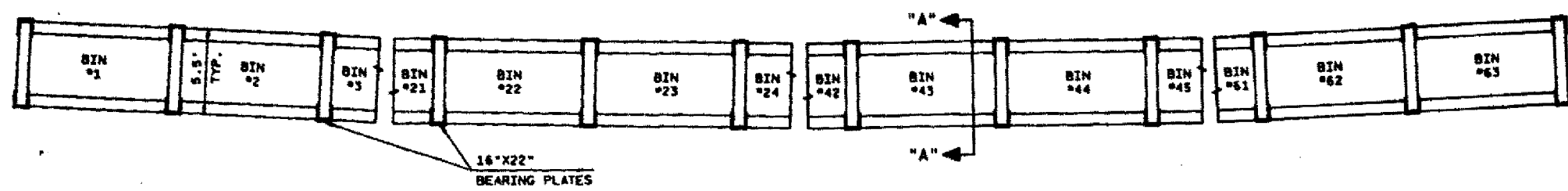
THE EXACT LOCATION, WIDTHS, & NUMBER
OF STEPS TO BE DETERMINED BY THE
ENGINEER IN THE FIELD.

STEEL REINFORCEMENT AND PIPE RAILING
NOT REQUIRED ON STEPS WITH 2 RISERS
OR LESS.

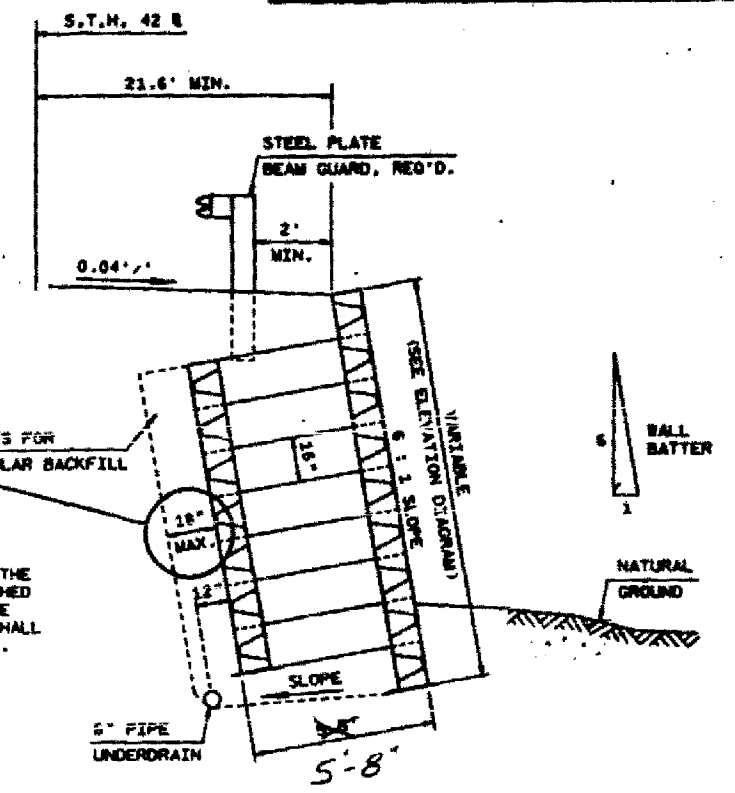
MINIMUM WIDTH OF STEP EQUALS 4 FEET.

RAILING TO BE PLACED ON LEFT ASCENDING
SIDE OF STEPS ONLY.

LEVELS ON - 11.12.13.14.15.16.17.18.19.20.21.22.23.24.25.26.27.28.29.30.31.32.33.34.35.36.37.38.39.40.41.42.43.44.45.46.47.48.49.50.51.52.53.54.55.56.57.58.59.60.61.62.63



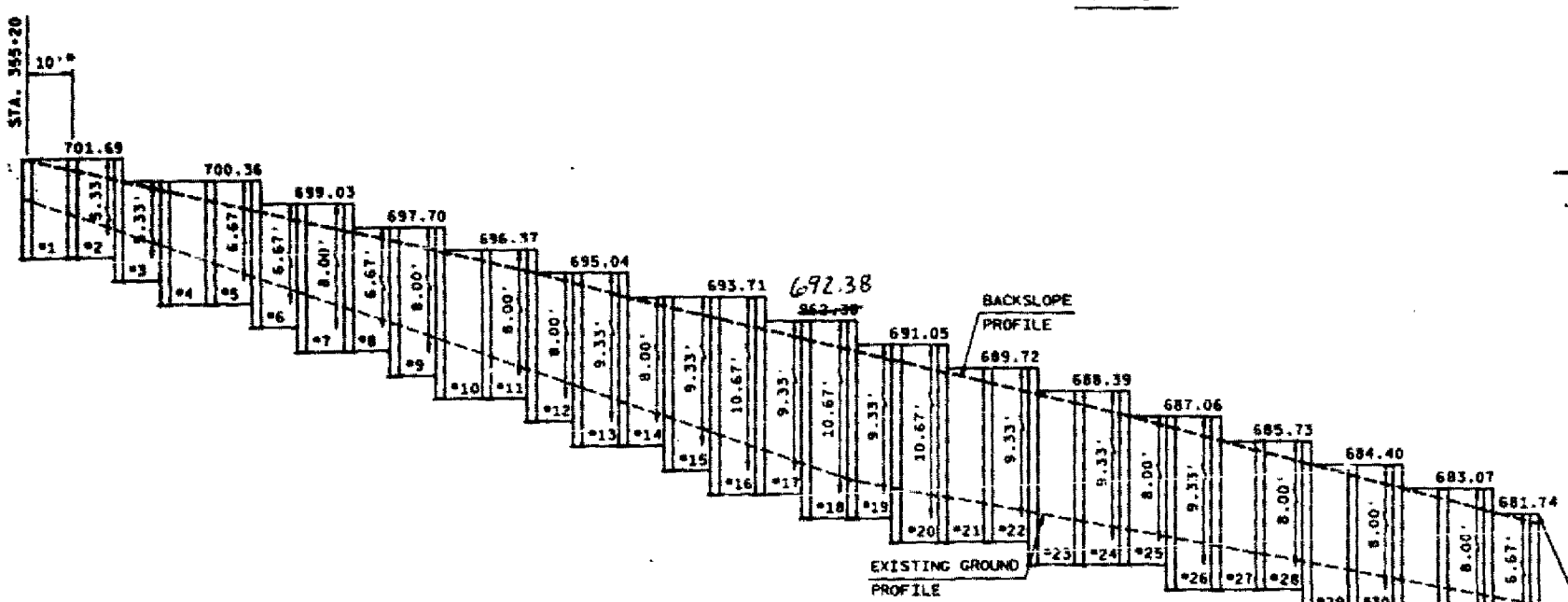
TOP VIEW



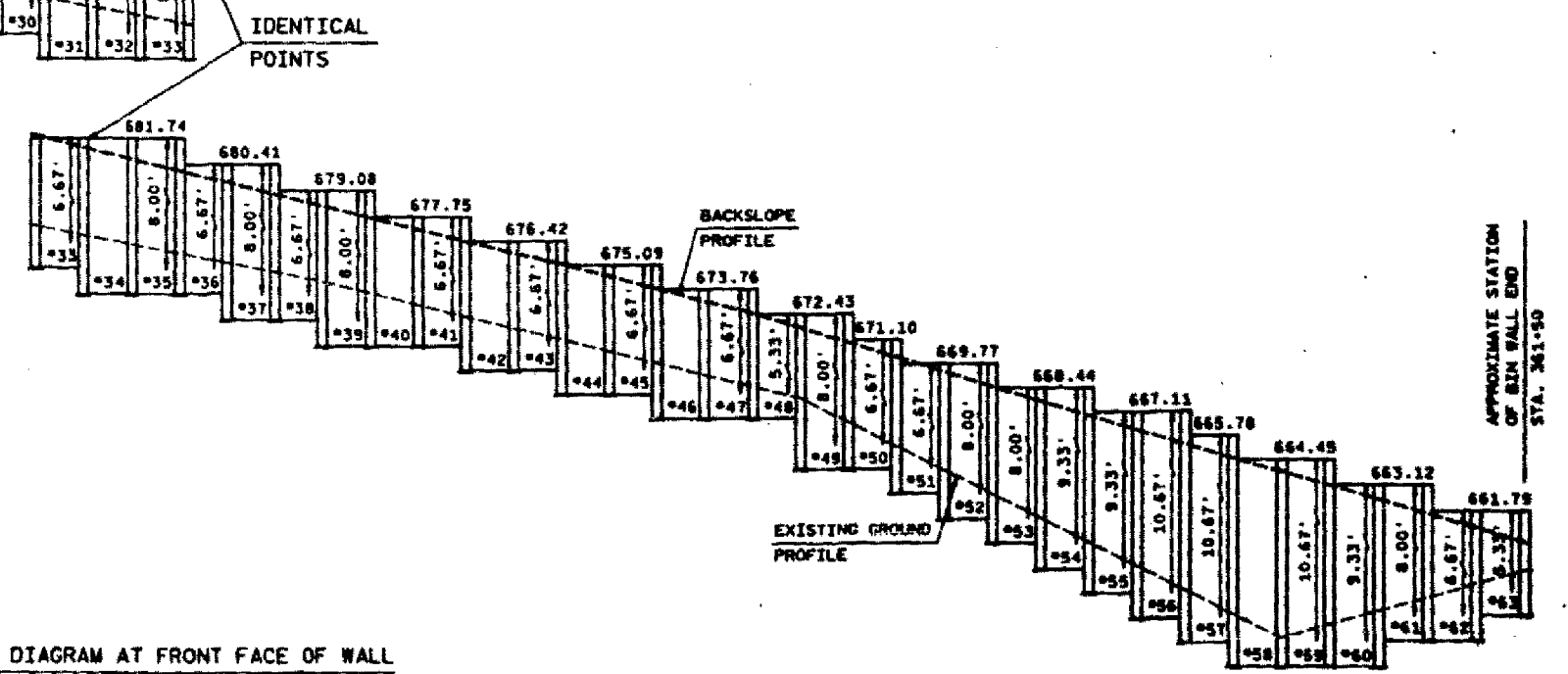
SECTION "A-A"

18" MINIMUM
30" NORMAL

NOTE : 6" PIPE UNDERDRAIN PIPE TO BE CONSTRUCTED THE ENTIRE LENGTH OF CRIB. PIPE SHALL BE PITCHED LONGITUDINALLY TO THE DISCHARGE OUTLET. THE EXACT LOCATION AND ELEVATION OF THE PIPE SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.



NOTE : TOP OF EACH BIN ELEVATION REMAIN SAME.
EVERY BIN IS 4-INCHES HIGHER THAN SHOWN.
EVERY BIN FOOTING ELEVATION IS 4-INCHES LOWER THAN SHOWN.



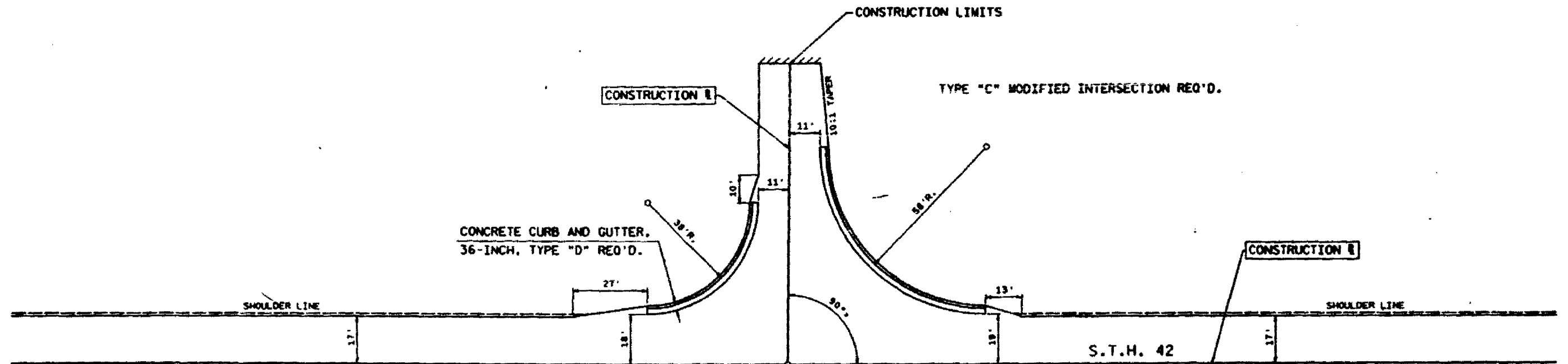
NOTE : THE EXACT LOCATION AND ELEVATIONS OF THE STEEL BIN WALLS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. USE SHORT PANEL SECTIONS 9' & 6" STRINGERS EVERY NINTH BIN IN THE REAR IN ADDITION TO PLAY IN THE BOLT HOLES. THIS APPLIES TO BINS 9,18,27

ALL 10'-0" STANDARD BINS

ELEVATION DIAGRAM AT FRONT FACE OF WALL

DETAIL FOR STEEL BIN-TYPE RETAINING WALL

AT CHARMANT WAY
 WILDFLOWER DRIVE
 JUDDVILLE HILL ROAD (STA. 162+18)
 JUDDVILLE HILL ROAD (STA. 176+94)
 ORCHARD ROAD
 SKI-VU DRIVE
 COTTAGE ROW ROAD



LEVELS ON - 1.2, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 2.0, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 3.0, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 4.0, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 5.0, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 6.0, 6.1, 6.2, 6.3

AT C.T.H. "T" AND SOUTH TRAIL

C.T.H. "T" CONST. & CURVE NOTES

P.I. = 51+15.17
 X = 2,703,862.693
 Y = 452,479.746
 L = 190°-05'-48"
 Δ = 10°-05'-48"
 D = 10°-00'
 T = 50.61'
 L = 100.97'
 R = 572.96'
 E = 2.23'

CONSTRUCTION & SOUTH TRAIL REV. CURVE NOTES

P.I. = 48+86.89
 X = 2,703,740.337
 Y = 452,678.073
 L = 196°-31'-00"
 Δ = 16°-31'-00"
 D = 10°-00'
 T = 83.16'
 L = 165.17'
 R = 572.96'
 E = 6.00'

CONSTRUCTION LIMITS
48+00

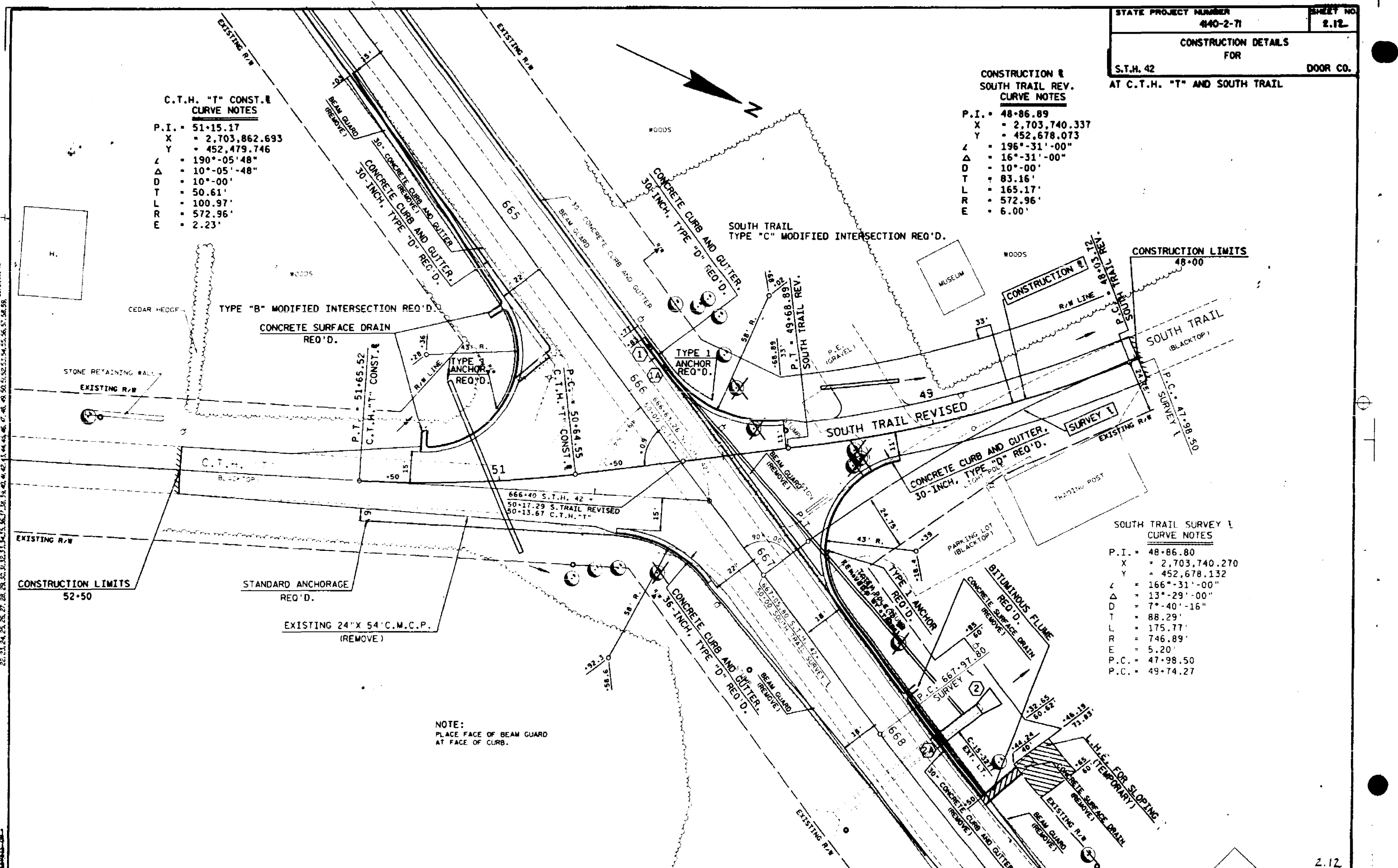
SOUTH TRAIL (BLACKTOP)

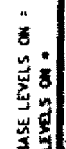
P.C. SURVEY 1
47+98.50

SOUTH TRAIL SURVEY 1 CURVE NOTES

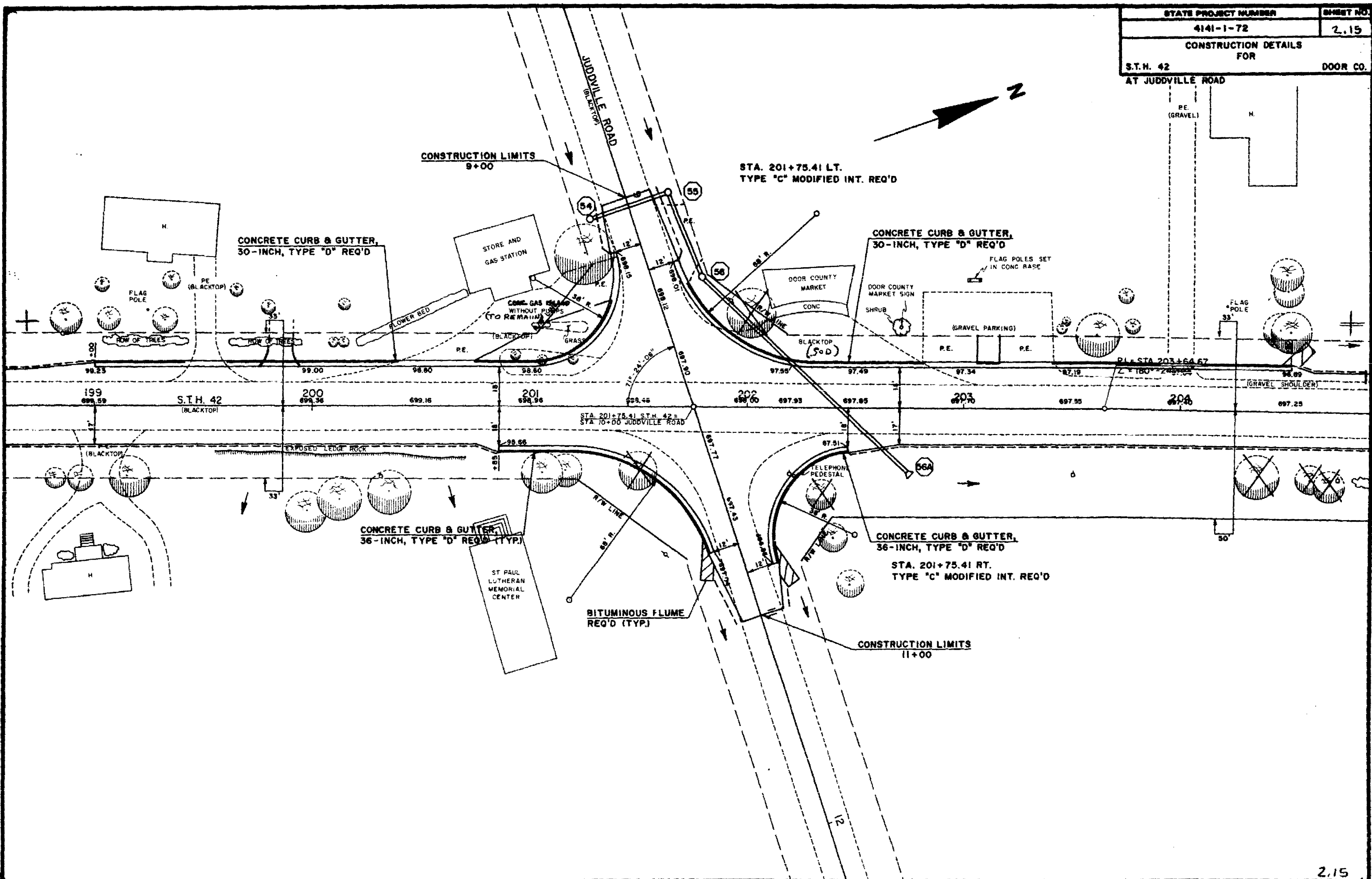
P.I. = 48+86.80
 X = 2,703,740.270
 Y = 452,678.132
 L = 166°-31'-00"
 Δ = 13°-29'-00"
 D = 7°-40'-16"
 T = 88.29'
 L = 175.77'
 R = 746.89'
 E = 5.20'
 P.C. = 47+98.50
 P.C. = 49+74.27

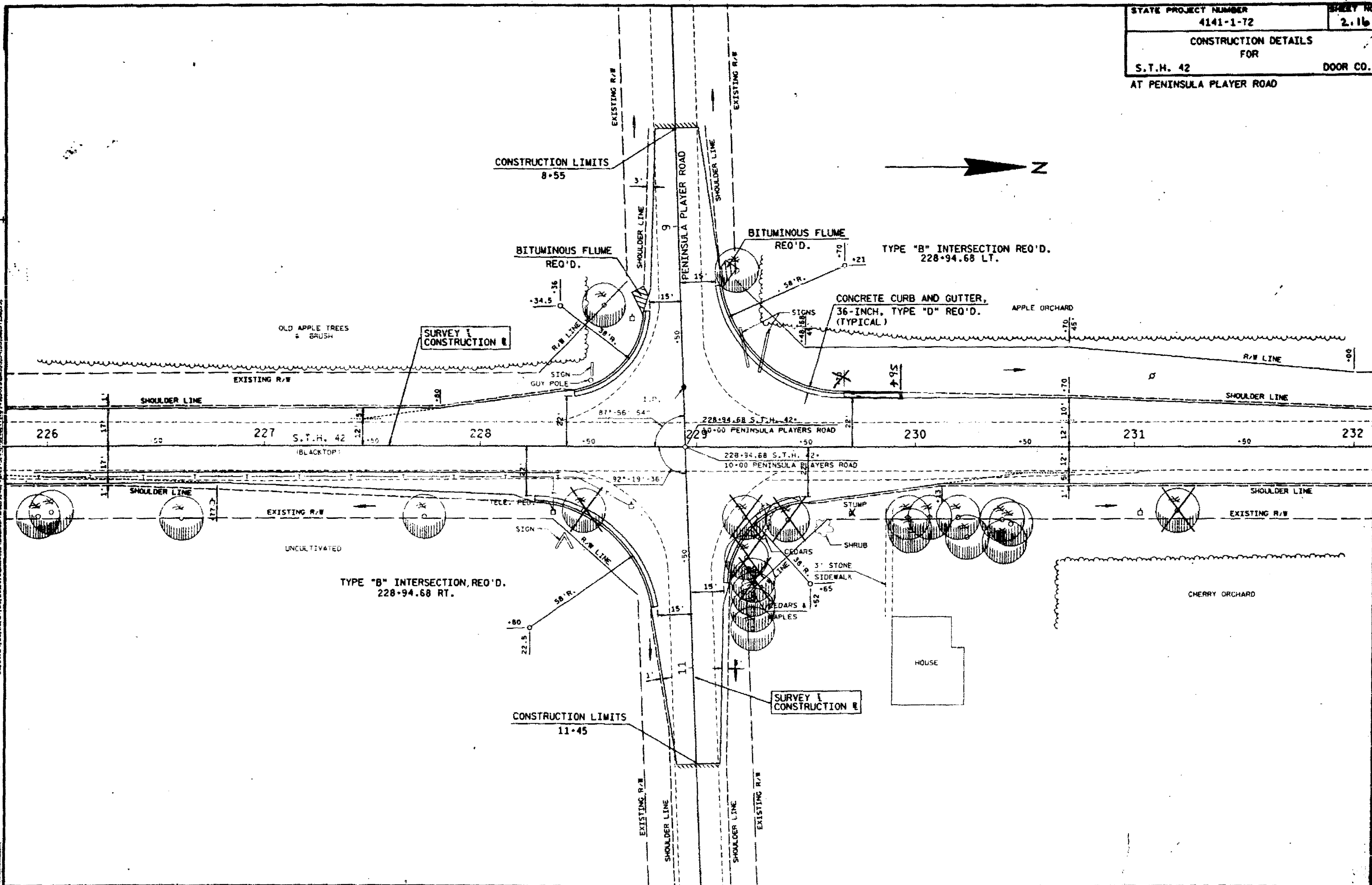
NOTE:
PLACE FACE OF BEAM GUARD
AT FACE OF CURB.





AT JUDDVILLE ROAD





1422 13.14.14.15.16.17.18.19.20.21.
1423 22.23.24.25.26.27.28.29.30.31.32.33.34.35.36.37.38.39.40.41.42.43.44.45.46.47.48.49.50.51.52.53.54.55.56.57.58.59.60.61.62.63
1424 11.12.13.14.15.16.17.18.19.20.21.22.23.24.25.26.27.28.29.30.31.32.33.34.35.36.37.38.40.41.42.43.44.45.46.47.48.49.50.51.52.53.54.55.56.57.58.59.60.61.62.63

LEVELS ON =

FILE NUMBER 9-030314-9410120-0000

GIBRALTAR BLUFF ROAD
CONSTRUCTION

CURVE NOTES

P.I. = 9+10.20
X = 2,711,401.520
Y = 482,193.109
Z = 163°-00'-38.15"
Δ = 16°-59'-21.45"
D = 15°-00'
T = 57.05'
L = 113.26'
R = 381.97'
E = 4.24'
S.E. = N.C.
P.C. = 8+53.15
P.T. = 9+66.41

CONSTRUCTION LIMITS
8+50

TYPE "C" MODIFIED INTERSECTION REQ'D.
346+55 LT.

CONCRETE CURB AND GUTTER,
36-INCH, TYPE "D" REQ'D.
(TYPICAL)

BITUMINOUS FLUME
REQ'D.

SURVEY I &
CONSTRUCTION

SURVEY
MONUMENT
DESTROYED

BASE LEVELS ON =
LEVELS ON =

STATE PROJECT NUMBER	SHEET NO.
4141-1-72	2.18
CONSTRUCTION DETAILS FOR	
DOOR CO.	

S.T.H. 42

BANK ENTRANCE (BLACKTOP)

ADJUST M.H.

(EXISTING)

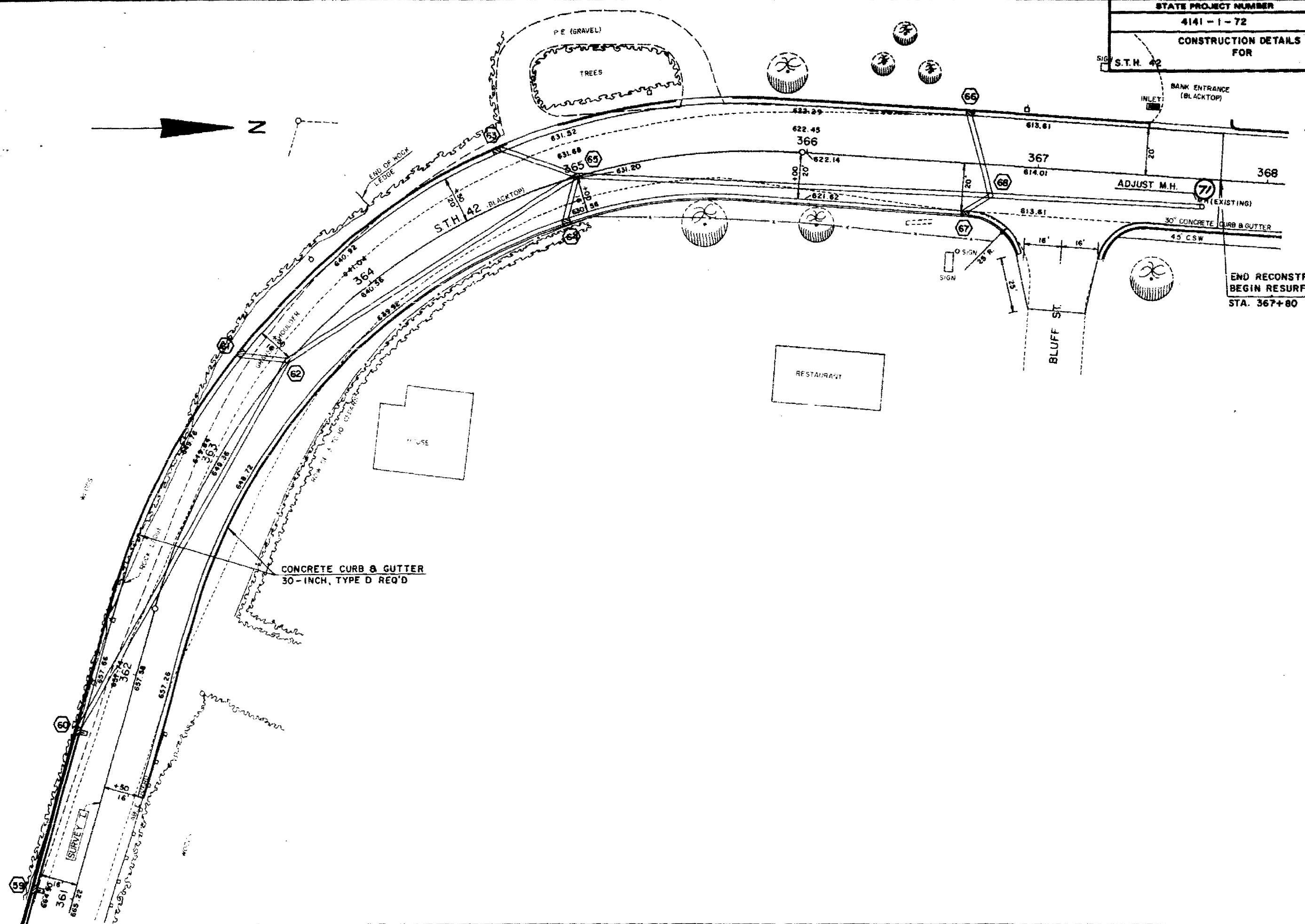
END RECONSTRUCTION
BEGIN RESURFACE
STA. 367+80

BLUFF ST.

RESTAURANT

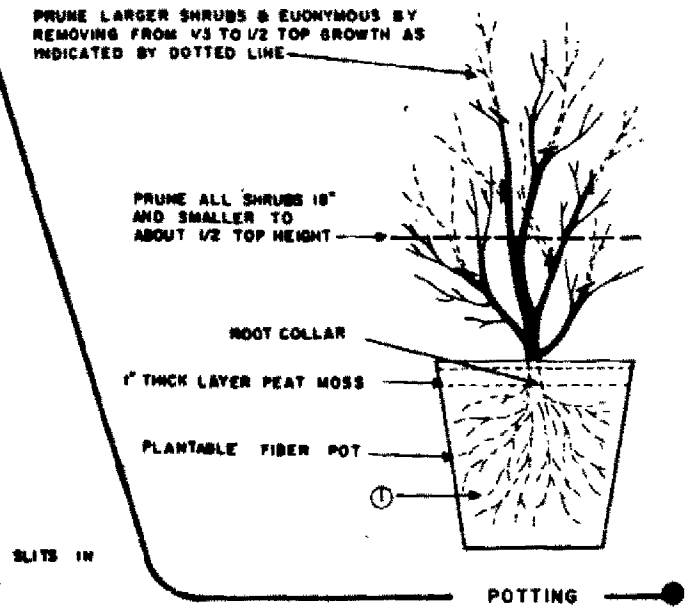
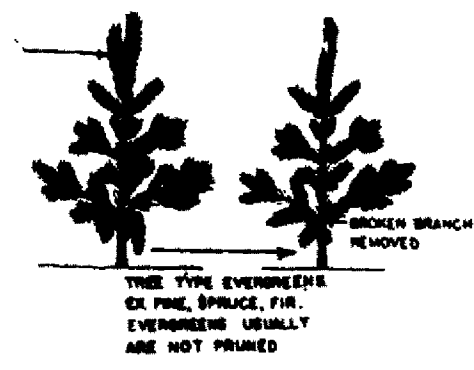
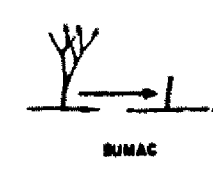
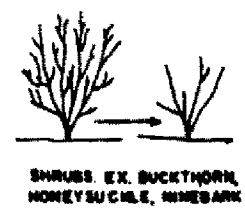
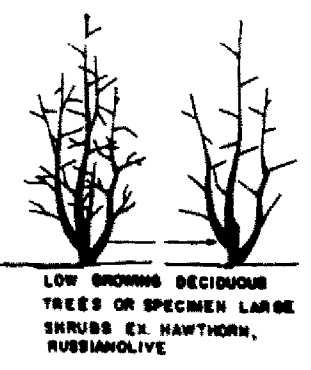
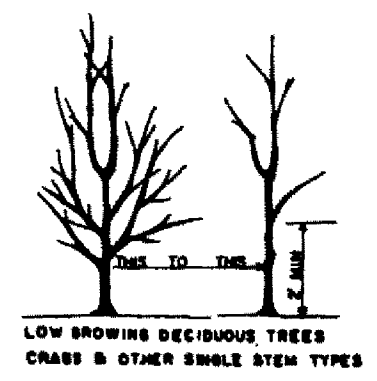
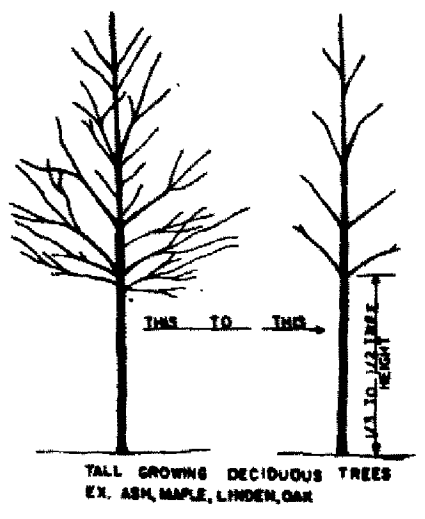
HOUSE

P.E. (GRAVEL)
TREES

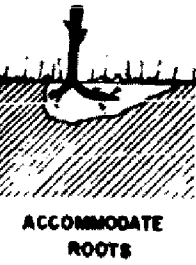
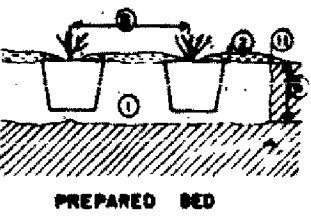
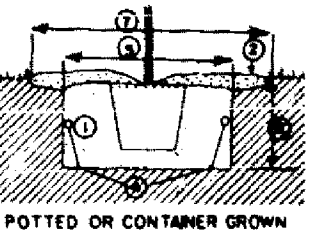
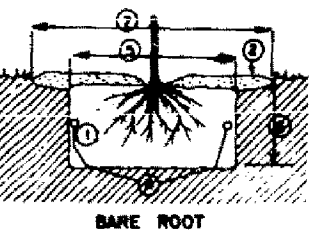
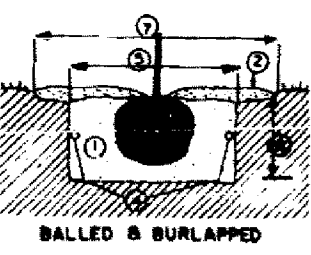
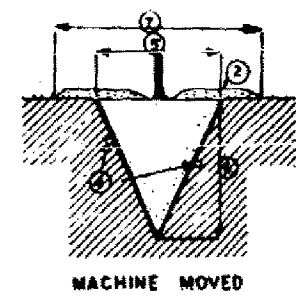


NOTE: WHEN PRUNING, PRESERVE CHARACTER & SHAPE OF TREE

- (1) PRUNE TO REMOVE DEAD AND BROKEN BRANCHES
- (2) PRUNE TO REMOVE BRANCHES THAT TOUCH OR ARE TOO CLOSE TO OTHER BRANCHES
- (3) PRUNE TO THIN OUT AND HEAD BACK THE CROWN OF THE TREE



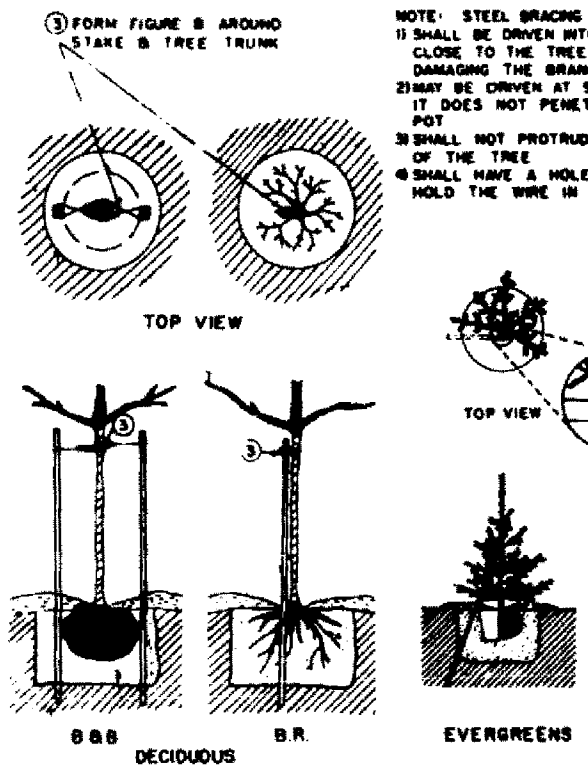
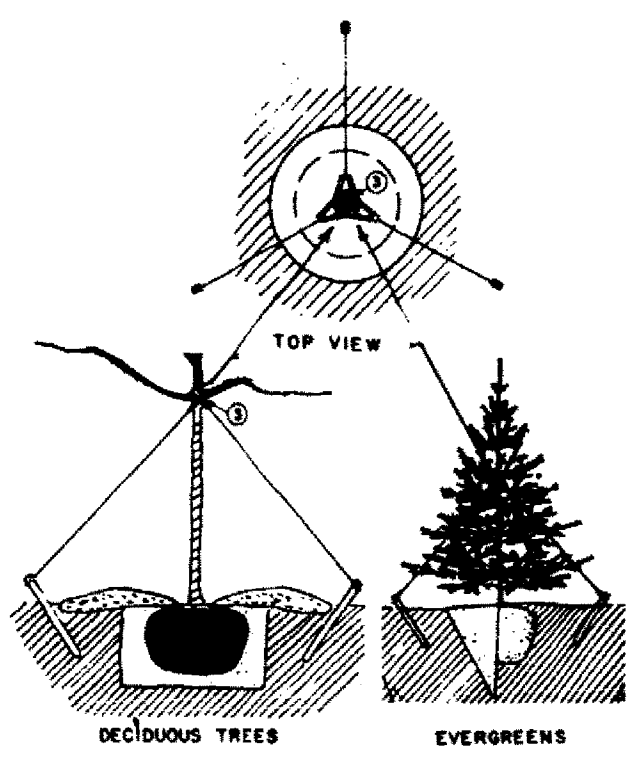
PRUNING



NOTE:

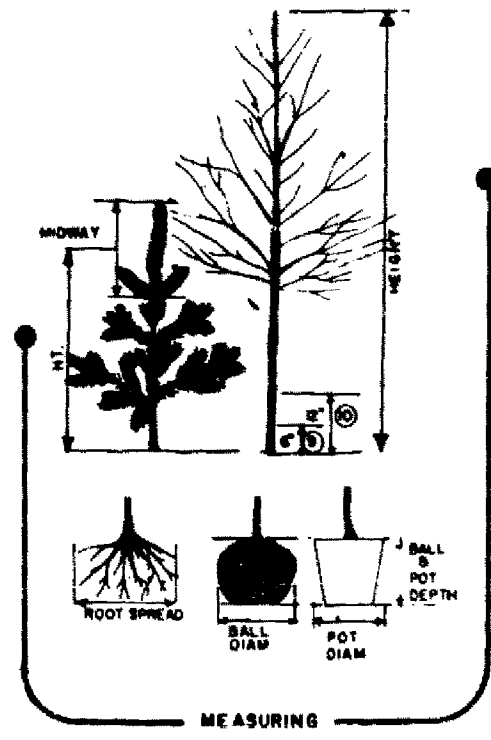
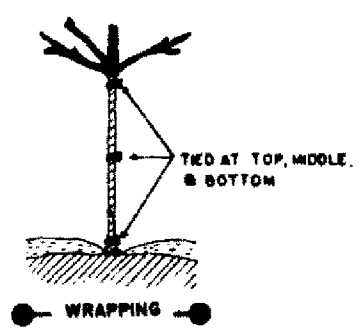
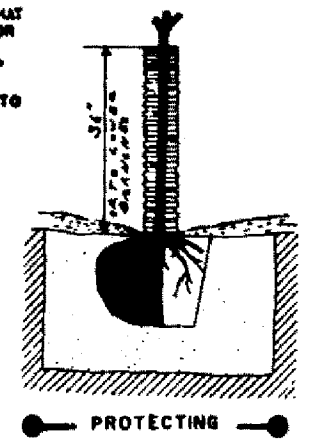
- (1) ENGINEER MAY REQUIRE 2 OR 3 SLITS IN POT TO SPEED DETERIORATION
- (2) METAL, PLASTIC OR OTHER NON DEGRADABLE POTS SHALL BE REMOVED PRIOR TO PLANTING

PLANTING

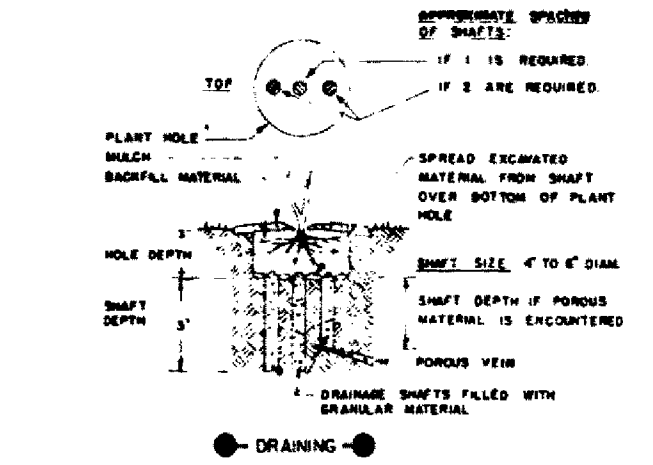


NOTE: STEEL BRACING STAKE

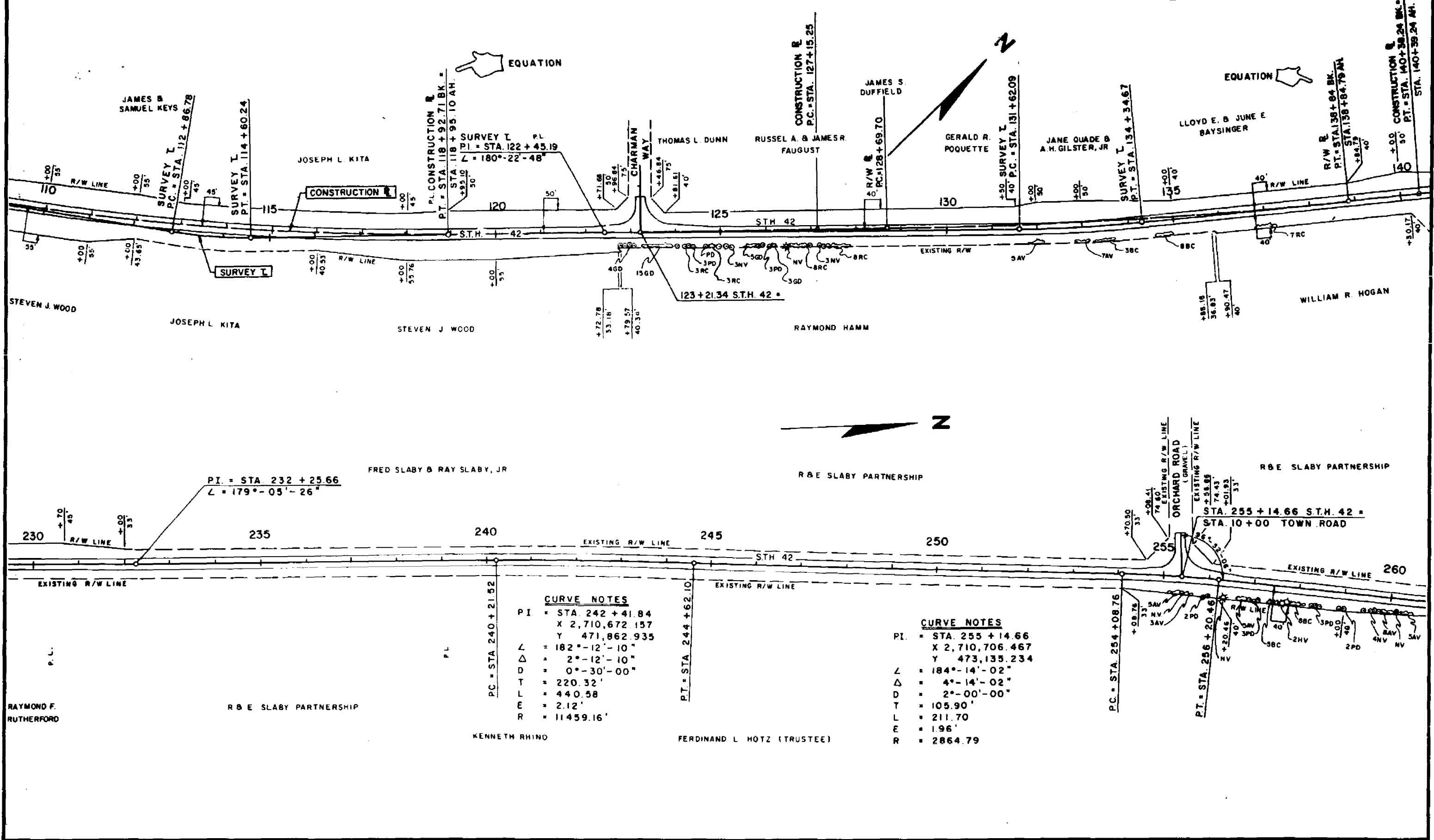
- (1) SHALL BE DRIVEN INTO THE GROUND AS CLOSE TO THE TREE AS POSSIBLE WITHOUT DAMAGING THE BRANCHES
- (2) MAY BE DRIVEN AT SUCH AN ANGLE THAT IT DOES NOT PENETRATE THE BALL OR POT
- (3) SHALL NOT PROTRUDE ABOVE THE TOP OF THE TREE
- (4) SHALL HAVE A HOLE NEAR THE TOP TO HOLD THE WIRE IN PLACE



NOTE: MEASUREMENTS ARE SPECIFIED ON PLANT DATA CHART



- LEGEND
- (1) BACKFILL MATERIAL - COMPACTED
 - (2) MULCH MATERIAL
 - (3) WIRE WITH TRUNK PROTECTION
 - (4) LOCATION OF CONTROLLED RELEASE FERTILIZER UNITS IF SPECIFIED
 - (5) DIAMETER AS SPECIFIED ON PLANT DATA CHART
 - (6) DEPTH AS SPECIFIED ON PLANT DATA CHART
 - (7) DIAMETER OF MULCHED AREA AS SPECIFIED ON PLANT DATA CHART
 - (8) SPACING (DISTANCE BETWEEN PLANTS)
 - (9) TAKE CALIPER MEASUREMENT OF TREE THROUGH 4" CALIPER
 - (10) TAKE CALIPER MEASUREMENT OF TREE OVER 4" CALIPER
 - (11) EDGE OF PLANT BED



ALAN J. STOVER STA 269+00-272+00 LT.

PLANTED

6 GREY DOGWOOD	8 REDTILE DOGWOOD
10 BLACK ARONIA	6 RED ARONIA
9 HIGHBUSH CRANBERRY	34 JUNIPERS
9 ARROWWOOD	8 SUMAC
	3 MOCK ORANGE

STATE PROJECT NUMBER

4141-1-72

SHEET NO.

2.21

PLANTING LAYOUT

