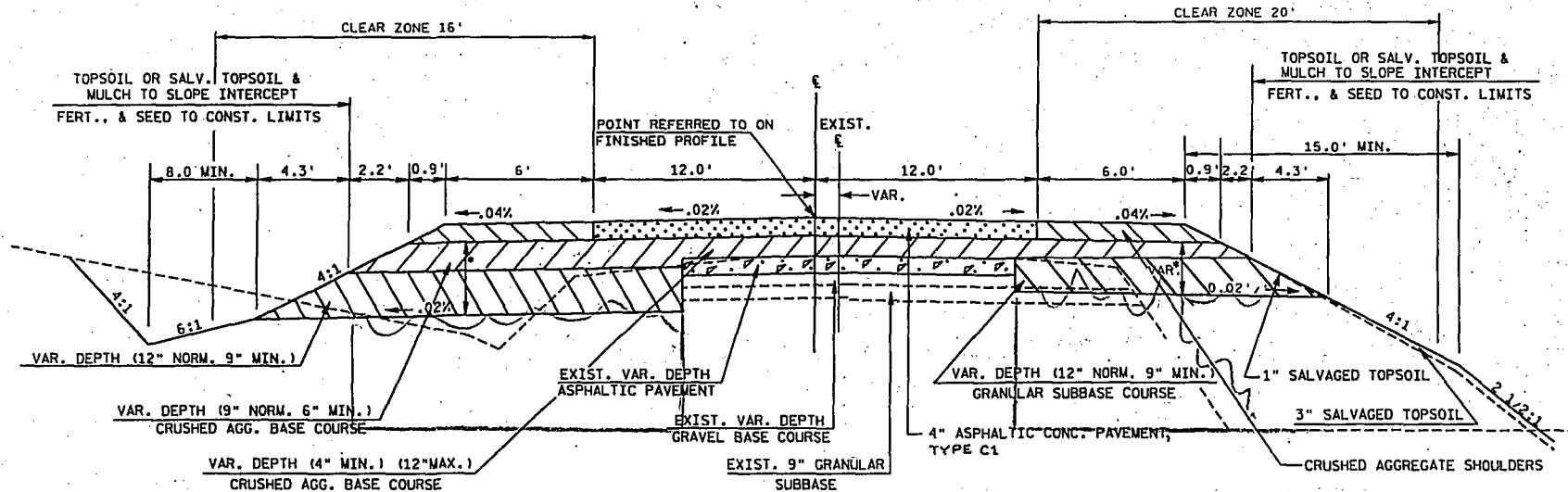
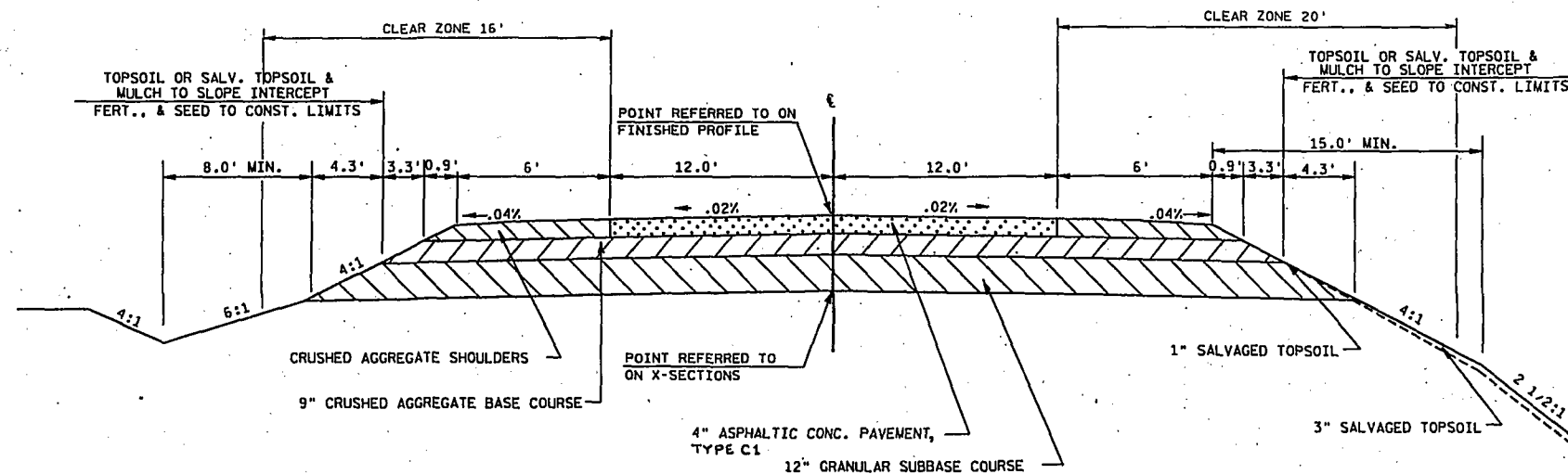




TYPICAL SECTION FOR CRUSHED AGGREGATE BASE COURSE LIFT * 18" TYPICAL

USE AT STA.	412+00 - 416+00	678+75 - 687+25
	459+05 - 463+25	713+15 - 720+05
	475+50 - 481+65	726+35 - 739+00
	492+30 - 506+05	751+05 - 759+05
	512+85 - 520+00	773+10 - 780+55
	565+35 - 576+50	813+75 - 821+00
	630+60 - 647+40	869+40 - 895+80.67



TYPICAL FINISHED SECTION FOR GRADING

USE AT STA.	402+00 - 407+90	604+30 - 630+60
	416+00 - 459+05	651+60 - 658+15
	506+05 - 512+85	676+60 - 678+75
	520+00 - 539+00	703+15 - 713+15
	545+60 - 565+35	739+00 - 751+05
	586+75 - 588+00	759+55 - 773+10
	588+00 - 588+95 RT. (ONLY)	780+55 - 784+00
	588+95 - 591+65	784+00 - 786+30 LT. (ONLY)
	604+30 - 620+30	786+30 - 789+45
		841+60 - 869+40

GENERAL NOTES

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

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

CONSTRUCTION PERMITS FOR P.E. AND DRAINAGE CONSTRUCTION HAVE BEEN OBTAINED AND THESE RIGHTS HAVE BEEN EXTENDED TO THE CONTRACTOR.

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

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

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

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.

SEED QUANTITIES ARE BASED ON SEED MIXTURES NO. 10 & 20.

ALL INTERSECTIONS SHALL BE TYPE "C" UNLESS OTHERWISE NOTED.

AREAS OF MARSH WITHIN GRADING SECTIONS SHALL HAVE SELECTED BORROW PLACED TO A MINIMUM OF TWO FEET ABOVE THE MARSH SURFACE.

(SEE X- SECTIONS)

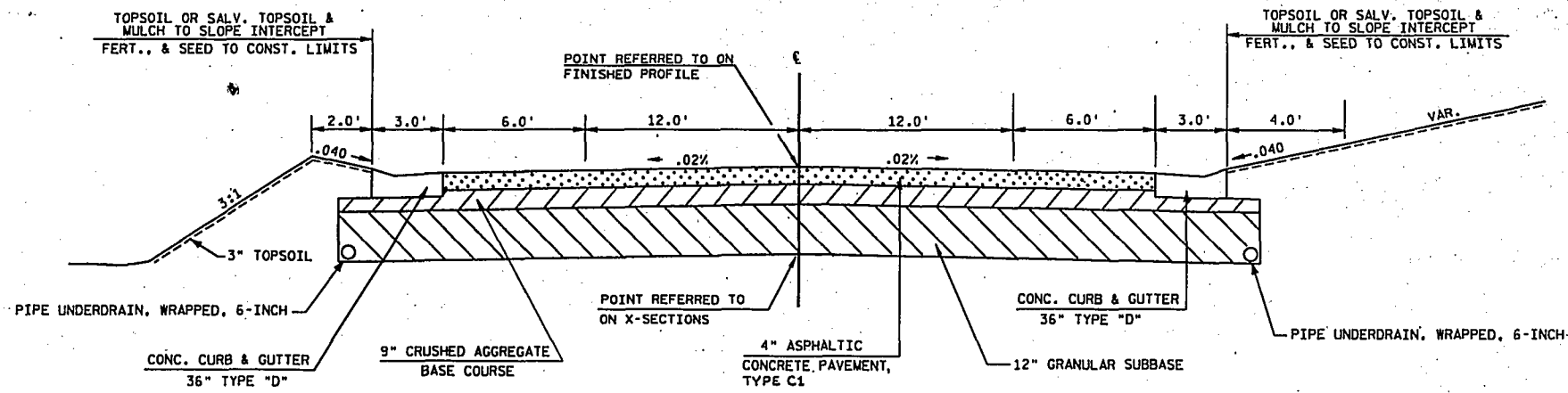
UTILITIES

WISCONSIN BELL TELE. CO.
304 SOUTH DEWEY ST.
EAU CLAIRE, WIS. 54701
FRANK C. OSBORN
715-839-5816

UNITED POWER ASSOCIATION
ELK RIVER, MINNESOTA
55330-0800
GARY OSTROM
612-441-3121

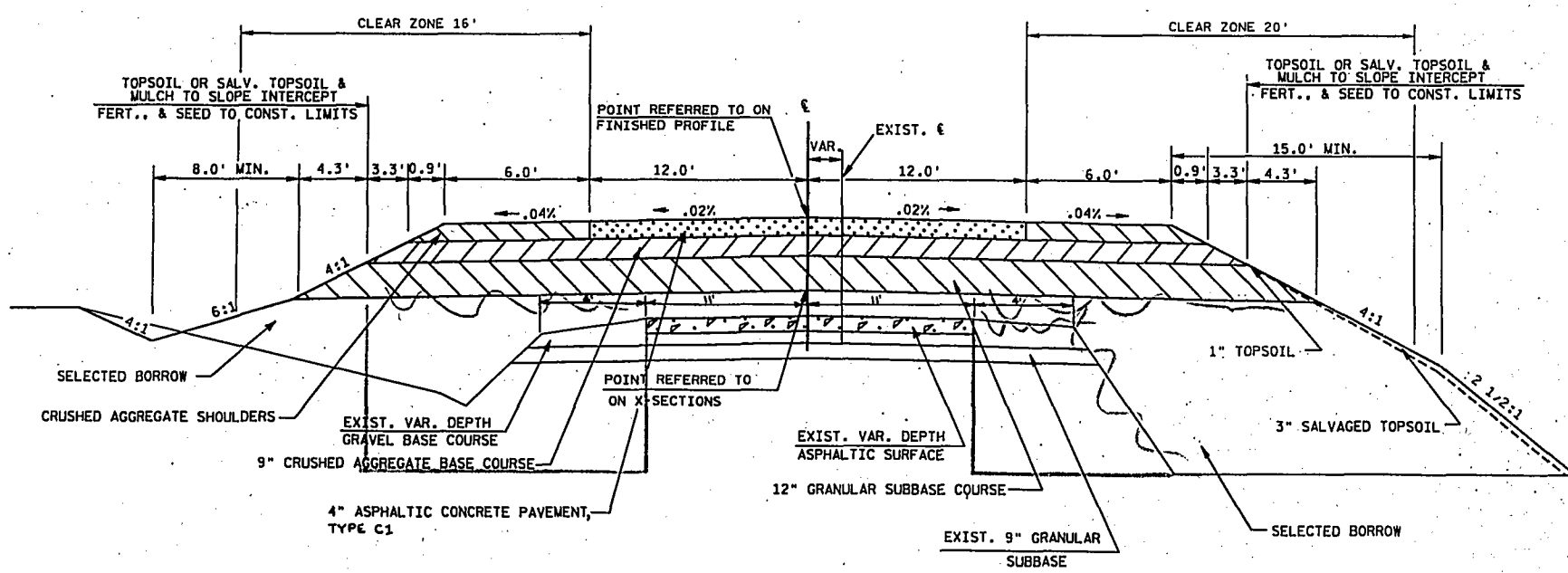
STANDARD DETAIL DRAWINGS

CONCRETE CURB, CONCRETE CURB AND GUTTER	
AND PAVEMENT TIES	801-11
EROSION MAT	8E7-1
TYPICAL INSTALLATIONS OF EROSION BALES	8E8-1
SILT FENCE	8E9-3
APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCHES	8F1-100
AT-GRADE SIDE ROAD INTERSECTIONS, TYPES "B" AND "C"	9A1-80
CLASS "A" STEEL PLATE BEAM GUARD, INSTALLATION & ELEMENTS	14B15-10
CLASS "A" STEEL PLATE BEAM GUARD WITH ANCHORAGE FOR	
STEEL PLATE BEAM GUARD	14B17-1
CLASS "A" STEEL PLATE BEAM GUARD (AT BRIDGES, OBSTACLES	
AND SIDEROADS/DRIVEWAYS)	14B18-10
MARKER POSTS FOR RIGHT OF WAY	15A1-5
BARRICADES & TRAFFIC CONTROL FOR ROAD CLOSURES	15C2-2
PAVEMENT MARKING	15C8-3
TRAFFIC CONTROL FOR LANE CLOSURE	15C12-1
LANDMARK REFERENCE MONUMENTS AND COVERS	16A1-4
CLASS "A" STEEL PLATE BEAM GUARD, END TREATMENT	
WITH ANCHORAGE, TYPE 1 & 2	14B16-1a1b



TYPICAL FINISHED CURB & GUTTER SECTION

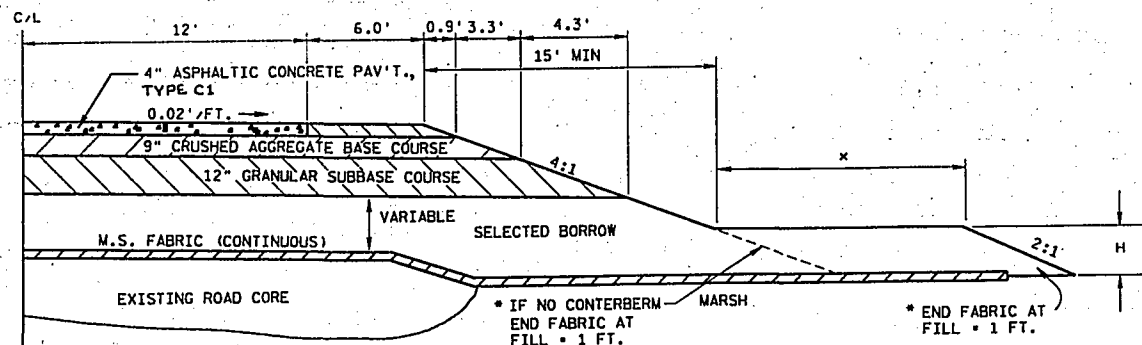
STA. 588+00 TO 588+95 LT. (ONLY)
STA. 784+00 TO 786+30 RT. (ONLY)



TYPICAL FINISHED SECTION FOR SELECTED BORROW LIFT

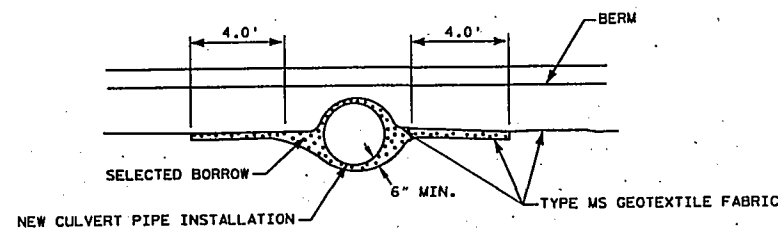
STA. 407+90 TO 412+20	STA. 621+39 TO 626+50
STA. 463+25 TO 475+50	STA. 647+40 TO 654+60
STA. 481+65 TO 492+30	STA. 658+15 TO 670+60
STA. 539+00 TO 545+60	STA. 687+25 TO 703+15
STA. 576+50 TO 586+75	STA. 720+05 TO 726+35
STA. 591+65 TO 604+30	STA. 789+45 TO 813+75
	STA. 821+00 TO 841+60

1.7 1.4 1.3 1.2 1.1 1.0 0.9 0.8 0.7 0.6 0.5 0.4 0.3 0.2 0.1 0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 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

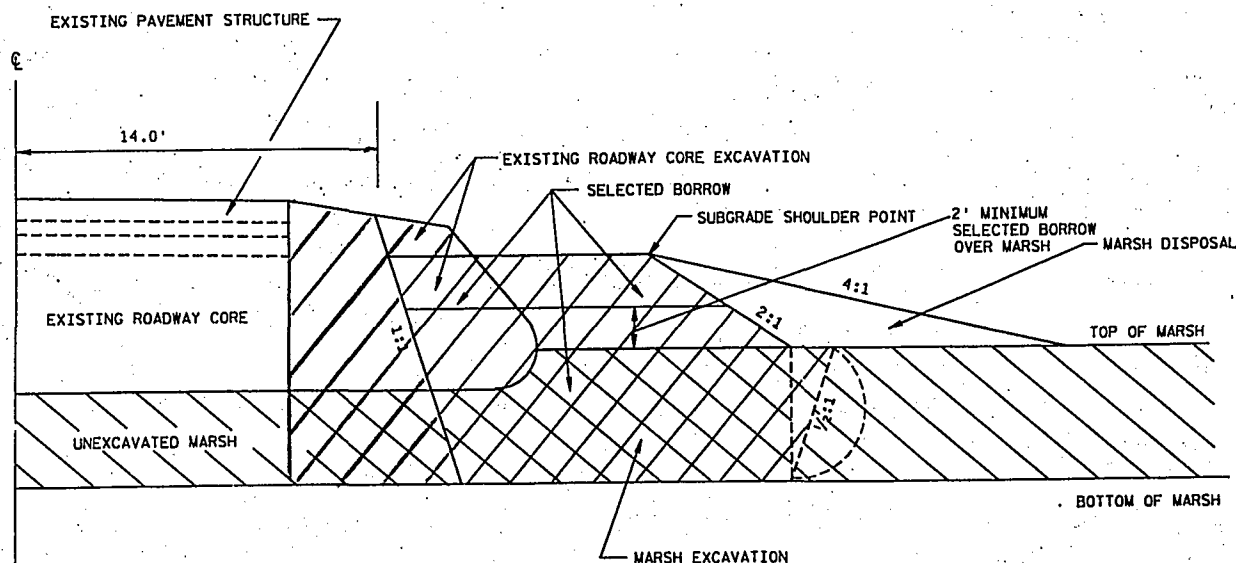


TYPICAL SECTION (COUNTERBENT & GEOTEXTILE FABRIC DETAIL)

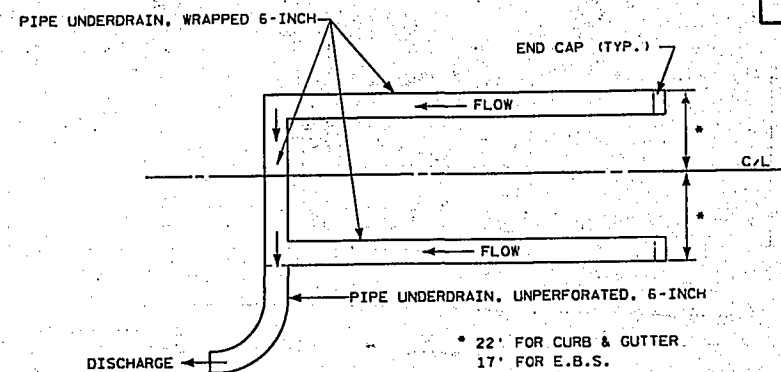
STA. TO STA.	LOCATION	X	H	GROUP (SEE SPECIAL PROVISIONS)
485+50 - 489+50	LT. & RT.	—	—	A
579+50 - 585+50	LT. & RT.	13'	2'	A
651+00 - 655+50	LT. & RT.	13'	1'	A
660+10 - 663+20	LT. & RT.	—	—	A
672+25 - 677+20	LT. & RT.	—	—	A
689+00 - 695+35	LT. & RT.	—	—	A
721+50 - 726+00	LT. & RT.	8'	2'	A
795+25 - 811+00	LT. & RT.	—	—	B
811+00 - 812+35	LT. & RT.	—	—	A
823+00 - 841+00	LT. & RT.	—	—	A



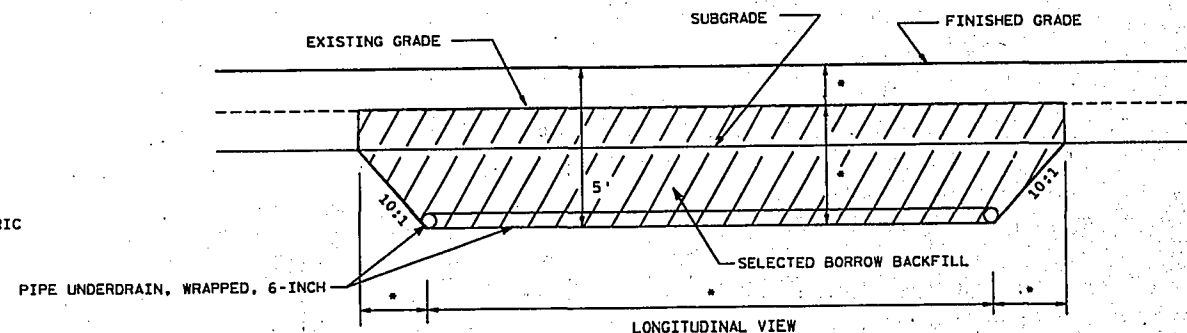
TYPICAL SECTION FOR CULVERT PIPE INSTALLATION IN MARSH AREAS



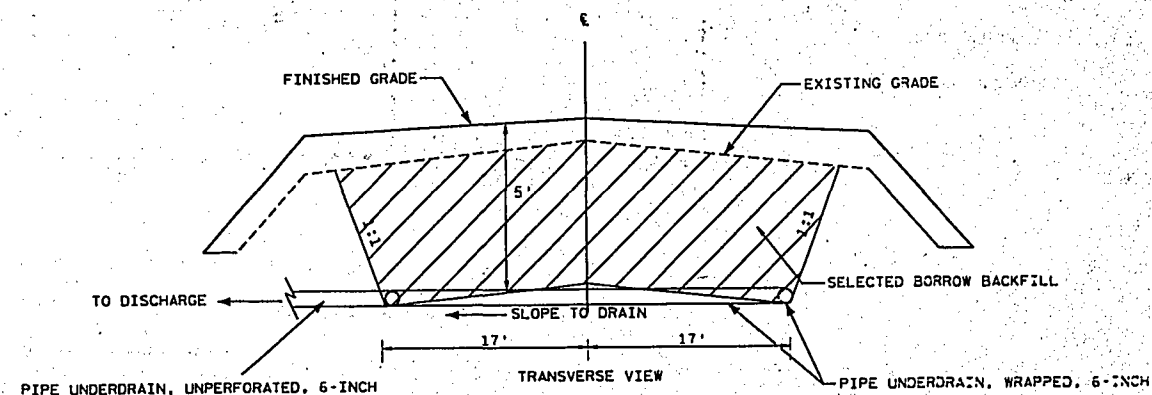
TYPICAL HALF SECTION FOR MARSH EXCAVATION



PIPE UNDERDRAIN DETAIL



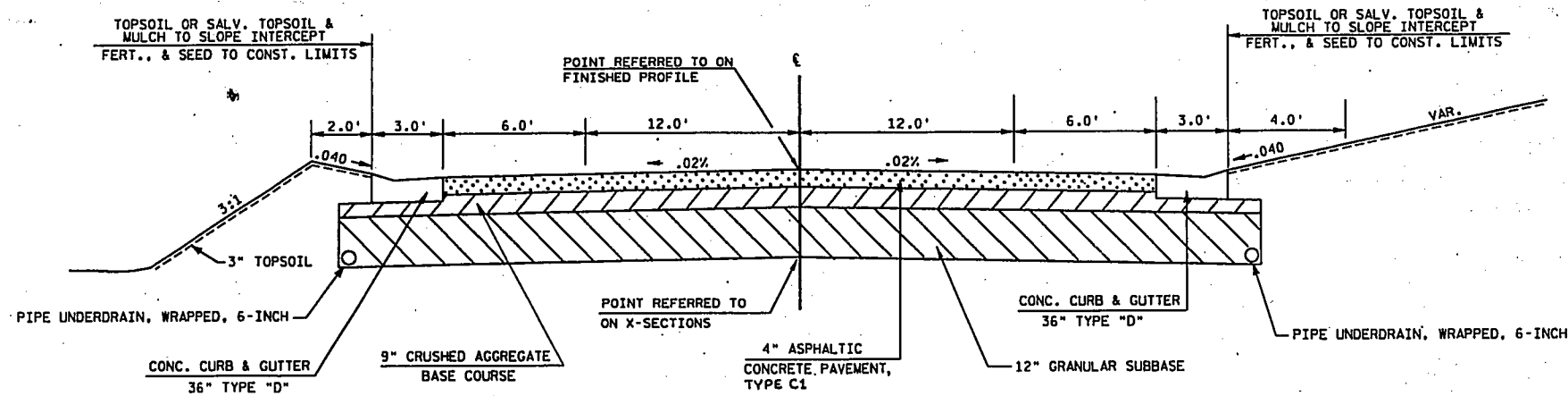
* VARIABLE



DETAIL FOR ROADWAY E.B.S.

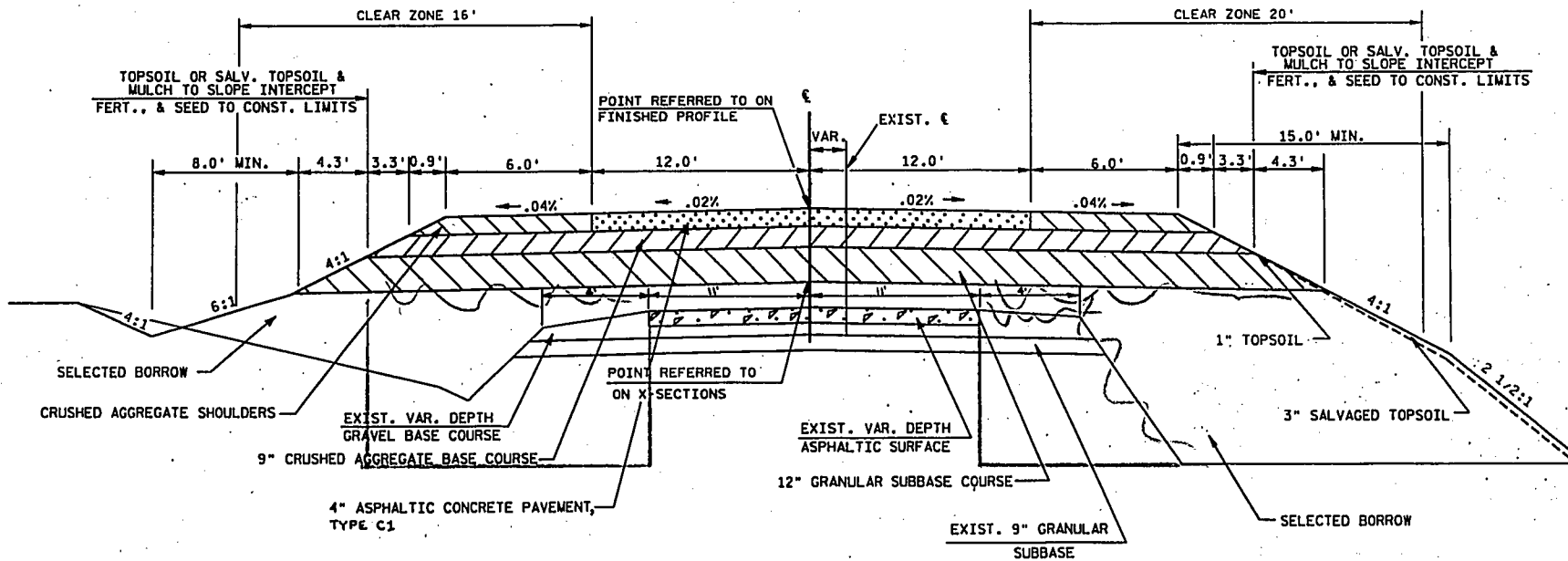
* STA. 549+39 TO 549+71
STA. 818+62 TO 818+94

* NOTE : STATIONS INDICATED ARE FULL DEPTH E.B.S.



TYPICAL FINISHED CURB & GUTTER SECTION

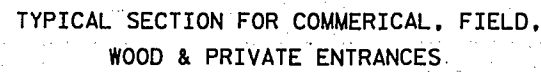
STA. 588+00 TO 588+95 LT. (ONLY)
STA. 784+00 TO 786+30 RT. (ONLY)



TYPICAL FINISHED SECTION FOR SELECTED BORROW LIFT

STA. 407+90 TO 412+20	STA. 621+30 TO 626+50
STA. 463+25 TO 475+50	STA. 647+40 TO 654+60
STA. 481+65 TO 492+30	STA. 658+15 TO 678+75
STA. 539+00 TO 545+60	STA. 687+25 TO 703+15
STA. 576+50 TO 586+75	STA. 720+05 TO 726+35
STA. 591+65 TO 604+30	STA. 789+45 TO 813+75
	STA. 821+00 TO 841+60

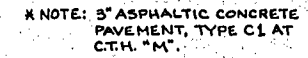
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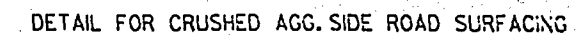
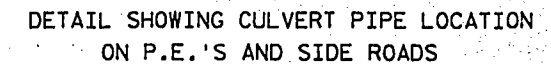
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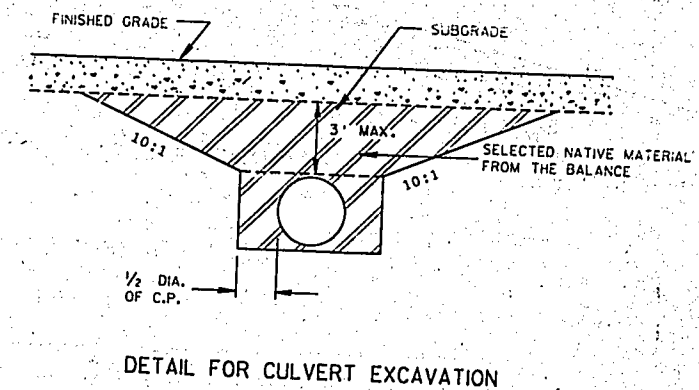
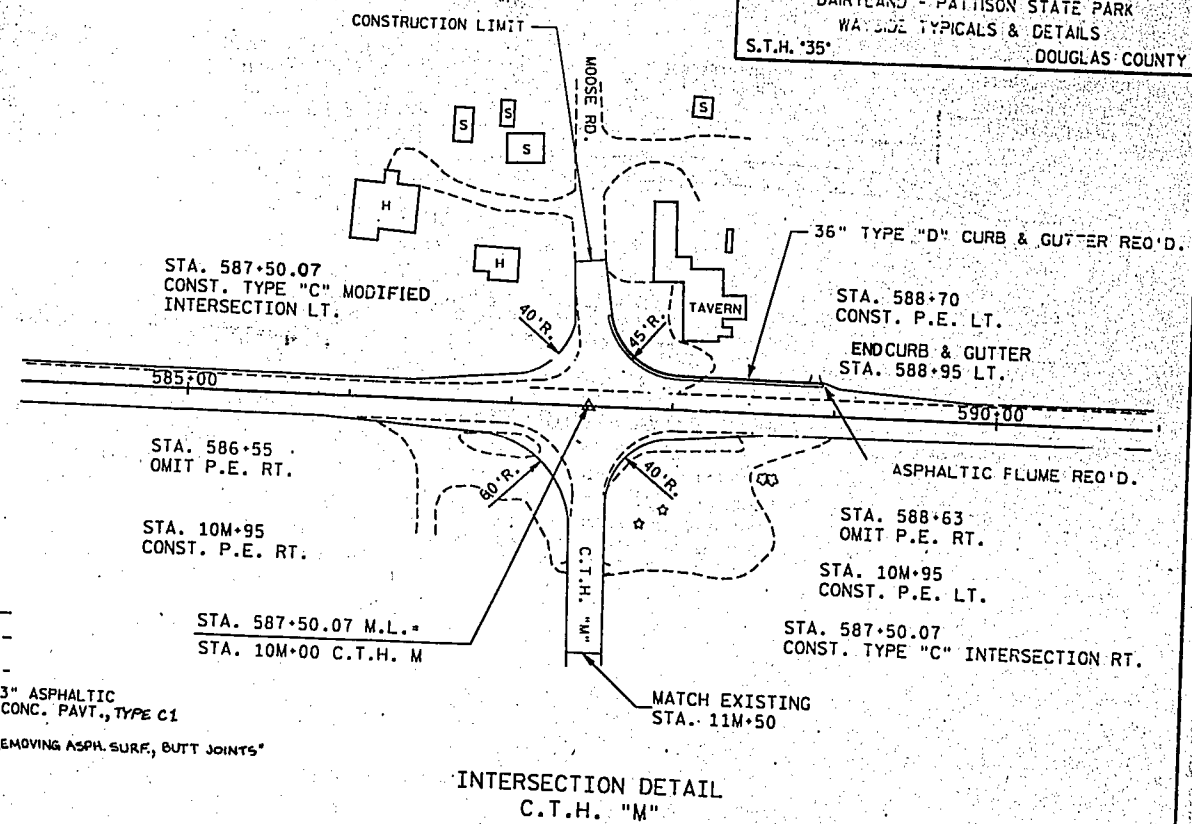
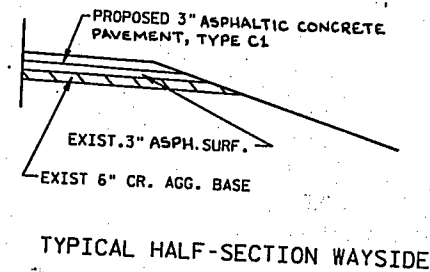
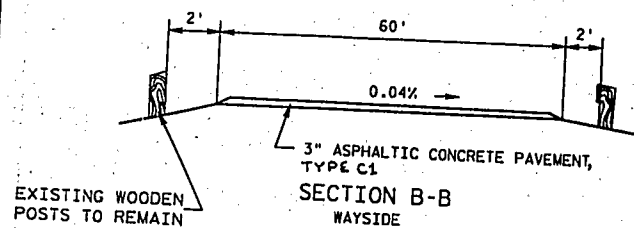
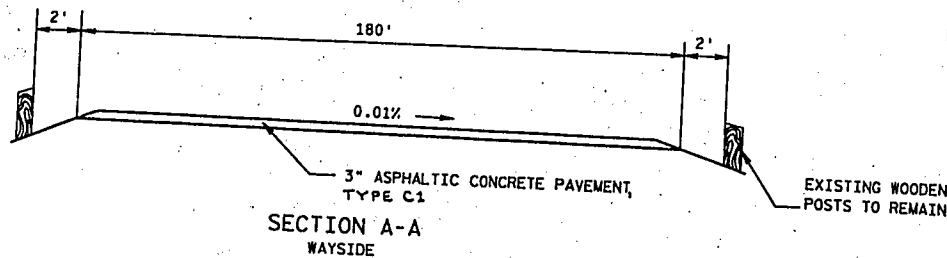
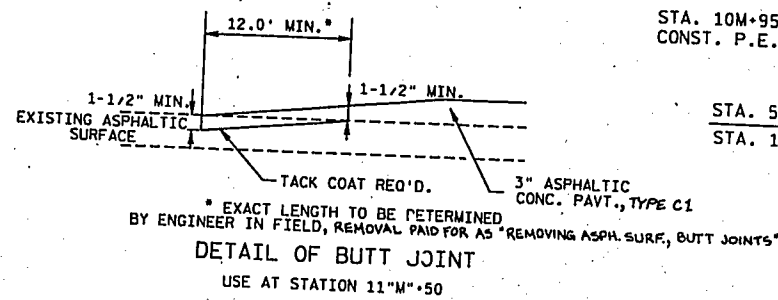
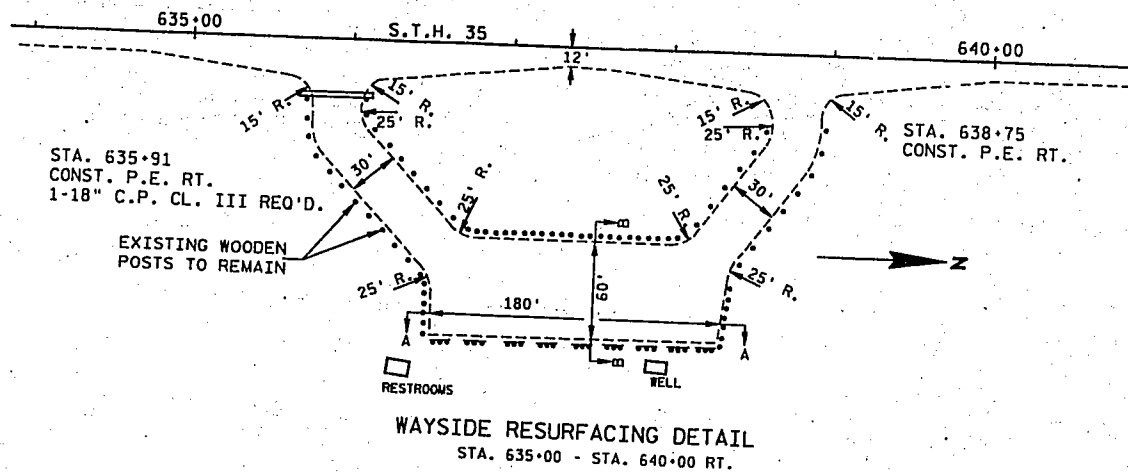
** USE 6:1 SLOPE WITHIN THE M/L CLEAR ZONE
*** WIDTH OF PRIVATE ENTRANCES - 16' MIN. - 24' MAX.
    WIDTH OF COMMERCIAL ENTRANCES - 35' MAX.
    PIPE LENGTHS FOR P.E.'S BASED ON 16' TOP
    PIPE LENGTHS FOR COMMERCIAL ENTRANCES BASED ON 30' TOP

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DEGREE OF CURVE	SUPERELEVATION	RUNOFF	A	B	C	D	E	F
0° 30'	0.020%	0'	4.3'	3.3'	0.9'	1.4'	3.1'	4.0'
4° 15'	0.060%	165'	4.0'	3.1'	1.4'	1.4'	3.1'	4.0'

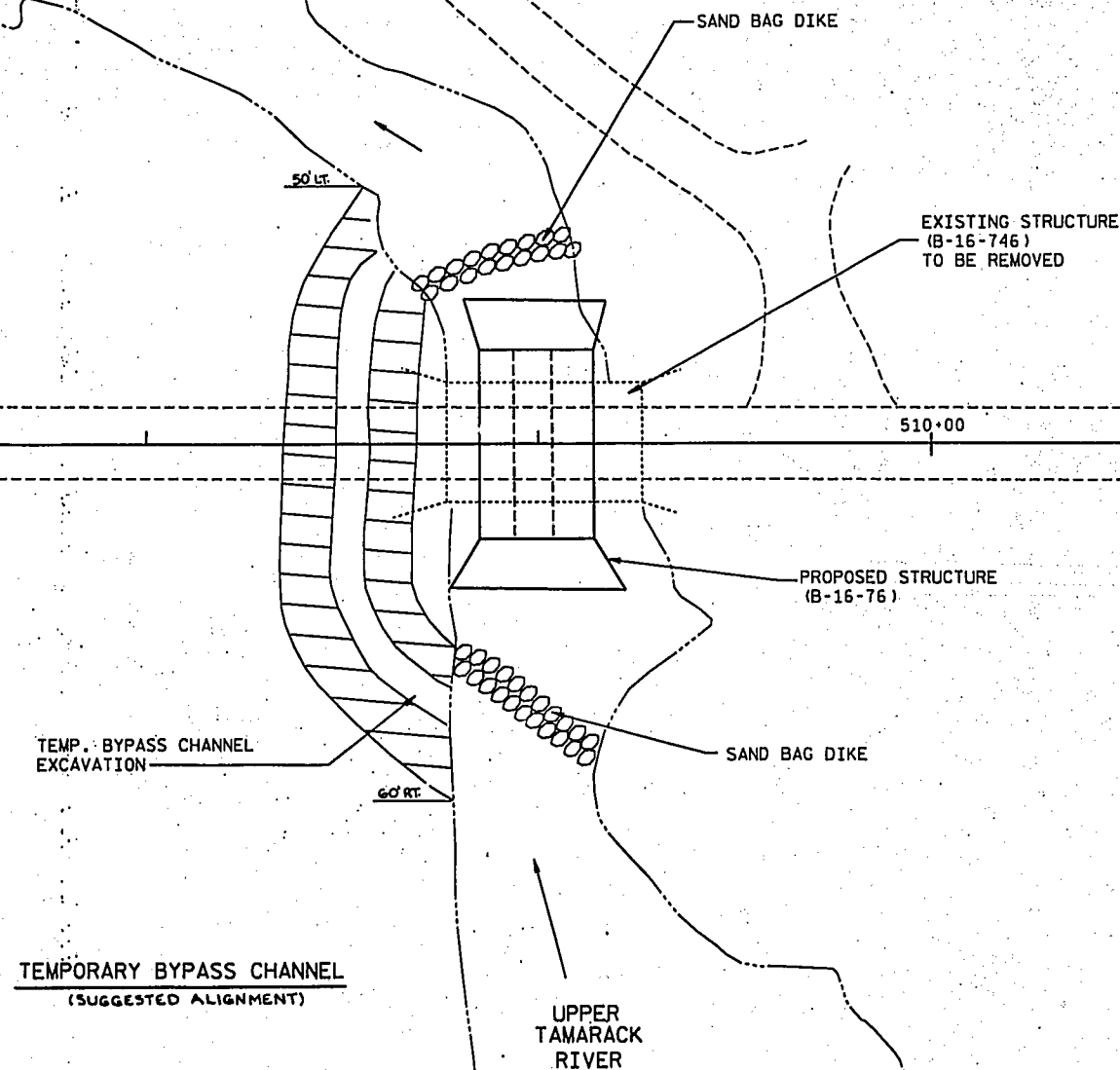




11.415 DN - 12.3.4.5.6.7.8.9.10.11.12.13.14.15.16.17.18.19.20.21.22.23.24.25.26.27.28.29.30.31.32.33.34.35.36.37.38.39.40.41.42.43.44.45.46.47.48.49.50.51.52.53.54.55.56.57.58.59.60.61.62.63

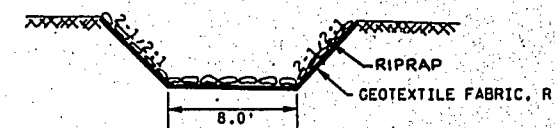
NOTE: THERE IS AN ESTIMATED 400 CUBIC YARDS
 OF EXCAVATION REQUIRED FOR THE TEMPORARY
 CHANNEL BYPASS. THE CONTRACTOR MAY
 ALTER THE CHANNEL LOCATION AND CONFIGURATION
 WITH THE ENGINEER'S APPROVAL.

CHANNEL BYPASS SHALL BE LINED WITH
 GEOTEXTILE FABRIC, R OR EQUAL
 MATERIAL APPROVED BY THE ENGINEER.
 DETAIL IS NOT TO SCALE.



MISCELLANEOUS QUANTITIES

COMMON EXCAV.	400 C.Y.
SAND BAGS	1000 EACH
RIPRAP	175 C.Y.
GEOTEXTILE FABRIC, TYPE R	470 SY.

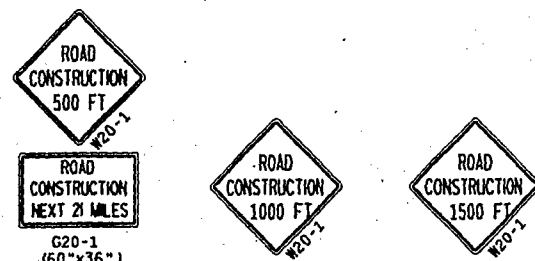
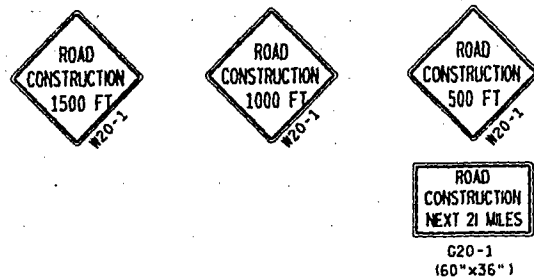
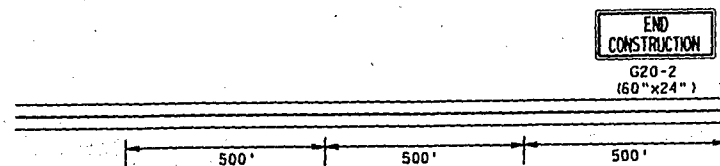


TYPICAL SECTION BYPASS CHANNEL

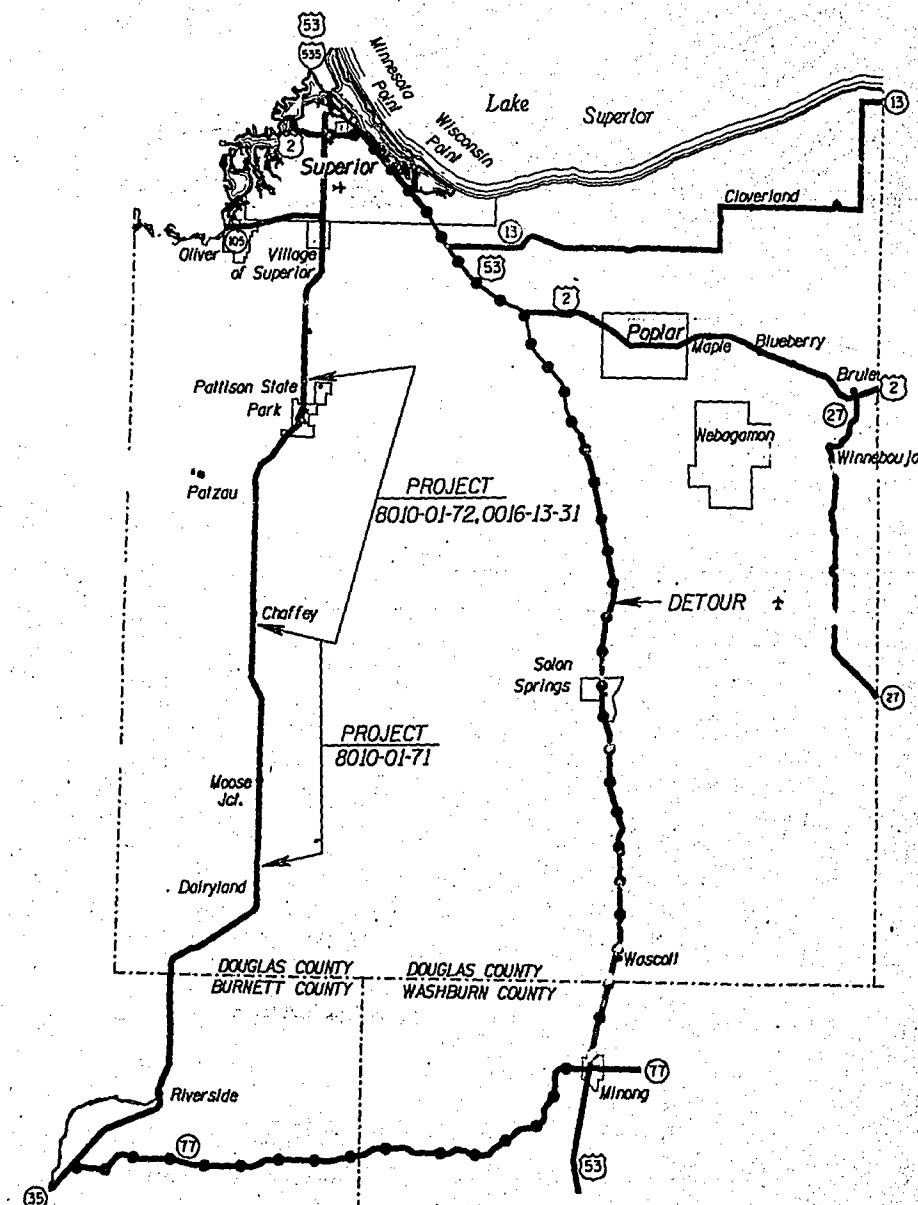
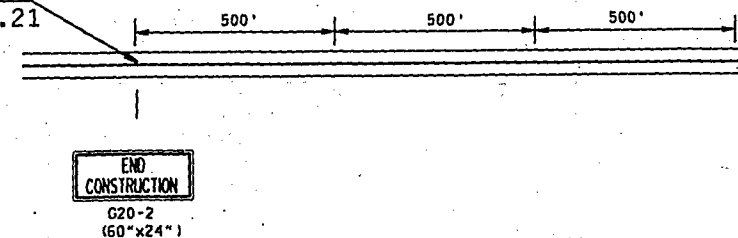
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BEGIN PROJECT 8010-01-71
STA. 402+00.00

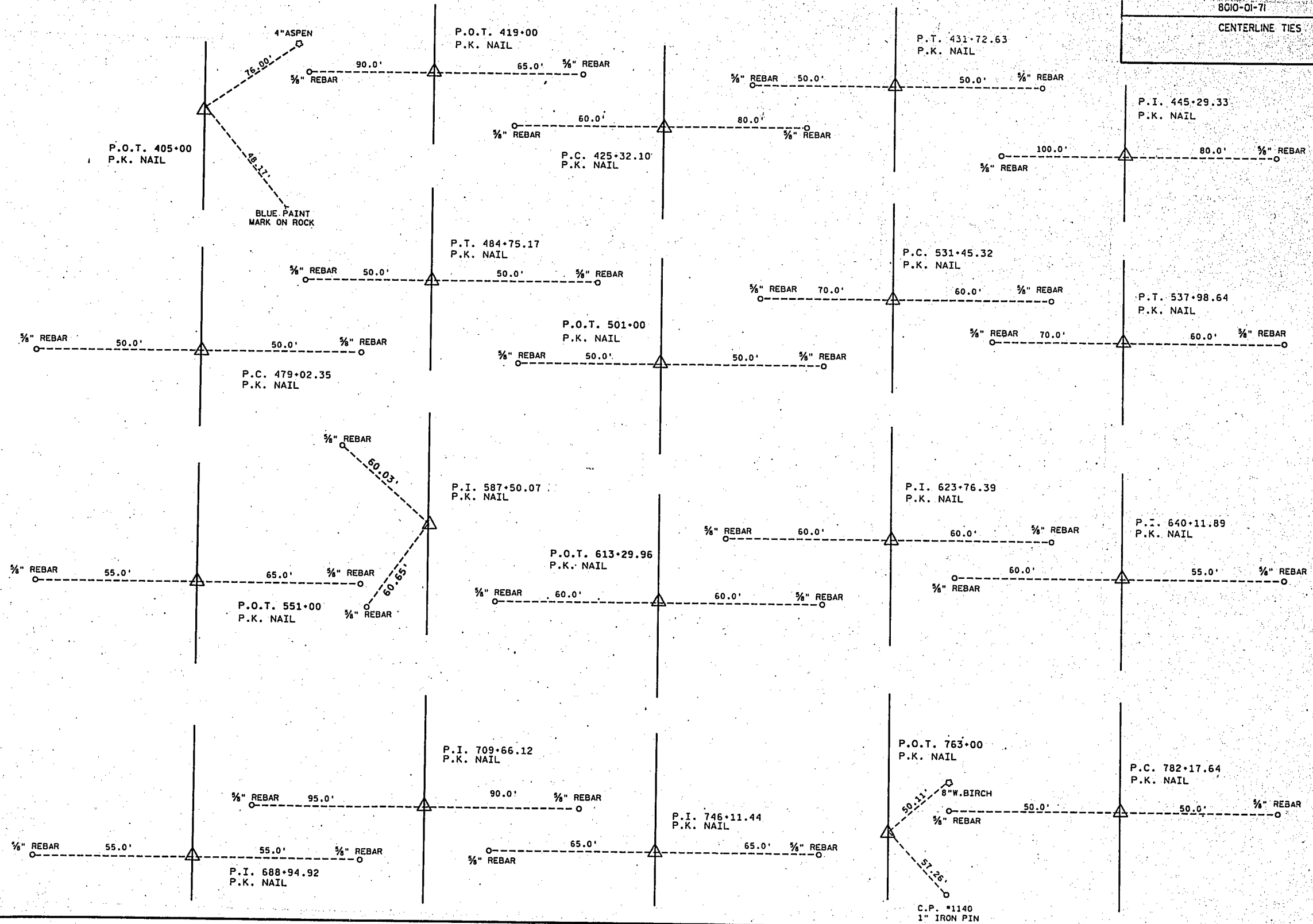
NOTE: ALL SIDE ROADS UNDER CONSTRUCTION SHALL BE ADEQUATELY SIGNED.
ALL SIGNS SHALL BE 48"x48" UNLESS OTHERWISE NOTED.



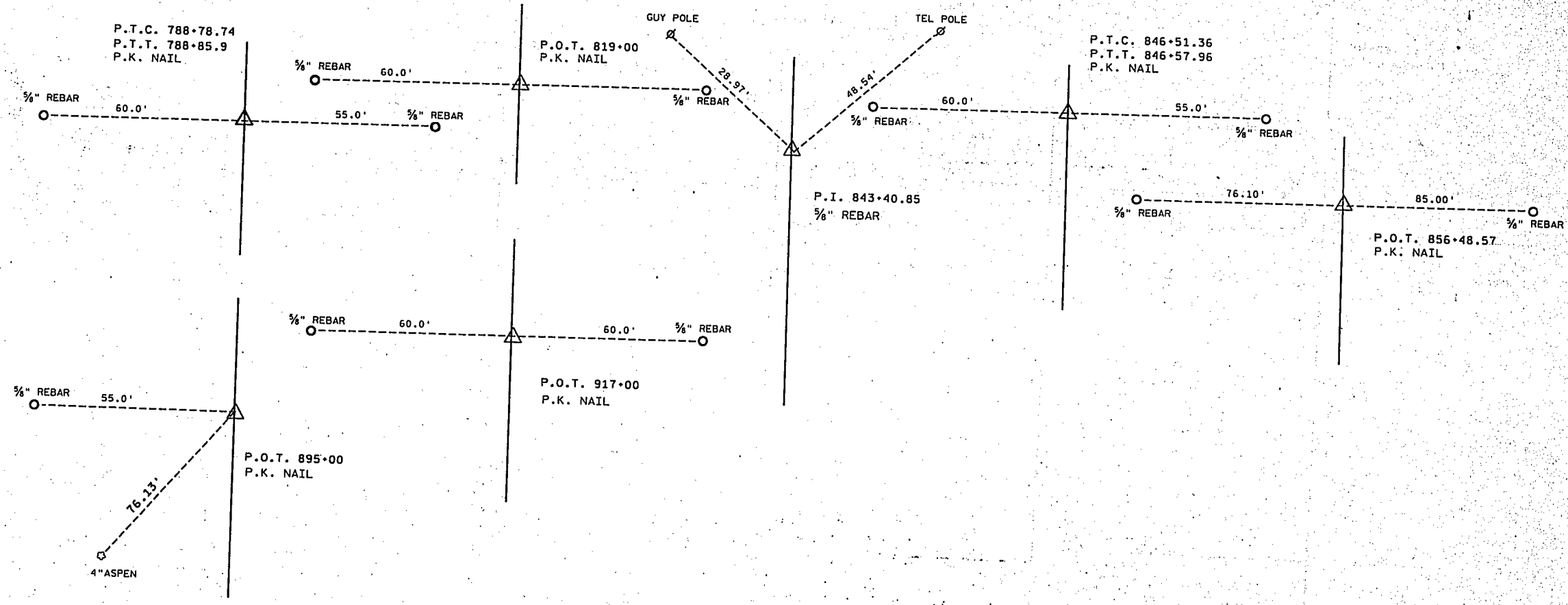
END PROJECT 8010-01-72
STA. 511+68.21



11. 1. 5. 04. - 1.2
6. 7. 10. 11. 12.
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.



LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 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



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