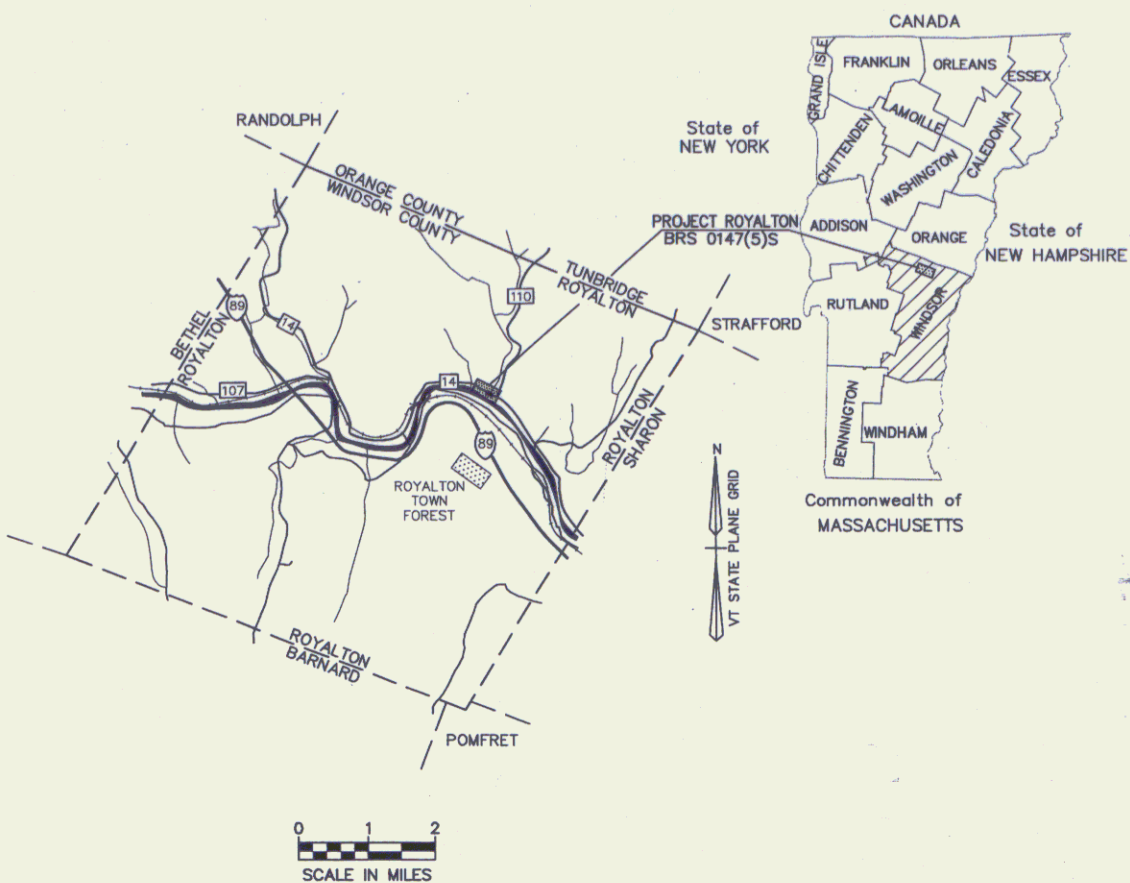


R.O.W. PLANS

STATE OF VERMONT
AGENCY OF TRANSPORTATION



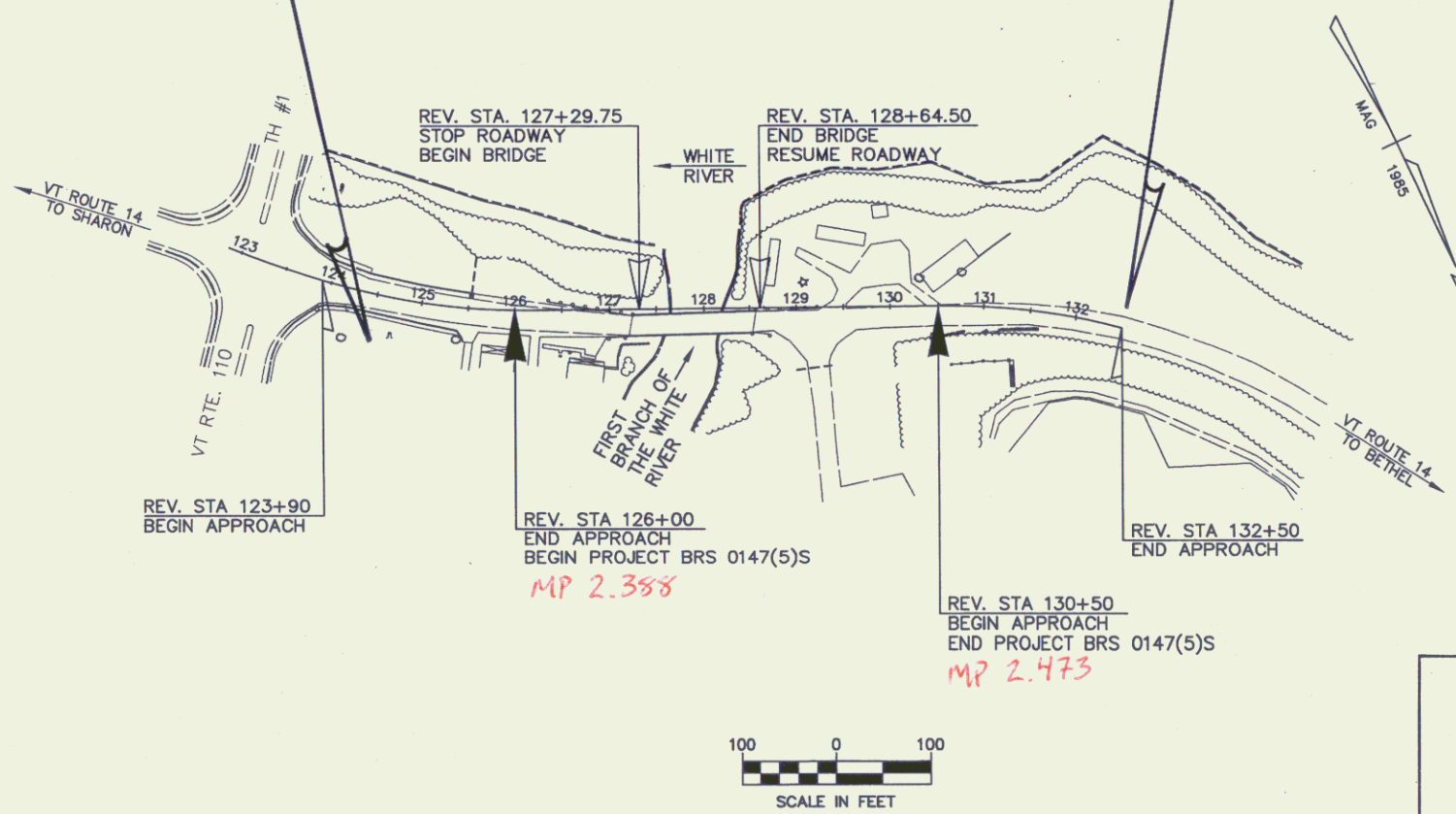
PROPOSED IMPROVEMENT
TOWN OF ROYALTON
COUNTY OF WINDSOR
VT ROUTE 14



BEGIN R.O.W. PROJECT
BRS 0147(5)S REV. STA. 124+50 25' RT.

BEGINNING AT A POINT IN THE TOWN OF ROYALTON, ON VT ROUTE 14
APPROXIMATELY 200' NORTH OF THE INTERSECTION OF VT ROUTE 110, AND
EXTENDING NORTHWESTERLY ALONG VT ROUTE 14 FOR A DISTANCE OF 0.085 MILES.
LENGTH OF ROADWAY = 315.25 FEET = 0.060 MILES
LENGTH OF BRIDGE = 134.75 FEET = 0.026 MILES
LENGTH OF PROJECT = 450.00 FEET = 0.085 MILES
LENGTH OF R.O.W. PROJECT = 800.00 FEET = 0.151 MILES
WORK TO BE PERFORMED UNDER THIS PROJECT CONSISTS OF THE REPLACEMENT
OF EXISTING BRIDGE #21, ON VT ROUTE 14, INCLUDING ALL NECESSARY ROADWAY
APPROACH WORK.

END R.O.W. PROJECT
BRS 0147(5)S STA. REV. 132+50 25' LT.



THE FOLLOWING RIGHT OF WAY PLAN SHEETS PERTAIN
DIRECTLY TO THE ACQUISITION OF LAND AND RIGHTS
NECESSARY TO CONSTRUCT THIS TRANSPORTATION
PROJECT. SHEETS REGARDING SPECIFIC CONSTRUCTION
DETAILS ARE NOT INCLUDED IN THIS RECORDED SET.

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING
CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY
ADMINISTRATION OR THE CHIEF ENGINEER.
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE
WITH THESE PLANS AND THE STANDARD SPECIFICATIONS
FOR CONSTRUCTION DATED 1990, AS APPROVED BY THE
FEDERAL HIGHWAY ADMINISTRATION ON MARCH 15, 1990
FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT
REVISIONS AND SUCH REVISED SPECIFICATIONS AND
SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE
PLANS.

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CONVENTIONAL SIGNS	
COUNTY LINE	---
TOWN LINE	---
LIMITS OF ACCESS	---
POINT OF ACCESS	X
FENCE LINE	---
STONE WALL	---
TRAVELED WAY	---
GUARDRAIL	---
RAILROAD	---
SURVEY LINE	---
CULVERT	---
POWER POLE	---
TELEPHONE POLE	---
TREES	---
CONTROL OF ACCESS	---
PROPERTY LINE	---
R.O.W. TAKING LINE	---
SLOPE RIGHTS	---
TOP OF CUT	---
TOE OF SLOPE	---

DATUM	
VERTICAL	NGVD 1929
HORIZONTAL	N/A

ALL DRIVES AS INDICATED ON PLANS
ARE SUBJECT TO PERMITS PURSUANT
TO TITLE 19 SECTION IIII, V.S.A.

APPROVED <i>[Signature]</i> DATE <i>6/5/98</i>
Director of Project Development
APPROVED <i>[Signature]</i> DATE <i>6/5/98</i>
Chief, Right of Way
ROYALTON BRS 0147(5)S R.O.W. SHEET 1 OF 14 SHEETS

TYPICAL SECTIONS

MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT (TOTAL DEPTH)	±1/4"
SUBBASE	±1/2"
SAND BORROW	±1"

1-1/4" BITUMINOUS CONCRETE PAVEMENT (TYPE III) } PG 58-34
1-3/4" BITUMINOUS CONCRETE PAVEMENT (TYPE II) }
2-1/2" BITUMINOUS CONCRETE PAVEMENT (TYPE I) }
18" SUBBASE OF CRUSHED GRAVEL (COARSE GRADED)(MODIFIED)
18" SAND BORROW

SEEDING FORMULA
URBAN AREAS

% WT.	LBS./A.	NAME	PUR %	GERM %
42.5	34.0	CREeping RED FESCUE	98	85
10.0	8.0	PERENNIAL RYE GRASS	95	90
42.5	34.0	KENTUCKY BLUE GRASS	85	85
5.0	4.0	ANNUAL RYE GRASS	95	85

100.00 80.0
SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS WEED SEED.

SEED: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.

FERTILIZER: FORMULA 10-20-10 TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).

AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE ENGINEER.

HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE ENGINEER.

TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

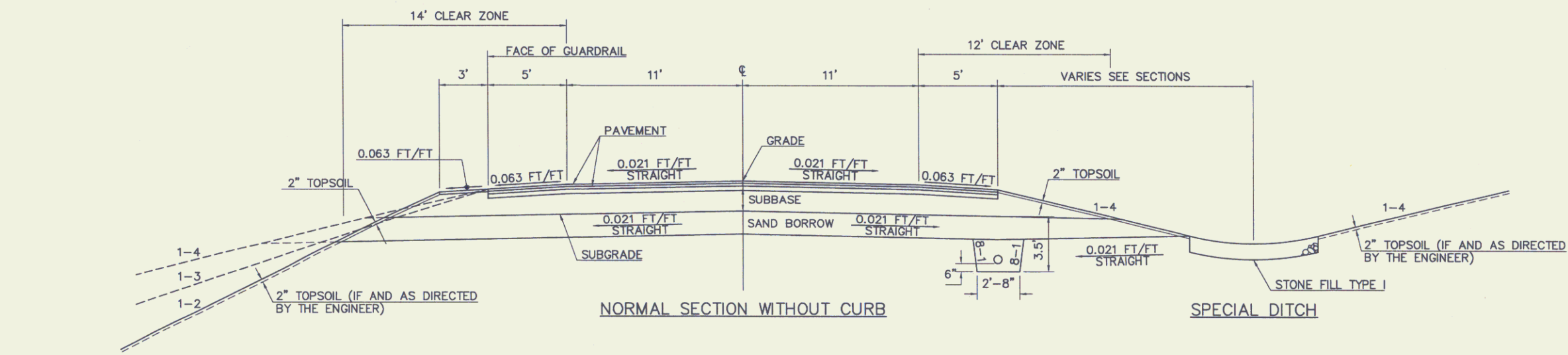
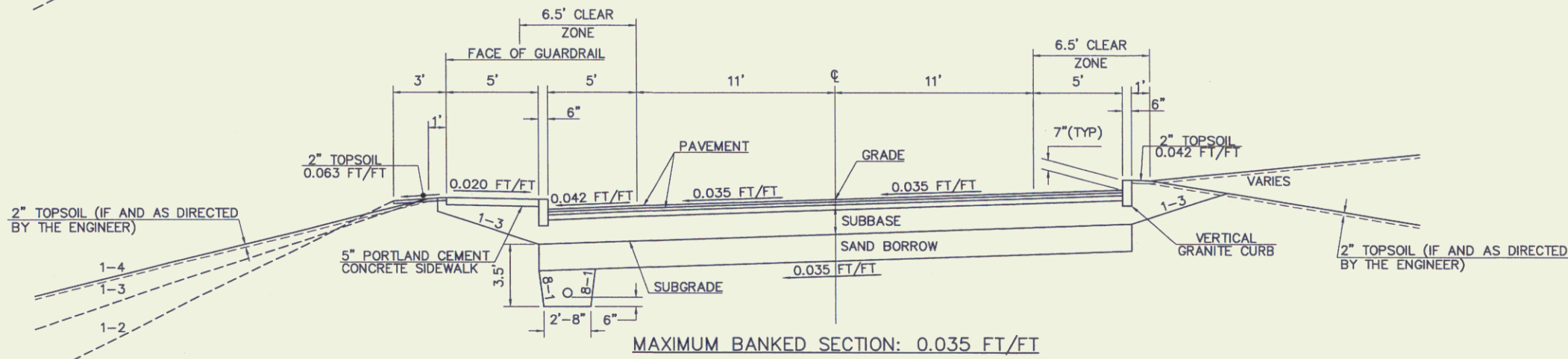
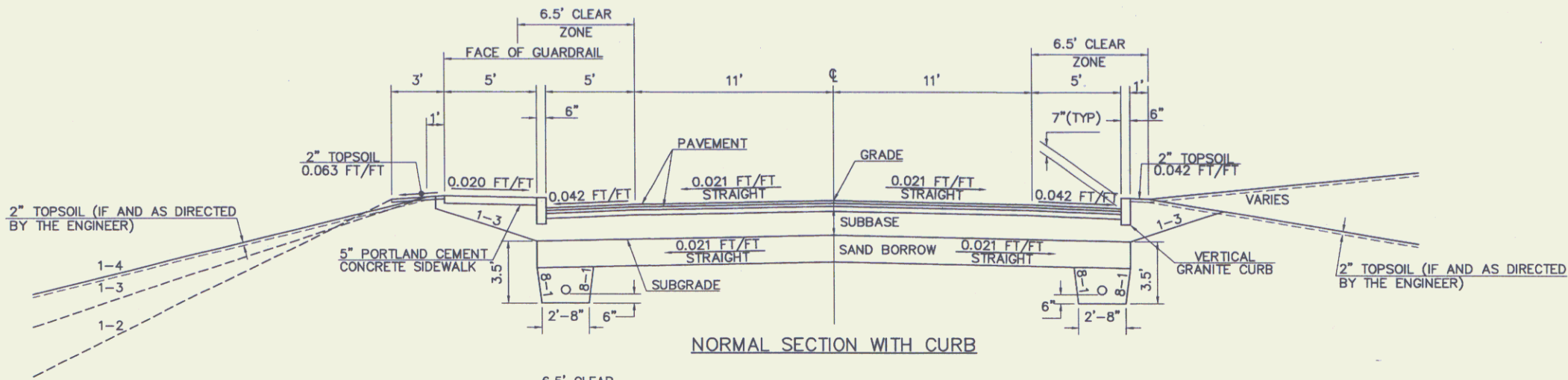
MARKER POSTS: TO BE PLACED AS INDICATED OR AS DIRECTED BY THE ENGINEER.

SLOPE ROUNDING: ALL CUT SLOPES TO BE ROUNDED IN ACCORDANCE WITH STANDARD SHEET B-5.

PAY LIMITS OF SAND BORROW: WHEN USED IN CONJUNCTION WITH UNDERDRAIN - SEE STANDARD SHEET D-2.

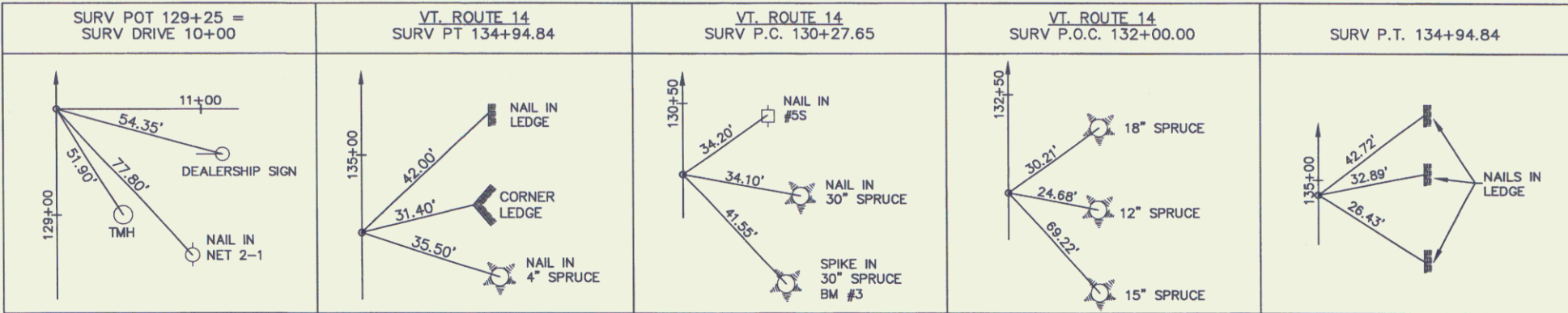
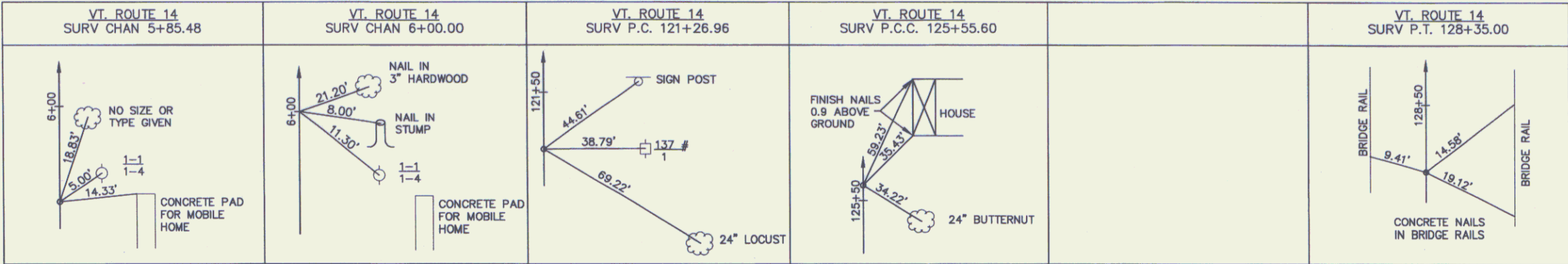
TACK COAT: EMULSIFIED ASPHALT IS TO BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.015 GAL/SY OR AS DIRECTED BY THE ENGINEER.

FOR SLOPES IN SOLID ROCK EXCAVATION AND DRILLING AND BLASTING OF SOLID ROCK SUBGRADE, SEE STANDARD SHEET A-62.

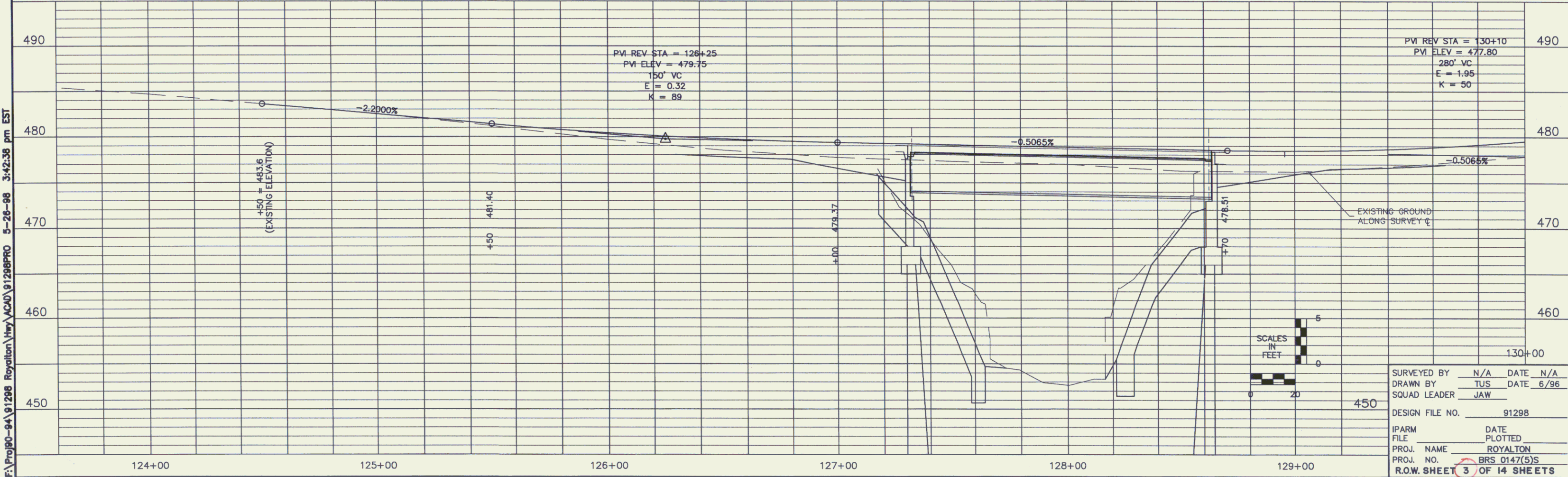


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DRAWN BY	TUS	DATE	12/96
SQUAD LEADER	JAW		
DESIGN FILE NO.	91298		
IPARM	DATE		
FILE	PLOTTED		
PROJ. NAME	ROYALTON		
PROJ. NO.	BRS 0147(5)S		
R.O.W. SHEET	2	OF 14 SHEETS	

SURVEY LINE TIES

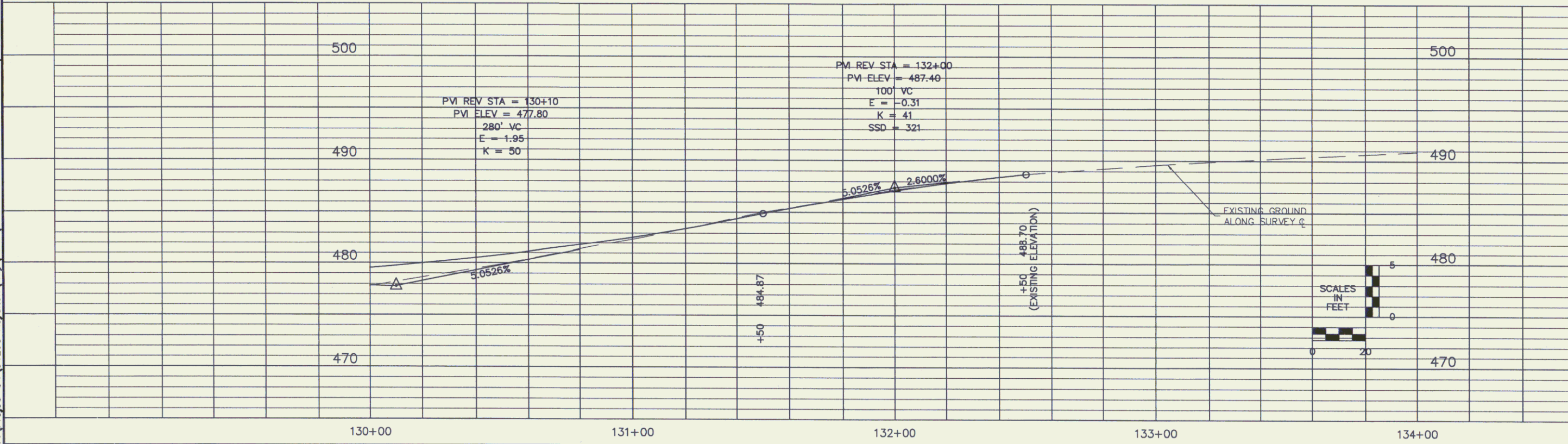


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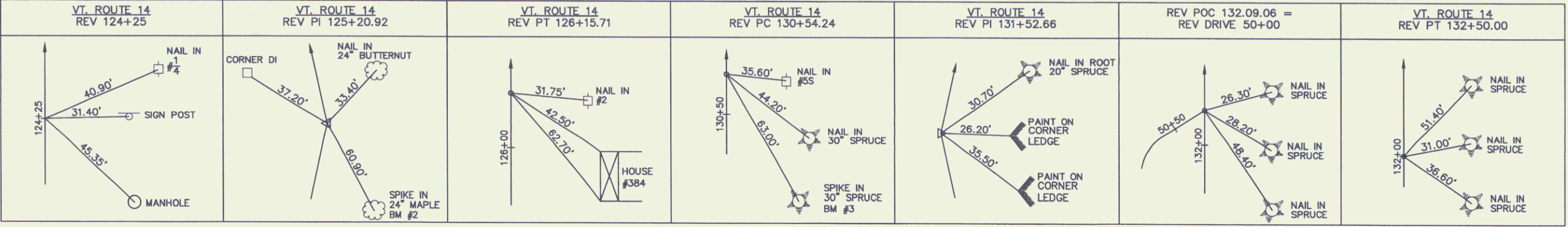
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PROJ. NO.	BRS 0147(5)S		
R.O.W. SHEET	4	OF 14 SHEETS	

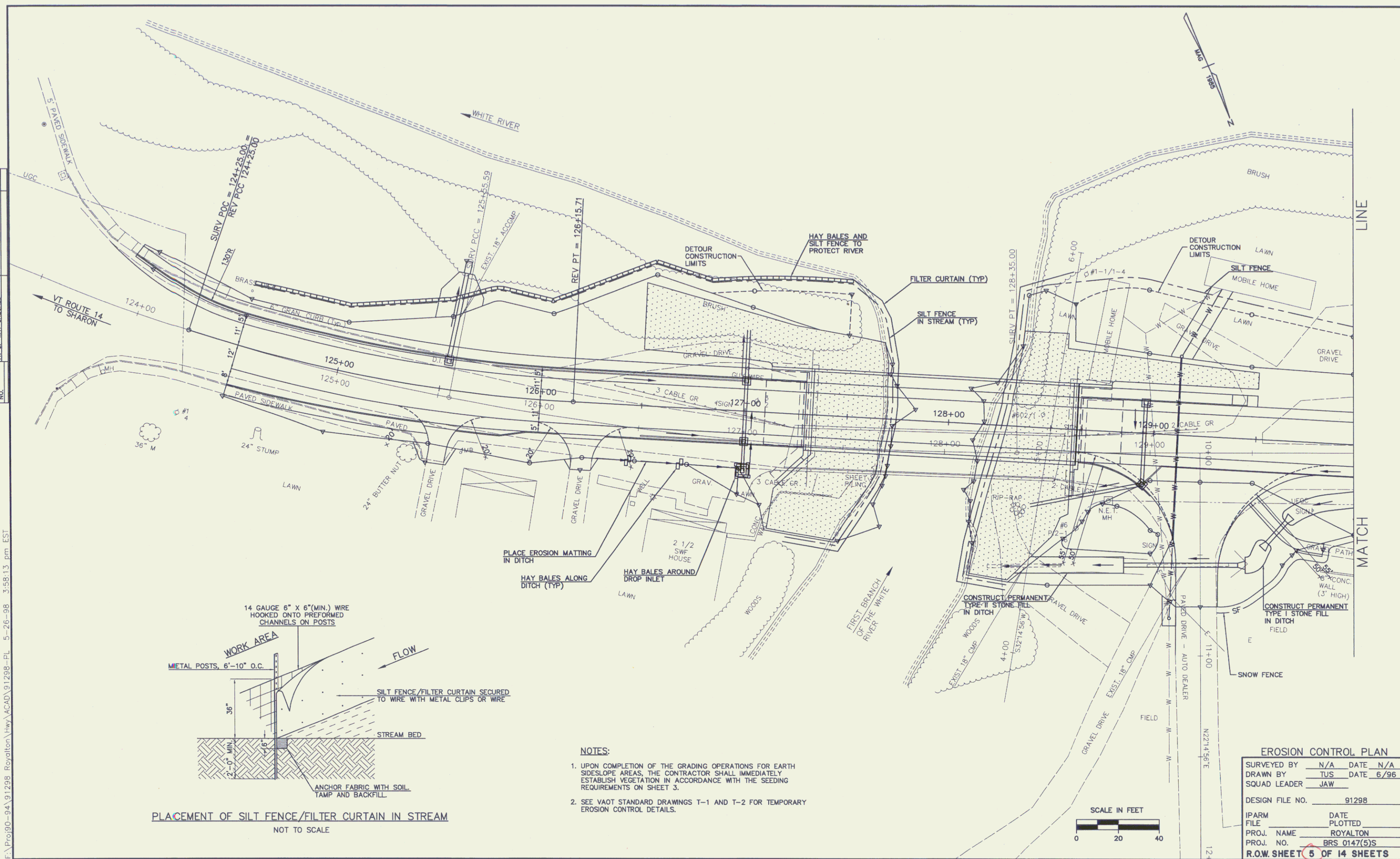
CONSTRUCTION LINE TIES



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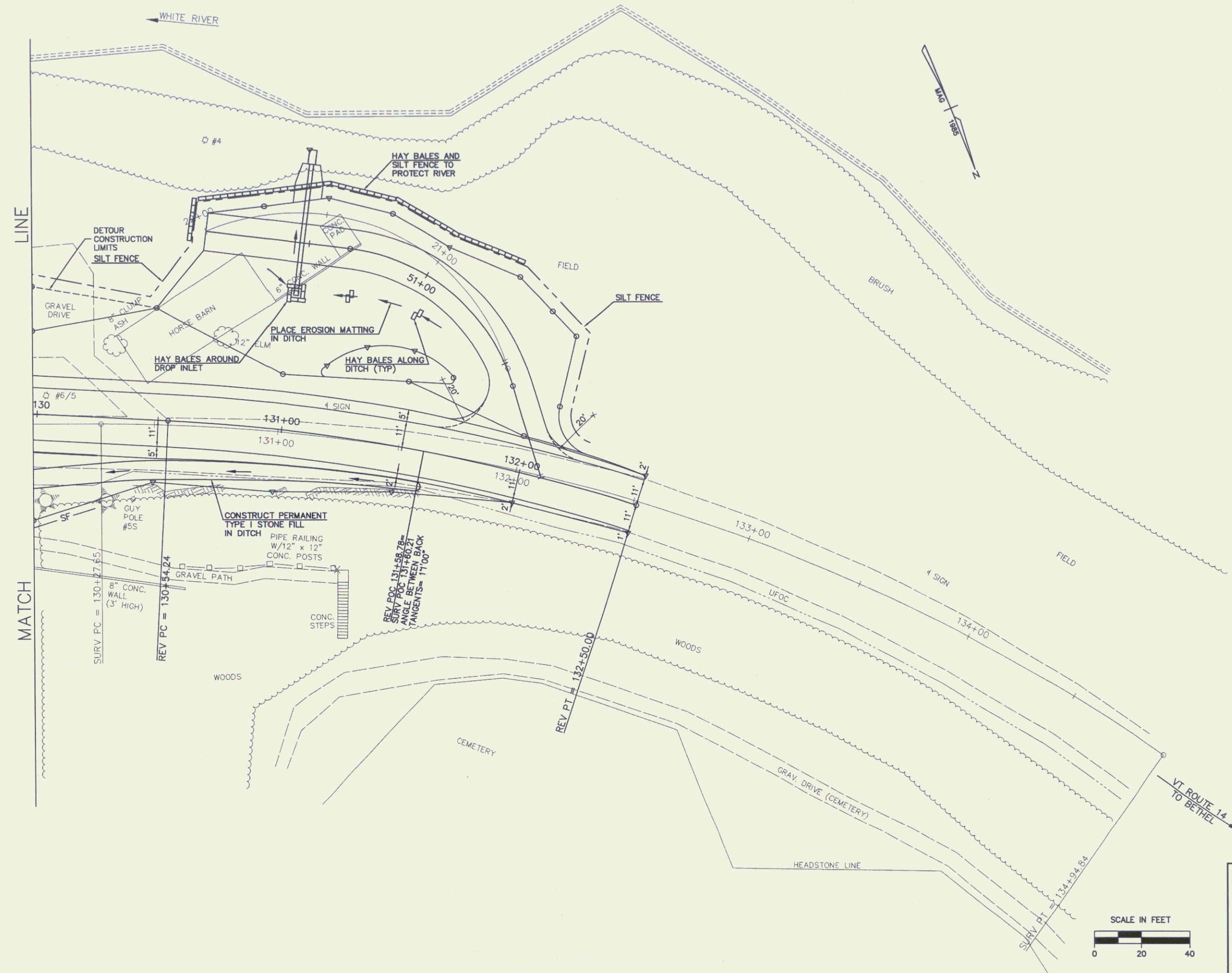
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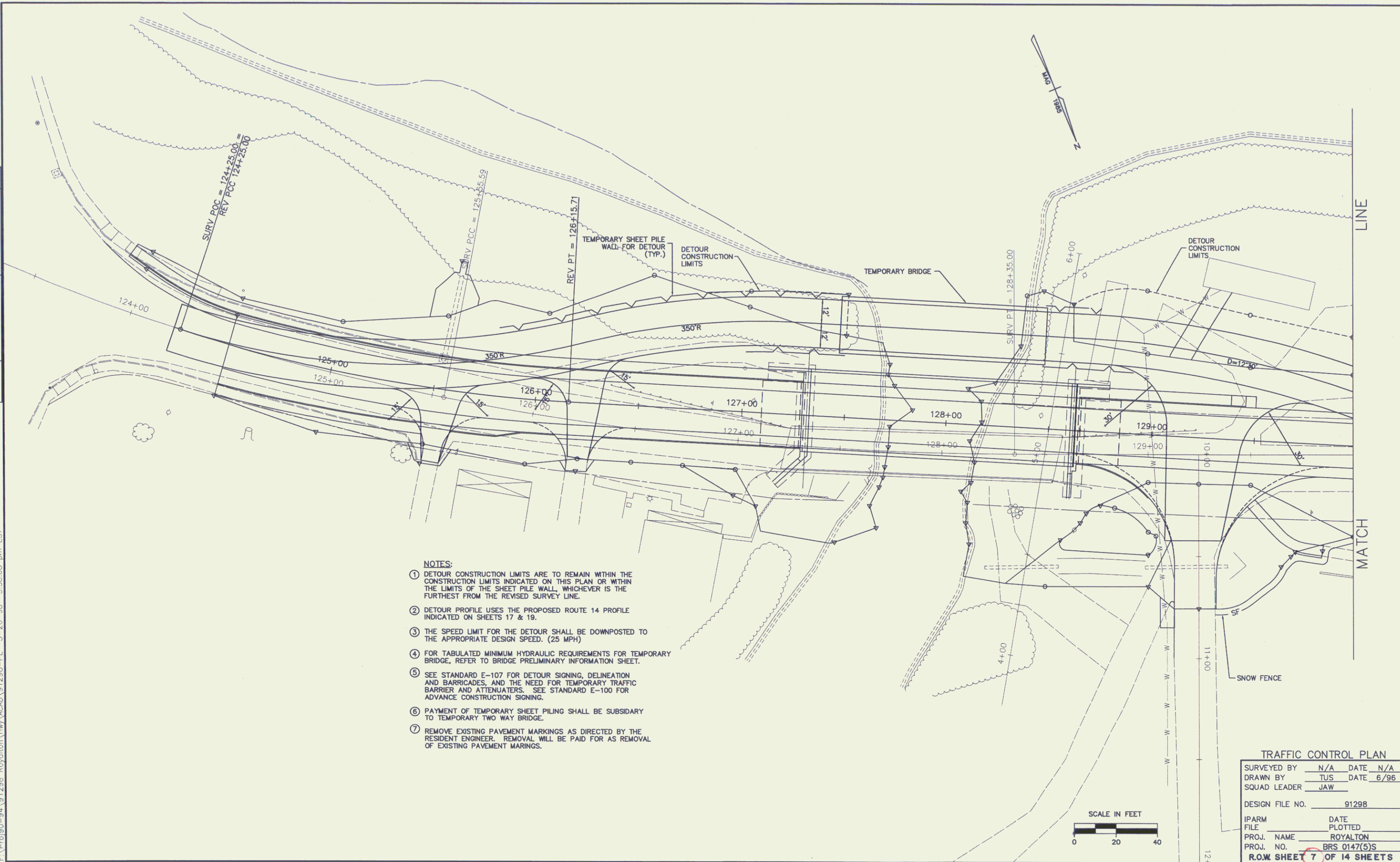


EROSION CONTROL PLAN	
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DRAWN BY	TUS DATE 6/96
SQUAD LEADER	JAW
DESIGN FILE NO.	91298
IPARM	DATE
FILE	PLOTTED
PROJ. NAME	ROYALTON
PROJ. NO.	BRS 0147(5)S
R.O.W. SHEET	6 OF 14 SHEETS

6

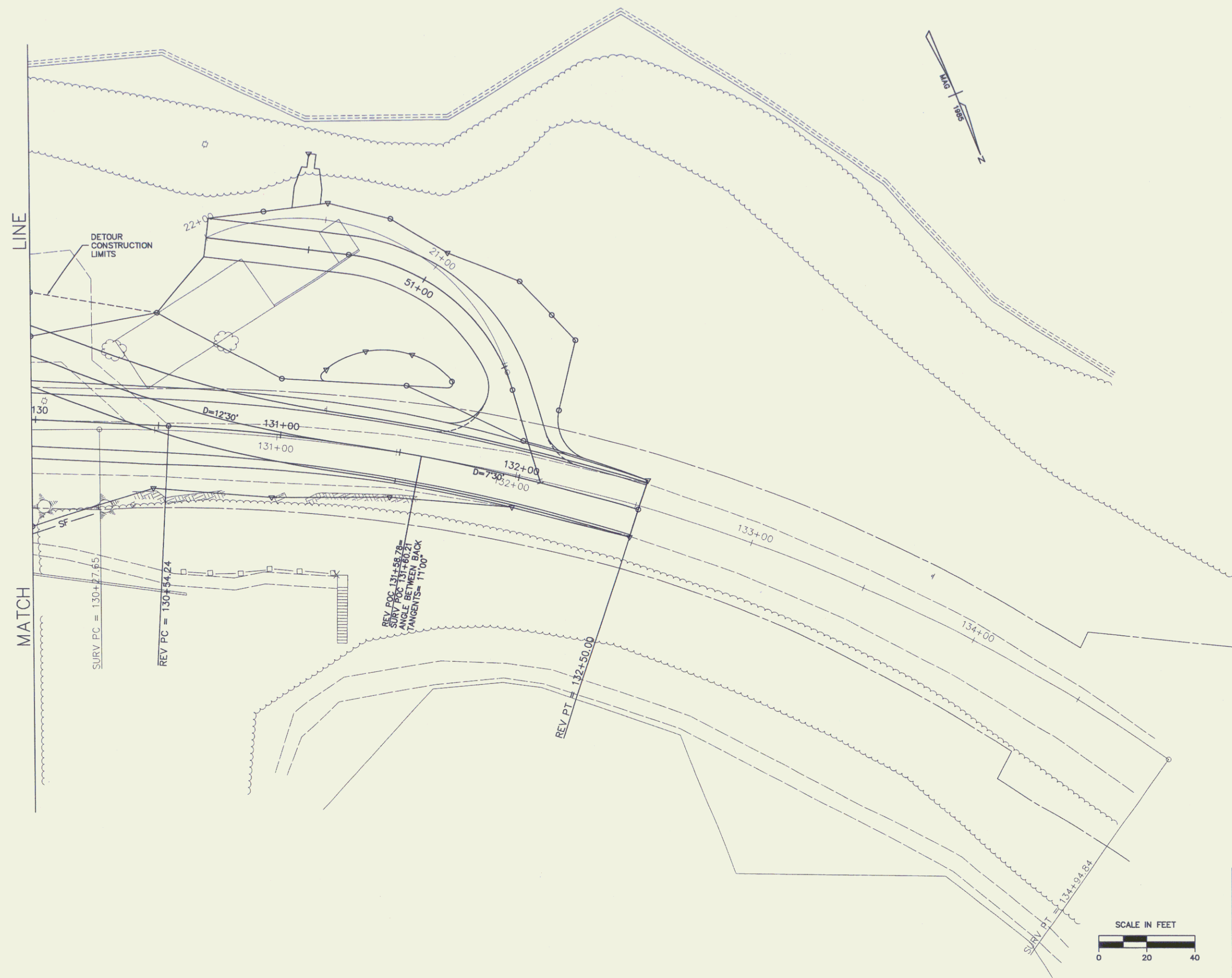
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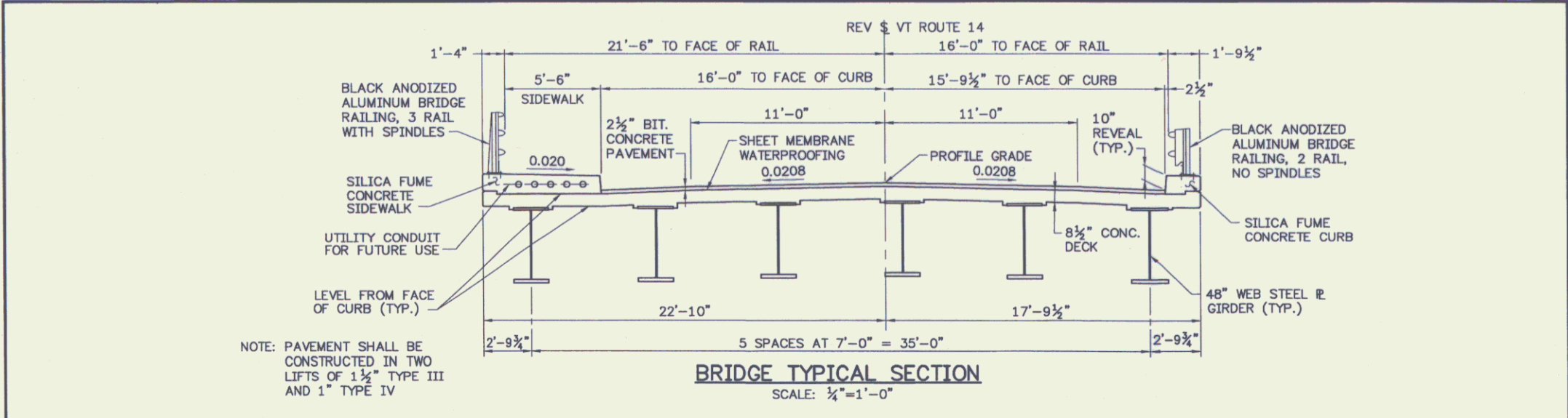
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GENERAL NOTES

- ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO STATE OF VERMONT, AGENCY OF TRANSPORTATION, 1990 STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, AND ITS LATEST REVISIONS, AND THE 1996 AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, AND ITS LATEST REVISIONS.
- DESIGN IS FOR HS25-44 LOADING WITH ALLOWANCE FOR FUTURE PAVING UNLESS OTHERWISE NOTED ON THE PLANS.
- ALL STRUCTURAL STEEL SHALL BE DETAILED AND FABRICATED USING PROCEDURES AND TOLERANCES IN ACCORDANCE WITH APPLICABLE PUBLICATIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC).
- WHEN NOT DETAILED ON THE PLANS, BEAMS SHALL BE CAMBERED FOR THE DEAD LOAD DEFLECTION PLUS ONE EIGHTH (1/8) INCH FOR EACH TEN FEET OF SPAN, OR FRACTION THEREOF. THE CAMBER SHALL APPROXIMATE A SIMPLE CIRCULAR CURVE FROM SUPPORT TO SUPPORT.
- ALL FIELD CONNECTIONS SHALL BE MADE WITH 7/8" DIAMETER, TYPE III BOLTS MEETING ASTM DESIGNATION A-325. HOLES SHALL BE 15/16" DIAMETER. CONNECTIONS NOT DESIGNATED SHALL BE DETAILED BY THE FABRICATOR AND SUBMITTED TO THE STATE FOR APPROVAL.
- ALL WELDING SHALL CONFORM WITH THE PROVISIONS OF SUBSECTION 506.10.
- AFTER SUPERSTRUCTURE STEEL HAS BEEN ERECTED, ELEVATIONS ALONG THE TOP OF BEAMS SHALL BE TAKEN AS DIRECTED BY THE ENGINEER FOR USE IN DETERMINING FINAL GRADE.
- ANY HOLES IN FASCIA BEAMS OR FASCIA GIRDER WEBS NOT OTHERWISE FILLED SHALL BE FILLED WITH BUTTON HEAD OR HEX HEAD BOLTS. SEE STANDARD SPECIFICATION SECTION 506.19 FOR BOLT TENSIONING REQUIREMENTS.
- ALL REINFORCING STEEL SHALL BE DETAILED AND FABRICATED USING PROCEDURES AND TOLERANCES IN ACCORDANCE WITH APPLICABLE PUBLICATIONS OF THE "CONCRETE REINFORCING STEEL INSTITUTE".
- MINIMUM COVER FOR REINFORCING STEEL SHALL BE TWO (2) INCHES ALONG BACK FACES OF WALLS AGAINST EARTH, AND THREE (3) INCHES ELSEWHERE. FOR BRIDGE DECK: 2 1/2" MIN. COVER FOR TOP REINFORCING, AND 1 1/2" MIN. COVER FOR BOTTOM REINFORCING.
- REINFORCING PLACEMENT TOLERANCES SHALL BE: SPACING +/- 1" CLEARANCE +/- 1/4"
- DRILLING AND GROUTING OF REINFORCING STEEL INTO EXISTING CONCRETE SHALL BE PAID FOR UNDER ITEM 507.16.
- DECK CONCRETE SHALL BE "CONCRETE, CLASS A". ALL OTHER CONCRETE SHALL BE "CONCRETE, CLASS B" UNLESS OTHERWISE DESIGNATED ON THE PLANS.
- ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1" BY 1".
- SURFACES OF BRIDGE SEATS UNDER BEARING DEVICES SHALL BE LEVEL. OTHER BRIDGE SEAT AREAS SHALL BE SLOPED 1/2" PER FOOT. ABUTMENT SEATS SHALL BE SLOPED FULL WIDTH TOWARD CENTER SPAN. PIER SEATS SHALL BE SLOPED EACH WAY FROM CENTER. THE ENTIRE BRIDGE SEAT SURFACE SHALL BE SMOOTH STEEL TROWEL FINISHED.
- FOR BRIDGE DECK POURS, THE MAXIMUM TIME LIMIT FOR ANY COMBINATION OF POURS DONE IN ONE DAY SHALL BE EIGHT HOURS. THERE SHALL BE A MINIMUM DELAY OF NINETY SIX HOURS BETWEEN THE COMPLETION OF ONE DAY'S POUR AND THE BEGINNING OF ANY OTHER POUR.
- WATER REPELLENT SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES EXCEPT THE UNDERSIDE OF DECK BETWEEN DRIP BEADS.
- THE FOLLOWING TABLE OF ALLOWABLE STRESSES AND WEIGHTS APPLY TO THESE PLANS FOR DESIGN PURPOSES:

CONCRETE:	f _c	=	3500 PSI
	f _c	=	1400 PSI
STRUCTURAL STEEL:			
M270 - Grade 50	F _a =F _b	=	27,000 PSI
	F _v	=	17,000 PSI
M270 - Grade 36	F _a =F _b	=	20,000 PSI
	F _v	=	12,000 PSI
REINFORCING STEEL:			
Grade 60	f _s	=	24,000 PSI
	f _s	=	20,000 PSI
SOIL: UNIT WEIGHT		=	140 PCF
- ALL DIMENSIONS ARE HORIZONTAL OR VERTICAL, AND ARE GIVEN AT 68 DEGREES F.
- FILL IN AREAS THROUGH WHICH PILES ARE TO BE DRIVEN SHALL HAVE A MAXIMUM STONE SIZE OF NINE (9) INCHES.
- TRAFFIC SHALL BE ALLOWED ON THE NEW BRIDGE ONLY AFTER THE SPECIFIED CURE PERIOD HAS EXPIRED AND DESIGN STRENGTH HAS BEEN ATTAINED.
- JOINTS AND SCORE MARKS IN CONCRETE SHALL BE CONSTRUCTED AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- THE KEY IN CONCRETE CONSTRUCTION JOINTS SHALL BE MONOLITHIC AND CONTINUOUS FOR THE FULL LENGTH OF THE JOINT.
- IN STREAM CONSTRUCTION SHALL BE PERFORMED BETWEEN JUNE 1 AND OCTOBER 1, UNLESS THE CONTRACTOR OBTAINS PERMISSION FROM THE AGENCY OF NATURAL RESOURCES TO DO THE WORK OUTSIDE OF THAT TIME FRAME.
- THE PAINTING OF THE NEW STEEL WILL BE PAID FOR UNDER THE ITEM 513.25 "STRUCTURAL PAINTING, SHOP APPLIED." SEE SPECIAL PROVISIONS FOR THE SPECIFICATIONS PERTAINING TO THE PAINTING OF STRUCTURAL STEEL.
- THE FASCIA OVERHANG BRACKETS SHALL BE SPACED AT A MAXIMUM OF FOUR (4) FEET.
- TEN CUBIC YARDS OF STONE FILL TYPE IV HAS BEEN INCLUDED IN THE PROJECT FOR CONSTRUCTION OF A FISH HABITAT BOULDER CLUSTER. THIS CLUSTER SHALL BE LOCATED IN A HIGH VELOCITY PORTION OF THE STREAM A MINIMUM OF 30 FEET DOWNSTREAM OF THE NEW BRIDGE. FINAL LOCATION OF BOULDERS TO BE AS DIRECTED BY THE ENGINEER, BASED ON THE RECOMMENDATIONS OF THE DISTRICT FISHERIES BIOLOGIST AND/OR THE AGENCY OF NATURAL RESOURCES STREAM ALTERATION ENGINEER. CLUSTER SHALL CONSIST OF THREE BOULDERS, EACH 5 FOOT TO 6 FOOT IN DIAMETER, SPACED AT 10 FEET TO 15 FEET AND BURIED 1/3 DIAMETER BELOW STREAMBED.
- ALL NEW PERMANENT FILL SLOPES WITHIN 50 FT OF THE TOP OF BANK OF THE WHITE RIVER SHALL BE REVEGETATED WITH BOTH GRUBBING MATERIAL AND PLANTING OF NATIVE RIPARIAN TREE AND BRUSH SPECIES. A COMPLETE REVEGETATION PLAN AND SCHEDULE SHALL BE DEVELOPED FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

HYDRAULIC DATA

DRAINAGE AREA 103 SQ.MI.
CHARACTER OF TERRAIN MOUNTAINOUS, MODERATE RELIEF
CHARACTER AND TYPE OF STREAM SMALL PERENNIAL BUT FLASHY
NATURE OF STREAMBED SHALLOW SANDS AND SILTS AND SOME GRAVEL OVER BEDROCK
Q 2.33 3200 CFS Q 50 11000 CFS
Q 10 6800 CFS Q 100 15000 CFS
Q 25 8100 CFS Q 500 14200 CFS
DATE OF FLOOD OF RECORD 1927 WATER SURFACE ELEVATION * ESTIMATED DISCHARGE *
NATURAL STREAM VELOCITY @ Q 10 = 6.9 fps (approach section) ICE CONDITIONS MODERATE DEBRIS MODERATE
DOES THE STREAM REACH MAX. HIGHWATER ELEVATION RAPIDLY? YES IS ORDINARY RISE RAPID? YES
IS STAGE AFFECTED BY UPSTREAM OR DOWNSTREAM CONDITIONS? YES
IF YES, DESCRIBE: CONFLUENCE WITH THE WHITE RIVER APPROXIMATELY 50 FT FROM DOWNSTREAM FACE OF PROPOSED STRUCTURE
WATERSHED STORAGE 28 HEADWATERS X UNIFORM THROUGHOUT WATERSHED IMMEDIATELY ABOVE SITE

EXISTING STRUCTURE
1. STRUCTURE TYPE: 3-SPAN REINFORCED CONCRETE T-BEAM YEAR BUILT: 1928
2. SPAN NORMAL TO STREAM: 32'-56'-32'
3. VERTICAL CLEARANCE ABOVE STREAMBED: 18.2' +/- 141.0 SF
4. WATERWAY AREA OF FULL OPENING (NORMAL TO STREAM):
5. DISPOSITION OF STRUCTURE: SUPERSTRUCTURE AND PORTIONS OF SUBSTRUCTURE TO BE REMOVED
6. TYPE OF SUBSTRUCTURE FOUNDATION MATERIAL: SPREAD FOOTINGS ON SANDY SILT AND/OR LEDGE
7. WATER SURFACE ELEVATION @ Q 2.33 462.6 @ APPROACH AREA VELOCITY= 5.4 fps
Q 10 468.4 (466.8) = 7.6 fps (6.8 fps)
Q 25 468.4 = 7.7 fps
Q 50 469.6 (472.0) = 8.3 fps (6.6 fps)
Q 100 476.0 (474.9) = 9.4 fps (6.7 fps)
8. LONG TERM STREAM BED CHANGES: NARROW FLOOD PLAIN: ALLUVIAL
9. IS THE ROADWAY OVERTOPPED BELOW THE Q100? NO FREQUENCY: **
10. RELIEF ELEVATION: ** DISCHARGE OVER ROAD @ Q100:
11. UPSTREAM STRUCTURE: TH 12 STR. NO. 27 DISTANCE 1.5 MILES
SPAN: 180' CLEAR HEIGHT: 10'
12. DOWNSTREAM STRUCTURE: N/A STR. NO. N/A DISTANCE
SPAN: N/A CLEAR HEIGHT:

PROPOSED STRUCTURE

STRUCTURE GEOMETRY:
1. WATERWAY TYPE: REINFORCED CONCRETE SLAB OVER STEEL PLATE GIRDER
2. CLEAR SPAN LENGTH(S) NORMAL TO STREAM: 128'
3. VERTICAL CLEARANCE ABOVE STREAMBED: 18.8'
4. ARE PROVISIONS TO BE MADE FOR PUBLIC UTILITIES? YES, CONDUIT IN SIDEWALK FOR FUTURE USE

HYDRAULIC DATA:
1. WATERWAY AREA OF FULL OPENING (NORMAL TO STREAM): 1700 SF
2. WATER SURFACE ELEVATION @ Q 2.33 462.6 @ APPROACH AREA VELOCITY= 5.6 fps
Q 10 468.4 (466.8) = 7.6 fps (7.3 fps)
Q 25 468.4 = 7.7 fps
Q 50 469.6 (472.0) = 8.3 fps (6.6 fps)
Q 100 476.0 (474.9) = 9.4 fps (6.7 fps)
3. IS THE ROADWAY OVERTOPPED BELOW THE Q100? NO FREQUENCY: N/A
4. RELIEF ELEVATION: N/A DISCHARGE OVER ROAD @ Q100: N/A
5. AVERAGE LOW ELEVATION OF SUPERSTRUCTURE: 472.8' (LIMITED BY LOW STEEL)
6. VERTICAL CLEARANCE @ Q100: 1.74 FT (-3.2 FT)
7. SCOUR: PRESENCE OF BEDROCK LIMITS TOTAL SCOUR TO 10 FEET
8. REQUIRED CHANNEL PROTECTION: STONE FILL, TYPE IV

ALLOWABLE STRESSES:
1. DESIGN LIVE LOAD AASHTO HS25
2. ALLOWABLE LOAD FOR SPREAD FOOTINGS ON SOIL TYPE HP ON LEDGE ESTIMATED LENGTH 21'±
3. ALLOWABLE LOAD FOR PILING 9000 PSI TYPE HP ON LEDGE ESTIMATED LENGTH 21'±
4. ALLOWABLE STRESS FOR STRUCTURAL STEEL AASHTO M 270 GR50 PAINTED TENSION 27 KSI
5. ALLOWABLE STRESS FOR REINFORCING STEEL GRADE 60 TENSION 24000 PSI COMPRESSION 20000 PSI
6. ALLOWABLE STRESS FOR CONCRETE CLASS A f_c 4000 PSI f_c 1400 PSI
CLASS B f_c 3500 PSI f_c 1400 PSI
SILICA FUME f_c 5000 PSI f_c 2000 PSI

TRAFFIC MAINTENANCE:
1. IS TRAFFIC TO BE MAINTAINED? YES IF YES, ON EXISTING STRUCTURE OR ON TEMPORARY BRIDGE X
2. TEMPORARY BRIDGE REQUIREMENTS: ONE OR TWO WAY TWO WAY TRAFFIC CONTROL SIGNALS REQUIRED NO
MINIMUM CLEAR SPAN 95' MINIMUM CLEAR HEIGHT 14.00' MINIMUM WATERWAY AREA 1000 SF
ARE SIDEWALKS REQUIRED? NO IF SO, ON WHAT SIDE?
PERMIT INFORMATION:
AVERAGE DAILY FLOW: 212 cfs ORDINARY LOW WATER: 95 cfs DEPTH: 2 ft
ORDINARY HIGH WATER: 1373 cfs DEPTH: 6 ft
NOTES:
FOR WATER SURFACE ELEVATION AND VELOCITY DATA, THE FIRST NUMBER SHOWN IS THE LOW FLOW ON THE WHITE RIVER CASE. THE SECOND NUMBER (IN PARENTHESES) IS FOR THE HIGH FLOW ON THE WHITE RIVER CASE.

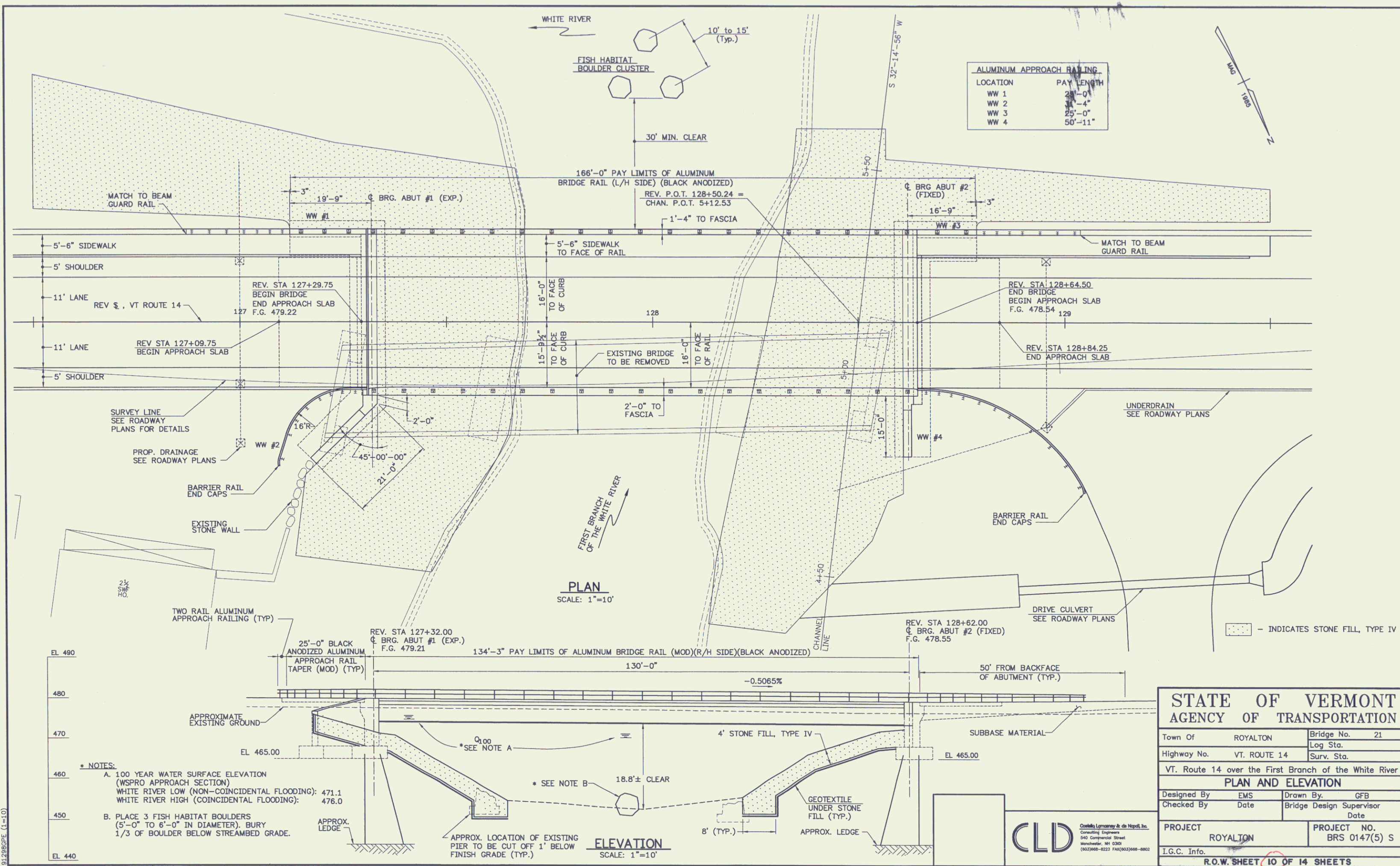
ADDITIONAL DESIGN CONSIDERATIONS

- WATER SURFACE ELEVATION FOR FLOOD OF RECORD IS UNKNOWN. PLANS FOR EXISTING BRIDGE INDICATE A "HIGH WATER ELEVATION" OF APPROXIMATELY 471, WHICH PROBABLY REPRESENTS THE 1925 FLOOD (LESSER EVENT THAN THE 1927 FLOOD.)
- FOR HIGH FLOW ON THE WHITE RIVER CASE (COINCIDENT FLOODS), OVERTOPPING OCCURS OF THE EXISTING STRUCTURE FOR THE 100 YEAR EVENT. THE WATER SURFACE ELEVATION IS 477.04 WITH 74 SF OF ROADWAY WEIR FLOW AT A MAXIMUM DEPTH OF 10 INCHES.
- CONFLUENCE WITH WHITE RIVER IS IMMEDIATELY DOWNSTREAM OF BRIDGE.

LOAD RATING (TONS) (LOAD FACTOR)		STATE OF VERMONT	
RATING LEVEL	H HS 352 6 AXLE 3A STR 4A STR 5A SEM	AGENCY OF TRANSPORTATION	
INVENTORY		Town Of ROYALTON	Bridge No. 21
POSTED		Log Sta.	
OPERATING		Highway No. VT. Route 14	Surv. Sta.
REVISIONS		VT. Route 14 over the First Branch of the White River	
NO.	DESCRIPTION	PRELIMINARY INFORMATION	
		Designed By E. M. STUMPH	Drawn By G. F. BONIN
		Checked By Date	Bridge Design Supervisor Date
PROJECT ROYALTON		PROJECT NO. BRS 0147(5) S	
I.G.C. Info.		R.O.W. SHEET 9 OF 14 SHEETS	



91298PI (1-1) 91298



STATE OF VERMONT
AGENCY OF TRANSPORTATION
RIGHT OF WAY PLANS
DETAIL SHEET

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS	REVISION NO.	SHEET	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
1A	CRAWFORD, LILLIAN D.	13	REV. 124+50 RT. REV. 125+53 RT.	REV. 125+32 RT.			SLOPE DRIVE (T) 205 SF± (T)	WD	07-11-01	ROYALTON	67	6-8	16' GRAVEL MM 0235	1	12,13	PARCEL NO. 3 CRAWFORD'S AUTOLAND. MOVE TAKE LINE 15' DOWN STA. CHANGE BEGINNING STA. OF CULVERT (P) FROM REV. 129+13 RT. TO REV. 128+99 RT. CHANGE ENDING STA. OF TAKE FROM 129+15 RT. TO 129+00 RT.; 3300 SF± CHANGE PLANS ACCORDINGLY. REMOVE DRIVE (T) AT STA. DRIVE 10+30 RT. PER C.O. 9002.	10-28-98	R. M. W.	L. W. B.
1B		13,14	REV. 128+22 LT. REV. 128+22 LT. REV. 128+94 LT. REV. 128+89 LT. REV. 128+84 LT. REV. 129+50 LT. REV. 128+85 LT. REV. 130+31 LT. REV. 130+63 LT. REV. 131+00 LT. REV. 132+10 LT. REV. 129+00 LT. REV. 129+13 LT.	REV. 132+50 LT. REV. 129+05 LT. REV. 129+30 LT. REV. 132+15 LT. REV. 129+50 LT. REV. 130+93 LT. REV. 130+50 LT. REV. 131+20 LT. REV. 130+68 LT. REV. 130+65 LT.	3480 S.F.±		ALL R. T. & I. ALL R. T. & I. CONST. (T) 2900 SF± SLOPE (P) 845 SF± SLOPE (T) 1675 SF± DETOUR (T) 3375 SF± ALL R. T. & I. (P) INSTALL CULVERT DITCH (T) DRIVE (T) REMOVE & RESET EASE. (T)	WD	07-11-01	RANDOLPH	67	6-8	TRAILER & APPURTENANCES WATERLINE EROSION CONTROL FENCE BARN CONC. WALL & SLAB GUY WIRE 16' PAVED MM 0251 TREE INSTALL WATERLINE	2	11,13	PARCEL NO. 2 CRAWFORD. CHANGE TITLE TO HERBERT C. CRAWFORD. PER C.O. 8999.	10-29-98	R. M. W.	L. W. B.
1C		13,14	REV. 128+16 RT.	REV. 132+50 LT.	0.25 A±		ALL R. T. & I.	WD	07-11-01	RANDOLPH	67	6-8	VT RTE. 14 HWY EASEMENT	3	11,13	PARCEL NO. 1 CRAWFORD. CHANGE PARCEL 1C ENDING STA. ON DETAIL SHEET FROM REV. 132+00 LT. TO REV. 132+50 LT. CHANGE TAKE FLAG ON LAYOUT FROM REV. 128+24 LT. TO REV. 128+84 LT. PER C.O. 9008.	11-02-98	R. M. W.	L. W. B.
1D		13	REV. 128+38 LT.	REV. 128+98 LT.	3925 S.F.±			WD	07-11-01	RANDOLPH	67	6-8	MITIGATION SITE	4	11	PARCEL NO. 1 CRAWFORD. ADD DRIVE (T) TO DETAIL SHEET FOR BEG. STA. 132+10 LT. PER C.O. 9026.	03-22-99	R. M. W.	L. W. B.
2	CRAWFORD, HERBERT C.	13	REV. 126+94 RT. REV. 127+05 RT. REV. 127+11 RT. REV. 127+11 RT. REV. 126+21 RT.	REV. 127+09 RT. REV. 127+50 RT. REV. 127+16 RT. REV. 127+46 RT.			SLOPE CHANNEL (T) 35 SF± ALL R. T. & I. (P) 545 SF± INSTALL DRIVE (T)	WDOE	07-12-01	ROYALTON	67	1-3	STONEWALL EROSION CONTROL ELEMENTS 16' GRAVEL MM 0240	5	11	PARCEL NO. 1 CRAWFORD. CHANGE PARCEL 1A STA. REV. 123+53 RT. TO REV. 125+53 RT. PER C.O. 9070.	09-02-99	B. A. H.	R. B. J.
														6	12	PARCEL NO. 7 HELICON. ADD NEW PARCEL NO. 7 THE HELICON GROUP, L.P. REMARKS UTILITY. PER C.O. 9071.	09-02-99	B. A. H.	L. W. B.
														7	13	PARCEL NO. 1 CRAWFORD. ADD TOPO FOR A 24' MAPLE WHICH IS ALSO BENCH MARK NO. 2. ADD THE NOTE 'SAVE DO NOT TRIM' TO THIS MAPLE. PER C.O. 9076.	10-11-99	M. J. R.	L. W. B.
														8	1, 11,13	PARCEL NO. 1 CRAWFORD. MOVE BEGINNING R.O.W. PROJECT TO REV. 124+50 25' RT.; CHANGE LENGTH OF PROJECT TO 800.00' (0.151 MILES); CHANGE RUNNING DISTANCE ALONG EXISTING R.O.W. TO 313'. PER C.O. 9107	3-22-00	R. B. K.	R. P. D.

ACCT. M.Ryan
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DATE PLOTTED 05-SEP-2001
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DR. (P)- DRAINAGE RIGHT
DIT. (P)- DITCHING RIGHT
CH. (P)- CHANNEL RT.
DRIVE (T)- DRIVE RIGHT
CUL. (P)- CULVERT RIGHT
[X]- WATER SOURCES

PRESENT R.O.W.
TAKING WITHOUT ACCESS
TAKING WITHOUT ACCESS ALONG PROPERTY LINE
TAKING WITH ACCESS
PERMANENT EASEMENT
TEMPORARY EASEMENT

LEGEND
CZ (P) CLEAR ZONE
CONST. (T) CONSTRUCTION EASEMENT
SR SLOPE RIGHTS
P PROPERTY LINE
L TOP OF CUT
TOP OF SLOPE

R.O.W. PLANS
ROYALTON
BRS 0147(5) S
R.O.W. SHEET 1 OF 14 SHEETS
SHEET 10 OF 76

APPROVED: LAWRENCE BLISS DATE: 08-16-98
AGENT D. PLANS & TITLES

TABLE OF PROJECT PROPERTY ACQUISITION

STATE OF VERMONT
AGENCY OF TRANSPORTATION
RIGHT OF WAY PLANS
DETAIL SHEET

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS	REVISION NO.	SHEET	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
3A	HERB CRAWFORD'S AUTOLAND, INC.	13	REV. 128+12 RT. REV. 128+10 RT. REV. 128+94 LT. REV. 128+99 RT. REV. 129+00 RT. REV. 129+23 RT. REV. 129+49 RT. REV. 129+54 RT. REV. 129+64 RT. REV. 129+52 RT. REV. 129+13 RT.	REV. 129+00 RT. REV. 129+83 RT. REV. 129+11 RT. REV. 129+49 RT. REV. 129+60 RT. REV. 129+70 RT. REV. 129+75 RT. REV. 129+80 RT.	3300 SF±		CONST. EASE. (T) 1740 SF± ALL R. T. & I. CULVERT (P) REMOVE & RESET (T) DRIVE (T) DIT. & DRAINAGE (P) CULVERT (P) DITCH (P) WALK (T) EASE. (T)	WD	07-11-01	ROYALTON	47	4-5	WATER LINE SIGN 20.5' PAVED MM 0245 INSTALL WATER LINE	9	11,13	PARCEL NO. 2 CRAWFORD. DELETE CLEAR & TRIM (P) FROM PARCEL ON DETAIL & LAYOUT SHEETS; ADD DRIVE(T) TO LAYOUT AND ADJUST DETAIL SHEET TO SHOW DRIVE RT.(T); CHANGE SLOPE (T) STATION FROM 127+01 RT. TO 126+94 RT.(CHANGE AREA TO 35 SF±); CHANGE CHANNEL (P) STATION FROM 127+07 TO 127+05 AND CHANGE AREA TO 545 SF±. PER C.O. 9108	3-22-00	R.B.K.	R.P.D.
3B		13	REV. 128+12 RT.	REV. 129.75 RT.	4000 SF±		ALL R. T. & I.	WD	07-11-01	ROYALTON	47	4-5	VT RTE. 14 HWY EASEMENT	10	11,13	PARCEL NO. 1A CRAWFORD. DELETE CLEAR & TRIM (P); ADD SLOPE (T) TO LAYOUT AND DETAIL SHEET WITH AREA OF 205 SF±. PER C.O. 9109.	3-22-00	R.B.K.	R.P.D.
4	TOWN OF ROYALTON	13,14	REV. 129+75 RT. REV. 129+75 RT. REV. 129+78 RT. REV. 129+82 RT.	REV. 132+50 RT. REV. 130+20 RT. REV. 129+85 RT. REV. 130+35 RT.	0.15 A±		ALL R. T. & I. SLOPE (T) 300 SF± WALK (T) CONST. EASE. (T) 305 SF±	OCD	01-11-00	ROYALTON	62	440	VT RTE. 14 HWY EASEMENT	11	11,13	PARCEL NO. 1 CRAWFORD. ADD PARCEL 1D; REV. 128+38 LT. ~ REV. 128+98 LT.; 3925 S.F. ± MITIGATION SITE. REDUCE AREA IN PARCEL 1B FROM 0.17A± TO 3480 S.F. ±. PER C.O. 9111.	4-04-00	M.J.R.	R.P.D.
5	C.V.P.S. CORP.												UTILITY						
6	BELL ATLANTIC												UTILITY			MYLAR REPRODUCIBLES TO STRUCTURES 6-12-01			
7	THE HELICON GROUP, L.P.												UTILITY						
REVISED	10-11-99																		

ACCT.MRyon
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DATE PLOTTED 05-SEP-2001
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DR. (P)- DRAINAGE RIGHT
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DRIVE (T)- DRIVE RIGHT
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PRESENT R.O.W.
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.....CZ (P)..... CLEAR ZONE
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SR SR SLOPE RIGHTS
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L L TOP OF CUT
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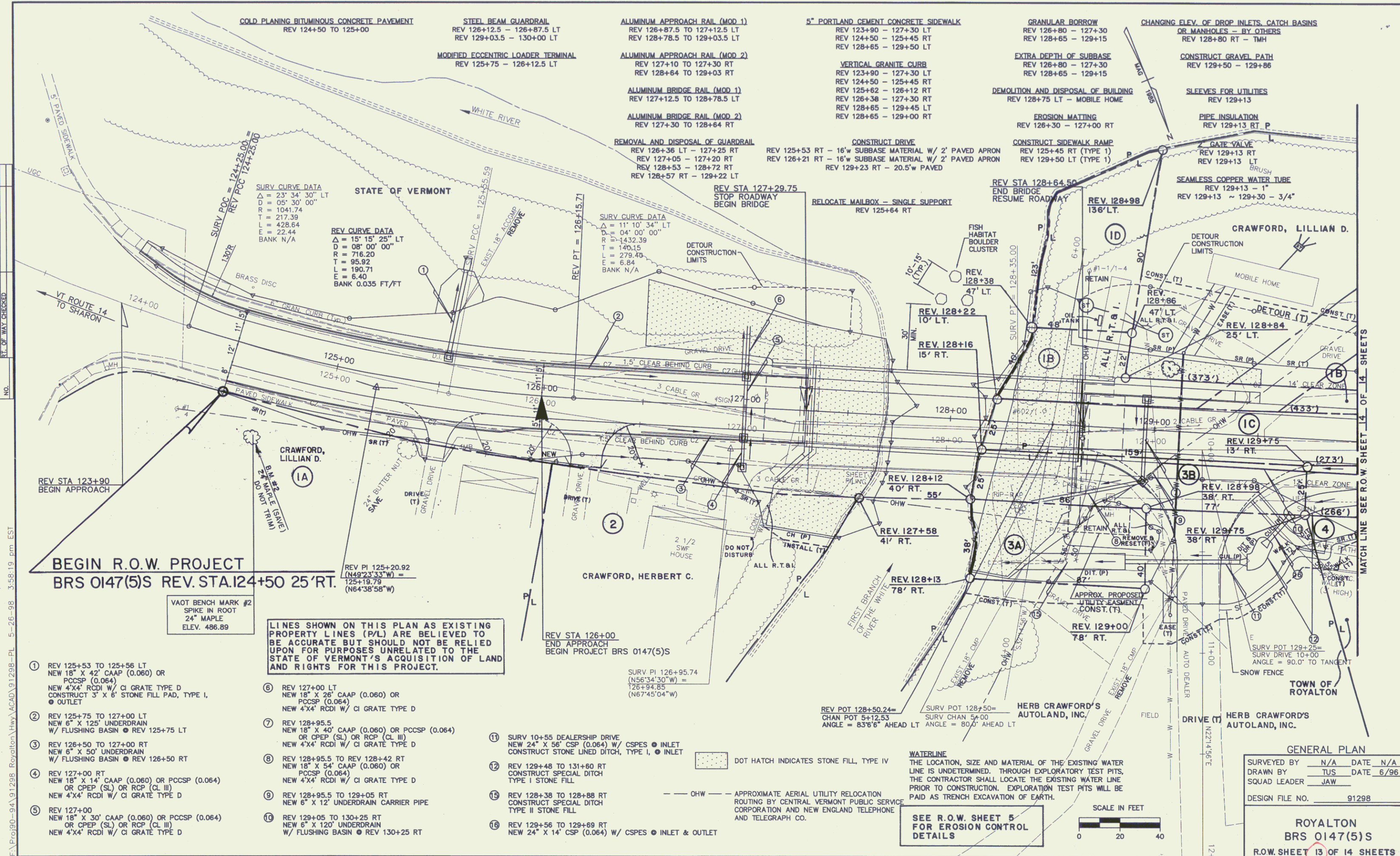
R.O.W. PLANS

ROYALTON
BRS 0147(5) S
R.O.W. SHEET 12 OF 14 SHEETS
SHEET 11 OF 76

APPROVED: LAWRENCE BLISS DATE: 06-16-98
AGENT D, PLANS & TITLES

12

PLAN	DATE	BY
DESIGNED		
CHECKED		
NOTED		
NO.		



PLAN	DATE
REVISED	BT
NOTE BOOK	
NO.	

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