



# **ESSEX COUNTY**

## **OFFICE OF THE MANAGER**

7551 Court Street · P.O. Box 217 · Elizabethtown, New York 12932  
Telephone (518) 873-3332 · Fax (518) 873-3339

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Daniel L. Palmer  
County Manager

Linda M. Wolf  
Purchasing Agent

**TO:** All Bidders

**FROM:** Linda Wolf, CPA, Purchasing Agent

**DATE:** March 2, 2015

**SUBJECT:** Addendum #3 GULF BROOK RESTORATION PROJECT

**This Addendum, issued to bid document holders of record, indicates changes to the bid documents for the RFP for *GULF BROOK RESTORATION PROJECT* Opening March 6, 2015.**

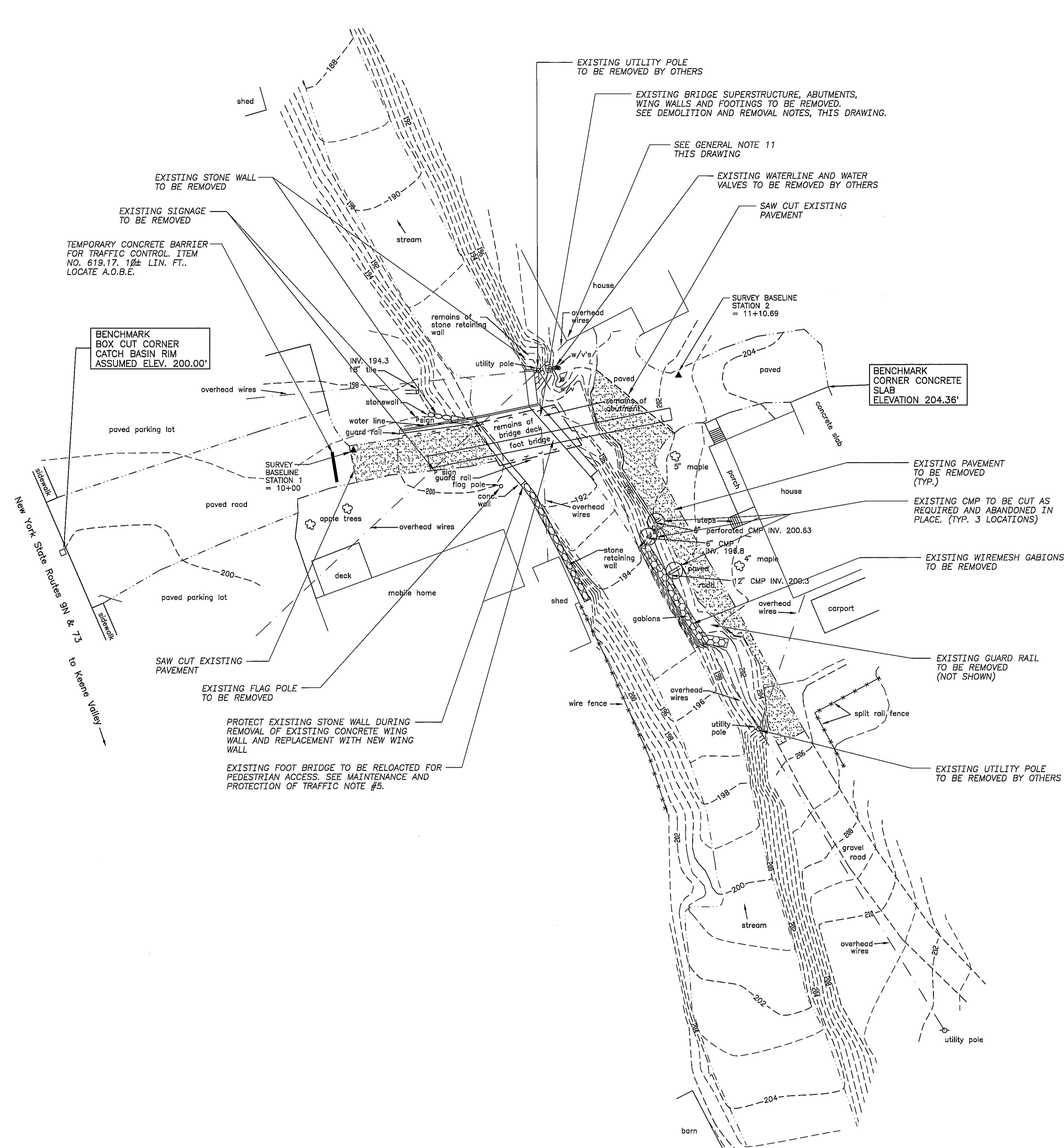
**Please see attached list of QUESTIONS & ANSWERS regarding this project.**

END OF ADDENDUM # 3

**Keene Questions:**

1. Does Geotechnical borings for the replacement of the existing Bucks Lane Bridge designed by Schroder in 1997 exist? Do record drawings exist? Existing bridge shows up as a 27' span, 19' out to out with a 6.034 condition rating (75.5 federal) with an AADT of 20. Would the longer span structure proposed still be functionally classified as a single lane bridge as you meet the criteria for such. **Boring information is not available. Attached are four prints from the design set – they are not as-builts. The most recent bridge inspection report is also included. A single lane bridge is sufficient for this crossing.**
2. Is ROW part of the scope? What about property access/easements and any necessary acquisition for construction access. ROW for Bucks Road appears to be approx. 2 rod with property owners owning to center of stream. **Property access permissions/easements will be necessary and acquisition will be the responsibility of the consultant.**

MAGNETIC NORTH  
DECEMBER 1996



**LEGEND**

- E/P--- EXISTING EDGE OF PAVEMENT
- 196--- EXISTING CONTOUR
- 196— NEW CONTOUR
- w/v EXISTING WATER VALVE

NOTE  
SEE DRAWING S-2 FOR  
LOCATION OF IMPROVEMENT  
Q & CONSTRUCTION BASELINE

**EXISTING BRIDGE AND REMOVAL SITE PLAN**

1" = 20'

**GENERAL NOTES**

1. TYPE OF CONTRACT: LUMP SUM
2. DESIGN SPECIFICATIONS: AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES - 1992 WITH INTERIM SPECIFICATIONS - BRIDGE 1993.
3. MATERIAL SPECIFICATIONS: NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, CONSTRUCTION AND MATERIALS, DATED JANUARY 2, 1998.
4. BRIDGE DESIGN CRITERIA: THE REPLACEMENT BRIDGE SHALL BE A PRECAST REINFORCED PORTLAND CEMENT CONCRETE BRIDGE STRUCTURE, IN ACCORDANCE WITH SPECIFICATION SECTION 03412, WITH CAST-IN-PLACE CONCRETE FOOTINGS. THE FOLLOWING PARAMETERS SHALL BE UTILIZED IN THE DESIGN OF THE PRE-ENGINEERED BRIDGE.
  - LIVE LOAD: HS20-44
  - MIN. OPEN AREA FOR STREAM FLOW AS INDICATED.
5. A SUBSURFACE INVESTIGATION WAS COMPLETED AT THE PROJECT SITE BY ATLANTIC TESTING LABORATORIES, LTD. ON JANUARY 2, 1997. COPIES OF THE SUBSURFACE INVESTIGATION REPORT ARE AVAILABLE FOR REVIEW FROM ESSEX COUNTY. EXISTING SOIL CONDITIONS NOTED IN THE REPORT MAY NOT BE REPRESENTATIVE OF ACTUAL FIELD CONDITIONS. THE CONTRACTOR MAY TAKE ADDITIONAL BORINGS PRIOR TO BID. NO ADDITIONAL PAYMENTS FOR DIFFERING SUBSURFACE CONDITIONS SHALL BE PERMITTED.
6. THE NEW RETAINING WALLS SHALL BE CONCRETE CRIB TYPE RETAINING WALLS IN ACCORDANCE WITH SPECIFICATION SECTION 03411.
7. STREAM PROTECTION: DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN SUCH A MANNER AS TO PREVENT OR REDUCE TO A MINIMUM ANY DAMAGE TO ANY STREAM FROM POLLUTION BY DEBRIS, SEDIMENT, OR OTHER FOREIGN MATERIAL, OR FROM MANIPULATION OF EQUIPMENT AND/OR MATERIALS IN OR NEAR SUCH STREAMS. HE SHALL NOT RETURN DIRECTLY TO A STREAM ANY WATER WHICH HAS BEEN USED FOR WASH PURPOSES OR OTHER SIMILAR OPERATIONS WHICH CAUSE THIS WATER TO BECOME POLLUTED WITH SAND, SILT, CEMENT, OIL, OR OTHER IMPURITIES. IF HE USES WATER FROM A STREAM, HE SHALL CONSTRUCT AN INTAKE OR TEMPORARY DAM REQUIRED TO PROTECT AND MAINTAIN WATER RIGHTS AND TO SUSTAIN FISH LIFE DOWNSTREAM.
8. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT, DUE TO THE NATURE OF RECONSTRUCTION PROJECTS, THE EXACT EXTENT OF RECONSTRUCTION WORK CANNOT ALWAYS BE ACCURATELY DETERMINED PRIOR TO COMMENCEMENT OF THE WORK. THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED BASED ON FIELD INSPECTION, FIELD SURVEYS AND OTHER AVAILABLE INFORMATION. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO CONSTRUCTION DETAILS AND WORK QUANTITIES. THE CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH ACTUAL FIELD CONDITIONS.
9. THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE SO THAT ANY MATERIALS WHICH ARE TO REMAIN IN PLACE, OR WHICH WILL REMAIN THE PROPERTY OF ESSEX COUNTY, WILL NOT BE DAMAGED. IF THE CONTRACTOR DAMAGES SUCH ITEMS, THE DAMAGED ITEMS SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
10. THE BRIDGE SHALL BE CLOSED TO TRAFFIC DURING ALL DEMOLITION AND CONSTRUCTION OPERATIONS.
11. CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AND/OR UNDERPINNING FOR HOUSE STRUCTURE AT NORTHEAST CORNER OF BRIDGE DURING ALL DEMOLITION AND CONSTRUCTION OPERATIONS. PROVIDE METHOD OF PROPOSED TEMPORARY SHORING TO ESSEX CO. FOR REVIEW PRIOR TO PERFORMING ANY WORK IN THIS AREA.
12. ESSEX COUNTY HAS A MEMORANDUM OF UNDERSTANDING WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION TO WORK ON BRIDGES CROSSING WATERWAYS. ANY ADDITIONAL PERMITS REQUIRED SHALL BE OBTAINED BY THE CONTRACTOR.
13. UNDERGROUND PIPE LINES AND UTILITY LOCATIONS, IF INDICATED, ARE BASED ON VISUAL EVIDENCE OF UTILITIES AND PIPE LINES ABOVE EXISTING GRADE AND ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL DETERMINE LOCATIONS OF ALL UNDERGROUND UTILITIES AND PIPELINES BEFORE COMMENCING CONSTRUCTION AND SHALL PROTECT AND/OR REROUTE SUCH ITEMS AS ORDERED BY THE ENGINEER, UNLESS NOTED OTHERWISE.
14. CONTRACTOR SHALL DEVELOP PROPOSED METHODS FOR DEWATERING EXCAVATIONS AND FOR MAINTENANCE AND TEMPORARY DIVERSION OF STREAMFLOW WITH ESSEX COUNTY PERSONNEL. ALL CONSTRUCTION BELOW STREAM WATER ELEVATION AND/OR GROUNDWATER ELEVATION SHALL BE DEWATERED TO THE SATISFACTION OF THE ENGINEER. PLACEMENT OF CRUSHED STONE, BACKFILL OR CONCRETE BELOW WATER SHALL NOT BE PERMITTED.
15. CONTRACTOR SHALL PROVIDE ADEQUATE SHORING AND/OR SHALL SLOPE ALL EXCAVATIONS IN STRICT ACCORDANCE WITH ALL APPLICABLE OSHA, STATE AND LOCAL REGULATORY REQUIREMENTS.
16. THE FOLLOWING WORK SHALL BE PERFORMED BY ESSEX COUNTY AND/OR THE TOWN OF KEENE:
  - A. MATERIAL AND INSTALLATION FOR NEW GUARD RAIL AT ALL LOCATIONS.
  - B. MATERIAL FOR NEW BRIDGE RAIL.
  - C. MATERIAL AND INSTALLATION FOR ALL NEW PAVEMENT AND SUBBASE.
  - D. TEMPORARY RELOCATION OF EXISTING WATER LINE AND VALVES DURING CONSTRUCTION.
  - E. PROVIDING MATERIAL FOR BACKFILL AND CRUSHED STONE FOR NEW RETAINING WALLS AND BRIDGE STRUCTURE, INCLUDING TRANSPORTATION OF MATERIAL TO SITE.
17. CAST-IN-PLACE CONCRETE SHALL CONFORM TO THE FOLLOWING NYS DOT STANDARD SPECIFICATION ITEM NO'S.:
  - CONCRETE FOR BRIDGE AND CONCRETE CRIB RETAINING WALL FOOTINGS - NYS DOT ITEM NO. 555.0104 - CLASS A, F<sub>c</sub> = 4000 PSI.
  - CONCRETE FOR CAST-IN-PLACE CONCRETE WING WALL - NYS DOT ITEM NO. 555.0102 CLASS A, F<sub>c</sub> = 4000 PSI.
18. CONCRETE REINFORCING BARS FOR CAST-IN-PLACE CONCRETE SHALL CONFORM TO NYS DOT STANDARD SPECIFICATION ITEM NO. 556.0201. SUBMIT FIVE (5) COPIES OF REINFORCING BAR SHOP DRAWINGS TO ENGINEER FOR REVIEW PRIOR TO FABRICATION.
19. NON-SHRINK GROUT PAD MATERIAL (FOR BRIDGE RAIL) SHALL BE FIVE STAR FOUNDATION SYSTEM 1 SINGLE LIFT CEMENTITIOUS GROUT AS MANUFACTURED BY FIVE STAR PRODUCTS, INC. OR APPROVED EQUIVALENT. INSTALL GROUT IN STRICT ACCORDANCE WITH MANUFACTURERS REQUIREMENTS.
20. CONTRACTOR SHALL COORDINATE WITH ADJACENT PROPERTY OWNERS AND OBTAIN PERMISSION FOR STAGING AREA LOCATION. FULL ACCESS TO ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.

**MAINTENANCE AND PROTECTION OF TRAFFIC NOTES**

1. MAINTENANCE AND PROTECTION OF TRAFFIC DURING CONSTRUCTION OF THE PROJECT SHALL BE PROVIDED BY THE CONTRACTOR.
2. ALL TRAFFIC CONTROL SIGNS SHALL BE APPROVED BY THE ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS PRIOR TO USE. ALL SIGNS SHALL CONFORM TO THE NYS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES - LATEST EDITION. ADDITIONAL OR ALTERNATE SIGNS MAY BE REQUIRED BY THE ENGINEER. NO ADDITIONAL PAYMENT SHALL BE MADE FOR SUCH ADDITIONAL OR ALTERNATE SIGNS.
3. TEMPORARY CONCRETE BARRIERS AND ALL TRAFFIC CONTROL SIGNS SHALL BE IN PLACE BEFORE COMMENCING DEMOLITION OR CONSTRUCTION WORK.
4. THE CONTRACTOR SHALL PREPARE A TRAFFIC CONTROL PLAN INDICATING PROPOSED LAYOUT OF ALL TRAFFIC CONTROL SIGNS AND DEVICES FOR REVIEW BY ESSEX COUNTY PRIOR TO COMMENCING THE WORK.
5. PROVIDE TEMPORARY FENCING FOR ALL CONSTRUCTION EXCAVATION TO PREVENT PEDESTRIAN ACCESS TO SITE. SUBMIT TEMPORARY FENCING PLAN TO ESSEX CO. FOR REVIEW. MAINTAIN AN APPROVED PEDESTRIAN ACCESS TO ALL STRUCTURES ON EAST SIDE OF STREAM AT ALL TIMES. THE EXISTING FOOTBRIDGE MAY BE RELOCATED AND UTILIZED FOR PEDESTRIAN ACCESS AS APPROVED BY ESSEX COUNTY.

**DEMOLITION AND REMOVAL NOTES**

1. DRAWINGS OF THE EXISTING BRIDGE STRUCTURE ARE NOT AVAILABLE. INFORMATION REGARDING THE EXISTING BRIDGE INDICATED ON THE CONTRACT DRAWINGS IS SCHEMATIC ONLY. THE CONTRACTOR SHALL VISIT THE SITE AND SHALL VERIFY ALL EXISTING DEMOLITION QUANTITIES AND MATERIALS AND SHALL INCLUDE IN HIS BID ALL COSTS ASSOCIATED WITH REQUIRED DEMOLITION OF THE EXISTING BRIDGE AND APPURTENANCES.
2. UNLESS SPECIFICALLY NOTED OTHERWISE, ITEMS NOTED IN THE CONTRACT TO BE REMOVED SHALL BE DISPOSED OF OFF SITE. THE COST OF SUPPLYING A DISPOSAL AREA AND TRANSPORTATION TO THAT AREA SHALL BE INCLUDED IN THE BID.
3. DEMOLITION AND REMOVAL ITEMS TO BE SALVAGED AND DELIVERED TO ESSEX COUNTY INCLUDE THE FOLLOWING:
  - ALL EXISTING SIGNAGE
  - EXISTING FLAG POLE
  - ALL EXISTING GUARD RAIL
  - EXISTING FOOT BRIDGE
4. DURING DEMOLITION AND REMOVAL OPERATIONS, THE CONTRACTOR SHALL NOT BE PERMITTED TO DROP WASTE CONCRETE, TIMBER, STEEL, DEBRIS OR OTHER MATERIALS INTO THE AREA BELOW THE BRIDGE. PLATFORMS, NETS, SCREENS OR OTHER PROTECTIVE DEVICES SHALL BE USED TO CATCH SUCH MATERIAL. IF, IN THE OPINION OF THE ENGINEER, ADEQUATE PROTECTIVE DEVICES ARE NOT BEING EMPLOYED, THE WORK SHALL BE SUSPENDED UNTIL ADEQUATE PROTECTION IS PROVIDED. THE COST OF FURNISHING, INSTALLING, MAINTAINING, REMOVING AND DISPOSING OF ALL PLATFORMS, NETS, SCREENS OR OTHER PROTECTIVE DEVICES SHALL BE INCLUDED IN THE BID.

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

REVISIONS		
REV.	DATE	DESCRIPTION
1	2/24/97	ISSUED FOR CLIENT REVIEW
1	3/4/97	ISSUED FOR BID & CONSTRUCTION



**SCHODER RIVERS ASSOCIATES**  
 CIVIL & STRUCTURAL CONSULTING ENGINEERS  
 Prospect's Rise Professional Offices  
 2315-2 Route 9N  
 Lake George, New York 12845  
 (518) 668-2918

SCALE: 1" = 20' DRAWN BY: JVL  
 DATE: 2/14/97 ENG. BY: CBS  
 PROJ. NO: 95-303-12 CHK'D BY: SMR

CLIENT NAME  
**ESSEX COUNTY DEPARTMENT OF PUBLIC WORKS**  
 ELIZABETHTOWN, N.Y.

DRAWING TITLE  
**ORMSBY BRIDGE REPLACEMENT**  
 BIN. 3-30232-0  
 EXISTING BRIDGE & DEMOLITION PLAN

DRAWING NO. S-1 SHT. 1 OF 4  
 REV. 1

MAGNETIC NORTH  
DECEMBER 1996

BRIDGE BEGINS @ STA. 1+44.85 =  
BASELINE STA. 10+44.50 8.22' RT.

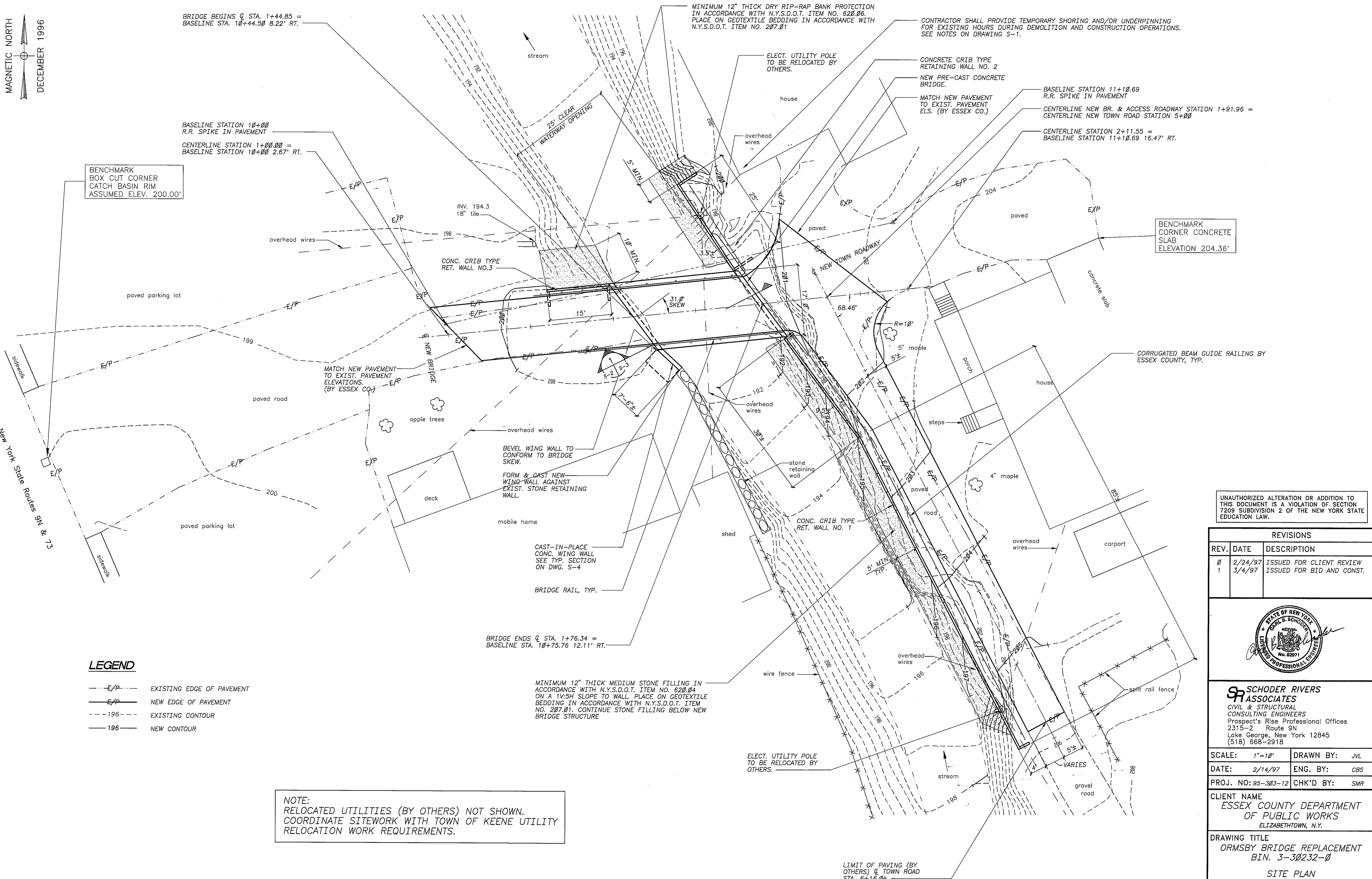
BASELINE STATION 10+00  
R.R. SPIKE IN PAVEMENT  
CENTERLINE STATION 1+00.00 =  
BASELINE STATION 10+00 2.67' RT.

BENCHMARK  
BOX CUT CORNER  
CATCH BASIN RIM  
ASSUMED ELEV. 200.00'

BENCHMARK  
CORNER CONCRETE  
SLAB  
ELEVATION 204.36'

MINIMUM 12" THICK DRY RIP-RAP BANK PROTECTION  
IN ACCORDANCE WITH N.Y.S.D.O.T. ITEM NO. 620.06.  
PLACE ON GEOTEXTILE BEDDING IN ACCORDANCE WITH  
N.Y.S.D.O.T. ITEM NO. 207.01

CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AND/OR UNDERPINNING  
FOR EXISTING STRUCTURES DURING DEMOLITION AND CONSTRUCTION OPERATIONS.  
SEE NOTES ON DRAWING S-1.



**LEGEND**

- E/P--- EXISTING EDGE OF PAVEMENT
- E/P— NEW EDGE OF PAVEMENT
- 196--- EXISTING CONTOUR
- 196— NEW CONTOUR

NOTE:  
RELOCATED UTILITIES (BY OTHERS) NOT SHOWN.  
COORDINATE SITEWORK WITH TOWN OF KEENE UTILITY  
RELOCATION WORK REQUIREMENTS.

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(518) 668-2918

SCALE: 1"=10'  
DATE: 2/14/97  
PROJ. NO: 95-303-12

DRAWN BY: JVL  
ENG. BY: CBS  
CHK'D BY: SMR

CLIENT NAME  
**ESSEX COUNTY DEPARTMENT  
OF PUBLIC WORKS**  
ELIZABETHTOWN, N.Y.

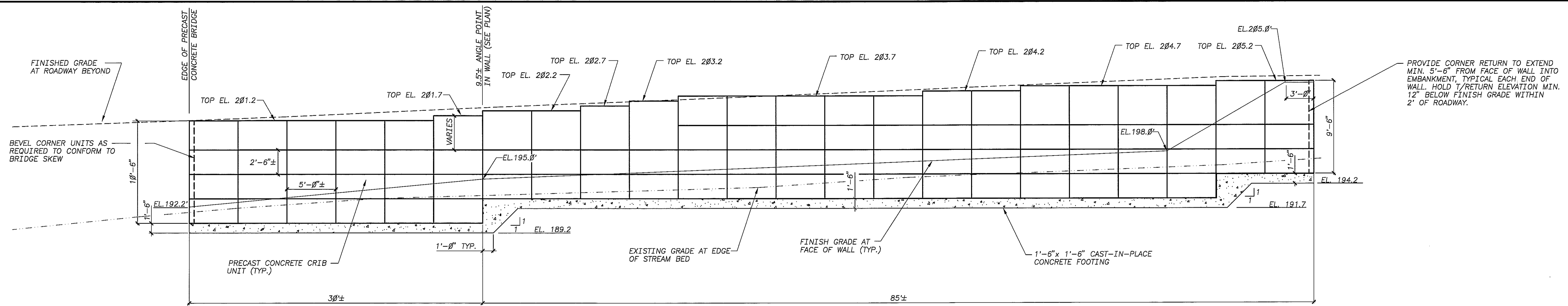
DRAWING TITLE  
**ORMSBY BRIDGE REPLACEMENT  
BIN. 3-30232-0**

SITE PLAN

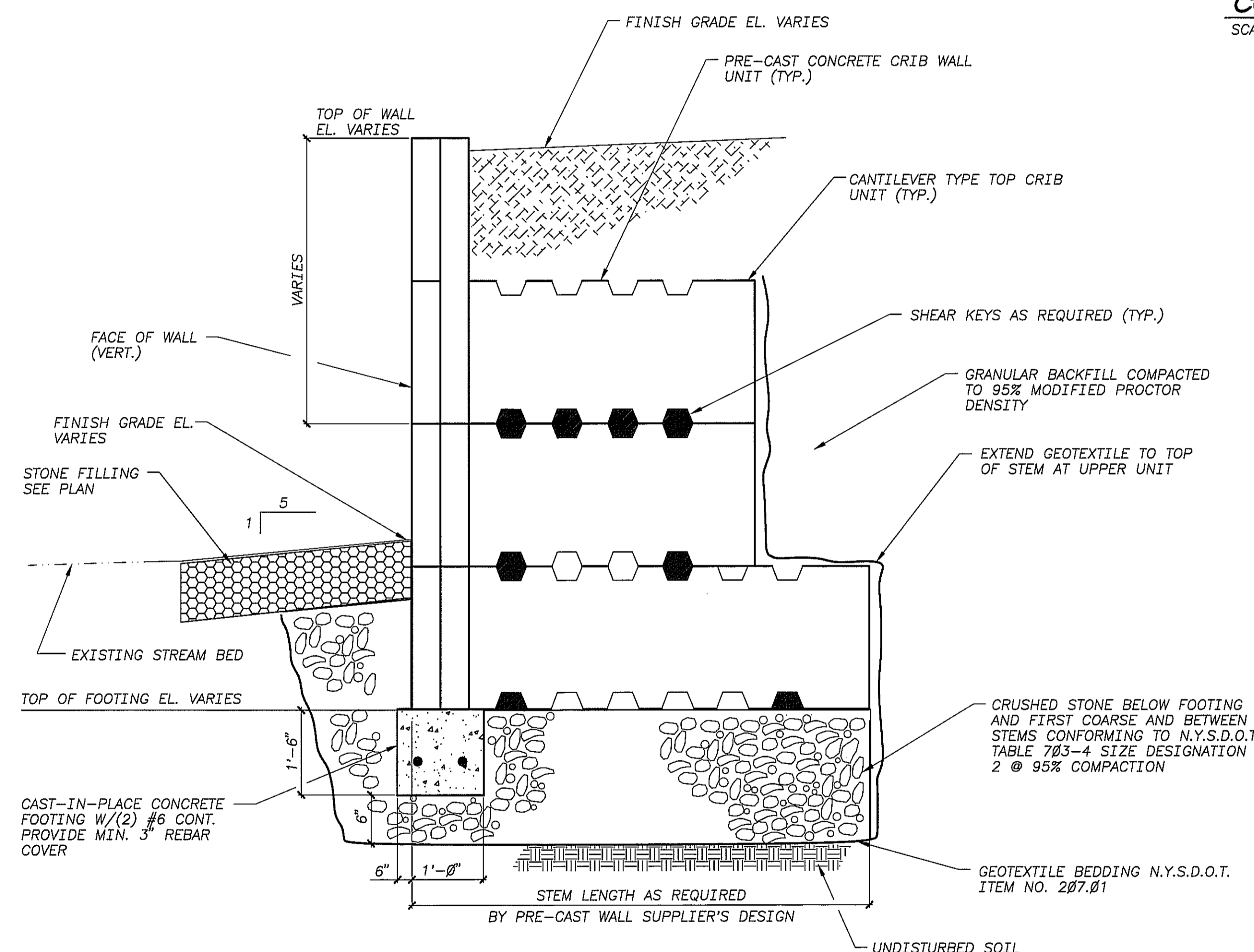
DRAWING NO. **S-2**  
SHT. 2 OF 4  
REV. 1

LIMIT OF PAVING (BY  
OTHERS) @ TOWN ROAD  
STA. 6+16.0±

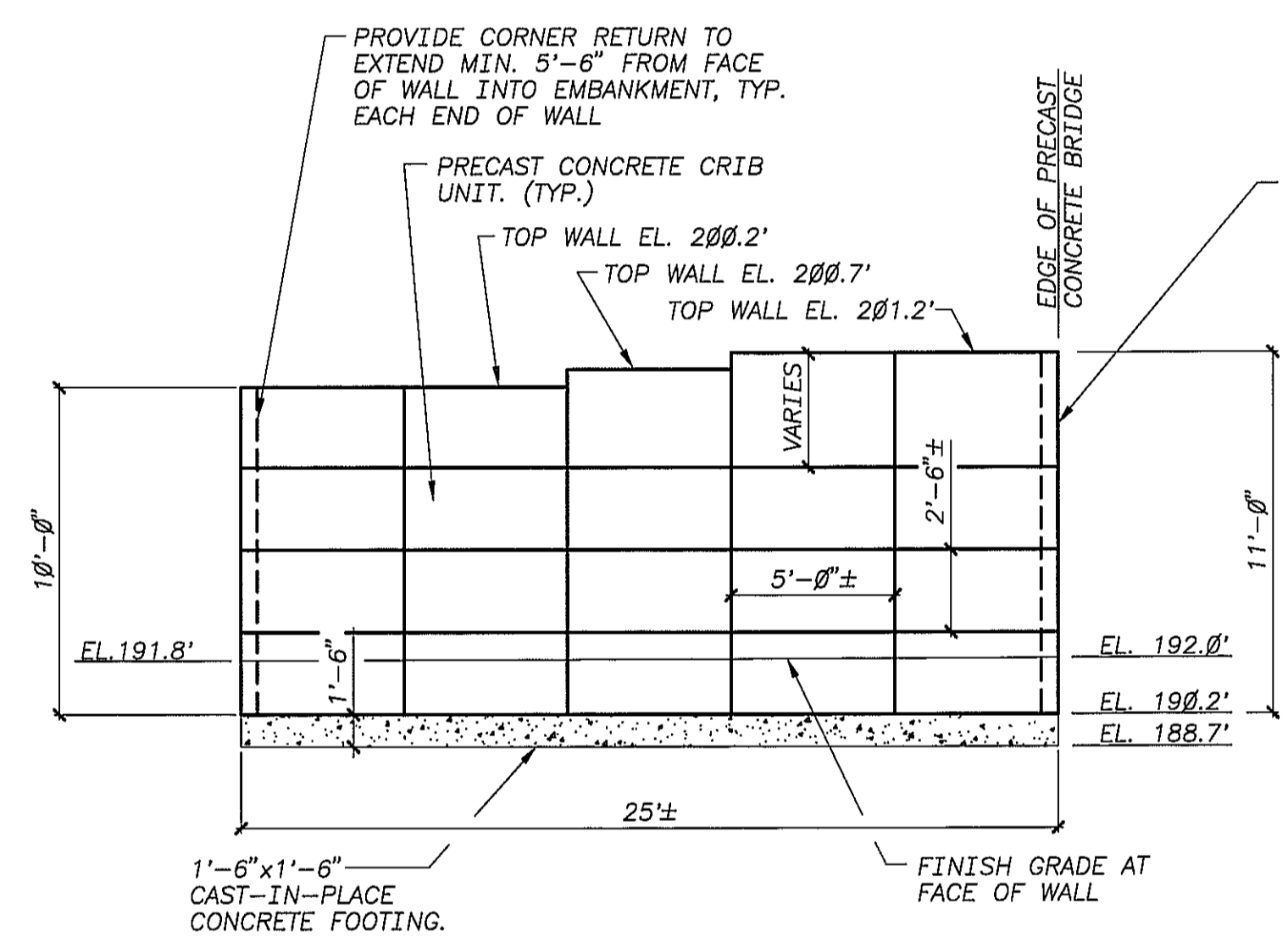




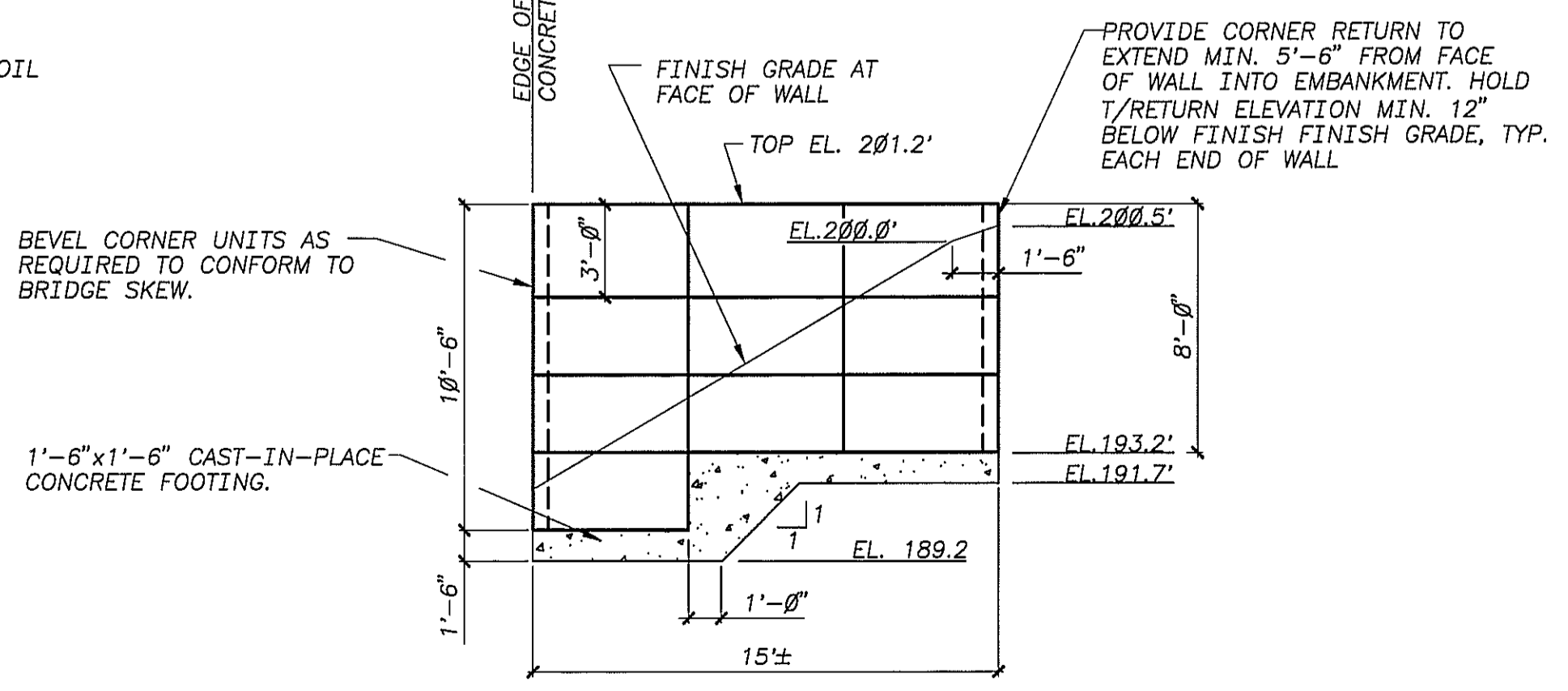
**ELEVATION  
CONC. CRIB-TYPE RETAINING WALL #1**  
SCALE: 1" = 5'



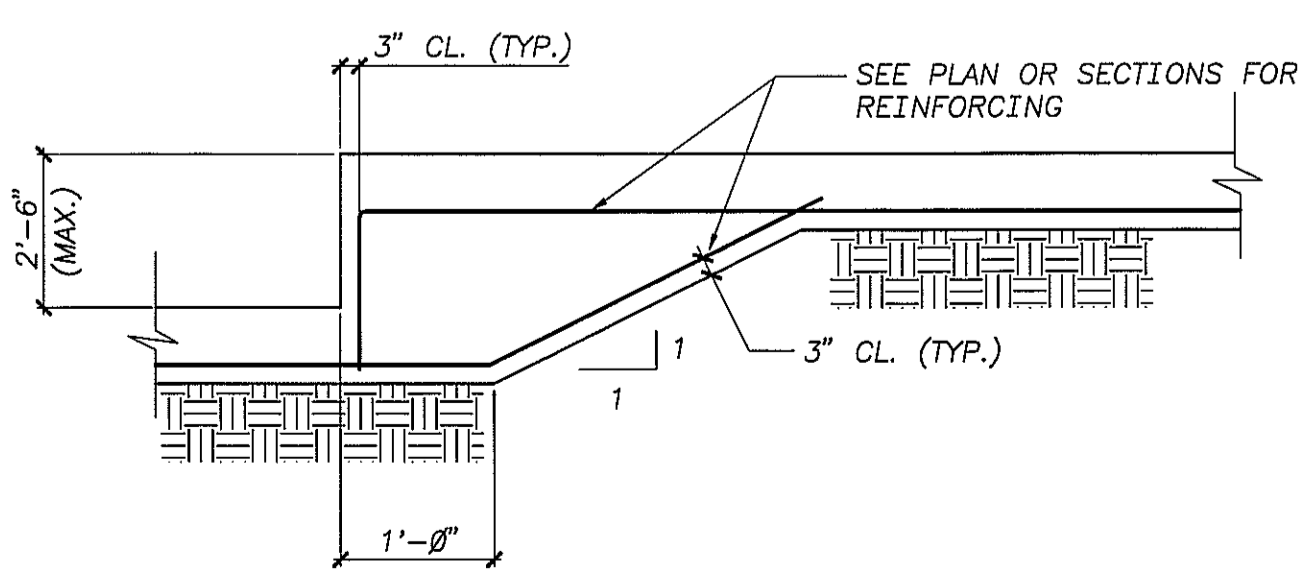
**SECTION  
TYPICAL CONC. CRIB-TYPE RETAINING WALL**  
N.T.S.



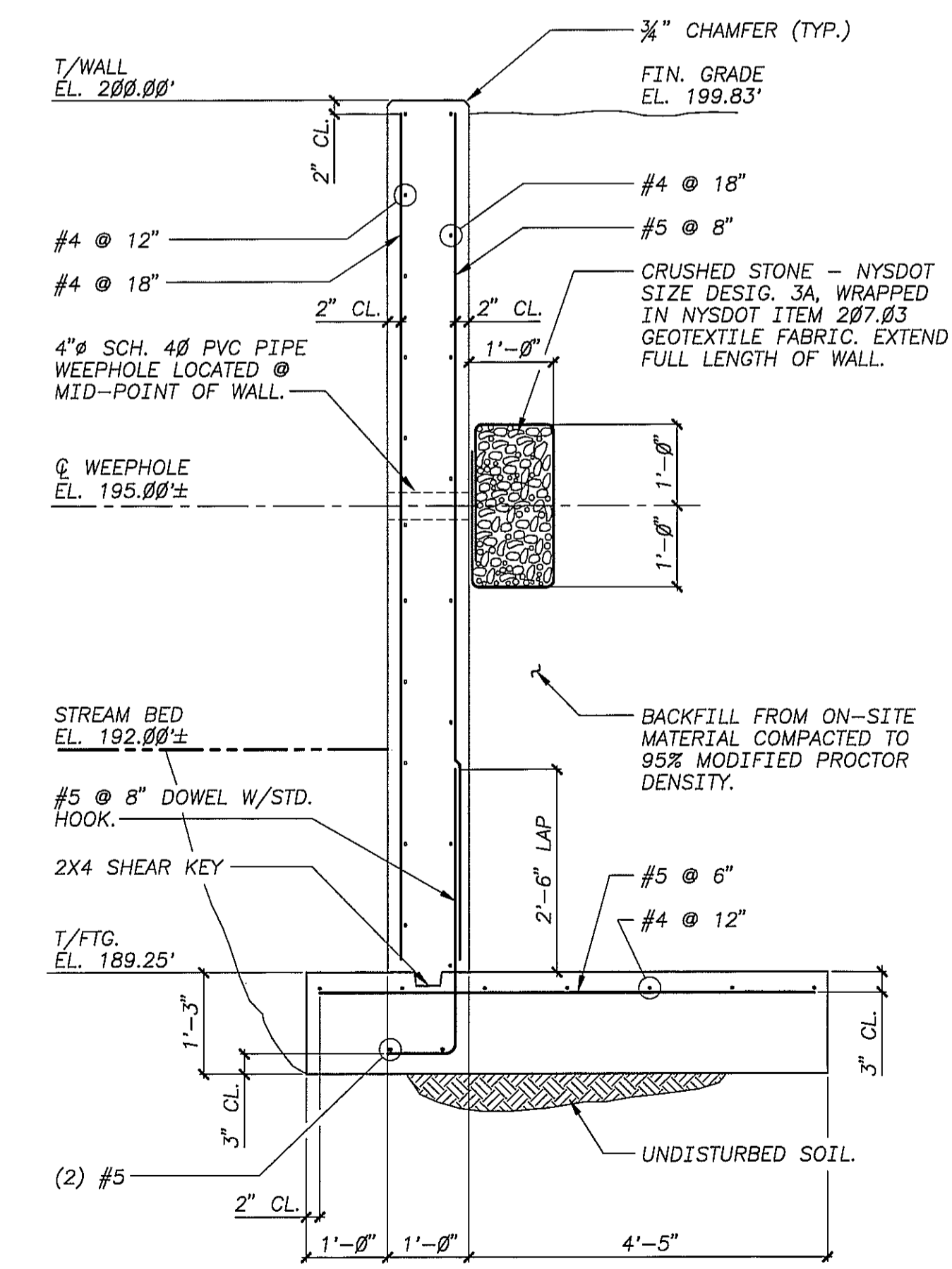
**ELEVATION  
CONC. CRIB-TYPE RETAINING WALL #2**  
SCALE: 1" = 5'



**ELEVATION  
CONC. CRIB-TYPE RETAINING WALL #3**  
SCALE: 1" = 5'



**TYPICAL STEPPED FOOTING DETAIL**  
N.T.S.



**TYPICAL CAST-IN-PLACE CONCRETE  
WING WALL SECTION**  
N.T.S.

PROVIDE CORNER RETURN TO EXTEND MIN. 5'-6" FROM FACE OF WALL INTO EMBANKMENT, TYPICAL EACH END OF WALL. HOLD T/RETURN ELEVATION MIN. 12" BELOW FINISH GRADE WITHIN 2' OF ROADWAY.

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REVISIONS	
REV.	DESCRIPTION
0	2/24/97 ISSUED FOR CLIENT REVIEW
1	3/4/97 ISSUED FOR BID & CONSTRUCTION.



**SCHODER RIVERS  
ASSOCIATES**  
CIVIL & STRUCTURAL  
CONSULTING ENGINEERS  
Prospect's Rise Professional Offices  
2315-2 Route 9N  
Lake George, New York 12845  
(518) 688-2918

SCALE: 1"=10' DRAWN BY: JCM  
DATE: 2/14/97 ENG. BY: CBS  
PROJ. NO: 95-303-12 CHK'D BY: SMR

CLIENT NAME  
**ESSEX COUNTY DEPARTMENT  
OF PUBLIC WORKS**  
ELIZABETHTOWN, N.Y.

DRAWING TITLE  
**ORMSBY BRIDGE REPLACEMENT  
BIN. 3-30232-0**

**RETAINING WALL  
ELEVATIONS & SECTIONS**

DRAWING NO. **S-4** SH. 4 OF 4  
REV. 1

**Inspection Date: 7/2/2010****RC: 12 BIN: 3302320****Bridge Ratings****Carried: ORMSBY ROAD    Crossed: GULF BROOK    CheckValue: 1,758,144,968**

Inspection Agency: 13 - Consultant    Type of Inspection: 1 - BIENNIAL  
 GTMS: 107 -- Concrete - Frame  
 POSTINGS: See Gen Rec Page 1 for Postings at time of inspection.  
 Further Investigation Needed: No  
 State Highway Number: 000000    Milepoint: 0    AADT/Yr: 20 /  
 Orientation: 3 - East    Political Unit: 0434 - Town of KEENE    Year Built: 1997  
 Total Spans: 1    Ramp Bridge Attached To Span: NA    BIN: NA  
 General Recommendation: 6    Computed Condition Rating: 6.034

**Abutment Ratings:**

	Beg Abut	End Abut
Joint with Deck	8	8
Bearings, Bolts, Pads	8	8
Seats and Pedestals	8	8
Backwall	8	8
Stem (Breastwall)	7	7
Erosion or Scour	7	7
Footings	9	9
Piles	8	8
Recommendation	7	7

**Wingwall Ratings:**

	Beg Abut	End Abut
Walls	7	7
Footings	9	9
Erosion or Scour	6	6
Piles	8	8

**Channel Ratings:**

	Channel
Stream Alignment	7
Erosion and Scour	7
Waterway Opening	7
Bank Protection	7

**Approach Ratings:**

	Approaches
Drainage	5
Embankment	7
Settlement	5
Erosion	7
Pavement	5
Guide Railing	3

**Number of Flags Issued:**

RED: 0	Yellow: 0	Safety: 0
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**Vulnerability Reviews Recommended: 1=Yes, 2=No, 3=NA, X=NotActive**

Hydraulic: 2	Overload: X	Steel: 3
Collision: 3	Concrete: X	Seismic: X

**Inspector's Signature:    CheckValue: 1,758,144,968    Date: 7/2/2010****John Saia, Jr., PE ( )    (Inspector ID:1120059)**Signed copy of this inspection report is available  
in the appropriate NYSDOT Regional Office**Reviewed By:    Date: 8/24/2010****Paul Poirier, PE ( )    (QC ID:1120061)**Signed copy of this inspection report is available  
in the appropriate NYSDOT Regional Office

**Inspection Date: 7/2/2010****RC: 12 BIN: 3302320****Span Ratings****Carried: ORMSBY ROAD    Crossed: GULF BROOK    CheckValue: 1,758,144,968****Deck Element Ratings:                    001**

Wearing Surface	5
Curbs	8
Sidewalks, Fascias	7
Railings, Parapets	5
Scuppers	8
Gratings	8
Median	8
Mono Deck Surface	8

**Superstructure Ratings:                001**

Structural Deck	8
Primary Members	5
Secondary Members	8
Paint	8
Joints	8
Recommendation	5

**Pier Ratings:                                001**

Bearings, Bolts, Pads	8
Pedestals	8
Top of Cap or Beam	8
Stem Solid Pier	8
Cap Beam	8
Pier Columns	8
Footings	8
Erosion or Scour	8
Piles	8
Recommendation	8

**Utility Ratings:                            001**

Lighting	8
Sign Structure	8
Utilities and Support	4

**Field Notes:**

<b>Field Date</b>	<b>Arrival</b>	<b>Departure</b>	<b>Temp (C)</b>	<b>Temp (F)</b>	<b>Weather Conditions</b>
7/2/2010	11:30:00 AM	1:30:00 PM		78	Sunny



**Inspection Notes****Carried: ORMSBY ROAD    Crossed: GULF BROOK    CheckValue: 1,758,144,968****Note ID: 1U1033023200000**

Approaches: Guide Railing -- Rated 3, Was 3

Referenced Photos: "1", "2"

2010

The begin left, w-section guide rail has been impacted. The end timber posts are leaning and the rail is disconnected from the second post from the bridge. The end post is broken and not attached to the end of rail. The rail is slightly loose; rates 3. This is a low speed, low volume road with good site distance along the approach. No safety flag is warranted at this time.

The guide rail in the remaining quadrants is in fair to good condition and rates 5.

**Note ID: 1U1033023200001**

Span 001 -- Superstructure: Primary Members -- Rated 5, Was 7

Referenced Photos: "3", "4", "5"

2010

The bridge is comprised of four precast concrete frame units. Within the joints between the units, there is a build up of efflorescence and rust staining with areas of active leaking and stalactites. See Photo 3. At the fascia edges of unit 1 and unit 4, there is fine mapcracking with damp concrete. See photo 4. Unit 4 appears to have transverse cracking that is fine and tight. See photo 5.

Overall, there were no areas of hollow sounding concrete found. The rating for unit 4 is lowered to 5; the remaining units rate 6.

**Note ID: 1U1033023200002**

Span 001 -- Utilities: Utilities and Support -- Rated 4, Was 7

Referenced Photos: "6"

2010

A small diameter pvc pipe extends across the bridge, adjacent to the water main pipe. At midspan, the pipe is disconnected at the coupling. The exposed wire is intact with no defects to the wire casing. See photo 6. At end left, the conduit comes out of the ground to meet the conduit spanning the bridge, but there is no 90 degree elbow. The wire/cable is exposed with no defects to the wire casing. The rating is lowered to 4. No safety flag is warranted at this time.

Inspection Date: 7/2/2010

RC: 12 BIN: 3302320

Inspection Photos in Photo Number Order

Carried: ORMSBY ROAD

Crossed: GULF BROOK

CheckValue: 1,758,144,968

Begin Left Guide Rail



Photo Number: 1

Photo Filename: 10-Picture001.jpg

Begin Left Guide Rail -  
Post 2



Photo Number: 2

Photo Filename: 10-Picture002.jpg

Inspection Date: 7/2/2010

RC: 12 BIN: 3302320

Inspection Photos in Photo Number Order

Carried: ORMSBY ROAD

Crossed: GULF BROOK

CheckValue: 1,758,144,968

Underside of Bridge, Left  
Side from End



Photo Number: 3

Photo Filename: 10-Picture004.jpg

Precast Unit 1, Left Side  
near Mid-Span

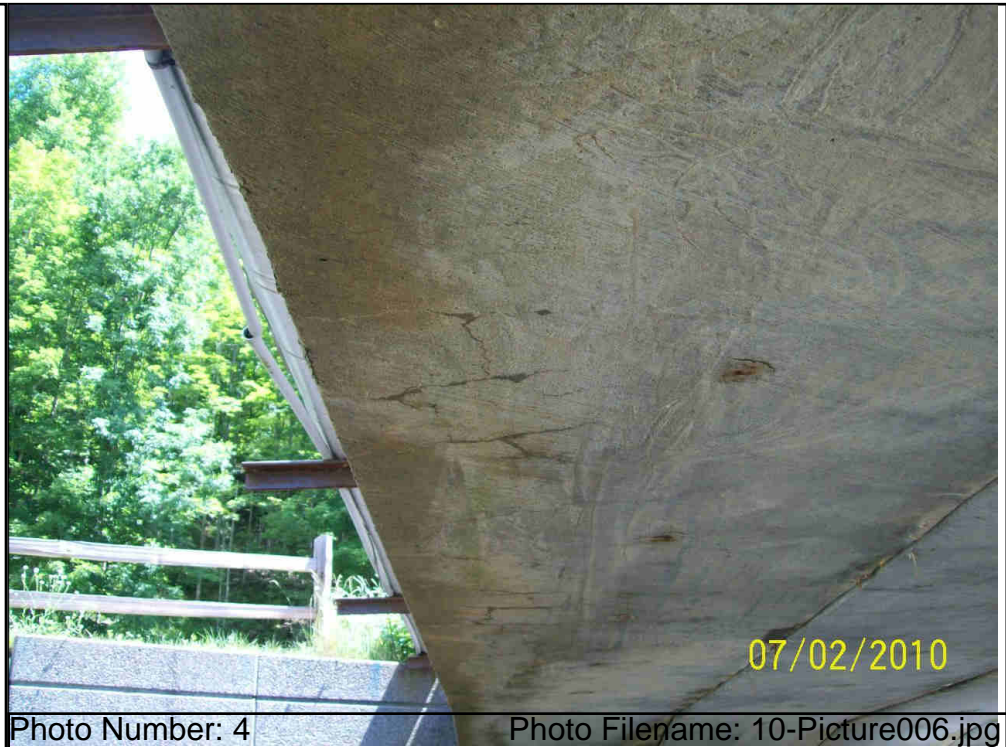


Photo Number: 4

Photo Filename: 10-Picture006.jpg

Inspection Date: 7/2/2010

RC: 12 BIN: 3302320

Inspection Photos in Photo Number Order

Carried: ORMSBY ROAD

Crossed: GULF BROOK

CheckValue: 1,758,144,968

Precast Unit 4, Right  
Side near Mid-Span



Photo Number: 5

Photo Filename: 10-Picture005.jpg

Conduit Near Mid-Span,  
Left Side



Photo Number: 6

Photo Filename: 10-Picture007.jpg

Inspection Date: 7/2/2010

RC: 12 BIN: 3302320

## Inspection Sketches in Sketch SysID Order

Carried: ORMSBY ROAD

Crossed: GULF BROOK

CheckValue: 1,758,144,968

Sketch ID: 1U1033023200001

Sketch Filename: 10photo-location.wpd

General Sketch for Bridge

Referenced Photos:

Photo Location Plan

BD186(3/04)

NYS DEPT. OF TRANSPORTATION

BIN: 1 / 2 / 3302320

DATE 07/02/10

FEATURE CARRIED: ORMSBY ROAD

FEATURE CROSSED: GULF BROOK

PHOTO ABOVE DECK



PHOTO BELOW DECK



FLOW



BEGIN

END



Inspection Date: 7/2/2010

RC: 12 BIN: 3302320

## Inspection Sketches in Sketch SysID Order

Carried: ORMSBY ROAD    Crossed: GULF BROOK    CheckValue: 1,758,144,968

Sketch ID: 1U1033023200002

Sketch Filename: 10Bd227.wpd

Stream Channel: Erosion and Scour -- Rated 7, Was 7

Referenced Photos:

Channel Cross-Section Along Fascias

BD227 (03/04)

BIN 1/2 3302320

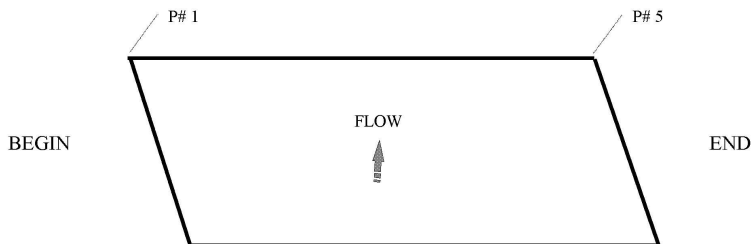
NYS DEPT. OF TRANSPORTATION  
BRIDGE INSPECTION REPORT

FEATURE CARRIED ORMSBY ROAD  
FEATURE CROSSED GULF BROOK

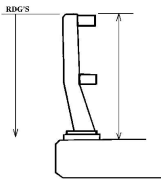
CHANNEL CROSS-SECTION ALONG FASCIAS: (feet)



ORIENTATION



RDG'S REF @ RAIL POSTS

REFERENCE	YEAR	NOTES
RAIL HEIGHT = 		Reference: Top of rail to top of streambed
	2004	No significant changes found
	2006	No significant changes
	2008	No significant changes
	2010	No significant changes



**Inspection Date: 7/2/2010**

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**Gen. Rec., Postings, Federal Ratings, etc.**

**Carried: ORMSBY ROAD    Crossed: GULF BROOK    CheckValue: 1,758,144,968**

**Overall Condition:**

GENERAL RECOMMENDATION: 6

Computed Condition Rating: 6.034

**Problems Requiring Action:**

NO Further Investigation Needed

NO Flags Issued

**POSTINGS:**

Inspector Confirmed existing Posting data as correct.  
Posted Vertical Clearance ON the bridge is: No Posting  
Posted Vertical Clearance UNDER the bridge is: No Posting  
No Load Restriction is posted on this bridge

**Overloads Observed:**

NO Overload Vehicles were observed on this bridge

**FEDERAL RATINGS:**

NBI Deck Condition: 8  
NBI Superstruct Condition: 7  
NBI Substruct Condition: 9  
NBI Channel Condition: 8  
NBI Culvert Condition: N

**Diving Inspection Needs:**

Diving Inspection Required? No                      Date of Last Diving Inspection: No Date

**Inventory Problems:**

Inventory Problems Exist? No

**Miscellaneous:**

Time Required to Inspect Bridge: 2 Hours  
  
Lane Closure Needs: None Required  
  
No Railroad Flagging Required  
  
No Pedestrian Fence  
  
No Snow Fence  
  
The BIN Plate is in OK condition



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**Special Emphasis Inspection Required:**

Non-Redundant/Fracture Critical Members - No  
Pin and Hangers - No  
Fatigue-Prone Welds - No  
Non-Categorized Fatigue-Prone Details - No  
Other (Specified in Text) - No

**Special Emphasis Details:**

No Special Emphasis Inspection Required.

**General Notes To the Next Inspector:**

2010 Access: walking, step ladder  
The Bin plate is in good condition, located on the begin right wingwall.

**Improvements Observed:**

2010: None.



**Inspection Date: 7/2/2010**

**RC: 12 BIN: 3302320**

**Inspection Access Requirements**

**Carried: ORMSBY ROAD    Crossed: GULF BROOK    CheckValue: 1,758,144,968**

**Equipment Required for Inspection**

No Access Requirement Changes Noted During This Inspection.  
This Listing is from the Inventory Database.

**ACCESS CATEGORIES FOR ENTIRE BRIDGE**

Required: Walking, Step Ladder

**ACCESS CATEGORIES FOR SPAN 1**

Required: Walking, Step Ladder

**Inspection Date: 7/2/2010**

**RC: 12 BIN: 3302320**

**Culvert Measurements**

**Carried: ORMSBY ROAD**

**Crossed: GULF BROOK**

**CheckValue: 1,758,144,968**

**Culvert Measurements**

NO CULVERT DATA FOR BIN 3302320

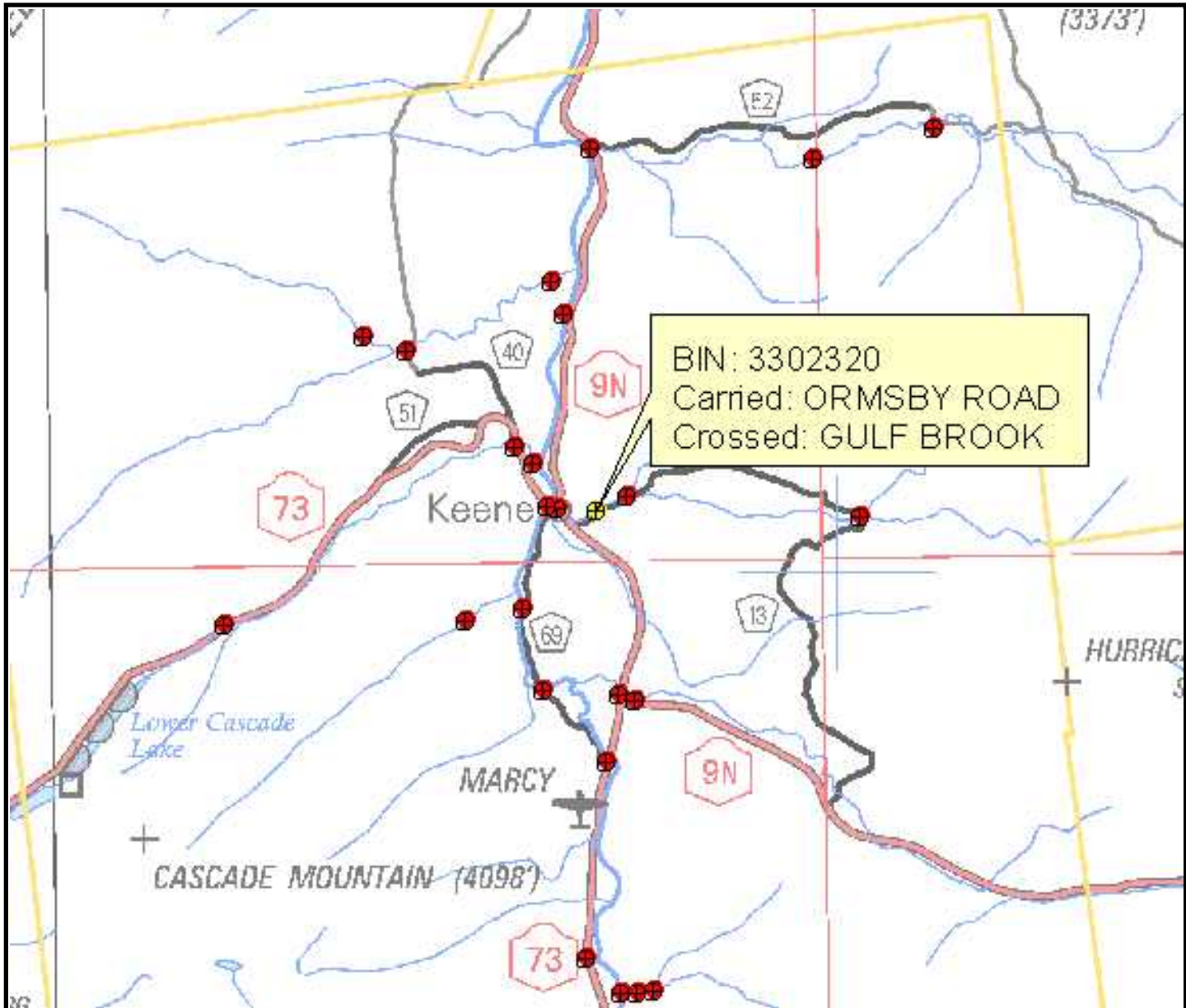
Standard Photos

RC: 12 BIN: 3302320

Carried: ORMSBY ROAD

Crossed: GULF BROOK

3302320\_LOCATION\_MAP.JPG

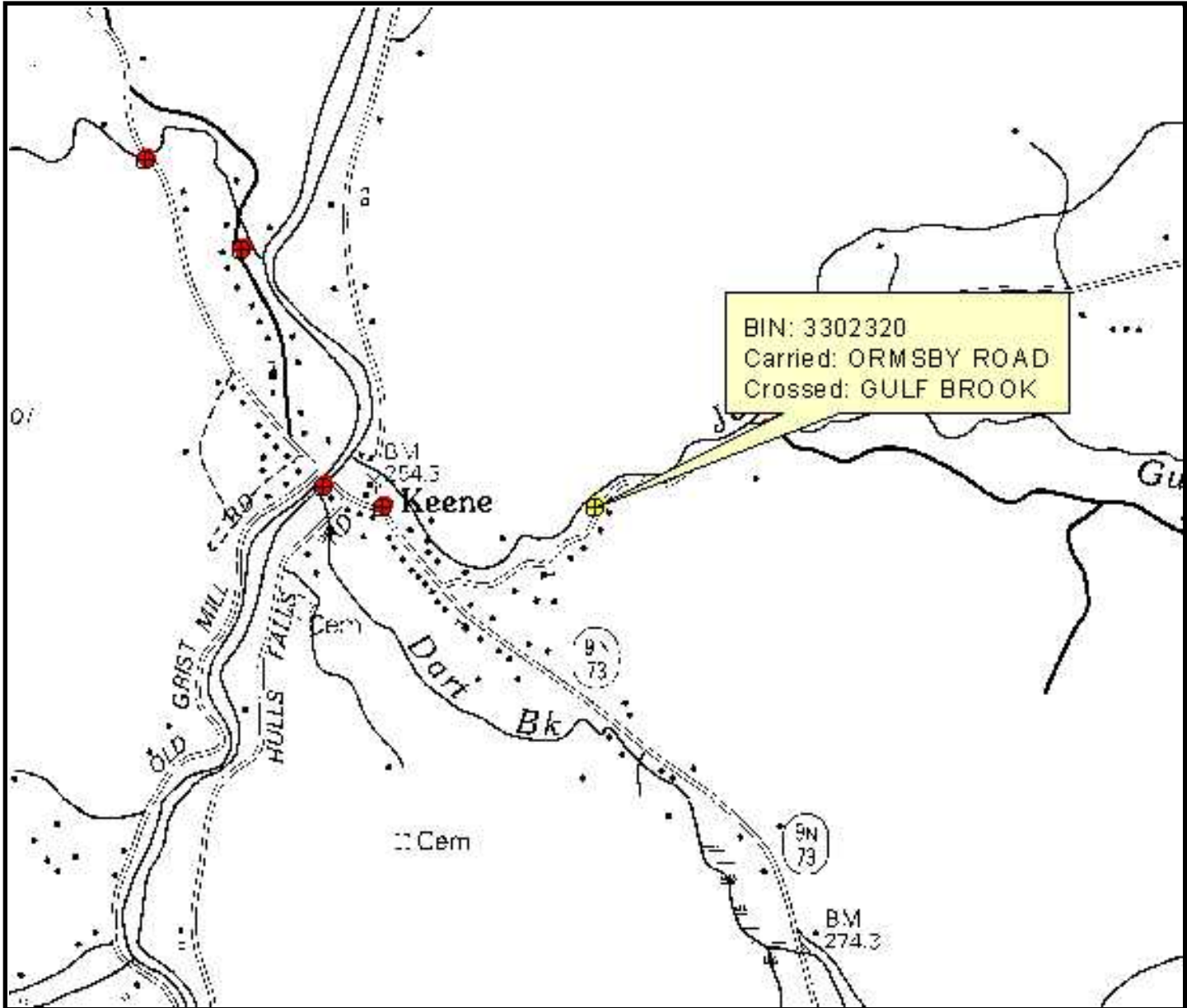


Standard Photos

RC: 12 BIN: 3302320

Carried: ORMSBY ROAD Crossed: GULF BROOK

3302320\_QUAD\_MAP.JPG



AbutmentBegin.jpg



AbutmentEnd.jpg





ApproachBegin.jpg



ApproachEnd.jpg



Standard Photos

RC: 12 BIN: 3302320

Carried: ORMSBY ROAD

Crossed: GULF BROOK

ElevationRight.jpg



Standard Photos

RC: 12 BIN: 3302320

Carried: ORMSBY ROAD

Crossed: GULF BROOK

FeatureCrossedLeft.jpg



Standard Photos

RC: 12 BIN: 3302320

Carried: ORMSBY ROAD

Crossed: GULF BROOK

FeatureCrossedRight.jpg



Framing.jpg



Utility.jpg

