



C-22

AGENDA ITEM NO. _____

COUNTY OF HUMBOLDT

For Meeting of: MAY - 6 1997

DATE: April 21, 1997
TO: Board of Supervisors
FROM: Department of Public Works
SUBJECT: FEDERAL BRIDGE REPLACEMENT PROGRAM

Peter Rei, Deputy

MAY 19 1997

PUBLIC WORKS	
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<input type="checkbox"/>	AV
<input checked="" type="checkbox"/>	BUS
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RECOMMENDATION: It is recommended that the Board of Supervisors:

1. Approve the Honeydew Bridge (4C-055) on Mattole Road as the County's choice for the State's Bridge Replacement Program.
2. Approve the attached Resolution of Need for the Honeydew Bridge, as required by the California Transportation Commission.

DISCUSSION: The attached Caltrans letter was received and indicates that Humboldt County will be allowed one bridge from the attached list for replacement. It is staff's recommendation that the following bridge be selected as a bridge replacement candidate:

Honeydew Bridge (4C-055): This bridge is an old steel truss bridge adjacent to the Honeydew Store. It was originally constructed in 1920 and has served well, but is now showing definite signs of its age. Much of the bridge's support members are worn and in need of replacement.

Prepared by: Peter Rei *PR* CAO Approval: *Joseph Wildesta*

REVIEW:
Auditor ___ County Counsel ___ Personnel ___ Risk Manager ___ Other ___

TYPE OF ITEM:
 Consent
 Departmental
 Public Hearing
 Other

pc: Public Works
County Counsel

BOARD OF SUPERVISORS, COUNTY OF HUMBOLDT
Upon the motion of Supervisor **DIXON**
seconded by Supervisor **KIRK**
and unanimously carried by those members present, the Board hereby adopts the recommended action contained in this report.
Dated: MAY - 6 1997
LORA FREDIANI, Clerk of the Board
by: *Lora Frediani*

In addition, the low clearance of the truss prevents our low-bed trucks from transporting equipment across the bridge. This limitation can become critical during severe storms when either or both of the Ettersburg/Honeydew or the Mattole Road are closed. If the bridge is replaced with a modern concrete structure, this will remove the restrictions to transporting equipment and greatly improve our access during critical winter storms.

As stated in the eligibility guidelines for the Bridge Replacement Program (HBRR):

"Bridges with an Average Daily Traffic less than 200 will not be eligible for HBRR funding unless the Local Agency obtains a legislative "Resolution of Need" as required by the California Transportation Commission (CTC) Resolution #G-94-14. The "Resolution of Need" must state that the bridge is:

- "1. Very significant to the local economy and/or,
- "2. Critically needed for emergency access and/or,
- "3. Required for school bus transportation and/or,
- "4. Required for some other stated specific significant local need.

"For each finding, the resolution shall state that there is no reasonable alternative route."

Staff believes that the replacement of this bridge is justified under Item 2, critically needed for emergency access. As discussed previously, this bridge becomes critically important when the other two access roads are impassable. This situation occurred during the 1995 winter storms and has been a historical problem in earlier disasters. Please find the attached "Resolution of Need" which includes the proper findings.

FINANCIAL IMPACT: The County will be required to match 20% of the bridge replacement cost. This match will come from Road Fund monies. Budget documentation will be submitted for the appropriate year of construction. No line expenditure is required for the current fiscal year.

OTHER AGENCY INVOLVEMENT: Caltrans

ALTERNATIVES TO STAFF RECOMMENDATIONS: The Board may decide not to approve the recommended bridge for replacement.

ATTACHMENT(S):

1. Caltrans letter dated March 10, 1997
2. Resolution of Need for Honeydew Bridge

cc: Design & Construction Engineering
Roads
Land Use
Business

DEPARTMENT OF TRANSPORTATION

DISTRICT I, P.O. BOX 3700
 EUREKA, CA 95502-3700
 TDD PHONE 707/445-6463
 (707)445-6397



March 10, 1997

Mr. John Murray
 Director of Public Works
 County of Humboldt
 1106 Second Street
 Eureka, CA 95501

Dear John,

Attached are the bridge listings to be used with the "Operating Procedures and Guidelines for the 1996/97 Highway Bridge Replacement and Rehabilitation (HBRR) Program" sent to you January 30, 1997.

If you have questions regarding the HBRR program please call my office.

Sincerely,

A.B. Toland
 Assistant District Local Assistance
 Engineer

Attachments

MAR 11 1997

PUBLIC WORKS	
<input checked="" type="checkbox"/>	DIR
<input type="checkbox"/>	AV
<input type="checkbox"/>	BUS
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1/16/97

SUFFICIENCY RATINGS FOR STRUCTURALLY DEFICIENT / FUNCTIONALLY OBSOLETE LOCAL BRIDGES (From SMS Database)

SORTED BY BRIDGE NUMBER

Table with columns: BRIDGE, RTE-P.M, FEATURES INTERSECTED, STRUCTURALLY OBSOLETE, FUNCTIONALLY OBSOLETE, SUFF RATING, BR RDWY WIDTH, AREA. Includes handwritten notes like 'Selected 1994', 'Selected 1995', 'Relabeled', 'Replaced', and 'Replaced 1994'.

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LOCAL BRIDGES - NON STANDARD BRIDGE OR APPROACH RAIL

DISTRICT 01

BRIDGE NUMBER	FEATURES INTERSECTED	FACILITY CARRIED	RAIL RATE	ADT	BRIDGE WIDTH	APPR WIDTH	A ALI ITEM 72	BDR* FACTOR	SUFFICIENCY RATING
04C0001	REDWOOD CREEK	BRICELAND-THORNE R	0000	1,100	21.1	22	3	53.92	057.8
04C0002	REDWOOD CREEK	BRICELAND-THORNE R	0000	1,400	28.1	24	4	36.95	084.7
04C0005	PRAIRIE CR	BALD HILLS RD	0000	200	27.5	28	7	39.62	075.0
04C0006	JACOBY CREEK	S QUARRY ROAD	0100	200	14.0	16	8	44.33	061.6
04C0007	KLAMATH RIVER	BALD HILLS RD	0000	75	24.0	30	5	22.20	081.1
04C0015	BULL CREEK	MATTOLE RD	1000	500	28.0	28	6	27.11	088.2
04C0018	CUNEO CREEK	MATTOLE RD	1000	500	28.0	24	6	27.11	088.2
04C0019	CHINA CREEK	BRICELAND-THORNE R	0000	1,000	28.2	30	3	37.72	083.3
04C0026	NORTH FORK MAD RIVER	MAPLE CREEK RD	0000	1,850	18.8	24	6	59.44	063.3
04C0029	SALT RIVER	FULMOR RD	0000	450	20.0	20	3	47.97	073.7
04C0030	SPROWEL CREEK	SPROWEL CREEK ROAD	0000	250	20.1	24	5	39.75	068.0
04C0032	TRINITY RIVER	COUNTRY CLUB RD	0000	1,000	24.0	24	5	48.59	064.6
04C0038	MOSLEY SLOUGH	CANNIBAL RD	0000	50	24.0	21	8	19.84	080.0
04C0039	CANYON CREEK	MAPLE CREEK RD	0000	100	20.0	20	3	9.21	090.4
04C0040	EEL RIVER	FORT SEWARD RD	0000	200	24.1	20	5	34.65	078.4
04C0041	LAWRENCE CREEK	KNEELAND RD	0000	100	20.3	21	4	9.58	089.9
04C0042	NORTH FORK YAGER CREEK	KNEELAND RD	0000	100	12.0	12	3	27.58	071.7
04C0044	SALMON CREEK	SALMON CREEK ROAD	0000	200	27.4	24	3	35.61	069.5
04C0045	PRICE CREEK	GRIZZLY BLUFF RD	0000	500	28.0	22	4	25.14	093.0
04C0047	ELK RIVER	BERTAS RD	0000	150	10.5	22	6	93.55	030.7
04C0048	ELK RIVER	ZANES RD	0000	150	11.5	20	5	52.99	063.5
04C0049	FRESHWATER CREEK	HOWARD HEIGHTS RD	0000	100	18.0	20	7	10.16	081.7
04C0050	BEAR RIVER	UPPER BEAR RIV RD	0000	50	15.7	20	5	38.24	066.7

COUNTY OF HUMBOLDT

DISTRICT 01

BRIDGE NUMBER	FEATURES INTERSECTED	FACILITY CARRIED	RAIL RATE	ADT	BRIDGE WIDTH	APPR WIDTH	A ALI ITEM 72	BDR* FACTOR	SUFFICIENCY RATING
COUNTY OF HUMBOLDT									
04C0052	MAD RIVER	BUTLER VALLEY RD	0000	100	20.4	21	4	19.06	079.3
04C0055	MATTOLE RIV (HONEYDEW)	MATTOLE RD(HONEYDEW)	0000	100	14.9	24	4	83.17	016.4
04C0056	SALMON CREEK	SALMON CREEK ROAD	0000	500	27.4	20	4	42.72	070.3
04C0057	N FORK ELK RIVER	ELK RIVER ROAD	1000	150	18.5	19	3	76.04	033.0
04C0061	MAPLE CREEK	MAPLE CREEK RD	1000	100	22.0	18	4	25.76	065.3
04C0062	BOULDER CREEK	MAPLE CREEK ROAD	1000	200	15.3	14	3	50.35	058.8
04C0064	SOUTH DOBBYN CREEK	ZENIA BLUFF RD	0000	220	18.0	18	3	44.83	063.4
04C0066	BEARTRAP CREEK	WILDER RIDGE ROAD	0000	25	26.2	16	4	53.99	089.8
04C0069	MENJITT CREEK	OLD MATTOLE RD	0000	100	13.1	19	8	53.64	058.1
04C0075	MATTOLE RIVER	LINDLEY ROAD	0000	50	11.4	14	5	161.99	002.0
04C0078	MATTOLE RIVER	MATTOLE RD	0000	300	24.0	24	6	119.29	017.4
04C0081	SCOTIA MILL POND	BRIDGE ST	1000	1,100	23.2	19	7	48.92	063.5
04C0082	BEAR RIVER	UPPER BEAR RIV RD	0000	50	16.0	14	3	26.19	071.3
04C0083	RYAN SLOUGH	MYRTLE AVE	0000	4,000	26.0	30	6	52.15	071.0
04C0084	MARTIN CREEK	ALDERPOINT RD	1100	100	28.0	30	4	8.16	091.2
04C0085	STRONGS CREEK	12TH ST	0000	300	27.8	24	8	21.99	092.3
04C0089	SOUTH FORK EEL RIVER	MAPLE HILLS	0000	3,500	24.0	22	4	49.06	072.9
04C0090	MCMAHON CREEK	ALDERPOINT RD	0000	200	28.0	24	4	20.64	088.5
04C0092	SALMON CREEK	EEL RIVER DRIVE	1000	900	24.0	29	8	54.68	070.4
04C0093	BURR CREEK	ALDERPOINT RD	0000	150	28.0	28	4	43.78	061.3
04C0097	HEATH CREEK	MAPLE CREEK ROAD	0000	100	24.0	20	8	10.11	089.0
04C0098	EEL RIVER	COCK ROBIN ISLD RD	0000	100	10.1	18	8	89.83	014.0
04C0099	LARABEE CREEK	HOLMES FLAT RD	0000	100	15.9	20	8	21.40	078.3
04C0101	E BR SOUTH FORK EEL RIV	BENBOW DRIVE	1000	500	32.0	25	5	41.78	071.8
04C0104	SALT RIVER	WADDINGTON RD	0000	300	18.6	18	8	61.71	051.9
04C0105	N DOBBYN CR	ALDERPOINT RD	1000	200	28.0	24	8	13.04	093.5
04C0106	LARABEE CREEK	ALDERPOINT RD	1000	200	28.0	28	8	17.64	091.5
04C0108	SOCTISH CREEK	PINE CREEK RD	0000	550	29.3	24	8	23.93	093.9
04C0109	MOLASSES CREEK	STOVER RD	0000	200	24.0	21	8	24.64	084.4
04C0113	CHAMISE CREEK	ISLAND MOUNTAIN RD	0000	100	13.8	16	5	40.74	071.0
04C0115	SUPPLY CREEK	BAIR ROAD	0000	50	23.9	20	4	11.76	087.3
04C0116	REDWOOD CREEK	IRR BAIR ROAD	0000	300	20.0	22	5	47.50	066.0
04C0117	BIG ROCK GULCH	RED CAP ROAD	0000	1,500	21.7	22	4	62.09	047.2
04C0121	REDWOOD CREEK	CHEZEM RD	0000	100	16.0	23	3	56.93	042.7
04C0122	SALT RIVER OVERFLOW	PORT KENYON ROAD	1000	400	32.3	21	4	21.52	095.7
04C0124	JACOBY CREEK	BROOKWOOD DRIVE	0000	800	13.7	20	6	92.93	036.0
04C0125	MILL CREEK	STOVER ROAD	0000	200	24.1	22	8	26.84	081.5
04C0127	UPPER N FK MATTOLE RIV	BURREL ROAD	0000	50	12.0	15	8	38.47	065.7
04C0129	S FK EEL RIVER	BEAR CANYON RD	0000	100	8.2	8	3	137.65	002.0
04C0130	PRICE CREEK	PRICE CREEK ROAD	0000	175	11.0	14	4	89.54	029.9
04C0131	HOWE CREEK	HOWE CREEK ROAD	0000	150	13.5	12	8	69.40	043.4
04C0132	ATWELL CREEK	HOWE CREEK ROAD	0000	350	12.0	15	6	48.42	069.7
04C0135	BILLINGS CREEK	JACK SHAW ROAD	0000	50	9.0	10	4	62.01	047.4
04C0136	FRESHWATER CREEK	FRESHWATER POOL RD	0000	50	11.7	13	4	39.10	060.3
04C0138	SONOMA CREEK #2	WHITLOW RD	0000	80	10.8	12	6	54.25	049.6

DISTRICT 01

BRIDGE NUMBER	FEATURES INTERSECTED	FACILITY CARRIED	RAIL RATE	ADT	BRIDGE WIDTH	APPR WIDTH	A ALI ITEM 72	BDR* FACTOR	SUFFICIENCY RATING
COUNTY OF HUMBOLDT									
04C0139	SONOMA CREEK #1	WHITLOW RD	0000	80	10.8	12	6	54.25	049.6
04C0142	STEELHEAD CREEK	STEELHEAD RD	0000	50	10.0	12	3	107.66	002.0
04C0143	BEAR CREEK	ALBERT ETTER RA RD	0000	50	8.6	12	3	66.60	047.3
04C0144	NORTH FORK BEAR CREEK	KINGS PEAK ROAD	0111	75	23.7	24	3	9.99	*095.0
04C0146	N FK MATTOLE RIV	MATTOLE RD	0000	300	28.0	21	5	35.03	077.4
04C0147	SINGLEY CR	MATTOLE RD	0000	250	28.2	24	5	22.20	089.1
04C0149	ARROYO CREEK	UPPER BEAR RIV RD	0000	20	16.0	15	5	23.98	071.4
04C0150	SWEET CREEK	PRICE CREEK RD	0000	50	14.3	15	3	27.81	067.3
04C0151	SALMON CREEK	THOMAS ROAD	0000	250	16.0	13	3	61.67	052.8
04C0152	DOBBYN CREEK	FORT SEWARD ROAD	0000	120	27.8	22	6	23.93	075.2
04C0153	SHIVELEY CREEK	SHIVELEY ROAD	0000	150	22.0	20	5	22.81	083.6
04C0154	FISH CREEK	BENBOW DR	0000	1,500	28.2	25	3	42.52	084.2
04C0155	E BR SOUTH FORK EEL RIV	LAKE BENBOW DR	0000	100	26.2	26	7	33.02	065.9
04C0156	BEAR GULCH	REDWOOD DR	0000	1,500	23.6	24	6	72.82	049.0
04C0158	DEAN CREEK	REDWOOD DR	0000	1,200	24.0	24	7	67.89	040.2
04C0166	COPPER CR	ALDERPOINT RD	0000	165	22.0	22	5	30.61	077.6
04C0167	DAVIS CR	MATTOLE RD	0000	250	18.3	18	6	66.77	049.8
04C0168	DOMINGO CR	MATTOLE RD	0000	250	17.9	15	8	52.14	057.5
04C0169	SOUTH DOBBYN CREEK	ALDERPOINT RD	0000	466	18.8	20	4	47.63	066.4
04C0170	PERRY SLOUGH	COFFEE CREEK ROAD	0000	200	20.0	20	5	36.48	078.0
04C0171	LARABEE LOW LEVEL-EEL RI	HOLMES FLAT ROAD	0000	200	12.0	10	5	74.22	041.7
04C0172	EEL RIVER	MCCANN ROAD	0000	100	10.9	14	5	40.11	065.9
04C0173	MARTIN SLOUGH	PINE HILL RD	0000	250	19.0	18	8	66.78	056.8
04C0174	RANGER FLAT DRAW	ETSBRG HNYDEW RD	0000	200	17.7	20	4	55.54	053.0
04C0175	MATTOLE RIVER	CENTERVILLE RD	0000	200	17.9	13	7	46.87	068.5
04C0178	FLEENER CREEK	ELINOR RD	0000	20	8.5	10	8	60.01	043.9
04C0179	GREENLOW CREEK	SHOWER PASS RD	0000	50	12.4	9	3	86.42	016.9
04C0181	OLSEN CREEK	ISHI PISHI RD	0000	1,500	12.2	11	7	45.82	076.3
04C0184	JOHNSON GULCH	UPPER BEAR RIV RD	0000	20	11.8	14	3	70.01	046.9
04C0185	MAPLE CREEK	JACKSON RANCH RD	0000	500	21.4	20	5	42.12	076.7
04C0187	TRIB TO N FK MATTOLE RIV	BUTLER VALLEY RD	0000	40	18.1	18	4	25.61	073.5
04C0189	MCKEE CREEK	MATTOLE RD	0000	175	15.5	16	3	34.30	073.0
04C0190	MORGAN SLOUGH	N FORK RD	0000	200	11.5	13	4	122.25	002.0
04C0191	PRICE CREEK	BRICELAND-THORNE R	0000	600	22.5	20	6	48.80	059.7
04C0192	PRICE CREEK	MORGAN RD	0000	50	9.6	11	6	55.25	047.2
04C0194	PRICE CREEK	PRICE CREEK ROAD	0000	175	20.0	24	5	63.50	050.2
04C0195	ROHNER CREEK	PRICE CREEK RD	0000	50	12.6	14	4	37.10	065.0
04C0197	SALMON CREEK	CARSON WOODS RD	0000	50	14.4	24	8	32.70	070.2
04C0200	SALMON CREEK	TOMKINS HILL ROAD	0000	200	16.0	16	4	54.26	056.1
04C0201	SQUAW CREEK	HOKKTON ROAD	0000	550	16.0	14	6	60.08	059.1
04C0203	VANARKEN CREEK	FIELDBROOK RD	0000	1,200	20.3	20	5	60.88	057.5
04C0205	WARREN CREEK	BRICELAND THORN RD	0000	600	28.0	28	4	80.64	035.6
04C0206	WILLIAMS CREEK	WEST END ROAD	0000	500	18.5	17	4	58.70	058.9
04C0207	WILLIAMS CREEK	WILLIAMS CREEK RD	0000	100	20.0	15	4	83.83	035.3
04C0208	WILLIAMS CREEK	WILLIAMS CREEK RD	0000	20	18.0	12	6	26.56	072.7

DISTRICT 01

BRIDGE NUMBER	FEATURES INTERSECTED	FACILITY CARRIED	RAIL RATE	ADT	BRIDGE WIDTH	APPR WIDTH	A ALI ITEM 72	BDR* FACTOR	SUFFICIENCY RATING
COUNTY OF HUMBOLDT									
04C0209	WILLIAMS CR	GRIZZLY BLUFF RD	0000	750	20.0	21	6	78.26	048.5
04C0212	REDWOOD CREEK	BRICELAND ROAD	0000	250	20.3	20	4	48.21	059.4
04C0214	LARABEE CREEK	ALDERPOINT RD	0000	200	28.0	28	4	20.64	088.5
04C0215	NISSEN SLOUGH	NISSEN RD	0000	150	10.3	9	8	33.78	070.8
04C0219	WOLVERTON GULCH	RIVER BAR RD	0000	100	13.0	9	4	59.77	051.1
04C0223	WILSON CREEK	ISHI PISHI ROAD	0000	600	16.7	20	3	41.10	078.8
04C0224	MAREEP CREEK	IRR CAPPELL RD	0000	350	18.2	20	7	52.70	058.9
04C0236	KLAMATH RIVER	ISHI PISHI RD	0000	200	28.0	18	4	15.65	094.8
04C0239	S FORK EEL RIVER	SMITH POINT	0111	1,500	24.0	24	5	51.30	074.1
04C0241	DRY CREEK	MATTOLE RD	0000	250	14.0	20	7	64.78	052.6

BOARD OF SUPERVISORS, COUNTY OF HUMBOLDT, STATE OF CALIFORNIA

Certified Copy of Portion of Proceedings, Meeting of Tuesday, May 6, 1997

RESOLUTION NO. 97-56

**HONEYDEW BRIDGE (4C-055)
ON MATTOLE ROAD (NO. FED010/FEC010)**

WHEREAS, Honeydew Bridge on Mattole Road in Humboldt County, California, is in a condition unsuitable for rehabilitation such that it should be replaced; and

WHEREAS, the Board of Supervisors of Humboldt County wishes to replace said bridge under the Federal Highway Administration (FHWA) Bridge Replacement Program.

NOW, THEREFORE, the Board of Supervisors of the County of Humboldt resolves that:

1. Honeydew Bridge (4C-055) is critically needed for emergency vehicles access for local residents and for fire access to forested areas.
2. Honeydew Bridge (4C-055) is critically needed since there is no available detour nor alternate access route to serve the needs of existing residences.
3. Honeydew Bridge (4C-055) is significant to the local economy in that it provides access to important timber and agricultural lands.
4. Honeydew Bridge (4C-055) has restricted vertical clearance which prohibits the transport of critically-needed heavy equipment to repair and reopen roads during severe storms. The replacement of the bridge will alleviate this problem and improve our response time during emergencies.

Adopted on motion by Supervisor **DIXON**, second by Supervisor **KIRK**, and the following vote:

AYES: Supervisors Dixon, Rodoni, Woolley, Neely, and Kirk
 NAYS: None
 ABSENT: None
 ABSTAIN: None

STATE OF CALIFORNIA)
 County of Humboldt) ..

I, LORA FREDIANI, Clerk of the Board of Supervisors, County of Humboldt, State of California, do hereby certify the foregoing to be a full, true, and correct copy of the original made in the above-entitled matter by said Board of Supervisors at a meeting held in Eureka, California as the same now appears of record in my Office.

TIC	FILE	SEC	RP	PK	NR		EM	RD	MAINT	ENG	BUS	AV	DIR	PUBLIC WORKS
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MAY 19 1997

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Seal of said Board of Supervisors.

LORA FREDIANI

Clerk of the Board of Supervisors of the County of Humboldt, State of California

Lora Frediani
 May 6, 1997