

PRELIMINARY INFORMATION SHEET

INDEX OF SHEETS

1.	TITLE SHEET
2.	PRELIMINARY INFORMATION SHEET
3.-4.	PROJECT TYPICAL SECTIONS
5.	ROADWAY PAVING DETAILS
6.-7.	TIE SHEET
8.-11.	LAYOUT PLAN
12.-14.	TH 10 PROFILE
15.	CLEMENT ROAD PROFILE
16.-19.	RESOURCE LAYOUT PLAN
20.-21.	EPSC NARRATIVE
22.-24.	EPSC DETAILS
25.-28.	EPSC EXISTING CONDITIONS SITE PLAN
29.	EPSC TEMPORARY CONSTRUCTION SITE PLAN
30.-33.	EPSC CONSTRUCTION SITE PLAN
34.-37.	EPSC FINAL CONDITIONS SITE PLAN
38.	BORING INFORMATION SHEET
39.-43.	BORING LOG SHEET
44.	PLAN AND ELEVATION
45.-51.	TH 10 CROSS SECTIONS
52.-56.	CHANNEL CROSS SECTIONS

LIST OF STANDARDS

A-76	03-03-2003
B-1	06-01-1994
B-5	06-01-1994
B-11	06-01-1994
B-12	06-01-1994
B-71	07-08-2005
C-2B	10-14-2005
C-3A	03-10-2008
C-3B	03-10-2008
C-10	02-11-2008
D-13	01-03-2000
D-15	06-01-1994
D-20	03-03-2003
D-22	03-10-1995
E-100	01-02-2004
E-100A	01-02-2004
E-101	05-30-2003
E-102	06-30-2003
E-102A	05-01-2004
E-106	03-01-2004
E-107	06-30-2003
E-108	06-08-2009
E-110	08-08-1995
E-111	03-11-1997
E-119	03-01-2004
E-121	08-08-1995
E-131B	05-30-2003
E-134	08-08-1995
E-164	06-08-2009
E-191	02-01-1999
E-193	08-18-1995
G-1	01-03-2000
G-1D	01-03-2000
SB-R6-82	01-06-1995

SCOPE OF WORK

1. INSTALLATION OF CONSTRUCTION APPROACH SIGNING, WORK ZONE TRAFFIC MANAGEMENT PLAN AND EROSION CONTROL FEATURES. RELOCATION OF OVERHEAD UTILITIES, AS REQUIRED, AND ESTABLISHMENT OF CONSTRUCTION STAGING AREAS.
2. INSTALLATION OF TEMPORARY CAUSEWAY, COFFERDAM AND PILE FOUNDATION. CONSTRUCTION OF PROPOSED CAST-IN-PLACE CONCRETE WALL TYPE PIER.
3. INSTALLATION OF PILE FOUNDATIONS AND CONSTRUCTION OF PROPOSED CAST-IN-PLACE CONCRETE STUB ABUTMENTS.
4. INSTALLATION OF PREFABRICATED TRUSSES, FLOOR SYSTEM AND BRIDGE SUPPORTED UTILITIES.
5. INSTALLATION OF EXODERMIC CONCRETE DECK, CANTILEVERED SIDEWALK, APPROACH SLABS AND RAIL SYSTEMS.
6. CONSTRUCTION OF PROPOSED EMBANKMENTS AND RELATED OFFLINE APPROACH WORK.
7. SHIFT TRAFFIC TO NEW ALIGNMENT AND CONSTRUCT REMAINDER OF APPROACHES UNDER TEMPORARY, PARTIAL CLOSURES.
8. REMOVE TEMPORARY BRIDGE FROM EXISTING STRUCTURE AND STOCKPILE. REMOVE EXISTING SUPERSTRUCTURE AND MODIFY CONCRETE PORTION OF EXISTING ABUTMENTS. REMOVE EXISTING PIER BELOW MUDLINE.
9. COMPLETE FINAL GRADING, REMOVE EROSION CONTROL FEATURES, CLEAN UP AND DEMOBILIZE FROM SITE.

FINAL HYDRAULIC

HYDROLOGIC DATA

Date:

DRAINAGE AREA :
CHARACTER OF TERRAIN :
STREAM CHARACTERISTICS :
NATURE OF STREAMBED :

PEAK FLOW DATA

Q 2.33 =
Q 10 =
Q 25 =
Q 50 =
Q 100 =
Q 500 =

DATE OF FLOOD OF RECORD :
ESTIMATED DISCHARGE :
WATER SURFACE ELEV.:

NATURAL STREAM VELOCITY :
ICE CONDITIONS :
DEBRIS :
DOES THE STREAM REACH MAXIMUM HIGHWATER ELEV. RAPIDLY?
IS ORDINARY RISE RAPID?
IS STAGE AFFECTED BY UPSTREAM OR DOWNSTREAM CONDITIONS?
IF YES, DESCRIBE:

WATERSHED STORAGE: HEADWATERS:
UNIFORM:
IMMEDIATELY ABOVE SITE:

EXISTING STRUCTURE INFORMATION

STRUCTURE TYPE: STEEL WARREN PONY TRUSS
YEAR BUILT: 1928
CLEAR SPAN(NORMAL TO STREAM): 71.5' (SPAN 1) 91.3' (SPAN 2)
VERTICAL CLEARANCE ABOVE STREAMBED: 15.5'
WATERWAY OF FULL OPENING:
DISPOSITION OF STRUCTURE: DEMOLISH, REPLACE OFFLINE
TYPE OF MATERIAL UNDER SUBSTRUCTURE: STRATIFIED SOIL DEPOSITS

WATER SURFACE ELEVATIONS AT:

Q2.33 =
Q10 =
Q25 =
Q50 =
Q100 =
VELOCITY =
"
"
"
"

LONG TERM STREAMBED CHANGES:

IS THE ROADWAY OVERTOPPED BELOW Q100:
FREQUENCY:
RELIEF ELEVATION:
DISCHARGE OVER ROAD @Q100:

UPSTREAM STRUCTURE

TOWN: DISTANCE:
HIGHWAY #: STRUCTURE #:
CLEAR SPAN: CLEAR HEIGHT:
YEAR BUILT: FULL WATERWAY:
STRUCTURE TYPE:

DOWNSTREAM STRUCTURE

TOWN: DISTANCE:
HIGHWAY #: STRUCTURE #:
CLEAR SPAN: CLEAR HEIGHT:
YEAR BUILT: FULL WATERWAY:
STRUCTURE TYPE:

TRAFFIC DATA

YEAR	ADT	DHV	% D	% T	ADTT
2012	2100	260	61	0.9	130
2032	2200	270	61	1.2	190

20 year ESAL for flexible pavement from 2012 to 2032 : 440.00
40 year ESAL for flexible pavement from 2012 to 2052 : 1,020.00
Design Speed : 30 mph

