FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
42	2BR	WASHINGTON	33	11
STA.		TO STA.		
EXISTING CONDITIONS:				

CONTRACT NO. 76389

EXISTING STRUCTURE NO 95-0024

SINGLE SPAN REINFORCED T-BEAM BRIDGE ON CLOSED ABUTMENTS WITH TIMBER PILES 53'-0" BK TO BK ABUTMENTS, 43'-6" O TO O DECK

REMOVAL OF EXISTING STRUCTURES-1 EACH (TO BE REMOVED IN STAGES)

Exist. Curve C1
PI Sta. 484+17.40
Δ = 44° 23' 09" (RT)
D = 4° 23' 56"
T = 531.35'
R = 1,302.50'
L = 1,009.02'
E = 104.21'
PC Sta. 478+86.04
PT Sta. 488+95.06
SE 6.3%

INDICATES LIMITS OF PAVEMENT REMOVAL

STA 487+25 PROP STRUCTURE NO. 095-0076
ONE SPAN WF BEAM BRIDGE WITH INTERGAL ABUTMENTS, 85'-6" BK TO BK ABUTMENTS, 40'-2" O TO O DECK, SKEW 0°

PROPOSED INLET BOX TYPE D STANDARD 609006
PROPOSED PIPE DRAINS 12" WITH STANDARD 542401 END SECTION, PIPE ELBOWS, AND CONCRETE THRUST BLOCK.

TEMPORARY EROSION CONTROL LEGEND
TEMPORARY DITCH CHECK
PERIMETER EROSION BARRIER

GRADING LIMITS
BEGIN PROJECT STA. 483+27
EXISTING ROW
℄ FAP RTE. 42 (IL 127)
485+00
BUTT JOINT STA 485+90
℄ STA. 485+92
℄ P.T. Sta 488+95.06
℄ STA. 490+19.5
490+00
GRADING LIMITS
END PROJECT STA 491+23
80' EXIST ROW
PROPOSED BITUMINOUS BASE COURSE, SUPERPAVE 8" (TYP)
BUTT JOINT STA 488+60
PROPOSED BRIDGE APPROACH PAVEMENT STANDARD 420401 (TYP)

CHISELED "X" IN HEADWALL
MAG NAIL
54.82'
L 118°
50.58'
P.C.
CHISELED "X" IN HEADWALL

P.C. STA. 478+86.04
MAG NAIL

INSIDE CORNERS OF GUARDRAIL
35.04'
32.39'
34.58'
32.10'
INSIDE CORNERS OF GUARDRAIL

STA. 487+25
CHISELED "X"

MAG NAIL AT END POST
97.83'
111.28'
MAG NAIL
117.37'
P.T.
114.71'
MAG NAIL
MAG NAIL AT END POST

P.T. STA. 488+95.60
MAG NAIL

SEC. 31 T.1N R.2W, 3RD P.M.

50' 0 50' 100'
SCALE: 1" = 50'

CHANNEL EXCAVATION

THE CHANNEL SHALL BE EXCAVATED AS SHOWN WITHIN THE LIMITS OF THE PROPOSED STRUCTURE THEN TAPER TO THE EXISTING CHANNEL AT THE ROW LINES. SUITABLE EXCAVATED MATERIAL MAY BE USED IN THE EMBANKMENT AS DIRECTED BY THE ENGINEER

CHANNEL EXCAVATION = 1,040 CU YD

WAS 3-4 I.D.O.T. MON. S.E. WINGWALL
TOP OF BRIDGE #095-0024
23' LT STA. 487+49
ELEV. = 430.18

EARTH EXCAVATION = 255 CU. YD.
EMBANKMENT = 165 CU. YD.

EXISTING ℄ PROFILE
BUT JOINT MATCH EXISTING PAVEMENT
DESIGN H.W. ELEV 423.67 (50 YR.)
-1.04%
PROPOSED ℄ PROFILE
-1.20%
-.39%
BUT JOINT MATCH EXISTING PAVEMENT
485+90.00 ELEV = 431.02
486+60.00 ELEV = 430.40
488+00.00 ELEV = 428.60
488+60.00 ELEV = 427.77
STONE RIPRAP, CLASS A5
CHANNEL EXCAVATION
STREAMBED ELEV. 412.2

482+00	483+00	484+00	485+00	486+00	487+00	488+00	489+00	490+00	491+00
435.67	434.54	433.36	432.07	430.90 / 430.92	430.17 / 430.40	429.52 / 429.80	428.95 / 429.20	428.37 / 428.60	427.89 / 427.91	427.27	426.49	426.22	426.08	426.11

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, NOTE BOOK, NO. ____, BY, DATE, PLOT FILE NAME, ALL NOTES CHKD

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, NOTE BOOK, NO. ____, FINISHING NOTATIONS CHKD, BY, DATE

PLOT DATA
•DGN-SPEC•
•REF-DFILE\M06.DGN• LVs 3-75,77-82,89-91
•REF-DFILE\M08.DGN• LVs 2-82
•REF-RFILE\M06.DGN• LVs 2-82