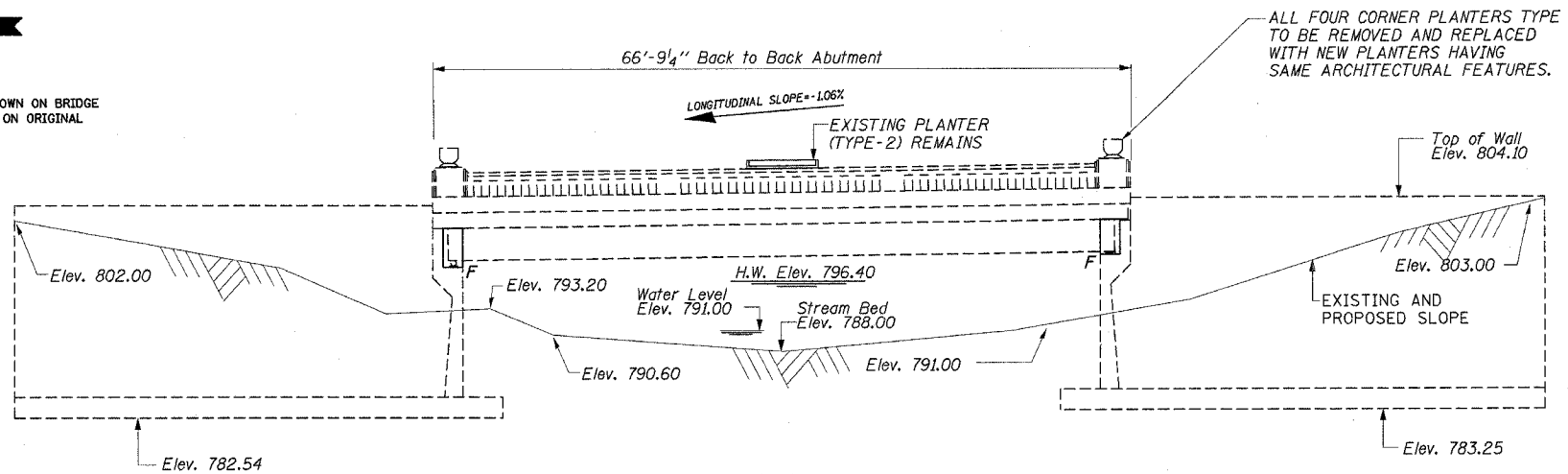


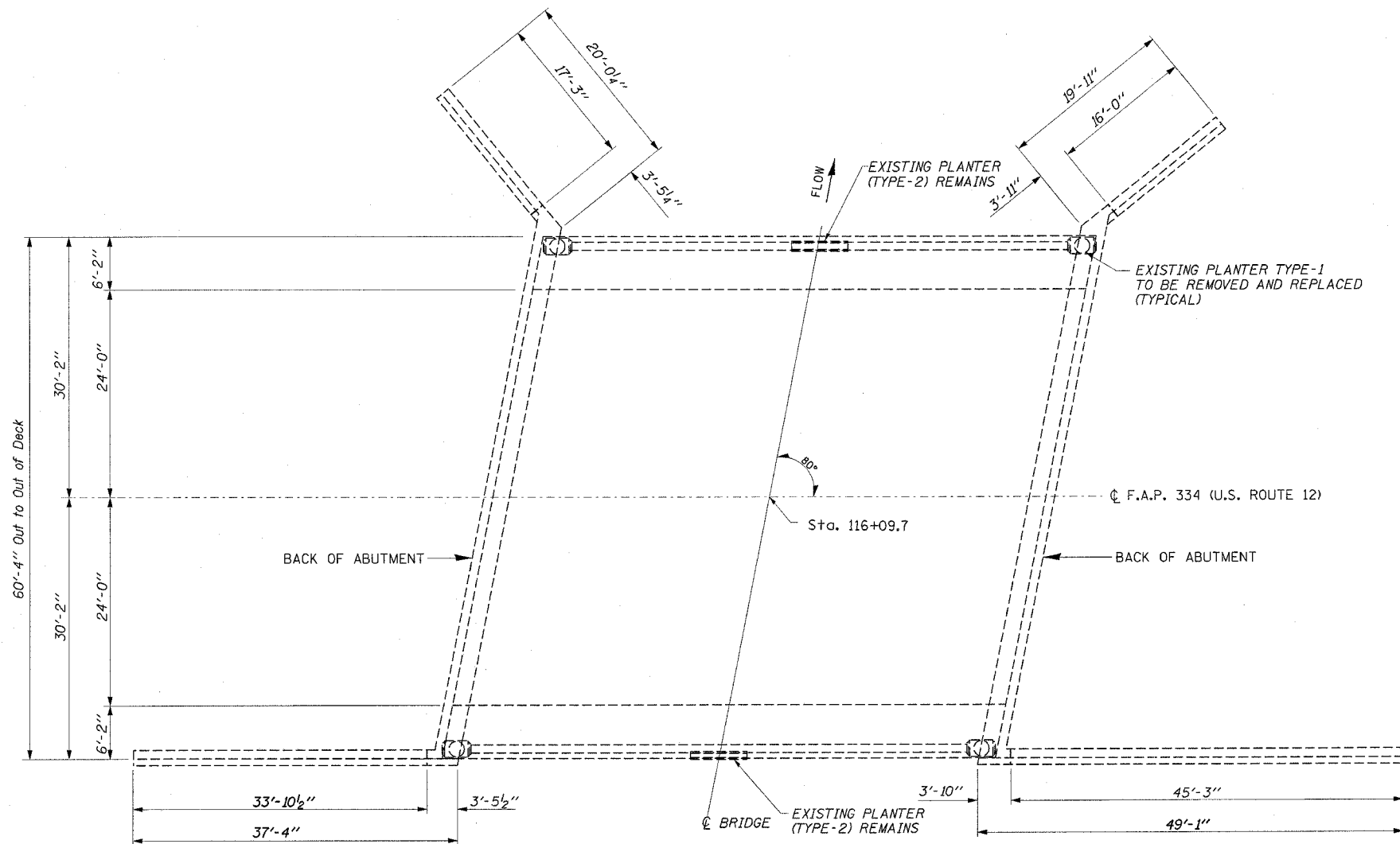
REF-
REF-
REF-



NOTE:
NORTH ORIENTATIONS, SHOWN ON BRIDGE
DRAWINGS, MATCH THOSE ON ORIGINAL
AS BUILT DRAWINGS.



ELEVATION
(LOOKING EAST)



PLAN

SHEET S1 OF S10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	**	McHENRY	99	62
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
** 111 RS-5 & 116 B-1 CONTRACT NO. 60A91				

SCOPE OF WORK:
AS SHOWN:

1. STRIP EXISTING BRIDGE DECK OVERLAY.
2. PATCH WHERE NECESSARY.
3. SCARIFY 1/4"
4. REMOVE AND ELIMINATE LONGITUDINAL JOINT.
5. PLUG ELEVEN EXISTING DECK DRAINS.
6. INSTALL CONCRETE DIAPHRAGMS.
7. APPLY 3/8" BRIDGE DECK THIN POLYMER OVERLAY.
8. PERFORM SIDE WALK REPAIRS.
9. PERFORM STRUCTURAL REPAIR OF CONCRETE.
10. REMOVE AND REPLACE ALL FOUR CORNER PLANTERS.

STATISTICS:

1997 ADT - 6800
2015 ADT - 16,510
POSTED SPEED - 35 mph
ORIGINALLY CONSTRUCTED 1951

GENERAL NOTES:

Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work; however, the contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.

Reinforcement bars shall conform to the requirements of ASTM A 706 or 60 (L Modified). See Special Provisions

THE CONTRACTOR MUST USE EXTREME CARE DURING CONCRETE REMOVAL AS NOT TO NICK, CUT, OR DAMAGE ANY OF THE STRUCTURAL STEEL AND NOT TO DAMAGE OR CUT ANY EXISTING REINFORCEMENT BARS THAT ARE TO BE INCORPORATED INTO THE NEW CONSTRUCTION. ANY DAMAGE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST SHALL BE INCLUDED IN COST OF "CONCRETE REMOVAL".

FIELD CUTS OF PROPOSED REINFORCEMENT BARS TO FIT FIELD CONDITIONS SHALL BE INCLUDED IN THE COST OF REINFORCEMENT BARS EPOXY COATED.

REINFORCEMENT DESIGNATED (E) SHALL BE EPOXY COATED.
DO NOT SCALE DIMENSIONS.

NOTE:

CREEK BED SURVEYED, NOVEMBER, 2003

TOTAL BILL OF MATERIALS

ITEM	UNIT	QUANTITY
Reinforcement Bars, (Epoxy Coated)	POUND	4900
Concrete Superstructure	CU. YD.	28.8
Concrete Removal	CU. YD.	5.9
Concrete Bridge Deck Scarification, 1/4"	SQ. YD.	359
Deck Slab Repair (Partial Depth)	SQ. YD.	21
HMA Concrete Removal (Deck)	SQ. YD.	359
Structural Repair of Concrete < 5 Inches	SQ. FT.	491.5
Structural Repair of Concrete > 5 Inches	SQ. FT.	160
Plug Existing Deck Drains	EACH	11
Bridge Deck Thin Polymer Overlay, 3/8"	SQ. YD.	359
Planters	EACH	4

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 12 BRIDGE
OVER NORTH BRANCH NIPPERSINK CREEK
GENERAL PLAN AND ELEVATION
S.N. 056-0017

SCALE : NONE
DATE : APRIL, 2004

DRAWN BY : MVT
CHECKED BY : RSS

DISTRICT ONE - DESIGN
PLAN PREPARATION ENGINEER JOHN FORTMANN / RUSS SINHA (847) 705-4209 / ATTENTION MARK V. TINIAKOS (847) 705-4266