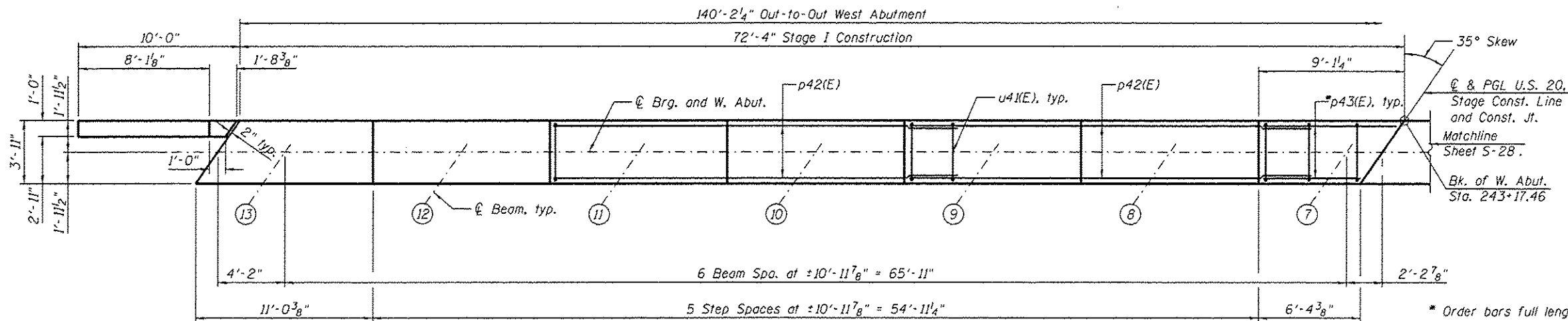
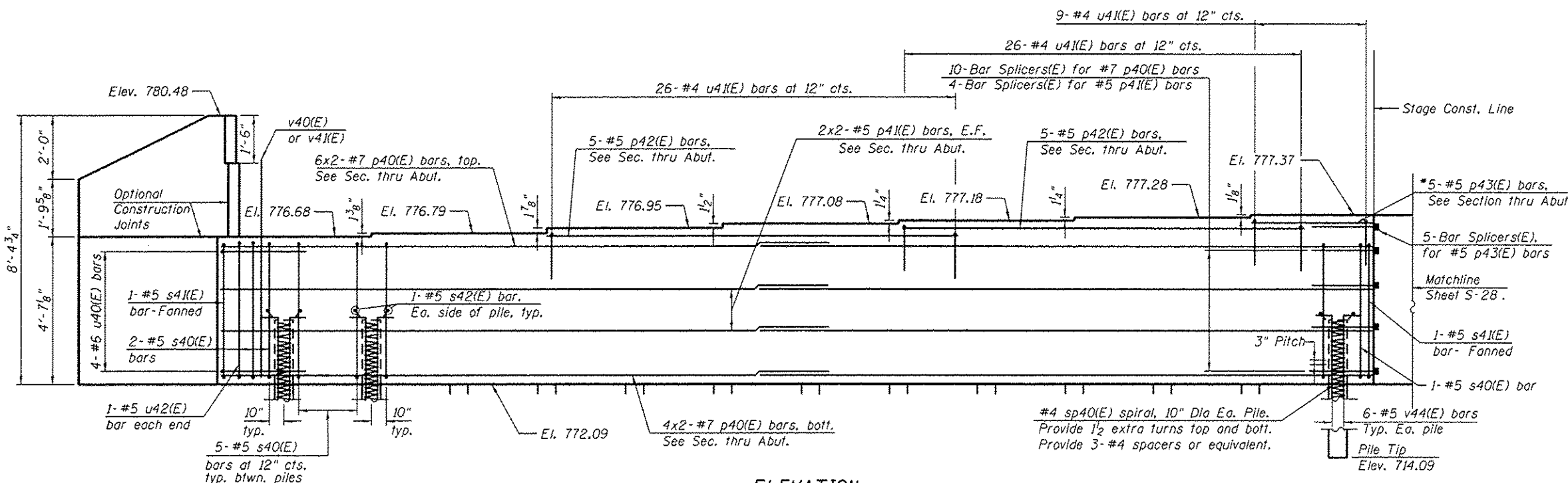


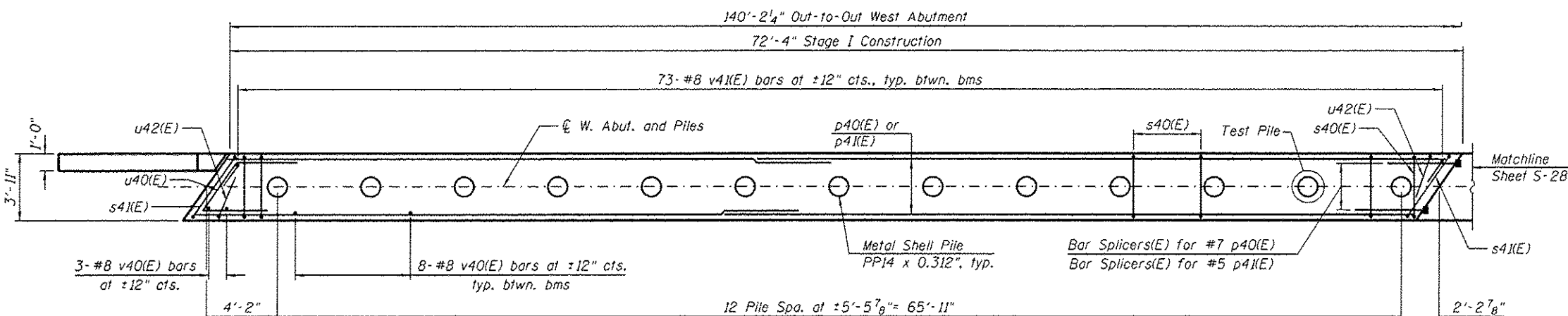
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PLAN



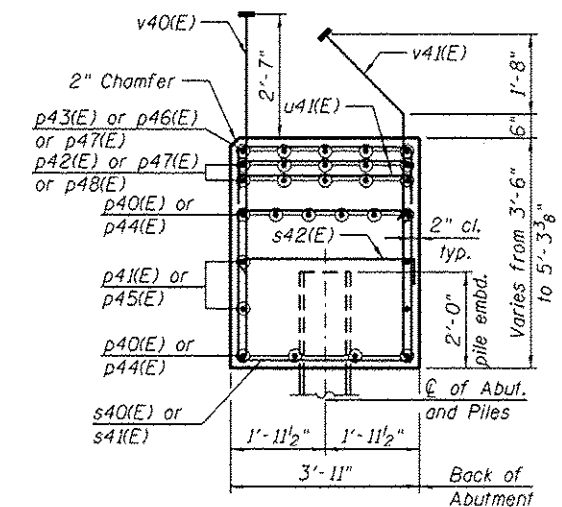
ELEVATION
(Looking West)



PILE LAYOUT

NOTES:

1. For bar diagrams, minimum bar laps, and Bill of Material, see Sheet S-28.
2. For diaphragm details, see Sheet S-16.
3. For bar splicers, see Sheet S-32.
4. For details of piles, see Sheet S-31.
5. Bars noted thus, 2x2-#5 indicates 2 lines of bars with 2 lengths per line.
6. Pour steps monolithically with cap.
7. For Granular Backfill for Structures and Pipe Underdrain for Structures, see Sheet S-02.
8. For Pile Data, see Sheet S-28.
9. Headed bars shall conform to ASTM A970 with threaded attachment; Class HA; and reinforcement bars conforming to ASTM A706; Cost included with Reinforcement Bars, Epoxy Coated



SEC. THRU ABUT.
(Dimensions at right angles to abutment)

HBM
ENGINEERING GROUP, LLC
CONSULTING & DESIGN
INSPECTION & TESTING
RESEARCH & TESTING

S27-WestAbut.dgn
USER NAME: jlsabuntin
PLOT SCALE: 8/8" = 1' / 1/4"
PLOT DATE: 1/10/2017

DESIGNED - SK, MAA
DRAWN - SK, MAA
CHECKED - MI, FA
DATE - 6/15/2016

REVISED - 01/10/2017 LAB
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WEST ABUTMENT - STAGE I CONSTRUCTION
STRUCTURE NO. 022-0548

SCALE: SHEET S-27 OF S-35 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
021/345	2015-006B-R	DUPAGE	170	121
CONTRACT NO. 62A60				
ILLINOIS FED. AID PROJECT				

Rev 1-11-17

FILE PATH = P:\625-677 1001 PIB163 Item 9 -Terra\Work Order #24 - U.S. Route 20 (Lake St.) Over West Branch DuPage River\CADD Sheets\S30-EastSubt2.dgn



1. For bar diagrams, minimum bar laps, and Bill of Material, see Sheet S-29.
2. For diaphragm details, see Sheet S-16 .
3. For bar splicers, see Sheet S-32.
4. For details of piles, see Sheet S-31 .
5. Bars noted thus, 2x2- #5 indicates 2 lines of bars with 2 lengths per line.
6. Pour steps monolithically with cap.
7. For Pipe Underdrain for Structures, see Sheet S-02.
8. For Pile Data, see Sheet S-29.
9. Headed bars shall conform to ASTM A970 with threaded attachment; Class HA; and reinforcement bars conforming to ASTM A706; Cast included with Reinforcement Bars, Epoxy Coated



(Dimensions at right angles to abutment)

Δ Rev 1-11-17