

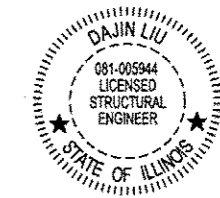
Bench Mark: Chisel "X" on S. flange bolt of F.H. on W. side of Peoria Street first F.H. S. of Van Buren Street.
Elev. 594.37
The walkway will be open to pedestrians during construction.

GENERAL NOTES

1. Reinforcement bars designated (E) shall be epoxy coated.
2. All construction joints shall be bonded.
3. Minimum bar laps shall be:
Bar Min. Lap
#4 2'-7"
#5 3'-3"
4. Station and offsets are measured from the baseline of Peoria Sidewalk to the base of the front face of the wall.
5. Exposed concrete edges shall have a standard 3/4" chamfer unless otherwise noted. Chamfer on vertical edges shall be continued a minimum of 1 foot below the finished ground line.
6. Protective Coat shall be applied to all exposed faces of Retaining Walls 1 and 2.
7. Contractor shall verify the locations of all utilities prior to drilling retaining wall foundations and shall respace shafts accordingly.
8. All excavation except the holes for the Drilled Shaft Concrete Foundations shall be included in the cost of Earth Excavation.

TOTAL BILL OF MATERIAL

Item	Unit	Total Quantity
Concrete Structures	Cu. Yd.	50.4
Rubbed Finish	Sq. Ft.	1,328
Protective Coat	Sq. Yd.	249
Reinforcement Bars, Epoxy Coated	Pound	5,090
Drilled Shaft Concrete Foundations	Cu. Yd.	21.3
Precast Wall Type A	Foot	91
Precast Wall Type B	Foot	41
Precast Wall Type C	Foot	110



Wang Li
8/15/14
DAJIN LIU, P.E., S.E.
NO. 081-005944
EXP. DATE 11/30/2014

INDEX OF SHEETS

- 1 General Plan - South Retaining Walls
- 2 Retaining Wall 1 - Plan and Elevation
- 3 Retaining Wall 2 - Plan and Elevation
- 4 Precast Wall Type A and B Details 1
- 5 Precast Wall Type A and B Details 2
- 6 Precast Wall Type C Details
- 7 Boring Logs

LOADING (SEAT WALL)

Live Load = 100 psf or
200 lbs Concentrated Load

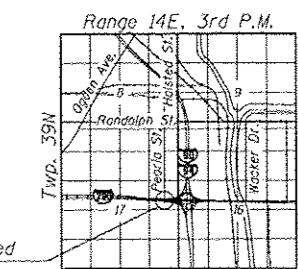
DESIGN SPECIFICATIONS

2012 AASHTO LRFD Bridge Design Specifications
6th Edition, with 2013 Interim Revisions

DESIGN STRESSES

FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

PRECAST UNITS
f'c = 5,000 psi



LOCATION SKETCH

GENERAL PLAN

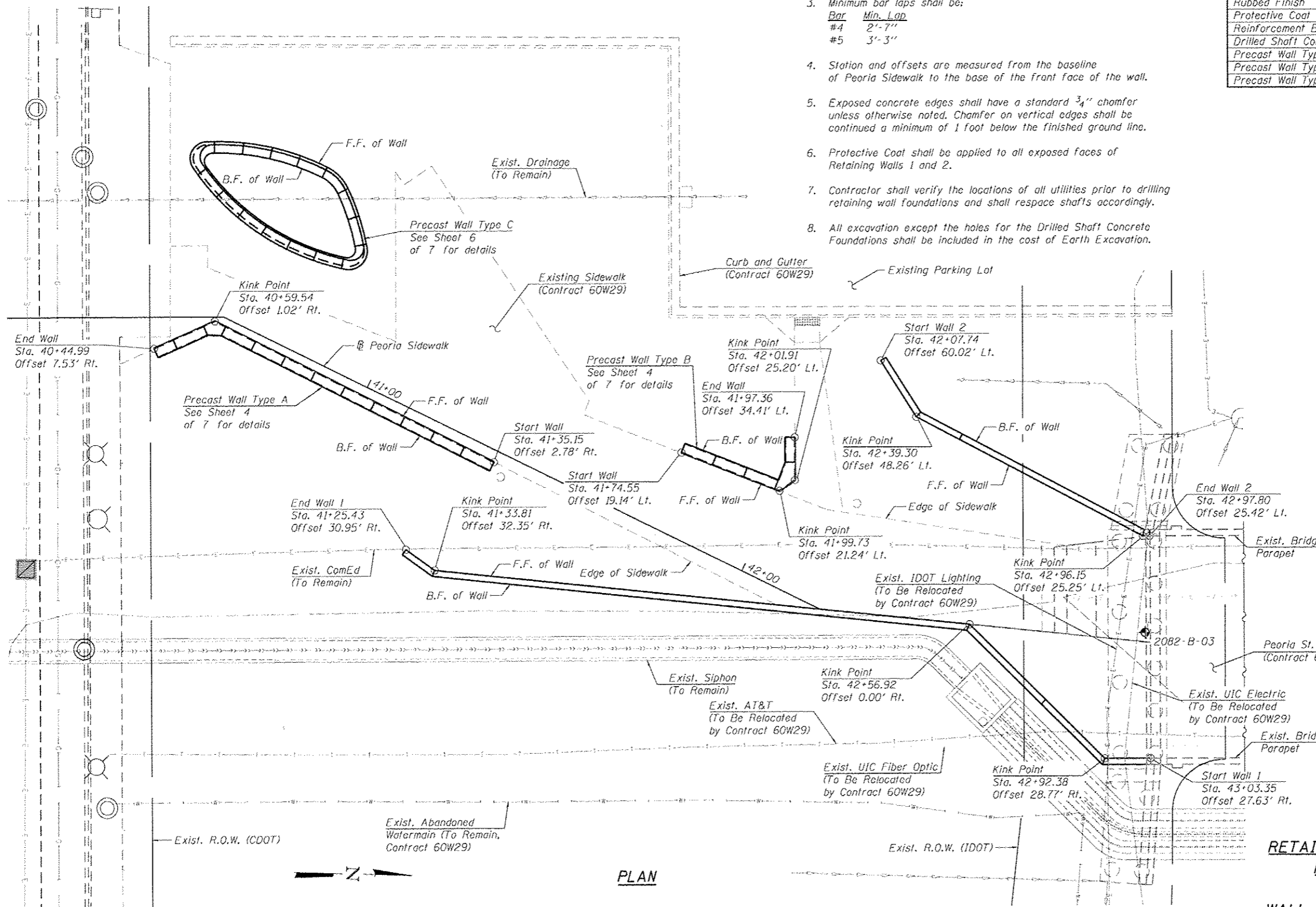
RETAINING WALL ALONG PEORIA STREET

MUN 2090 SECTION 2013-074I

COOK COUNTY

WALL 1 - STATION 41+25.43 TO 43+03.35

WALL 2 - STATION 42+07.74 TO 42+97.80



Notes:
F.F. denotes Front Face
B.F. denotes Back Face

3/30/2014 PM 01:10:08 - 60X62-5001 - Re: HCL_OP.dgn

	USER NAME = BAWIfort	DESIGNED = WJC	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN SOUTH RETAINING WALLS SHEET NO. 1 OF 7 SHEETS	MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 25.0000' / in. PLOT DATE = 8/19/2014	CHECKED = DL DRAWN = WJC CHECKED = DL/KAH	REVISED = REVISED = REVISED =			MUN 2090 SECTION 2013-074I COUNTY COOK TOTAL SHEETS 58 SHEET NO. 48	CONTRACT NO. 60X62 [ILLINOIS] FED. AID PROJECT			