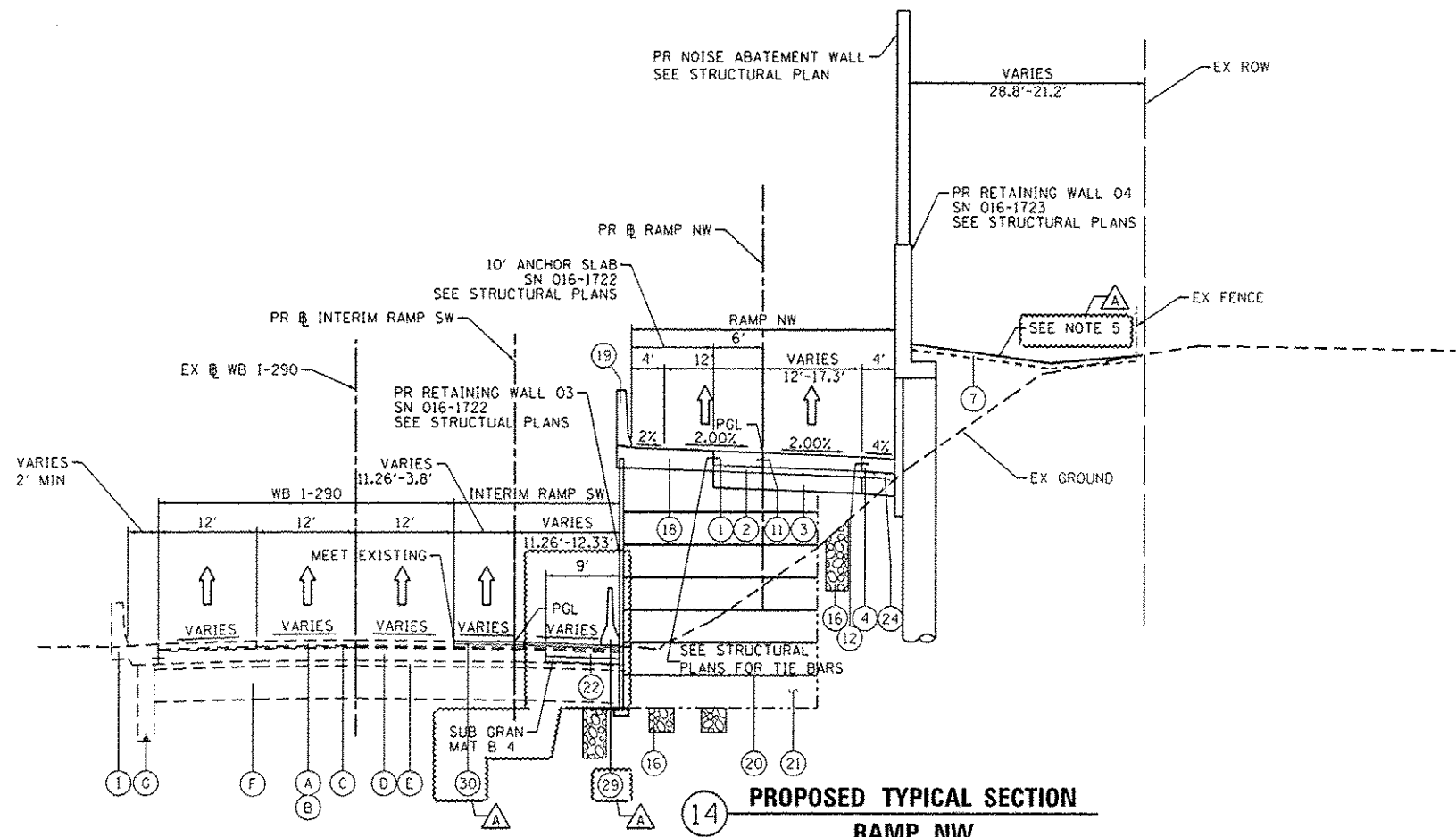


**13 EXISTING TYPICAL SECTION  
RAMP NW**  
STA 1838+98.00 TO STA 1841+26.23



**14 PROPOSED TYPICAL SECTION  
RAMP NW**  
STA 1838+98.00 TO STA 1841+26.23

RW 3 SN 016-1722 STA 1838+15.67 TO STA 1841+78.17  
 RW 4 SN 016-1723 STA 1838+23.17 TO STA 1841+26.23  
 PR NOISE ABATEMENT WALL AT RW 4 STA 1838+98.00 TO STA 1840+17.00 (O/S=0')  
 PR NOISE ABATEMENT WALL AT O/S STA 1840+17.00 TO STA 1841+28.70

**EXISTING**

- (A) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 2"
- (B) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, N80, 2"
- (C) BITUMINOUS CONCRETE SURFACE COURSE, CLASS I MIXTURE E, 1 1/2"
- (D) PORTLAND CEMENT CONCRETE BASE COURSE, 9 1/4"
- (E) STABILIZED SUBBASE, 4"
- (F) POROUS GRANULAR EMBANKMENT, 24"
- (G) PIPE UNDERDRAIN, 6"
- (H) BITUMINOUS SHOULDER, 10"
- (I) PORTLAND CEMENT CONCRETE SHOULDER, 9"
- (J) COMBINATION CONCRETE CURB & GUTTER TYPE M-6.24

**PROPOSED**

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
- (2) STABILIZED SUBBASE-HOT MIX ASPHALT, 4"
- (3) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (4) PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"
- (5) RETAINING WALL / MSE WALL
- (6) ITEM REMOVED
- (7) TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A
- (8) CONCRETE BARRIER BASE
- (9) CONCRETE BARRIER, SINGLE FACE, 42" HEIGHT
- (10) CONCRETE BARRIER, DOUBLE FACE, 42" HEIGHT
- (11) LONGITUDINAL CONSTRUCTION JOINT, #6 EPOXY COATED BARS AT 30" CENTERS, INCLUDED IN COST OF PCC ITEMS
- (12) LONGITUDINAL CONSTRUCTION JOINT, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF PCC ITEMS
- (13) TIE BARS, #6 EPOXY COATED BARS AT 24" CENTERS, INCLUDED IN COST OF COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (14) PIPE UNDERDRAINS 6"
- (15) CHAIN LINK FENCE, 6'
- (16) AGGREGATE COLUMN (SEE STRUCTURAL PLANS)
- (17) CAST-IN-PLACE CONCRETE COPING SEAL WITH PJF (SEE STRUCTURAL PLANS)
- (18) ANCHOR SLAB (SEE STRUCTURAL PLANS)
- (19) PARAPET (SEE STRUCTURAL PLANS)
- (20) SOIL REINFORCEMENT (SEE STRUCTURAL PLANS)
- (21) LIGHTWEIGHT FILL (SEE STRUCTURAL PLANS)
- (22) TEMPORARY PAVEMENT
- (23) TEMPORARY CONCRETE BARRIER
- (24) SUBBASE GRANULAR MATERIAL, TYPE C 4"
- (25) CONCRETE MEDIAN SURFACE, SPECIAL - 4"
- (26) POROUS GRANULAR EMBANKMENT
- (27) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (28) PORTLAND CEMENT CONCRETE SHOULDER, 10"
- (29) TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)
- (30) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, (IL-9.5 MM); 1 3/4"
- (31) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 2 1/4"
- (32) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 MM); 2"

**NOTES:**

1. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE IMPROVEMENT UNDER THE SHOULDER TO DRAIN TO UNDERDRAINS SHALL BE INCLUDED IN THE COST PER SQ. YD. OF AGGREGATE SUBGRADE IMPROVEMENT 24".
2. THE MAXIMUM ROLLOVER BETWEEN THE PAVEMENT AND THE SHOULDER ON THE HIGH SIDE OF THE SUPERELEVATION IS 8.0%.
3. FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) DETAILS, SEE JOINTING AND PCC PAVEMENT DETAIL PLAN.
4. SEE SE TRANSITION DATA TABLE FOR SUPERELEVATION TRANSITIONS.
5. SEE GRADING PLAN FOR GRADING LIMITS AND SLOPES.
6. SEE ROADWAY DETAILS FOR ADDITIONAL INFORMATION AND LIMITS OF VARIOUS TYPES OF CONCRETE BARRIERS.
7. TIE BARS FOR BARRIER WALLS ARE NOT SHOWN ON THE TYPICAL SECTIONS FOR CLARITY.

BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.



DIGW28-sh1-Typical-06.dgn	DESIGNED - KAM	REVISED - 5/27/2014
USER NAME: alizadeh	DRAWN - NSA	REVISED -
PLOT SCALE: 1/8" = 1'-0"	CHECKED - KCF	REVISED -
PLOT DATE: 5/27/2014	DATE - 04/28/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: NONE	SHEET 6	OF 11 SHEETS	STA.	TO STA.	F.A.J. RTE. 90/94/290	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 27	CONTRACT NO. 60W28	ILLINOIS FED. AID PROJECT
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