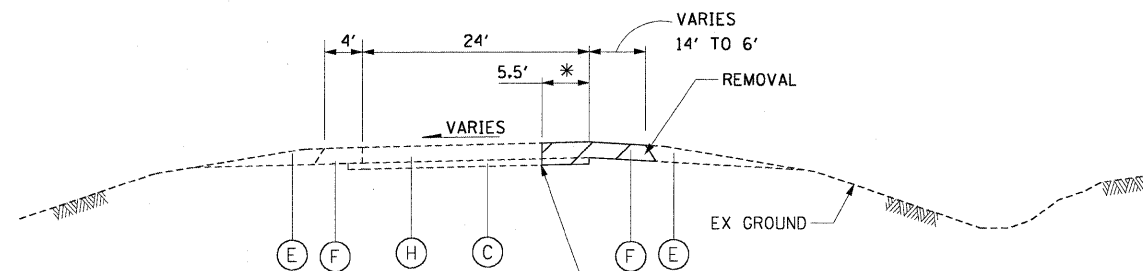


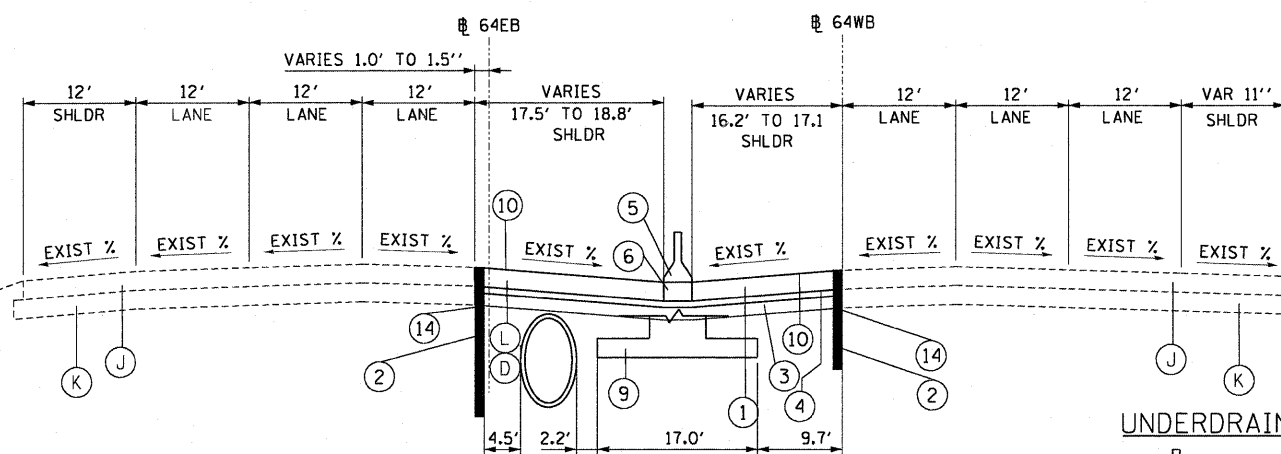
**EXISTING/PROPOSED 15TH STREET EAST OF BAUGH AVE.**

STA 12+01.69 TO STA 12+23.19 (15TH ST.)  
 \* EXISTING SIDEWALK ENDS AT STA. 12+14.36 (15TH ST.)  
 \* \* PR CURB AND GUTTER FROM STA. 12+01.69 TO STA. 12+57.74



**EXISTING RAMP "A" (FOR REMOVAL ONLY)**

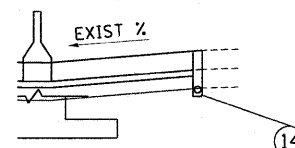
STA. 44+67.51 TO STA. 44+94.51 (64EB)  
 \* REMOVAL SHOWN DUE TO PIER 4 CONSTRUCTION



**EXISTING / PROPOSED 64E AND 64W**

64WB - STA. 97+12.61 TO STA. 98+17.08  
 64EB - STA. 44+67.38 TO STA. 45+72.18  
 \* SEE UNDERDRAIN DETAIL

**UNDERDRAIN DETAIL**



NOTE:  
 REMOVE TEMPORARY SOIL RETENTION SYSTEM AFTER THE CONSTRUCTION OF PIER 6 AND THE 54" SEWER RELOCATION. CONNECT THE PROPOSED UNDERDRAINS TO THE EXISTING UNDERDRAIN SYSTEM AFTER THE REMOVAL OF THE TEMP SOIL RETENTION SYSTEM.

**BITUMINOUS MIXTURE REQUIREMENT**

APPLICATION	ITEM	AC TYPE	VOIDS	RAP%
SURFACE COURSE	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	PG 64-22	4% @ 70 GYR	15
BINDER COURSE	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	PG 64-22 / 58-22	4% @ 70 GYR	25
SURFACE COURSE	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	PG 64-22	4% @ 50 GYR	15
BINDER COURSE	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	PG 64-22 / 58-22	4% @ 50 GYR	25

**EXISTING LEGEND:**

- (A) PORTLAND CEMENT CONCRETE SIDEWALK - 4"±
- (B) COMBINATION CURB AND GUTTER TYPE B-6.24
- (C) STABILIZED SUBBASE - 4"±
- (D) GRANULAR SUBBASE - 6"±
- (E) AGGREGATE SHOULDERS, TYPE A - 6"±
- (F) BITUMINOUS SHOULDERS - 8"±
- (G) PORTLAND CEMENT CONCRETE PAVEMENT - 10"±
- (H) BITUMINOUS PAVEMENT - 8"±
- (I) BITUMINOUS SURFACE - 3"±
- (J) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT
- (K) SUB-BASE GRANULAR MATERIAL
- (L) 9" PCC SHOULDER WITH BITUMINOUS OVERLAY

**PROPOSED LEGEND:**

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1-1/2"
- (2) TEMPORARY SOIL RETENTION SYSTEM
- (3) SUB-BASE GRANULAR MATERIAL, TYPE A 8"
- (4) STABILIZED SUBBASE CEMENT AGGREGATE MIXTURE 4"
- (5) CONCRETE BARRIER, DOUBLE FACE, 32 INCH HEIGHT
- (6) BARRIER BASE
- (7) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (8) PORTLAND CEMENT CONCRETE SIDEWALK 5"
- (9) PIER 6 FOOTING
- (10) SHOULDER RUMBLE STRIPS
- (11) TOPSOIL 4"
- (12) SEEDING, CLASS 2A
- (13) 24" - #6 TIE BARS AT 24" C-C (INCLUDED IN PRICE OF PAVEMENT AND CURB AND GUTTER)
- (14) UNDERDRAINS 6"

NOTE:  
 THE DENSITY USED FOR QUANTIFYING HMA BINDER AND SURFACE COURSE IS 112 LBS/IN/SQ YD