

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009

Set No.

SLOAN STREET - FAU 9550
FEAZEL STREET - FAU 9556
CITY OF HARRISBURG
SALINE COUNTY
JOB NO. C-99-560-09
PROJECT NO. ARA-5027(012)
SECTION 09-00086-00-RS

INDEX OF SHEETS

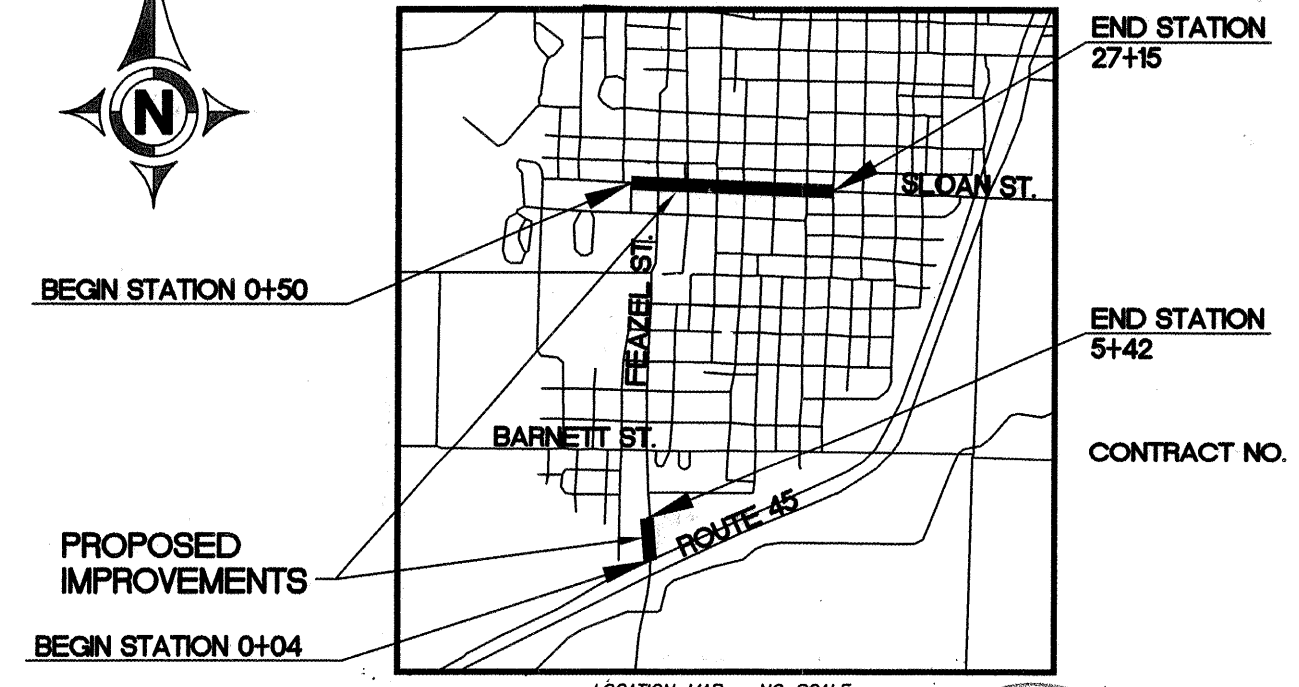
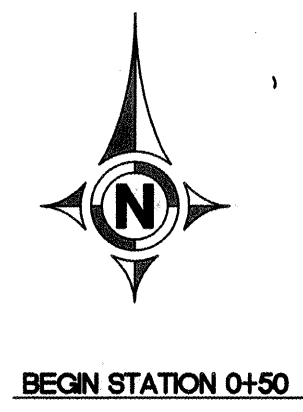
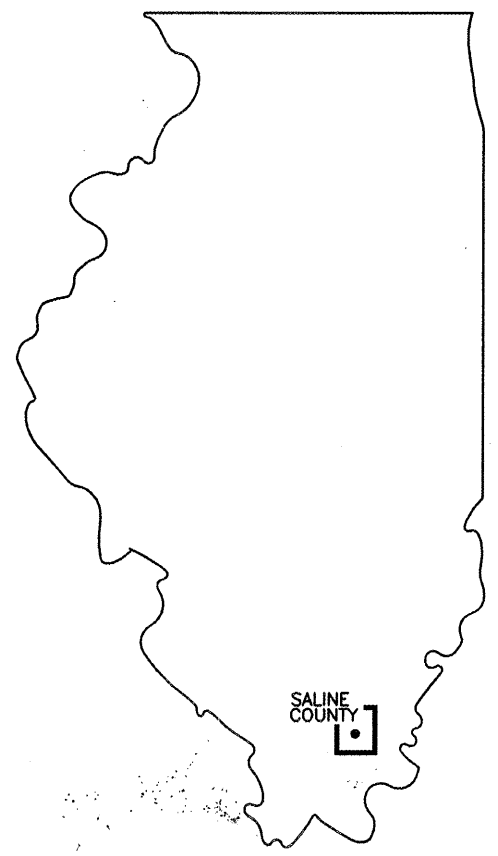
| | |
|------|--|
| 1 | COVER SHEET |
| 2 | SUMMARY OF QUANTITIES AND TYPICAL SECTIONS |
| 3 | MATERIAL SCHEDULES AND DETAILS |
| 4-11 | PLAN SHEETS |
| 12 | INLET DETAILS |

STANDARDS

| | |
|-----------|------------------------------------|
| 424001-05 | CURB RAMPS FOR SIDEWALK |
| 442101-07 | CLASS B PATCHES, TYPE II, 8 INCH |
| 542301-02 | PRECAST REINF CONC FLARED END SECT |
| 701306-02 | LN CLOSURE 2L2W - SLOW MOVING |
| 701501-05 | URBAN LN CLOSURE 2L2W - UNDIVIDED |
| 701901-01 | TRAF CNTRL DEVICES |

| | | |
|--------------------|------------------|-------------------|
| | <u>SLOAN ST.</u> | <u>FEAZEL ST.</u> |
| ROUTE - | FAU 9550 | FAU 9556 |
| FUNCTIONAL CLASS - | COLLECTOR | COLLECTOR |
| DESIGN SPEED - | 30 MPH | 30 MPH |
| ADT - | 3500 ADT | 1400 ADT |

CONTRACT NO. 99401



LOCATION MAP NO SCALE
LENGTH OF IMPROVEMENT = 3,203 FEET (0.61 MILES)

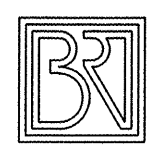
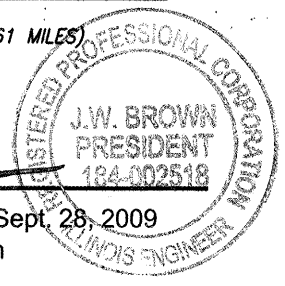
PROPOSED IMPROVEMENTS

UTILITIES

CITY OF HARRISBURG WATER AND SEWER DEPARTMENT
VERIZON TELEPHONE COMPANY
AMEREN CIPS
ATMOS GAS

NOTE: ALL EXISTING UTILITIES AND LOCATIONS TO BE CONFIRMED BY J.U.L.I.E. 800-892-0123

Jim W. Brown
Jim W. Brown as President of
Illinois Professional Design Firm
Land Survey & Prof. Eng. Corp
Number 184-002518
Expires April 30, 2011



BROWN AND ROBERTS, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS
1 WESTRIDGE ROAD HARRISBURG, IL. 62946 (618) 252-8111

| | |
|---|--|
| CITY OF HARRISBURG | |
| APPROVED <u>10-13-09</u> | |
| <i>Valerie Rose Mitchell</i> MAYOR, CITY OF HARRISBURG | |
| PASSED <u>10/20/2009</u> | |
| <i>Richard W. Maleski</i> DISTRICT 9 ENGINEER OF LOCAL ROADS & STREETS | |
| RELEASING FOR BID BASED ON LIMITED REVIEW | |
| <u>10/20/09</u> <i>Mary C. Lamie</i> MARY C. LAMIE, P.E. DEPUTY DIRECTOR OF HIGHWAYS REGION FIVE ENGINEER | |

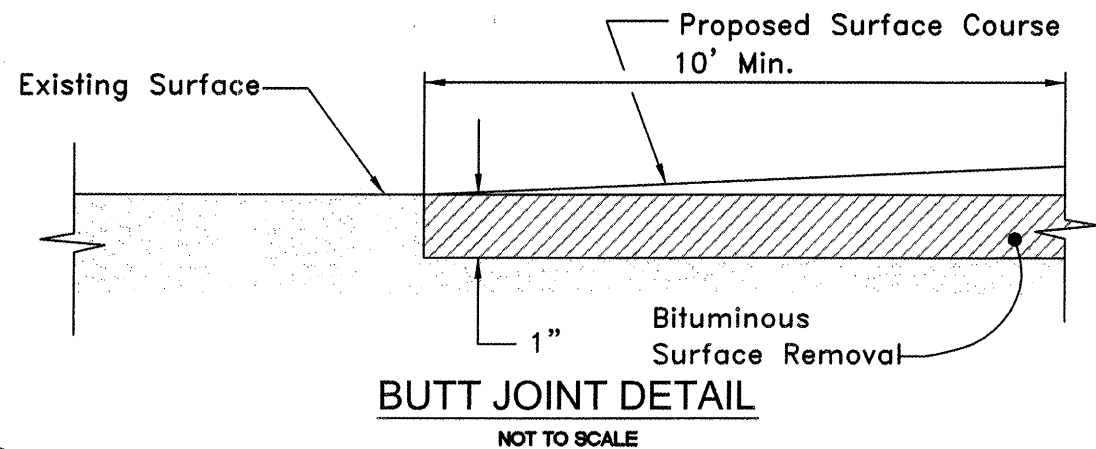
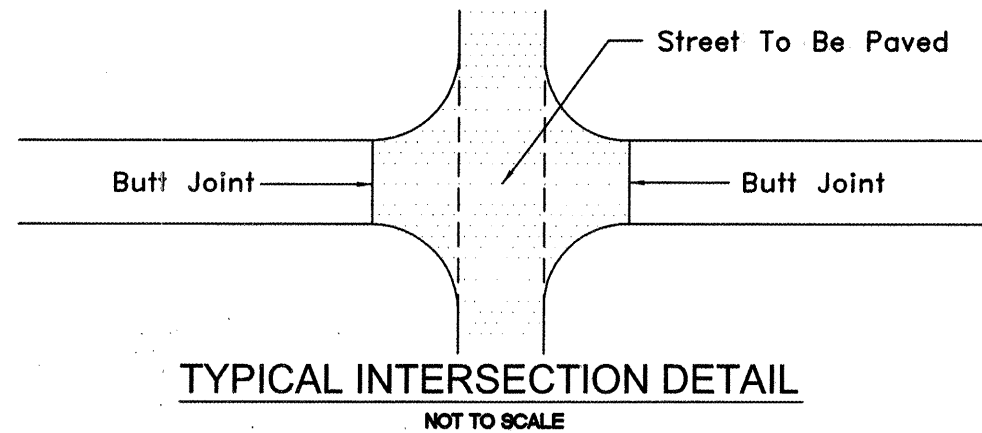
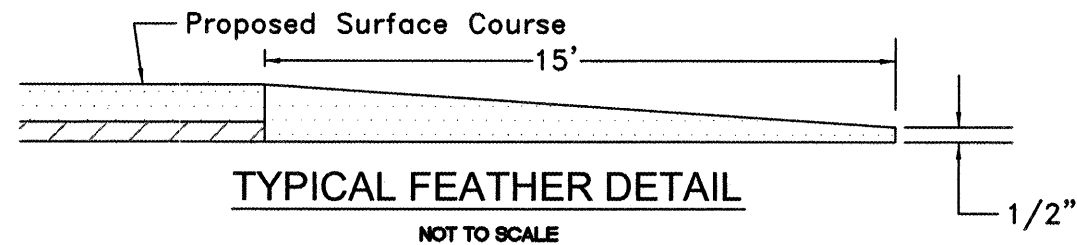
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B.R.I. JOB NO. 09-073

SUMMARY OF QUANTITIES

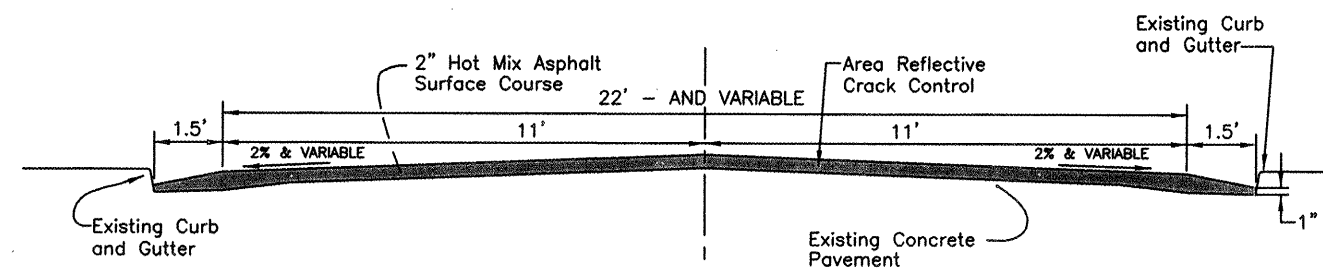
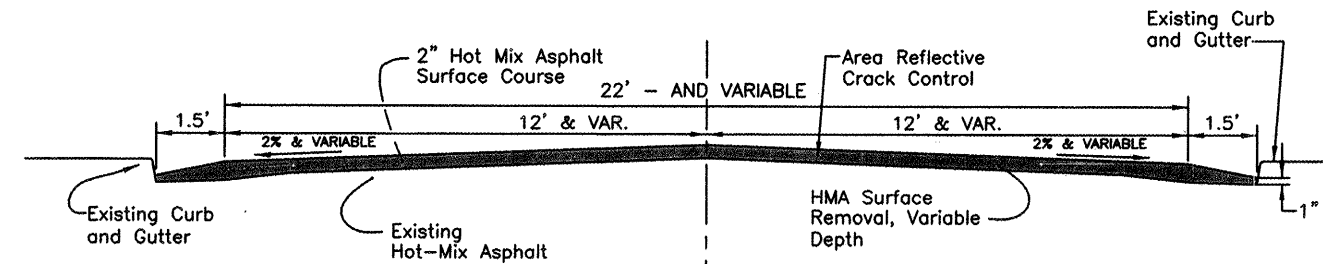
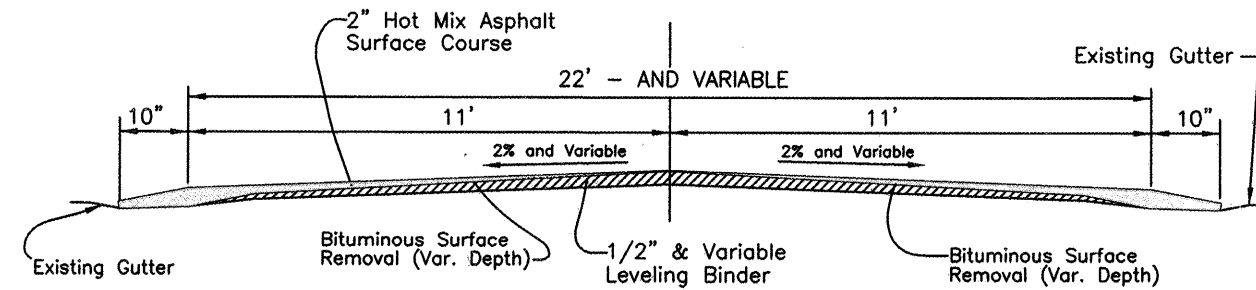
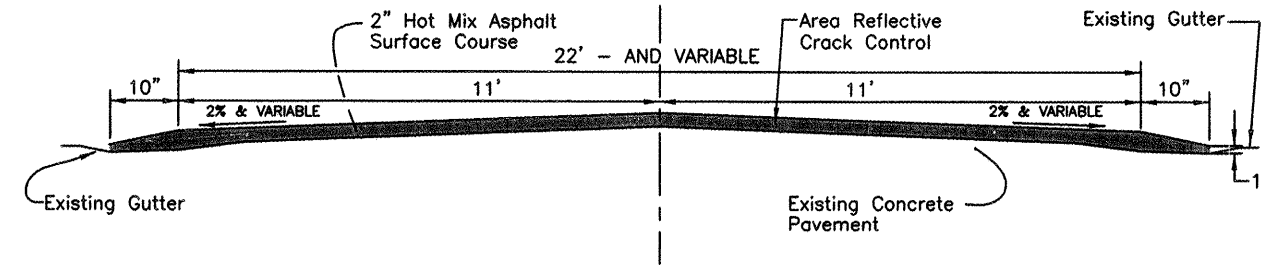
| CODE NO. | ITEM | UNIT | NON - ARRA PARTICIPATING | ARRA PARTICIPATING | TOTAL QUANTITY |
|-----------|--|--------|--------------------------|--------------------|----------------|
| *28100807 | STONE DUMPED RIPRAP, CLASS A4 | TON | 0 | 20 | 20 |
| 40600100 | BITUMINOUS MATERIALS (PRIME COAT) | GALLON | 100 | 800 | 900 |
| 40600300 | AGGREGATE (PRIME COAT) | TON | 5 | 15 | 20 |
| 40600635 | LEVELING BINDER (MACHINE METHOD), N70 | TON | 0 | 60 | 60 |
| 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | SQ YD | 0 | 150 | 150 |
| 40603315 | HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 | TON | 90 | 900 | 990 |
| 42400800 | DETECTABLE WARNINGS | SQ FT | 0 | 6 | 6 |
| *44000198 | HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH | SQ YD | 0 | 4550 | 4550 |
| *44200934 | CLASS B PATCHES, TYPE II, 8 INCH | SQ YD | 120 | 845 | 965 |
| 44300100 | AREA REFLECTIVE CRACK CONTROL TREATMENT | SQ YD | 975 | 7025 | 8000 |
| 54200451 | PIPE CULVERTS, TYPE 1 RCCP 36" | FOOT | 0 | 8 | 8 |
| 54213681 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36" | EACH | 0 | 1 | 1 |
| *550A0050 | STORM SEWERS, CLASS A, TYPE 1 12" | FOOT | 0 | 30 | 30 |
| *60240200 | INLETS, TYPE A, SPECIAL | EACH | 0 | 3 | 3 |
| 60255500 | MANHOLES TO BE ADJUSTED | EACH | 0 | 1 | 1 |
| *60262510 | INLETS TO BE ADJUSTED WITH NEW FRAME AND GRATE (SPECIAL) | EACH | 0 | 2 | 2 |
| 60265700 | VALVE VAULTS TO BE ADJUSTED | EACH | 0 | 5 | 5 |
| 67100100 | MOBILIZATION | L SUM | 0 | 1 | 1 |

NON-ARRA LIMITS, SLOAN STREET FROM 0+40 to 4+11



| Route | Section | County | Total Sheets | Sheet No. |
|--------------------|----------------|--------------|--------------|-----------|
| 9550/9556 | 09-00086-00-RS | SALINE | 12 | 2 |
| City of Harrisburg | | Sloan Street | | |

CONTRACT NO. 99401



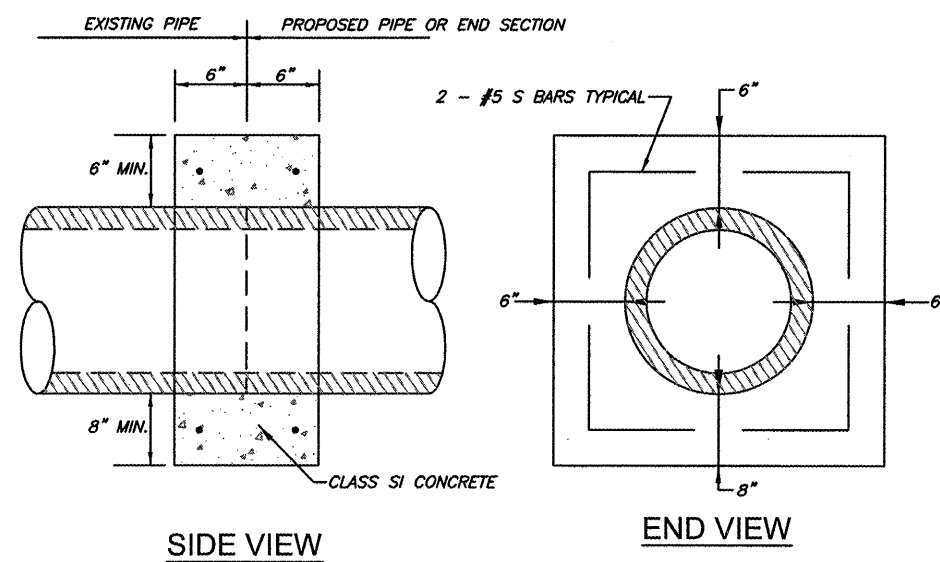
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|--------------------|----------------|--------------|--------------|-----------|
| 9550/9556 | 09-00086-00-RS | SALINE | 12 | 3 |
| City of Harrisburg | | Sloan Street | | |

CONTRACT NO. 99401

CLASS B PATCHING SUMMARY

| SHEET NO. | CONCRETE PATCHING (SQ. YD.) |
|-----------|-----------------------------|
| 4 | 141.8 |
| 5 | 254.6 |
| 6 | 88.2 |
| 7 | 92.5 |
| 10 | 359.3 |
| 11 | 25.7 |

TOTAL 965



| PIPE DIA. | CLASS SI CONCRETE CU. YD. (EST.) |
|-----------|----------------------------------|
| 12" | 0.16 |
| 15" | 0.19 |
| 18" | 0.21 |
| 24" | 0.29 |
| 30" | 0.37 |
| 36" | 0.44 |
| 42" | 0.53 |
| 48" | 0.62 |
| 54" | 0.71 |

NOTES:

1. ALL CONCRETE AND REINFORCEMENT SHALL BE CONSIDERED PART OF THE PIPE CULVERT OR STORM SEWER PAY ITEM.

CONCRETE COLLAR DETAILS

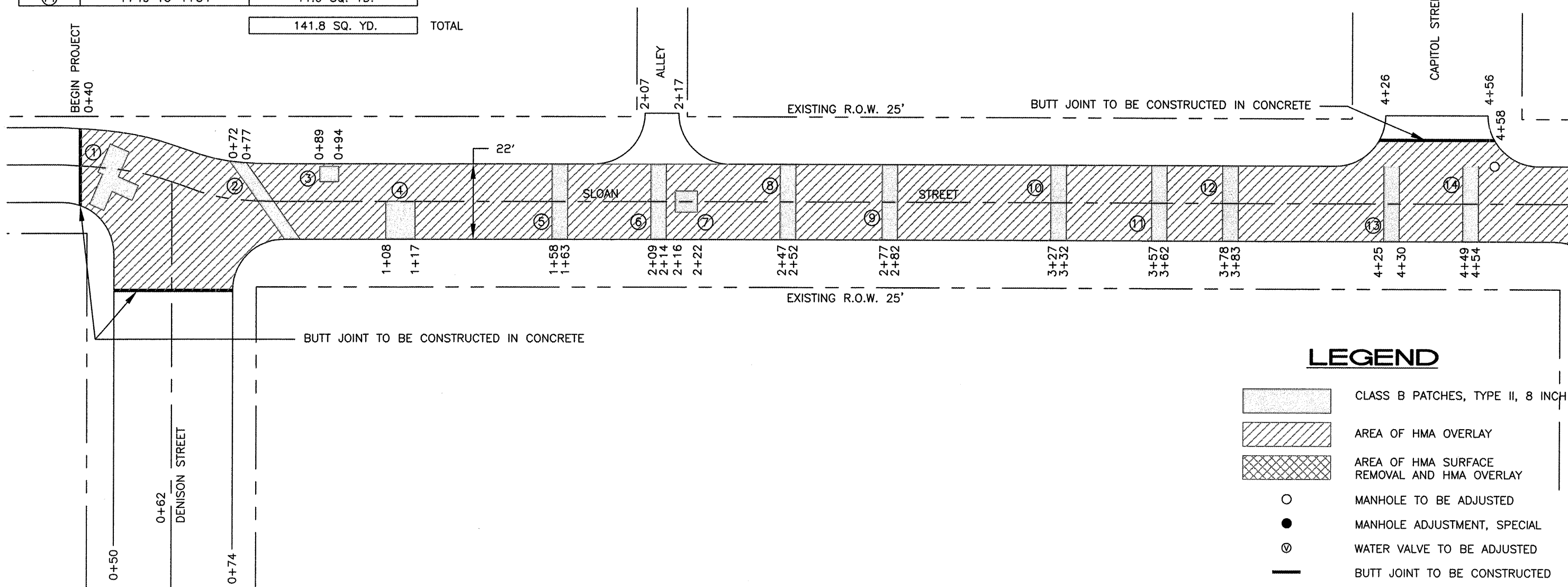
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|--------------------|----------------|--------------|--------------|-----------|
| Route | Section | County | Total Sheets | Sheet No. |
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| City of Harrisburg | | Sloan Street | | |

CONTRACT NO. 99401

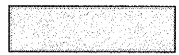
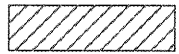







| CLASS B PATCHES, TYPE II, 8 INCH | | |
|----------------------------------|--------------|--------------|
| AREA # | LOCATION | QUANTITY |
| ① | 0+50 | 14.0 SQ. YD. |
| ② | 0+72 TO 0+77 | 11.3 SQ. YD. |
| ③ | 0+89 TO 0+94 | 2.8 SQ. YD. |
| ④ | 1+08 TO 1+17 | 10.4 SQ. YD. |
| ⑤ | 1+58 TO 1+63 | 11.0 SQ. YD. |
| ⑥ | 2+09 TO 2+14 | 11.0 SQ. YD. |
| ⑦ | 2+16 TO 2+22 | 4.3 SQ. YD. |
| ⑧ | 2+47 TO 2+52 | 11.0 SQ. YD. |
| ⑨ | 2+77 TO 2+82 | 11.0 SQ. YD. |
| ⑩ | 3+27 TO 3+32 | 11.0 SQ. YD. |
| ⑪ | 3+57 TO 3+62 | 11.0 SQ. YD. |
| ⑫ | 3+78 TO 3+83 | 11.0 SQ. YD. |
| ⑬ | 4+25 TO 4+30 | 11.0 SQ. YD. |
| ⑭ | 4+49 TO 4+54 | 11.0 SQ. YD. |

141.8 SQ. YD. TOTAL



LEGEND

-  CLASS B PATCHES, TYPE II, 8 INCH
-  AREA OF HMA OVERLAY
-  AREA OF HMA SURFACE REMOVAL AND HMA OVERLAY
-  MANHOLE TO BE ADJUSTED
-  MANHOLE ADJUSTMENT, SPECIAL
-  WATER VALVE TO BE ADJUSTED
-  BUTT JOINT TO BE CONSTRUCTED

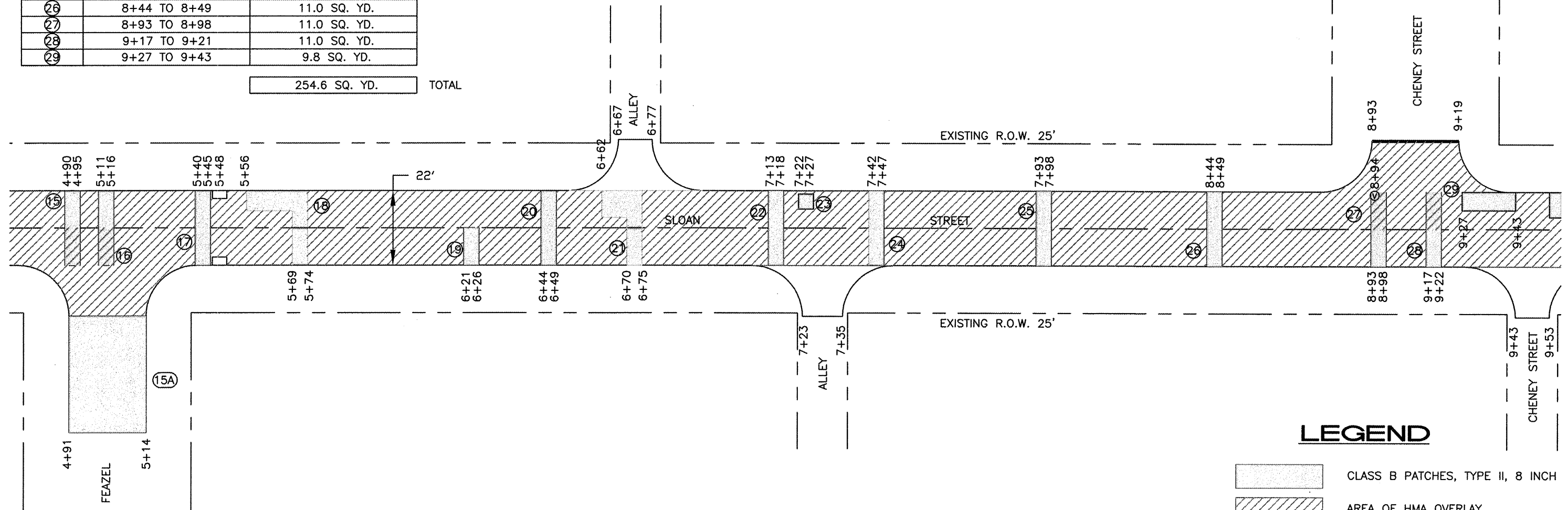
SLOAN STREET - DENISON STREET TO CAPITOL STREET
STATION 0+40 TO 4+58

| Route | Section | County | Total Sheets | Sheet No. |
|--------------------|----------------|--------------|--------------|-----------|
| 9550 | 09-00086-00-RS | SALINE | 12 | 5 |
| City of Harrisburg | | Sloan Street | | |


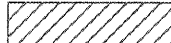






CONTRACT NO. 99401

| CLASS B PATCHES, TYPE II, 8 INCH | | |
|----------------------------------|--------------|----------------------|
| AREA # | LOCATION | AMOUNT TO BE REMOVED |
| 15 | 4+90 TO 4+95 | 11.0 SQ. YD. |
| 15A | 4+91 TO 5+14 | 89.4 SQ. YD. |
| 16 | 5+11 TO 5+16 | 11.0 SQ. YD. |
| 17 | 5+40 TO 5+45 | 11.0 SQ. YD. |
| 18 | 5+56 TO 5+74 | 20.0 SQ. YD. |
| 19 | 6+21 TO 6+26 | 5.5 SQ. YD. |
| 20 | 6+44 TO 6+49 | 11.0 SQ. YD. |
| 21 | 6+62 TO 6+75 | 17.7 SQ. YD. |
| 22 | 7+13 TO 7+18 | 11.0 SQ. YD. |
| 23 | 7+22 TO 7+27 | 2.2 SQ. YD. |
| 24 | 7+42 TO 7+47 | 11.0 SQ. YD. |
| 25 | 7+93 TO 7+98 | 11.0 SQ. YD. |
| 26 | 8+44 TO 8+49 | 11.0 SQ. YD. |
| 27 | 8+93 TO 8+98 | 11.0 SQ. YD. |
| 28 | 9+17 TO 9+21 | 11.0 SQ. YD. |
| 29 | 9+27 TO 9+43 | 9.8 SQ. YD. |

254.6 SQ. YD. TOTAL



LEGEND

-  CLASS B PATCHES, TYPE II, 8 INCH
-  AREA OF HMA OVERLAY
-  AREA OF HMA SURFACE REMOVAL AND HMA OVERLAY
-  MANHOLE TO BE ADJUSTED
-  MANHOLE ADJUSTMENT, SPECIAL
-  WATER VALVE TO BE ADJUSTED
-  BUTT JOINT TO BE CONSTRUCTED
-  EXISTING INLET

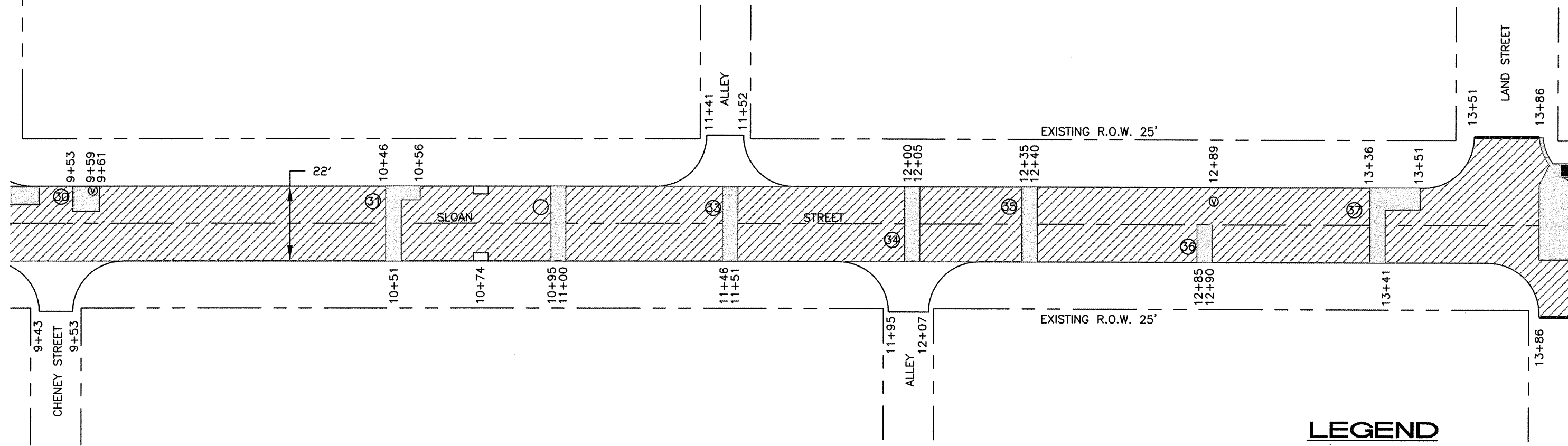
SLOAN STREET - FEAZEL STREET TO CHENEY STREET
STATION 4+90 TO 9+43

| | | | | |
|--------------------|----------------|--------------|--------------|-----------|
| Route | Section | County | Total Sheets | Sheet No. |
| 9550 | 09-00086-00-RS | SALINE | 12 | 6 |
| City of Harrisburg | | Sloan Street | | |


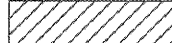






CONTRACT NO. 99401

| CLASS B PATCHES, TYPE II, 8 INCH | | |
|----------------------------------|----------------|----------------------|
| AREA # | LOCATION | AMOUNT TO BE REMOVED |
| 30 | 9+53 TO 9+61 | 6.7 SQ. YD. |
| 31 | 10+46 TO 10+56 | 13.4 SQ. YD. |
| 32 | 10+95 TO 11+00 | 11.0 SQ. YD. |
| 33 | 11+46 TO 11+51 | 11.0 SQ. YD. |
| 34 | 12+00 TO 12+05 | 11.0 SQ. YD. |
| 35 | 12+35 TO 12+40 | 11.0 SQ. YD. |
| 36 | 12+85 TO 12+90 | 5.5 SQ. YD. |
| 37 | 13+36 TO 13+51 | 18.6 SQ. YD. |

88.2 SQ. YD. TOTAL



LEGEND

-  CLASS B PATCHES, TYPE II, 8 INCH
-  AREA OF HMA OVERLAY
-  AREA OF HMA SURFACE REMOVAL AND HMA OVERLAY
-  MANHOLE TO BE ADJUSTED
-  MANHOLE ADJUSTMENT, SPECIAL
-  WATER VALVE TO BE ADJUSTED
-  BUTT JOINT TO BE CONSTRUCTED
-  EXISTING INLET

SLOAN STREET - CHENEY STREET TO LAND STREET

STATION 9+43 TO 13+86

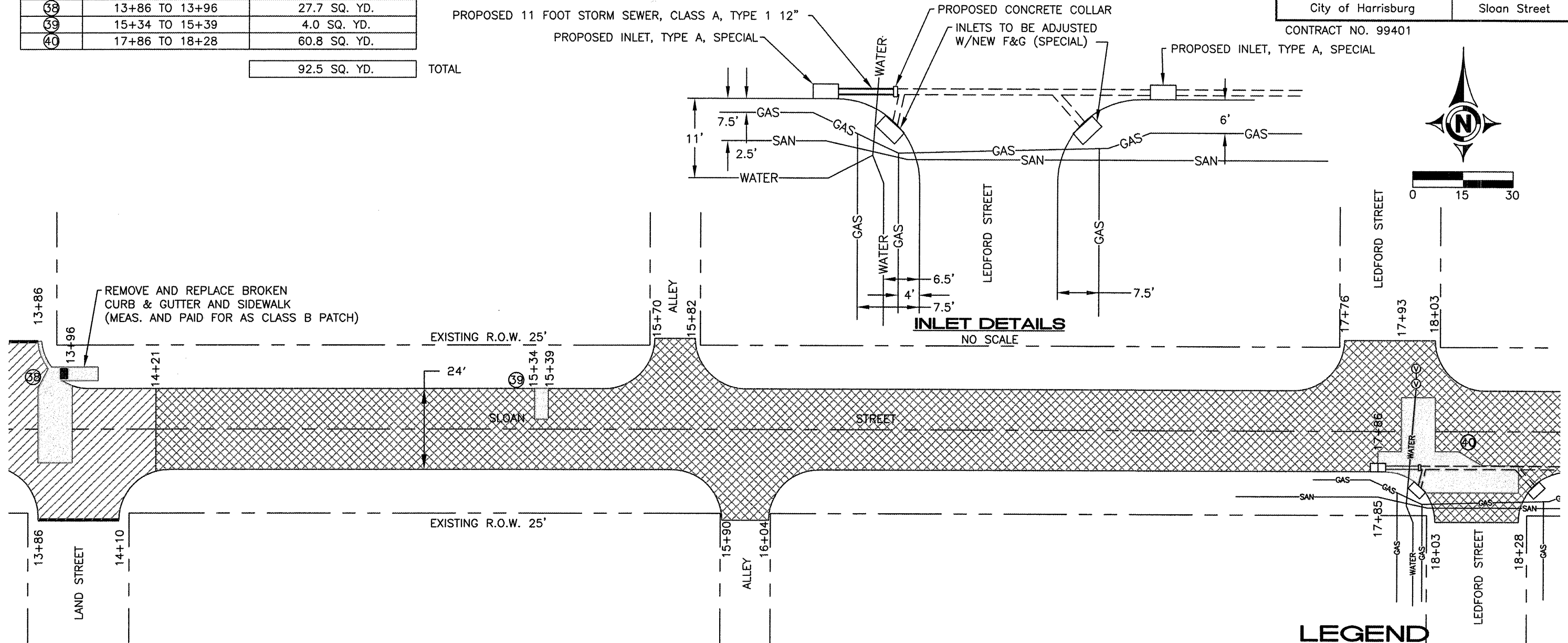
| CLASS B PATCHES, TYPE II, 8 INCH | | |
|----------------------------------|----------------|----------------------|
| AREA # | LOCATION | AMOUNT TO BE REMOVED |
| 38 | 13+86 TO 13+96 | 27.7 SQ. YD. |
| 39 | 15+34 TO 15+39 | 4.0 SQ. YD. |
| 40 | 17+86 TO 18+28 | 60.8 SQ. YD. |

92.5 SQ. YD. TOTAL

| Route | Section | County | Total Sheets | Sheet No. |
|--------------------|----------------|--------------|--------------|-----------|
| 9550 | 09-00086-00-RS | SALINE | 12 | 7 |
| City of Harrisburg | | Sloan Street | | |

CONTRACT NO. 99401

PROPOSED 11 FOOT STORM SEWER, CLASS A, TYPE 1 12"
 PROPOSED INLET, TYPE A, SPECIAL
 PROPOSED CONCRETE COLLAR
 INLETS TO BE ADJUSTED W/NEW F&G (SPECIAL)
 PROPOSED INLET, TYPE A, SPECIAL



INLET DETAILS
NO SCALE

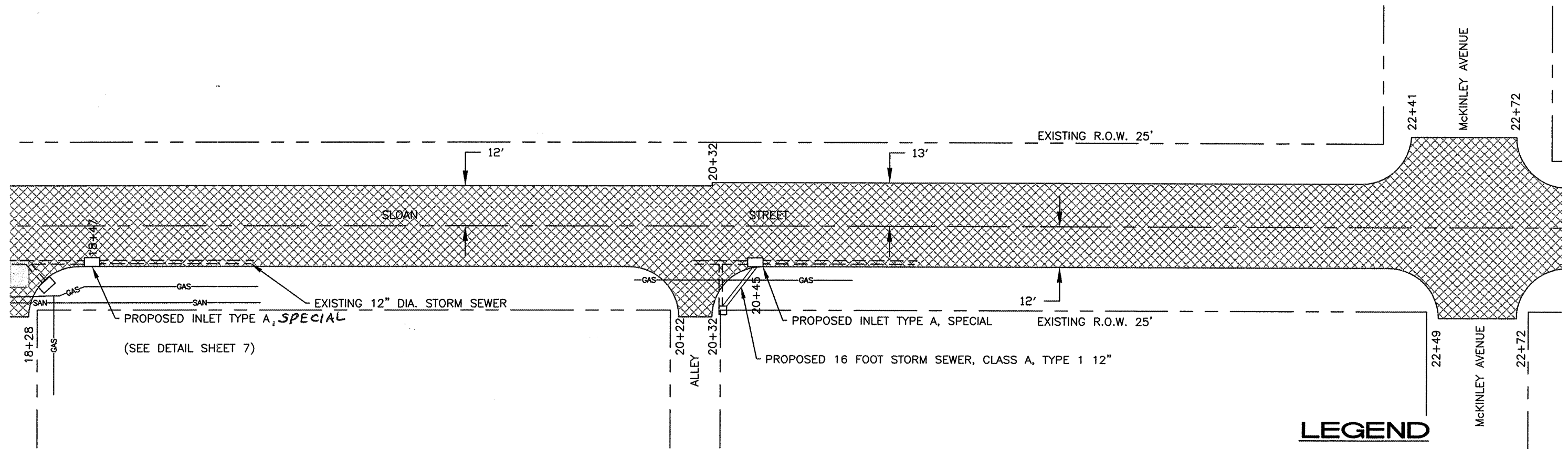
LEGEND

- CLASS B PATCHES, TYPE II, 8 INCH
- AREA OF HMA OVERLAY
- AREA OF HMA SURFACE REMOVAL AND HMA OVERLAY
- MANHOLE TO BE ADJUSTED
- MANHOLE ADJUSTMENT, SPECIAL
- WATER VALVE TO BE ADJUSTED
- BUTT JOINT TO BE CONSTRUCTED
- DETECTABLE WARNINGS

SLOAN STREET - LAND STREET TO LEDFORD STREET
 STATION 13+86 TO 18+28

| Route | Section | County | Total Sheets | Sheet No. |
|--------------------|----------------|--------------|--------------|-----------|
| 9550 | 09-00086-00-RS | SALINE | 12 | 8 |
| City of Harrisburg | | Sloan Street | | |

CONTRACT NO. 99401

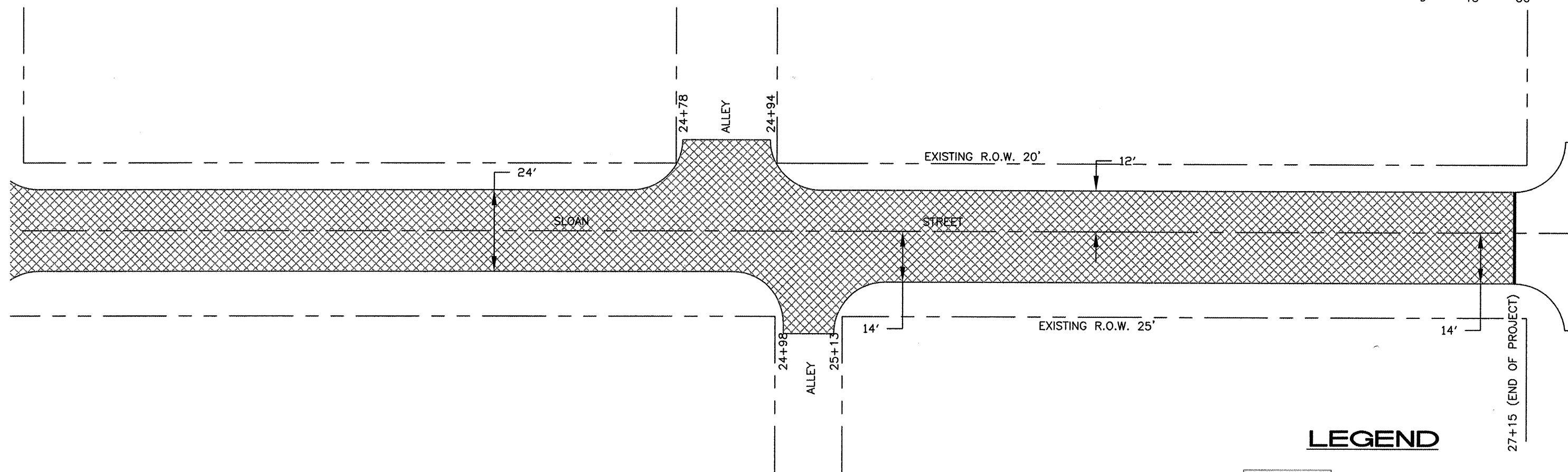


LEGEND


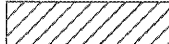





- CLASS B PATCHES, TYPE II, 8 INCH
- AREA OF HMA OVERLAY
- AREA OF HMA SURFACE REMOVAL AND HMA OVERLAY
- MANHOLE TO BE ADJUSTED
- MANHOLE ADJUSTMENT, SPECIAL
- WATER VALVE TO BE ADJUSTED
- BUTT JOINT TO BE CONSTRUCTED

SLOAN STREET - LEDFORD STREET TO MCKINLEY AVENUE
STATION 18+28 TO 22+72

| | | | | |
|--------------------|----------------|--------------|--------------|-----------|
| Route | Section | County | Total Sheets | Sheet No. |
| 9550 | 09-00086-00-RS | SALINE | 12 | 9 |
| City of Harrisburg | | Sloan Street | | |
| CONTRACT NO. 99401 | | | | |



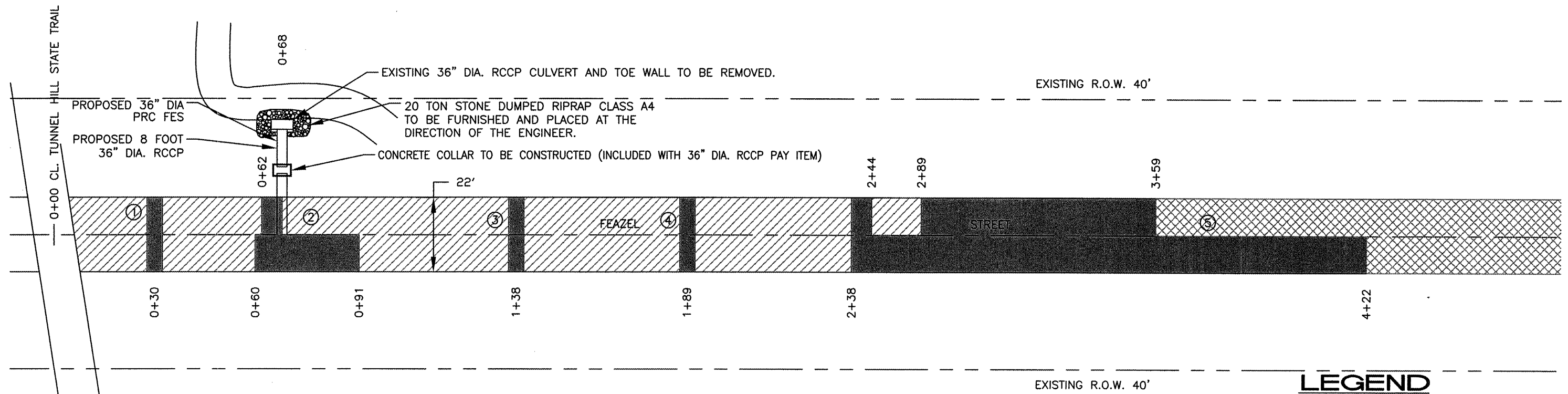
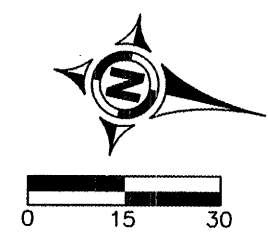
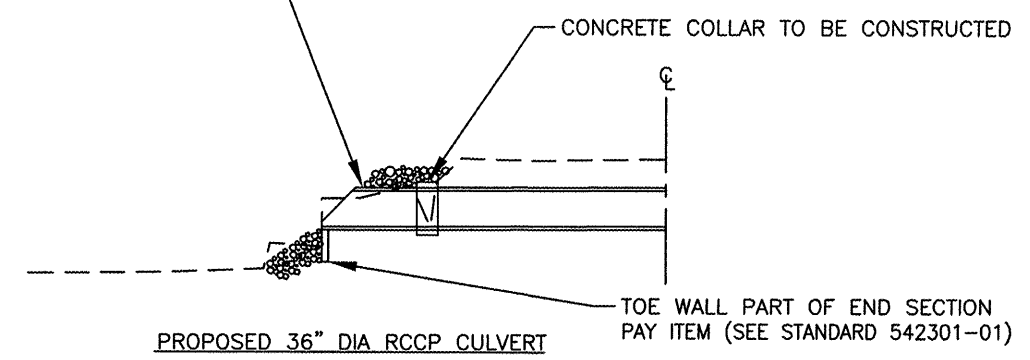
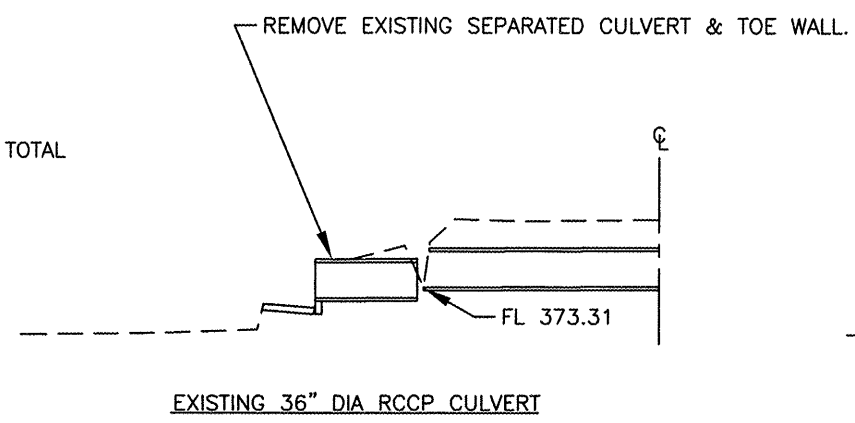
LEGEND

-  CLASS B PATCHES, TYPE II, 8 INCH
-  AREA OF HMA OVERLAY
-  AREA OF HMA SURFACE REMOVAL AND HMA OVERLAY
-  MANHOLE TO BE ADJUSTED
-  MANHOLE ADJUSTMENT, SPECIAL
-  WATER VALVE TO BE ADJUSTED
-  BUTT JOINT TO BE CONSTRUCTED

SLOAN STREET - MCKINLEY AVENUE TO GRANGER STREET
STATION 22+72 TO 27+15

| | | | | |
|--------------------|----------------|---------------|--------------|-----------|
| Route | Section | County | Total Sheets | Sheet No. |
| 9556 | 09-00086-00-RS | SALINE | 12 | 10 |
| City of Harrisburg | | Feazel Street | | |
| CONTRACT NO. 99401 | | | | |

| CLASS B PATCHES, TYPE II, 8 INCH | | |
|----------------------------------|--------------|----------------------|
| AREA # | LOCATION | AMOUNT TO BE REMOVED |
| ① | 0+30 | 11.0 SQ. YD. |
| ② | 0+60 TO 0+91 | 45.2 SQ. YD. |
| ③ | 1+38 | 11.0 SQ. YD. |
| ④ | 1+89 | 11.0 SQ. YD. |
| ⑤ | 2+38 TO 4+22 | 281.1 SQ. YD. |
| TOTAL | | 359.3 SQ. YD. |



LEGEND

- CLASS B PATCHES, TYPE II, 8 INCH
- AREA OF HMA OVERLAY
- AREA OF HMA SURFACE REMOVAL AND HMA OVERLAY
- MANHOLE TO BE ADJUSTED
- MANHOLE ADJUSTMENT, SPECIAL
- WATER VALVE TO BE ADJUSTED
- BUTT JOINT TO BE CONSTRUCTED

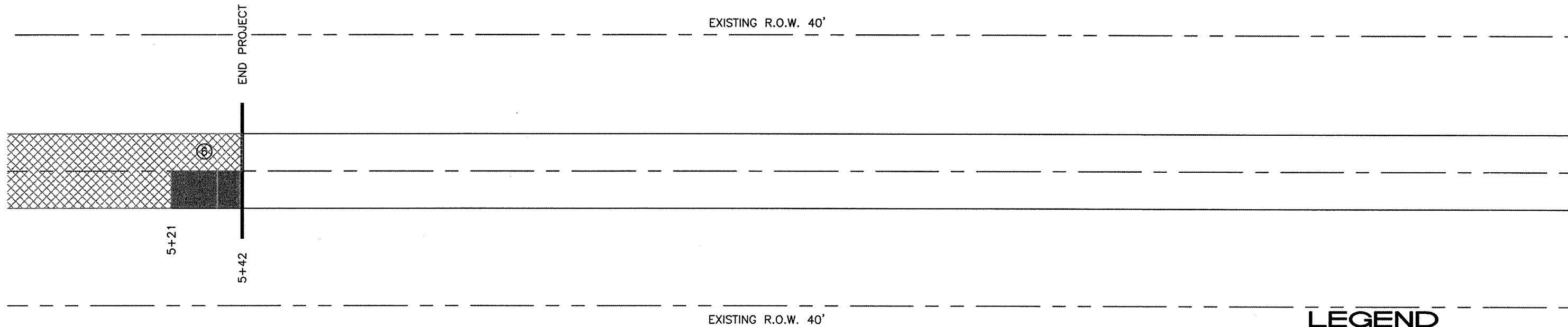
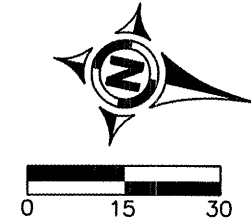
FEAZEL STREET - TUNNEL HILL STATE TRAIL TO STA. 4+22
STATION 0+00 TO 4+50

| CLASS B PATCHES, TYPE II, 8 INCH | | |
|----------------------------------|--------------|----------------------|
| AREA # | LOCATION | AMOUNT TO BE REMOVED |
| ⑥ | 5+21 TO 5+42 | 25.7 SQ. YD. |


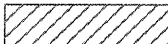





25.7 TOTAL

| Route | Section | County | Total Sheets | Sheet No. |
|--------------------|----------------|--------|---------------|-----------|
| 9556 | 09-00086-00-RS | SALINE | 12 | 11 |
| City of Harrisburg | | | Feazel Street | |

CONTRACT NO. 99401

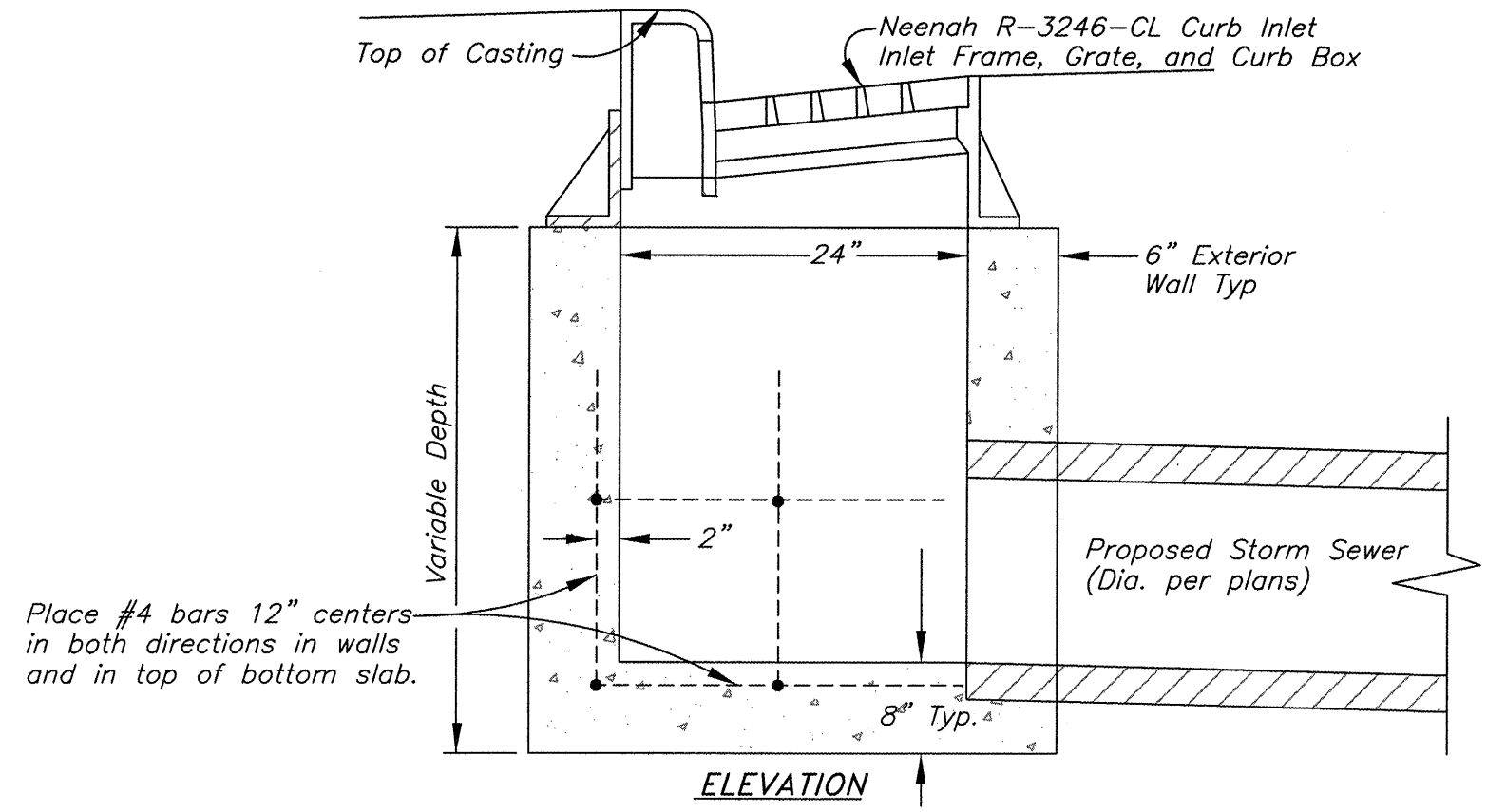
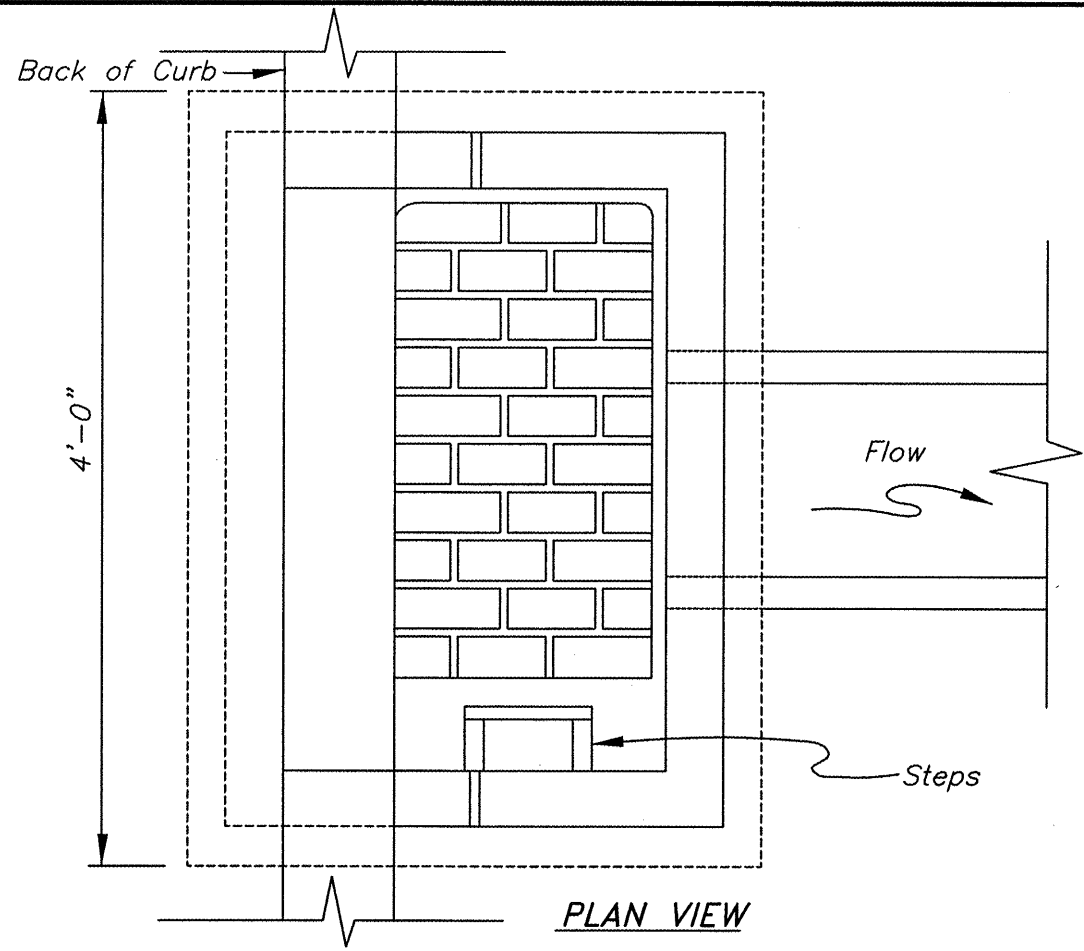


LEGEND

-  CLASS B PATCHES, TYPE II, 8 INCH
-  AREA OF HMA OVERLAY
-  AREA OF HMA SURFACE REMOVAL AND HMA OVERLAY
-  MANHOLE TO BE ADJUSTED
-  MANHOLE ADJUSTMENT, SPECIAL
-  WATER VALVE TO BE ADJUSTED
-  BUTT JOINT TO BE CONSTRUCTED

FEAZEL STREET - STA. 5+21 TO STA. 5+42

| | | | | |
|--------------------|----------------|--------------|--------------|-----------|
| Route | Section | County | Total Sheets | Sheet No. |
| 9550/9556 | 09-00086-00-RS | SALINE | 12 | 12 |
| City of Harrisburg | | Sloan Street | | |
| CONTRACT NO. 99401 | | | | |



DETAIL - INLET TYPE A SPECIAL