Basis of Adjacent Ways - Mica Mountain High School

GMP1 AW – Total Cost: $1,286,162

This Basis of Adjacent Ways document is to identify the cost necessary to cover fire equipment access lanes throughout the site as well as the off-site improvements adjacent to school property. The scopes of work that fall within these boundaries are as follows: Demolition, Off-site Utility Infrastructure, Surveying/Staking, Earthwork & Paving, Dry Utilities, and Site Signage & Striping. The scope of work related to site concrete and primary power to the transformer is not included in the GMP1 AW number as is expected to be covered in the GMP2 AW document.

A. Off-Site Sewer

A1. From Approved Offsite Public Sewer Sheet 2 of 4:

14 - BO#3 OffAW Remove existing pavement and dig trench for new Sewer - 4,737 SF
15 - BO#3 OffAW Stabilized Surface @ manhole - 1,603 SF
16 - BO#3 OffAW Remove and Replace ext Rip Rap - 3,891 SF
17 - BO#3 OffAW Remove Existing Curb - 95 LF
18 - BO#3 OffAW Sewer - 10" PVC SDR-35 Sanitary Sewer Line - 838 LF
19 - BO#3 OffAW Replace Existing Curb - 95 LF
20 - BO#3 OffAW - New 4' Manhole w Concrete collar and watertight frame - 3 EA
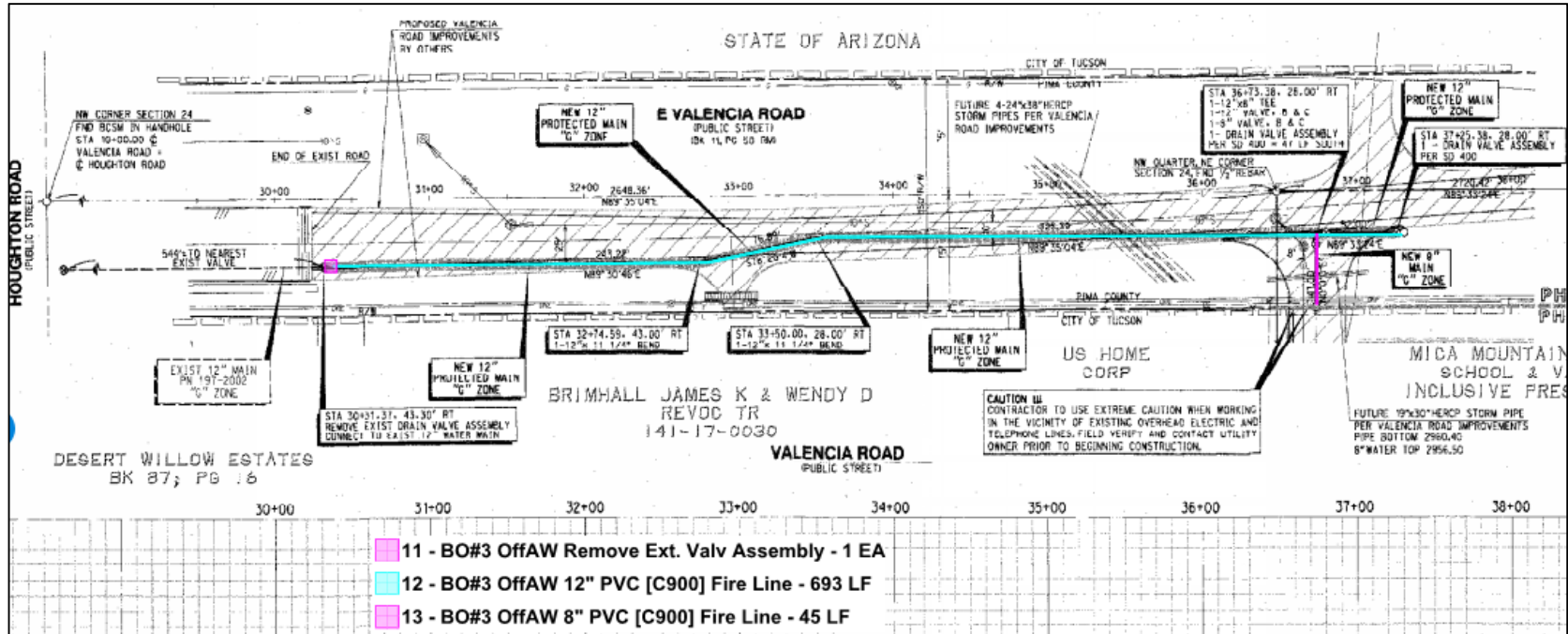
A2. From Approved Offsite Public Sewer Sheet 3 of 4:
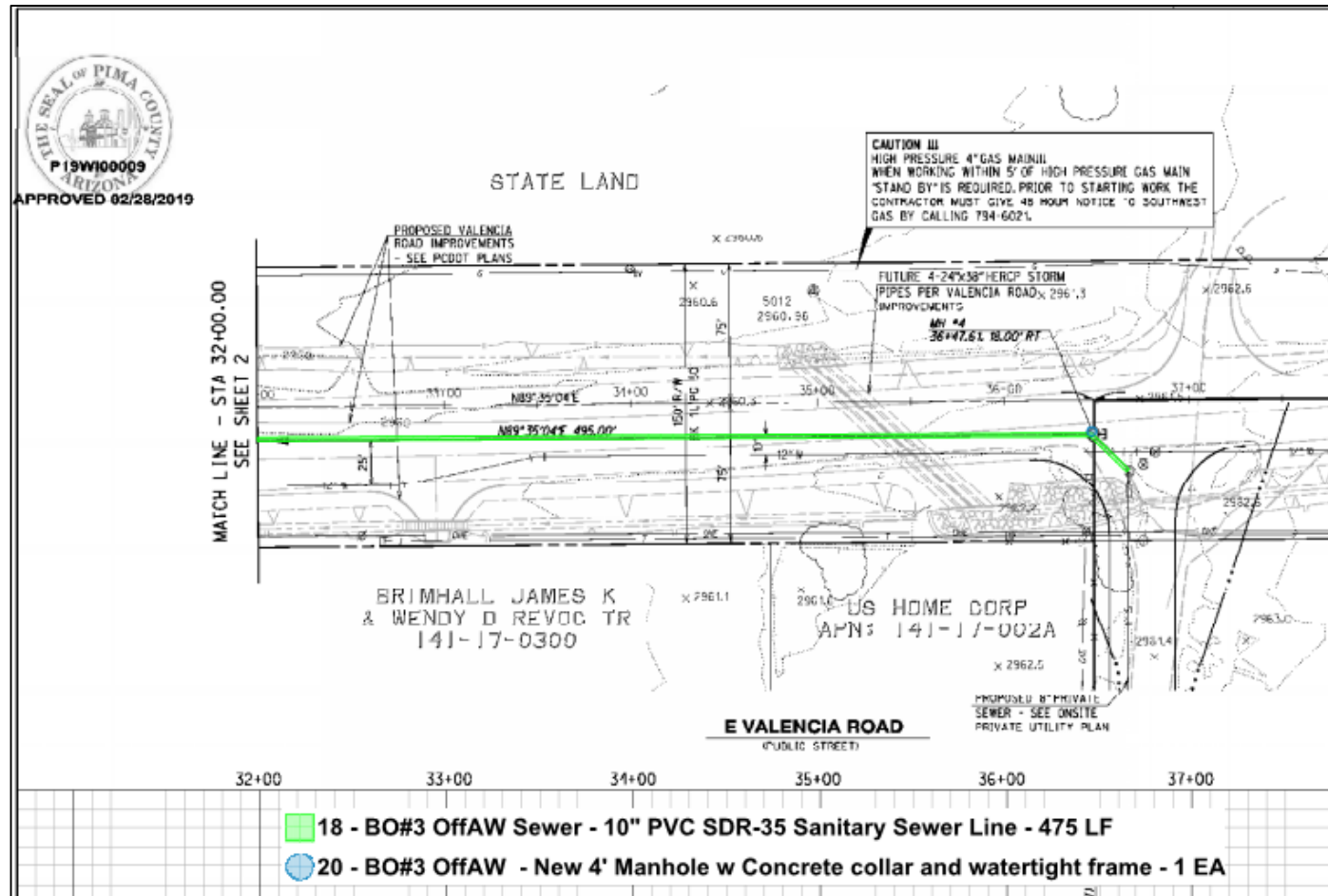
B. Off-Site Water

B1. From Approved Offsite Water Plans Sheet 2 of 2:

11 - BO#3 OffAW Remove Ext. Valv Assembly - 1 EA

12 - BO#3 OffAW 12" PVC [C900] Fire Line - 693 LF

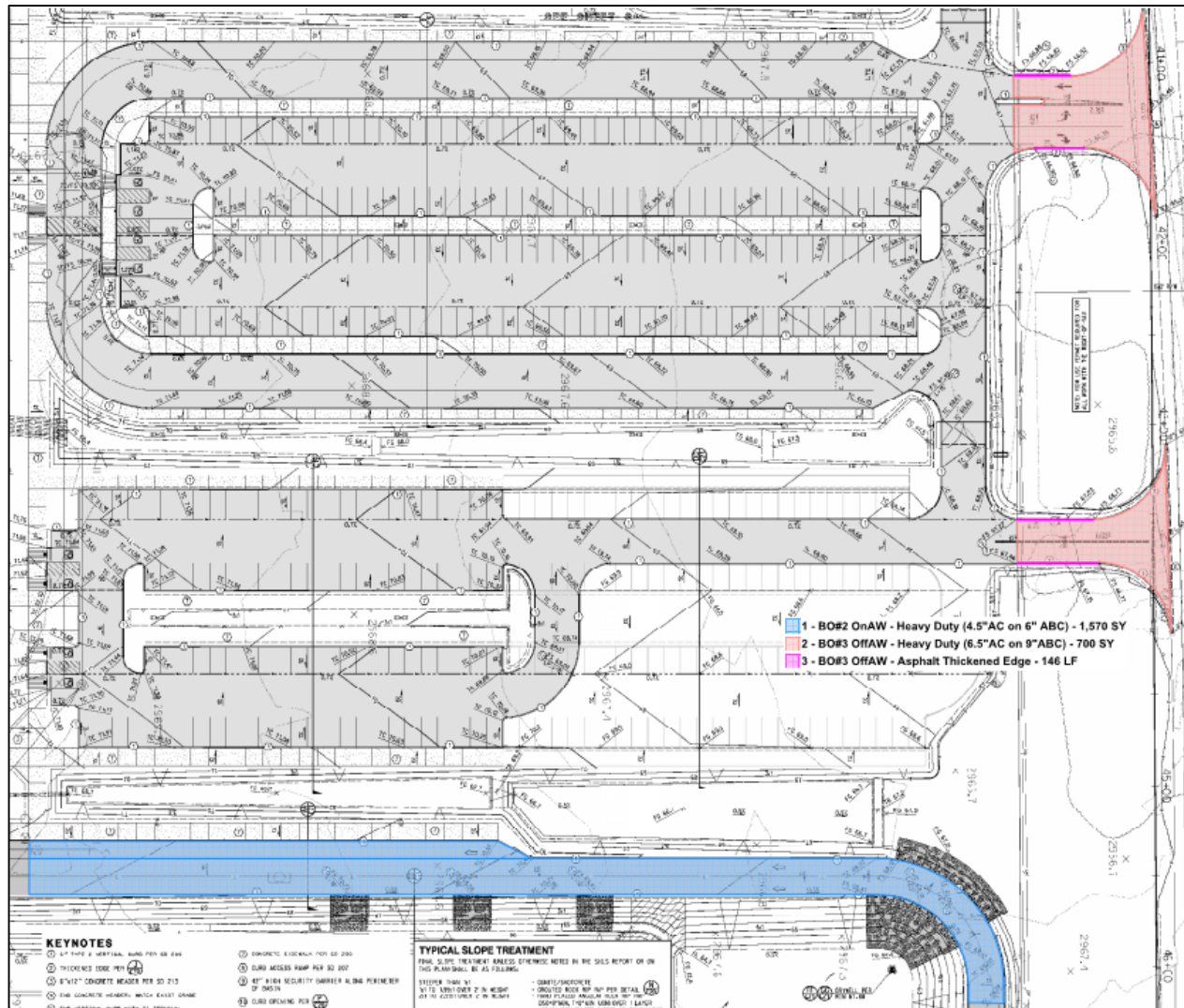13 - BO#3 OffAW 8" PVC [C900] Fire Line - 45 LF

C. Earthwork, Subgrade, and Paving for Fire Lane Access (On-site and Off-site)
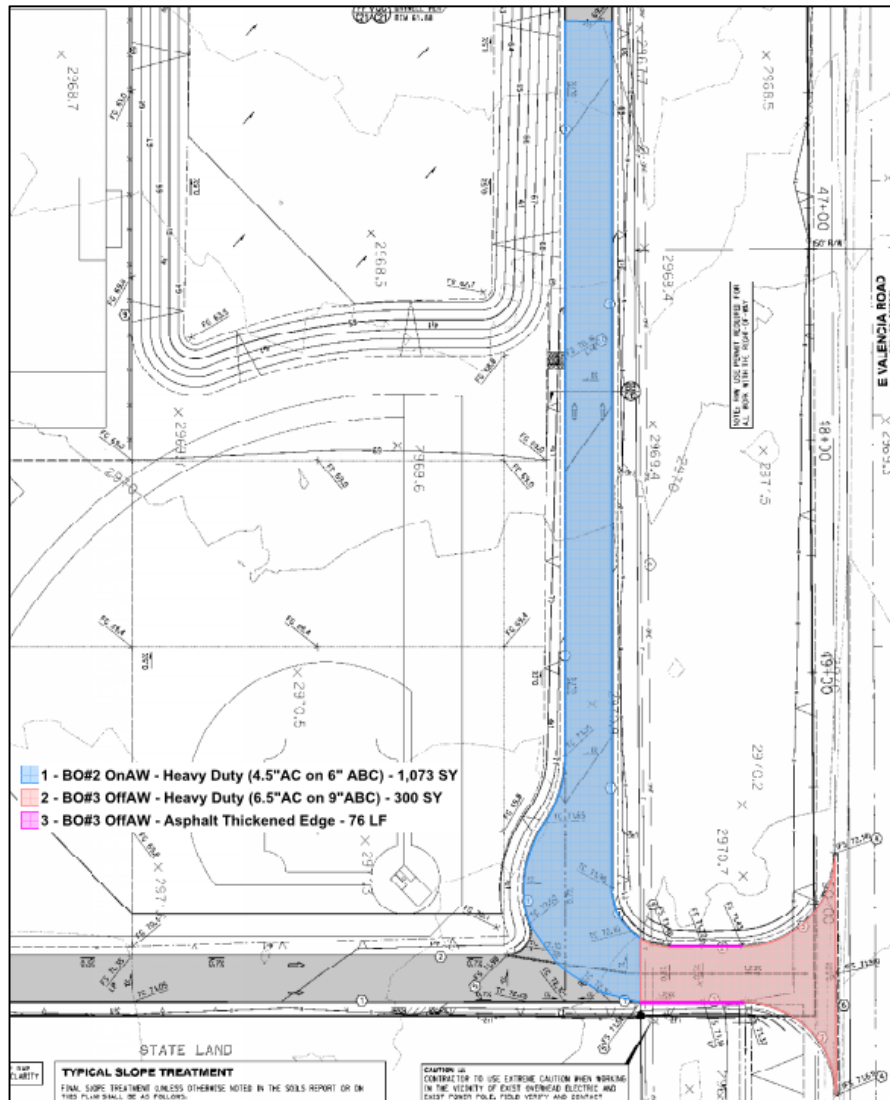
C1. From stamped CD Civil Set page C3:
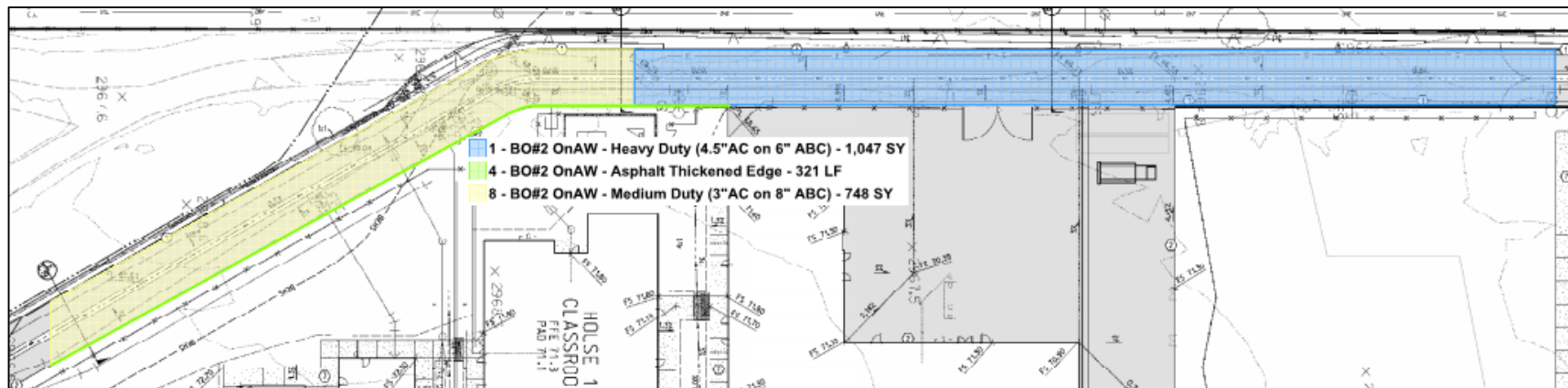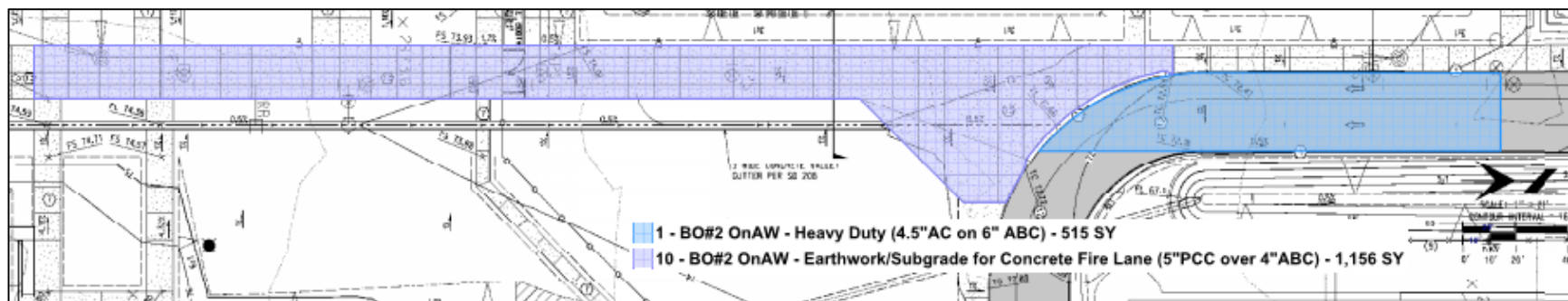
C2. From stamped CD Civil Set page C4:

Legend:
1 - BO#2 OnAW - Heavy Duty (4.5"AC on 6" ABC) - 1,570 SY
2 - BO#3 OffAW - Heavy Duty (6.5"AC on 9"ABC) - 700 SY
3 - BO#3 OffAW - Asphalt Thickened Edge - 146 LF

C3. From stamped CD Civil Set page C5:

1 - BO#2 OnAW - Heavy Duty (4.5"AC on 6" ABC) - 1,073 SY
2 - BO#3 OffAW - Heavy Duty (6.5"AC on 9"ABC) - 300 SY
3 - BO#3 OffAW - Asphalt Thickened Edge - 76 LF

C4. From stamped CD Civil Set page C6:

- 1 - BO#2 OnAW - Heavy Duty (4.5"AC on 6" ABC) - 1,047 SY
- 4 - BO#2 OnAW - Asphalt Thickened Edge - 321 LF
- 8 - BO#2 OnAW - Medium Duty (3"AC on 8" ABC) - 748 SY

C5. From stamped CD Civil Set page C8:

- 1 - BO#2 OnAW - Heavy Duty (4.5"AC on 6" ABC) - 515 SY
- 10 - BO#2 OnAW - Earthwork/Subgrade for Concrete Fire Lane (5"PCC over 4"ABC) - 1,156 SY

C6. From stamped CD Civil Set page C9:

10 - BO#2 OnAW - Earthwork/Subgrade for Concrete Fire Lane (5"PCC over 4"ABC) - 1,294 SY

C7. From stamped CD Civil Set page C10:

4 - BO#2 OnAW - Asphalt Thickened Edge - 819 LF
8 - BO#2 OnAW - Medium Duty (3"AC on 8" ABC) - 1,255 SY

C8. From stamped CD Civil Set page C11:

10 - BO#2 OnAW - Earthwork/Subgrade for Concrete Fire Lane (5"PCC over 4"ABC) - 169 SY

D. Off-site Road Addition Assumptions

We have included an allowance in GMP1 for an addition of two lanes to the Valencia Road Extension project, as we understand this to be in our scope of work. This allowance is based off the following assumptions, which amounts to two lanes for the length of the property plus 100 additional feet at 6.5" AC on 9" ABC.
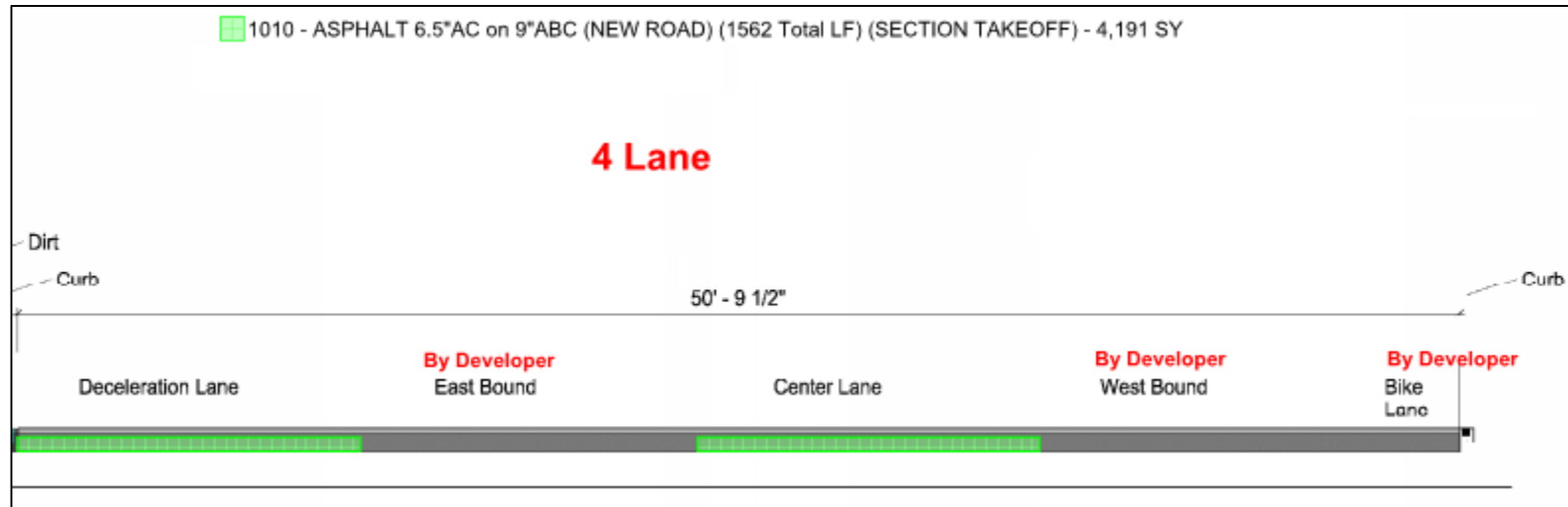
D1. CORE/Concord Assumptions Document 01:

D2. CORE/Concord Assumptions Document 02:

1007 - Full Road Addition - Turn Lane and Decel - 1,562 LF

D3. CORE/Concord Assumptions Document 03:

1010 - ASPHALT 6.5"AC on 9"ABC (NEW ROAD) (1562 Total LF) (SECTION TAKEOFF) - 4,191 SY

4 Lane

Dirt

Curb — 50' - 9 1/2" — Curb

Deceleration Lane | **By Developer** East Bound | Center Lane | **By Developer** West Bound | **By Developer** Bike Lane

---------------END OF BASIS OF ADJACENT WAYS---------------